

CITY OF PITTSBURGH
82-H-1-0-2

MAP: F7-5, F7-6
GIS: 4644
CKT: 22559
(HIGHLAND-EAST END NO.4)



FINAL DESIGN BY: AECALL
SERIAL NUMBERS
2024753768
NUMS
P16561010

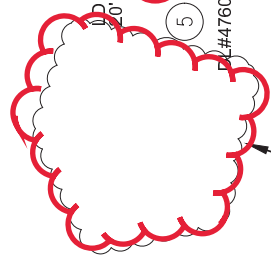
DL#476015

- 55'-2
- 10' DXDD (22T)
(OH-7-7)
- 2-BKCN
- 2-DBL. HLX ANC.
- 2-18M ANC. GUY (22T)

ONE WILD PL

DL#476016

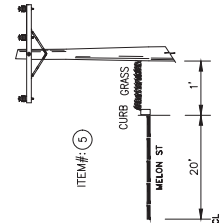
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(OH-7-7)
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- 2-18M ANC. GUY (22T)



"VEGETATION"
"MANAGEMENT"
"REQUIRED"

DLC CANNOT MOVE POLE TO EDGE OF R/W
DUE TO SEVERE IMPACT ON LINE ANGLE

ITEM# 5



LD 20'

DL#476015

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DL#281261

- 40'-5
- 55'-2
- 10' DXD (22T)
(OH-7-8)
- 3Ø TP ASSEMBLY (22T)
(OH-15-16)
- 1-BKCN
- 1-18M MESSENGER DE
- 1-DBL. HLX ANC.
- 1-DBL. HLX ANC.
- 1-10M LG (22T)
- 1-18M ANC. GUY (SEC)
- 1-18M ANC. GUY (AE)

LD 17'

DL#281621

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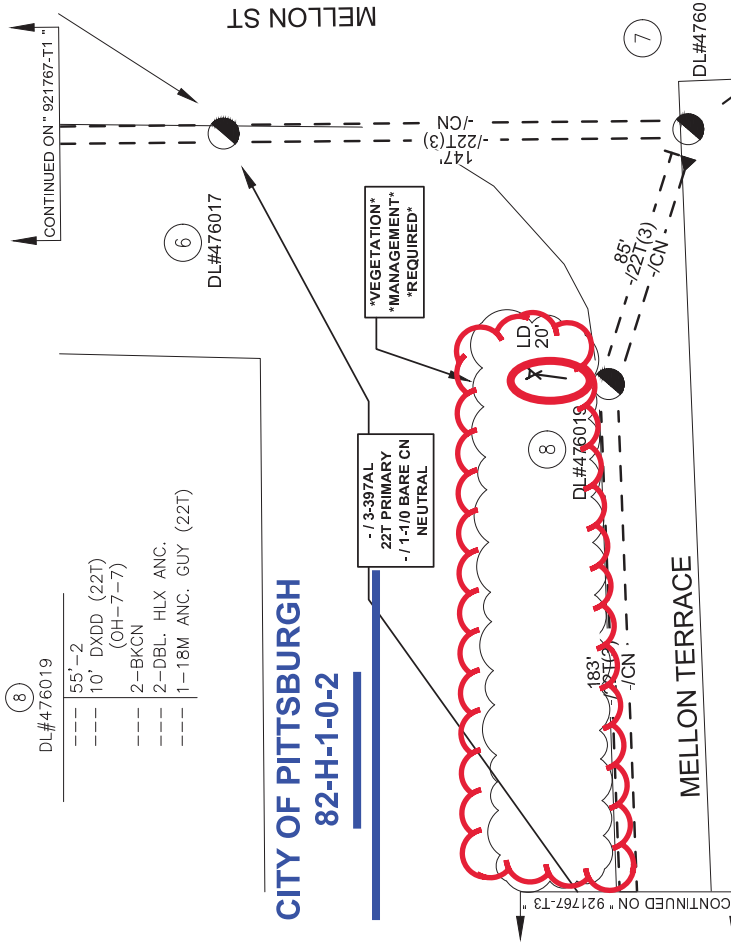
No. 921767-T2

DL#476019
--- 55'-2
--- 10' DXDD (22T)
--- (OH-7-7)
--- 2-BKCN
--- 2-DBL. HLX ANC.
--- 1-18M ANC. GUY (22T)

CITY OF PITTSBURGH
82-H-1-0-2

- / 3-397AL
22T PRIMARY
- / 1-10 BARE CN
NEUTRAL

"VEGETATION"
"MANAGEMENT"
"REQUIRED"



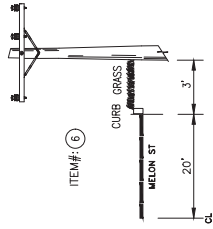
MAP: F7-5, F7-6
GIS: 4644
CKT: 22559
(HIGHLAND-EAST END NO.4)



FINAL DESIGN & RECALL
SERIAL NUMBERS
20242753768

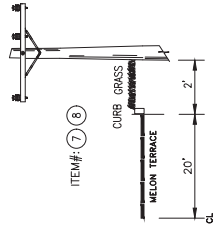
NJMS
P16561010

DLC CANNOT MOVE POLE TO EDGE OF R/W
DUE TO SEVERE IMPACT ON LINE ANGLE

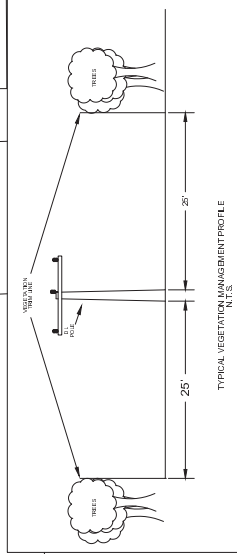


DL#476018
--- 55'-2
--- 10' DXD (22T)
--- (OH-7-8)
--- 2-BKCN
--- 2-DBL. HLX ANC.
--- 1-18M ANC. GUY (22T)

DLC CANNOT MOVE POLE TO EDGE OF R/W
DUE TO SEVERE IMPACT ON LINE ANGLE



RELATED DRAWINGS
921767-T1 ~ OH CONSTRUCTION DRAWING 1
921767-T3 ~ OH CONSTRUCTION DRAWING 3
921767-T4 ~ CIRCUIT MAP REVISION



SUMMARY			
DLC WORK	QTY	PRIVATE PROPERTY	MUNICIPALITY
INSTALL POLE	0		(6) (7) (8)
REPLACE POLE	0		0
INSTALL ANCHOR	1	(8)	0
REPLACE ANCHOR	0		0

