

MEMORANDUM

To: Acting Director Chris Hornstein - Public Works

Director Sarah Kinter - PLI

Director Doug Anderson-Finance

Anthony Bilan - Law

From: Director Karina Ricks

CC: Jen Massacci Jeff Skalican for Karina Ricks

Date: July 1, 2021

Re: Encroachment Permit

We have a request for an encroachment permit at 429 Forbes Avenue in the 2nd Ward, 6th Council District, as shown on the attached plan. A copy of the request is also attached.

Mahi

429 FORBES ASSOCIATES LLC, is proposing to re-construct, an existing electrical vault. Kindly let us know if you have objection to this request.

KR/JM

Attachments





July, 2021

President and Members City Council City of Pittsburgh

RE: 429 FORBES AVENUE ENCROACHMENT

Dear President and Members of City Council:

We have a request for an encroachment permit at 429 Forbes Avenue in the 2nd Ward, 6th Council District, as shown on the attached plan. A copy of the request is also attached.

429 FORBES ASSOCIATES LLC, is proposing to re-construct, an existing electrical vault.

Your favorable approval of this proposed Resolution is hereby recommended.

Sincerely,

Deputy Director

effrey skalican for Karina Ricks, Director

KR:JM Attachments

611 William Penn Place 325 Chestnut Street

Suite 700 Suite 909

Pittsburgh, PA 15219 Philadelphia, PA 19106

412.263.3800 215.440.0190

www.stradallc.com



January 21, 2021

Karina Ricks 414 Grant St Pittsburgh, PA 15219

Dear Director Ricks,

I am writing on behalf of 429 Forbes – FORBES ASSOCIATES, LLC, building owner of 429 Forbes Ave (aka The Allegheny Building), regarding a proposed encroachment on Scrip Way. This proposed encroachment concerns the installation of below-grade transformer equipment provided and installed by Duquesne Light Company.

The proposed areas of work are both below-grade and at-grade. The below-grade work occurs within the space of an existing vault, and entails installation of new helical piers and new reinforced concrete masonry unit bearing walls. The at-grade work entails installation of a new concrete slab, with openings for gratings and hatches. The top-of-slab comprises the new roadway surface in Scrip Way.

Included in this application submission are the following drawings and documents:

- Scaled site plan
- Property Survey
- Structural drawings of proposed encroachment
- DLC equipment drawings
- Approval letter from DLC

Thank you in advance for your consideration of this application. If any additional information is required, feel free to contact me at 412.246.2837 or ifishman@stradallc.com.

Sincerely yours,

Ian Fishman, RA Architect Strada LLC

WILLIAM PEDUTO MAYOR



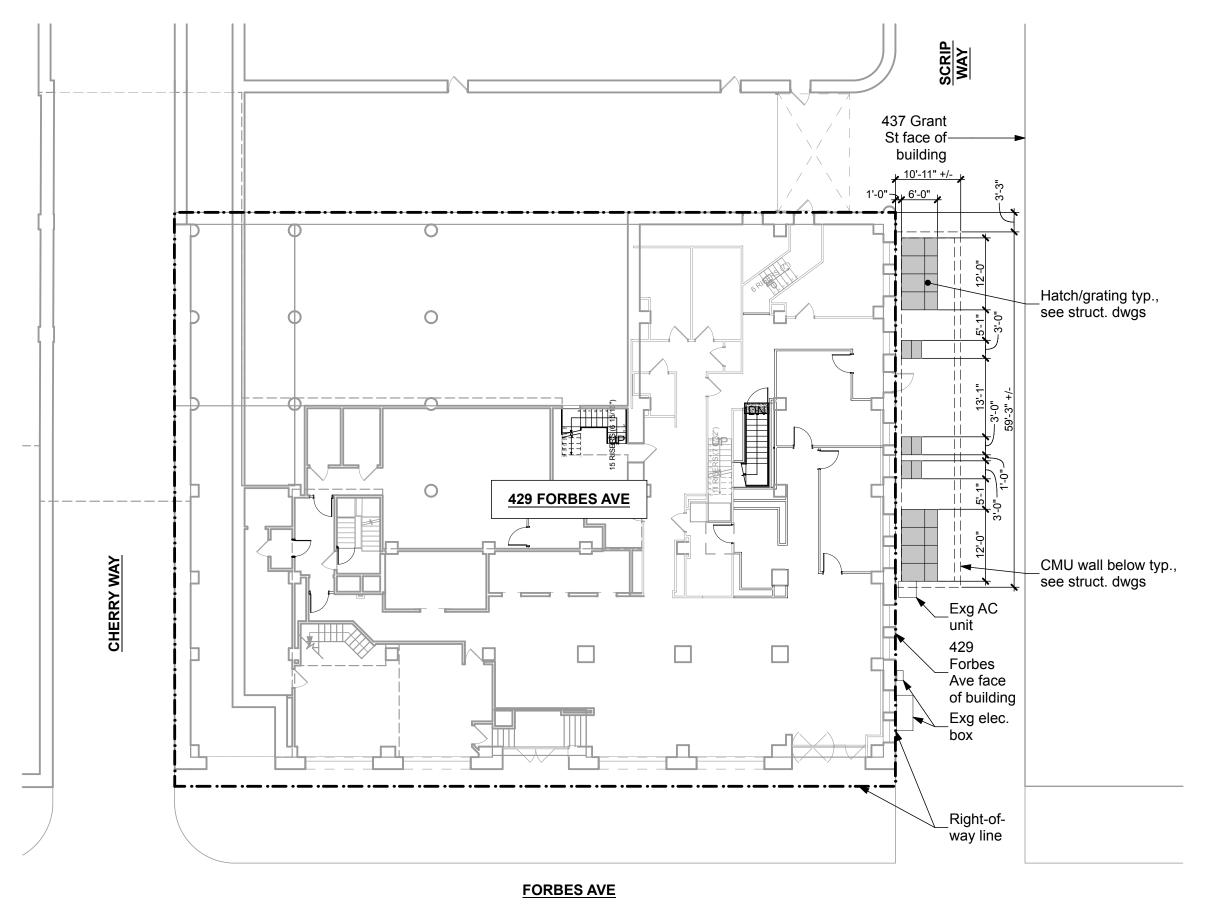
CITY OF PITTSBURGH

DEPARTMENT OF MOBILITY & INFRASTRUCTURE

CITY-COUNTY BUILDING

Application for an Encroachment on City Dedicated Right-Of-Way

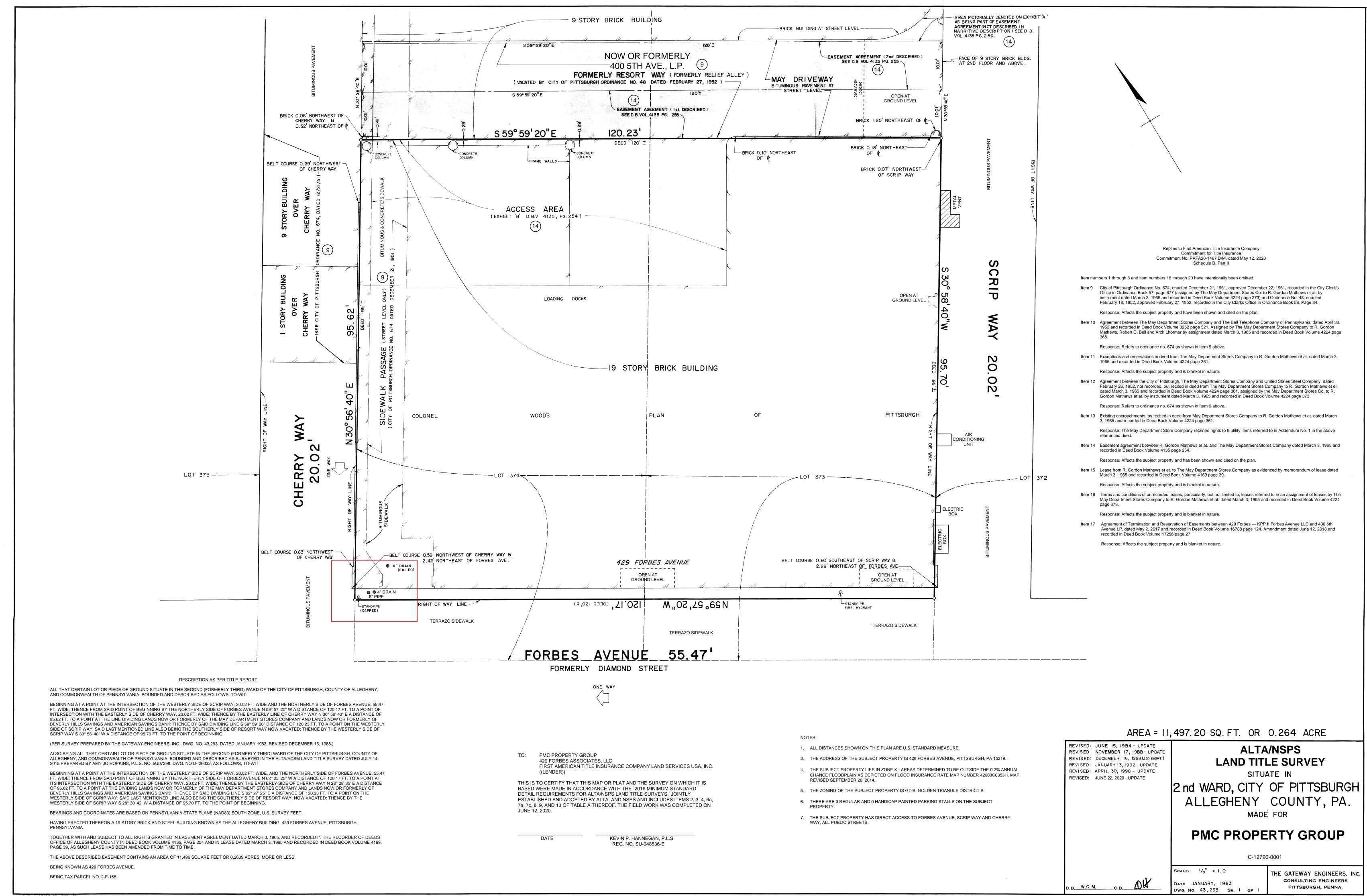
Date							
Applicant Name_Ian Fishman							
Guido Milano, c/o Property Owner's Name (if different from Applicant) 429 Forbes - FORBES ASSOCIATES, LLC							
Address_1608 Walnut Street, Suite 1400, Philadelphia, PA 19103							
Phone Number: 267-414-9545 Alternate Phone Number:							
Location of Proposed Encroachment: Scrip Way, between Forbes Ave and Fifth Ave							
Ward: 2 Council District: 6 Lot and Block 2-E-155							
What is the properties zoning district code? GT-B (zoning office 255-2241)							
Planning/Zoning Case OneStop Number (if applicable) _ZDRDCP-ZDR-2020-05367							
Is the existing right-of-way, a street or a sidewalk? Street							
Width of Existing Right-of-Way (sidewalk or street): 20' +/- (Before encroachment)							
Length of Existing Right-of-Way (sidewalk or street): 95.70' (Before encroachment)							
Width of Proposed Encroachment: 10'-11"+/-							
Length of Proposed Encroachment: 59'-3" +/-							
Number of feet the proposed object will encroach into the ROW: 10'-11"+/-							
Description of encroachment: Below-grade structural improvements to existing utility vault. At-grade restructuring of roadway surface, addition of hatch and grating openings in roadway for access to utility vault.							
This encroachment request pertains to the proposed restructuring of an existing							
below-grade vault. This restructuring is in conjunction with proposed use of the vault to							
house electrical utility transformer equipment to serve 429 Forbes Ave.							



