



SSH JV

Milpitas Station Fire Protection Design Unit 023 – Work Package 03 Definitive Design

SVBX C700

Monday, February 11, 2013

HALF SIZE
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engineers | planners | scientists

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PAGE NO.	DWG NO.	REV NO.	TITLE
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GENERAL (MILPITAS STATION, ANCILLARY BUILDING,
AND TRANSIT CENTER BUS SHELTER)

DB-X001 TITLE SHEETS

DB-X027 INDEX OF DRAWINGS

DB-X030 INDEX OF DRAWINGS

DB-X031 INDEX OF DRAWINGS


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MILPITAS STATION – FIRE SUPPRESSION AND DETECTION

DB-M460	FM-200 FIRE DETECTION SUPPRESSION AND CONTROL BILL OF MATERIALS/SEQUENCE OF OPERATION
DB-M461	FM-200 FIRE DETECTION SUPPRESSION AND CONTROL ELECTRICAL LAYOUT
DB-M462	FM-200 FIRE DETECTION SUPPRESSION AND CONTROL MECHANICAL LAYOUT
DB-M463	FM-200 FIRE DETECTION SUPPRESSION AND CONTROL RISER DIAGRAM
DB-M464	FM-200 FIRE DETECTION SUPPRESSION AND CONTROL DETAILS

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Feb. 07, 2013							DESIGNED BY S. DEBNATH	<div>Skanska Shimmick Herzog</div> <div>1436 California Circle Milpitas, California 95035 A Joint Venture</div>	<div>NOT FOR CONSTRUCTION</div>	<div><div> BART SILICON VALLEY</div><div>BART SILICON VALLEY BERRYESSA EXTENSION</div></div>	LINE, TRACK, STATIONS, AND SYSTEMS MILPITAS STATION		CADD FILENAME C700-S-DB-X030.dwg	
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						CHECKED BY E. BALLADA	CONTRACT NO.				C700	REV.		
		20120907				IN CHARGE R. BARLAAN	AREA CODE				SHEET NO.	PAGE NO.		
						DATE	DB				X030			
Joseph G	REV	DATE	BY	SUB	APP	DESCRIPTION	SUBMITTED		APPROVED		INDEX OF DRAWINGS			

JosephG Feb 07, 2013 - 3:08pm G:\Current Projects\Projects\Station - Milpitas\CAD Drawings Out\13-0207 General\C700-S-DB-X031.dwg

PAGE DWG REV
NO. NO. NO. TITLE

MILPITAS STATION – FIRE PROTECTION

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– FIRE PROTECTION
- DB-M601 FIRE DETAILS
– FIRE PROTECTION
- DB-M602 HANGER AND BRACING DETAILS
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– FIRE PROTECTION

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- DB-M626 PLATFORM LEVEL PLAN
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FIRE PROTECTION
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FIRE PROTECTION
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- DB-M811 ANCILLARY BUILDING
FIRST FLOOR PLAN
FIRE PROTECTION PIPING
- DB-M813 ANCILLARY BUILDING
FIRST FLOOR
FIRE PROTECTION RCP
- DB-M822 ANCILLARY BUILDING
SECTIONS
FIRE PROTECTION

LRT/POC – FIRE PROTECTION

- DB-M902 MONTAGUE LRT AND MILPITAS POC
LRT PLATFORM/POC ROOF LEVEL OVERALL PLAN
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- DB-M911 MONTAGUE LRT AND MILPITAS POC
GROUND LEVEL PLAN
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POC LEVEL PLAN
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SHEET 2 OF 2
- DB-M920 MONTAGUE LRT AND MILPITAS POC
POC SECTION – FIRE PROTECTION PIPING
SHEET 1 OF 2
- DB-M922 MONTAGUE LRT AND MILPITAS POC
POC SECTIONS – FIRE PROTECTION PIPING
SHEET 2 OF 2

DESIGNED BY
S. DEBNATH

DRAWN BY
B. ITURALDE

CHECKED BY
E. BALLADA

IN CHARGE
R. BARLAAN

DATE

1436 California Circle
Milpitas, California 95035
A Joint Venture

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Lookwood, Andrews
& Newman, Inc.

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BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS, AND SYSTEMS
MILPITAS STATION

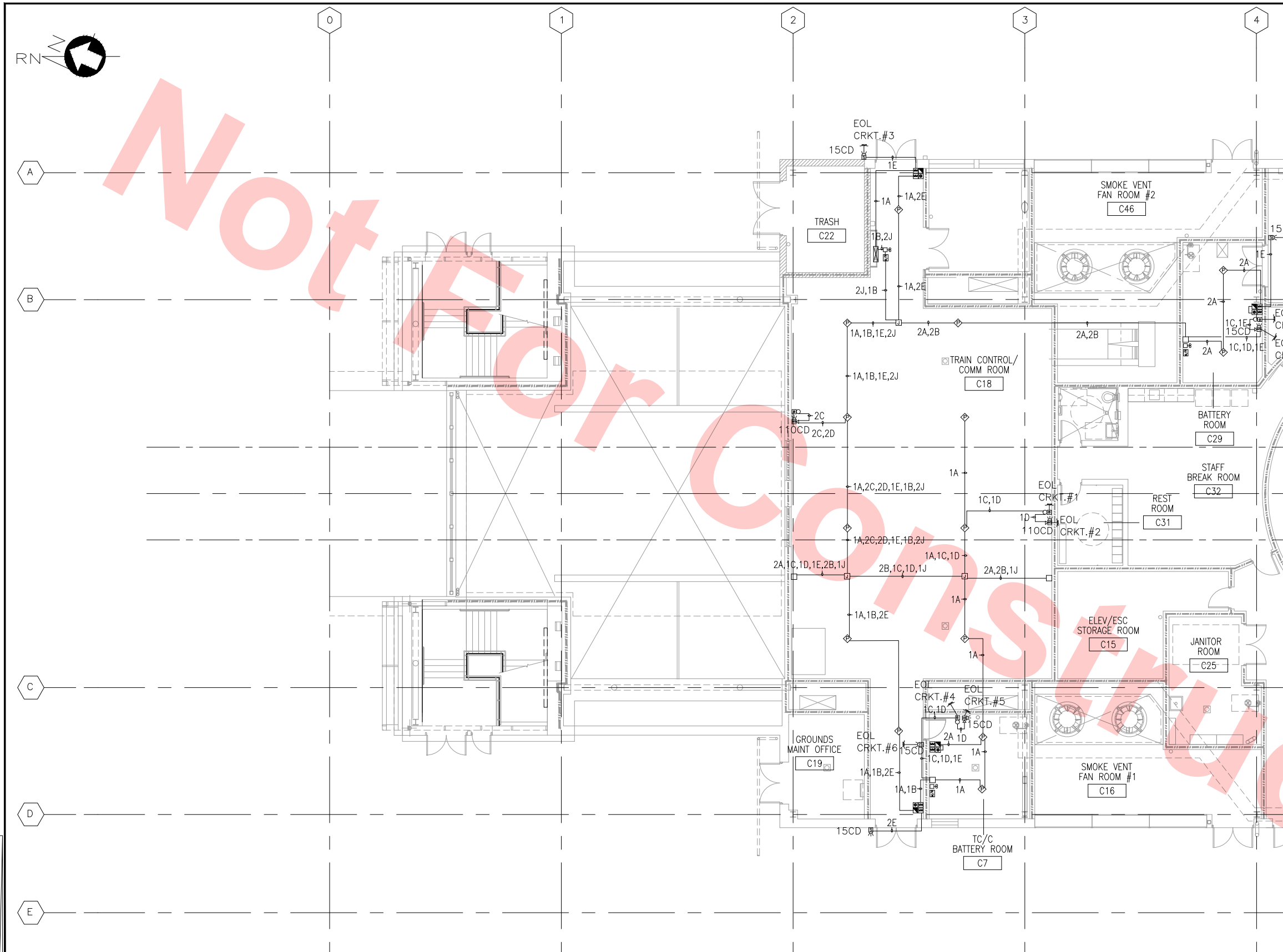
INDEX OF DRAWINGS

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AREA CODE DB	SHEET NO. X031	PAGE NO.

DU023-WP08 (Trench Structure) 5 of 68

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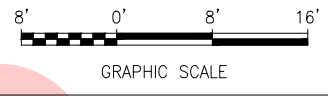


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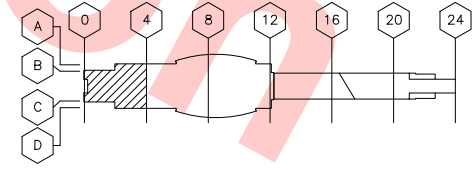
PART CONCOURSE LEVEL PLAN — ELECTRICAL LAYOUT
SCALE: 1/8"=1'-0"

NOTES

SYMBOLS AND LEGEND

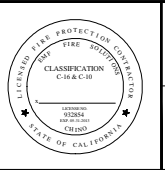


KEY PLAN



REV	DATE	BY	SUB	APP	DESCRIPTION
2013115					PRELIMINARY SUBMITTAL

DESIGNED BY
G.HAYES
DRAWN BY
A.CORTEZ
CHECKED BY
S.GALVAN
IN CHARGE
G.HAYES
DATE



Skanska Shimmick Herzog
1436 California Circle
Milpitas, California 95035
A Joint Venture
SMT
SUBMITTED

Lockwood, Andrews & Newnam, Inc.
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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
FM-200 FIRE DETECTION
SUPPRESSION AND CONTROL
ELECTRICAL LAYOUT

CADD FILENAME DB-M461.dwg	SIZE D	SCALE 1/8"=1'-0"	CONTRACT NO. C700	REV.
AREA CODE DB	SHEET NO. M461	PAGE NO.		

A horizontal graphic scale bar is located at the bottom center of the page. It is marked with '8'', '0'', '8'', and '16'' from left to right. The segment between 0' and 8' is filled with a black and white checkerboard pattern. The segment between 8' and 16' is solid black. The segment to the left of 0' is white. The text 'GRAPHIC SCALE' is centered below the bar.

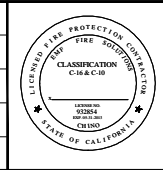
Technical drawing of a shaft with a keyway. The shaft has a diameter of 24 mm. The keyway is located at the center of the shaft. The dimensions of the keyway are given in the table below:

Dimension	Value
A	0
B	4
C	8
D	12
E	16
F	20
G	24

PART CONCOURSE LEVEL PLAN — MECHANICAL LAYOUT
SCALE: 1/8"=1'-0"

	2013115				PRELIMINARY SUBMITTAL
REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY	G.HAYES
DRAWN BY	A.CORTEZ
CHECKED BY	S.GALVAN
IN CHARGE	G.HAYES
DATE	



	<p>1436 California Circle Milpitas, California 95035</p> <p>A Joint Venture</p>
 <p>EMF FIRE SOLUTIONS 13781 Roswell Ave., Unit B Chino, CA 91713 Tel (909) 464-8000 Fax (909) 464-2025 California State C12012, License No. 102084</p>	 <p>LOCKWOOD, ANDREWS & NEWNAM, INC. A LEO A DALY COMPANY</p>
<p>SUBMITTED _____</p>	<p>APPROVED _____</p>

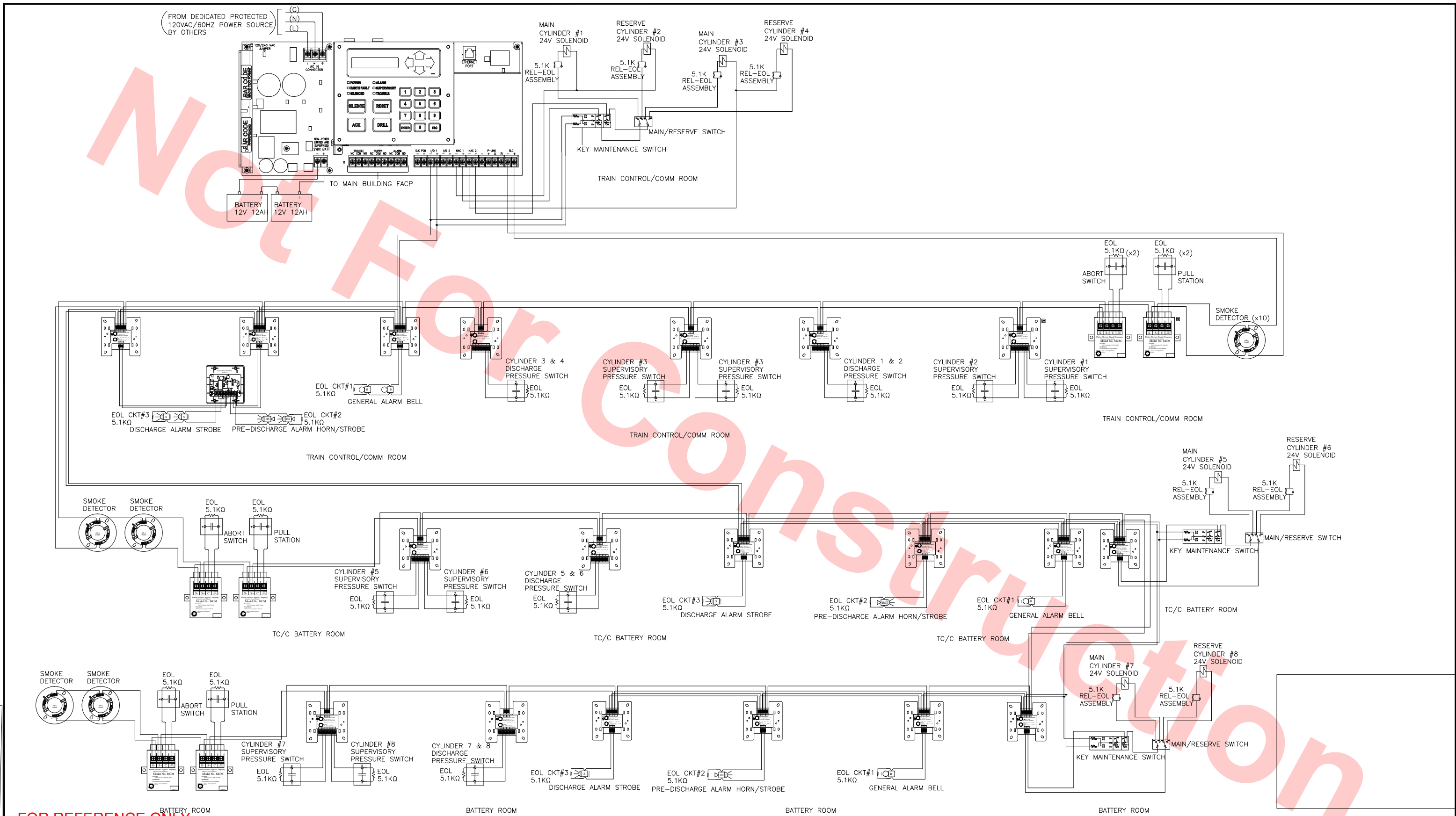
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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION






FM-200 FIRE DETECTION
SUPPRESSION AND CONTROL
MECHANICAL LAYOUT

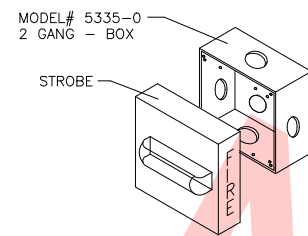
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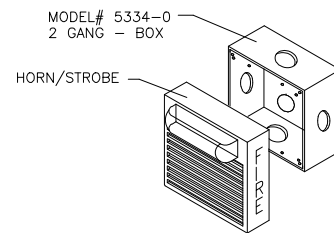
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RISER DIAGRAM
SCALE: N.T.S

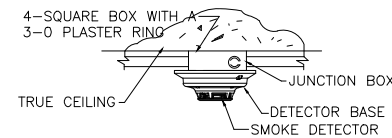
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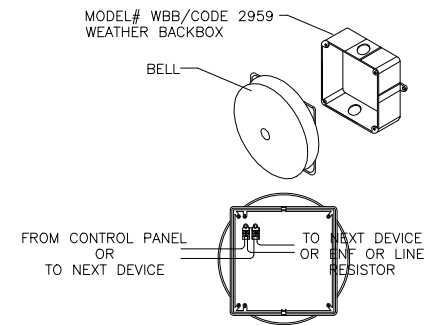
SURFACE MOUNT STROBE DETAIL
SCALE: NTS



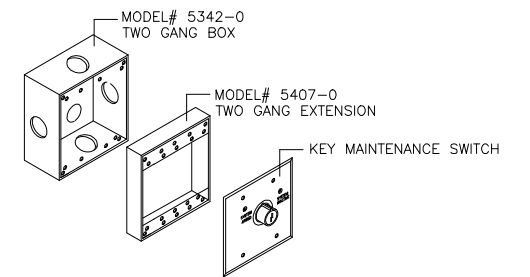
SURFACE MOUNT HORN STROBE DETAIL
SCALE: NTS



CEILING SMOKE DETECTOR MOUNTING DETAIL
SCALE: NTS



SURFACE MOUNT
BELL MOUNTING & WIRING DETAIL
SCALE: NTS



SURFACE MOUNT
KEY MAINTENANCE SWITCH DETAIL
SCALE: NTS

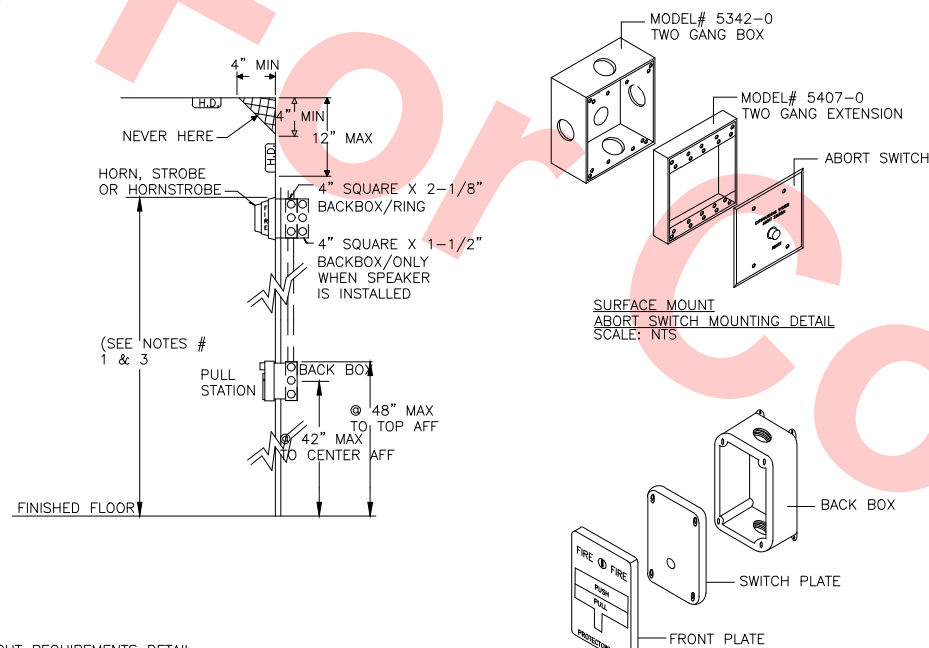
MOUNTING / HEIGHT REQUIREMENTS
PULL STATION, HORN/STROBE, STROBE &
SMOKE/HEAT DETECTORS

NOTES:

1. WALL-MOUNTED STROBES OR HORN/STROBES SHALL BE MOUNTED THAT THE ENTIRE LENS IS NOT LESS THAN 80 IN. AND NOT GREATER THAN 96 IN. AFF.
2. PULL STATIONS SHALL BE MOUNTED AT 48" MAX. TO TOP OF BOX, 42" MIN TO THE CENTER OF THE BOX AFF.
3. AUDIBLE ONLY DEVICES (HORNS, MINI HORNS, ETC.) SHALL BE MOUNTED AT 90" (MIN) TO THE TOP OF DEVICE AND NOT LESS THAN 6" BELOW THE CEILING.
4. REFERENCE NFPA 72 CHAPTER 4.