THIRD PARTY ATTACHMENTS	
COMPANY	PHONE NUMBER
COMCAST	(412) 875-1327

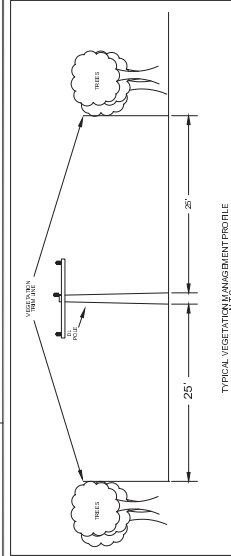
REVISIONS

REV. BY	APPROVAL BY

DESIGNED BY: F. OBAND
DATE: 1/7/2025
CHECKED BY: F. OBAND
DATE: 1/7/2025
APPROVED BY: F. OBAND
DATE: 1/7/2025

22559 EXTENSION ~ PWSA HIGHLAND PUMP
BUNKERHILL ST. MELLON ST
OH CONSTRUCTION DRAWING 2

REV.	DATE	DESCRIPTION
0	921767-T2	

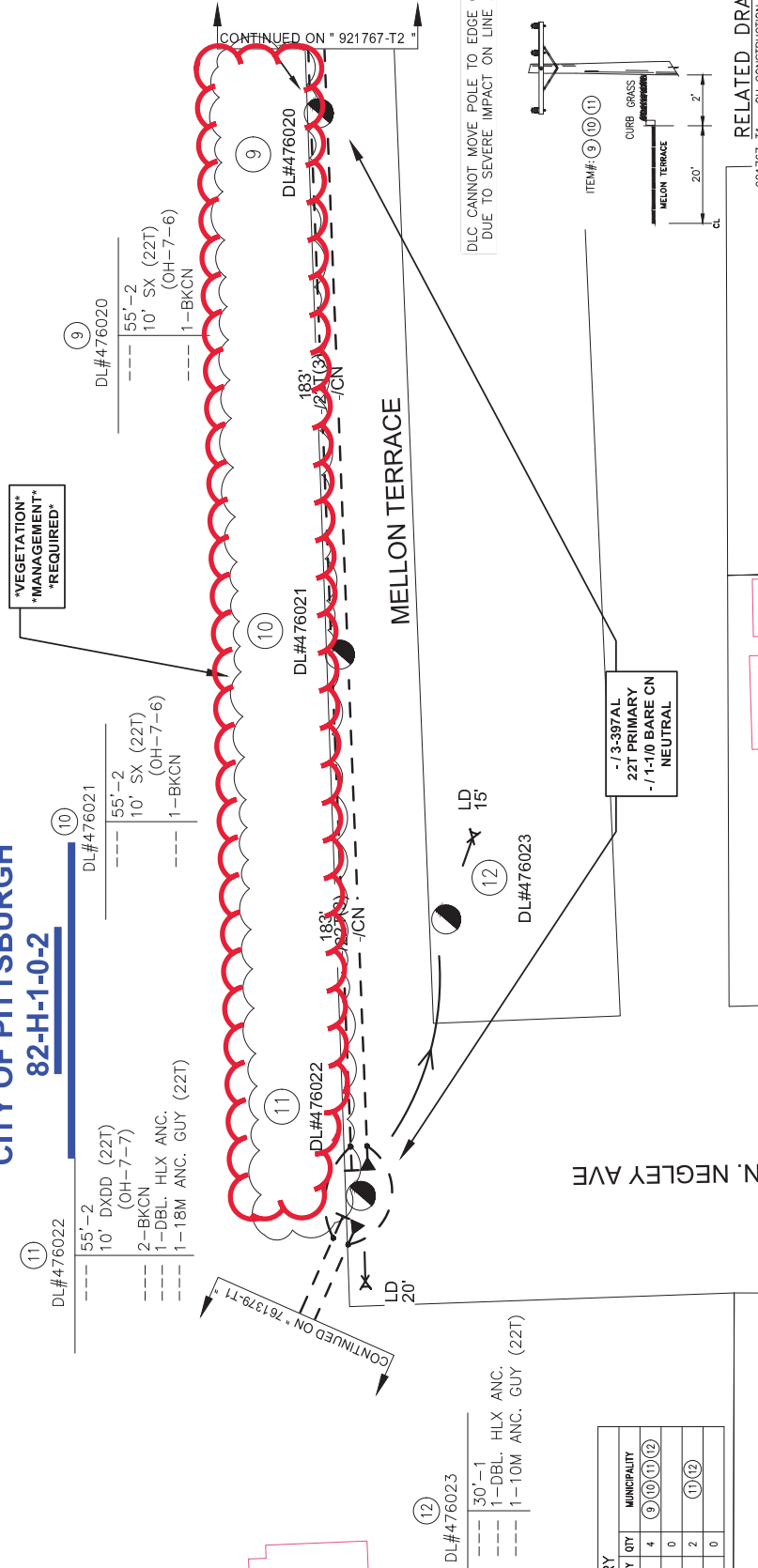


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GIS: 4644
CKT: 22559
(HIGHLAND-EAST END NO.4)



CITY OF PITTSBURGH

82-H-1-0-2



---	30'-1
---	1-DBL. HLX ANC.
---	1-10M ANC. GUY (22T)

SUMMARY				
DLC WORK	QTY	PRIVATE PROPERTY	QTY	MUNICIPALITY
INSTALL POLE	0		4	(9) (10) (11) (12)
REPLACE POLE	0		0	
INSTALL ANCHOR	0		2	(11) (12)
REPLACE ANCHOR	0		0	

N. NEGLEY AVE

DLC CANNOT MOVE POLE TO EDGE OF R/W
DUE TO SEVERE IMPACT ON LINE ANGLE

- / 3-397AL
22T PRIMARY
- / 1-1/0 BARE CN
NEUTRAL

ITEM#: 9 10 11

CURB GR

20'