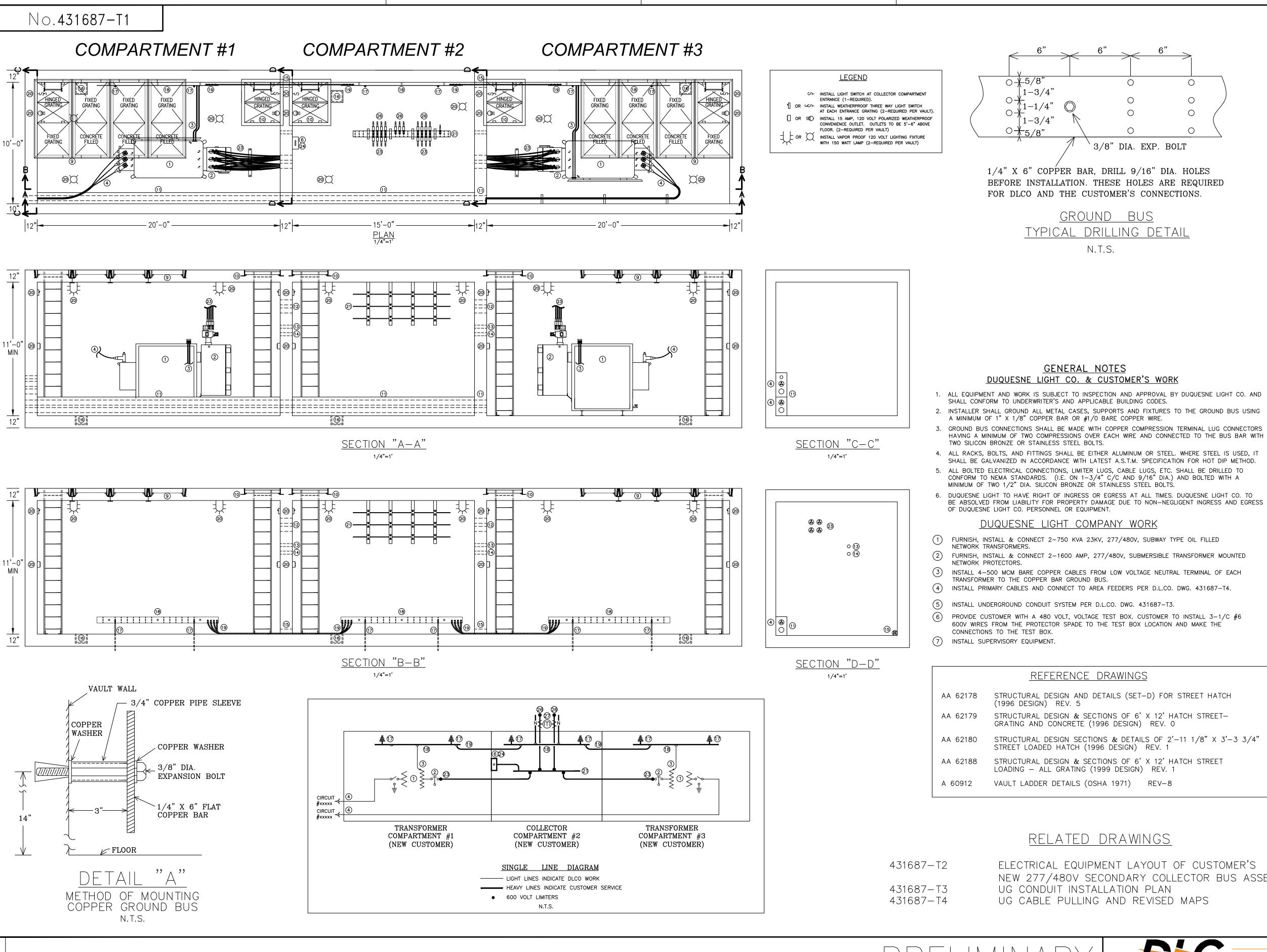
PLAN NORTH

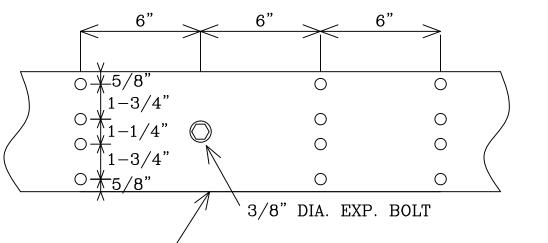
SCALE: 1/16" = 1'-0"





G. & W. LEACH CO. PGH., PA.





1/4" X 6" COPPER BAR, DRILL 9/16" DIA. HOLES BEFORE INSTALLATION. THESE HOLES ARE REQUIRED FOR DLCO AND THE CUSTOMER'S CONNECTIONS.

> <u>GROUND</u> BUS TYPICAL DRILLING DETAIL N.T.S.

> > GENERAL NOTES

DUQUESNE LIGHT CO. & CUSTOMER'S WORK

DUQUESNE LIGHT COMPANY WORK

REFERENCE DRAWINGS

GRATING AND CONCRETE (1996 DESIGN) REV. 0

STREET LOADED HATCH (1996 DESIGN) REV. 1

LOADING - ALL GRATING (1999 DESIGN) REV. 1

VAULT LADDER DETAILS (OSHA 1971) REV-8

STRUCTURAL DESIGN & SECTIONS OF 6' X 12' HATCH STREET-

STRUCTURAL DESIGN & SECTIONS OF 6' X 12' HATCH STREET

RELATED DRAWINGS

UG CABLE PULLING AND REVISED MAPS

UG CONDUIT INSTALLATION PLAN

STRUCTURAL DESIGN SECTIONS & DETAILS OF 2'-11 1/8" X 3'-3 3/4"

ELECTRICAL EQUIPMENT LAYOUT OF CUSTOMER'S

NEW 277/480V SECONDARY COLLECTOR BUS ASSEMBLY

SHOWN DRAFT CHK'D

(1996 DESIGN) REV. 5

LOCATION PLAN

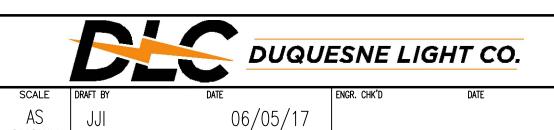
NTS

CUSTOMER'S WORK

- (8) CONSTRUCT A THREE COMPARTMENT (TRANSFORMER-SECONDARY) VAULT WITH NECESSARY HATCHES, LADDERS, SUMP, CONDUITS, ETC. TO CONFORM TO UNDERWRITER'S AND LOCAL BUILDING CODES AND AS SHOWN ON APPLICABLE DUQUESNE LIGHT COMPANY DRAWINGS.
- (9) PROVIDE AND INSTALL A 6'-0" X 12'-0" HEAVY STREET LOADING HATCH PER DLCO DWGS. AA 62178, AA 62179, & AA 62188 AND A VAULT LADDER PER DLCO DWG. A 60912. (2-REQUIRED)
- PROVIDE AND INSTALL A 2'-11" X 3'-4" HEAVY STREET LOADING HATCH PER DLCO DWG. AA 62180 AND A VAULT LADDER PER DLCO DWG. A 60912. (3-REQUIRED)
- (11) INSTALL 4-5" NONMETALLIC CONDUITS & 1-3" NONMETALLIC CONDUIT THROUGH BUILDING BASEMENT TO VAULTS. 2-5" & 1-3" CONDUIT TO TERMINATE IN COMPARTMENT #1. 2-5" CONDUIT TO EXTEND THROUGH COMPARTMENTS #1 & #2 AND TERMINATE IN COMPARTMENT #3. CONDUIT TO BE ENCASED IN A MINIMUM 3" CONCRETE ENVELOPE.
- (12) INSTALL 4-5" NONMETALLIC CONDUITS THROUGH WALL FROM TRANSFORMER COMPARTMENTS #1 & #3 TO COLLECTOR COMPARTMENT #2 FOR PROTECTOR TO COLLECTOR BUS TIES. (2-LOCATIONS)
- (13) INSTALL 1-3" NONMETALLIC CONDUIT THROUGH WALL FOR D.L.CO. SUPERVISORY CABLES. (2-LOCATIONS, SEE SECTION "D-D").
- (14) INSTALL 1-3" NONMETALLIC CONDUIT THROUGH WALL FOR VAULT LIGHTING & OUTLETS.
- (2-LOCATIONS, SEE SECTION "D-D").
- (15) INSTALL 1-5" NONMETALLIC CONDUIT THROUGH WALL FOR CONTINUOUS GROUND BUS TIES. (2-LOCATIONS, SEE SECTION "D-D")
- INSTALL A 10" X 10" X 6" DEEP SUMP WITH AN ALUMINUM COVER PLATE AND NYLON CHAIN, ATTACH CHAIN 5'-6" ABOVE FLOOR. (3-LOCATIONS)
- (17) INSTALL A 3/4" X 10' COPPERWELD GROUND ROD DRIVEN TO A DEPTH OF 8'-10", TWO
- GROUND RODS PER COMPARTMENT (6-REQUIRED). (18) INSTALL A 1/4" X 6" COPPER BAR GROUND BUS CONTINUOUS THROUGH VAULTS.
- CONNECT GROUND BUS TO EACH GROUND ROD WITH A DOUBLE EYEBOLT TYPE CONNECTOR SIMILAR TO TELEDYNE PENN-UNION TYPE LDN-050N. ALTERNATE TYPE CONNECTIONS MUST BE APPROVED BY THE DLCO PRIOR TO INSTALLATION, MOUNT GROUND BUS TO VAULT WALL PER DETAIL "A".
- (19) INSTALL 4-500 MCM BARE STRANDED COPPER CABLES FOR CONTINUOUS BUS IN VAULT AND BETWEEN VAULTS. 4-TWO BOLTED CONNECTIONS ARE REQUIRED AT EACH END. (2-LOCATIONS)
- INSTALL 120 VOLT VAPOR PROOF, VAULT LIGHTING FIXTURES, SWITCHES, AND RECEPTACLES (SEE LEGEND).
- INSTALL A 277/480 VOLT SECONDARY COLLECTOR BUS ASSEMBLY CONSISTING OF ONE 1/2" X 6" X 8'-0" COPPER BUS BAR PER PHASE. (SEE DRAWING 431687-T2 FOR DETAILS)
- (22) UPON COMPLETION OF ITEMS 8 THROUGH 21 THE CUSTOMER SHALL NOTIFY THE DUQUESNE LIGHT COMPANY SO THAT THE COMPLETE ENCLOSURE MAY BE INSPECTED PRIOR TO INSTALLATION OF DUQUESNE LIGHT COMPANY EQUIPMENT. CONTACT JASON IACCONI AT DLCO (412-393-4909) FOR INSPECTION OF CUSTOMER'S VAULT WORK.
- (23) INSTALL A PROTECTOR TO COLLECTOR BUS TIE AT VAULTS #1 & #3 CONSISTING OF 4-500 MCM, 600 VOLT, RHW OR THW COPPER CABLES PER PHASE (2-LOCATIONS). INSTALL 600 VOLT LIMITER LUG ASSEMBLIES AT BOTH ENDS OF ALL PHASE CONDUCTORS, (CONNECT TO COLLECTOR BUS AS INDICATED). INSTALL INSULATED SECONDARY SUPPORT BRACKETS WHERE REQUIRED. DO NOT MAKE ANY CONNECTIONS TO THE LOW VOLTAGE NEUTRAL SPADE OF THE TRANSFORMERS
- INSTALL A 20ft LONG SECTION OF 3-1/C-#6 600 VOLT RHW OR THW COPPER WIRE FROM PROTECTOR TO THE VOLTAGE TEST BOX. (D.L.CO. WILL PROVIDE A VOLTAGE TEST BOX. CUSTOMER TO INSTALL TEST BOX AND CONNECT THE #6 WIRE TO THE TEST BOX) SEE NOTE 6
- ALL CUSTOMER WIRING, SUPPORTS, ETC. IN THE <u>TRANSFORMER VAULTS</u> MUST BE INSTALLED A MINIMUM OF 7'-0" ABOVE THE VAULT FLOOR TO PROVIDE HEADROOM FOR MOVEMENT OF DUQUESNE LIGHT COMPANY EQUIPMENT AND PERSONNEL.
- INSTALL N.E.C. REQUIRED SIZE AND NUMBER OF SERVICE CABLES AND INSTALL LIMITER LUG ASSEMBLIES AT BOTH ENDS OF CABLES.
- CONTACT DUQUESNE LIGHT COMPANY METER DEPARTMENT FOR INFORMATION CONCERNING TYPE AND LOCATION OF METERING EQUIPMENT. (412-393-8713)
- UPON INSPECTION AND APPROVAL BY THE DUQUESNE LIGHT COMPANY THE CUSTOMER SHALL TAPE ALL SECONDARY CONNECTIONS INSTALLED BY THE CUSTOMER. (SEE TAPING NOTE ON ON DRAWING 431687—T2). CUSTOMER SHALL NOTIFY DUQUESNE LIGHT COMPANY UPON COMPLETION OF TAPING SO THAT A FINAL INSPECTION CAN BE MADE. CONTACT JASON IACCON AT DLCO (412-393-4909)
- CUSTOMER TO MAINTAIN A 20' VERTICAL CLEARANCE ABOVE VAULTS FOR INSTALLATION AND REPLACEMENT OF DUQUESNE LIGHT COMPANY EQUIPMENT.