MOUNTING / HEIGHT REQUIREMENTS:
HORN STROBE & STROBE

MAXIMUM ROOM SIZE		MAXIMUM CEILING HEIGHT		MINIMUM REQUIRED LIGHT OUTPUT (EFFECTIVE INTENSITY) ONE FOOT CUBE
FT	M	FT	M	CD
20 X 20	6.1 X 6.1	10	3.05	15
30 X 30	9.14 X 9.14	10	3.05	30
40 X 40	12.2 X 12.2	10	3.05	60
50 X 50	15.2 X 15.2	10	3.05	95
20 X 20	6.1 X 6.1	20	6.1	30
30 X 30	9.14 X 9.14	20	6.1	45
40 X 40	12.2 X 12.2	20	6.1	80
50 X 50	15.2 X 15.2	20	6.1	115
20 X 20	6.1 X 6.1	30	9.14	55
30 X 30	9.14 X 9.14	30	9.14	75
40 X 40	12.2 X 12.2	30	9.14	115
50 X 50	15.2 X 15.2	30	9.14	150



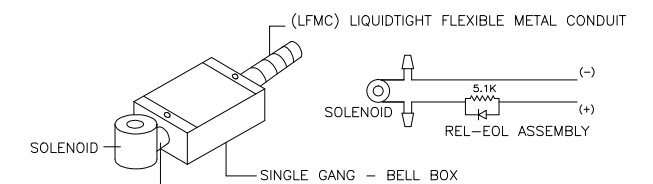
SURFACE MOUNT
EP/WP PULL STATION MOUNTING
SCALE: NTS



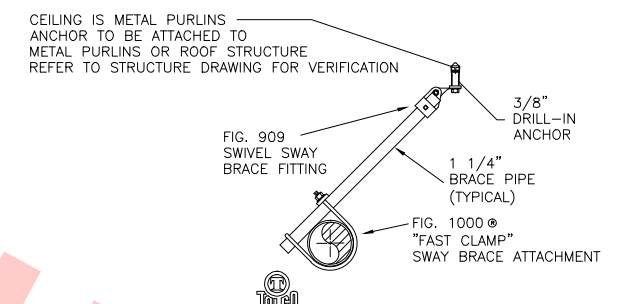
DO NOT ENTER SIGN DETAIL (OUTSIDE DOOR)
SCALE: NTS



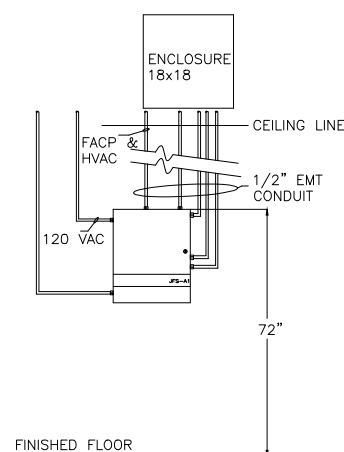
VACATE IMMEDIATELY SIGN DETAIL (INSIDE DOOR)
SCALE: NTS



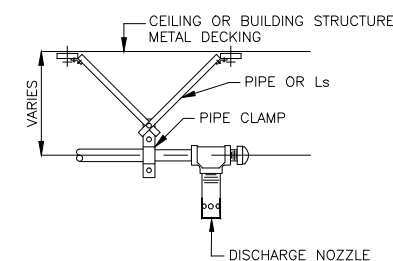
TYPICAL SOLENOID DETAIL
SCALE: NTS



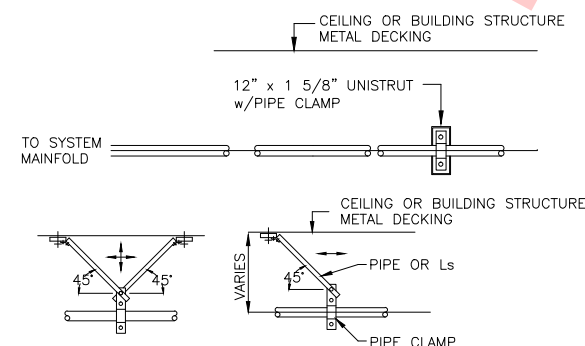
LATERAL EARTHQUAKE BRACE
SCALE: NTS



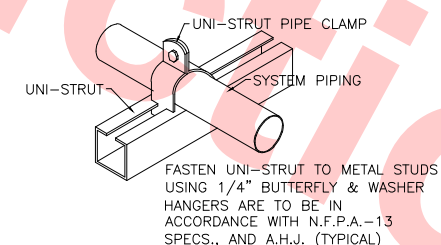
JANUS JFS-A1 PANEL
SCALE: INCHES



CEILING MOUNT NOZZLE
SCALE: NTS







TYPICAL SWAY BRACE DETAIL
SCALE: NTS



TYPICAL HANGER DETAIL
SCALE: NTS

JANUS JFS-A1
SCALE: INTJ

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						IN CHARGE G.HAYES										C700				
2013115						PRELIMINARY SUBMITTAL														
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE			AREA CODE		SHEET NO.	PAGE NO.								
									DB		M464									

FIRE DETAILS

UNDER DEVELOPMENT

UNDER DEVELOPMENT

UNDER DEVELOPMENT

ANCILLARY BUILDING FIRE
PROTECTION RISER DETAIL



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

FIRE PROTECTION HOSE
CABINET DETAIL



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

FIRE PROTECTION DELUGE
CABINET DETAIL



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

UNDER DEVELOPMENT

FIRE PROTECTION VALVE
ROOM DETAIL



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

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					DESIGNED BY K.MALONE		Skanska Shimmick Herzog		1436 California Circle Milpitas, California 95035 A Joint Venture		LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION FIRE DETAILS FIRE PROTECTION	CADD FILENAME C700-S-DB-M601.dwg			
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					CHECKED BY A.VEGAS										
					IN CHARGE K.MALONE										
REV	DATE	BY	SUB	APP	DESCRIPTION			APPROVED	SUBMITTED	BART SILICON VALLEY BERRYESSA EXTENSION		AREA CODE DB	SHEET NO. M601	PAGE NO.	

	20130111				DEFINITIVE DESIGN
REV	DATE	BY	SUB	APP	DESCRIPTION

 TRANSBAY FIRE PROTECTION, INC.
License No. 629778

NOT FOR
CONSTRUCTION

CADD FILENAME C700-S-DB-M602.dwg		
SIZE D	SCALE NO SCALE	
CONTRACT NO. C700		REV.
AREA CODE DB	SHEET NO. M602	PAGE NO.

UNDER DEVELOPMENT

UNDER DEVELOPMENT

[illegible]

1436 California Circle
Milpitas, California 95035
A Joint Venture



SUBMITTED _____

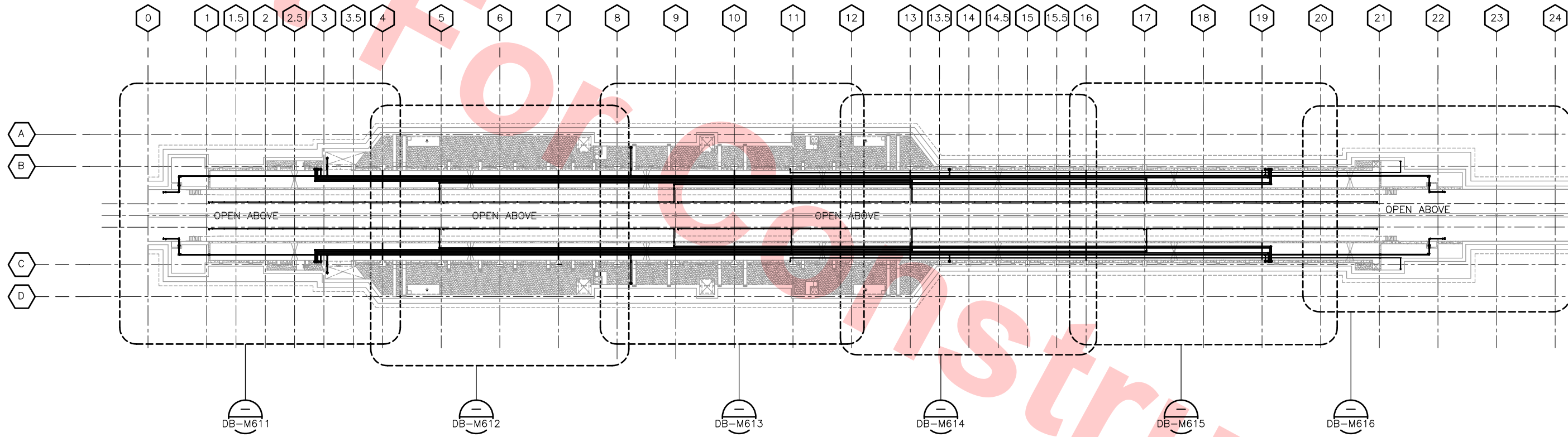


BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

FIRESTOPPING DETAILS
FIRE PROTECTION

CADD FILENAME C700-S-DB-M603.dwg		
SIZE D	SCALE NO SCALE	
CONTRACT NO. C700		REV.
AREA CODE DB	SHEET NO. M603	PAGE NO.



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						DESIGNED BY K. MALONE
						DRAWN BY J. CANRIGHT
						CHECKED BY A. VEGAS
						IN CHARGE K. MALONE
						DATE
REV	DATE	BY	SUB	APP	DESCRIPTION	
	20130111				DEFINITIVE DESIGN	



**Skanska
Shimmick
Herzog**
1436 California Circle
Milpitas, California 95035
A Joint Venture

TRANSBAY FIRE PROTECTION, INC.
License No. 62978

APPROVED _____

SUBMITTED _____

NOT FOR
CONSTRUCTION

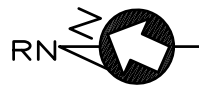
BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

**LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION**

KEY PLAN
TRACK LEVEL
FIRE PROTECTION PLAN

CADD FILENAME C700-S-DB-M610.dwg	
SIZE D	SCALE 1/32" = 1'-0"
CONTRACT NO.	REV. 0
AREA CODE DB	SHEET NO. M610
PAGE NO.	



KEY NOTES

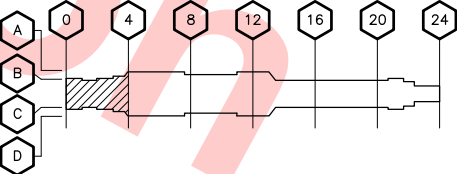
- 2 6" WSP
- 6 6" WSP SUPPLY FROM PLATFORM
- 8 4" UCDS SUPPLY TO DVC
- 9 4" UCDS
- 17 6" FCV FOR TUNNEL SEGMENT TIE IN
- 18 1" AUXD

SYMBOLS AND LEGEND

- NEW SPRAY NOZZLE 1/2" BRASS WITH DUST CAP



KEY PLAN



FOR REFERENCE ONLY
AND NOT FOR REVIEW

TRACK LEVEL FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"

DESIGNED BY K. MALONE	20130111	BY	SUB	APP	DEFINITIVE DESIGN
DRAWN BY J. CANRIGHT					
CHECKED BY A. VEGAS					
IN CHARGE K. MALONE					
DATE					
REV	DATE	BY	SUB	APP	DESCRIPTION



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	TRANSBAY FIRE PROTECTION, INC. License No. 62978	SUBMITTED

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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

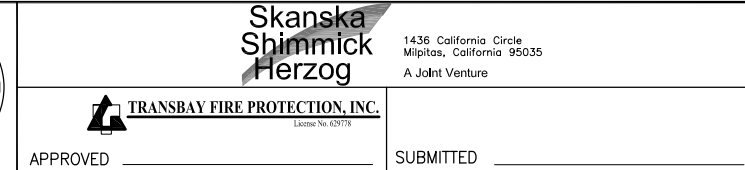
TRACK LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 1 OF 6

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AREA CODE DB	SHEET NO. M611	PAGE NO.

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						DESIGNED BY K. MALONE
						DRAWN BY J. CANRIGHT
						CHECKED BY A. VEGAS
	20130111				DEFINITIVE DESIGN	IN CHARGE K. MALONE
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE



BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

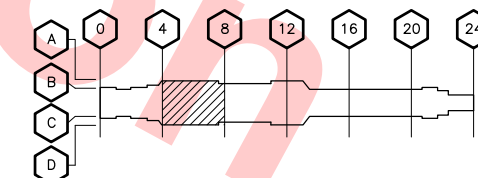
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

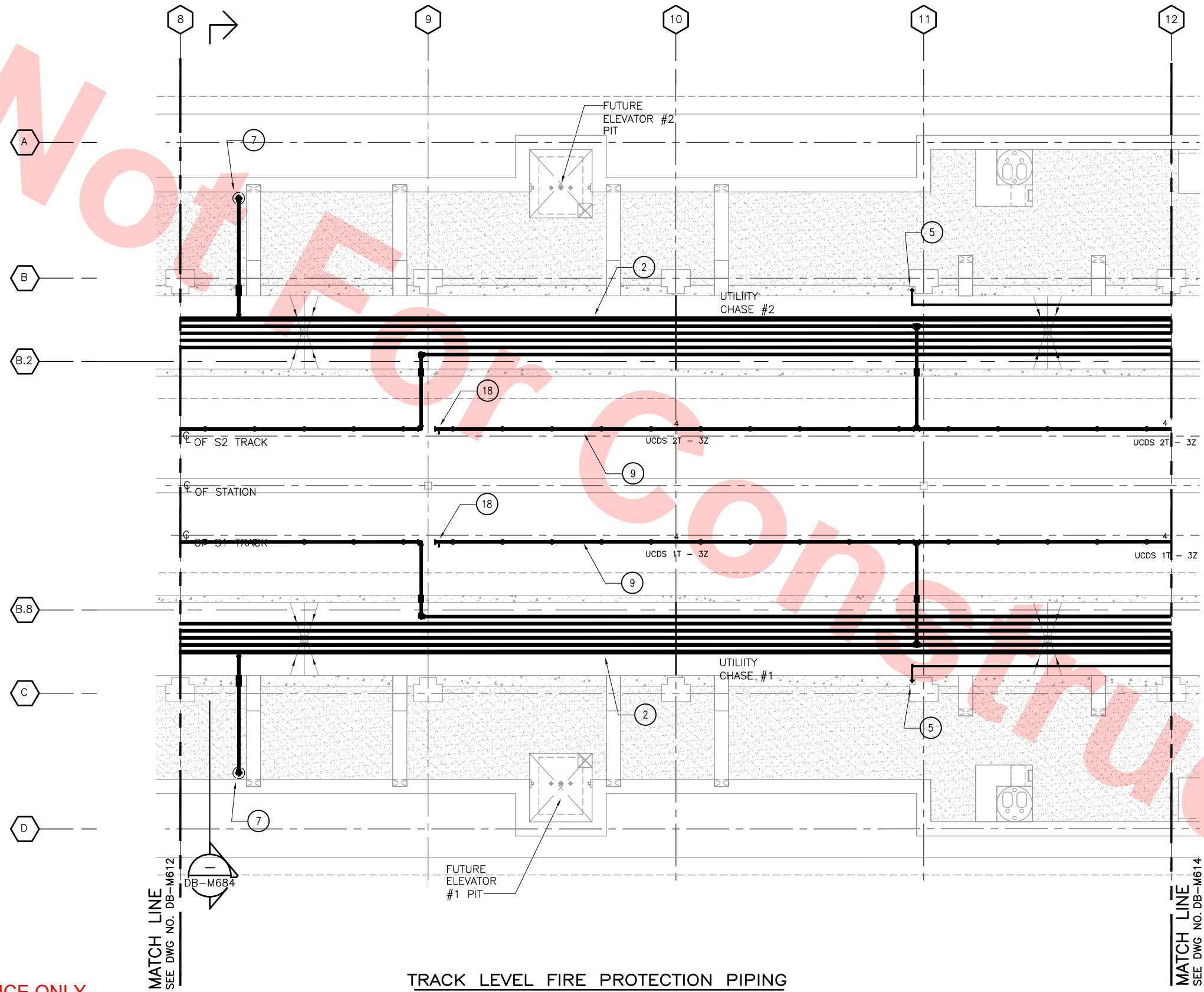
TRACK LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 2 OF 6

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CONTRACT NO. C700		REV. 0
AREA CODE DB	SHEET NO. M612	PAGE NO.

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⑨ 4" UCDS
⑮ 1" AUXD

- NEW SPRAY NOZZLE 1/2" BRASS WITH DUST CAP





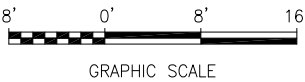
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KEY NOTES

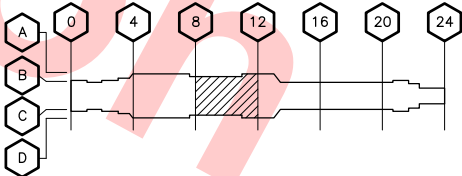
- 2 6" WSP
- 5 2" SP SUPPLY FROM CONCOURSE LEVEL
- 7 4" FHC SUPPLY UP TO PLATFORM LEVEL
- 9 4" UCDS
- 18 1" AUXD

SYMBOLS AND LEGEND

- NEW SPRAY NOZZLE 1/2" BRASS WITH DUST CAP



KEY PLAN



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CONSTRUCTION

SUBMITTED *Ry. Hollenuth*

BART
VTA SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

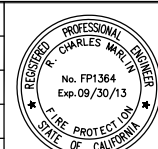
TRACK LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 3 OF 6

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BART SILICON VALLEY BERRYESSA EXTENSION

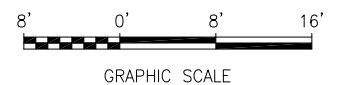
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

TRACK LEVEL
FIRE PROTECTION PIPING
SHEET 4 OF 6

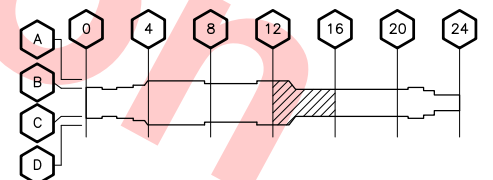
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AREA CODE DB	SHEET NO. M614	PAGE NO.

- ② 6" WSP
- ⑨ 4' UCDS
- ⑦ 4" FHC SUPPLY UP TO PLATFORM LEVEL

- NEW SPRAY NOZZLE 1/2" BRASS WITH DUST CAP



KEY PLAN





KEY NOTES

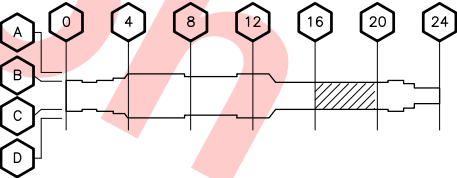
- 2 6" WSP
- 8 4" UCDS SUPPLY TO DVC
- 9 4' UCDS
- 18 1" AUXD

SYMBOLS AND LEGEND

- NEW SPRAY NOZZLE 1/2" BRASS WITH DUST CAP



KEY PLAN



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AND NOT FOR REVIEW

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IN CHARGE K.MALONE					
DATE					



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BART
SILICON VALLEY

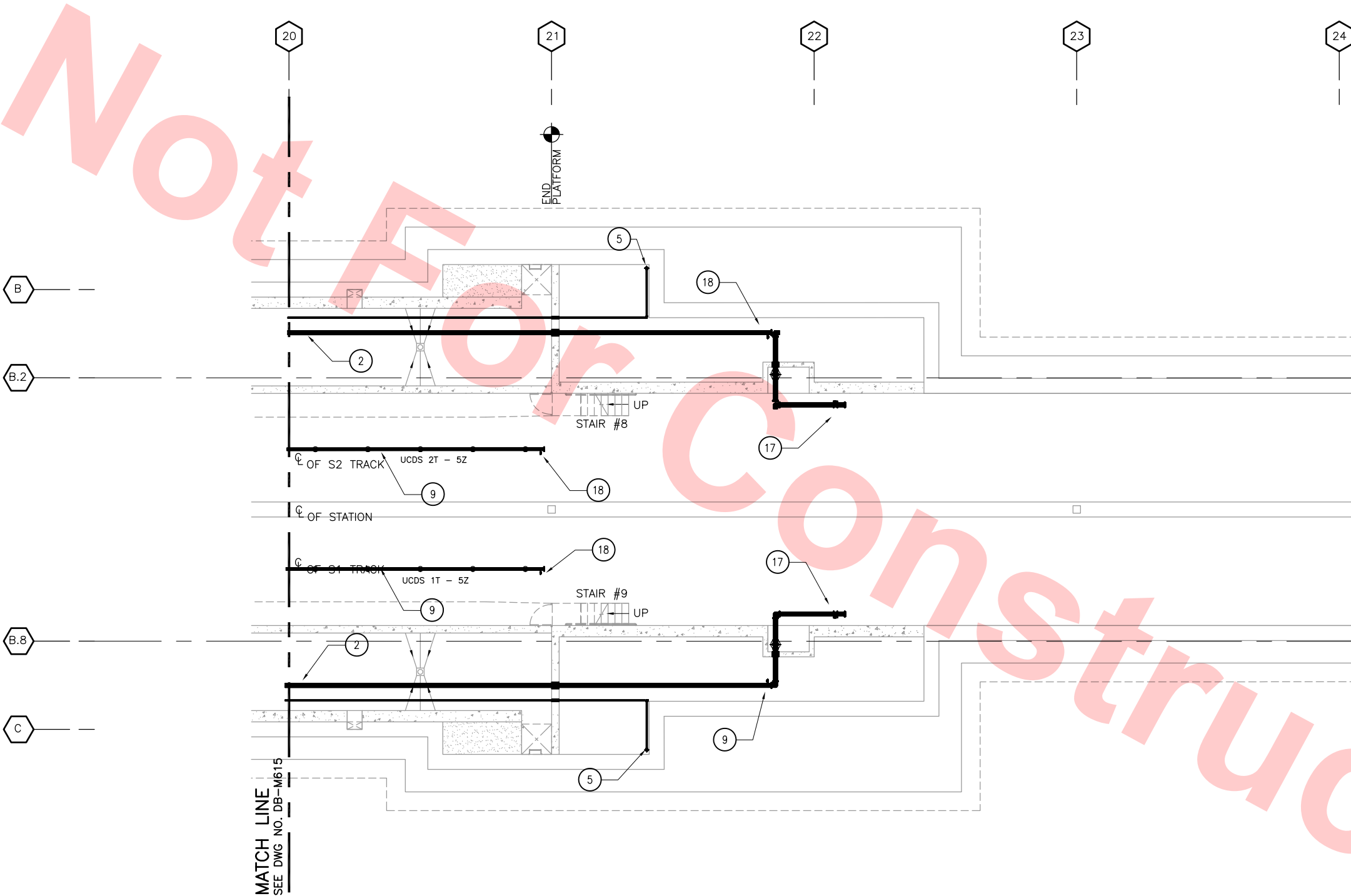
BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

TRACK LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 5 OF 6

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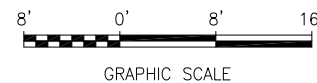


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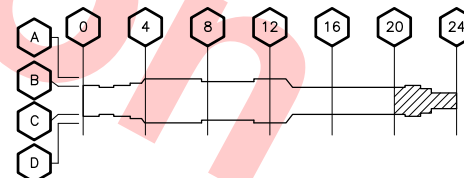
- 2 6" WSP
- 5 2" SP UP TO PLATFORM LEVEL
- 9 4" UCDS
- 17 6" FCV FOR TUNNEL SEGMENT TIE IN
- 18 1" AUXD

SYMBOLS AND LEGEND

- NEW SPRAY NOZZLE ½" BRASS WITH DUST CAP



KEY PLAN



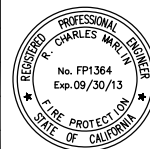
TRACK LEVEL FIRE PROTECTION PIPING

SCALE: 1/8"=1'-0"

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IN CHARGE	K. MALONE
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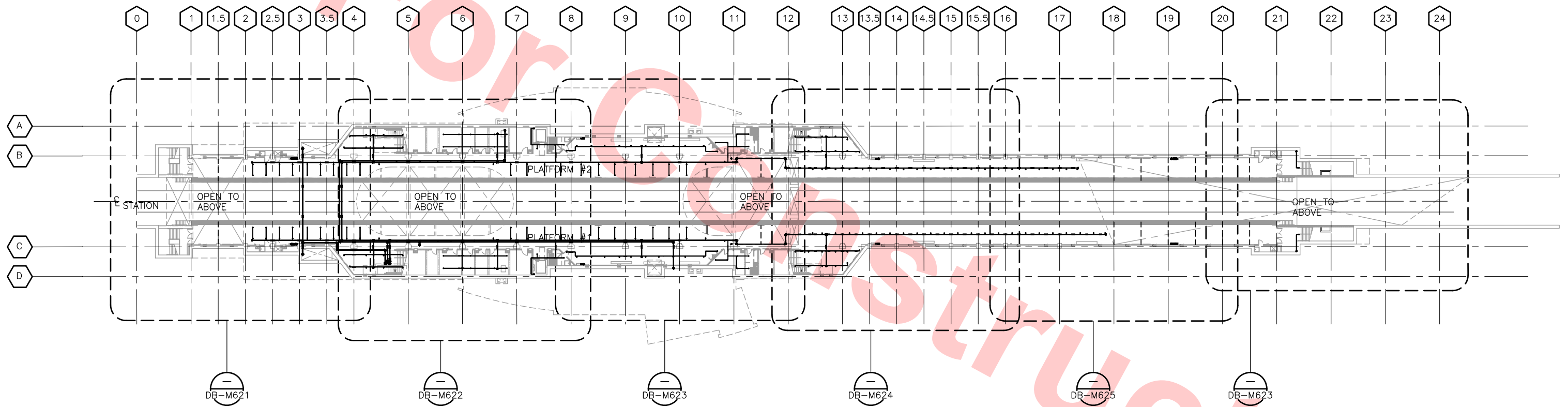
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

TRACK LEVEL
FIRE PROTECTION PIPING
SHEET 6 OF 6

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PAGE NO.	



