GRAPHIC LEGEND

- 1 - HOUR FIRE RATING
- 2 - HOUR FIRE RATING
- FUTURE WALL BUILD-OUT
- PH PANIC HARDWARE
- FLOOR BOX
- FLOOR BOX_DATA
- A000X WALL TYPE SEE SHEET A9.2.1
- EXIT SIGN
- STAINLESS WALL PROTECTION GUARD SEE SHEET A7.0.2 FOR TYPICAL MOUNTING DETAIL RELATED TO WALL DEVICES
- CONCRETE SHEAR WALL AND RETAINING WALL
- CATWALK
- CG STAINLESS CORNER GUARD
- VIVARIUM PROGRAM SPACE

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL)
3. BARRIER SUITE BOUDARY LINE: THE AREA TRANSITION FROM LAB TO PUBLIC.

1 LOWER LEVEL - OVERALL PLAN
SCALE: 3/32" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

LICENSED ARCHITECT
WILLIAM L. CHEWNING
C-8790
6-31-19
RENEWAL DATE
STATE OF CALIFORNIA

ISSUED FOR	REV	DATE
BULLETIN 16	16	19 JULY 2018
BULLETIN 14	14	02 APRIL 2018
DP7 100% DD IMAGING CORE		23 FEB 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP4 - IFC		28 MAR 2017
DSA RECORD SET		28 MAR 2017
DP3B - IFC		24 JAN 2017
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

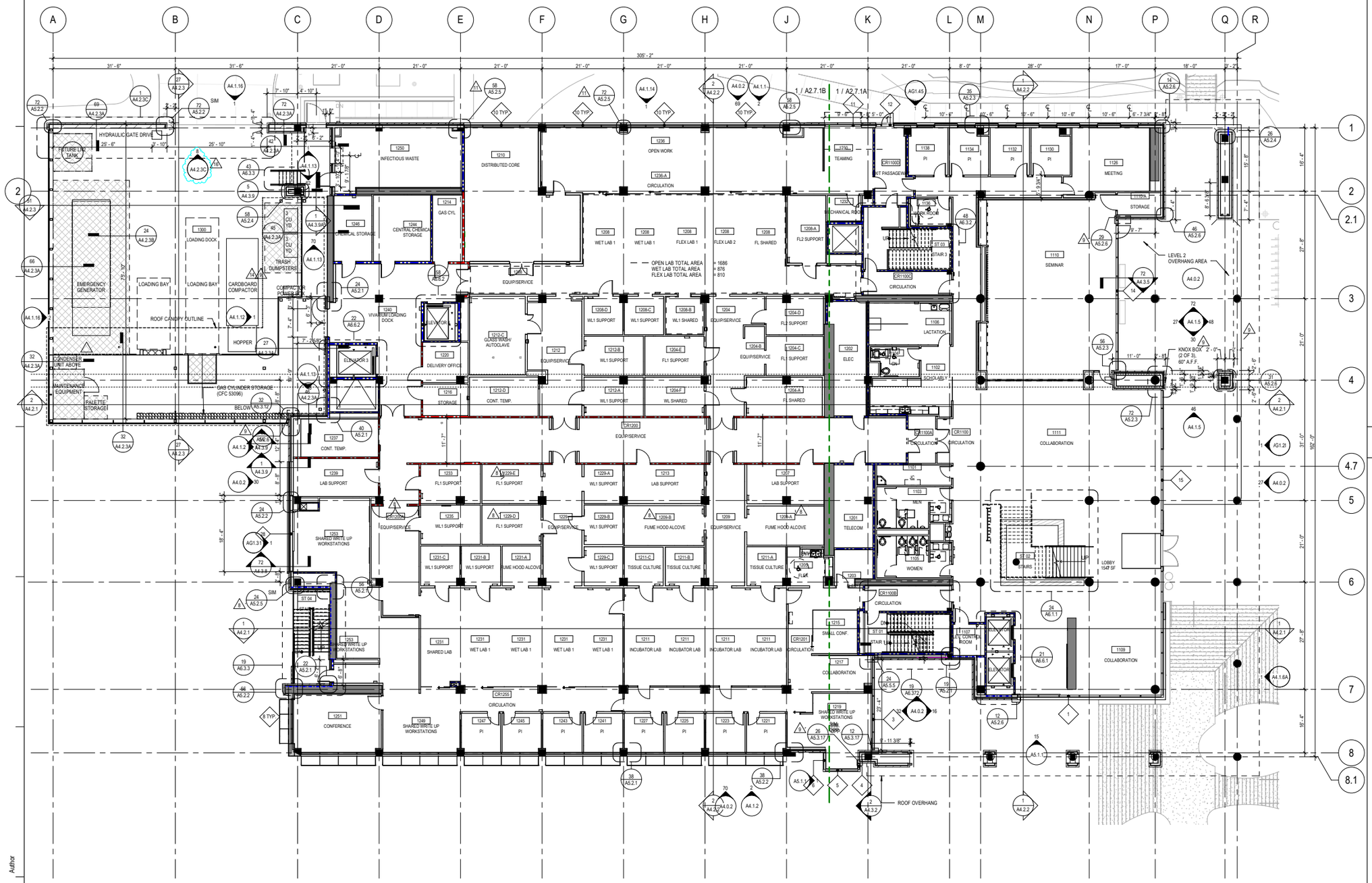
FOR REFERENCE ONLY

NORTH

SHEET TITLE
LOWER LEVEL - OVERALL PLAN

PROJECT NUMBER
A2.0
SHEET NUMBER

Author
7/18/2018 10:55:46 AM
Plot Date:



1 LEVEL 1 - OVERALL PLAN
SCALE: 3/32" = 1'-0"

Author

Plot Date: 7/18/2018 10:55:57 AM

GRAPHIC LEGEND

- 1 - HOUR FIRE RATING
- 2 - HOUR FIRE RATING
- FUTURE WALL BUILD-OUT
- PH PANIC HARDWARE
- FLOOR BOX
- FLOOR BOX_DATA
- A000X WALL TYPE SEE SHEET A9.2.1
- EXIT SIGN
- STAINLESS WALL PROTECTION GUARD SEE SHEET A7.0.2 FOR TYPICAL MOUNTING DETAIL RELATED TO WALL DEVICES
- CONCRETE SHEAR WALL AND RETAINING WALL
- CATWALK
- CG STAINLESS CORNER GUARD
- VIVARIUM PROGRAM SPACE

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL)
3. BARRIER SUITE BOUDARY LINE; THE AREA TRANSITION FROM LAB TO PUBLIC.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1

Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

LICENSED ARCHITECT
WILLIAM L. CHEWNING
C-8790
6-31-19
RENEWAL DATE
STATE OF CALIFORNIA

ISSUED FOR	REV	DATE
BULLETIN 16	16	19 JULY 2018
DP7 CD 50%		01 JUNE 2018
BULLETIN 14	14	02 APRIL 2018
DP7 100% DD IMAGING CORE		23 FEB 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP6 - CD 35%		10 APR 2017
DP4 - IFC		28 MAR 2017
DSA RECORD SET		28 MAR 2017
DP2B - IFC		24 JAN 2017
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

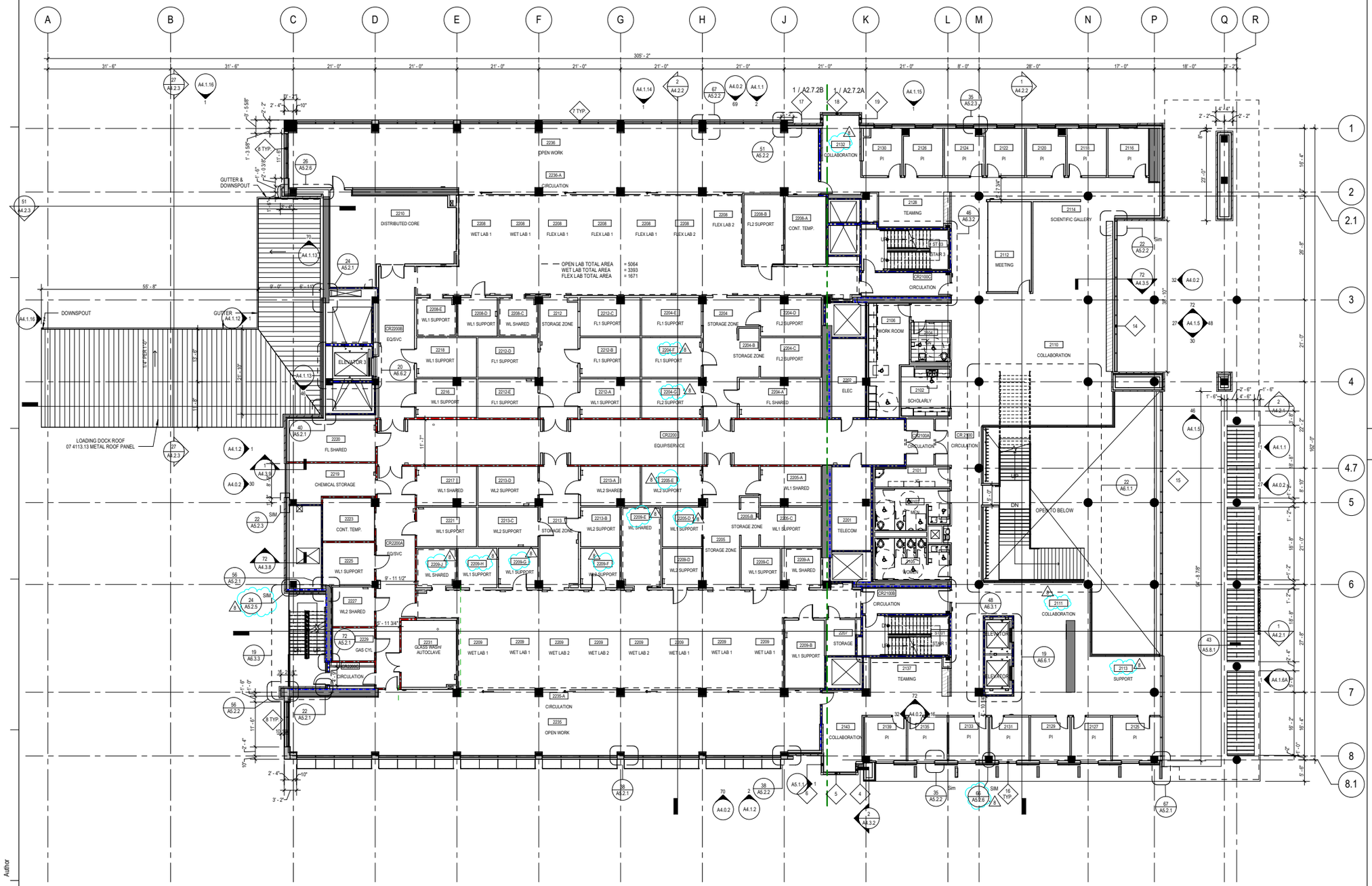
NORTH

SHEET TITLE
LEVEL 1 - OVERALL PLAN

PROJECT NUMBER

A2.1

SHEET NUMBER



1 LEVEL 2 - OVERALL PLAN
SCALE: 3/32" = 1'-0"

GRAPHIC LEGEND

- 1 - HOUR FIRE RATING
- 2 - HOUR FIRE RATING
- FUTURE WALL BUILD-OUT
- FLOOR BOX
- FLOOR BOX_DATA
- A000X WALL TYPE SEE SHEET A9.2.1
- EXIT SIGN
- STAINLESS WALL PROTECTION GUARD SEE SHEET A7.0.2 FOR TYPICAL MOUNTING DETAIL RELATED TO WALL DEVICES
- CONCRETE SHEAR WALL AND RETAINING WALL
- CATWALK
- CG STAINLESS CORNER GUARD

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL)

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BULLETIN 8	8	24 JUL 2017
DP3 - CD 95%		25 APR 2017
DP4 - IFC		28 MAR 2017
DSA RECORD SET		28 MAR 2017
DP4 - CD 95%		23 FEB 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP4 - CD 65%		15 DEC 2016
DP2B - CD 75%		08 NOV 2016
DP4 - CD 35%		03 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEFENDERFER
No. C-8790
Reg. 8-31-17
STATE OF CALIFORNIA

NORTH

SHEET TITLE
LEVEL 2 - OVERALL PLAN

21377.000
PROJECT NUMBER

A2.2
SHEET NUMBER

Author
Plot Date: 7/24/2017 7:33:29 AM



1 LEVEL 3 - OVERALL PLAN
SCALE: 3/32" = 1'-0"

GRAPHIC LEGEND

- 1 - HOUR FIRE RATING
- 2 - HOUR FIRE RATING
- FUTURE WALL BUILD-OUT
- PH PANIC HARDWARE
- FLOOR BOX
- FLOOR BOX_DATA
- A000X WALL TYPE SEE SHEET A9.2.1
- EXIT SIGN
- STAINLESS WALL PROTECTION GUARD SEE SHEET A7.0.2 FOR TYPICAL MOUNTING DETAIL RELATED TO WALL DEVICES
- CONCRETE SHEAR WALL AND RETAINING WALL
- CATWALK
- CG STAINLESS CORNER GUARD
- VIVARIUM PROGRAM SPACE

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL)
3. BARRIER SUITE BOUDARY LINE: THE AREA TRANSITION FROM LAB TO PUBLIC.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DP4 - IFC		28 MAR 2017
DSA RECORD SET		28 MAR 2017
DP4 - CD 95%		23 FEB 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP4 - CD 65%		15 DEC 2016
DP2B - CD 75%		08 NOV 2016
DP4 - CD 35%		03 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIEFENDERFER C-8790 8-31-19 RENEW STATE OF CALIFORNIA

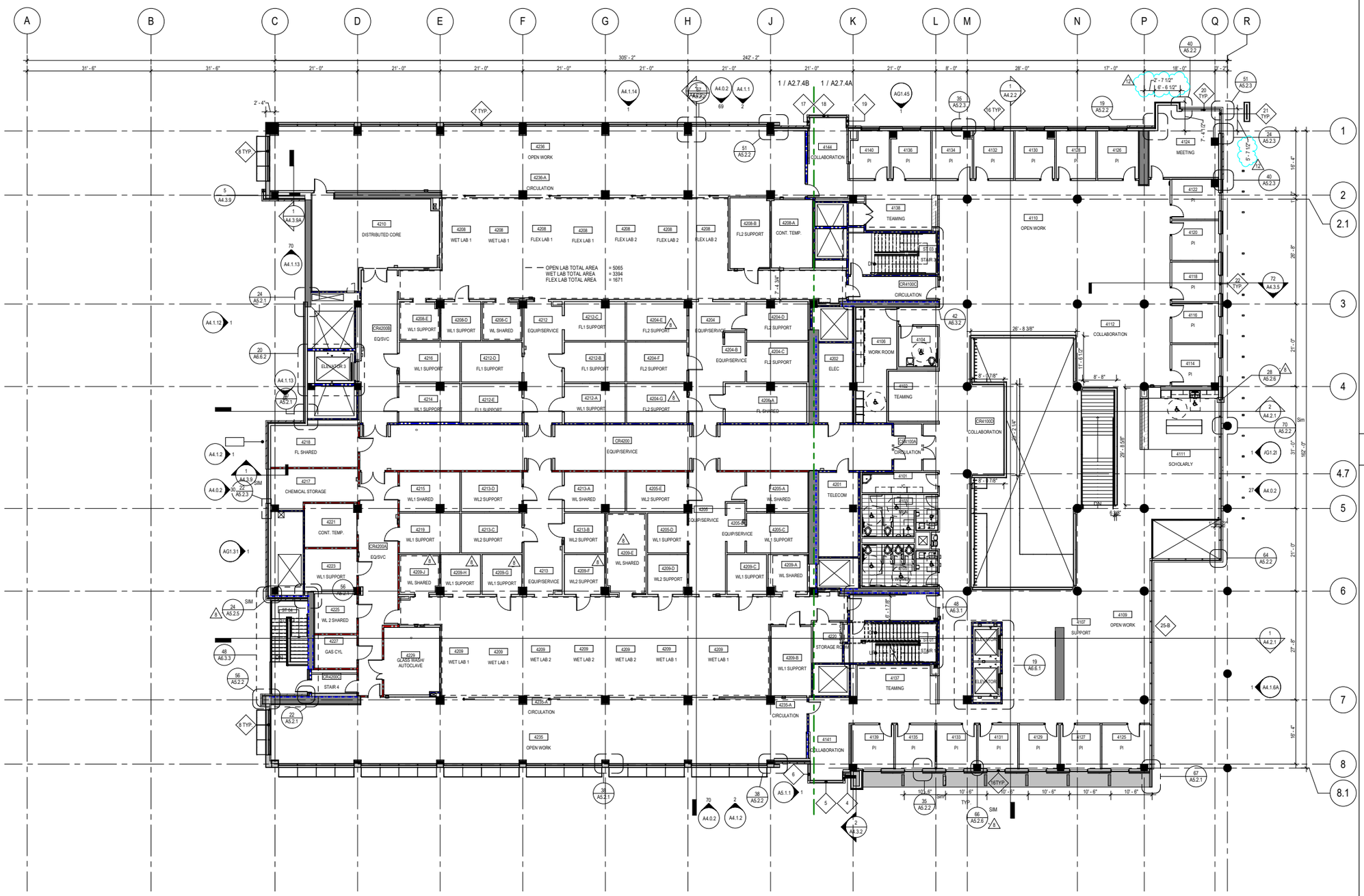
NORTH

SHEET TITLE
LEVEL 3 - OVERALL PLAN

21377.000
PROJECT NUMBER

A2.3
SHEET NUMBER

Author
Plot Date: 2/19/2018 2:12:17 PM



1 LEVEL 4 - OVERALL PLAN
SCALE: 3/32" = 1'-0"

GRAPHIC LEGEND

- 1 - HOUR FIRE RATING
- 2 - HOUR FIRE RATING
- FUTURE WALL BUILD-OUT
- PH PANIC HARDWARE
- FLOOR BOX
- FLOOR BOX_DATA
- A000X WALL TYPE SEE SHEET A9.2.1
- EXIT SIGN
- STAINLESS WALL PROTECTION GUARD SEE SHEET A7.0.2 FOR TYPICAL MOUNTING DETAIL RELATED TO WALL DEVICES
- CONCRETE SHEAR WALL AND RETAINING WALL
- CATWALK
- CG STAINLESS CORNER GUARD
- VIVARIUM PROGRAM SPACE

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL).
3. BARRIER SUITE BOUDARY LINE: THE AREA TRANSITION FROM LAB TO PUBLIC.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BULLETIN 12	12	18 JAN 2018
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DP4 - IFC		28 MAR 2017
DSA RECORD SET		28 MAR 2017
DP4 - CD 95%		23 FEB 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP4 - CD 65%		15 DEC 2016
DP2B - CD 75%		08 NOV 2016
DP4 - CD 35%		03 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIEFENDERFER C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

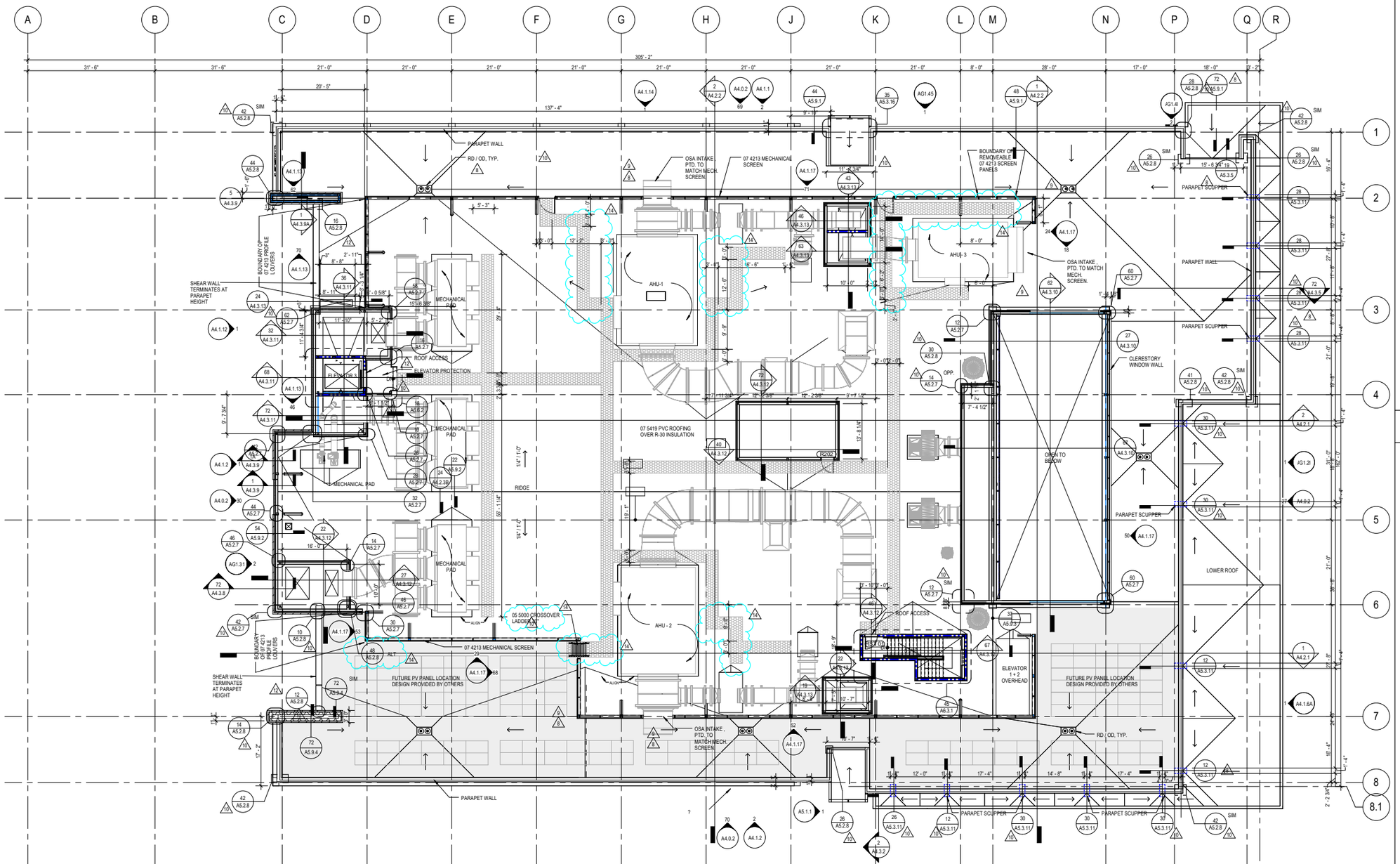
NORTH

SHEET TITLE
LEVEL 4 - OVERALL PLAN

21377.000
PROJECT NUMBER

A2.4
SHEET NUMBER

Author
1/18/2018 4:31:00 PM
Plot Date:



1 PENTHOUSE - OVERALL PLAN
SCALE: 3/32" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE G0.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.

D. REFER TO THE "REFERENCE ELEVATION DEFINITIONS" LOCATED IN THE A0.X SERIES SHEETS FOR ROOF ELEVATION DEFINITIONS.

E. REFER TO THE A5.X SERIES SHEETS FOR ROOFING DETAILS.

F. ROOF ASSEMBLIES SHALL BE MINIMUM OF CLASS B FIRE CLASSIFICATION, OR AS SPECIFIED IN THE PROJECT MANUAL.

G. ALL SLOPES TO BE 1/4" PER FOOT MIN. U. N. O.

H. ROOF INSULATION TO BE R-30 (R-25 AT DRAINS)

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL)
3. BARRIER SUITE BOUDARY LINE; THE AREA TRANSITION FROM LAB TO PUBLIC.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BULLETIN 14	14	02 APRIL 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP4 - IFC		28 MAR 2017
DSA RECORD SET		28 MAR 2017
DP2B - IFC		24 JAN 2017
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEFENDERFER
C-8790
6-31-19
RENEWAL DATE
STATE OF CALIFORNIA

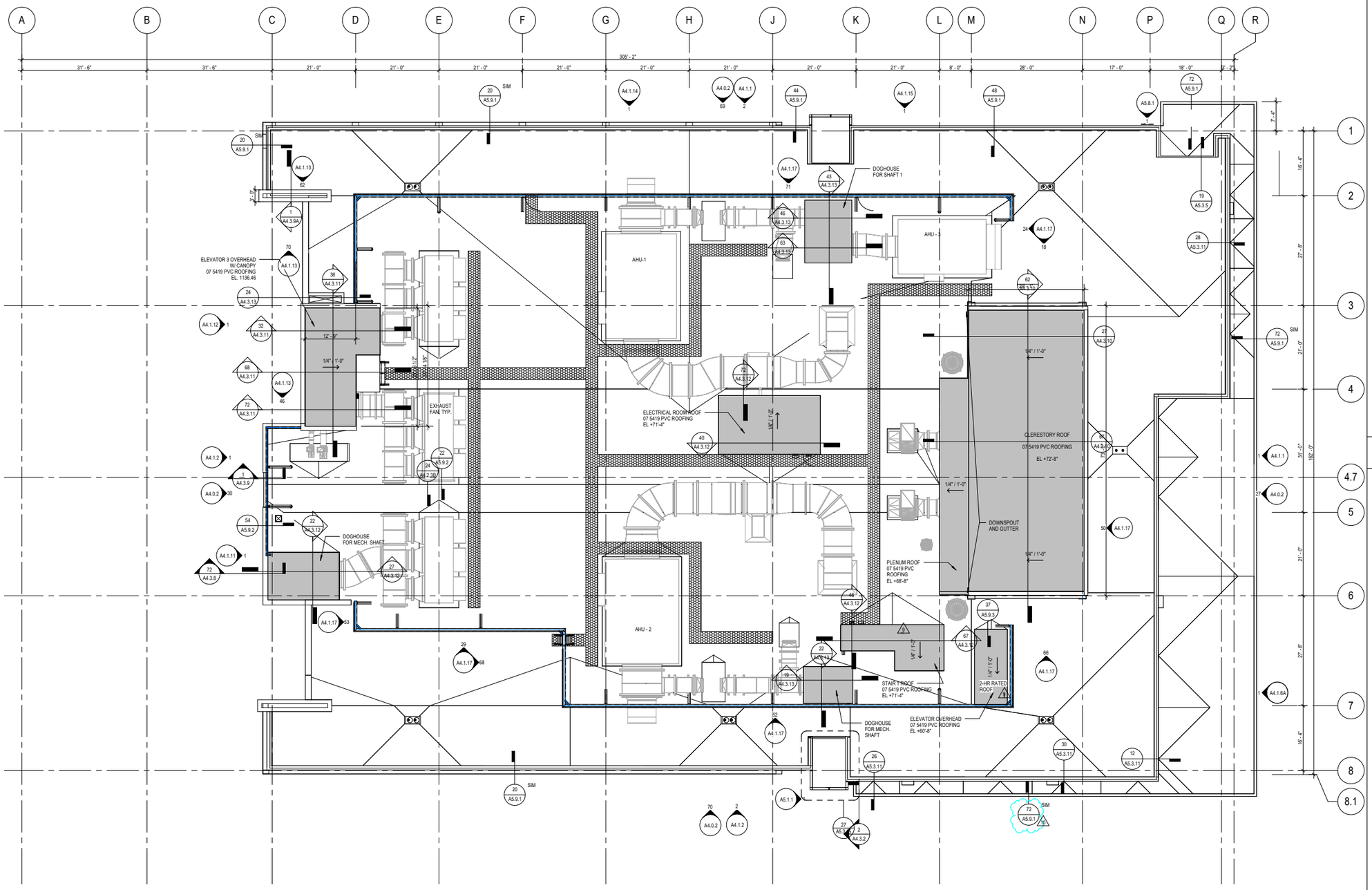
NORTH

SHEET TITLE
PENTHOUSE - OVERALL PLAN

PROJECT NUMBER
A2.5

SHEET NUMBER

Plot Date: 4/2/2018 11:52:11 AM Author



1 ROOF PLAN
SCALE: 3/32" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE G2.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.

D. REFER TO THE "REFERENCE ELEVATION DEFINITIONS" LOCATED IN THE A0.X SERIES SHEETS FOR ROOF ELEVATION DEFINITIONS.

E. REFER TO THE A5.X SERIES SHEETS FOR ROOFING DETAILS.

F. ROOF ASSEMBLIES SHALL BE MINIMUM OF CLASS B FIRE CLASSIFICATION, OR AS SPECIFIED IN THE PROJECT MANUAL.

G. ALL SLOPES TO BE 1/4" PER FOOT MIN. U. N. O.

H. ROOF INSULATION TO BE R-30 (R-25 AT DRAINS)

GENERAL SHEET NOTES

1. CALLOUTS TO EXTERIOR INFORMATION IS PROVIDED ON THE OVERALL PLANS. CALLOUTS TO INTERIOR INFORMATION IS LOCATED ON THE 1/8" PLANS. SEE A4.2.3 FOR CALLOUTS TO BELOW GRADE SECTIONS.
2. MEDICAL GAS STORAGE TO MEET CFC CH. 53-5306 REQUIREMENTS (TYPICAL).
3. BARRIER SUITE BOUDARY LINE; THE AREA TRANSITION FROM LAB TO PUBLIC.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP JJR
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DUFFREMEIN C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

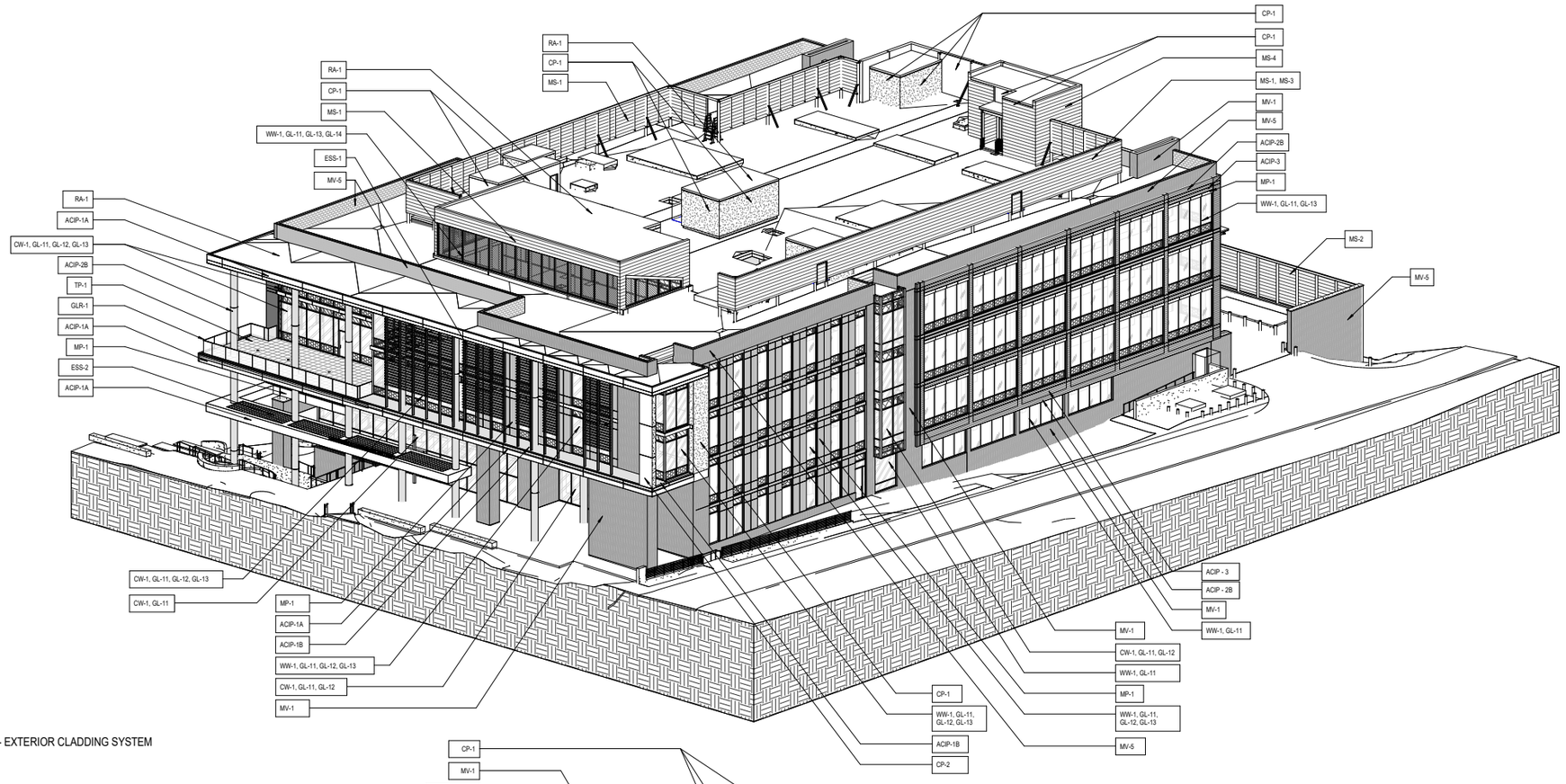
NORTH

SHEET TITLE
ROOF - OVERALL PLAN

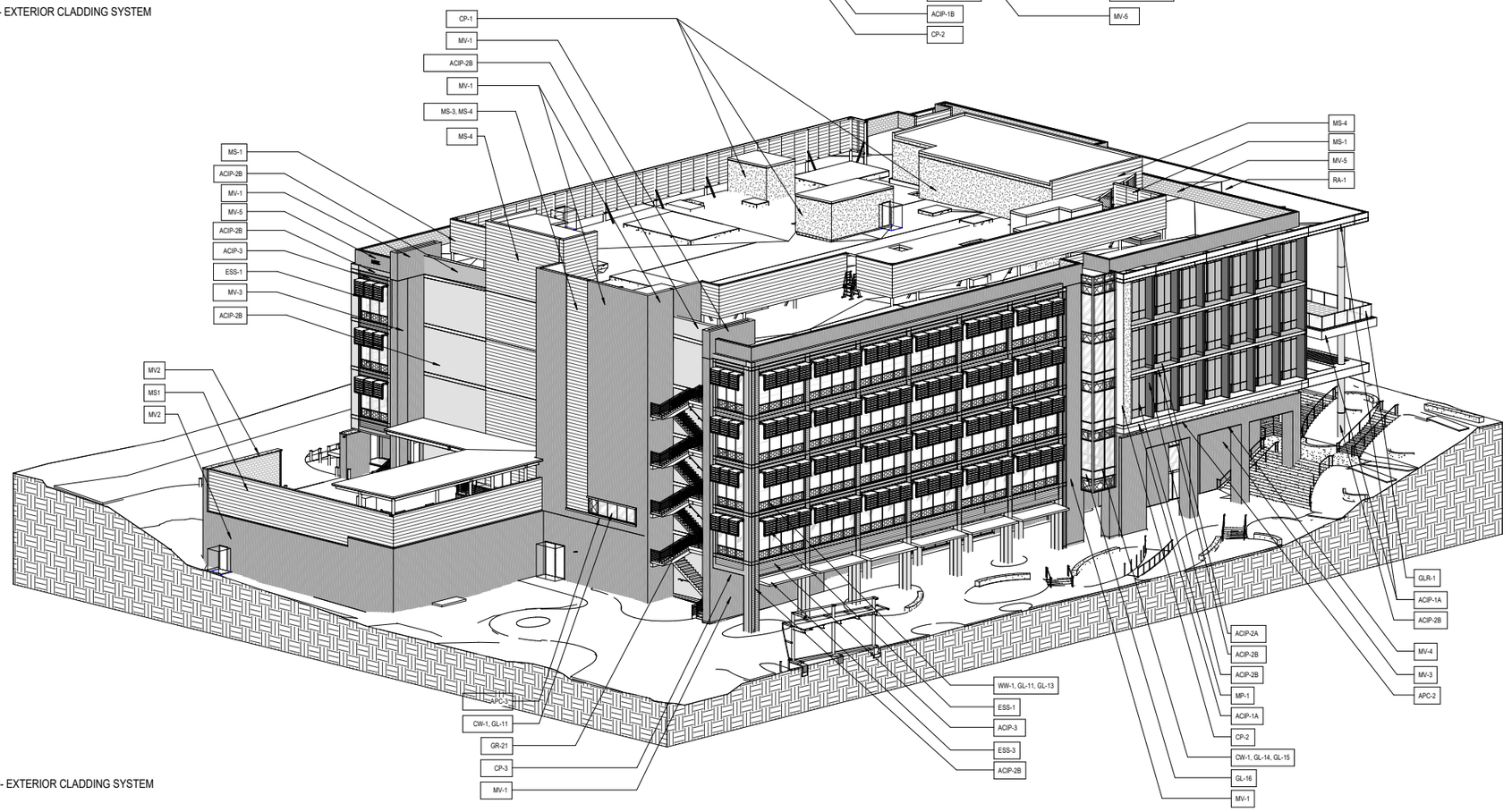
21377.000
PROJECT NUMBER

A2.6
SHEET NUMBER

Author
10/5/2017 5:02:29 PM
Plot Date:



1 NE DIAGRAM- EXTERIOR CLADDING SYSTEM
SCALE:



2 SW DIAGRAM- EXTERIOR CLADDING SYSTEM
SCALE:

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7" IPE
APC-1 – PRE-CAST COCRETE WALL CAP
APC-2 – PRE-CAST COCRETE WALL LEDGER
APC-3 – PRE-CAST COCRETE WALL LEDGER

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
C-8790
8-31-19
STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR CLADDING SYSTEM LEGEND

PROJECT NUMBER
A4.0.0
SHEET NUMBER

Plot Date: 11/19/2018 5:17:38 PM Author

MASONRY

TAG	DESCRIPTION	BRICK TYPE	COURSING	AIR & MOISTURE BARRIER	INSULATION	SEISMIC ANCHOR BASIS OF DESIGN	MORTAR COLOR	HORIZONTAL SEALANT JOINTS COLOR	VERTICAL SEALANT JOINTS COLOR	DRIFT JOINT COLOR
MV-1A	MASONRY VENEER ON STUD WALL @ RACKING CONDITIONS (SEE A4.0.1)	UCR STANDARD BRICK	1/3 BOND	AB-1	XPS-5	BT-1	Type S/#231 SHORELINE	S-1	S-1	DOW-"Adobe Tan"
MV-1B	MASONRY VENEER ON STUD WALL @ DRIFT CONDITIONS (SEE A4.0.1)	UCR STANDARD BRICK	1/3 BOND	AB-1	XPS-5	BT-2	Type S/#231 SHORELINE	S-1	S-1	DOW-"Adobe Tan"
MV-2	MASONRY VENEER ON CONCRETE MASONRY UNITS WITH INSULATION	UCR STANDARD BRICK	1/3 BOND	AB-1	XPS-5	BT-1	Type S/#231 SHORELINE	S-1	S-1	DOW-"Adobe Tan"
MV-3	MASONRY VENEER ON STRUCTURAL CONCRETE	UCR STANDARD BRICK	1/3 BOND	AB-1	XPS-5	BT-1	Type S/#231 SHORELINE	S-1	S-1	DOW-"Adobe Tan"
MV-4	MASONRY VENEER ON CONCEALED LINTEL	UCR STANDARD BRICK	1/3 BOND	AB-1	XPS-5	BT-1	Type S/#231 SHORELINE	S-1	S-1	DOW-"Adobe Tan"
MV-5	MASONRY VENEER ON CONCRETE MASONRY UNITS WITHOUT INSULATION	UCR STANDARD BRICK	1/3 BOND	AB-1	N/A	BT-1	Type S/#231 SHORELINE	S-1	S-1	DOW-"Adobe Tan"

PREFINISHED ALUMINUM FLASHING COLOR CHART

TAG	BRICK	METAL PANEL	WINDOW JAMB	WINDOW SILL	WINDOW HEAD
BRICK	MATCH BRICK WHERE VISIBLE	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"
METAL PANEL	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"

METAL PANEL

TAG	DESCRIPTION	PANEL TYPE	BASIS OF DESIGN	AIR & MOISTURE BARRIER	INSULATION	PANEL COLOR	SEALANT JOINTS COLOR
MP-1	Prefinished Aluminum Metal Wall Panel Rain Screen Assembly	ALUMINUM COMPOSITE PANEL	ALPOLIC /PE	DOW-"DEFEND AIR 200"	MW-3	Alpolic "MTLC PEX PWTR"	S-5
MS-1	Prefinished Metal Wall Panel Screen Assembly on stud	16 GA. FORMED METAL WALL PANELS	Centria Concept Series® Concealed Fastener Panels CS-260 with MircoSeam corners	N/A	N/A	Centria 9967 XL Pewter	S-5
MS-2	Prefinished Metal Wall Panel Screen Assembly on cmu	16 GA. FORMED METAL WALL PANELS	Centria Concept Series® Concealed Fastener Panels CS-260 with MircoSeam corners	N/A	N/A	Centria 9967 XL Pewter	S-5
MS-3	Prefinished Louver Metal Wall Panel Screen Assembly	16 GA. FORMED METAL WALL PANELS	Centria Profile Series Louvers to match Concept Series® Concealed Fastener Panels CS-260	N/A	N/A	Centria 9967 XL Pewter	S-5
MS-4	Prefinished Metal Wall Panel Rain Screen Assembly	16 GA. FORMED METAL WALL PANELS	Centria Concept Series® Concealed Fastener Panels CS-260 with MircoSeam corners	AB-1	MW-3	Centria 9967 XL Pewter	S-5
MS-5	PREFINISHED STAINLESS STEEL WALL PANEL AT LOADING DOCK	1/8" FORMED STAINLESS STEEL METAL WALL PANELS		AB-1	MW-3	MATCH: Centria 9967 XL Pewter	S-5

SEALANT

TAG	SEALANT TYPE	DESCRIPTION	SEALANT JOINTS COLOR
S-1	JS-S1	SEALANT AT BRICK	ADOBE TAN
S-2	JS-S1	SEALANT AT WINDOWS	CHARCOAL
S-3	JS-S1	SEALANT AT CONCRETE JOINTS	GRAY
S-4	JS-S1	SEALANT AT PLASTER	TO MATCH "DEW383-COOL DECEMBER"
S-5	JS-S1	SEALANT AT METAL PANEL	CHARCOAL

EXTERIOR PAINT (DOORS)

TAG	DESCRIPTION	COATING
PNT-07	DEW383 COOL DECEMBER	HIGH PERFORMANCE COATING
PNT-10	SW 7068 GRIZZLE GREY	HIGH PERFORMANCE COATING
PNT-11	SW 7068 GRIZZLE GREY	HIGH PERFORMANCE COATING
PNT-12	DEW383 COOL DECEMBER	HIGH PERFORMANCE COATING
PNT-13	SW 7068 GRIZZLE GREY	HIGH PERFORMANCE COATING

ARCHITECTURAL CONCRETE, PRE-CAST CONCRETE & PLASTER

TAG	DESCRIPTION	TEXTURE	PLASTER APPLICATION	AIR & MOISTURE BARRIER BASIS OF DESIGN	INSULATION	COLOR	FINISH COAT	COATING COLOR	HORIZONTAL SEALANT JOINTS COLOR	VERTICAL SEALANT JOINTS COLOR
ACIP-1A	DIRECT APPLIED PLASTER COATED CONCRETE AT VERTICAL AND SOFFIT CONDITIONS	SMOOTH	2 COAT DIRECT APPLIED PLASTER	N/A	SEE DETAIL	N/A	PAREX-AQUASOL	DEW383-COOL DECEMBER	S-4	S-4
ACIP-1B	DIRECT APPLIED PLASTER COATED CONCRETE AT HORIZONTAL CONDITIONS	SMOOTH	2 COAT DIRECT APPLIED PLASTER	INTRGRATED PLASTER WATER RESISTIVE BARRIER	SAC-1	N/A	PAREX-AQUASOL	DEW383-COOL DECEMBER	S-4	S-4
ACIP-2A	EXPOSED CONCRETE AT HORIZONTAL CONDITIONS	SMOOTH	N/A	Soprema Reinforced PMMA Waterproofing System	SAC-1	N/A	N/A	GRAY TO MATCH CONCRETE	S-3	S-3
ACIP-2B	EXPOSED CONCRETE AT VERTICAL AND SOFFIT CONDITIONS	SMOOTH	N/A	Prosoco SLX100 Water & Oil Repellent	SAC-1	N/A	N/A	CLEAR	S-3	S-3
ACIP-3	CONCRETE WITH FORMLINER	Spec Formliner, "Saw Tooth"	N/A	Prosoco SLX100 Water & Oil Repellent	SAC-1	N/A	N/A	CLEAR	S-3	S-3
APC-1	PRE-CAST CONCRETE WALL CAP	SMOOTH	N/A	Prosoco SLX100 Water & Oil Repellent	N/A	VALORI PRECAST-"GRIS SMOOTH"	N/A	CLEAR	PER ADJACENT MATERIAL	MATCH PRECAST COLOR
APC-2	PRE-CAST CONCRETE LEDGER	SMOOTH	N/A	Prosoco SLX100 Water & Oil Repellent	N/A	VALORI PRECAST-"GRIS SMOOTH"	N/A	CLEAR	PER ADJACENT MATERIAL	MATCH PRECAST COLOR
APC-3	PRE-CAST CONCRETE LEDGER AT WEST ELEVATION	SMOOTH	N/A	Prosoco SLX100 Water & Oil Repellent	N/A	VALORI PRECAST-"BLANCO SMOOTH"	N/A	CLEAR	PER ADJACENT MATERIAL	MATCH PRECAST COLOR
CP-1	Integral Color Exterior Cement Plaster with insulation	SMOOTH	3 COAT PLASTER OVER METAL LATH	AB-1	XPS-10	N/A	PAREX-AQUASOL	DEW383-COOL DECEMBER	S-4	S-4
CP-2	Integral Color Exterior Cement Plaster without insulation	SMOOTH	3 COAT PLASTER OVER METAL LATH	AB-1	N/A	N/A	PAREX-AQUASOL	DEW383-COOL DECEMBER	S-4	S-4
CP-3	Integral Color Exterior Cement Plaster at Soffit	SMOOTH	3 COAT PLASTER OVER METAL LATH	AB-1	N/A	N/A	PAREX-AQUASOL	DEW383-COOL DECEMBER	S-4	S-4

EXTERIOR SUN SHADE

TAG	DESCRIPTION	HORIZONTAL SHADE ELEMENTS	HORIZONTAL MEMBERS COLOR	HORIZONTAL MEMBER ATTACHMENTS	HORIZONTAL SHADE PANEL	MISC. METAL FINISH COLOR
ESS-1	TERRACOTTA LOUVER CANOPY	2"X6" TERRA COTTA LOUVERS	NBK-"6.01 (GROUP 1)"	ALUMINUM CLIPS PROVIDED BY TERRACOTTA MANUFACTURER	Perforated Aluminum- "McNICHOLS® Quality Round Perforated, 3/16" Gauge Plain Steel, 3/16" Round on 5/16" Staggered"	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"
ESS-2	ENTRY PORCH CANOPY	2"X6" "IPE" MEMBERS	NATURAL FINISH	PAINTED GALVINIZED METAL "T" BRACKETS WELDED TO CONCRETE EMBEDS	N/A	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"
ESS-3	ARROYO METAL CANOPY	FORMED ALUMINUM PANELS	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	Tube steel with intermediate cold form steel framing WELDED TO CONCRETE EMBEDS	N/A	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"

GLAZING

TAG	DESCRIPTION	COATING	COATING COLOR	SHADOW BOX INNER PANEL COLOR	ACID ETCHED	LAMINATED
GL-11	1" IGU CLEAR VISION GLASS	PPG- SOLARBAN 70XL	CLEAR/CLEAR	N/A	N/A	N/A
GL-12	1" IGU SHADOW BOX 1	PPG- SOLARBAN 70XL	CLEAR/CLEAR	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"	ON SURFACE 3-"CLEAR WALKER VELOUR"	N/A
GL-13	1" IGU ACID ETCHED GLASS	PPG- SOLARBAN 70XL	CLEAR/CLEAR	N/A	ON SURFACE 3-"CLEAR WALKER VELOUR"	N/A
GL-14	1" IGU CLEAR VISION GLASS	PPG- SOLARBAN R100	CLEAR/CLEAR	N/A	N/A	N/A
GL-15	1" IGU SHADOW BOX 2	PPG- SOLARBAN R100	CLEAR/CLEAR	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"	ON SURFACE 3-"CLEAR WALKER VELOUR"	N/A
GL-16	1" IGU LAMINATED CLEAR VISION GLASS	PPG- SOLARBAN R100	CLEAR/CLEAR	N/A	N/A	LAMINATED BETWEEN 4 & 5
GL-17	1" IGU LAMINATED ACID ETCHED GLASS	PPG- SOLARBAN R100	CLEAR/CLEAR	N/A	ON SURFACE 3-"CLEAR WALKER VELOUR"	LAMINATED BETWEEN 4 & 5
GL-18	BREAK-OUT PANEL	PPG- SOLARBAN R100	CLEAR/CLEAR	N/A	N/A	N/A

WINDOW SYSTEMS

TAG	DESCRIPTION	BASIS OF DESIGN	FINISH	COLOR	SEALANT JOINTS COLOR
CW-1	7" CURTAIN WALL SYSTEM	Arcadia T500 (OPG2900) Series	High Performance Organic Finish, Two-Coat PVDF complying with AAMA 2605	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"	S-2
WW-1	6" WINDOW WALL SYSTEM	Arcadia TC650 (OPG25600) Series	High Performance Organic Finish, Two-Coat PVDF complying with AAMA 2605	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"	S-2

MISCELLANEOUS

TAG	DESCRIPTION	METAL PANEL	METAL PANEL COLOR	FRAME FINISH	FRAME COLOR
GR-1	Galvanized Steel Guardrail with Wire mesh infill panel	Perforated Aluminum- "McNICHOLS® Quality Round Perforated, 3/16" Gauge Plain Steel, 3/16" Round on 5/16" Staggered"	PPG Duranar Sunstorm "40. Pewter-UC70191F-SRI26"	Galvanized Steel Frame Finish: High Performance Organic Finish, Two-Coat PVDF complying with AAMA 2605	PPG Duranar Sunstorm "43. Medium Gray UC102662F SRI 16"

EXTERIOR INSULATION

TAG	SPEC NUMBER	DESCRIPTION	LOCATION
XPS-1	72100	Extruded-Polystyrene Board Insulation	BELOW GRAGE
XPS-4	72100	High Density Extruded-Polystyrene Board Insulation	BELOW LOADING DOCK
XPS-5	72100	High R-value Extruded-Polystyrene Board Insulation	BRICK CAVITY WALLS
EPS-1	92400	Molded Expanded Polystyrene Insulation board	PLASTER ON STUD FRAMED WALLS
PI-1	84413	FOIL FACED SEMI RIGID MINERAL WOOL	AT SHADOW BOX
MW-3	72100	Unfaced, Mineral-Wool Rain Screen/Cavity Wall Insulation	RAINSCREEN
MW-4	72100	Unfaced, Mineral-Wool Blanket Insulation	WHERE INSULATION REQUIRED BETWEEN STUDS
SAC-1	72100	Self-Supported, Spray-Applied Cellulose Insulation WITH COATING	INSIDE FACE OF EXPOSED CONCRETE

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017

SEALS AND SIGNATURES

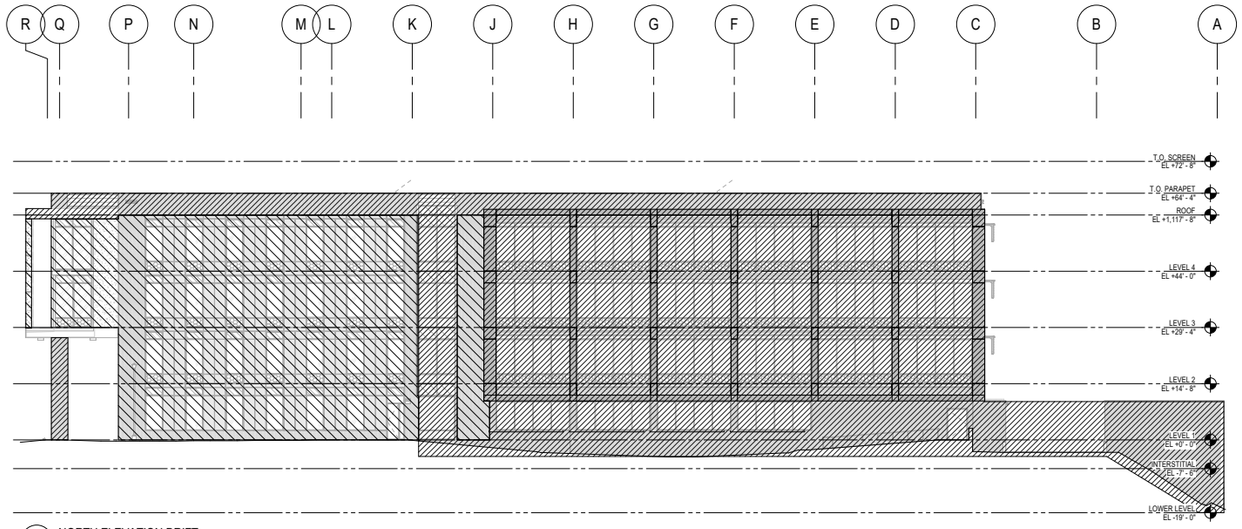
LICENSED ARCHITECT — REGISTERED PROFESSIONAL — C-8790 — 8-31-19 RENEWAL — STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR MATERIAL SCHEDULE

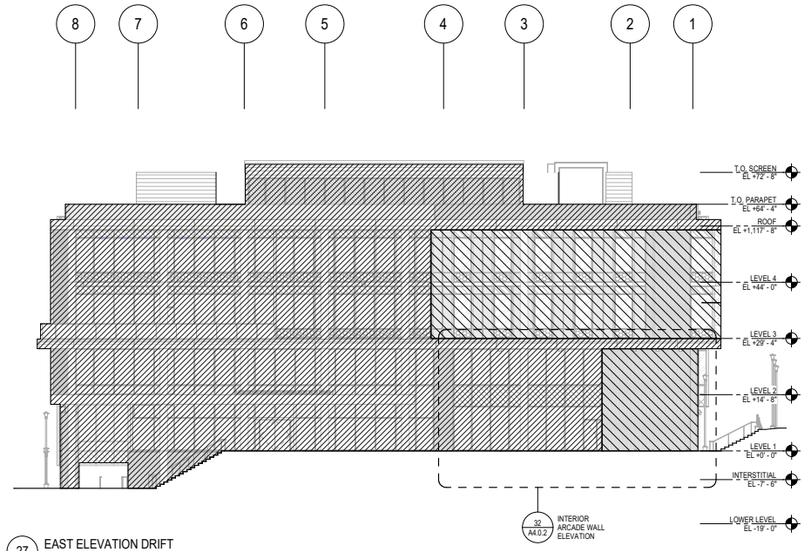
PROJECT NUMBER
A4.0.1

SHEET NUMBER

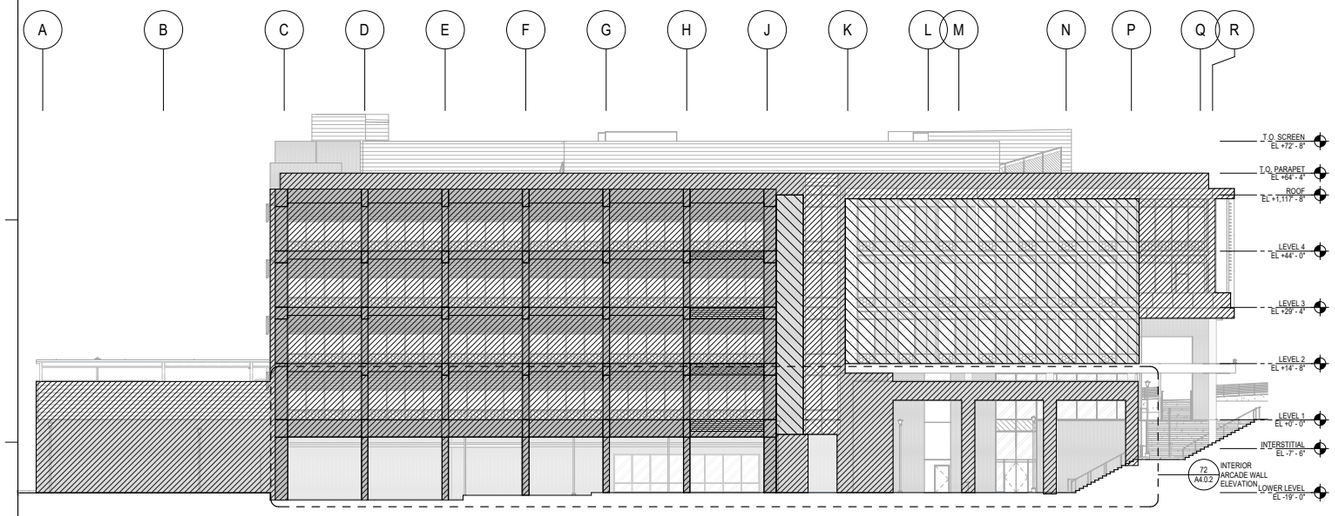
Plot Date: 11/19/2018 5:18:13 PM Author



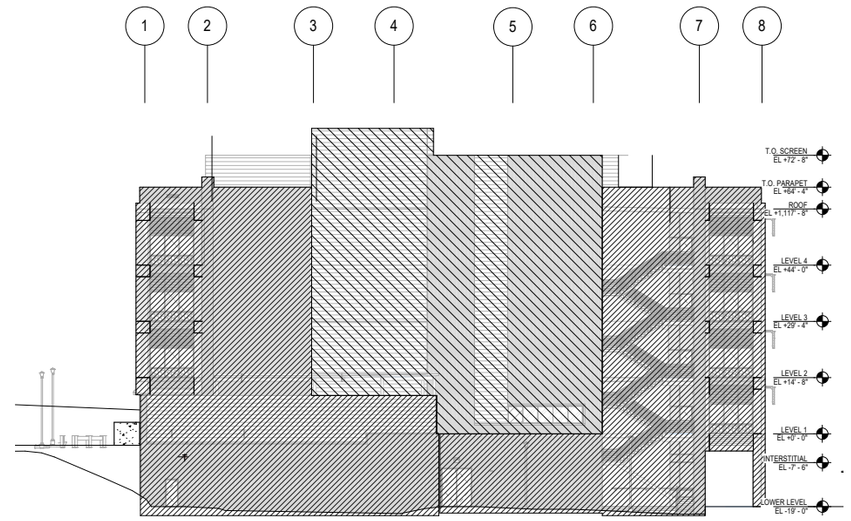
69 NORTH ELEVATION DRIFT
SCALE: 1/16" = 1'-0"



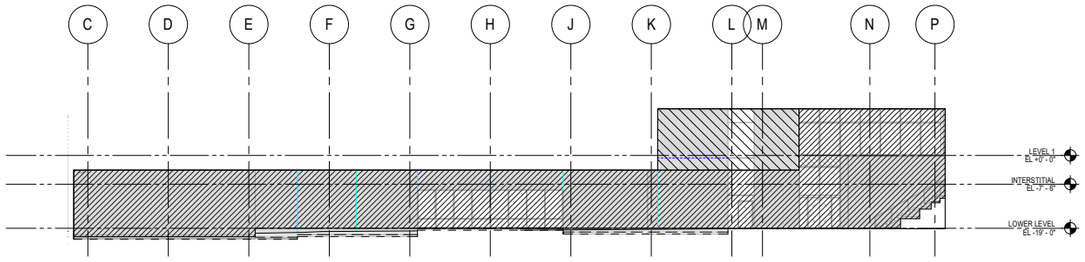
27 EAST ELEVATION DRIFT
SCALE: 1/16" = 1'-0"



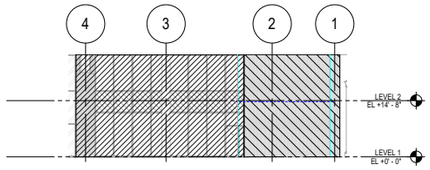
70 SOUTH ELEVATION DRIFT
SCALE: 1/16" = 1'-0"



30 WEST ELEVATION DRIFT
SCALE: 1/16" = 1'-0"



72 ARROYO ARCADE - NORTH ELEVATION DRIFT
SCALE: 1/16" = 1'-0"



32 ENTRY ARCADE - WEST ELEVATION DRIFT
SCALE: 1/16" = 1'-0"

DRIFT FRAMING
RACKING FRAMING

DRIFT LEGEND

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017

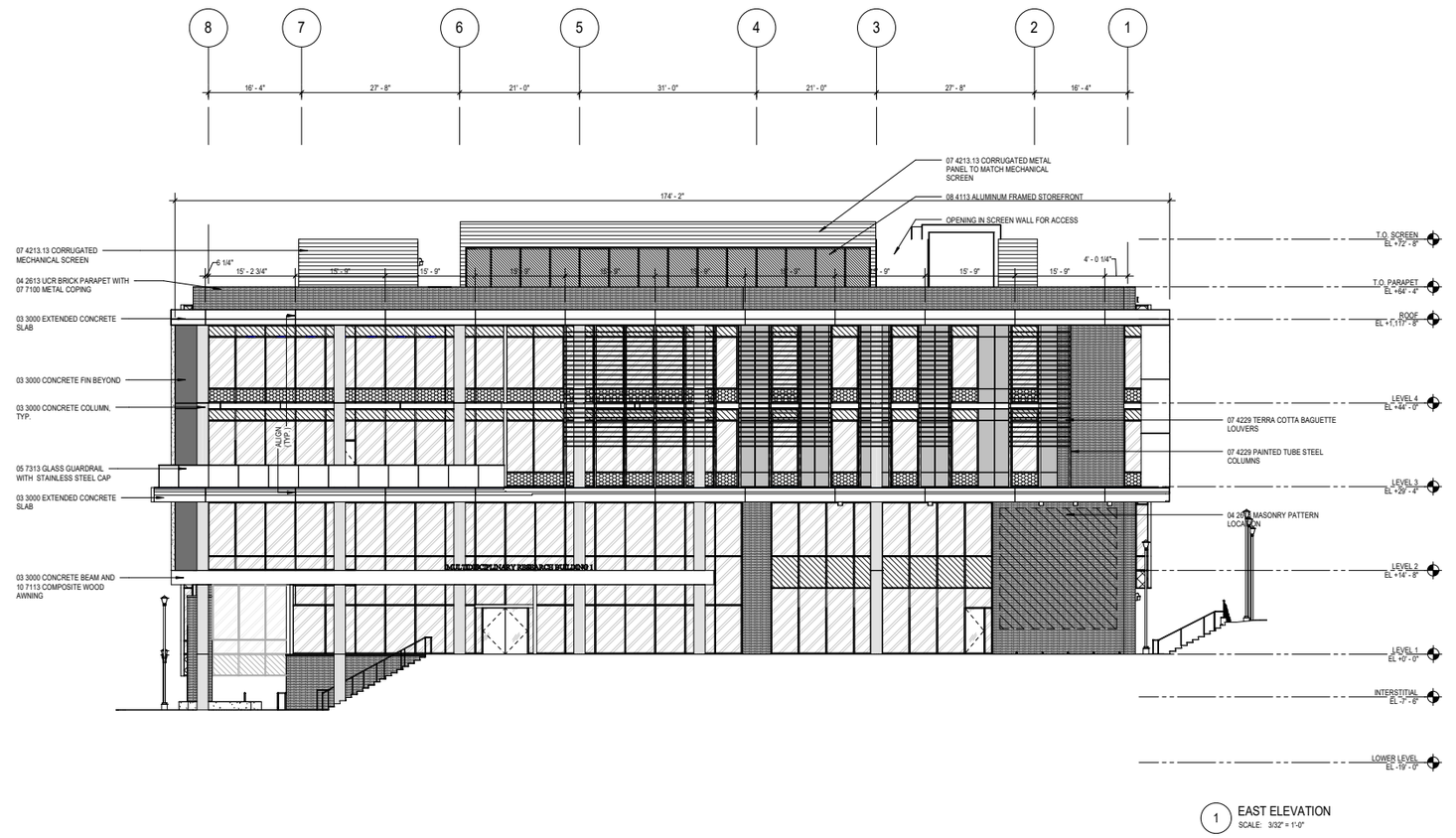
SEALS AND SIGNATURES

LICENSED ARCHITECT
JULIANA THEODOSIS
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

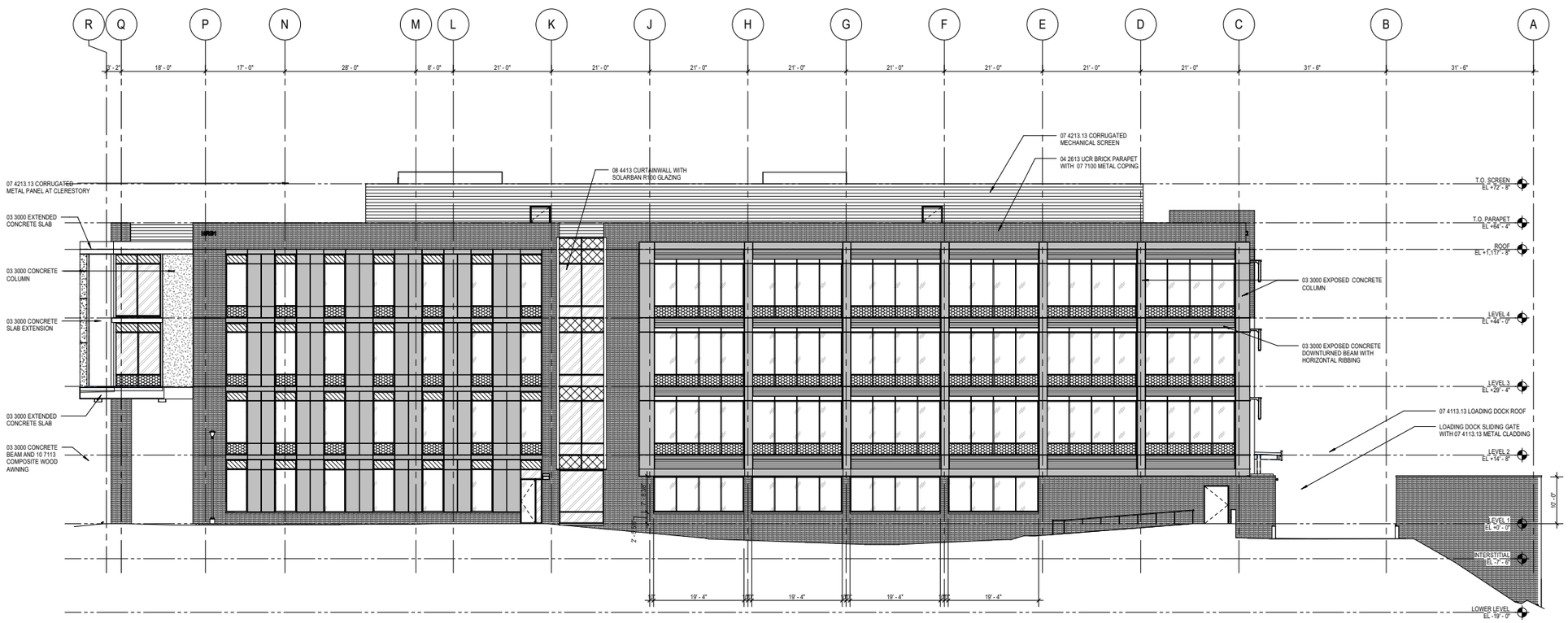
SHEET TITLE
DRIFT JOINT

PROJECT NUMBER
A4.0.2
SHEET NUMBER

Plot Date: 11/19/2018 5:18:47 PM Author



1 EAST ELEVATION
SCALE: 3/32" = 1'-0"



2 NORTH ELEVATION
SCALE: 3/32" = 1'-0"

GRAPHIC LEGEND

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM .40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7" IPE
APC-1 – PRE-CAST CONCRETE WALL CAP
APC-2 – PRE-CAST CONCRETE WALL LEDGER
APC-3 – PRE-CAST CONCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

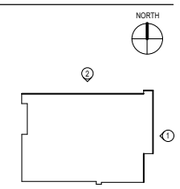
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		28 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENDERFER
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

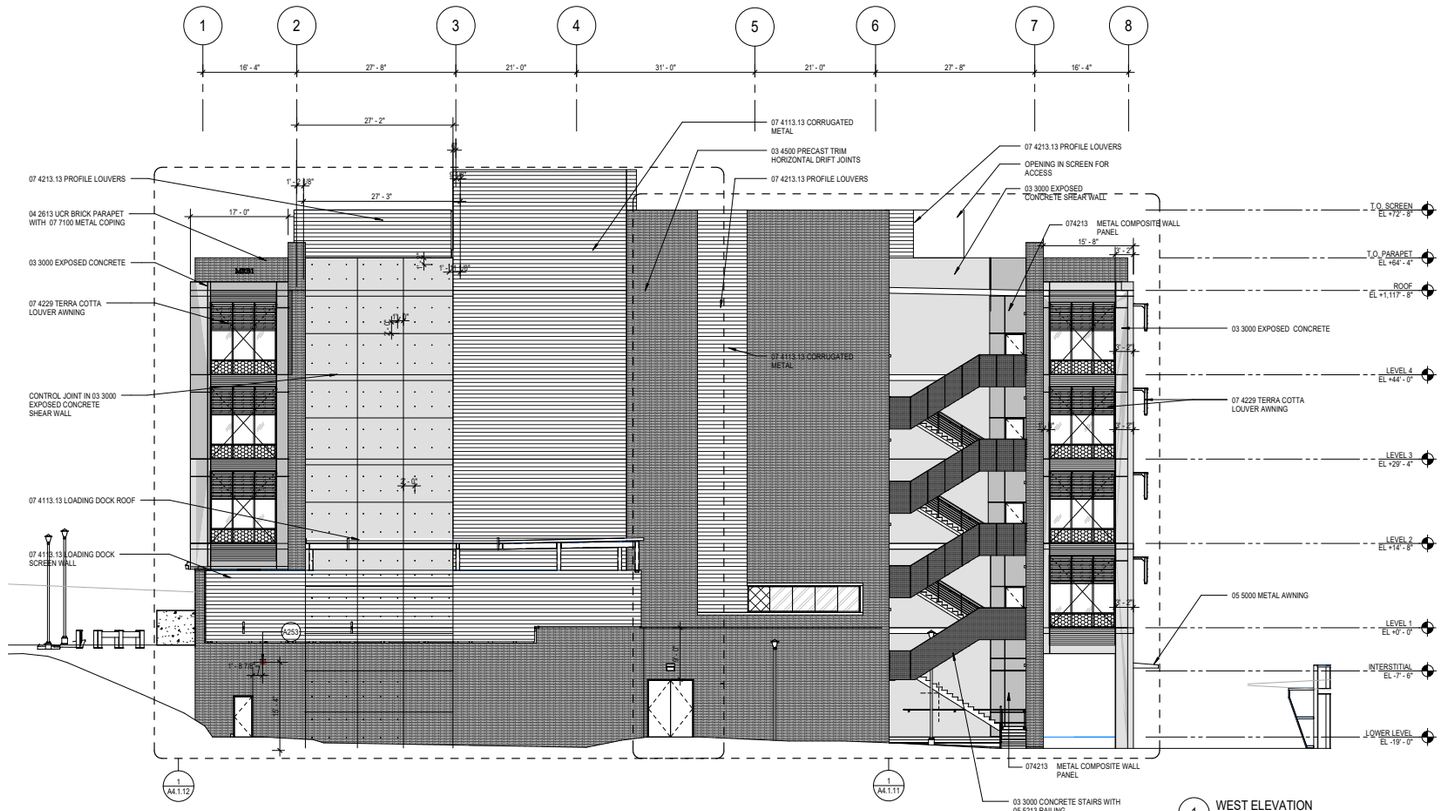
KEYPLAN



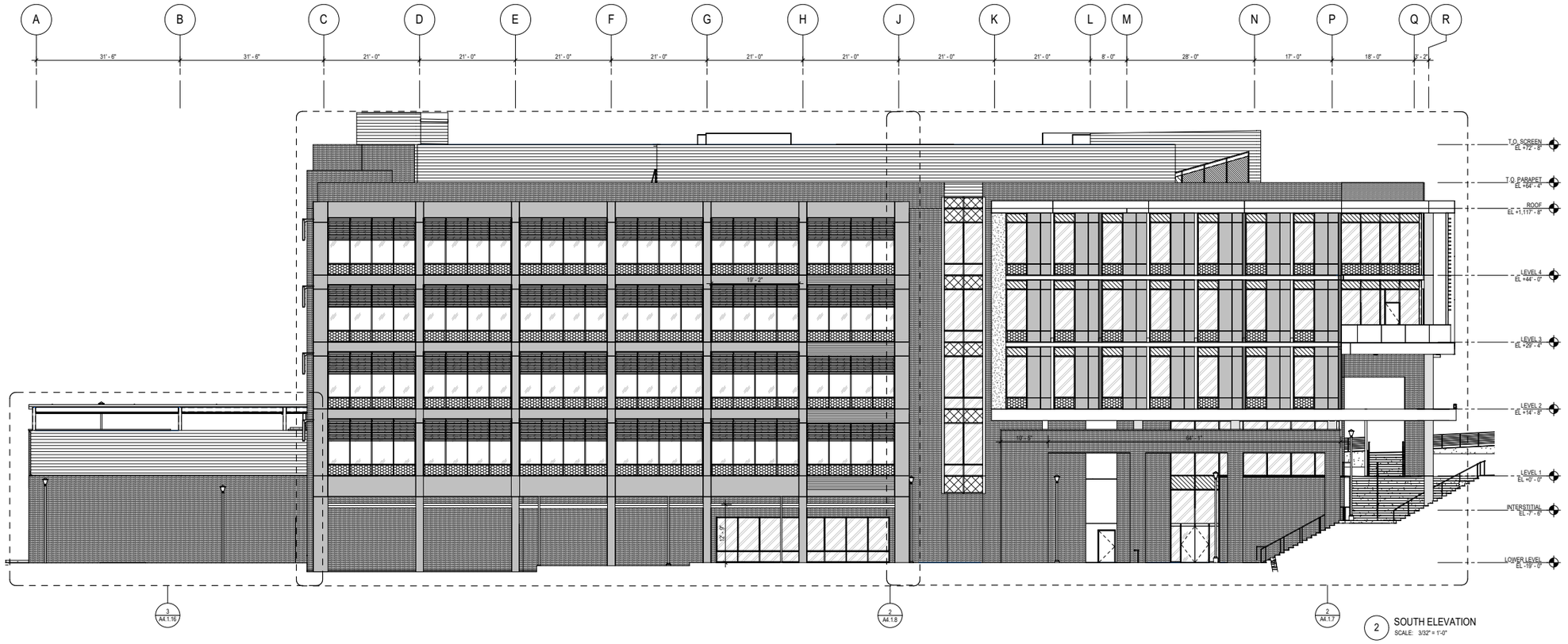
SHEET TITLE
BUILDING ELEVATION - NORTH AND EAST

PROJECT NUMBER
A4.1.1
SHEET NUMBER

Plot Date: 11/19/2018 5:19:03 PM Author



1 WEST ELEVATION
SCALE: 3/32" = 1'-0"



2 SOUTH ELEVATION
SCALE: 3/32" = 1'-0"

Author

11/19/2018 5:19:34 PM

Plot Date:

GRAPHIC LEGEND

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

- **GL-11** CLEAR VISION GLASS 1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O
- **GL-12** SHADOW BOX 1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O
- **GL-13** CLEAR VISION (ACID ETCHED) 1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O
- **GL-14** VISION GLASS 1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
- **GL-15** SHADOW BOX 1" IGU - PPG CLEAR SOLARBAN R100 U.N.O CLEAR VISION (ACID ETCHED)
- **GL-16** LAMINATED CLEAR VISION 1" IGU - PPG CLEAR SOLARBAN R100
- **GL-17** LAMINATED CLEAR VISION (ACID ETCHED) 1" IGU - PPG CLEAR SOLARBAN R100

- **MP-1** PREFINISHED METAL WALL PANEL RAINSCREEN ASSEMBLY
- **MS-1** – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
  MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
  MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
  MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY
- **CP-1** - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
  CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
  CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT
- **ACIP-1 (A,B)** CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
  1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
  1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM
- **ACIP-2** (A,B) CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
  2A- WITH REINFORCED WATERPROOFING
  2B - WITH CLEAR WATERPROOFING
- **ACIP-3** CAST IN PLACE ARCHITECTURAL FINISH CONCRETE "SAWTOOTH" FORM LINER
- **MV-1** – MASONRY VENEER ON STUD WALL
  MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
  MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
  MV-4 – MASONRY VENEER ON CONCEALED LINTEL
  MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

- **BGW-1** – BELOW GRADE WALL
- **RA-1** – ROOF ASSEMBLY
- **TP-1** – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
- **CW-1** – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
- **WW-1** – FACETED WINDOW WALL 6" SYSTEM
- **GLR-1** – LINEAR CHANNEL GLASS RAILING
- **ESS-1** – EXTERIOR SUN SHADE
- **ESS-2** – PORCH CANOPY
- **ESS-3** – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
- **GR-1** – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
- **AL-22** – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
- **GS-21** – GALVANIZED STEEL FRAME FINISH
- **TC-1** – TERRA COTTA LOUVERS
- **WD-2** – CANOPY MEMBER 2"X6"X7' IPE
- **APC-1** – PRE-CAST COCRETE WALL CAP
- **APC-2** – PRE-CAST COCRETE WALL LEDGER
- **APC-3** – PRE-CAST COCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

SHEET KEYNOTES

A253 SECURITY CAMERA

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEFENDERFER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

KEYPLAN NORTH

SHEET TITLE
BUILDING ELEVATION - SOUTH AND WEST

PROJECT NUMBER
A4.1.2
SHEET NUMBER



1 ENLARGED - EAST ELEVATION A NO SCREEN
SCALE: 1/4" = 1'-0"

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11 CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12 SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13 CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14 VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15 SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16 LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17 LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1 PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 - PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 3"X3"X7" IPE
APC-1 – PRE-CAST COCRETE WALL CAP
APC-2 – PRE-CAST COCRETE WALL LEDGER
APC-3 – PRE-CAST COCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT REGINALD I. DESMOND C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

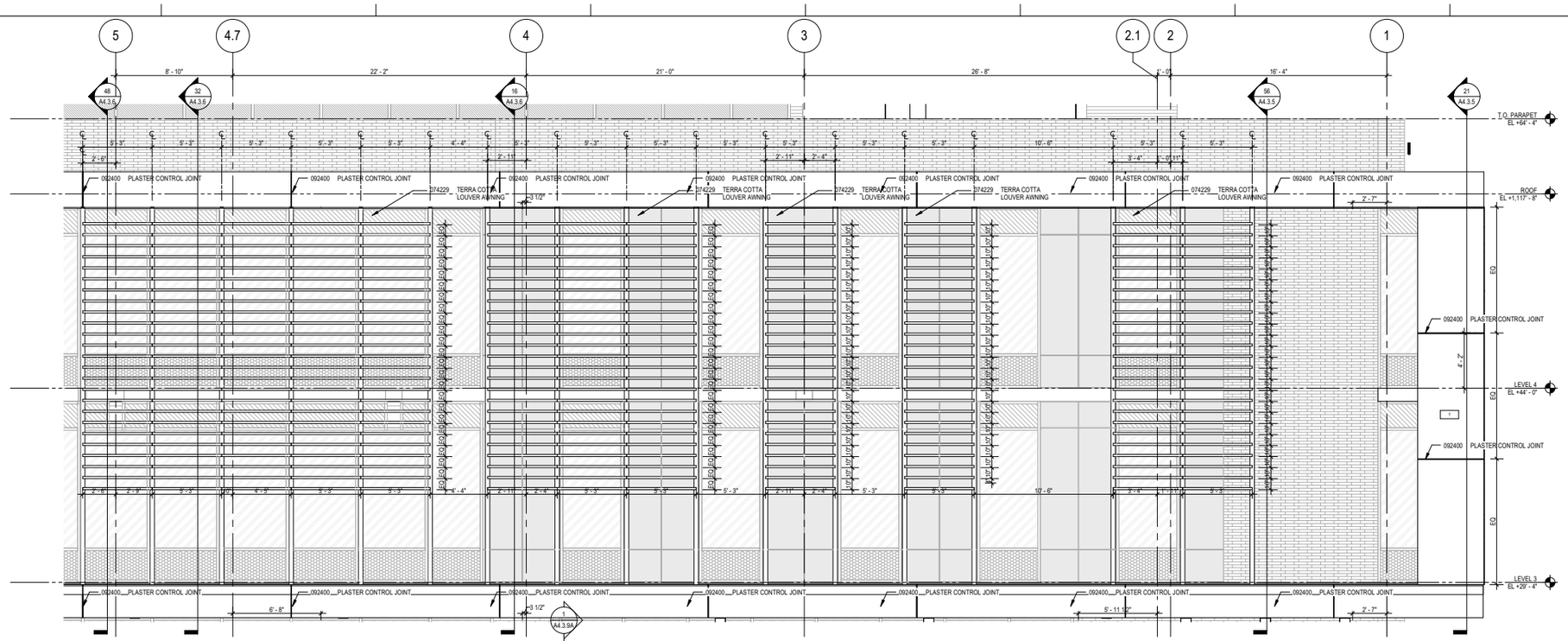
KEYPLAN

NORTH

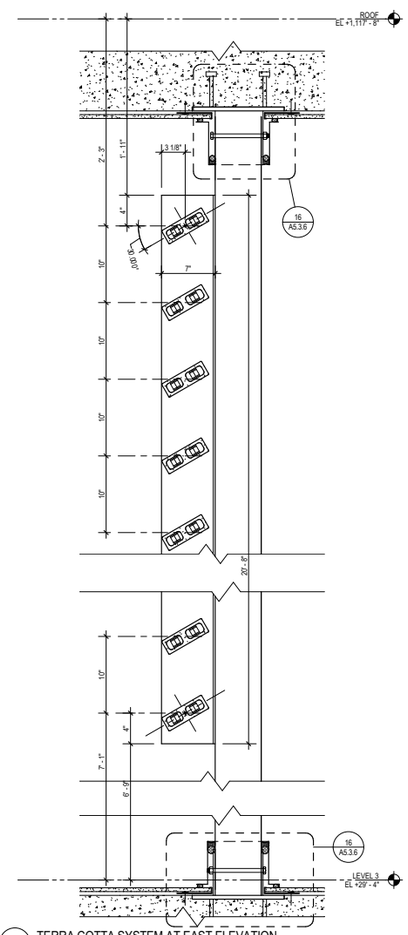
SHEET TITLE
BUILDING ELEVATION - EAST A

PROJECT NUMBER
A4.1.3
SHEET NUMBER

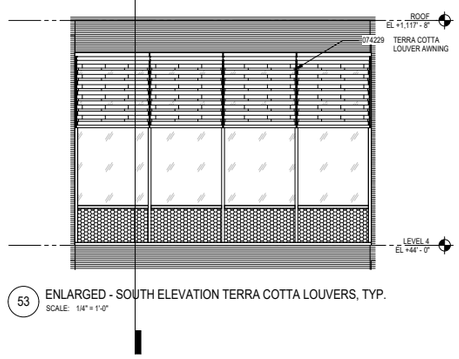
Plot Date: 11/19/2018 5:19:48 PM Author



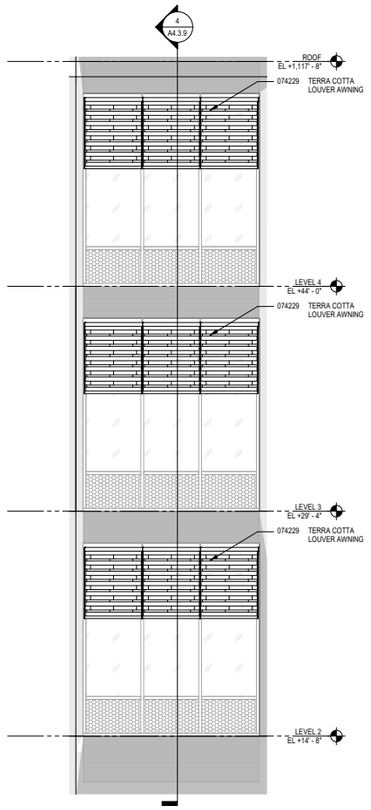
68 ENLARGED - EAST ELEVATION A TERRA COTTA LOUVERS
SCALE: 1/4" = 1'-0"



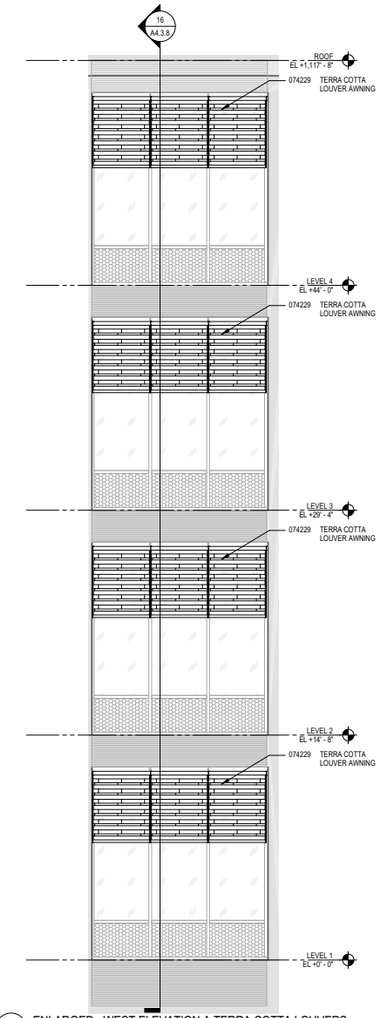
72 TERRA COTTA SYSTEM AT EAST ELEVATION
SCALE: 1 1/2" = 1'-0"



53 ENLARGED - SOUTH ELEVATION TERRA COTTA LOUVERS, TYP.
SCALE: 1/4" = 1'-0"



39 ENLARGED - WEST ELEVATION B TERRA COTTA LOUVERS
SCALE: 1/4" = 1'-0"



24 ENLARGED - WEST ELEVATION A TERRA COTTA LOUVERS
SCALE: 1/4" = 1'-0"

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11 CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12 SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13 CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14 VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15 SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16 LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17 LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1 PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B) CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B) CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3 CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 8" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7" IPE
APC-1 – PRE-CAST CONCRETE WALL CAP
APC-2 – PRE-CAST CONCRETE WALL LEDGER
APC-3 – PRE-CAST CONCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

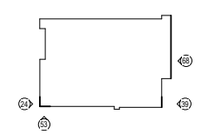
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA
C-8790
6-31-19
RENEWAL DATE

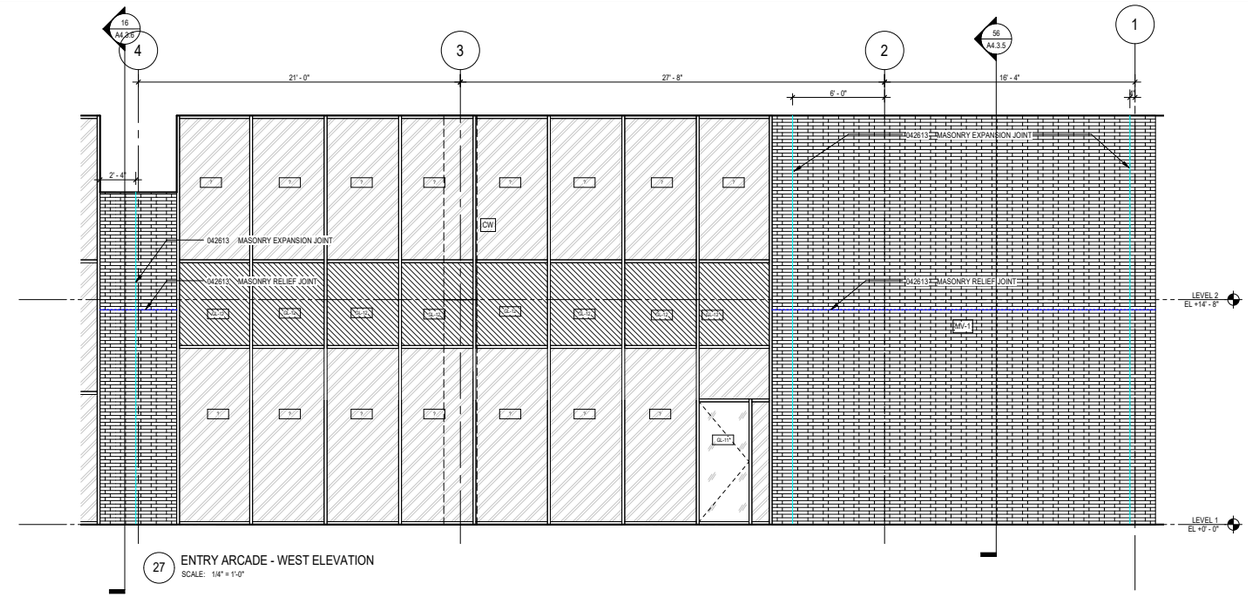
KEYPLAN



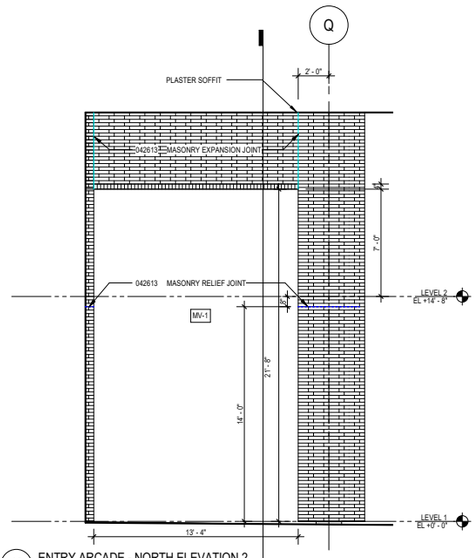
SHEET TITLE
BUILDING ELEVATION - EAST A - FRONT

PROJECT NUMBER
A4.1.4
SHEET NUMBER

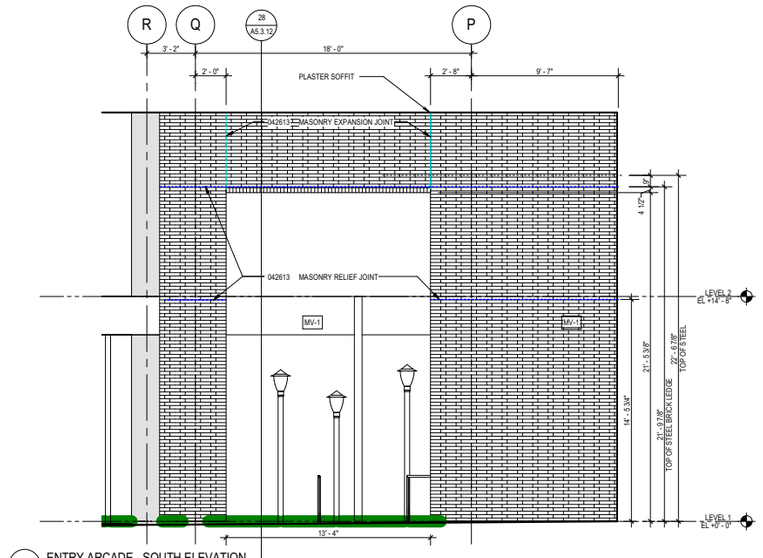
Author
11/19/2018 5:20:06 PM
Plot Date:



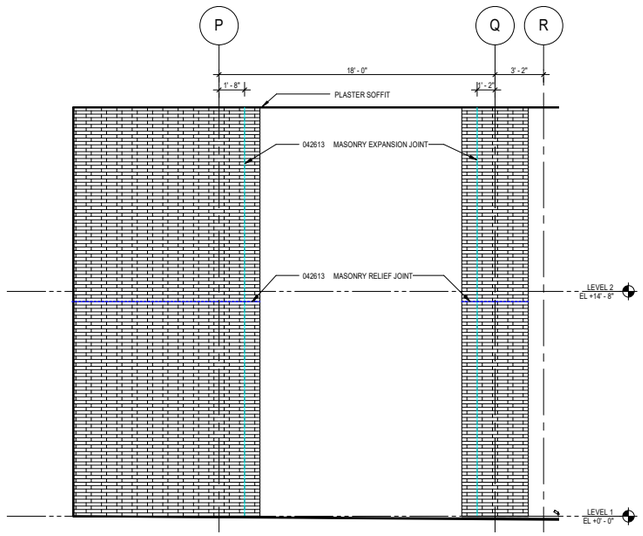
27 ENTRY ARCADE - WEST ELEVATION
SCALE: 1/4" = 1'-0"



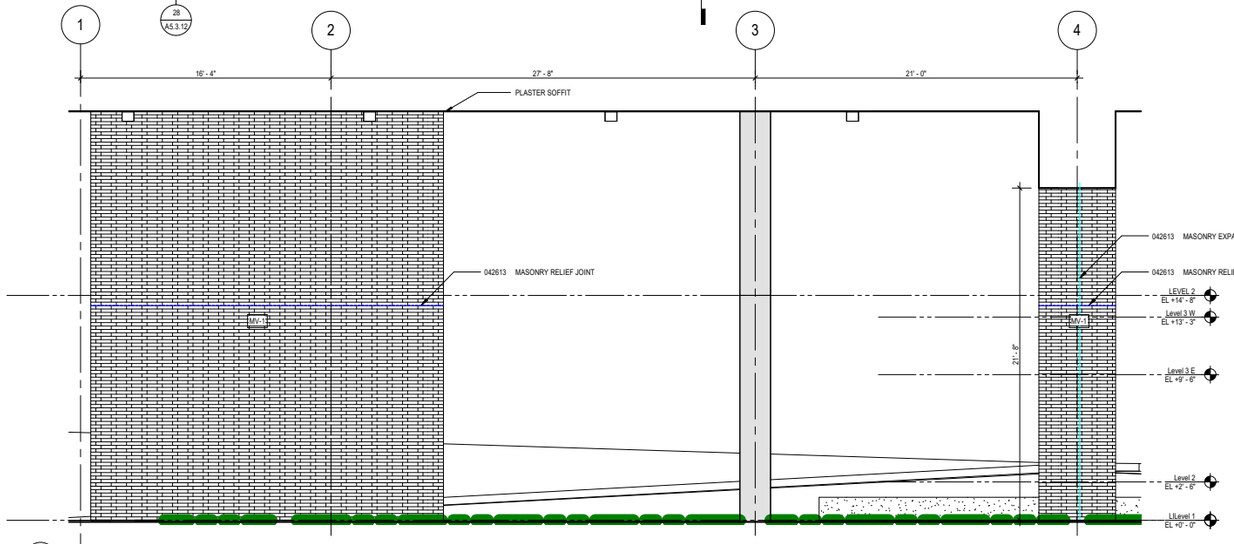
46 ENTRY ARCADE - NORTH ELEVATION 2
SCALE: 1/4" = 1'-0"



30 ENTRY ARCADE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



72 ENTRY ARCADE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



48 ENTRY ARCADE - EAST ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11 CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12 SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13 CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14 VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15 SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16 LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17 LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1 PREFINISHED METAL WALL PANEL RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B) CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B) CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3 CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1	– BELOW GRADE WALL
RA-1	– ROOF ASSEMBLY
TP-1	– TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1	– FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1	– FACETED WINDOW WALL 6" SYSTEM
GLR-1	– LINEAR CHANNEL GLASS RAILING
ESS-1	– EXTERIOR SUN SHADE
ESS-2	– PORCH CANOPY
ESS-3	– ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1	– STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22	– HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21	– GALVANIZED STEEL FRAME FINISH
TC-1	– TERRA COTTA LOUVERS
WD-2	– CANOPY MEMBER 2"X6"X7" IPE
APC-1	– PRE-CAST CONCRETE WALL CAP
APC-2	– PRE-CAST CONCRETE WALL LEDGER
APC-3	– PRE-CAST CONCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

UNIVERSITY OF CALIFORNIA RIVERSIDE
LE FLAMBEAU LIGHT
LE FLAMBEAU BRILLE

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

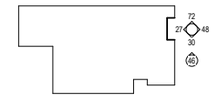
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
GUJRAT I. PATEL
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