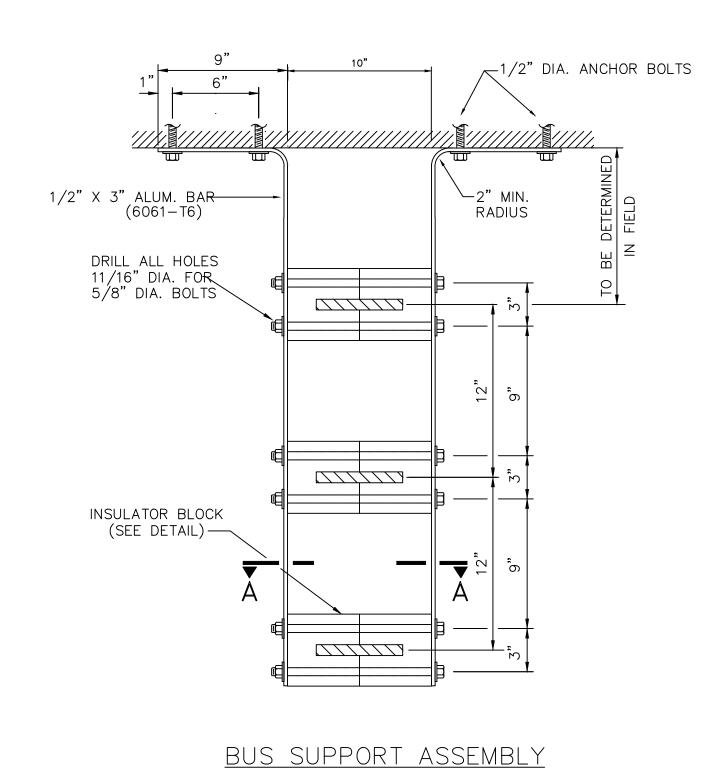
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SUBJECT TO REVISION

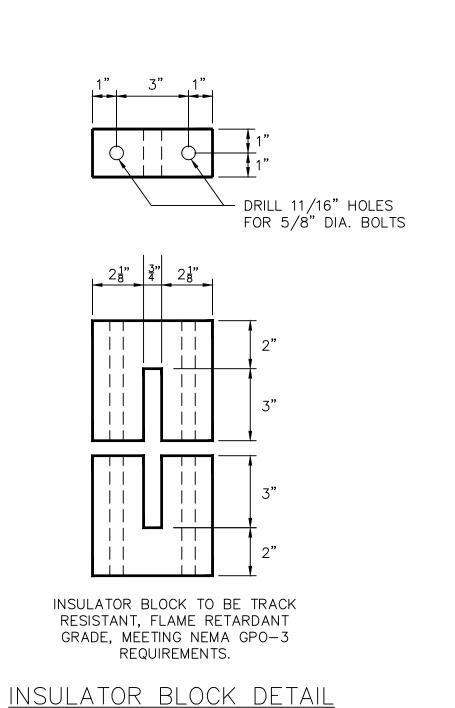


NEW 277/480V NETWORK SERVICE VAUL

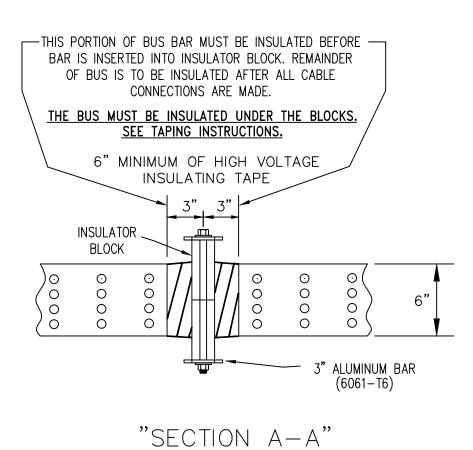
No.431687-T2



N.T.S.



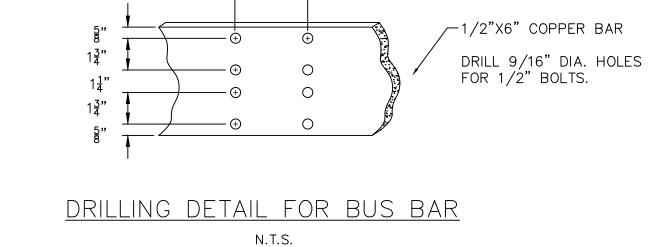
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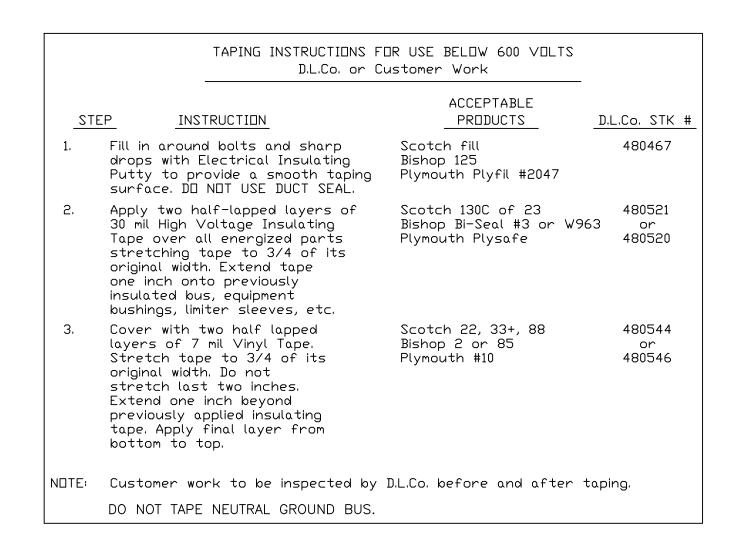


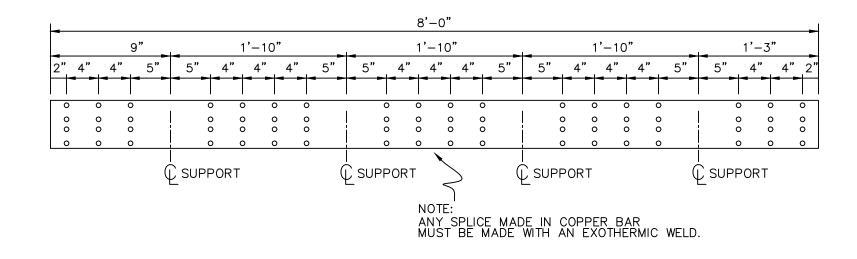
SECONDARY BUS TAPING AT

INSULATING BLOCKS DETAIL

N.T.S.



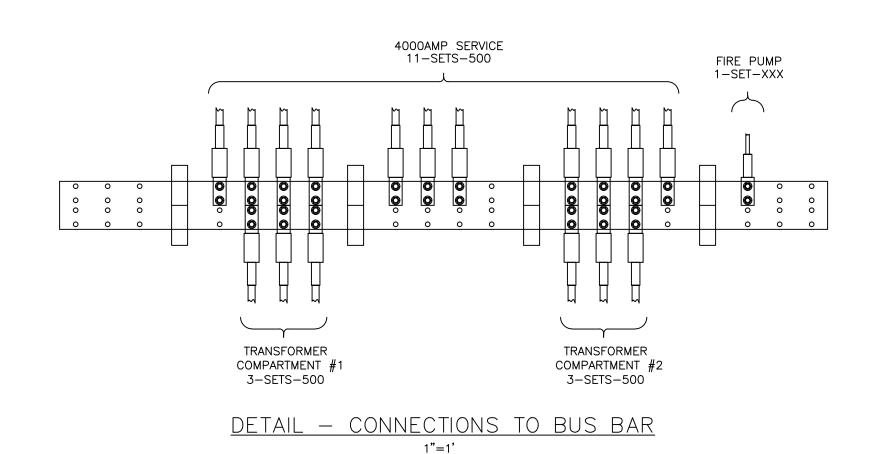




DETAIL—SECONDARY 8'-0" BUS BAR

(3) 1/2" X 6" CU BARS REQ'D. (CUSTOMER'S WORK)

1"=1'



RELATED DRAWINGS

431687-T1 ELECTRICAL EQUIPMENT LAYOUT OF CUSTOMER'S NEW 277/480V NETWORK SERVICE VAULT

431687—T3 PERMIT AND CONDUIT CONSTRUCTION

431687-T4 CABLE PULLING PLAN AND REVISED CIRCUIT SCHEMATIC

PRELIMINARY

NOT FOR CONSTRUCTION

SUBJECT TO REVISION

	D Ł	DUQU	ESNE LIC	GHT CO.	ALLEHGEN		•	NETWORK VAULTS) , 2ND WARD, F	,	SERVICE
SCALE	DRAFT BY	DATE 06/05/17	ENGR. CHK'D	DATE	ELEO 27	TRICAL 7/480V			MER'S N ASSEMBL	EW Y
SHOWN	DRAFT CHK'D	DATE	FINAL APP.	DATE	A FPN.		-0005	DWG. NO. 431687	-T2	REV. NO.