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anastasia



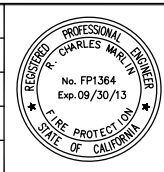
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KEY PLAN — PLATFORM LEVEL FIRE PROTECTION PIPING
SCALE: 1/32"=1'-0"



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	20130111				DEFINITIVE DESIGN



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BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION KEY PLAN PLATFORM LEVEL FIRE PROTECTION				CADD FILENAME C700-S-DB-M620.dwg
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KEY NOTES

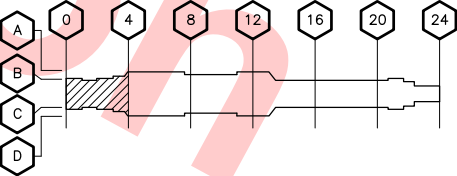
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- 2 6" WSP
- 6 6" WSP SUPPLY DOWN TO TRACK LEVEL
- 12 DVC
- 25 CONCEALED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN



PLATFORM LEVEL PLAN FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"

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CHECKED BY A. VEGAS					
IN CHARGE K. MALONE					
DATE					
REV	DATE	BY	SUB	APP	DESCRIPTION



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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

PLATFORM LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 1 OF 6

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anastasia

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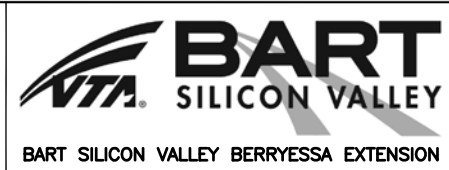
REV	DATE	BY	SUB	APP	DESCRIPTION
	20130111				DEFINITIVE DESIGN

DESIGNED BY
K. MALONE
DRAWN BY
J. CANRIGHT
CHECKED BY
A. VEGAS
IN CHARGE
K. MALONE
DATE



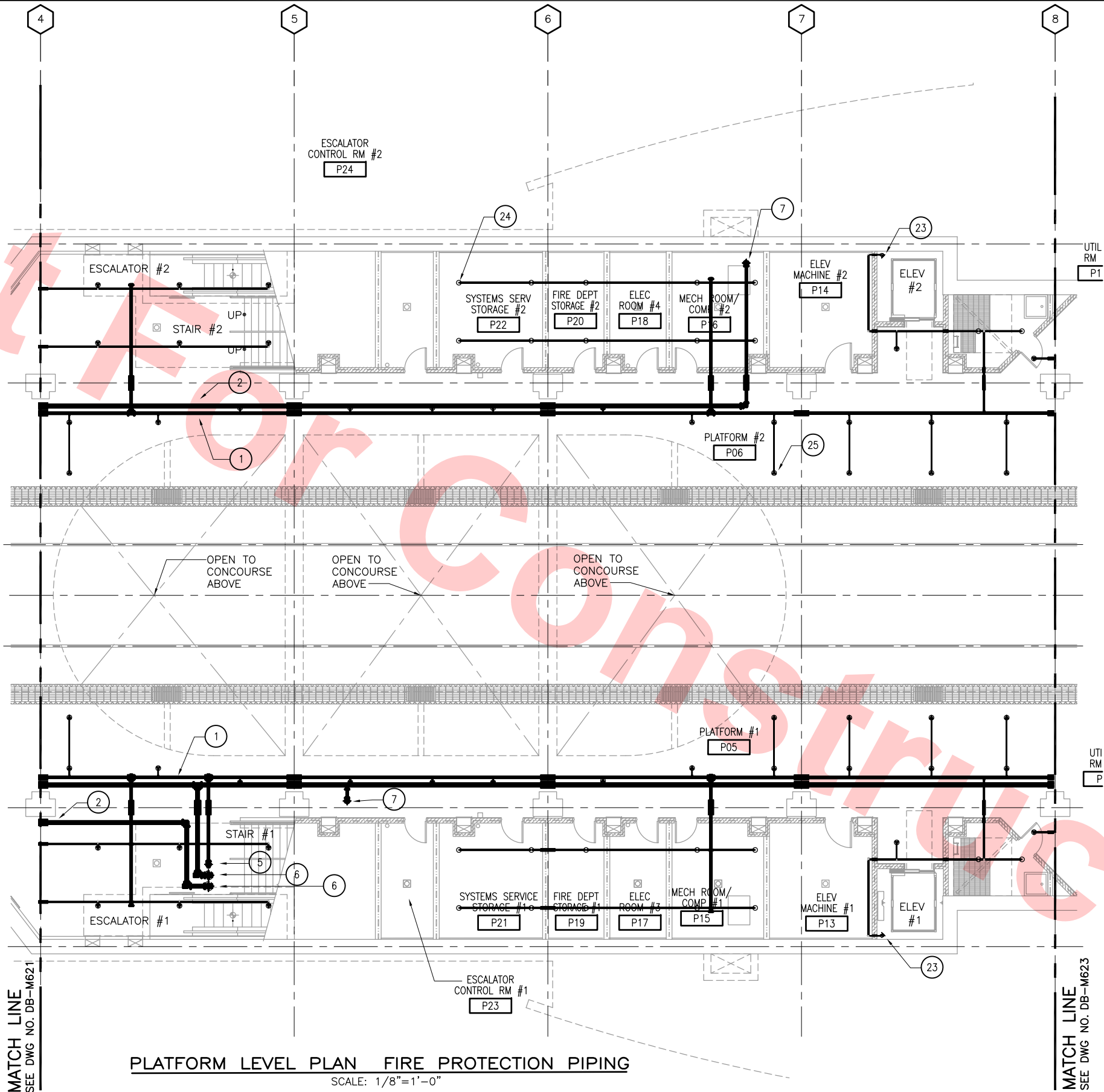
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Herzog
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License No. 62978
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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
PLATFORM LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 2 OF 6

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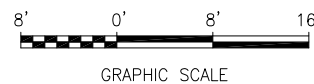
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KEY NOTES

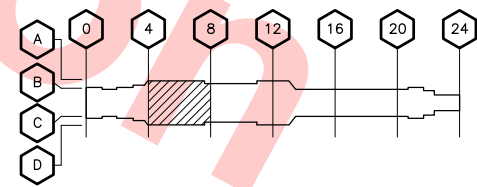
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- 2 6" WSP
- 5 4" SP SUPPLY FROM CONCOURSE LEVEL
- 6 6" WSP SUPPLY FROM CONCOURSE LEVEL
- 7 4" FHC SUPPLY UP CONCOURSE LEVEL
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER
- 25 CONCEALED PENDENT SPRINKLER

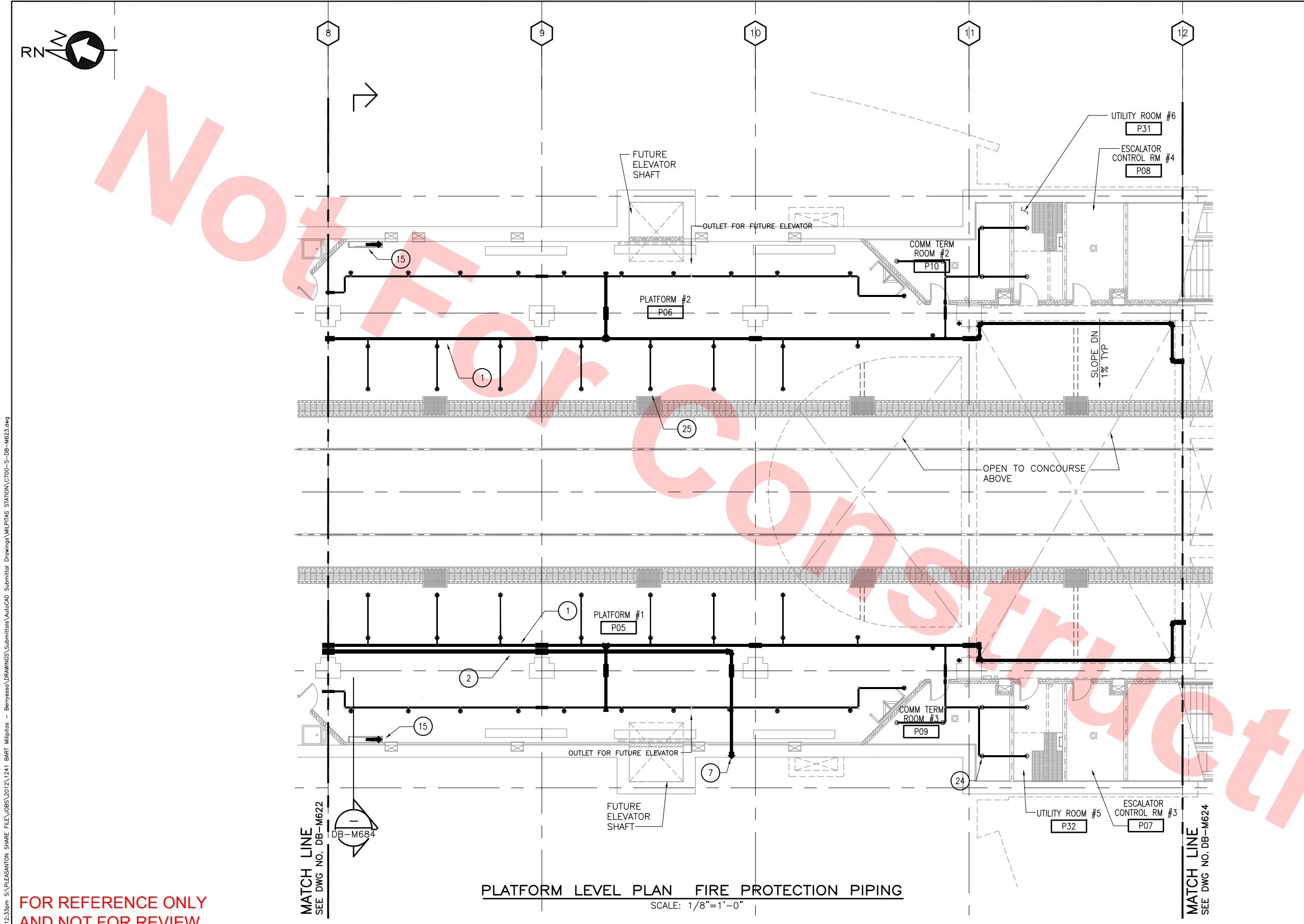
SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN

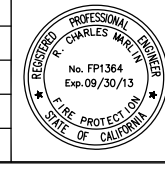




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20130111					DEFINITIVE DESIGN

DESIGNED BY
K.MALONE
DRAWN BY
J.CANRIGHT
CHECKED BY
A.VEGAS
IN CHARGE
K.MALONE
DATE



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BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
PLATFORM LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 3 OF 6

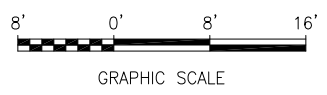
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KEY NOTES

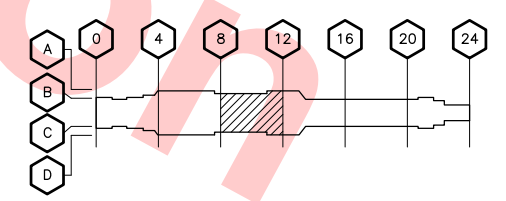
- 1 4" SP
- 2 6" WSP
- 7 6" FHC SUPPLY UP TO CONCOURSE LEVEL
- 15 FHC
- 24 UPRIGHT SPRINKLER
- 25 CONCEALED PENDENT SPRINKLER

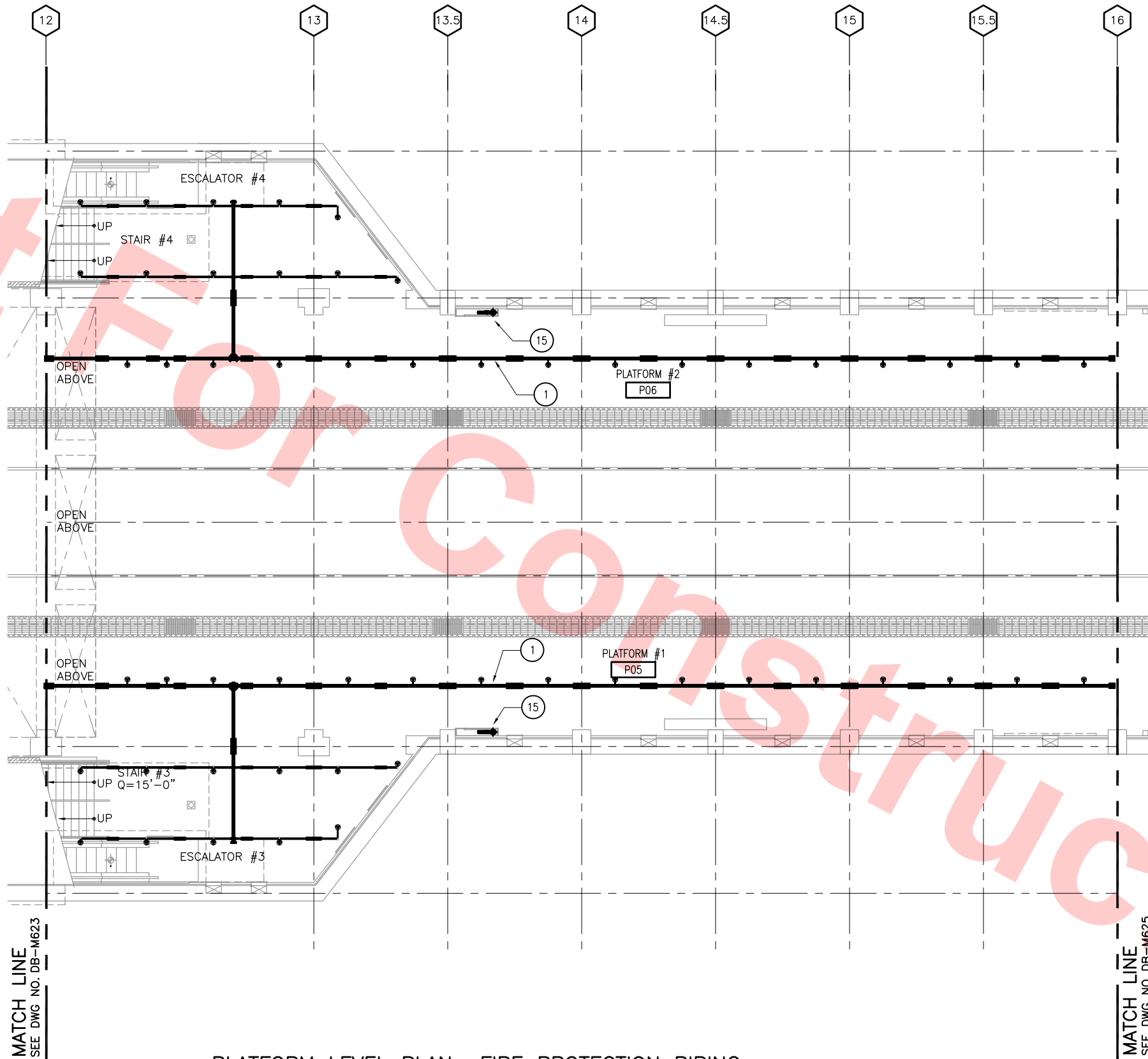
SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN





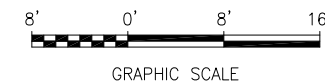
PLATFORM LEVEL PLAN FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"

KEY NOTES

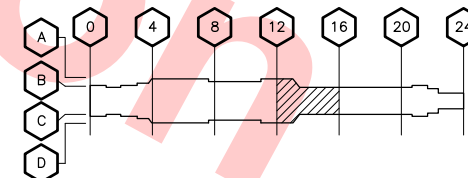
- 1 4" SP
- 15 FHC

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER

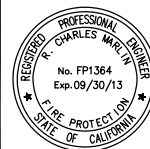


KEY PLAN



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AND NOT FOR REVIEW

DESIGNED BY K. MALONE	20130111	BY	SUB	APP	DEFINITIVE DESIGN
DRAWN BY J. CANRIGHT					
CHECKED BY A. VEGAS					
IN CHARGE K. MALONE					
DATE	20130111	BY	SUB	APP	DESCRIPTION



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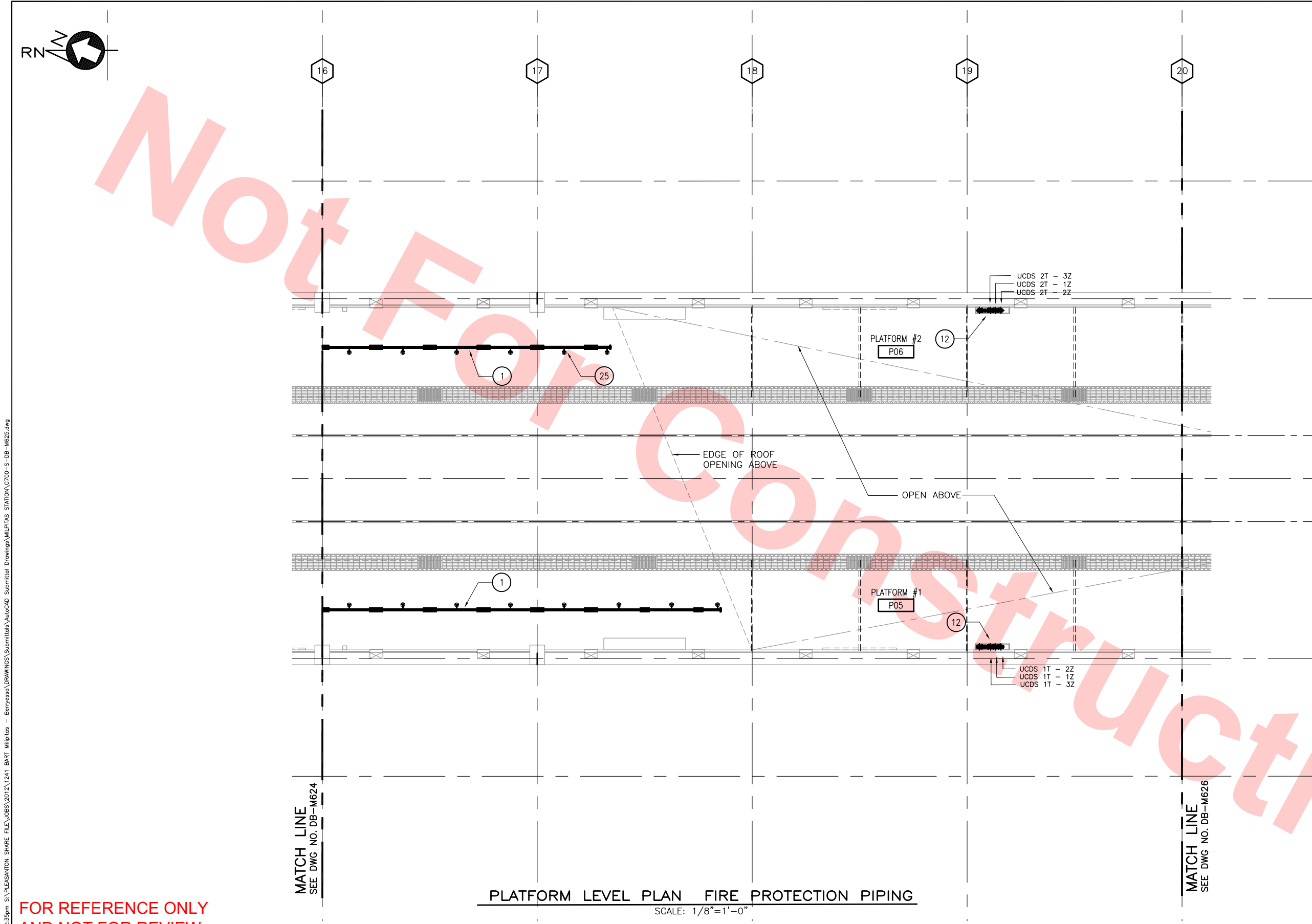


LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

PLATFORM LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 4 OF 6

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REV	DATE	BY	SUB	APP	DESCRIPTION
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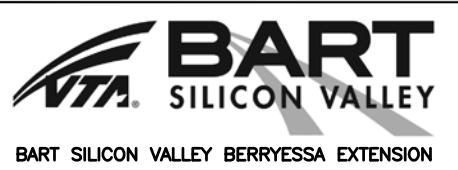
DESIGNED BY
K. MALONE
DRAWN BY
J. CANRIGHT
CHECKED BY
A. VEGAS
IN CHARGE
K. MALONE
DATE



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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
PLATFORM LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 5 OF 6

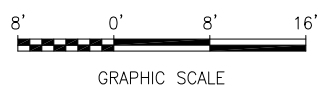
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AREA CODE DB	SHEET NO. M625	PAGE NO.		

