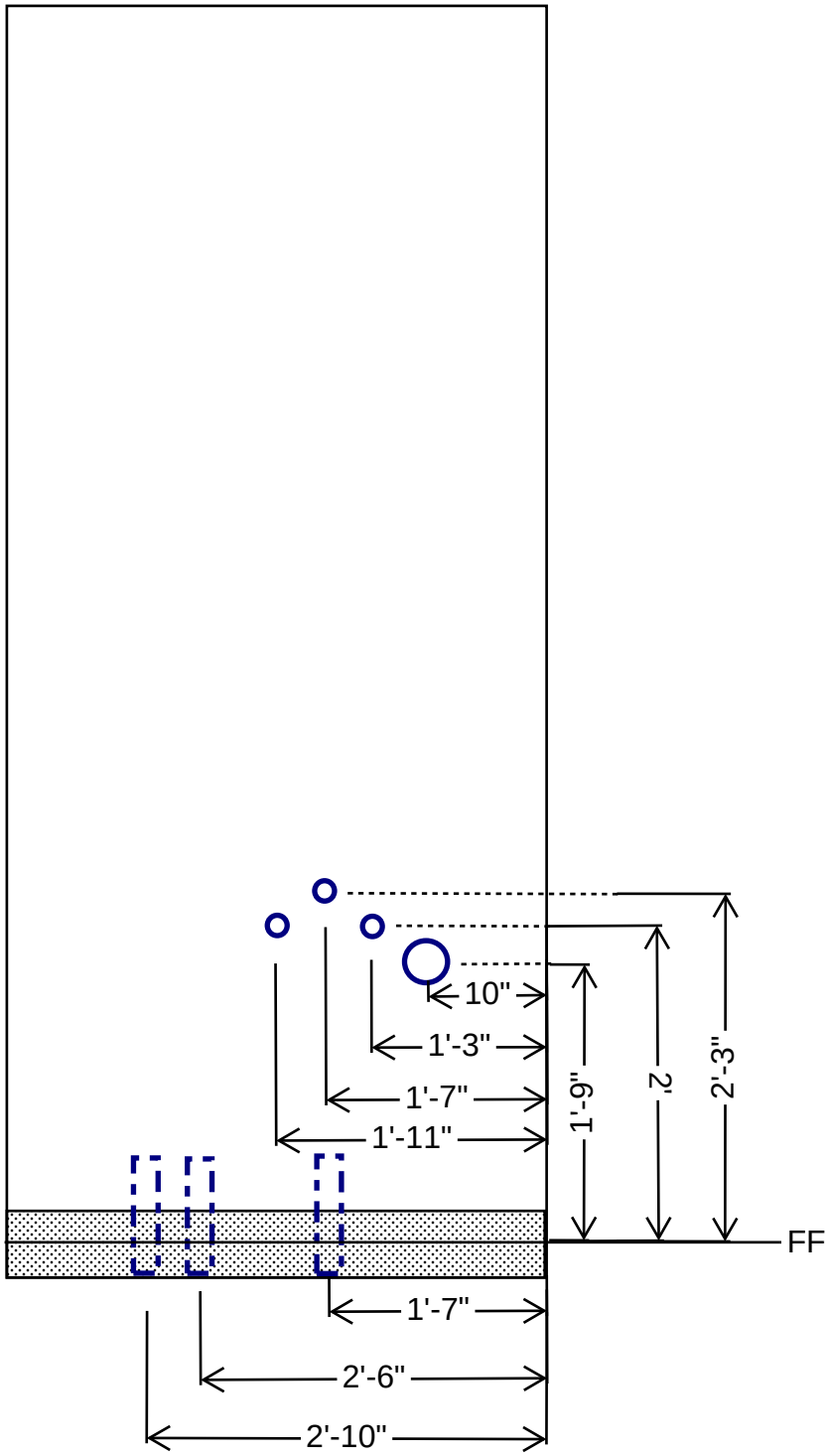
TYIPICAL MEMBER TOILET LAVATORY
WALL ROUGH-IN

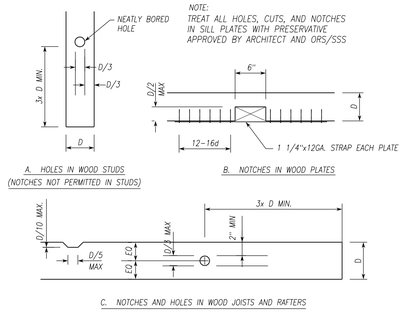
Notes;

Only plumbing rough-in shown.

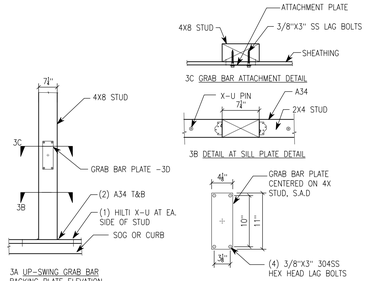
All dimensions are from finish floor and/or face of stud of adjacent wall.

Drawing is not to scale.

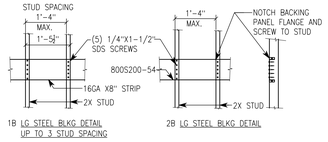


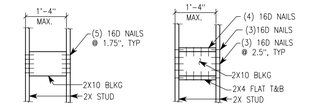



## 9 TYP. REQUIREMENTS FOR HOLES & NOTCHES
SCALE = N.T.S.




### BACKING PLATE TYPE-3
BACKING PLATE FOR UP-SWING GRAB BAR - MAX. LOAD = 300 LBS.
USE 4X8 STUD TO FRAME UP-SWING GRAB BAR

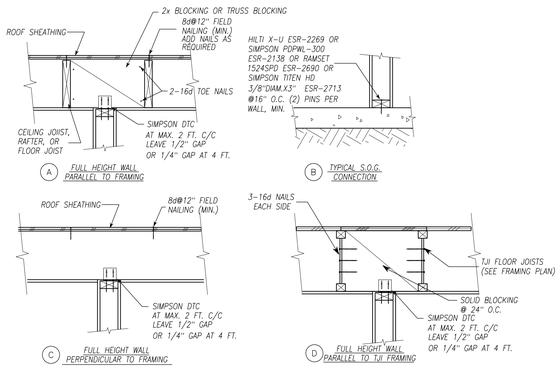



BACKING PLATE TYPE-1
BACKING PLATE FOR LIGHT MISC. ITEMS
MAX. LOAD = 100 PLF

BACKING PLATE TYPE-2
BACKING PLATE FOR HEAVY ITEMS, SUCH AS GRAB RAIL, ETC.
MAX. LOAD = 300 LBS/PLATE

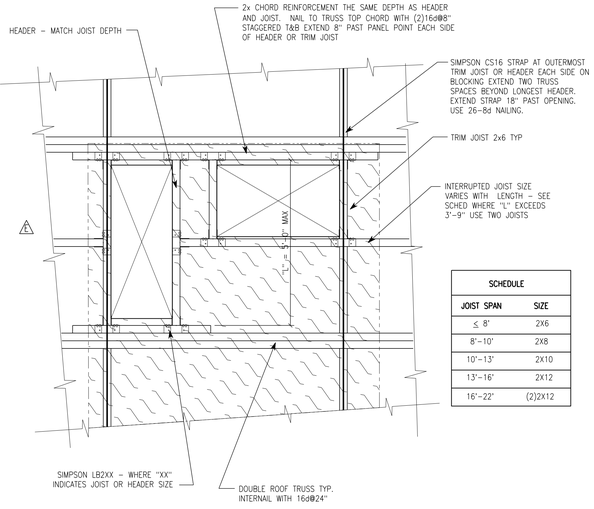
## 12 TYP. BACKING PLATE
SCALE = N.T.S.




