

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	LAMP	MTD	VOLT	WATTS	REMARK
A	⊠	8 FT DIRECT/INDIRECT LINEAR LUMINAIRE, STEM MOUNTED BELOW CANOPY, LENS AND GASKET SEALING WEATHERPROOF HOUSING, (1) 2 LAMP BALLAST DOWN LIGHT, (1) 2 LAMP BALLAST UP LIGHT, ROUTE WITH NEW LIGHTING CONTROL PANEL	2-32W T8 CROSS SECTION	STEM	MT	108	LAM LIGHTING #LRW80-6 278 L L ST/24-8" CUSTOM COLOR & FINISH. SEE PLANS FOR MOUNTING HEIGHT AND STEM LENGTH REQUIREMENT. (2) CIRCUITS. 4 FEET LAMP AND LENS.
B	⊙	GROUND MOUNT LOW VOLTAGE ACCENT LANDSCAPE WITH INTEGRAL TRANSFORMER	MR16	INGRADE	J-BOX	120	BRONZELITE #1L4050MR WITH INTEGRAL XFMR

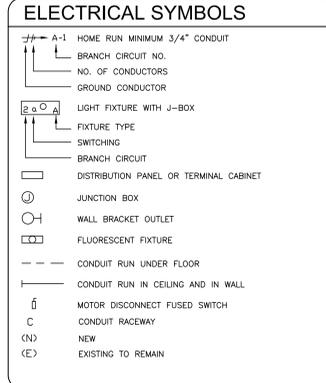
EM INDICATE FIXTURE UP LIGHT BALLAST IS CONNECTED TO EMERGENCY POWER CIRCUIT.

LIFE SAFETY EMERGENCY POWER

EXISTING PANEL	FULLY RATED	VOLTAGE	FEED	MOUNT
BE-1	10,000 AIC	120/208V 3Ø 4W	BOTTOM	SURFACE
CONNECT LOAD VA	SERVING	MAIN: 100 AMP MAIN	LOCATION: ELEC	INDOOR: NEMA1
LIGHT OUTLET MISC	ARMP/ØA ØB ØC	BREAKER TOTAL LOAD VA	SERVING	CONNECT LOAD VA
ØA	ØB	ØC	ARMP/ØA ØB ØC	LIGHT OUTLET MISC

CKT NO	DESCRIPTION	WATTS	PHASE	VA	ØA	ØB	ØC
1	(E) LIGHTS MAIN ENTRY	1571	20/1	1571			
2	(E) LIGHT RM 2, 3, 4	20/1	20/1	20/1			
3	(E) LIGHT CORR	20/1	20/1	20/1			
4	(E) RECP RM 40, 44	20/1	20/1	20/1			
5	(E) HEADWALL RM 35	20/1	20/1	20/1			
6	(E) RECP ENTRY	20/1	20/1	20/1			
7	(E) PARKING LOT LIGHT	20/1	20/1	20/1			
8	(E) PARKING LOT LIGHT	20/1	20/1	20/1			
9	(E) PARKING LOT LIGHT	20/1	20/1	20/1			
10	(E) RECP RM 18	20/1	20/1	20/1			
11	(E) RECP RM 18	20/1	20/1	20/1			
12	(E) RECP RM 18	20/1	20/1	20/1			
13	(E) RECP RM 18	20/1	20/1	20/1			
14	(E) RECP RM 18	20/1	20/1	20/1			
15	(E) RECP RM 18	20/1	20/1	20/1			
16	(E) RECP RM 18	20/1	20/1	20/1			
17	(E) RECP RM 18	20/1	20/1	20/1			
18	(E) RECP RM 18	20/1	20/1	20/1			
19	(E) RECP RM 18	20/1	20/1	20/1			
20	(E) RECP RM 18	20/1	20/1	20/1			
21	(E) RECP RM 18	20/1	20/1	20/1			
22	(E) RECP RM 18	20/1	20/1	20/1			
23	(E) RECP RM 18	20/1	20/1	20/1			
24	(E) RECP RM 18	20/1	20/1	20/1			
25	(E) RECP RM 18	20/1	20/1	20/1			
26	(E) RECP RM 18	20/1	20/1	20/1			
27	(E) RECP RM 18	20/1	20/1	20/1			
28	(E) RECP RM 18	20/1	20/1	20/1			
29	(E) RECP RM 18	20/1	20/1	20/1			
30	(E) RECP RM 18	20/1	20/1	20/1			
31	(E) RECP RM 18	20/1	20/1	20/1			
32	(E) RECP RM 18	20/1	20/1	20/1			
33	(E) RECP RM 18	20/1	20/1	20/1			
34	(E) RECP RM 18	20/1	20/1	20/1			
35	(E) RECP RM 18	20/1	20/1	20/1			
36	(E) RECP RM 18	20/1	20/1	20/1			
37	(E) RECP RM 18	20/1	20/1	20/1			
38	(E) RECP RM 18	20/1	20/1	20/1			
39	(E) RECP RM 18	20/1	20/1	20/1			
40	(E) RECP RM 18	20/1	20/1	20/1			
41	(E) RECP RM 18	20/1	20/1	20/1			