KEY NOTES

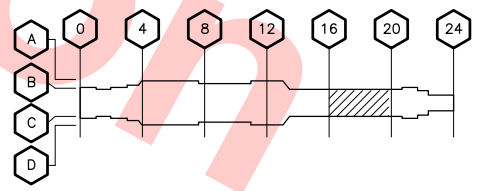
- 1 4" SP
- 12 DVC
- 25 CONCEALED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN





SCALE: 1/8"=1'-0"

DESIGNED BY K. MALONE
DRAWN BY J. CANRIGHT
CHECKED BY A. VEGAS
IN CHARGE K. MALONE
DATE


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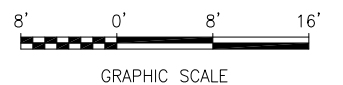


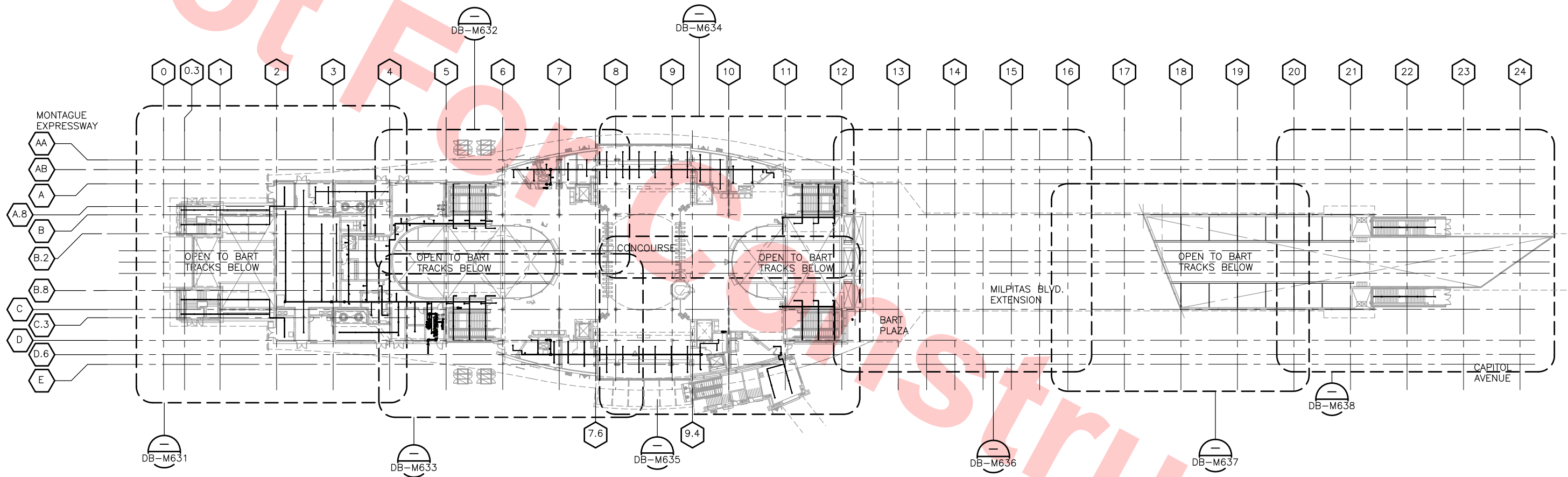
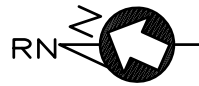
BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

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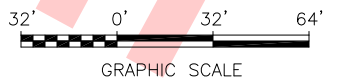
⑤ 2" SP SUPPLY TO CONCOURSE LEVEL



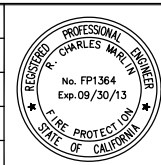


FOR REFERENCE ONLY
AND NOT FOR REVIEW

KEY PLAN — CONCOURSE LEVEL FIRE PROTECTION PIPING
SCALE: 1/32"=1'-0"



DESIGNED BY K. MALONE					
DRAWN BY J. CANRIGHT					
CHECKED BY A. VEGAS					
IN CHARGE K. MALONE					
DATE					
20130111					
DEFINITIVE DESIGN					
DESCRIPTION					
REV	DATE	BY	SUB	APP	



Skanska Shimmick Herzog	1436 California Circle Milpitas, California 95035 A Joint Venture
TRANSBAY FIRE PROTECTION, INC. License No. 62978	
APPROVED _____	SUBMITTED _____

NOT FOR
CONSTRUCTION

BART
SILICON VALLEY
BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION KEYPLAN CONCOURSE LEVEL FIRE PROTECTION				CADD FILENAME C700-S-DB-M630.dwg
SIZE D	SCALE 1/32" = 1'-0"	CONTRACT NO. C700	REV. 0	
AREA CODE DB	SHEET NO. M630	PAGE NO.		



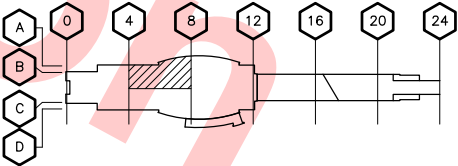
KEY NOTES

- 1 4" SP
- 5 4" SP SUPPLY FROM ROOF
- 15 FHC
- 18 1" AUXD
- 24 UPRIGHT SPRINKLER
- 25 CONCEALED PENDENT SPRINKLER
- 26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER

KEY PLAN



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CONCOURSE LEVEL FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"



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CHECKED BY A. VEGAS	
IN CHARGE K. MALONE	
DATE	
20130111	DEFINITIVE DESIGN
REV	DATE
BY	SUB
APP	DESCRIPTION



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TRANSBAY FIRE PROTECTION, INC. License No. 62978	
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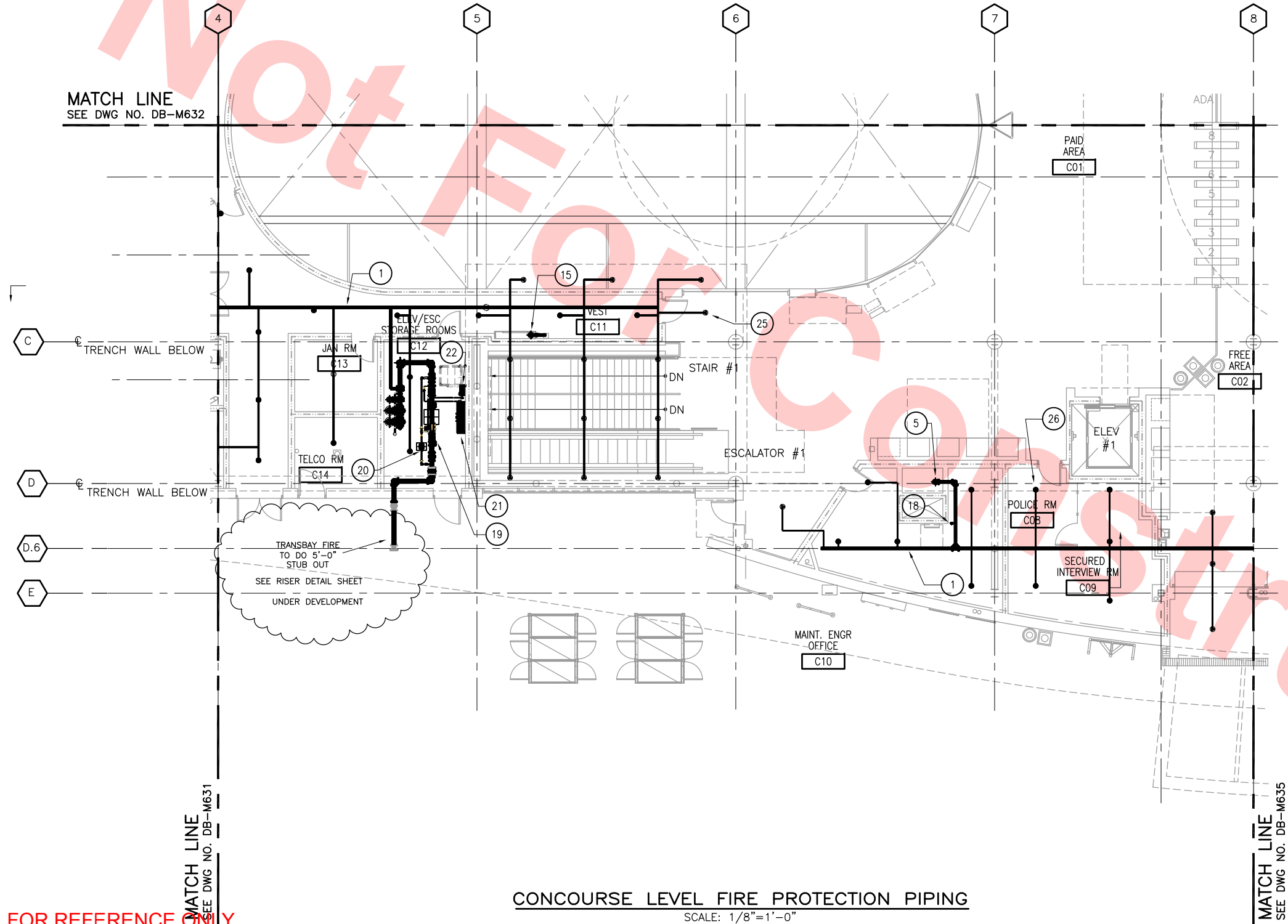
NOT FOR
CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL
FIRE PROTECTION PIPING

SHEET 2 OF 8

CADD FILENAME C700-S-DB-M632.dwg	
SIZE D	SCALE 1/8" = 1'-0"
CONTRACT NO.	C700
AREA CODE DB	SHEET NO. M632
	PAGE NO. 0



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AND NOT FOR REVIEW

CONCOURSE LEVEL FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"



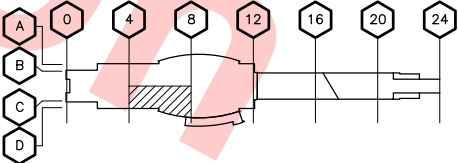
KEY NOTES

- 1 4" SP
- 5 4" SP SUPPLY FROM ROOF SYSTEM
- 15 FHC
- 18 1" AUXD
- 19 FP
- 20 JP
- 21 FPC
- 22 JPC
- 25 CONCEALED PENDENT SPRINKLER
- 26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER

KEY PLAN



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DRAWN BY J. CANRIGHT	
CHECKED BY A. VEGAS	
IN CHARGE K. MALONE	
DATE	

REV	DATE	BY	SUB	APP	DESCRIPTION
20130111					DEFINITIVE DESIGN



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Milpitas, California 95035
A Joint Venture

TRANSBAY FIRE PROTECTION, INC.
License No. 62978

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BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION PIPING

SHEET 3 OF 8

CADD FILENAME C700-S-DB-M633.dwg	
SIZE D	SCALE 1/8" = 1'-0"
CONTRACT NO. C700	REV. 0
AREA CODE DB	SHEET NO. M633
PAGE NO.	

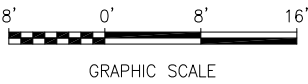


KEY NOTES

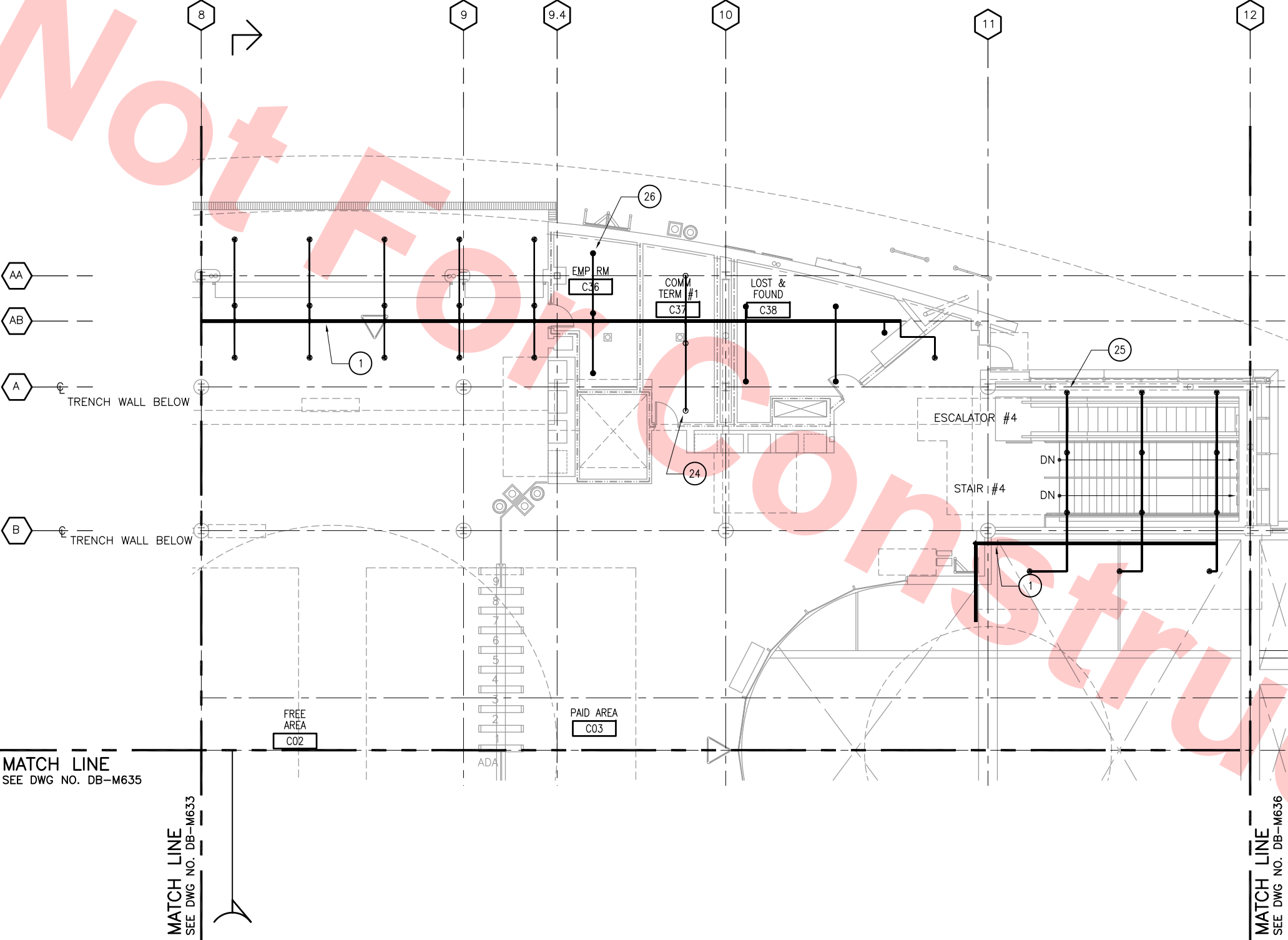
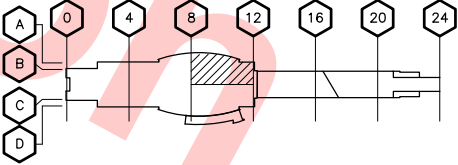
- 1 4" SP
- 24 UPRIGHT SPRINKLER
- 25 CONCEALED PENDENT SPRINKLER
- 26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN



CONCOURSE LEVEL FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"

FOR REFERENCE ONLY
AND NOT FOR REVIEW

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						DRAWN BY J. CANRIGHT
						CHECKED BY A. VEGAS
	20130111				DEFINITIVE DESIGN	IN CHARGE K. MALONE
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE



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Shimmick
Herzog

1436 California Circle
Milpitas, California 95035
A Joint Venture

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License No. 62978

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NOT FOR
CONSTRUCTION

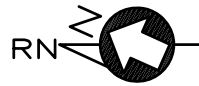
BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

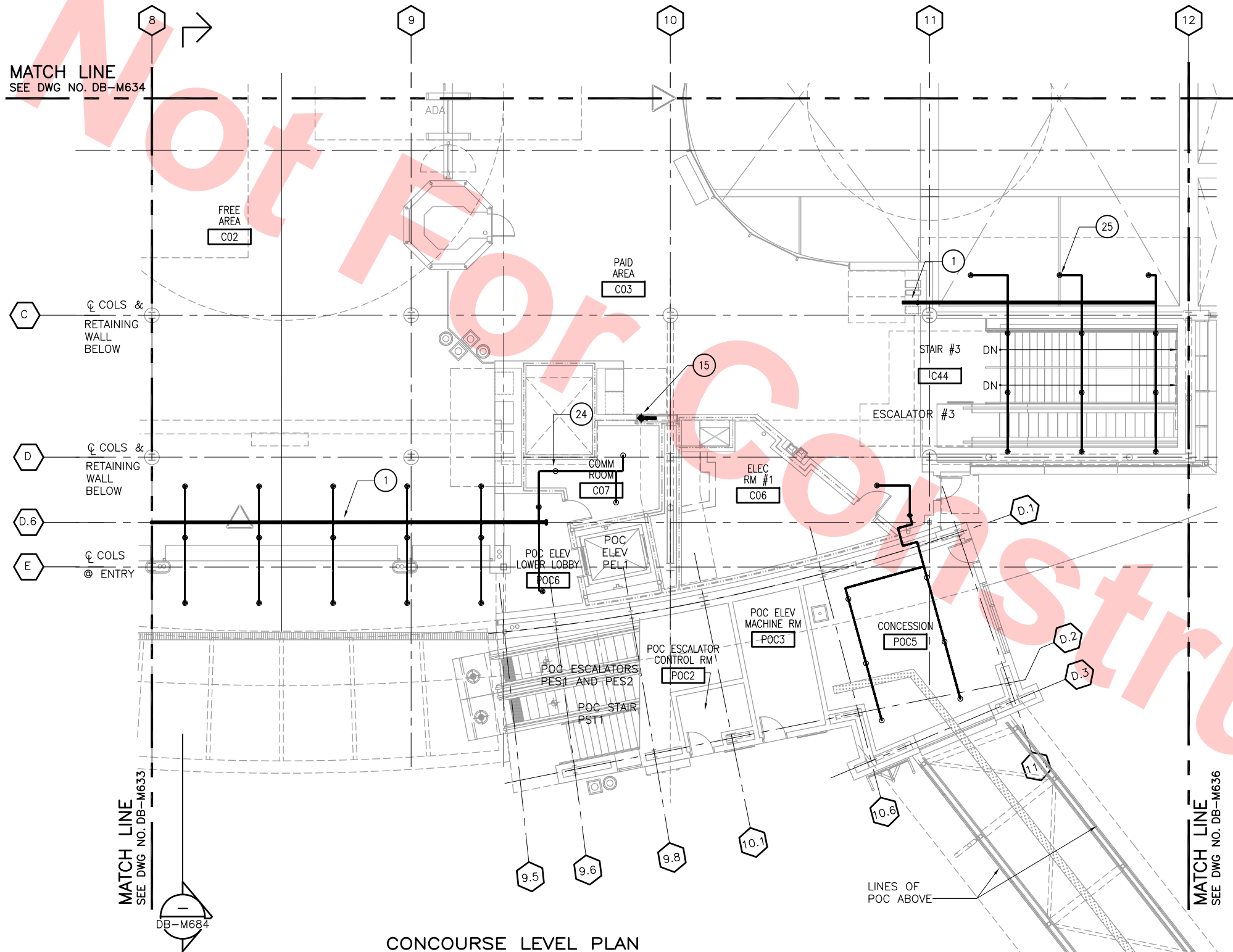
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION PIPING

SHEET 4 OF 8

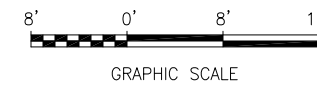
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CONTRACT NO. C700		
AREA CODE DB	SHEET NO. M634	PAGE NO.



MATCH LINE
SEE DWG NO. DB-M634



CONCOURSE LEVEL PLAN
SCALE: 1/8"=1'-0"



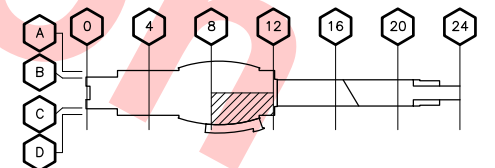
KEY NOTES

- 1 4" SP
- 15 FHC
- 24 UPRIGHT SPRINKLER
- 25 CONCEALED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER

KEY PLAN



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AND NOT FOR REVIEW

REV	DATE	BY	SUB	APP	DESCRIPTION
20130111					DEFINITIVE DESIGN

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DRAWN BY J.CANRIGHT	
CHECKED BY A.VEGAS	
IN CHARGE K.MALONE	
DATE	

Skanska Shimmick Herzog	1436 California Circle Milpitas, California 95035 A Joint Venture
TRANSBAY FIRE PROTECTION, INC.	
APPROVED	SUBMITTED

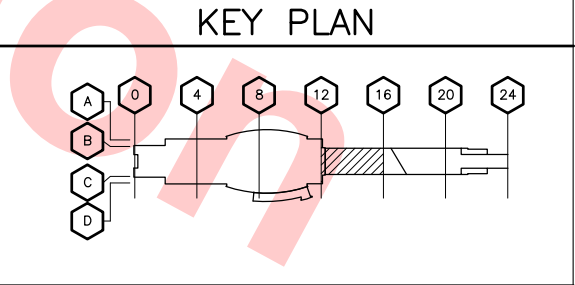
NOT FOR
CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION


CONCOURSE LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 5 OF 8

CADD FILENAME C700-S-DB-M635.dwg	SIZE D	SCALE 1/8"=1'-0"	CONTRACT NO. C700	REV.
AREA CODE DB	SHEET NO. M635	PAGE NO.		



						DESIGNED BY K. MALONE
						DRAWN BY J. CANRIGHT
						CHECKED BY A. VEGAS
	20130111				DEFINITIVE DESIGN	IN CHARGE K. MALONE
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE




TRANSBAY FIRE PROTECTION, INC.
 License No. 629778
 APPROVED _____

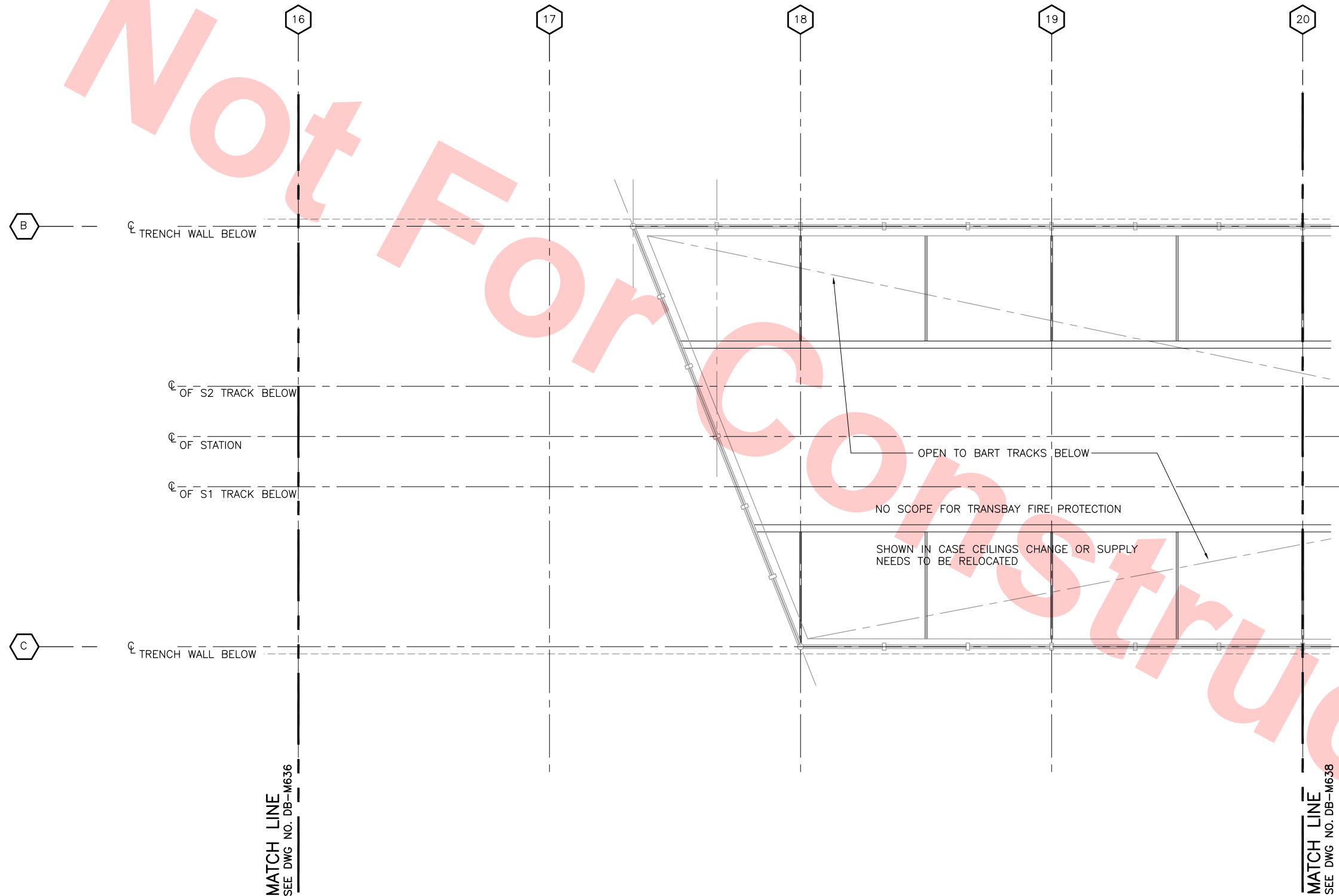


BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

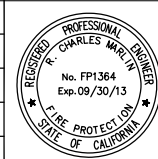
SHEET 6 OF 8

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AREA CODE DB	SHEET NO. M636	PAGE NO.