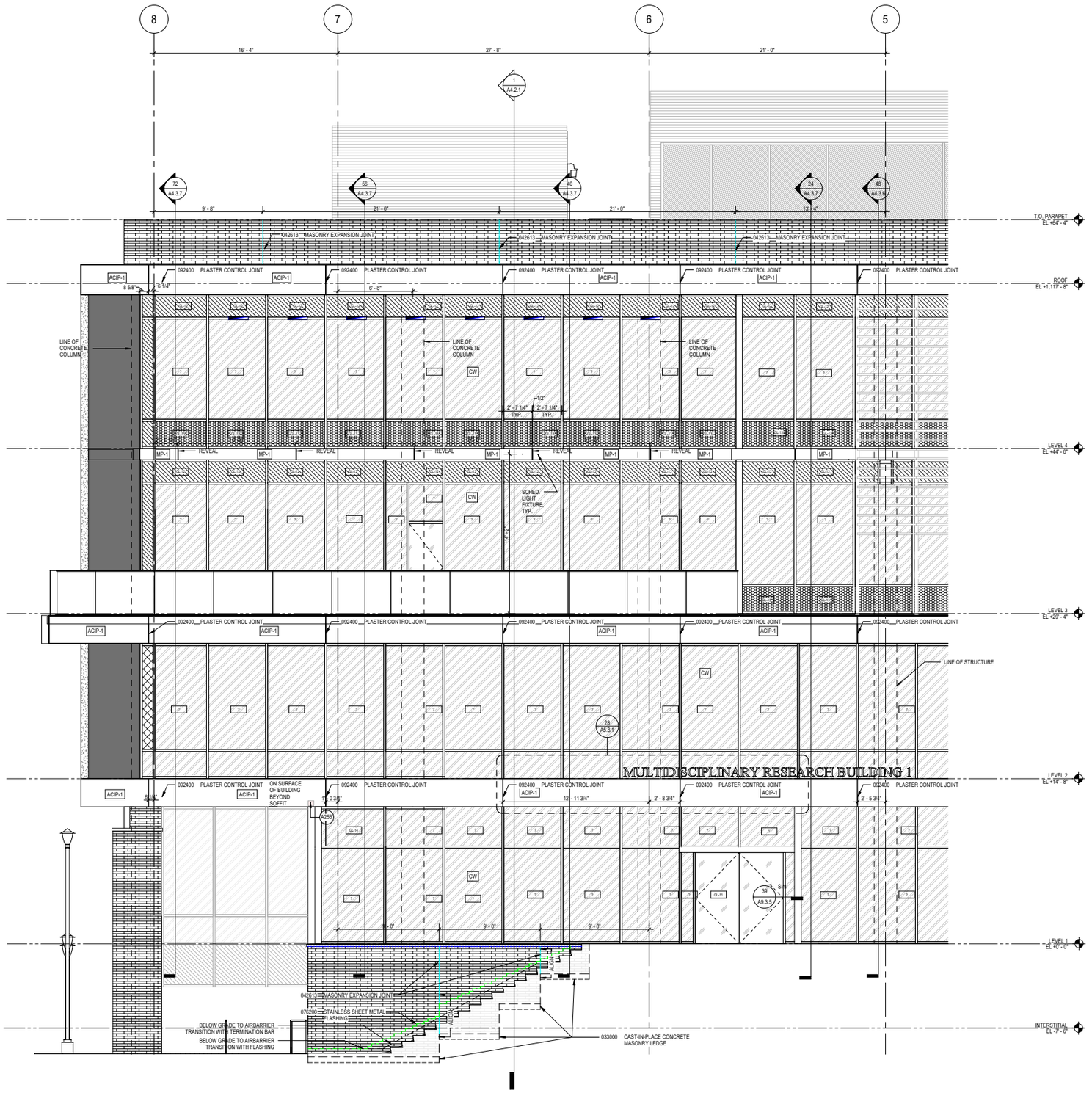
NORTH



SHEET TITLE
PARTIAL ELEVATION - EAST

PROJECT NUMBER
A4.1.5
SHEET NUMBER

Plot Date: 11/19/2018 5:20:21 PM Author



1 ENLARGED - EAST ELEVATION B
SCALE: 1/4" = 1'-0"

Plot Date: 11/19/2018 5:20:32 PM Author

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7" IPE
APC-1 – PRE-CAST COCRETE WALL CAP
APC-2 – PRE-CAST COCRETE WALL LEDGER
APC-3 – PRE-CAST COCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

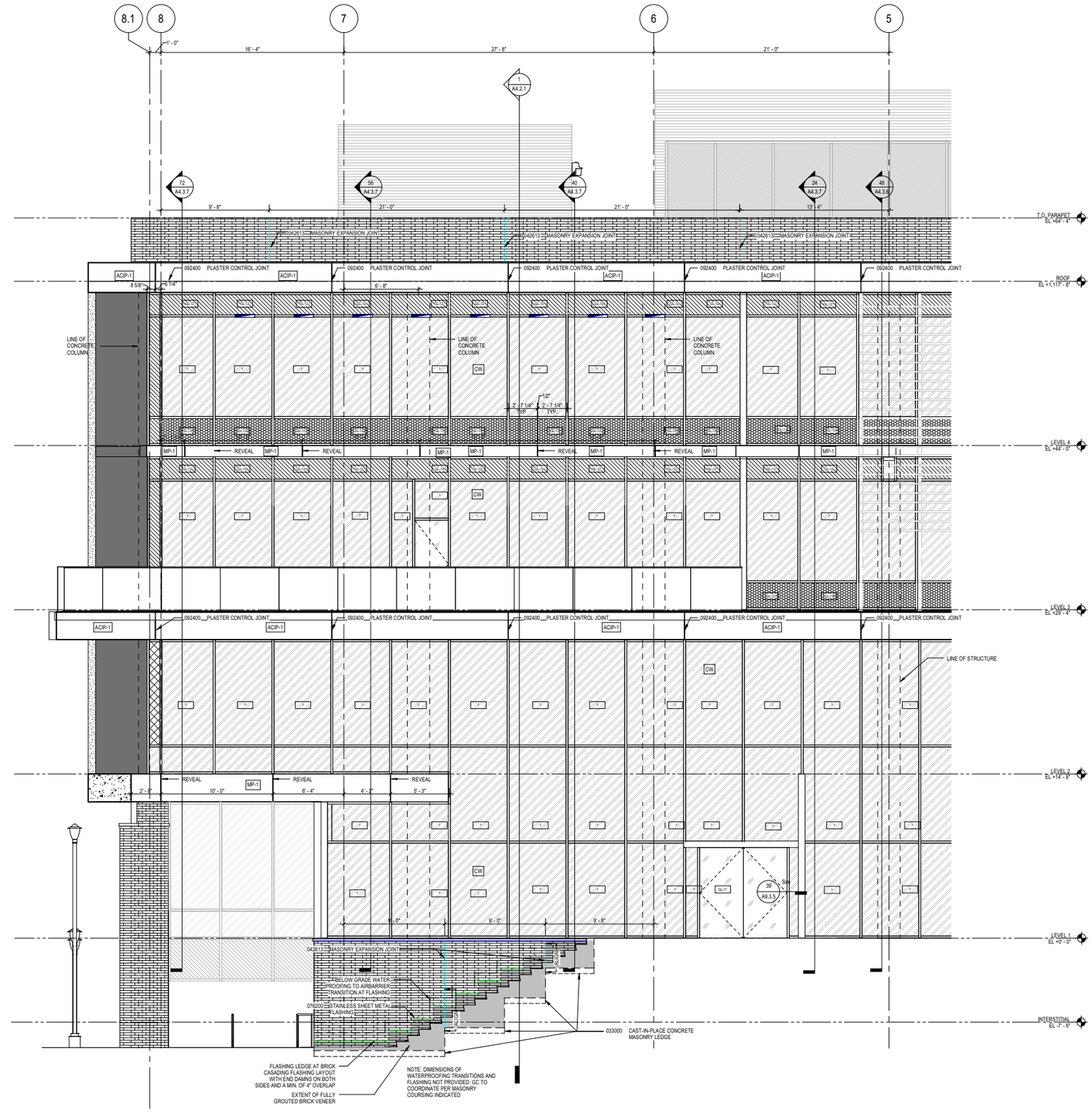
SEALS AND SIGNATURES

LICENSED ARCHITECT REGISTERED PROFESSIONAL ENGINEER C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

KEYPLAN NORTH

SHEET TITLE
BUILDING ELEVATION - EAST B

PROJECT NUMBER
A4.1.6
SHEET NUMBER



1 ENLARGED - EAST ELEVATION C
SCALE: 1/4" = 1'-0"

Author

Plot Date: 11/19/2018 5:20:40 PM

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 8	8	24 JUL 2017

SEALS AND SIGNATURES

LICENSED ARCHITECT REGISTERED PROFESSIONAL ENGINEER C-8790 8-31-19 RENEWAL DATE STATE OF CALIFORNIA

SHEET TITLE
BUILDING ELEVATION - EAST C

PROJECT NUMBER
A4.1.6A

SHEET NUMBER



2 ENLARGED SOUTH ELEVATION A
SCALE: 1/4" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
DP3 - PC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT BRIGHAM L. DIFERNANDO C-8790 8-31-19 RENEWAL DATE STATE OF CALIFORNIA

KEYPLAN NORTH

SHEET TITLE
BUILDING ELEVATION - SOUTH A

PROJECT NUMBER
A4.1.7

SHEET NUMBER

Plot Date: 11/19/2018 5:20:54 PM Author



2 ENLARGED SOUTH ELEVATION B
SCALE: 1/4" = 1'-0"

Author
11/19/2018 5:21:13 PM
Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

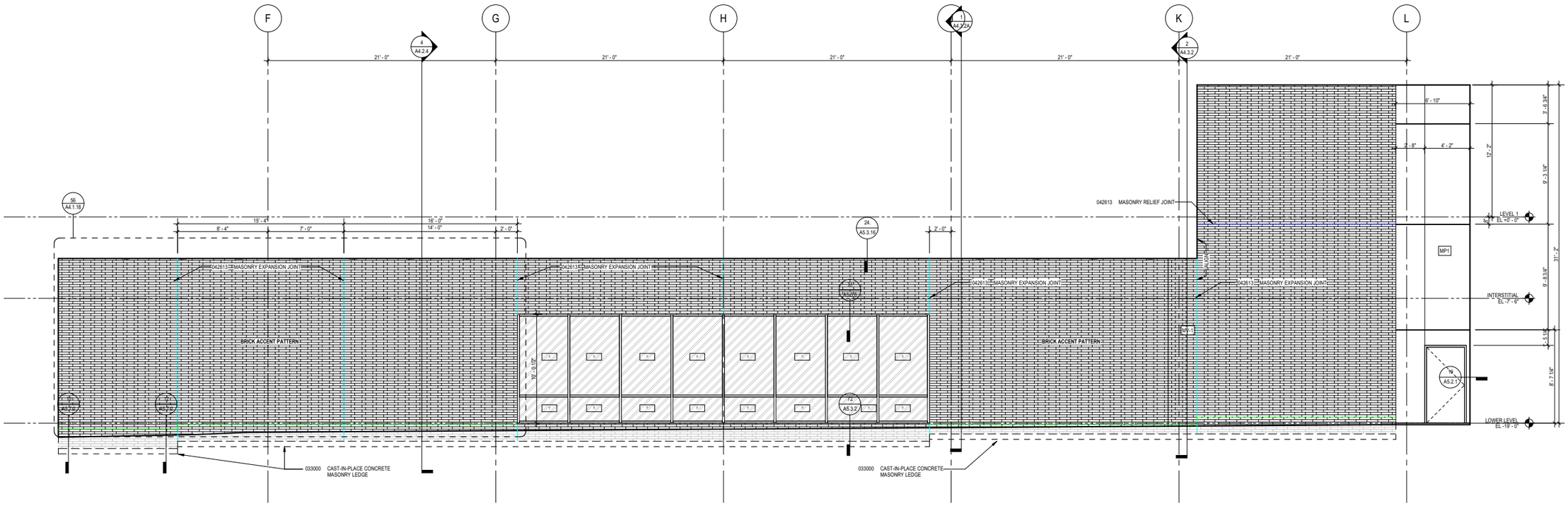
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEFENDERFER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

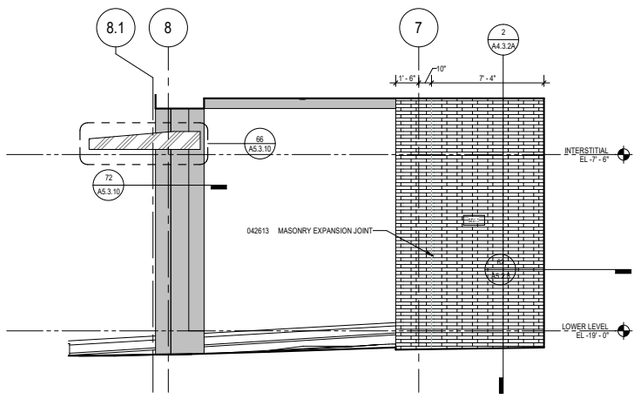
NORTH

SHEET TITLE
BUILDING ELEVATION - SOUTH B

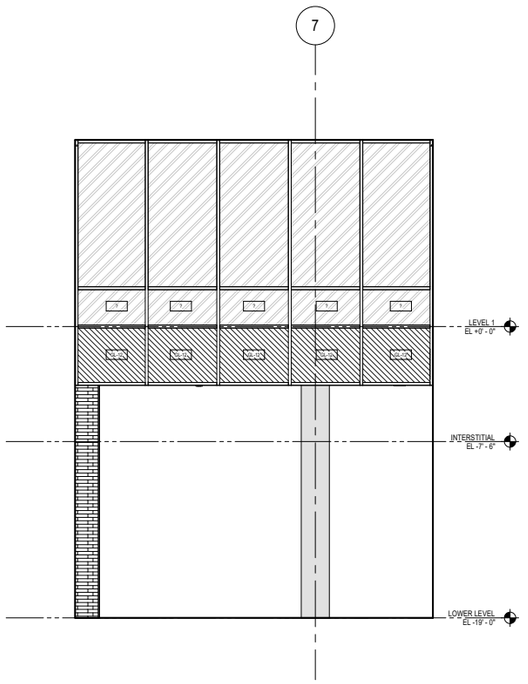
PROJECT NUMBER
A4.1.8
SHEET NUMBER



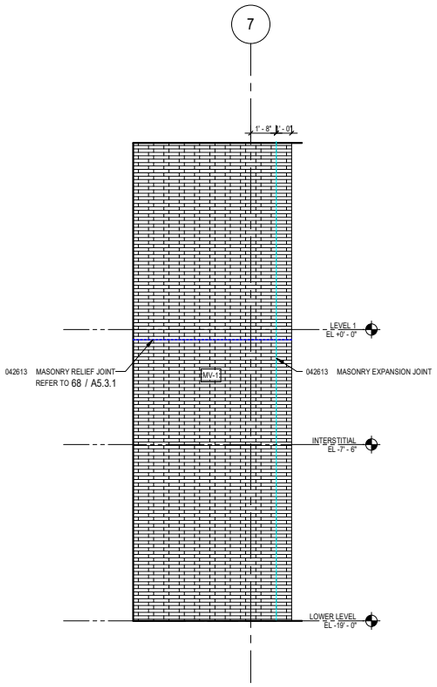
68 ARROYO ARCADE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



1 ARROYO ARCADE - WEST ELEVATION 2
SCALE: 1/4" = 1'-0"



32 ARROYO ARCADE - WEST ELEVATION
SCALE: 1/4" = 1'-0"



16 ARROYO ARCADE - EAST ELEVATION
SCALE: 1/4" = 1'-0"

Plot Date: 11/19/2018 5:21:24 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 11	11	21 NOV 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

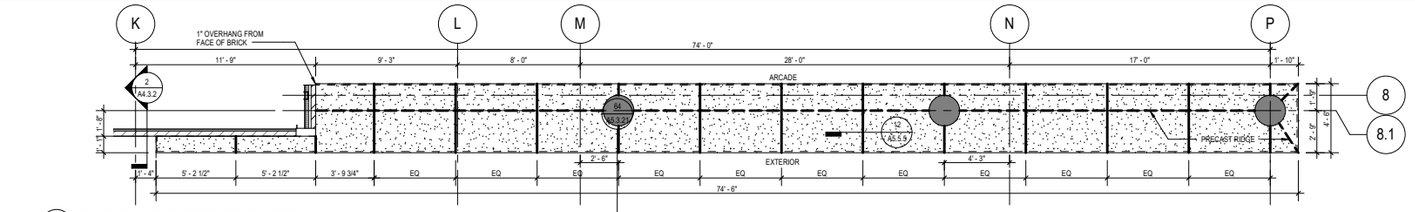
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFFENDER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

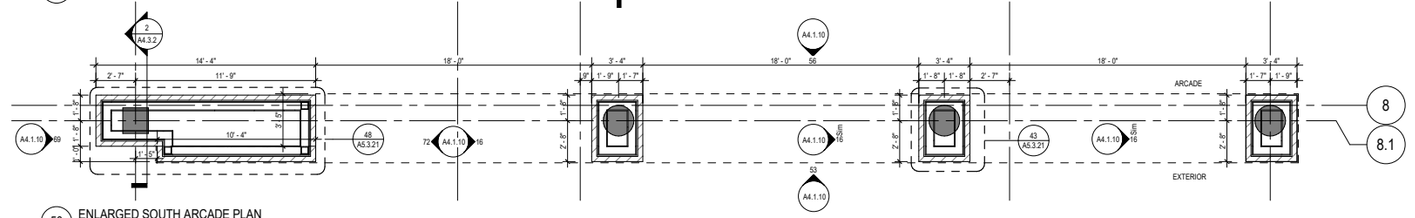
NORTH

SHEET TITLE
PARTIAL ELEVATION - SOUTH

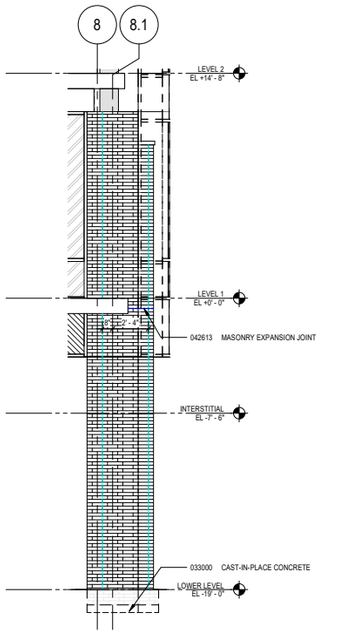
PROJECT NUMBER
A4.1.9
SHEET NUMBER



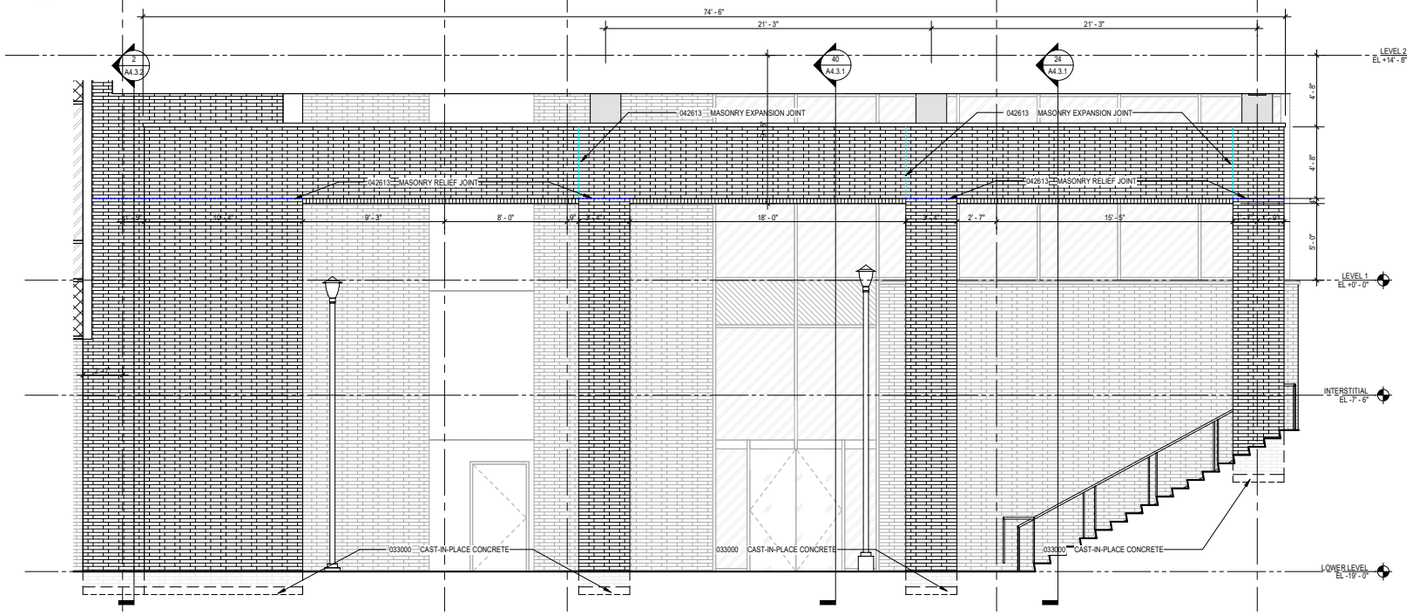
1 ENLARGED SOUTH PRECAST ARCADE PLAN
SCALE: 1/4" = 1'-0"



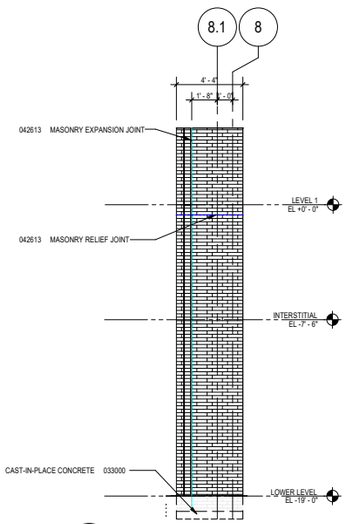
50 ENLARGED SOUTH ARCADE PLAN
SCALE: 1/4" = 1'-0"



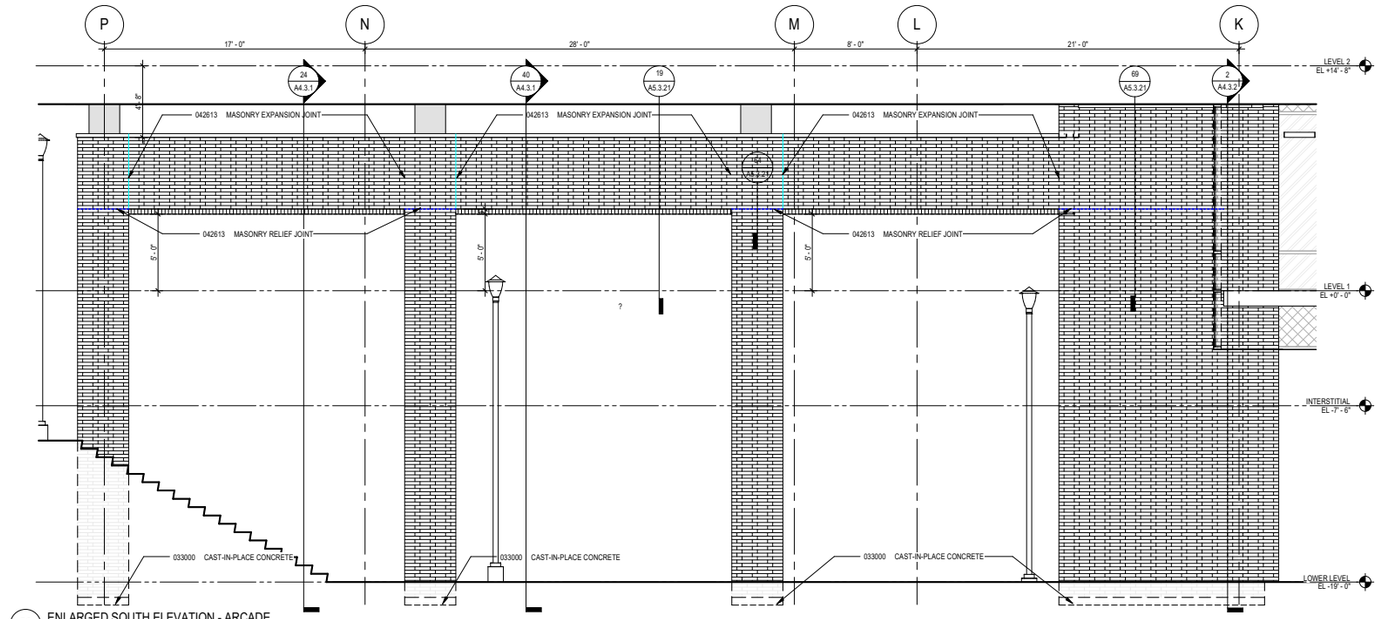
69 ENLARGED EAST ELEVATION AT LARGE COLUMN
SCALE: 1/4" = 1'-0"



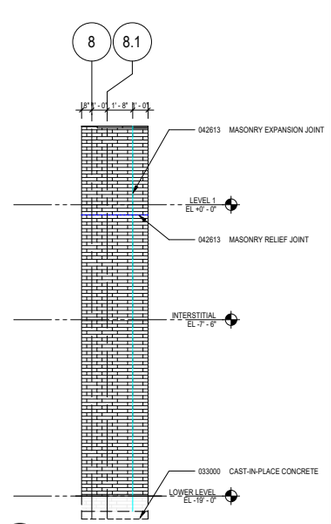
53 ENLARGED NORTH ELEVATION - ARCADE
SCALE: 1/4" = 1'-0"



72 ENLARGED WEST ELEVATION AT LARGE COLUMN
SCALE: 1/4" = 1'-0"



56 ENLARGED SOUTH ELEVATION - ARCADE
SCALE: 1/4" = 1'-0"



16 ENLARGED EAST ELEVATION AT COLUMN, TYPICAL
SCALE: 1/4" = 1'-0"

SHEET KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

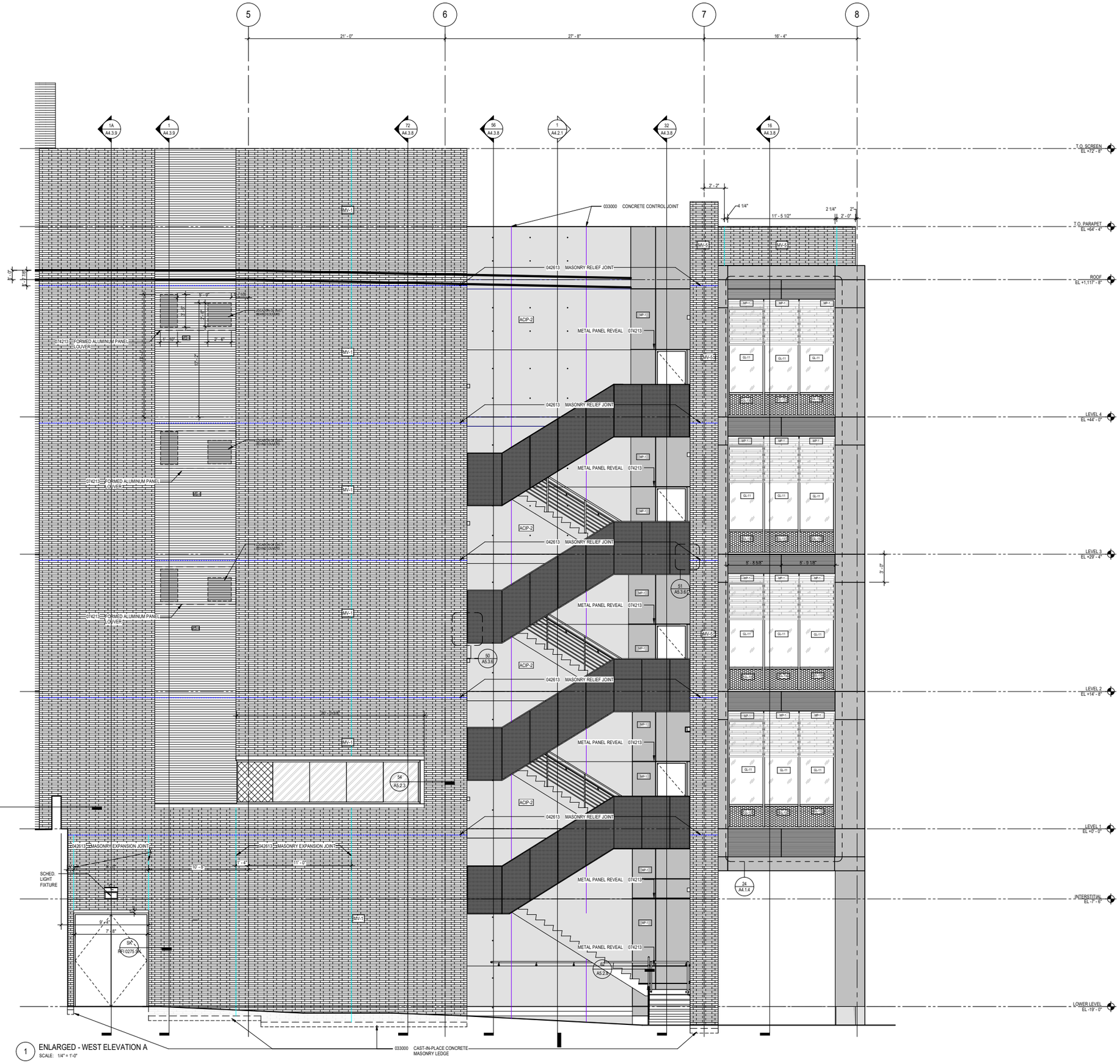
LICENSED ARCHITECT REGISTERED PROFESSIONAL ENGINEER C-8790 9-30-19 RENEWAL STATE OF CALIFORNIA

NORTH

SHEET TITLE
PARTIAL ELEVATION - SOUTH

PROJECT NUMBER
A4.1.10
SHEET NUMBER

Plot Date: 11/19/2018 5:21:40 PM Author



1 ENLARGED - WEST ELEVATION A
SCALE: 1/4" = 1'-0"

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7" IPE
APC-1 – PRE-CAST COCRETE WALL CAP
APC-2 – PRE-CAST COCRETE WALL LEDGER
APC-3 – PRE-CAST COCRETE WALL LEDGER

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE A5.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

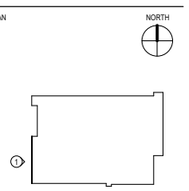
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT ORIGINAL SIGNATURE C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

KEYPLAN



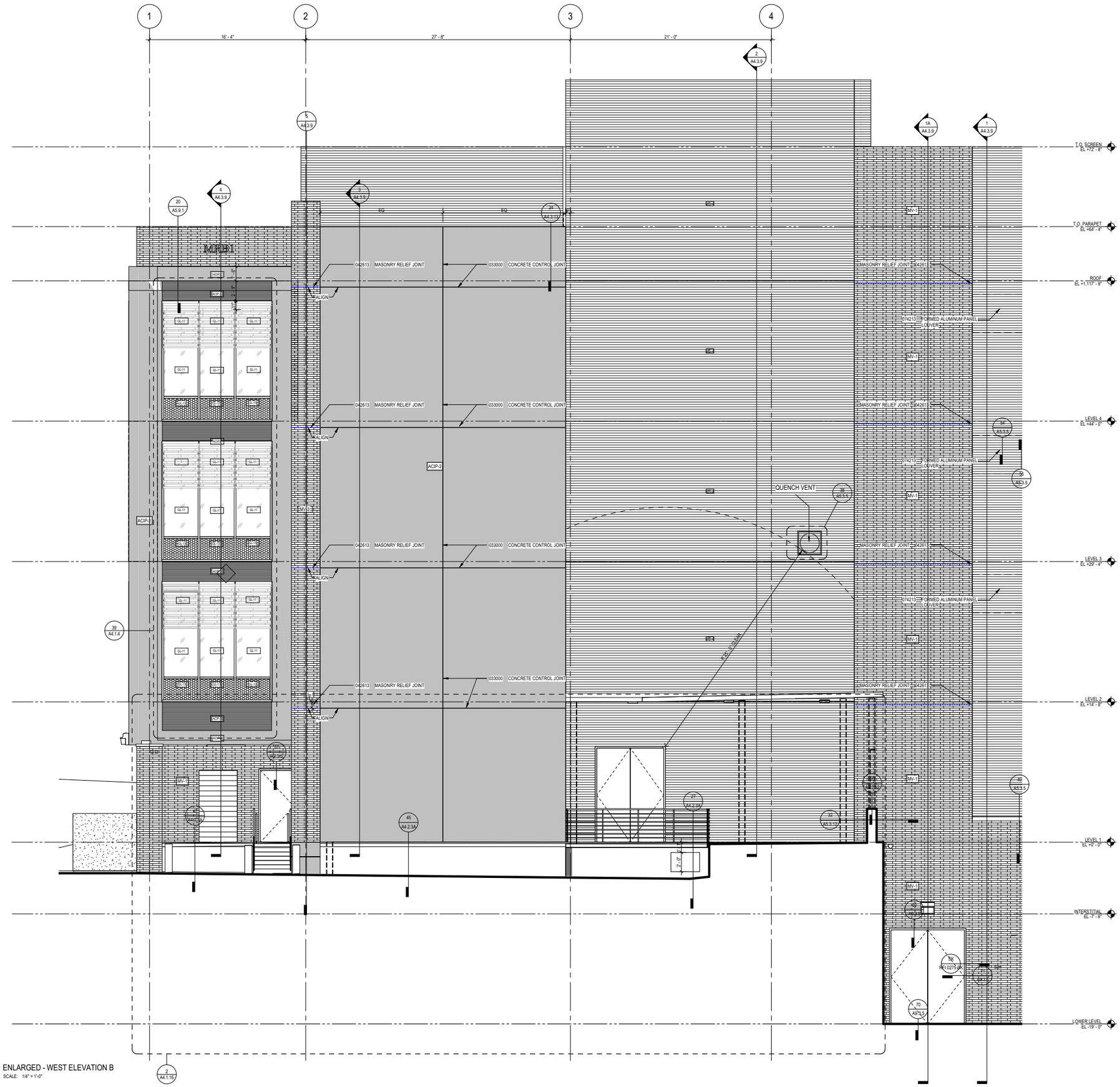
NORTH

SHEET TITLE
BUILDING ELEVATION - WEST A

PROJECT NUMBER
A4.1.11

SHEET NUMBER

Plot Date: 11/19/20 18 5:22:06 PM Author



Author

11/19/2018 5:22:14 PM

Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
DP7 CD 50%		01 JUNE 2018
DP7 100% DD IMAGING CORE		23 FEB 2018
BULLETIN 13	13	15 FEB 2018
DP3 - IPC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

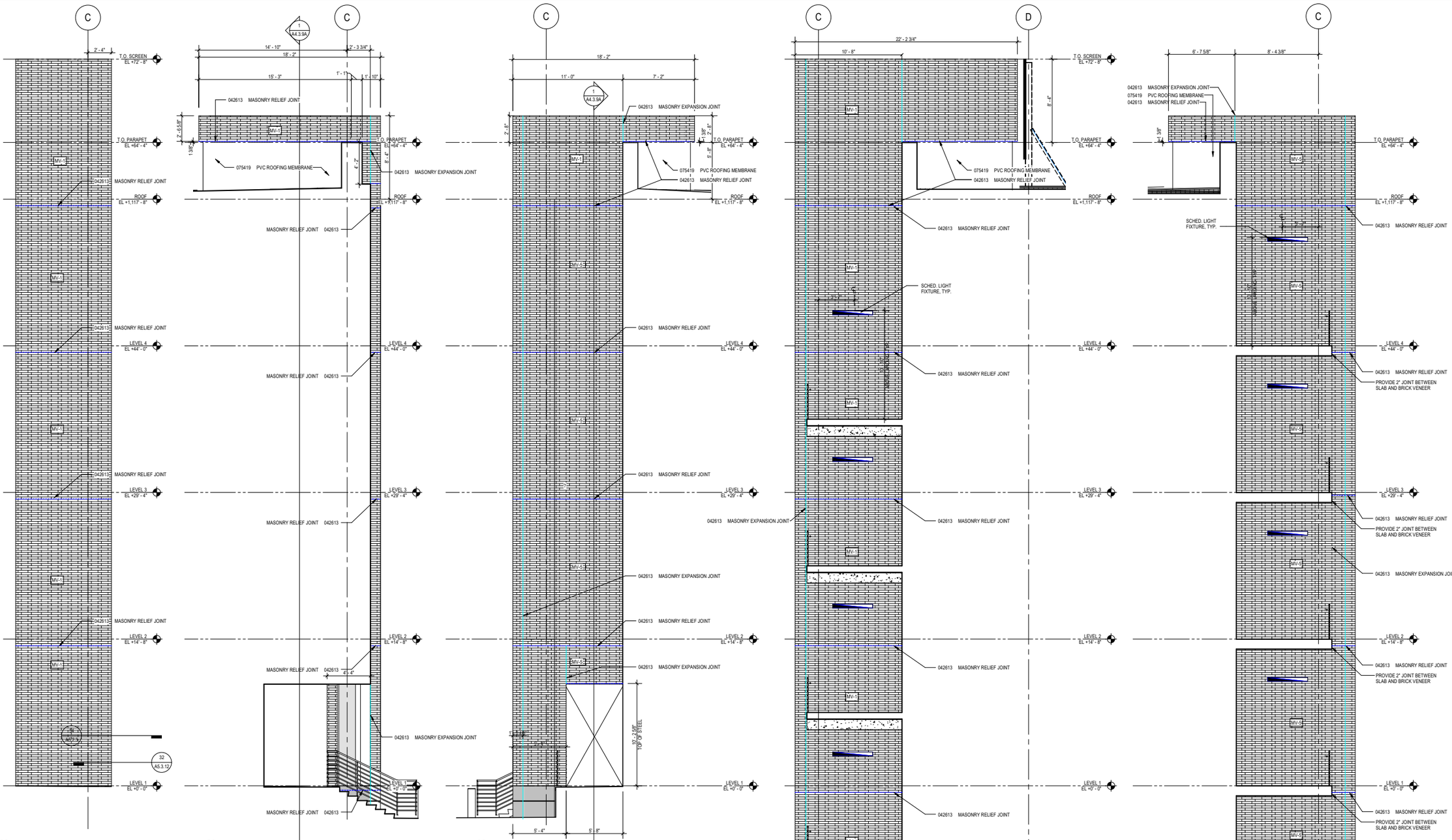
LICENSED ARCHITECT
WILLIAM L. DIEFENDORF
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

NORTH

SHEET TITLE
BUILDING ELEVATION - WEST B

PROJECT NUMBER
A4.1.12

SHEET NUMBER



46 ENLARGED - PARTIAL ELEVATION WEST 2
SCALE: 1/4" = 1'-0"

62 ENLARGED - PARTIAL ELEVATION WEST 3
SCALE: 1/4" = 1'-0"

70 ENLARGED - PARTIAL ELEVATION WEST 1
SCALE: 1/4" = 1'-0"

1 ENLARGED - PARTIAL LOADING DOCK ELEVATION NORTH
SCALE: 1/4" = 1'-0"

32 STAIR 4 - ENLARGED NORTH ELEVATION
SCALE: 1/4" = 1'-0"

16 STAIR 4 - ENLARGED SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

Plot Date: 11/19/2018 5:22:27 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
JEFFREY L. DIERINGER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

NORTH

SHEET TITLE
PARTIAL ELEVATION - WEST

PROJECT NUMBER
A4.1.13
SHEET NUMBER



1 ENLARGED - NORTH ELEVATION A

SCALE: 1/4" = 1'-0"

Plot Date: 11/19/2018 5:22:36 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
BRADLEY L. DIFFENDAL
C-8790
8.31.19
RENEWAL DATE
STATE OF CALIFORNIA

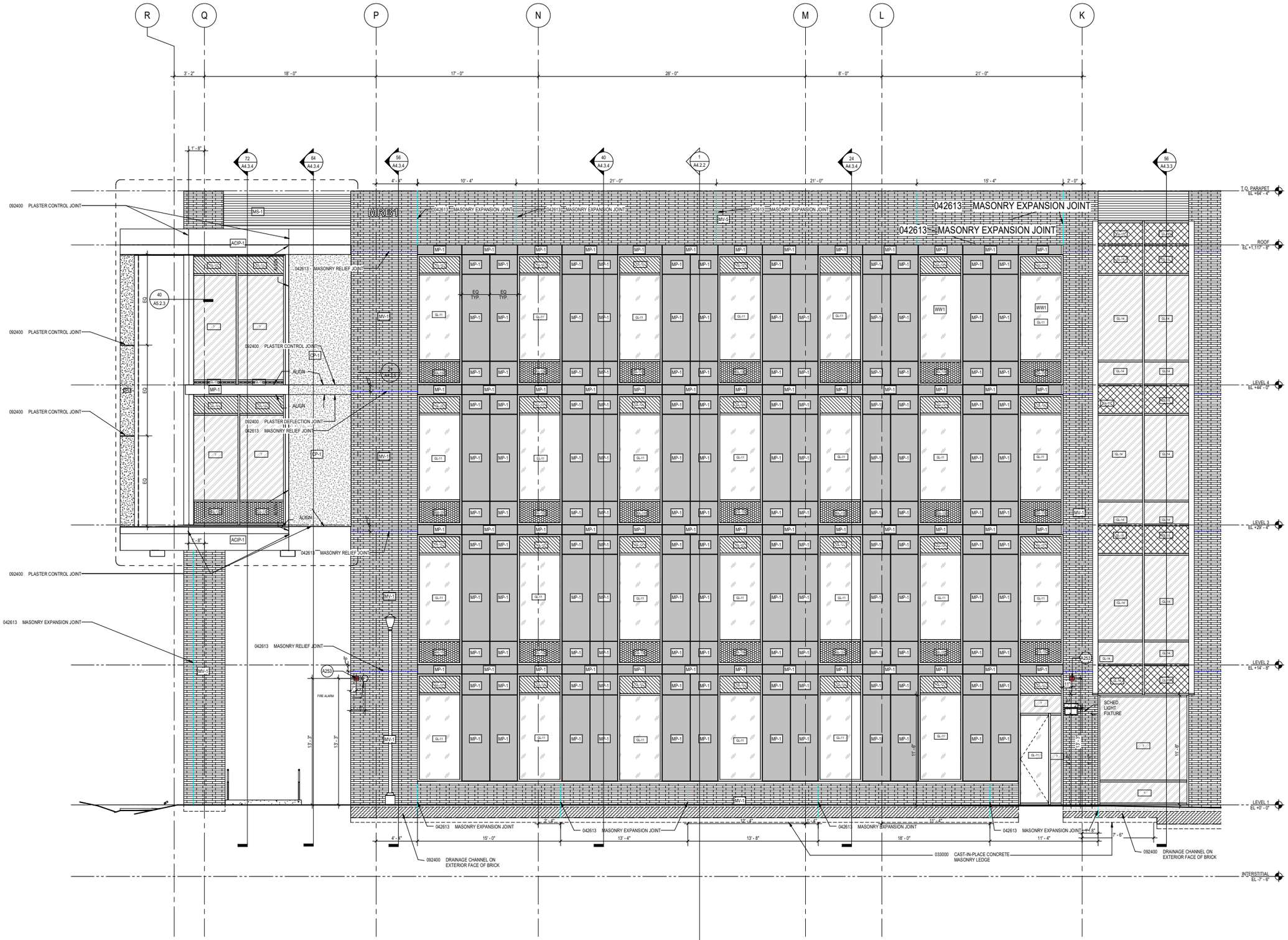
KEYPLAN NORTH

SHEET TITLE
BUILDING ELEVATION - NORTH A

PROJECT NUMBER
A4.1.14
SHEET NUMBER

SHEET KEYNOTES

A253 SECURITY CAMERA



1 ENLARGED - NORTH ELEVATION B
SCALE: 1/4" = 1'-0"

Plot Date: 11/19/2018 5:22:48 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT REGINALD L. DESERANO C-8790 8.31.19 RENEWAL DATE STATE OF CALIFORNIA

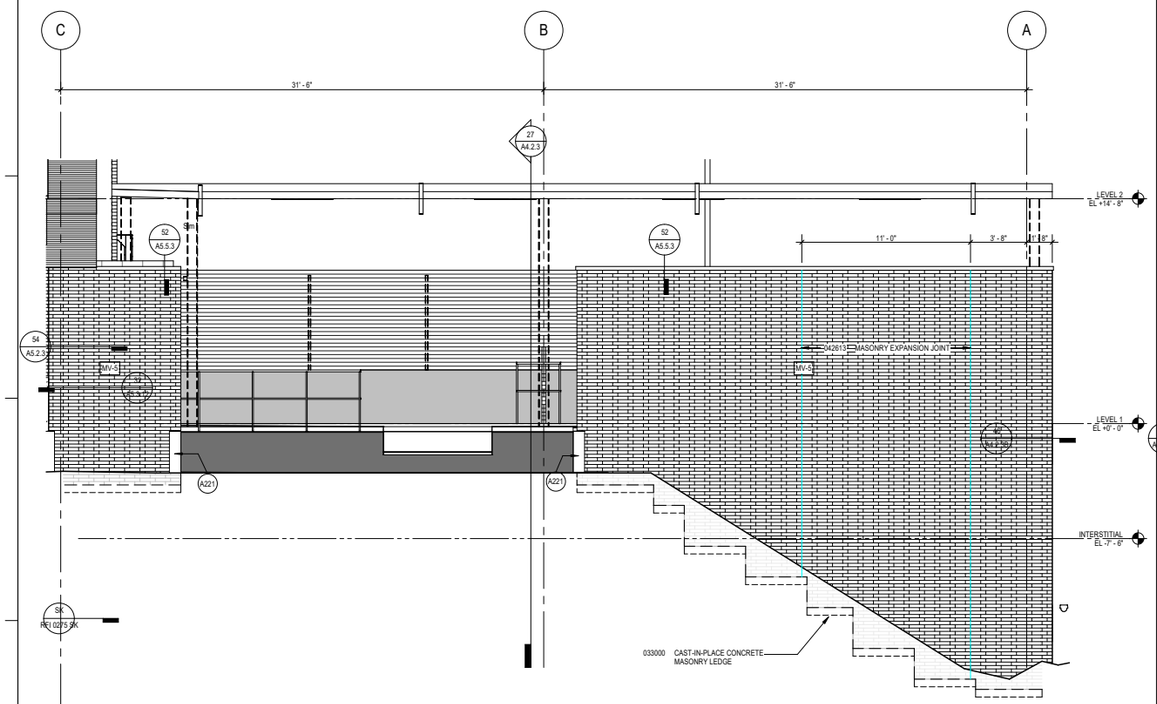
KEYPLAN

NORTH

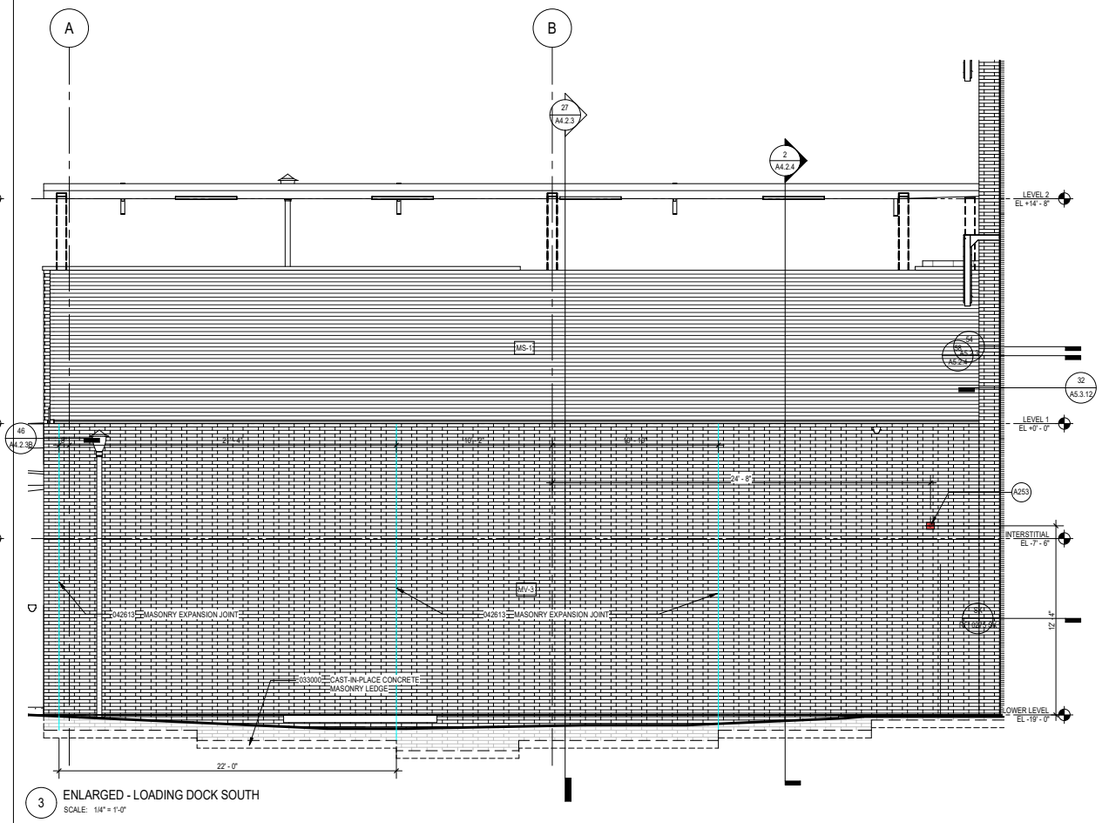
SHEET TITLE
BUILDING ELEVATION - NORTH B

PROJECT NUMBER
A4.1.15

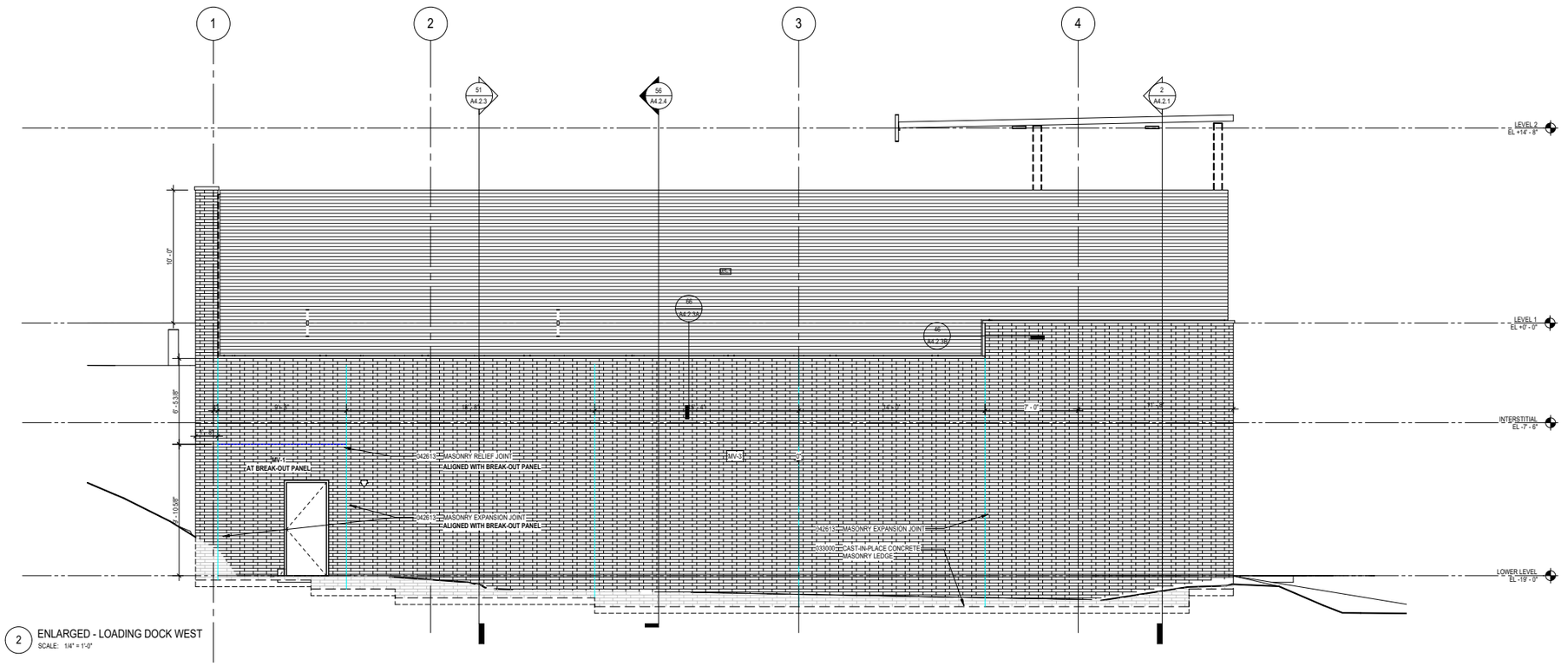
SHEET NUMBER



1 ENLARGED - LOADING DOCK NORTH
SCALE: 1/4" = 1'-0"



3 ENLARGED - LOADING DOCK SOUTH
SCALE: 1/4" = 1'-0"



2 ENLARGED - LOADING DOCK WEST
SCALE: 1/4" = 1'-0"

SHEET KEYNOTES

A221	05 5000 CONCRETE FILLED BOLLARD, SEE STRUCTURAL DETAIL
A253	SECURITY CAMERA

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.3.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS AND WALL SECTIONS.

E. REFER TO THE A5.1.X SERIES SHEETS FOR EXTERIOR WINDOW ELEVATIONS.

F. REFER TO THE AS.X SERIES (SLAB PLANS) FOR CONCRETE MASONRY LEDGE ELEVATIONS.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

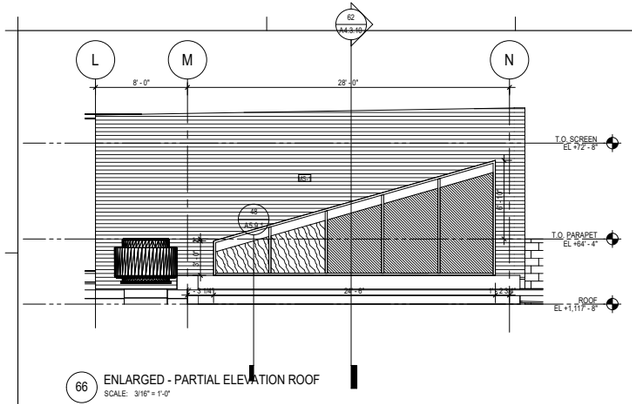
LICENSED ARCHITECT
WILLIAM I. DIEDERICH
C-8790
8-31-19
RENEW
STATE OF CALIFORNIA

NORTH

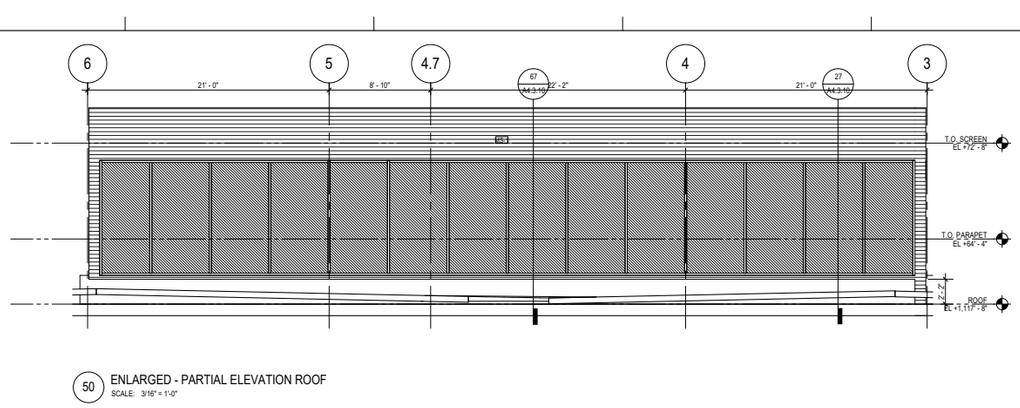
SHEET TITLE
BUILDING ELEVATION - LOADING DOCK

PROJECT NUMBER
A4.1.16
SHEET NUMBER

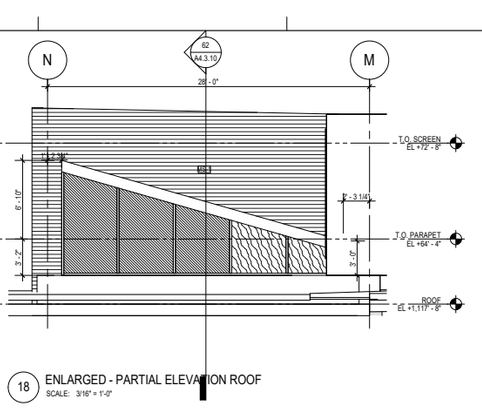
Author
11/19/2018 8:23:06 PM
Plot Date:



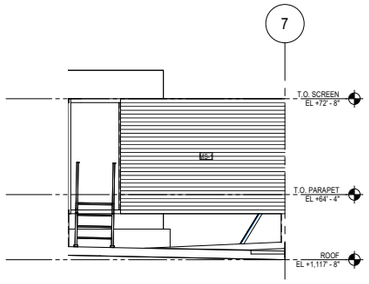
66 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"



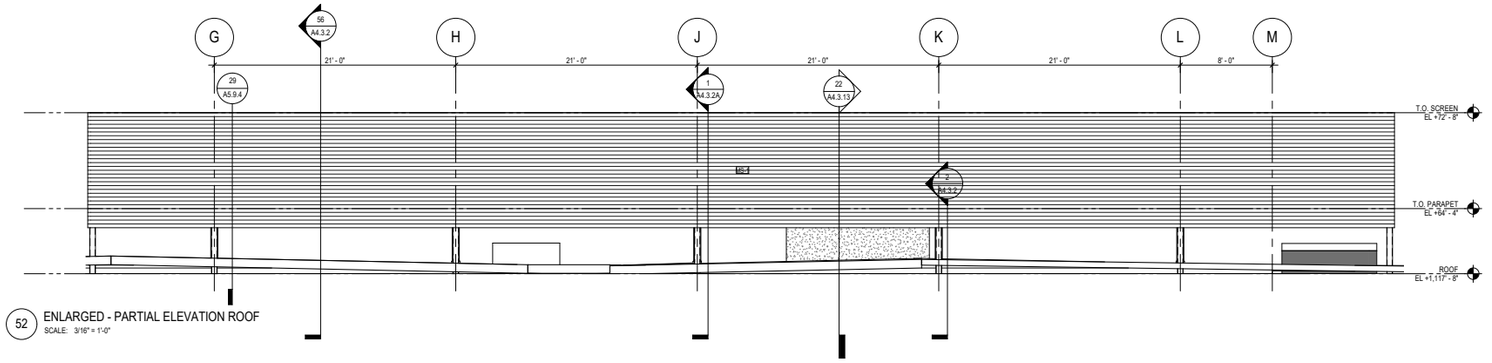
50 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"



18 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"

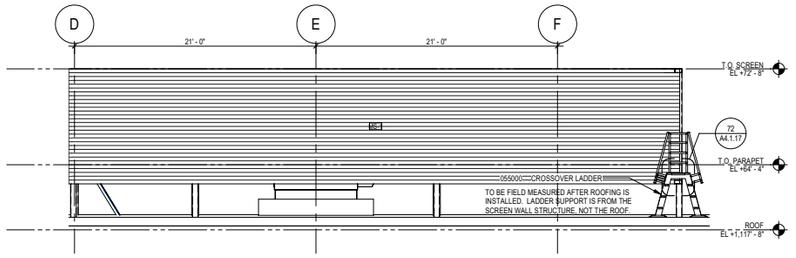


68 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"

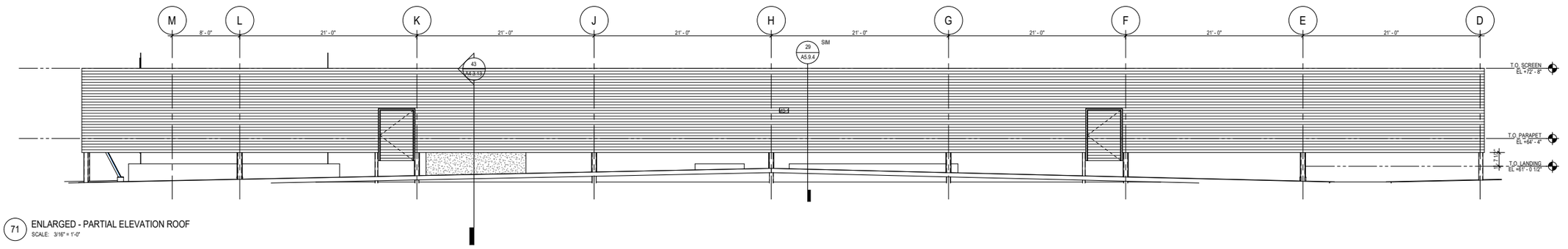


52 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"

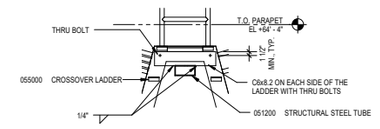
53 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"



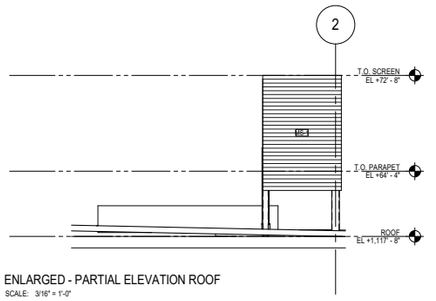
29 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"



71 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"



72 CROSSOVER LADDER ANCHOR DETAIL
SCALE: 1/2" = 1'-0"



24 ENLARGED - PARTIAL ELEVATION ROOF
SCALE: 3/16" = 1'-0"

Author
11/19/2018 5:23:23 PM
Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

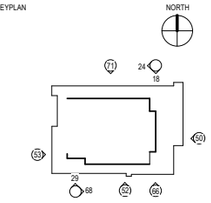
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	19 JAN 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

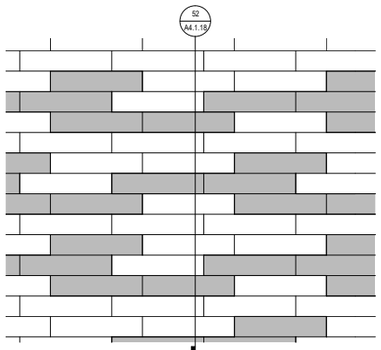
LICENSED ARCHITECT
REGISTERED PROFESSIONAL
C-8790
9-30-19
RENEWAL DATE
STATE OF CALIFORNIA

KEYPLAN

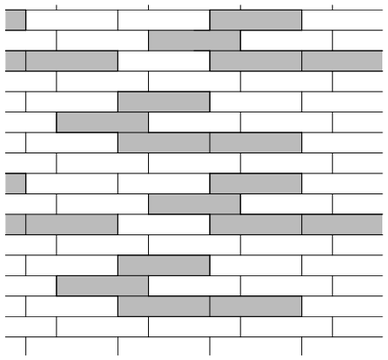


SHEET TITLE
PARTIAL ELEVATION - ROOF

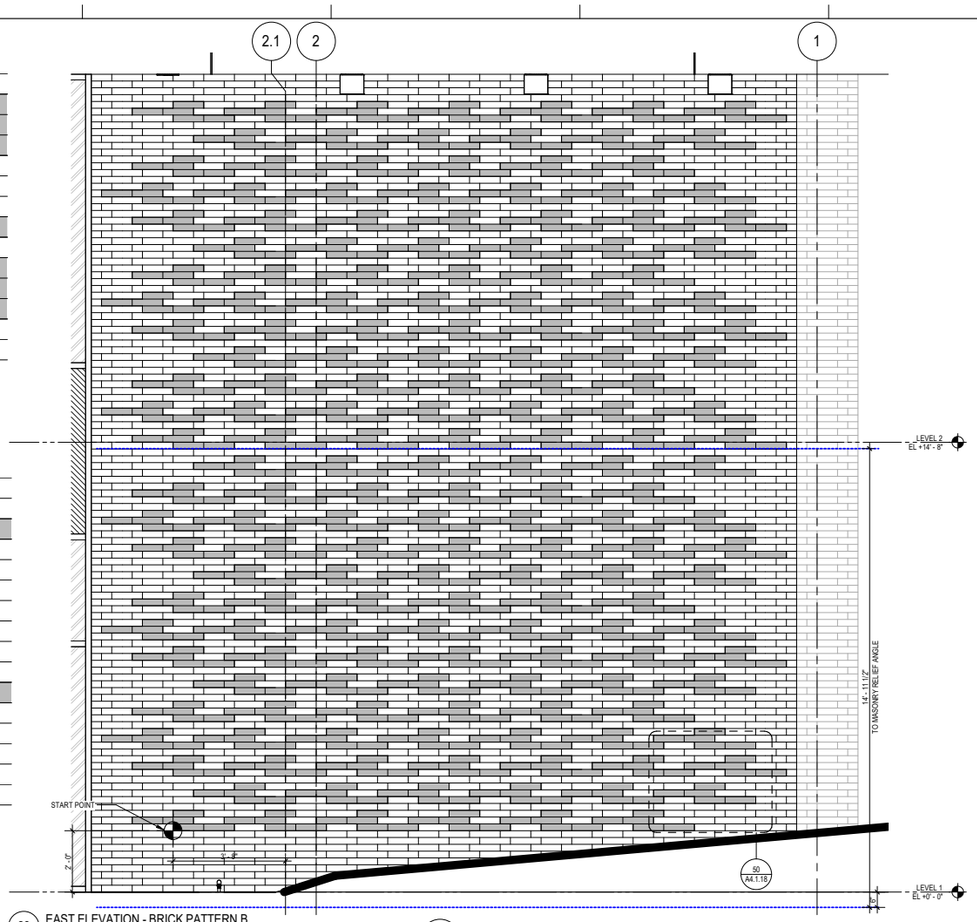
PROJECT NUMBER
A4.1.17
SHEET NUMBER



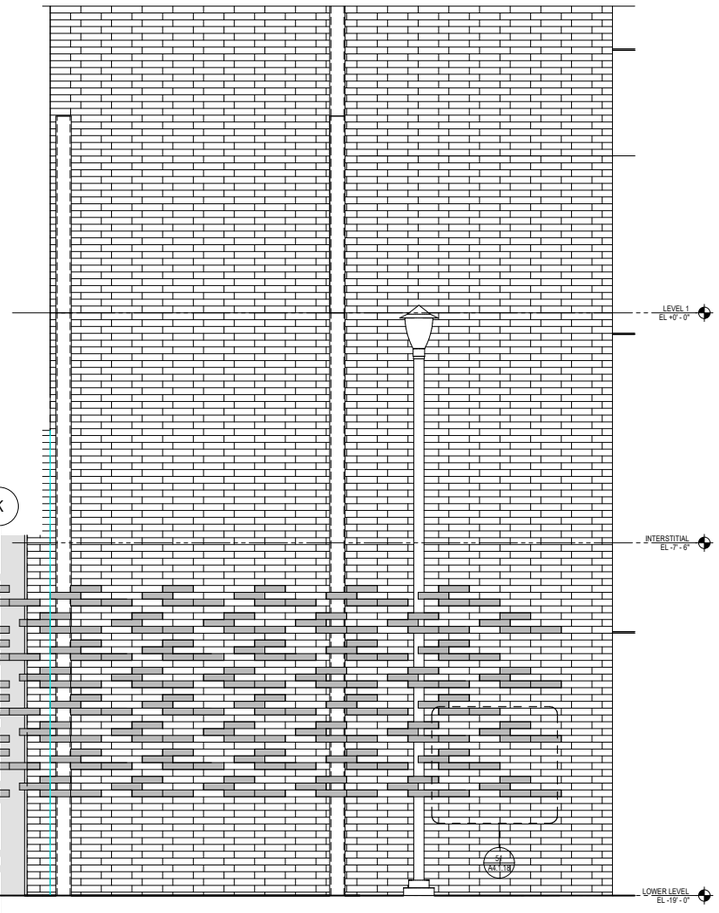
50 ENLARGED ELEVATION @ BRICK PATTERN B
SCALE: 1 1/2" = 1'-0"

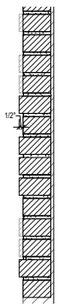


51 ENLARGED ELEVATION @ BRICK PATTERN A
SCALE: 1 1/2" = 1'-0"

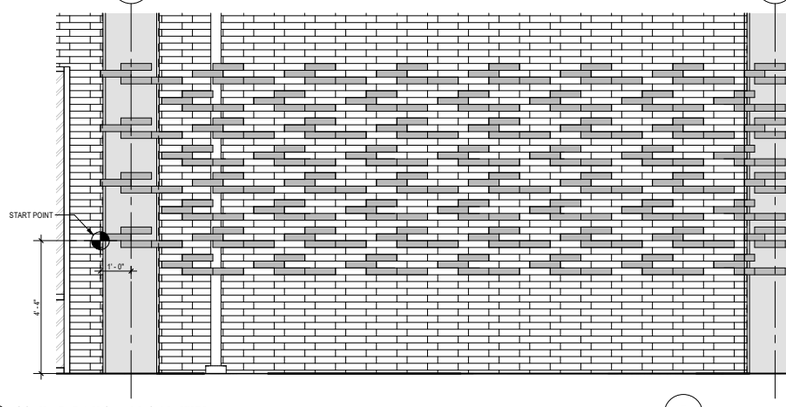


28 EAST ELEVATION - BRICK PATTERN B
SCALE: 1/2" = 1'-0"

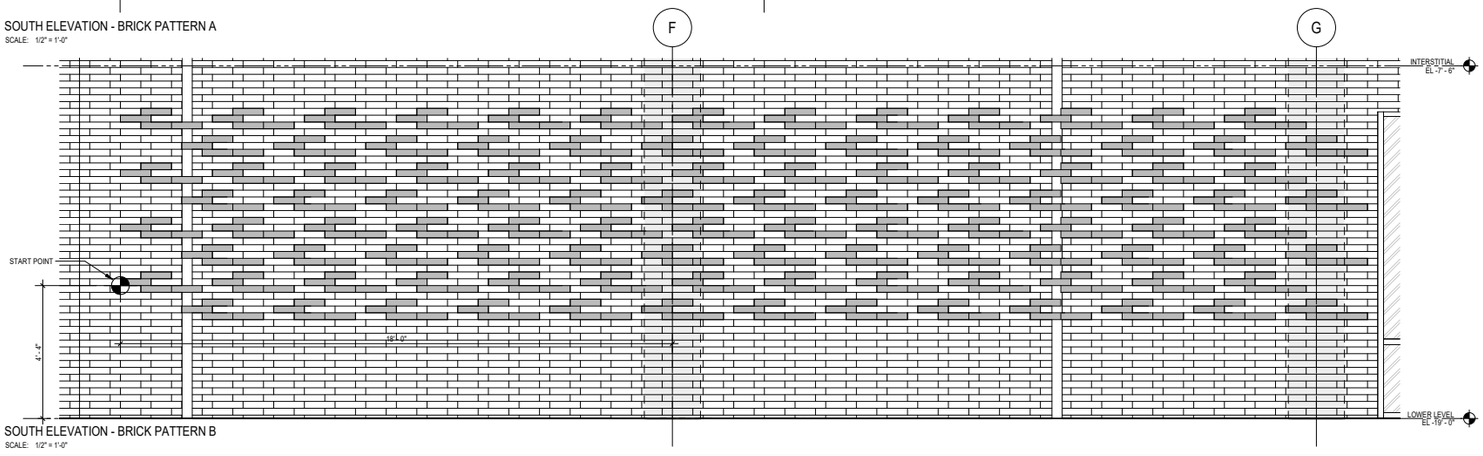




52 SECTION @ BRICK PATTERN
SCALE: 1 1/2" = 1'-0"



54 SOUTH ELEVATION - BRICK PATTERN A
SCALE: 1/2" = 1'-0"



56 SOUTH ELEVATION - BRICK PATTERN B
SCALE: 1/2" = 1'-0"

Plot Date: 11/19/2018 5:23:42 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

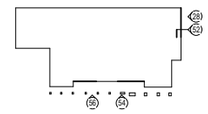
DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 11	11	21 NOV 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

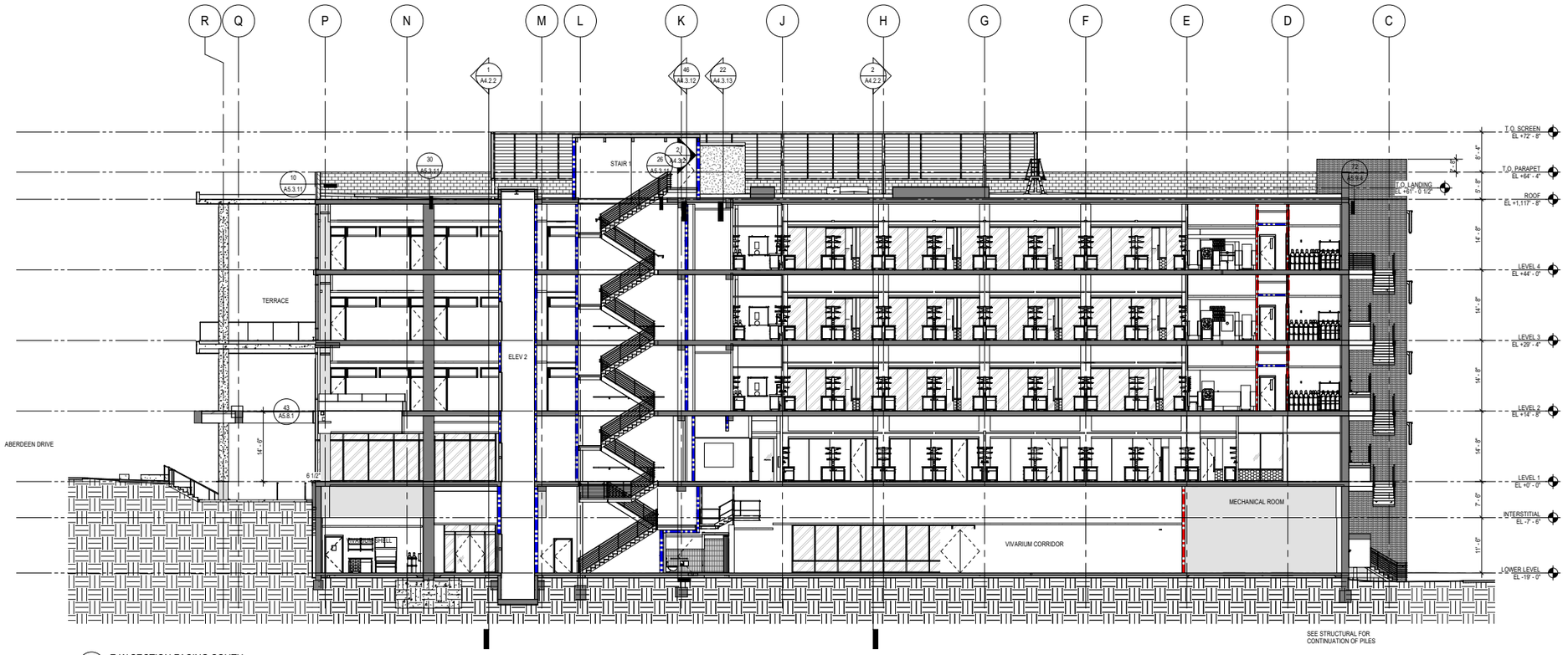
SEALS AND SIGNATURES

LICENSED ARCHITECT
JEFFREY L. DIERINGER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

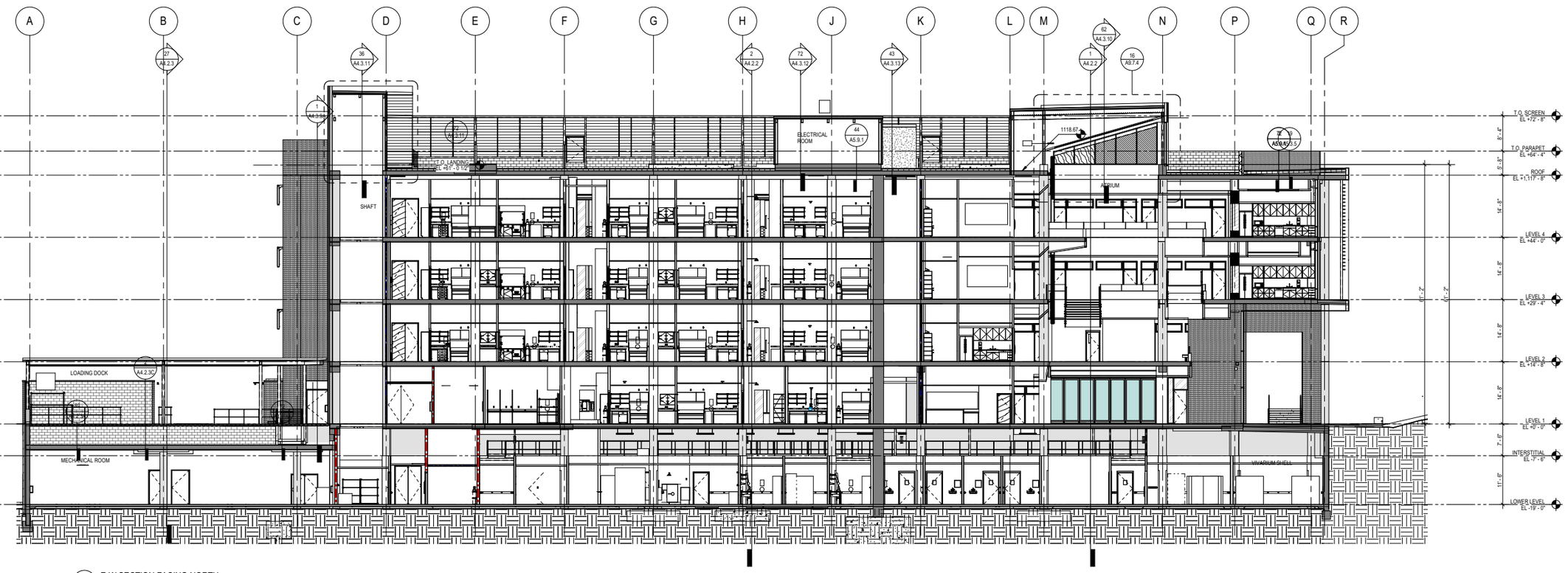


SHEET TITLE
BRICK PATTERN ELEVATIONS

PROJECT NUMBER
A4.1.18
SHEET NUMBER



1 E-W SECTION FACING SOUTH
SCALE: 3/32" = 1'-0"



2 E-W SECTION FACING NORTH
SCALE: 3/32" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP2B - CD 75%		08 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

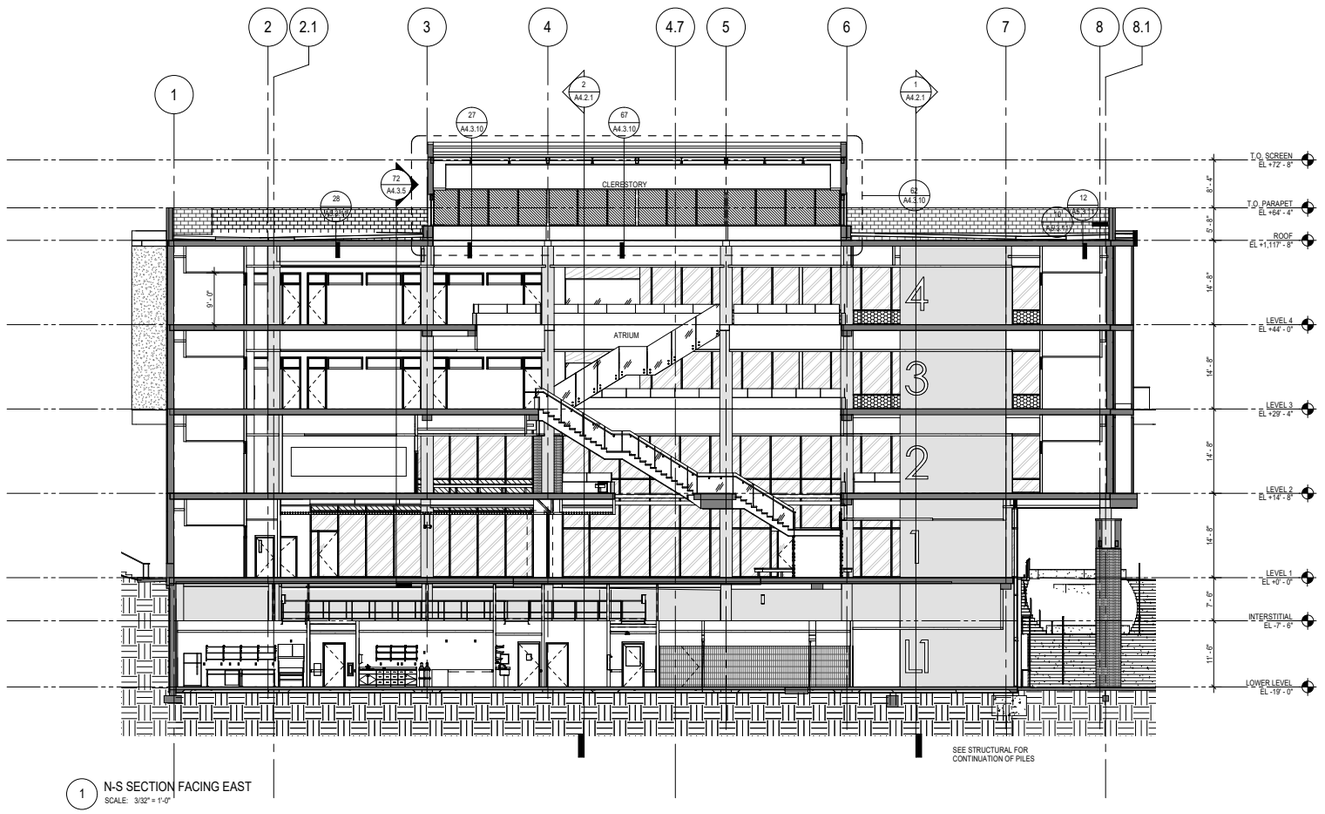
LICENSED ARCHITECT WILLIAM I. DIFERDINAND C-8790 8-31-19 RENEWAL REGISTERED STATE OF CALIFORNIA

KEYPLAN NORTH

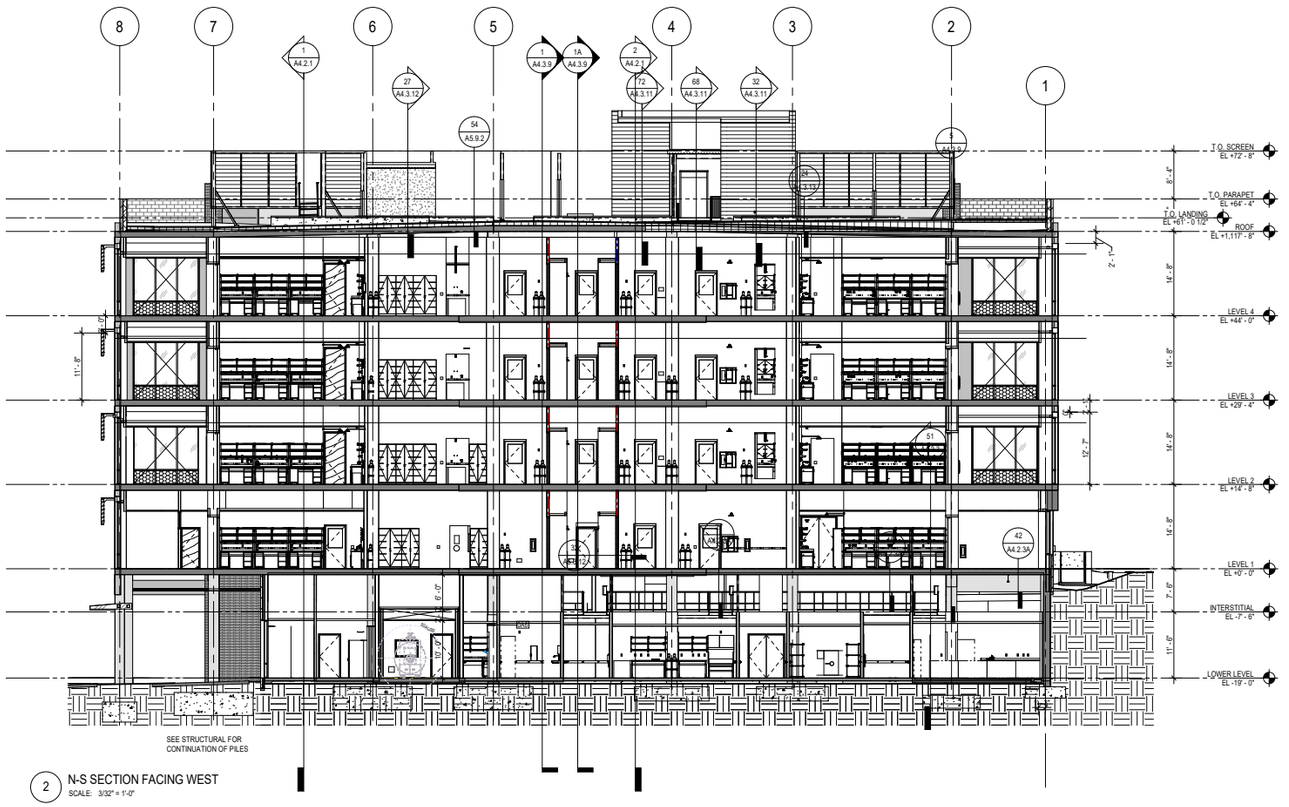
SHEET TITLE
BUILDING SECTIONS

PROJECT NUMBER
A4.2.1
SHEET NUMBER

Plot Date: 11/19/2018 5:24:09 PM START Sheet



1 N-S SECTION FACING EAST
SCALE: 3/32" = 1'-0"



2 N-S SECTION FACING WEST
SCALE: 3/32" = 1'-0"

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
DP7 CD 50%		01 JUNE 2018
DP7 100% DD IMAGING CORE		23 FEB 2018
DP3 - IFC		21 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP2B - CD 75%		08 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

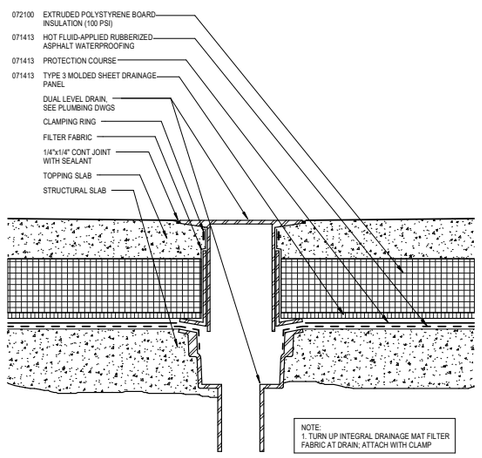
LICENSED ARCHITECT
WILLIAM I. DIFERDINAND
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

KEYPLAN NORTH

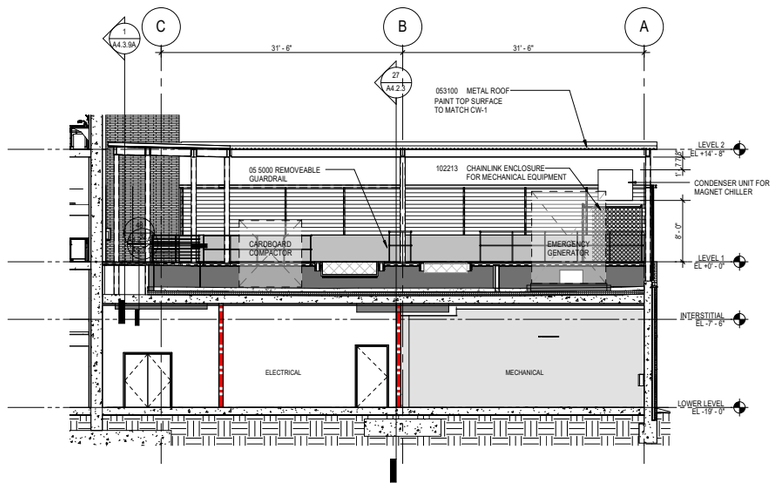
SHEET TITLE
BUILDING SECTIONS

PROJECT NUMBER
A4.2.2
SHEET NUMBER

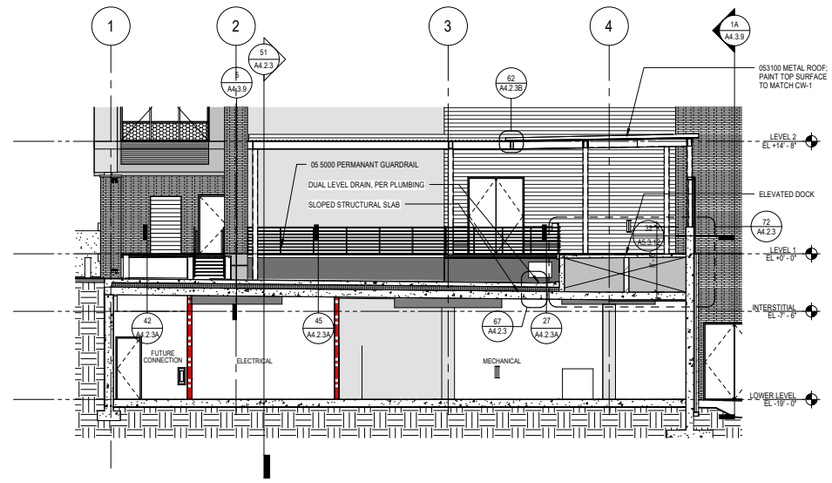
Plot Date: 11/19/2018 5:24:42 PM Author



67 DUAL-LEVEL DRAIN SECTION DETAIL
SCALE: 3" = 1'-0"

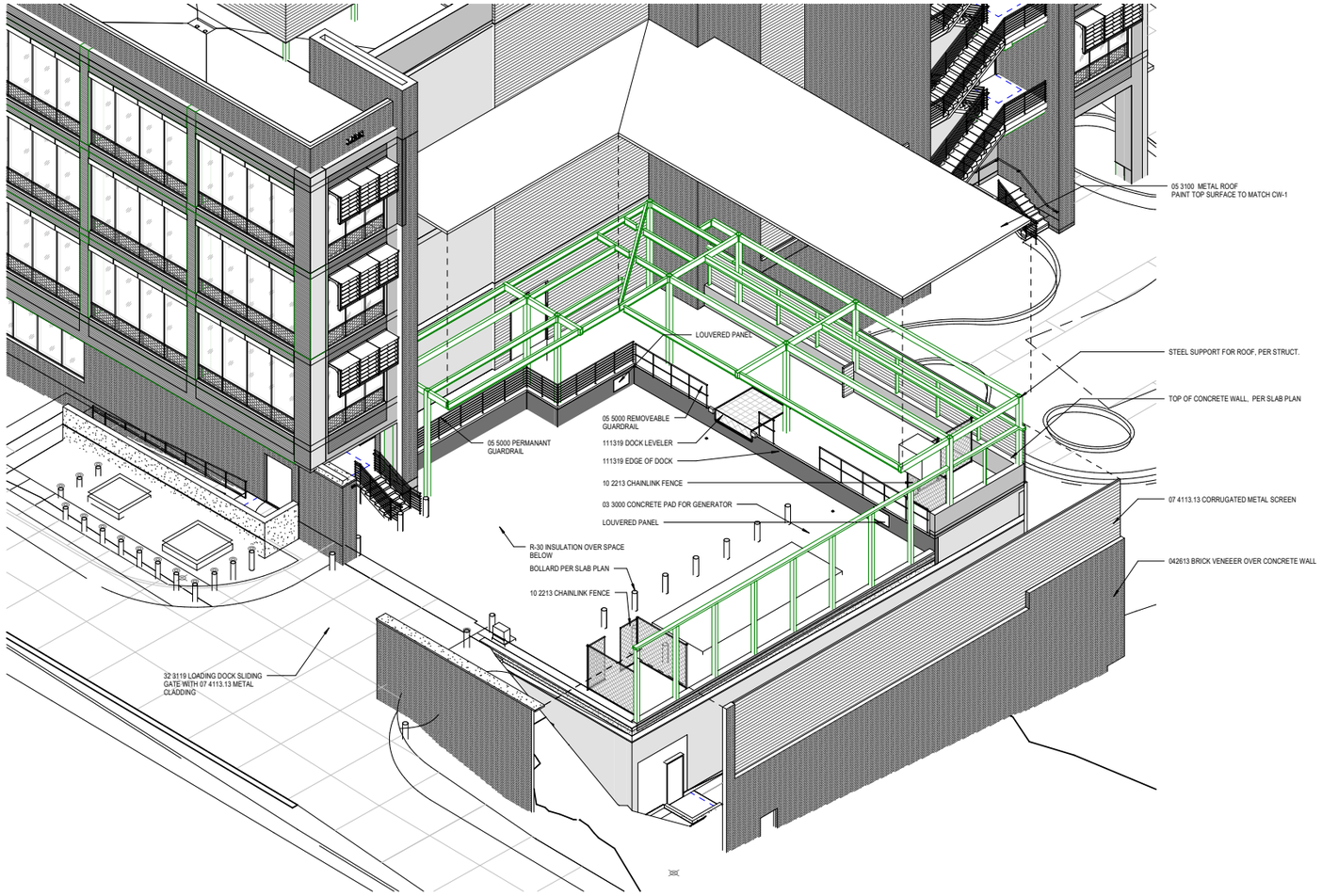


51 LOADING DOCK E-W SECTION
SCALE: 1/8" = 1'-0"



27 LOADING DOCK N-S SECTION
SCALE: 1/8" = 1'-0"

72 WATERPROOFING SYSTEM TRANSITION DETAIL AT LOADING DOCK
SCALE: 1 1/2" = 1'-0"



48 LOADING DOCK EXPLODED ISOMETRIC
SCALE:

Plot Date: 11/19/2018 5:24:58 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

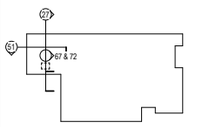
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
DP7 CD 50%		01 JUNE 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 8	8	24 JUL 2017
BULLETIN 7	7	31 MAY 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP2B - CD 75%		08 NOV 2016

SEALS AND SIGNATURES

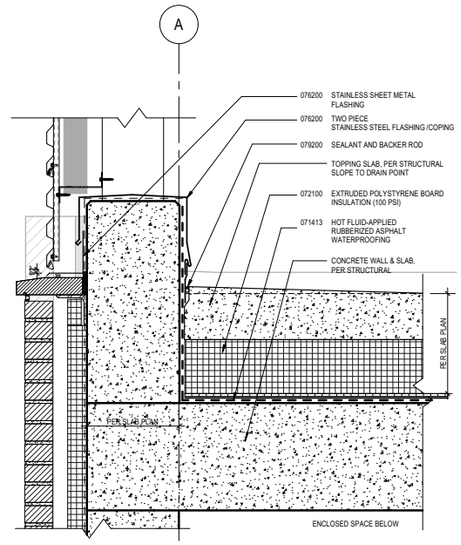
LICENSED ARCHITECT
JULIAN L. DIFIORE
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