DESIGN BUILDING CODE: A. INTERNATIONAL BUILDING CODE, 2009 (AS AMENDED BY THE CITY OF

100.2 GRAVITY LOADS: A. VAULT ROOF LIVE LOADS:

STREET (PER DUQUESNE LIGHT REQ'TS):

a. AASHTO; HL-93 TRUCK LOAD b. AASHTO; HL-93 TANDEM TRUCK LOAD c. AASHTO; HL-93 LANE LOAD_

GENERAL

THESE DRAWINGS HAVE BEEN PRODUCED ENTIRELY ON ATLANTIC ENGINEERING SERVICES CADD SYSTEM. ANY OTHER LETTERING, LINES OR SYMBOLS, OTHER THAN PROFESSIONAL STAMPS AND SIGNATURES, HAVE BEEN MADE WITHOUT THE AUTHORIZATION OF ATLANTIC ENGINEERING SERVICES AND ARE INVALID.

110.2 DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. ONLY DIMENSIONS INDICATED ON DRAWINGS MAY BE USED TO ESTABLISH THE LOCATION AND EXTENT OF STRUCTURAL WORK. IF A REQUIRED DIMENSION IS NOT FURNISHED ON DRAWINGS, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION TO OBTAIN THE DIMENSION.

UNLESS OTHERWISE INDICATED, PROVIDE EQUAL SPACING OF STRUCTURAL COMPONENTS BETWEEN OVERALL DIMENSIONS INDICATED ON DRAWINGS.

110.4 THE METHOD AND FREQUENCY OF ATTACHING MECHANICAL EQUIPMENT UNITS, ETC., TO THE STRUCTURAL ELEMENTS SHALL BE SUBJECT TO THE ENGINEER'S REVIEW AND APPROVAL.

110.5 UNLESS OTHERWISE INDICATED, STRUCTURAL COMPONENTS SUPPORTING MECHANICAL EQUIPMENT HAVE NOT BEEN DESIGNED FOR THE VIBRATIONAL EFFECTS OF THE EQUIPMENT. THE CONTRACTOR SHALL PROVIDE VIBRATION ISOLATORS FOR ANY MECHANICAL EQUIPMENT MOUNTED TO THE STRUCTURE IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

110.6 THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ETC., AND SHALL NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES, ADDITIONAL INFORMATION, ETC., BEFORE BEGINNING THE WORK.

THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE DEMOLITION OF EXISTING STRUCTURES. SUCH DEMOLITION SHALL BE PERFORMED IN SUCH A MANNER AS TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALL EXISTING STRUCTURES TO REMAIN. PROVIDE SHORING AS REQUIRED.

110.8 ALL STRUCTURAL WORK SHALL BE INSPECTED IN ACCORDANCE WITH THE BUILDING CODE AND ALL LOCAL ORDINANCES. THE OWNER SHALL ENGAGE AN EXPERIENCED, QUALIFIED INSPECTION AGENCY TO PERFORM ALL INSPECTION WORK, AS REQUIRED.

120.1 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY ATLANTIC ENGINEERING SERVICES. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL COMPONENTS INCLUDING, BUT NOT LIMITED TO, THE

A. REINFORCING STEEL FOR CONCRETE AND MASONRY B. CONCRETE AND/OR MASONRY POST-INSTALLED ANCHORS C. CONCRETE FORMWORK FOR STRUCTURAL CONCRETE MEMBERS

120.2 SHOP DRAWINGS TO BE SUBMITTED SHALL PROVIDE COMPLETE INFORMATION FOR THE PRODUCTS OR COMPONENTS TO BE SUPPLIED. SUBMITTAL INFORMATION SHALL INCLUDE. BUT NOT BE LIMITED TO: MEMBER SIZES AND DIMENSIONS; GRADES OF MATERIAL FURNISHED; MATERIAL PREPARATION REQUIRED; MATERIAL FINISH AND MATERIAL COATINGS TO BE FURNISHED; INFORMATION REGARDING CUTS, COPES, AND HOLES REQUIRED FOR OTHER TRADES; END CONNECTIONS; CAMBER AND OTHER DEVIATION FROM LINE; SPECIAL ERECTION AND/OR INSTALLATION PROCEDURES, INCLUDING REQUIREMENTS FOR TEMPORARY STABILIZATION.

ALL SHOP DRAWING RESUBMITTALS AND RECORD COPY SUBMITTALS SHALL HAVE ALL REVISIONS SUBSEQUENT TO THE PREVIOUS SUBMISSION CLOUDED OR OTHERWISE IDENTIFIED ON THE RESUBMITTED SHEETS. RESUBMITTALS AND RECORD COPY SUBMITTALS WITHOUT IDENTIFICATION OF REVISIONS WILL BE REJECTED WITHOUT REVIEW.

THE CONTRACTOR SHALL NOT DIRECTLY INCORPORATE THE STRUCTURAL DRAWINGS, OR PORTIONS THEREOF, INTO SHOP DRAWINGS OR ERECTION DRAWINGS TO BE SUBMITTED FOR THIS PROJECT WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF ATLANTIC ENGINEERING SERVICES. SUBMITTED SHOP DRAWINGS WHICH CONTAIN COPIES OR REPRODUCTIONS OF ANY PORTION OF THE STRUCTURAL DRAWINGS WITHOUT THE EXPRESS WRITTEN PERMISSION OF ATLANTIC ENGINEERING SERVICES WILL BE RETURNED REJECTED. PERMISSION FOR A SPECIFIC CONTRACTOR OR SUB-CONTRACTOR TO USE PORTIONS OF THE STRUCTURAL DRAWINGS IN THEIR PREPARATION OF SHOP DRAWINGS REQUIRES THAT CONTRACTOR OR SUB-CONTRACTOR TO ENTER INTO A WRITTEN AGREEMENT WITH ATLANTIC ENGINEERING SERVICES AND TO PAY A SERVICE FEE. SUCH AGREEMENT IS NON-TRANSFERRABLE AND IS EXTENDED ONLY TO THAT CONTRACTOR FOR THE DURATION OF THIS

THE CONTRACTOR SHALL SUBMIT ELECTRONIC COPIES OF SHOP DRAWINGS. ELECTRONIC COPIES SHALL BE SUBMITTED TO ATLANTIC ENGINEERING SERVICES IN ADOBE ACROBAT FILE FORMAT, WITH ONE (1) ELECTRONIC FILE PER PACKAGE SUBMISSION. ATLANTIC ENGINEERING SERVICES WILL PRINT, REVIEW, RE-SCAN THE REVIEWED SHOP DRAWINGS WITH ALL COMMENTS/NOTATIONS, AND RETURN ONE (1) ELECTRONIC PACKAGE TO THE CONTRACTOR.

THE REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS FOR THIS PROJECT IS FOR CONFORMANCE WITH THE DESIGN CONCEPT AND FOR GENERAL COMPLIANCE WITH THE INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS. COMMENTS REGARDING THESE SUBMITTALS DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

200. FOUNDATIONS - GENERAL

FOUNDATIONS HAVE BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH CRITERIA ESTABLISHED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. IN THEIR GEOTECHNICAL REPORTS DATED OCTOBER 7

200.2 NO BACKFILLING AGAINST FOUNDATION WALLS SHALL BE PERMITTED UNTIL SUPPORTING STRUCTURAL ELEMENTS HAVE BEEN PLACED AND HAVE BECOME CAPABLE OF FURNISHING THE NECESSARY SUPPORT FOR THE WALLS. PROVIDE TEMPORARY SHORING WHERE REQUIRED. WHERE BACKFILL IS REQUIRED ON BOTH SIDES OF THE WALL, BACKFILL BOTH SIDES SIMULTANEOUSLY WITH A GRADE DIFFERENCE NOT TO EXCEED 2'-0" AT ANY TIME. CONTRACTOR SHALL USE EXTREME CAUTION DURING BACKFILLING TO PREVENT DAMAGE TO FOUNDATION WALLS. THE USE OF HEAVY EQUIPMENT FOR BACKFILLING IS NOT RECOMMENDED.

200.3 THE CONTRACTOR SHALL OBSERVE WATER CONDITIONS AT THE SITE AND TAKE THE NECESSARY PRECAUTIONS TO ENSURE THAT THE FOUNDATION EXCAVATIONS REMAIN DRY DURING CONSTRUCTION. PROVIDE FOR DEWATERING AS NECESSARY.

200.4 THE CONTRACTOR SHALL USE EXTREME CAUTION DURING EXCAVATION. SUCH EXCAVATION SHALL BE PERFORMED IN SUCH A MANNER AS TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALL EXISTING STRUCTURES TO REMAIN. PROVIDE TEMPORARY SHORING AS REQUIRED.

200.5 CONCRETE SLABS ON GRADE HAVE BEEN DESIGNED TO BEAR ON COMPACTED SUBGRADE SOILS OR PROPERLY COMPACTED FILL.

PROVIDE FLEXIBLE SHEET MEMBRANE VAPOR RETARDER BETWEEN THE CONCRETE FLOOR SLAB AND THE COMPACTED BEARING SOILS. VAPOR RETARDER SHALL BE IN ACCORDANCE WITH ASTM E1745, CLASS A. INSTALL VAPOR RETARDER PER ASTM E1643. LAP JOINTS 6 INCHES AND SEAL WITH RECOMMENDED ADHESIVE TAPE.

220. HELICAL PIER FOUNDATIONS

220.1 HELICAL PIERS SHALL BE DESIGNED, FABRICATED, INSTALLED, AND TESTED IN ACCORDANCE WITH ICC-ES ACCEPTANCE CRITERIA 358 AND THE GEOTECHNICAL REPORT REFERENCED IN NOTE 200.1. THE GEOTECHNICAL EVALUATION, FOUNDATION DESIGN CRITERIA, AND RECOMMENDATIONS HAVE BEEN SOLELY PROVIDED THE GEOTECHNICAL ENGINEER OF RECORD.

220.2 HELICAL PIERS SHALL BE REQUIRED TO ACHIEVE AN ALLOWABLE (UNFACTORED) AXIAL LOAD CAPACITY OF 25,000 LBS. THE FACTOR OF SAFETY SHALL BE AT LEAST TWO (2) BASED ON TORQUE MONITORING.

220.3 HELICAL PIERS SHALL BE HOT-DIP GALVANIZED AND HAVE A MINIMUM ROUND SHAFT DIAMETER OF 2 7/8". GEOTECHNICAL ENGINEER SHALL DETERMINE IF PILE SHAFT CONNECTIONS SHOULD BE WELDED OR THREADED. APPLY A MINIMUM OF 3 COATS OF COLD GALVANIZING PAINT TO ALL FIELD WELDED AREAS.