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						DRAWN BY J. CANRIGHT
						CHECKED BY A. VEGAS
	20130111				DEFINITIVE DESIGN	IN CHARGE K. MALONE
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE



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1436 California Circle
Milpitas, California 95035
A JOINT VENTURE



TRANSBAY FIRE PROTECTION, INC.

License No. 629778

APPROVED _____

SUBMITTED _____

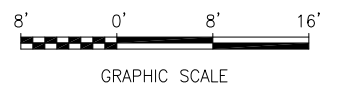
NOT FOR
CONSTRUCTION



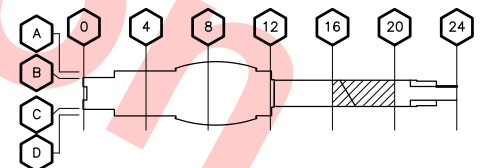
BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION PIPING

SHEET 7 OF 8



KEY PLAN



CADD FILENAME C700-S-DB-M637.dwg		
SIZE D	SCALE 1/8" = 1'-0"	
CONTRACT NO. C700		REV. 0
AREA CODE DB	SHEET NO. M637	PAGE NO.



CONCOURSE LEVEL PLAN FIRE PROTECTION
SCALE: 1/8"=1'-0"

1436 California Circle
Milpitas, California 95035
A Joint Venture



SUBMITTED _____



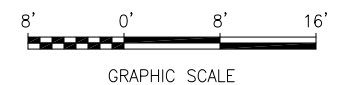
BART SILICON VALLEY BERRYESSA EXTENSION

SHEET 8 OF 8

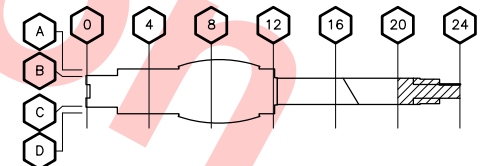
KEY NOTES

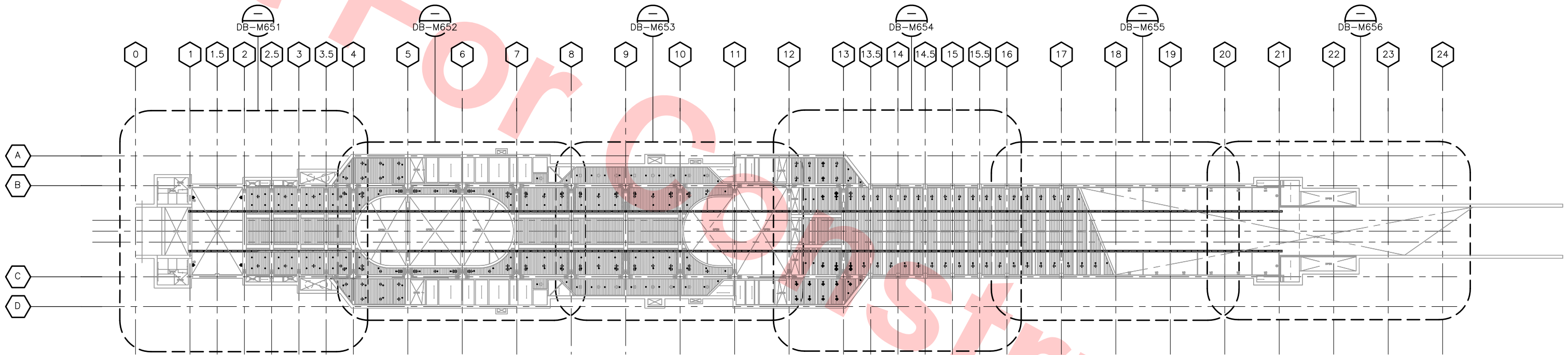
- ## SYMBOLS AND LEGEND

- O NEW UPRIGHT 1/2" 200° BRASS SPRINKLER



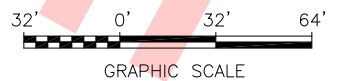
KEY PLAN






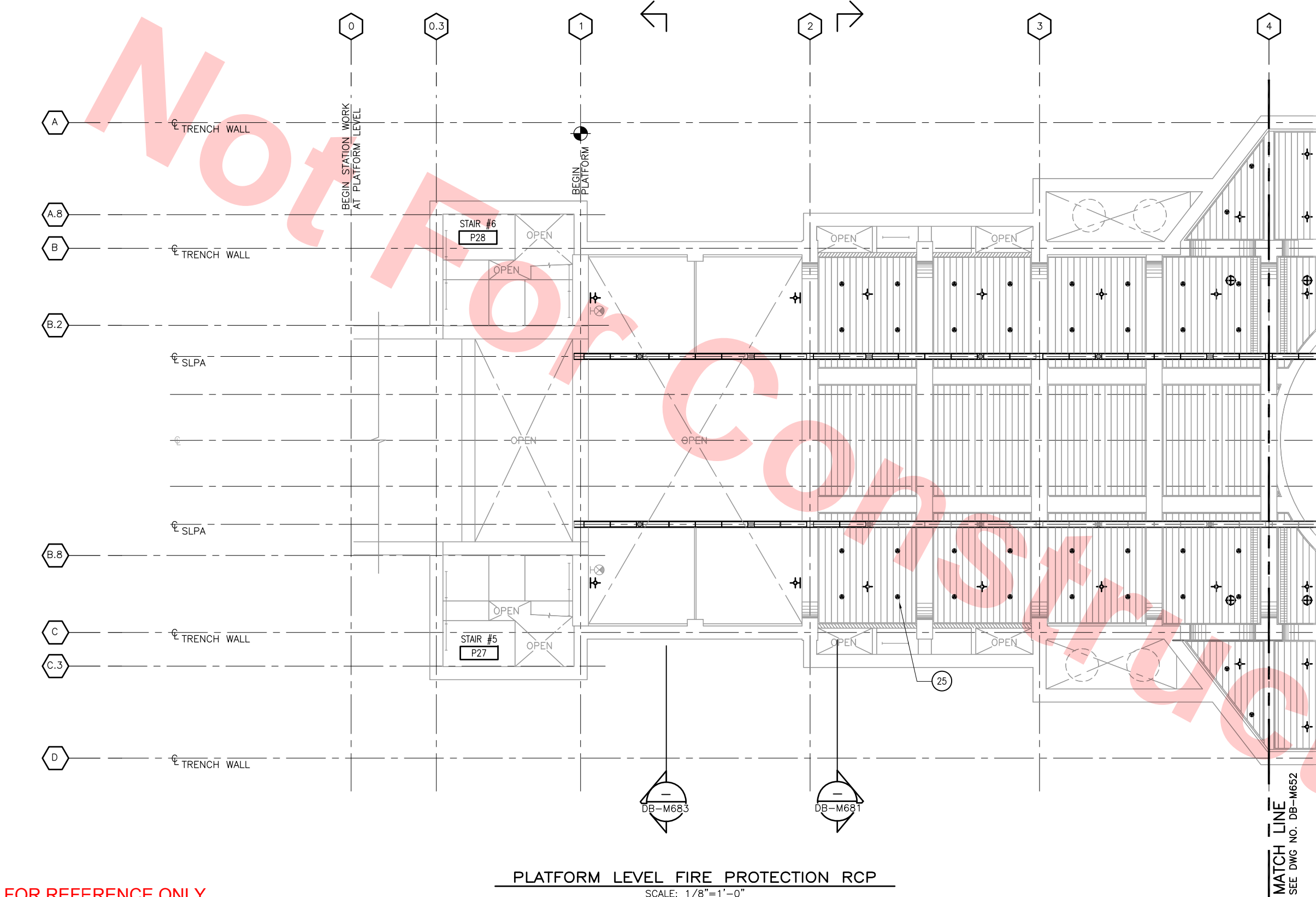


FOR REFERENCE ONLY
AND NOT FOR REVIEW

KEYPLAN — PLATFORM LEVEL FIRE PROTECTION RCP
SCALE: 1/32"=1'-0"

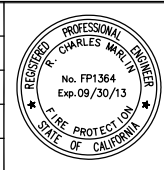


Jan 23, 2013						DESIGNED BY K. MALONE		Skanska Shimmick Herzog	1436 California Circle Milpitas, California 95035 A Joint Venture	NOT FOR CONSTRUCTION		LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION	CADD FILENAME C700-S-DB-M650.dwg	
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						CHECKED BY A. VEGAS							CONTRACT NO.	REV.
						IN CHARGE K. MALONE							AREA CODE DB	SHEET NO. M650
20130111					DEFINITIVE DESIGN									
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE	 TRANSBAY FIRE PROTECTION, INC. <small>License No. 629718</small>							
							APPROVED _____		SUBMITTED _____					



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CHECKED BY A. VEGAS						
IN CHARGE K. MALONE						
DATE						
REV	DATE	BY	SUB	APP	DESCRIPTION	



Skanska
Shimmick
Herzog

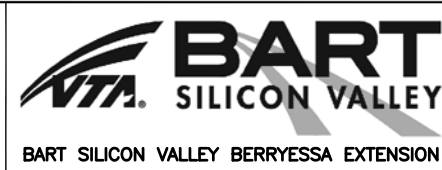
1436 California Circle
Milpitas, California 95035
A Joint Venture

TRANSBAY FIRE PROTECTION, INC.
License No. 62978

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SUBMITTED _____

NOT FOR
CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

PLATFORM LEVEL
FIRE PROTECTION RCP
SHEET 1 OF 6

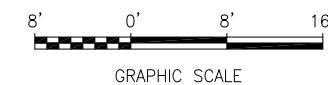
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AREA CODE DB	SHEET NO. M651	PAGE NO.	

KEY NOTES

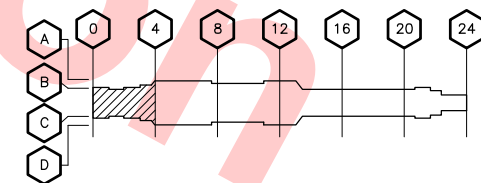
- (25) CONCEALED PENDENT SPRINKLER

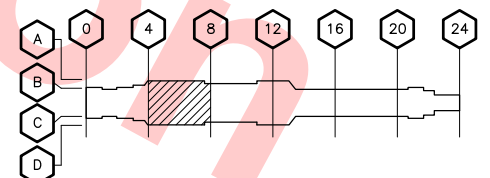
SYMBOLS AND LEGEND

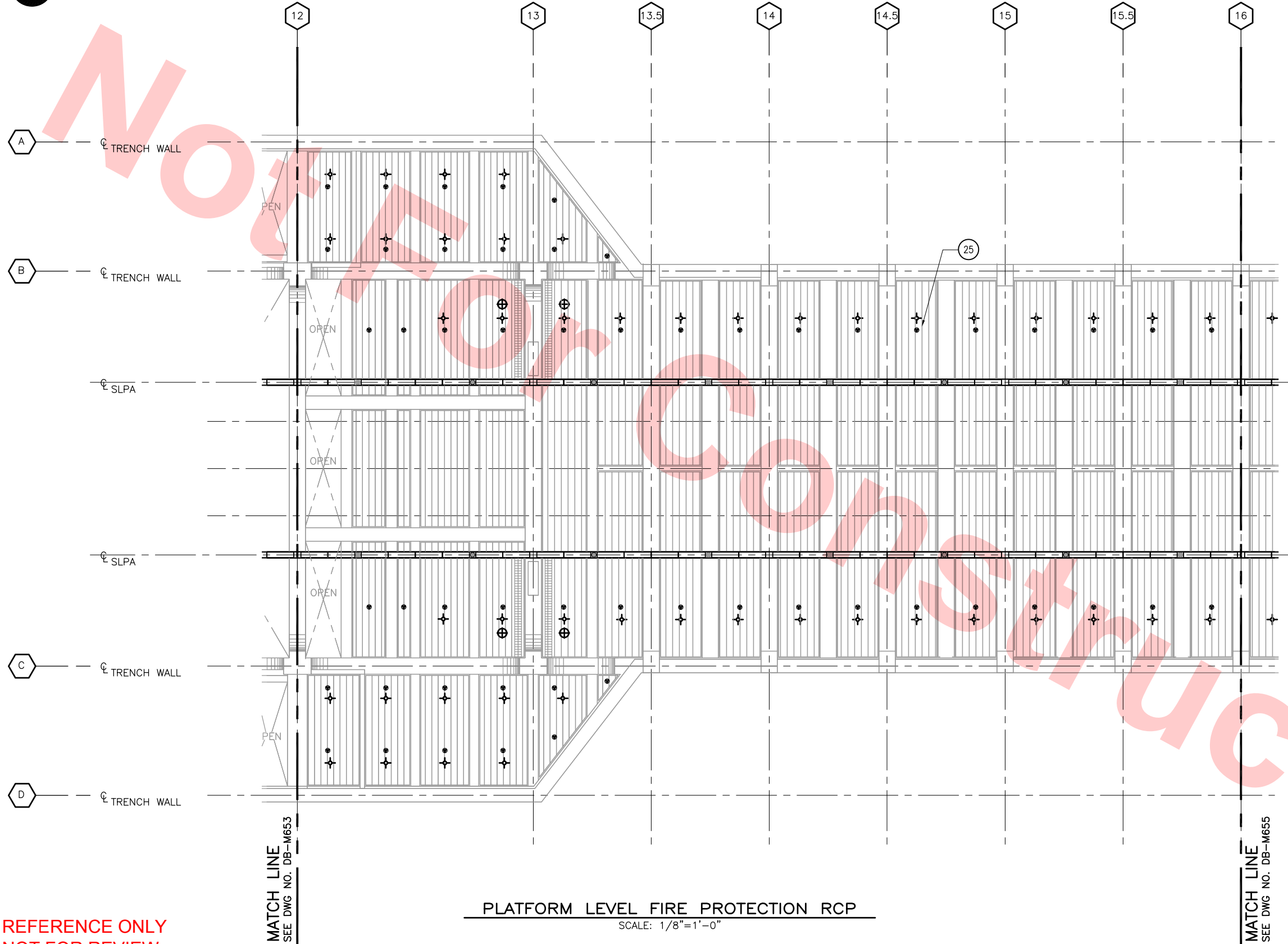
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN







PLATFORM LEVEL FIRE PROTECTION RCP

SCALE: 1/8"=1'-0"

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AND NOT FOR REVIEW

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DRAWN BY J. CANRIGHT					
CHECKED BY A. VEGAS					
IN CHARGE K. MALONE					
DATE					
REV	DATE	BY	SUB	APP	DESCRIPTION
	20130111				DEFINITIVE DESIGN



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Shimmick
Herzog

1436 California Circle
Milpitas, California 95035
A Joint Venture



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BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

PLATFORM LEVEL
FIRE PROTECTION RCP
SHEET 4 OF 6

KEY NOTES

(25) CONCEALED PENDENT SPRINKLER

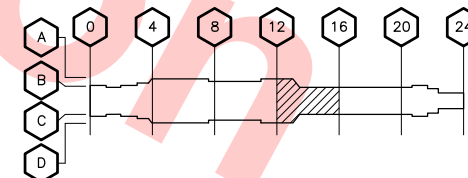
SYMBOLS AND LEGEND

• NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



GRAPHIC SCALE

KEY PLAN



CADD FILENAME C700-S-DB-M654.dwg			
SIZE D	SCALE 1/8" = 1'-0"	CONTRACT NO. C700	REV. 0
AREA CODE DB	SHEET NO. M654	PAGE NO.	



						DESIGNED BY K. MALONE
						DRAWN BY J. CANRIGHT
						CHECKED BY A. VEGAS
	20130111				DEFINITIVE DESIGN	IN CHARGE K. MALONE
REV	DATE	BY	SUB	APP	DESCRIPTION	DATE



NOT FOR
CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

PLATFORM LEVEL
FIRE PROTECTION RCP
SHEET 5 OF 6

CADD FILENAME C700-S-DB-M655.dwg		
SIZE D	SCALE 1/8" = 1'-0"	
CONTRACT NO. C700		REV. 0
AREA CODE DB	SHEET NO. M655	PAGE NO.

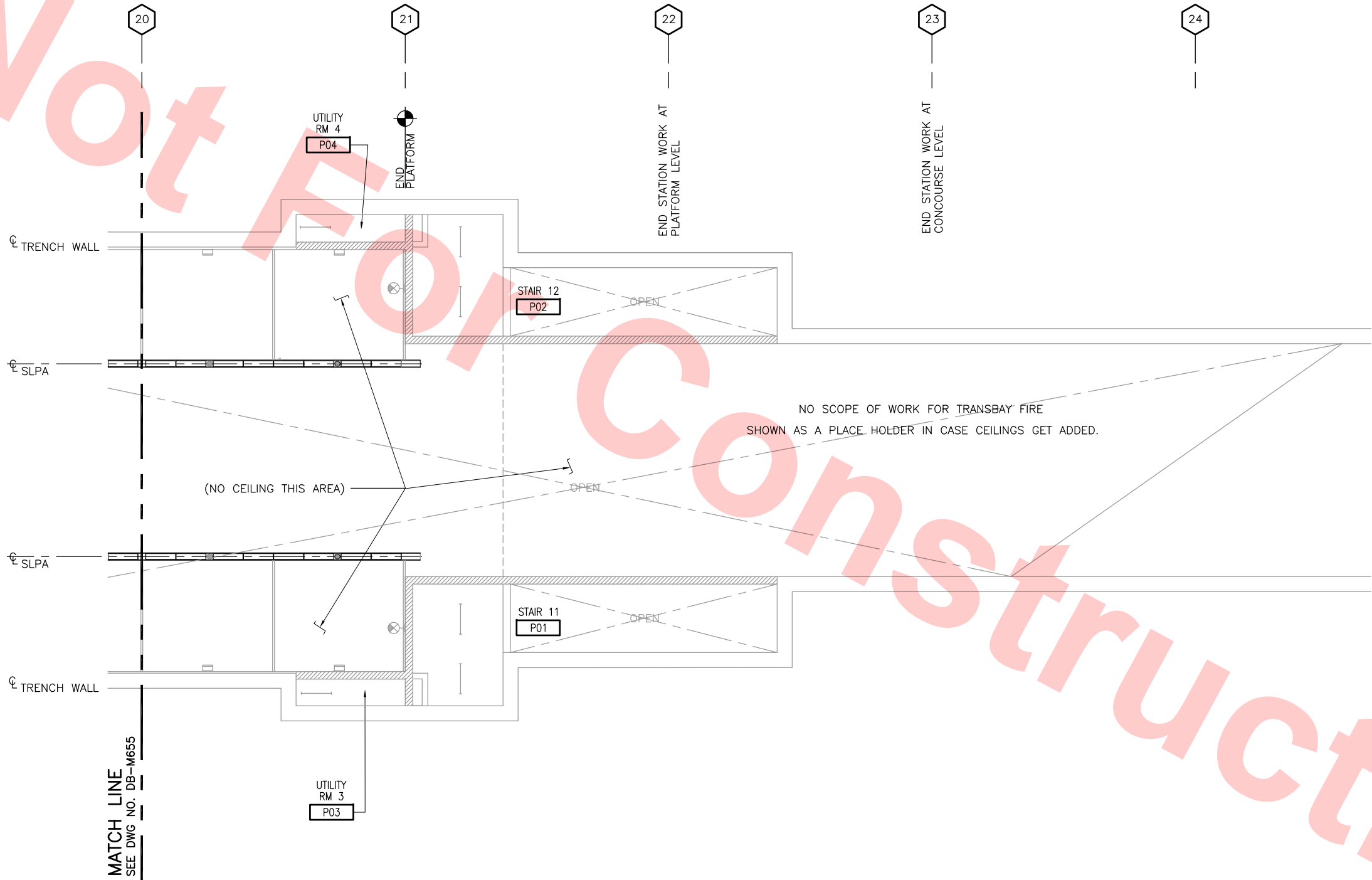
25 CONCEALED PENDENT SPRINKLER

NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER

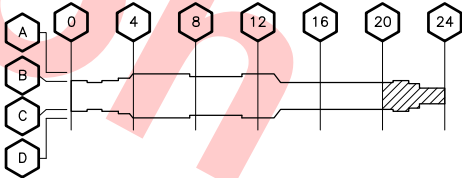




KEY NOTES



KEY PLAN



PLATFORM LEVEL FIRE PROTECTION RCP

SCALE: 1/8"=1'-0"

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DRAWN BY J. CANRIGHT					
CHECKED BY A. VEGAS					
IN CHARGE K. MALONE					
DATE	20130111	BY	SUB	APP	DESCRIPTION



Skanska Shimmick Herzog	1436 California Circle Milpitas, California 95035 A Joint Venture
TRANSBAY FIRE PROTECTION, INC. License No. 62978	
APPROVED	SUBMITTED

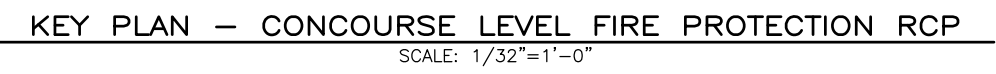
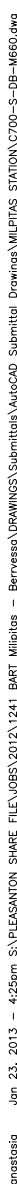
NOT FOR
CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

PLATFORM LEVEL
FIRE PROTECTION RCP
SHEET 6 OF 6

CADD FILENAME C700-S-DB-M656.dwg		
SIZE D	SCALE 1/8" = 1'-0"	
CONTRACT NO. C700		REV. 0
AREA CODE DB	SHEET NO. M656	PAGE NO.