NORTH

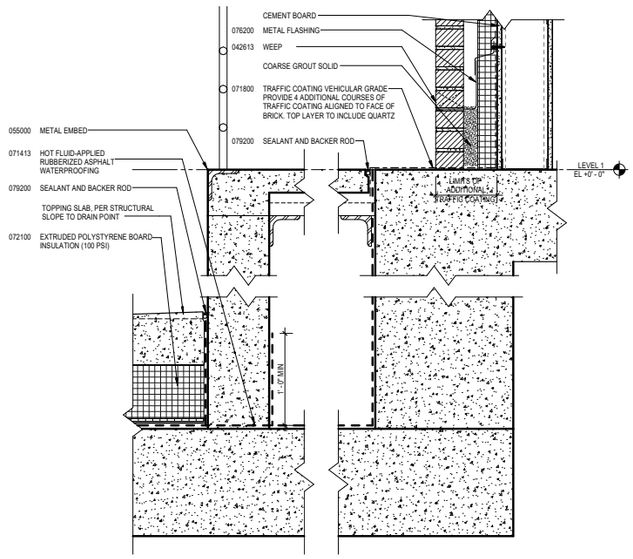


SHEET TITLE
LOADING DOCK SECTIONS

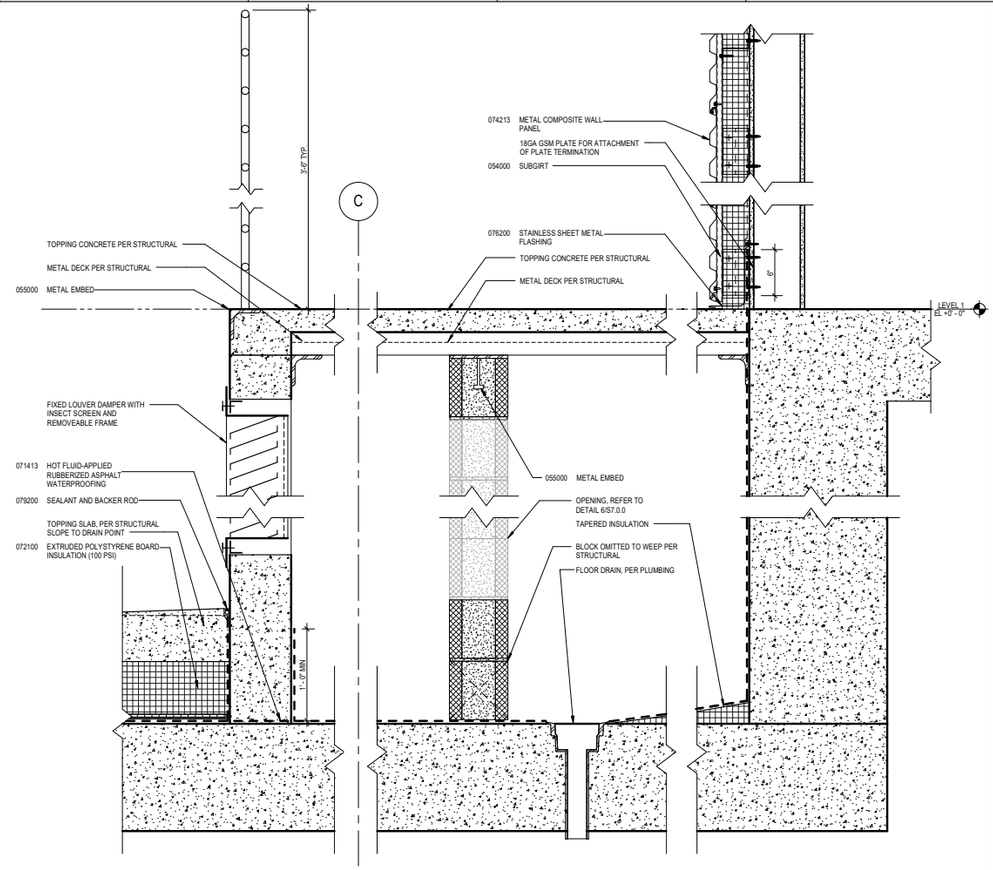
PROJECT NUMBER
A4.2.3
SHEET NUMBER



66 LOADING DOCK CURB AT METAL SCREEN
SCALE: 1 1/2" = 1'-0"

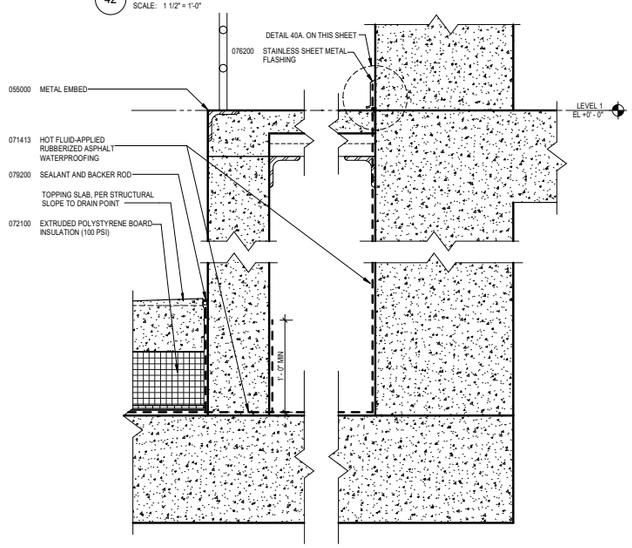


42 LOADING DOCK PEDESTRIAN PLATFORM AT ROLLUP
SCALE: 1 1/2" = 1'-0"

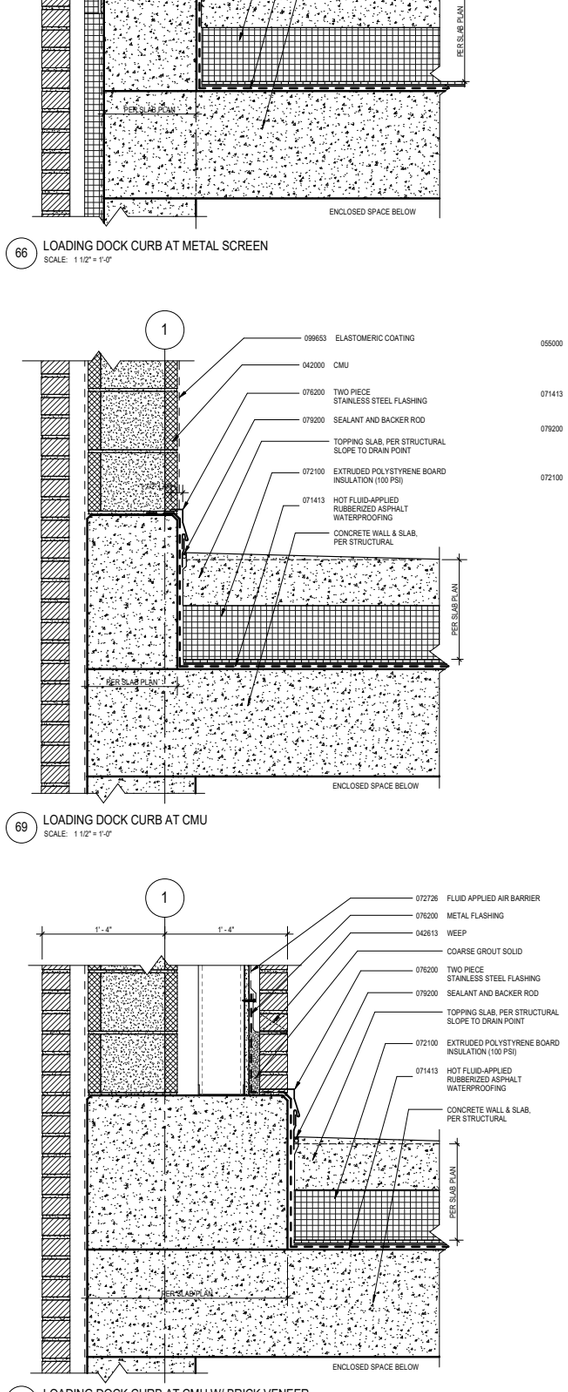


27 LOADING DOCK PEDESTRIAN PLATFORM AT METAL PANEL
SCALE: 1 1/2" = 1'-0"

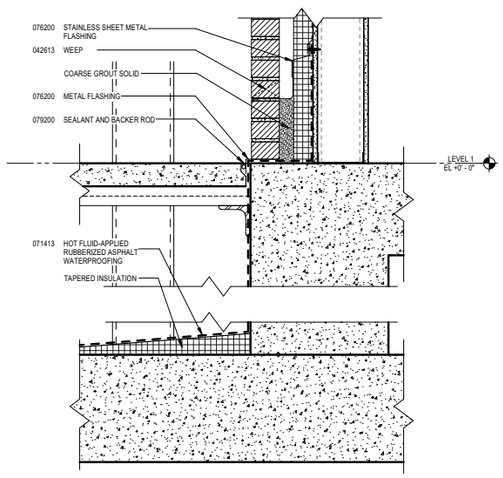
69 LOADING DOCK CURB AT CMU
SCALE: 1 1/2" = 1'-0"



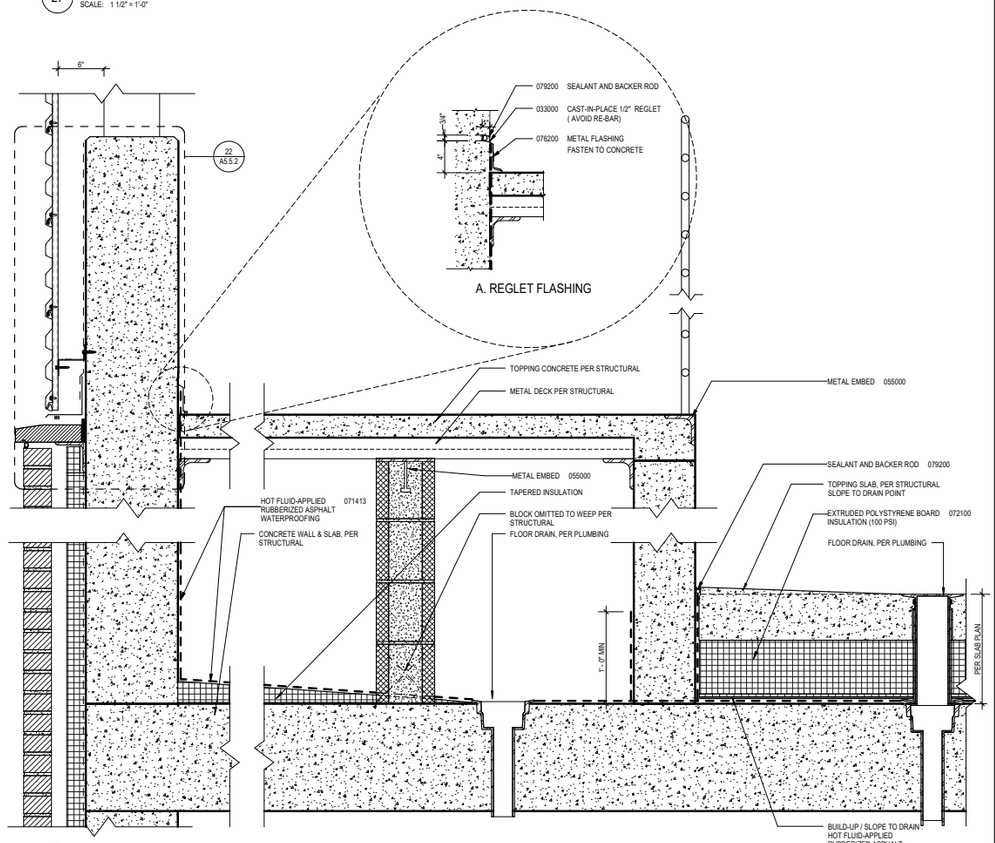
45 LOADING DOCK PEDESTRIAN PLATFORM AT SHEAR WALL
SCALE: 1 1/2" = 1'-0"



72 LOADING DOCK CURB AT CMU W/ BRICK VENEER
SCALE: 1 1/2" = 1'-0"



48 LOADING DOCK PEDESTRIAN PLATFORM AT MASONRY VENEER
SCALE: 1 1/2" = 1'-0"



32 LOADING DOCK PEDESTRIAN PLATFORM
SCALE: 1 1/2" = 1'-0"

NOTE : REFER TO STRUCTURAL SHEET S7.0.0 DETAIL 6 FOR FURTHER INFORMATION

Plot Date: 11/19/2018 5:25:10 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
BULLETIN 7	7	31 MAY 2017

SEALS AND SIGNATURES

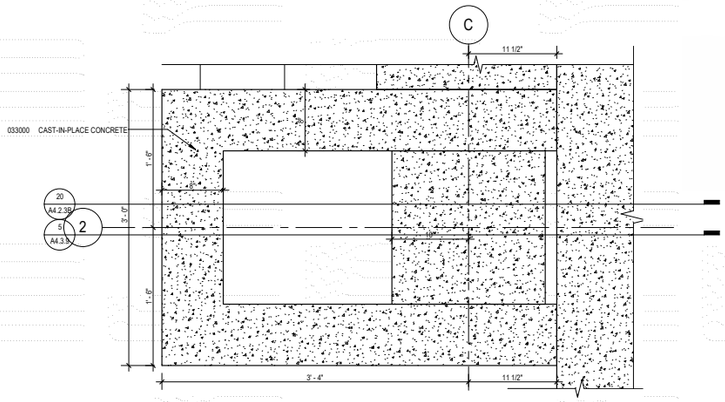
LICENSED ARCHITECT REGINALD L. DIVENSON C-8790 9-31-19 STATE OF CALIFORNIA

KEYPLAN NORTH

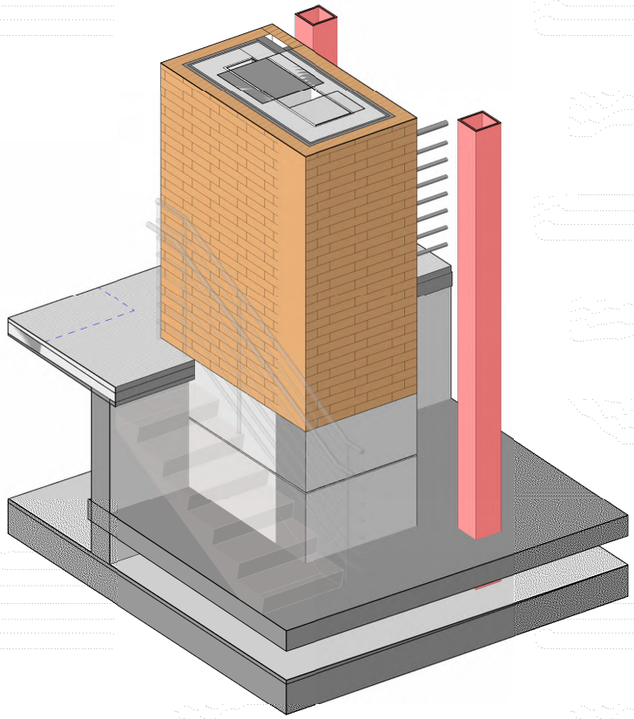
SHEET TITLE
LOADING DOCK DETAILS

PROJECT NUMBER
A4.2.3A

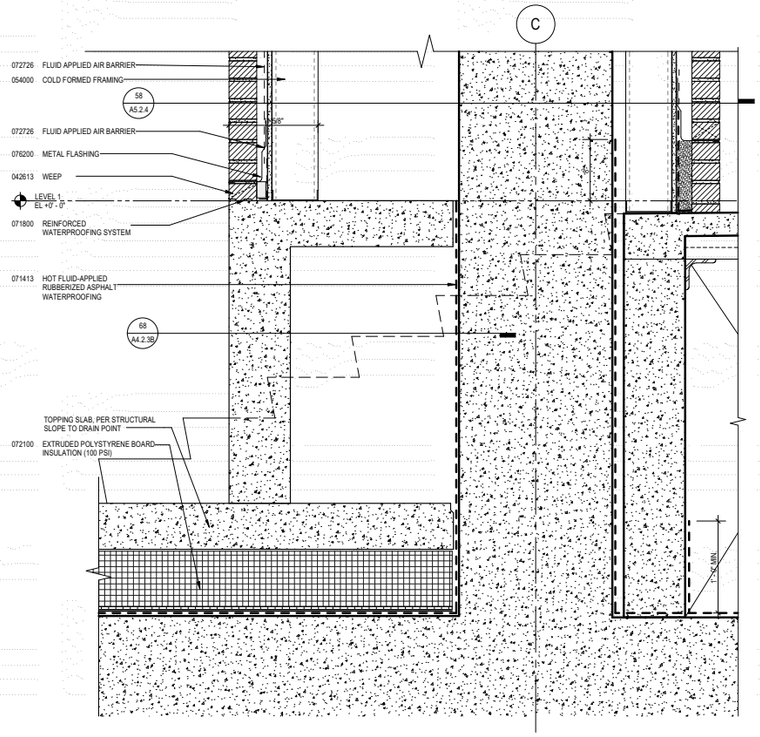
SHEET NUMBER



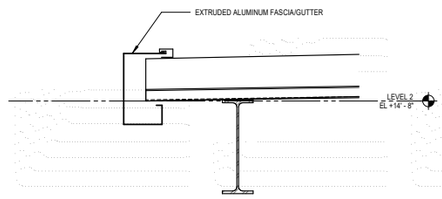
68 LOADING DOCK CONCRETE PAD AT COLUMN C8
SCALE: 1 1/2" = 1'-0"



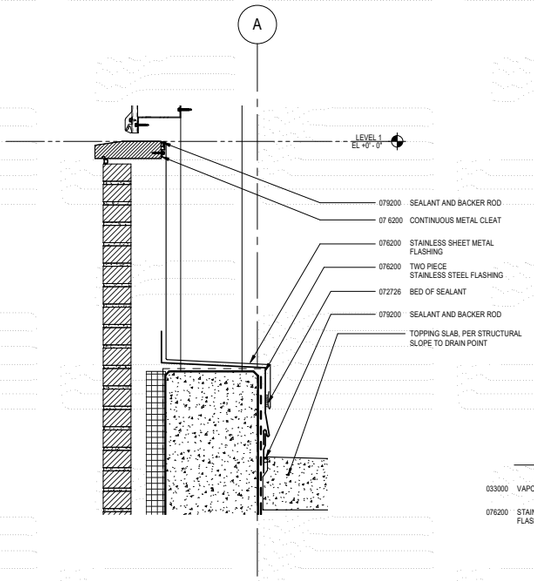
44 LOADING DOCK BRICK AND CONCRETE PAD AT COLUMN C8 3D VIEW
SCALE:



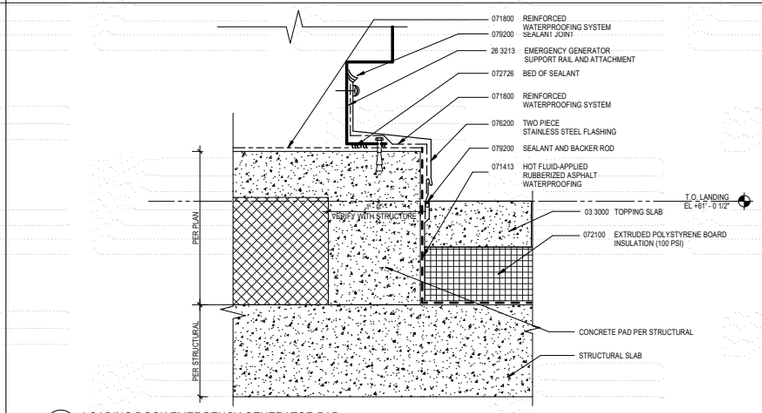
20 BRICK COLUMN ENCLOSURE
SCALE: 1 1/2" = 1'-0"



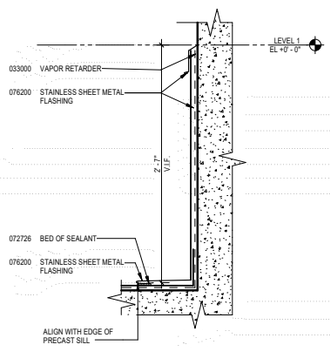
62 LOADING DOCK CANOPY GUTTER
SCALE: 1 1/2" = 1'-0"



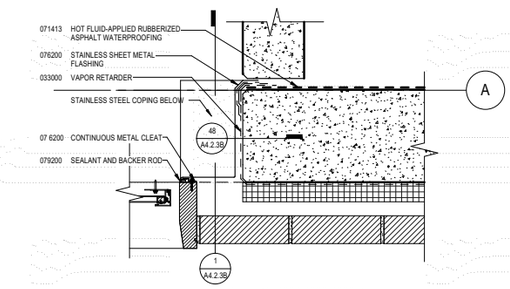
1 LOADING DOCK BRICK COPING TO CURB TRANSITION SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



24 LOADING DOCK EMERGENCY GENERATOR PAD
SCALE: 1 1/2" = 1'-0"



48 LOADING DOCK CURB TO WALL FLASHING SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



46 LOADING DOCK BRICK AND COPING TRANSITION PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS	—	05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017

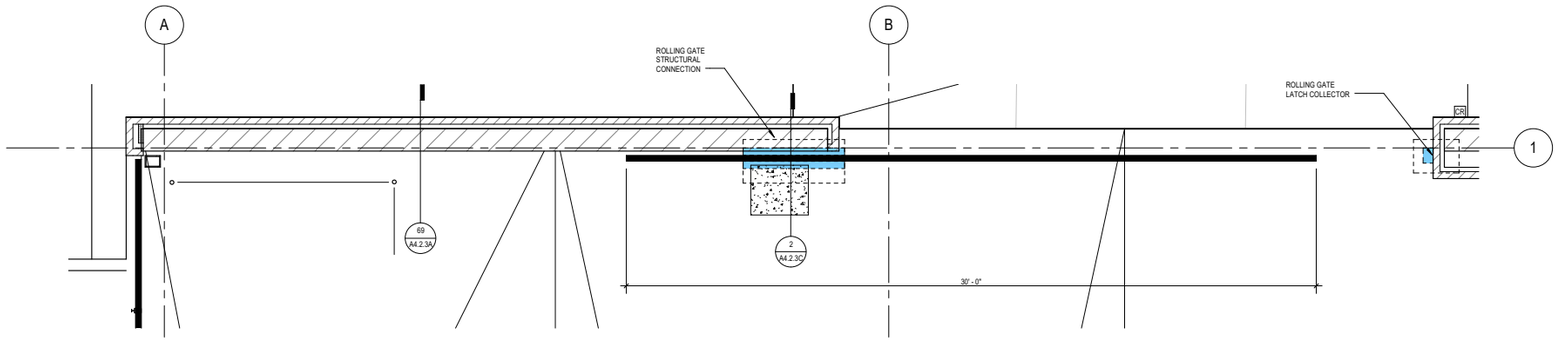
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENDERFER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

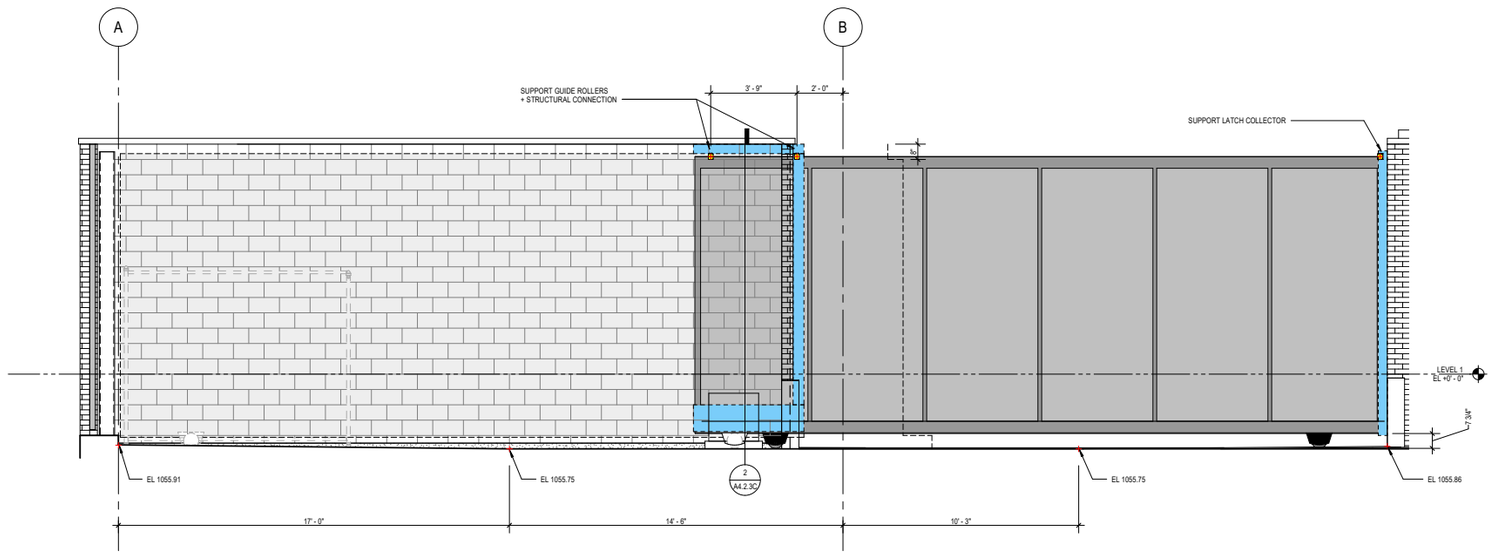
SHEET TITLE
LOADING DOCK DETAILS

PROJECT NUMBER
A4.2.3B
SHEET NUMBER

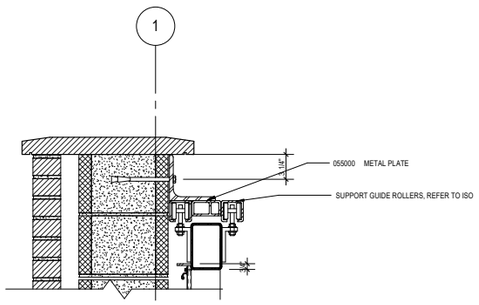
Plot Date: 11/19/2018 5:25:26 PM Author

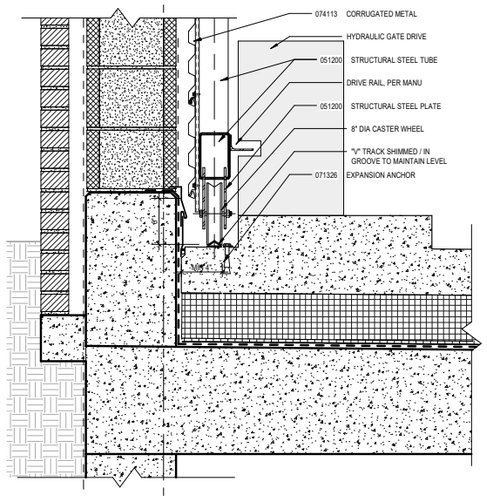


1 LODAING DOCK GATE PLAN
SCALE: 3/8" = 1'-0"

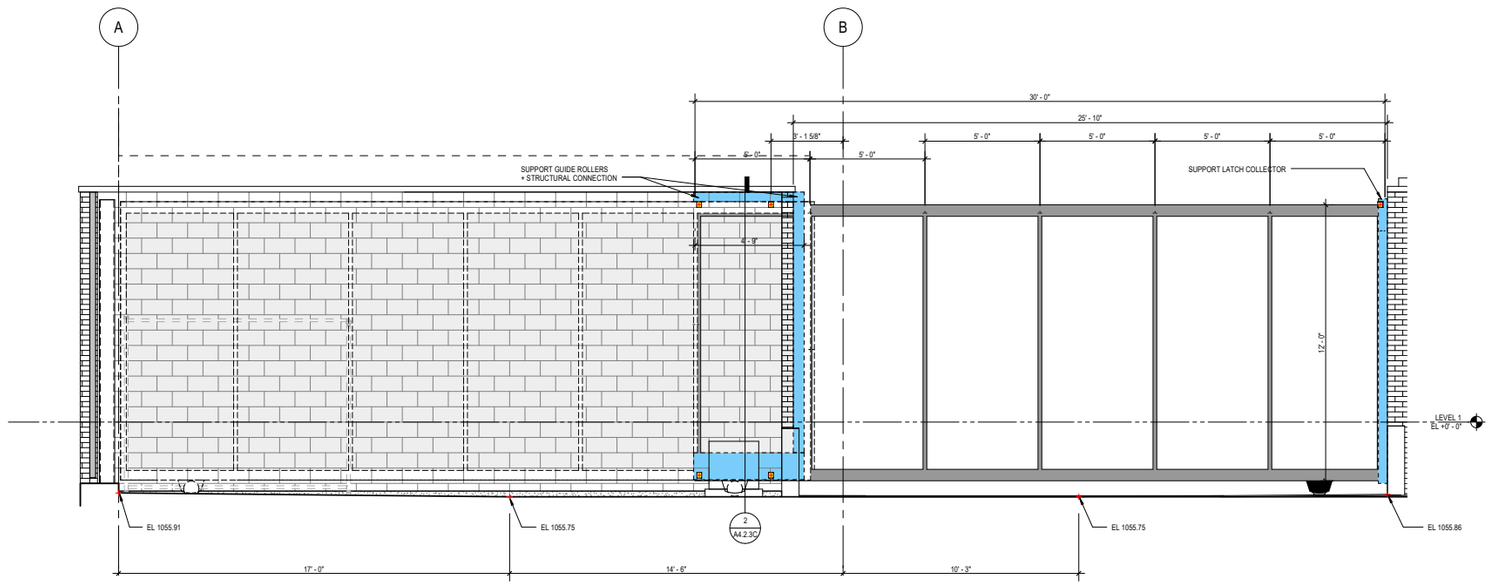


4 LOADING DOCK GATE ELEVATION
SCALE: 3/8" = 1'-0"





2 LOADING DOCK GATE
SCALE: 1 1/2" = 1'-0"



8 LOADING DOCK GATE ELEVATION FRAME
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:25:37 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018

SEALS AND SIGNATURES

LICENSED ARCHITECT — ORIGINAL - DISTRIBUTED — C-8790 — 8-31-19 RENEW — STATE OF CALIFORNIA

SHEET TITLE
LOADING DOCK GATE

PROJECT NUMBER
A4.2.3C

SHEET NUMBER

University of
California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary
Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018

SEALS AND SIGNATURES



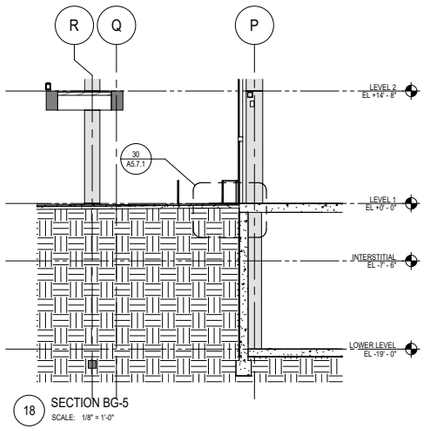
SHEET TITLE
LOADING DOCK PANELS

PROJECT NUMBER
A4.2.3D
SHEET NUMBER

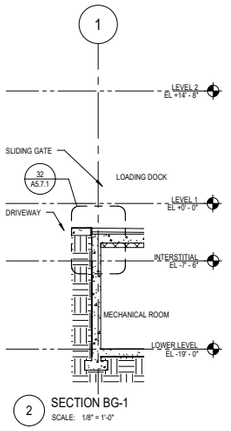
Plot Date: 11/19/2018 5:25:41 PM Author



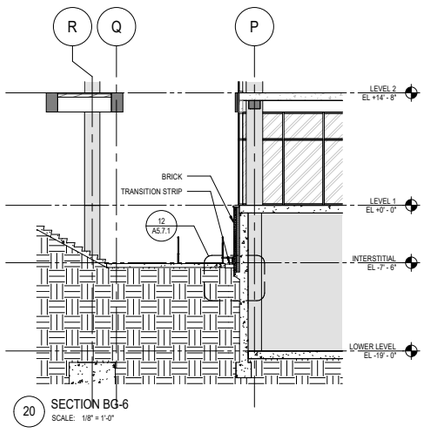
68 PLAN DIAGRAM FOR BELOW GRADE DETAILS
SCALE: 1/16" = 1'-0"



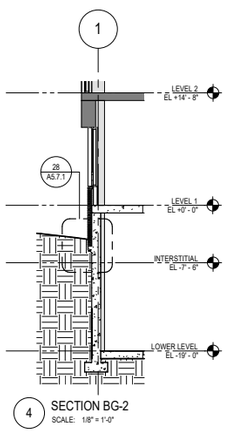
18 SECTION BG-5
SCALE: 1/8" = 1'-0"



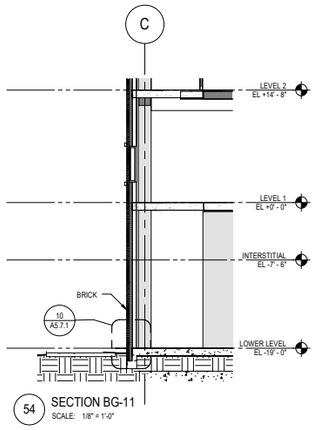
2 SECTION BG-1
SCALE: 1/8" = 1'-0"



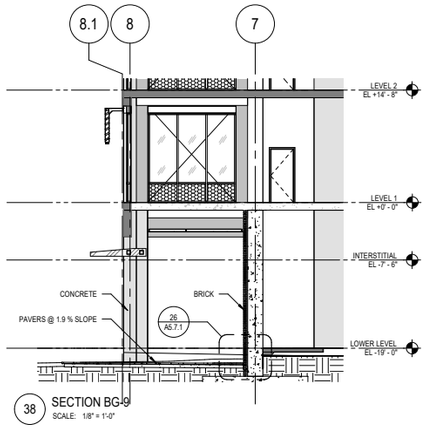
20 SECTION BG-6
SCALE: 1/8" = 1'-0"



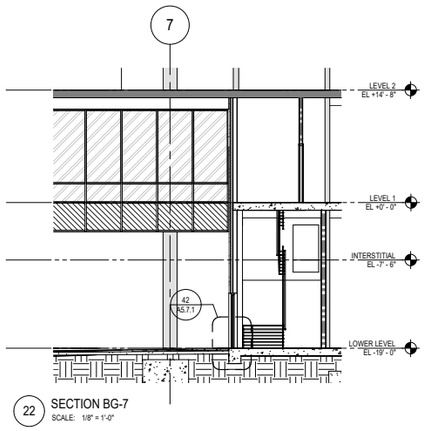
4 SECTION BG-2
SCALE: 1/8" = 1'-0"



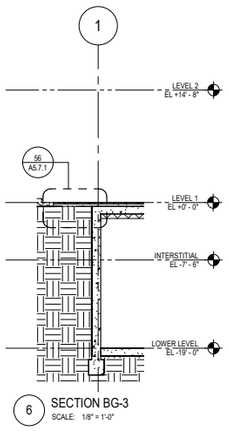
54 SECTION BG-11
SCALE: 1/8" = 1'-0"



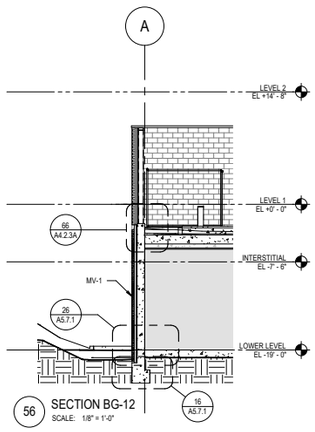
38 SECTION BG-9
SCALE: 1/8" = 1'-0"



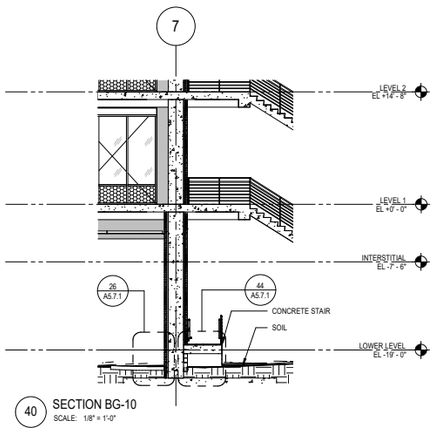
22 SECTION BG-7
SCALE: 1/8" = 1'-0"



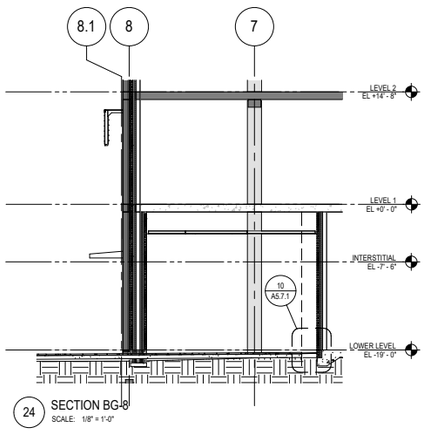
6 SECTION BG-3
SCALE: 1/8" = 1'-0"



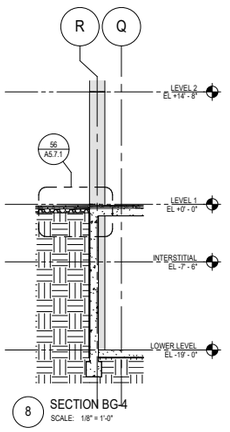
56 SECTION BG-12
SCALE: 1/8" = 1'-0"



40 SECTION BG-10
SCALE: 1/8" = 1'-0"



24 SECTION BG-8
SCALE: 1/8" = 1'-0"



8 SECTION BG-4
SCALE: 1/8" = 1'-0"

Plot Date: 11/19/2018 5:26:03 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 9	9	24 AUG 2017
DSA RECORD SET		28 MAR 2017
DIP2B - IFC		24 JAN 2017
DIP2B - CD 95%		23 DEC 2016
DIP2B - CD 75%		08 NOV 2016

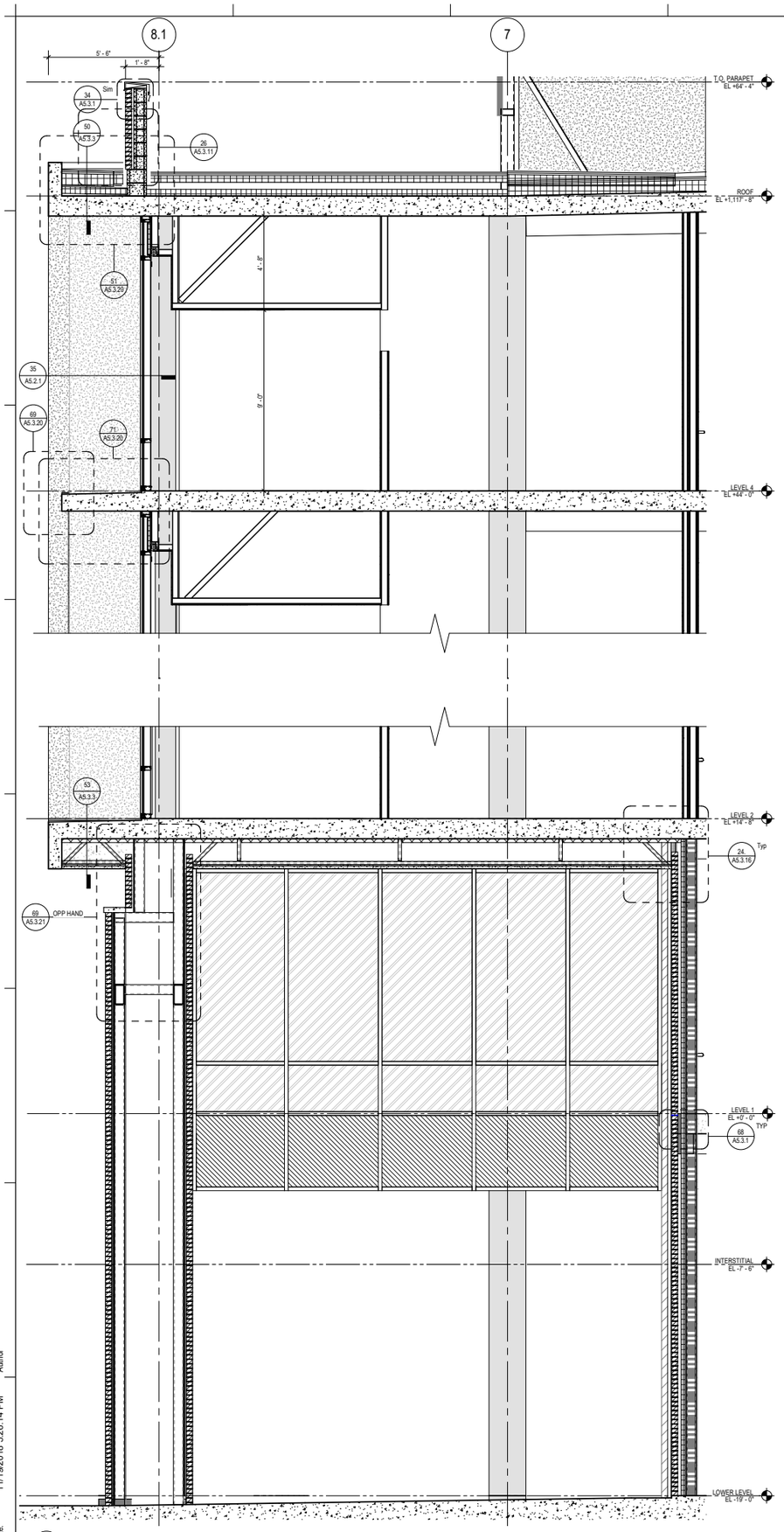
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFERDON C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

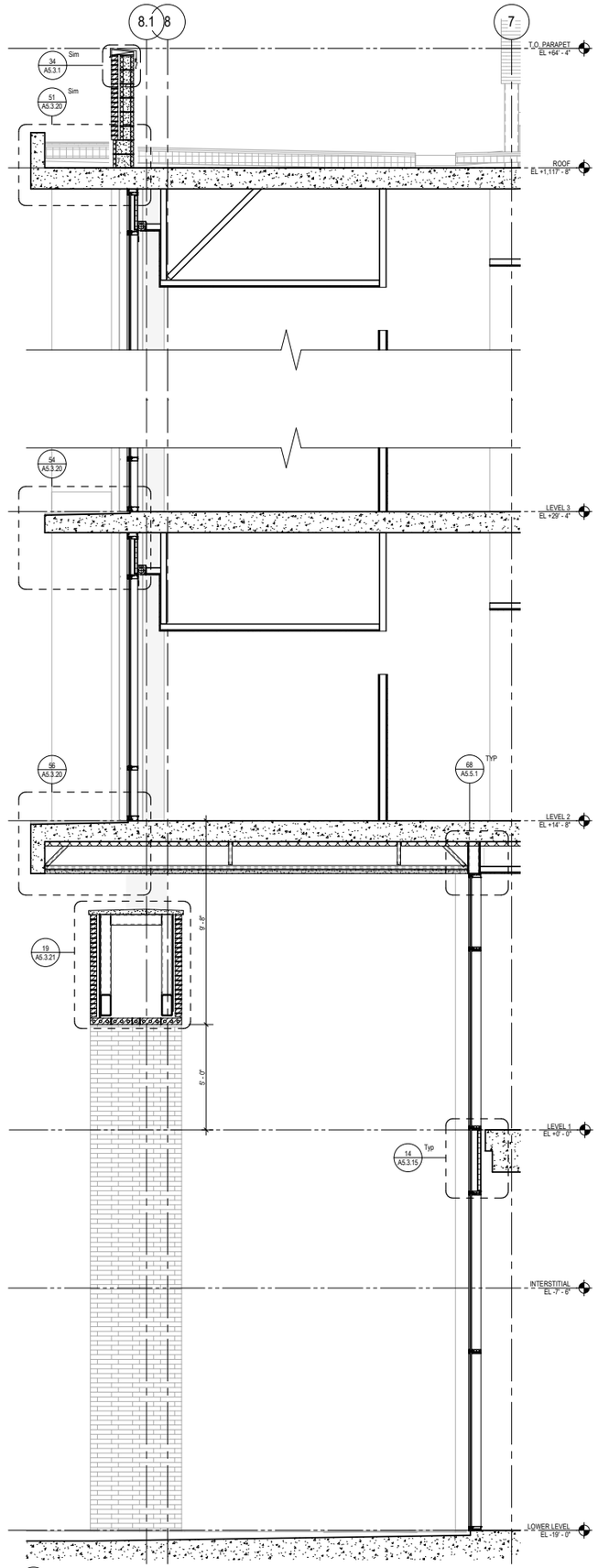
NORTH

SHEET TITLE
BELOW GRADE SECTIONS

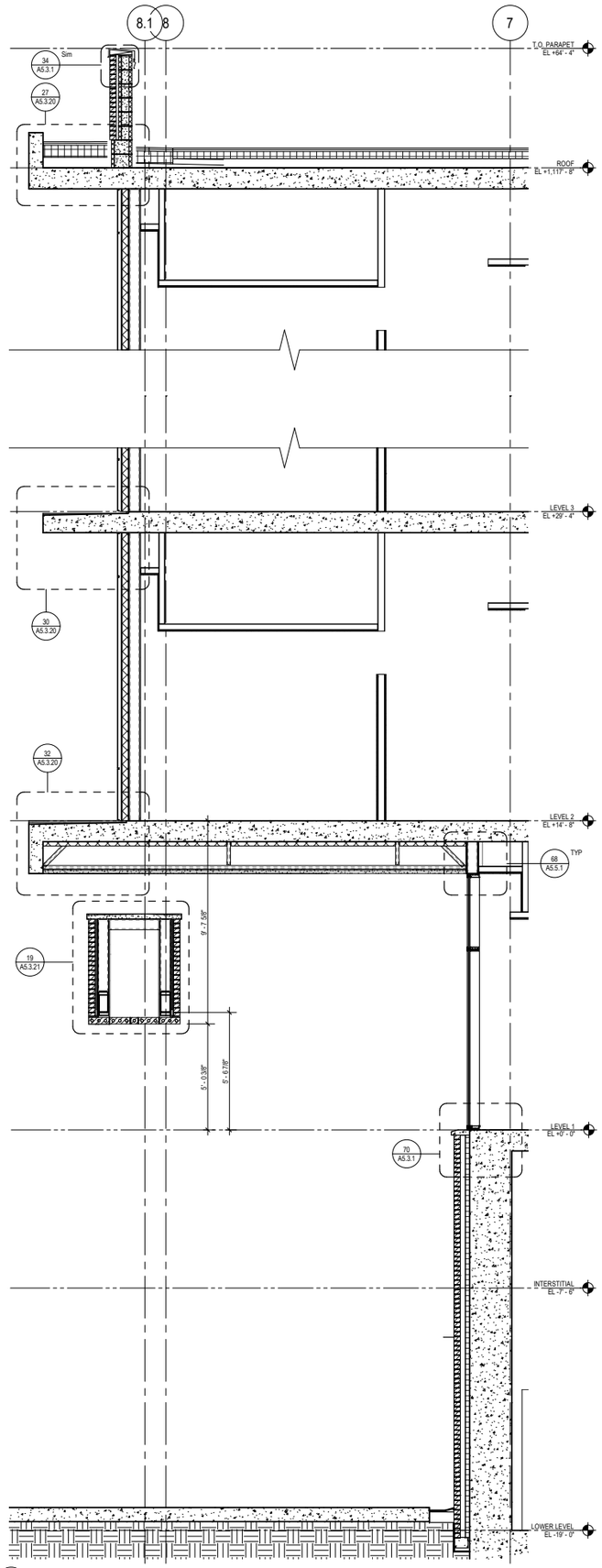
PROJECT NUMBER
A4.2.4
SHEET NUMBER



72 SOUTH EXTERIOR WALL SECTION 3
SCALE: 3/8" = 1'-0"



40 SOUTH EXTERIOR WALL SECTION 2
SCALE: 3/8" = 1'-0"



24 SOUTH EXTERIOR WALL SECTION 1
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:26:14 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

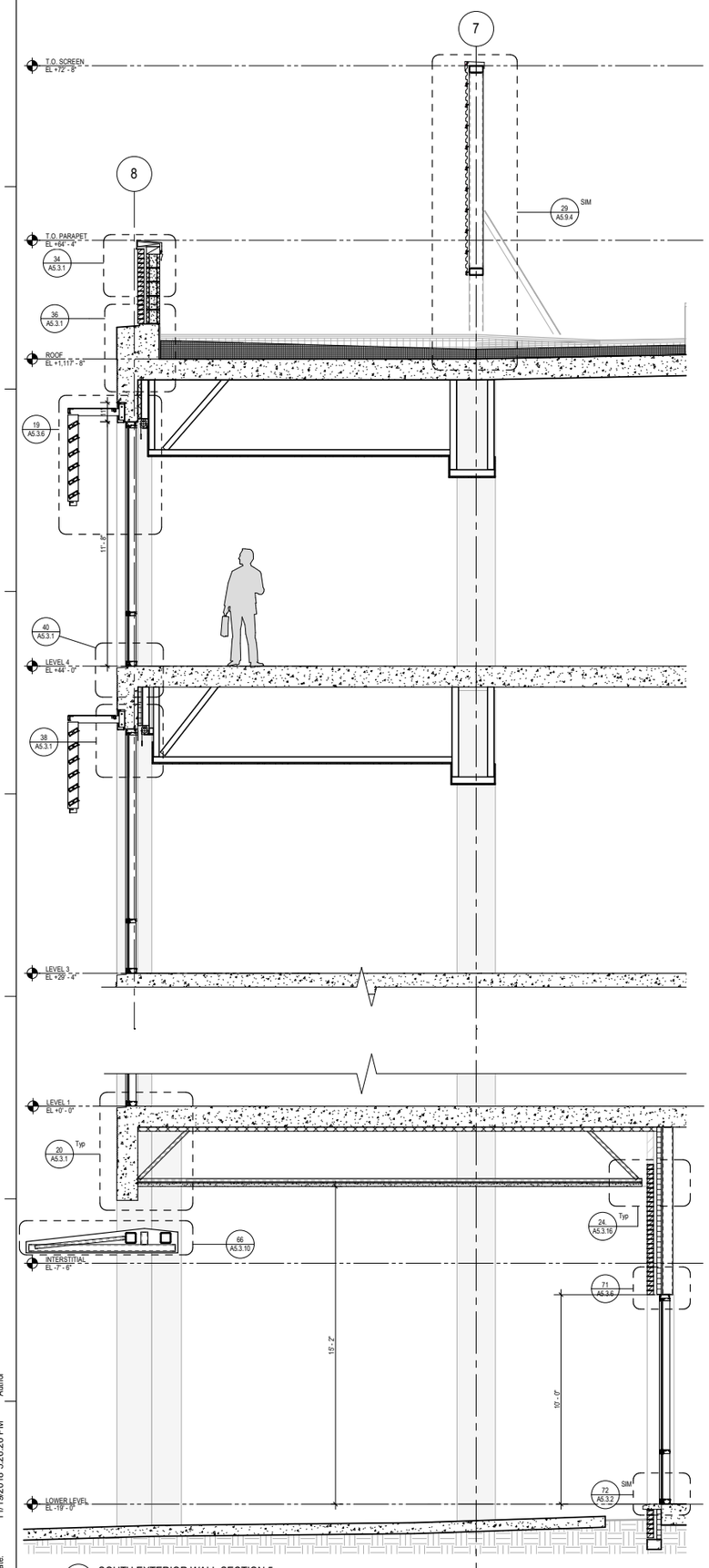
SEALS AND SIGNATURES

LICENSED ARCHITECT REGISTERED DIVISION C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

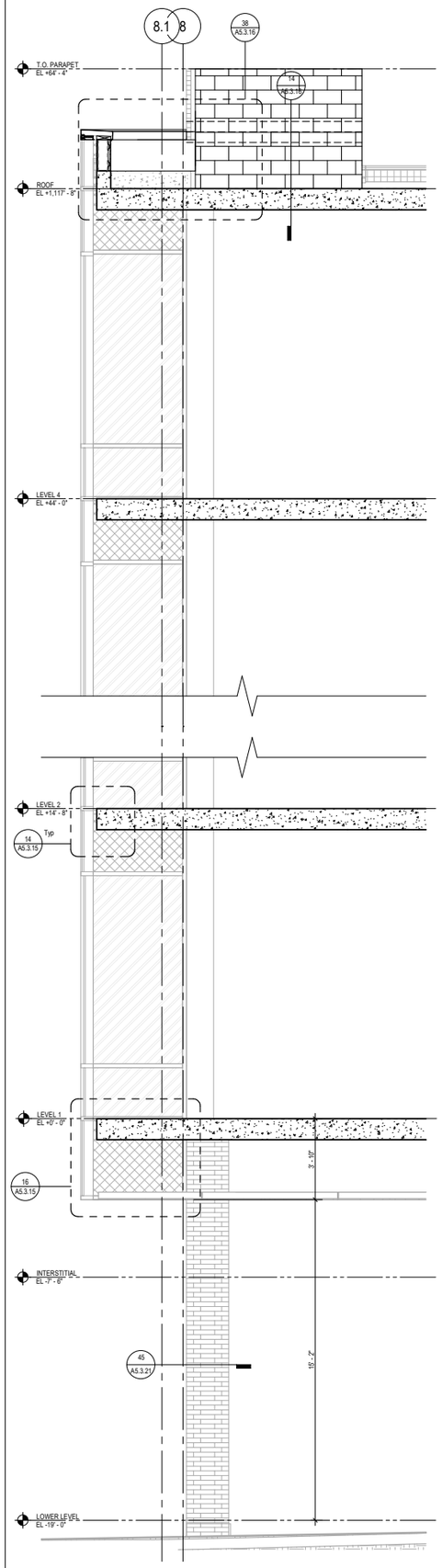
KEYPLAN NORTH

SHEET TITLE
SOUTH EXTERIOR WALL SECTIONS

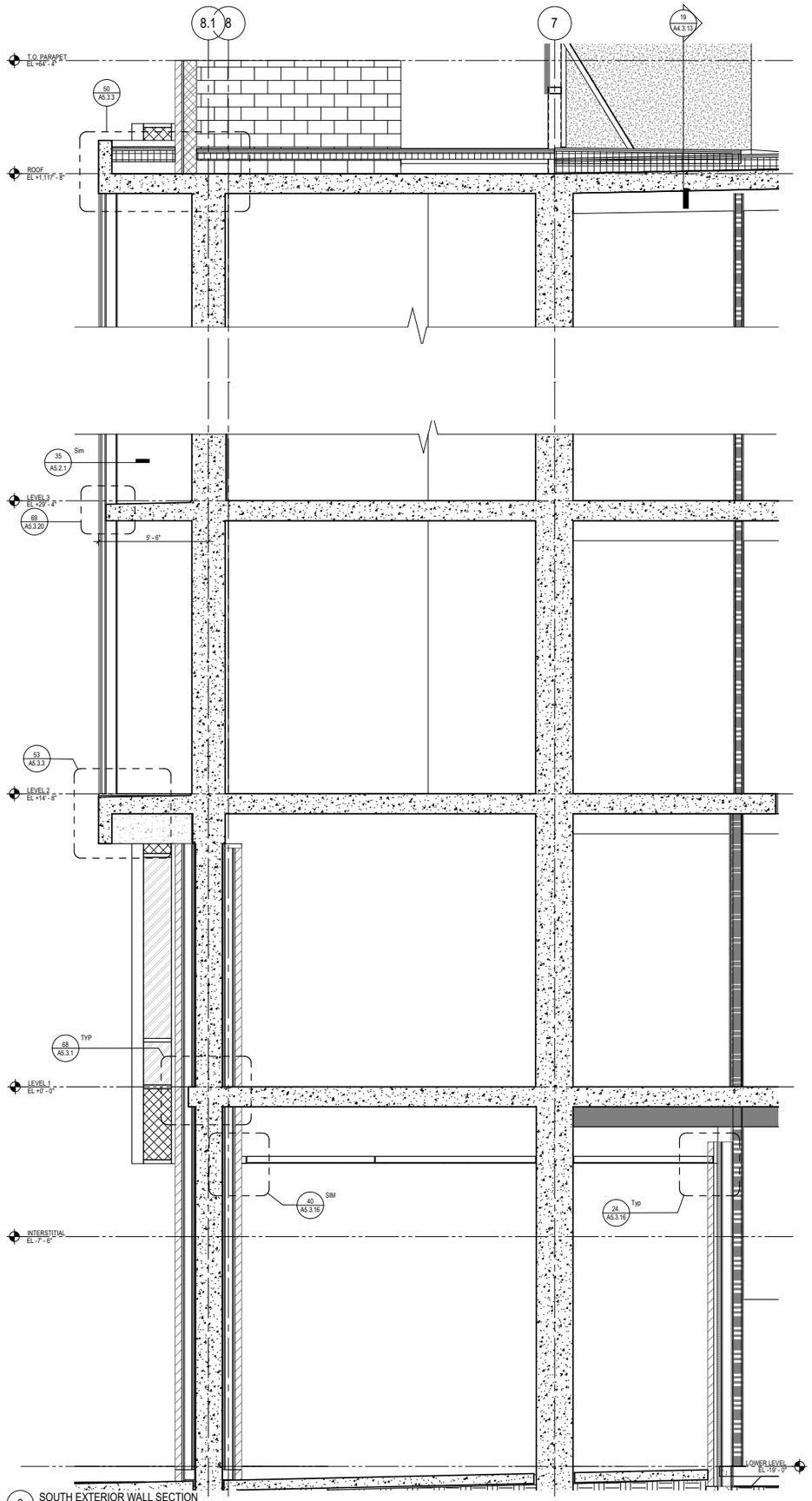
PROJECT NUMBER
A4.3.1
SHEET NUMBER



56 SOUTH EXTERIOR WALL SECTION 5
SCALE: 3/8" = 1'-0"



1 SOUTH EXTERIOR WALL SECTION 6
SCALE: 3/8" = 1'-0"



2 SOUTH EXTERIOR WALL SECTION
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:26:26 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2A - IFC		02 DEC 2016
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

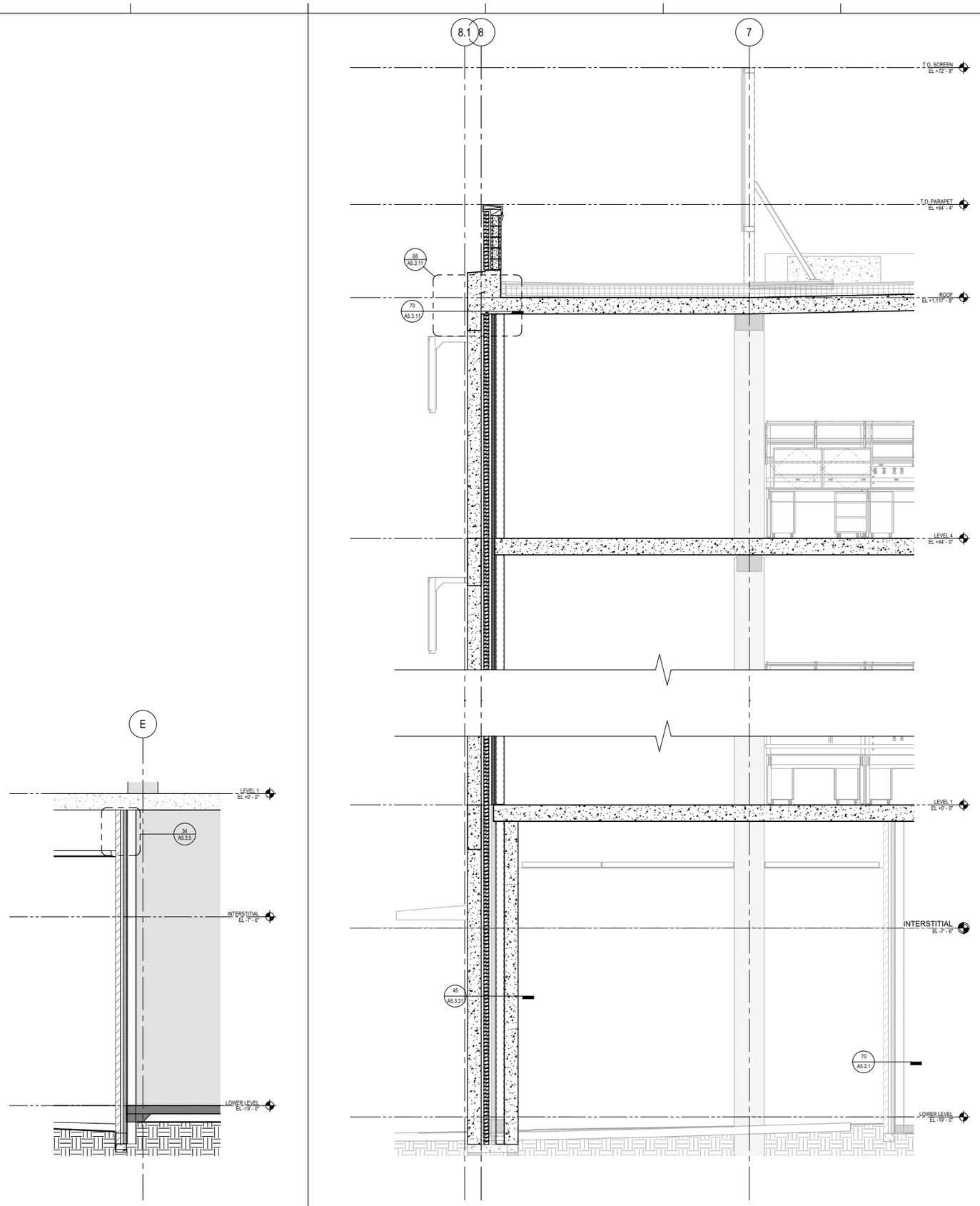
SEALS AND SIGNATURES

LICENSED ARCHITECT
BRADLEY L. DIFFENDAL
C-8790
9.24.19
RENEWAL DATE
STATE OF CALIFORNIA

KEYPLAN NORTH

SHEET TITLE
SOUTH-EXTERIOR WALL SECTIONS

PROJECT NUMBER
A4.3.2
SHEET NUMBER



1 SOUTH EXTERIOR WALL SECTION 7
SCALE: 3/8" = 1'-0"

2 SOUTH ELEVATION- WEST ELEVATION OF COVE
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:26:34 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

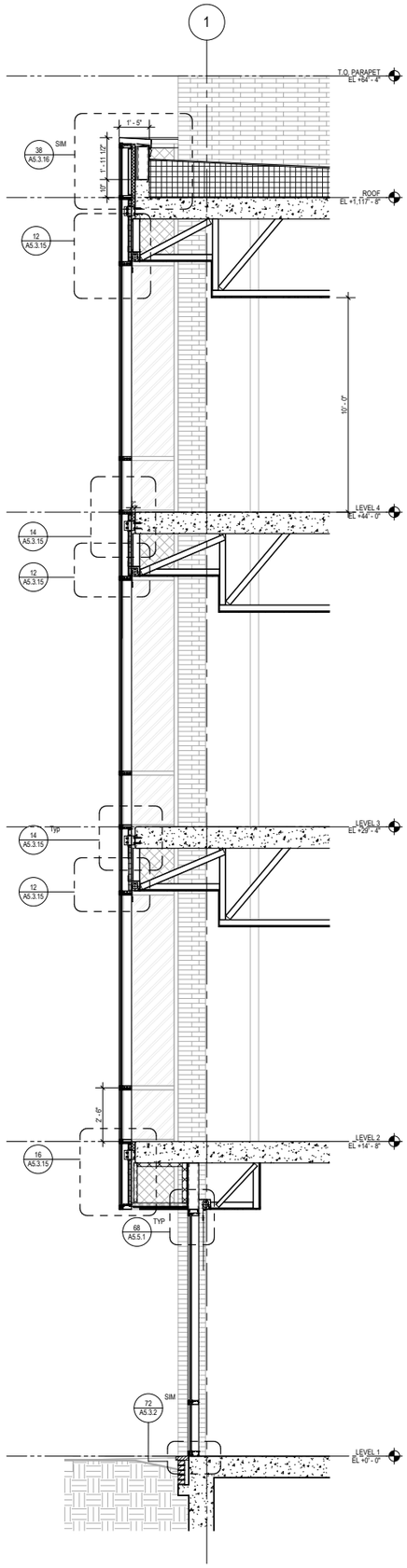
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017

SEALS AND SIGNATURES

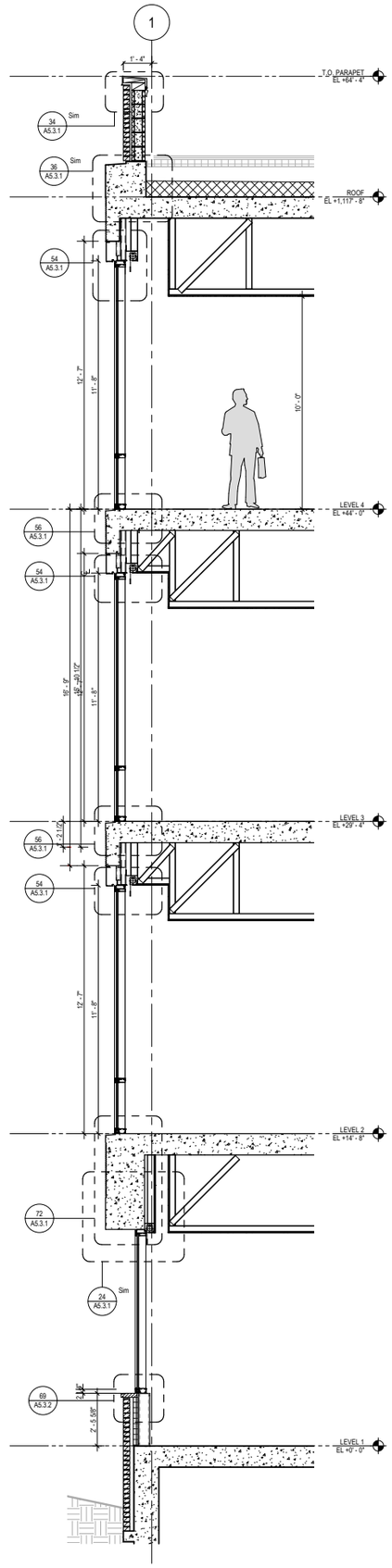
LICENSED ARCHITECT
MICHAEL L. DIFERNANDO
C-8790
9.30.19
RENEWAL
STATE OF CALIFORNIA

SHEET TITLE
SOUTH-EXTERIOR WALL SECTIONS

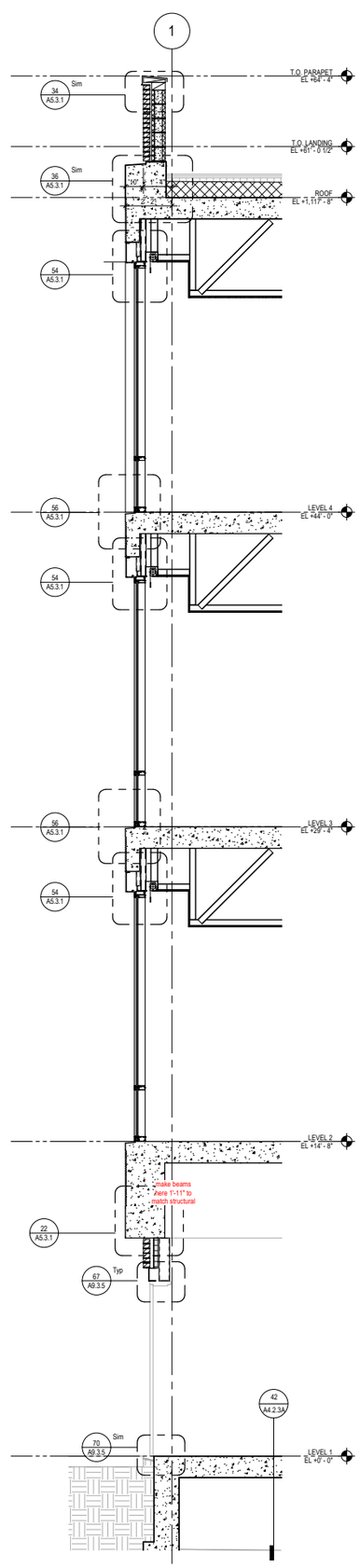
PROJECT NUMBER
A4.3.2A
SHEET NUMBER



56 NORTH EXTERIOR WALL SECTION 3
SCALE: 3/8" = 1'-0"



40 NORTH EXTERIOR WALL SECTION 2
SCALE: 3/8" = 1'-0"



24 NORTH EXTERIOR WALL SECTION 1
SCALE: 3/8" = 1'-0"

Author
11/19/2018 5:26:44 PM
Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2A - IFC		02 DEC 2016
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

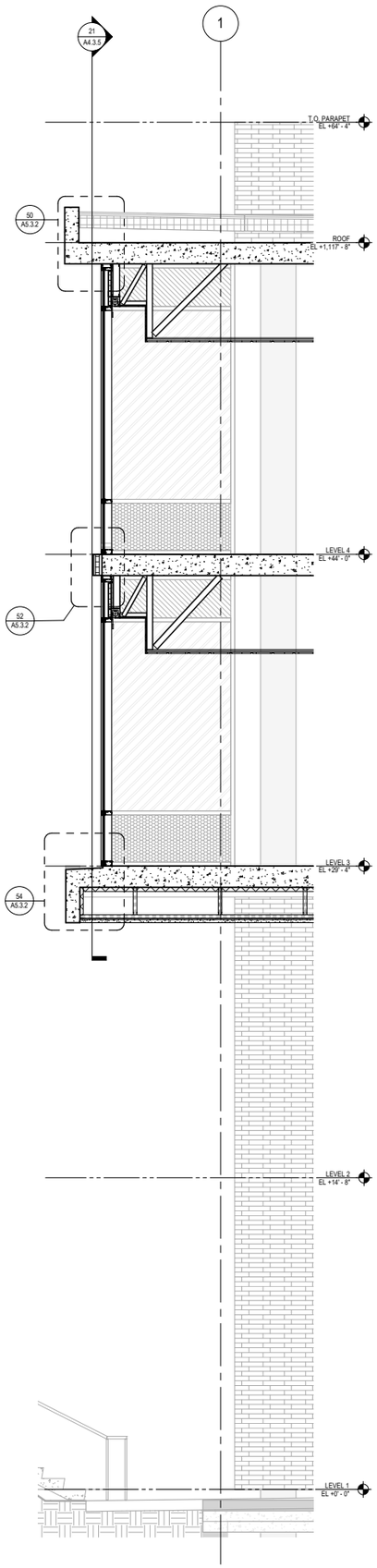
SEALS AND SIGNATURES

LICENSED ARCHITECT
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
C-8790
8-31-19
RENEWAL DATE

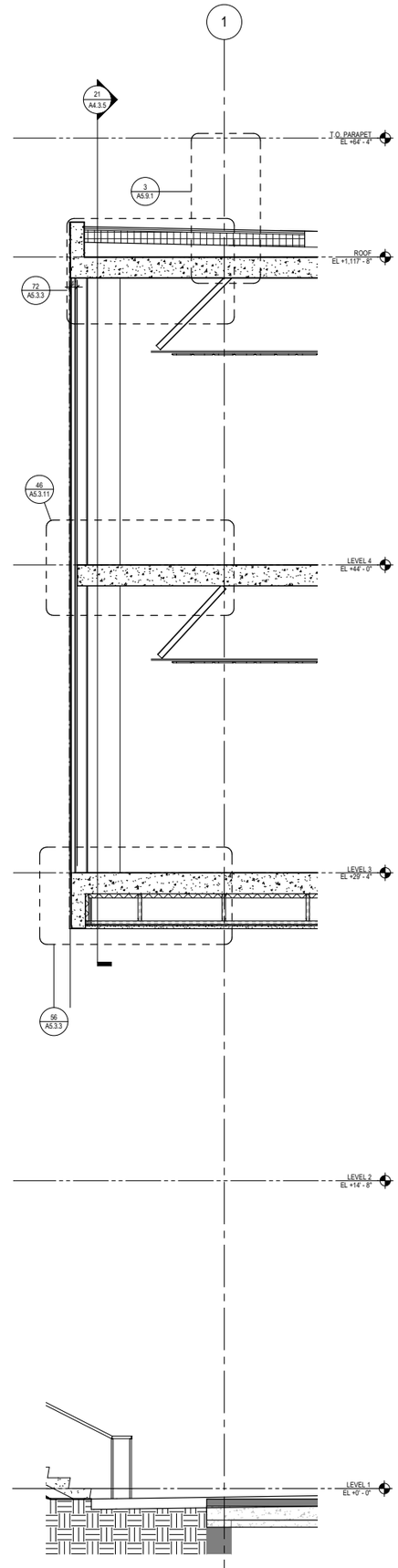
KEYPLAN
NORTH

SHEET TITLE
NORTH EXTERIOR WALL SECTIONS

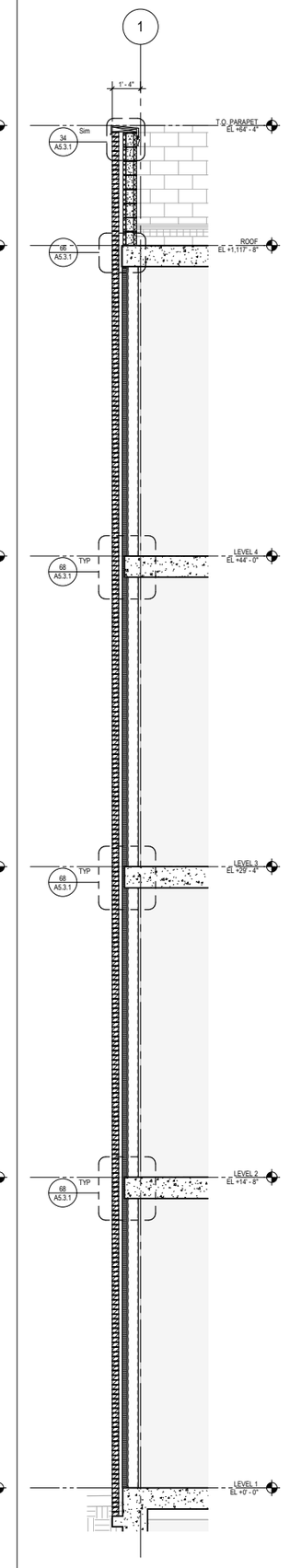
PROJECT NUMBER
A4.3.3
SHEET NUMBER



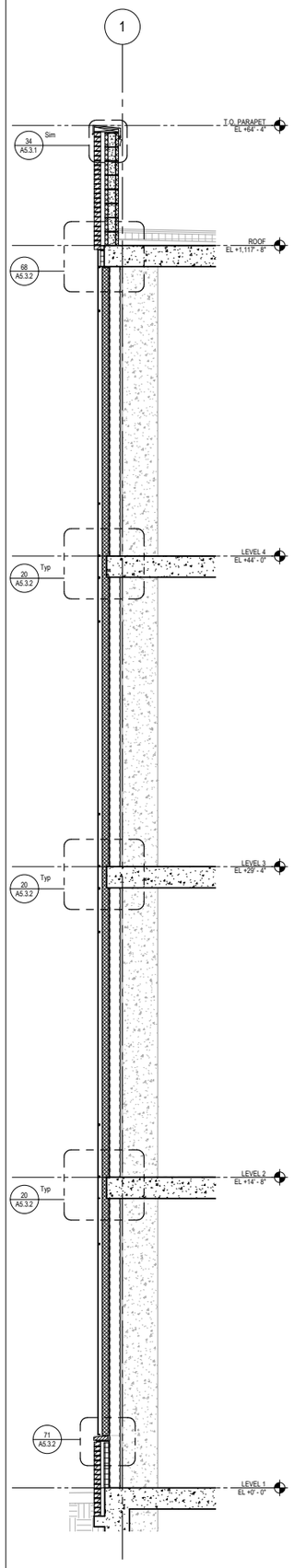
72 NORTH EXTERIOR WALL SECTION 6
SCALE: 3/8" = 1'-0"



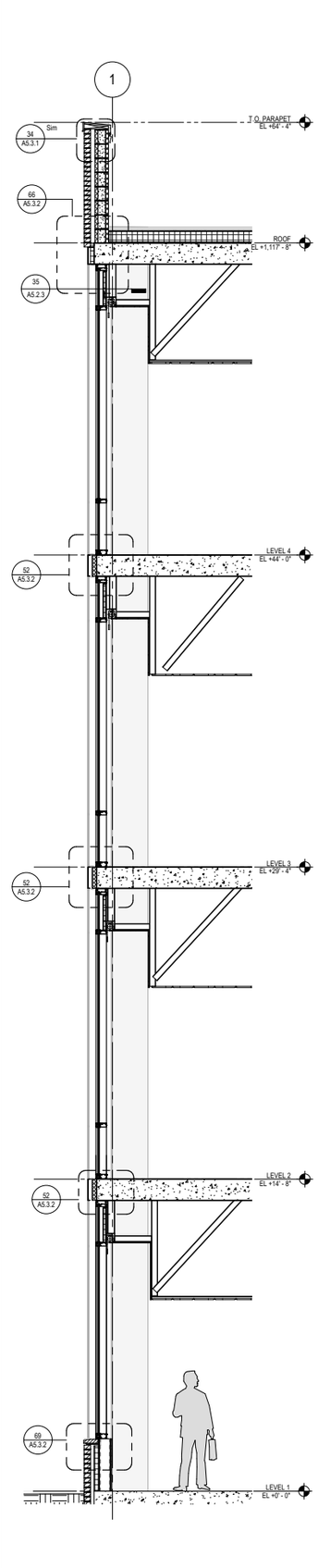
64 NORTH EXTERIOR WALL SECTION 8
SCALE: 3/8" = 1'-0"



56 NORTH EXTERIOR WALL SECTION 7
SCALE: 3/8" = 1'-0"



40 NORTH EXTERIOR WALL SECTION 5
SCALE: 3/8" = 1'-0"



24 NORTH EXTERIOR WALL SECTION 4
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:26:55 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

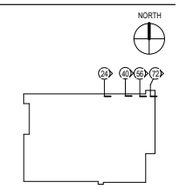
ISSUED FOR

	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

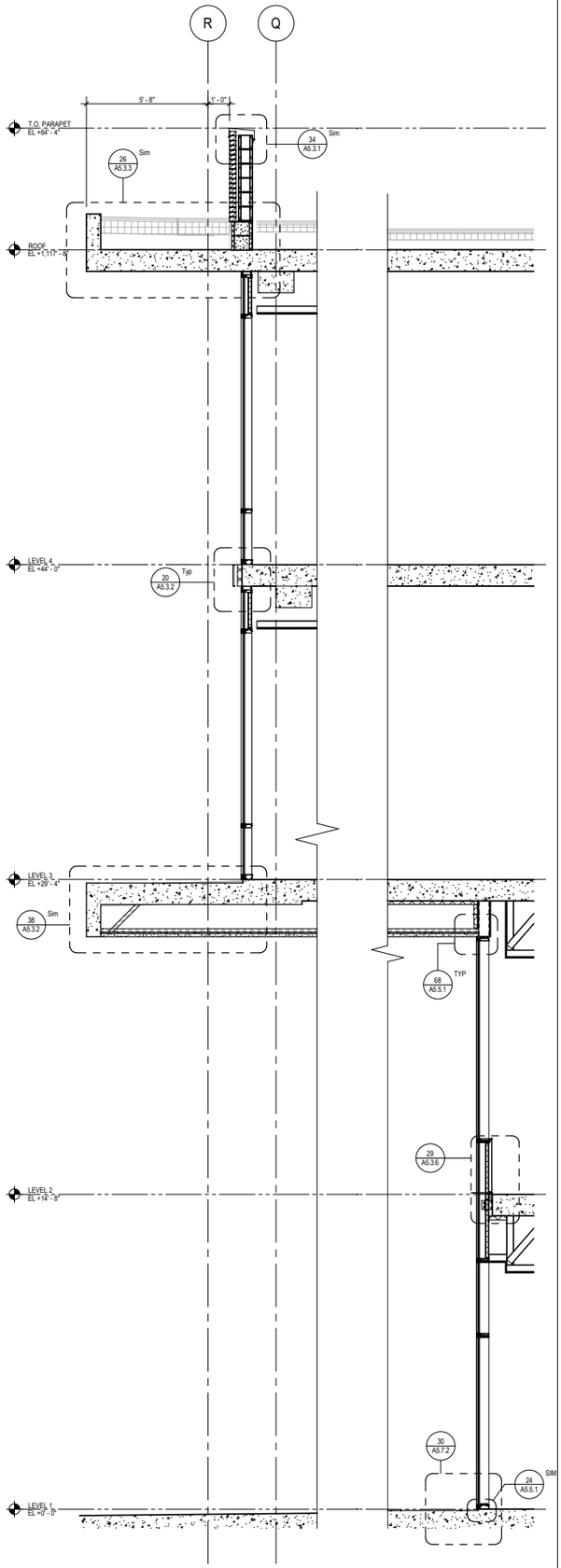
LICENSED ARCHITECT
BRADLEY L. DIFFENDAL
C-8790
9.24.19
RENEWAL DATE
STATE OF CALIFORNIA

KEYPLAN

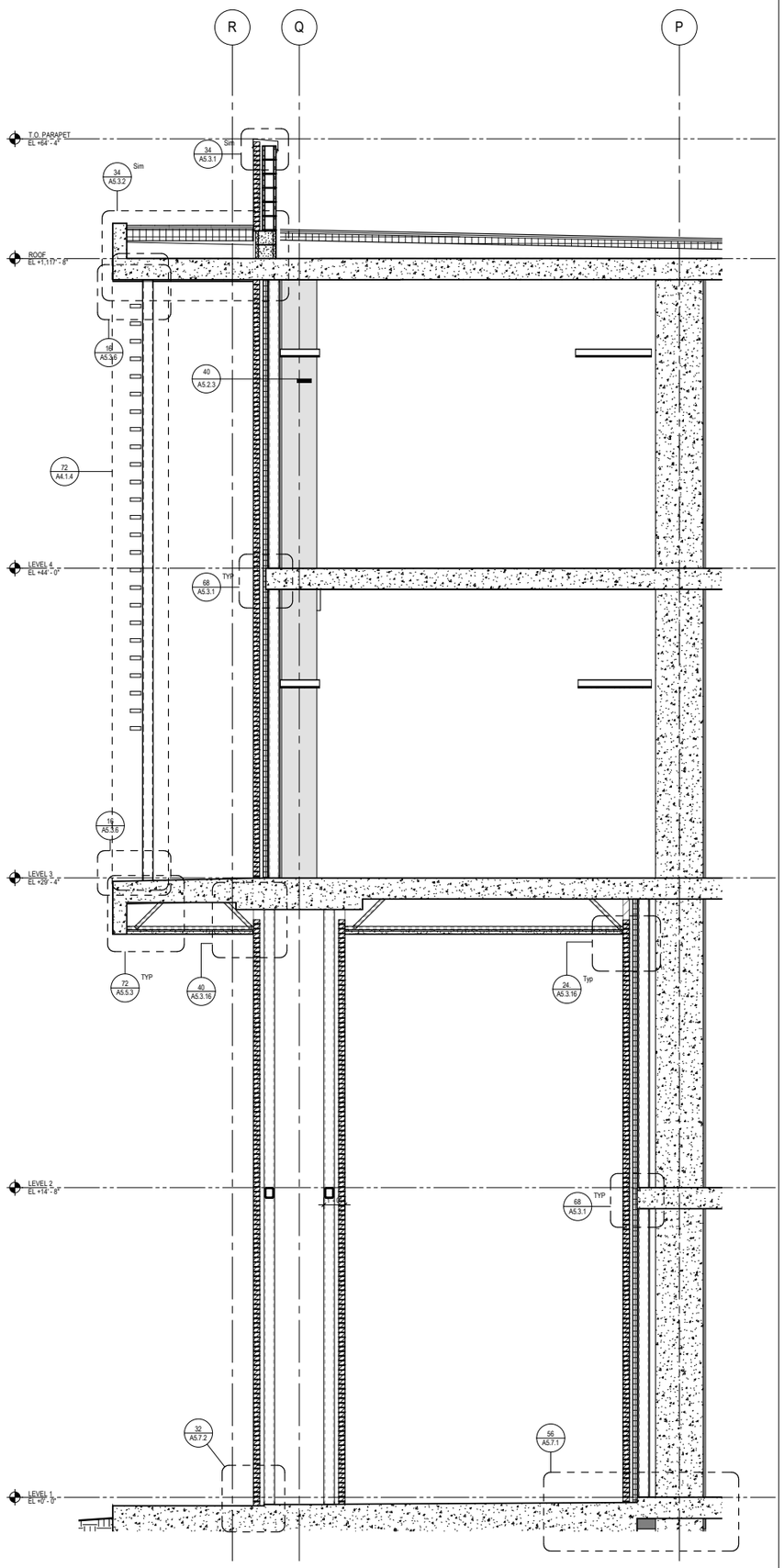


SHEET TITLE
NORTH EXTERIOR WALL SECTIONS

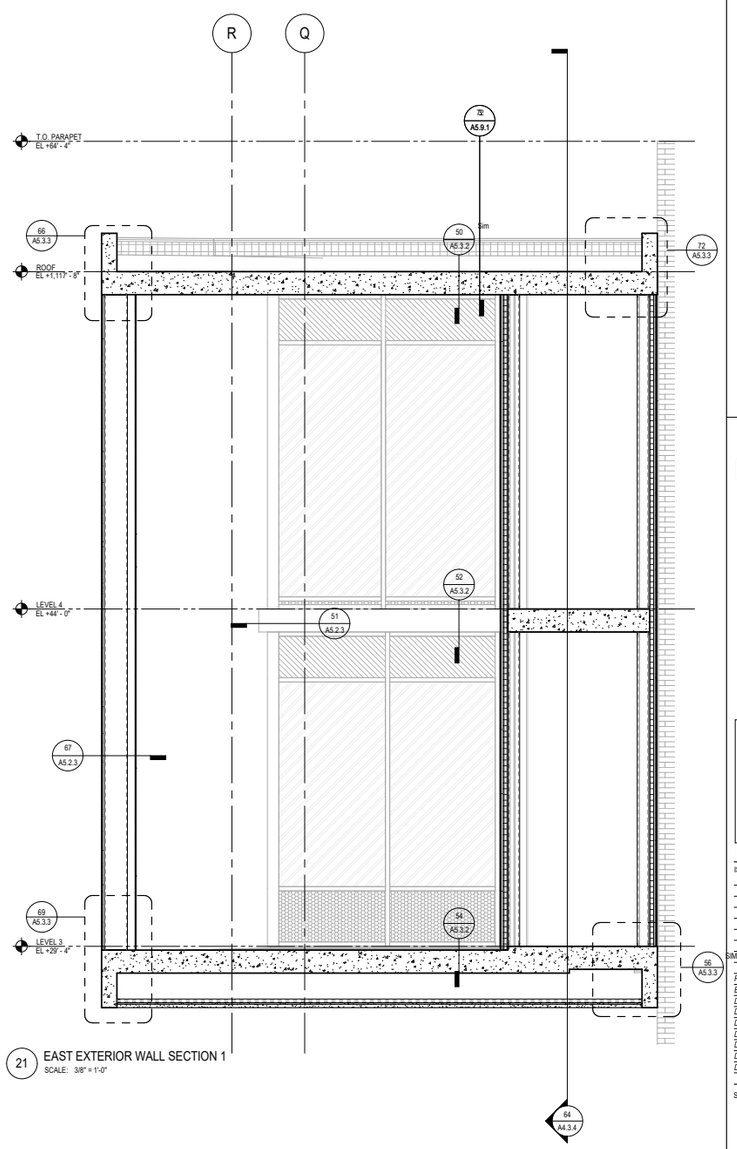
PROJECT NUMBER
A4.3.4
SHEET NUMBER



72 EAST EXTERIOR WALL SECTION 3
SCALE: 3/8" = 1'-0"



56 EAST EXTERIOR WALL SECTION 2
SCALE: 3/8" = 1'-0"



21 EAST EXTERIOR WALL SECTION 1
SCALE: 3/8" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

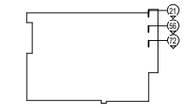
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2A - IFC		02 DEC 2016
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENDACH
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

KEYPLAN

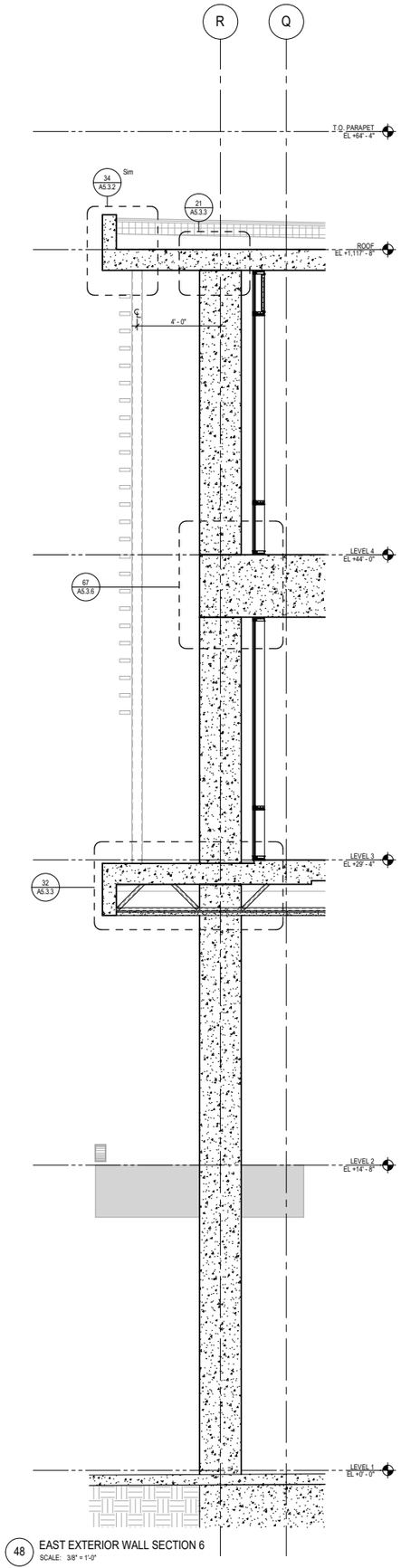


SHEET TITLE
EAST EXTERIOR WALL SECTIONS

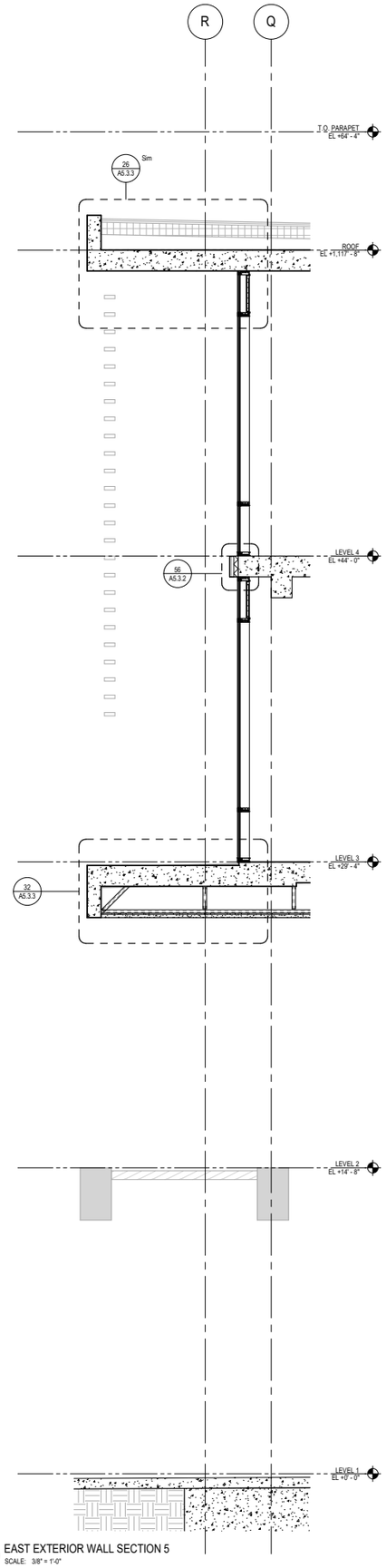
PROJECT NUMBER
A4.3.5

SHEET NUMBER

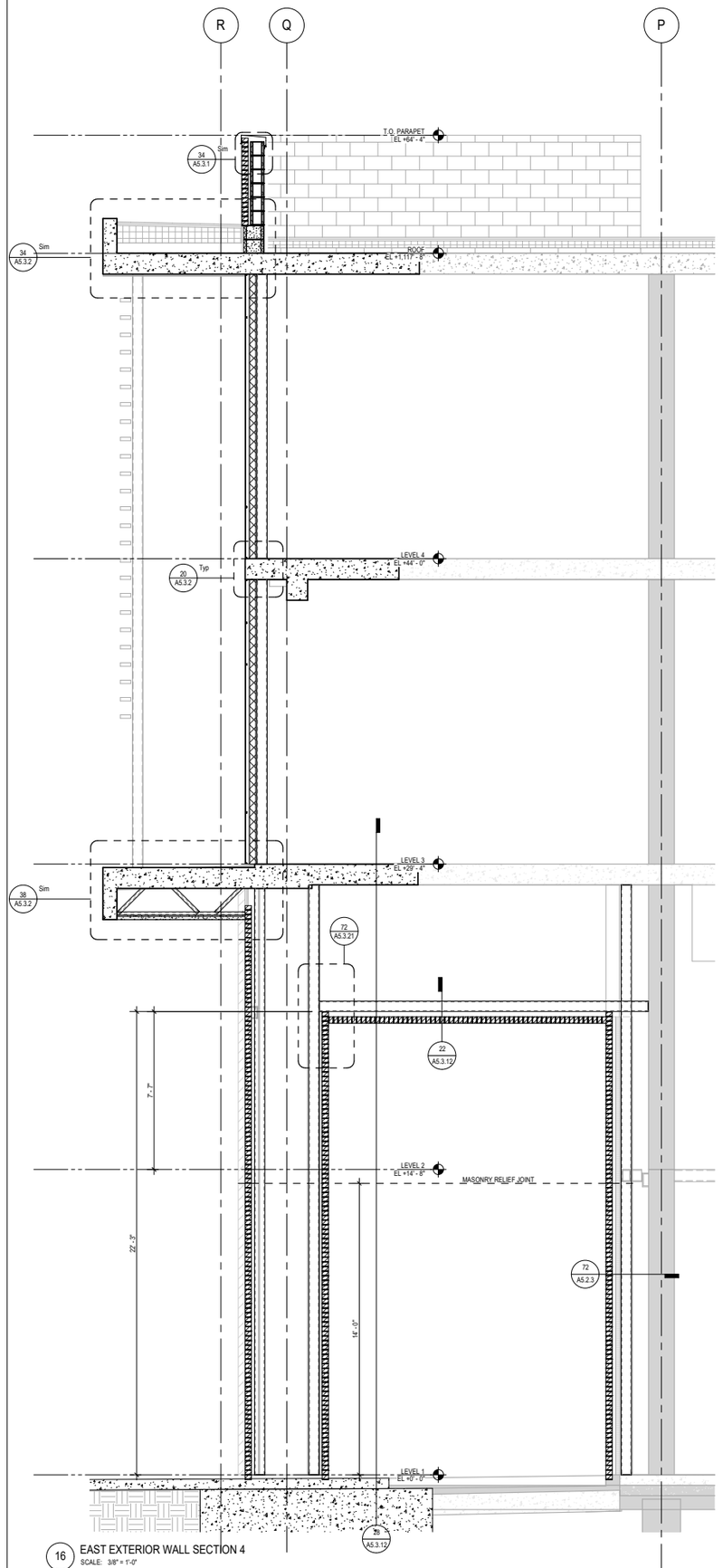
Plot Date: 11/19/2018 5:27:06 PM Author



48 EAST EXTERIOR WALL SECTION 6
SCALE: 3/8" = 1'-0"



32 EAST EXTERIOR WALL SECTION 5
SCALE: 3/8" = 1'-0"



16 EAST EXTERIOR WALL SECTION 4
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:27:15 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

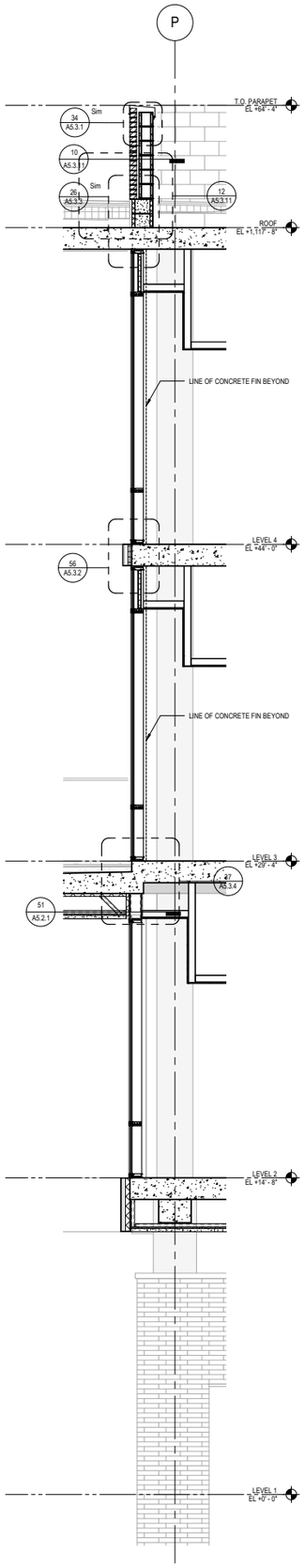
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM T. DIFFENDER
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

