



MC CARTHY APPROVAL	
A. <i>Approved as noted for Architectural Review</i>	☐
B. <i>Revised and Resubmit</i>	☐
C. <i>Rejected</i>	☐
This review is for general conformance with Plans and Specifications only. Any deviations from same not clearly noted by the Preparer have not been reviewed. Review shall not constitute a complete check of detailed dimensions or course to serve to relieve the Preparer of contractual responsibility for any error or deviation from contract requirements. McCarthy By _____ Date _____ SHOP DRAWING REFERENCE NO. _____	

COSCO

Fire Protection

FIRE PROTECTION AND LIFE SAFETY SPECIALISTS
— COSCO —

LOS ANGELES COUNTY OFFICE
 321 East California Boulevard
 Orange, California 92667
 call (714) 974-7776 • fax (714) 974-3403

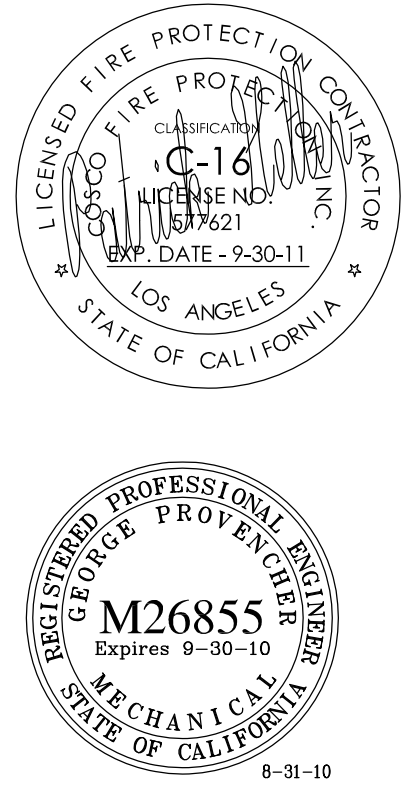
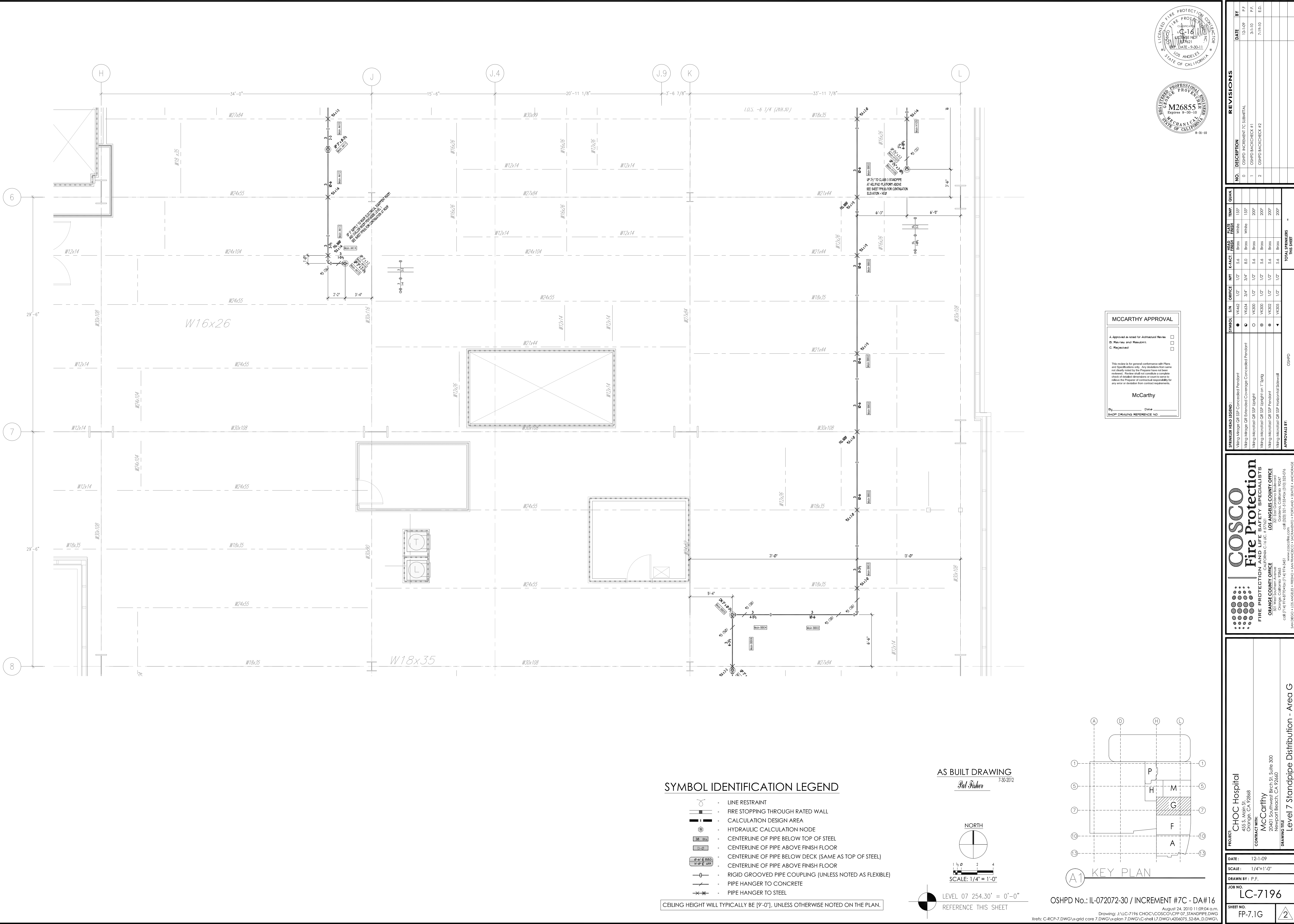
ORANGE COUNTY OFFICE
 501 West Southern Avenue
 Orange, California 92665
 call (714) 974-7776 • fax (714) 974-3403