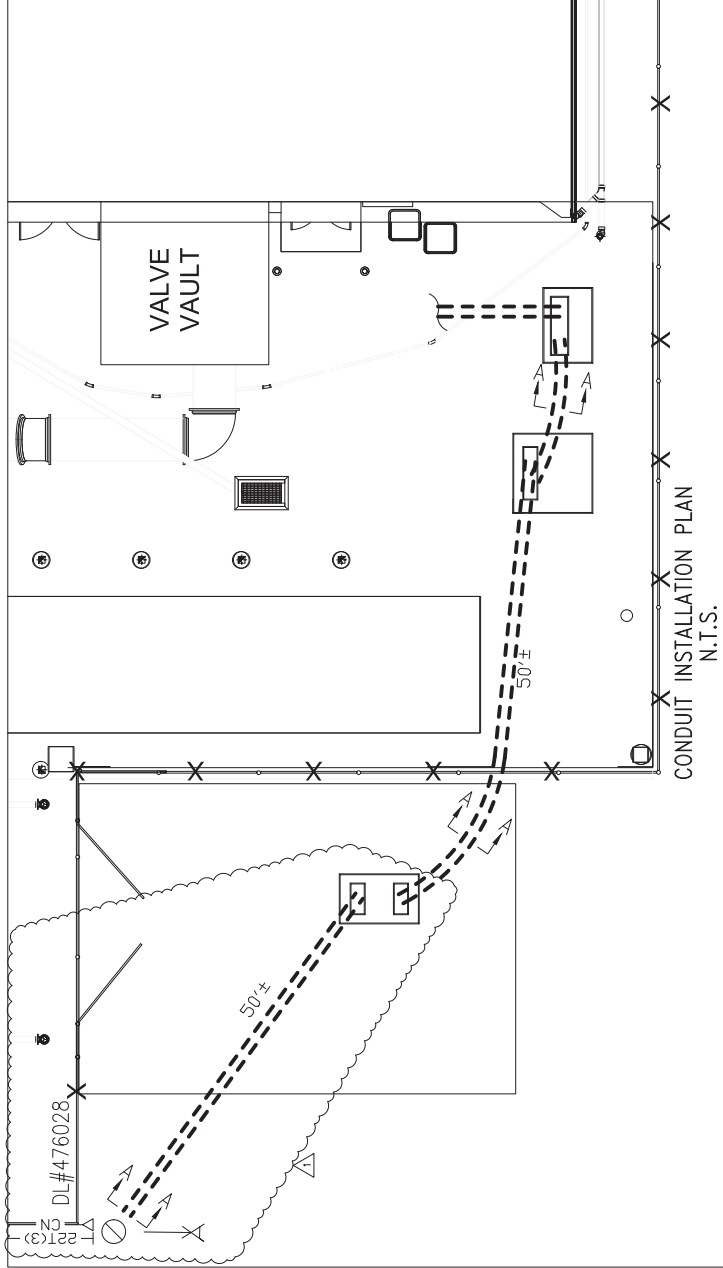
2

CONCRETE TERRACE

RELATED DRAWINGS

RELATED DRAWINGS	
921767-T1	~ OH CONSTRUCTION DRAWING 1
921767-T2	~ OH CONSTRUCTION DRAWING 2
921767-T4	~ CIRCUIT MAP REVISION

[illegible]

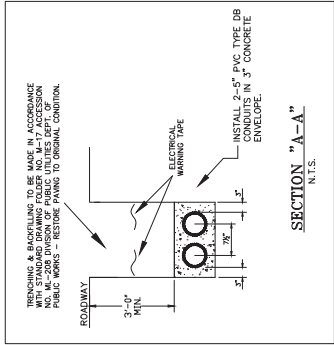
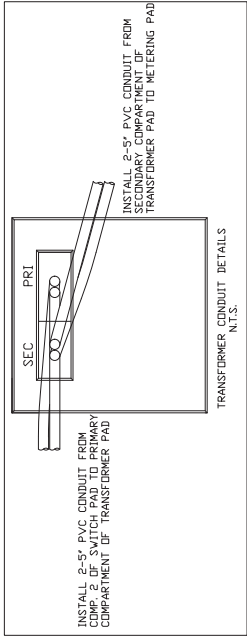




MAP: F7-6
OS: 4644
DKT: 22559
(HIGHWAY-EAST END NO. 4)



FINAL DESIGN BY ONECALL
CITY OF PITTSBURGH
2024/03/28



7500002 STANDARD CONSTRUCTION SPECIFICATION FOR DUQUESNE LIGHT COMPANY ELECTRICAL DUCTBANKS

- RELATED DRAWINGS**
- 761379-T1 ~ OH CONSTRUCTION DRAWING 1
 - 761379-T2 ~ OH CONSTRUCTION DRAWING 2
 - 761379-T3 ~ CABLE PULL DRAWING
 - 761379-T4 ~ D32525 REMOVALS
 - 761379-T5 ~ CIRCUIT MAP REVISION
 - 761379-T6 ~ EQUIPMENT GROUNDING DETAILS
 - 761379-T7 ~ CONDUIT AND DUCT BANK DETAILS
 - 761379-T8 ~ TRANSFORMER PAD DETAILS
 - 761379-T9 ~ PRIMARY METERING PAD DETAILS
 - 921767 ~ 22559 CIRCUIT EXTENSION DRAWINGS

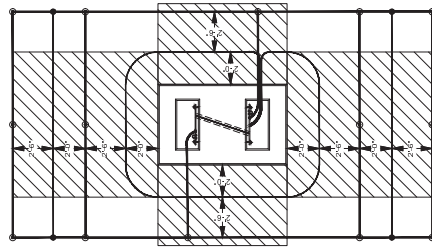
- CONDUIT CONSTRUCTION NOTES**
- CONTACT DUQUESNE LIGHT CO. REPRESENTATIVE (EADL OBAID 412-393-8615) TO INSPECT CONDUIT PRIOR TO CONCRETE ENCASEMENT AND BACKFILL.
 - CONDUIT TO BE 3" PVC TYPE DB-120 AND 5" RIGID STEEL, HOT DIPPED GALVANIZED (WHERE SPECIFIED) INSTALLED IN ACCORDANCE WITH DUQUESNE LIGHT SPECIFICATION 7500002 REV. D.
 - INSTALL MANUFACTURED INTERLOCKING PLASTIC SPACERS ON 5 TO 8 FOOT CENTERS TO MAINTAIN THE PROPER CLEARANCES BETWEEN INDIVIDUAL CONDUITS.
 - MAINTAIN MINIMUM 3'-0" COVER TO TOP OF DUCT BANK.
 - ALL FIELD SWEEPS LIMITED TO A MINIMUM OF 25' RADIUS.
 - ALL HORIZONTAL ELBOWS TO BE RIGID STEEL 90 DEGREE, 60" RADIUS, HOT DIPPED GALVANIZED (INCLUDING THREADS), THREADED BOTH ENDS WITHOUT COUPLINGS.
 - ALL VERTICAL ELBOWS TO BE RIGID STEEL 90 DEGREE, 36" RADIUS, HOT DIPPED GALVANIZED (INCLUDING THREADS), THREADED AT BOTH ENDS WITHOUT COUPLINGS AND
- WITH A 40 MIL PVC COATING APPLIED EXTERNALLY.
- ALL CONDUIT TO BE ENCASED IN A MINIMUM 3 INCH RED DYED CONCRETE ENVELOPE.
 - WHERE MINIMUM DUCT LINE DEPTH AND MINIMUM DESIGN CROSSING CLEARANCE FROM OTHER UTILITIES CAN NOT BE MET, INSTALL DUCT LINE UNDERNEATH THE CROSSING UTILITY.
 - INSTALL A 0.5 INCH STEEL PLATE OVER THE DUCT BANK WHENEVER IT CROSSES A WATERLINE. VARY THE LENGTH AND WIDTH OF THIS STEEL PLATE TO PROVIDE A 6 INCH OVERLAP OVER THE WATERLINE AND A 6 INCH OVERLAP OVER THE DUCT BANK.
 - TWO (2) STRIPS OF PLASTIC MARKING (ELECTRICAL) WARNING TAPE SHALL BE INSTALLED 18 INCHES BELOW FINAL GRADE ABOVE THE CONDUIT DUCT BANK ON EITHER SIDE AS SHOWN ON CONDUIT INSTALLATION DETAIL.
 - SIDEWALK AND STREETS TO BE RESTORED IN ACCORDANCE WITH CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS "PROCEDURES FOR WORK, PUBLIC RIGHTS-OF-WAY".
 - INSTALL AN 18 GAUGE NYLON CORD HAVING A MINIMUM BREAKING STRENGTH OF 170 LBS. IN EACH CONDUIT RUN.

