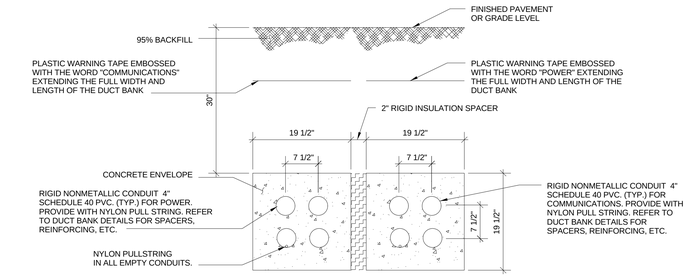
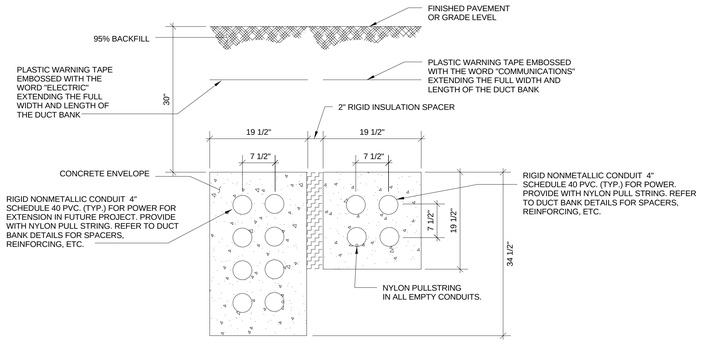


SECTION "A-A"
SCALE: NONE



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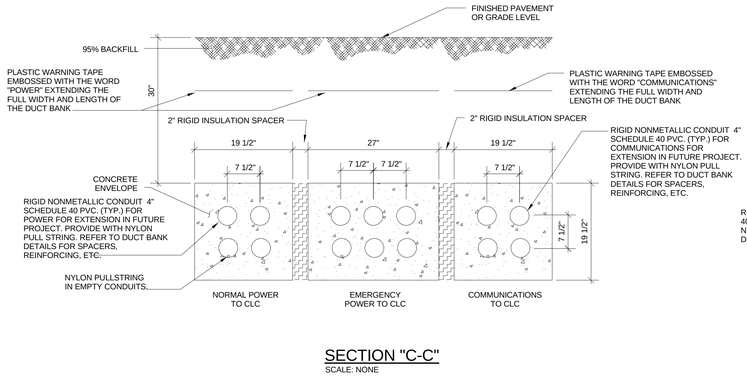

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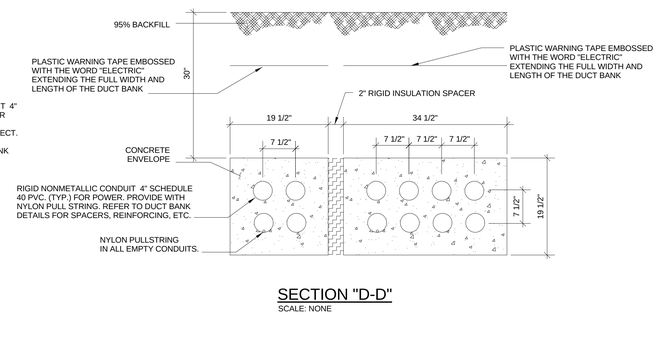

SECTION "D-D"
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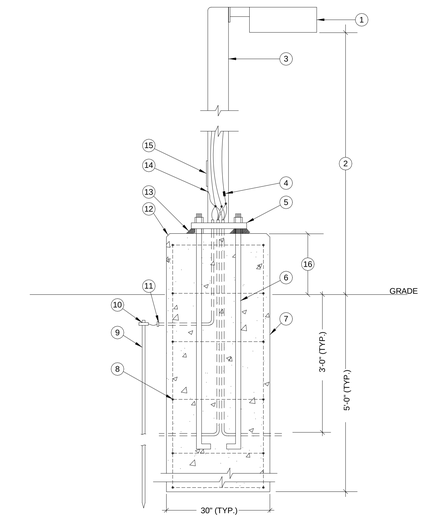
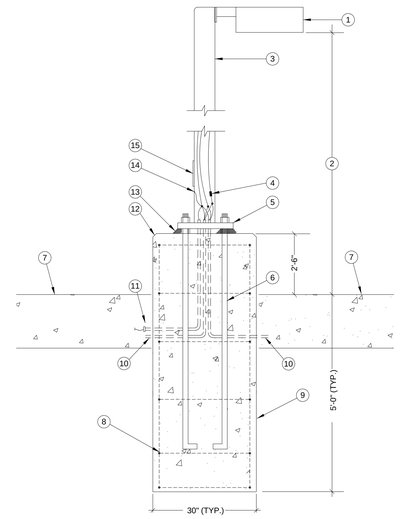


LIGHT POLE FOUNDATION DETAIL
SCALE: NONE



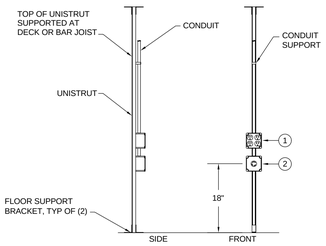
LIGHT POLE FOUNDATION DETAIL
SCALE: NONE

KEY NOTES: (#)