SAN DIEGO - LOS ANGELES - IRVINE - SAN FRANCISCO - SACRAMENTO - PORTLAND - SEATTLE - OAKLAND

DATE:	12-1-09	
SCALE:	1/4"=1'-0"	
DRAWN BY:	P.F.	
JOB NO.	LC-7196	
SHEET NO.	FP-7.1F	

-

August 24, 2010 11:09:04 a.m.
Drawing: J:\LC-7196 CHOC\COSCO\CFP 07_STANDPIPE.DWG
Xrefs: C:\RCP-7.DWG\X-grid core 7.DWG\X-plan 7.DWG\C-shell L7.DWG\4206075_S2-8A_D.DWG



MCCARTHY APPROVAL

A. Approved as noted for Architectural Review ☐
B. Review and Re-submit ☐
C. Rejected ☐

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McCarthy

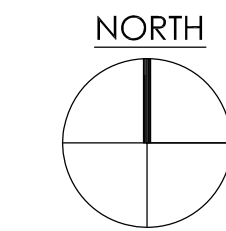
By: _____ Date: _____
SHOP DRAWING REFERENCE NO. _____

SYMBOL IDENTIFICATION LEGEND

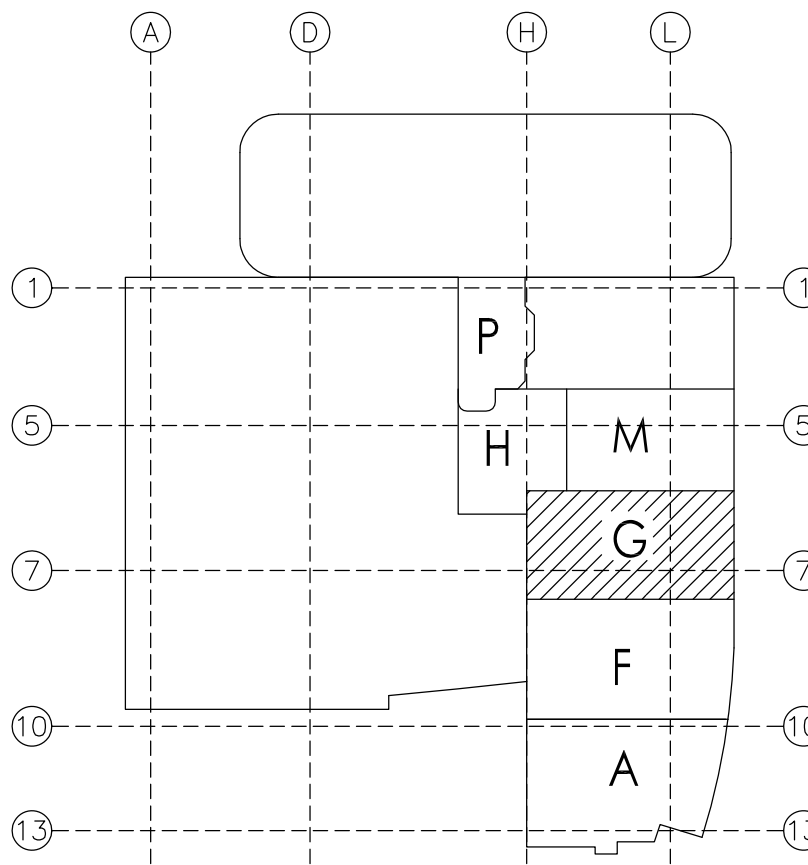
- LINE RESTRAINT
- FIRE STOPPING THROUGH RATED WALL
- CALCULATION DESIGN AREA
- HYDRAULIC CALCULATION NODE
- CENTERLINE OF PIPE BELOW TOP OF STEEL
- CENTERLINE OF PIPE ABOVE FINISH FLOOR
- CENTERLINE OF PIPE BELOW DECK (SAME AS TOP OF STEEL)
- CENTERLINE OF PIPE ABOVE FINISH FLOOR
- RIGID GROOVED PIPE COUPLING (UNLESS NOTED AS FLEXIBLE)
- PIPE HANGER TO CONCRETE
- PIPE HANGER TO STEEL

CEILING HEIGHT WILL TYPICALLY BE 9'-0", UNLESS OTHERWISE NOTED ON THE PLAN.

AS BUILT DRAWING
Pat Fisher 730-2012



LEVEL 07 254.30' = 0'-0"
REFERENCE THIS SHEET



A1 KEY PLAN