## 11 TYP. PARTITION WALL LATERAL WALL DETAILS
SCALE = N.T.S.

DETAIL NO LONGER APPLICABLE - ALL STRUCTURAL STEEL REMOVED FROM BLDGS 1-5

## 10 TYP. I-JOIST ON STEEL BEAM DETAILS
SCALE = N.T.S.




| SCHEDULE | |
|---|---|
| JOIST SPAN | SIZE |
| ≤ 8' | 2X6 |
| 8'-10' | 2X8 |
| 10'-13' | 2X10 |
| 13'-16' | 2X12 |
| 16'-22' | (2)2X12 |

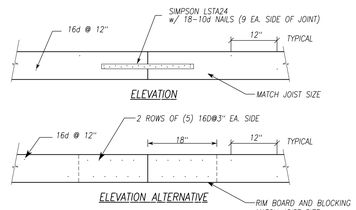
**NOTES:**

AT CONTRACTOR'S OPTION, USE HEADER TRUSS AND SHORT TRUSSES BY TRUSS SUPPLIER AND THE CHORD REINFORCEMENT IS ELIMINATED. IN THIS CASE TRUSS SUPPLIER SHALL PROVIDE CONNECTIONS AND DESIGN TRIMMER TRUSS. TOP CHORD FOR CONCENTRATED REACTION.

WHERE "L" EXCEEDS 5'-0" HEADER TRUSS SHALL BE USED AND TRIMMER TRUSS DESIGNED ACCORDINGLY.

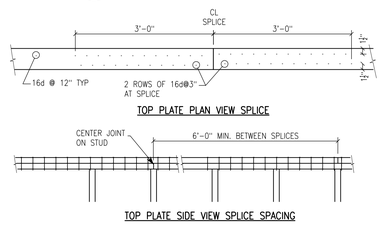
HATCH INDICATES EXTENT OF UNIT - SEE MECHANICAL DRAWINGS FOR LOCATION AND SIZE

## 8 TYP. MECH. OPENINGS IN DIAPHRAGMS
SCALE = N.T.S.




NOTES:
STAGGER SPLICES 10'-0" (MIN.)
WHERE PLAN CALLS FOR DOUBLE MEMBER USE SPLICE FOR BOTH
ALLOWABLE TENSION THROUGH THE SPLICE IS 1200 lb.

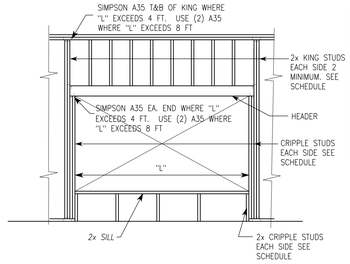
## 7 TYP. RIM JOIST SPLICE
SCALE = N.T.S.




**NOTES:**

1. ALLOWABLE TENSION THROUGH THE SPLICE IS 3300 lb.

## 6 TYP. TOP PLATE SPLICE
SCALE = N.T.S.




| SPAN "L" | S4S | MIN. NO. OF CRIPPLE STUDS AT EACH END | NO. OF KING STUDS AT EACH END | REMARKS |
|---|---|---|---|---|
| 3'-0" | 6x6 | 1 | 2 OR (1) 4x6 | -- |
| 4'-0" | 6x6 | 1 | 2 OR (1) 4x6 | -- |
| 5'-0" | 6x6 | 1 | 2 OR (1) 4x6 | -- |
| 6'-0" | 6x8 | 1 | 2 OR (1) 4x6 | -- |
| 7'-0" | 6x8 | 1 | 2 OR (1) 4x6 | -- |
| 8'-0" | 6x10 | 1 | 2 OR (1) 4x6 | -- |
| 9'-0" | 6x10 | 2 | 3 OR (1) 6x6 | -- |
| 10'-0" | 6x12 | 2 | 3 OR (1) 6x6 | -- |
| 12'-0" | 6x14 | 2 | 4 OR (1) 8x6 | -- |

HEADERS IN LOAD BEARING WALLS

NOTES:
A. HEADERS IN LOAD BEARING WALLS DESIGNED FOR 1000 PLF DEAD + LIVE LOAD.
B. ALL HEADER DESIGNED FOR OUT OF PLANE WIND LOADS OF 144 PLF
C. TIMBER FOR HEADERS: DF-L #1 OR BETTER
D. DEFLECTION CRITERIA IS L/360
E. ENGINEERED LUMBER WILL BE ACCEPTABLE PROVIDED DATA SUBSTANTIATING THAT SIZES AND MATERIAL SUPPLIED WILL PROVIDE THE SAME OR GREATER STRENGTH AND STIFFNESS AS THE SIZES AND MATERIAL SHOWN.
F. SEE 4/- FOR MINIMUM NAILING REQUIREMENTS

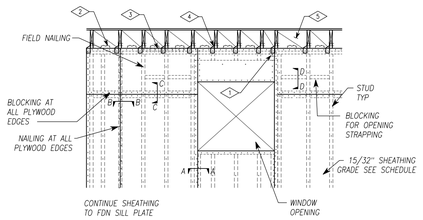
## 5 TYP. WOOD HEADER SCHEDULE
SCALE = N.T.S.

### TYPICAL MINIMUM NAILING REQUIREMENTS
PER 2007 CALIFORNIA BUILDING CODE TABLE 2304.9.1 WHERE INDICATED

| CONNECTION | COMMON NAILS | PER |
|---|---|---|
| 1. 1"x6" subfloor or less to each joist, face nail | 2-8d | CBC 07 |
| 2. Wider than 1"x6" subfloor to each joist, face nail | 3-8d | CBC 07 |
| 3. 2" subfloor to joist or blocking, blind and face nail | 2-16d | CBC 07 |
| 4. Sole plate to joist or blocking, face nail | 16d@16" | CBC 07 |
| 5. Top plate to stud, end nail | 2-16d | CBC 07 |
| 6. Stud to sole plate | 4-8d toenail or 2-16d end nail | CBC 07 |
| 7. Double studs, face nail | 16d@24" | CBC 07 |
| 8. Double top plates, face nail | 16d@16" | CBC 07 |
| 9. Top plates, laps and intersections | 2-16d | CBC 07 |
| 10. Continuous header, two pieces | 16d@16" o.c. along each edge | CBC 07 |
| 11. Ceiling joists to plate, toenail | 3-8d | CBC 07 |
| 12. Continuous header to stud, toenail | 4-8d | CBC 07 |
| 13. Ceiling joists, laps over partitions, face nail | 3-16d | CBC 07 |
| 14. Ceiling joists to parallel rafters, face nail | 3-16d | CBC 07 |
| 15. Joist or rafters at all bearings, toenails each side * | 2-10d | |
| 16. 1" brace to each stud and plate, face nail | 2-8d | CBC 07 |
| 17. 1"x8" sheathing or less to each bearing, face nail | 3-8d | CBC 07 |
| 18. Wider than 1"x8" sheathing to each bearing, face nail | 3-8d | CBC 07 |
| 19. Built-up corner studs | 16d@24" o.c. | CBC 07 |
| 20. Built-up girder and beams | 20d@32" o.c. at top and bottom and staggered 2-20d at ends and at each splice | CBC 07 |
| 21. 2" planks | 2-16d at each bearing | CBC 07 |
| 22. Bridging to joist, toenail each end<br>a. Blocking betweeen joists and rafters - To joists or rafters - Toenails each side, each end - 2-10d<br>b. Blocking between studs, each end 2-10d toenails or 2-16d | | |
| 23. Plywood sheathing See typical wood panel shear wall construction detail | | |