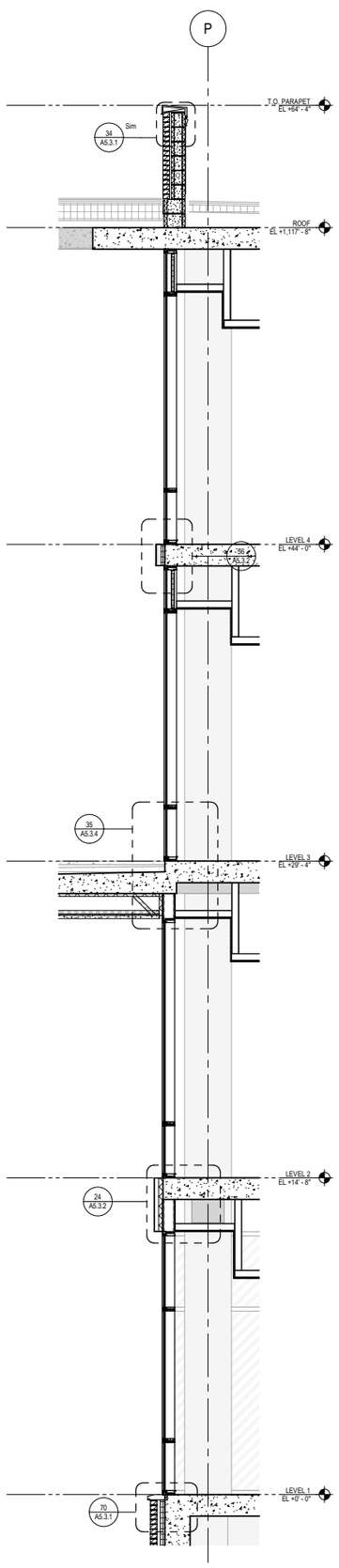
KEYPLAN NORTH

SHEET TITLE
EAST EXTERIOR WALL SECTIONS

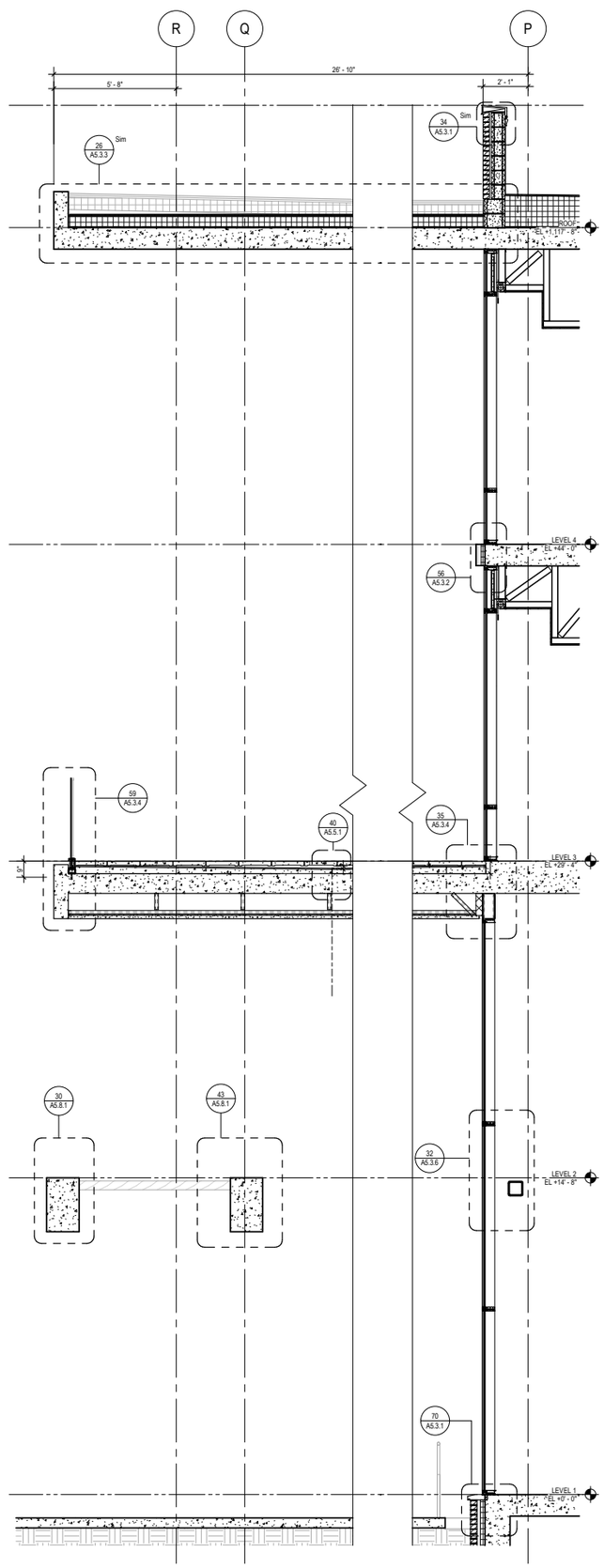
PROJECT NUMBER
A4.3.6
SHEET NUMBER



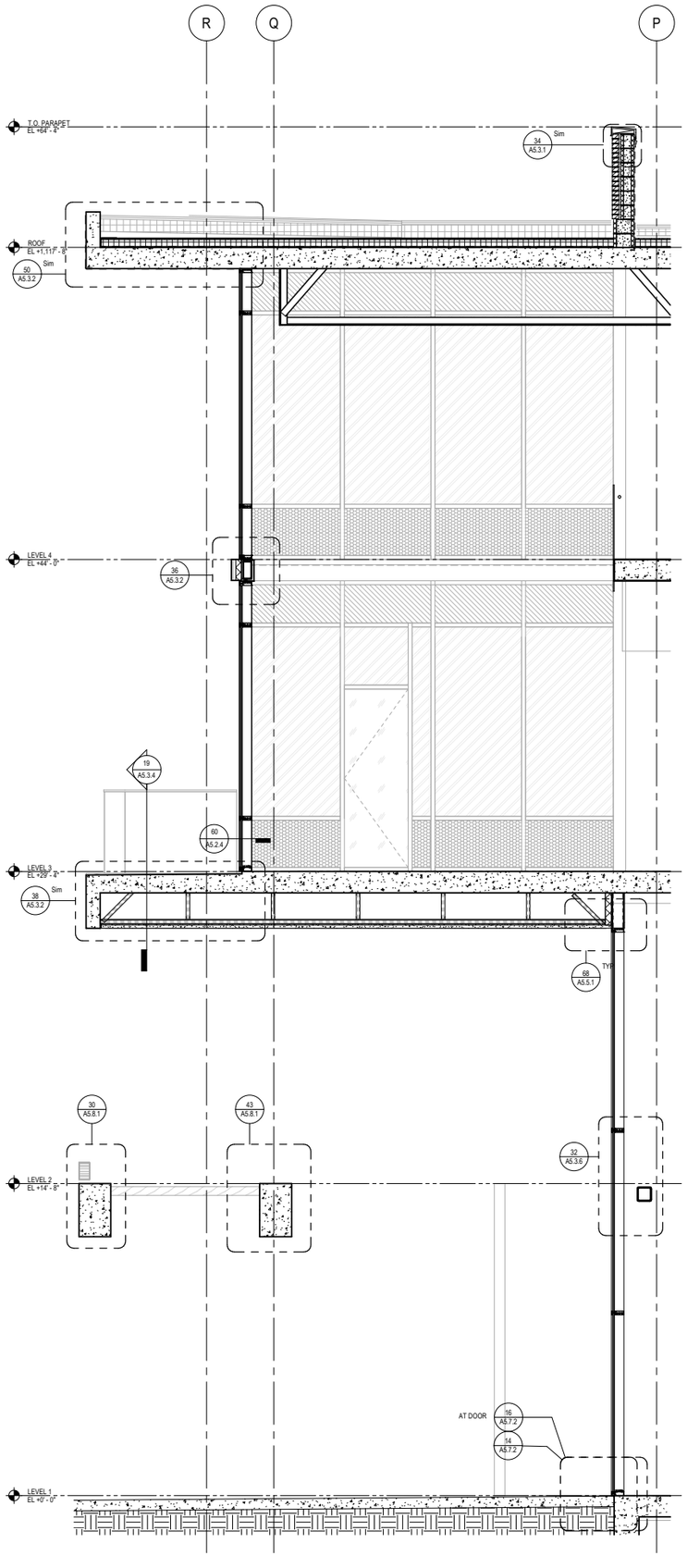
72 EAST EXTERIOR WALL SECTION 10
SCALE: 3/8" = 1'-0"



56 EAST EXTERIOR WALL SECTION 9
SCALE: 3/8" = 1'-0"



40 EAST EXTERIOR WALL SECTION 8
SCALE: 3/8" = 1'-0"



24 EAST EXTERIOR WALL SECTION 7
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:27:26 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2A - IFC		02 DEC 2016
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

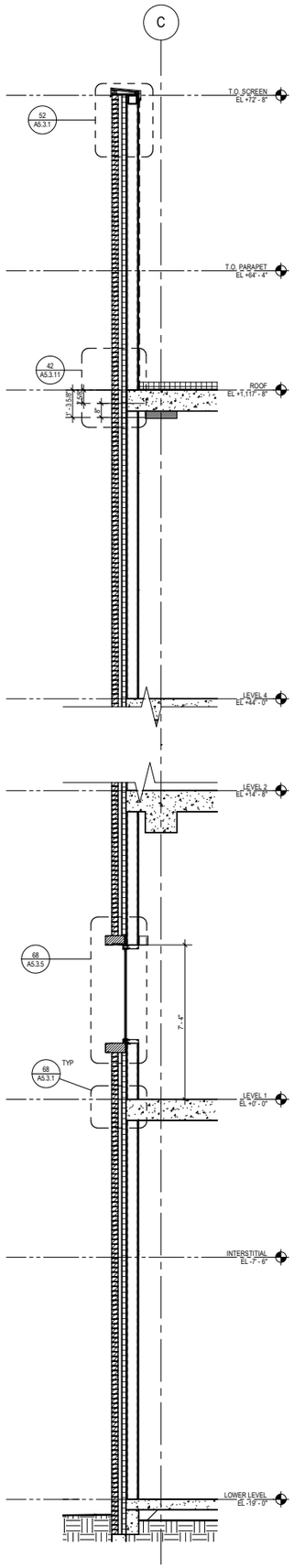
LICENSED ARCHITECT
WILLIAM L. DIFRANCO
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

KEYPLAN NORTH

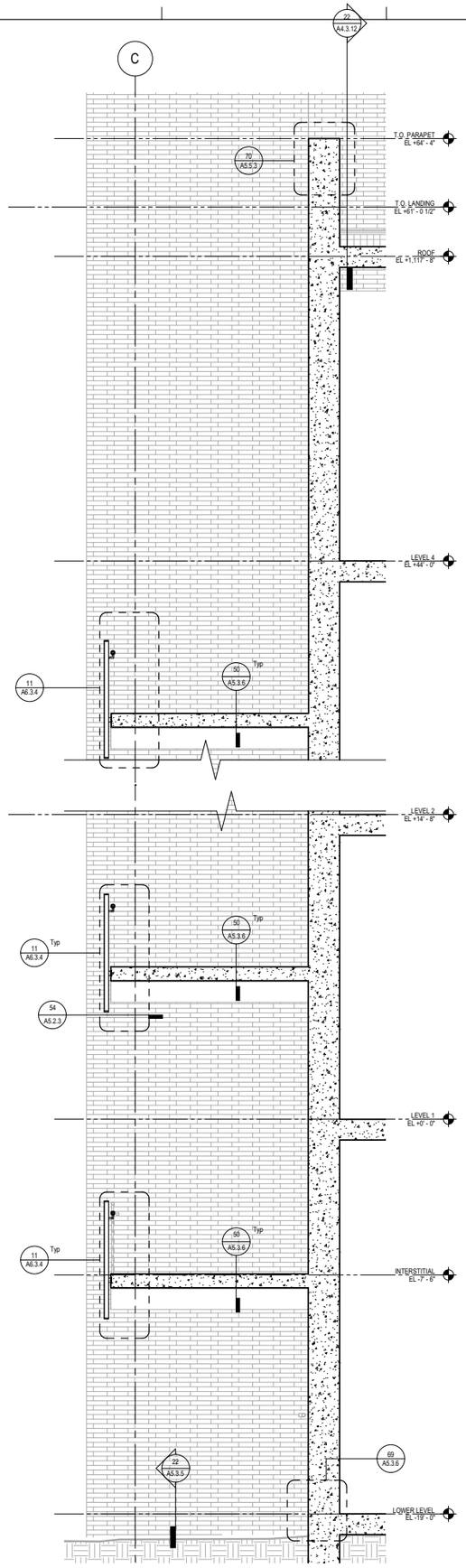
SHEET TITLE
EAST EXTERIOR WALL SECTIONS

PROJECT NUMBER
A4.3.7

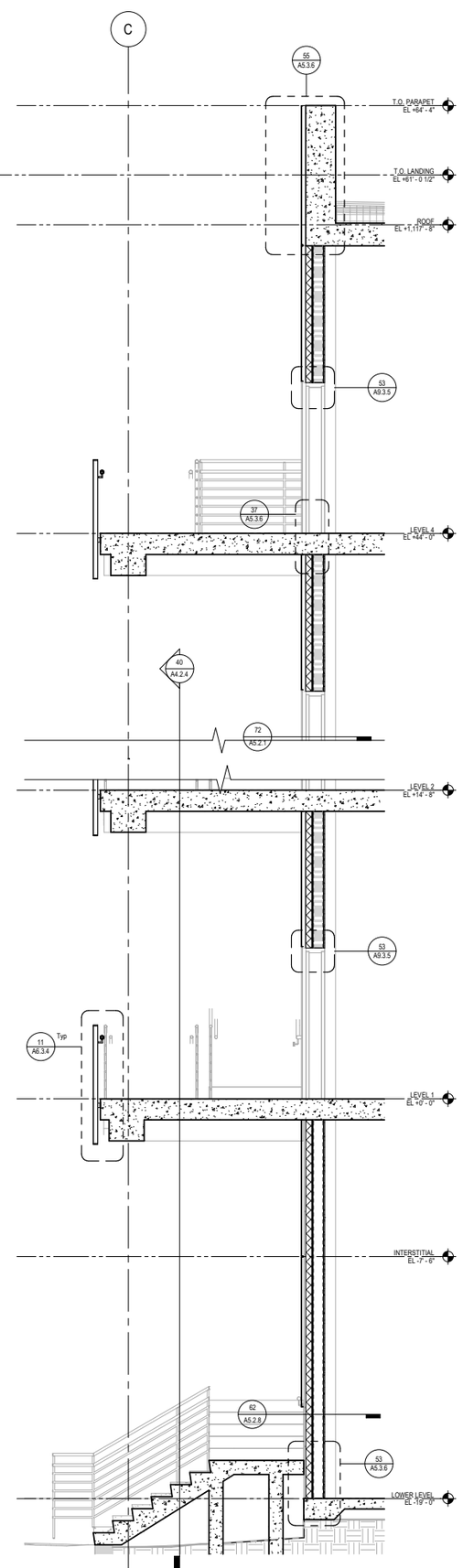
SHEET NUMBER



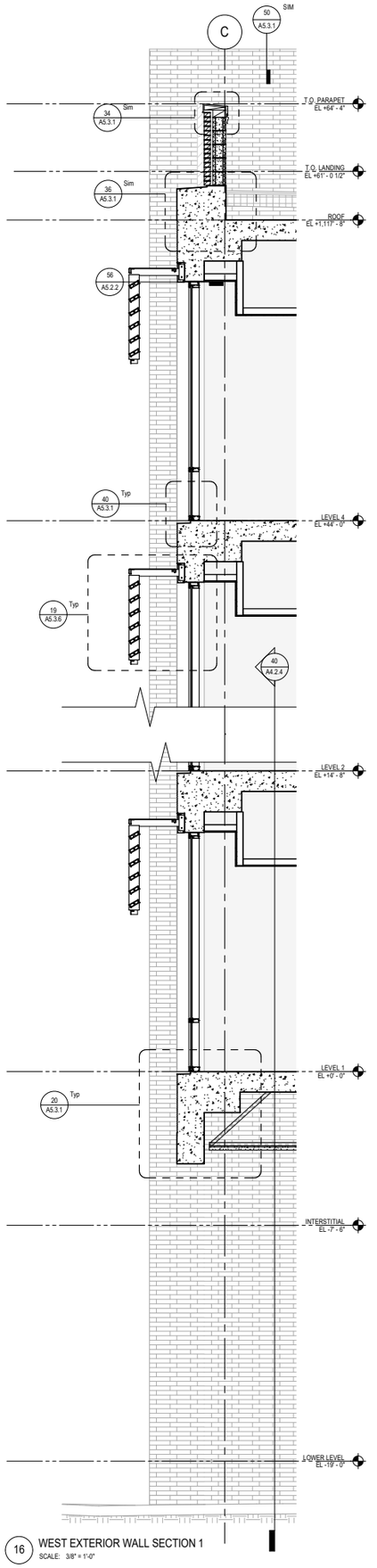
72 WEST EXTERIOR WALL SECTION 4
SCALE: 3/8" = 1'-0"



56 WEST EXTERIOR WALL SECTION 3
SCALE: 3/8" = 1'-0"



32 WEST EXTERIOR WALL SECTION 2
SCALE: 3/8" = 1'-0"



16 WEST EXTERIOR WALL SECTION 1
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:27:37 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEDERICH
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

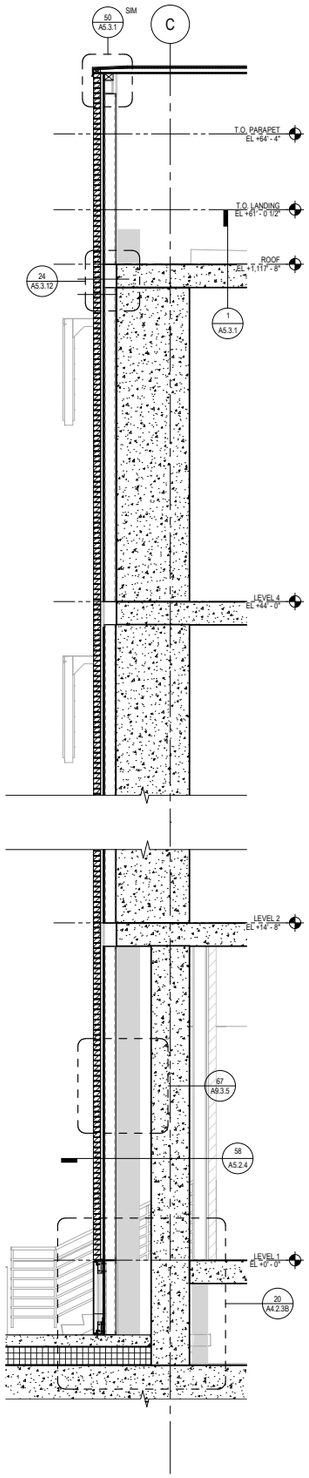
KEYPLAN

NORTH

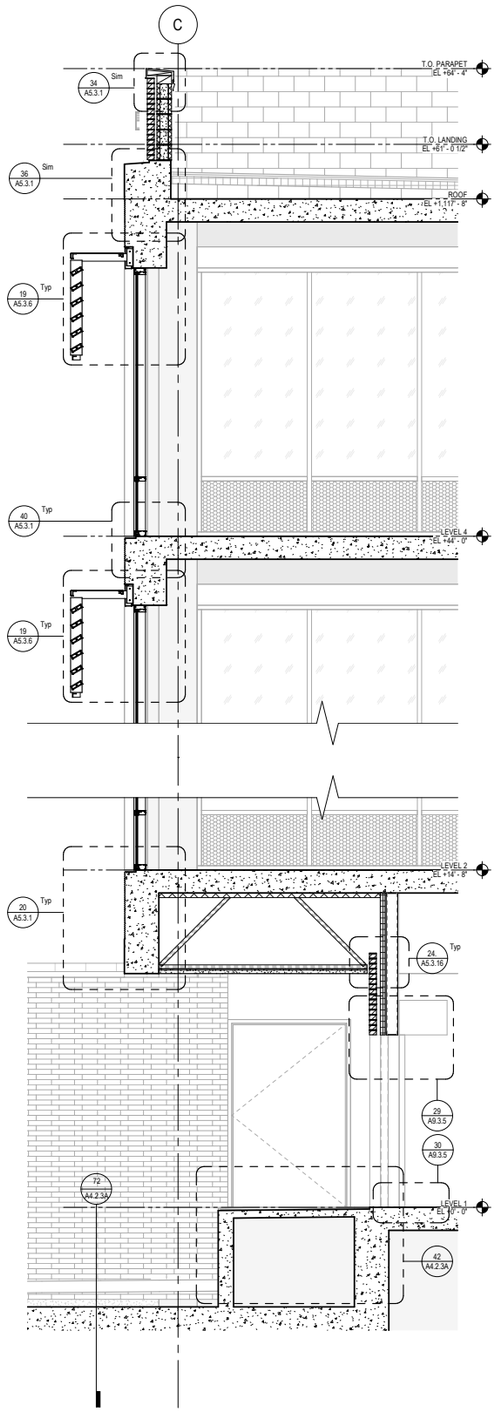
SHEET TITLE
WEST EXTERIOR WALL SECTIONS

PROJECT NUMBER
A4.3.8

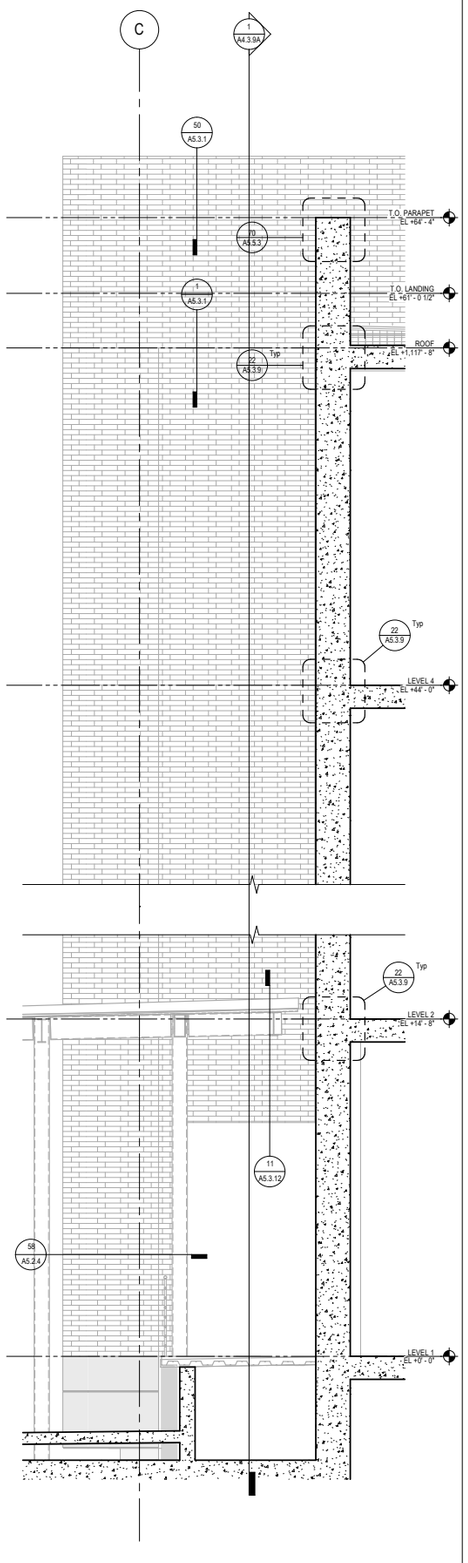
SHEET NUMBER



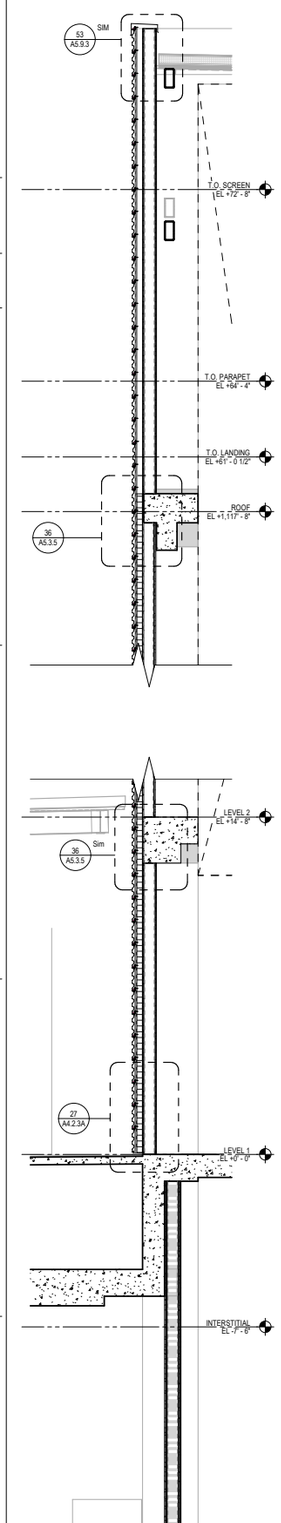
5 WEST EXTERIOR WALL SECTION 8a
SCALE: 3/8" = 1'-0"



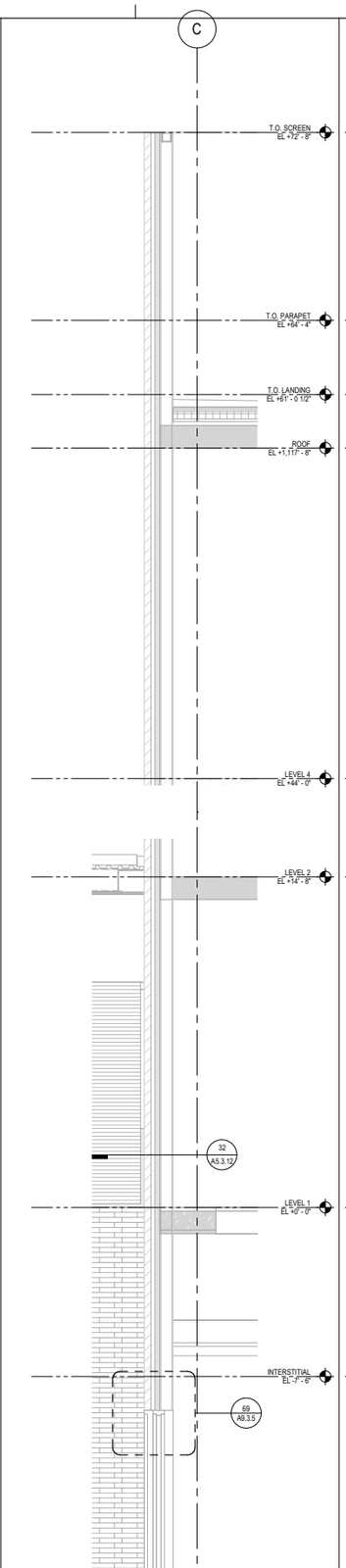
4 WEST EXTERIOR WALL SECTION 8
SCALE: 3/8" = 1'-0"



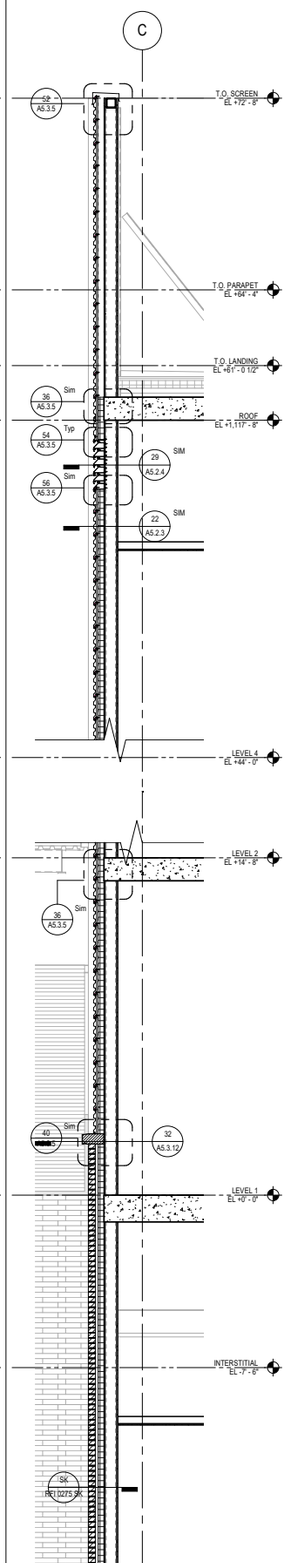
3 WEST EXTERIOR WALL SECTION 7
SCALE: 3/8" = 1'-0"



2 WEST EXTERIOR WALL SECTION 6
SCALE: 3/8" = 1'-0"



1A WEST EXTERIOR WALL SECTION 5A
SCALE: 3/8" = 1'-0"



1 WEST EXTERIOR WALL SECTION 5
SCALE: 3/8" = 1'-0"

Plot Date: 11/19/2018 5:27:51 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	19 JAN 2018
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

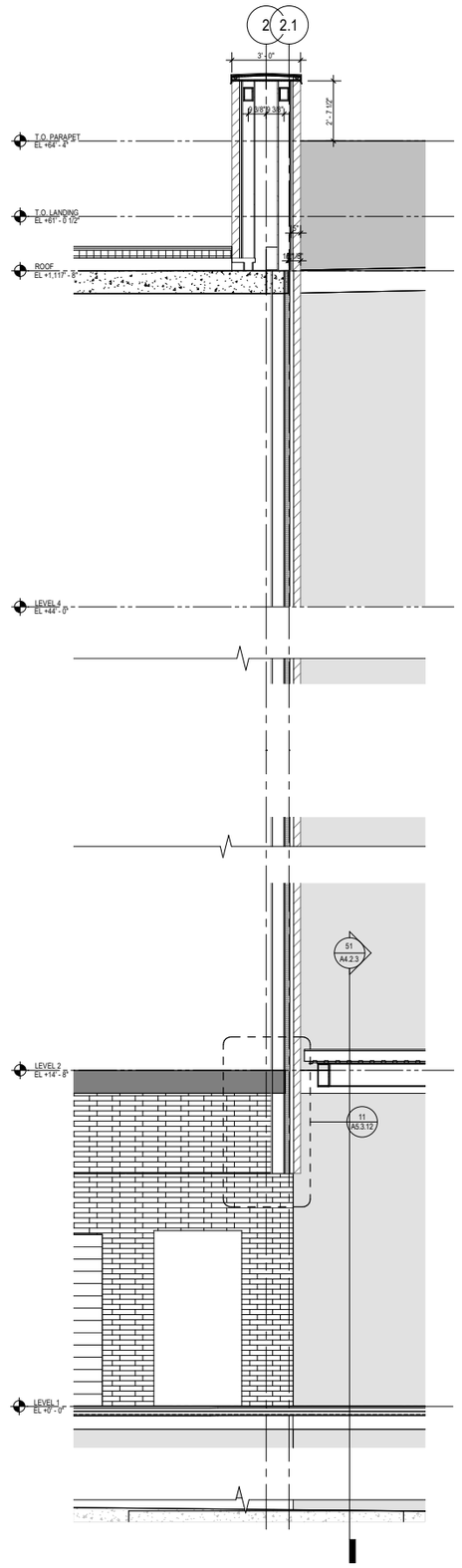
SEALS AND SIGNATURES

LICENSED ARCHITECT JOSEPH J. DIFRANCO C-8790 8-31-19 RENEWAL DATE STATE OF CALIFORNIA

KEYPLAN NORTH

SHEET TITLE
WEST EXTERIOR WALL SECTIONS

PROJECT NUMBER
A4.3.9
SHEET NUMBER



1 WEST EXTERIOR WALL SECTION 10
SCALE: 3/8" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

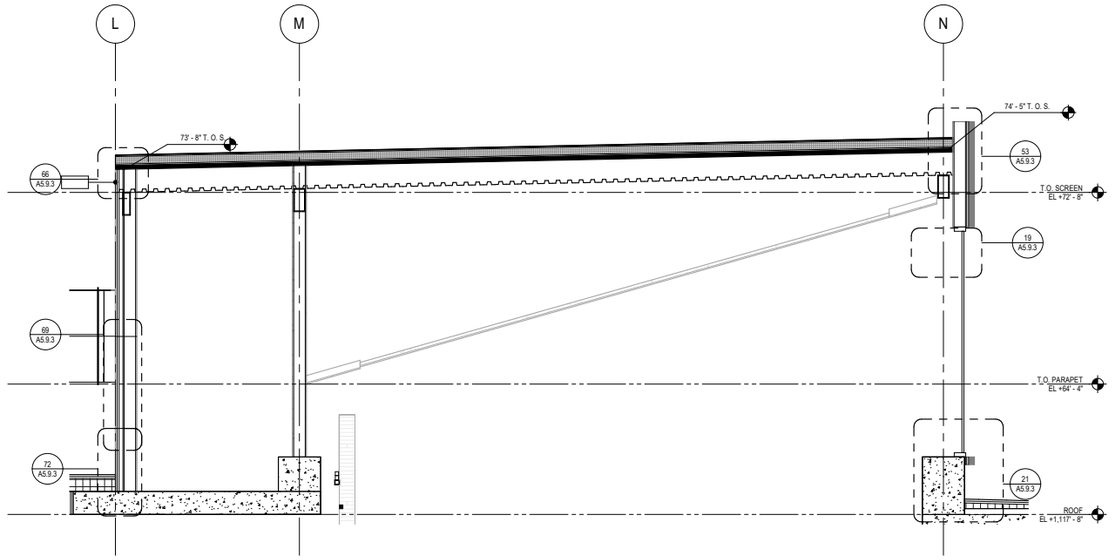
SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

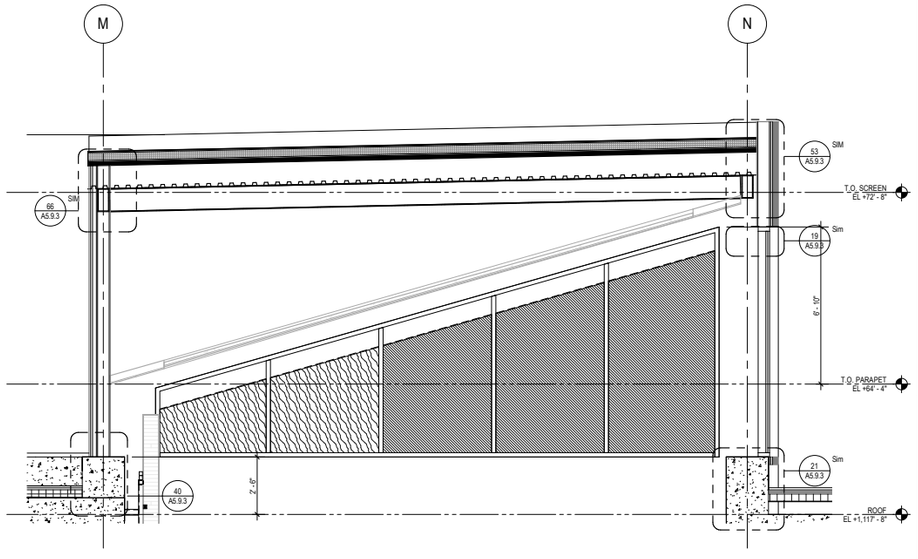
DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

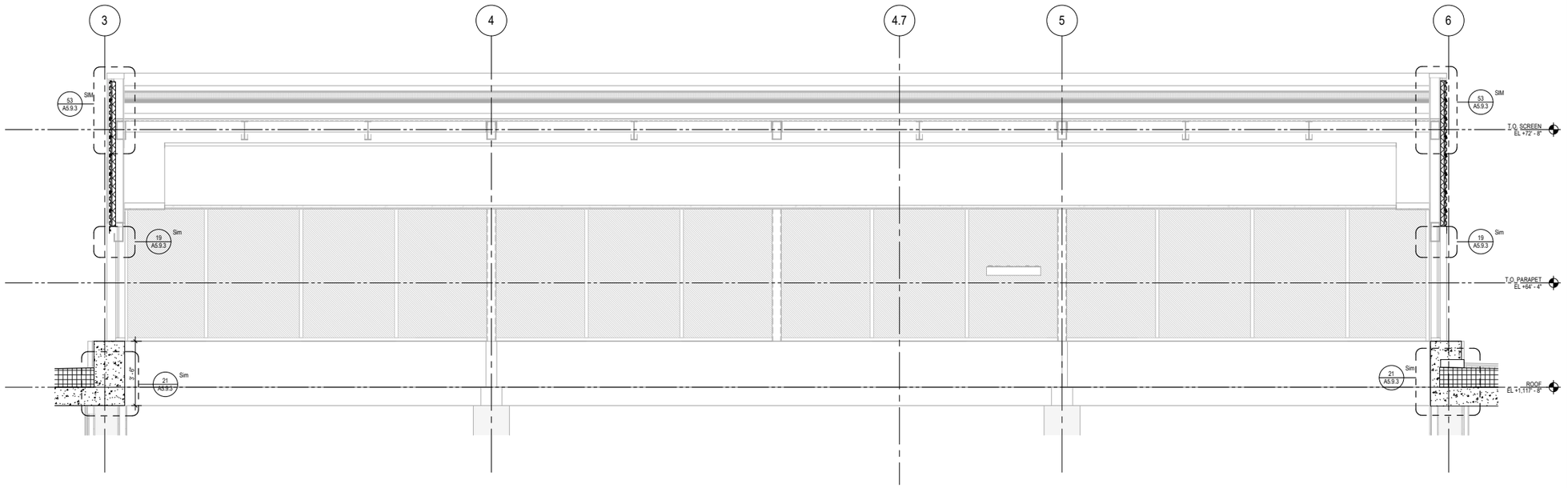
ISSUED FOR	REV	DATE



67 CLERESTORY ROOF E-W SECTION
SCALE: 3/8" = 1'-0"



27 CLERESTORY ROOF E-W SECTION 2
SCALE: 3/8" = 1'-0"



62 CLERESTORY ROOF N-S SECTION
SCALE: 3/8" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

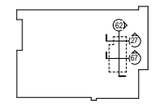
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

SEALS AND SIGNATURES

LICENSED ARCHITECT — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA
C-8790
8-31-19
RENEWAL DATE

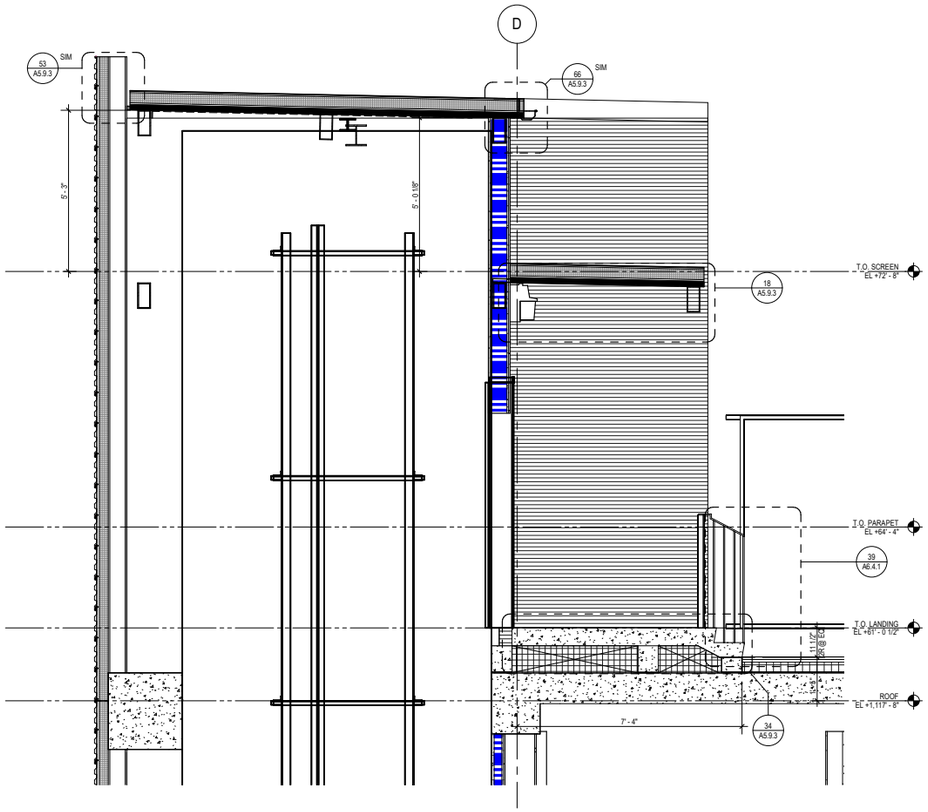
KEYPLAN NORTH



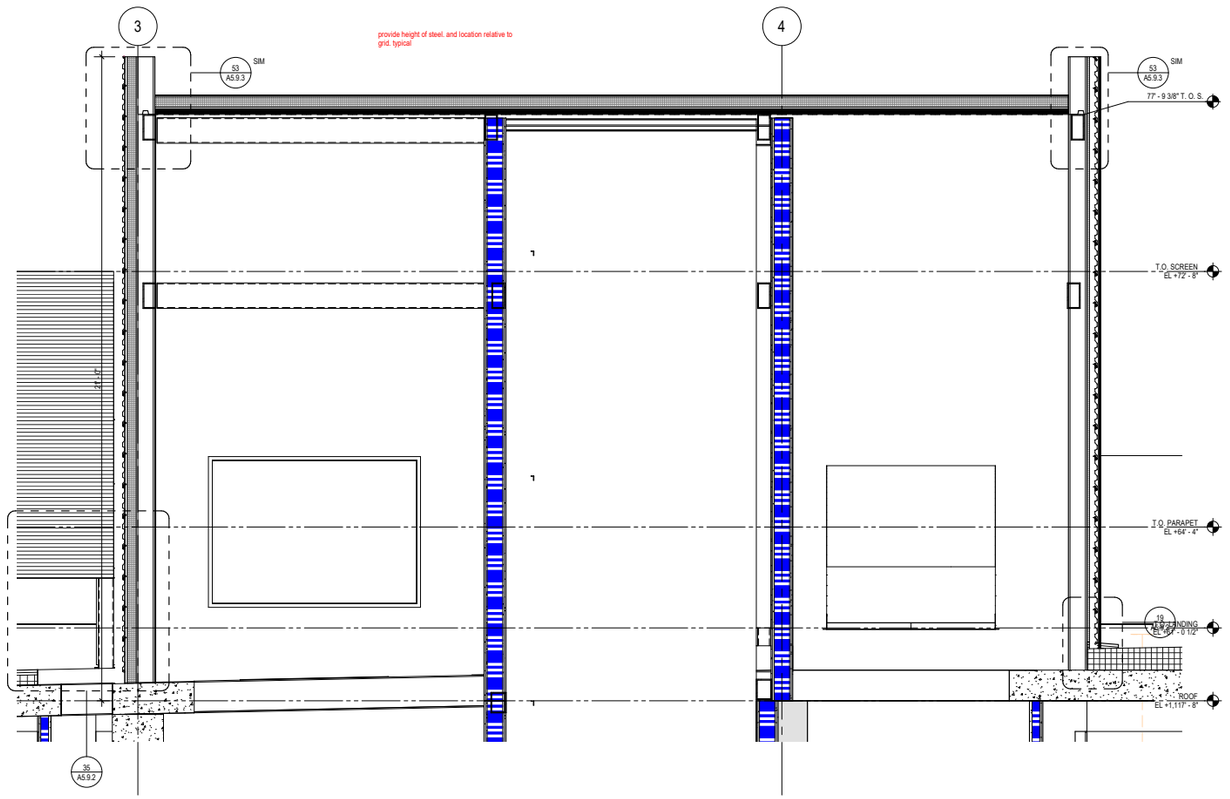
SHEET TITLE
CLERESTORY SECTIONS

PROJECT NUMBER
A4.3.10
SHEET NUMBER

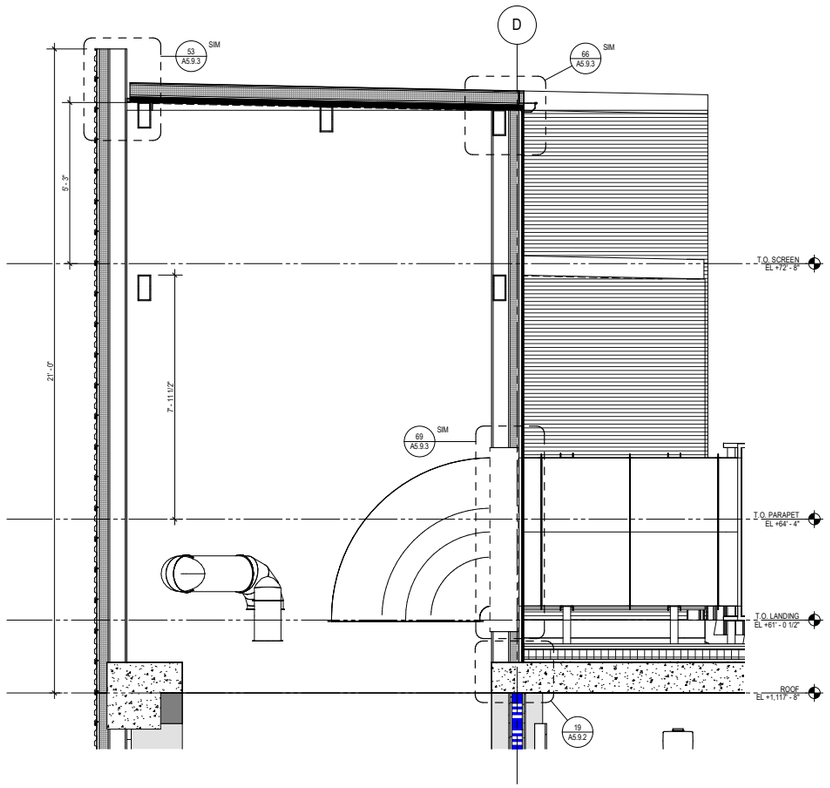
Plot Date: 11/19/2018 5:28:07 PM Author



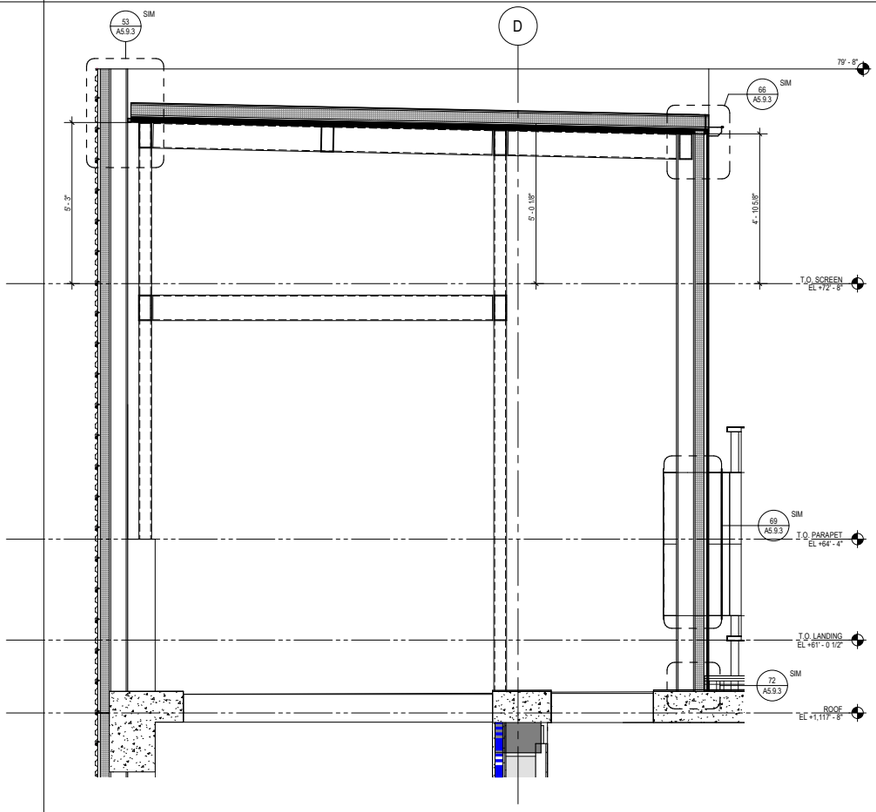
68 ELEVATOR PENTHOUSE E-W SECTION
SCALE: 1/2" = 1'-0"



36 ELEVATOR PENTHOUSE
SCALE: 1/2" = 1'-0"



72 ELEVATOR PENTHOUSE E-W SECTION 2
SCALE: 1/2" = 1'-0"



32 ELEVATOR PENTHOUSE E-W SECTION 3
SCALE: 1/2" = 1'-0"

SHEET KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

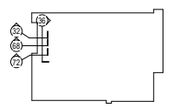
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

SEALS AND SIGNATURES



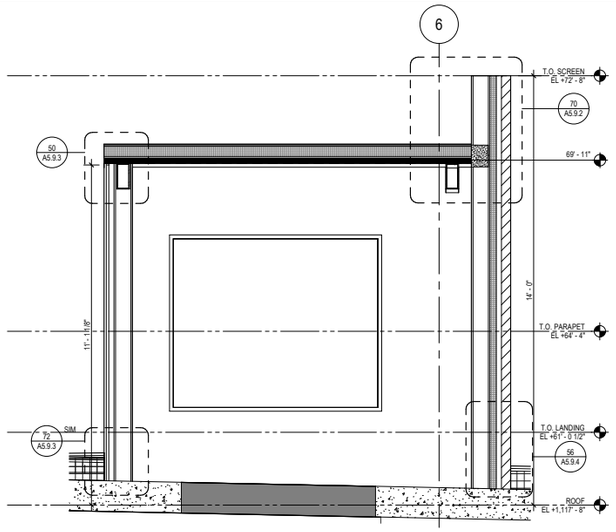
KEYPLAN NORTH



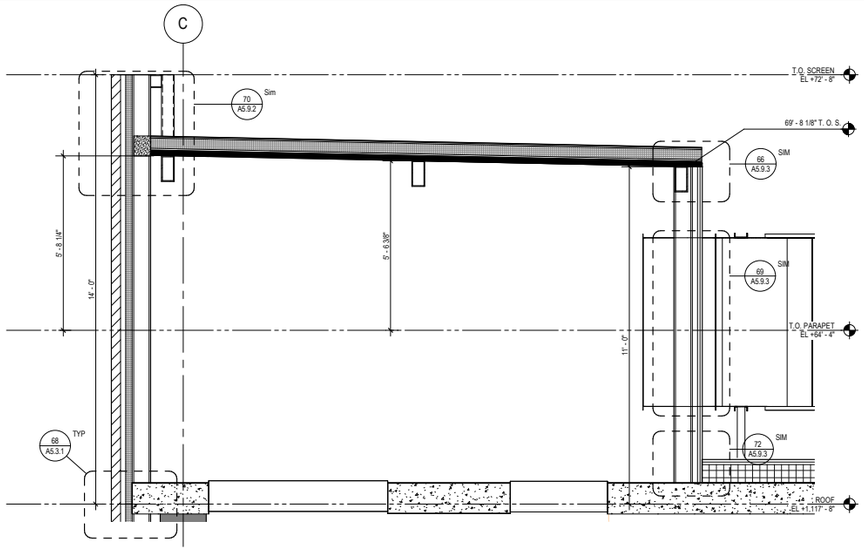
SHEET TITLE
ROOF DOGHOUSE SECTIONS

PROJECT NUMBER
A4.3.11
SHEET NUMBER

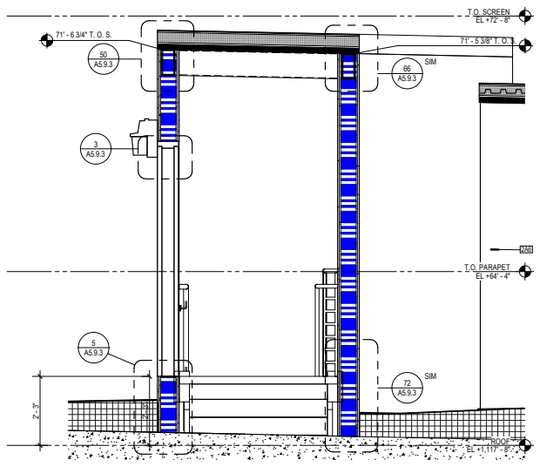
Author
11/19/2018 5:28:22 PM
Plot Date:



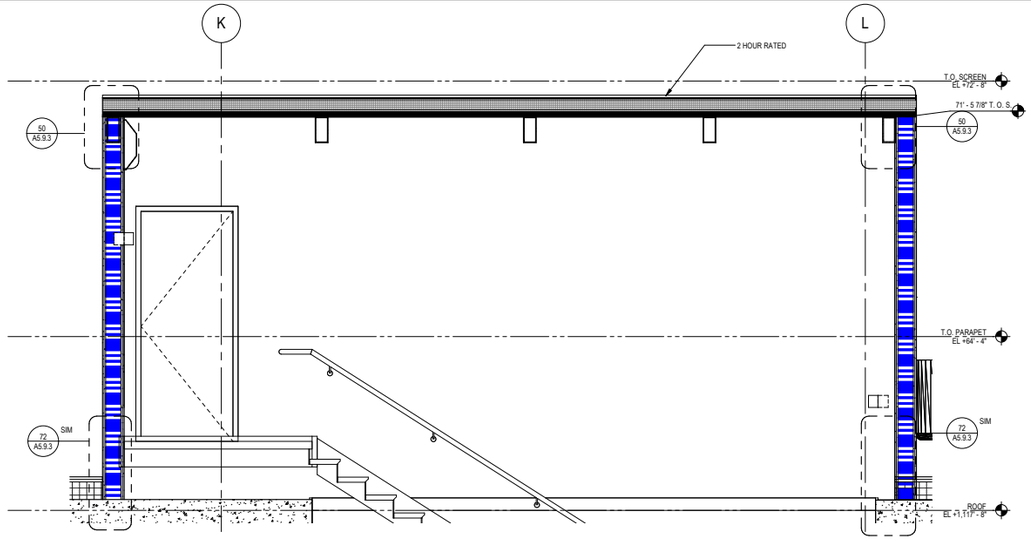
22 DOGHOUSE 3 N-S SECTION
SCALE: 1/2" = 1'-0"



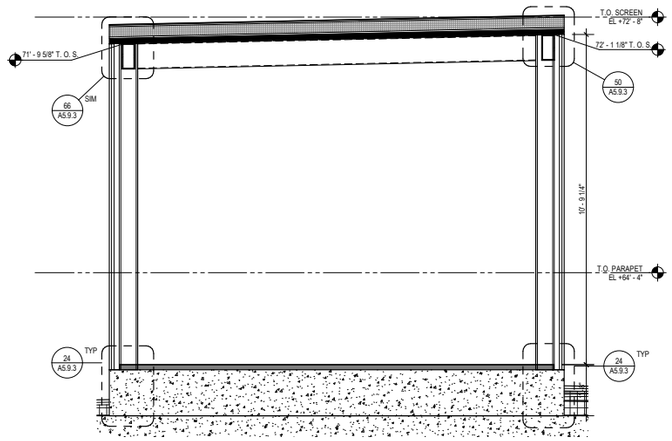
27 DOGHOUSE 3 E-W SECTION
SCALE: 1/2" = 1'-0"



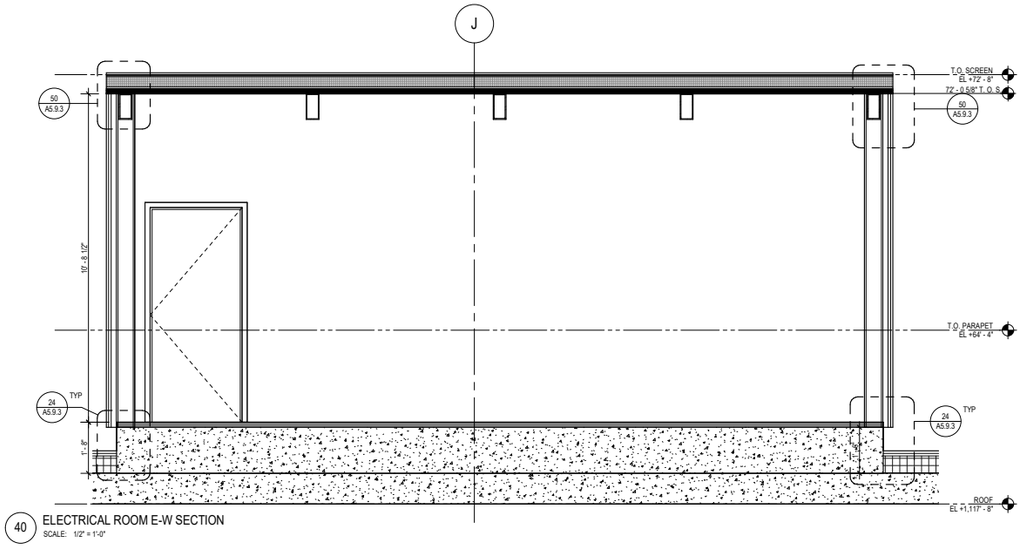
46 STAIR 1 N-S SECTION
SCALE: 1/2" = 1'-0"



67 STAIR 1 ROOF E-W SECTION
SCALE: 1/2" = 1'-0"



72 ELECTRICAL ROOM N-S SECTION
SCALE: 1/2" = 1'-0"



40 ELECTRICAL ROOM E-W SECTION
SCALE: 1/2" = 1'-0"

Plot Date: 11/19/2018 5:28:36 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

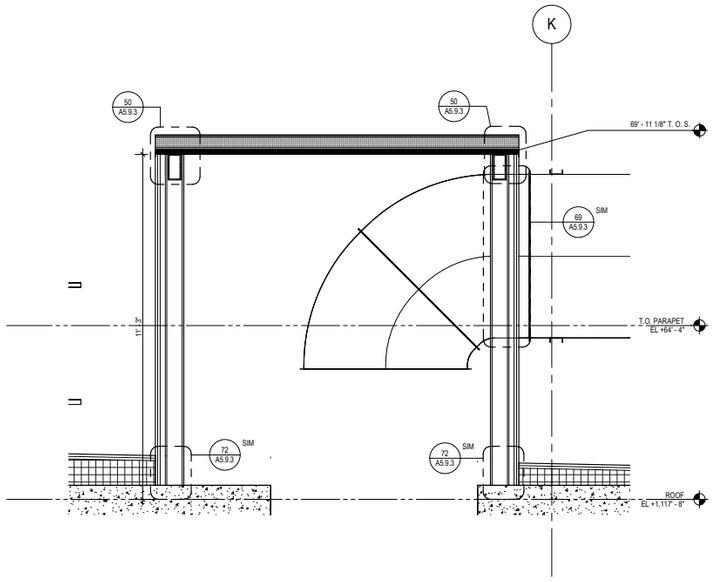
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM T. PIVERNICH
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

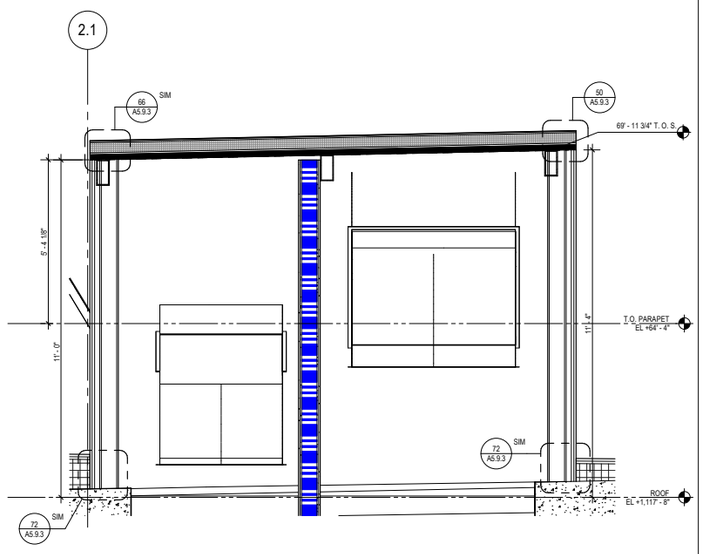
KEYPLAN NORTH

SHEET TITLE
ROOF DOGHOUSE SECTIONS

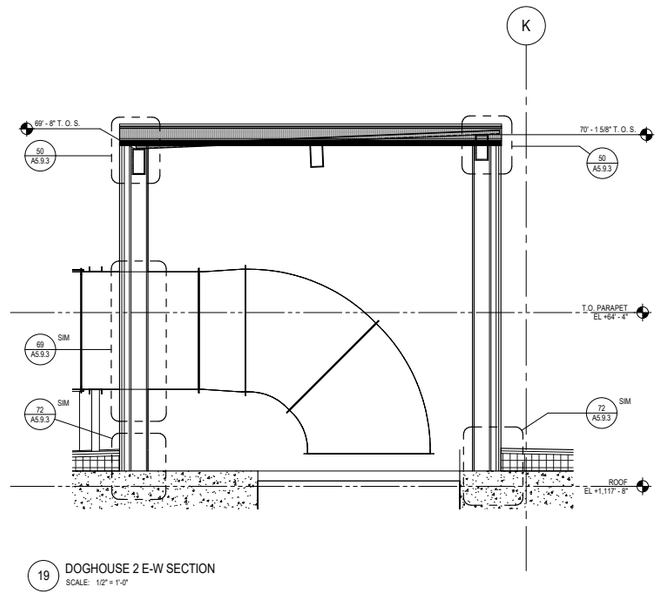
PROJECT NUMBER
A4.3.12
SHEET NUMBER



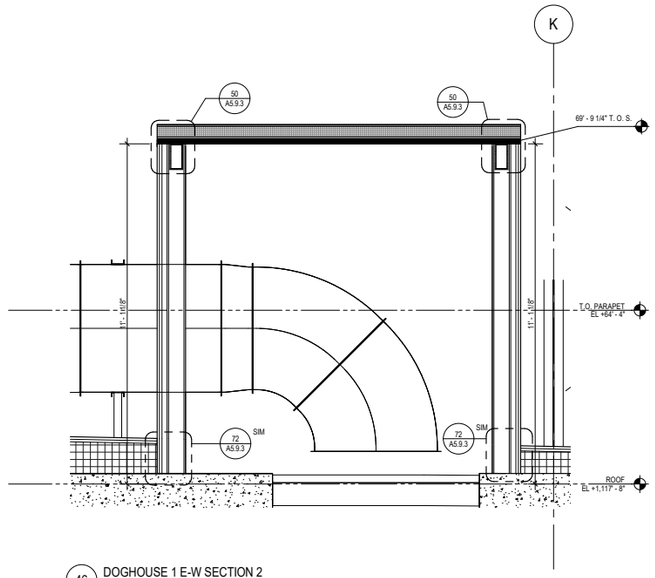
63 DOGHOUSE 1 E-W SECTION
SCALE: 1/2" = 1'-0"



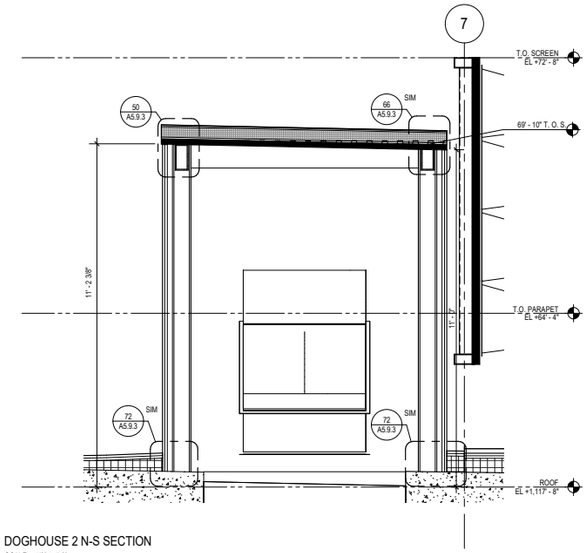
43 DOGHOUSE 1 N-S SECTION
SCALE: 1/2" = 1'-0"



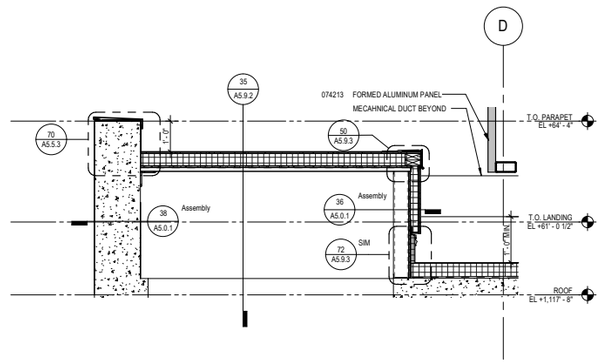
19 DOGHOUSE 2 E-W SECTION
SCALE: 1/2" = 1'-0"



46 DOGHOUSE 1 E-W SECTION 2
SCALE: 1/2" = 1'-0"



22 DOGHOUSE 2 N-S SECTION
SCALE: 1/2" = 1'-0"



24 DOGHOUSE 4 E-W SECTION
SCALE: 1/2" = 1'-0"

Author
Plot Date: 11/19/2018 5:28:51 PM

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

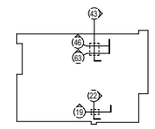
DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

SEALS AND SIGNATURES

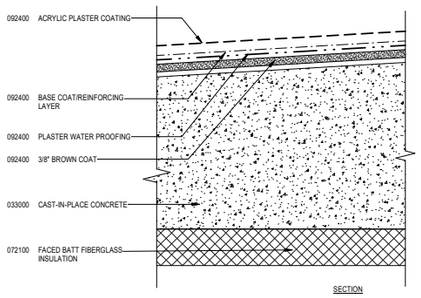
LICENSED ARCHITECT
MICHAEL L. DIFFENDAL
C-8790
9.31.19
RENEWAL
STATE OF CALIFORNIA

KEYPLAN
NORTH

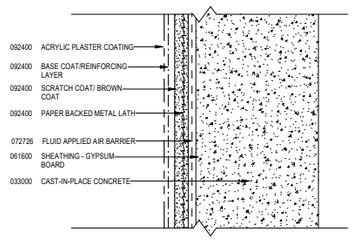


SHEET TITLE
ROOF DOGHOUSE SECTIONS

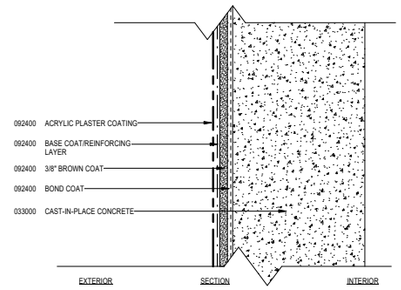
PROJECT NUMBER
A4.3.13
SHEET NUMBER

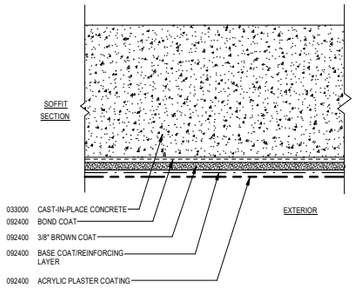


66 PLASTER ASSEMBLY D - TOP OF CONCRETE SHELF
SCALE: 3" = 1'-0"

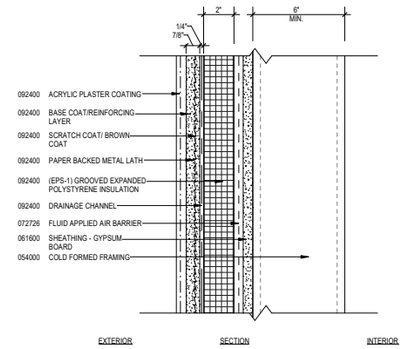


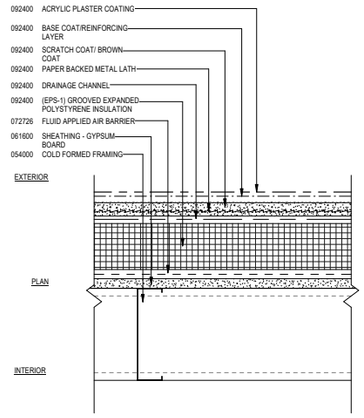
68 PLASTER ASSEMBLY E - PLASTER
SCALE: 3" = 1'-0"



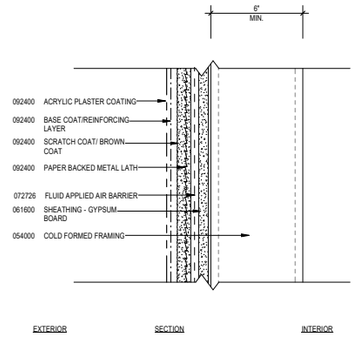


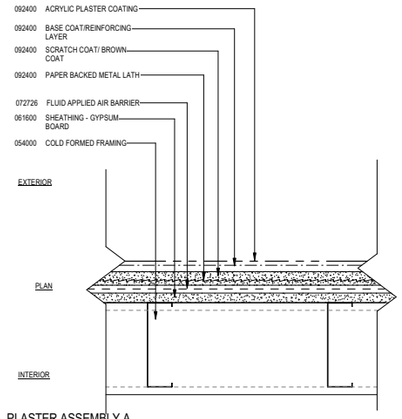
52 PLASTER ASSEMBLY C
SCALE: 3" = 1'-0"



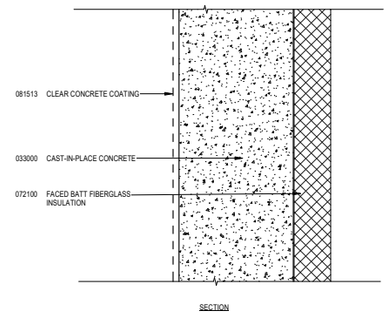


36 PLASTER ASSEMBLY B -INSULATED PLASTER WALL
SCALE: 3" = 1'-0"

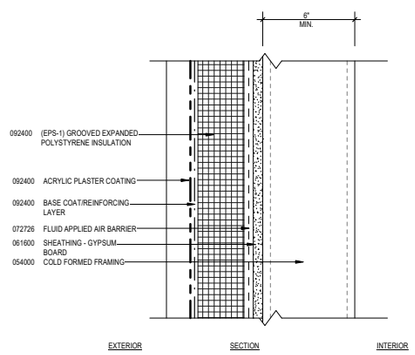


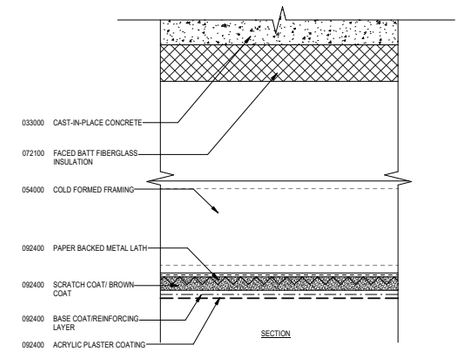


20 PLASTER ASSEMBLY A
SCALE: 3" = 1'-0"

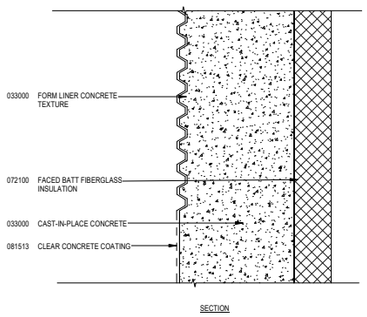


38 EXPOSED CONCRETE
SCALE: 3" = 1'-0"

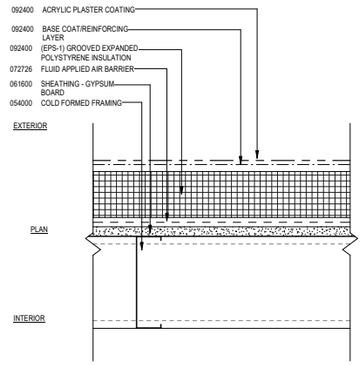




22 PLASTER ASSEMBLY F - PLASTER SOFFIT
SCALE: 3" = 1'-0"



56 EXPOSED CONCRETE WITH FORMLINER
SCALE: 3" = 1'-0"



40 PLASTER ASSEMBLY G -INSULATED PLASTER WALL AT ROOF
SCALE: 3" = 1'-0"

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	19 JAN 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

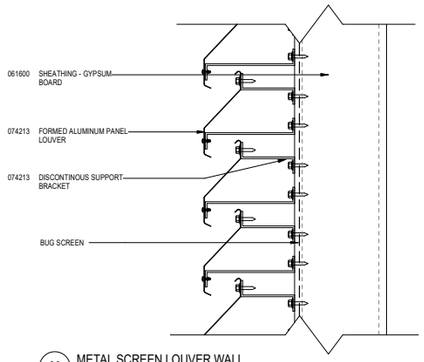
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM I. DIEFENDORF C-8790 6-30-19 RENEWAL STATE OF CALIFORNIA

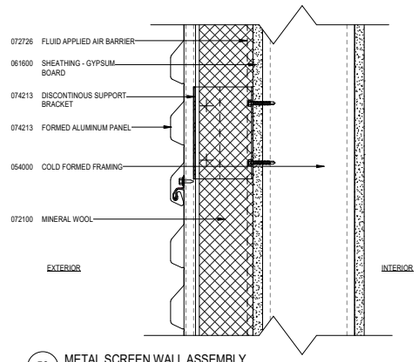
SHEET TITLE
EXTERIOR WALL ASSEMBLIES

PROJECT NUMBER
A5.0.1
SHEET NUMBER

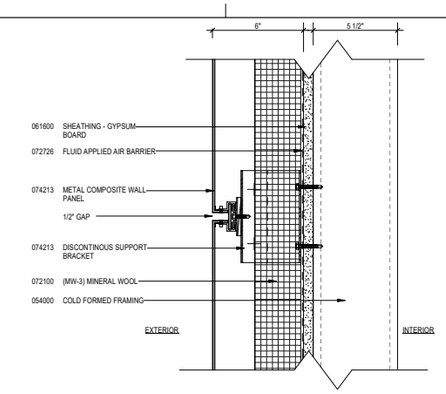
Plot Date: 11/19/2018 5:29:00 PM Author



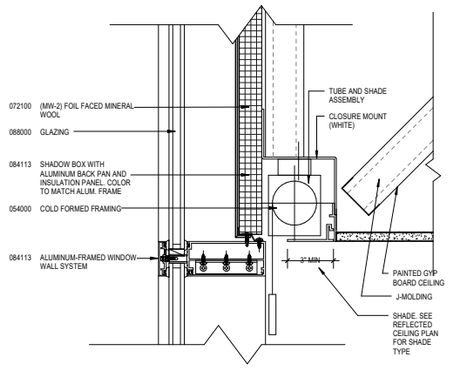
66 METAL SCREEN LOUVER WALL
SCALE: 3" = 1'-0"



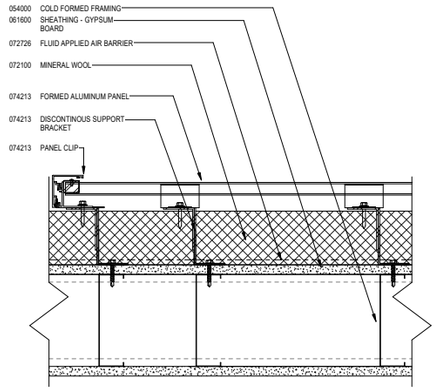
50 METAL SCREEN WALL ASSEMBLY
SCALE: 3" = 1'-0"



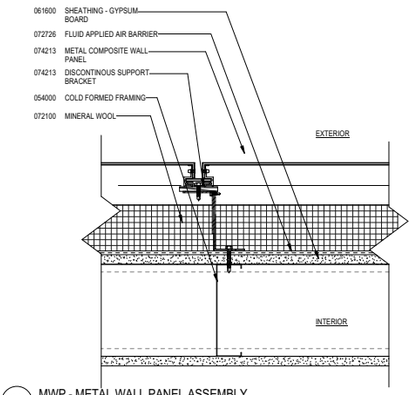
34 MVP - METAL PANEL ASSEMBLY SECTION
SCALE: 3" = 1'-0"



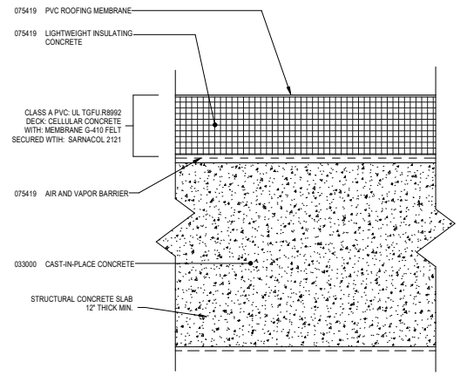
18 SHADOW BOX ASSEMBLY
SCALE: 3" = 1'-0"



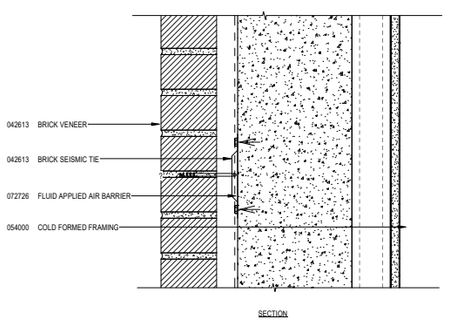
52 METAL SCREEN WALL PLAN ASSEMBLY
SCALE: 3" = 1'-0"

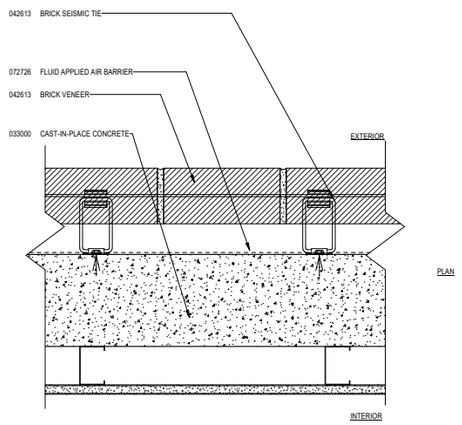


36 MWP - METAL WALL PANEL ASSEMBLY
SCALE: 3" = 1'-0"

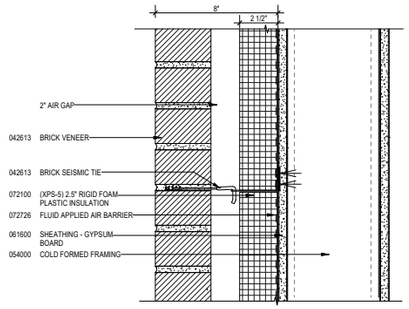


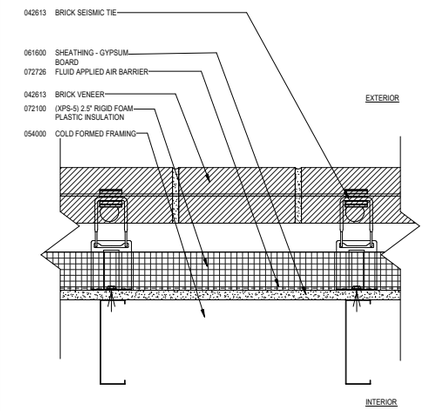
20 ROOF ASSEMBLY
SCALE: 3" = 1'-0"



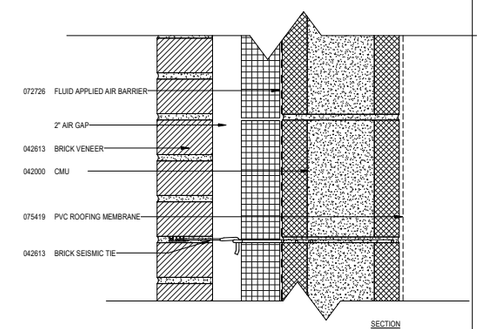


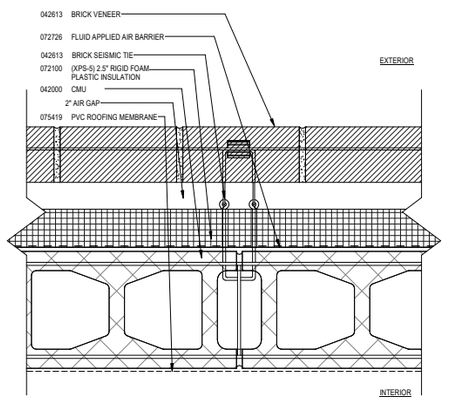
72 BRICK WALL AT STRUCTURAL CONCRETE ASSEMBLY
SCALE: 3" = 1'-0"



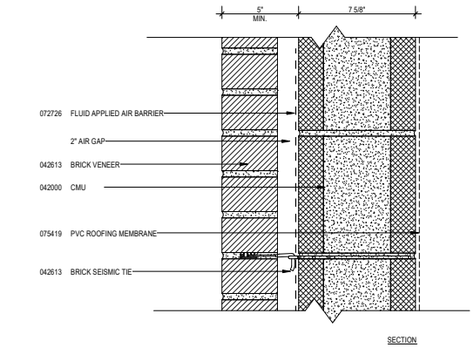


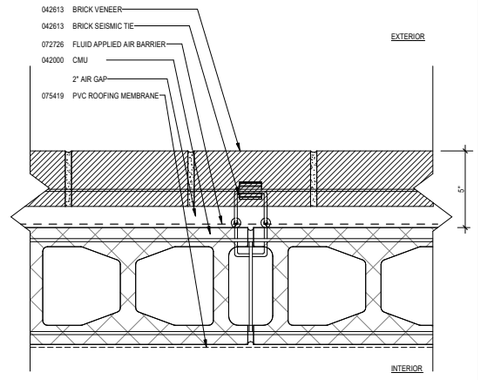
56 BRICK WALL AT COLD FORM FRAMING ASSEMBLY
SCALE: 3" = 1'-0"





40 BRICK PARAPET ASSEMBLY WITH INSULATION
SCALE: 3" = 1'-0"





24 BRICK PARAPET ASSEMBLY
SCALE: 3" = 1'-0"

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

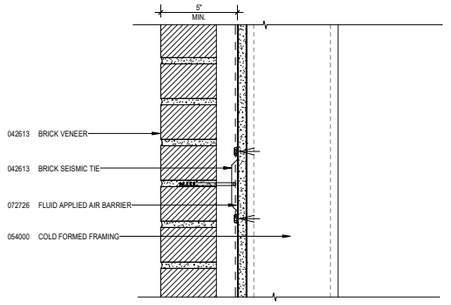
LICENSED ARCHITECT WILLIAM L. DIFERDON C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR WALL ASSEMBLIES

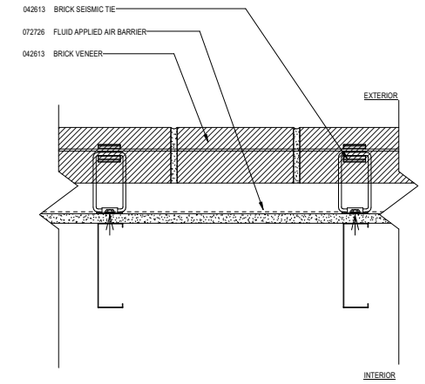
PROJECT NUMBER
A5.0.2

SHEET NUMBER

Author
11/19/2018 5:29:09 PM
Plot Date:



SECTION



PLAN

12 BRICK WALL AT STUD WITH NO INSULATION ASSEMBLY
SCALE: 3" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

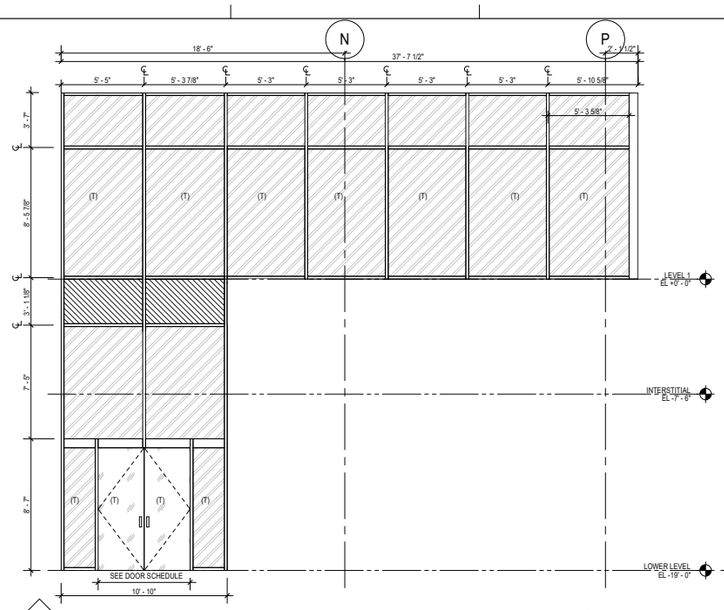
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFERDON
C-8790
5-31-19
RENEWAL
STATE OF CALIFORNIA

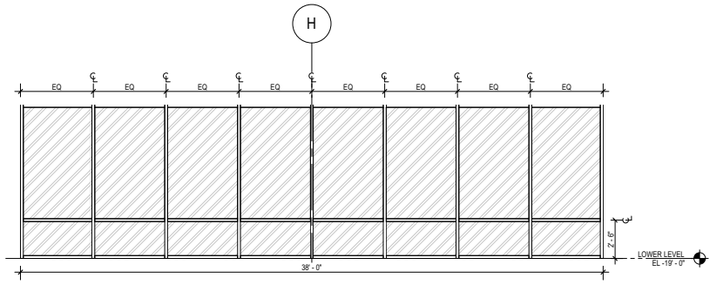
SHEET TITLE
EXTERIOR WALL ASSEMBLIES

PROJECT NUMBER
A5.0.3
SHEET NUMBER

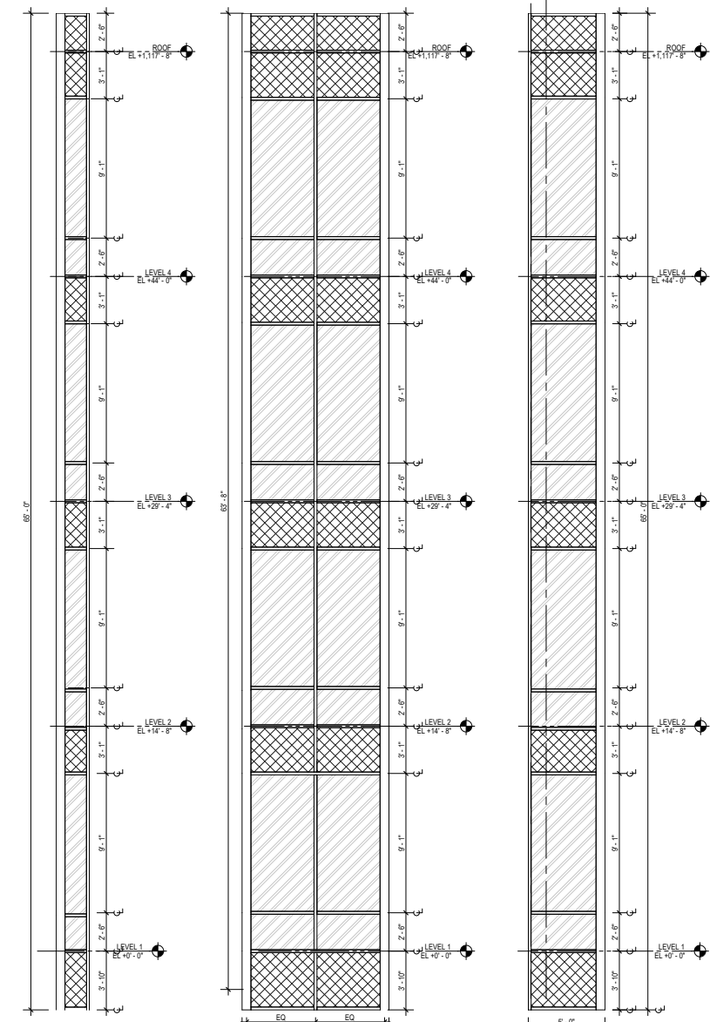
Plot Date: 11/19/2018 5:29:15 PM Author



1 SCALE: 1/4" = 1'-0"



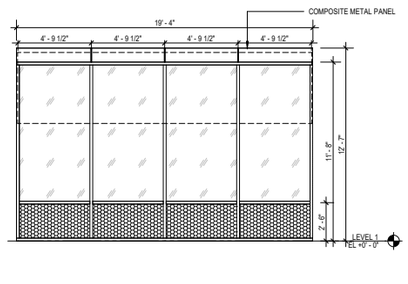
2 SCALE: 1/4" = 1'-0"



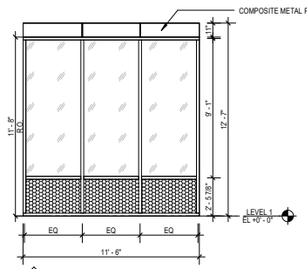
4 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"

5 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"

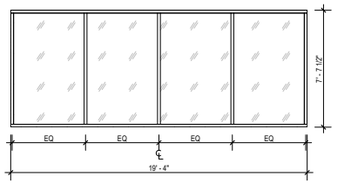
6 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



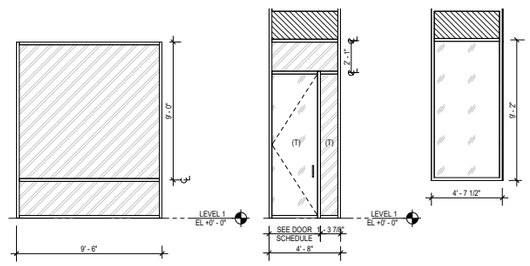
7 TYP. SCALE: 1/4" = 1'-0"



8 TYP. SCALE: 1/4" = 1'-0"



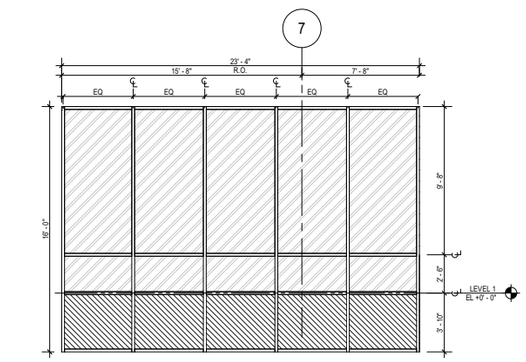
10 SCALE: 1/4" = 1'-0"



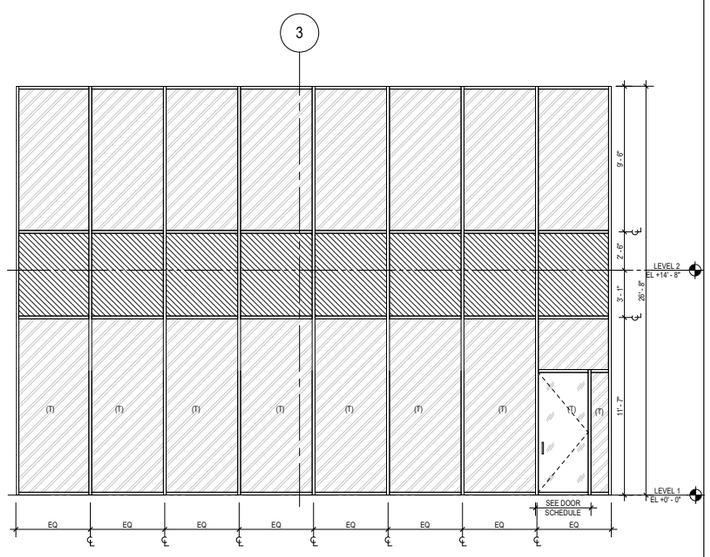
11 SCALE: 1/4" = 1'-0"

12 SCALE: 1/4" = 1'-0"

13 TYP. SCALE: 1/4" = 1'-0"



3 SCALE: 1/4" = 1'-0"



14 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. (T) INDICATES TEMPERED GLAZING TO MEET 2406.4.1-7 SAFETY GLAZING REQUIREMENTS.

B (L) INDICATES LAMINATED GLAZING. LAMINATION BETWEEN PLANE 3 & 4

GRAPHIC LEGEND

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7" IPE
APC-1 – PRE-CAST CONCRETE WALL CAP
APC-2 – PRE-CAST CONCRETE WALL LEDGER
APC-3 – PRE-CAST CONCRETE WALL LEDGER

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DESIGN DEVELOPMENT 100%		19 AUG 2016

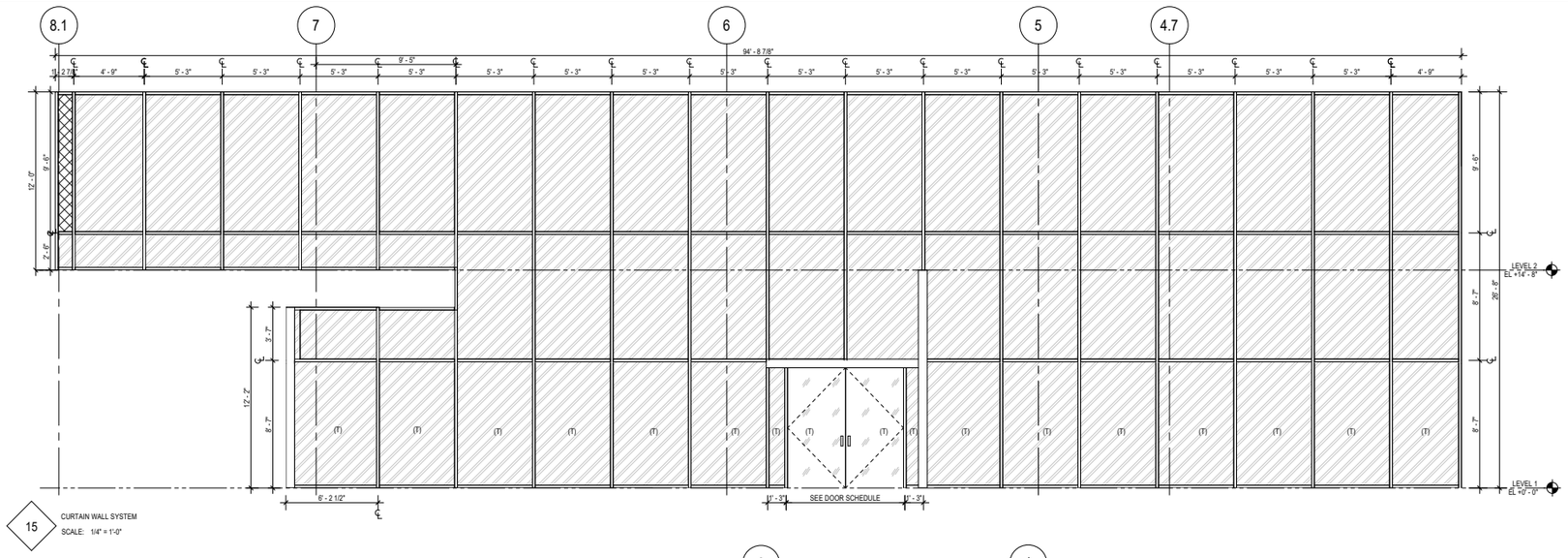
SEALS AND SIGNATURES

LICENSED ARCHITECT
BENJAMIN L. DIVERSOS
C-8790
6-31-19
RENEWAL Date
STATE OF CALIFORNIA

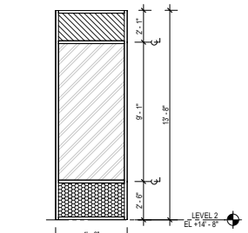
SHEET TITLE
EXTERIOR GLAZING TYPES

PROJECT NUMBER
A5.1.1
SHEET NUMBER

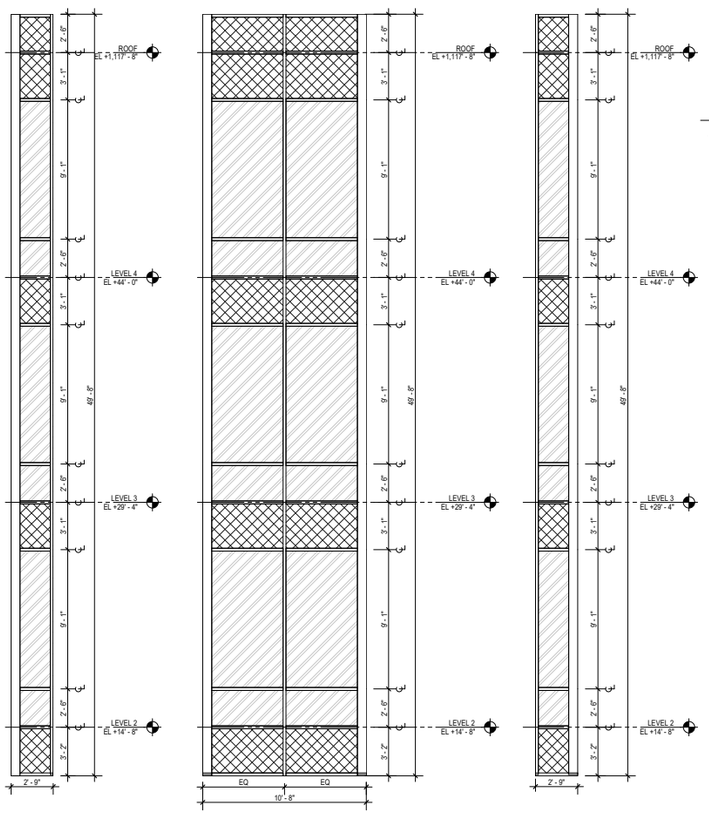
START Sheet
Plot Date: 11/19/2018 5:29:31 PM



15 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



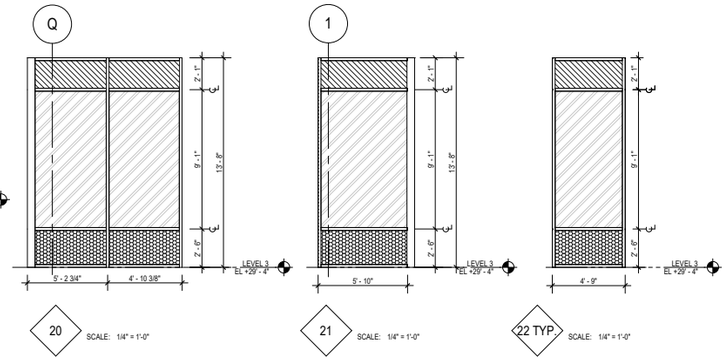
16 TYP. SCALE: 1/4" = 1'-0"



17 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"

18 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"

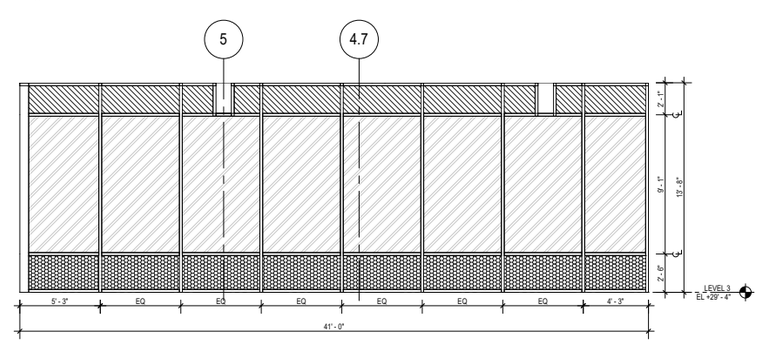
19 CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



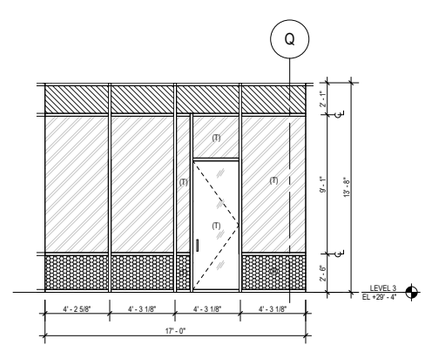
20 SCALE: 1/4" = 1'-0"

21 SCALE: 1/4" = 1'-0"

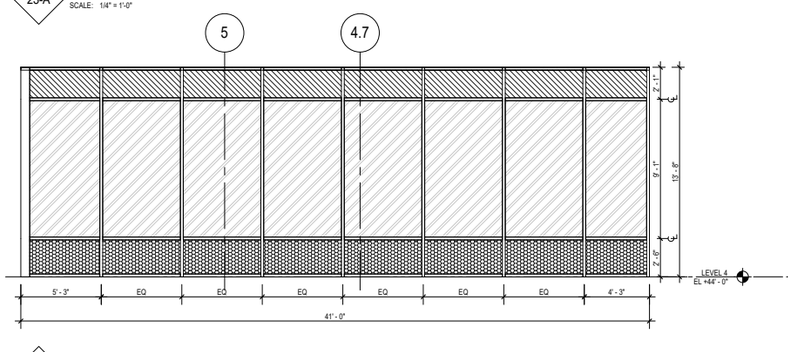
22 TYP. SCALE: 1/4" = 1'-0"



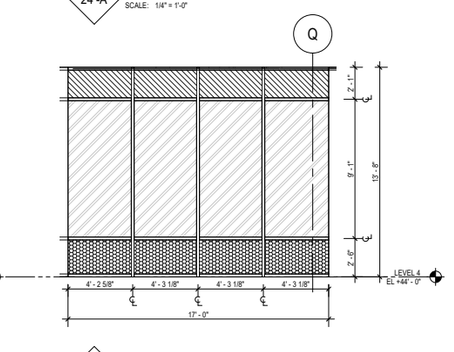
23-A CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



24 -A SCALE: 1/4" = 1'-0"



23-B CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



24 -B SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. (T) INDICATES TEMPERED GLAZING TO MEET 2406.4.1-7 SAFETY GLAZING REQUIREMENTS.