NOTES:
 ① PROVIDE NEW BREAKER FOR NEW LIGHTING CIRCUIT.
 ② UPDATE CIRCUIT DIRECTORY.
 ③ NO RECORDS FOR EXISTING CONNECTED LOAD.



NORMAL POWER

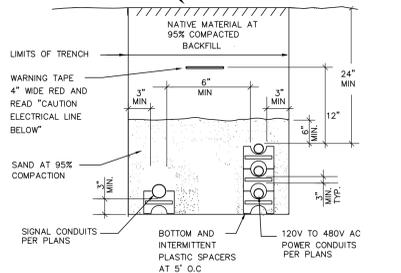
EXISTING PANEL	FULLY RATED	VOLTAGE	FEED	MOUNT
BA	10,000 AIC	120/208V 3Ø 4W	BOTTOM	FLUSH
CONNECT LOAD VA	SERVING	MAIN: 225 AMP BREAKER	LOCATION: HALL	INDOOR: NEMA1
LIGHT OUTLET MISC	ARMP/ØA ØB ØC	BREAKER TOTAL LOAD VA	SERVING	CONNECT LOAD VA
ØA	ØB	ØC	ARMP/ØA ØB ØC	LIGHT OUTLET MISC

CKT NO	DESCRIPTION	WATTS	PHASE	VA	ØA	ØB	ØC
1	(E) LIGHTS MAIN ENTRY	1571	20/1	1571			
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17	(E) RECP RM 18	20/1	20/1	20/1			
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26	(E) RECP RM 18	20/1	20/1	20/1			
27	(E) RECP RM 18	20/1	20/1	20/1			
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30	(E) RECP RM 18	20/1	20/1	20/1			
31	(E) RECP RM 18	20/1	20/1	20/1			
32	(E) RECP RM 18	20/1	20/1	20/1			
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36	(E) RECP RM 18	20/1	20/1	20/1			
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39	(E) RECP RM 18	20/1	20/1	20/1			
40	(E) RECP RM 18	20/1	20/1	20/1			
41	(E) RECP RM 18	20/1	20/1	20/1			

NOTES:
 ① PROVIDE SWD TYPE BREAKER FOR FLUORESCENT FIXTURE SWITCHING.
 ② UPDATE CIRCUIT DIRECTORY.
 ③ NO RECORDS FOR EXISTING CONNECTED LOAD.
 ④ PROVIDE NEW BREAKER FOR NEW CIRCUIT PER PLANS.