Note 1: Common or box nails are permitted to be used, UNO
*: Use Simpson H2.5 Ties when uplift occurs

## 4 TYP. MIN. NAILING REQUIREMENTS
SCALE = N.T.S.




<1> 1. SHEAR CONNECTION AT TOP AND BOTTOM OF JAMB STUD IN ACCORDANCE WITH SCHEDULE. (NOT REQUIRED WHERE HEADER IS TIGHT TO AND INTERNAILED WITH TOP PLATE.
<2> 2. SHEAR CONNECTION BLOCKING TO TOP PLATES - SEE SHEAR WALL SCHEDULE. MIN. A35 @ 32". ALTERNATIVELY, EXTEND SHEATHING TO BLOCKING OR RIM JOIST, USE E.N.
<3> 3. TOP PLATE SPLICE. SEE 6/S4.30
<4> 4. TENSION TIE RAFTER TO TOP PLATE, SIMPSON H2.5 AT EA. TRUSS.
<5> 5. SOLID BLOCK TIGHT TO ROOF SHEATHING. NAIL ROOF SHEATHING TO BLOCK WITH EAVE BOUNDARY NAILING (SEE ROOF NAILING SCHEDULE)

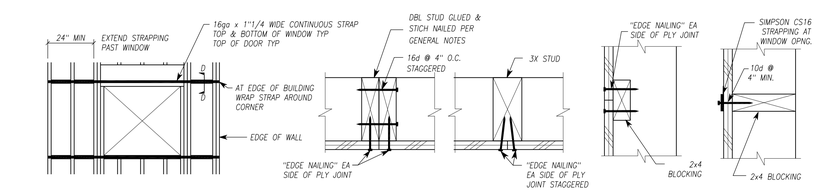
A CONCEPTUAL SHEATHING & NAILING LAYOUT
SCALE: N.T.S

### SHEAR WALL SCHEDULE

| MARK | SHEATHING | BOUNDARY & EDGE NAILING SPACING (IN) | SILL PL ATTACHMENT OPTION: ANCHOR BOLT ø (IN) EMBED. (IN) SPACING (IN) | SILL PL ATTACHMENT OPTION: SIMPSON TITENHD ESR-2713 ø (IN) EMBED. (IN) SPACING (IN) | SOLE PL NAILING | SHEAR CLIPS @ TOP PL | SHEAR CAPACITY (PLF) PER 2007 CBC TABLE 2306.4.1 | MINIMUM SILL PLATE FRAMING SIZE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| SW1 | SINGLE SIDE | 6" | 5/8"ø 6" 32" MAX. | 1/2"ø 4" 32" MAX.(6) | 32" MAX. | 16d@4"O.C. | 16"O.C. | 340 | 2X | 2X FRAMING MEMBERS AT ADJOINING PANEL EDGES WITH STAGGERED NAILING |
| SW2 | SINGLE SIDE | 4" | 5/8"ø 6" 32" MAX. | 1/2"ø 4" 32" MAX.(6) | 18" MAX. | SDS 1/4 x 4-1/2 @10"O.C. | 10"O.C. | 510 | 3X | 3X FRAMING MEMBERS AT ADJOINING PANEL EDGES WITH STAGGERED NAILING |
| SW3 | SINGLE SIDE <1> | 3" | 5/8"ø 6" 24" MAX. | - | 12" MAX. | SDS 1/4 x 4-1/2 @8"O.C. | 8"O.C. | 665 | 3X | 3X FRAMING MEMBERS AT ADJOINING PANEL EDGES WITH STAGGERED NAILING |
| SW4 | SINGLE SIDE | 2" | 5/8"ø 6" 16" MAX. | - | 9" MAX. | SDS 1/4 x 4-1/2 @6"O.C. | 6"O.C. | 870 | 3X | 3X FRAMING MEMBERS AT ADJOINING PANEL EDGES WITH STAGGERED NAILING |

1) SHEATHING: 15/32" APA STRUC 1 SHEATHING, EXT. GRADE. ALL PANEL EDGE SHALL BE BLOCKED
2) SHEATHING NAILING: 10d COMMON WIRE NAIL. SEE SCHEDULE FOR NAIL SPACING. MINIMUM NAIL PENETRATION IN FRAMING = 1.5"
3) PROVIDE EDGE NAILING AT ALL EDGES OF SHEATHING, END STUDS, SILL PLATES AND TOP PLATES.
4) FIELD NAILING SPACING = 12" O.C.
5) SHEAR CLIPS SHALL BE "A35 OR LTP4'. SEE SCHEDULE FOR CLIP SPACING.
6) PANELS NOT LESS THAN 4'x8' EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING WHERE MINIMUM PANEL DIMENSION SHALL BE 24".
7) MINIMUM PLATE WASHERS: 3"x3"x0.229"
8) SIMPSON TITEN HD (ESR 2713) INSTALLED ON CURBS MUST HAVE 16" MAX SPACING.
9) VERTICAL PANEL EDGES AT OPENINGS MUST BE MINIMUM 24" FROM EDGE OF OPENING EACH WAY OR STRAPPING MUST BE APPLIED PER 1C/S4.30.

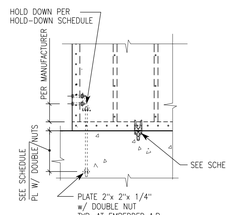
B TYP. SHEAR WALL SCHEDULE
SCALE: N.T.S




| SECTION A-A: TYPICAL DOUBLE STUD AT SHEATHING EDGE | SECTION B-B: TYPICAL SINGLE STUD AT SHEATHING EDGE | SECTION C-C: TYPICAL HORIZONTAL SHEATHING EDGE | SECTION D-D: TYPICAL BLOCKING AT WINDOW STRAP |
|---|---|---|---|

C CONCEPTUAL OPENING STRAPPING AT SHEAR WALL
SCALE: N.T.S

## 1 WOOD SHEAR WALL SCHEDULE & TYPICAL DETAILS
SCALE = N.T.S.

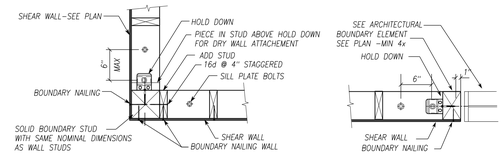



### BOUNDARY POST AND HOLDOWN SCHEDULE

| MARK | SHEATHING | BOUNDARY POST DIMENSION # 2X6 | BOUNDARY POST DIMENSION S4S | HOLDOWN | BOLT SIZE | EMBED. MIN. (in.) | SIMPSON SSTBXX OPTION ON SLAB | SIMPSON SSTBXX OPTION ON CURB | SIMPSON SSTBXX OPTION EMBED. MIN. |
|---|---|---|---|---|---|---|---|---|---|
| SW1 | ONE SIDE | (2) | 4X6 | HDU2-SDS2.5 | 5/8" DIA | 7 | SSTB16 | SSTB24 | 12 5/8" |
| SW2 | ONE SIDE | (2) | 4X6 | HDU5-SDS2.5 | 5/8" DIA | 7 | SSTB20 | SSTB28 | 16 5/8" |
| SW3 | ONE SIDE | (3) | 6X6 | HDU5-SDS2.5 | 5/8" DIA | 9 | SSTB24 | - | 20 5/8" |
| SW4 | ONE SIDE | (4) | 6X6 | HDU8-SDS2.5 | 7/8" DIA | 9 | SSTB28 | - | 24 7/8" |