OSHPD No.: IL-072072-30 / INCREMENT #7C - DA#16

NO.	DESCRIPTION	DATE	BY
0	OSHPD INCREMENT 7C SUBMITTAL	12-1-09	P.F.
1	OSHPD BACKCHECK #1	3-1-10	P.F.
2	OSHPD BACKCHECK #2	7-15-10	E.O.

SYMBOL	SYN	OFFICE	WPT	K-FACT	HEAD	FINISH	PLATE	THICK	QUAN.
Wing Midge QR SSP Concealed Pendant	●	V462	1/2"	5.6	Brass	White	150"		
Wing Midge QR Extended Coverage Concealed Pendant	●	V654	3/4"	8.0	Brass	White	150"		
Wing Microdot QR SSP Upright	○	V300	1/2"	5.6	Brass	200"			
Wing Microdot QR SSP Upright on 1" Spig	○	V300	1/2"	5.6	Brass	200"			
Wing Microdot QR SSP Pendant	○	V300	1/2"	5.6	Brass	200"			
Wing Microdot QR SSP Horizontal Sidelight	◐	V300	1/2"	5.6	Brass	200"			
TOTAL SPINNERS THIS SHEET									
APPROVALS BY:									

COSCO Fire Protection
FIRE PROTECTION AND LIFE SAFETY SPECIALISTS
LOS ANGELES COUNTY OFFICE
321 East Garfield Avenue
San Gabriel, CA 91776
Call (626) 321-1555 Ext. 310/323/074
SAN DIEGO • LOS ANGELES • RENO • SAN FRANCISCO • SACRAMENTO • PORTLAND • SEATTLE • ANCHORAGE

PROJECT: CHOC Hospital
255 S. Main St.
Orange, CA 92668
CONTRACT WITH: McCarthy
20401 Southwest Birch St., Suite 300
Newport Beach, CA 92660
DRAWING TITLE: Level 7 Standpipe Distribution - Area G

DATE: 12-1-09
SCALE: 1/4"=1'-0"
DRAWN BY: P.F.
JOB NO: LC-7196
SHEET NO: FP-7.1G
2

[illegible]