REVISIONS				PWSA HIGHLAND PARK PUMP ~ NEW BUSINESS			
REV. NO.	DATE	BY	CHK.	REV. NO.	DATE	BY	CHK.
1	1/15/23	BR	APPROVAL: BR	1	1/10/2025	L. PERKS	1
TERMINAL BLOCK POLE & APPROVAL: BR				US CONSTRUCTION DRAWING			
1500 N. NEGLEE AVE. CITY OF PITTSBURGH, 11TH WARD				761379-T3			

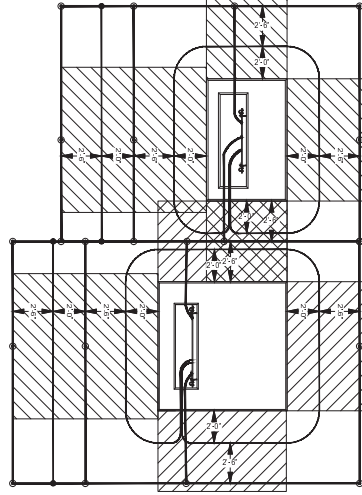


FNL DESIGN PA, INC.
1000 W. 10TH AVE.
PITTSBURGH, PA 15224
2024/2/23/168

MAP: F7-6
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DLM-5 GROUNDING DETAIL
N.T.S.



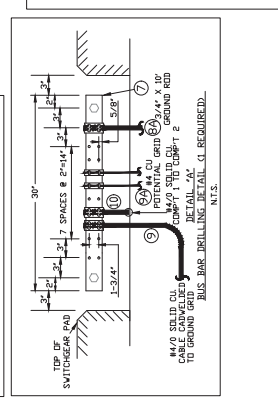
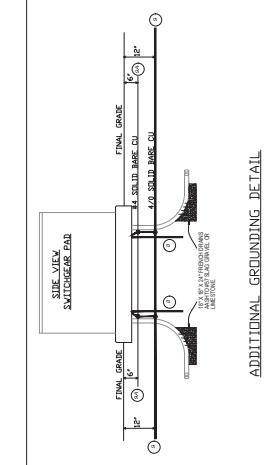
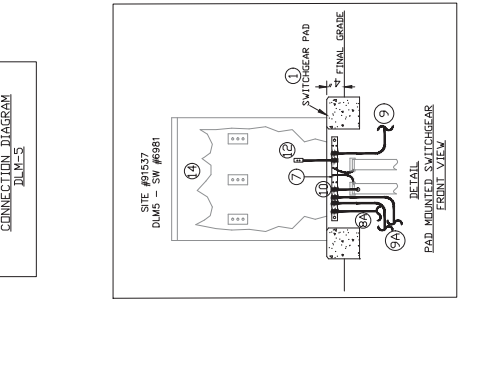
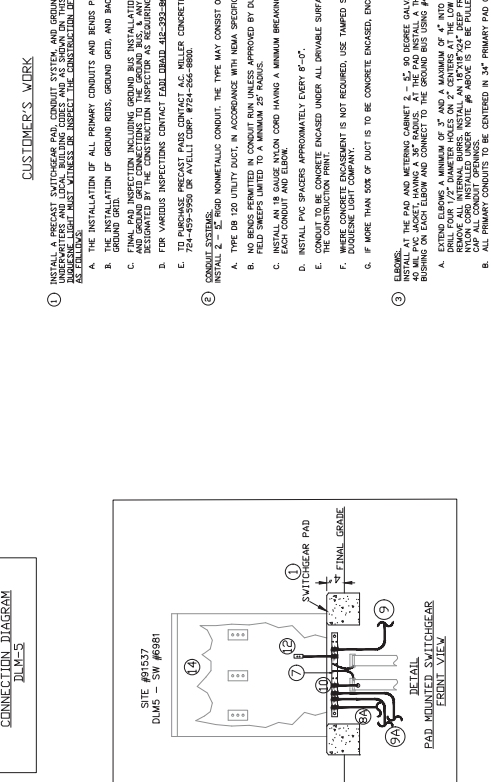
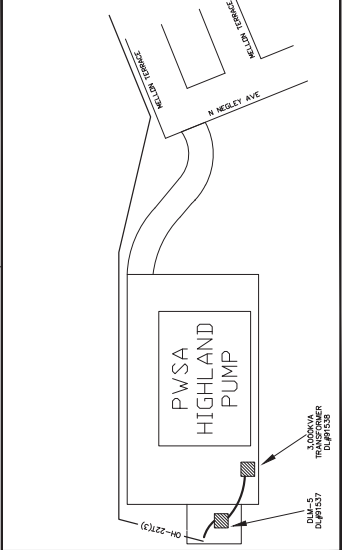
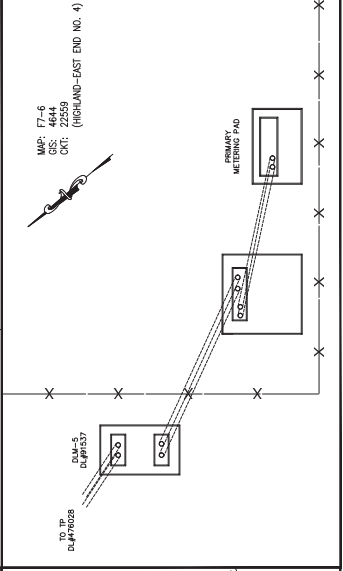
TRANSFORMER & METERING GROUNDING DETAIL
N.T.S.