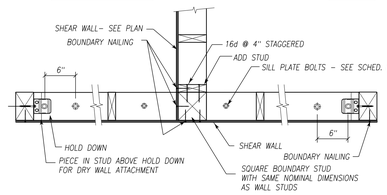
1) POSTS ARE DF-L #2 OR BETTER. <1>
2) ALL SIMPSON HARDWARE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATION. MAXIMUM HORIZONTAL OFFSET FOR HOLDOWN = 1" FOR 12" MAXIMUM RAISED. ANCHOR BOLTS MAY BE SPLICED W/ THREADED ROD USING SIMPSON CNW COUPLER
3) MULTIPLE 2X BOUNDARY POSTS SHOULD ACT AS ONE UNIT. ALTERNATIVELY, USE EQUIVALENT SINGLE S4S POST.
4) SEE 1B/S4.30 FOR SHEAR WALL SCHEDULE.
5) MIN. EMBEDMENT DEPTH IS FROM SLAB LEVEL AND DOES NOT INCLUDE CURB HEIGHT.

## 2 BOUNDARY POST & HOLD DOWN SCHEDULE
SCALE = N.T.S.




TYPICAL CORNER INTERSECTION

TYPICAL END




TYPICAL "TEE" INTERSECTION WITH HOLD DOWNS ON ADJACENT WALLS

## 3 TYP. SHEAR WALL INTERSECTIONS
SCALE = N.T.S.


Client:
California Veterans Home, Fresno
State of California
Department of Veterans Affairs
DGS CALIFORNIA DEPARTMENT OF GENERAL SERVICES
Real Estate Division
Project Management Branch
third Floor, Suite 3-305
707 Third Street
West Sacramento, CA 95605
Tel: 916-376-1694
Fax: 916-376-1677
PM#/ 118643

Design-Builder:
Hensel Phelps Construction Co.
+
KMDARCHITECTS

Consultant:
Gregory P. Luth & Associates, Inc.
Structural Engineers and Builders
3330 Scott Blvd, #4B
Santa Clara, CA 95054
Telephone: 408 654-0471
Fax: 408-654-0475


SHEET NOTES:
1) SEE S2.0X FOR FOUNDATION PLANS
2) SEE S2.2X FOR ROOF PLANS
3) SEE S2.23 FOR DIAPHRAGM & COLLECTOR PLAN
4) SEE S3.0X FOR BUILDING SECTIONS
5) SEE S4.10 FOR TRUSS ELEVATIONS & LOADING
6) SEE S4.2X FOR WALL ELEVATIONS
7) SEE S4.3X FOR WOOD DETAILS
8) SEE S6.20 FOR CONCRETE DETAILS

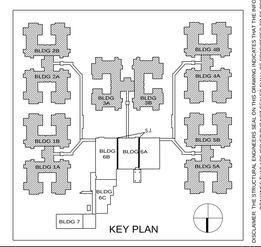
| NO. | REVISION | DATE |
|---|---|---|
| E | ADDENDUM E | 06/21/2010 |
| - | DSA PLAN REVIEW | 08/13/2010 |
| - | CONSTRUCTION DOCUMENTS | 09/27/2010 |

Approvals:

Stamp:

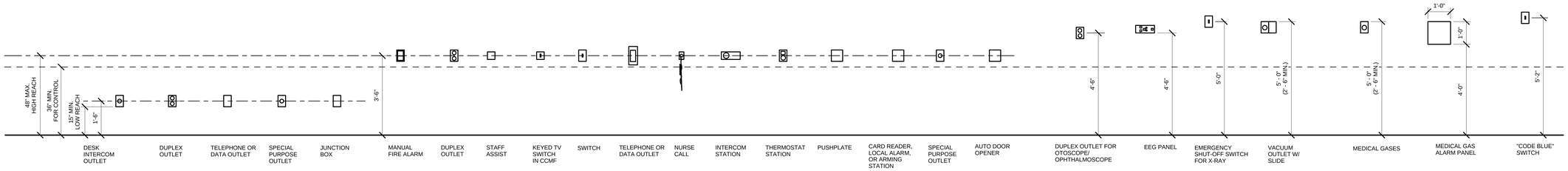
SUBMITTAL: CONSTRUCTION DOCUMENTS

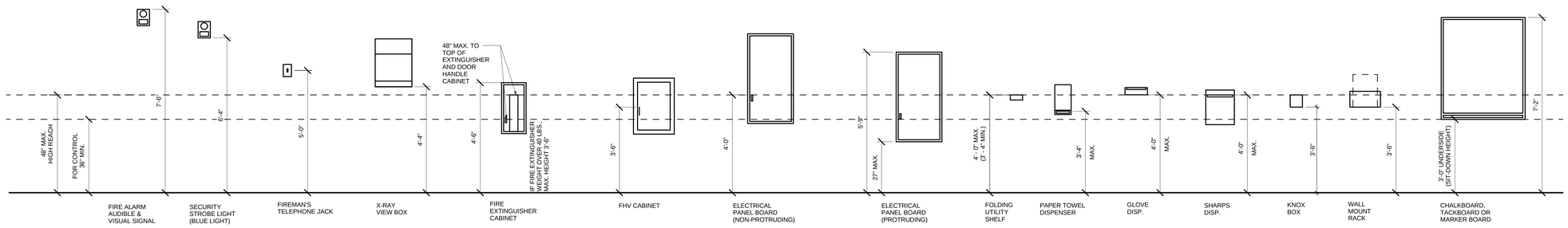
| DRAWING | | | |
|---|---|---|---|
| PROJECT NO. | 893-801 | | |
| DRAWN BY | | CHKD.BY | DATE |
| DATE | 09/27/10 | | |
| SCALE | | | |
| TITLE | TYPICAL WOOD DETAILS BLDGS 1-5 | | |
| NUMBER | S4.30 | | |

