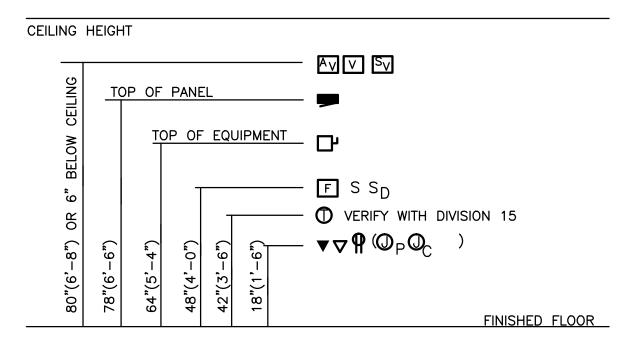


E	LECTRICAL ABBREVIATIONS
SYMBOL	DESCRIPTION
A/AMP	AMPERES
ÁC	ALTERNATING CURRENT
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRICAL)
BFC	BELOW FINISHED CEILING
BWE	BAKED WHITE ENAMEL
C	CONDUIT
CCT	CIRCUIT
DC	DIRECT CURRENT
(E), (EX), EX	
EC	EMPTY CONDUIT
EMT	ELECTRICAL METALLIC TUBING
EPO	EMERGENCY POWER OFF
EXT.	EXTERIOR
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE METALLIC CONDUIT
→ FPN	FUSED PER NAMEPLATE
3 FVNR	FULL VOLTAGE NON-REVERSING
∨ (F)	FUTURE
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
HP	HORSEPOWER
IMC	INTERMEDIATE METALLIC CONDUIT
INT.	INTERIOR
J-BOX	JUNCTION BOX
KAIC	KILOAMPERES INTERRUPTING CAPACITY (SYMMETRICAL)
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR
KV	KILOVOLTS
KVA	KILOVOLT-AMPS
, KW	KILOWATT
3 LCP	LOCAL CONTROL PANEL
MA	MILLIAMP
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
	MAIN LUGS ONLY
MLO	
MM	MILLIMETER
MTD	MOUNTED
(N)	NEW
N	NEUTRAL CONDUCTOR (GROUNDED CIRCUIT CONDUCTOR)
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
Р	PHASE OR POLE
PNL	PANELBOARD
P.O.S.	POINT OF SALE SYSTEM
PVC	POLYVINYL CHLORIDE CONDUIT (SCHEDULE 40)
(R)	RELOCATED
SEC	SECTION
<3>SPD	SURGE PROTECTION DEVICE
~	a.k.a. TRANSIENT VOLTAGE SURGE SUPPRESSOR (TVSS)
T, XFMR	TRANSFORMER
U.N.O.	UNLESS NOTED OTHERWISE
V	VOLTAGE OR VOLTS
W	WATTS
WP	WEATHERPROOF

INDEX OF ELECTRICAL DRAWINGS				
SHEET	TITLE			
*EL-1 *ED-1 *ES-1 *ES-2 *ES-3 *ES-4 ES-5	GENERAL ELECTRICAL LEGEND FACILITY ELECTRICAL ONE—LINE DIAGRAM GENERAL ELECTRICAL SCHEDULES I GENERAL ELECTRICAL SCHEDULES II GENERAL ELECTRICAL SCHEDULES III GENERAL ELECTRICAL SCHEDULES IV GENERAL ELECTRICAL SCHEDULES V			
*ESP-1 ESP-2	MASTER ELECTRICAL SITE PLAN ELECTRICAL SITE PLAN DETAILS			
EHW-1 EHW-2 EHW-3	ELECTRICAL ONE—LINE DIAGRAM — HEADWORKS BUILDING LIGHTING AND POWER PLAN — HEADWORKS BUILDING ELECTRICAL GROUNDING PLAN — HEADWORKS BUILDING			
EAB-1 EAB-2 EAB-3	AERATION BASINS AND AEROBIC DIGESTER BASINS ELECTRICAL GROUNDING PLAN AERATION BASINS AND AEROBIC DIGESTER BASINS LIGHTING AND POWER PLAN AERATION BASINS AND AEROBIC DIGESTER BASINS ELECTRICAL ONE—LINE DIAGRAM			
ESC-1 ESC-2 ESC-3	ELECTRICAL ONE—LINE DIAGRAM — SECONDARY CLARIFIER COMPLEX LIGHTING AND POWER PLAN — SECONDARY CLARIFIER COMPLEX ELECTRICAL GROUNDING PLAN — SECONDARY CLARIFIER COMPLEX			
EPD-1 EPD-2 EPD-3 EPD-4 EPD-5 EPD-6	ELECTRICAL ONE—LINE DIAGRAM — PUMPING AND DISINFECTION BUILDING ELECTRICAL POWER PLAN — PUMPING AND DISINFECTION BUILDING ELECTRICAL GROUNDING PLAN — PUMPING AND DISINFECTION BUILDING ELECTRICAL FOUNDATION PLAN — PUMPING AND DISINFECTION BUILDING ELECTRICAL FOUNDATION PLAN II — PUMPING AND DISINFECTION BUILDING ELECTRICAL LIGHTING PLAN — PUMPING AND DISINFECTION BUILDING			
EBB-1 EBB-2 EBB-3	ELECTRICAL POWER AND LIGHTING PLANS — BLOWER BUILDING UNDERGROUND CONDUIT AND LIGHTNING PROTECTION PLANS — BLOWER BUILDING ELECTRICAL ONE—LINE DIAGRAM — BLOWER BUILDING			
* EBH-1 * EBH-2	ELECTRICAL POWER AND SIGNAL PLAN — BIOSOLIDS HANDLING COMPLEX ELECTRICAL LIGHTING AND LIGHTNING PROTECTION PLANS — BIOSOLIDS HANDLING COMPLEX			
EEM-1 EEM-2 EEM-3	ELECTRICAL GROUNDING PLAN — EQUIPMENT MAINTENANCE AND STORAGE BUILDING ELECTRICAL LIGHTING AND LIGHTNING PROTECTION PLAN ELECTRICAL POWER PLAN			
EOP-1 EOP-2	ELECTRICAL LIGHTING AND LIGHTNING PROTECTION PLANS — OPERATIONS BUILDING ELECTRICAL POWER AND SIGNAL PLAN — OPERATIONS BUILDING			