HELICAL PIER DEFLECTION AT 100 PERCENT OF THE SPECIFIED 25,000 LB ALLOWABLE AXIAL COMPRESSION LOAD SHALL NOT EXCEED 1/2 INCH.

220.5 HELICAL PIER MANUFACTURER SHALL SUBMIT ENGINEERED CALCULATIONS, DETAILS, AND INSTALLATION INSTRUCTIONS PREPARED BY THE MANUFACTURER'S DELEGATED SPECIALTY ENGINEER.

220.6 HELICAL PIER EMBEDMENT DEPTH SHALL BE DETERMINED BY THE HELICAL PIER MANUFACTURER'S DELEGATED SPECIALTY ENGINEER AND THE GEOTECHNICAL ENGINEER MONITORING THE INSTALLATION OF THE PIERS.

CONTRACTOR SHALL RETAIN THE SERVICES OF THE GEOTECHNICAL ENGINEER OF RECORD TO PERFORM ALL IN-SITU MONITORING REQUIRED FOR THE GEOTECHNICAL ENGINEER TO CERTIFY ALL INSTALLED HELICAL PIERS HAVE AT LEAST THE SPECIFIED ALLOWABLE (UNFACTORED) AXIAL COMPRESSION CAPACITY WITH A MINIMUM FACTORY OF SAFETY OF TWO (2) BASED ON TORQUE MONITORING. THE GEOTECHNICAL ENGINEER SHALL OBSERVE AND MONITOR THE HELICAL PIER INSTALLATION AND PROVIDE A SIGNED AND SEALED CERTIFICATION LETTER FOLLOWING THE COMPLETION OF THE WORK.

220.8 PRIOR TO PROCEEDING WITH CONSTRUCTION, THE GEOTECHNICAL ENGINEER OF RECORD SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY THE REQUIREMENTS AND RECOMMENDATIONS IN THEIR REPORT HAVE BEEN PROPERLY INTERPRETED AND IMPLEMENTED.

220.9 THE CONTRACTOR SHALL PROTECT AND/OR RELOCATE ALL UNDERGROUND UTILITIES, CONDUITS, IRRIGATION PIPES, STORMWATER PIPES, ELECTRICAL LINES, ETC, WITHIN THE CONSTRUCTION AREA, INCLUDING THOSE CONFIRMED TO BE ABANDONED. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED UNDERGROUND UTILITY SERVICE OR STRUCTURE.

220.10 THE EXPENSE OF ALL GEOTECHNICAL SERVICES, DELEGATED ENGINEERING, CONSULTING, TESTING, AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

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300. REINFORCED CONCRETE

ALL REINFORCED CONCRETE WORK SHALL BE IN CONFORMANCE WITH THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318. LATEST EDITION) AND SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301, LATEST EDITION) OF THE AMERICAN CONCRETE INSTITUTE.

300.2 MINIMUM DESIGN COMPRESSION STRENGTH (F'c) REQUIRED AT 28 DAYS: A. VAULT ROOF SLAB & BEAMS

300.3 MAXIMUM WATER TO CEMENTITIOUS MATERIALS RATIO: A. VAULT ROOF SLAB & BEAMS_____

ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (MINIMUM 144 PCF) WITH ALL CEMENT CONFORMING TO ASTM C150, TYPE I/II. MAXIMUM AGGREGATE SIZE SHALL BE 3/4" FOR SLABS AND BEAMS, CONFORMING TO ASTM C33.

300.5 REINFORCEMENT

A. EPOXY-COATED REINFORCEMENT_____ ___ASTM A775

300.6 MINIMUM COVER FOR CAST-IN-PLACE CONCRETE REINF., UNLESS OTHERWISE SHOWN ON DRAWINGS, SHALL BE AS FOLLOWS: A. VAULT ROOF SLAB

300.7 SPLICES IN REINFORCEMENT, WHERE PERMITTED, SHALL BE CLASS "B" TENSION, CASE "1" MINIMUM, UNLESS OTHERWISE NOTED.

300.8 CLASS "B", CASE "1" TENSION SPLICES IN INCHES, SHALL BE AS FOLLOWS FOR EPOXY-COATED REINFORCING BARS:

> 5000 PSI TOP BARS ALL OTHERS #3 (#10) #4 (#13) #5 (#16) 47 56 #6 (#19) #7 (#22) 81

B. BEAMS (OVER MAIN REINF.)

300.9 SPLICES IN TOP REINFORCEMENT SHALL BE LOCATED AT MIDSPAN AND SPLICES IN BOTTOM REINFORCEMENT SHALL BE LOCATED OVER SUPPORTS, UNLESS NOTED OTHERWISE.

300.10 TOP BARS IN BEAMS SHALL TERMINATE IN A CLASS "B" TENSION SPLICE OR HOOK AT DISCONTINUOUS END.

300.11 PARALLEL REINFORCEMENT PLACED IN TWO OR MORE LAYERS SHALL HAVE A CLEAR DISTANCE BETWEEN LAYERS OF 1". UPPER LAYER BARS SHALL BE PLACED DIRECTLY ABOVE BARS IN THE BOTTOM LAYER.

300.12 ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACEMENT OF CONCRETE. REINFORCING SUPPORTS FOR ALL EXPOSED CONCRETE SHALL BE GALVANIZED WITH PLASTIC COATED FEET. ALL WELDED WIRE MESH SHALL BE CHAIRED.

300.13 ALL TIES SHALL HAVE 135 DEGREE HOOKS.

300.14 CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, ETC., AS REQUIRED FOR MECHANICAL TRADES BEFORE CONCRETE IS PLACED.

300.15 THE CONTRACTOR SHALL SUBMIT A CONCRETE POUR SCHEDULE SHOWING LOCATION OF ALL PROPOSED CONSTRUCTION JOINTS FOR REVIEW BY STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE.

300.16 PRIOR TO CONCRETE PLACEMENT, THE CONTRACTOR SHALL SUBMIT A CONCRETE MIX DESIGN PREPARED IN ACCORDANCE WITH ACI-318 CHAPTER 5 TO THE STRUCTURAL ENGINEER FOR REVIEW.

CONCRETE/MASONRY ANCHORS

350.1 ALL ADHESIVE STUD ANCHORS FOR ANCHORING TO CONCRETE SHALL BE "HILTI HIT-HY 200 ADHESIVE CONCRETE ANCHORS" AS MANUFACTURED BY HILTI FASTENING SYSTEMS, INC. (OR APPROVED EQUIVALENT).

350.2 THE "HAS ANCHOR ROD" SHALL CONFORM TO ASTM A36 STEEL. THE "HAS SUPER ANCHOR ROD" SHALL CONFORM TO ASTM A193 STEEL, AND THE NUT SHALL CONFORM TO ASTM A563, GRADE A.

350.3 ALL EPOXY ADHESIVE ANCHORS FOR ANCHORING TO MASONRY SHALL BE "HILTI HIT-HY 70 ADHESIVE ANCHORS" AS MANUFACTURED BY HILTI FASTENING SYSTEMS, INC. (OR EQUAL).

350.4 THE SPACING AND MINIMUM EMBEDMENT OF POST-INSTALLED ANCHORS SHALL BE AS INDICATED ON DRAWINGS. THE INSTALLATION OF THE ANCHORS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.

MASONRY

ALL MASONRY WORK SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402/ACI 530/ASCE 5) AND THE "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602/ACI 530.1/ASCE 6) OF THE MASONRY SOCIETY.

420.2 ALL MASONRY WORK TO BE EXECUTED IN COLD WEATHER SHALL BE IN CONFORMANCE WITH THE RECOMMENDATIONS FOR COLD WEATHER CONSTRUCTION OF THE LATEST EDITION OF "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402/ACI 530/ASCE 5) AND THE "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602/ACI 530.1/ASCE 6) OF THE MASONRY SOCIETY WITH THE FOLLOWING ADDITION TO THE REQUIREMENTS OF TMS 602/ACI 530.1/ASCE 6, SECTION 1.8-C: FOR ALL CONDITIONS WHEN TEMPERATURES FALL BELOW 40 DEGREES F, THE TEMPERATURE OF THE NEWLY LAID MASONRY OR NEWLY GROUTED MASONRY SHALL BE MAINTAINED ABOVE 32 DEGREES (F) FOR A MINIMUM OF 24 HOURS USING THE METHODS DESCRIBED IN TMS 602/ACI 530.1/ASCE 6.

420.3 MORTAR SHALL CONFORM TO THE PROPORTION SPECIFICATION OF ASTM C270, TYPE S.

GROUT SHALL CONFORM TO ASTM C476 AND AS FOLLOWS: A. COMPRESSIVE STRENGTH (F'c) OF GROUT = F'm AS INDICATED BELOW BUT NO LESS THAN 2,000 PSI.

B. SLUMP OF GROUT SHALL BE 8 TO 11 INCHES AS MEASURED ACCORDING C. MAX. AGGREGATE SIZE SHALL BE 3/8" (AGGREGATE GRADED TO

PRODUCE FINE GROUT IN CONFORMANCE WITH ASTM C476 AND C404).

LIMIT CEMENTITIOUS MATERIALS IN MORTAR TO PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I AND LIME CONFORMING TO ASTM C207.

PROVIDE SOLID AND HOLLOW LOAD BEARING CONCRETE BLOCK UNITS CONFORMING TO ASTM C90. FURNISH CONCRETE BLOCK WITH NET AREA COMPRESSIVE STRENGTH AS SPECIFIED BY TABLE 2 OF TMS 602/ACI 530.1/ASCE 6, SECTION 1.4 B.2 BASED ON THE UNIT STRENGTH METHOD.

420.7 MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH OF MASONRY:

HORIZONTAL JOINT REINFORCING FOR ALL EXTERIOR AND LOAD BEARING WALLS SHALL BE GALVANIZED LADDER TYPE DUR-O-WAL, OR EQUIVALENT AS APPROVED BY THE ENGINEER WITH 2-9 GAUGE LONGITUDINAL WIRE AND 9 GAUGE CROSS WIRE, SPACED AT 16" CENTER TO CENTER, UNLESS NOTED OTHERWISE. PROVIDE ADDITIONAL LAYERS OF JOINT REINFORCEMENT IN THE FIRST TWO COURSES ABOVE AND BELOW A MASONRY OPENING. PROVIDE LAP AS RECOMMENDED BY MANUFACTURER WITH A MINIMUM OF 6". DISCONTINUE JOINT REINFORCING AT CONTROL JOINTS. PROVIDE "L" SHAPE AND "T" SHAPE DUR-O-WAL AT ALL INTERSECTION CORNERS WITH 8" MINIMUM LAP. SEE TYPICAL DETAILS.