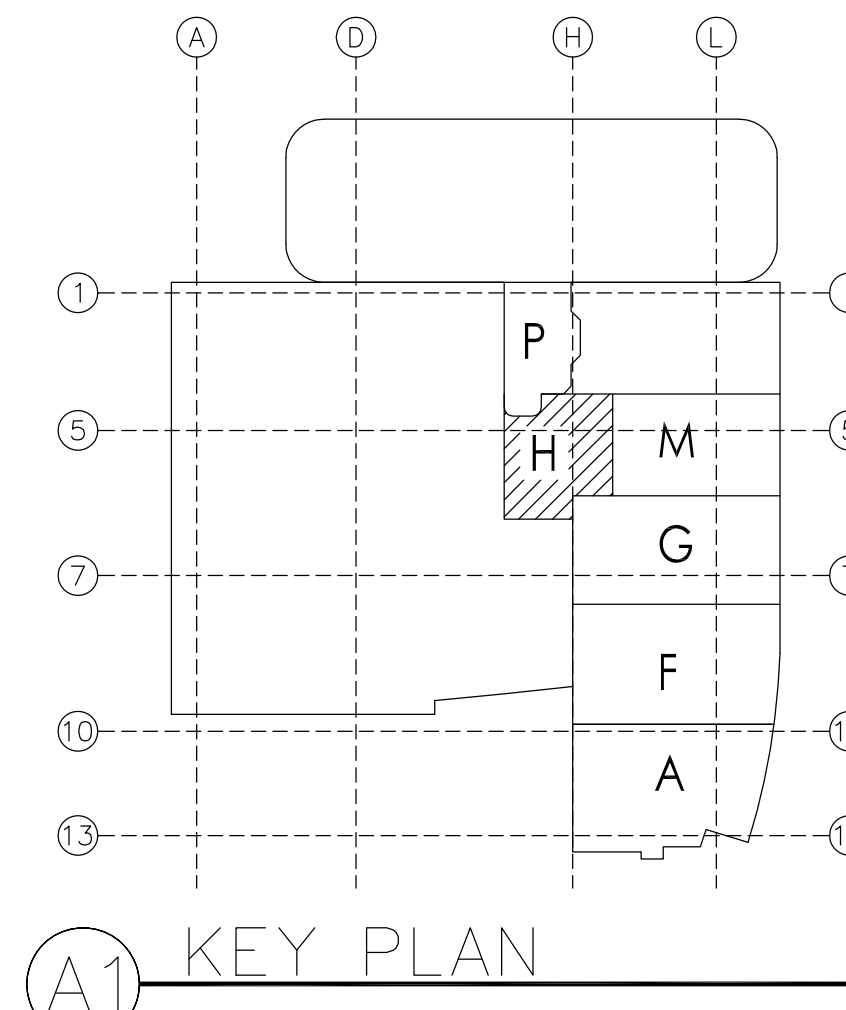
ORANGE COUNTY OFFICE
500 West Southern Avenue
Orange, California 92665
call (714) 974-8770/785 (714) 974-3403

LOS ANGELES COUNTY OFFICE
321 East Cordova Boulevard
Covina, California 92627
call (562) 331-1535/1536 (910) 323-0076

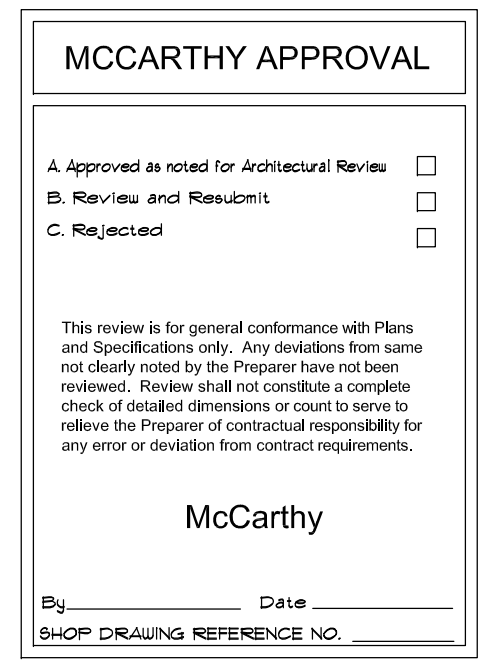
SAN DIEGO - LOS ANGELES - FRESNO - SAN FRANCISCO - LOS ANGELES - VENTURA - ANCHORAGE