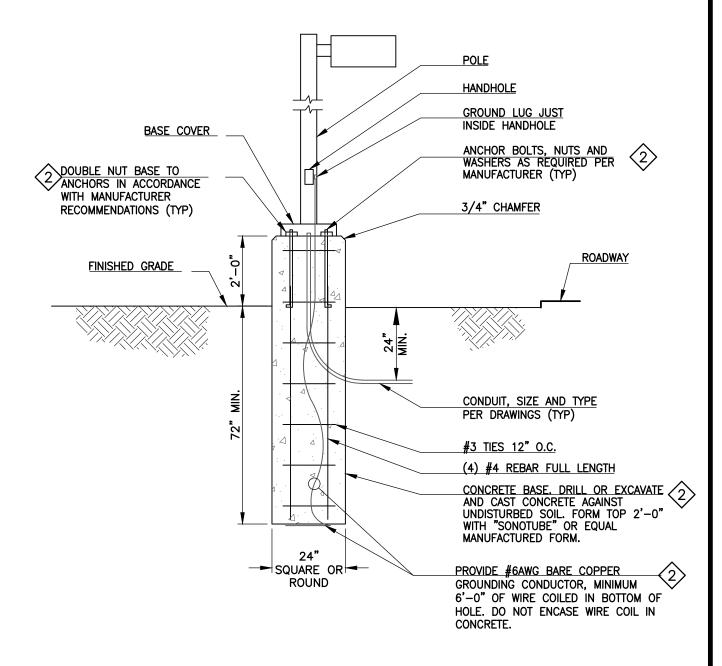
* INDICATES DRAWINGS INCLUDED IN THE 01/07/2013 BUILDING PERMIT SUBMITTAL TO PPRBD FOR THE BIOSOLIDS HANDLING COMPLEX.



NOTES:

- HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- 2 2. DEVICES ABOVE DOORS SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND CEILING LINE, UNO.
 - MOUNTING HEIGHTS SHOWN ON DETAIL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN ABOVE.
- 4. FOR CEILING HEIGHTS HIGHER THAN 7'-2", INSTALL FIRE ALARM NOTIFICATION APPLIANCES AND EXIT SIGNAGE AT 90" A.F.F., OTHERWISE INSTALL AT 6" BELOW CEILING OR AS REQUIRED PER CODE.
- 5. OVER COUNTER RECEPTACLES SHALL BE MOUNTED HORIZONTAL AND 10" ABOVE TOP OF COUNTER, UNO.





2 TYPICAL AREA LIGHTING POLE BASE DETAIL

SCALE: NONE

XREF FILENAME: BASE DWG: G: PLOT STYLE FILE: 1050C.CT FILENAME: G:\LFMSDD\20166\330\EL1\EL1.DW

REVISIONS					REVISIONS
NO. (1)	DATE	DESCRIPTION	NO. (1)	DATE	DESCRIPTION
13	06/29/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (OPERATIONS BUILDING)	1	03/30/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (SECONDARY CLARIFIER COMPLEX)
14	08/15/2012	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #135220 (OPERATIONS BLDG)	2	05/17/2011	ISSUED FOR PREPARATION OF CMO
15	11/29/2012	ISSUED FOR VALUE ENGINEERING REVIEW AND PRICING	3	06/20/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (HEADWORKS BUILDING)
16	12/12/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (AERATION BASINS)	4	06/10/2011	ISSUED FOR CONSTRUCTION (SECONDARY CLARIFIER COMPLEX)
17	01/07/2013	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (BIOSOLIDS HANDLING COMPLEX)	5	08/05/2011	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #68510 (HEADWORKS BLDG)
18	01/29/2013	ISSUED FOR CONSTRUCTION PER PPRBD PERMIT #H64746 (AERATION BASINS)	6	11/23/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (EQUIP. MAINT. & STOR. BLDG.)
19	03/14/2013	ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #165132 (BIOSOLIDS HANDLING COMPLEX	7	01/06/2012	ISSUED FOR VALUE ENGINEERING
			8	01/09/2012	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #H93002 (EQUIP. MAINT. & STO. BLDG.)
			9	01/25/2012	ISSUED FOR PD BUILDING VALUE ENGINEERING REVIEW AND COMMENTS
			10	04/18/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG
			11	05/21/2012	ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #98993 (PUMP AND DISINFECTION BLDG)
			12	06/21/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (BLOWER BUILDING)

	GENERAL	ELECT	RICAL	LEGEND	
HAROLD D.	THOMPSON	REGIONAL	WATER	RECLAMATION	FACILITY

LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN	MAM
DESIGNED_	AFS
CHECKED	MR
DATE	2010
PROJECT NO	0. 20166.330
GMS FILE N	0. 2599

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COLORADO SPRINGS, COLORADO 80903

DETAIL TITLE

ELEVATION

SECTION

XX SONE

(xx)

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