- LEGEND**
- 3/4" X 10' COPPERWELD GROUND ROD DRIVEN TO A MINIMUM DEPTH OF 9'-0" WITH EXOTHERMIC WELDS. (THIRTY FIVE REQUIRED)
 - 3/4" X 10' COPPERWELD GROUND ROD FOR GROUND BUS ATTACHMENT. (SIX REQUIRED)
 - EXOTHERMIC WELD BETWEEN COPPER GROUND WIRES
 - 4/0 SOLID BARE COPPER GROUND WIRE
 - 12 INCHES DEEP
 - 6 INCHES DEEP
 - #4 BARE SOLID COPPER GROUND WIRE
 - 6 INCHES DEEP
 - CLEAR, STABLE, LEVEL AND UNOBSTRUCTED WORK SPACE.

RELATED DRAWINGS

761379-T1 ~ OH CONSTRUCTION DRAWING 1
761379-T2 ~ OH CONSTRUCTION DRAWING 2
761379-T3 ~ UG CONSTRUCTION DRAWING
761379-T4 ~ CABLE FULL DRAWING
761379-T5 ~ D2325 REMOVALS
761379-T6 ~ CIRCUIT RAY REVISION
761379-T7 ~ CIRCUIT RAY REVISION
761379-T8 ~ TRANSFORMER PAD DETAILS
761379-T9 ~ PRIMARY METERING PAD DETAILS
921767 ~ 22559 CIRCUIT EXTENSION DRAWINGS

REVISED CHG				DATE				BY				DATE				BY			
F. OBAND				12/9/2024				F. OBAND				12/9/2024				F. OBAND			
APPROVED				12/9/2024				12/9/2024				12/9/2024				12/9/2024			
PMSA HIGHLAND PARK PUMP ~ NEW BUSINESS				1500 N. NEBLEY AVE				CITY OF PITTSBURGH, 11TH WARD				EQUIPMENT GROUNDING DETAILS				761379-T7			
D				N.T.S.				20-0005				761379-T7				0			

[illegible]

- [illegible]

4. TRENCHING AND BACKFILLING:
 - A. ALL PRIMARY CONDUITS TO BE CENTERED IN 34" PRIMARY PAD COMPARTMENT.
 - B. ALL PRIMARY CONDUITS TO BE TRENCHED, BACKFILLED AND SURFACE RESTORATION. CUSTOMER TO PROVIDE ALL TRENCHING, BACKFILLING AND SURFACE RESTORATION.
5. A. NO BACKFILLING SHALL BEG UNIL THE PRIMARY ELECTRICAL CONDUIT SYSTEM HAS BEEN INSPECTED AND APPROVED BY DUCHENE LOUIS COMPANY.
6. B. BACKFILL WITH EARTH AND COMPACT. (BACKFILL SHALL CONTAIN NO ROCKS, STONES, ETC. OVER 2" IN DIAMETER).
7. C. INSTALL ELECTRICAL WARNING TAPE ABOVE CONDUIT.

RELATED DRAWINGS	
761379-11	~ OH CONSTRUCTION DRAWING 1
761379-12	~ OH CONSTRUCTION DRAWING 2
761379-13	~ UG CONSTRUCTION DRAWING
761379-14	~ CABLE PULL DRAWING
761379-15	~ D23625 REMOVALS
761379-16	~ CIRCUIT MAP REVISION
761379-17	~ EQUIPMENT GROUNDING DETAILS
761379-19	~ TRANSFORMER PAD DETAILS
761379-110	~ PRIMARY METERING PAD DETAILS
921767	~ 22559 CIRCUIT EXPANSION DRAWINGS

[illegible]

- I. REINFORCING BARS SHALL BE #8 BARS.
- II. REINFORCING BARS SHALL CONFORM TO ASTM-A-615, GRADE 60.
- III. REINFORCING BARS SHALL BE FABRICATED IN ACCORDANCE WITH A31-99.
- IV. MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 4,000 PSI IN 28 DAYS.
- V. REINFORCING BARS TO HAVE AT LEAST 1" OF COVER, UNLESS OTHERWISE NOTED.
- VI. CEMENT SHALL BE PORTLAND TYPE 1 OR 1A AND SHALL CONFORM TO ASTM-C-150 OR ASTM-C-175.
- VII. AGGREGATE SHALL CONFORM TO ASTM-C-33.
- VIII. TOP AND SIDES SHALL HAVE A SMOOTH FINISH.
- IX. CONSTRUCTION AND CURING OF PRECAST SHALL BE IN ACCORDANCE WITH A31-99-11.
- X. ALL JOINTS AND SEAMS SHALL BE COMPLETED IN 1" VERTICES UP TO FINISHED GRADE. BARRELS TO BE SOUND CONCRETE, FREE OF ORGANIC MATERIALS.
- XI. SOIL SHALL BE CAPABLE OF SUPPORTING AT LEAST 300 LBS PER SQUARE FOOT. IF ADEQUATE BEARING SOIL IS NOT ENCOUNTERED, CONSULT THE ENGINEERING DEPARTMENT OF DUCLOSSE LIGHT TOWER AUTHORITY.
- XII. REVISIONS REFERENCED IN THE ABOVE NOTES SHALL BE THE LATEST REVISION.

Technical drawing of a primary enclosure pad. The drawing shows a rectangular pad with a central rectangular area labeled "PRIMARY ENCLOSURE PAD". The overall dimensions of the pad are 7'-7" wide and 5'-11" high. The central area is 5'-6" wide and 2'-11" high. The distance from the center to the outer edge is 1'-10" on the top and bottom, and 1'-6" on the sides. The distance from the center to the outer edge is 2'-0" on the left and right. The drawing also shows a "BOLLARD" at the bottom left corner, a "POST AND CHAIN BARRIER REQUIRED IF EDGE OF CURB IS LESS THAN 5' FROM PAD" along the bottom edge, and an "EXOTHERMIC WELD" at the bottom right corner. The drawing is labeled "#1 SOFT DRAWING, SOLID COPPER WIRE (GROUND GRID)".