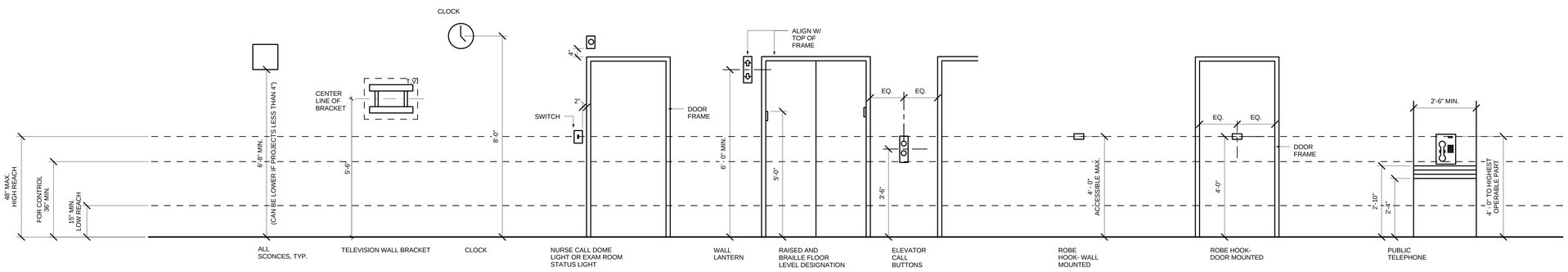


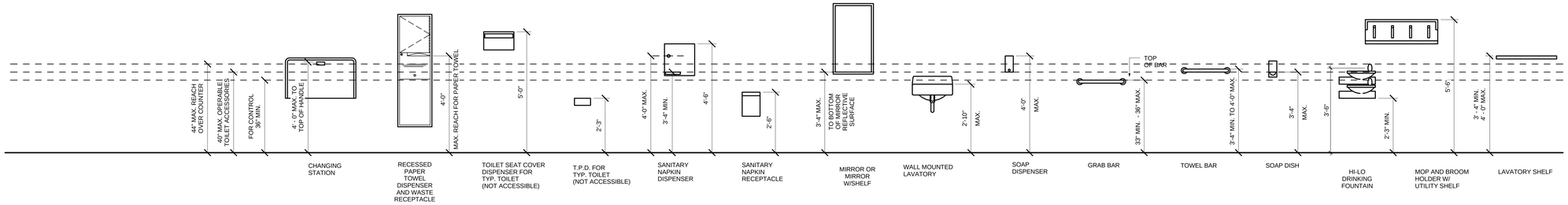


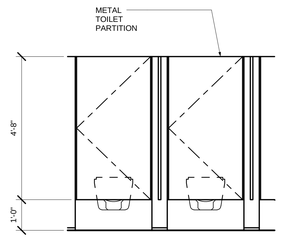

PLOTTED:

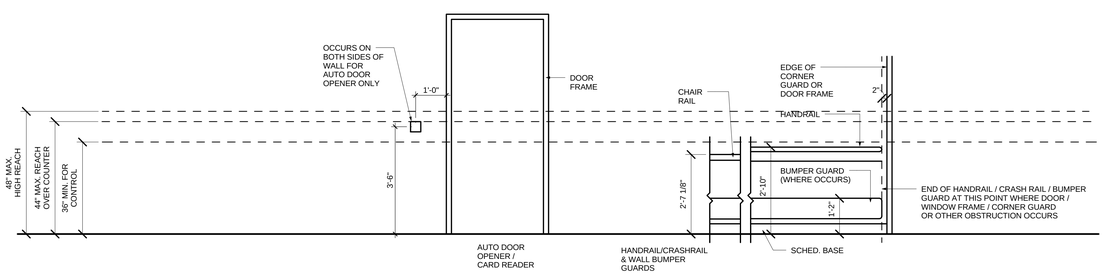



Client:
California Veterans Home, Fresno

State of California
Department of Veterans Affairs
DGS CALIFORNIA DEPARTMENT OF GENERAL SERVICES
Real Estate Division
Project Management Branch
707 Third Street
Third Floor, Suite 3-305
West Sacramento, CA 95605
Tel: 916-376-1694
Fax: 916-376-1677
PMB# 118643

Design-Builder:
Hensel Phelps Construction Co.
+
KMD ARCHITECTS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| D | ADDENDUM D-CSFM 35% PLAN REVIEW RESPONSES | 06/21/10 |
| | DSA PLAN REVIEW | 08/13/10 |
| | PROGRESS SET | 08/20/10 |

Approvals:

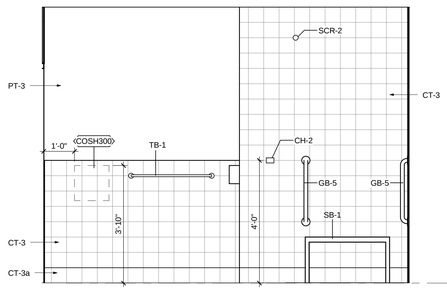
Stamp:

SUBMITTAL: CONSTRUCTION DOCUMENTS

| | |
|---|---|
| PROJECT NO. | 893-801 |
| DRAWN BY | CHKD.BY DATE |
| DATE | 09/27/10 △1 |
| SCALE | 1/2" = 1'-0" |
| TITLE | TYPICAL MOUNTING HEIGHTS |
| NUMBER | A1.20 |

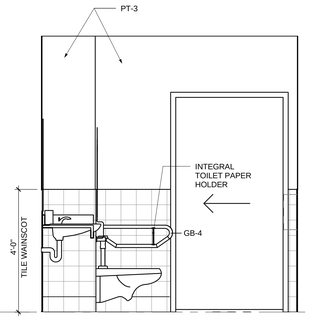
DRAWING

PLOTTED: 9/24/2010 9:48:27 AM



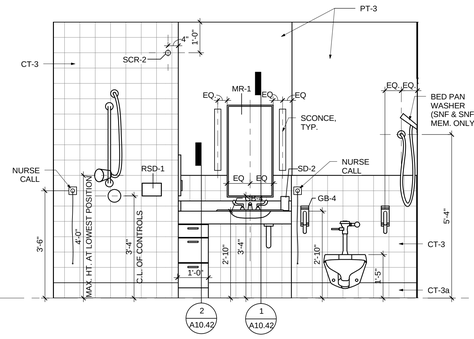

1D TYPICAL MEMBER TOILET

SCALE 1/2" = 1'-0"



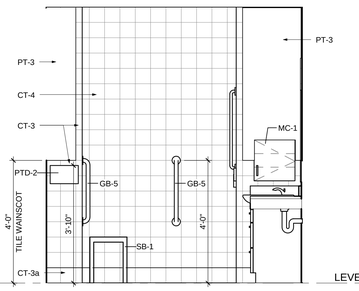

1C TYPICAL MEMBER TOILET

SCALE 1/2" = 1'-0"



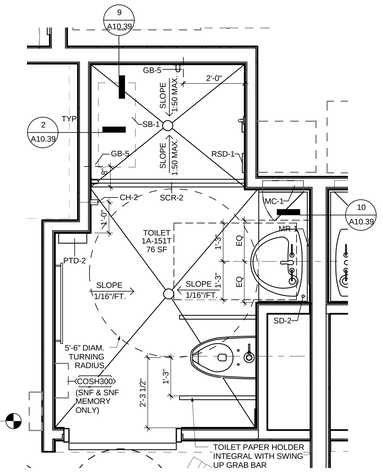

1B TYPICAL MEMBER TOILET

SCALE 1/2" = 1'-0"




1A TYPICAL MEMBER TOILET

SCALE 1/2" = 1'-0"




1 TYPICAL MEMBER TOILET PLAN

SCALE 1/2" = 1'-0"




2D TYPICAL BARIATRIC TOILET

SCALE 1/2" = 1'-0"




2C TYPICAL BARIATRIC TOILET

SCALE 1/2" = 1'-0"




2B TYPICAL BARIATRIC TOILET

SCALE 1/2" = 1'-0"