420.9 FULL BED AND HEAD JOINTS SHALL BE USED.

420.10 ALL MASONRY WALLS SHALL BE SECURELY BRACED UNTIL FLOOR OR ROOF SYSTEM HAS BEEN INSTALLED AND HAS BECOME CAPABLE OF STABILIZING

420.11 GROUT SOLID ALL CELLS CONTAINING REINFORCING, AND WHERE INDICATED ON PLANS AND SECTIONS.

420.12 PROVIDE FINE GROUT PER ASTM C476 WHEN WIDTH OF GROUT SPACE IS LESS THAN 2". PROVIDE COARSE GROUT FOR GROUT SPACE WIDTHS 2" OR GREATER. PROVIDE FINE GROUT WHEN REINFORCING HAS LESS THAN 1/2" CLEARANCE.

420.13 PROVIDE CLEAN OUT AND INSPECTION HOLES AT BOTTOM OF MASONRY WALL IN ACCORDANCE WITH MASONRY CODE AT REINFORCING IF HIGH LIFT GROUTING (OVER 4 FEET HIGH) IS USED.

420.14 DEFORMED BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60. PROVIDE LAP SPLICES OF 40 BAR DIAMETERS. PROVIDE BAR SPACERS AS REQUIRED TO PROPERLY LOCATE REINFORCING.

420.15 MASONRY COURSING SHOWN IN SECTION IS APPROXIMATE. REFER TO PLANS AND ELEVATIONS FOR ACTUAL COURSING.

STRUCTURAL ABBREVIATIONS:

&	AND	HORIZ ——	HORIZONTAL
#		HOF ——	HORIZONTAL OUTSIDE FACE
	AFTER ALIGNMENT		HORIZONTAL INSIDE FACE
ADDL——	ANCHOR BOLT	IF ———	
APP ———	APPROVED.	IN ———	
APPROX —	APPROXIMATELY	JT —	JOINT
ARCH ——	ARCHITECT(URAL)	JT ————————————————————————————————————	KIPS
ВВ ———	BOND BEAM	ÜE	LEFT END
BE ———	BOTH ENDS	LF	LINEAR FEET
BEW ——	BOTTOM EACH WAY BOTTOM OF	LL ——	
BLDG —		LLH ———	LONG LEG HORIZONTAL
BOT/BTM —		LLV ——	LONG LEG VERTICAL LONGITUDINAL
	BASE / BEARING PLATE	LONG ——	LONGITUDINAL
BRG ——	BEARING	L — —	
BRG ——— BS ———	BOTH SIDES		DOUBLE ANGLE
CIP ———	CAST IN PLACE		TRIPLE ANGLE
CJ ——	CONSTRUCTION JOINT /	LTWT——	LIGHTWEIGHT
	CONTRACTION JOINT	MAX ———	LIGHTWEIGHT MAXIMUM
CFSF——	COLD-FORMED		MECHANICAL
CA ———	STEEL FRAMING		MANUFACTURER
CANT —	CANTUEVED	MIN ——	MINIMUM
	CENTER LINE	MISC ——	MISCELLANEOUS MASONRY OPENING
CLR —		NF —	MASONRY OPENING
			NEAR FACE NEAR SIDE / NON-SHRINK
COL —	CONCRETE MASONRY WALL COLUMN		NOT TO SCALE
COMP ——	COMPOSITE OR		NORMAL WEIGHT
	COMPRESSIBLE	OC ———	ON CENTER
CONC —		OF ——	OUTSIDE FACE
CONN —	CONNECTION	OPER ——	OPERATING
CONT —	CONTINUOUS COORDINATE	OPNG ——	
DL —	COORDINATE	OPP ———	
DBL —			PRECAST CONCRETE
DIA ——			PERPENDICULAR PRE-ENGINEERED
DIAG ——		PEMB ——	
DIM ——	DIMENSIONS	PL ———	METAL BUILDING
DIM ——— DEG ———	DEGREE		POUNDS PER LINEAR FOOT
DOCS —	DOCUMENTS	PSF ——	POUNDS PER SQUARE FOOT
DWGS ——	DRAWINGS	PSI ——	POUNDS PER SQUARE INCH
EA		PT ———	PRESSURE TREATED
EE	EACH END	R ———	
EF——	EACH FACE EDGE OF DECK	RE	RIGHT END
	ENGINEER OF RECORD	REINF ——	REINFORCING / REINFORCED REMAINDER
	EDGE OF SLAB	REQD —	REMAINDER
	ESTIMATED TOP OF		SLIP CRITICAL
	ROCK ELEVATION	SCHED —	
EW	EACH WAY	SIM ——	
EL——	ELEVATION	SF ———	SQUARE FOOT
ELEV ——	ELEVATOR	SL	SQUARE FOOT SOCKET LENGTH
	EMBEDMENT / EMBEDDED	SOG	SLAB ON GRADE
ENGR ——	ENGINEER		SPECIFICATION
EQ — EQUIP —	EQUAL	sq ——	SQUARE
EQUIV——	EQUIPMENT	SS ——	STAINLESS STEEL
ES —		STIFF ——	STANDARD
	EQUAL SPACES		STRUCTURAL
ETC ——		T ——	
EJ——	EXPANSION JOINT	Ť/ ———	
EXT——	EXPANSION JOINT EXTERIOR / EXTENDED	TEMP ——	TEMPORARY
EX	EXISTING	TEW ———	TEMPORARY TOP EACH WAY
EXIST ——			TRANSVERSE
EXP ——	EXPANSION	TYP ——	
FAB ——	FABRICATOR FOUNDATION	U/S	
FDN — FIN —	FUUNDATION EINIGH	UNO ——	UNLESS NOTED OTHERWISE VERIFY IN FIELD OR
FIN ———			
FT —		VERT ——	VERTICAL INSIDE FACE
	GRADE BEAM		VERTICAL VERTICAL EACH FACE
ĞC ——	GENERAL CONTRACTOR		VERTICAL EACH FACE VERTICAL OUTSIDE FACE
GA	GENERAL CONTRACTOR GAUGE	W/ ——	WITH
GALV ———	GALVANIZED	W/ ———	WORK POINT
GEN ——	GENERAL	WT ———	WEIGHT
HEF ———	HORIZONTAL EACH FACE	$WWR \overline{}$	WELDED WIRE REINFORCEMENT

650 Smithfield Street Suite 1200 Pittsburgh, PA 15222 p 412.338.9000 f 412.338.0051 www.aespj.com

 \Box \mathbf{a}

REVISED / ISSUED FOR:									
ΞV	DATE DESCRIPTION								
	09.01.17	Duquesne Light Review							
	09.13.17	Issued For Construction							
	03.08.18	Issued For Permit							
1	11.02.18	Revision #1							
<u>2</u> 3	07.03.19	Revision #2							
3	01.15.20	Issued For Review							
ROJ	ECT NO.	16-264.0							

General Notes

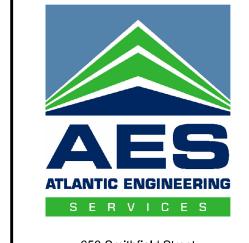
SHEET TITLE:

DRAWN BY: CHECKED BY:

SHEET NO.

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Building Electrical ORBES AVE PITTSBURGH, PA Alle

REVISED / ISSUED FOR: REV DATE DESCRIPTION 09.01.17 Duquesne Light Review 09.13.17 Issued For Construction 03.08.18 Issued For Permit 1 11.02.18 Revision #1 2 07.03.19 Revision #2 3 01.15.20 Issued For Review

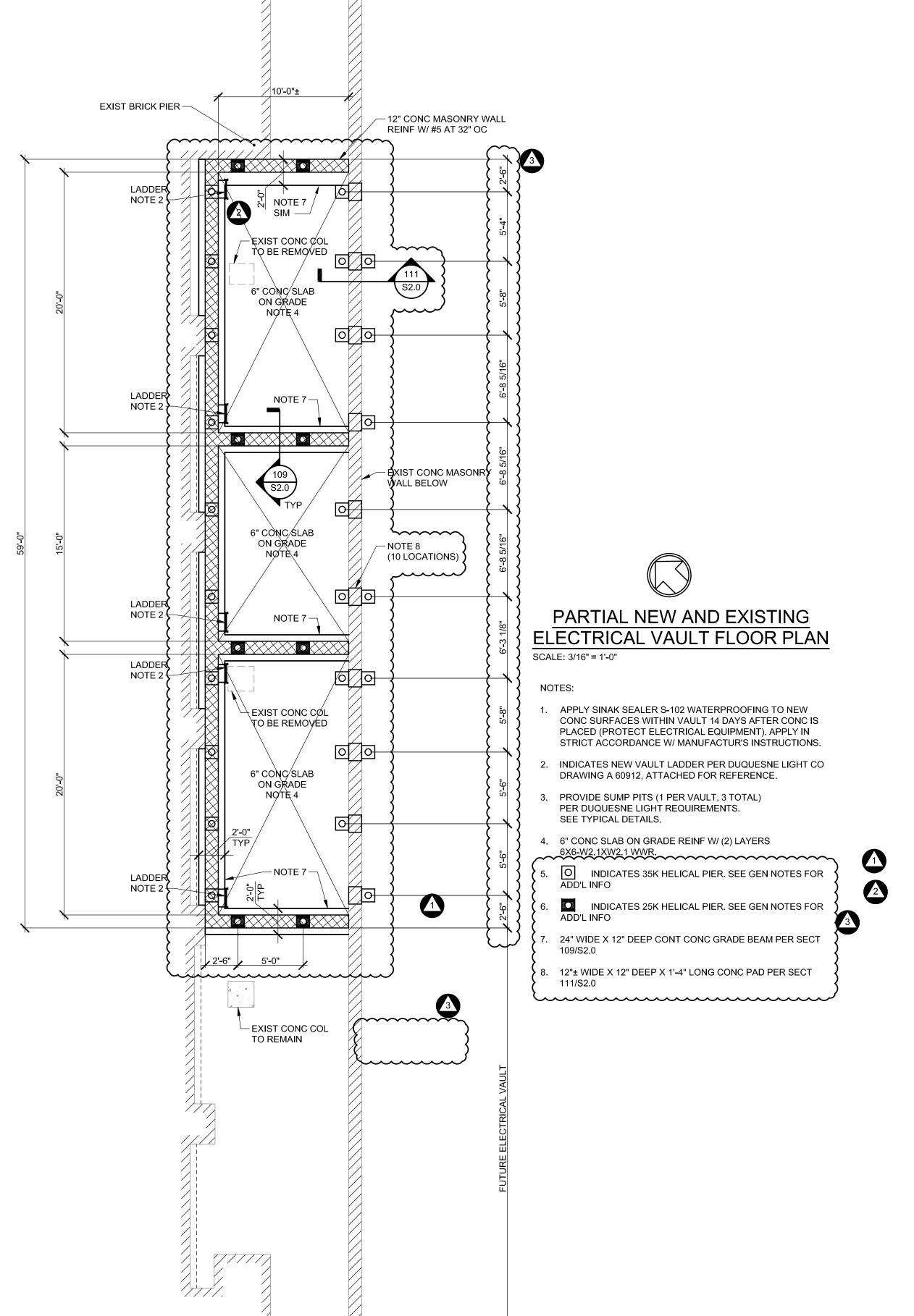
16-264.01 PROJECT NO. 07.03.19 DRAWN BY: TLP/RSB CHECKED BY:

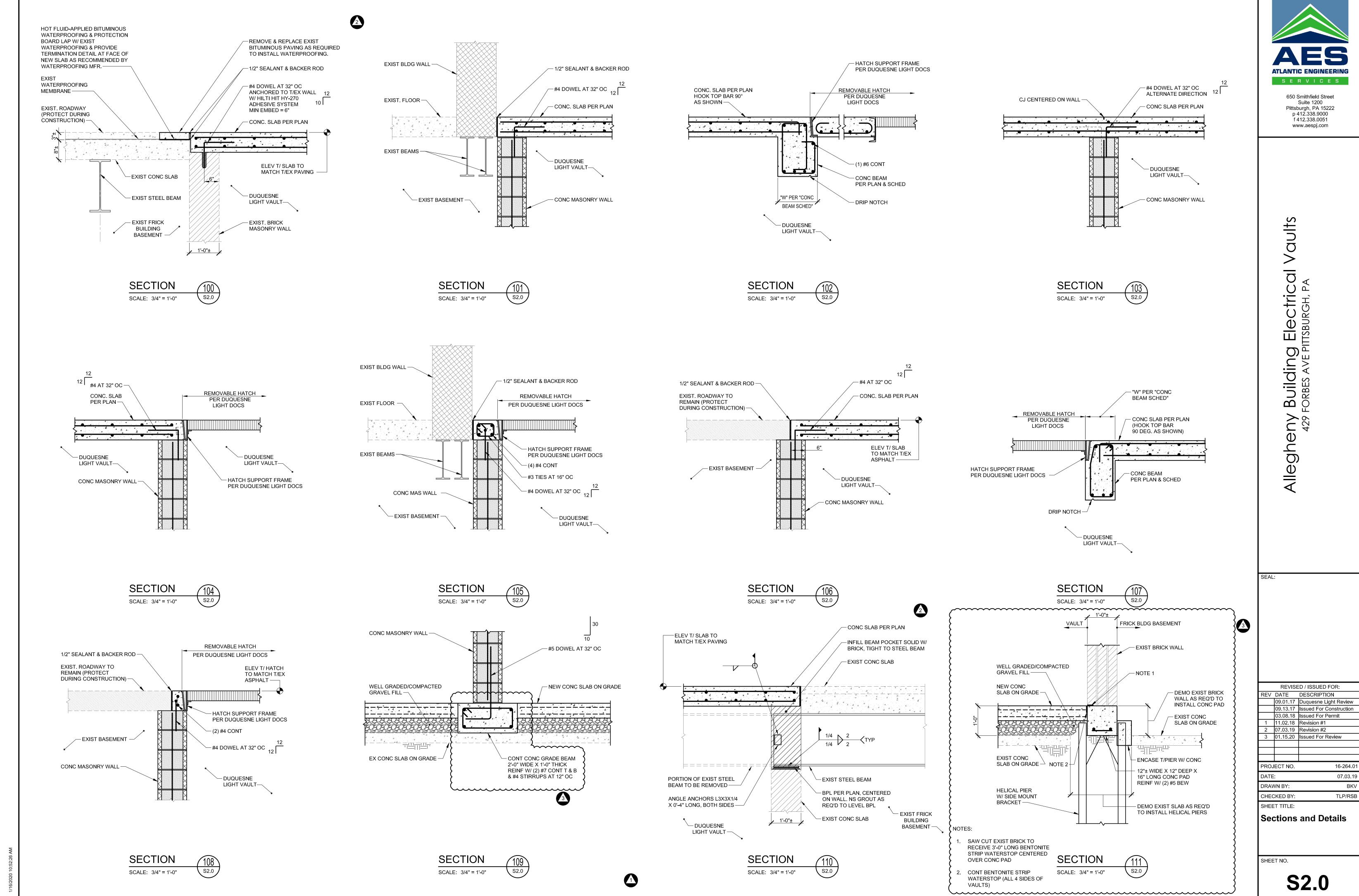
SHEET TITLE:

Electrical Vault

SCALE: 3/16"=1'-0"

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16-264.01 07.03.19

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ROOF SLAB SCHEDULE									
MARK	TYPE	TOTAL THICKNESS							
S1	8" CONC SLAB	LONGITUDINAL: #6 AT 6" OC BOT, #4 AT 12" OC TOP TRANSVERSE: #4 AT 12" OC	8"						

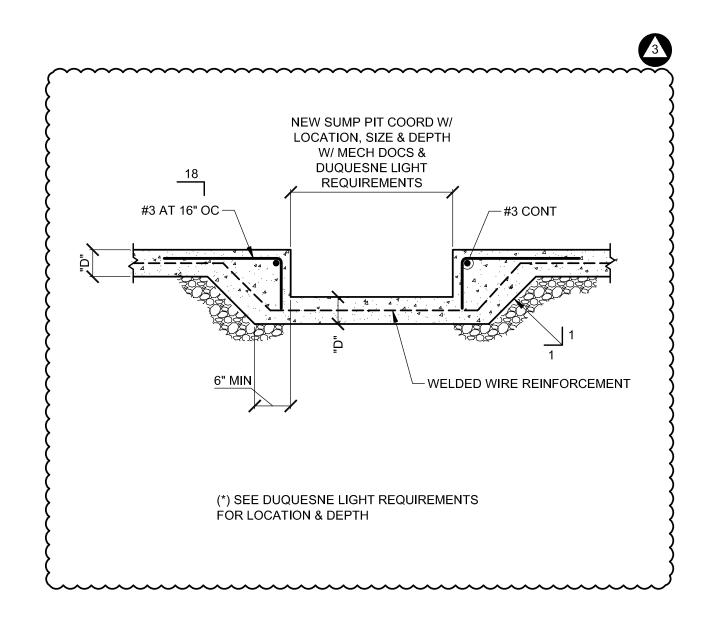
ROOF SLAB SCHEDULE NOTES:

- 1. LONGITUDINAL BARS ARE PARALLEL TO THE DIRECTION OF SPAN AND ARE TO BE PLACED AS THE OUTER LAYERS.
- 2. TRANSVERSE BARS ARE PERPENDICULAR TO THE DIRECTION OF SPAN AND ARE TO BE PLACED AS THE INNER LAYERS.
- 3. PROVIDE BROOM FINISH, PERPENDICULAR TO MAIN TRAFFIC ROUTE.

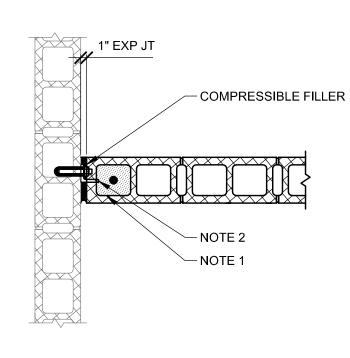
CONCRETE BEAM SCHEDULE											
	W	D	TOP BARS	BOTTOM BARS			STIRRUPS				
	(INCHES)	(INCHES)			SIZE	TYPE	SPACING "S" BOTH ENDS TYP UNO	REMARKS	MARK		
CB1	16"	24"	(2) #6	(4) #6	#3		AT 10" OC FULL LENGTH		CB1		
CB2	12"	24"	(2) #6	(3) #6	#3		AT 10" OC FULL LENGTH		CB2		
CB3	12"	24"	(2) #6	(3) #6	#3		AT 10" OC FULL LENGTH		CB3		
CB4	12"	24"	(2) #6	(2) #6	#3		AT 10" OC FULL LENGTH		CB4		

CONCRETE BEAM SCHEDULE NOTES:

- 1. ALL BARS FULL LENGTH. PROVIDE STD HOOKS EE.
- ALL BARS EPOXY COATED.
- 3. PROVIDE MIN 8" BRG LENGTH OF CONC BEAM ON SUPPORTING WALL.



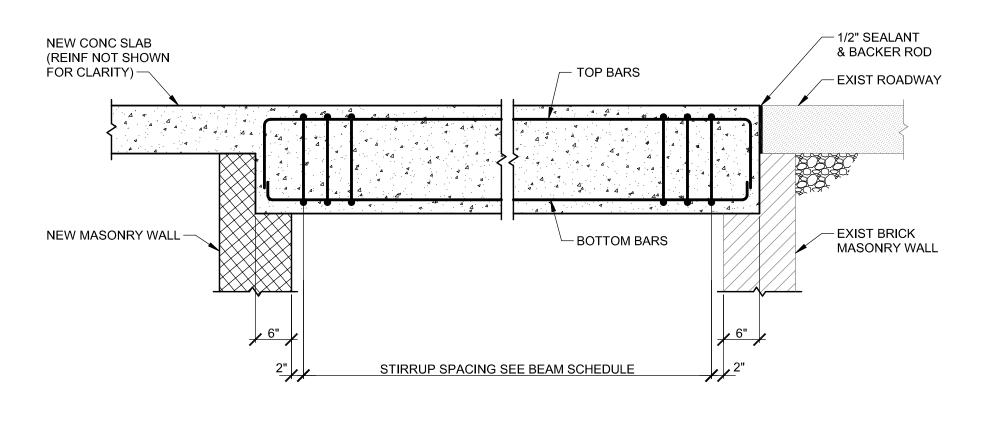
TYPICAL SUMP PIT DETAIL



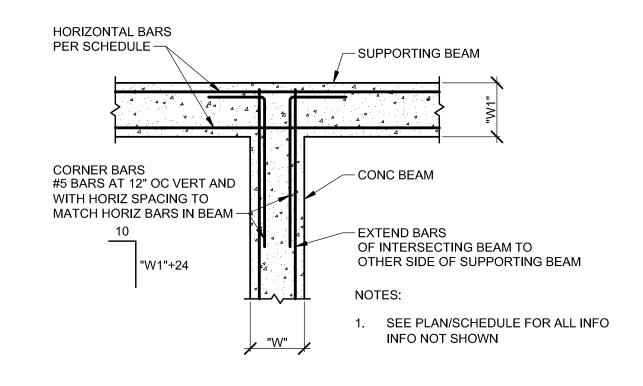
NOTES:

- REINFORCEMENT PER PLAN PROVIDE MIN (1) #5 BAR AT END CELL OF WALL. GROÙT CELL SOLID.
- 2. CONT GALV L3X3X1/4, BOLT TO EXIST MASONRY W/ 1/2" DIA SS SLEEVE ANCHOR AT 24" OC. GREASE OUTSTANDING ANGLE LEG.