DATE: 12-1-09	
SCALE: 1/4"=1'-0"	
DRAWN BY: P.F.	
JOB NO. LC-7196	
SHEET NO. FP-7.1H	

- AS BUILT DRAWING
- Pat Fisher*
- 7-30-2017
- NORTH
-
- A north arrow pointing upwards, labeled 'NORTH'. Below it is a graphic scale bar with alternating black and white segments, marked with '1 1/2', '2', and '4'. Below the scale bar is the text 'SCALE: 1/4" = 1'-0"'. At the bottom of the page is the text 'LEVEL 07 254.30' = 0'-' and 'REFERENCE THIS SHEET'.
- SCALE: 1/4" = 1'-0"
- LEVEL 07 254.30' = 0'-'
- REFERENCE THIS SHEET



OSHPD No.: IL-072072-30 / INCREMENT #7C - DA#16



REVISIONS			
NO.	DESCRIPTION	DATE	BY
0	OSHPD INCREMENT TC SUBMITTAL	12-1-09	P.F.
1	OSHPD BACKCHECK #1	3-1-10	P.F.
2	OSHPD BACKCHECK #1/2	7-19-10	E.D.

SPRINKLER HEAD LEGEND:										TOTAL SPRINKLERS THIS SHEET	
SYMBOL	S/N	OFFICE	NPT	K-FACTOR	HEAD TYPE	GLASS INCHES	TEMP.	QUAL.			
●	VX462	1/2"	5.0	Boss	White	150"					
	VX634	3/4"	5.0	Boss	White	150"					
○	VW300	1/2"	5.6	Boss							
○	VX320	1/2"	5.6	Boss							
○	VX330	1/2"	5.6	Boss							
○	VX340	1/2"	5.6	Boss							
○	VX350	1/2"	5.6	Boss							
○	VX360	1/2"	5.6	Boss							
○	VX370	1/2"	5.6	Boss							
○	VX380	1/2"	5.6	Boss							
○	VX390	1/2"	5.6	Boss							
○	VX400	1/2"	5.6	Boss							
○	VX410	1/2"	5.6	Boss							
○	VX420	1/2"	5.6	Boss							
○	VX430	1/2"	5.6	Boss							
○	VX440	1/2"	5.6	Boss							
○	VX450	1/2"	5.6	Boss							
○	VX460	1/2"	5.6	Boss							
○	VX470	1/2"	5.6	Boss							
○	VX480	1/2"	5.6	Boss							
○	VX490	1/2"	5.6	Boss							
○	VX500	1/2"	5.6	Boss							
○	VX510	1/2"	5.6	Boss							
○	VX520	1/2"	5.6	Boss							
○	VX530	1/2"	5.6	Boss							
○	VX540	1/2"	5.6	Boss							
○	VX550	1/2"	5.6	Boss							
○	VX560	1/2"	5.6	Boss							
○	VX570	1/2"	5.6	Boss							
○	VX580	1/2"	5.6	Boss							
○	VX590	1/2"	5.6	Boss							
○	VX600	1/2"	5.6	Boss							
○	VX610	1/2"	5.6	Boss							
○	VX620	1/2"	5.6	Boss							
○	VX630	1/2"	5.6	Boss							
○	VX640	1/2"	5.6	Boss							
○	VX650	1/2"	5.6	Boss							
○	VX660	1/2"	5.6	Boss							
○	VX670	1/2"	5.6	Boss							
○	VX680	1/2"	5.6	Boss							
○	VX690	1/2"	5.6	Boss							
○	VX700	1/2"	5.6	Boss							
○	VX710	1/2"	5.6	Boss							
○	VX720	1/2"	5.6	Boss							
○	VX730	1/2"	5.6	Boss							
○	VX740	1/2"	5.6	Boss							
○	VX750	1/2"	5.6	Boss							
○	VX760	1/2"	5.6	Boss							
○	VX770	1/2"	5.6	Boss							
○	VX780	1/2"	5.6	Boss							
○	VX790	1/2"	5.6	Boss							
○	VX800	1/2"	5.6	Boss							
○	VX810	1/2"	5.6	Boss							
○	VX820	1/2"	5.6	Boss							
○	VX830	1/2"	5.6	Boss							
○	VX840	1/2"	5.6	Boss							
○	VX850	1/2"	5.6	Boss							
○	VX860	1/2"	5.6	Boss							
○	VX870	1/2"	5.6	Boss							
○	VX880	1/2"	5.6	Boss							
○	VX890	1/2"	5.6	Boss							
○	VX900	1/2"	5.6	Boss							
○	VX910	1/2"	5.6	Boss							