2A TYPICAL BARIATRIC TOILET

SCALE 1/2" = 1'-0"




2 TYPICAL BARIATRIC TOILET PLAN

SCALE 1/2" = 1'-0"




7 TYPICAL ACCESSIBLE TOILET

SCALE 1/2" = 1'-0"




6 TYPICAL ACCESSIBLE TOILET

SCALE 1/2" = 1'-0"




5 TYPICAL ACCESSIBLE TOILET

SCALE 1/2" = 1'-0"




4 TYPICAL ACCESSIBLE TOILET

SCALE 1/2" = 1'-0"




3 TYPICAL ACCESSIBLE TOILET PLAN

SCALE 1/2" = 1'-0"

Client:

California Veterans Home, Fresno

State of California
Department of Veterans Affairs

DGS CALIFORNIA DEPARTMENT OF GENERAL SERVICES

Real Estate Division
Project Management Branch
707 Third Street
Third Floor, Suite 3-305
West Sacramento, CA 95605
Tel: 916-376-1694
Fax: 916-376-1677
PMB# 118643

Design-Builder:

Hensel Phelps Construction Co.
+
KMD ARCHITECTS

SHEET NOTES:

1. SEE FINISH SCHEDULE SPEC 09 00 00 FOR FINISHES.
2. ALL PAINT FINISHES TO BE PT-1, U.O.N.
3. ALL CASEWORK TO BE PLAM-1, U.O.N. SEE ELEVATIONS FOR SPECIFIC CALLOUTS.
4. ALL COUNTERTOPS TO BE CS-1, U.O.N. SEE ELEVATIONS FOR SPECIFIC CALLOUTS.
5. PROVIDE BACKING FOR ALL EQUIPMENT & CASEWORK MOUNTED ON WALL.
6. REFER TO A1.20 FOR TYPICAL MOUNTING HEIGHTS.
7. SEE MECHANICAL & ELECTRICAL DRAWINGS FOR LOCATION OF ADDITIONAL WALL MOUNTED ITEMS SUCH AS THERMOSTATS, SWITCHES, OUTLETS, CLOCKS, ETC.
8. FRP-2 IS FULL HEIGHT.
9. REFER TO SCHEDULE ON SHEET ID3.01 TO IDENTIFY FINISHES IN DIFFERENT HOUSING THEMES.

| NO. | DESCRIPTION | DATE |
|---|---|---|

Approvals:

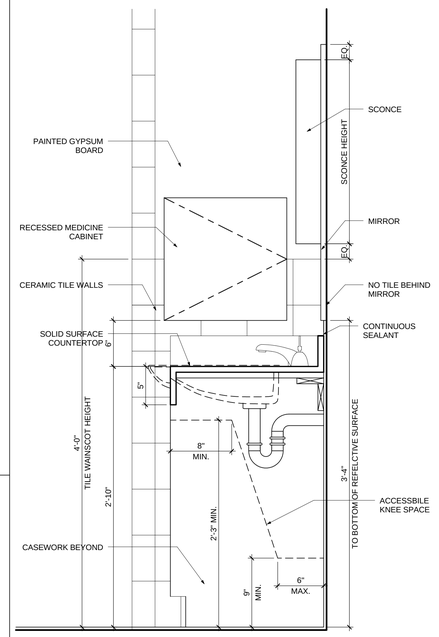
Stamp:

SUBMITTAL: CONSTRUCTION DOCUMENTS

DRAWING

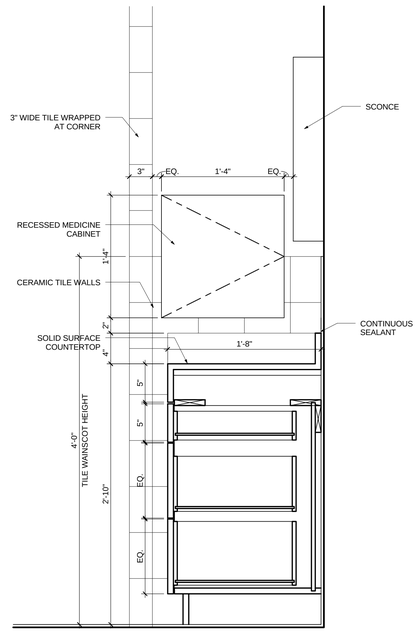
| | |
|---|---|
| PROJECT NO. | 893-801 |
| DRAWN BY | CHKD.BY DATE |
| DATE | 09/20/10 |
| SCALE | As indicated |
| TITLE | INTERIOR ELEVATIONS, NEIGHBORHOODS, MEMBER TOILETS |
| NUMBER | A9.05 |

PLOTTED: 9/24/2010 10:26:29 AM




1 MEMBER TOILET LAVATORY DETAIL

SCALE 1 1/2"=1'-0" CODE -
NUMBER - SPEC -
DATE -




2 MEMBER TOILET CABINET DETAIL

SCALE 1 1/2"=1'-0" CODE -
NUMBER - SPEC -
DATE -

Client:
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State of California
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Fax: 916-376-1677
PMB# 118643

Design-Builder:
Hensel Phelps Construction Co.
+
KMD ARCHITECTS

| NO. | DESCRIPTION | DATE |
|---|---|---|

Approvals:

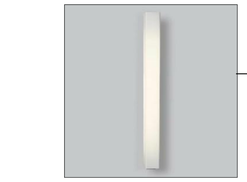
Stamp:

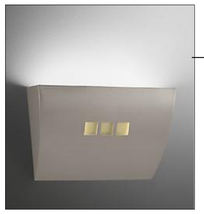
SUBMITTAL: CONSTRUCTION DOCUMENTS

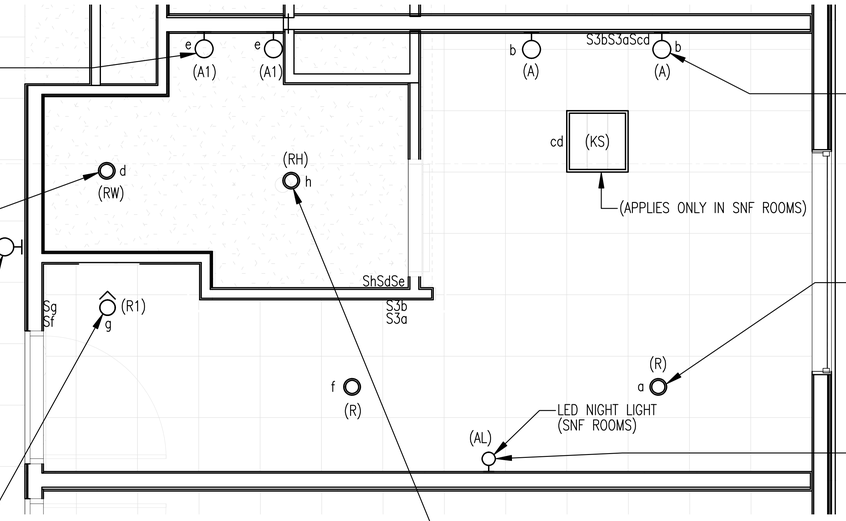
DRAWING

| | |
|---|---|
| PROJECT NO. | 893-801 |
| DRAWN BY | CHKD.BY DATE |
| DATE | 09/27/10 |
| SCALE | 1 1/2" = 1'-0" |
| TITLE | CASEWORK DETAILS |
| NUMBER | A10.42 |