CONFORM TO A PRIMARY METERS ENGINEERING LOCAL BUILDING CODE AND GROUNDING SYSTEM TO CONDUCT TO UNDERMETERS'S AND LOCAL BUILDING CODE AS SHOWN ON THIS DRAWING. DUESHENSE LIGHT WITNESSES ON INSPECT THE CONSTRUCTION OF THIS INSTALLATION AS FOLLOWS:

THE INSTALLATION OF CONDUITS, AND BENDS PRIOR TO BACKFILLING.

THE INSTALLATION OF CONCRETE FORMS AND REINFORCING BAR MATS PRIOR TO CONCRETE POUR (IF NECESSARY).

THE INSTALLATION OF GROUND RODS, POTENTIAL GRID, AND BACKFILLING OVER THE GRIDS.

THE INSTALLATION OF GROUND RODS, POTENTIAL GRID, AND BACKFILLING OVER THE GRIDS.

THE CONTRACTORS TO GROUND RODS, ANY OTHER ITEMS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT AS REQUIRED BY THE CITY OF CHICAGO AND ANY OTHER CITY OR COUNTY INSPECTOR AS REQUIRED BY INSPECTIONS.

FOR VARIOUS INSPECTIONS CONTACT E&B GROUP INC. (412) 302-8613. A MINIMUM OF (2) DAYS PRIOR TO INSPECTION DATE.

TO PURCHASE PRECAST PAVING CONTACT "A.C. MILLER CONCRETE PRODUCTS" (972)-659-5950

CUSTOMER TO PROVIDE ALL TRENCHING, BACKFILLING AND SURFACE RESTORATION.

A.) NO BACKFILLING SHALL BEGIN UNTIL THE PRIMARY ELECTRICAL CONDUIT SYSTEM HAS BEEN INSPECTED AND APPROVED BY DUESHINE LIGHT COMPANY.

B.) BACKFILL WITH EARTH AND COMPACT. (BACKFILL SHALL CONTAIN NO ROCKS, STONES, ETC. OVER 2" IN DIAMETER).

C.) INSTALL ELECTRICAL WARNING TAPE ABOVE CONDUIT.

CONTACT:
PAUL PIETROPOLLO @ (412) 393-2741.

5. INSTALL A #4 SOFT DRAWN SOLID COPPER WIRE POTENTIAL GRID CONTINUOUSLY AROUND PAD. CONNECT POTENTIAL GRID TO EACH END OF GROUND BUS WITH A DOUBLE EYE BOLT CONNECTOR SIMILAR TO TELEPHONE PENN-UNION TYPE LON-025N. QUAKESITE LIGHT COMPANY MUST INSPECT THE GROUND GRID PRIOR TO BACKFILLING. BACKFILL WITH A MINIMUM COVER OF 4" OF TAMPED EARTH. THE INSTALLATION MAY BE DONE AFTER THE PAD IS CONSTRUCTED BY INSTALLING A PIECE OF 1-1/2" DIA. RIGID CONDUIT UNDER THE PAD FOR SUBSEQUENT GROUND GRID INSTALLATION.

REPRODUCTION OF THE JOURNAL

⑧ CONNECT EACH PIECE OF 4/0 COPPER WIRE FROM EACH GROUND ROD TO THE BUS WITH A DOUBLE EYEBOLT TYPE CONNECTOR SIMILAR TO THE TELEDYNE PENN-UNION TYPE LDN-050N. ALTERNATE CONNECTORS MUST BE APPROVED BY DUQUESNE LIGHT COMPANY PRIOR TO INSTALLATION.

- 3 THE COPPER BARS AND BUS WILL COME ATTACHED TO THE METERING ENCLOSURE. MAKE ALL GROUNDING CONNECTIONS AS SPECIFIED BY THE EQUIPMENT MANUFACTURER.
- 4 INSTALL AT THE PAD AND STRUCTURE 2 NO. 60 DEGREE GALVANIZED STEEL ELDORNS WITH INSULATED GRONDING BUSHINGS ON EACH END AND CONNECT TO THE GROUNDS BUS USING CONDUCTOR SIMILAR TO BLEEDING PENN-TYPE LINE-CON.
- 5 FOUND 77 MILLIMETERS A MINIMUM OF 7' FROM THE LOW POINT OF EACH ELDORN. REMOVE ALL INTERNAL BURRS AND INSTALL AN 8" X 12" X 3" DEEP FRENCH DRAIN. INSTALL AN ISOLATION VALVE IN THE DRAIN LINE. MAKE SURE THERE IS NO LEAKAGE OF WATER OR CONDENSATE IN ALL COMPONENTS. CAP ALL CONDRIAT/ELECTRIC PENN-TYPE LINE-CON.

NOTE: SEE DWG: 761379-T3 FOR CONDUIT INSTALLATION DETAILS.

NOTE: SEE DWG: 761379-T3 FOR CONDUIT INSTALLATION DETAILS.

EXTEND ELBOWS A MINIMUM OF 3" AND A MAXIMUM OF 4" INTO THE PAD OPENING. DRILL FOUR 1/2" DIAMETER HOLES ON 2" CENTERS AT THE LOW POINT OF EACH ELBOW. REMOVE ALL INTERNAL BURGERS AND INSTALL AN 18"x18"x24" DEEP FRENCH DRAIN. INSTALL AN 8 GAUGE NYLON PULL CORD CAPABLE OF WITHSTANDING 1700 LBS OF TENSION IN EACH ELBOW AND CONDUIT IN ALL COMPARTMENTS. CAP ALL CONDUITS 25' BOW CORNUSES.

NO BACKFILLING OF ELECTRICAL INSTALLATION SHALL BE DONE UNTIL INSTALLATION HAS BEEN INSPECTED AND APPROVED BY DULLESNE LIGHT COMPANY.

ALL BELOW GRADE GROUNDING CONNECTIONS MUST BE EXOTHERMICALLY WELDED.

IN COMPLIANCE WITH ACT 38, THE COMMONWEALTH OF PA, THE CUSTOMER'S CONSULTING ENGINEER IS TO FURNISH TO THE INSTALLER A LOCATION OF EXISTING UNDERGROUND FACILITIES IN THE VICINITY OF THE PROPOSED UNDERGROUND CONSTRUCTION.