B (L) INDICATES LAMINATED GLAZING. LAMINATION BETWEEN PLANE 3 & 4

GRAPHIC LEGEND

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY
(PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X8"X7" IPE
APC-1 – PRE-CAST COCRETE WALL CAP
APC-2 – PRE-CAST COCRETE WALL LEDGER
APC-3 – PRE-CAST COCRETE WALL LEDGER

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENDORF
C-8790
6-30-19
RENEWAL DATE
STATE OF CALIFORNIA

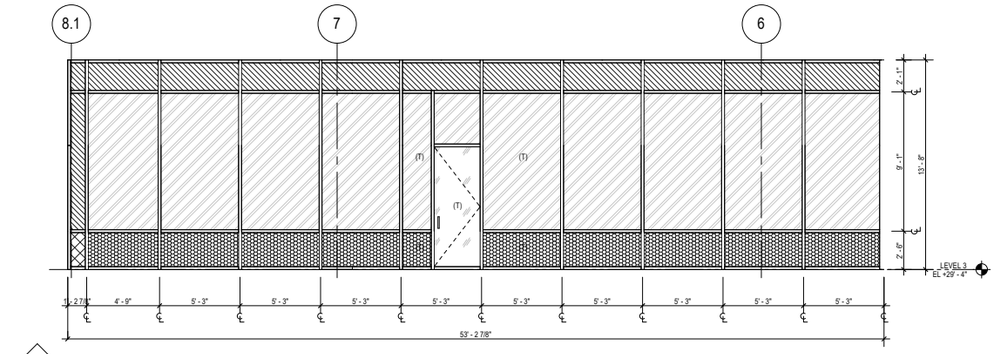
SHEET TITLE
EXTERIOR GLAZING TYPES

PROJECT NUMBER

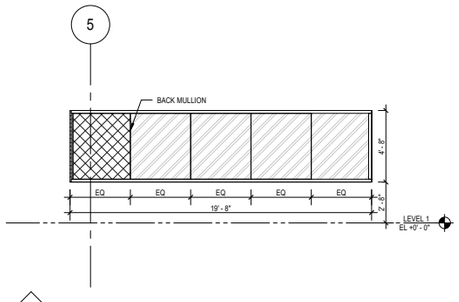
A5.1.2

SHEET NUMBER

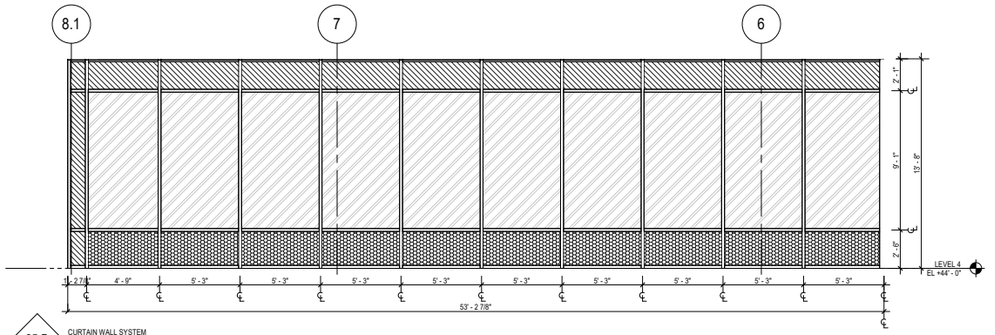
Author
11/19/2018 5:29:47 PM
Plot Date:



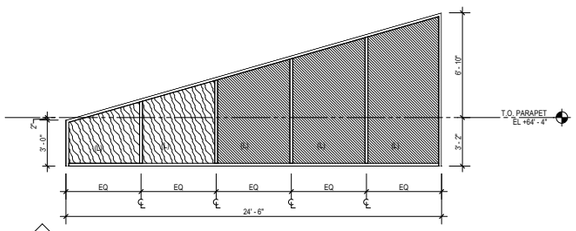
25-A CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



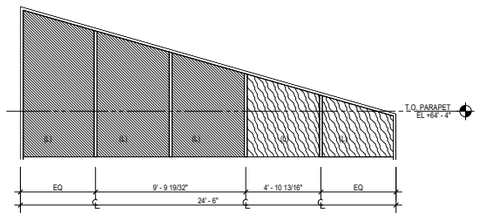
28 SCALE: 1/4" = 1'-0"



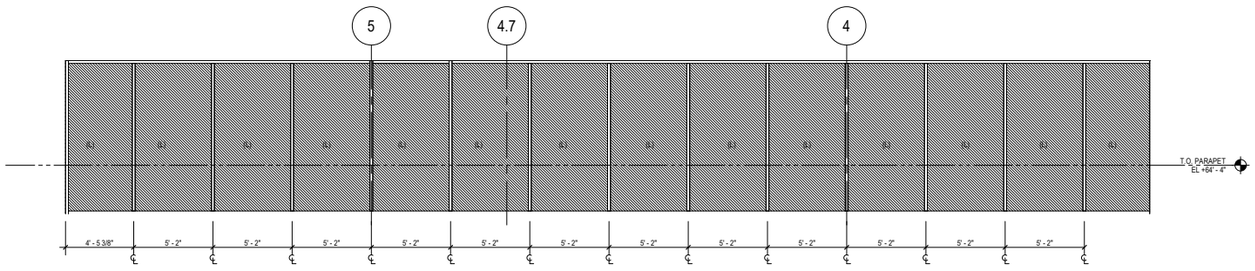
25-B CURTAIN WALL SYSTEM
SCALE: 1/4" = 1'-0"



26-A SCALE: 1/4" = 1'-0"



26-B SCALE: 1/4" = 1'-0"



27 SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. (T) INDICATES TEMPERED GLAZING TO MEET 2406.4.1-7 SAFETY GLAZING REQUIREMENTS.

B (L) INDICATES LAMINATED GLAZING. LAMINATION BETWEEN PLANE 3 & 4

GRAPHIC LEGEND

NOTE:
SEE SPECIFICATION A4.0.1 FOR MATERIAL LEGEND

GL-11
CLEAR VISION GLASS
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-12
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-13
CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN 70XL U.N.O

GL-14
VISION GLASS
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O

GL-15
SHADOW BOX
1" IGU - PPG CLEAR SOLARBAN R100 U.N.O
CLEAR VISION (ACID ETCHED)

GL-16
LAMINATED CLEAR VISION
1" IGU - PPG CLEAR SOLARBAN R100

GL-17
LAMINATED CLEAR VISION (ACID ETCHED)
1" IGU - PPG CLEAR SOLARBAN R100

MP-1
PREFINISHED METAL WALL PANEL
RAINSCREEN ASSEMBLY

MS-1 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO STUD SYSTEM
MS-2 – PREFINISHED METAL WALL PANEL SCREEN ASSEMBLY TO CMU SYSTEM
MS-3 – PREFINISHED LOUVER METAL WALL PANEL SCREEN ASSEMBLY
MS-4 – PREFINISHED METAL WALL PANEL RAIN SCREEN ASSEMBLY

CP-1 - INTEGRAL EXTERIOR CEMENT PLASTER WITH INSULATION
CP-2 - INTEGRAL EXTERIOR CEMENT PLASTER WITHOUT INSULATION
CP-3 - INTEGRAL EXTERIOR CEMENT PLASTER AT SOFFIT

ACIP-1 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
1A - 2 COAT DIRECT APPLIED STUCCO SYSTEM
1B - 3 COAT WITH WATERPROOFING STUCCO SYSTEM

ACIP-2 (A,B)
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE (EXPOSED CONCRETE)
2A- WITH REINFORCED WATERPROOFING
2B - WITH CLEAR WATERPROOFING

ACIP-3
CAST IN PLACE ARCHITECTURAL FINISH CONCRETE
"SAWTOOTH" FORM LINER

MV-1 – MASONRY VENEER ON STUD WALL
MV-2 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITH INSULATION
MV-3 – MASONRY VENEER ON STRUCTURAL CONCRETE
MV-4 – MASONRY VENEER ON CONCEALED LINTEL
MV-5 – MASONRY VENEER ON CONCRETE MASONRY UNIT WITHOUT INSULATION

ADDITIONAL ITEMS:

BGW-1 – BELOW GRADE WALL
RA-1 – ROOF ASSEMBLY
TP-1 – TERRACE PAVERS (LIMESTONE GREY, CHARCOAL, NATURAL)
CW-1 – FACETED UNITIZED CURTAIN WALL 7" SYSTEM
WW-1 – FACETED WINDOW WALL 6" SYSTEM
GLR-1 – LINEAR CHANNEL GLASS RAILING
ESS-1 – EXTERIOR SUN SHADE
ESS-2 – PORCH CANOPY
ESS-3 – ALUMINUM CANOPY (PPG DURANAR SUNSTORM. 40 PEWTER)
GR-1 – STEEL FRAME WITH WIRE PANEL INFILL GUARDRAIL
AL-22 – HORIZONTAL PERFORATED ALUMINUM SHADE PANEL
GS-21 – GALVANIZED STEEL FRAME FINISH
TC-1 – TERRA COTTA LOUVERS
WD-2 – CANOPY MEMBER 2"X6"X7' IPE
APC-1 – PRE-CAST COCRETE WALL CAP
APC-2 – PRE-CAST COCRETE WALL LEDGER
APC-3 – PRE-CAST COCRETE WALL LEDGER

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

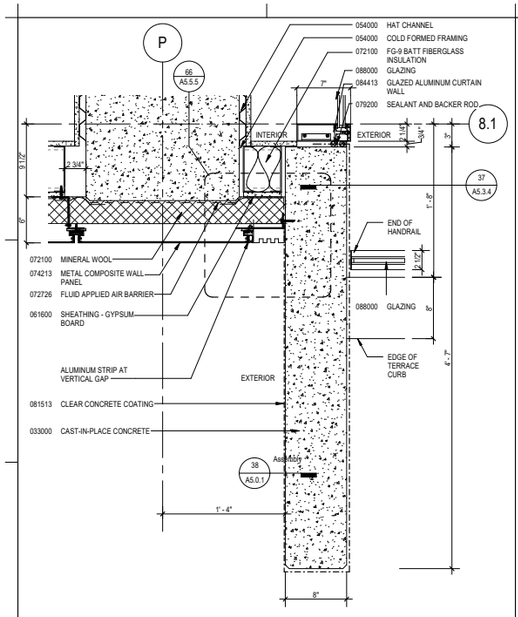
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFFENDERFER
C-8790
6-30-19
REGISTERED PROFESSIONAL ARCHITECT
STATE OF CALIFORNIA

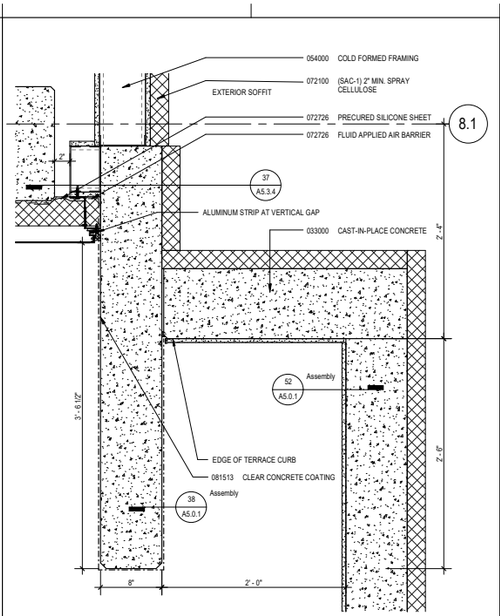
SHEET TITLE
EXTERIOR GLAZING TYPES

PROJECT NUMBER
A5.1.3
SHEET NUMBER

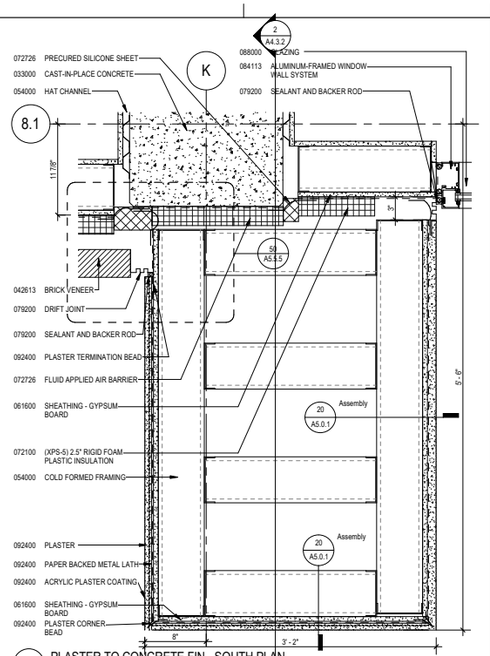
Author
11/19/2018 5:29:59 PM
Plot Date:



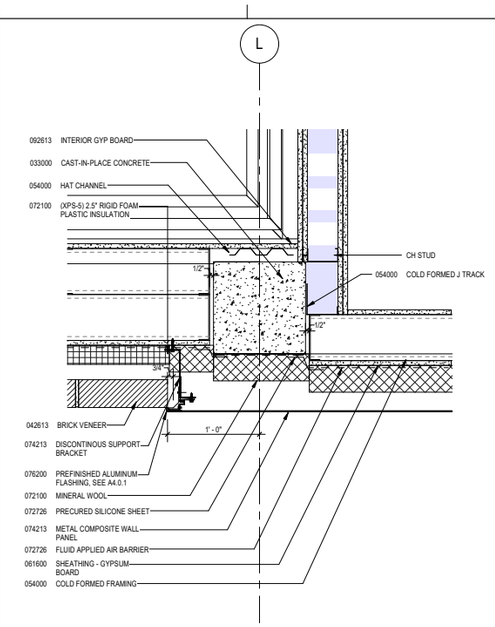
67 CONCRETE FIN TO CURTAIN WALL - SOUTH PLAN
SCALE: 1 1/2" = 1'-0"



51 CONCRETE FIN TO SOFFIT AT DOWNTURN BEAM
SCALE: 1 1/2" = 1'-0"



35 PLASTER TO CONCRETE FIN - SOUTH PLAN
SCALE: 1 1/2" = 1'-0"



19 BRICK TO METAL PANEL - SOUTH PLAN
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).

2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).

3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED

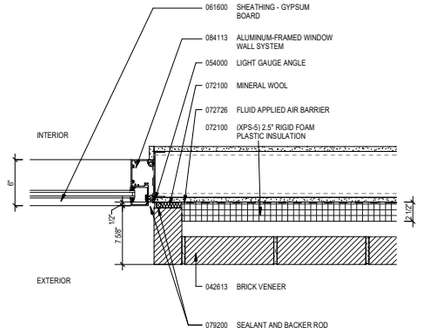
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN

5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC

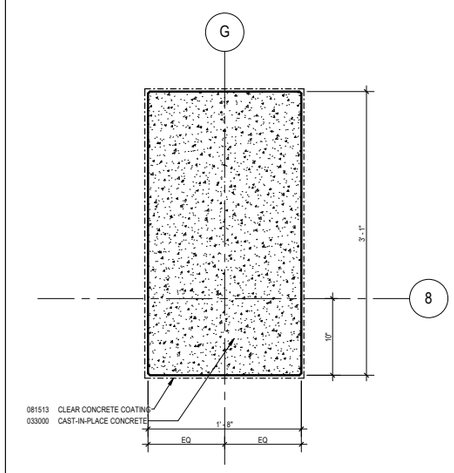
6. SEE FLASHING DETAILS ON A5.6 SERIES

7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

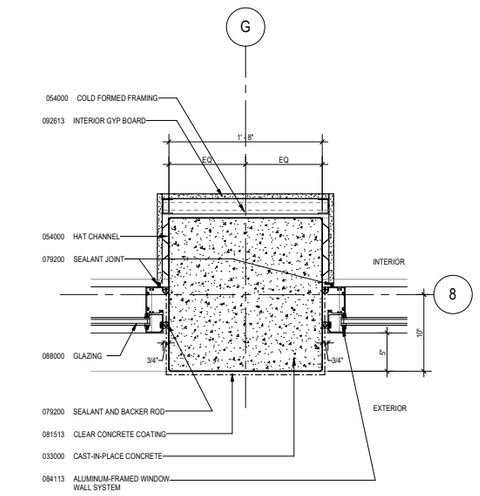
REFERENCE KEYNOTES



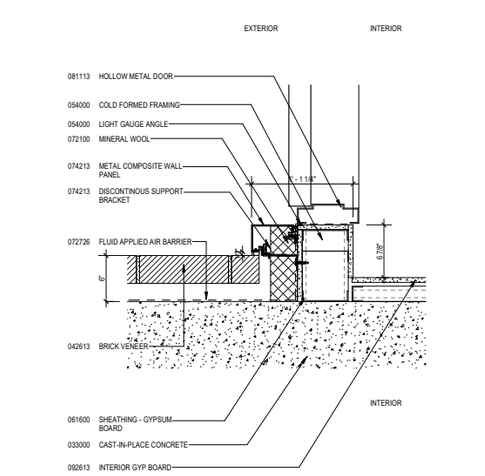
70 GLAZING JAMB TO BRICK STUD WALL TYP.
SCALE: 1 1/2" = 1'-0"



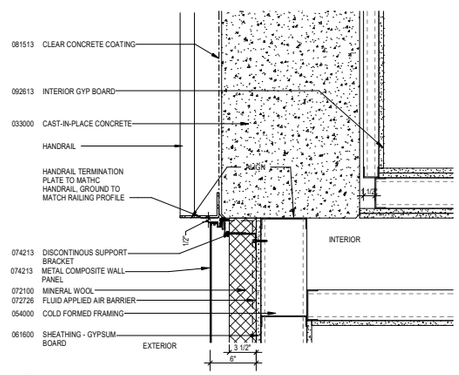
54 CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"



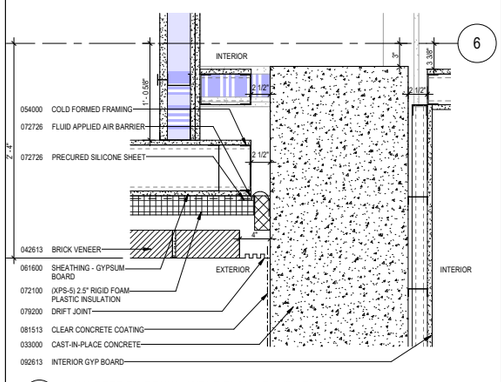
38 CONCRETE TO GLAZING TYP - SOUTH PLAN
SCALE: 1 1/2" = 1'-0"



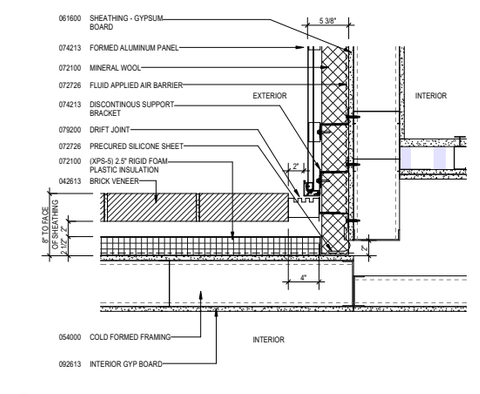
22 BRICK CORNER TO METAL PANEL - WEST PLAN DETAIL ABOVE LEVEL 1
SCALE: 1 1/2" = 1'-0"



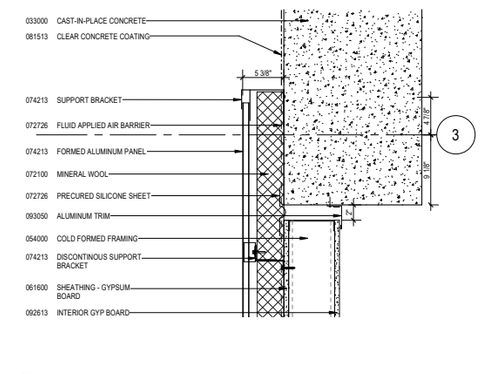
72 CONCRETE TO METAL PANEL - WEST PLAN
SCALE: 1 1/2" = 1'-0"



56 CONCRETE TO BRICK - WEST PLAN ABOVE LEVEL 1
SCALE: 1 1/2" = 1'-0"



40 BRICK TO METAL SCREEN - WEST
SCALE: 1 1/2" = 1'-0"



24 CONCRETE TO METAL SCREEN - WEST PLAN 2
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENNARO
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

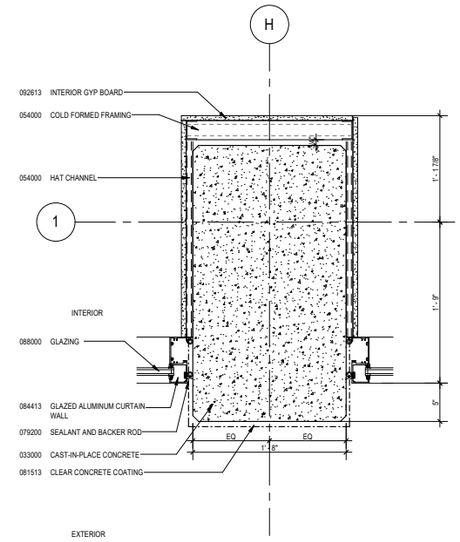
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER

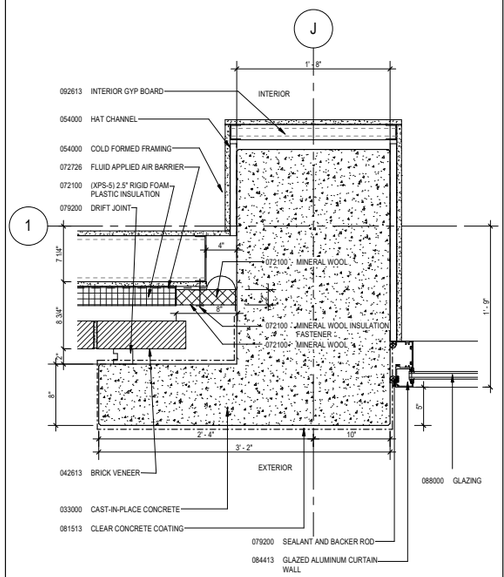
A5.2.1

SHEET NUMBER

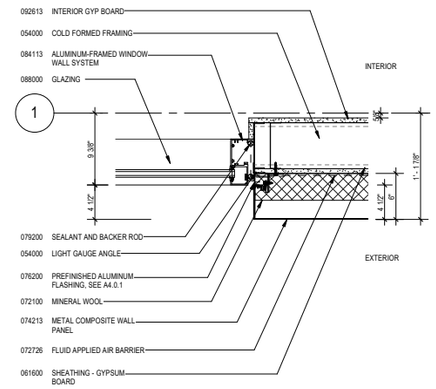
START Sheet
11/19/2018 5:30:14 PM
Plot Date:



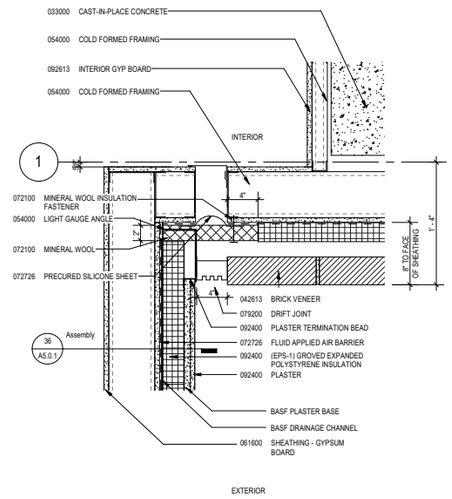
67 CONCRETE TO GLAZING - NORTH LAB PLAN
SCALE: 1 1/2" = 1'-0"



51 CONCRETE TO BRICK - NORTH PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



35 METAL PANEL TO GLAZING - TYPICAL
SCALE: 1 1/2" = 1'-0"

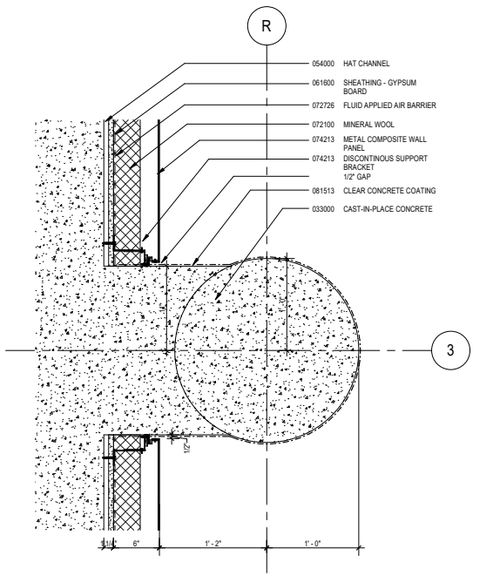


19 BRICK TO PLASTER - NORTH PLAN
SCALE: 1 1/2" = 1'-0"

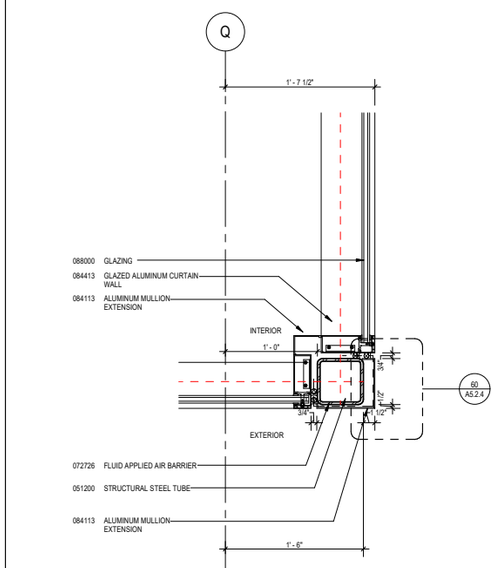
GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

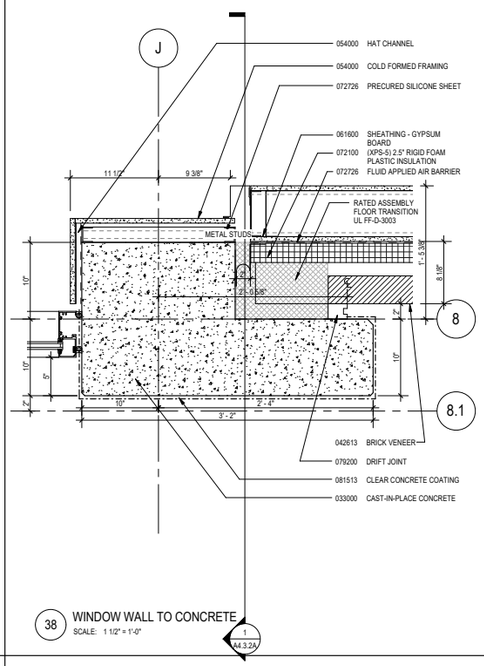
REFERENCE KEYNOTES



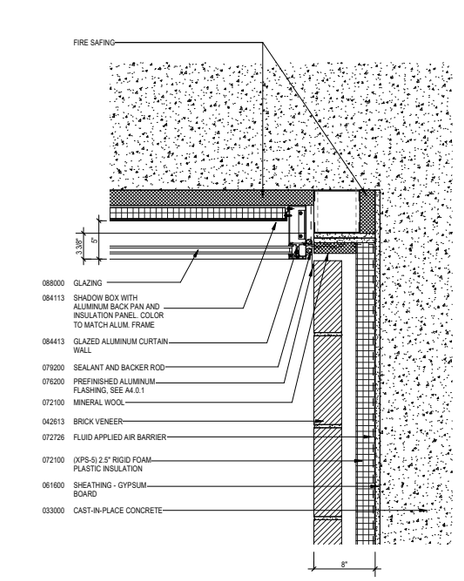
70 CONCRETE BEAM TO COLUMN AT SLAB
SCALE: 1 1/2" = 1'-0"



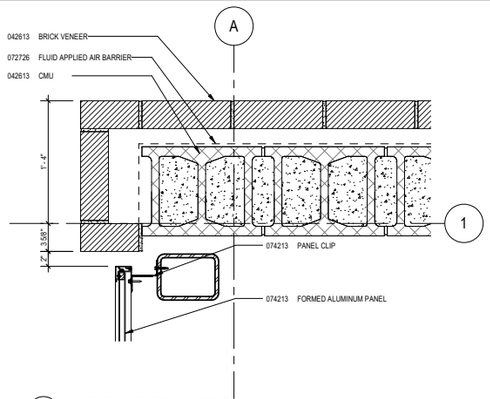
64 CURTAIN WALL CORNER - EAST PLAN
SCALE: 1 1/2" = 1'-0"



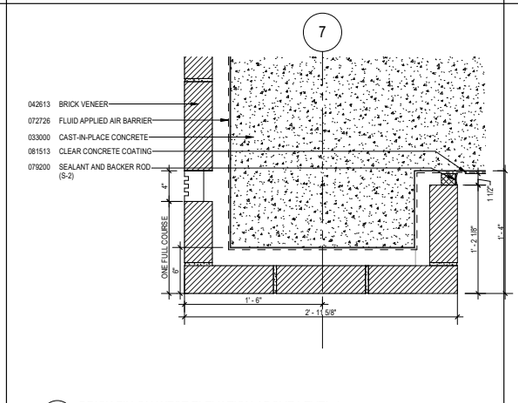
38 WINDOW WALL TO CONCRETE
SCALE: 1 1/2" = 1'-0"
1 A4.3.2A



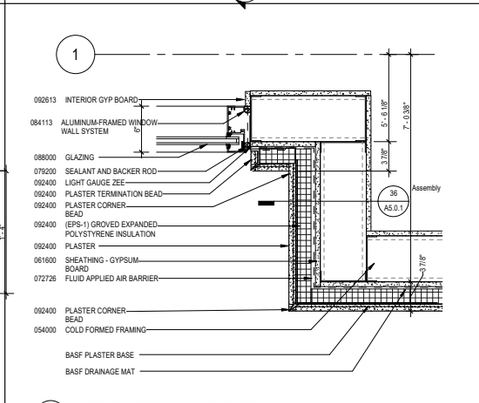
22 SHADOW BOX AT FLOOR TO BRICK
SCALE: 1 1/2" = 1'-0"



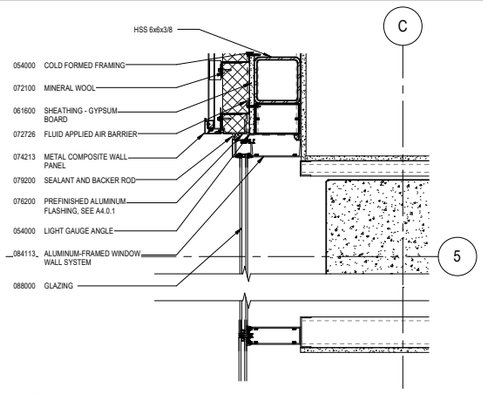
72 LOADING DOCK BRICK CORNER
SCALE: 1 1/2" = 1'-0"



56 BRICK FIN ON WEST ELEVATION ABOVE LEVEL 1
SCALE: 1 1/2" = 1'-0"



40 NORTH PLASTER WALL TO CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



24 METAL PANEL TO GLAZING - WEST PLAN
SCALE: 1 1/2" = 1'-0"

Author
11/19/2018 5:30:28 PM
Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

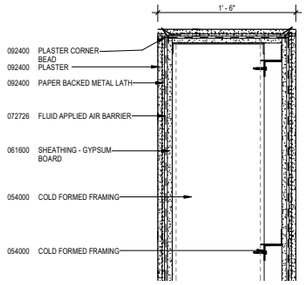
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

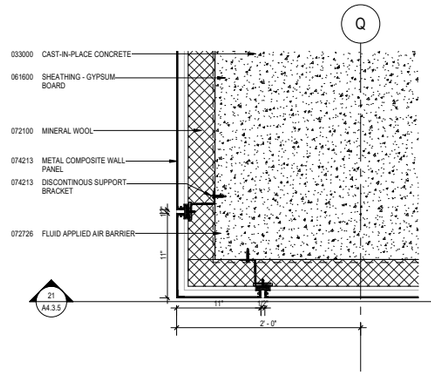
LICENSED ARCHITECT
GUILLERMO L. DIFERNANDO
C-8790
8-31-19
RENEWAL Date
STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR PLAN DETAILS

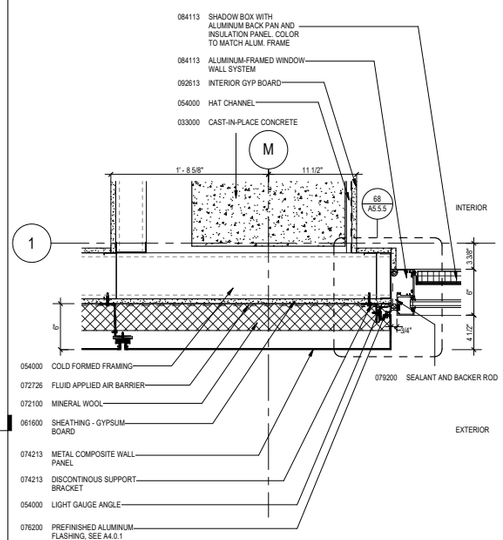
PROJECT NUMBER
A5.2.2
SHEET NUMBER



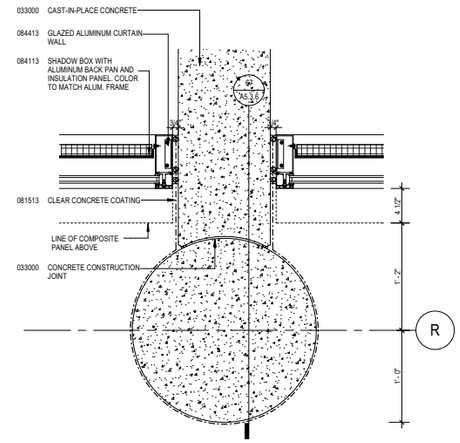
67 NORTHEAST PLASTER FIN
SCALE: 1 1/2" = 1'-0"



51 METAL PANEL TO METAL PANEL CORNER AT SLAB
SCALE: 1 1/2" = 1'-0"

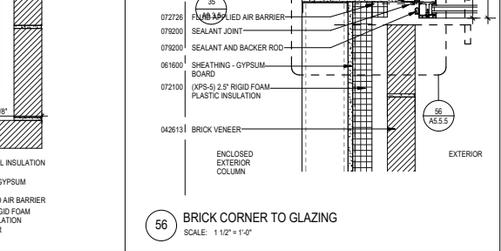


35 METAL PANEL TO SHADOW BOX TYP.
SCALE: 1 1/2" = 1'-0"



19 SHADOW BOX TO BEAM
SCALE: 1 1/2" = 1'-0"

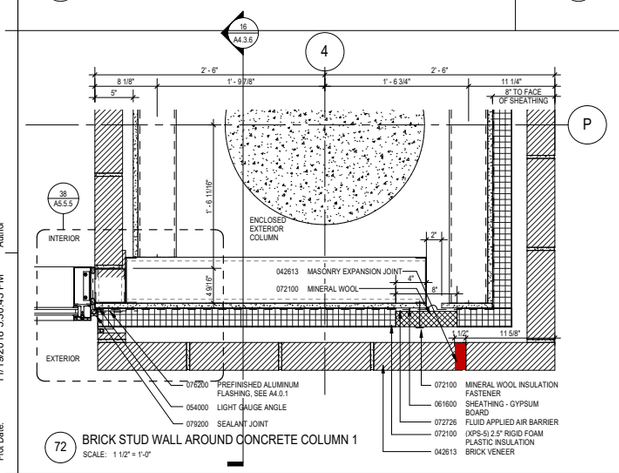
70 CONCRETE WALL WITH BRICK VENEER
SCALE: 1 1/2" = 1'-0"



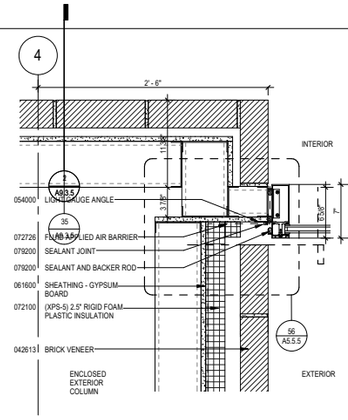
54 PRECAST CONCRETE JAMB
SCALE: 1 1/2" = 1'-0"

38 METAL PANEL TO METAL LOUVER
SCALE: 1 1/2" = 1'-0"

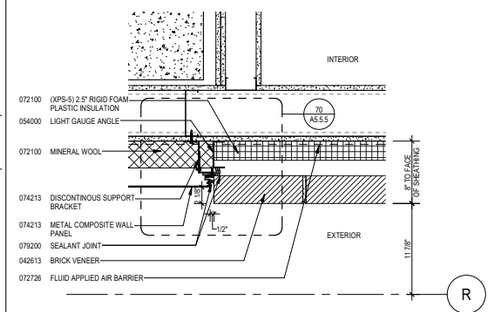
22 METAL PANEL TO BRICK (RECESSED)
SCALE: 1 1/2" = 1'-0"



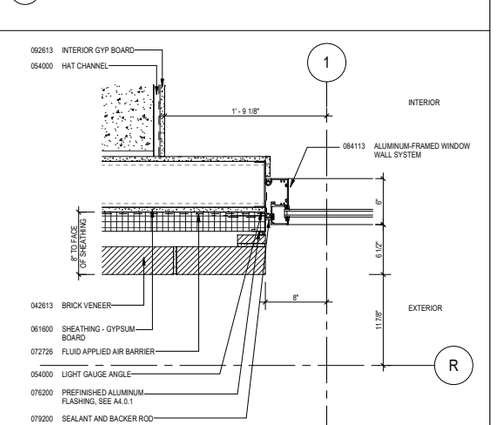
72 BRICK STUD WALL AROUND CONCRETE COLUMN 1
SCALE: 1 1/2" = 1'-0"



56 BRICK CORNER TO GLAZING
SCALE: 1 1/2" = 1'-0"



40 COMPOSITE METAL PANEL TO BRICK
SCALE: 1 1/2" = 1'-0"



24 BRICK TO GLAZING - EAST PLAN
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	12	APRIL 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

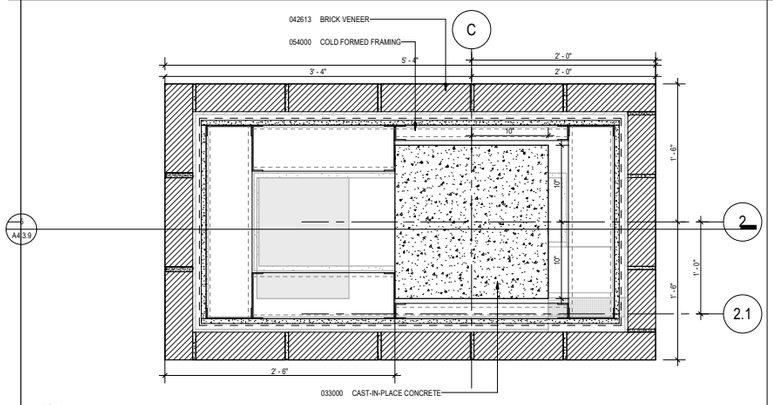
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFRANCO
C-8790
8-31-19
RENEWAL DATE
STATE OF CALIFORNIA

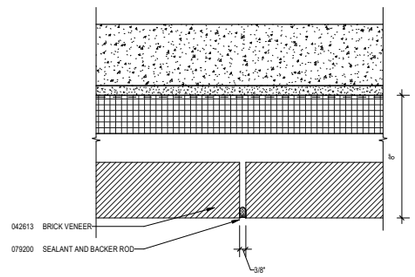
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER
A5.2.3
SHEET NUMBER

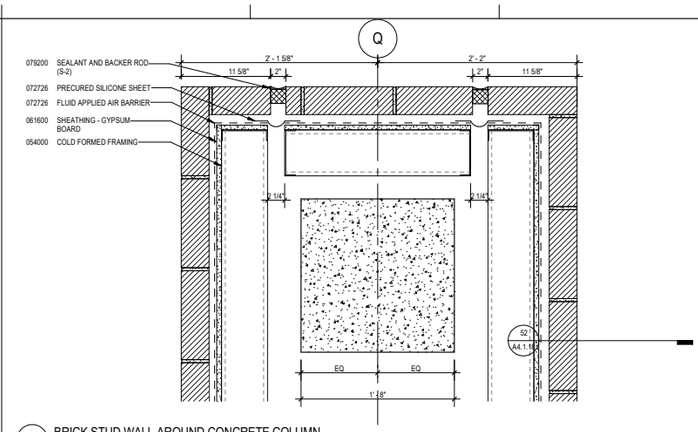
Author
11/19/2018 5:30:43 PM
Plot Date:



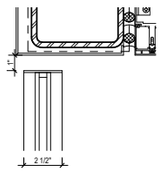
58 BRICK STUD WALL AROUND CONCRETE COLUMN 2
SCALE: 1 1/2" = 1'-0"



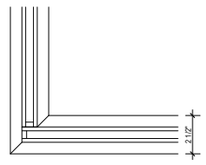
42 MASONRY EXPANSION JOINT
SCALE: 3" = 1'-0"



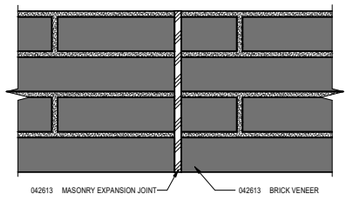
26 BRICK STUD WALL AROUND CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"



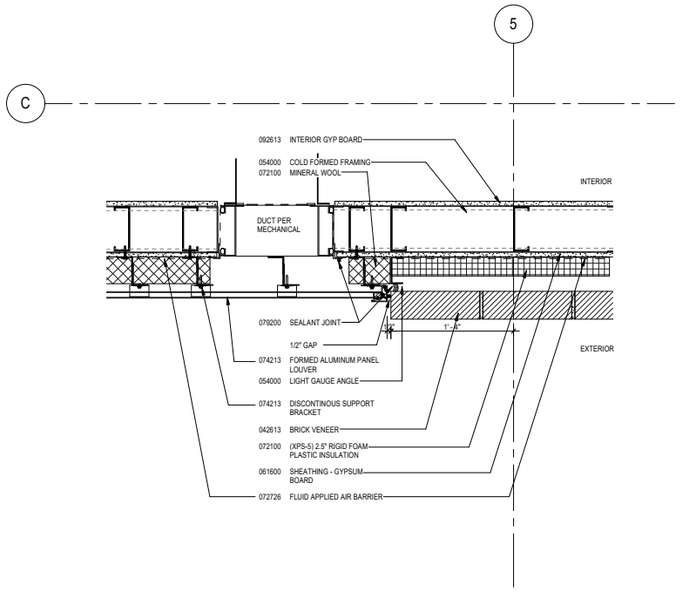
60 GLASS GUARDRAIL EDGE
SCALE: 3" = 1'-0"



52 GLASS GUARDRAIL CORNER
SCALE: 3" = 1'-0"



44 MASONRY EXPANSION JOINT ELEVATION PATTERN
SCALE: 3" = 1'-0"



29 LOUVERED METAL PANEL AT EXTERIOR MECHANICAL PENETRATION
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

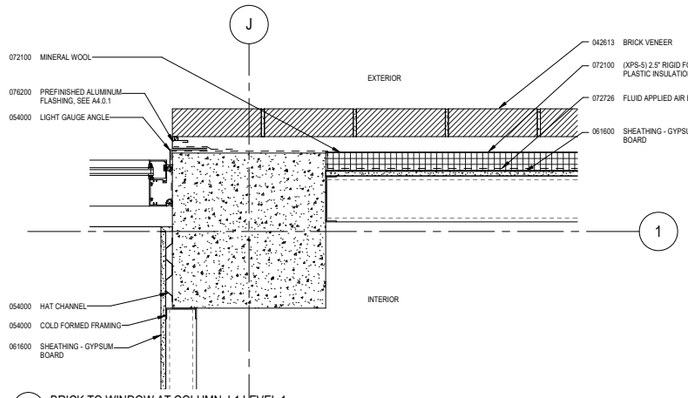
SEALS AND SIGNATURES



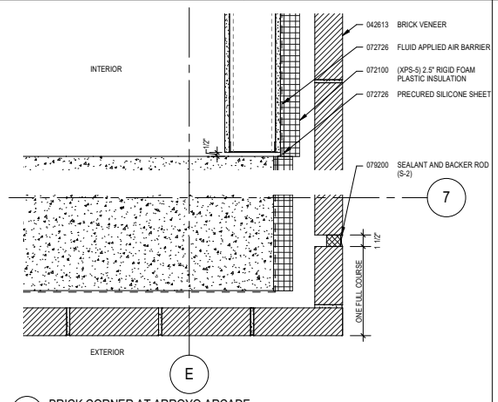
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER
A5.2.4
SHEET NUMBER

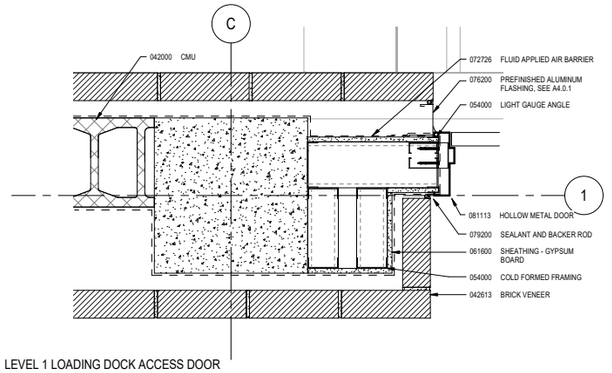
Plot Date: 11/19/2018 5:30:54 PM Author



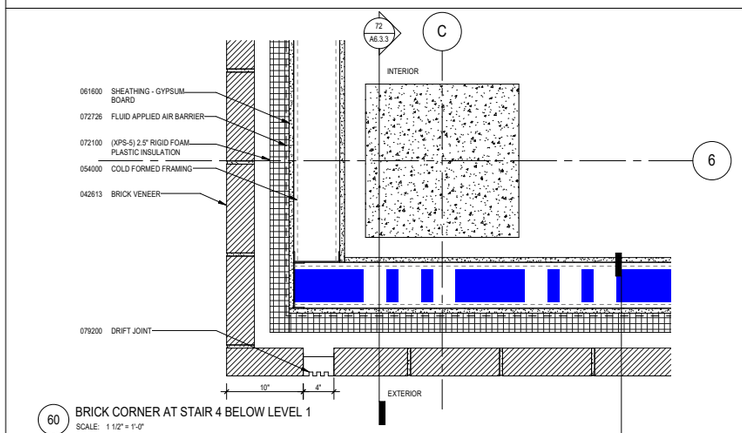
58 BRICK TO WINDOW AT COLUMN J-1 LEVEL 1
SCALE: 1 1/2" = 1'-0"



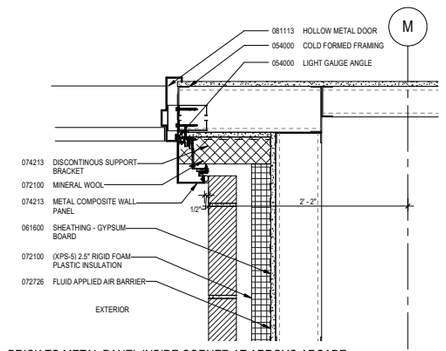
34 BRICK CORNER AT ARROYO ARCADE
SCALE: 1 1/2" = 1'-0"



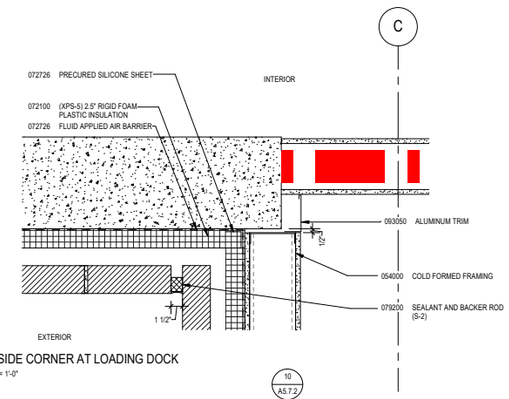
18 LEVEL 1 LOADING DOCK ACCESS DOOR
SCALE: 1 1/2" = 1'-0"



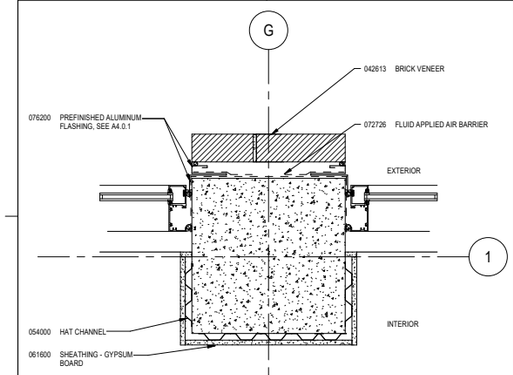
60 BRICK CORNER AT STAIR 4 BELOW LEVEL 1
SCALE: 1 1/2" = 1'-0"



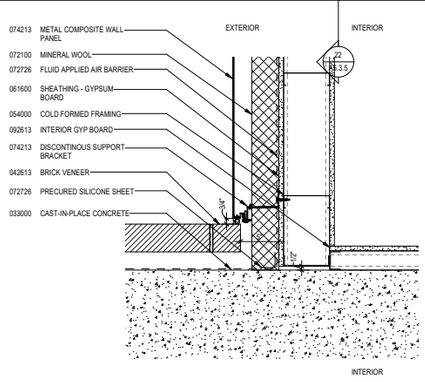
36 BRICK TO METAL PANEL INSIDE CORNER AT ARROYO ARCADE
SCALE: 1 1/2" = 1'-0"



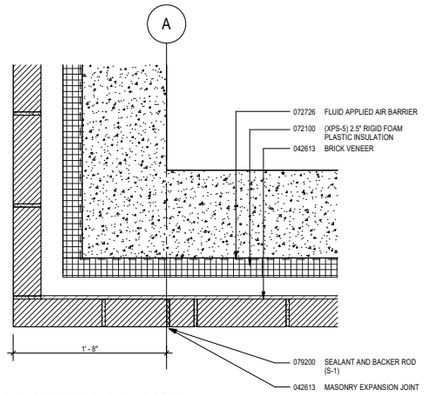
20 BRICK INSIDE CORNER AT LOADING DOCK
SCALE: 1 1/2" = 1'-0"



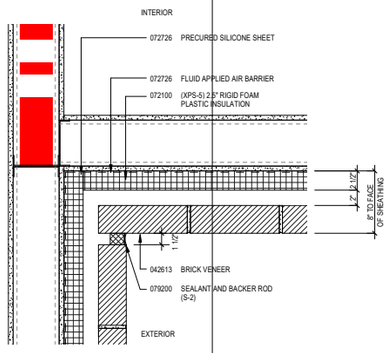
72 BRICK TO GLAZING - NORTH LAB PLAN
SCALE: 1 1/2" = 1'-0"



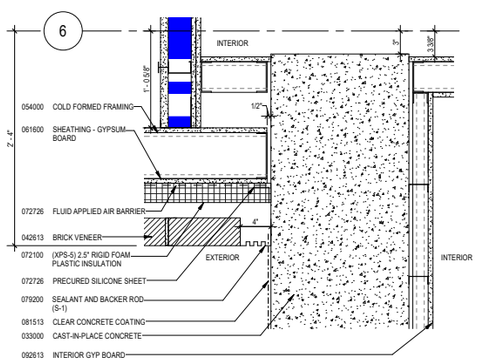
54 BRICK CORNER TO METAL PANEL - WEST PLAN DETAIL BELOW LEVEL 1
SCALE: 1 1/2" = 1'-0"



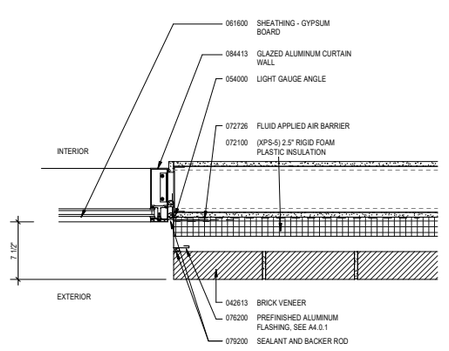
38 BRICK CORNER AT LOADING DOCK
SCALE: 1 1/2" = 1'-0"



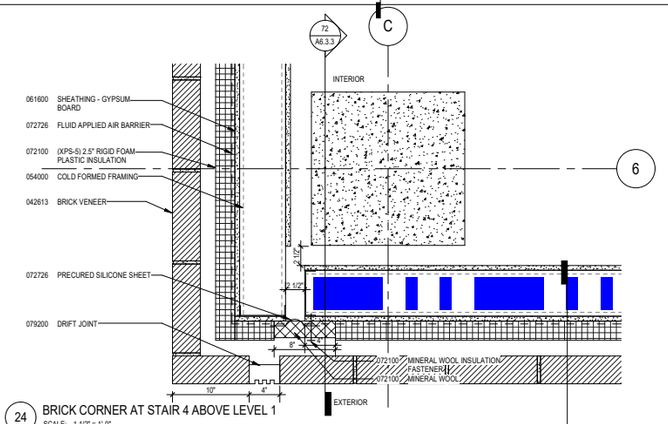
22 BRICK INSIDE CORNER AT ARROYO ARCADE
SCALE: 1 1/2" = 1'-0"



56 CONCRETE TO BRICK - WEST PLAN BELOW LEVEL 1
SCALE: 1 1/2" = 1'-0"



40 CURTAINWALL JAMB TO BRICK STUD WALL TYP.
SCALE: 1 1/2" = 1'-0"



24 BRICK CORNER AT STAIR 4 ABOVE LEVEL 1
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017

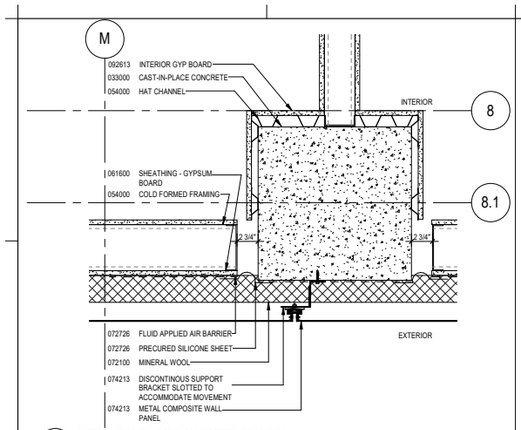
SEALS AND SIGNATURES



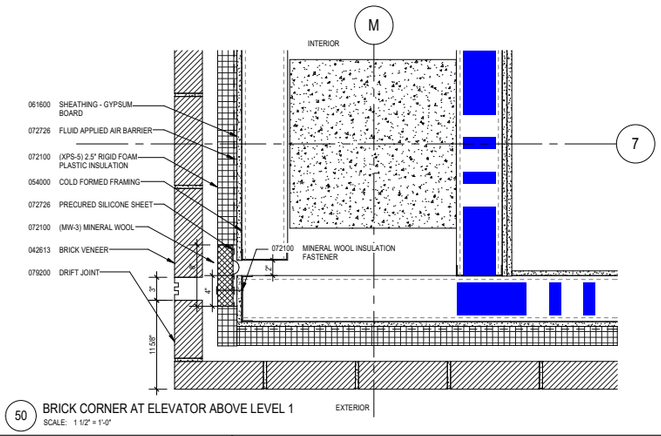
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER
A5.2.5
SHEET NUMBER

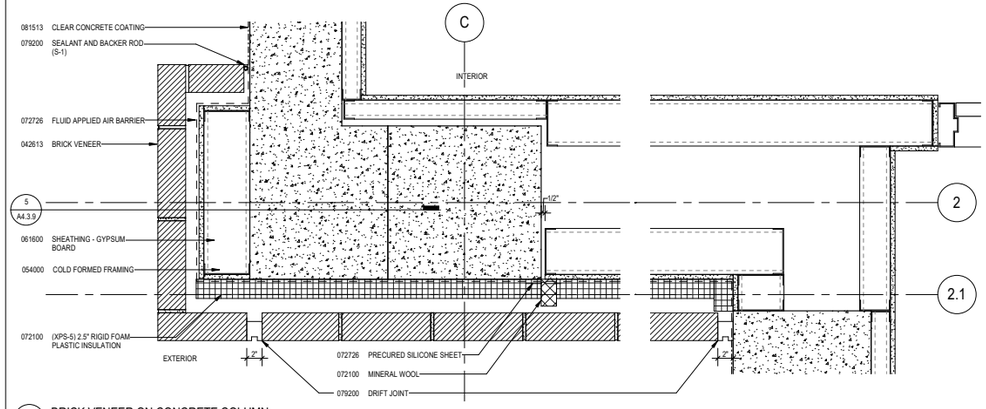
Author
11/19/2018 5:31:10 PM
Plot Date:



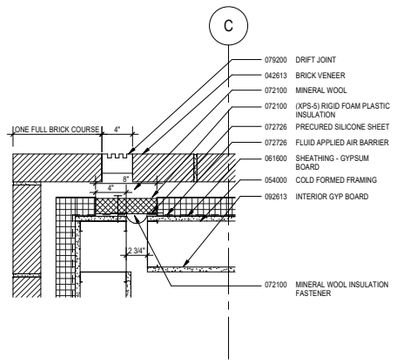
66 METAL PANEL AT CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"



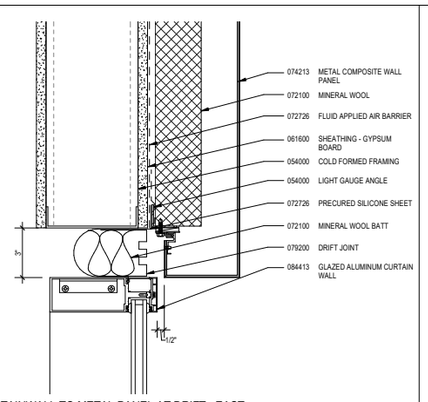
50 BRICK CORNER AT ELEVATOR ABOVE LEVEL 1
SCALE: 1 1/2" = 1'-0"



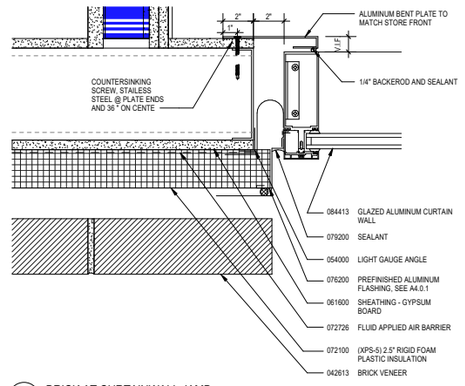
26 BRICK VENEER ON CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"



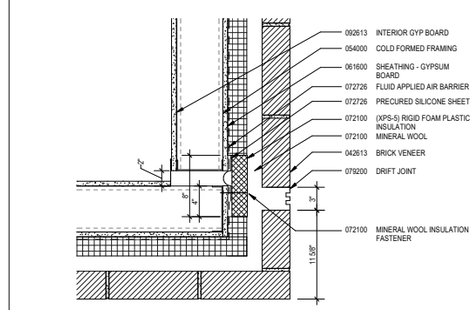
44 OUTSIDE BRICK CORNER AT LOADING DOCK
SCALE: 1 1/2" = 1'-0"



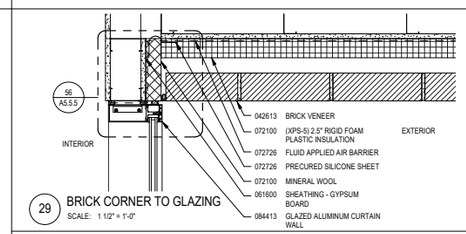
28 CURTAINWALL TO METAL PANEL AT DRIFT - EAST
SCALE: 3" = 1'-0"



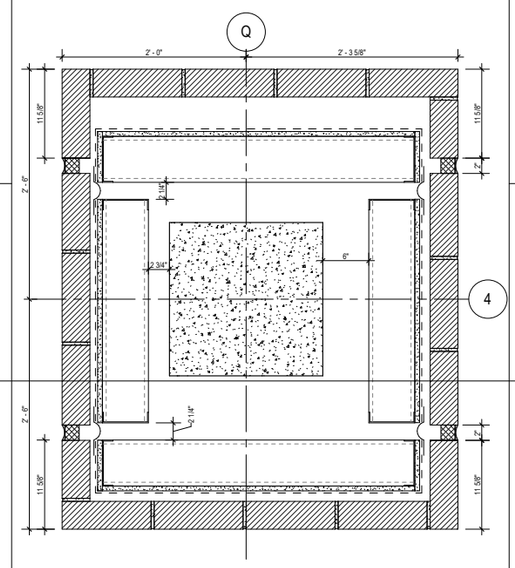
12 BRICK AT CURTAINWALL JAMB
SCALE: 3" = 1'-0"



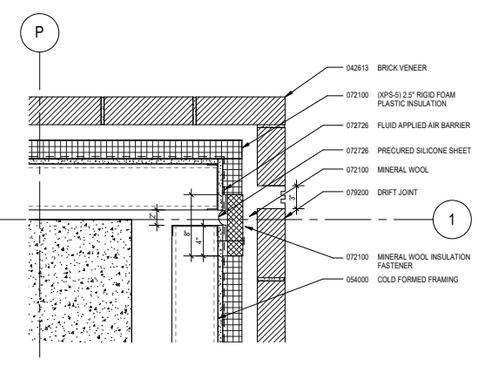
46 LEVEL 1 & 2 ARCADE BRICK CORNER
SCALE: 1 1/2" = 1'-0"



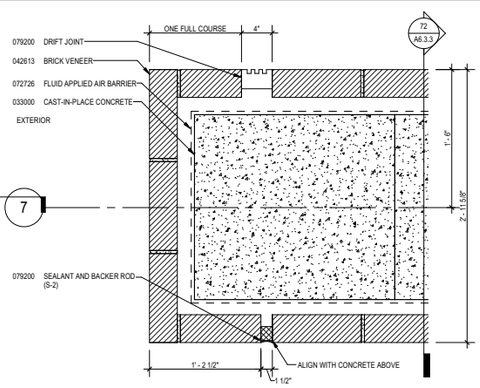
29 BRICK CORNER TO GLAZING
SCALE: 1 1/2" = 1'-0"



31 BRICK CLAD COLUMN
SCALE: 1 1/2" = 1'-0"



14 LEVEL 1 ARCADE ENTRY BRICK CORNER
SCALE: 1 1/2" = 1'-0"



16 BRICK FIN ON WEST ELEVATION BELOW LEVEL 1
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 17	17	22 OCT 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017

SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFFENDER C-8790 8-31-19 RENEWAL CALIFORNIA

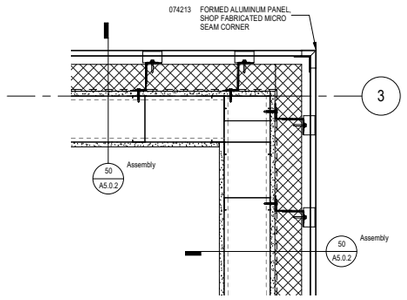
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER

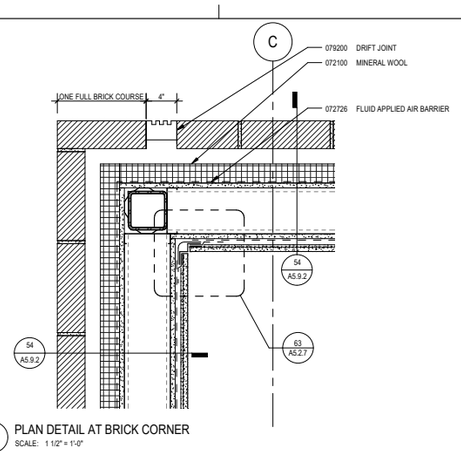
A5.2.6

SHEET NUMBER

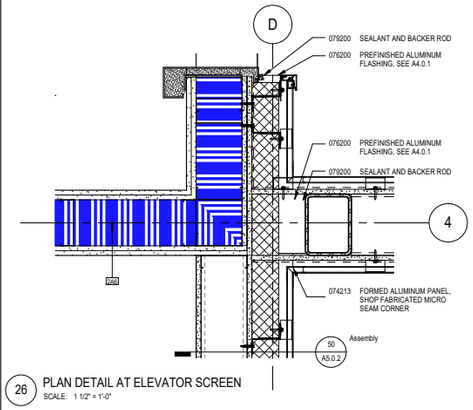
Plot Date: 11/19/2018 5:31:25 PM Author



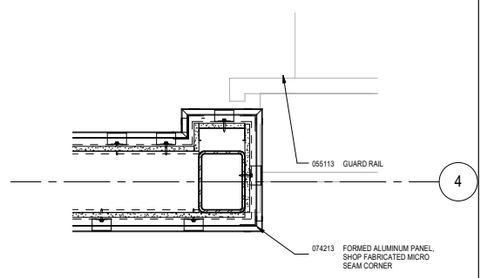
58 PLAN DETAIL AT FORMED METAL TO FORMED ALUMINUM
SCALE: 1 1/2" = 1'-0"



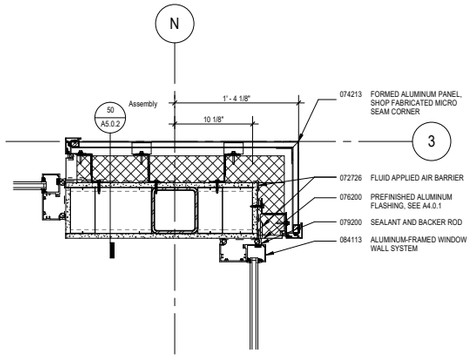
42 PLAN DETAIL AT BRICK CORNER
SCALE: 1 1/2" = 1'-0"



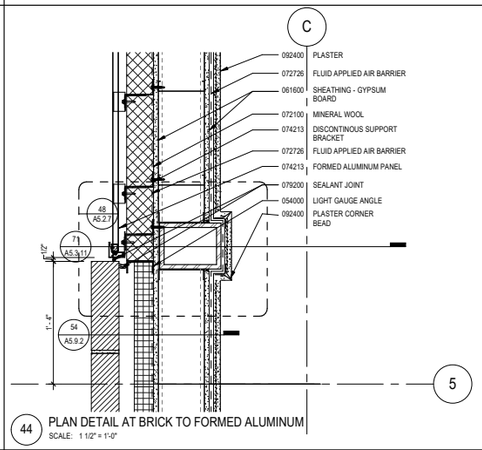
26 PLAN DETAIL AT ELEVATOR SCREEN
SCALE: 1 1/2" = 1'-0"



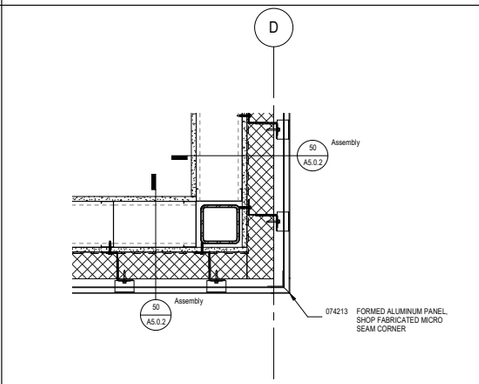
10 PLAN DETAIL AT ELEVATOR SCREEN
SCALE: 1 1/2" = 1'-0"



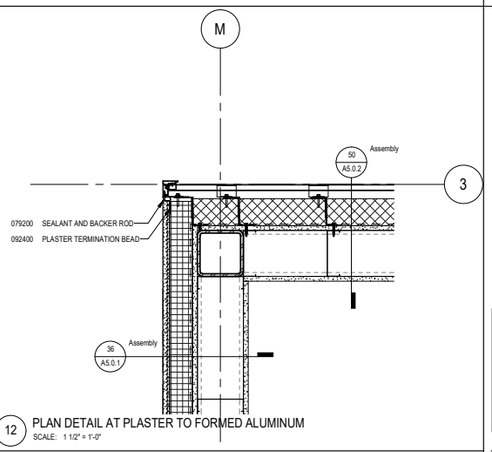
60 PLAN DETAIL AT CLEARSTORY CORNER
SCALE: 1 1/2" = 1'-0"



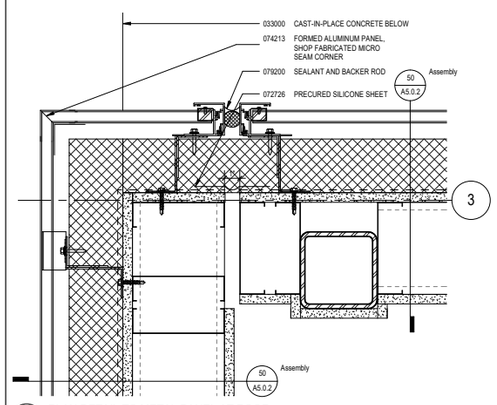
44 PLAN DETAIL AT BRICK TO FORMED ALUMINUM
SCALE: 1 1/2" = 1'-0"



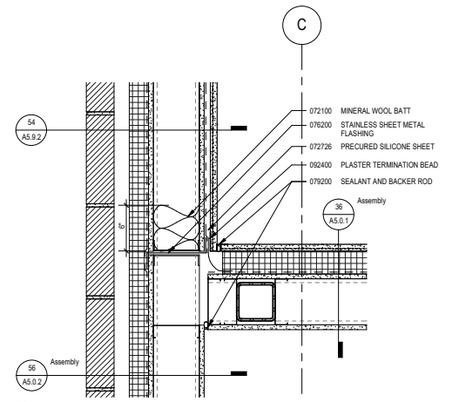
28 PLAN DETAIL AT PLASTER TO FORMED ALUMINUM
SCALE: 1 1/2" = 1'-0"



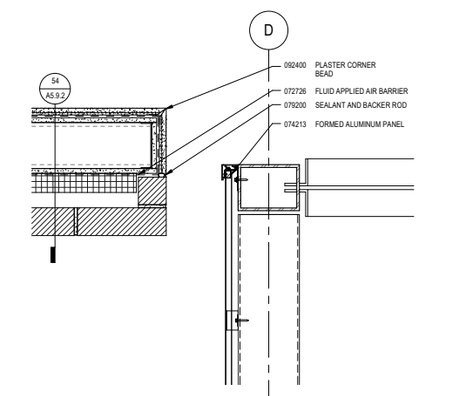
12 PLAN DETAIL AT PLASTER TO FORMED ALUMINUM
SCALE: 1 1/2" = 1'-0"



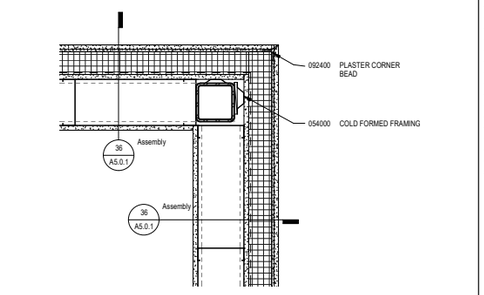
62 PLAN DETAIL TO METAL PANEL AT ROOF
SCALE: 3" = 1'-0"



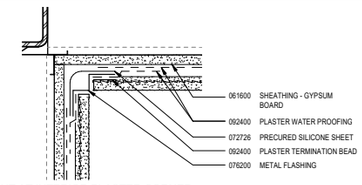
46 PLAN DETAIL AT BRICK
SCALE: 1 1/2" = 1'-0"



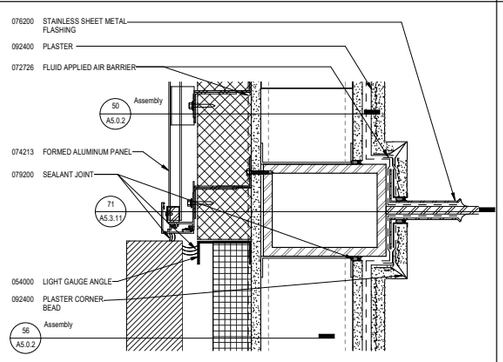
30 PLAN DETAIL AT BRICK TO SCREEN WALL
SCALE: 1 1/2" = 1'-0"



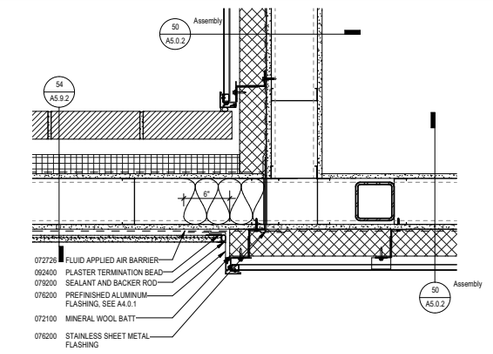
14 PLAN DETAIL AT PLASTER TO PLASTER
SCALE: 1 1/2" = 1'-0"



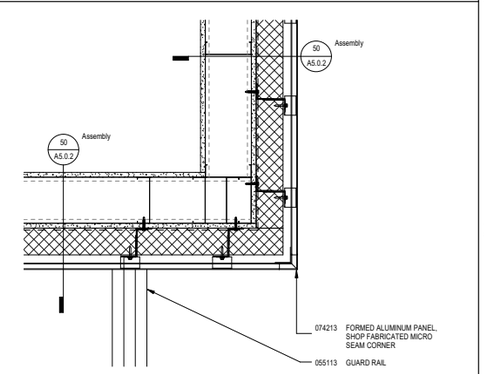
63 CALLOUT AT INTERIOR PLASTER CORNER
SCALE: 3" = 1'-0"



48 PLAN DETAIL BRICK TO METAL PANEL
SCALE: 3" = 1'-0"



32 PLAN DETAIL SHAFT TO PARAPET
SCALE: 1 1/2" = 1'-0"



16 PLAN DETAIL AT FORMED METAL TO FORMED ALUMINUM
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 10	10	05 OCT 2017

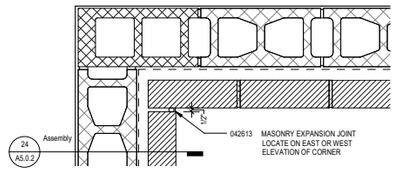
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFERDON C-8790 8-31-19 RENEW CALIFORNIA

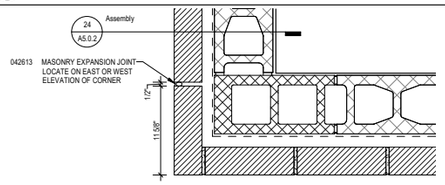
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER
A5.2.7
SHEET NUMBER

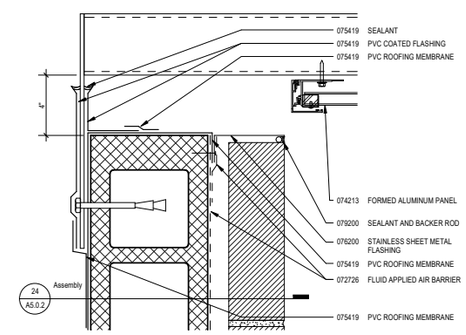
Plot Date: 11/19/2018 5:31:43 PM Author



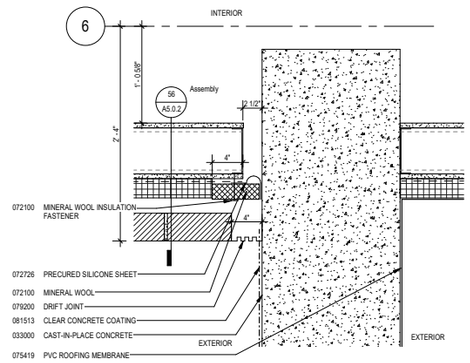
41 TYPICAL PLAN DETAIL BRICK ON CMU INSIDE CORNER
SCALE: 1 1/2" = 1'-0"



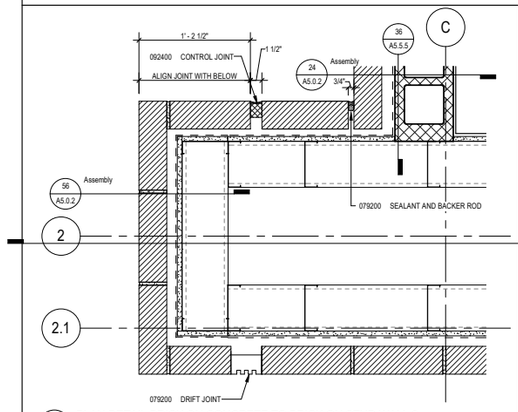
42 TYPICAL PLAN DETAIL BRICK PARAPET OUTSIDE CORNER
SCALE: 1 1/2" = 1'-0"



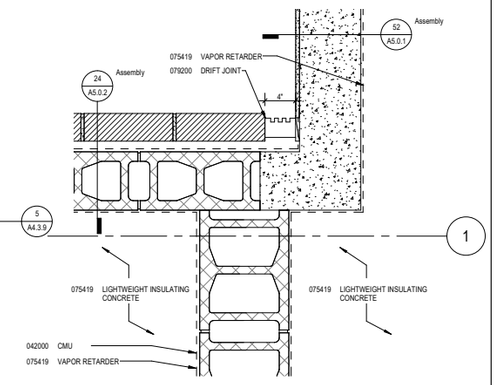
26 PLAN DETAIL BRICK TO SCREEN WALL
SCALE: 3" = 1'-0"



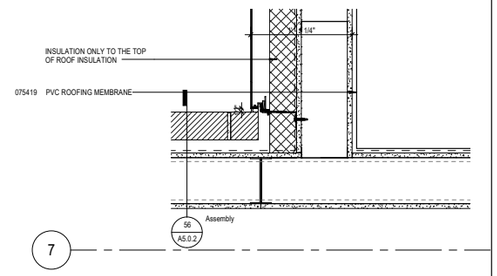
10 PLAN DETAIL BRICK TO CONCRETE
SCALE: 1 1/2" = 1'-0"



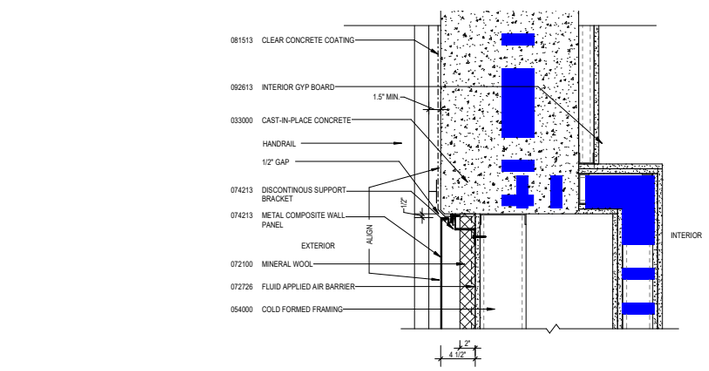
44 PLAN DETAIL BRICK ON CONCRETE TO BRICK ON STUD WALL 2
SCALE: 1 1/2" = 1'-0"



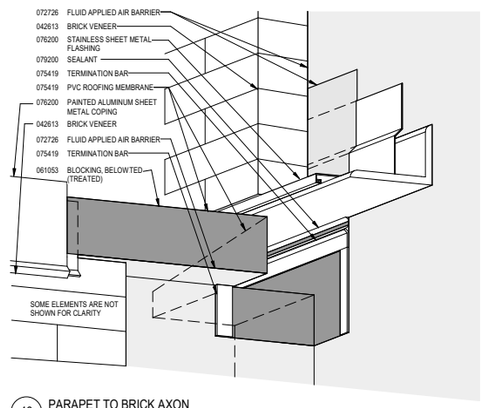
28 PLAN DETAIL BRICK TO UPTURN BEAM
SCALE: 1 1/2" = 1'-0"



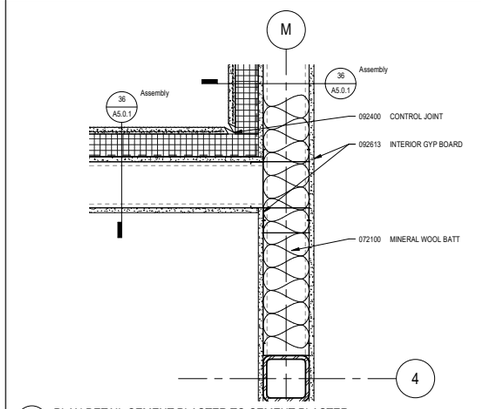
12 PLAN DETAIL BRICK EDGE TO CONCRETE
SCALE: 1 1/2" = 1'-0"



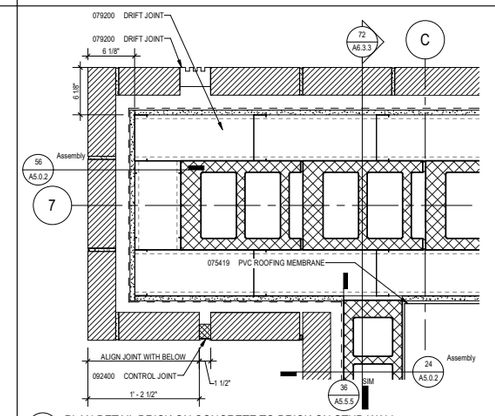
62 METAL PANEL TO CONCRETE AT STAIR 4 LOWER LEVEL
SCALE: 1 1/2" = 1'-0"



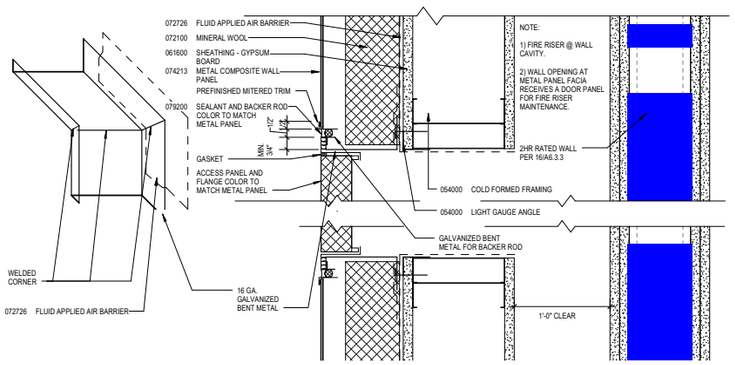
46 PARAPET TO BRICK AXON
SCALE: NOT TO SCALE



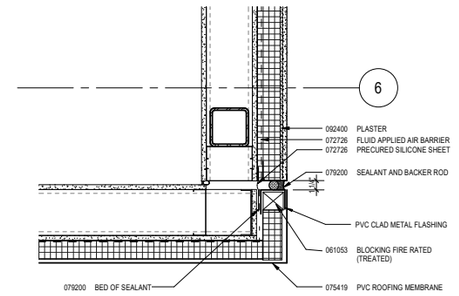
30 PLAN DETAIL CEMENT PLASTER TO CEMENT PLASTER
SCALE: 1 1/2" = 1'-0"



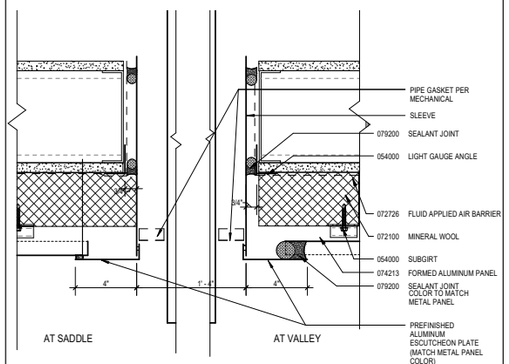
14 PLAN DETAIL BRICK ON CONCRETE TO BRICK ON STUD WALL
SCALE: 1 1/2" = 1'-0"



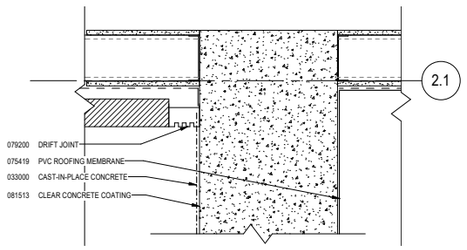
64 INSULATED FIRE RATED ACCESS PANEL
SCALE: 3" = 1'-0"



48 PLASTER TO PVC CORNER
SCALE: 1 1/2" = 1'-0"



32 QUENCH PIPE PLAN
SCALE: 3" = 1'-0"



16 CONCRETE PARAPET TO BRICK PARAPET
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 17	17	22 OCT 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017

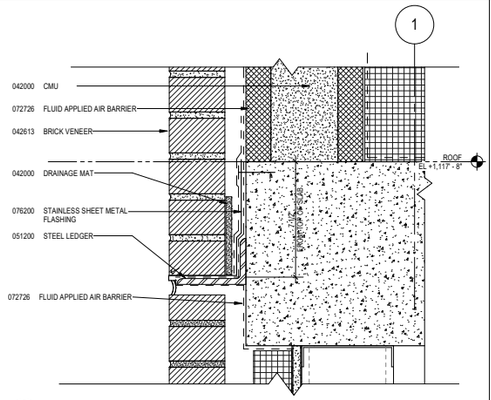
SEALS AND SIGNATURES



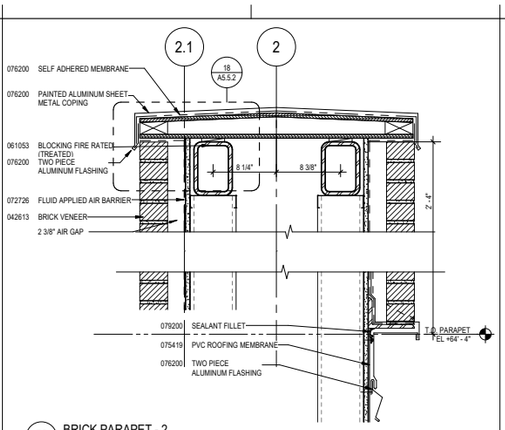
SHEET TITLE
EXTERIOR PLAN DETAILS

PROJECT NUMBER
A5.2.8
SHEET NUMBER

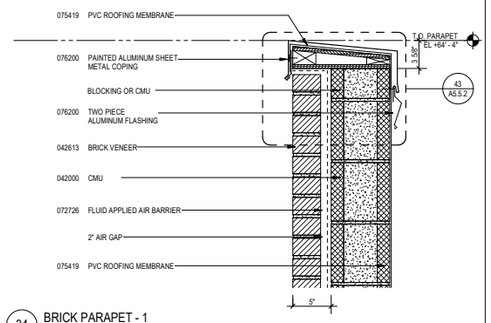
Author
11/19/2018 5:32:04 PM
Plot Date:



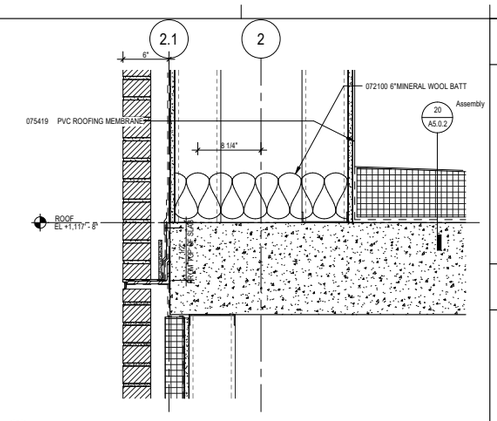
66 BRICK PARAPET AT NORTH OFFICE
SCALE: 3" = 1'-0"



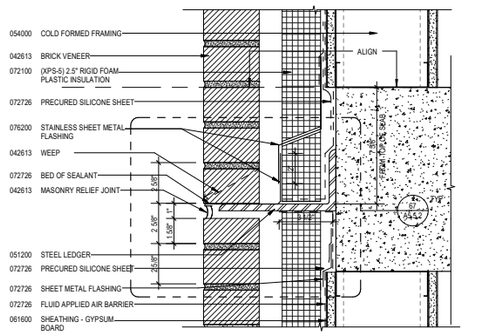
50 BRICK PARAPET - 2
SCALE: 1 1/2" = 1'-0"



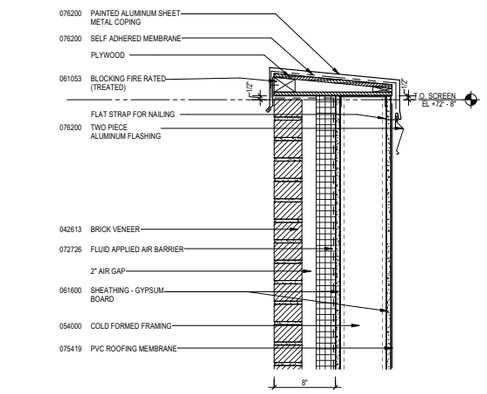
34 BRICK PARAPET - 1
SCALE: 1 1/2" = 1'-0"



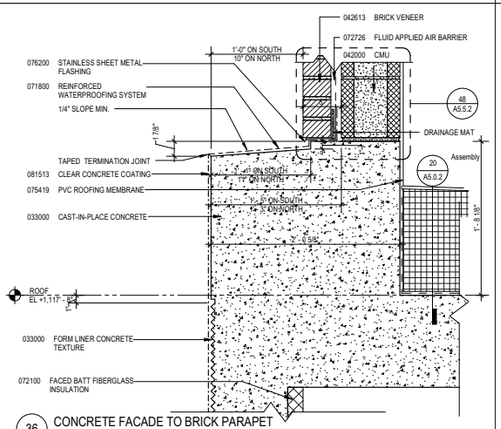
1 BRICK PARAPET - 4
SCALE: 1 1/2" = 1'-0"



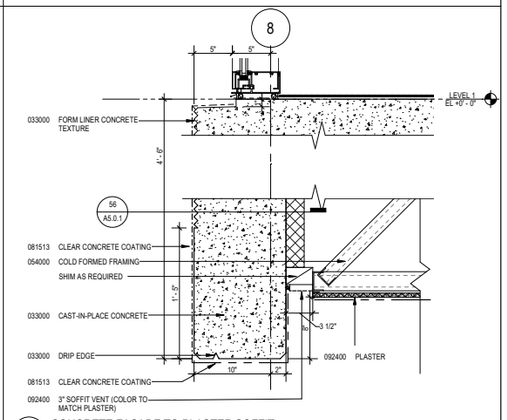
68 TYPICAL HORIZONTAL BRICK JOINT
SCALE: 3" = 1'-0"



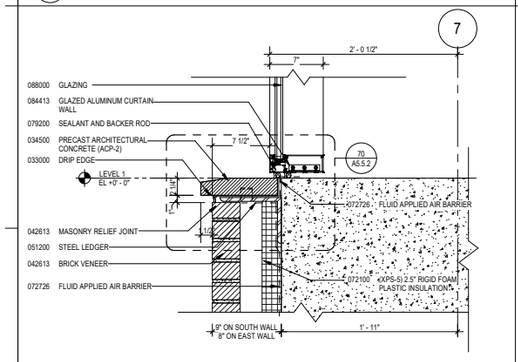
52 BRICK PARAPET - 3
SCALE: 1 1/2" = 1'-0"



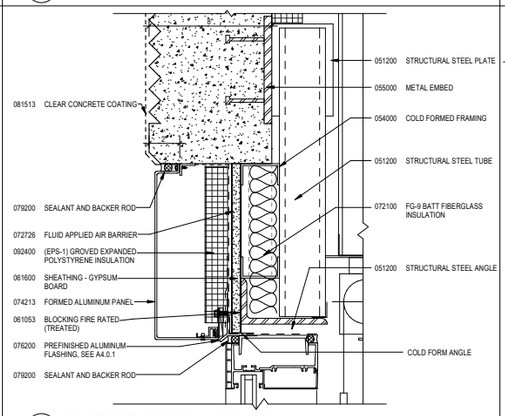
36 CONCRETE FACADE TO BRICK PARAPET
SCALE: 1 1/2" = 1'-0"



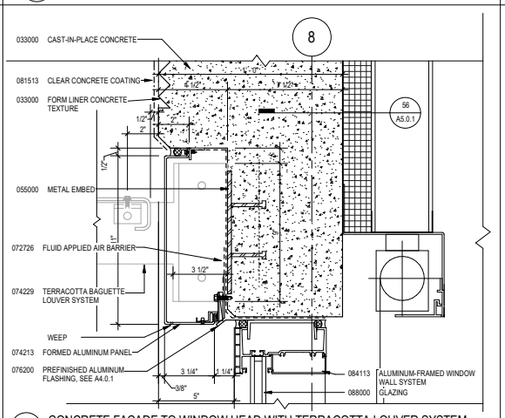
20 CONCRETE FACADE TO PLASTER SOFFIT
SCALE: 1 1/2" = 1'-0"



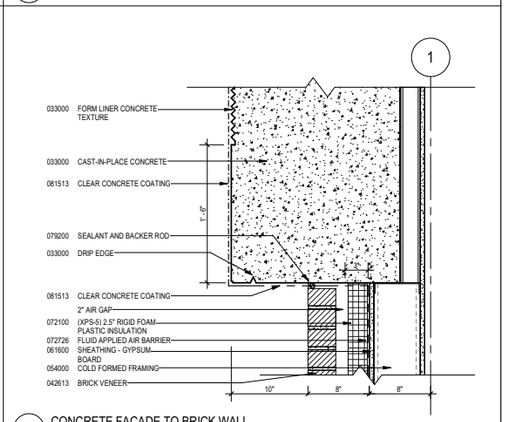
70 BRICK - ON CONCRETE WALL TO CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



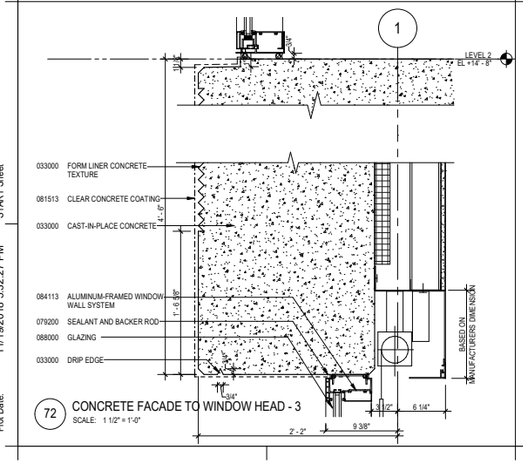
54 CONCRETE FACADE TO WINDOW HEAD
SCALE: 3" = 1'-0"