RESTORE NEW FINISHED SURFACE PER ORIGINAL CONDITION AS FOLLOW:

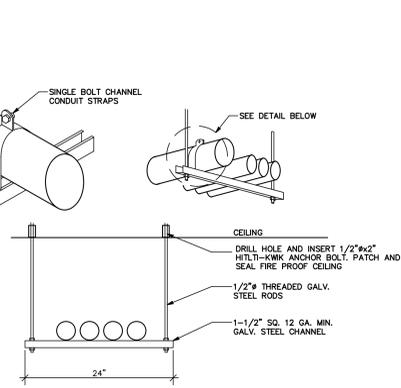
- STRUCTURES, BUILDING SLABS, WALKWAYS, AND STEPS: COMPACT TOP 6" OF SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL AT 92% MAX. RELATIVE COMPACTION. COMPACT UPPER 2' OF BACKFILL IN UTILITIES TRENCHES OR OTHER EXCAVATION TO 92% MIN. RELATIVE COMPACTION.
- LAWN OR UNPAVED AREAS: COMPACT TOP 6" OF SUBGRADE MATERIAL AT 85% RELATIVE COMPACTION.
- PAVEMENTS: COMPACT TOP 6" SUBGRADE IMMEDIATELY BENEATH THE BASE COURSE AT 95% MIN. RELATIVE COMPACTION.



- NOTES:
 1. IF CONDUITS ARE INSTALLED IN A FILL AREA, THE TOP OF THE FILL MUST BE A MIN. OF 30" ABOVE THE DESIGN CONDUITS ELEVATION BEFORE THE CONDUITS IS INSTALLED.
 2. ELECTRICAL CONDUITS SHALL BE MIN. 12" FROM OTHER UTILITY PIPES IN JOIN TRENCH, NO UTILITY PIPES ARE ALLOWED INSTALLED ON THE TOP OF ELECTRICAL CONDUITS.

1 CONDUIT TRENCH DETAIL

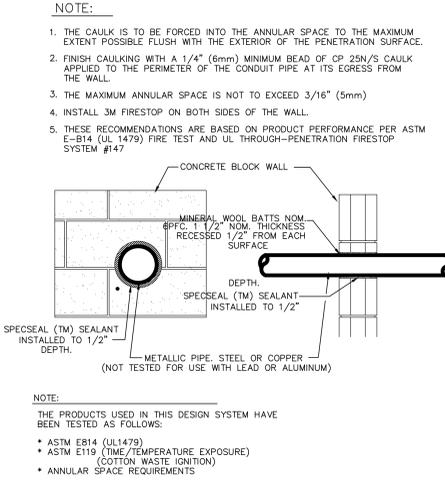
N.T.S.



- NOTES:
 1. CONTRACTOR MAY USE A CONDUIT SUSPENSION SYSTEM EQUIVALENT TO THAT WHICH IS DETAILED, HAVING THE FEATURES SHOWN AND APPROVED IN ADVANCE BY THE RESIDENT ENGINEER.
 2. PROVIDE A SAMPLE SUPPORT SYSTEM TO KEEP ON JOB SITE FOR CONSTRUCTION GUIDE PURPOSES.
 3. CONDUIT SUSPENSION SYSTEM SHALL BE INDEPENDENT OF ANY OTHER SUSPENSION SYSTEM.

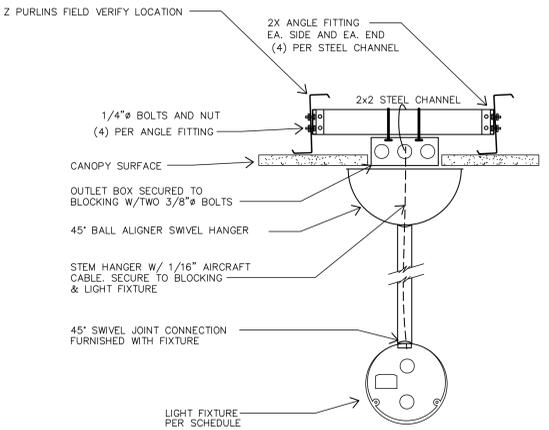
2 TYPICAL CONDUITS HANGER DETAIL

N.T.S.