CONCRETE PAD MUST BE ALLOWED A MINIMUM OF SEVEN DAYS CURING TIME PRIOR

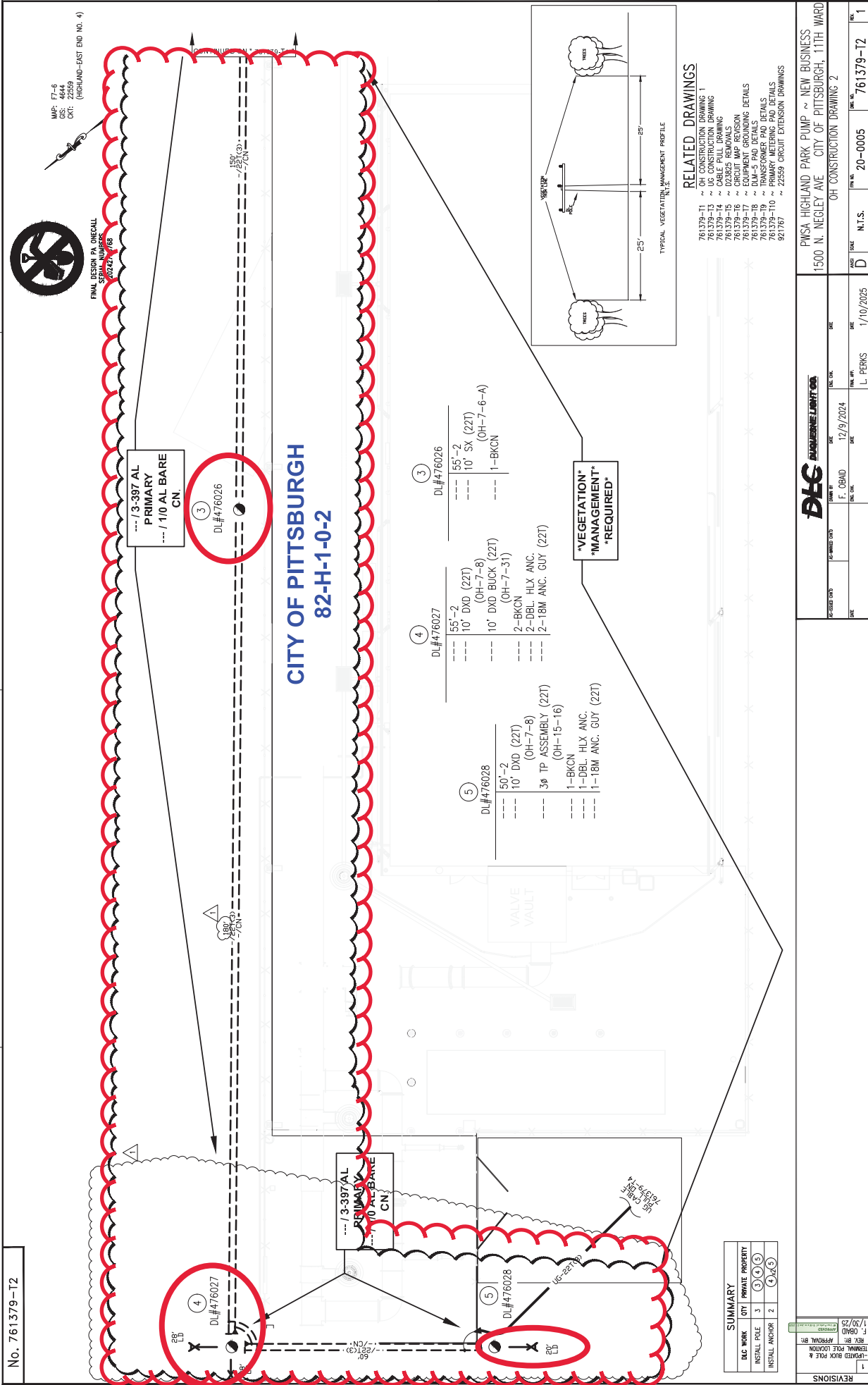
DUQUESNE LIGHT COMPANY IS TO HAVE RIGHT OF INGRESS AND EGRESS AT ALL TIMES. DUQUESNE LIGHT COMPANY IS TO BE ABSOLVED FROM ALL PROPERTY DAMAGE DUE TO NON-NEGLIGENT INGRESS OR EGRESS OF DUQUESNE LIGHT COMPANY PERSONNEL OR EQUIPMENT.

UNOBLSTRUCTED ACCESS WAY CAPABLE OF HS20-44 (32,000 POUNDS PER AXLE) TRUCK LOADING SHALL BE PROVIDED AND PERMANENTLY MAINTAINED BY THE CUSTOMER.

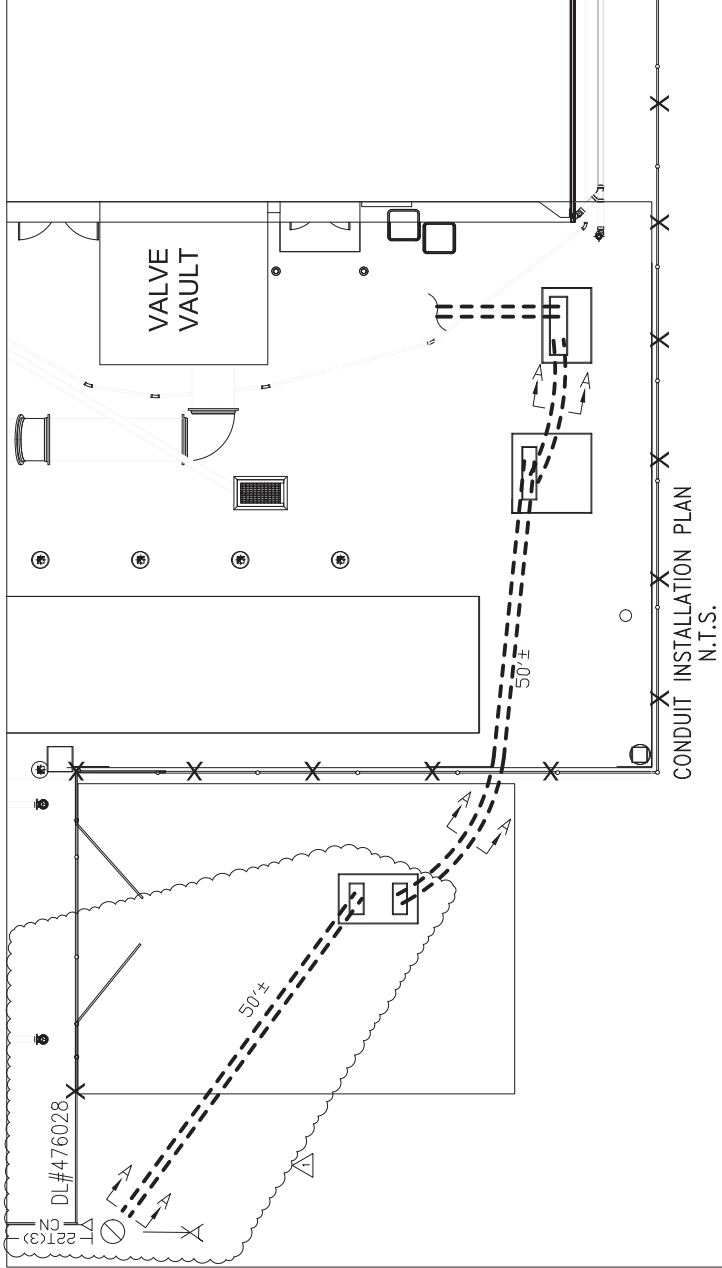
761379-11	OH CONSTRUCTION DRAWING 1
761379-12	OH CONSTRUCTION DRAWING 2
761379-13	UG CONSTRUCTION DRAWING
761379-14	CABLE PLD. DRAWING
761379-15	D23835 REMOVALS
761379-16	CIRCUIT MAP REVISION
761379-17	EQUIPMENT GROUNDING DETAILS
761379-18	DLM-5 PAD DETAILS
761379-19	TRANSFORMER PAD DETAILS
921767	225599 CIRCUIT EXTENSION DRAWINGS

