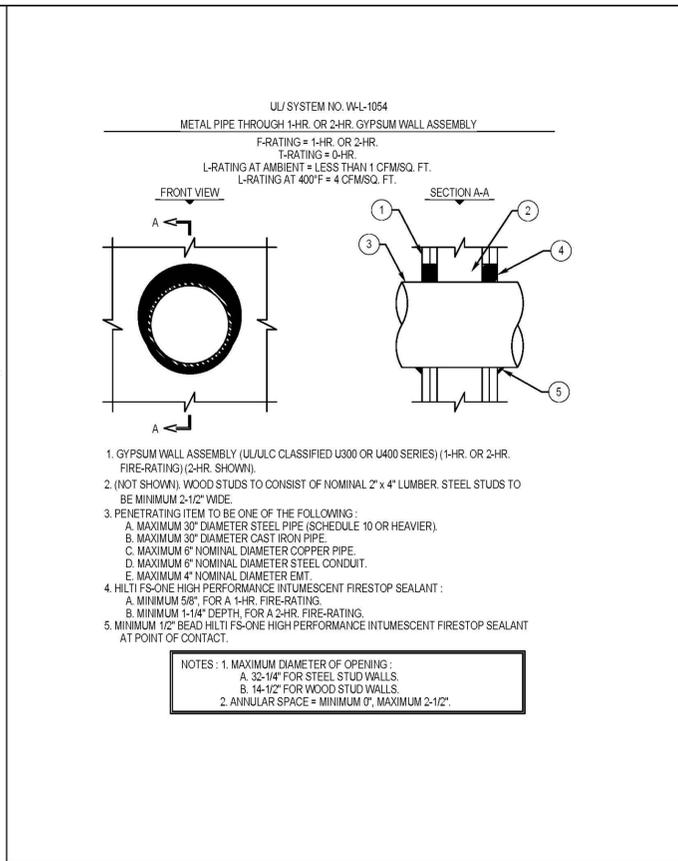


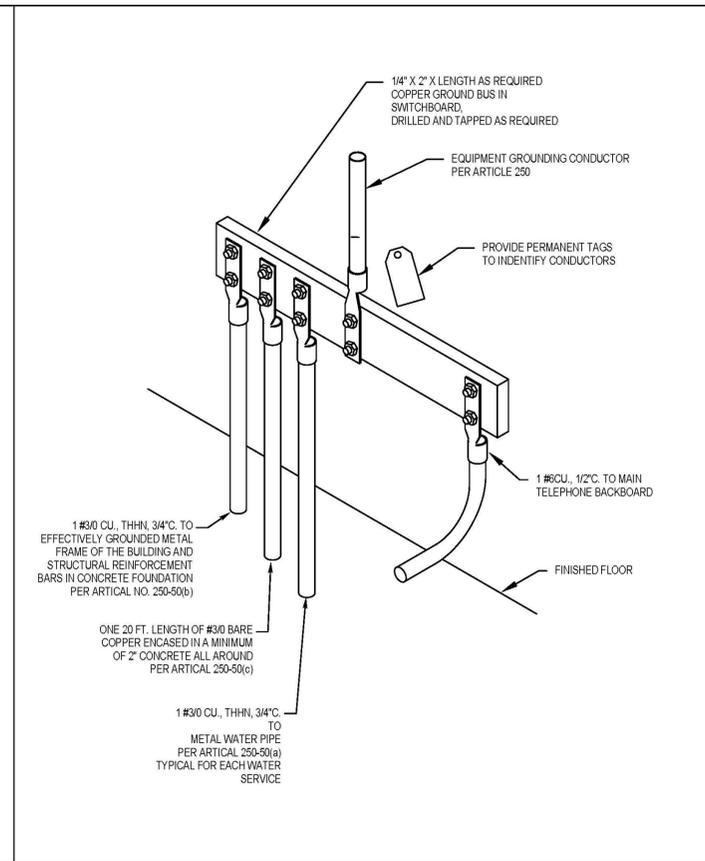
UNISTRUT STAND DETAIL

SCALE: 4
12" = 1'-0" E2.3 E6.9



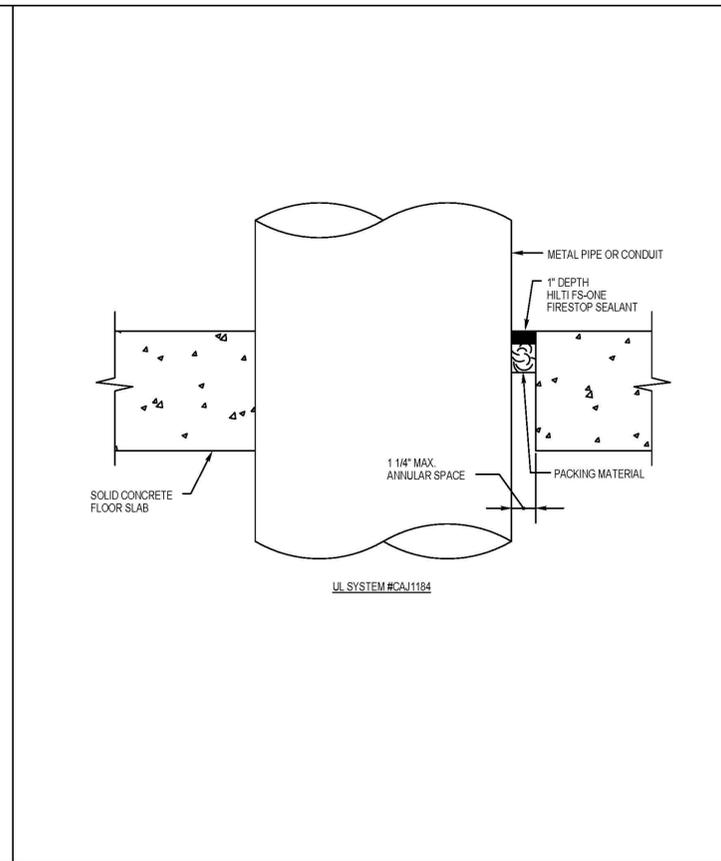
RATED WALL CONDUIT FIRE STOP

SCALE: 3
12" = 1'-0" E6.9



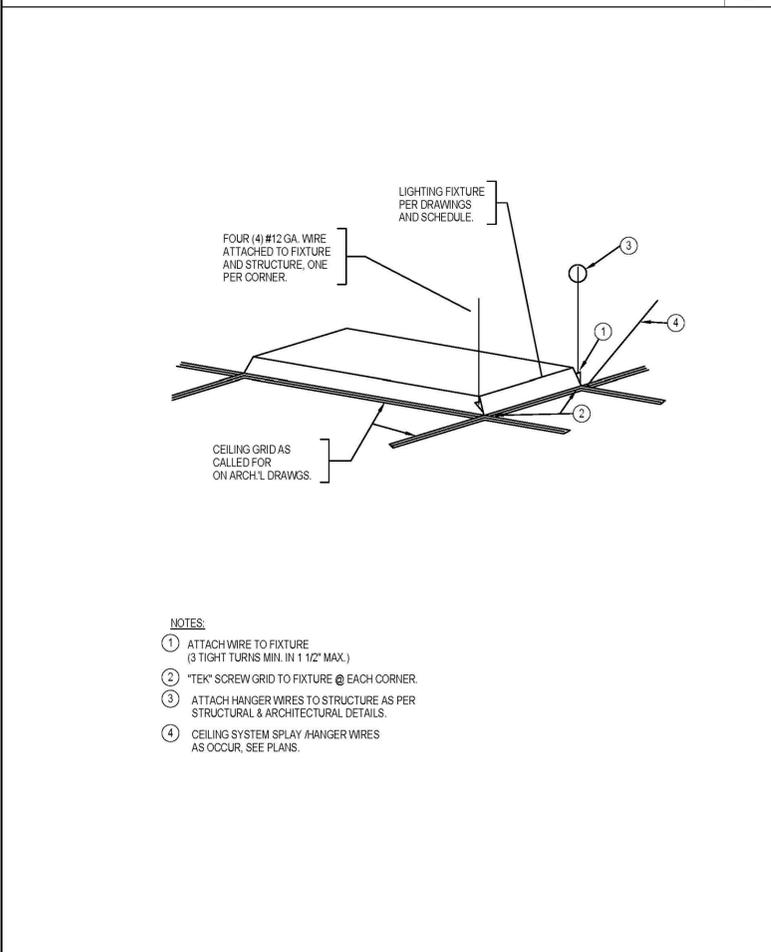
ELECTRICAL SERVICE GROUND

SCALE: 2
12" = 1'-0" E2.2 E6.9



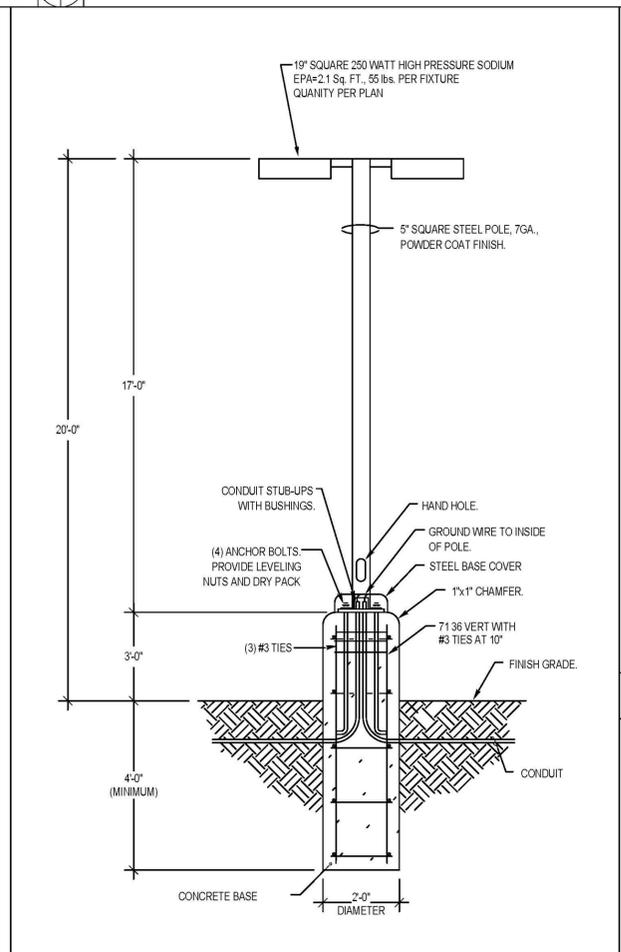
RATED FLOOR CONDUIT FIRE STOP

SCALE: 1
12" = 1'-0" E6.9



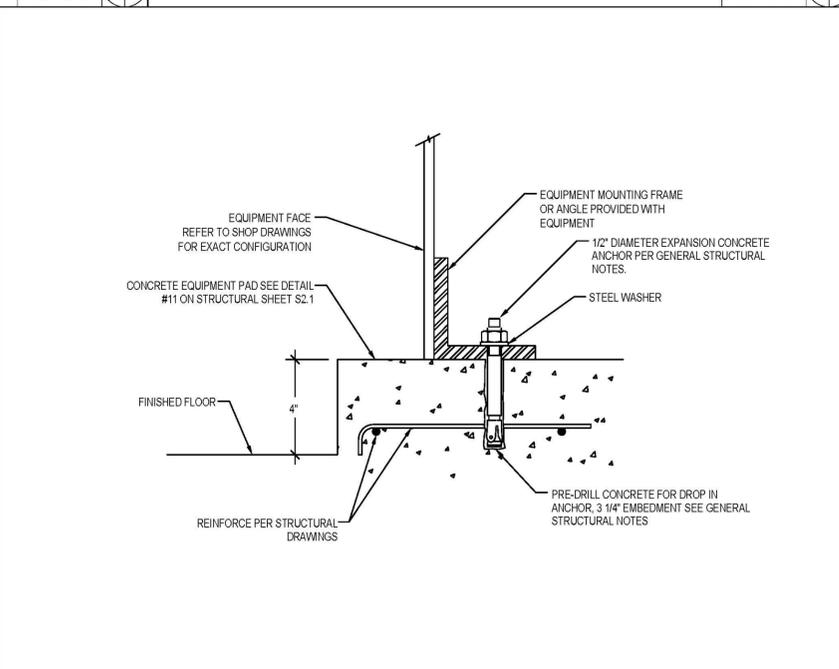
GRID RECESSED LIGHT FIXTURE DETAIL

SCALE: 8
12" = 1'-0" E1.9 E6.9



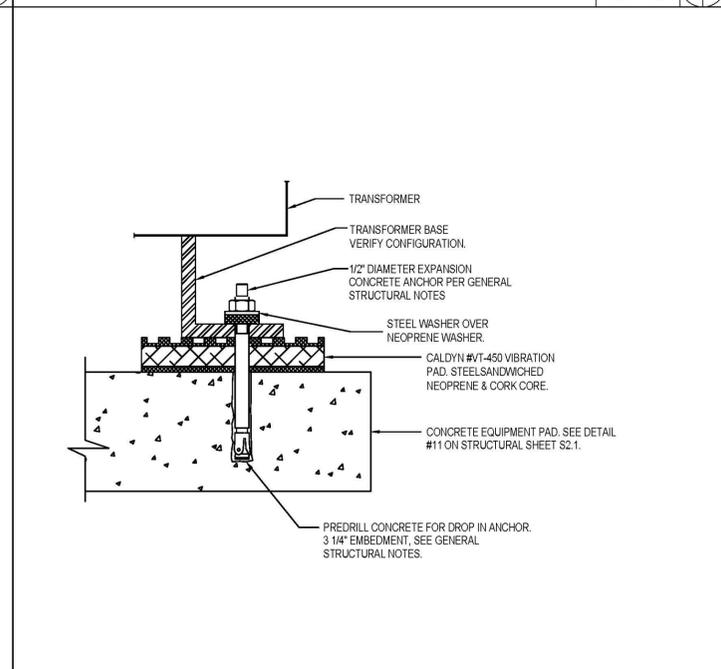
LIGHTING POLE DETAIL

SCALE: 7
12" = 1'-0" E1.9 E6.9



SWITCHBOARD/EQUIPMENT ANCHOR

SCALE: 6