GRAPHIC SCALE

Jan 23, 2013

20130111

DEFINITIVE DESIGN

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY
K. MALONE

DRAWN BY
J. CANRIGHT

CHECKED BY
A. VEGAS

IN CHARGE
K. MALONE

DATE

REGISTERED PROFESSIONAL ENGINEER
R. CHARLES HERZOG
No. FP1364
Exp. 09/30/13
FIRE PROTECTION
STATE OF CALIFORNIA

Skanska
Shimmick
Herzog

1436 California Circle
Milpitas, California 95035
A Joint Venture

TRANSBAY FIRE PROTECTION, INC.
License No. 62978

APPROVED

DATE

SUBMITTED

NOT FOR CONSTRUCTION

VTA

BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
KEY PLAN
CONCOURSE LEVEL
FIRE PROTECTION

CADD FILENAME
C700-S-DB-M660.dwg

SIZE D SCALE 1/32"=1'-0"

CONTRACT NO. C700 REV.

AREA CODE DB SHEET NO. A660 PAGE NO.



KEY NOTES

26 SEMI RECESSED PENDENT SPRINKLER

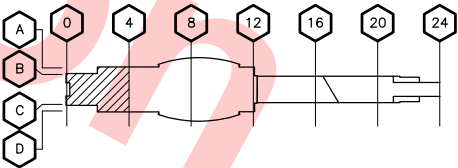
SYMBOLS AND LEGEND

NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER



GRAPHIC SCALE

KEY PLAN



CONCOURSE LEVEL FIRE PROTECTION RCP

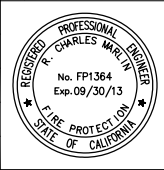
SCALE: 1/8"=1'-0"

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AND NOT FOR REVIEW

Jan 23, 2013 - 4:29pm S:\PLEASANTON SHARE FILE\OBS\2012\1241 BART Milpitas - Berryessa\DRAWINGS\Submittals\AutoCAD Submittal Drawings\MILPITAS STATION\C700-S-DB-M661.dwg

REV	DATE	BY	SUB	APP	DESCRIPTION
20130111					DEFINITIVE DESIGN

DESIGNED BY
K. MALONE
DRAWN BY
J. CANRIGHT
CHECKED BY
A. VEGAS
IN CHARGE
K. MALONE
DATE



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Shimmick
Herzog
TRANSBAY FIRE PROTECTION, INC.
1436 California Circle
Milpitas, California 95035
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CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL
FIRE PROTECTION RCP
SHEET 1 OF 6

CADD FILENAME C700-S-DB-M661.dwg	SIZE D	SCALE 1/8" = 1'-0"	CONTRACT NO. C700	REV. 0
AREA CODE DB	SHEET NO. M661	PAGE NO.		



KEY NOTES

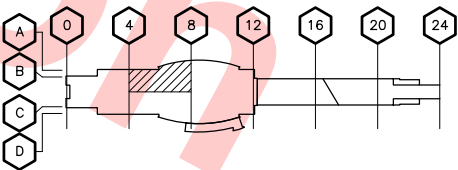
- 25 CONCEALED PENDENT SPRINKLER
- 26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN



CONCOURSE LEVEL FIRE PROTECTION RCP
SCALE: 1/8"=1'-0"

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DRAWN BY J.CANRIGHT		SUB	
CHECKED BY A.VEGAS		APP	
IN CHARGE K.MALONE			
DATE			



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Milpitas, California 95035
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TRANSBAY FIRE PROTECTION, INC.
License No. 62978

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SUBMITTED _____

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CONSTRUCTION

VTA SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL
FIRE PROTECTION RCP

SHEET 2 OF 6

CADD FILENAME C700-S-DB-M662.dwg	REV. 0
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CONTRACT NO. C700	PAGE NO.
AREA CODE DB	M662

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KEY NOTES

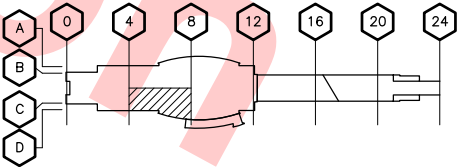
- 25 CONCEALED PENDENT SPRINKLER
- 26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN



CONCOURSE LEVEL FIRE PROTECTION RCP
SCALE: 1/8"=1'-0"

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						CHECKED BY A. VEGAS
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REV	DATE	BY	SUB	APP	DESCRIPTION	DATE



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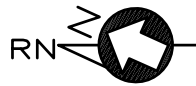
NOT FOR
CONSTRUCTION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION RCP

SHEET 3 OF 6

CADD FILENAME C700-S-DB-M663.dwg	SCALE 1/8" = 1'-0"	REV. 0
CONTRACT NO. C700		
AREA CODE DB	SHEET NO. M663	PAGE NO.



KEY NOTES

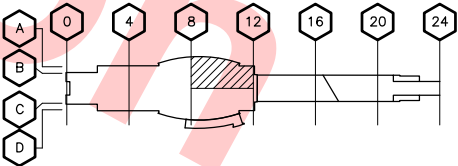
- 25 CONCEALED PENDENT SPRINKLER
- 26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE SEMI RECESSED SPRINKLER
- NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN



CONCOURSE LEVEL FIRE PROTECTION RCP
SCALE: 1/8"=1'-0"

FOR REFERENCE ONLY
AND NOT FOR REVIEW

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REV	DATE	BY	SUB	APP	DESCRIPTION



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VTA SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION RCP

SHEET 4 OF 6

CADD FILENAME C700-S-DB-M664.dwg	REV. 0
SIZE D SCALE 1/8" = 1'-0"	
CONTRACT NO. C700	
AREA CODE DB SHEET NO. M664	
PAGE NO.	



KEY NOTES

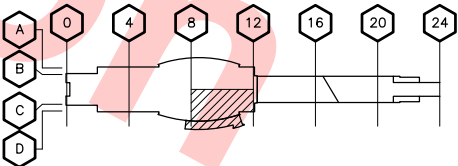
25 CONCEALED PENDENT SPRINKLER

SYMBOLS AND LEGEND

NEW PENDENT 1/2" 155° WHITE CONCEALED SPRINKLER



KEY PLAN



MATCH LINE
SEE DWG NO. DB-M664

FREE AREA
C02

PAID AREA
C03

C TRENCH WALL BELOW

D TRENCH WALL BELOW

E

REMOVABLE FOR
ACCESS TO ROLL
DOWN GRILLES
WHERE REQUIRED

MATCH LINE
SEE DWG NO. DB-M663

CONCOURSE LEVEL FIRE PROTECTION RCP
SCALE: 1/8"=1'-0"

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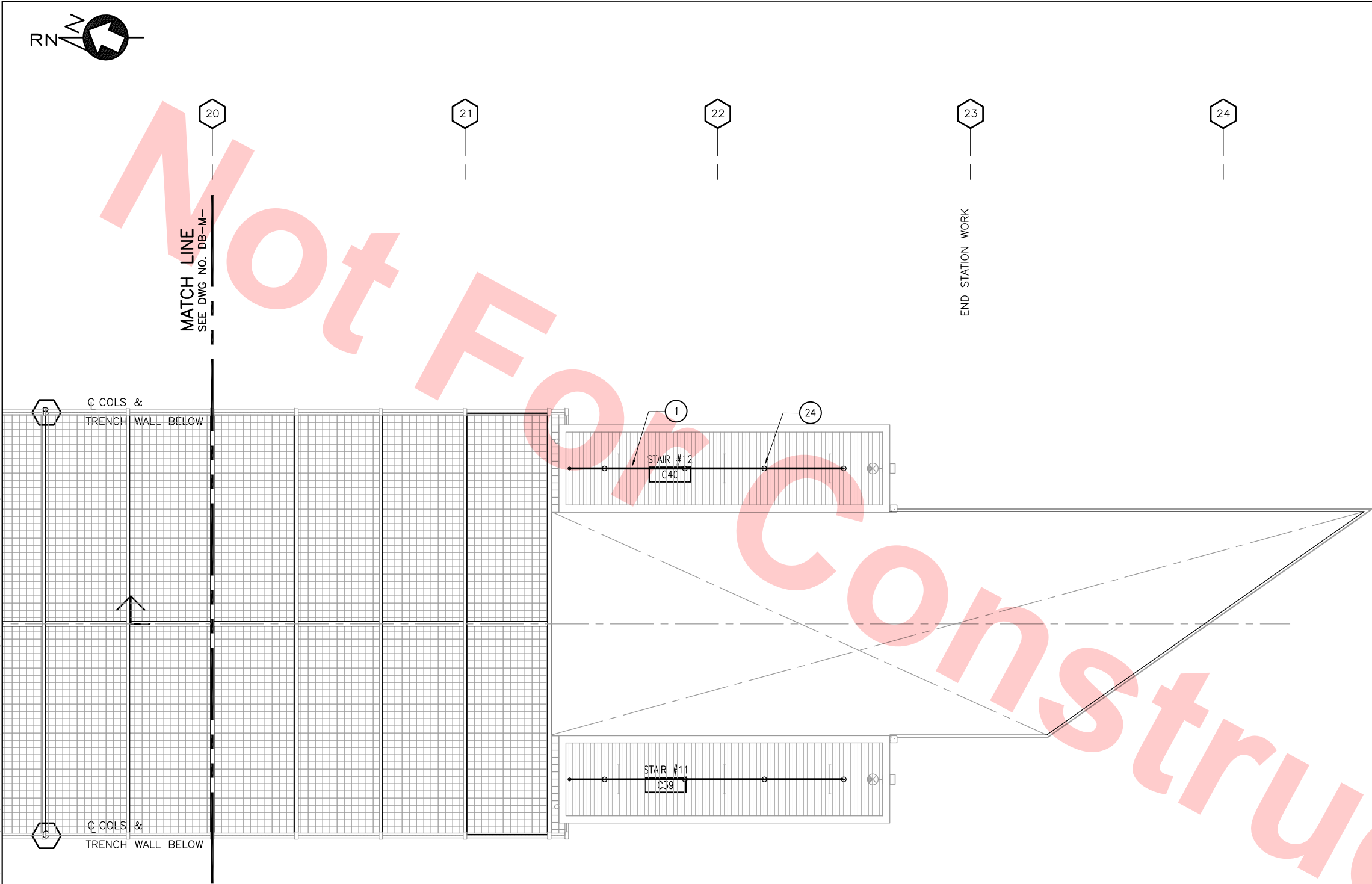


LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION RCP

SHEET 5 OF 6

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	PAGE NO.

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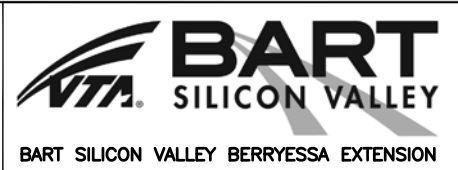
REV	DATE	BY	SUB	APP	DESCRIPTION
	20130111				DEFINITIVE DESIGN

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CHECKED BY A. VEGAS
IN CHARGE K. MALONE
DATE



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LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION CONCOURSE LEVEL PLAN FIRE PROTECTION RCP				CADD FILENAME C700-S-DB-M668.dwg
SIZE D		SCALE 1/8" = 1'-0"		REV. 0
CONTRACT NO.		C700		PAGE NO.
AREA CODE DB		SHEET NO. M668		

SHEET 6 OF 6

KEY NOTES

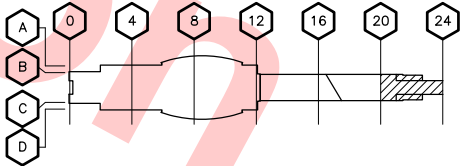
- 1 2" SP
- 24 UPRIGHT SPRINKLER

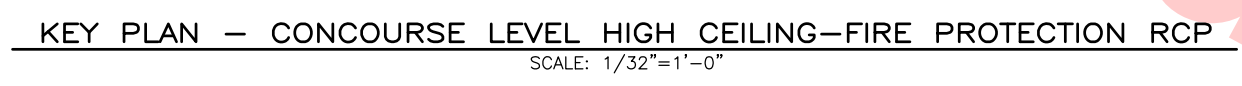
SYMBOLS AND LEGEND

- O NEW UPRIGHT 1/2" 200° BRASS SPRINKLER






KEY PLAN

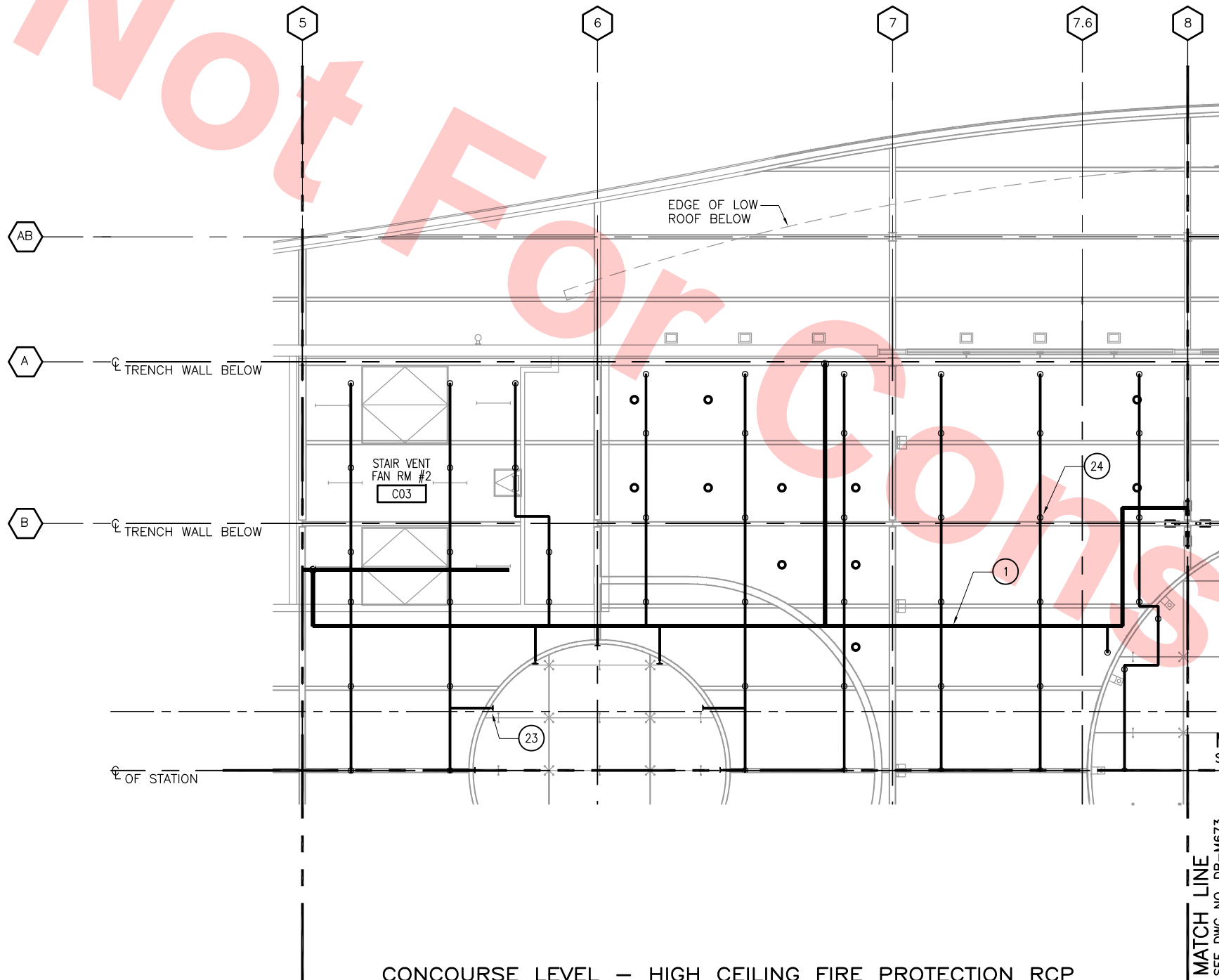




32' 0' 32' 64'

GRAPHIC SCALE

						DESIGNED BY K. MALONE		Skanska Shimmick Herzog 1436 California Circle Milpitas, California 95035 A Joint Venture	 TRANSBAY FIRE PROTECTION, INC. <small>License No. 62978</small>	NOT FOR CONSTRUCTION	 BART SILICON VALLEY BERRYESSA EXTENSION	LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION KEY PLAN CONCOURSE LEVEL — HIGH CEILING FIRE PROTECTION	CADD FILENAME C700-S-DB-M670.dwg		
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					CHECKED BY A. VEGAS										
					IN CHARGE K. MALONE										
	20130111					DEFINITIVE DESIGN							AREA CODE DB	SHEET NO. M670	PAGE NO.
REV	DATE	BY	SUB	APP		DESCRIPTION	DATE	APPROVED _____	SUBMITTED _____						



KEY NOTES

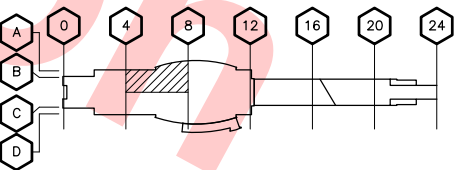
- 1 4" SP
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW HORIZONTAL SIDEWALL 1/2" 200° WHITE WITH WHITE SEMI RECESSED ESCUTCHEON



KEY PLAN



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BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION RCP

SHEET 1 OF 4

CADD FILENAME C700-S-DB-M671.dwg		
SIZE D	SCALE 1/8" = 1'-0"	
CONTRACT NO. C700	REV. 0	
AREA CODE DB	SHEET NO. M671	PAGE NO.

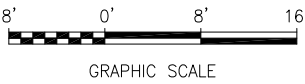


KEY NOTES

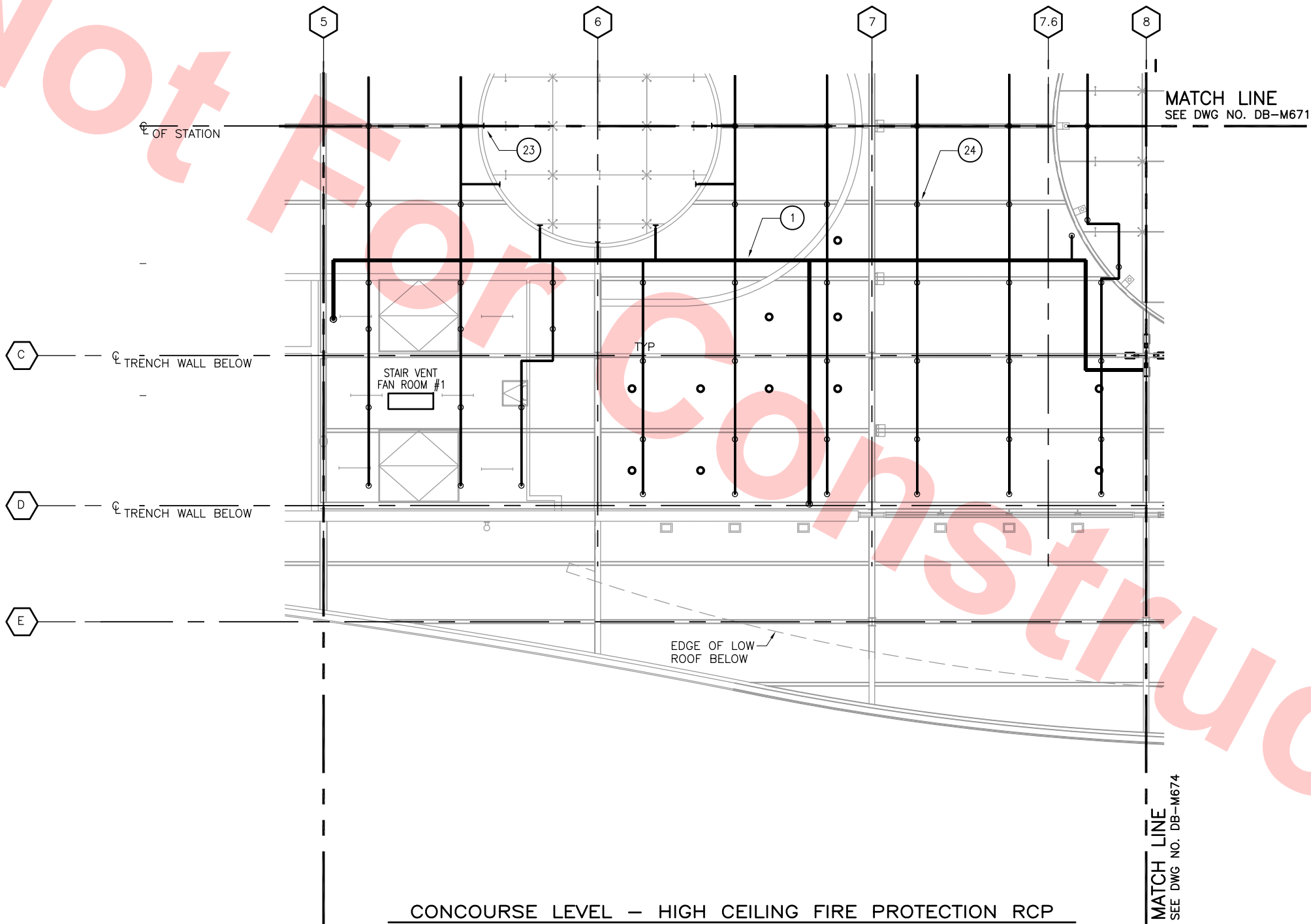
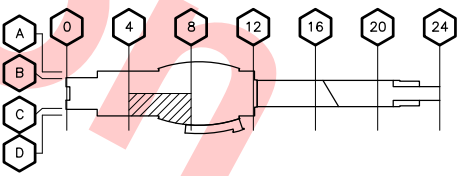
- 1 4" SP
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW HORIZONTAL SIDEWALL 1/2" 200° WHITE WITH WHITE SEMI RECESSED ESCUTCHEON



KEY PLAN



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IN CHARGE K. MALONE
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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION RCP

SHEET 2 OF 4

CADD FILENAME C700-S-DB-M672.dwg		
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AREA CODE DB	SHEET NO. M672	PAGE NO.