PLOTTED: 09/24/10 12:25:52 PM





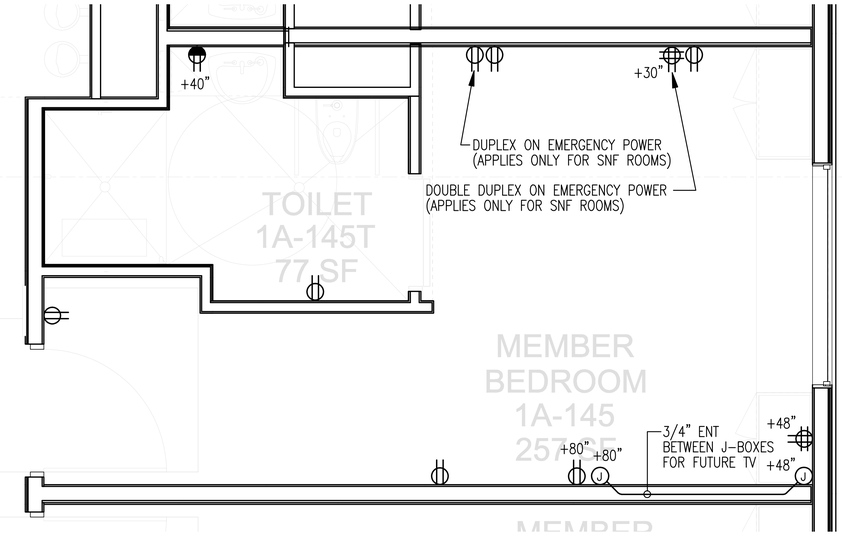



TYPICAL MEMBER ROOM LIGHTING
SCALE: 1/2"=1'-0"

## SWITCHING LEGEND

S SWITCH, TOGGLE, SINGLE POLE, SINGLE THROW, +48" U.O.N.
SUBSCRIPT MODIFIERS:

| | | | |
|---|---|---|---|
| a,b | SWITCHING CIRCUIT DESIGNATION | D | DIMMER |
| 2 | DOUBLE POLE | K | KEY OPERATED |
| 3 | THREE WAY | P | PILOT LIGHT |
| (3) | THREE POSITION | M | MOTOR RATED SWITCH WITH OVERLOADS |
| 4 | FOUR WAY | T | TIMER |




TYPICAL MEMBER ROOM POWER
SCALE: 1/2"=1'-0"

## ELECTRICAL LEGEND

- DUPLEX CONVENIENCE OUTLET, +18" U.O.N.
- DOUBLE DUPLEX CONVENIENCE OUTLET, +18" U.O.N.
- DUPLEX CONVENIENCE OUTLET WITH GROUND FAULT INTERRUPTER, +18" U.O.N.

| | |
|---|---|
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| (E) | EXISTING |
| (N) | NEW |
| GFI | GROUND FAULT INTERRUPTER |
| IG | ISOLATED GROUND |
| U.O.N. | UNLESS OTHERWISE NOTED |
| WP | WEATHERPROOF |

## GENERAL NOTES

1. PROVIDE A GREEN INSULATED COPPER GROUND CONDUCTOR TO ALL RECEPTACLES IN PATIENT CARE AREAS PER CEC 517.13(B).
2. ALL BRANCH CIRCUITS IN PATIENT CARE AREAS SHALL BE INSTALLED IN METAL RACEWAYS OR CABLE ASSEMBLY (SOUTHWIRE HCF MC$^{AP}$ TYPE MC CABLE) SUITABLE FOR REDUNDANT GROUND RETURN PATH PER CEC 517.13(A).
3. ALL BRANCH CIRCUITS IN PATIENT CARE AREAS SHALL HAVE WIRING METHODS AND AN INSULATED EQUIPMENT GROUNDING CONDUCTOR AS REQUIRED BY ARTICLE 517.10 THRU 517.13 OF THE 2007 CEC.

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Design-Builder:
Hensel Phelps Construction Co.
+
KMD ARCHITECTS

Consultant:
HOWE Electric Construction, Inc.
ELECTRICAL CONSTRUCTION DIVISION
4682 E. OLIVE AVE. FRESNO CA. 93702
(559)255-8992
CONTRACTORS LIC. #898737 CLASS C-10



REGISTERED PROFESSIONAL ENGINEER
BOON L. TEE
E 16901
EXP:06-30-11
ELECTRICAL
STATE OF CALIFORNIA

| NO. | REVISION | DATE |
|---|---|---|
| – | DSA PLAN REVIEW | 08.13.10 |
| | CONSTRUCTION DOCUMENTS | 09.27.10 |

Approvals:

Stamp:

SUBMITTAL: CONSTRUCTION DOCUMENTS

DRAWING

| | | | | |
|---|---|---|---|---|
| PROJECT NO. | 893-801 | | | |
| DRAWN BY | B.T. | CHKD.BY | DATE | |
| DATE | 09/27/10 | | | |
| SCALE | 1/8" = 1'-0" | | | |
| TITLE | ENLARGED MEMBER BEDROOM PLANS | | | |
| NUMBER | E4.00 | | | |

PLOTTED: 04/16/10 4:50:51 PM

BOBRICK

Technical Data

# MIRROR WITH STAINLESS STEEL CHANNEL FRAME

# B-165 SERIES

## SNAP LOCKING DESIGN

(Rear View)

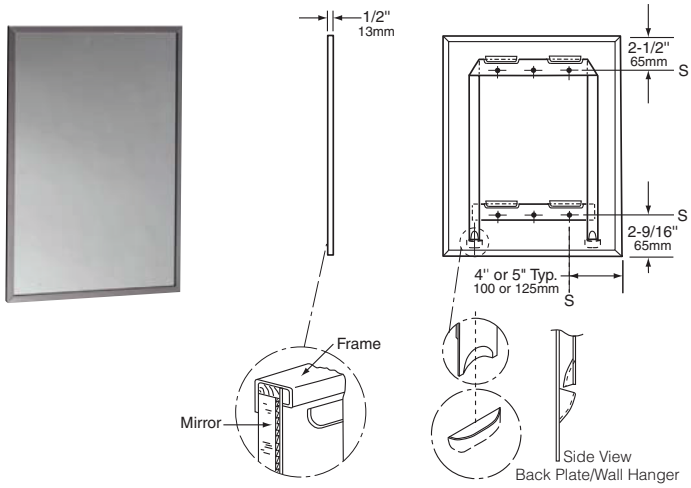


*Figure: 1*

**STANDARD B-165 SERIES MIRRORS**

| MODEL NO. | OVERALL SIZE W | H |
|---|---|---|
| B-165 1824 | 18" (46cm) | 24" (61cm) |
| B-165 1830 | 18" (46cm) | 30" (76cm) |
| B-165 1836 | 18" (46cm) | 36" (91cm) |
| B-165 2430 | 24" (61cm) | 30" (76cm) |
| B-165 2436 | 24" (61cm) | 36" (91cm) |
| B-165 2448 | 24" (61cm) | 48" (122cm) |
| B-165 2460 | 24" (61cm) | 60" (152cm) |

## SCREW LOCKING DESIGN

(Rear View)