12" = 1'-0" E2.2 E6.9



TRANSFORMER MOUNTING

SCALE: 5
12" = 1'-0" E2.2 E6.9

<p>DONN C. GILMORE & ASSOCIATES, INC. Consulting Mechanical and Electrical Engineers</p> <p>DCGA 4051 E. La Palma Ave., Ste. A Anaheim, CA 92807 Ph.: 714.630.4291 Fax: 714.630.4805</p>			
DATE	SYM	REVISION	BY
			A/PD

<p>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</p> <p>DRYDEN FLIGHT RESEARCH CENTER EDWARDS, CA</p>		<p>APPROVALS</p> <p>Chief, Facilities Engineering: <i>Dan Crowley</i></p> <p>Facilities Project Manager: <i>Genma Flores</i></p> <p>Chief, Office of Protective Services: <i>John Zellmer</i></p> <p>Chief - Safety, Health and Environmental Office: <i>Dan Millen</i></p> <p>DFRC Chief Information Officer: <i>Ken Norlin</i></p>	
<p>DRAWING TITLE</p> <p>ELECTRICAL DETAILS</p>		<p>DATE</p> <p>8-18-11</p> <p>8-18-11</p> <p>8-18-11</p> <p>8-18-11</p> <p>8-18-11</p> <p>8-18-11</p>	
<p>PROJECT TITLE</p> <p>8-18-11 FACILITIES SUPPORT CENTER 100% FINAL DESIGN SUBMITTAL</p>		<p>DATE STRD: 11/04/10</p> <p>DATE PRNTD: 05/23/11</p> <p>DRAWN BY: EDM-1703</p> <p>SCALE: AS NOTED</p> <p>TRADE SH. No. E6.0</p> <p>FILE NAME: SHEET No. 172 of 195</p>	



- DEMOLITION PLAN SPECIFIC NOTES:**
- 1 BUILDING TO BE COMPLETELY DEMOLISHED. ELECTRICAL POWER AND LIGHTING EQUIPMENT TO BE DISCONNECTED, REMOVED AND DISPOSED OF (PER CONTRACTING OFFICER INSTRUCTIONS).
 - 2 DE-ENERGISE AND DISCONNECT 480V FEEDER AT SUBSTATION 11, SERVING BUILDING 4810. FEEDER CONDUCTORS AND CONDUIT TO BE ABANDONED IN PLACE.
 - 3 BUILDING ELECTRICAL SERVICE FEEDER TO BE DISCONNECTED AND ABANDONED, WITH CONDUIT, IN PLACE.
 - 4 BUILDING TELEPHONE AND DATA COMMUNICATIONS LINES. DISCONNECT AND ABANDONED, WITH CONDUIT, PER CONTRACTING OFFICER APPROVAL INSTRUCTIONS.

BLDG 4810, BLDG 4827, WELD SHOP DEMOLITION

SCALE: 1" = 30'-0"

REGISTERED PROFESSIONAL ENGINEER
 No. E015151
 Exp. 6-30-12
 STATE OF CALIFORNIA

DCGA
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DATE	SYM	REVISION	BY	A/PD

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 DRYDEN FLIGHT RESEARCH CENTER
 EDWARDS, CA