KEY NOTES

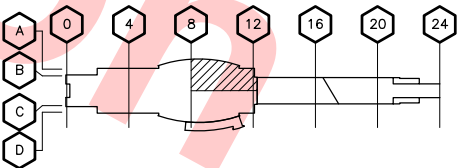
- 1 4" SP
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW HORIZONTAL SIDEWALL 1/2" 200° WHITE WITH WHITE SEMI RECESSED ESCUTCHEON



KEY PLAN



CONCOURSE LEVEL — HIGH CEILING FIRE PROTECTION RCP
SCALE: 1/8"=1'-0"

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IN CHARGE K. MALONE					
DATE	DATE	DATE	DATE	DATE	DESCRIPTION



APPROVED	SUBMITTED	NOT FOR CONSTRUCTION	BART SILICON VALLEY BERRYESSA EXTENSION



LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
CONCOURSE LEVEL PLAN
FIRE PROTECTION RCP

SHEET 3 OF 4

CADD FILENAME C700-S-DB-M673.dwg	REV. 0
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CONTRACT NO. C700	PAGE NO. 0
AREA CODE SHEET NO. DB M673	

Jan 24, 2013 - 1046am S:\PLEASANTON SHARE FILE\JOBS\2012\1241 BART Milpitas - Berryessa DRAWINGS\Submittals\AutoCAD Submittal Drawings\MILPITAS STATION\C700-S-DB-M673.dwg



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Letter No. 62977

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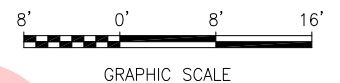
SHEET 4 OF 4

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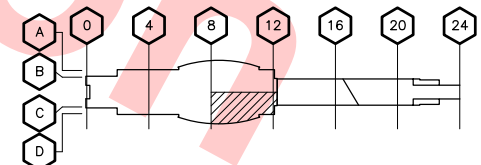
- 1 4" SP
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT ½" 200° BRASS SPRINKLER
- ▶ NEW HORIZONTAL SIDEWALL ½" 200° WHITE
WITH WHITE SEMI RECESSED ESCUTCHEON

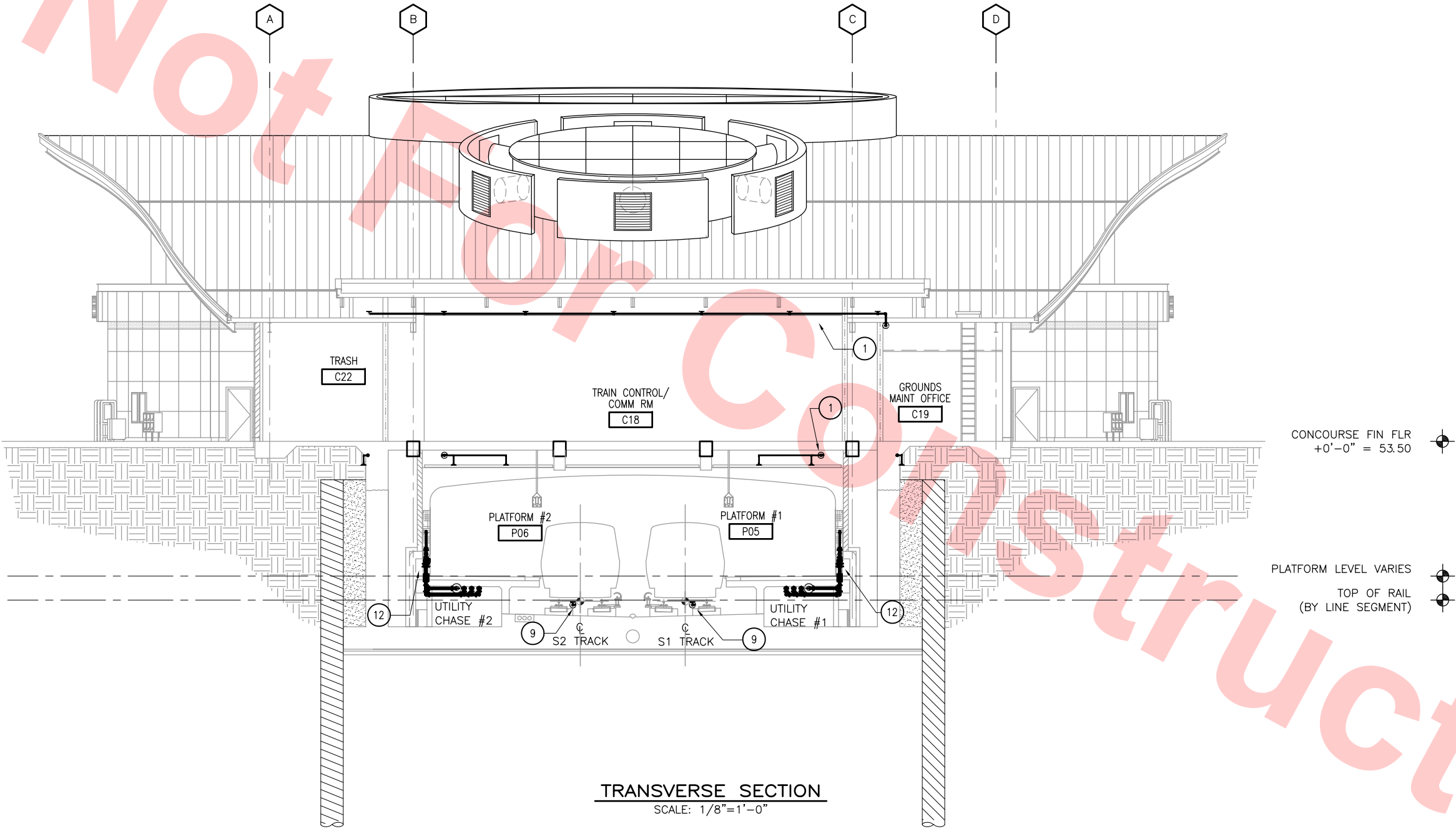


KEY PLAN



KEY NOTES

- 1 4" SP
- 9 4" UCDS
- 12 DVC



CONCOURSE FIN FLR
+0'-0" = 53.50

PLATFORM LEVEL VARIES
TOP OF RAIL
(BY LINE SEGMENT)

TRANSVERSE SECTION
SCALE: 1/8"=1'-0"

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REV	DATE	BY	SUB	APP	DESCRIPTION
20130111					DEFINITIVE DESIGN

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K.MALONE
DRAWN BY
J.CANRIGHT
CHECKED BY
A.VEGAS
IN CHARGE
K.MALONE
DATE



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Herzog
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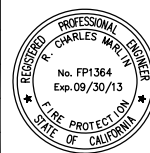
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
TRANSVERSE SECTION
FIRE PROTECTION
SHEET 1 OF 3

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AREA CODE DB	SHEET NO. M681	PAGE NO.		

② 6" WSP
⑨ 4" UCDS



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						DATE



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BART SILICON VALLEY BERRYESSA EXTENSION

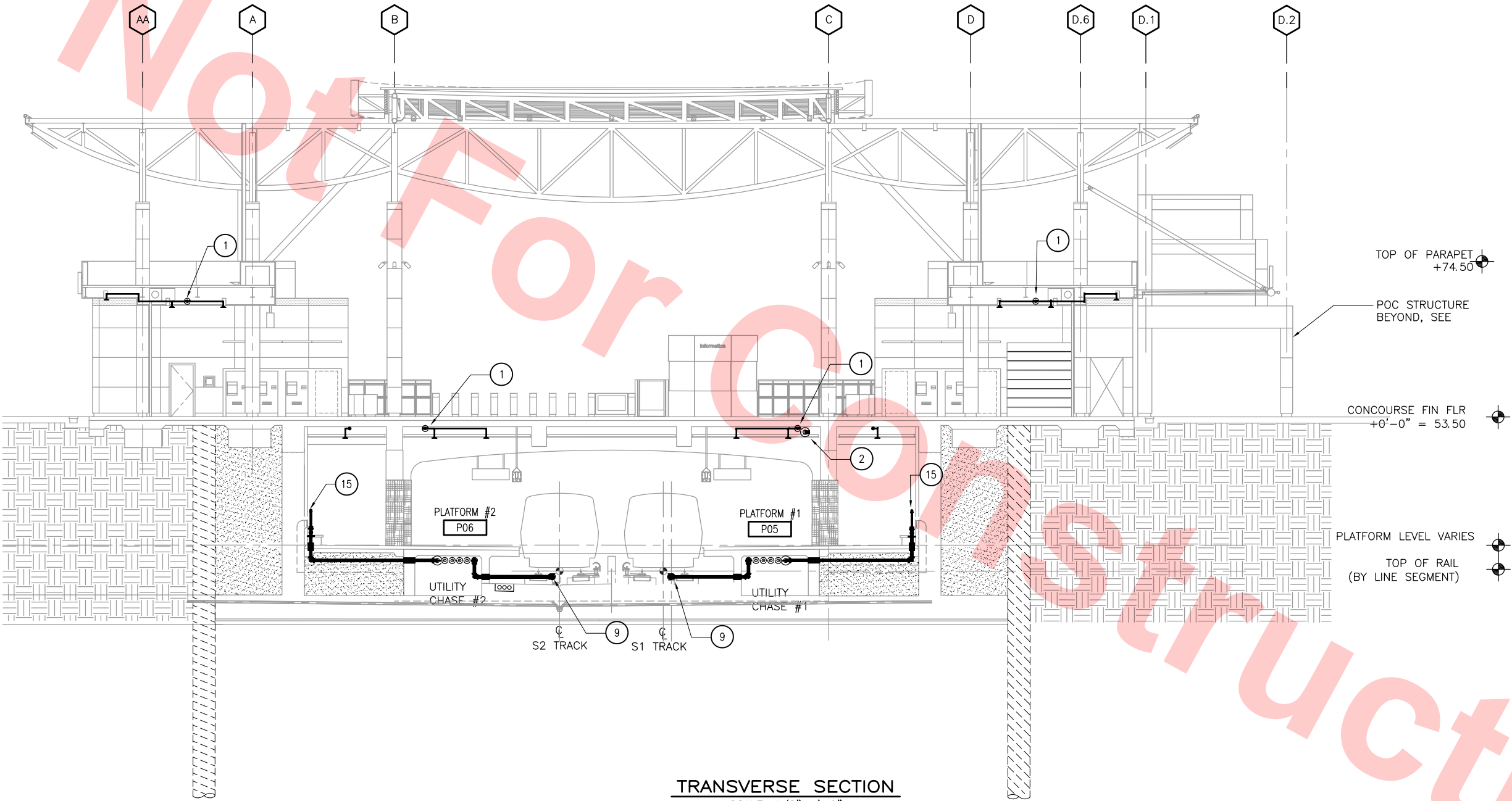
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

TRANSVERSE SECTION
FIRE PROTECTION
SHEET 2 OF 3

CADD FILENAME C700-S-DB-M683.dwg		
SHEET NO. D	SCALE 1/8" = 1' - 0"	
CONTRACT NO. C700		REV.
AREA CODE DB	SHEET NO. M683	PAGE NO.

KEY NOTES

- 1 4" SP
- 2 6" WSP
- 9 4" UCDS
- 15 FHC



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IN CHARGE K.MALONE					
DATE					
20130111	DEFINITIVE DESIGN				
REV	DATE	BY	SUB	APP	DESCRIPTION



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BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION			
TRANSVERSE SECTION FIRE PROTECTION SHEET 3 OF 3			
CADD FILENAME C700-S-DB-M684.dwg	SIZE D	SCALE 1/8"=1'-0"	REV.
CONTRACT NO. C700	AREA CODE DB	SHEET NO. M684	PAGE NO.



BUS TRANSIT CENTER

ANCILLARY BUILDING

CONCESSIONS

MILPITAS STATION

CAPITOL AVENUE

P1

P2

P3

P4

(E) MONTAGUE LRT STATION ABOVE

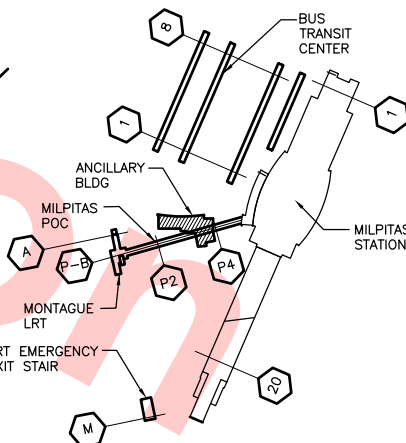
MILPITAS BOULEVARD EXTENSION



GRAPHIC SCALE

ANCILLARY BUILDING — SITE PLAN — FIRE PROTECTION
SCALE: 1/16"=1'-0"

KEY PLAN



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IN CHARGE K.MALONE					
DATE					
20130111					
DEFINITIVE DESIGN					
DESCRIPTION					
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BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

ANCILLARY BUILDING
SITE PLAN
FIRE PROTECTION

CADD FILENAME C700-S-DB-M810.dwg	
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AREA CODE DB	SHEET NO. M810
PAGE NO.	



KEY NOTES

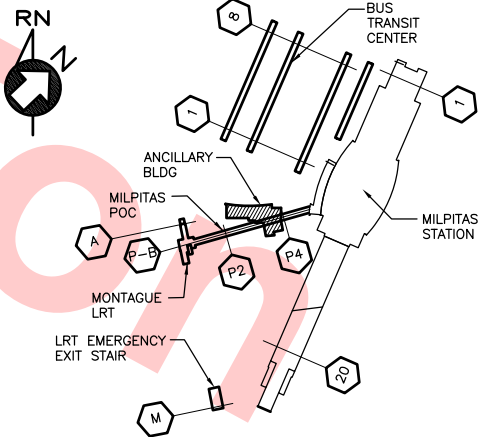
- 1 4" SP
- 4 4" ASR
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER
- 26 SEMI-RECESSED PENDANT SPRINKLER

SYMBOLS AND LEGEND

- NEW UPRIGHT 1/2" 200° BRASS SPRINKLER
- NEW PENDENT 1/2" 155° WHITE SPRINKLER WITH WHITE SEMI RECESSED ESCUTCHEON
- ▶ NEW HORIZONTAL SIDEWALL 1/2" 200° WHITE WITH WHITE SEMI RECESSED ESCUTCHEON



KEY PLAN



FIRST FLOOR PLAN FIRE PROTECTION PIPING
SCALE: 1/8"=1'-0"

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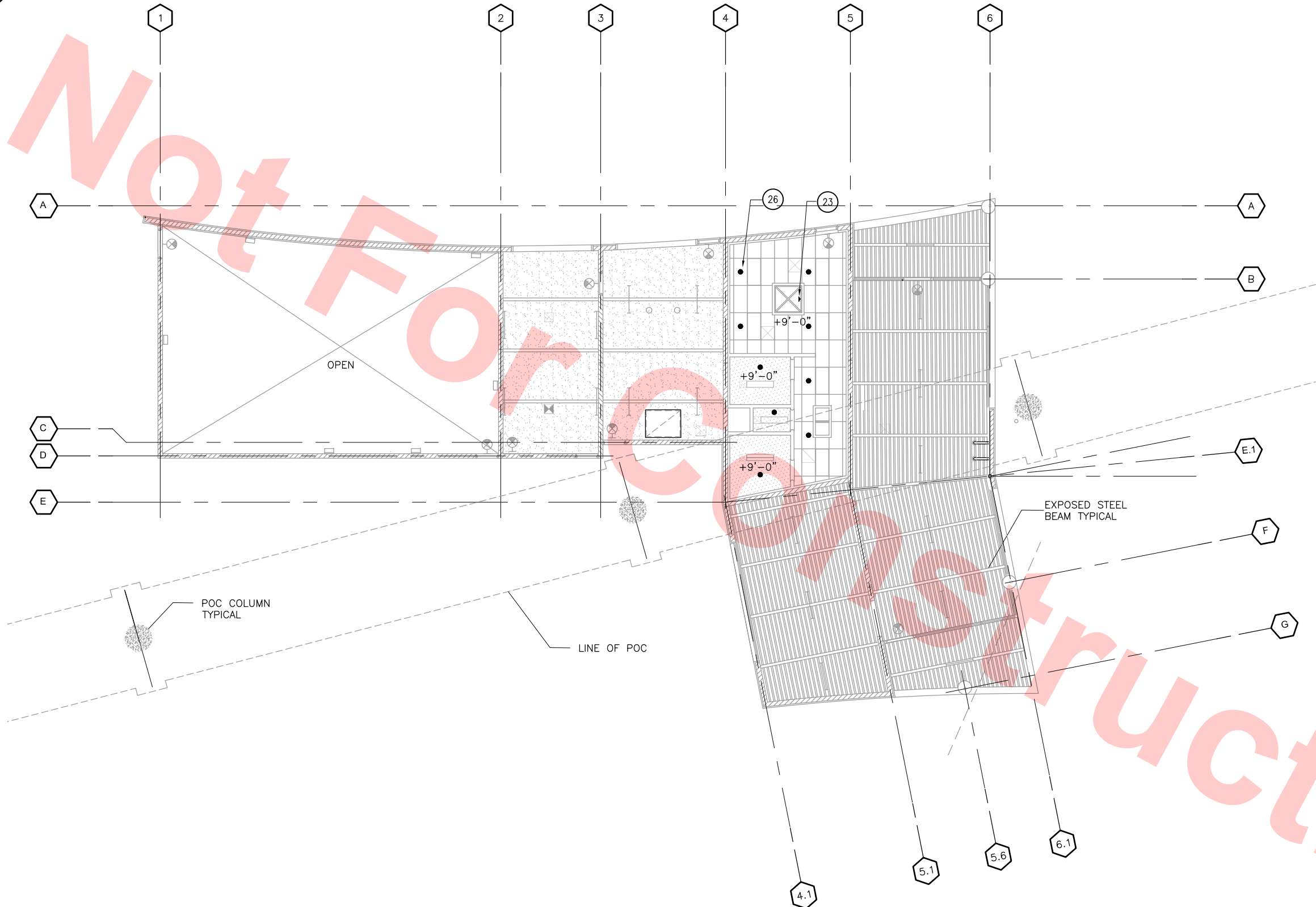


LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

ANCILLARY BUILDING
FIRST FLOOR PLAN
FIRE PROTECTION PIPING

CADD FILENAME C700-S-DB-M811.dwg	SIZE D	SCALE 1/8"=1'-0"	CONTRACT NO. C700	REV.
AREA CODE DB	SHEET NO. M811	PAGE NO.		

Jan 23, 2013 12:59pm S:\FILES\ANTON SHARE FILE\JOBS\2012\1241 BART Milpitas - Berryessa\DRAWINGS\Submittals\AutoCAD Submittal Drawings\ANCILLARY BUILDING\700-S-DB-M813.dwg
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FIRST FLOOR FIRE PROTECTION RCP
SCALE: 1/8"=1'-0"

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IN CHARGE K.MALONE
DATE

REV	DATE	BY	SUB	APP	DESCRIPTION
	20130111				DEFINITIVE DESIGN



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LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

ANCILLARY BUILDING
FIRST FLOOR
FIRE PROTECTION RCP

CADD FILENAME C700-S-DB-M813.dwg			
SIZE D	SCALE 1/8"=1'-0"	REV.	
CONTRACT NO. C700		PAGE NO.	
AREA CODE DB	SHEET NO. M813		

KEY NOTES

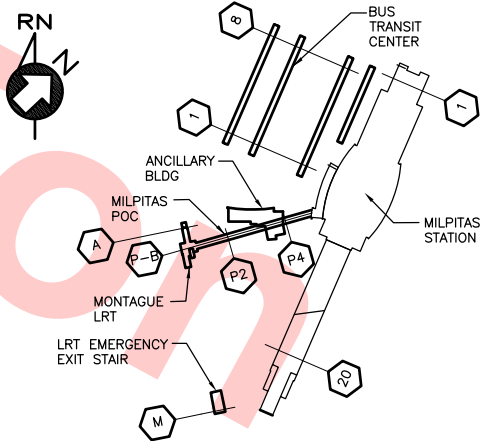
- 23 HORIZONTAL SIDEWALL SPRINKLER
26 SEMI RECESSED PENDENT SPRINKLER

SYMBOLS AND LEGEND

- NEW PENDENT 1/2" 155° WHITE SPRINKLER WITH WHITE SEMI RECESSED ESCUTCHEON
- NEW HORIZONTAL SIDEWALL 1/2" 200° WHITE WITH WHITE SEMI RECESSED ESCUTCHEON

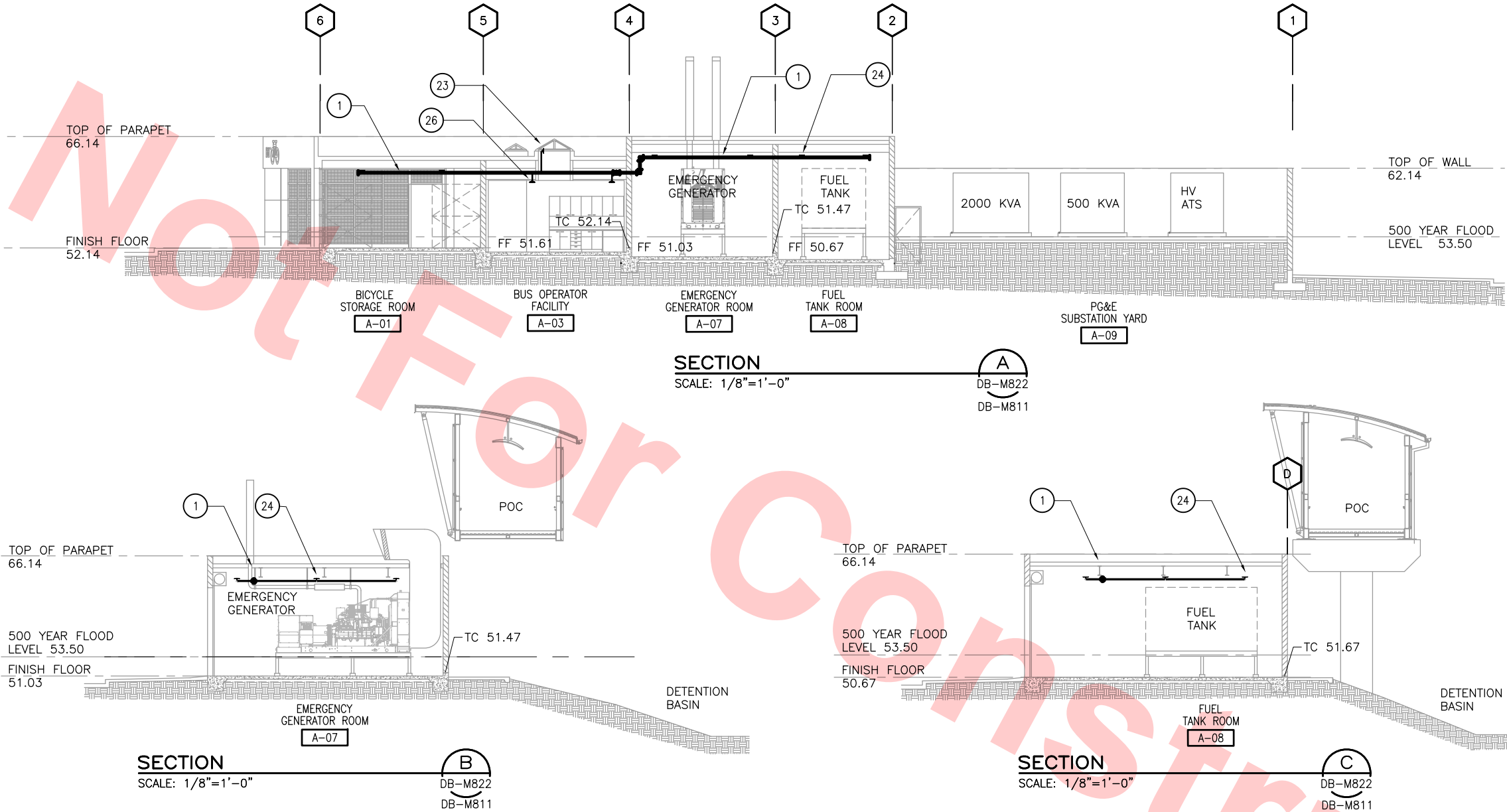


KEY PLAN



KEY NOTES

- 1 4" SP
- 23 HORIZONTAL SIDEWALL SPRINKLER
- 24 UPRIGHT SPRINKLER
- 26 SEMI-RECESSED PENDENT SPRINKLER



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AND NOT FOR REVIEW

DESIGNED BY K.MALONE	
DRAWN BY J.CANRIGHT	
CHECKED BY A.VEGAS	
IN CHARGE K.MALONE	
DATE	

REV	DATE	BY	SUB	APP	DESCRIPTION
	20130111				DEFINITIVE DESIGN



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Shimmick
Herzog

1436 California Circle
Milpitas, California 95035
A Joint Venture

TRANSBAY FIRE PROTECTION, INC.