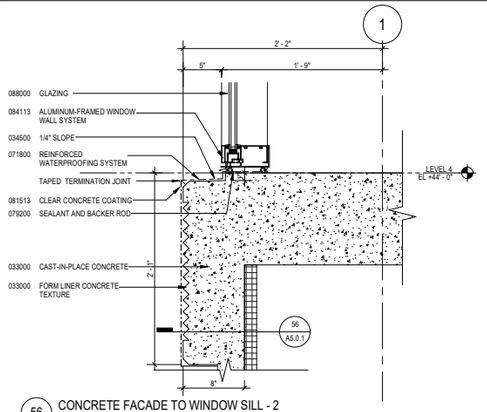
38 CONCRETE FACADE TO WINDOW HEAD WITH TERRACOTTA LOUVER SYSTEM
SCALE: 3" = 1'-0"



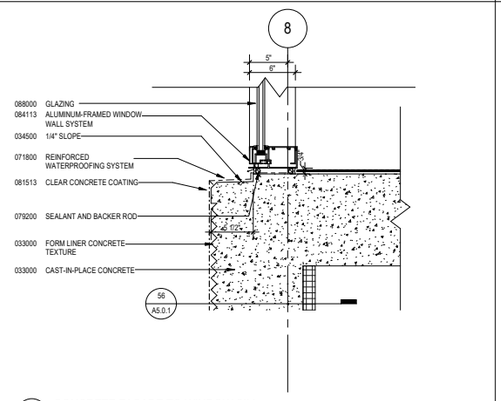
22 CONCRETE FACADE TO BRICK WALL
SCALE: 1 1/2" = 1'-0"



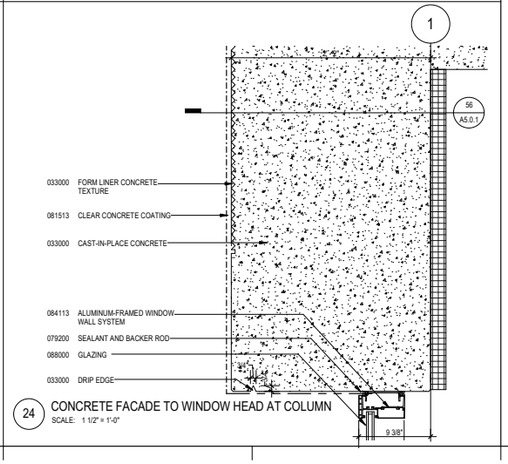
72 CONCRETE FACADE TO WINDOW HEAD - 3
SCALE: 1 1/2" = 1'-0"



56 CONCRETE FACADE TO WINDOW SILL - 2
SCALE: 1 1/2" = 1'-0"



40 CONCRETE FACADE TO WINDOW SILL
SCALE: 1 1/2" = 1'-0"



24 CONCRETE FACADE TO WINDOW HEAD AT COLUMN
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	19 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFFENDERFER
C-8790
6-30-19
REGISTERED
STATE OF CALIFORNIA

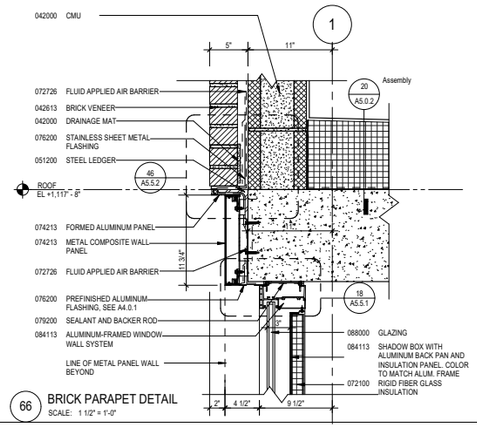
SHEET TITLE
EXTERIOR WALL SECTION DETAILS

PROJECT NUMBER

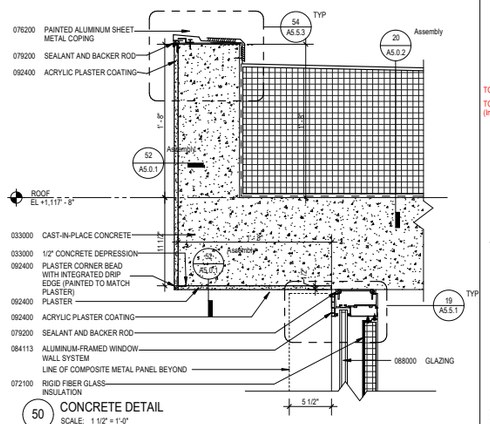
A5.3.1

SHEET NUMBER

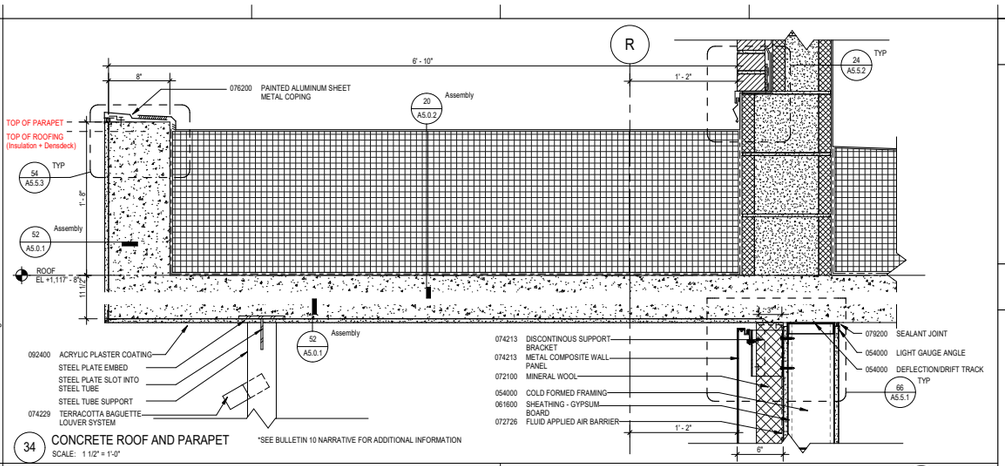
START Sheet
11/19/2018 5:32:27 PM
Plot Date:



66 BRICK PARAPET DETAIL
SCALE: 1 1/2" = 1'-0"

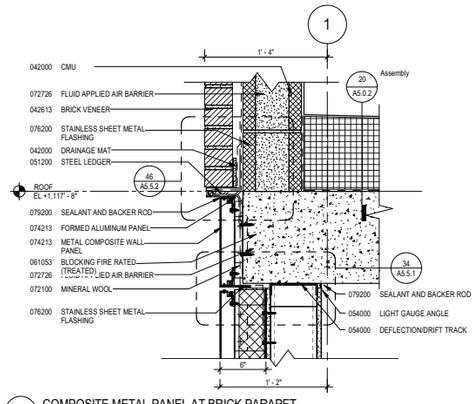


50 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"

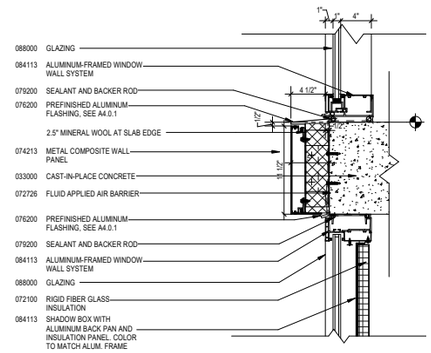


34 CONCRETE ROOF AND PARAPET
SCALE: 1 1/2" = 1'-0"

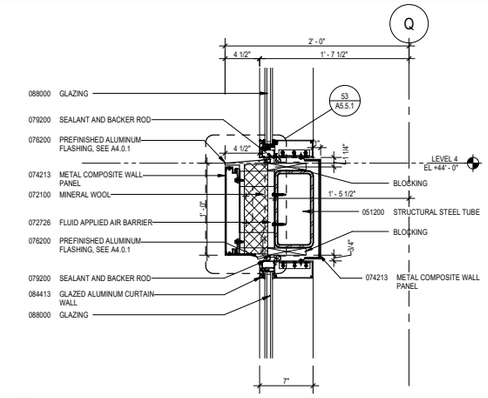
*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION



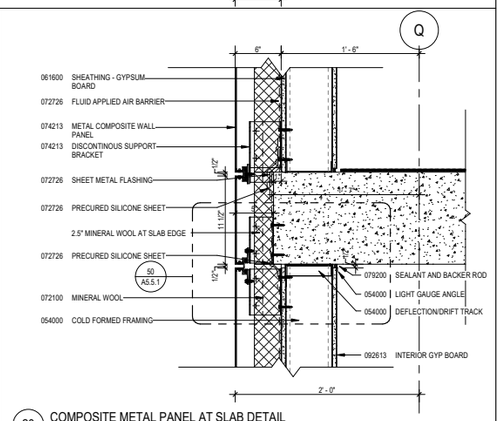
68 COMPOSITE METAL PANEL AT BRICK PARAPET
SCALE: 1 1/2" = 1'-0"



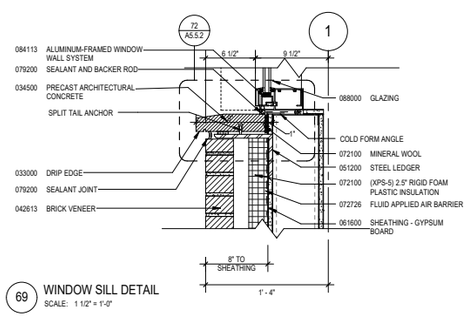
52 COMPOSITE METAL PANEL DETAIL
SCALE: 1 1/2" = 1'-0"



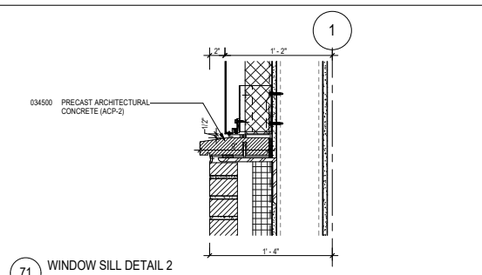
36 METAL PANEL AT CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



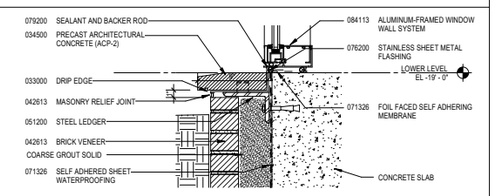
20 COMPOSITE METAL PANEL AT SLAB DETAIL
SCALE: 1 1/2" = 1'-0"



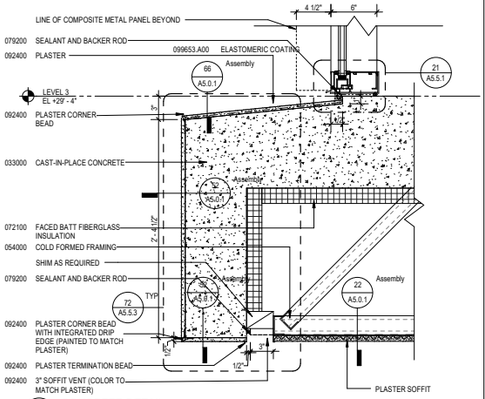
69 WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"



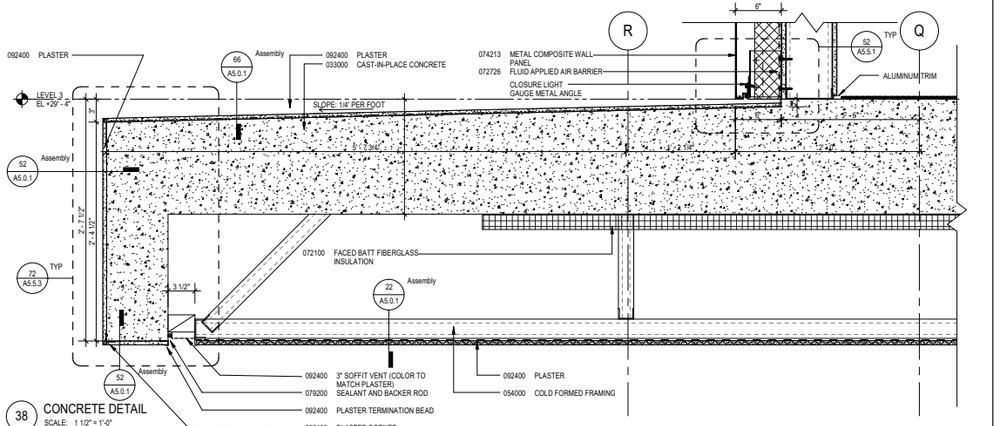
71 WINDOW SILL DETAIL 2
SCALE: 1 1/2" = 1'-0"



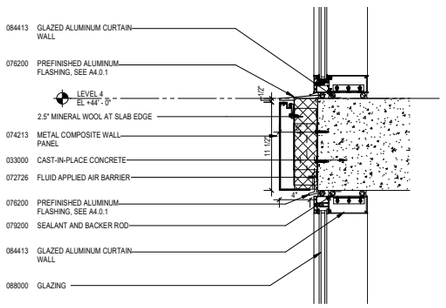
72 BRICK SILL TO CONCRETE SLAB
SCALE: 1 1/2" = 1'-0"



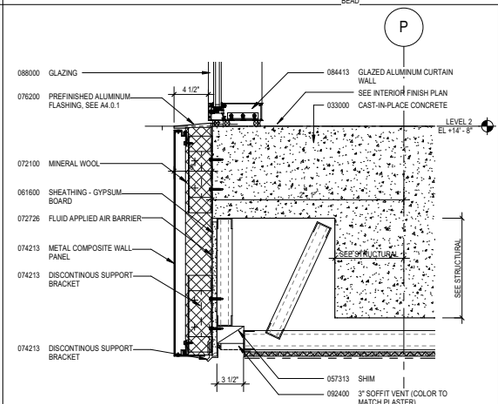
54 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"



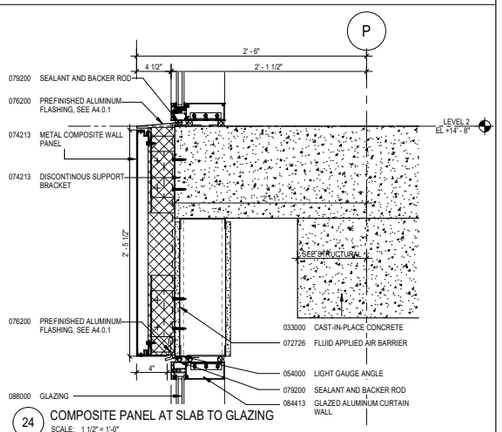
38 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"



56 COMPOSITE PANEL AT CURTAIN WALL 2
SCALE: 1 1/2" = 1'-0"



40 COMPOSITE PANEL AT SLAB TO SOFFIT
SCALE: 1 1/2" = 1'-0"



24 COMPOSITE PANEL AT SLAB TO GLAZING
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	19 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

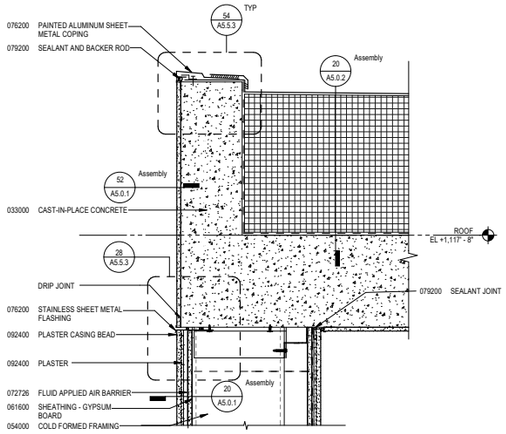
SEALS AND SIGNATURES

LICENSED ARCHITECT — WILLIAM L. DIFERDON — C-8790 — 8-31-19 RENEWAL — STATE OF CALIFORNIA

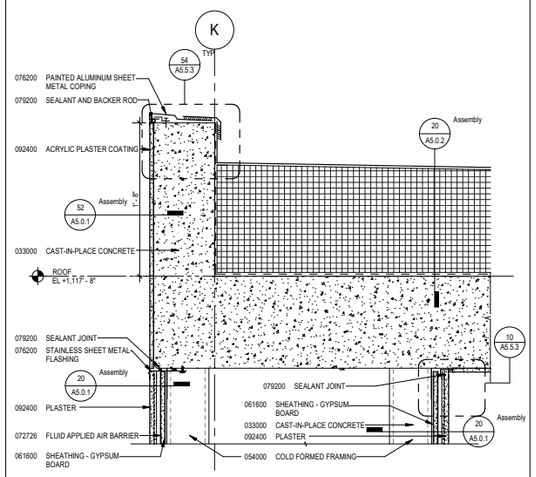
SHEET TITLE
EXTERIOR WALL SECTION DETAILS

PROJECT NUMBER
A5.3.2
SHEET NUMBER

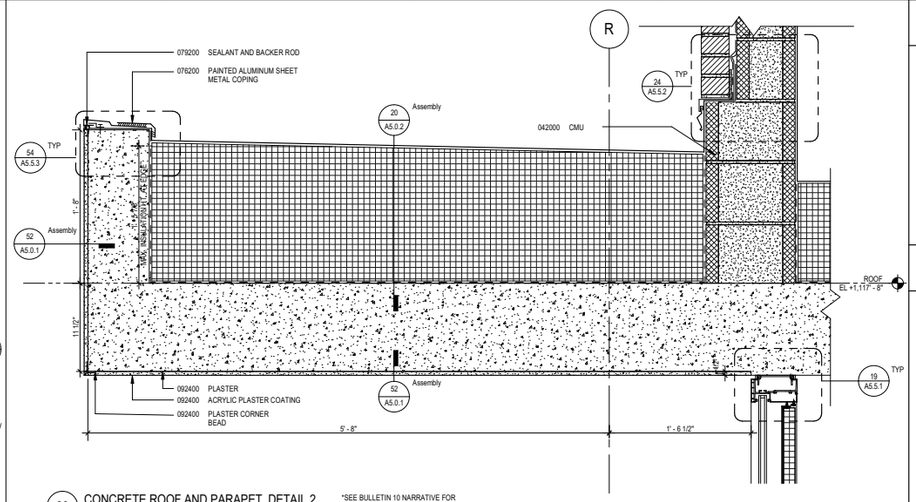
Author
11/19/2018 5:32:49 PM
Plot Date:



66 CONCRETE PARAPET TO PLASTER FIN
SCALE: 1 1/2" = 1'-0"

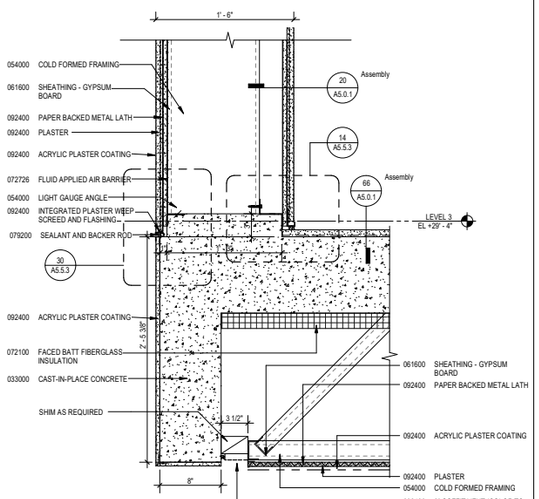


50 CONCRETE ROOF TO PLASTER
SCALE: 1 1/2" = 1'-0"

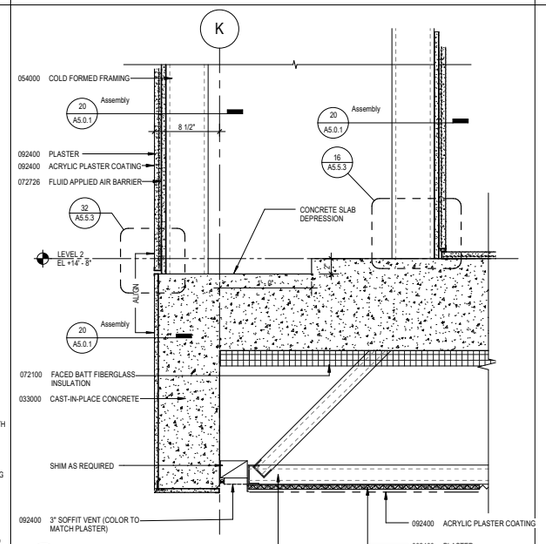


26 CONCRETE ROOF AND PARAPET DETAIL 2
SCALE: 1 1/2" = 1'-0"

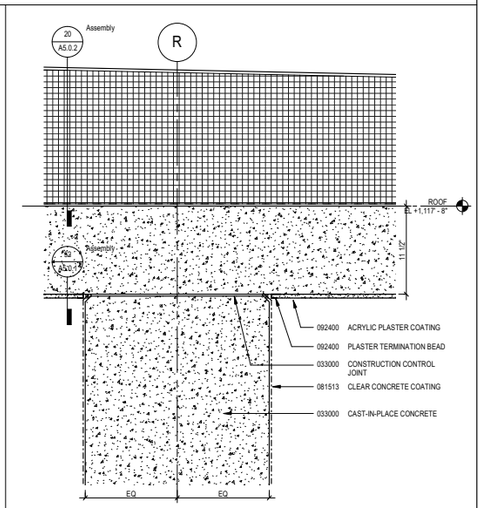
*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION



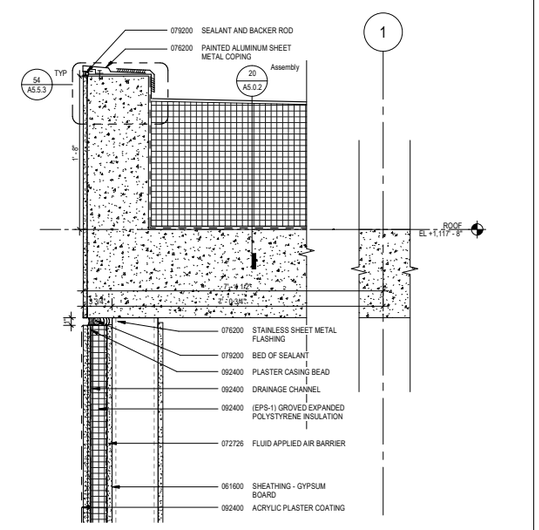
69 CONCRETE TURN DOWN BEAM TO PLASTER FIN DETAIL
SCALE: 1 1/2" = 1'-0"



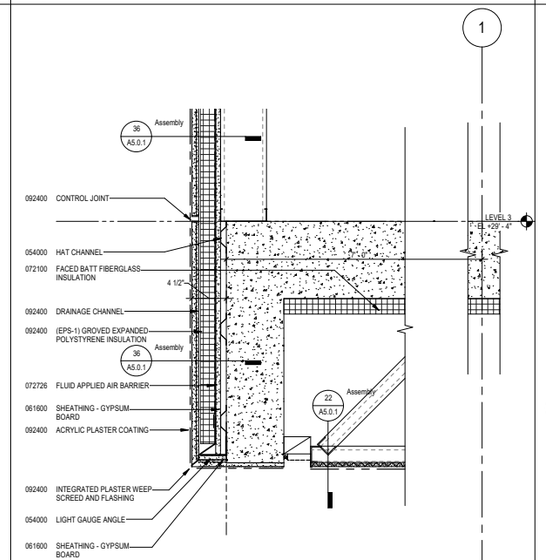
53 CONCRETE SLAB TO PLASTER
SCALE: 1 1/2" = 1'-0"



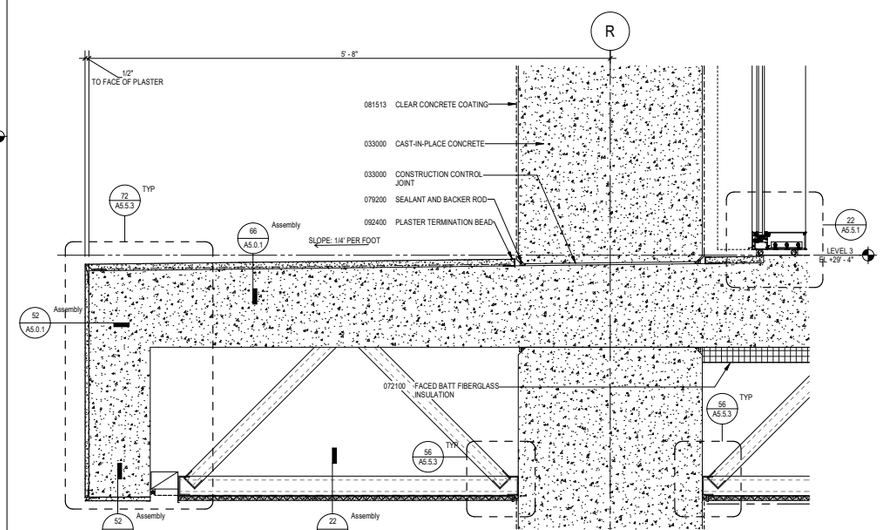
21 CONCRETE ROOF SLAB TO CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"



72 INSULATED PLASTER WALL TO ROOF
SCALE: 1 1/2" = 1'-0"



56 NORTH EXTERIOR PLASTER WALL SECTION
SCALE: 1 1/2" = 1'-0"



32 PLASTER SOFFIT TO CONCRETE COLUMN
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016
DESIGN DEVELOPMENT 100%		19 AUG 2016

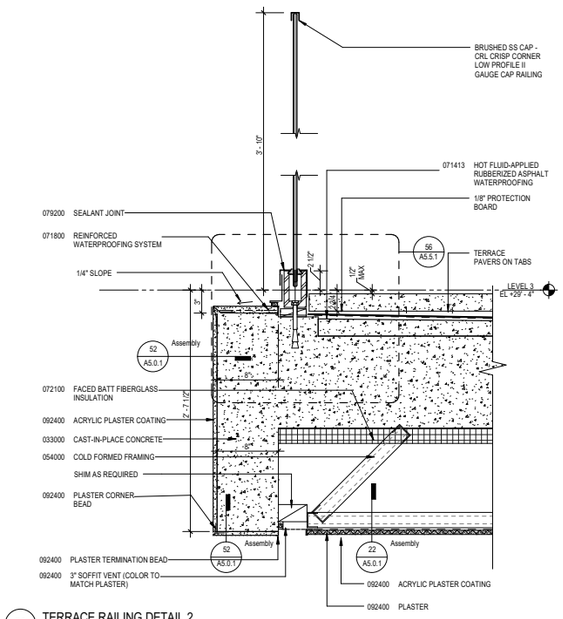
SEALS AND SIGNATURES

LICENSED ARCHITECT — RANJIT L. DEVENDRA — C-8790 — 8-31-19 RENEWAL DATE — STATE OF CALIFORNIA

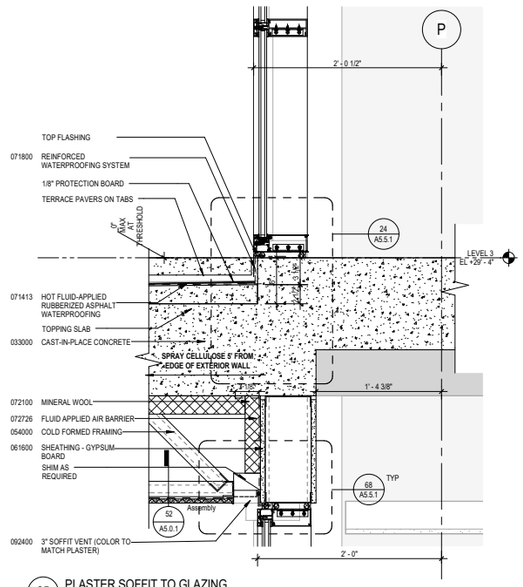
SHEET TITLE
EXTERIOR WALL SECTION DETAILS

PROJECT NUMBER
A5.3.3
SHEET NUMBER

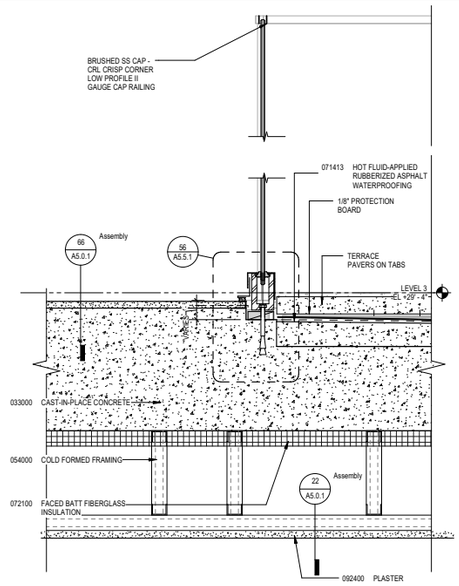
Plot Date: 11/19/2018 5:33:06 PM Author



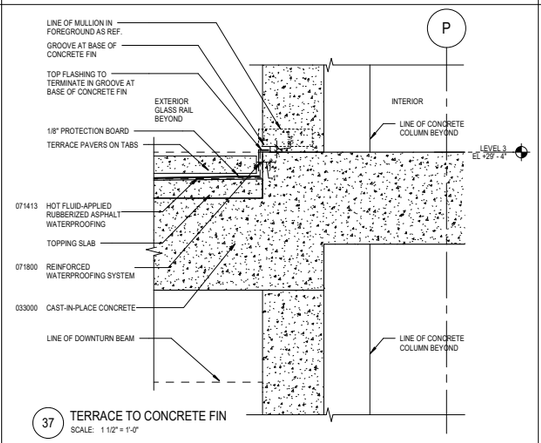
59 TERRACE RAILING DETAIL 2
SCALE: 1 1/2" = 1'-0"



35 PLASTER SOFFIT TO GLAZING
SCALE: 1 1/2" = 1'-0"



19 TERRACE RAILING DETAIL 2
SCALE: 1 1/2" = 1'-0"



37 TERRACE TO CONCRETE FIN
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

SEALS AND SIGNATURES

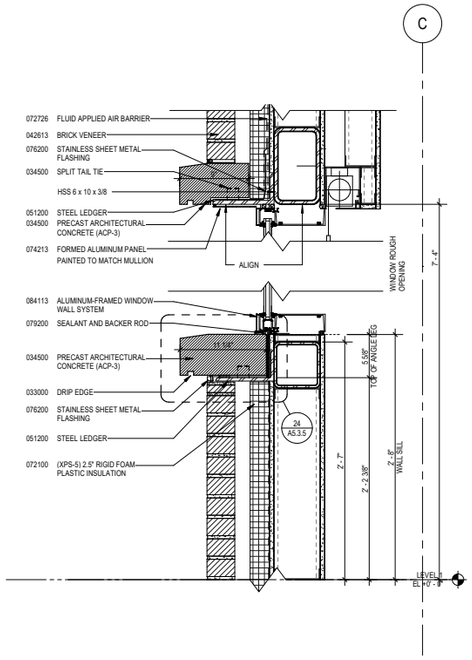
LICENSED ARCHITECT — JINGUANG L. DIEPENBROCK — C-8790 — 8-31-19 RENEWAL — STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR WALL SECTION DETAILS

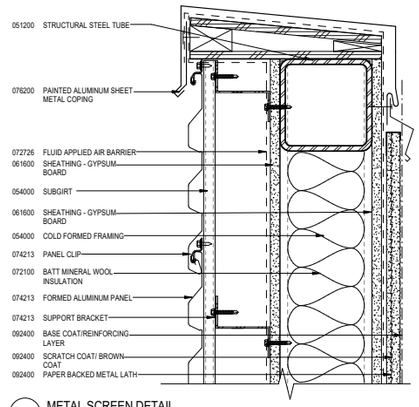
PROJECT NUMBER
A5.3.4

SHEET NUMBER

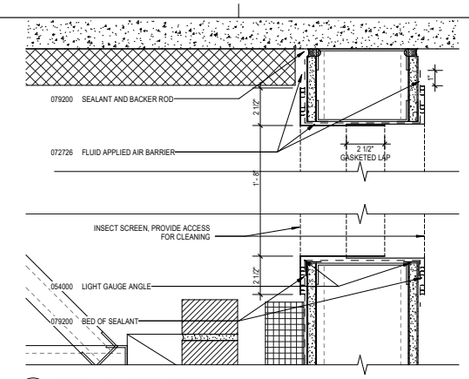
Plot Date: 11/19/2018 5:33:17 PM Author



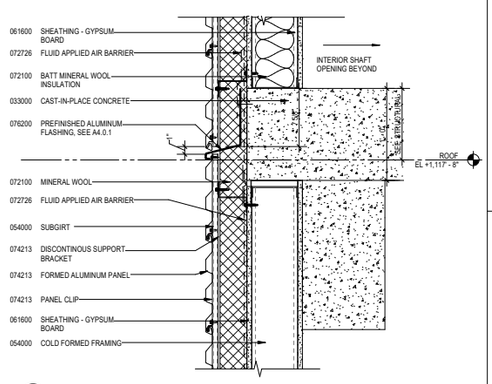
68 GLAZING SILL TO BRICK 2
SCALE: 1 1/2" = 1'-0"



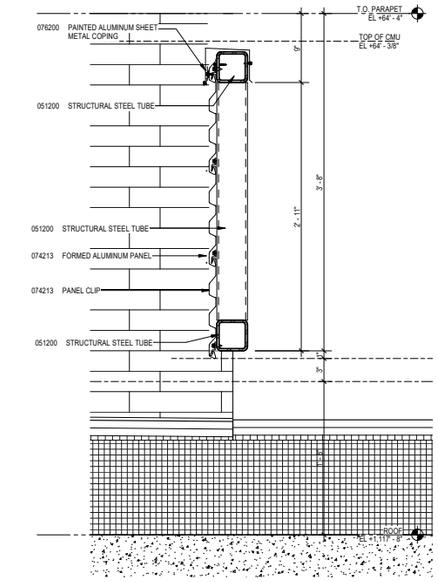
52 METAL SCREEN DETAIL
SCALE: 3" = 1'-0"



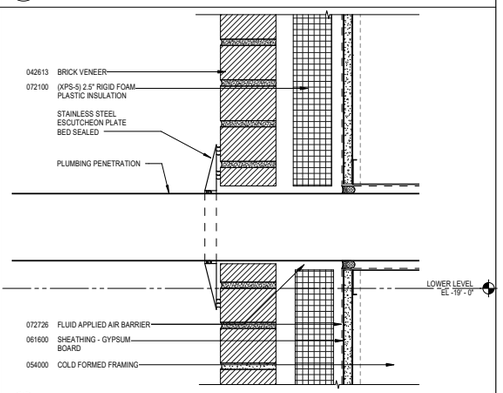
34 MECHANICAL ROOM VENT
SCALE: 3" = 1'-0"



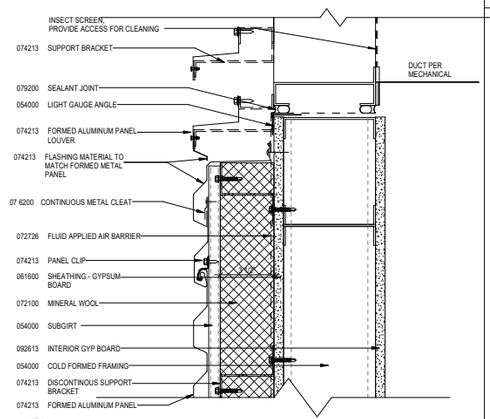
36 METAL SCREEN DETAIL
SCALE: 1 1/2" = 1'-0"



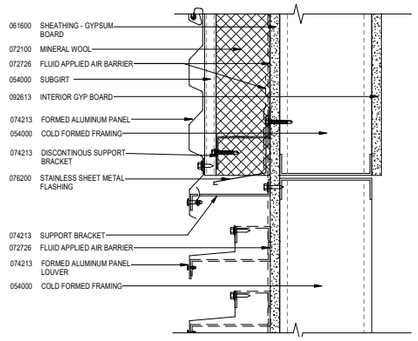
19 LOW METAL SCREEN Copy 1
SCALE: 1 1/2" = 1'-0"



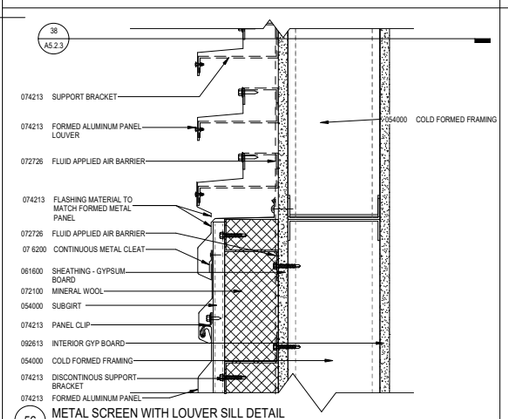
22 PLUMBING PENETRATION IN BRICK
SCALE: 3" = 1'-0"



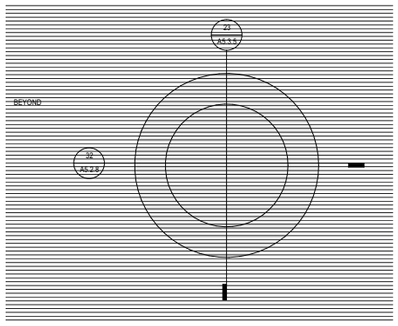
72 METAL SCREEN WITH LOUVER SILL DETAIL WITH VENT
SCALE: 3" = 1'-0"



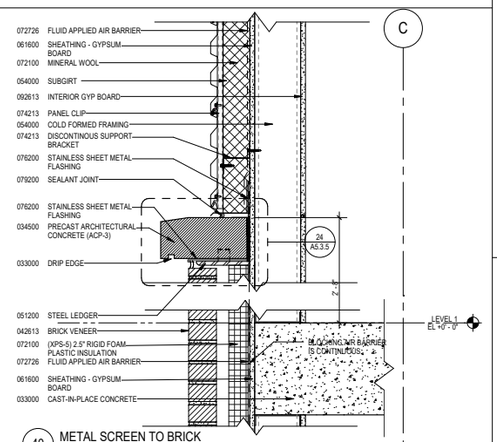
54 METAL SCREEN WITH LOUVER HEAD DETAIL
SCALE: 3" = 1'-0"



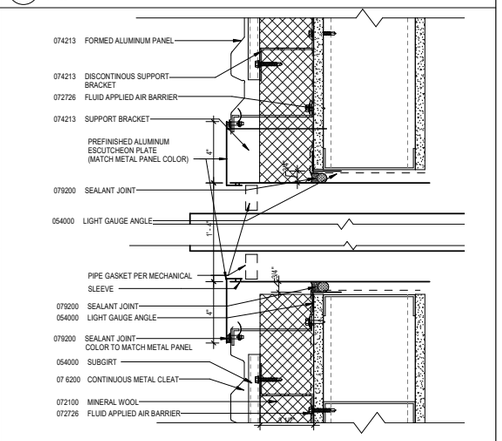
56 METAL SCREEN WITH LOUVER SILL DETAIL
SCALE: 3" = 1'-0"



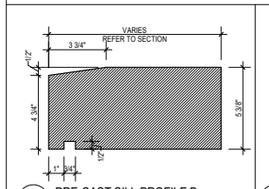
38 QUENCH PIPE ELEVATION
SCALE: 1 1/2" = 1'-0"



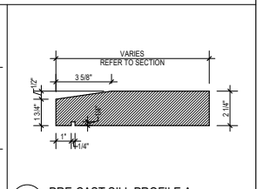
40 METAL SCREEN TO BRICK
SCALE: 1 1/2" = 1'-0"



23 QUENCH PIPE SECTION
SCALE: 3" = 1'-0"



24 PRE-CAST SILL PROFILE B
SCALE: 3" = 1'-0"



16 PRE-CAST SILL PROFILE A
SCALE: 3" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2A - IFC		02 DEC 2016
DP3 - CD 65%		09 NOV 2016

SEALS AND SIGNATURES

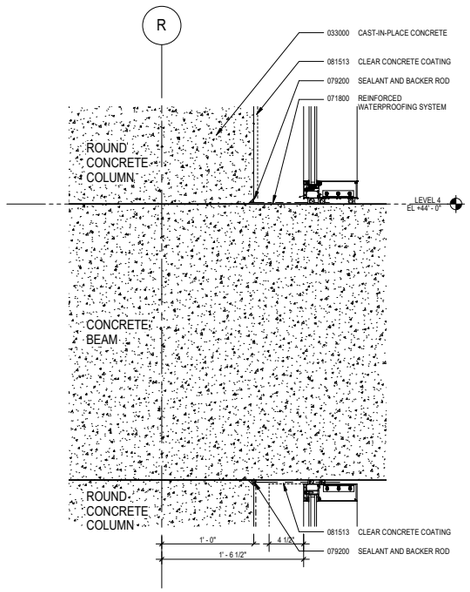
LICENSED ARCHITECT REGISTERED PROFESSIONAL C-8790 9-31-19 RENEWAL STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR WALL SECTION DETAILS

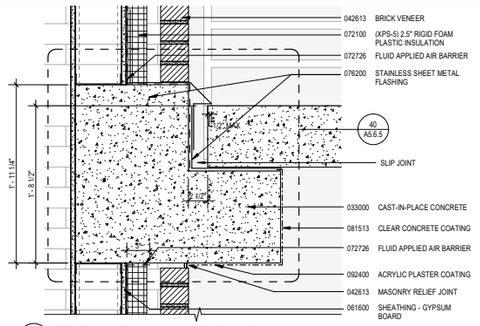
PROJECT NUMBER
A5.3.5

SHEET NUMBER

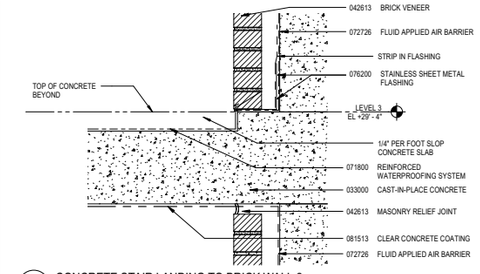
Plot Date: 11/19/2018 5:33:41 PM Author



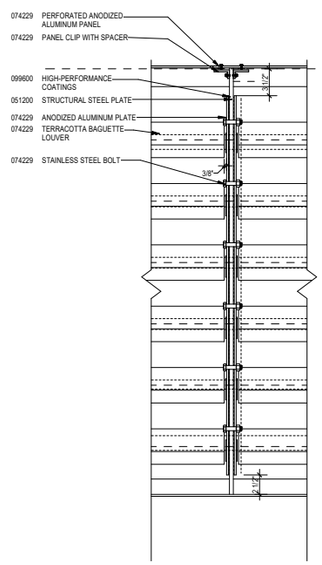
67 CONCRETE BEAM TO GLAZING
SCALE: 1 1/2" = 1'-0"



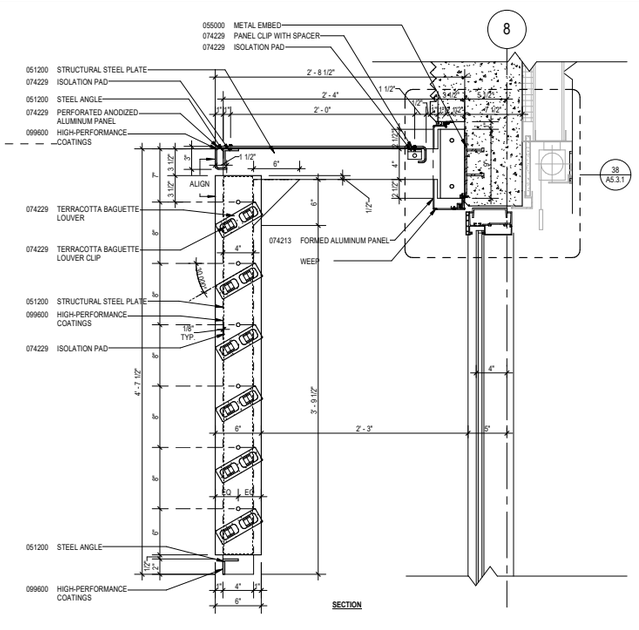
50 CONCRETE STAIR LANDING TO BRICK WALL
SCALE: 1 1/2" = 1'-0"



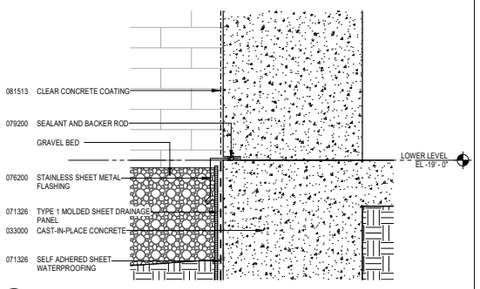
51 CONCRETE STAIR LANDING TO BRICK WALL 2
SCALE: 1 1/2" = 1'-0"



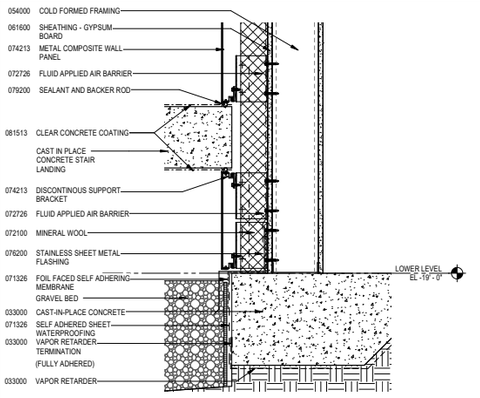
35 TERRACOTTA LOUVER SYSTEM ELEVATION
SCALE: 1 1/2" = 1'-0"



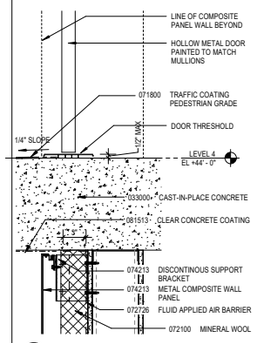
19 TERRACOTTA LOUVER SYSTEM SECTION
SCALE: 1 1/2" = 1'-0"



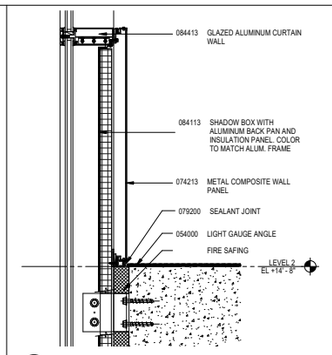
69 EXPOSED SLAB ON GRADE TO CONCRETE WALL
SCALE: 1 1/2" = 1'-0"



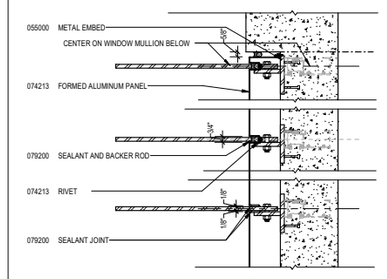
53 CONCRETE STAIR LANDING TO COMPOSITE PANEL WALL
SCALE: 1 1/2" = 1'-0"



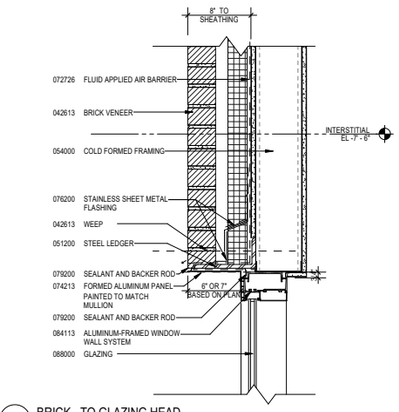
37 CONCRETE LANDING TO DOOR SILL
SCALE: 1 1/2" = 1'-0"



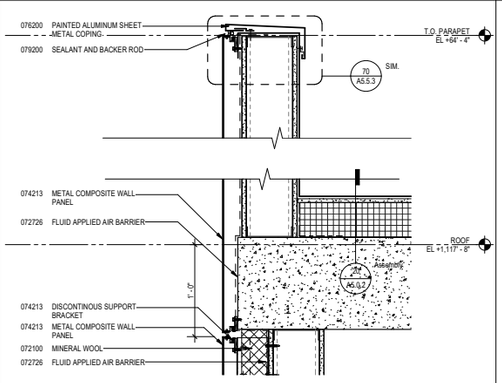
29 SHADOW BOX TO SLAB
SCALE: 1 1/2" = 1'-0"



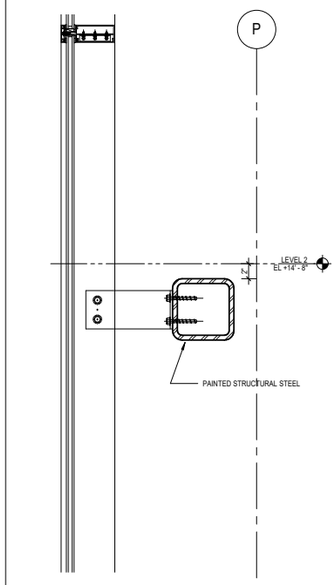
13 TERRACOTTA LOUVER SYSTEM PLAN
SCALE: 1 1/2" = 1'-0"



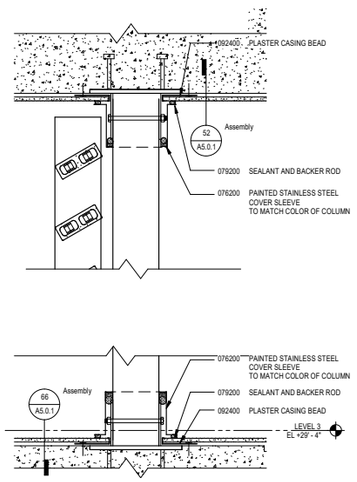
71 BRICK - TO GLAZING HEAD
SCALE: 1 1/2" = 1'-0"



55 COMPOSITE PANEL PARAPET
SCALE: 1 1/2" = 1'-0"



32 ENTRY CURTAIN WALL TO BEAM
SCALE: 1 1/2" = 1'-0"



16 EAST TERRA COTTA SYSTEM CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

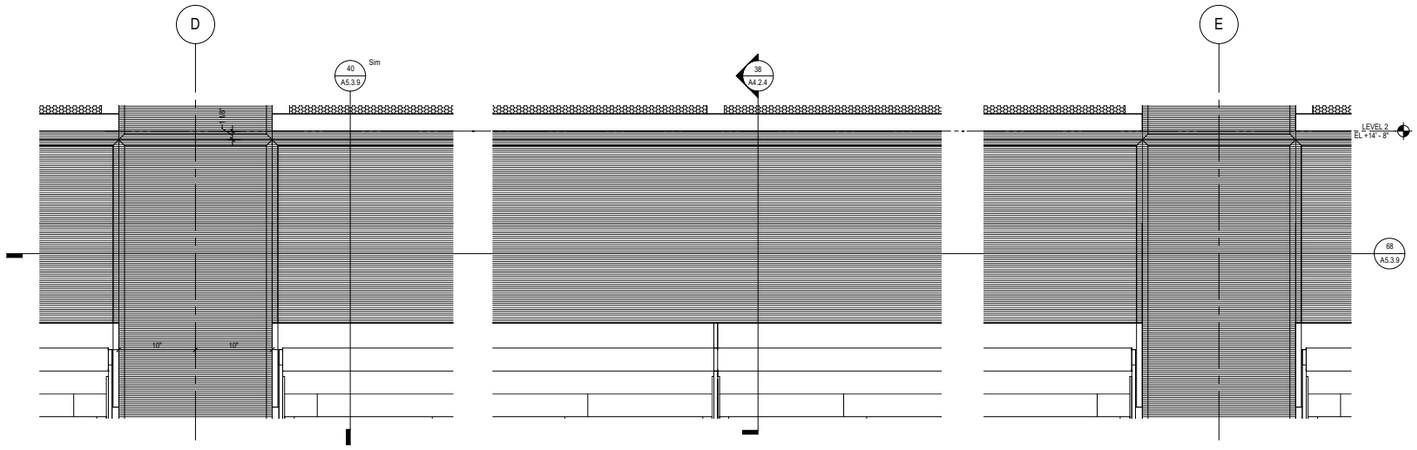
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM I. DIEDERICH C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

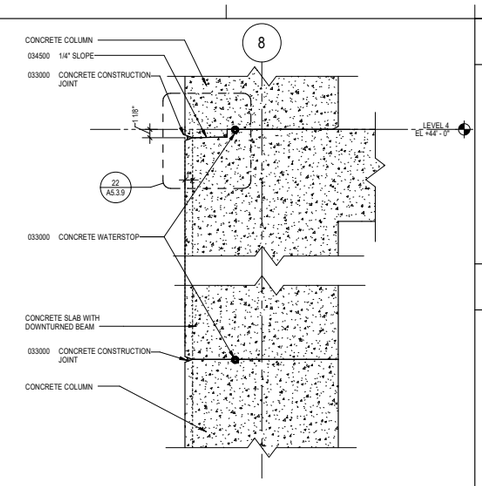
SHEET TITLE
EXTERIOR WALL SECTION DETAILS

PROJECT NUMBER
A5.3.6
SHEET NUMBER

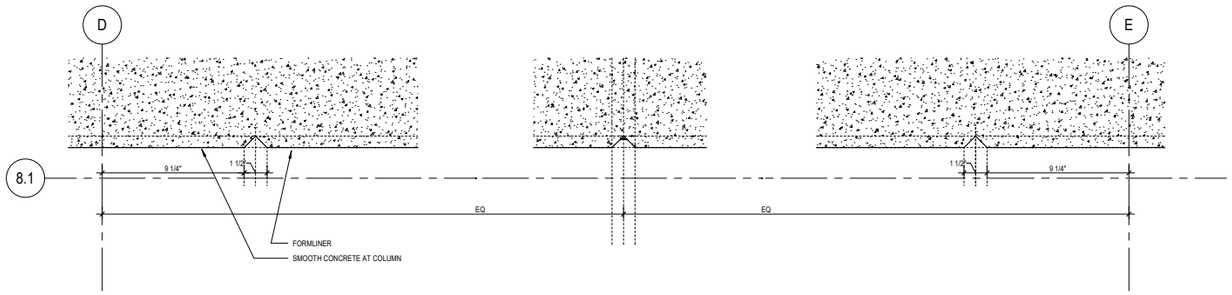
Author
Plot Date: 11/19/2018 5:34:03 PM



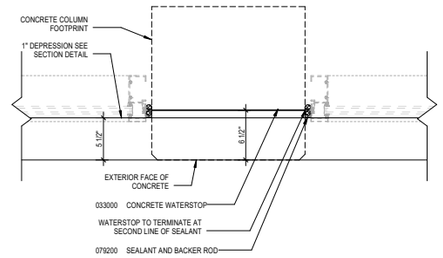
66 CONCRETE FORMLINER
SCALE: 1 1/2" = 1'-0"



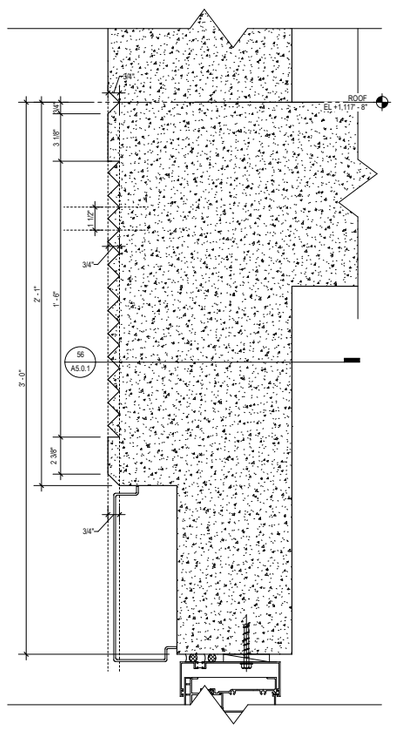
18 CONCRETE CONSTRUCTION JOINTS AT COLUMN
SCALE: 1 1/2" = 1'-0"



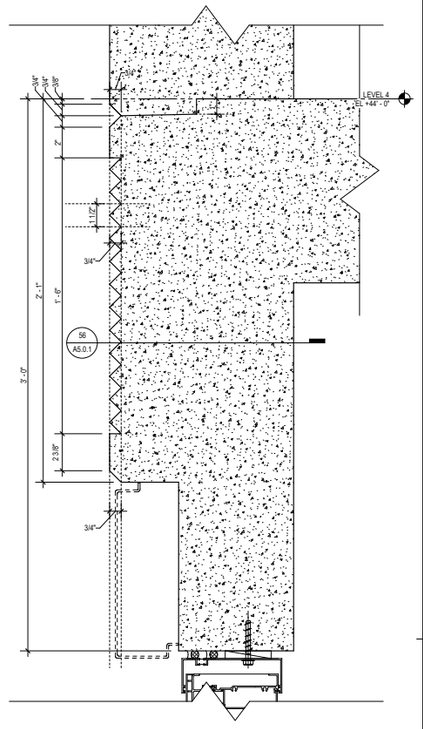
68 FORMED CONCRETE FACE PLAN
SCALE: 3" = 1'-0"



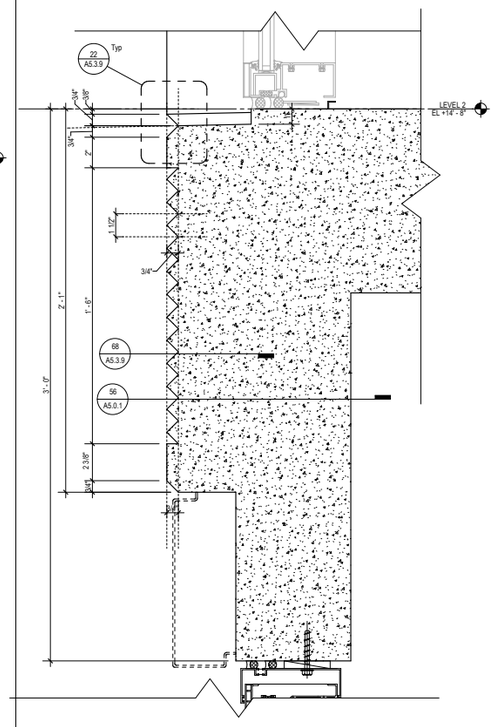
20 CONCRETE CONSTRUCTION JOINT AT COLUMN PLAN
SCALE: 1 1/2" = 1'-0"



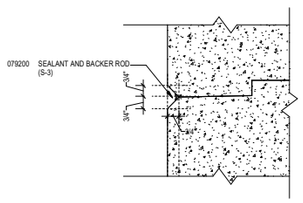
72 FORMED CONCRETE FACE AT HEAD AT ROOF
SCALE: 3" = 1'-0"



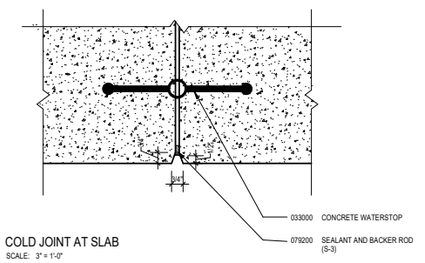
56 FORMED CONCRETE FACE AT HEAD
SCALE: 3" = 1'-0"



40 FORMED CONCRETE FACE AT SILL
SCALE: 3" = 1'-0"



22 HORIZONTAL CONCRETE CONSTRUCTION JOINT
SCALE: 3" = 1'-0"



24 COLD JOINT AT SLAB
SCALE: 3" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	19 JAN 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

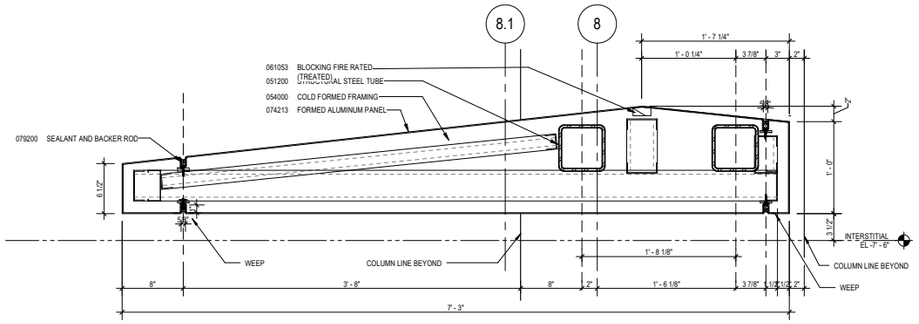
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENDERFER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

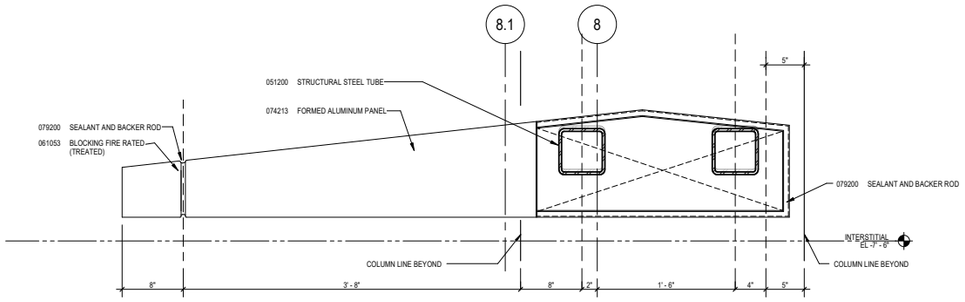
SHEET TITLE
EXTERIOR WALL SECTION DETAILS

PROJECT NUMBER
A5.3.9
SHEET NUMBER

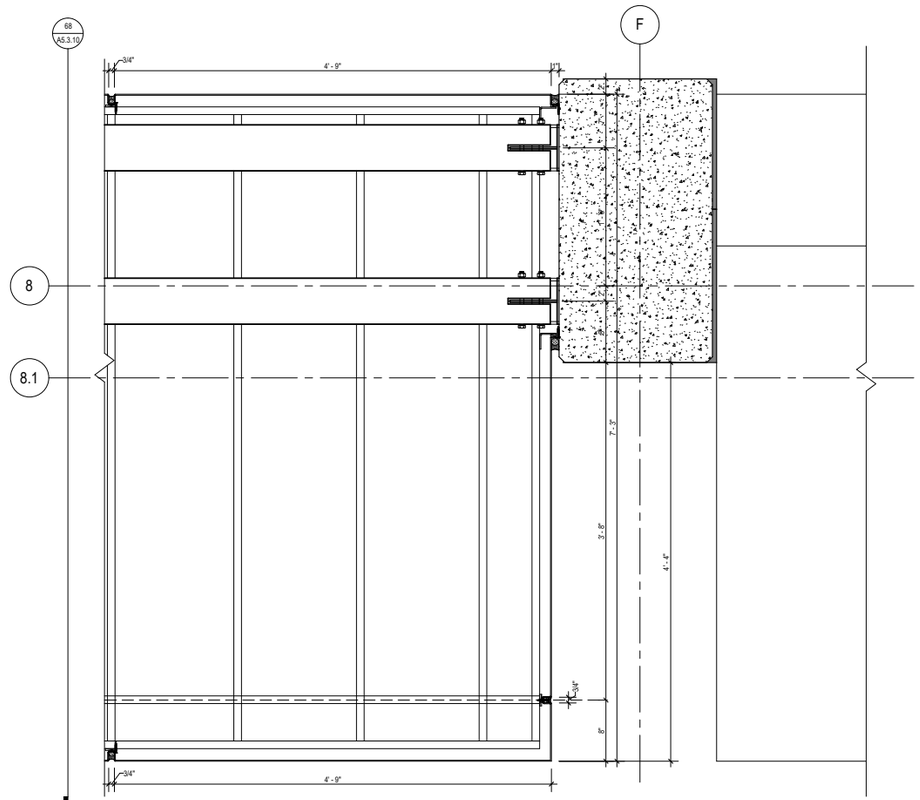
Plot Date: 11/19/2018 5:34:22 PM Author



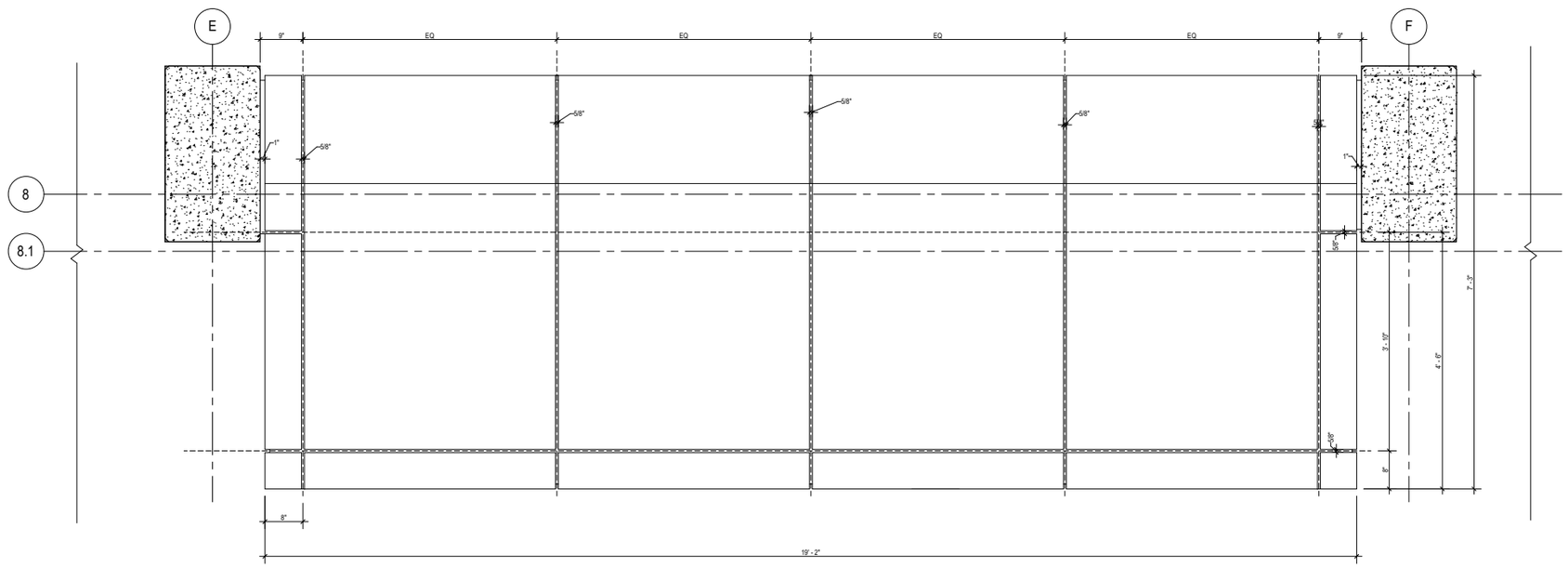
66 METAL CANOPY SECTION
SCALE: 1 1/2" = 1'-0"



68 METAL CANOPY ELEVATION
SCALE: 1 1/2" = 1'-0"



36 METAL CANOPY PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



72 METAL CANOPY PLAN
SCALE: 1" = 1'-0"

GENERAL SHEET NOTES

1. PLAN DETAILS ARE CALLED OUT ON THE OVERALL FLOOR PLANS (A2 SERIES).
2. SECTION DETAILS ARE CALLED OUT ON THE WALL SECTIONS (A4.3.X SERIES).
3. ALL EXPOSED FLASHING AND LIGHT GAUGE METAL TO BE PAINTED
4. ROOF DETAILS ARE CALLED OUT ON THE OVERALL ROOF PLAN
5. FOR BELOWGRADE DETAILS, SEE DP-2B IFC
6. SEE FLASHING DETAILS ON A5.6 SERIES
7. SEE A9 SERIES FOR DETAILS AND DIMENSIONS PERTAINING TO INTERIOR SOFFITS AND WINDOW SHADES

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

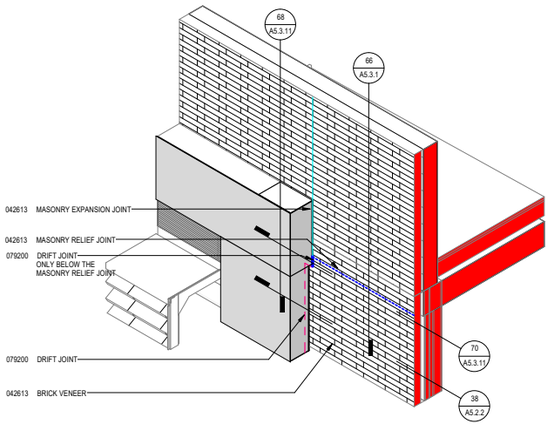
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM I. DIFERDON C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

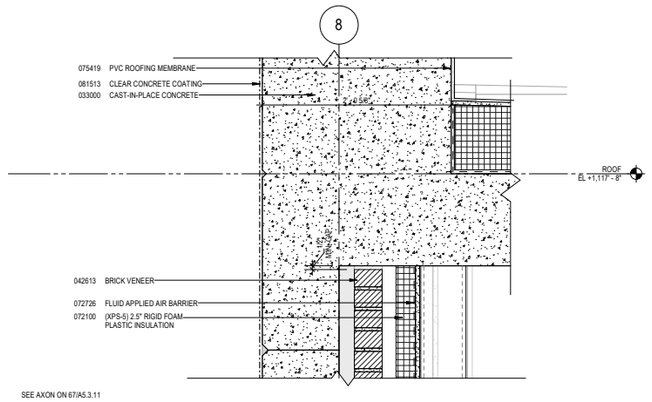
SHEET TITLE
EXTERIOR WALL SECTION DETAILS

PROJECT NUMBER
A5.3.10
SHEET NUMBER

Plot Date: 11/19/2018 5:34:32 PM Author

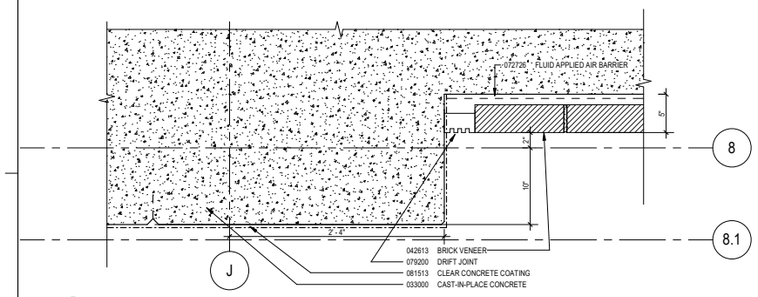


67 J8 FIN TERMINATION
SCALE:

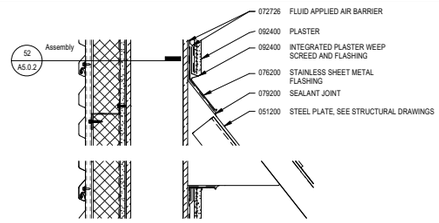


SEE AXON ON 67/A5.3.11

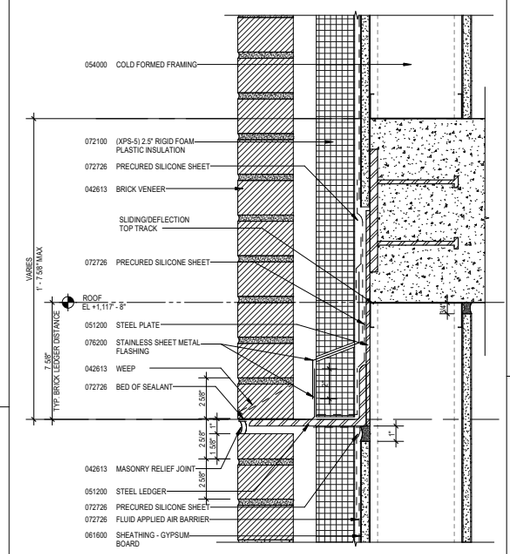
68 TERMINATION OF CONCRETE FIN AT ROOF
SCALE: 1 1/2" = 1'-0"



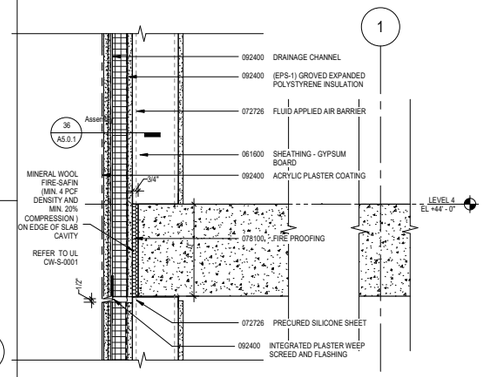
70 PLAN DETAIL OF FIN TERMINATION AND DRIFT JOINT
SCALE: 1 1/2" = 1'-0"



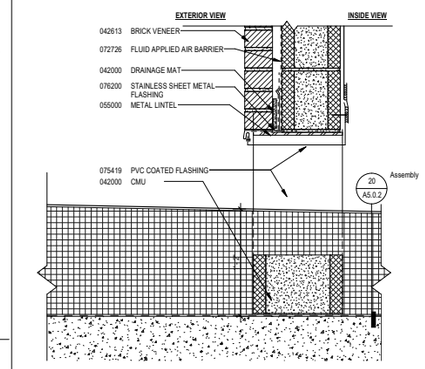
71 SECTION DETAIL METAL PANEL AT WALL SUPPORT
SCALE: 1 1/2" = 1'-0"



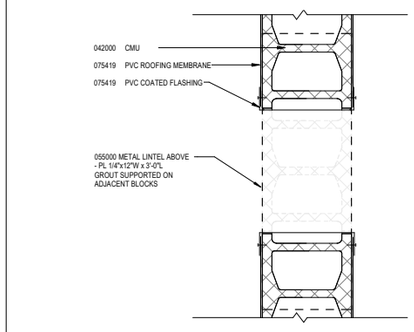
42 HORIZONTAL BRICK JOINT AT WEST ROOF LEVEL
SCALE: 3" = 1'-0"



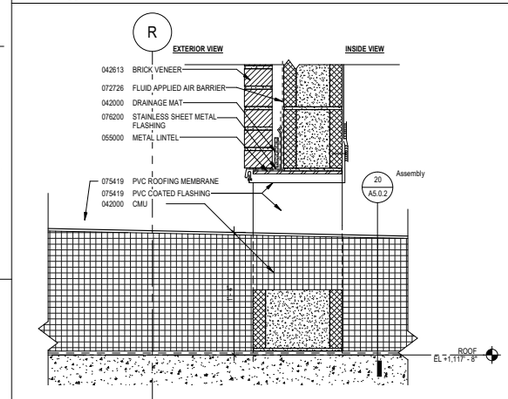
46 PLASTER TRANSITION AT 4TH LEVEL SLAB V2
SCALE: 1 1/2" = 1'-0"



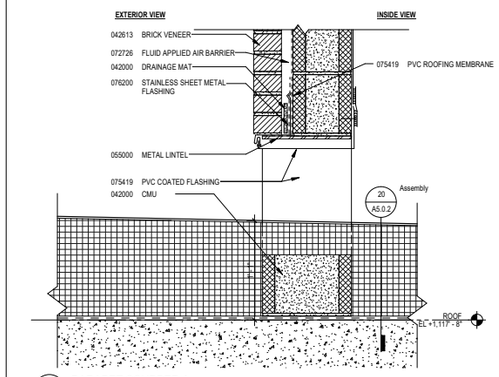
26 PARAPET SCUPPER D
SCALE: 1 1/2" = 1'-0"



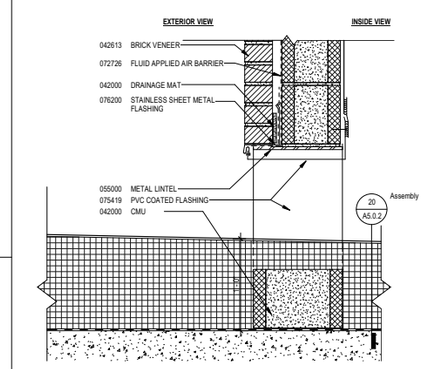
10 PARAPET SCUPPER PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



28 PARAPET SCUPPER E
SCALE: 1 1/2" = 1'-0"



12 PARAPET SCUPPER A
SCALE: 1 1/2" = 1'-0"



30 PARAPET SCUPPER F
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017

SEALS AND SIGNATURES

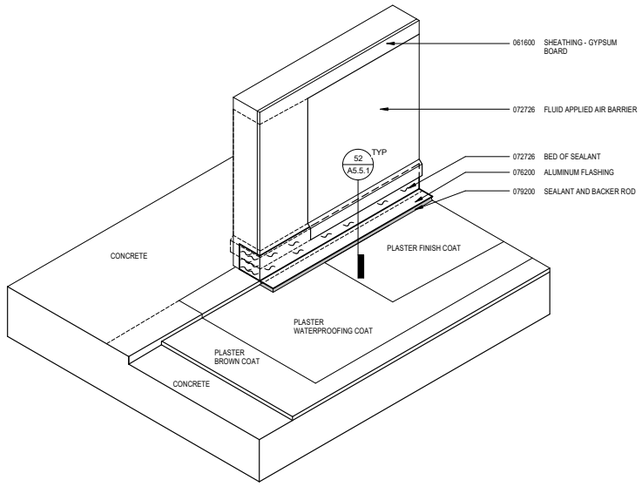
LICENSED ARCHITECT
WILLIAM L. DIFENDERFER
C-8790
8-31-19
RENEWAL DATE
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR WALL SECTION DETAILS

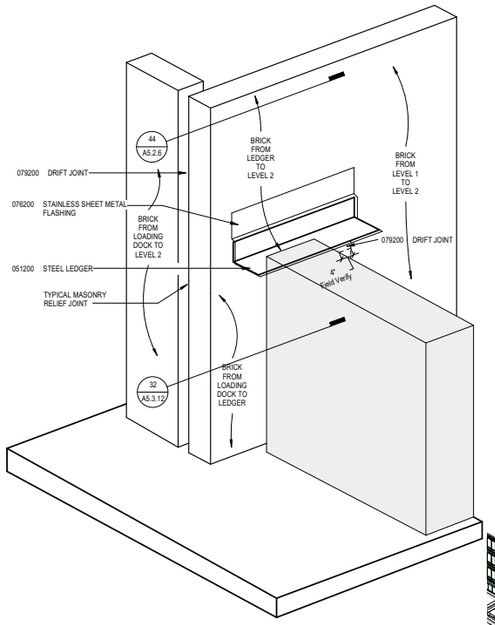
PROJECT NUMBER
A5.3.11

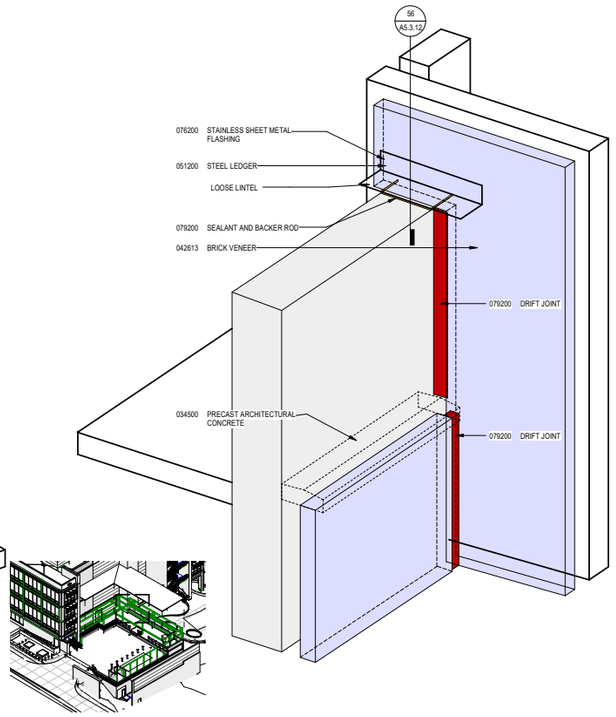
SHEET NUMBER

Author
Plot Date: 11/19/2018 5:34:51 PM

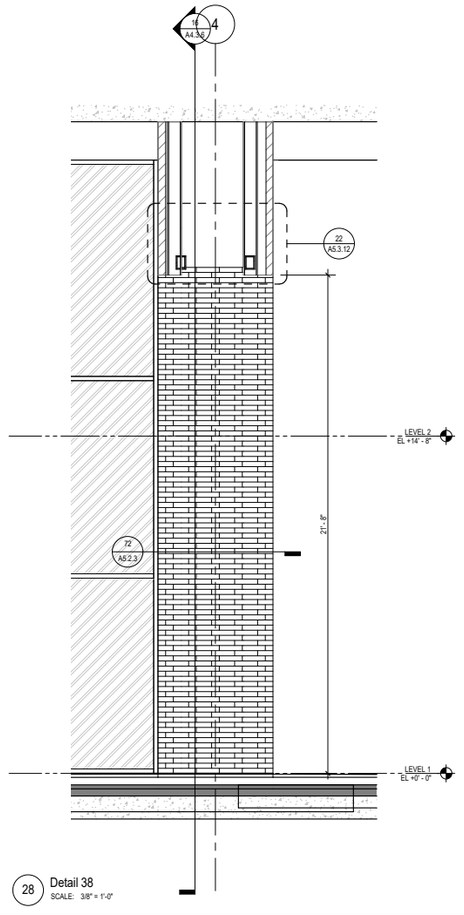


51 Window Jamb to Plaster Ledge Flashing
SCALE: NOT TO SCALE

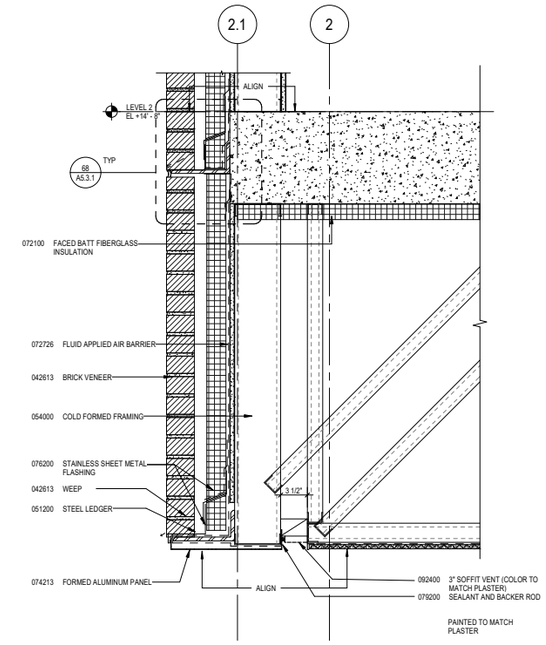




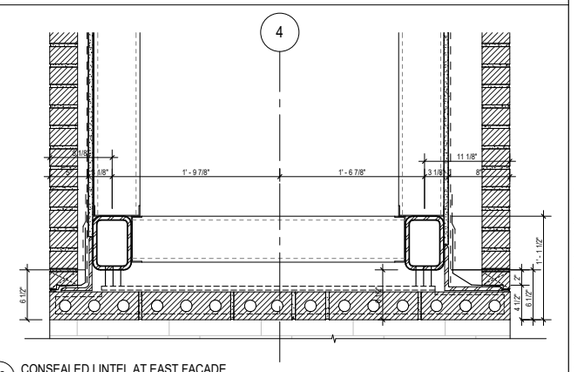
72 Flashing Trabsition Brick To Concrete At Loading Dock v2
SCALE: 3" = 1'-0"



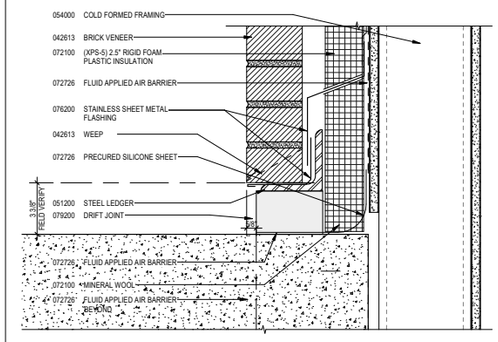
28 Detail 38
SCALE: 3/8" = 1'-0"



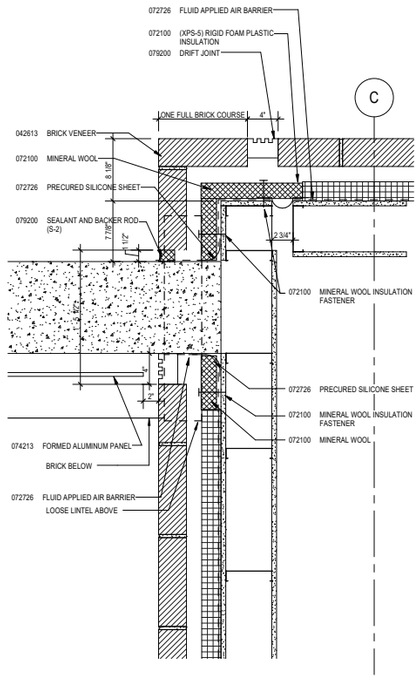
11 BRICK LINTEL AT LOADING DOCK
SCALE: 1 1/2" = 1'-0"



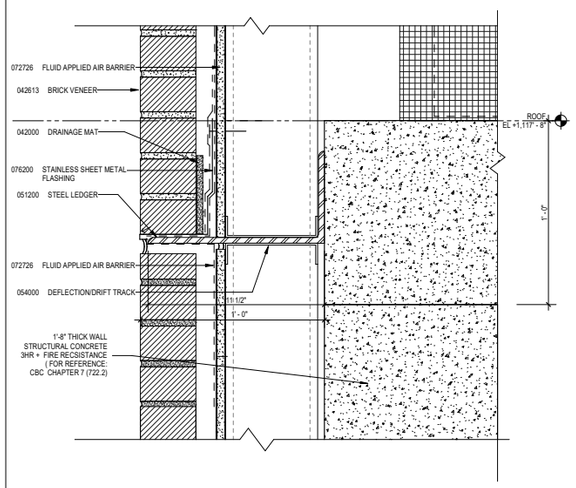
22 CONSEALED LINTEL AT EAST FACADE
SCALE: 1 1/2" = 1'-0"



56 Flashing Trabsition Brick To Concrete At Loading Dock Section
SCALE: 3" = 1'-0"



32 Flashing Trabsition Brick To Concrete At Loading Dock Plan Detail
SCALE: 1 1/2" = 1'-0"



24 BRICK PARAPET AT NORTH WEST FIN
SCALE: 3" = 1'-0"

Author
Plot Date: 11/19/2018 5:35:07 PM

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

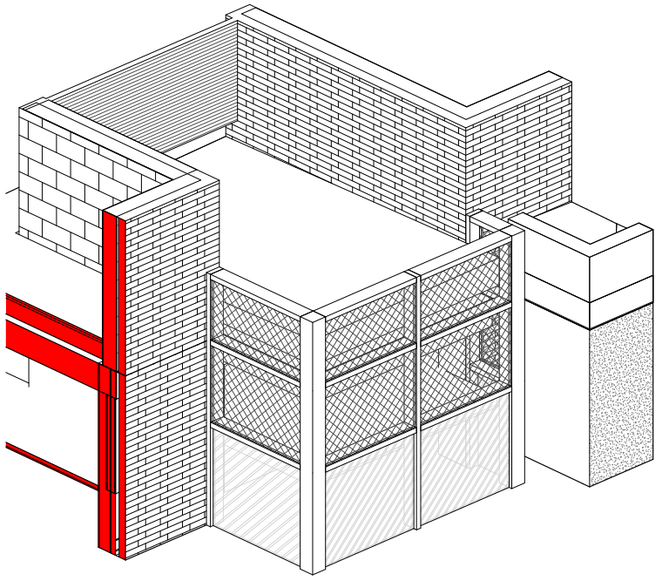
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017

SEALS AND SIGNATURES

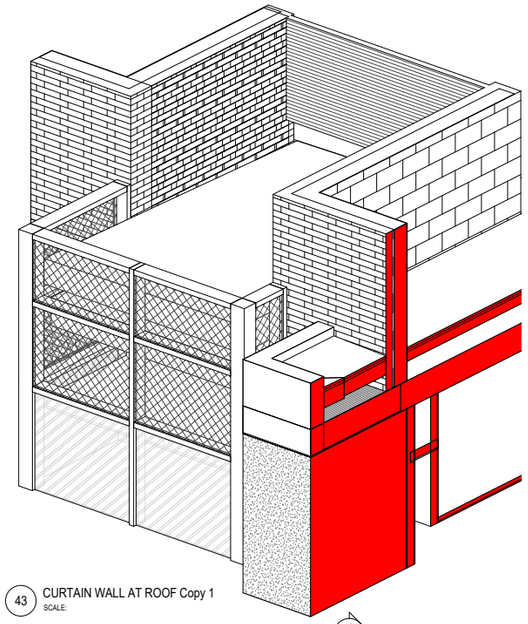
LICENSED ARCHITECT WILLIAM L. DIFENDERFER C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR WALL SECTION DETAILS

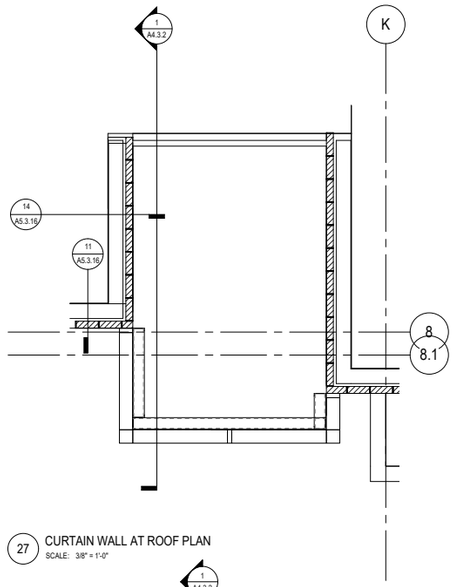
PROJECT NUMBER
A5.3.12
SHEET NUMBER



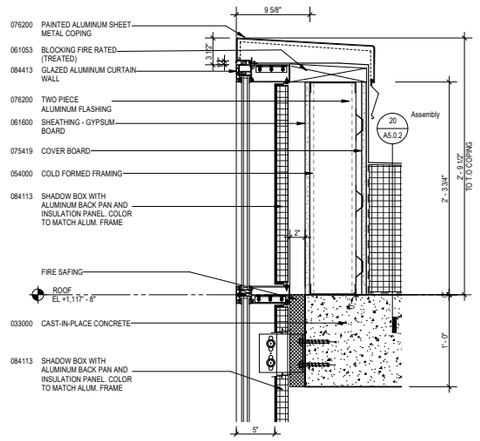
67 CURTAIN WALL AT ROOF
SCALE:



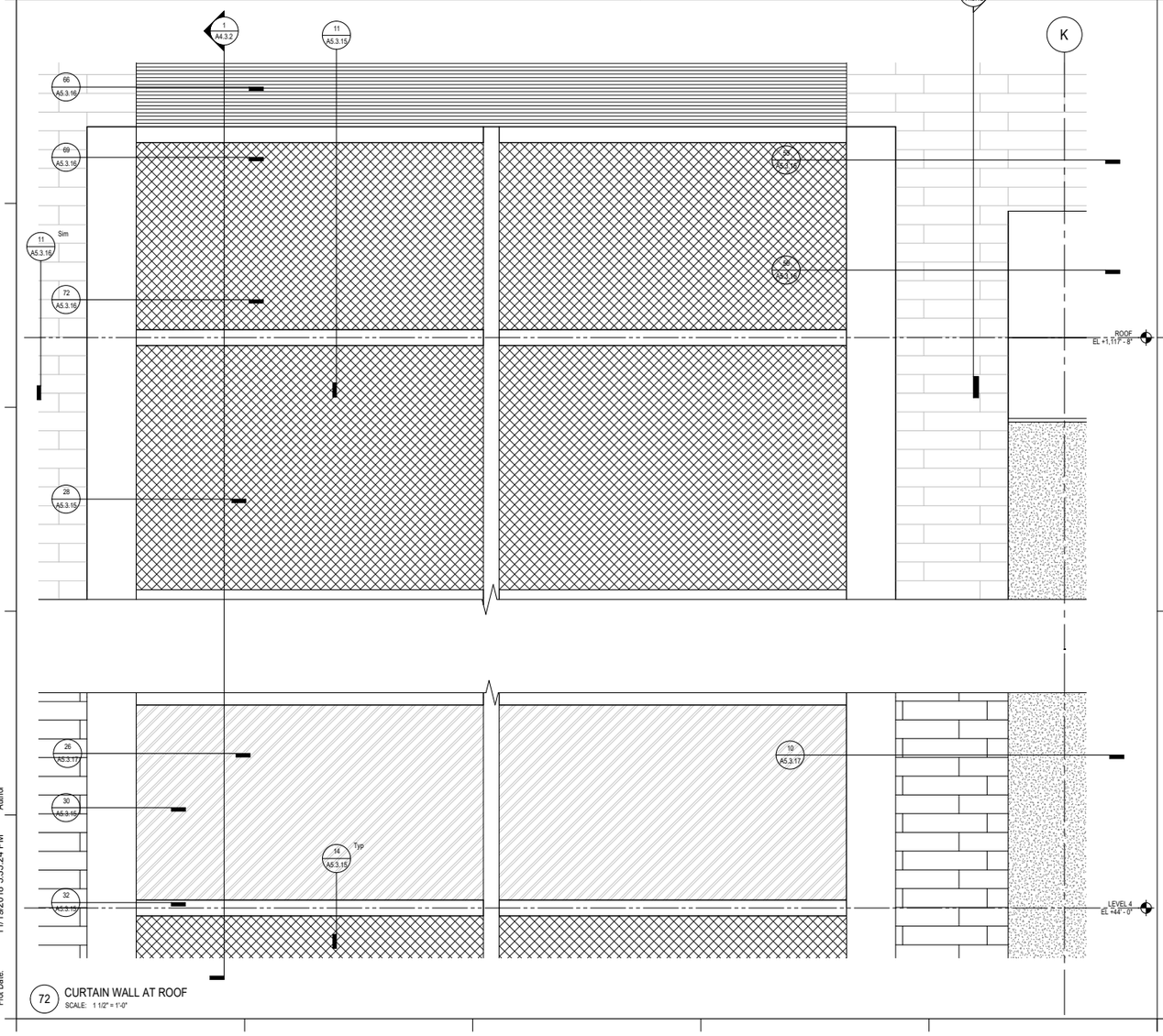
43 CURTAIN WALL AT ROOF Copy 1
SCALE:



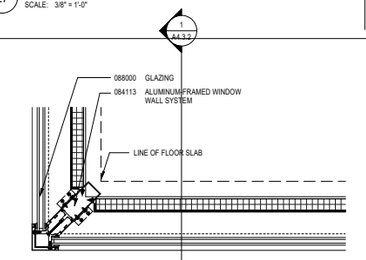
27 CURTAIN WALL AT ROOF PLAN
SCALE: 3/8" = 1'-0"



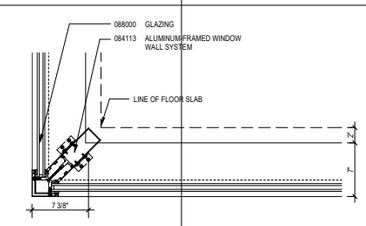
11 CURTAIN WALL PARAPET
SCALE: 1 1/2" = 1'-0"



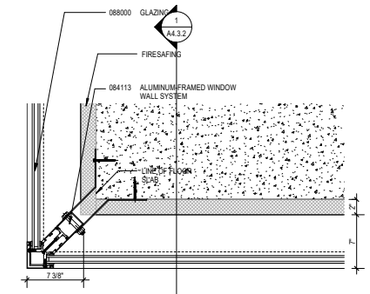
72 CURTAIN WALL AT ROOF
SCALE: 1 1/2" = 1'-0"



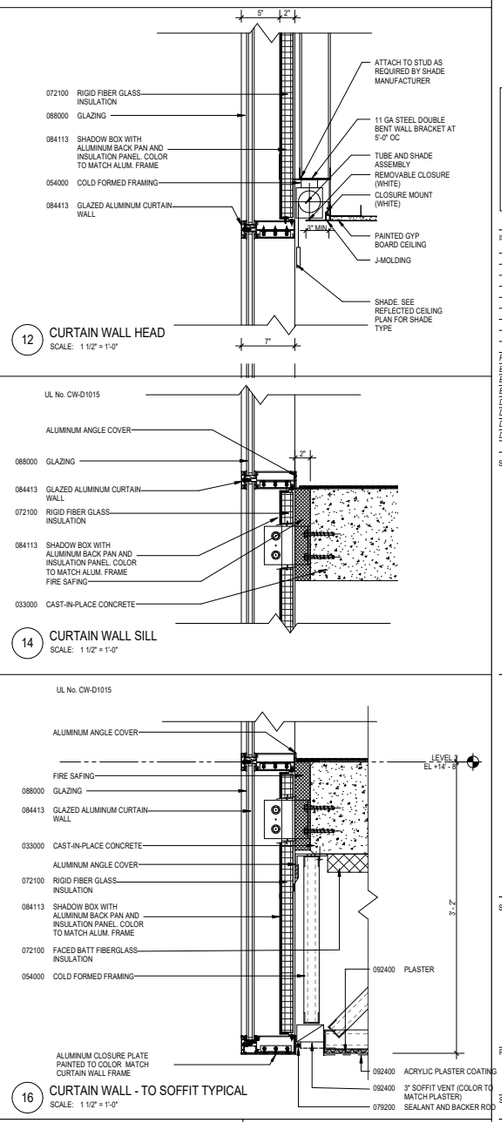
28 CURTAIN WALL SHADOW BOX CORNER TYP.
SCALE: 1 1/2" = 1'-0"