[illegible]

No. 761379-T2



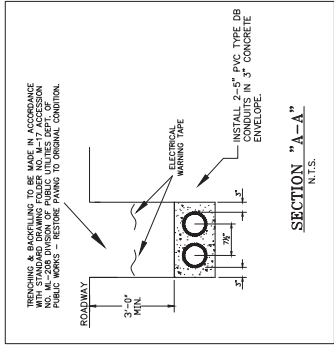
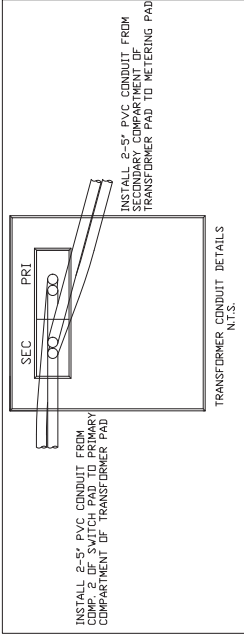
PWSA HIGHLAND PARK PUMP ~ NEW BUSINESS		1500 N. NEBLEY AVE ~ CITY OF PITTSBURGH, 11TH WARD		OH CONSTRUCTION DRAWING 2	
DL#476026		DL#476027		DL#476028	
F. OBAND		F. OBAND		F. OBAND	
12/9/2024		12/9/2024		12/9/2024	
1/10/2025		1/10/2025		1/10/2025	
L. PERKS		L. PERKS		L. PERKS	
N.T.S.		N.T.S.		N.T.S.	
20-0005		20-0005		20-0005	
761379-T2		761379-T2		761379-T2	



FINAL DESIGN BY ONECALL
CITY OF PITTSBURGH
2024/03/28



MAP: F7-6
OS: 4644
DKT: 22559
(HIGHWAY-EAST END NO. 4)



REFERENCE MATERIAL AND DRAWING

7500002 STANDARD CONSTRUCTION SPECIFICATION FOR DUQUESNE LIGHT COMPANY ELECTRICAL DUCTBANKS

- CONDUIT CONSTRUCTION NOTES
1. CONTACT DUQUESNE LIGHT CO. REPRESENTATIVE (EADL OBAID 412-393-8615) TO INSPECT CONDUIT PRIOR TO CONCRETE ENCASEMENT AND BACKFILL.
 2. CONDUIT TO BE 3" PVC TYPE DB-120 AND 5" RIGID STEEL, HOT DIPPED GALVANIZED (WHERE SPECIFIED) INSTALLED IN ACCORDANCE WITH DUQUESNE LIGHT SPECIFICATION 7500002 REV. D.
 3. INSTALL MANUFACTURED INTERLOCKING PLASTIC SPACERS ON 5 TO 8 FOOT CENTERS TO MAINTAIN THE PROPER CLEARANCES BETWEEN INDIVIDUAL CONDUITS.
 4. MAINTAIN MINIMUM 3'-0" COVER TO TOP OF DUCT BANK.
 5. ALL FIELD SWEEPS LIMITED TO A MINIMUM OF 25' RADIUS.
 6. ALL HORIZONTAL ELBOWS TO BE RIGID STEEL 90 DEGREE, 60" RADIUS, HOT DIPPED GALVANIZED (INCLUDING THREADS), THREADED BOTH ENDS WITHOUT COUPLINGS.
 7. ALL VERTICAL ELBOWS TO BE RIGID STEEL 90 DEGREE, 36" RADIUS, HOT DIPPED GALVANIZED (INCLUDING THREADS), THREADED AT BOTH ENDS WITHOUT COUPLINGS AND

- RELATED DRAWINGS
- 761379-T1 ~ OH CONSTRUCTION DRAWING 1
 - 761379-T2 ~ OH CONSTRUCTION DRAWING 2
 - 761379-T3 ~ CABLE PULL DRAWING
 - 761379-T5 ~ D32525 REMOVALS
 - 761379-T6 ~ CIRCUIT MAP REVISION
 - 761379-T7 ~ EQUIPMENT GROUNDING DETAILS
 - 761379-T8 ~ CONDUIT AND DUCT BANK DETAILS
 - 761379-T9 ~ TRANSFORMER PAD DETAILS
 - 761379-T10 ~ PRIMARY METERING PAD DETAILS
 - 921767 ~ 22559 CIRCUIT EXTENSION DRAWINGS

REVISIONS				PWSA HIGHLAND PARK PUMP ~ NEW BUSINESS			
REV. NO.	DATE	BY	CHK.	REV. NO.	DATE	BY	CHK.
1	1/15/23	BR	APPROVAL: BR	1	1/10/2025	L. PERKS	1
TERMINAL BLOCK POLE & APPROVAL: BR				US CONSTRUCTION DRAWING			
1500 N. NEGLEE AVE CITY OF PITTSBURGH, 11TH WARD				D N.T.S. 20-0005 761379-T3			