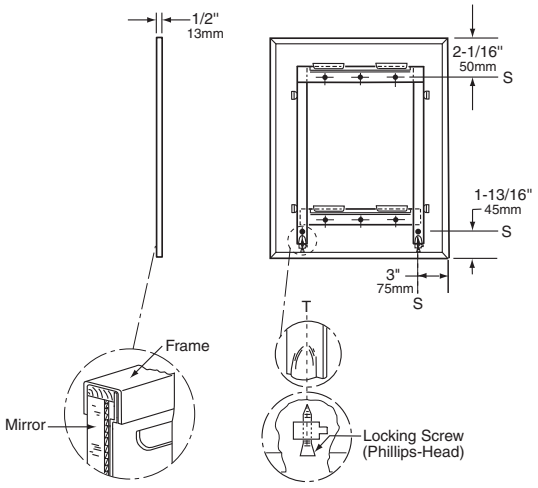


*Figure: 2*

**STANDARD B-165 SERIES MIRRORS**

| MODEL NO. | OVERALL SIZE W | H |
|---|---|---|
| B-165 4836 | 48" (122cm) | 36" (91cm) |

**All Other Size Mirrors**

**Designer's Notes:**

1. Special-order sizes available on request.
2. Maximum size mirror available, 72" x 60" (183 x 152cm); minimum size, 12" x 12" (30 x 30cm).
3. All Bobrick framed mirrors are manufactured to overall width and height dimensions. EXAMPLE: A 24" x 36" (61 x 91cm) mirror will be furnished 24" x 36" (61 x 91cm) outside-of-frame to outside-of-frame.
4. To specify special sizes use Series Number followed by width then height in inches. EXAMPLE: B-165 2024.
5. Bobrick framed mirrors are manufactured to a tolerance 1/8" (3.2mm).
6. For sufficient space to lift mirror onto wall hanger(s), provide 3-1/4" (85mm) minimum clearance above center line of mounting screw holes.
7. Provide 1" (25mm) minimum clearance at bottom of mirror for engaging locking screws and 1" (25mm) clearance on each side.

## MATERIALS:

**Frame —** Type-430 stainless steel, 1/2" x 1/2" x 3/8" (13 x 13 x 9.5mm) channel with 1/4" (6mm) return at rear with bright polished finish. One piece frame with 90 degree mitered corners. Galvanized steel back has integral horizontal hanging brackets near the top for hanging the mirror and near the bottom to prevent the bottom of the mirror from pulling away from the wall. Locking devices secure mirror to concealed wall hanger. In Screw Locking Design (see figure 2), concealed Philips-head locking screws securely fasten mirror to wall hanger.

**Mirror —** No. 1 quality, 1/4" (6mm) select float glass: selected for silvering, electrolytically copper-plated by the galvanic process, and guaranteed for 15 years against silver spoilage. Corners are protected by friction-absorbing filler strips; back is protected by full-size, shock-absorbing, water-resistant, nonabrasive, 3/16" (5mm) thick polyethylene padding.

**Concealed Wall Hanger —** 20-gauge (0.9mm) galvanized steel. Incorporates lower support member, forming rigid rectangle, which engages lower backplate louvers to keep bottom of mirror against wall.

continued . . .



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**INSTALLATION:**

Mount wall hanger on wall with screws (not furnished) at points indicated by an *S*. For plaster or dry wall construction, provide backing to comply with local building codes, then secure wall hanger with screws (not furnished) . When providing a concealed backing, allow backing to cover minimum range of mounting hole locations shown on drawing. For other wall surfaces, provide fiber plugs or expansion shields for use with screws (not furnished), or provide 1/8" (3mm) toggle bolts or expansion bolts. Hang mirror on wall hanger with all four backplate louvers engaged behind horizontal wall hanger members. Hang mirror on wall hanger with all four backplate louvers engaged behind horizontal wall hanger members. To do this, mirror must be centered in front of the wall hanger horizontally, pressed flat against the wall approximately 1" (25mm) above final position and then lowered into final position.

**Snap Locking Design —** Locking devices automatically secure mirror to concealed wall hanger when it is lowered into final position. Locking devices may be unlocked by inserting two flat blade screwdrivers behind each side of mirror near the bottom or under the bottom of the mirror and pulling mirror bottom forward and then up (see figure 3).

**Screw Locking Design —** Lock mirror to wall hanger by tightening Phillips-head locking screws that are concealed in the bottom of frame at points indicated by a *T*. Mirror may be unlocked from wall hanger by loosening locking screws and lifting mirror off of concealed wall hanger (see figure 4).

**SNAP LOCKING DESIGN**
**(Front View)**

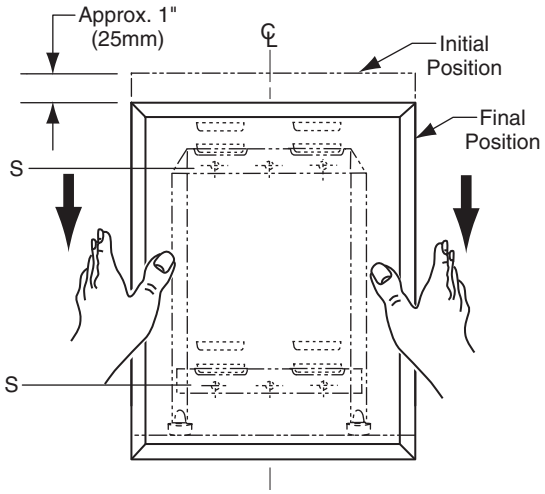


*Figure: 3*

**SCREW LOCKING DESIGN**
**(Front View)**

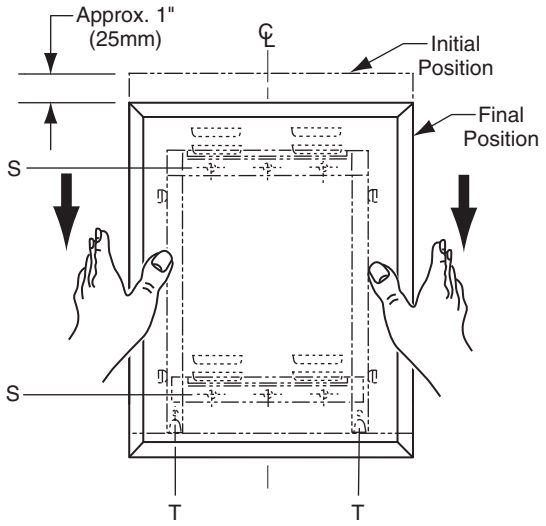


*Figure: 4*

**SPECIFICATION:**

Mirror shall have a one-piece type-430 stainless steel channel frame, 1/2" x 1/2" x 3/8" (13 x 13 x 9.5mm), with 90° mitered corners; all exposed surfaces shall have bright polished finish. Select float glass mirror shall be guaranteed for 15 years against silver spoilage. Corners shall be protected by friction-absorbing filler strips and the back shall be protected by full-size, shock-absorbing, water-resistant, nonabrasive, 3/16" (5mm) thick polyethylene padding. Galvanized steel back shall have integral horizontal hanging brackets located at top and bottom for mounting on concealed rectangular wall hanger to prevent the mirror from pulling away from the wall. Locking devices secure mirror to concealed wall hanger. Mirror shall be removable from the wall.

**Framed Mirror shall be Model B-165 _____ (insert width and height) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.**



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