30 CURTAIN WALL CORNER TYP.
SCALE: 1 1/2" = 1'-0"



32 CURTAIN WALL CORNER AT SLAB
SCALE: 1 1/2" = 1'-0"



12 CURTAIN WALL HEAD
SCALE: 1 1/2" = 1'-0"

14 CURTAIN WALL SILL
SCALE: 1 1/2" = 1'-0"

16 CURTAIN WALL - TO SOFFIT TYPICAL
SCALE: 1 1/2" = 1'-0"

Author

1/1/19/2018 5:35:24 PM

Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

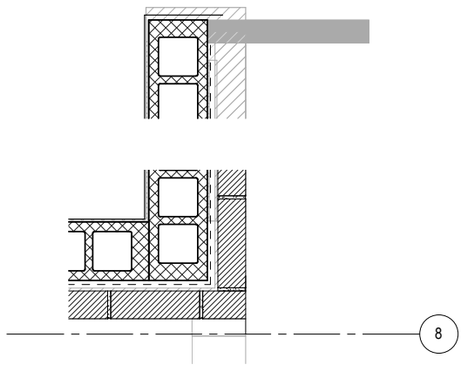
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

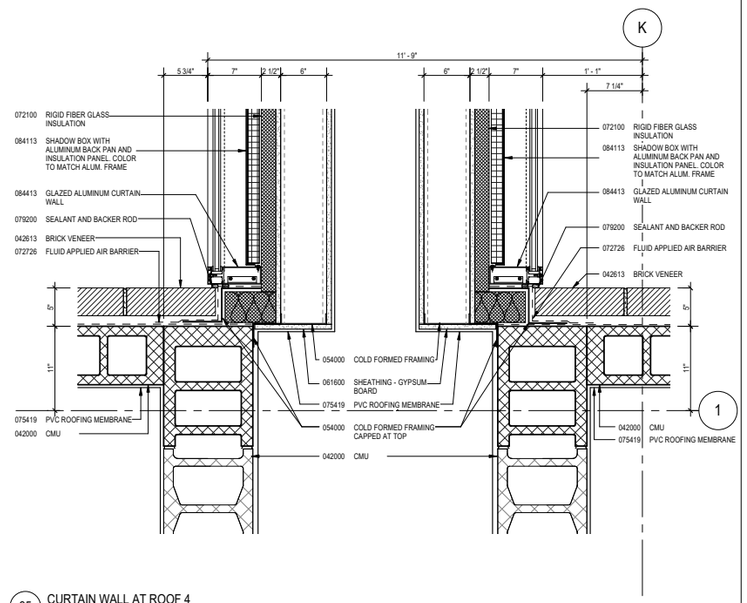
LICENSED ARCHITECT
WILLIAM L. DIEDERICH
C-8790
8-31-19
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR ENLARGED DETAILS

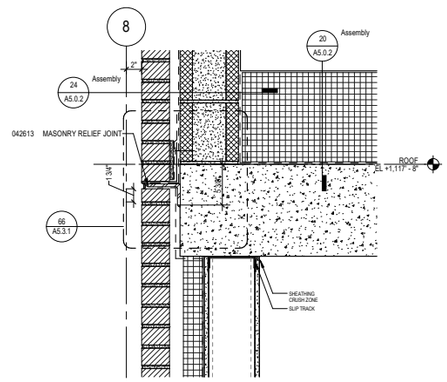
PROJECT NUMBER
A5.3.15
SHEET NUMBER



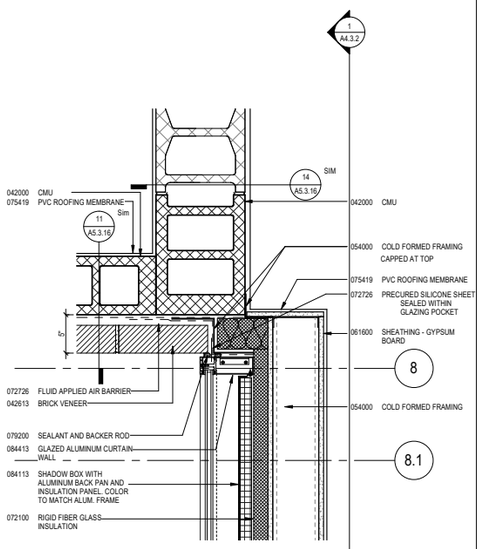
66 CURTAIN WALL AT ROOF 3
SCALE: 1 1/2" = 1'-0"



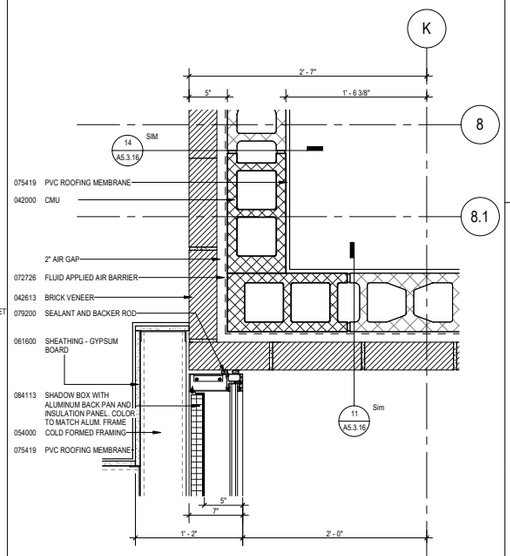
35 CURTAIN WALL AT ROOF 4
SCALE: 1 1/2" = 1'-0"



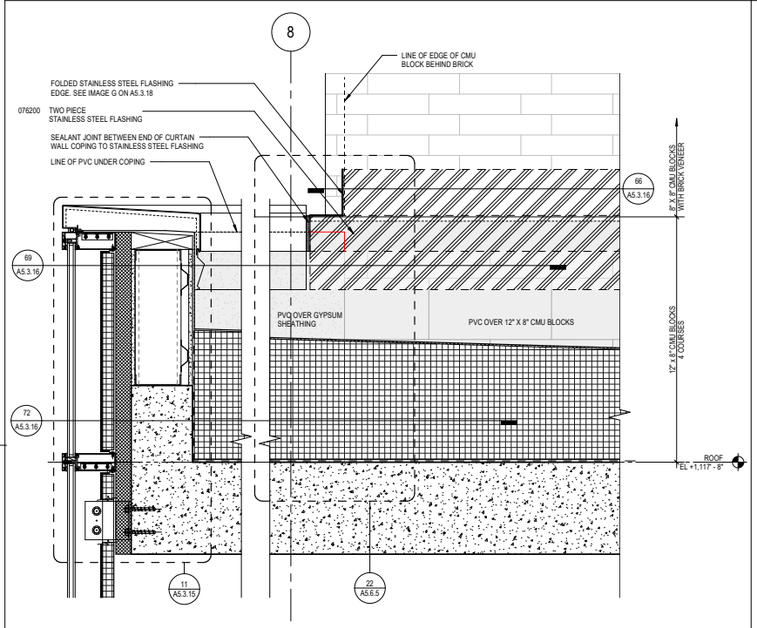
11 BRICK PARAPET AT ROOF SLAB
SCALE: 1 1/2" = 1'-0"



69 CURTAIN WALL AT ROOF 1
SCALE: 1 1/2" = 1'-0"

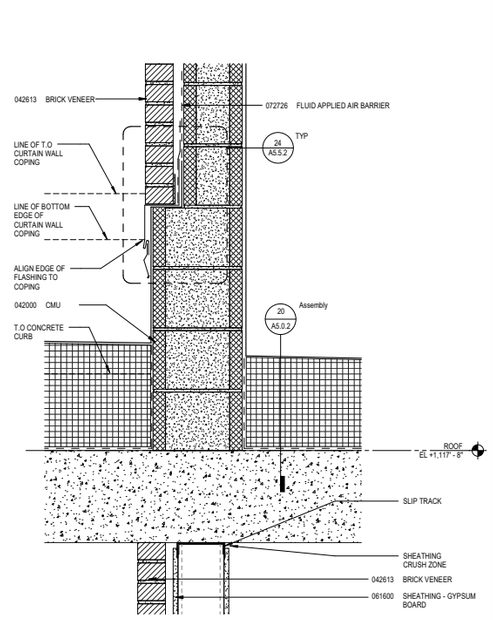


53 BRICK PARAPET TO CURTAIN WALL 2
SCALE: 1 1/2" = 1'-0"

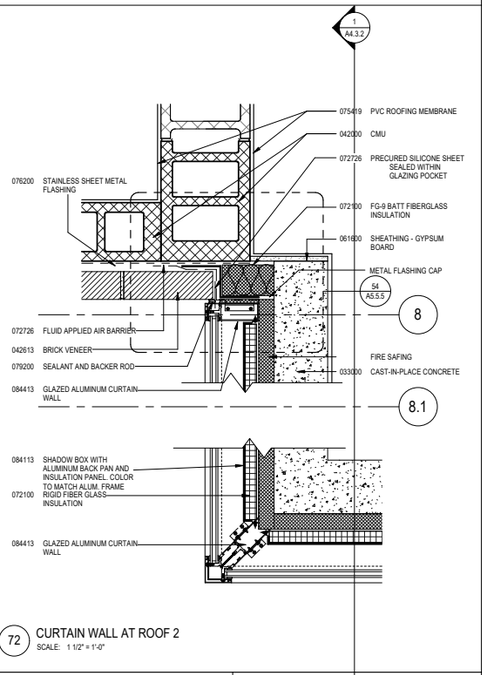


38 CURTAIN WALL TO BRICK MASONRY WALL
SCALE: 1 1/2" = 1'-0"

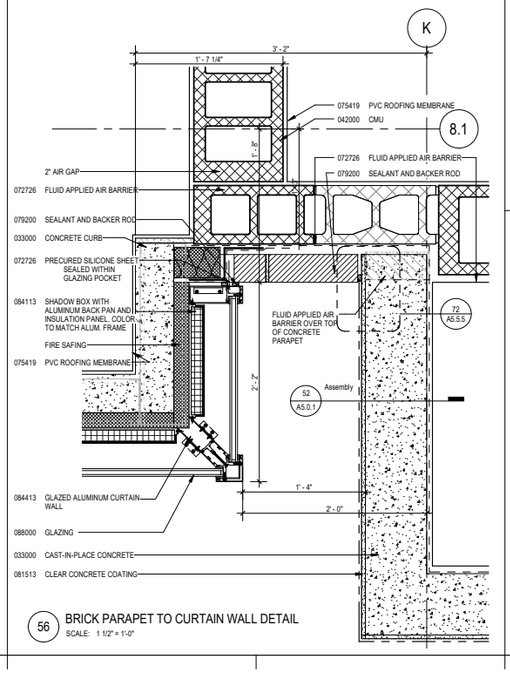
*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION



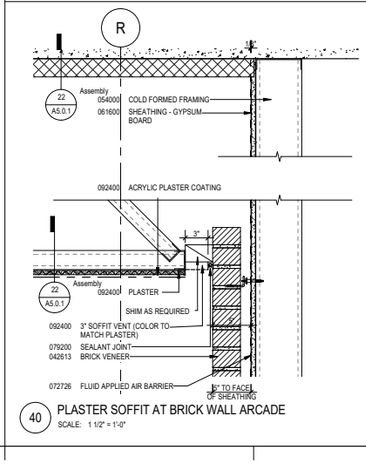
14 INTERIOR BRICK TO BRICK PARAPET
SCALE: 1 1/2" = 1'-0"



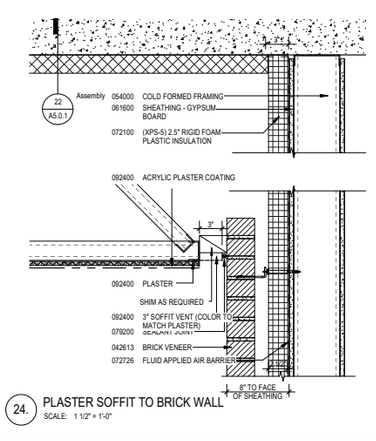
72 CURTAIN WALL AT ROOF 2
SCALE: 1 1/2" = 1'-0"



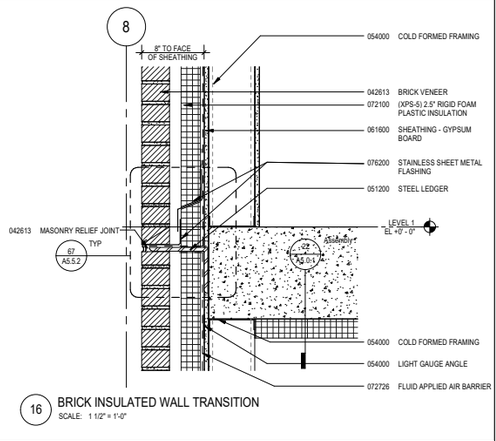
56 BRICK PARAPET TO CURTAIN WALL DETAIL
SCALE: 1 1/2" = 1'-0"



40 PLASTER SOFFIT AT BRICK WALL ARCADE
SCALE: 1 1/2" = 1'-0"



24. PLASTER SOFFIT TO BRICK WALL
SCALE: 1 1/2" = 1'-0"



16 BRICK INSULATED WALL TRANSITION
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017

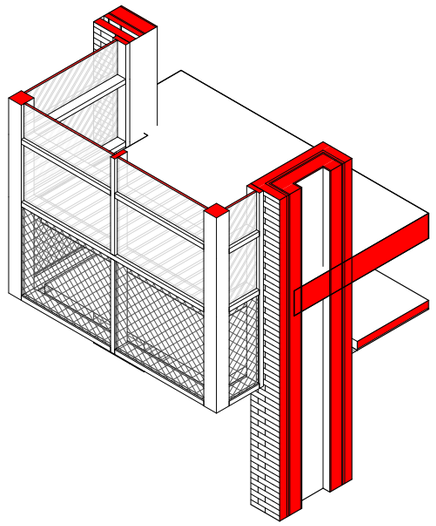
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEFENDERFER
C-8790
6-30-19
RENEWAL
STATE OF CALIFORNIA

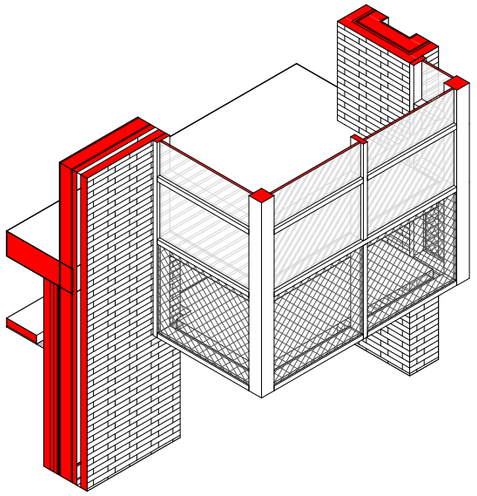
SHEET TITLE
EXTERIOR ENLARGED DETAILS

PROJECT NUMBER
A5.3.16
SHEET NUMBER

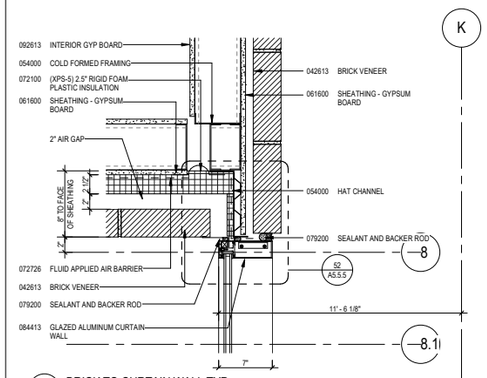
Author
Plot Date: 11/19/2018 5:35:41 PM



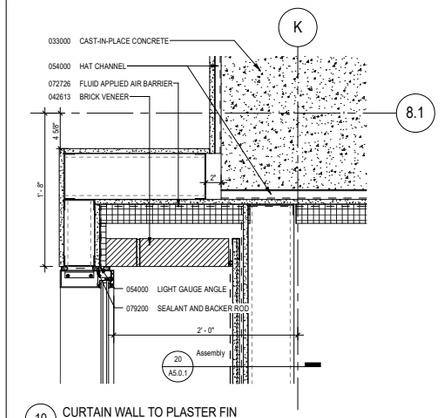
67 CURTAIN WALL TO SOFFIT
SCALE:



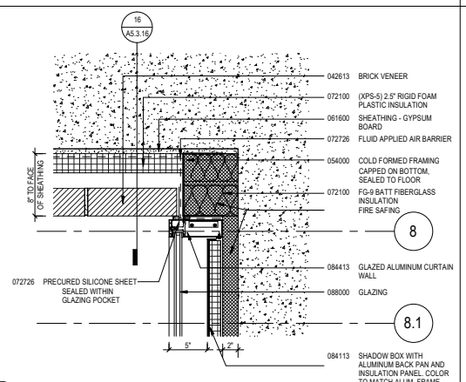
51 CURTAIN WALL TO SOFFIT 2
SCALE:



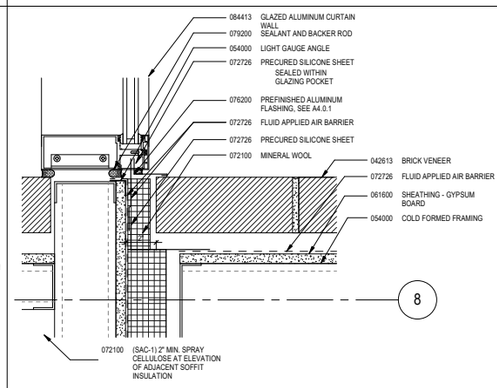
26 BRICK TO CURTAIN WALL TYP.
SCALE: 1 1/2" = 1'-0"



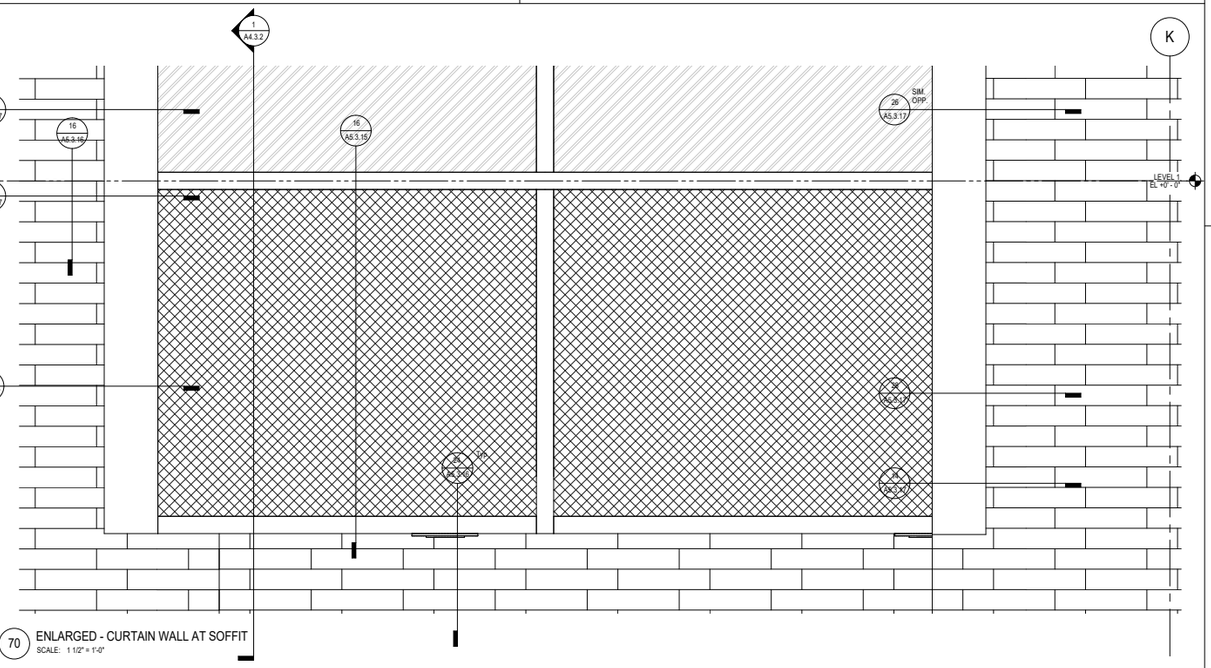
10 CURTAIN WALL TO PLASTER FIN
SCALE: 1 1/2" = 1'-0"



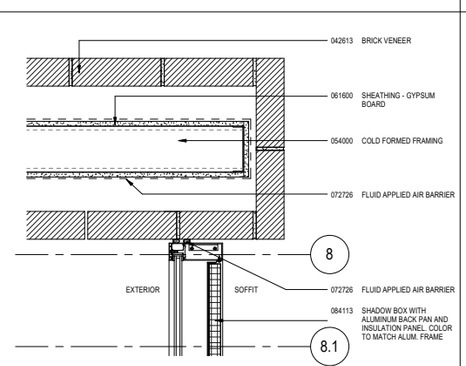
28 CURTAIN WALL AT SLAB TO BRICK
SCALE: 1 1/2" = 1'-0"



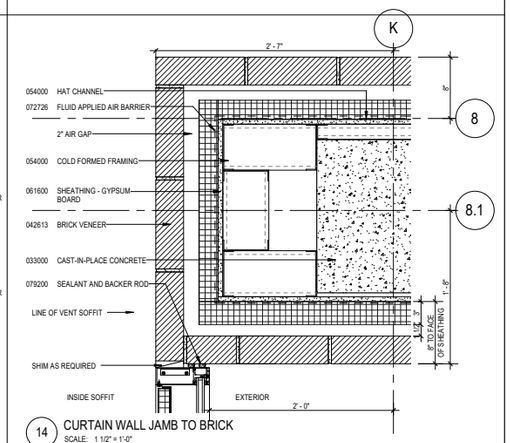
12 CURTAIN WALL VISION JAMB TO BRICK
SCALE: 3" = 1'-0"



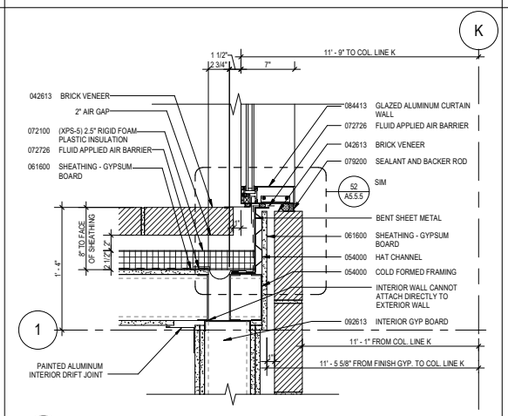
70 ENLARGED - CURTAIN WALL AT SOFFIT
SCALE: 1 1/2" = 1'-0"



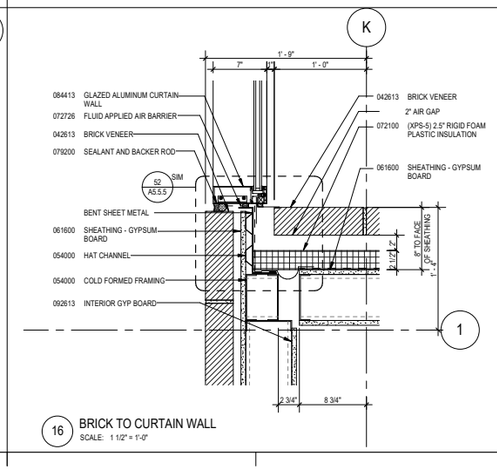
30 CURTAIN WALL SHADOW BOX TO BRICK
SCALE: 1 1/2" = 1'-0"



14 CURTAIN WALL JAMB TO BRICK
SCALE: 1 1/2" = 1'-0"



32 BRICK TO CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



16 BRICK TO CURTAIN WALL
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP2B - IFC		24 JAN 2017

SEALS AND SIGNATURES

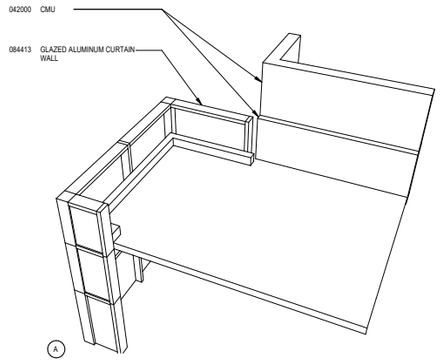
LICENSED ARCHITECT — WILLIAM L. DIFENDERFER — C-8790 — 8-31-19 RENEWAL DATE — STATE OF CALIFORNIA

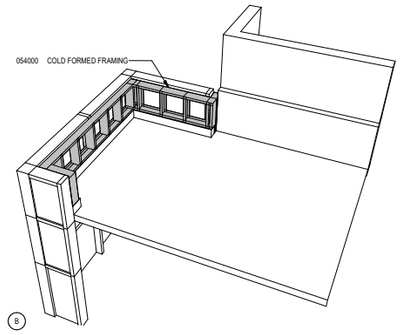
SHEET TITLE
EXTERIOR ENLARGED DETAILS

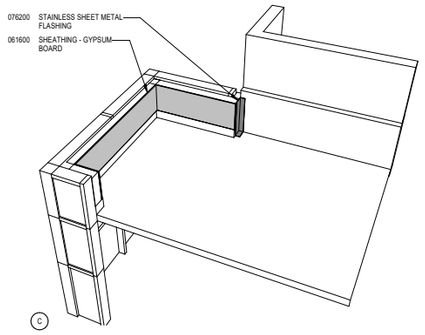
PROJECT NUMBER
A5.3.17

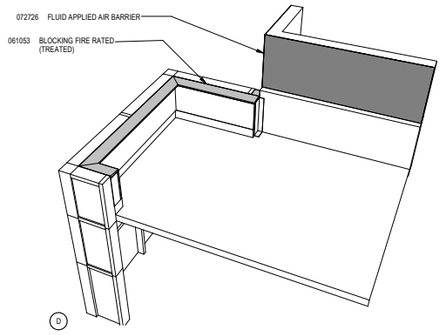
SHEET NUMBER

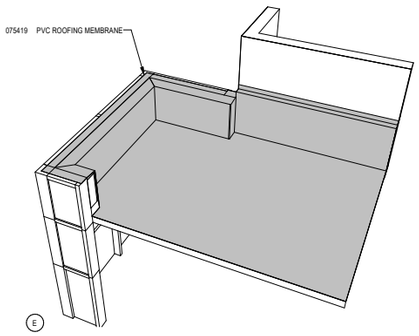
Plot Date: 11/19/2018 5:35:57 PM Author

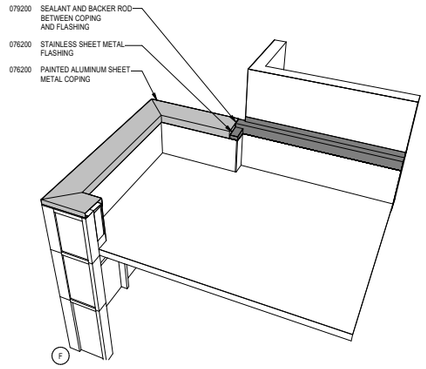


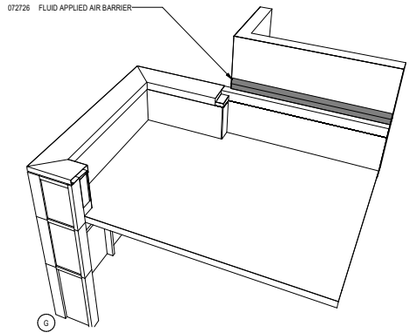


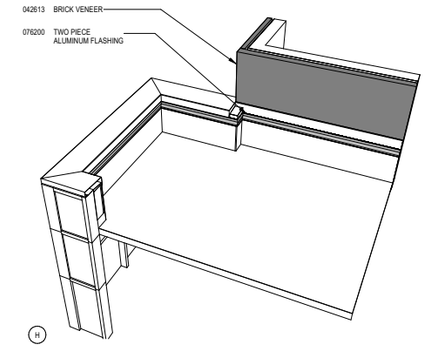




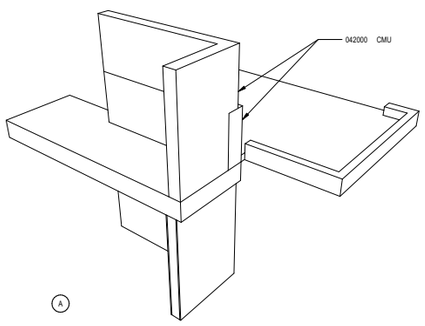


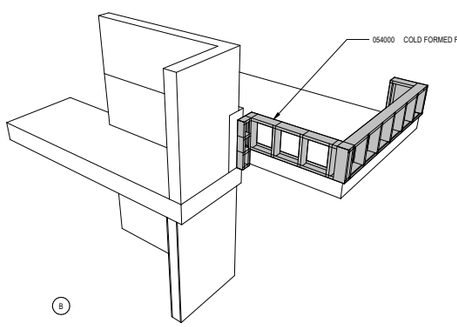


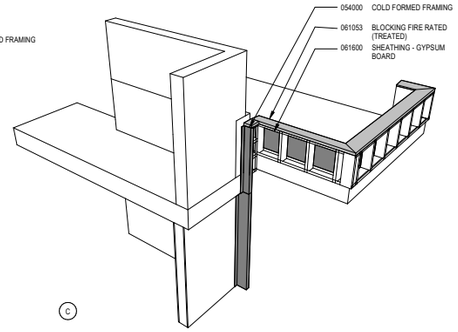


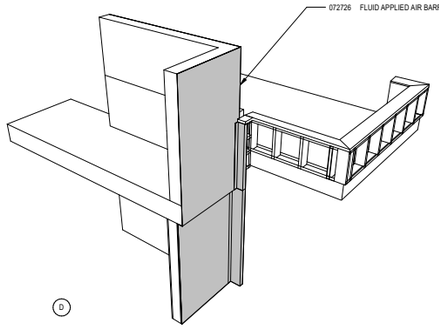


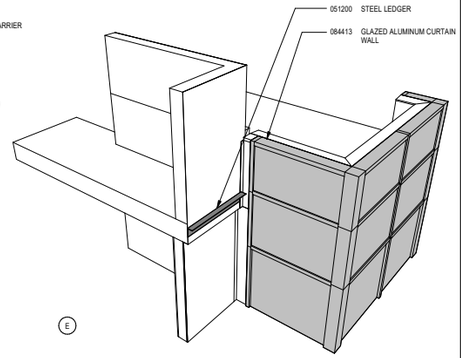
ROOF SIDE

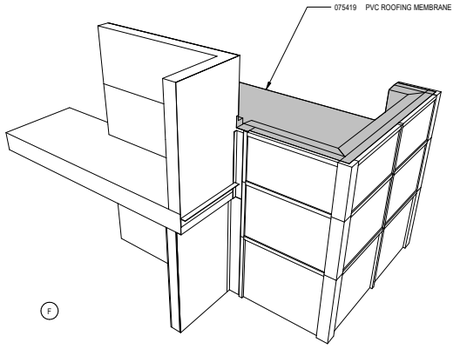


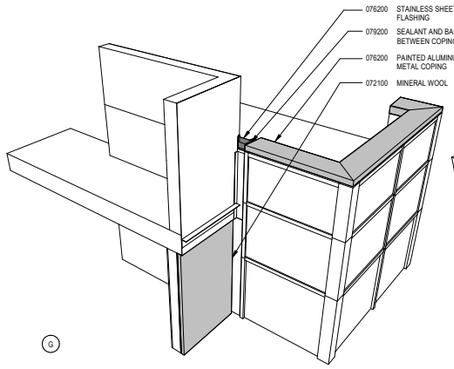


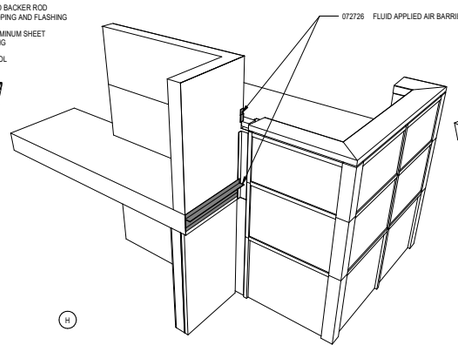


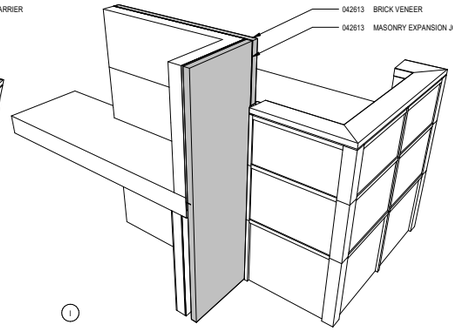












CURTAIN WALL SIDE

72 CURTAINWALL TO BRICK COMPONENTS
SCALE: NOT TO SCALE

Plot Date: 11/19/2018 5:36:04 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

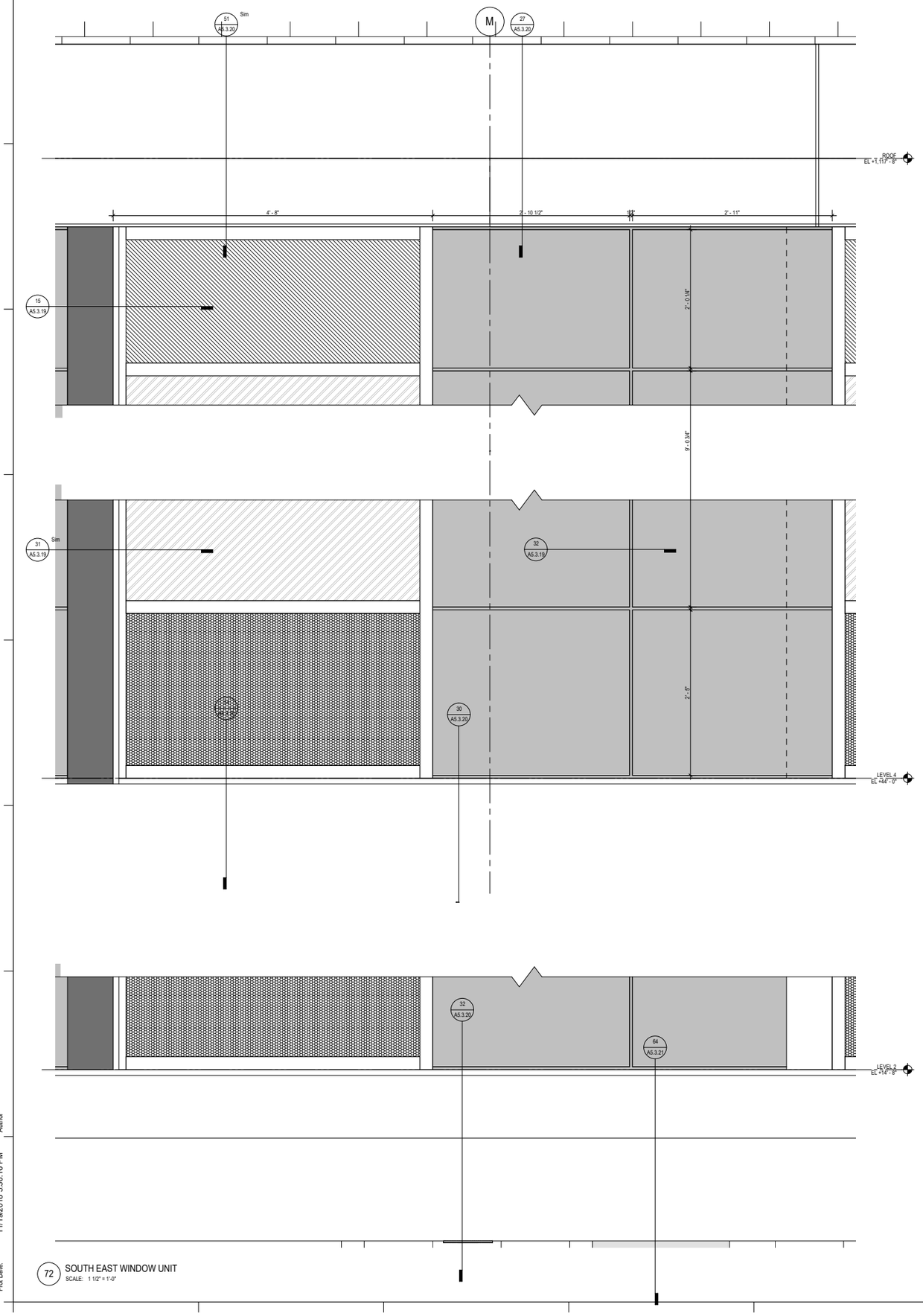
ISSUED FOR	REV	DATE
RECORD DRAWINGS	—	05 NOV 2018
DP3 - IFC	—	27 JUN 2017
DP3 - CD 95%	—	25 APR 2017
DSA RECORD SET	—	28 MAR 2017
DP3 - CD 75%	—	14 FEB 2017

SEALS AND SIGNATURES

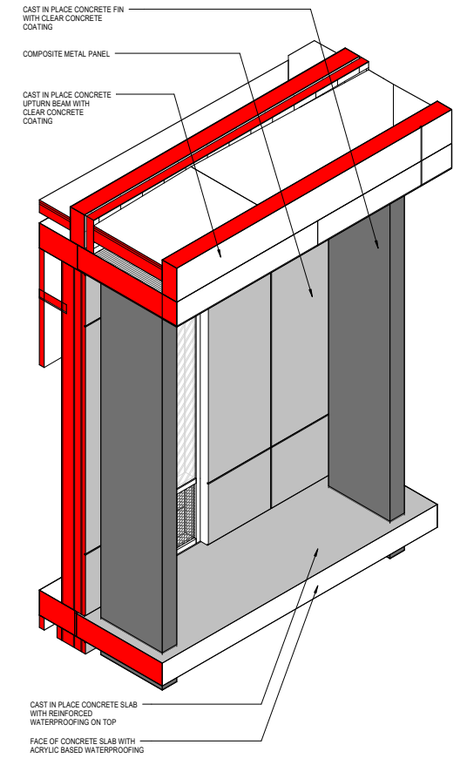
LICENSED ARCHITECT WILLIAM L. DIFERDON C-8790 8-31-19 RENEW STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR ENLARGED DETAILS

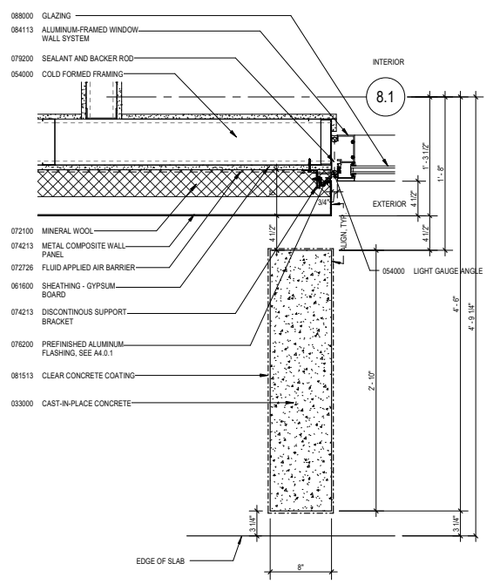
PROJECT NUMBER
A5.3.18
SHEET NUMBER



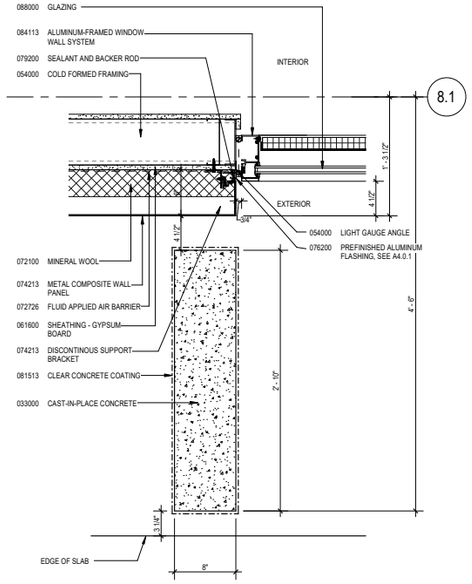
72 SOUTH EAST WINDOW UNIT
SCALE: 1 1/2" = 1'-0"



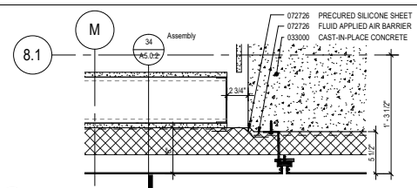
12 SOUTH OFFICE WINDOWS 2
SCALE:



31 METAL PANEL TO GLAZING TYP.
SCALE: 1 1/2" = 1'-0"



15 COMPOSITE METAL PANEL TO SHADOW BOX, TYP
SCALE: 1 1/2" = 1'-0"



32 COMPOSITE METAL PANEL VERTICAL JOINT TYP.
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

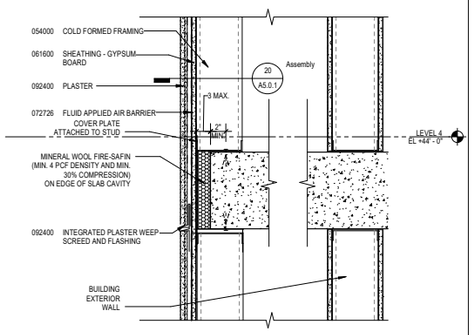
LICENSED ARCHITECT
JULIAN L. DIEKMANN
C-8790
8-31-19
RENEWAL
DATE
STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR ENLARGED DETAILS

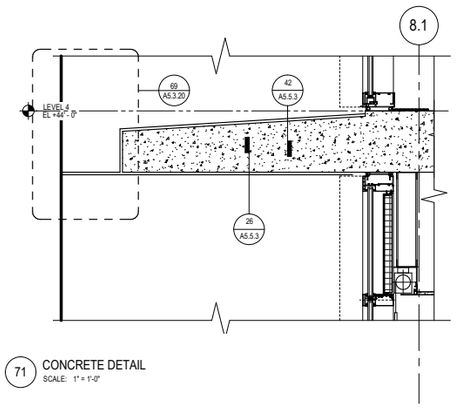
PROJECT NUMBER
A5.3.19

SHEET NUMBER

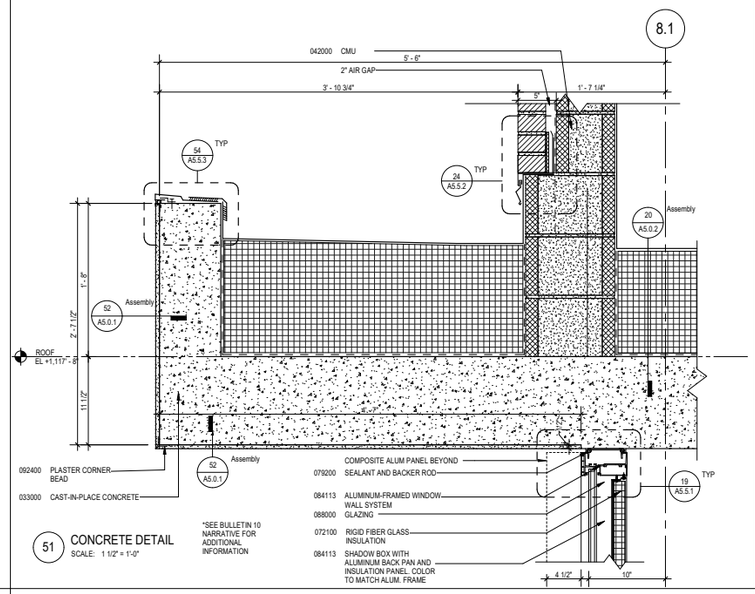
Plot Date: 11/19/2018 5:36:16 PM Author



69 PLASTER OVER HORIZONTAL CONCRETE FINS
SCALE: 1 1/2" = 1'-0"

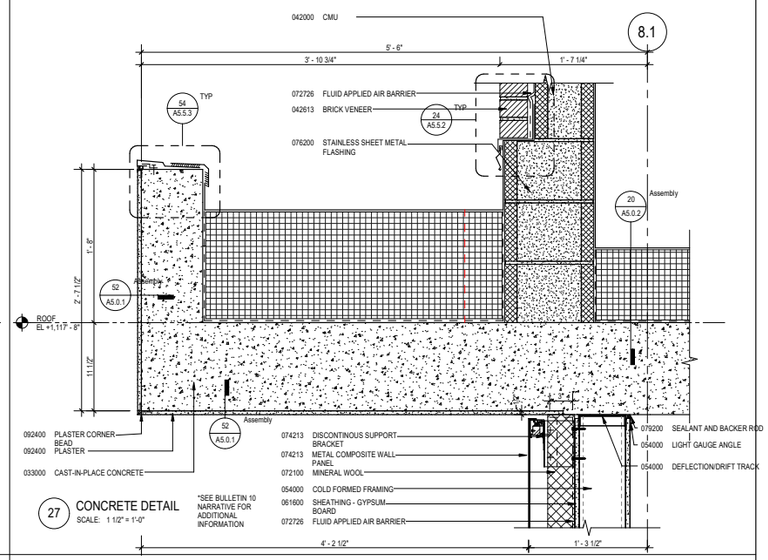


71 CONCRETE DETAIL
SCALE: 1" = 1'-0"



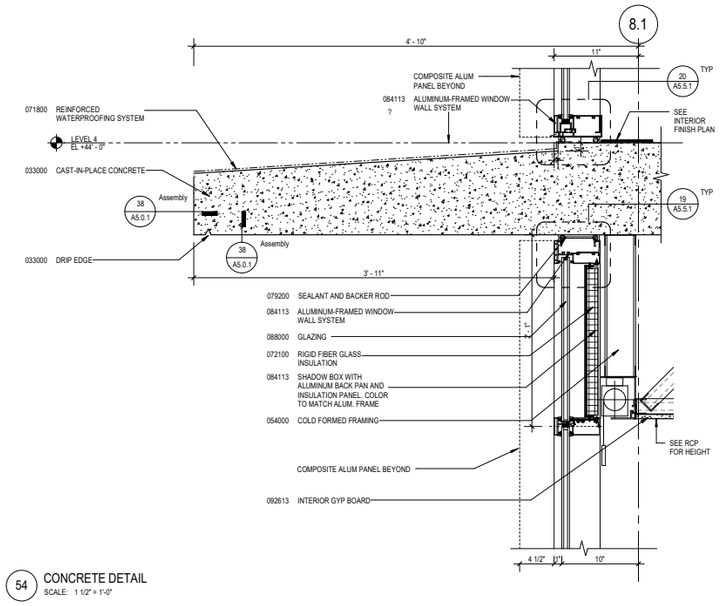
51 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"

*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION

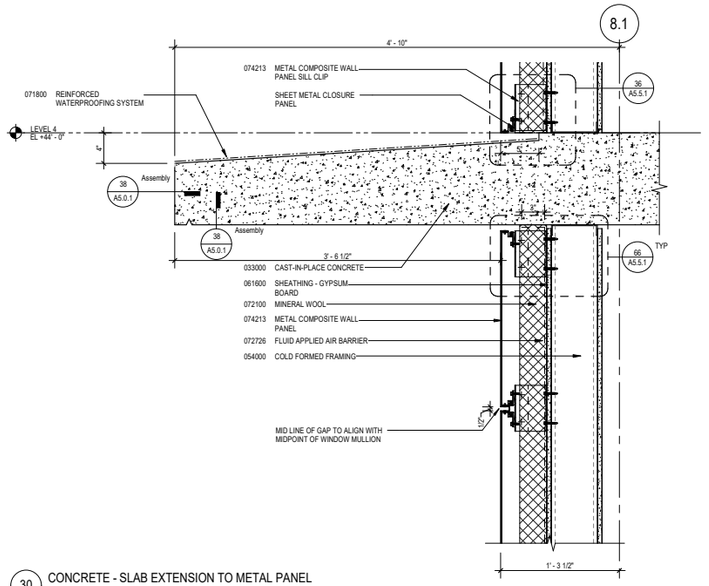


27 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"

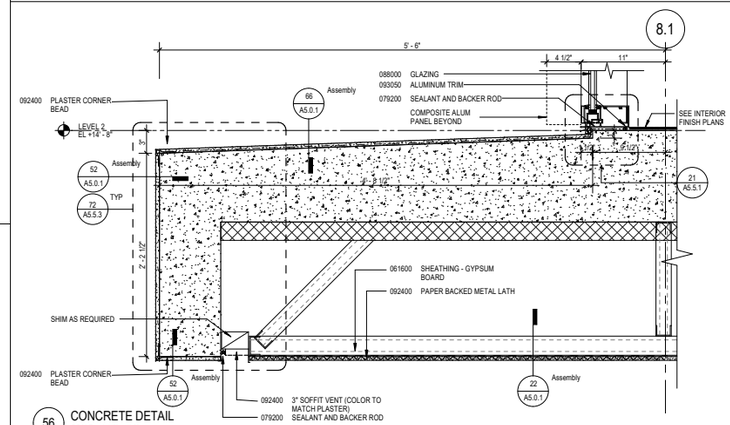
*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION



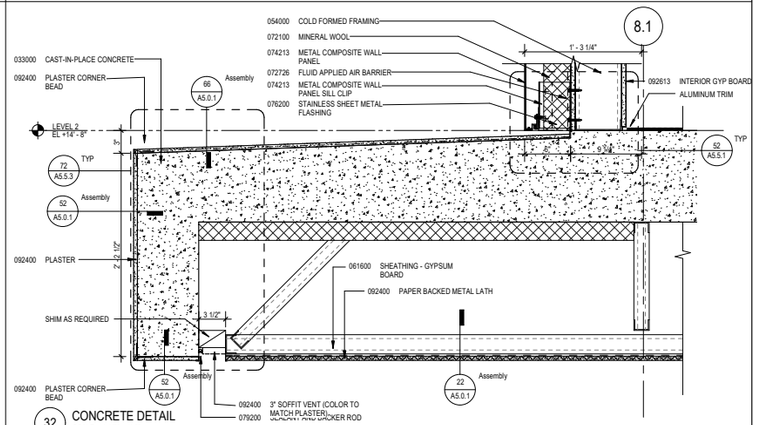
54 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"



30 CONCRETE - SLAB EXTENSION TO METAL PANEL
SCALE: 1 1/2" = 1'-0"



56 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"



32 CONCRETE DETAIL
SCALE: 1 1/2" = 1'-0"

REFERENCE KEYNOTES

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017
DP3 - CD 65%		09 NOV 2016

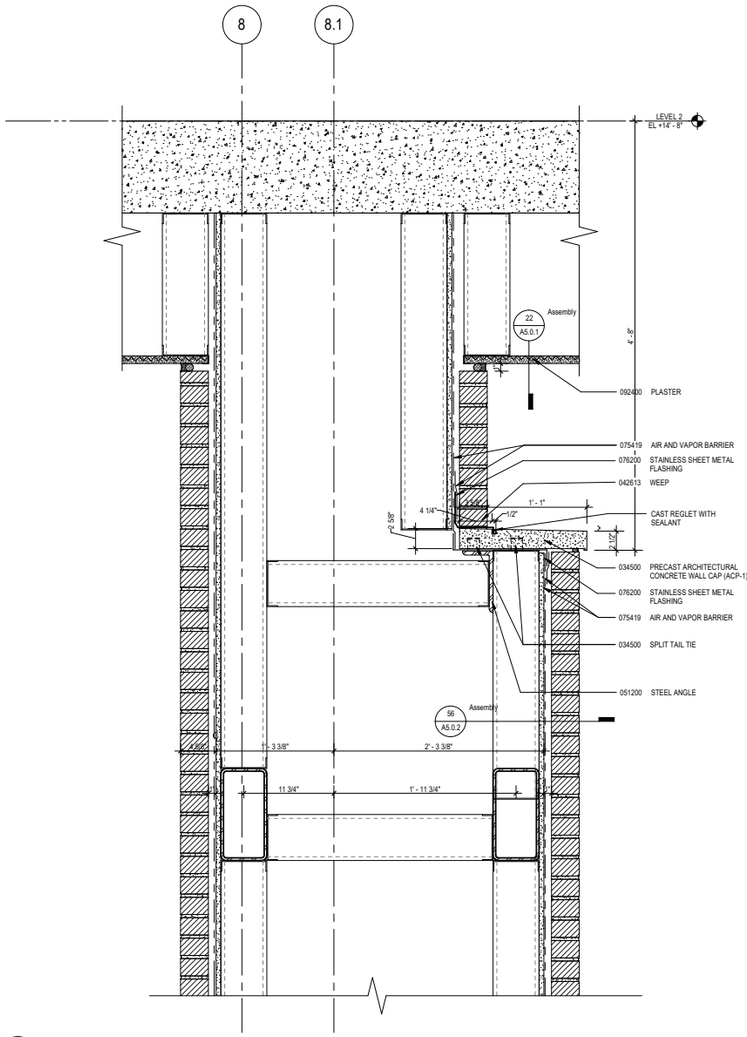
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFENDER C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

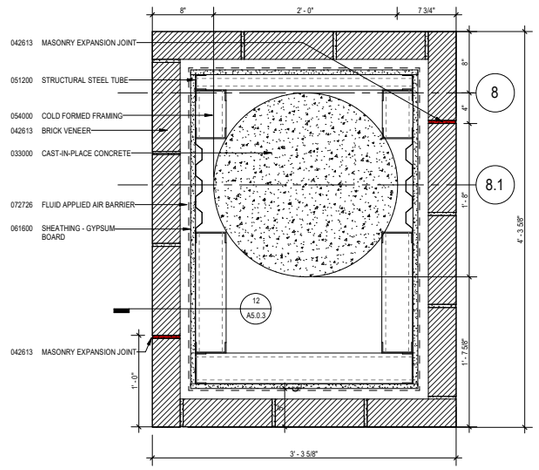
SHEET TITLE
EXTERIOR ENLARGED DETAILS

PROJECT NUMBER
A5.3.20
SHEET NUMBER

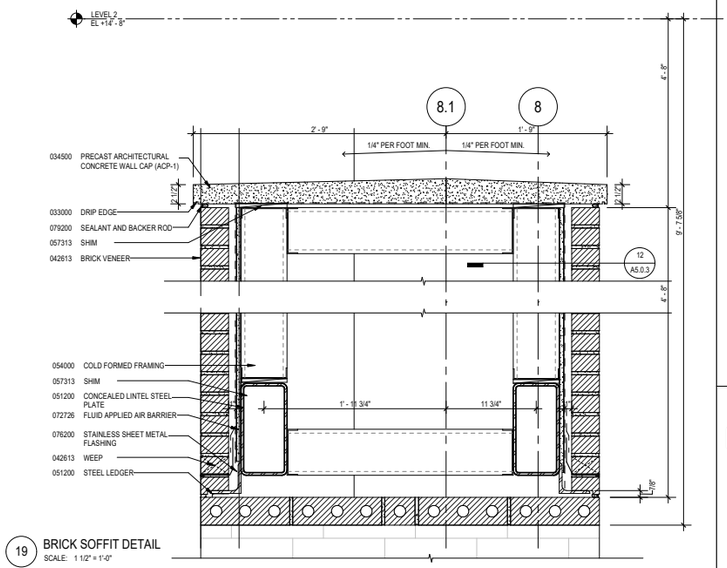
Author
Plot Date: 11/19/2018 5:36:31 PM



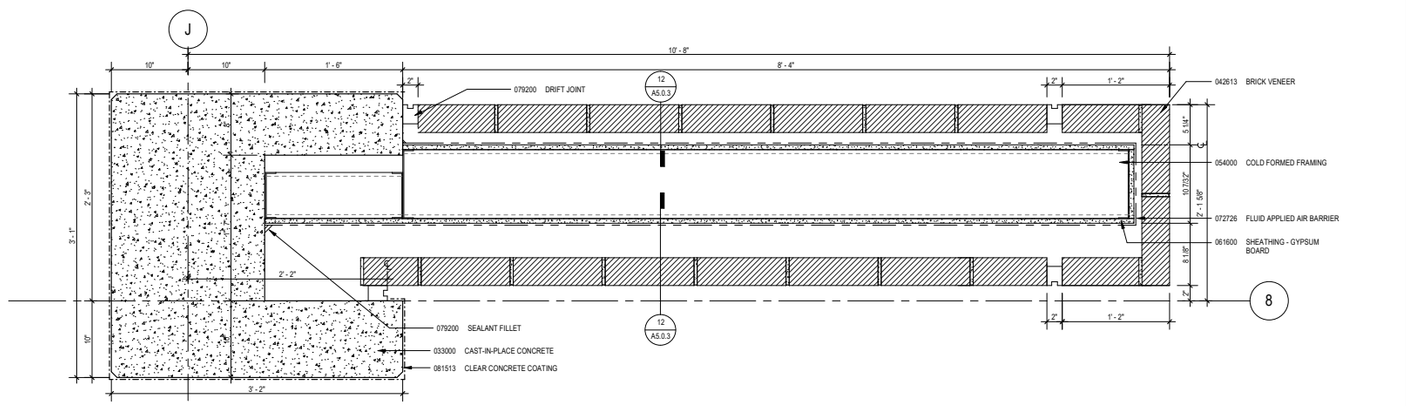
69 BRICK SOFFIT DETAIL AT CONCRETE FLOOR SLAB
SCALE: 1 1/2" = 1'-0"



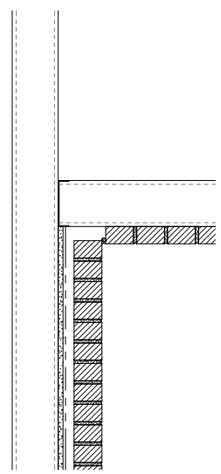
43 TYPICAL BRICK ENCLOSED COLUMN, ROUND
SCALE: 1 1/2" = 1'-0"



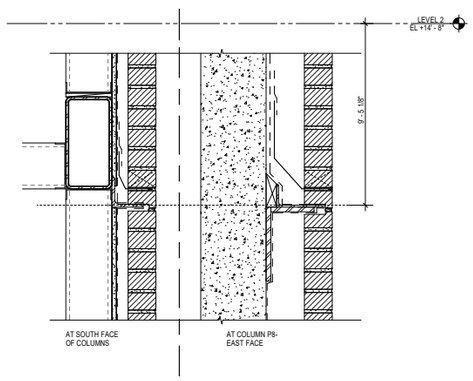
19 BRICK SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



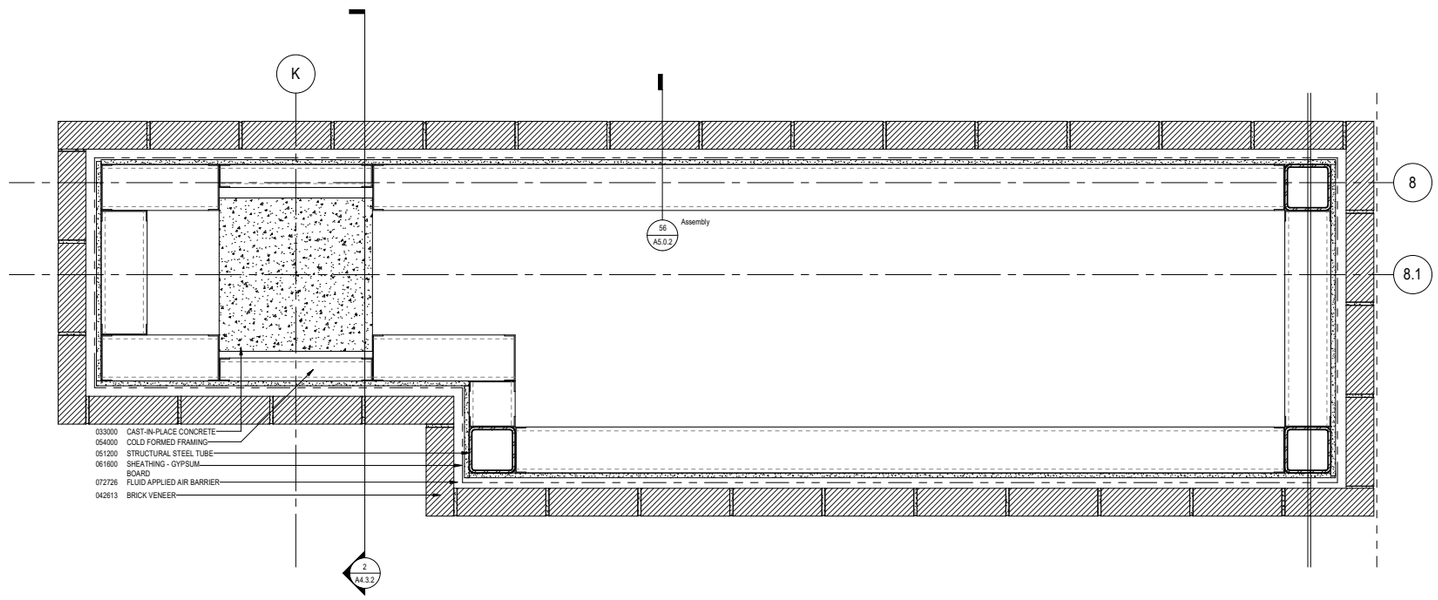
45 BRICK TO ARCHITECTURAL CONCRETE
SCALE: 1 1/2" = 1'-0"



72 BRICK SOFFIT DETAIL 2
SCALE: 1 1/2" = 1'-0"



64 LOWERE LEVEL BRICK ARCADE MASONRY RELIEF JOINT
SCALE: 1 1/2" = 1'-0"



48 BRICK ENCLOSED COLUMN AT SOUTH ARCADE
SCALE: 1 1/2" = 1'-0"

Plot Date: 11/19/2018 5:36:44 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

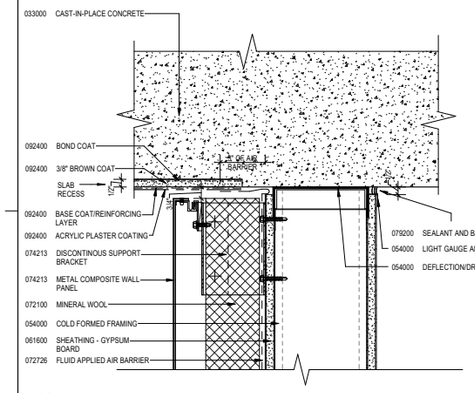
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

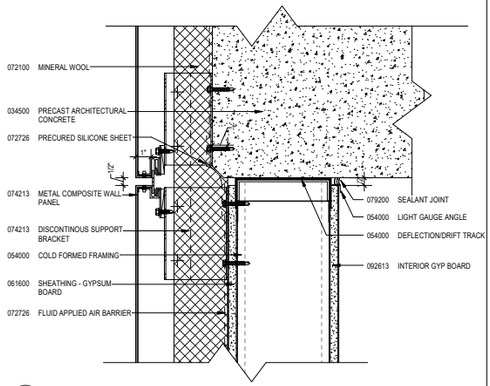
LICENSED ARCHITECT
JULIANA J. THEORDOR
C-8790
8-31-19
REGISTERED
STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR ENLARGED DETAILS

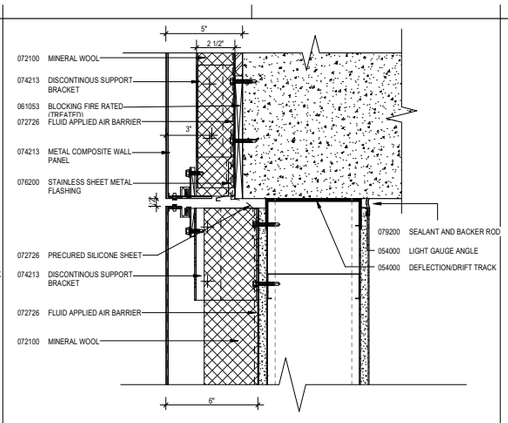
PROJECT NUMBER
A5.3.21
SHEET NUMBER



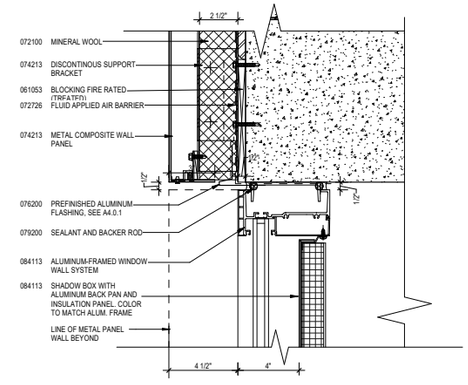
66 COMPOSITE PANEL STUD WALL TO CONCRETE TOP DETAIL
SCALE: 3" = 1'-0"



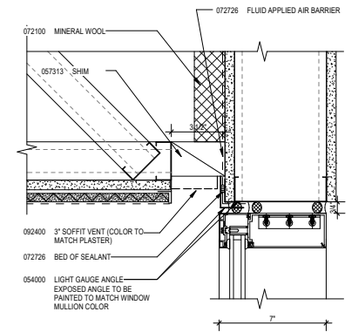
50 COMPOSITE PANEL STUD WALL TO CONCRETE FLOOR SLAB
SCALE: 3" = 1'-0"



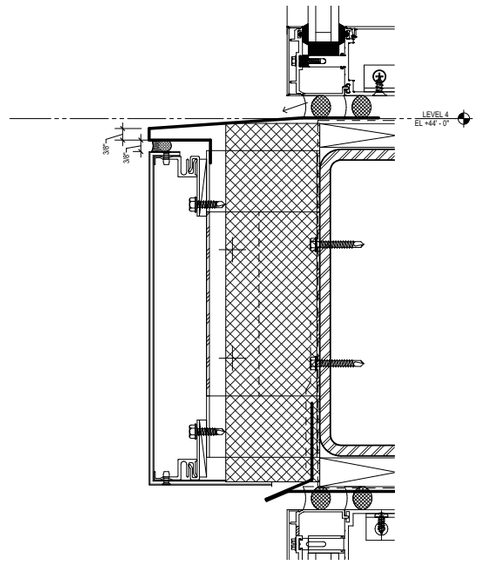
34 COMPOSITE PANEL STUD WALL TO ROOF SLAB
SCALE: 3" = 1'-0"

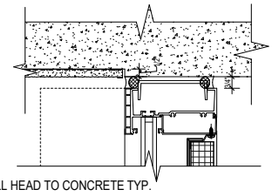


18 WINDOW WALL HEAD TO OVERHANG COMPOSITE PANEL
SCALE: 3" = 1'-0"

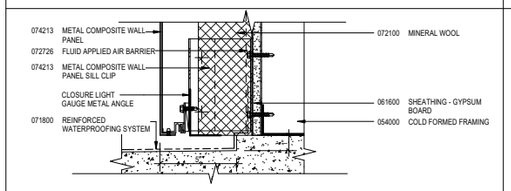


68 SOFFIT VENT TO CURTAIN WALL
SCALE: 3" = 1'-0"

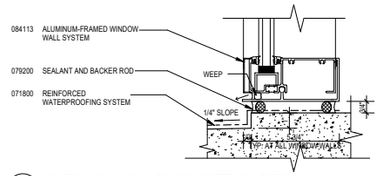




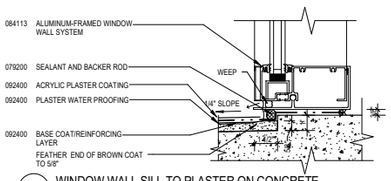
19 WINDOW WALL HEAD TO CONCRETE TYP.
SCALE: 3" = 1'-0"



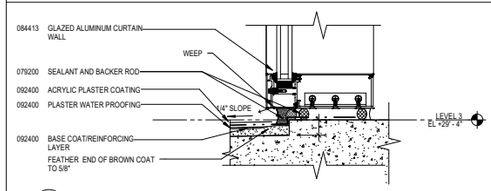
36 COMPOSITE PANEL BASE TO CONCRETE SLAB
SCALE: 3" = 1'-0"



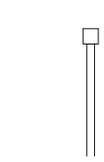
20 WINDOW WALL SILL TO CONCRETE SLAB TYP.
SCALE: 3" = 1'-0"



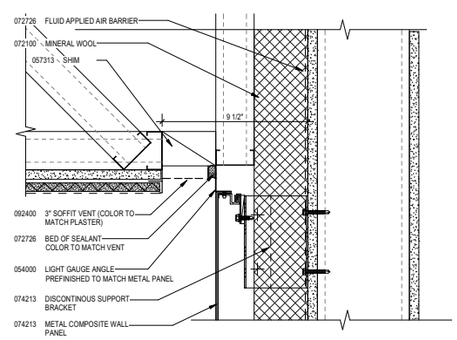
21 WINDOW WALL SILL TO PLASTER ON CONCRETE
SCALE: 3" = 1'-0"



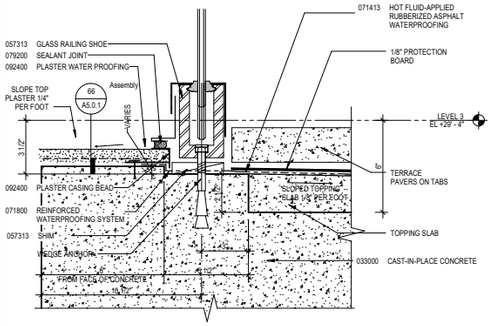
22 CURTAIN WALL SILL TO PLASTER ON CONCRETE
SCALE: 3" = 1'-0"



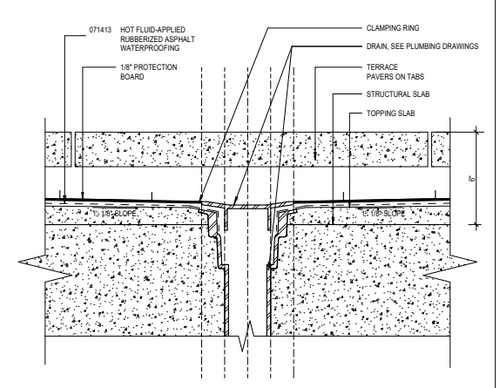
69 TOP OF GLASS HANDRAIL
SCALE: 3" = 1'-0"



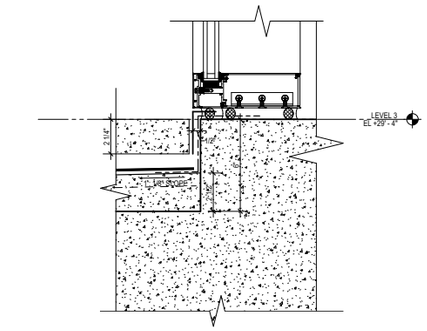
72 METAL PANEL TO PLASTER SOFFIT
SCALE: 3" = 1'-0"



56 TERRACE AT GLASS RAIL ANCHOR
SCALE: 3" = 1'-0"



40 TERRACE DRAIN SECTION
SCALE: 3" = 1'-0"



24 TERRACE TO SILL
SCALE: 3" = 1'-0"

Plot Date: 11/19/2018 5:37:03 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

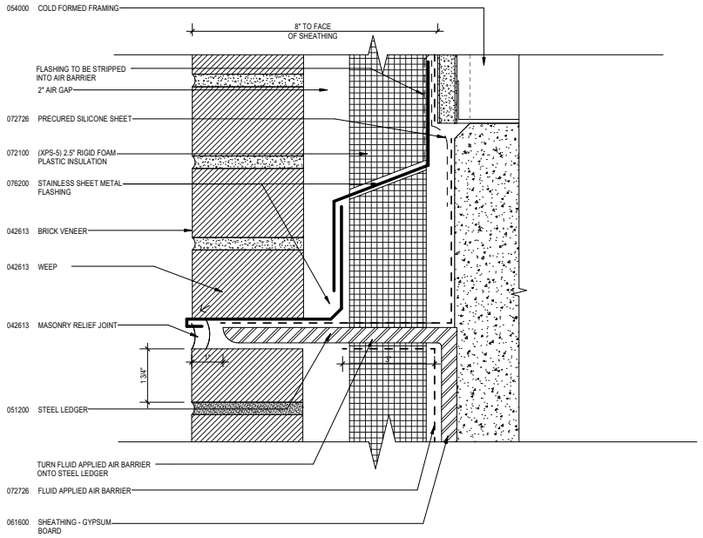
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

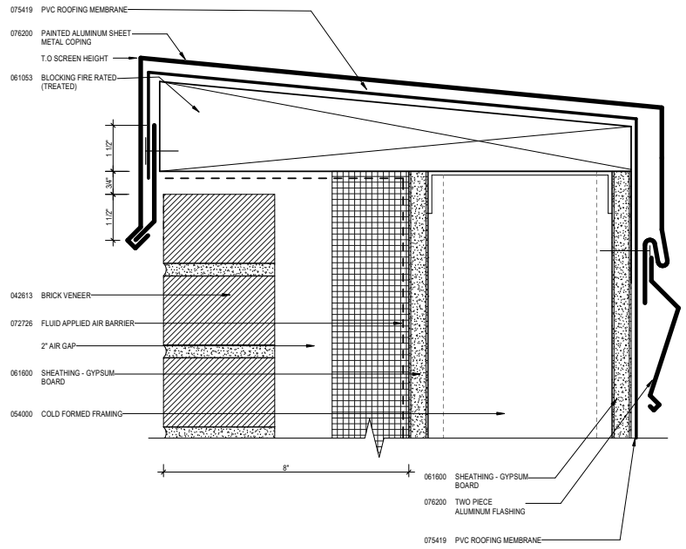
LICENSED ARCHITECT WILLIAM L. DIFENDAL C-8790 6-30-19 RENEWAL DATE STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR ENLARGED DETAILS

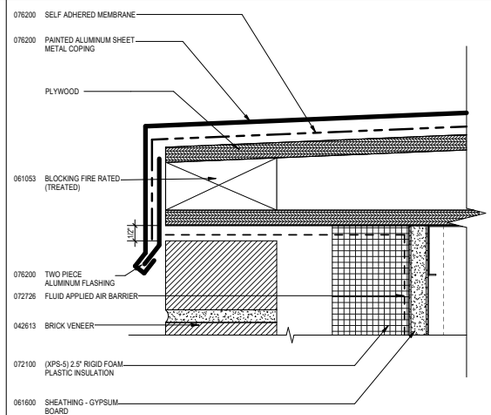
PROJECT NUMBER
A5.5.1
SHEET NUMBER



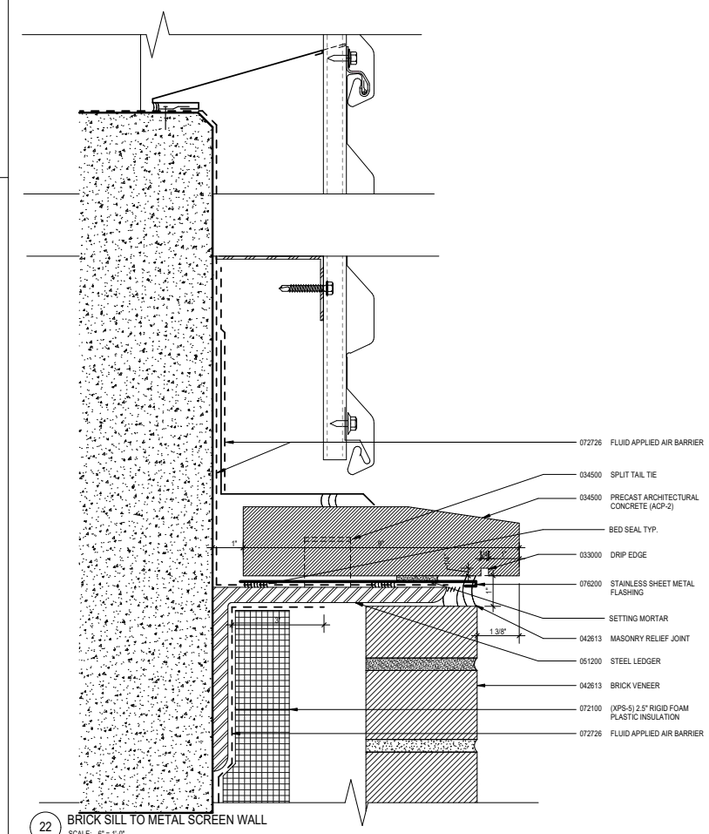
67 TYPICAL MASONRY RELIEF JOINT
SCALE: 6" = 1'-0"



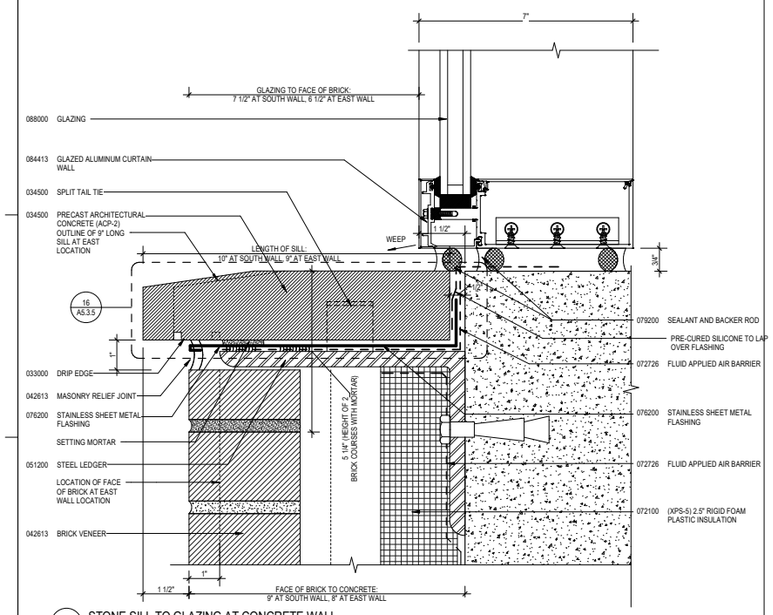
43 COPING DETAIL 2
SCALE: 6" = 1'-0"



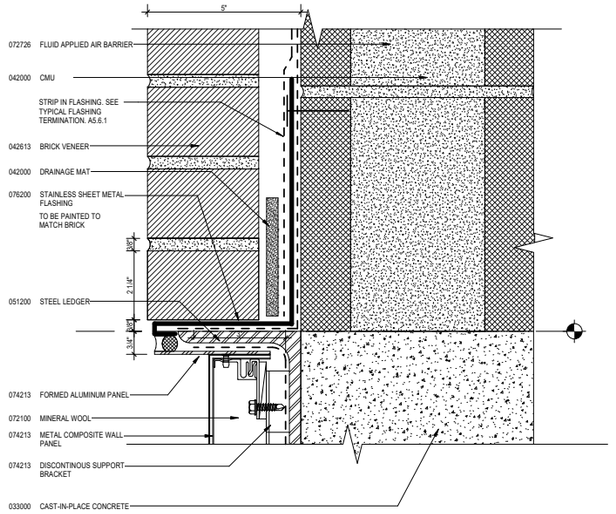
18 COPING DETAIL 1
SCALE: 6" = 1'-0"



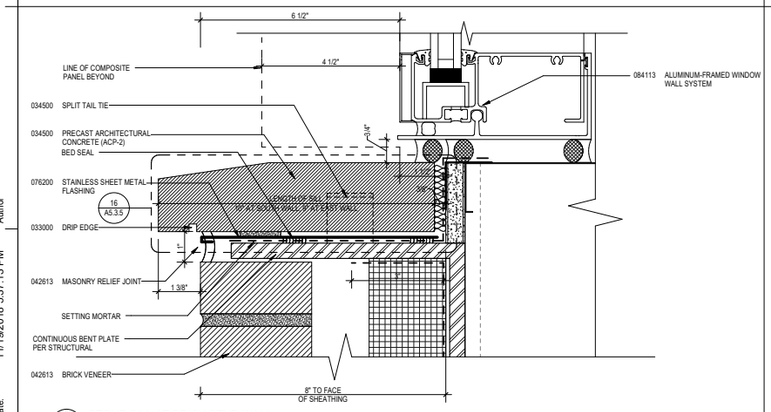
22 BRICK SILL TO METAL SCREEN WALL
SCALE: 6" = 1'-0"



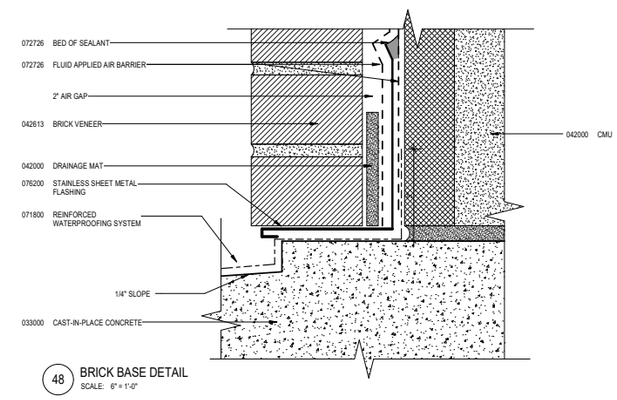
70 STONE SILL TO GLAZING AT CONCRETE WALL
SCALE: 6" = 1'-0"



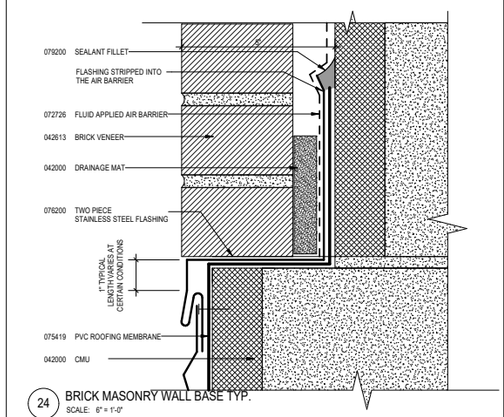
46 BRICK PARAPET LEDGE
SCALE: 6" = 1'-0"



72 STONE SILL AT BRICK STUD WALL
SCALE: 6" = 1'-0"



48 BRICK BASE DETAIL
SCALE: 6" = 1'-0"



24 BRICK MASONRY WALL BASE TYP.
SCALE: 6" = 1'-0"

Author
11/19/2018 5:37:13 PM
Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

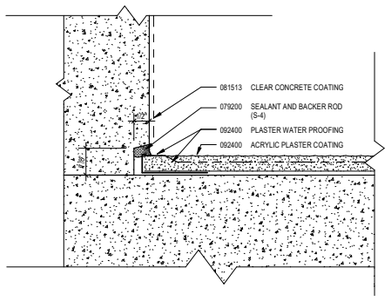
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 17	17	22 OCT 2018
BULLETIN 9	9	24 AUG 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

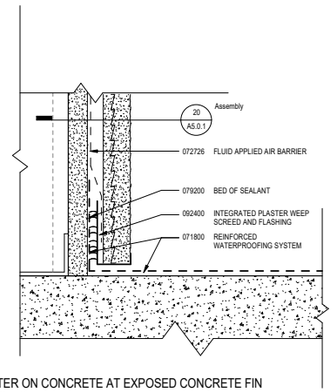
LICENSED ARCHITECT WILLIAM L. DIFENDERFER C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

SHEET TITLE
EXTERIOR ENLARGED DETAILS

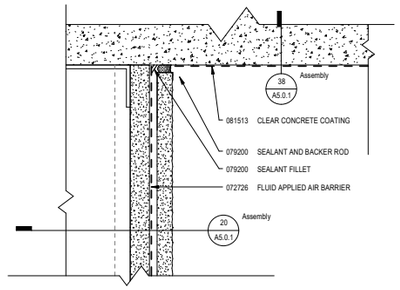
PROJECT NUMBER
A5.5.2
SHEET NUMBER



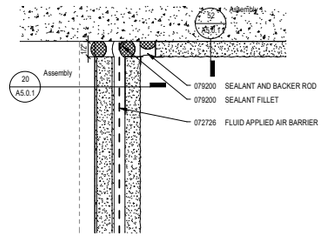
58 PLASTER AT CONCRETE FIN
SCALE: 6" = 1'-0"



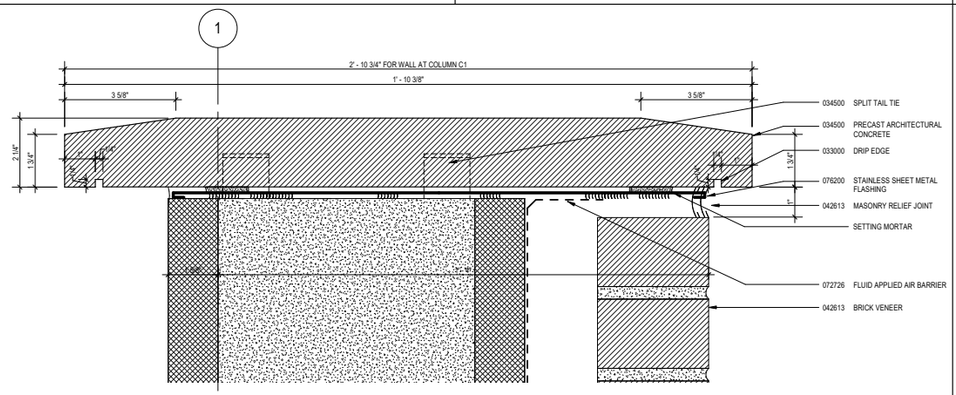
42 PLASTER ON CONCRETE AT EXPOSED CONCRETE FIN
SCALE: 6" = 1'-0"



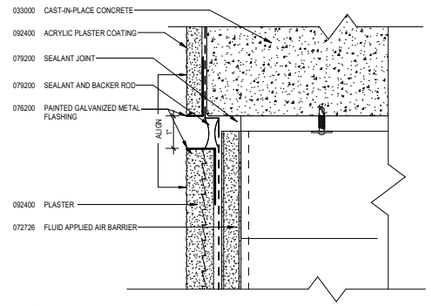
26 PLASTER ON CONCRETE SOFFIT CORNER AT EXPOSED CONCRETE FIN
SCALE: 6" = 1'-0"



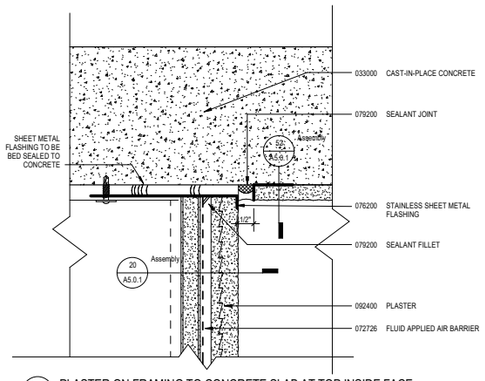
10 PLASTER ON CONCRETE SOFFIT CORNER
SCALE: 6" = 1'-0"



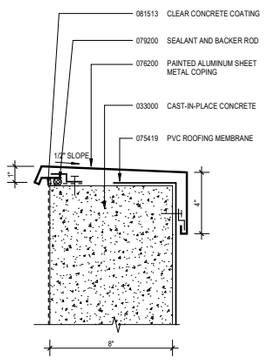
52 LOADING DOCK COPING STONE
SCALE: 6" = 1'-0"



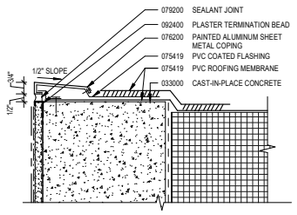
28 PLASTER ON FRAMING TO CONCRETE SLAB AT TOP OUTSIDE FACE
SCALE: 6" = 1'-0"

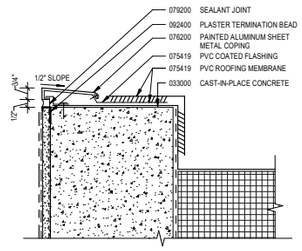


12 PLASTER ON FRAMING TO CONCRETE SLAB AT TOP INSIDE FACE
SCALE: 6" = 1'-0"

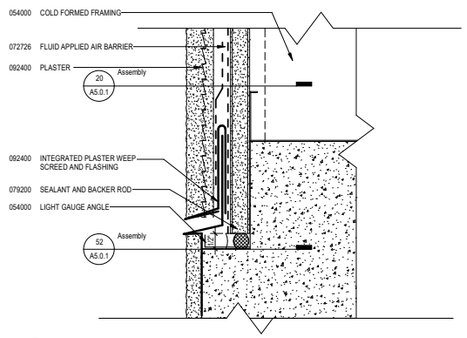


70 CONCRETE PARAPET DETAIL TYP. 2
SCALE: 3" = 1'-0"

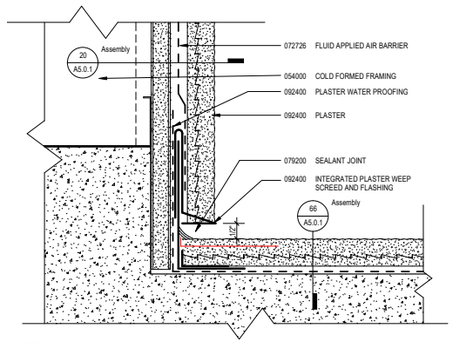




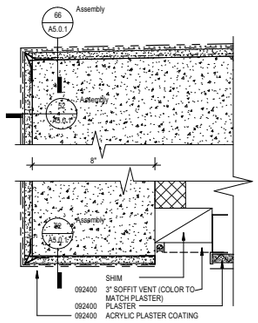
54 CONCRETE PARAPET DETAIL TYP.
SCALE: 3" = 1'-0"



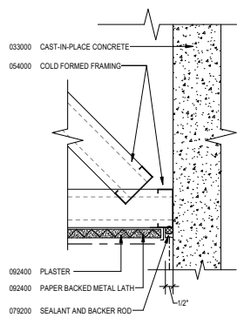
30 PLASTER TO CONCRETE CURB
SCALE: 6" = 1'-0"



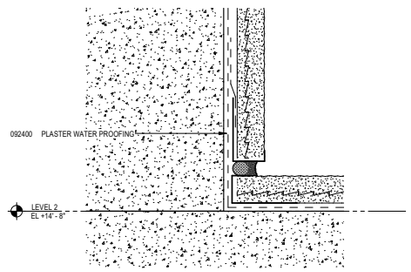
14 PLASTER TO CONCRETE CURB INSIDE FACE
SCALE: 6" = 1'-0"



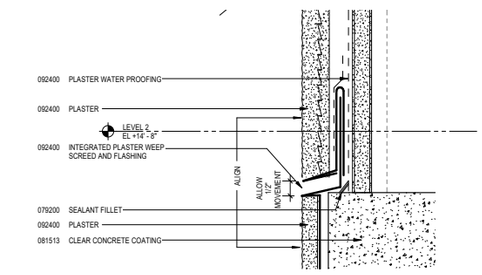
72 CONCRETE DOWNTURN BEAM
SCALE: 3" = 1'-0"



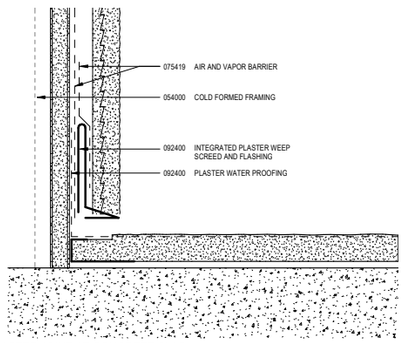
56 SOFFIT TO CONCRETE COLUMN TYP.
SCALE: 3" = 1'-0"



48 PLASTER JOINT AT CONCRETE SLAB
SCALE: 6" = 1'-0"



32 PLASTER JOINT AT CONCRETE SLAB
SCALE: 6" = 1'-0"



16 PLASTER JOINT AT CONCRETE SLAB
SCALE: 6" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

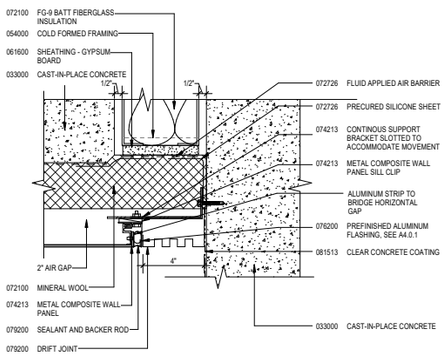
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFENDER C-8790 8-31-19 RENEWAL Date STATE OF CALIFORNIA

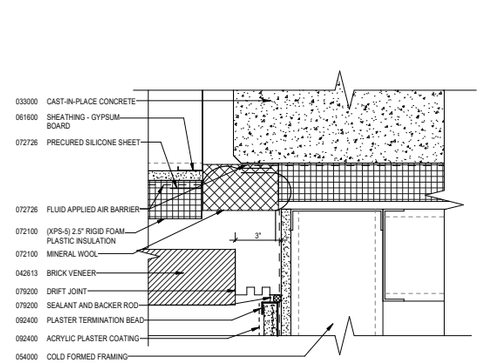
SHEET TITLE
EXTERIOR ENLARGED DETAILS

PROJECT NUMBER
A5.5.3
SHEET NUMBER

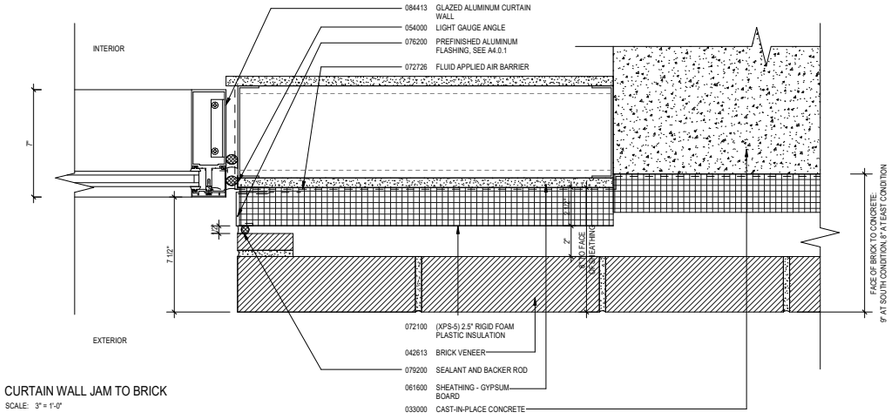
Author
11/19/2018 5:37:32 PM
Plot Date:



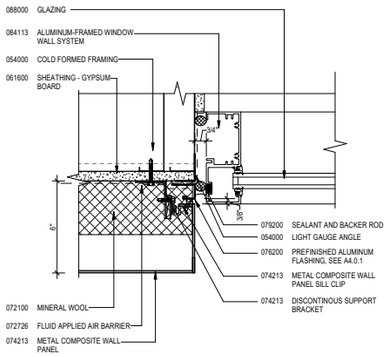
66 COMPOSITE METAL PANEL TO CONCRETE FIN
SCALE: 3" = 1'-0"



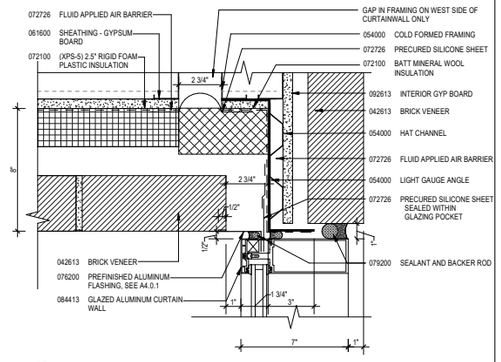
50 PLASTER TO BRICK CORNER
SCALE: 3" = 1'-0"



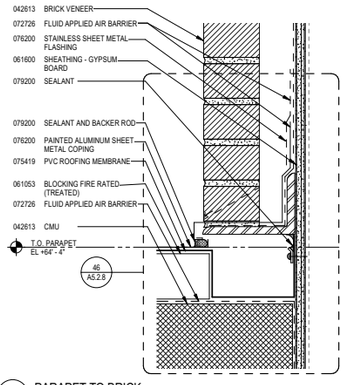
34 CURTAIN WALL JAM TO BRICK
SCALE: 3" = 1'-0"



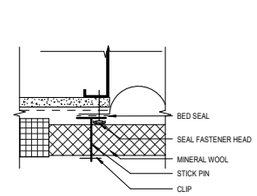
68 COMPOSITE PANEL TO GLAZING TYP.
SCALE: 3" = 1'-0"



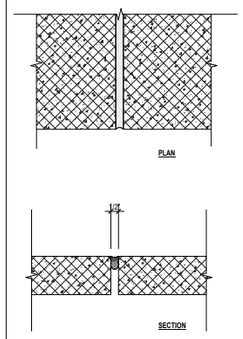
52 CURTAIN WALL TO BRICK
SCALE: 3" = 1'-0"



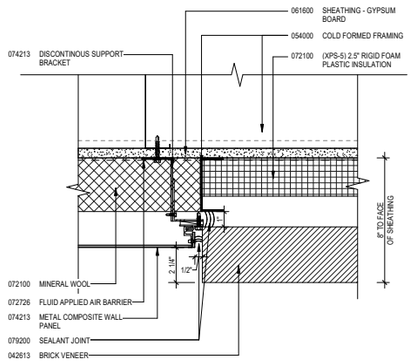
36 PARAPET TO BRICK
SCALE: 3" = 1'-0"



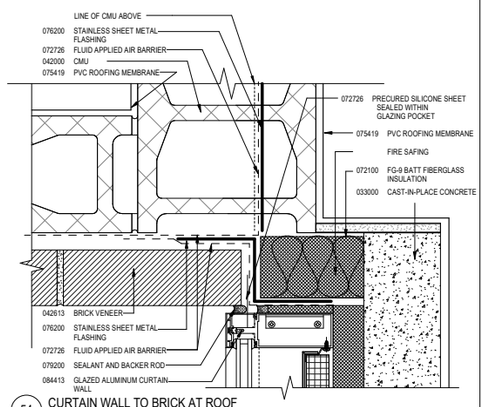
28 INSULATION AT DRIFT JOINT
SCALE: 3" = 1'-0"