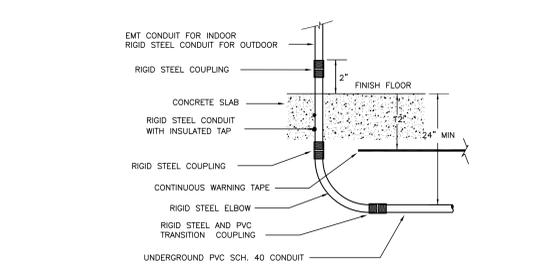
3 CONDUIT PENETRATION FIRESTOP DETAIL

N.T.S.



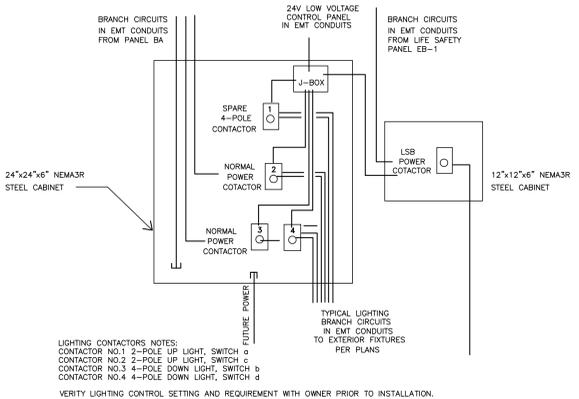
4 FIXTURE MOUNTING DETAIL

N.T.S.



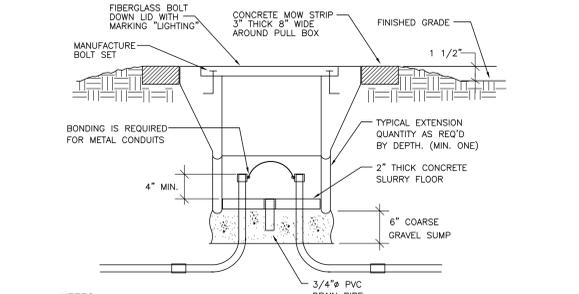
5 OUTDOOR CONDUIT RISER DETAIL

N.T.S.



6 LIGHTING CONTROL CABINET DETAIL

N.T.S.



7 PULL BOX AT OPEN YARD DETAIL

N.T.S.

<p>Revisions</p> <table border="1" style="width: 100%; height: 50px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>									<p>CONSULTANTS:</p> <p style="text-align: center;">CONSULTING ENGINEERS</p> <p style="text-align: center;">JOHN CHONG ENGINEERING</p> <p style="text-align: center;">john.chong@ool.com (559) 325-9288 • FAX 297-2441 2027 E. DECATUR AVE, FRESNO CA 93720</p>	<p>ARCHITECT/ENGINEERS:</p> <p style="text-align: center;">PAULI ENGINEERING, INC.</p> <p style="text-align: center;">944 N. VAN NESS AVE., FRESNO, CA 93728 PH: (559)237-4408 - FAX: (559)237-4409 E-MAIL: pauliengineering@sbcglobal.net www.pauliengineering.com</p>	<p>Drawing Title</p> <h2 style="text-align: center;">DETAILS AND SCHEDULES</h2> <p>Approved Project Director</p>	<p>Project Title</p> <p style="text-align: center;">CANOPIES AT ER ENTRANCE AREA AND FLATWORK IMPROVEMENTS</p> <p>Location</p> <p style="text-align: center;">2615 E. Clinton Ave, Fresno, CA</p> <p>Date</p> <p style="text-align: center;">06-07-2012</p>	<p>Project Number</p> <p style="text-align: center;">570-11-123</p> <p>Building Number</p> <p style="text-align: center;">Building 1</p> <p>Drawing Number</p> <p style="text-align: center;">E601</p> <p>Dwg. of --</p>	<p>Office of Construction and Facilities Management</p>