DRAWING TITLE
 BLDG 4810, BLDG 4827, WELD SHOP DEMOLITION

PROJECT TITLE
 FACILITIES SUPPORT CENTER
 100% FINAL DESIGN SUBMITTAL

APPROVALS		DATE
Chief, Facilities Engineering	<i>Daniel Long</i>	8-18-11
Project Requestor/Custom	<i>Daniel Long</i>	8-18-11
Facilities Project Manager	<i>Gemma Flores</i>	8-18-11
Chief, Office of Protective Services	<i>John Zellmer</i>	8-18-11
Chief - Safety, Health and Environmental Office	<i>Dan Millen</i>	8-18-11
DFRC Chief Information Officer	<i>Ken Norlin</i>	8-18-11

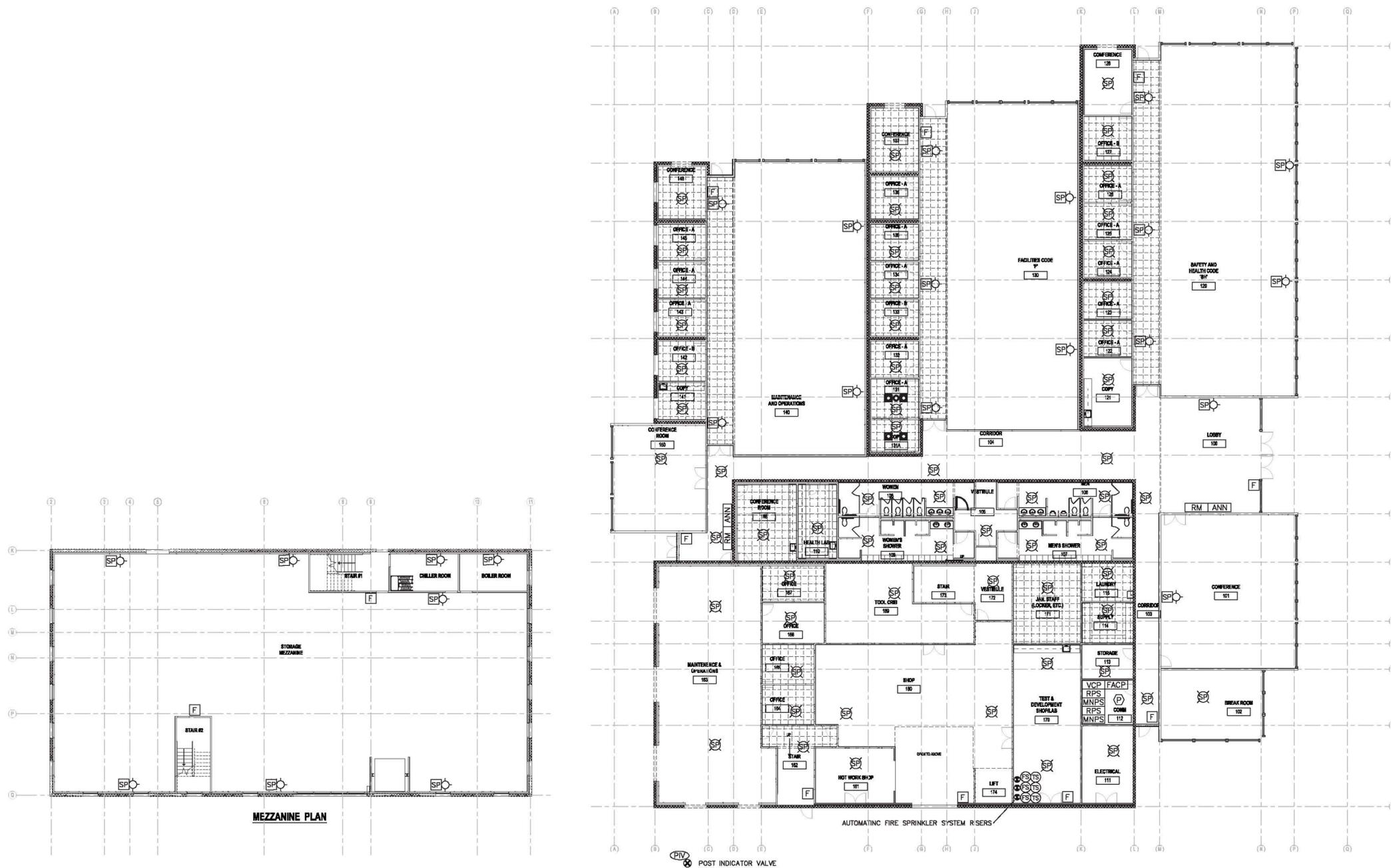
DATE STRTD	11/04/10	DATE PRNTD	05/23/11
DRAWN BY		TRADE	EDM-1703
SCALE	AS NOTED	SH. No.	
FILE NAME	E7.0	SHEET No.	173 of 195