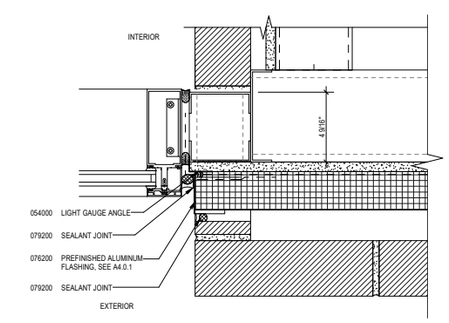
12 PRECAST WALL CAP JOINT
SCALE: 3" = 1'-0"



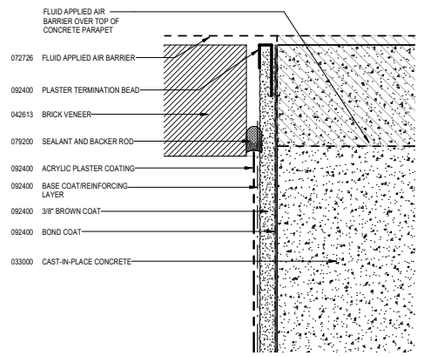
70 COMPOSITE METAL PANEL TO BRICK
SCALE: 3" = 1'-0"



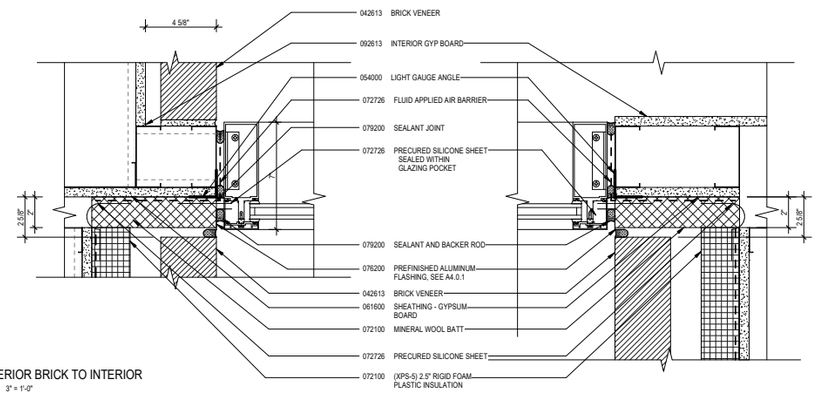
54 CURTAIN WALL TO BRICK AT ROOF
SCALE: 3" = 1'-0"



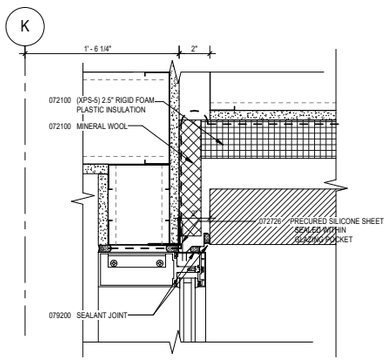
38 EXTERIOR BRICK TO INTERIOR AT ENTRY
SCALE: 3" = 1'-0"



72 PLASTER ON CONCRETE TO BRICK
SCALE: 6" = 1'-0"



56 EXTERIOR BRICK TO INTERIOR
SCALE: 3" = 1'-0"



24 EXTERIOR BRICK TO CURTAINWALL
SCALE: 3" = 1'-0"

Author

11/19/2018 5:37:48 PM

Plot Date:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 14	14	02 APRIL 2018
BULLETIN 13	13	15 FEB 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

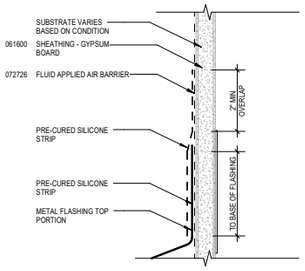
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIEFENDERFER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

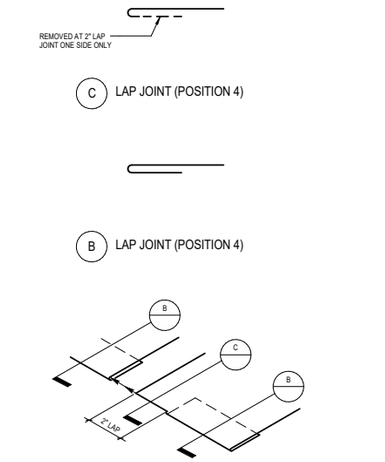
SHEET TITLE
EXTERIOR ENLARGED DETAILS

PROJECT NUMBER
A5.5.5

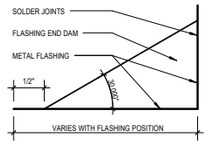
SHEET NUMBER



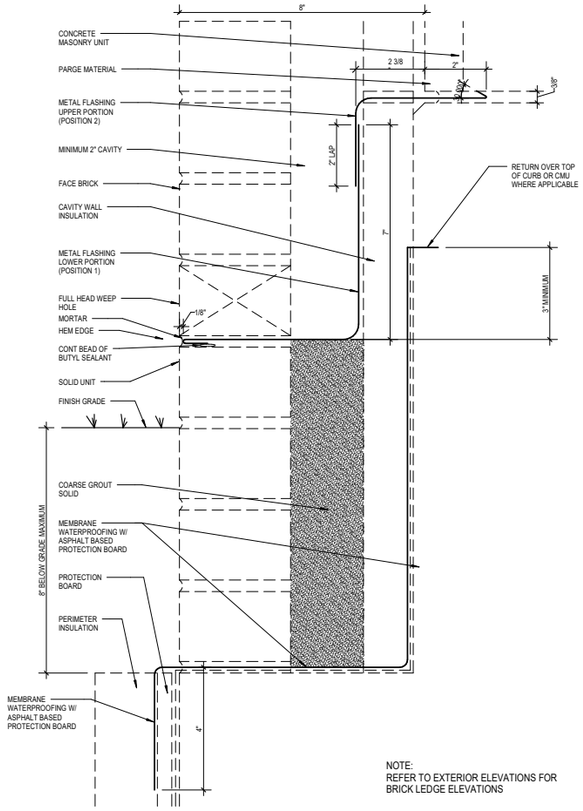
58 FLASHING TERMINATION DETAIL TYP.
SCALE: 6" = 1'-0"



43 METAL FLASHING LAP JOINT
SCALE: 6" = 1'-0"

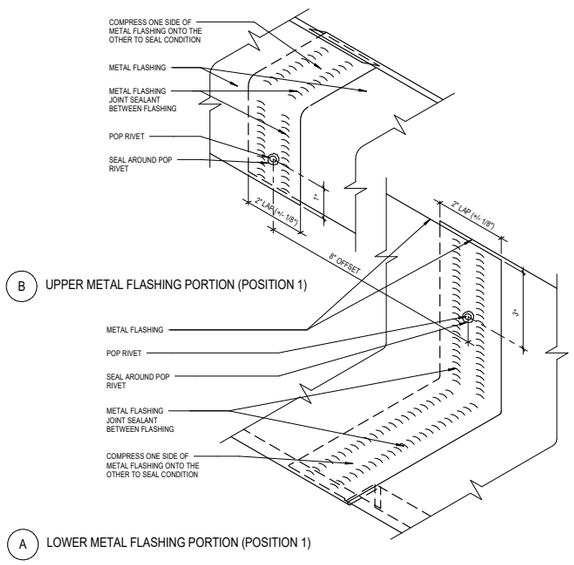


44 METAL FLASHING END DAM
SCALE: 6" = 1'-0"



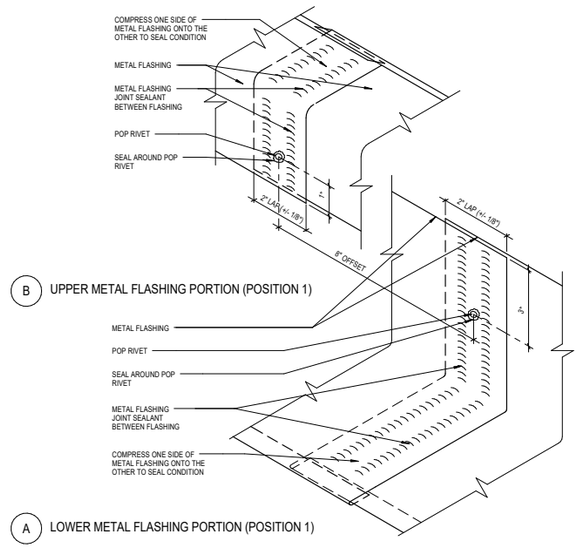
NOTE:
REFER TO EXTERIOR ELEVATIONS FOR BRICK LEDGE ELEVATIONS

28 METAL FLASHING AT GRADE
SCALE: 6" = 1'-0"



55 METAL FLASHING
SCALE: 6" = 1'-0"

REFERENCE



31 METAL FLASHING
SCALE: 6" = 1'-0"

Plot Date: 11/19/2018 5:37:56 PM SGUR RSC

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

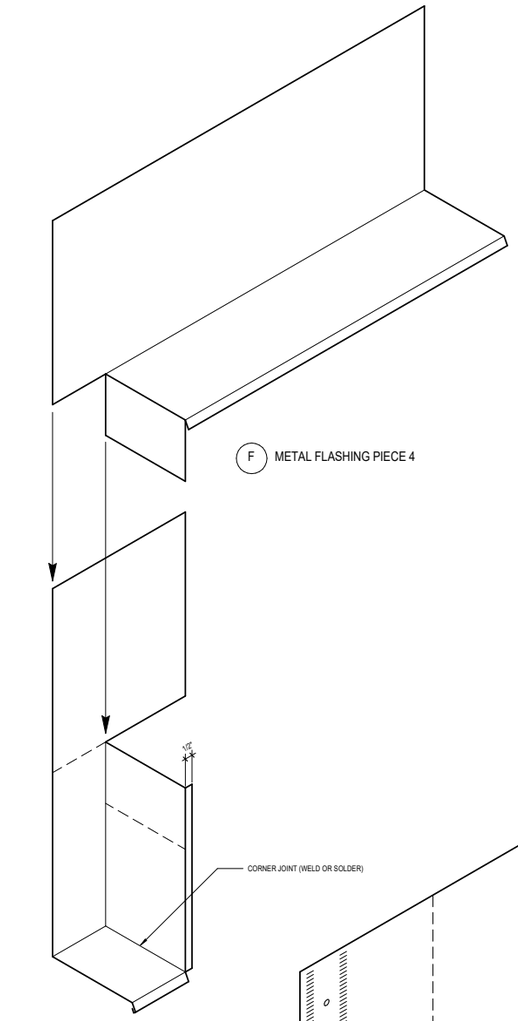
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

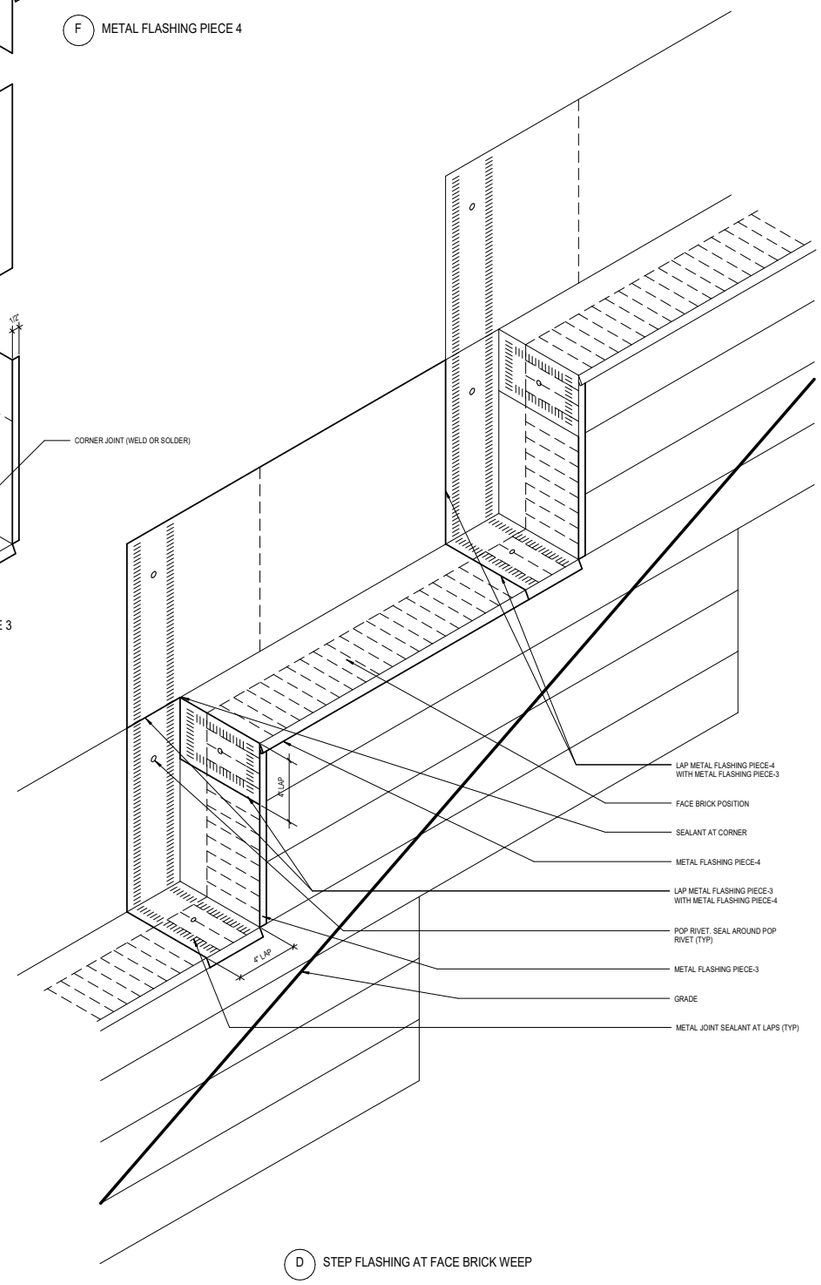


SHEET TITLE
FLASHING DETAILS

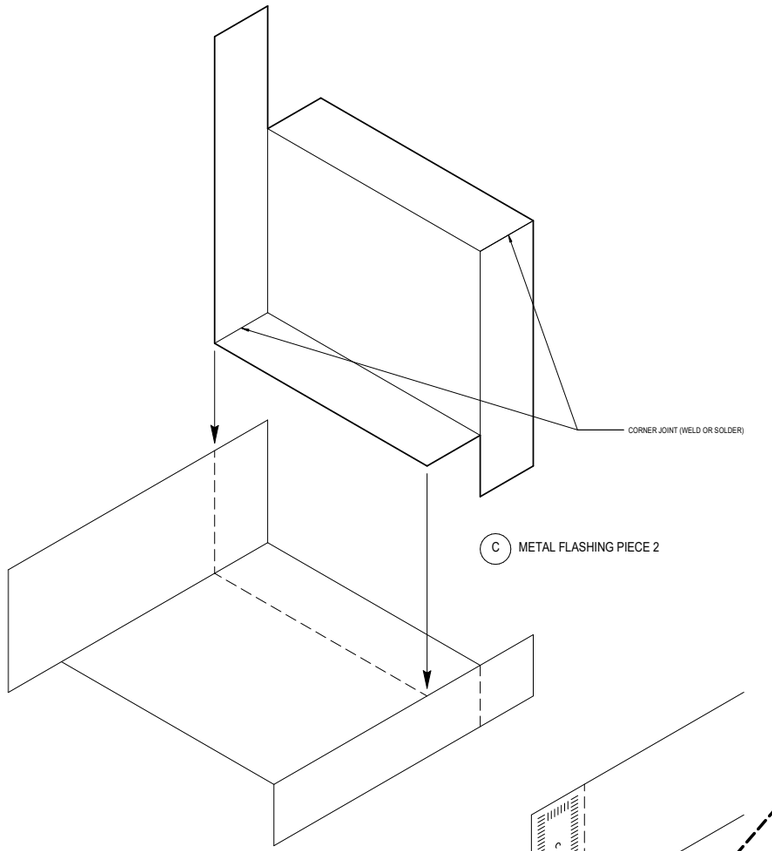
PROJECT NUMBER
A5.6.1
SHEET NUMBER



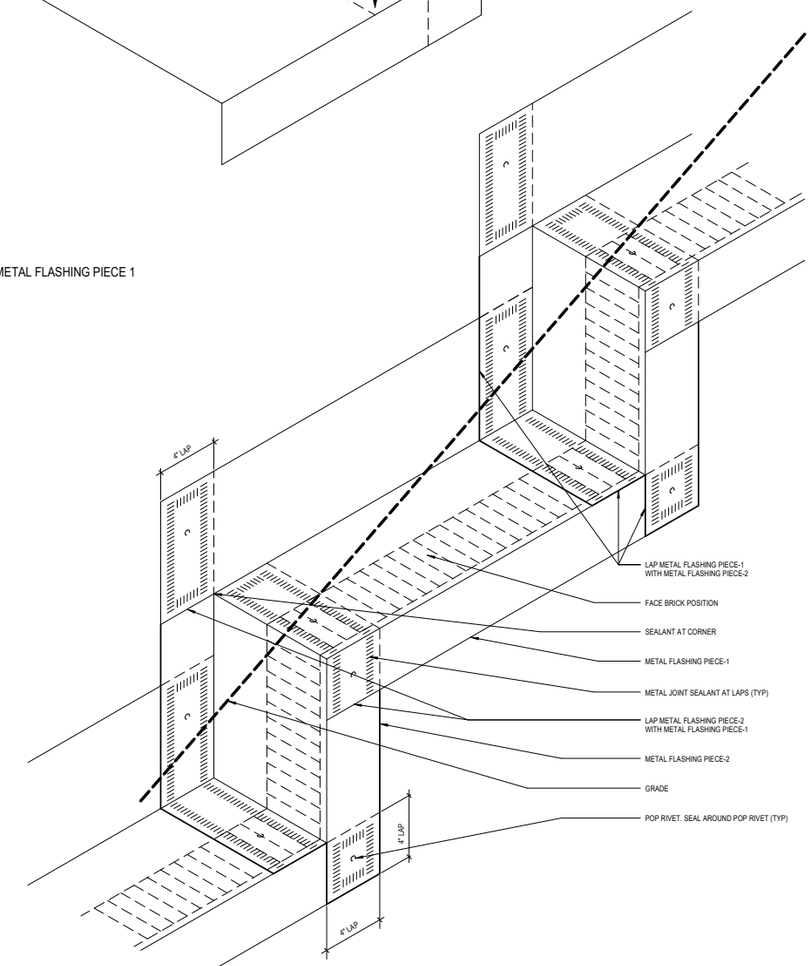
E METAL FLASHING PIECE 3



D STEP FLASHING AT FACE BRICK WEEP



B METAL FLASHING PIECE 1



A STEP FLASHING AT BRICK LEDGE

72 METAL FLASHING END DAM
SCALE: 3" = 1'-0"

Plot Date: 11/19/2018 5:38:02 PM SGUR RSC

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

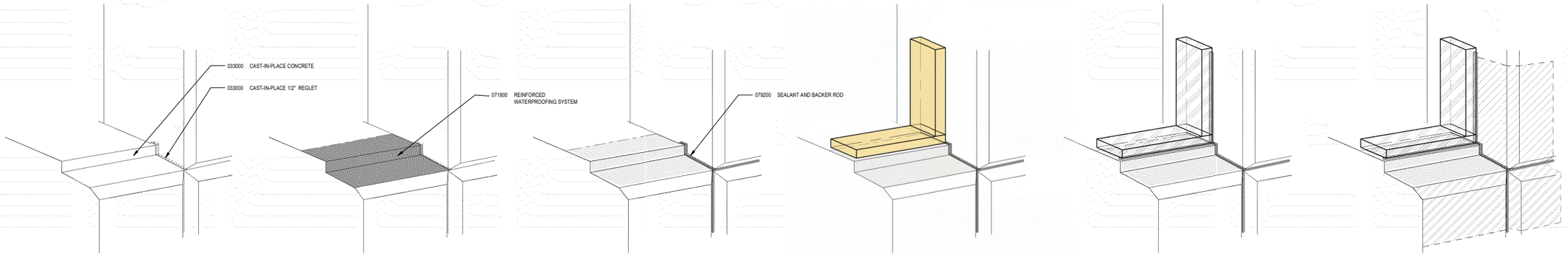
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

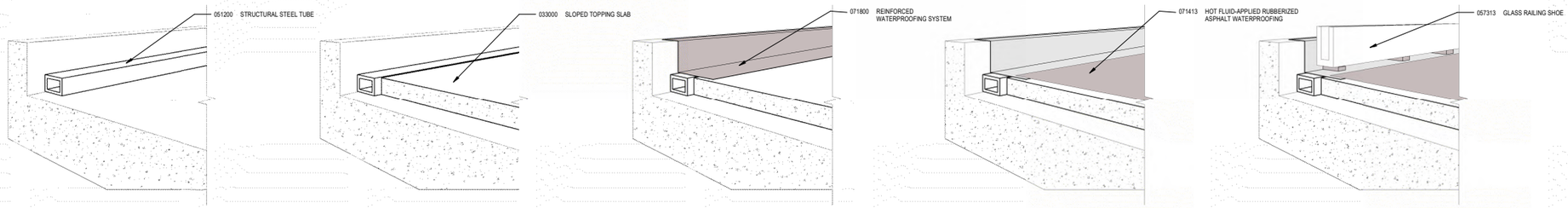
LICENSED ARCHITECT
REGINAL L. DIVERSION
C-8790
9-31-19
RENEWAL
STATE OF CALIFORNIA

SHEET TITLE
FLASHING DETAILS

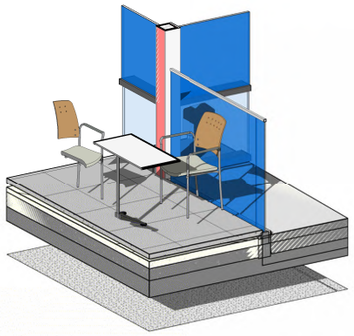
PROJECT NUMBER
A5.6.2
SHEET NUMBER



1 PMMA FLASHING AT LAB WINDOWS
SCALE: NOT TO SCALE



2 FLASHING AT EXTERIOR GLASS RAILING
SCALE: NOT TO SCALE



3 TERRACE SECTION
SCALE:

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017

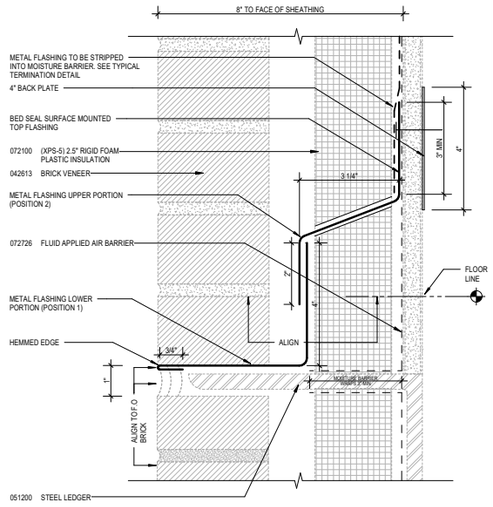
SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFFENDERFER
C-8790
8.31.19
RENEWAL DATE
STATE OF CALIFORNIA

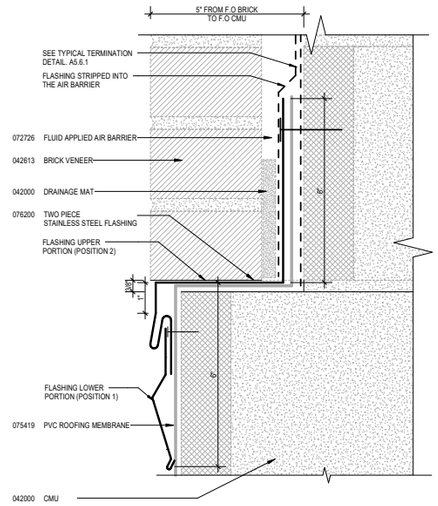
SHEET TITLE
FLASHING DETAILS

PROJECT NUMBER
A5.6.3
SHEET NUMBER

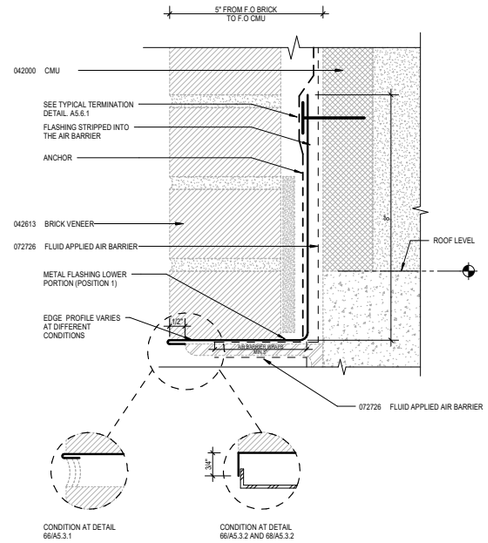
Plot Date: 11/19/2018 5:38:21 PM Author



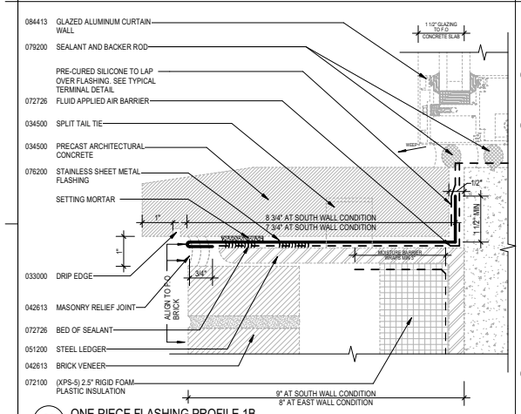
67 TWO PIECE FLASHING PROFILE 2A
SCALE: 6" = 1'-0"



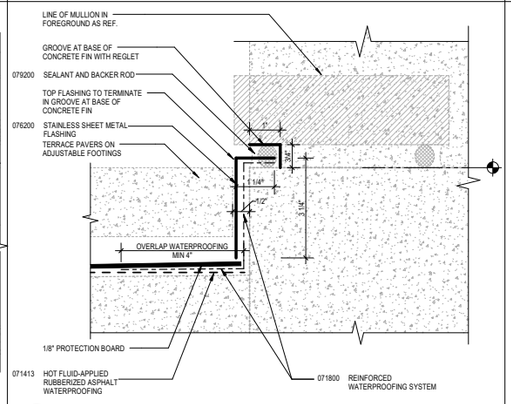
51 TWO PIECE FLASHING PROFILE 2B
SCALE: 6" = 1'-0"



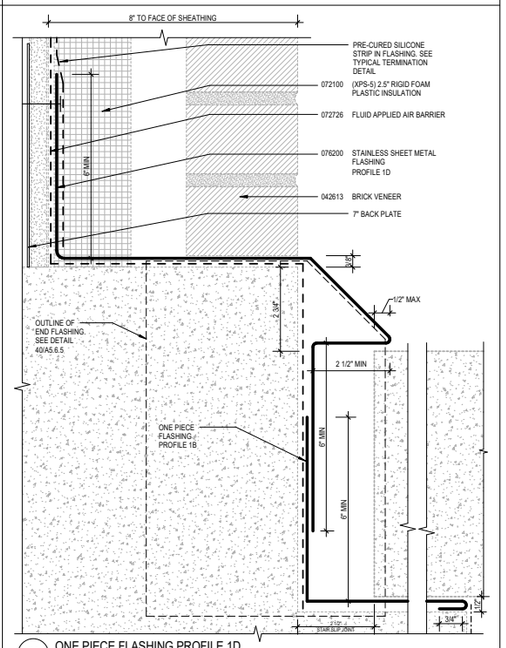
35 ONE PIECE FLASHING PROFILE 1A
SCALE: 6" = 1'-0"



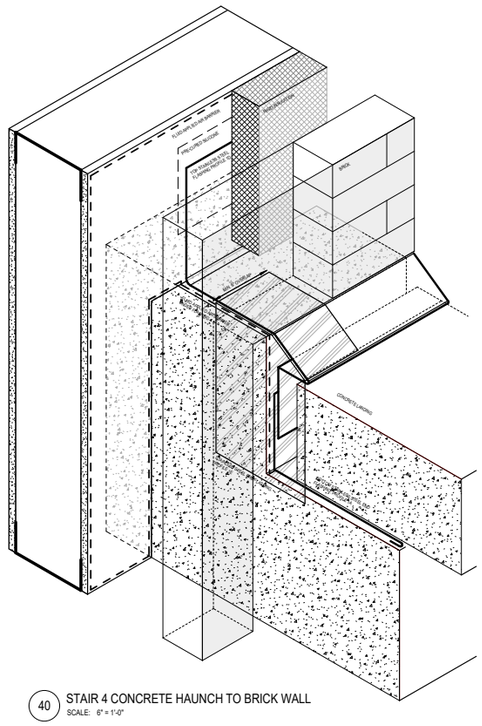
69 ONE PIECE FLASHING PROFILE 1B
SCALE: 6" = 1'-0"



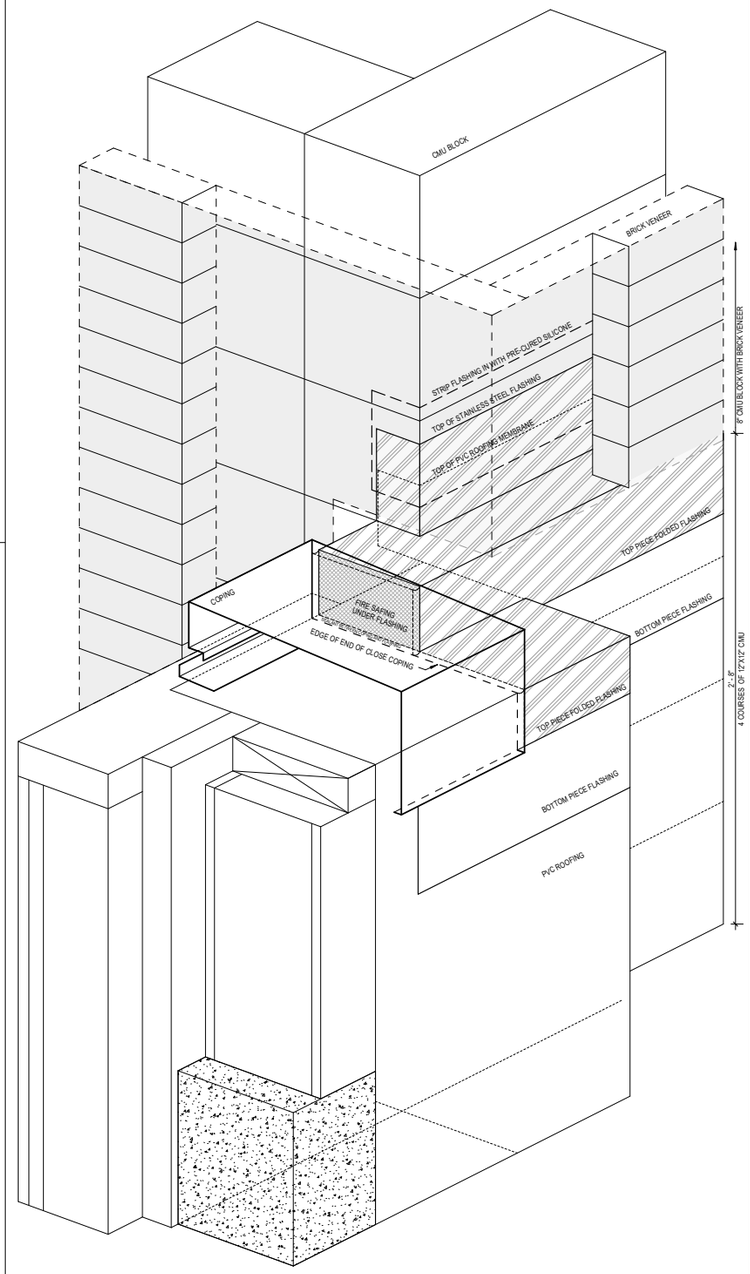
53 ONE PIECE FLASHING PROFILE 1C
SCALE: 6" = 1'-0"



56 ONE PIECE FLASHING PROFILE 1D
SCALE: 6" = 1'-0"



40 STAIR 4 CONCRETE HAUNCH TO BRICK WALL
SCALE: 6" = 1'-0"



22 CURTAIN WALL TO BRICK MASONRY TERMINATION
SCALE: 3" = 1'-0"

Author
Plot Date: 1/19/2018 5:38:32 PM

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

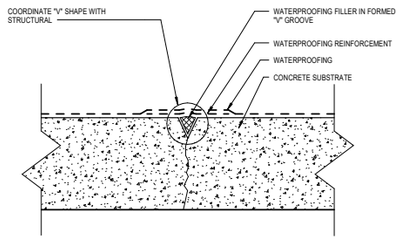
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017

SEALS AND SIGNATURES

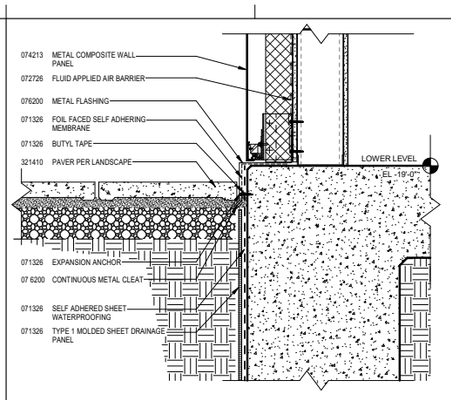
LICENSED ARCHITECT WILLIAM L. DIEDERICH C-8790 8-31-19 RENEWAL DATE STATE OF CALIFORNIA

SHEET TITLE
FLASHING DETAILS

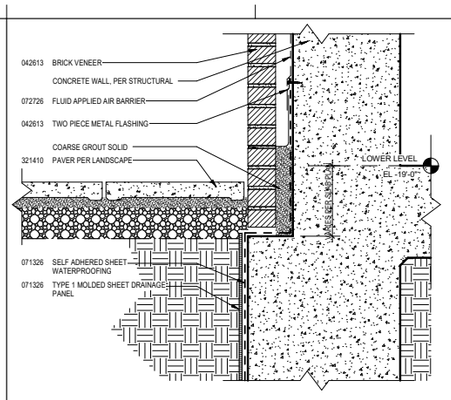
PROJECT NUMBER
A5.6.5
SHEET NUMBER



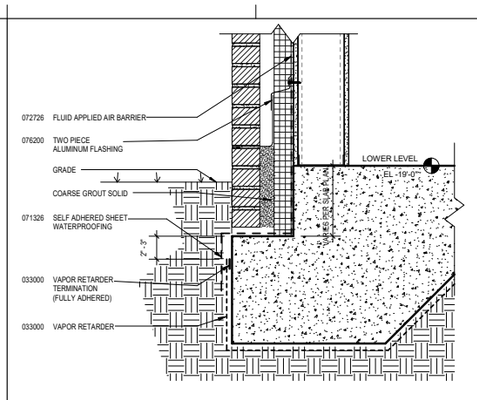
58 CONSTRUCTION / CONTROL JOINT SECTION DETAIL
SCALE: 3" = 1'-0"



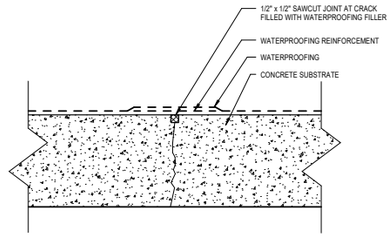
42 WATERPROOFING SYSTEM DETAIL AT GRADE
SCALE: 1 1/2" = 1'-0"



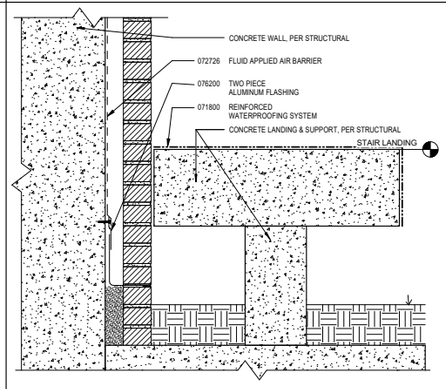
26 WATERPROOFING SYSTEM DETAIL AT GRADE
SCALE: 1 1/2" = 1'-0"



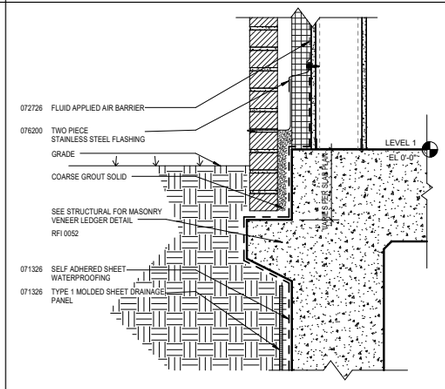
10 WATERPROOFING SYSTEM DETAIL AT GRADE
SCALE: 1 1/2" = 1'-0"



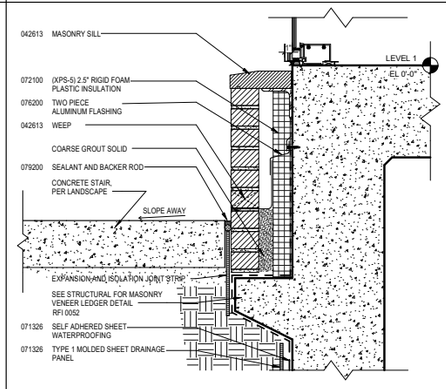
60 CRACK SECTION DETAIL
SCALE: 3" = 1'-0"



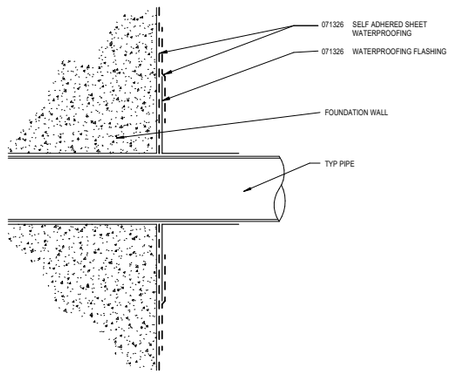
44 WATERPROOFING SYSTEM DETAIL AT STAIR 4 BOTTOM LANDING
SCALE: 1 1/2" = 1'-0"



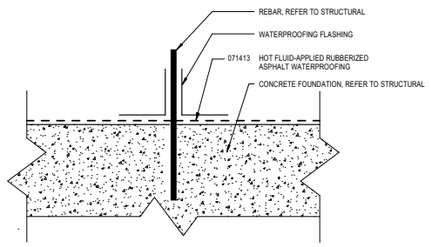
28 WATERPROOFING SYSTEM DETAIL AT BRICK HAUNCH
SCALE: 1 1/2" = 1'-0"



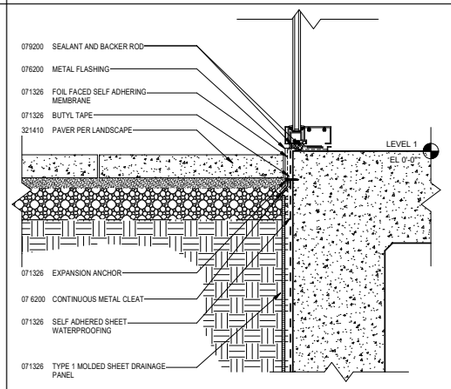
12 WATERPROOFING SYSTEM DETAIL AT MONUMENTAL STAIRS
SCALE: 1 1/2" = 1'-0"



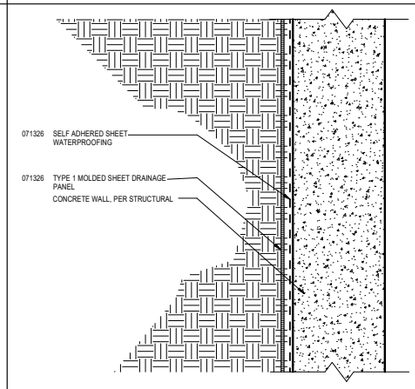
62 PIPE PENETRATION SECTION DETAIL AT WATERPROOFING
SCALE: 3" = 1'-0"



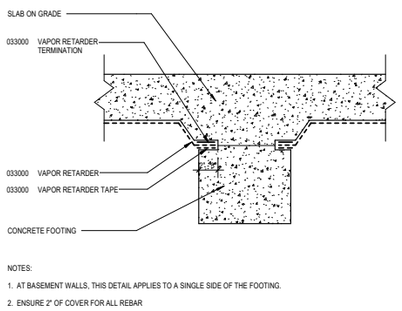
46 REBAR PENETRATION DETAIL
SCALE: 3" = 1'-0"



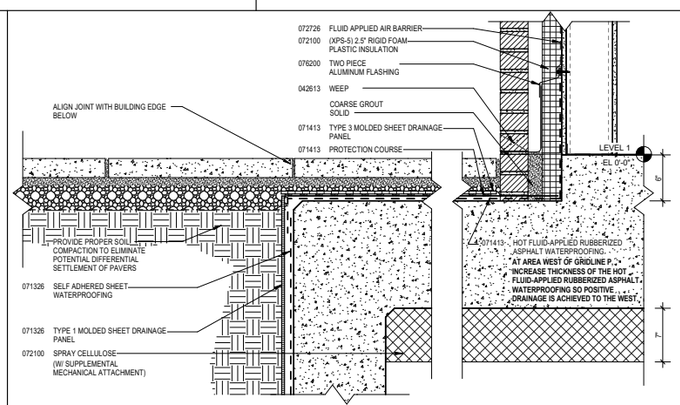
30 WATERPROOFING SYSTEM DETAIL AT PAVER PLAZA
SCALE: 1 1/2" = 1'-0"



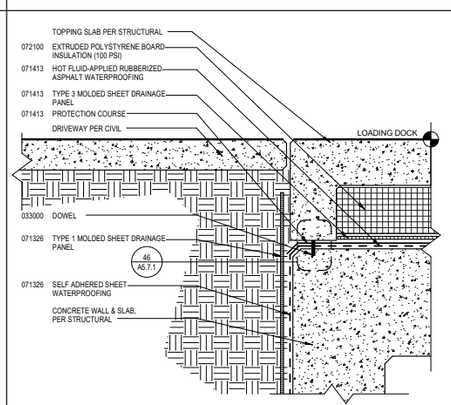
14 BELOW GRADE WALL WATERPROOFING SYSTEM DETAIL
SCALE: 1 1/2" = 1'-0"



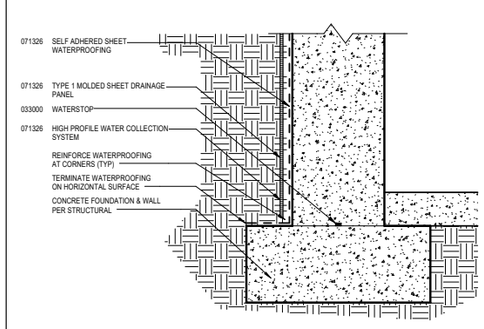
72 VAPOR BARRIER AT FOUNDATION
SCALE: 1 1/2" = 1'-0"



56 WATERPROOFING SYSTEM DETAIL AT PAVER PLAZA OVER ENCLOSED SPACE
SCALE: 1 1/2" = 1'-0"



32 WATERPROOFING SYSTEM DETAIL AT LOADING DOCK
SCALE: 1 1/2" = 1'-0"



16 BELOW GRADE WALL WATERPROOFING AT FOOTING
SCALE: 1 1/2" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 17	17	22 OCT 2018
BULLETIN 6	6	06 APR 2017
DSA RECORD SET		28 MAR 2017
DP2B - IFC		24 JAN 2017
DP2B - CD 95%		23 DEC 2016
DP2B - CD 75%		08 NOV 2016

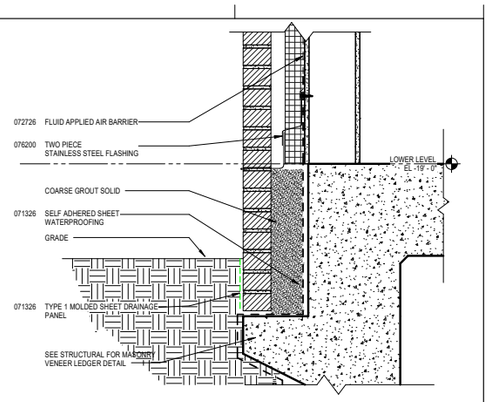
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFFENDERFER C-8790 8-31-19 RENEW STATE OF CALIFORNIA

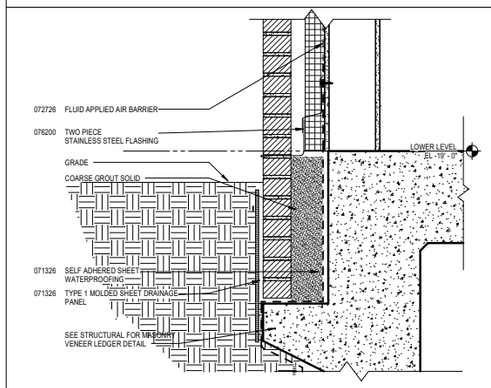
SHEET TITLE
BELOW GRADE WATERPROOFING DETAILS

PROJECT NUMBER
A5.7.1
SHEET NUMBER

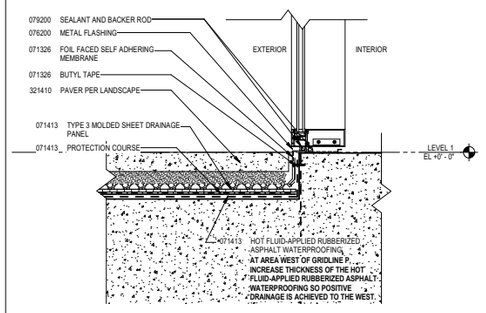
Author
11/19/2018 5:38:46 PM
Plot Date:



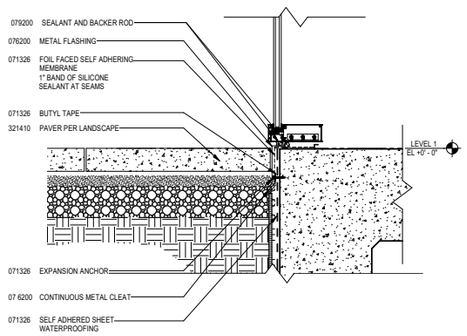
10 BRICK SILL TO CONCRETE SLAB2
SCALE: 1 1/2" = 1'-0"



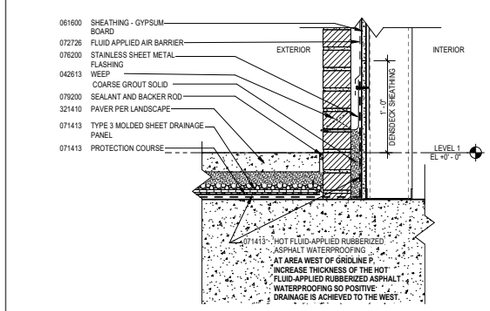
12 BRICK FOOTING
SCALE: 1 1/2" = 1'-0"



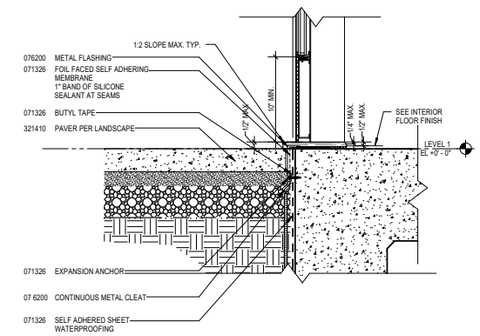
30 EAST EXTERIOR WALL CURTAIN WALL SILL ABOVE LOWER LEVEL
SCALE: 1 1/2" = 1'-0"



14 EAST EXTERIOR WALL CURTAIN WALL SILL
SCALE: 1 1/2" = 1'-0"



32 BRICK BASE AT SLAB AND PAVERS
SCALE: 1 1/2" = 1'-0"



16 EAST EXTERIOR WALL CURTAIN WALL DOOR THRESHOLD
SCALE: 1 1/2" = 1'-0"

Plot Date: 11/19/2018 5:38:59 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

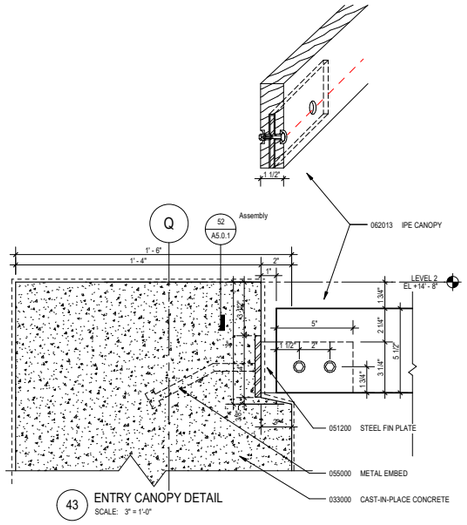
ISSUED FOR	REV	DATE
RECORD DRAWINGS		*05 NOV 2018*
BULLETIN 14	*14*	*02 APRIL 2018*
BULLETIN 11	*11*	*21 NOV 2017*
BULLETIN 6	*6*	*06 APR 2017*

SEALS AND SIGNATURES

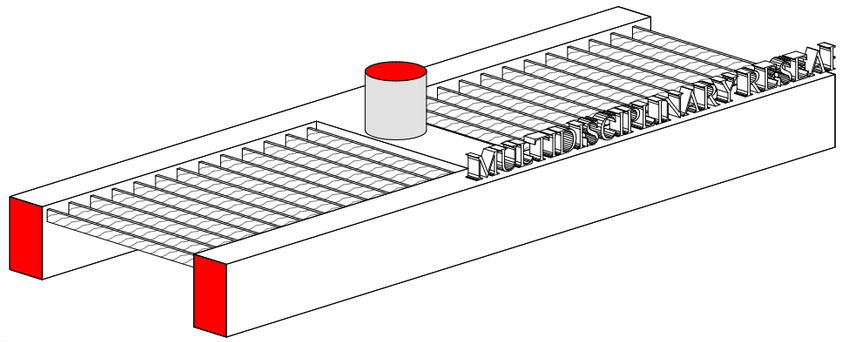


SHEET TITLE
BELOW GRADE WATERPROOFING DETAILS

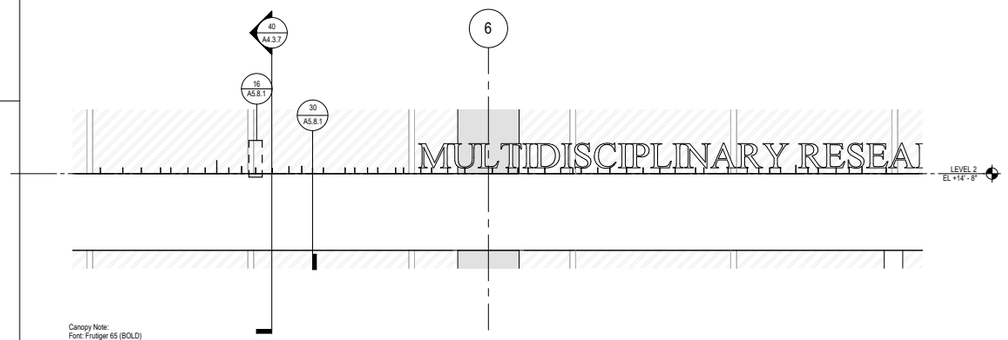
PROJECT NUMBER
A5.7.2
SHEET NUMBER



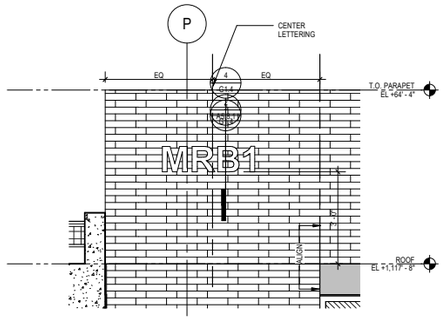
43 ENTRY CANOPY DETAIL
SCALE: 3" = 1'-0"



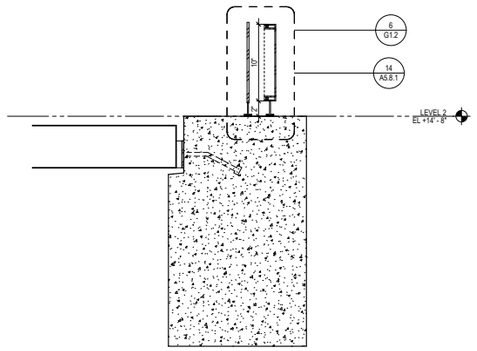
26 ENTRY SIGNAGE
SCALE:



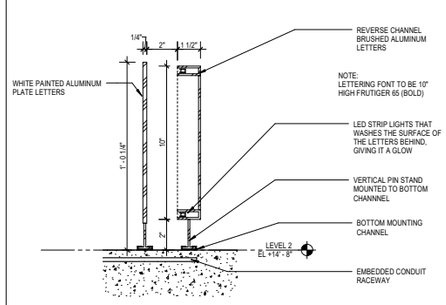
28 ENLARGED - EAST ELEVATION SIGNAGE
SCALE: 1/2" = 1'-0"



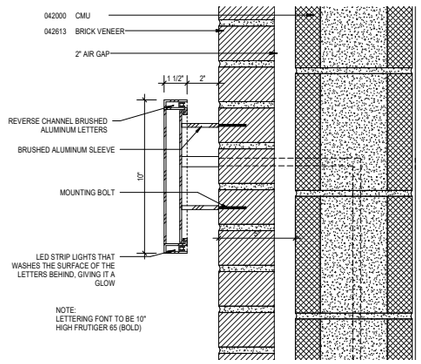
1 ENLARGED - PARAPET SIGNAGE AT NORTH ELEVATION
SCALE: 1/2" = 1'-0"



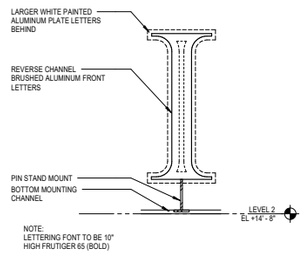
30 ENTRY SIGNAGE DETAILS
SCALE: 1 1/2" = 1'-0"



14 ENTRY SIGNAGE ENLARGED
SCALE: 3" = 1'-0"



2 PARAPET SIGNAGE ENLARGED
SCALE: 3" = 1'-0"



16 Detail 32
SCALE: 3" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017
DP3 - CD 75%		14 FEB 2017

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM L. DIFENDERFER
C-8790
8-31-19
RENEWAL
STATE OF CALIFORNIA

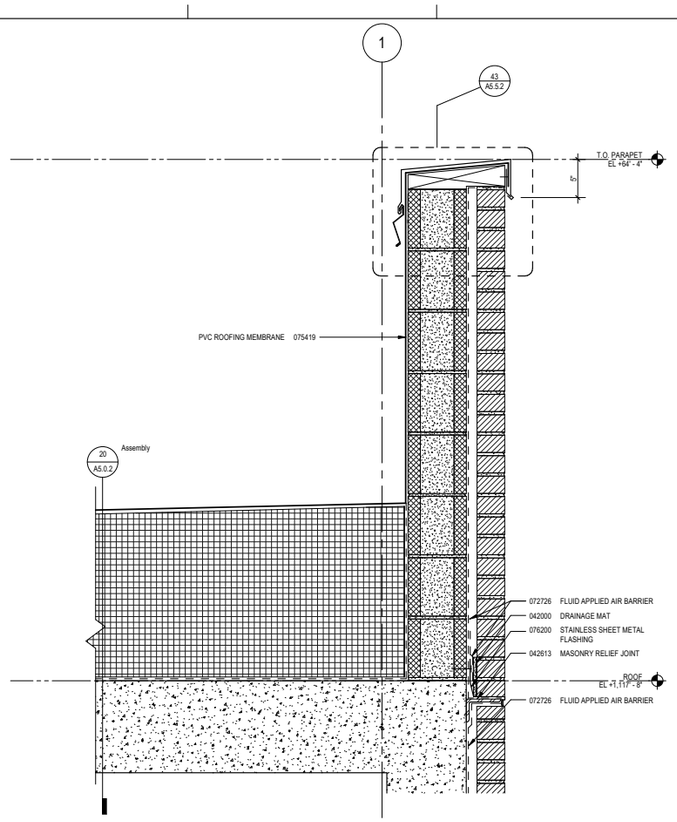
SHEET TITLE
EXTERIOR ENTRY CANOPY SIGNAGE

PROJECT NUMBER

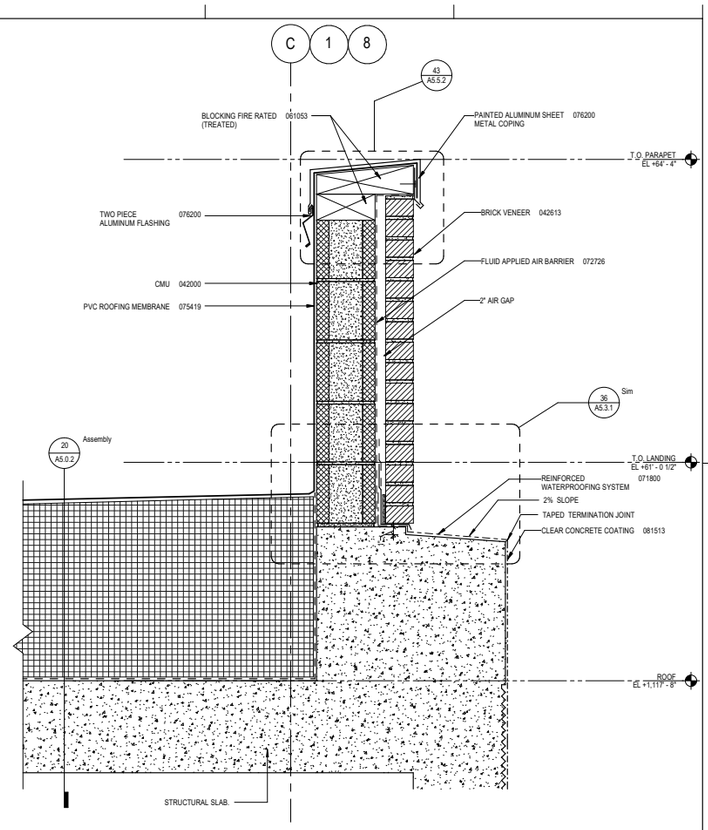
A5.8.1

SHEET NUMBER

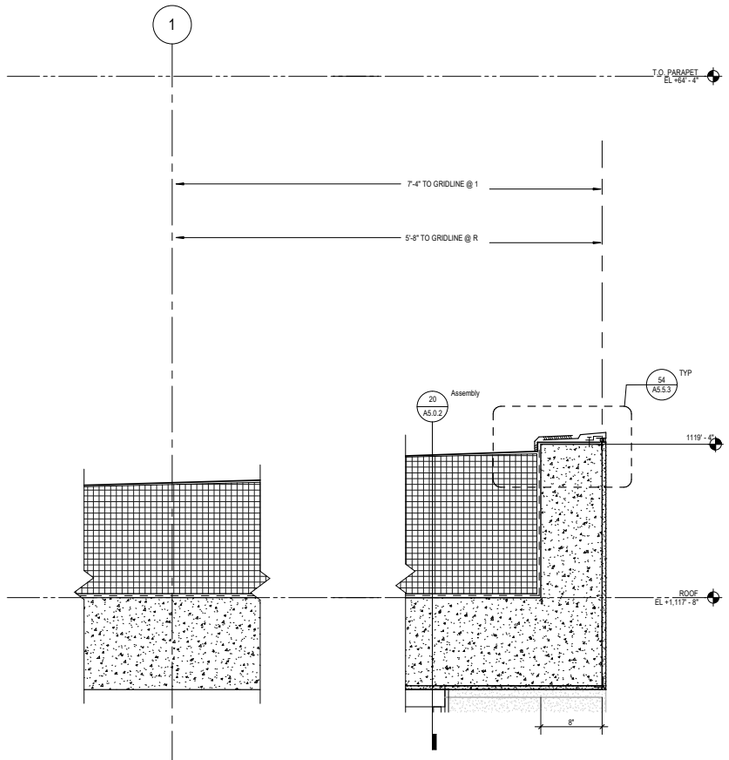
Plot Date: 11/19/2018 5:39:19 PM Author



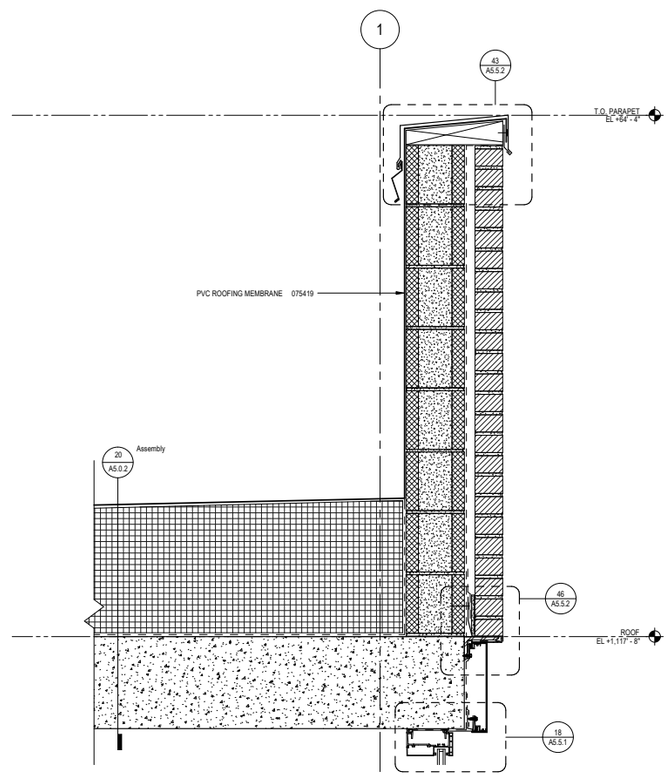
44 BRIK AND CMU PARAPET GL 1
SCALE: 1 1/2" = 1'-0"



20 BRICK AND CMU PARAPET GL's C & 1
SCALE: 1 1/2" = 1'-0"



72 PARAPET AT GRIDLINE 1 AND R
SCALE: 1 1/2" = 1'-0"



48 BRICK AND CMU PARAPET GL 1 AND M,N
SCALE: 1 1/2" = 1'-0"

Plot Date: 11/19/2018 5:39:30 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

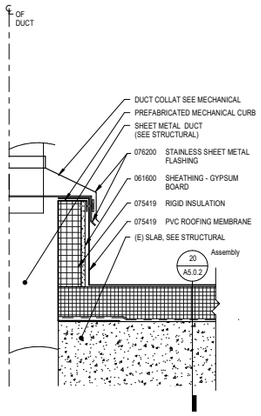
ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017

SEALS AND SIGNATURES

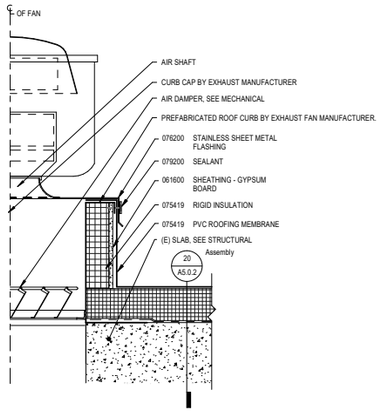


SHEET TITLE
ROOFING DETAILS

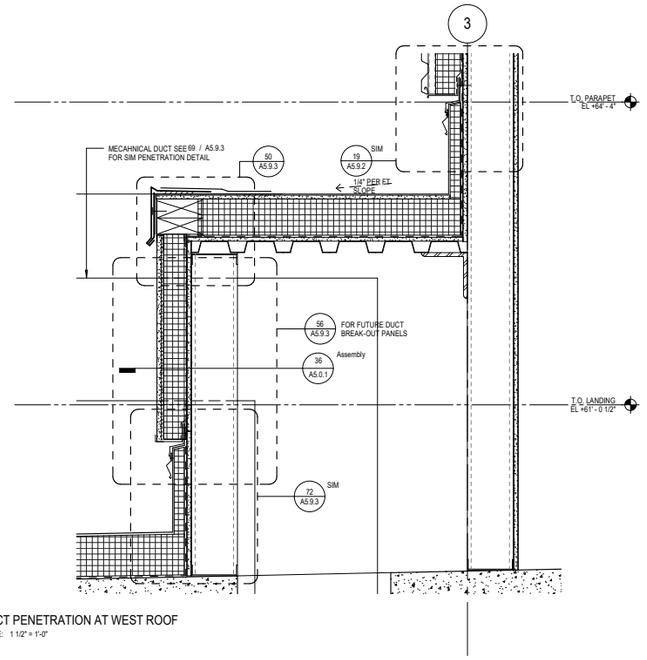
PROJECT NUMBER
A5.9.1
SHEET NUMBER



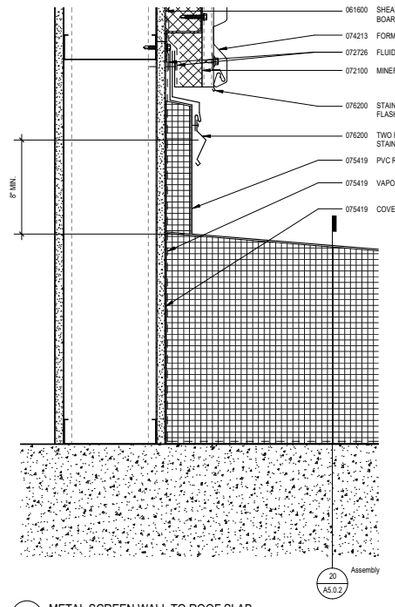
67 ROOF PENETRATION FOR DUCT
SCALE: 1 1/2" = 1'-0"



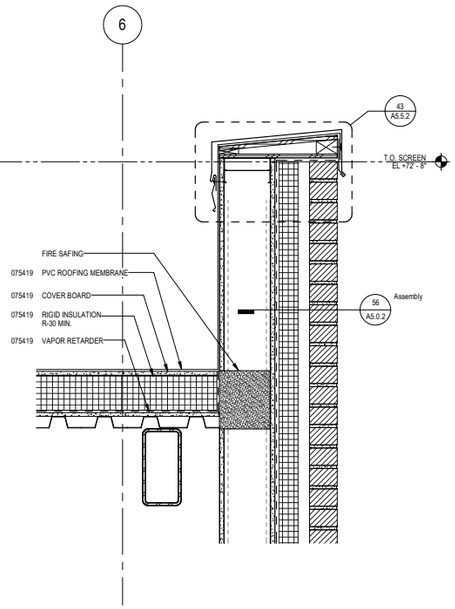
51 ROOF PENETRATION FOR FAN
SCALE: 1 1/2" = 1'-0"



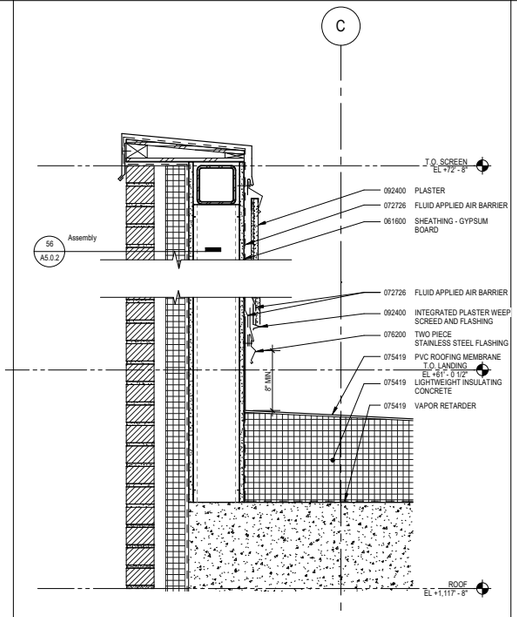
35 DUCT PENETRATION AT WEST ROOF
SCALE: 1 1/2" = 1'-0"



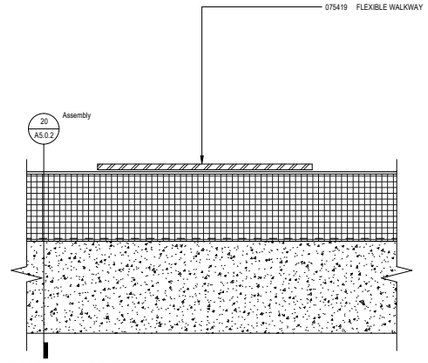
19 METAL SCREEN WALL TO ROOF SLAB
SCALE: 3" = 1'-0"



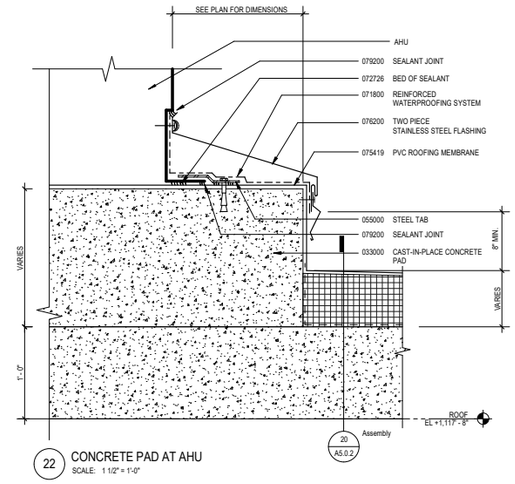
70 BRICK PARAPET WALL TO DECK ROOF
SCALE: 1 1/2" = 1'-0"



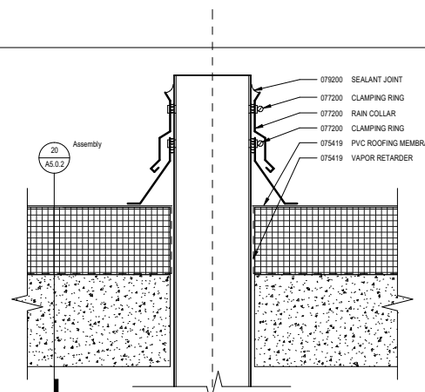
54 BRICK PARAPET TO CONCRETE ROOF
SCALE: 1 1/2" = 1'-0"



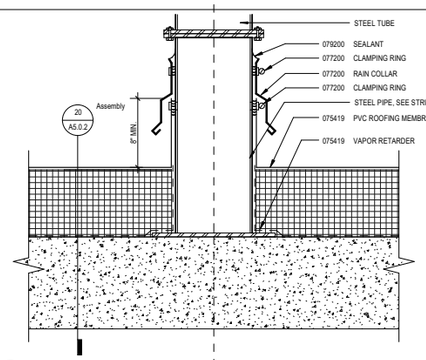
38 ROOF WALKING PAD
SCALE: 1 1/2" = 1'-0"



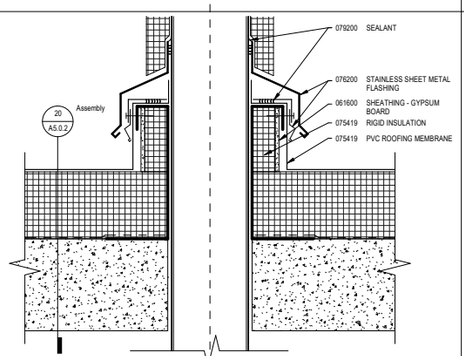
22 CONCRETE PAD AT AHU
SCALE: 1 1/2" = 1'-0"



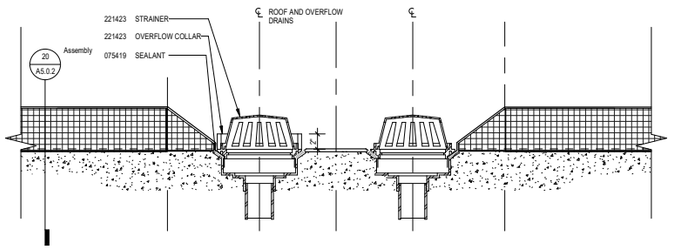
72 PIPE/DUCT PENETRATION AT ROOF
SCALE: 1 1/2" = 1'-0"



56 ROOF DAVIT TO BASE
SCALE: 1 1/2" = 1'-0"



40 INSULATED DUCT PENETRATION AT ROOF
SCALE: 1 1/2" = 1'-0"



24 TYPICAL ROOF DRAIN WITH OVERFLOW
SCALE: 1 1/2" = 1'-0"

Plot Date: 11/19/2018 5:39:45 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017

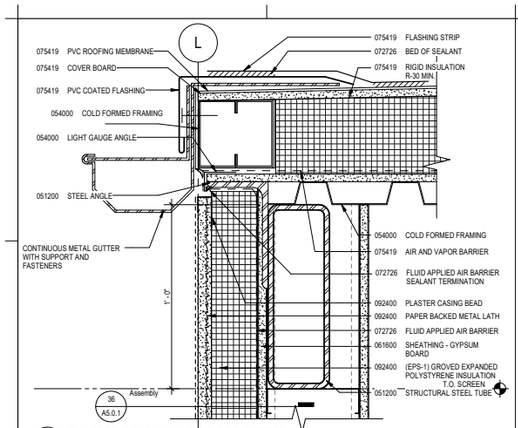
SEALS AND SIGNATURES

LICENSED ARCHITECT REGINAL I. DIEMOND C-8790 9-31-19 RENEWAL STATE OF CALIFORNIA

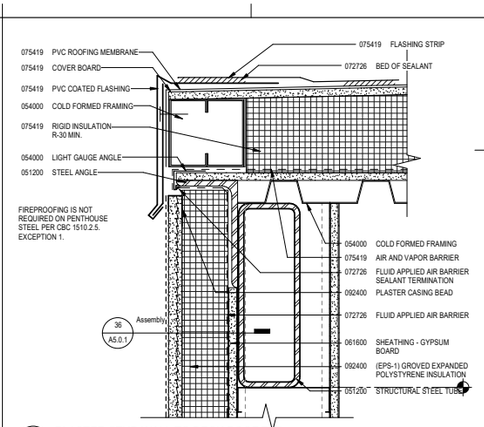
SHEET TITLE
ROOFING DETAILS

PROJECT NUMBER
A5.9.2

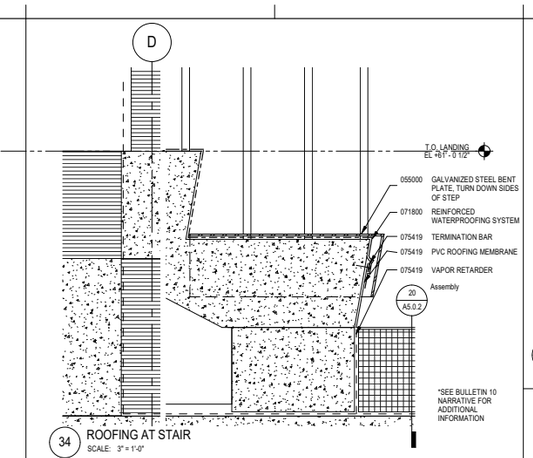
SHEET NUMBER



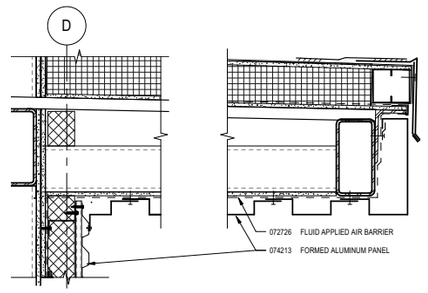
66 PLASTER STUD WALL TO ROOF GUTTER
SCALE: 3" = 1'-0"



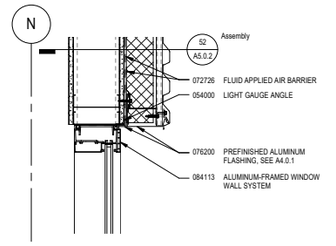
50 PLASTER STUD WALL TO DECK ROOF TYP.
SCALE: 3" = 1'-0"



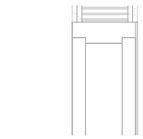
34 ROOFING AT STAIR
SCALE: 3" = 1'-0"



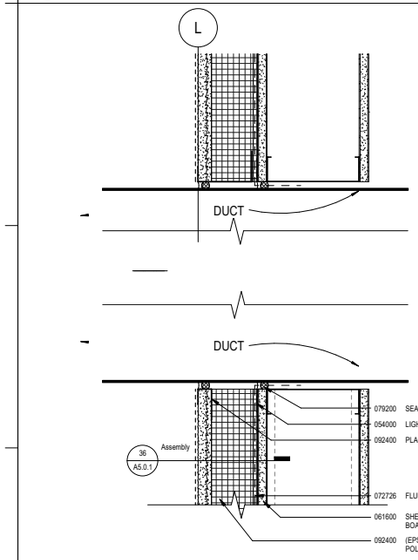
18 ELEVATOR PENTHOUSE E-W SECTION CANOPY
SCALE: 1 1/2" = 1'-0"



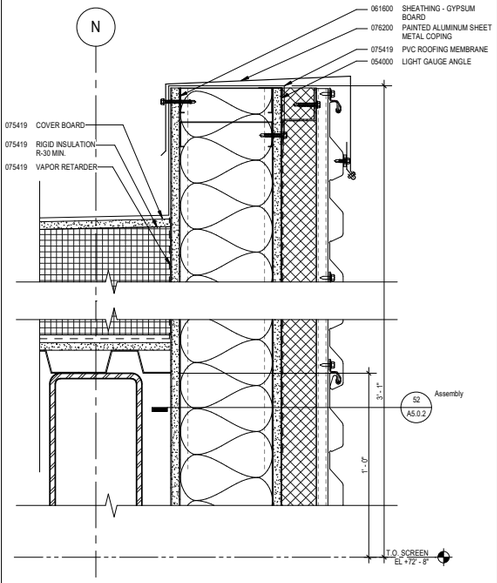
19 METAL SCREEN WALL TO GLAZING HEAD
SCALE: 1 1/2" = 1'-0"



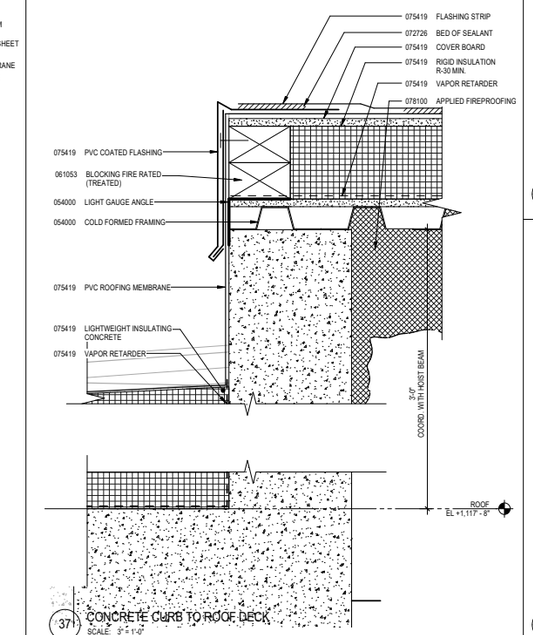
3 DOOR HEAD TO PLASTER WALL
SCALE: 1 1/2" = 1'-0"



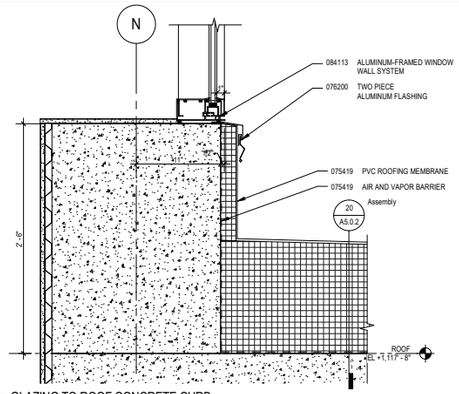
69 DUCT PENETRATION AT PLASTER STUD WALL
SCALE: 3" = 1'-0"



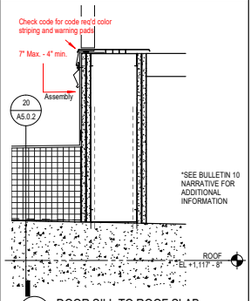
53 METAL SCREEN WALL TO ROOF
SCALE: 3" = 1'-0"
*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION



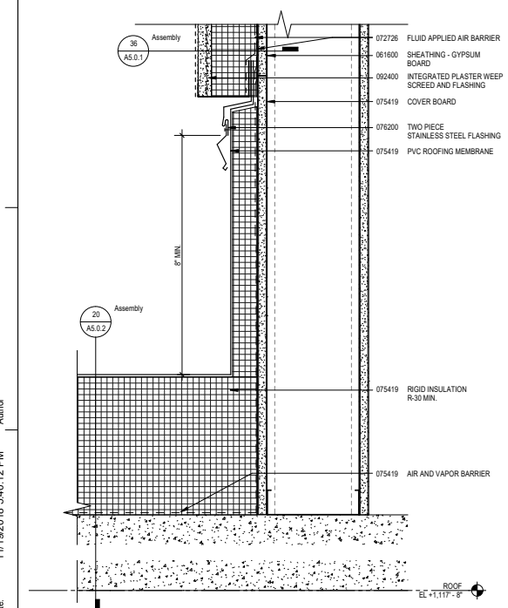
37 CONCRETE CURB TO ROOF DECK
SCALE: 3" = 1'-0"



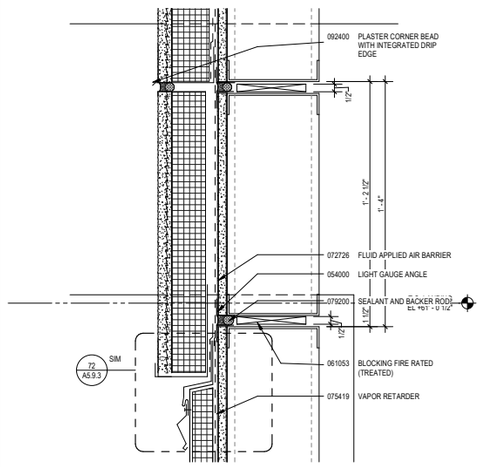
21 GLAZING TO ROOF CONCRETE CURB
SCALE: 1 1/2" = 1'-0"



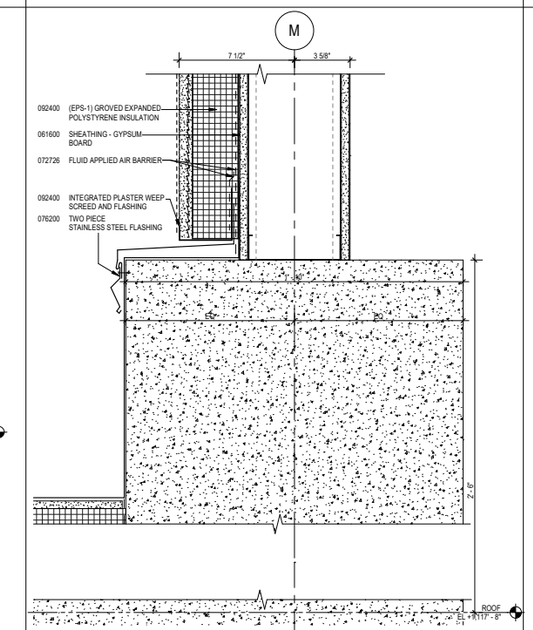
5 DOOR SILL TO ROOF SLAB
SCALE: 1 1/2" = 1'-0"



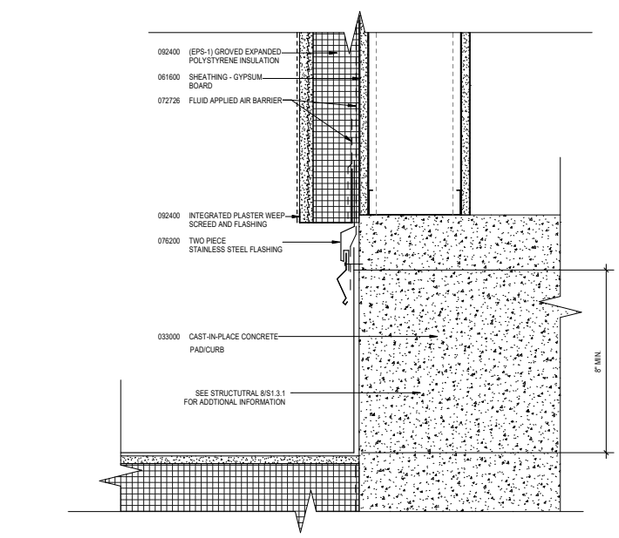
72 PLASTER STUD WALL BASE TO CONCRETE ROOF SLAB
SCALE: 3" = 1'-0"



56 FUTURE DUCT PENETRATION
SCALE: 3" = 1'-0"



40 PLASTER STUD WALL BASE TO CONCRETE CURB 2
SCALE: 3" = 1'-0"



24 PLASTER STUD WALL TO CONCRETE CURB/PAD TYPICAL
SCALE: 3" = 1'-0"

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECT'S OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 17	17	22 OCT 2018
BULLETIN 16	16	19 JULY 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 11	11	21 NOV 2017
BULLETIN 10	10	05 OCT 2017
BULLETIN 9	9	24 AUG 2017
BULLETIN 8	8	24 JUL 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017

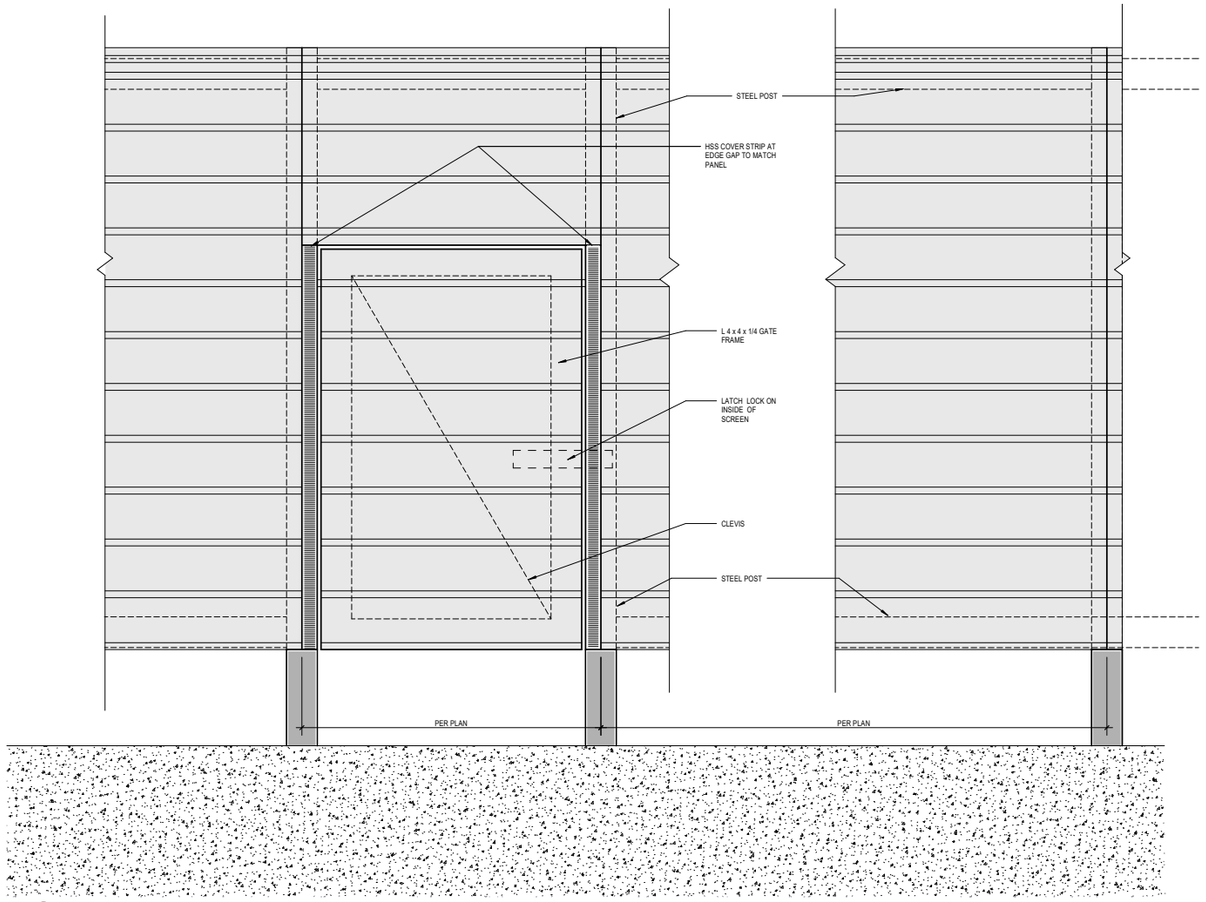
SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM I. DIVERSON C-8790 8-31-19 RENEWAL STATE OF CALIFORNIA

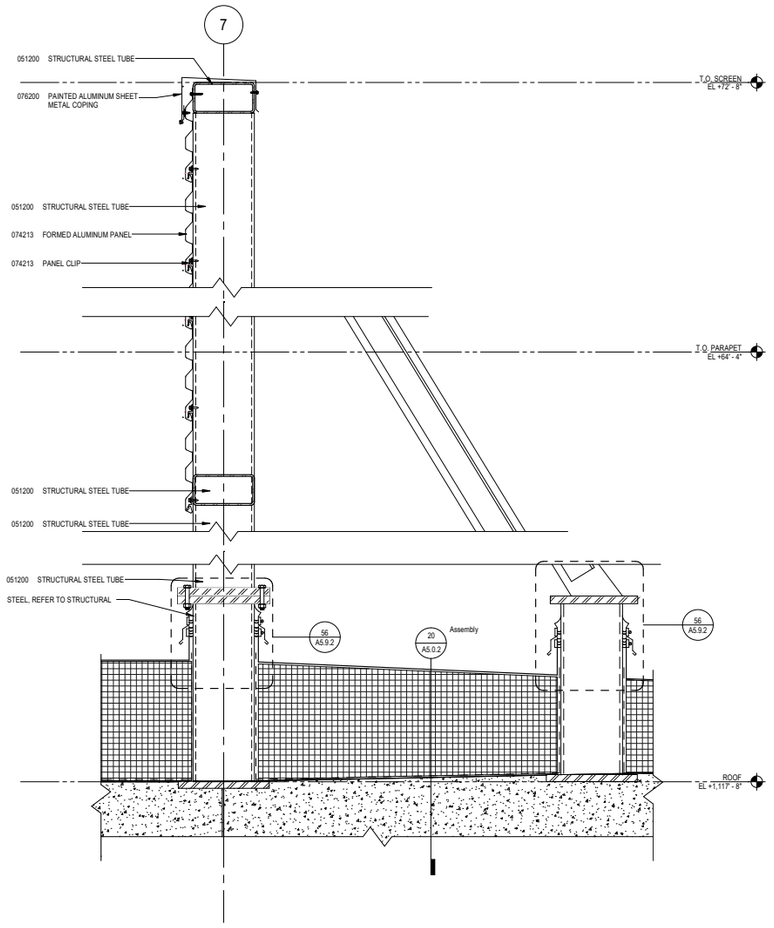
SHEET TITLE
ROOFING DETAILS

PROJECT NUMBER
A5.9.3
SHEET NUMBER

Author
Plot Date: 11/19/2018 5:40:12 PM

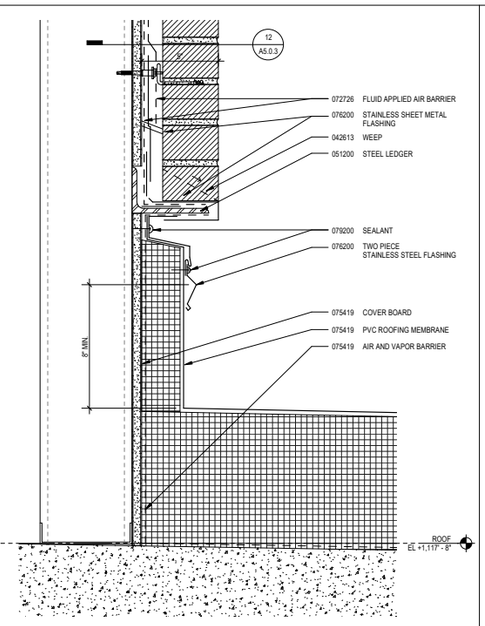


69 ROOF SCREEN ELEVATION
SCALE: 1 1/2" = 1'-0"

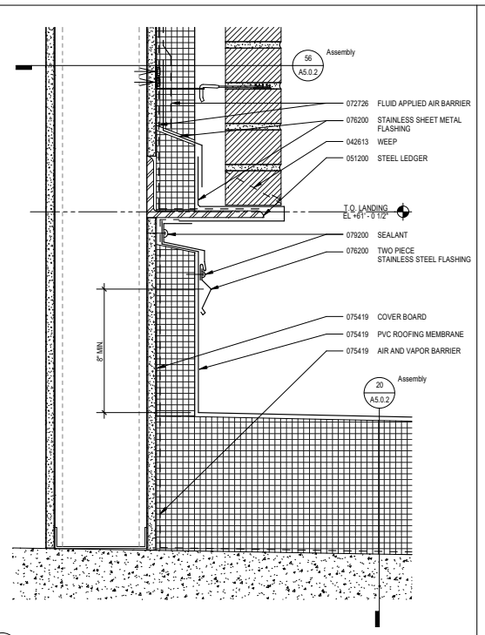


29 METAL MECHANICAL SCREEN
SCALE: 1 1/2" = 1'-0"

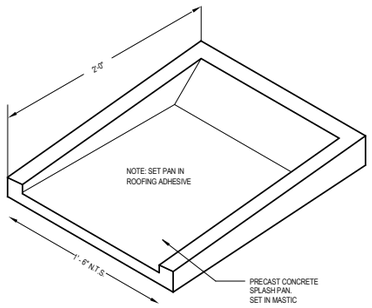
*SEE BULLETIN 10 NARRATIVE FOR ADDITIONAL INFORMATION



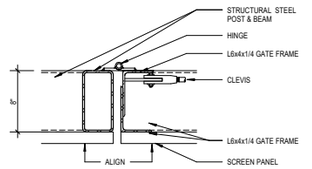
72 BRICK FIN TO ROOF
SCALE: 3" = 1'-0"

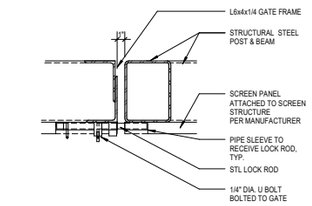


56 SECTION DETAIL BRICK TO ROOF
SCALE: 3" = 1'-0"



40 SPLASH PAN
SCALE: 1 1/2" = 1'-0"





24 ROOF SCREEN DOOR DETAILS
SCALE: 1 1/2" = 1'-0"

Plot Date: 11/19/2018 5:40:24 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018
BULLETIN 12	12	18 JAN 2018
BULLETIN 10	10	05 OCT 2017
DP3 - IFC		27 JUN 2017
DP3 - CD 95%		25 APR 2017
DSA RECORD SET		28 MAR 2017

SEALS AND SIGNATURES

LICENSED ARCHITECT WILLIAM L. DIFRANCO C-8790 8-31-19 RENEWAL DATE STATE OF CALIFORNIA

SHEET TITLE
ROOFING DETAILS

PROJECT NUMBER
A5.9.4

SHEET NUMBER

Plot Date: 11/19/2018 5:40:29 PM Author

University of California, Riverside
900 University Ave.
Riverside, CA 92521

Multidisciplinary Research Building 1
Project No. 950528

HENSEL PHELPS
Plan. Build. Manage.
GENERAL CONTRACTOR
18850 Von Karman Ave, Suite 100
Irvine, CA 92612
T 949.852.0111

SMITHGROUP
550 SOUTH HOPE STREET
SUITE 1950
LOS ANGELES, CA 90071
213.228.6900
www.smithgroupjjr.com

RECORD DRAWING

DISCLAIMER REGARDING ACCURACY - THESE DRAWINGS ARE BASED UPON INFORMATION SUPPLIED BY THE PROJECTS OWNER/CONTRACTOR. THE ENGINEER HAS NOT BEEN RETAINED TO, AND HAS NOT VERIFIED THE INFORMATION SUPPLIED. ALL LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS ARE IN APPROXIMATION, AND ACTUAL FIELD VERIFICATIONS MAY VARY FROM THESE DRAWINGS. THE ENGINEER, THEREFORE, MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE LOCATIONS, DIMENSIONS, AND OTHER INFORMATION CONTAINED HEREIN. FURTHER, THE ENGINEER DISCLAIMS RESPONSIBILITY FOR ANY DEVIATION BETWEEN THE LOCATIONS, DIMENSIONS AND OTHER INFORMATION CONTAINED IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS.

DATE 05 NOV 2018

ISSUED FOR	REV	DATE
RECORD DRAWINGS		05 NOV 2018

SEALS AND SIGNATURES

LICENSED ARCHITECT
WILLIAM I. DIFENDER
C-8790
5-31-19
RENEW
STATE OF CALIFORNIA

SHEET TITLE
ROOFING DETAILS

PROJECT NUMBER
A5.9.5
SHEET NUMBER