○	VX920	1/2"	5.6	Boss							
○	VX930	1/2"	5.6	Boss							
○	VX940	1/2"	5.6	Boss							
○	VX950	1/2"	5.6	Boss							
○	VX960	1/2"	5.6	Boss							
○	VX970	1/2"	5.6	Boss							
○	VX980	1/2"	5.6	Boss							
○	VX990	1/2"	5.6	Boss							
○	VX1000	1/2"	5.6	Boss							
○	VX1010	1/2"	5.6	Boss							
○	VX1020	1/2"	5.6	Boss							
○	VX1030	1/2"	5.6	Boss							
○	VX1040	1/2"	5.6	Boss							
○	VX1050	1/2"	5.6	Boss							
○	VX1060	1/2"	5.6	Boss							
○	VX1070	1/2"	5.6	Boss							
○	VX1080	1/2"	5.6	Boss							
○	VX1090	1/2"	5.6	Boss							
○	VX1100	1/2"	5.6	Boss							
○	VX1110	1/2"	5.6	Boss							
○	VX1120	1/2"	5.6	Boss							
○	VX1130	1/2"	5.6	Boss							
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○	VX1150	1/2"	5.6	Boss							
○	VX1160	1/2"	5.6	Boss							
○	VX1170	1/2"	5.6	Boss							
○	VX1180	1/2"	5.6	Boss							
○	VX1190	1/2"	5.6	Boss							
○	VX1200	1/2"	5.6	Boss							
○	VX1210	1/2"	5.6	Boss							
○	VX1220	1/2"	5.6	Boss							
○	VX1230	1/2"	5.6	Boss							
○	VX1240	1/2"	5.6	Boss							
○	VX1250	1/2"	5.6	Boss							
○	VX1260	1/2"	5.6	Boss							
○	VX1270	1/2"	5.6	Boss							
○	VX1280	1/2"	5.6	Boss							
○	VX1290	1/2"	5.6	Boss							
○	VX1300	1/2"	5.6	Boss							
○	VX1310	1/2"	5.6	Boss							
○	VX1320	1/2"	5.6	Boss							
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○	VX1360	1/2"	5.6	Boss							
○	VX1370	1/2"	5.6	Boss							
○	VX1380	1/2"	5.6	Boss							
○	VX1390	1/2"	5.6	Boss							
○	VX1400	1/2"	5.6	Boss							
○	VX1410	1/2"	5.6	Boss							
○	VX1420	1/2"	5.6	Boss							
○	VX1430	1/2"	5.6	Boss							
○	VX1440	1/2"	5.6	Boss							
○	VX1450	1/2"	5.6	Boss							
○	VX1460	1/2"	5.6	Boss							
○	VX1470	1/2"	5.6	Boss							
○	VX1480	1/2"	5.6	Boss							
○	VX1490	1/2"	5.6	Boss							
○	VX1500	1/2"	5.6	Boss							
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○	VX1700	1/2"	5.6	Boss							
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○	VX1870	1/2"	5.6	Boss							
○	VX1880	1/2"	5.6	Boss							
○	VX1890	1/2"	5.6	Boss							
○	VX1900	1/2"	5.6	Boss							
○	VX1910	1/2"	5.6	Boss							
○	VX1920	1/2"	5.6	Boss							
○	VX1930	1/2"	5.6	Boss							
○	VX1940	1/2"	5.6	Boss							
○	VX1950	1/2"	5.6	Boss							
○	VX1960	1/2"	5.6	Boss							
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○	VX1980	1/2"	5.6	Boss							
○	VX1990	1/2"	5.6	Boss							
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○	VX2010	1/2"	5.6	Boss							
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○	VX2070	1/2"	5.6	Boss							
○	VX2080	1/2"	5.6	Boss							
○	VX2090	1/2"	5.6	Boss							
○	VX2100	1/2"	5.6	Boss							
○	VX2110	1/2"	5.6	Boss							
○	VX2120	1/2"	5.6	Boss							
○	VX2130	1/2"	5.6	Boss							
○	VX2140	1/2"	5.6	Boss							
○	VX2150	1/2"	5.6	Boss				</			