1. POLE MTD. LUMINAIRE. REFER TO LUMINAIRE SCHEDULE AND SITE PLAN FOR DETAILS.
2. REFER TO LUMINAIRE SCHEDULE AND SITE PLAN FOR MOUNTING HEIGHT ASSOCIATED WITH SPECIFIC LUMINAIRE TYPE.
3. STEEL POLE WITH BASE PLATE AND BASE COVER (NOT SHOWN).
4. PROVIDE IN-LINE FUSE IN PHASE CONDUCTOR.
5. POLE BASE PLATE (BASE COVER NOT SHOWN).
6. 1" DIAMETER X 36" LONG ANCHOR BOLT FURNISHED WITH POLE ASSEMBLY. (TYPICAL OF 4).
7. REINFORCED CONCRETE BASE, SONOTUBE FORMED, 3000 PSI MINIMUM COMPRESSION STRENGTH.
8. #4 REBAR VERTICAL CORNERS WITH #3 REBAR HORIZONTAL TIES AT 12" OC.
9. 3/4" X 10'-0" COPPER-CLAD GROUND ROD.
10. EXOTHERMIC CADWELD CONNECTION OF GROUNDING CONDUCTOR TO DRIVEN GROUND ROD.
11. 1" PVC WITH ONE (1) #8 AWG GROUNDING CONDUCTOR.
12. CHAMFER CORNER.
13. GROUT.
14. BOND GROUNDING CONDUCTOR TO INSIDE OF POLE NEAR HAND-HOLE.
15. 3"x5" REINFORCED HAND-HOLE WITH GASKETED COVER AND TAMPER RESISTANT SCREWS.
16. CONCRETE HEIGHT AFG AS STATED IN LUMINAIRE SCHEDULE.

GENERAL NOTES:

1. POLE BASE DEPTH, DIAMETER, REBAR SIZES AND QUANTITIES, AND CONCRETE PSI ARE SHOWN FOR ESTIMATING PURPOSES ONLY. PROVIDE FOR, AND SUBMIT TO THE ENGINEER, A POLE BASE INSTALLATION DETAIL THAT HAS BEEN PREPARED AND PROFESSIONALLY SEALED BY A STRUCTURAL ENGINEER.
2. THE SUBMITTED INSTALLATION DETAIL SHALL SPECIFY EXACT POLE BASE DIMENSIONS, MATERIALS, ETC. FOR EACH DIFFERENT POLE-MOUNTED LUMINAIRE LUMINAIRE TYPE AS INDICATED ON THE LUMINAIRE SCHEDULE AND ON THE PLANS. ALL LUMINAIRE POLES AND POLE BASES SHALL BE DESIGNED AND PROVIDED AS REQUIRED FOR PROPER STRUCTURAL SUPPORT AGAINST ALL STATIC AND DYNAMIC LOADS INCLUDING WIND LOADS UP TO 100 MPH AND SHALL BE SPECIFIC USING THE ACTUAL EPA VALUES FOR THE POLES AND LUMINAIRES BEING PROVIDED FOR THIS PROJECT.



RACK POWER POLE DETAIL
SCALE: NONE

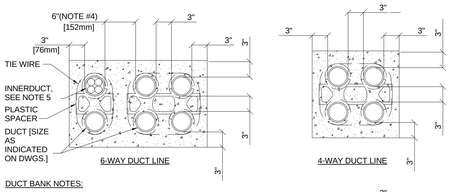
GENERAL NOTES:

1. EC TO PROVIDE (1) NEMA 5-20R DOUBLE DUPLEX RECEPTACLE AND (1) NEMA L6-20R RECEPTACLE EACH IN 4" x 4" BACKBOXES MOUNTED VERTICALLY ON FLOOR MOUNTED UNISTRUT SUPPORT.
2. BOTTOM RECEPTACLE TO BE MOUNTED AT 18".
3. MOUNT SUCH THAT FRONT FACE OF RECEPTACLES ARE 9" FROM BACK CORNER POST OF RACK, TYPICAL.

KEY NOTES:

(1) DEDICATED EMERGENCY POWER CIRCUITS - 120V NEMA 5-20R DOUBLE DUPLEX.

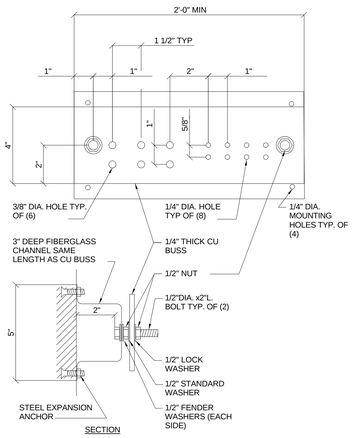
(2) DEDICATED EMERGENCY POWER CIRCUIT - 208V NEMA L6-30R.



DUCT BANK NOTES:

1. CONCRETE SHALL BE 2000 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE REINFORCING RODS ON TOP AND BOTTOM OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS OR DRIVING AREAS.
3. MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 24" [610mm].
4. PROVIDE MINIMUM 6" [152mm] SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
5. INNERDUCT QUANTITY AND SIZE AS INDICATED ON PLANS.

DUCT BANK DETAILS
SCALE: NONE



GROUNDING BAR DETAIL
SCALE: NONE

GENERAL NOTES

1. ALL HARDWARE SHOWN SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.

FINAL SUBMITTAL

No.	Description	Date
	DD#1	07/09/2012
	DD#2	08/13/2012
	CD#1	09/24/2012
	CD#2	11/02/2012
	FINAL SUBMITTAL	05/07/2013
Revisions:		Date

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Drawing Title: ELECTRICAL DETAILS

Approved: Project Director

Project Title: VA Erie Parking Structure

Location: Erie, PA

Date: 9/24/2013 | Checked: MSB | Drawn: SRH

Project Number: 11159.00

Building Number:

Drawing Number: **E-502**

Office of Construction and Facilities Management

Department of Veterans Affairs