FIRE ALARM SYSTEM NOTES:

1. FIRE ALARM AND MASS NOTIFICATION SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72 2007 EDITION, NFPA 101 2009 EDITION, UFGS DIVISION 28, SECTIONS 31 64.00 10 & 31 76 AND NASA-S10-8719.11 REVISION A.
2. ALL DEVICES AND EQUIPMENT SHALL BE UL LISTED OR FM APPROVED.
3. DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL QUANTITY AND LAYOUT SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS AND EQUIPMENT LISTINGS.
4. CONDUITS AND RACEWAYS IN FINISHED AREAS SHALL BE CONCEALED FROM VIEW.
5. SMOKE DETECTORS SHALL BE LOCATED NO CLOSER THAN 914 MM (36") FROM ALL AIR DIFFUSERS.
6. ALL FIRE ALARM CONDUIT SHALL BE 21 MM (3/4") MINIMUM.
7. SIGNALING LINE CIRCUITS SHALL BE CLASS B, STYLE 4; INITIATING DEVICE CIRCUITS SHALL BE CLASS B, STYLE Z; NOTIFICATION APPLIANCE CIRCUITS SHALL BE CLASS A, STYLE Z.
8. SYNCHRONIZE ALL VISUAL AND AUDIBLE NOTIFICATION APPLIANCES.
9. ALL FIRE ALARM CONDUCTORS SHALL BE INSTALLED IN CONDUIT.
10. ALL FIRE ALARM CONDUIT SHALL BE PAINTED RED.

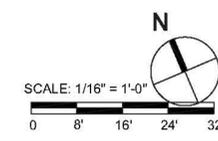
SYMBOL LEGEND

DEVICE LEGEND		
SYMBOL	DEVICE	PART NUMBER
[ANN]	FIRE ALARM ANNUNCIATOR	
[FACP]	FIRE ALARM CONTROL PANEL	
[FS]	FLOW SWITCH	BY OTHERS
[F]	MANUAL PULL STATION	
[MNPS]	MASS NOTIFICATION REMOTE POWER SUPPLY	
[P]	PHOTOELECTRIC DETECTOR/BASE	
[PIV]	POST INDICATING VALVE	BY OTHERS
[RM]	REMOTE MICROPHONE	
[SP]	SPEAKER/STROBE-CEILING MOUNTED	
[SP]	SPEAKER/STROBE-WALL MOUNTED	
[TS]	TAMPER SWITCH	BY OTHERS
[VCP]	VOICE CONTROL PANEL	
[RPS]	REMOTE POWER SUPPLY	



MEZZANINE PLAN

AUTOMATIC FIRE SPRINKLER SYSTEM RISERS



SCALE:
1/16" = 1'-0" 1

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Fire Protection Engineering, Consulting and Design
12792 Valley View Street, Suite D
Garden Grove, California 92845
(714) 373-5741
Fax (714) 373-5761 e-mail: spe@mudry.us

DATE	SYM	REVISION	BY	A/PD

<p>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION DRYDEN FLIGHT RESEARCH CENTER EDWARDS, CA</p>	<p>APPROVALS</p> <p>Chief, Facilities Engineering & Asset Mgmt. Office DAN CROWLEY <i>Dan Crowley</i> 8-18-11</p> <p>Project Manager/Owner DAN CROWLEY <i>Dan Crowley</i> 8-18-11</p> <p>Facilities Project Manager GEMMA FLORES <i>Gemma Flores</i> 8-18-11</p> <p>Chief, Office of Protective Services JOHN ZELMER <i>John ZELMER</i> 8-18-11</p> <p>Chief - Safety Health and Environmental Office DAN MULLEN <i>Dan Mullen</i> 8-18-11</p> <p>OPRC Chief Information Officer KEN NORLIN <i>Ken Norlin</i> 8-18-11</p>	<p>DATE</p> <p>8-18-11</p>
	<p>DRAWING TITLE</p> <p>FIRE ALARM PLAN</p>	<p>DATE STRD 11/04/10 DATE PRINTD 5/23/11</p> <p>DRAWN BY RJM</p> <p>SCALE</p> <p>FILE NAME FAO.1</p>
<p>PROJECT TITLE</p> <p>8-18-11 FACILITIES SUPPORT CENTER 100% FINAL DESIGN SUBMITTAL</p>	<p>DATE</p> <p>8-18-11</p>	<p>DATE</p> <p>8-18-11</p>