COSCO

Fire Protection

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SAN DIEGO - LOS ANGELES - IRVINE - SAN FRANCISCO - SACRAMENTO - PORTLAND - SEATTLE - OAKLAND

PROJECT	CHOC Hospital 455 S. Main St. Orange, CA 92668
CONTRACT WITH:	McCarthy 20401 Southwest Birch St., Suite 300 Newport Beach, CA 92660
DRAWING TITLE	Level 7 Standpipe Distribution - Area M

DATE:	12-1-09	
SCALE:	1/4"=1'-0"	
DRAWN BY:	P.F.	
JOB NO.	LC-7196	
SHEET NO.	FP-7.1M	

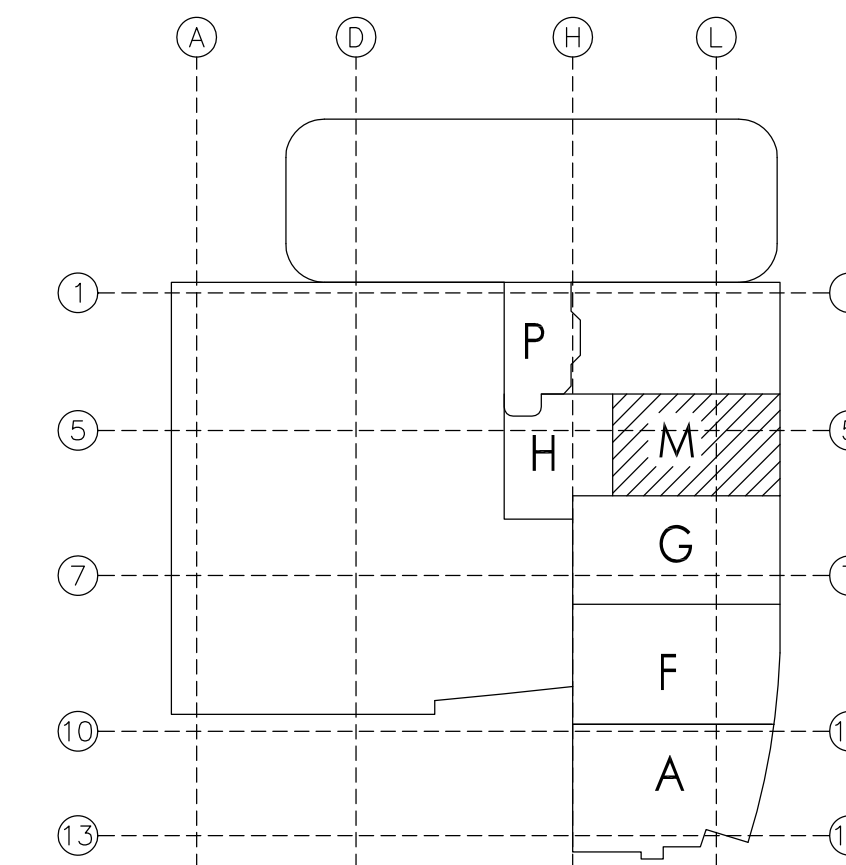
- LINE RESTRAINT
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- CALCULATION DESIGN AREA
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- CENTERLINE OF PIPE BELOW TOP OF STEEL
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- CENTERLINE OF PIPE ABOVE FINISH FLOOR
- RIGID GROOVED PIPE COUPLING (UNLESS NOTED AS FLEXIBLE)
- PIPE HANGER TO CONCRETE
- PIPE HANGER TO STEEL

CEILING HEIGHT WILL TYPICALLY BE [8'-0"] UNLESS OTHERWISE NOTED ON THE PLAN

A compass rose with a circle divided into four quadrants by a vertical and a horizontal line. The word "NORTH" is written above the top half of the circle, and "SOUTH" is written below the bottom half. The left and right halves are blank.

LEVEL 07 254.30' = 0'-0"

REFERENCE THIS SHEET



Ⓐ KEY PLAN

OSHPD No.: IL-072072-30 / INCREMENT #7C - DA#16

February 25, 2010 3:46:11 p.m.
CHOC\COSCO\CFP 05.DWG