License No. 62978

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SUBMITTED

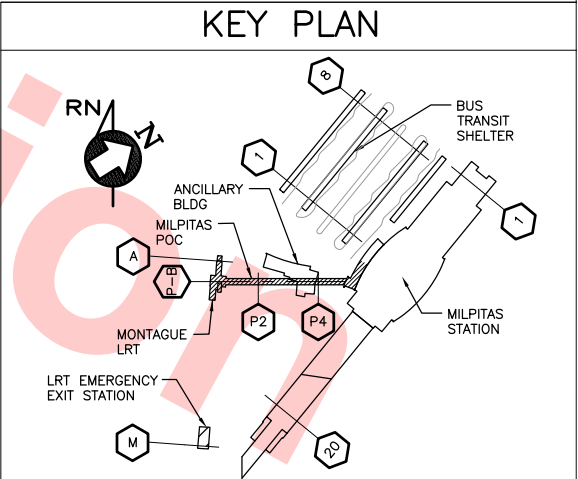
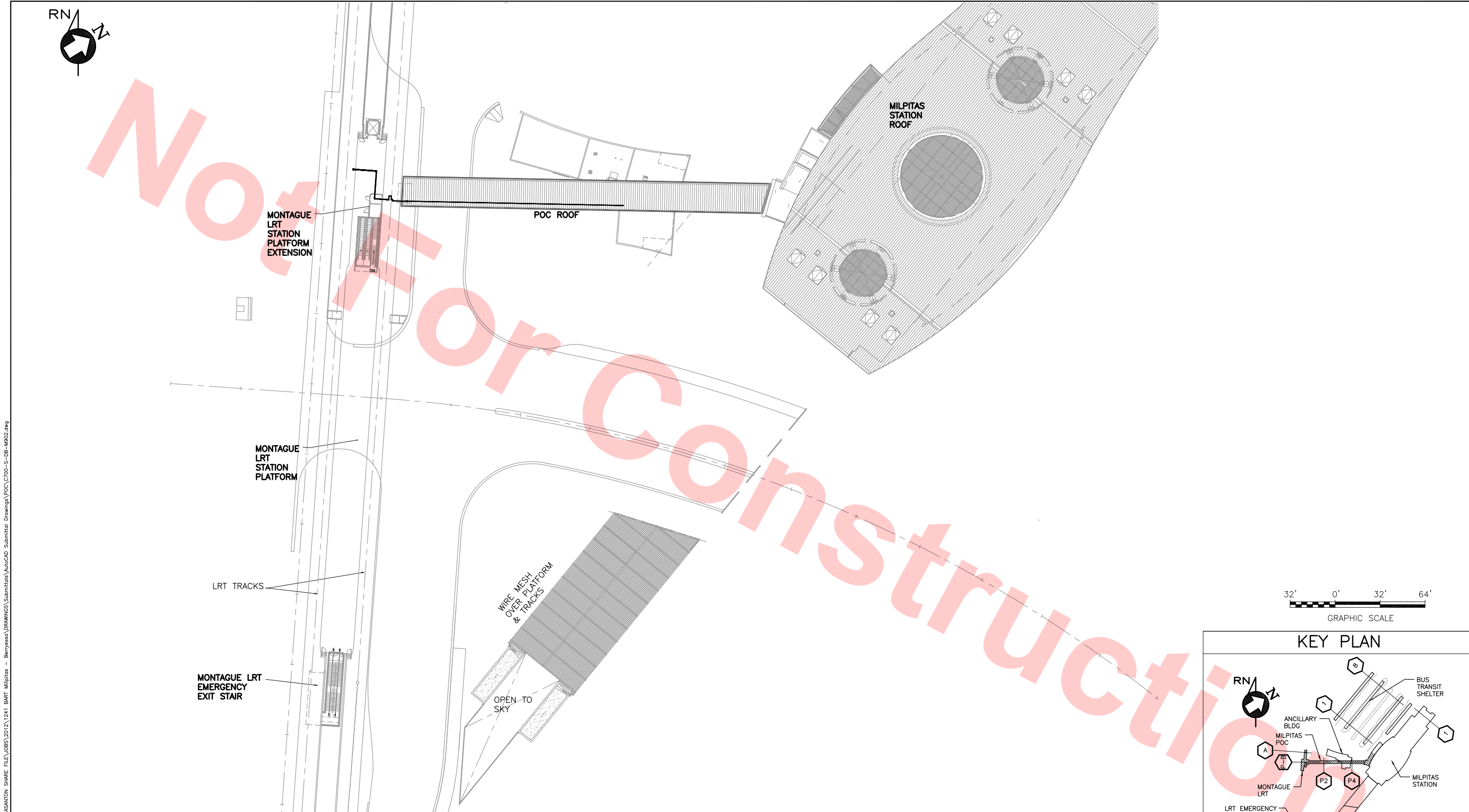
NOT FOR
CONSTRUCTION

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

ANCILLARY BUILDING
SECTIONS - FIRE PROTECTION

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SIZE D	SCALE 1/8"=1'-0"
CONTRACT NO. C700	REV.
AREA CODE DB	SHEET NO. M822
PAGE NO.	



LRT PLATFORM/POC ROOF LEVEL OVERALL PLAN – FIRE PROTECTION
SCALE: 1/16"=1'-0"

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	20130111			
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BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

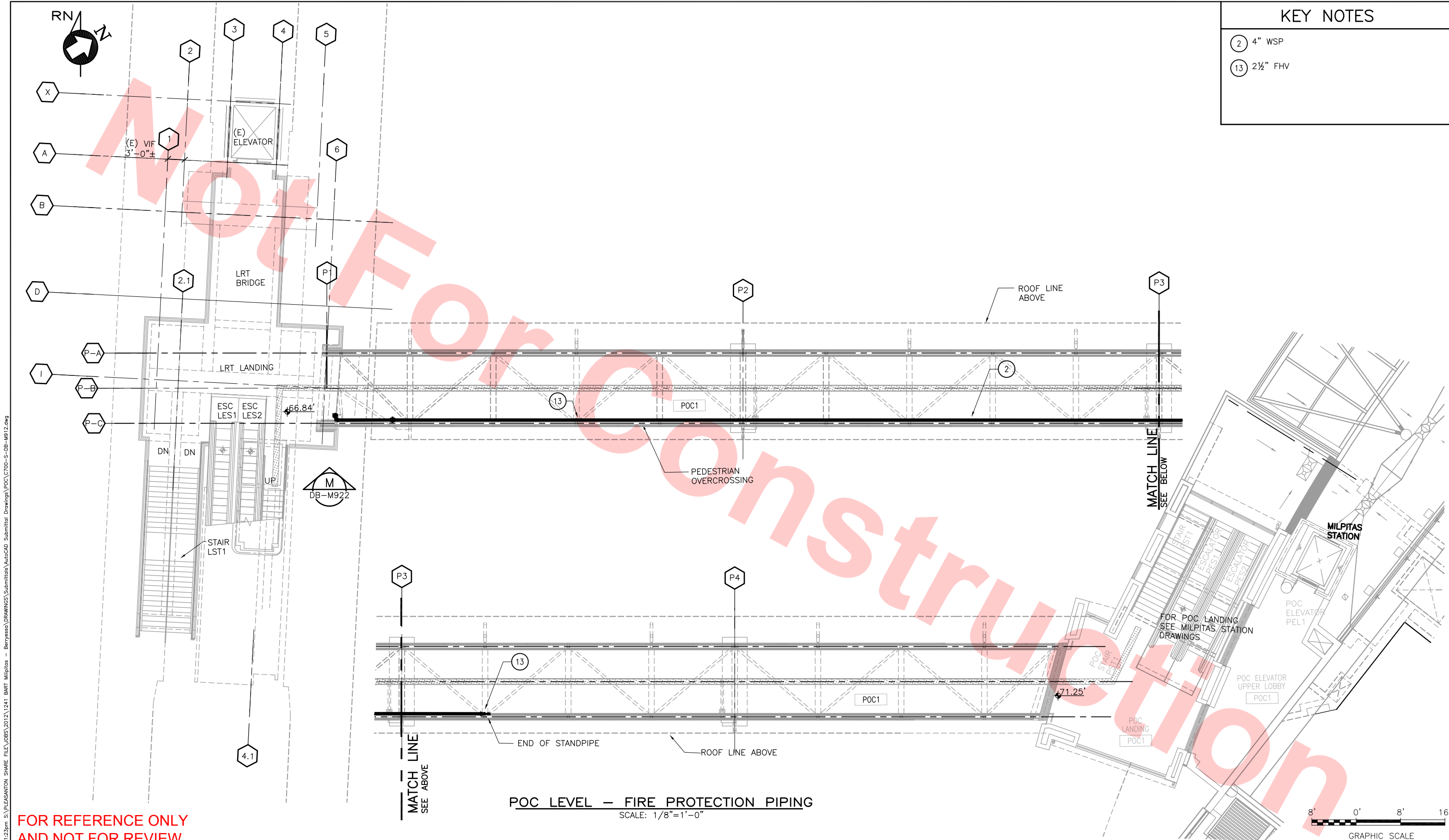
LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

MONTAGUE LRT AND MILPITAS POC
LRT PLATFORM/POC ROOF LEVEL OVERALL PLAN
FIRE PROTECTION

CADD FILENAME C700-S-DB-M902.dwg			
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CONTRACT NO. C700		REV.	
AREA CODE DB	SHEET NO. M902	PAGE NO.	

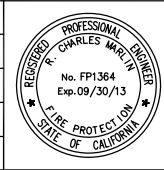
KEY NOTES

- 2 4" WSP
- 13 2½" FHV



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IN CHARGE K.MALONE					
DATE					
DEFINITIVE DESIGN					
REV	DATE	BY	SUB	APP	DESCRIPTION
20130111					



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BART
SILICON VALLEY

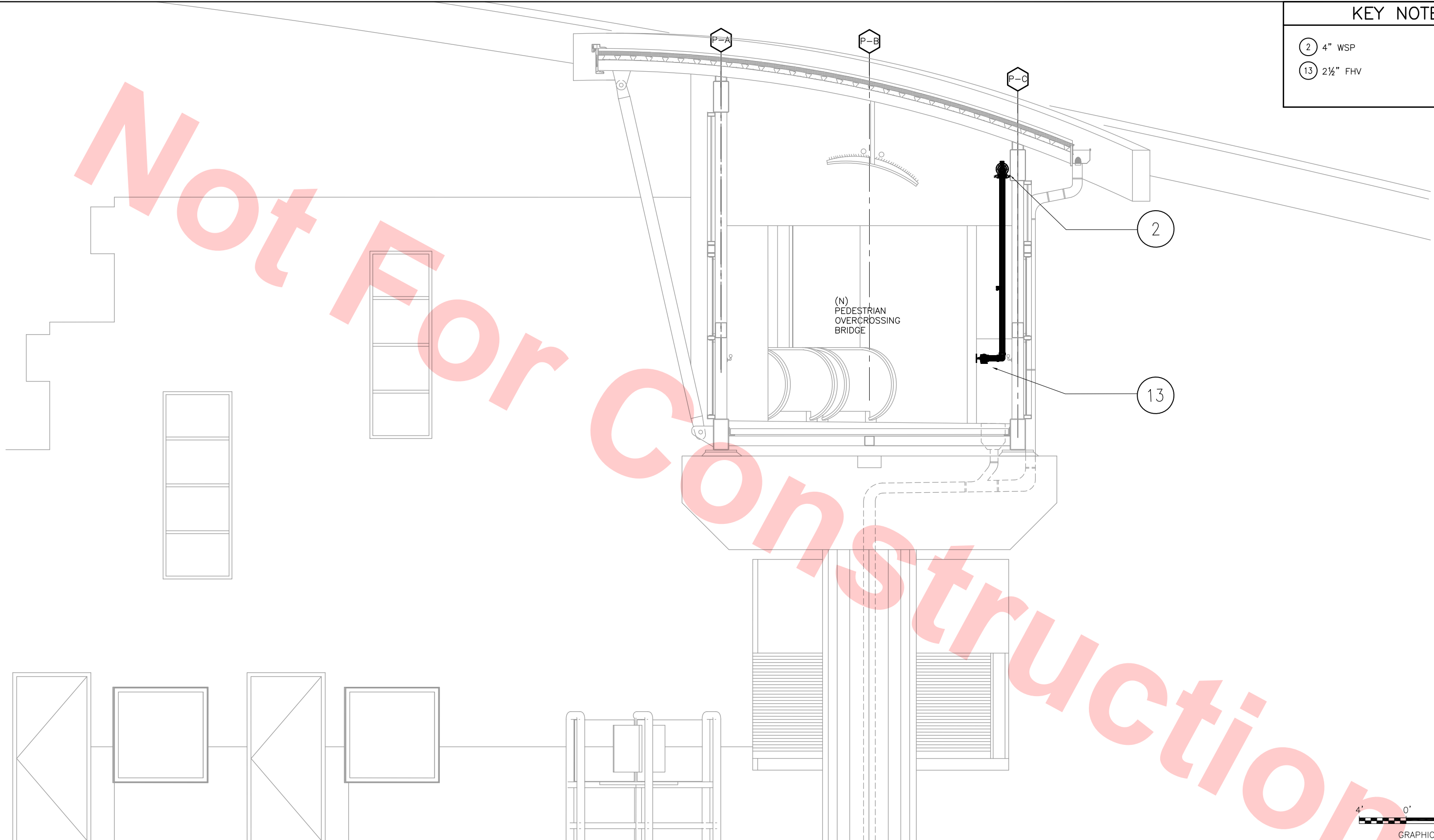
BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION
MONTAGUE LRT AND MILPITAS POC
POC LEVEL PLAN
FIRE PROTECTION PIPING
SHEET 2 OF 2

CADD FILENAME C700-S-DB-M912.dwg	SIZE D	SCALE 1/8"=1'-0"	CONTRACT NO. C700	REV.
AREA CODE DB	SHEET NO. M912	PAGE NO.		

KEY NOTES

- 2 4" WSP
- 13 2½" FHV



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POC SECTION – FIRE PROTECTION PIPING

SCALE: 1/2"=1'-0" DB-M912

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IN CHARGE K.MALONE
DATE

REV	DATE	BY	SUB	APP	DESCRIPTION
20130111					DEFINITIVE DESIGN



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BART
SILICON VALLEY

BART SILICON VALLEY BERRYESSA EXTENSION

LINE, TRACK, STATIONS AND SYSTEMS
MILPITAS STATION

MONTAGUE LRT AND MILPITAS POC
POC SECTION – FIRE PROTECTION PIPING
SHEET 1 OF 2

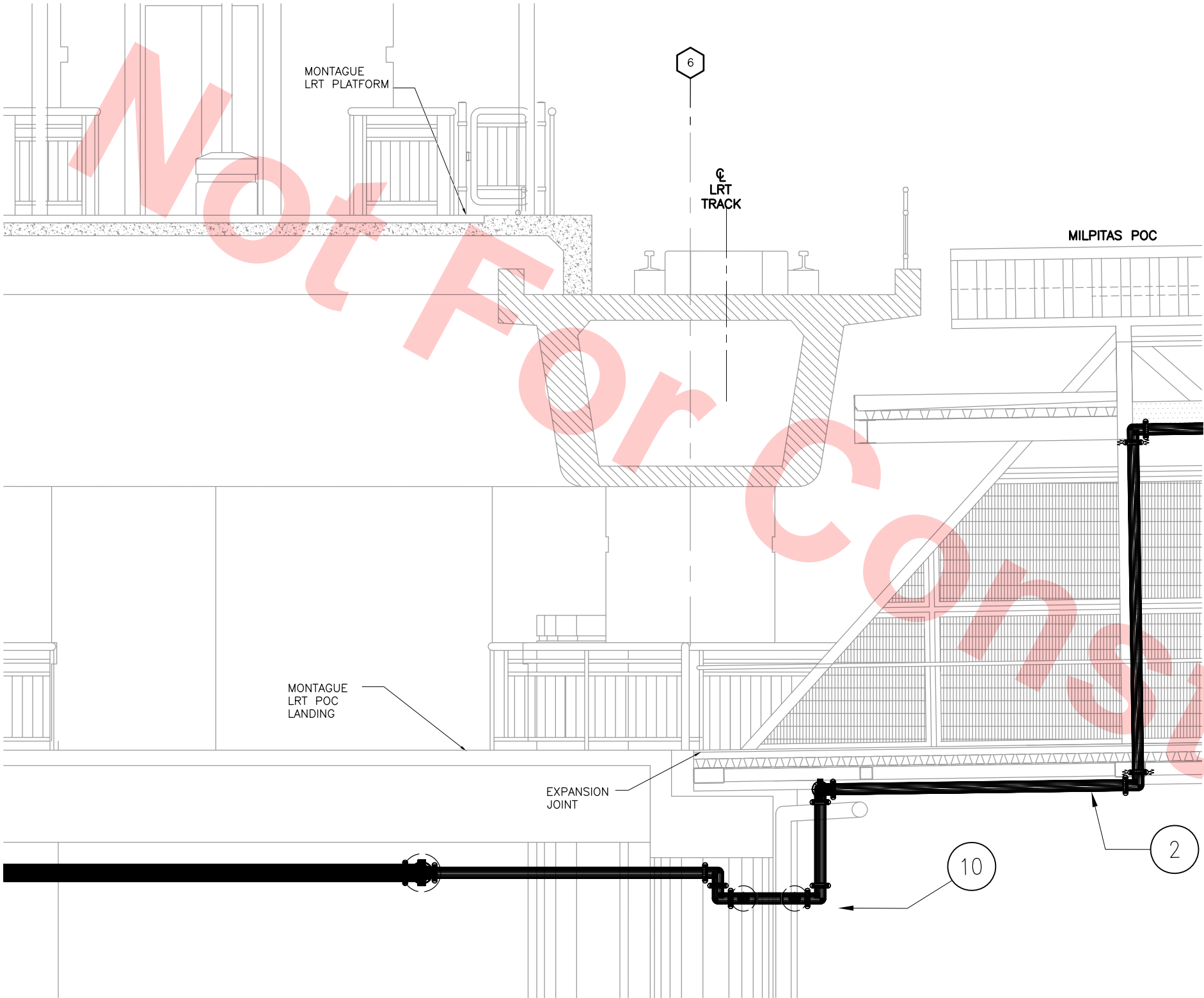
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SIZE D	SCALE 1/4"=1'-0"	
CONTRACT NO. C700		REV.
AREA CODE DB	SHEET NO. M920	PAGE NO.

Jan 23, 2013 - 1:24pm S:\PLEASANTON SHARE FILE\JOBS\2012\1241 BART Milpitas - Berryessa\DRAWINGS\Submittals\AutoCAD Submittal Drawings\POC\700-S-DB-M920.dwg

KEY NOTES

2 4" WSP

10 4" SL





LRT/POC SECTION FIRE PROTECTION PIPING

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

DB-M911
DB-M912

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Jan 23, 2017							DESIGNED BY K.MALONE		<div>Skanska Shimmick Herzog</div> <div>1436 California Circle Milpitas, California 95035 A Joint Venture</div>	<div>NOT FOR CONSTRUCTION</div>	 <div>BART SILICON VALLEY BERRYESSA EXTENSION</div>	LINE, TRACK, STATIONS AND SYSTEMS MILPITAS STATION MONTAGUE LRT AND MILPITAS POC POC SECTIONS FIRE PROTECTION PIPING SHEET 2 OF 2			CADD FILENAME C700-S-DB-M922.dwg	
					DRAWN BY J.CANRIGHT	SIZE D	SCALE 1/4"=1'-0"									
					CHECKED BY A.VEGAS	CONTRACT NO.	REV.									
					IN CHARGE K.MALONE	AREA CODE DB	SHEET NO. M922									
onastaga		20130111				DEFINITIVE DESIGN	DATE									
	REV	DATE	BY	SUB	APP	DESCRIPTION			APPROVED _____		SUBMITTED _____					