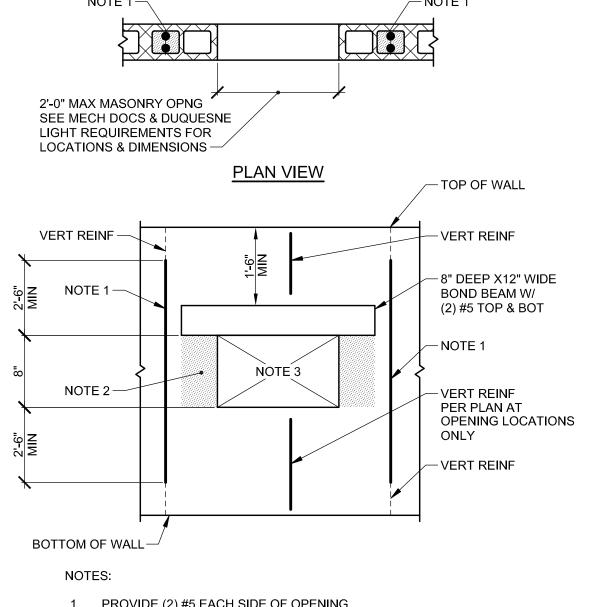
TYPICAL MASONRY EXPANSION JOINT AT EXISTING WALL DETAIL



BEAM BEARING DETAILS

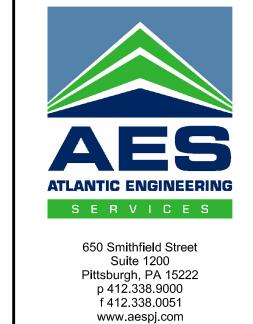


TYPICAL CONCRETE BEAM INTERSECTION DETAIL PLAN VIEW



- 1. PROVIDE (2) #5 EACH SIDE OF OPENING.
- PROVIDE MIN 6" BRG ON BRICK, SOLID OR GROUTED SOLID BLOCK.
- 3. OPNG FOR CONDUIT PENETRATING MASONRY WALL.

TYPICAL MASONRY WALL OPENING REINFORCING DETAIL



Electrical Internation PA Uildin RBES AVE $\overline{\bigcirc}$ Alle

REVISED / ISSUED FOR: REV DATE DESCRIPTION | 09.01.17 | Duquesne Light Review | 09.13.17 | Issued For Construction | 03.08.18 | Issued For Permit | 1 | 11.02.18 | Revision #1 | 2 07.03.19 Revision #2 3 01.15.20 Issued For Review

PROJECT NO. 16-264.01 DRAWN BY:

CHECKED BY: SHEET TITLE:

Sections and Details

TLP/RSB

DESCRIPTION AS PER TITLE REPORT

ALL THAT CERTAIN LOT OR PIECE OF GROUND SITUATE IN THE SECOND (FORMERLY THIRD) WARD OF THE CITY OF PITTSBURGH, COUNTY OF ALLEGHENY, AND COMMONWEALTH OF PENNSYLVANIA, BOUNDED AND DESCRIBED AS FOLLOWS, TO-WIT:

BEGINNING AT A POINT AT THE INTERSECTION OF THE WESTERLY SIDE OF SCRIP WAY, 20.02 FT. WIDE AND THE NORTHERLY SIDE OF FORBES AVENUE, 55.47 FT. WIDE; THENCE FROM SAID POINT OF BEGINNING BY THE NORTHERLY SIDE OF FORBES AVENUE N 59° 57' 20" W A DISTANCE OF 120.17 FT. TO A POINT OF INTERSECTION WITH THE EASTERLY SIDE OF CHERRY WAY, 20.02 FT. WIDE; THENCE BY THE EASTERLY LINE OF CHERRY WAY N 30° 56' 40" E A DISTANCE OF 95.62 FT. TO A POINT AT THE LINE DIVIDING LANDS NOW OR FORMERLY OF THE MAY DEPARTMENT STORES COMPANY AND LANDS NOW OR FORMERLY OF BEVERLY HILLS SAVINGS AND AMERICAN SAVINGS BANK; THENCE BY SAID DIVIDING LINE S 59° 59' 20" DISTANCE OF 120.23 FT. TO A POINT ON THE WESTERLY SIDE OF SCRIP WAY, SAID LAST MENTIONED LINE ALSO BEING THE SOUTHERLY SIDE OF RESORT WAY NOW VACATED; THENCE BY THE WESTERLY SIDE OF SCRIP WAY S 30° 58' 40" W A DISTANCE OF 95.70 FT. TO THE POINT OF BEGINNING.

(PER SURVEY PREPARED BY THE GATEWAY ENGINEERS, INC., DWG. NO. 43,293, DATED JANUARY 1983, REVISED DECEMBER 16, 1988.)

ALSO BEING ALL THAT CERTAIN LOT OR PIECE OF GROUND SITUATE IN THE SECOND (FORMERLY THIRD) WARD OF THE CITY OF PITTSBURGH, COUNTY OF ALLEGHENY, AND COMMONWEALTH OF PENNSYLVANIA, BOUNDED AND DESCRIBED AS SURVEYED IN THE ALTA/ACSM LAND TITLE SURVEY DATED JULY 14, 2015 PREPARED BY AMY JO HOPKINS, P.L.S. NO. 5U07298. DWG. NO D- 26032, AS FOLLOWS, TO-WIT:

BEGINNING AT A POINT AT THE INTERSECTION OF THE WESTERLY SIDE OF SCRIP WAY, 20.02 FT. WIDE, AND THE NORTHERLY SIDE OF FORBES AVENUE, 55.47 FT. WIDE; THENCE FROM SAID POINT OF BEGINNING BY THE NORTHERLY SIDE OF FORBES AVENUE N 62° 25' 25" W A DISTANCE OF 120.17 FT. TO A POINT AT ITS INTERSECTION WITH THE EASTERLY SIDE OF CHERRY WAY, 20.02 FT. WIDE; THENCE BY THE EASTERLY SIDE OF CHERRY WAY N 28° 28' 35' E A DISTANCE OF 95.62 FT. TO A POINT AT THE DIVIDING LANDS NOW OR FORMERLY OF THE MAY DEPARTMENT STORES COMPANY AND LANDS NOW OR FORMERLY OF BEVERLY HILLS SAVINGS AND AMERICAN SAVINGS BANK; THENCE BY SAID DIVIDING LINE S 62° 27' 25" E A DISTANCE OF 120.23 FT. TO A POINT ON THE WESTERLY SIDE OF SCRIP WAY, SAID LAST MENTIONED LINE ALSO BEING THE SOUTHERLY SIDE OF RESORT WAY, NOW VACATED; THENCE BY THE WESTERLY SIDE OF SCRIP WAY S 28° 30' 42' W A DISTANCE OF 95.70 FT. TO THE POINT OF BEGINNING.

BEARINGS AND COORDINATES ARE BASED ON PENNSYLVANIA STATE PLANE (NAD83) SOUTH ZONE, U.S. SURVEY FEET.

HAVING ERECTED THEREON A 19 STORY BRICK AND STEEL BUILDING KNOWN AS THE ALLEGHENY BUILDING, 429 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA.

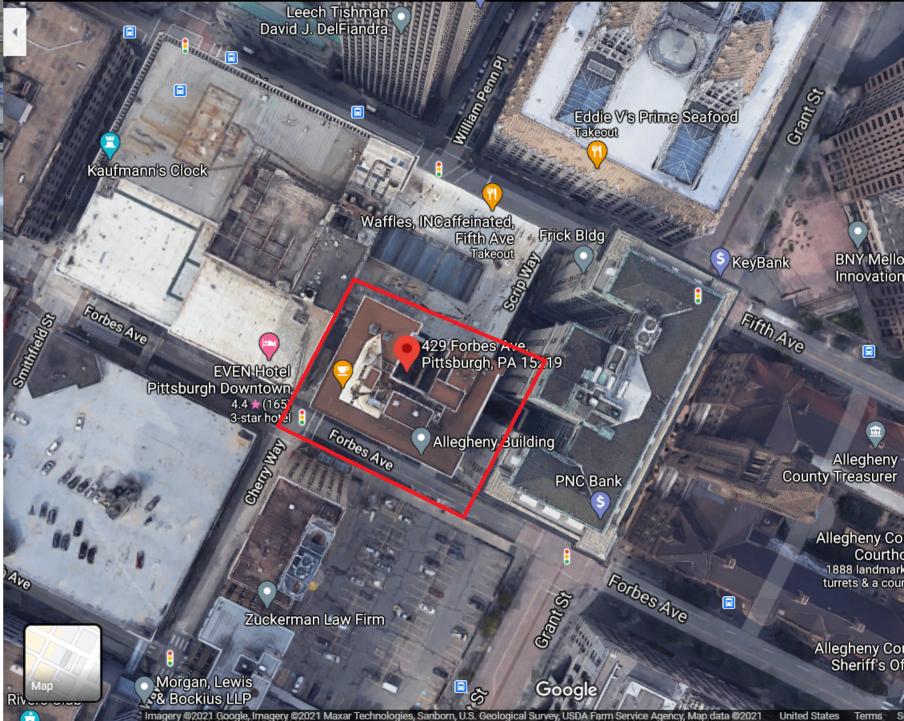
TOGETHER WITH AND SUBJECT TO ALL RIGHTS GRANTED IN EASEMENT AGREEMENT DATED MARCH 3, 1965, AND RECORDED IN THE RECORDER OF DEEDS OFFICE OF ALLEGHENY COUNTY IN DEED BOOK VOLUME 4135, PAGE 254 AND IN LEASE DATED MARCH 3, 1965 AND RECORDED IN DEED BOOK VOLUME 4169, PAGE 39. AS SUCH LEASE HAS BEEN AMENDED FROM TIME TO TIME.

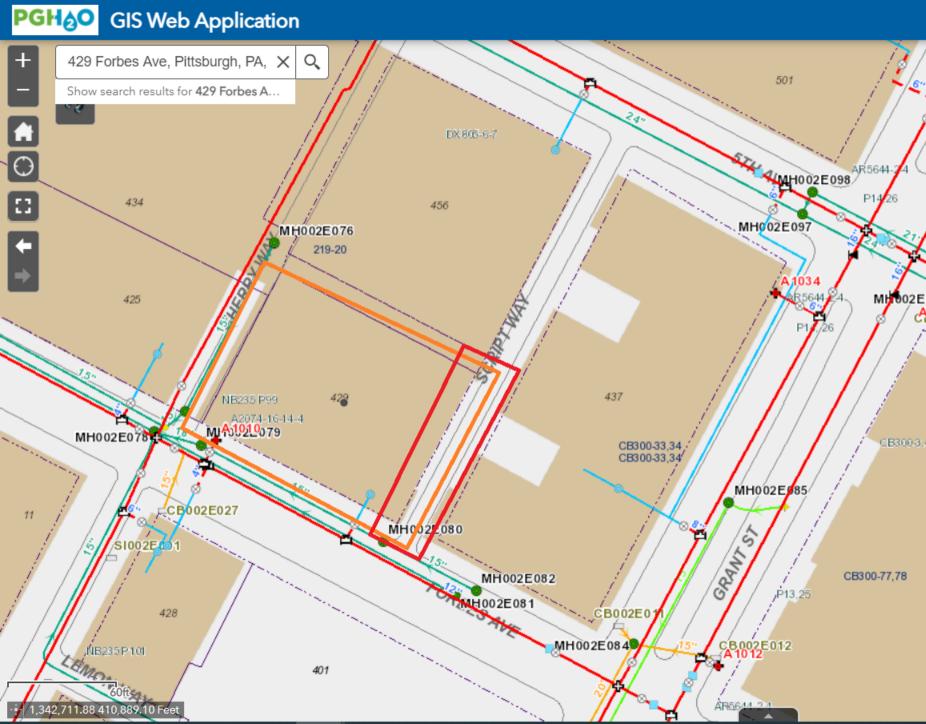
THE ABOVE DESCRIBED EASEMENT CONTAINS AN AREA OF 11,496 SQUARE FEET OR 0.2639 ACRES, MORE OR LESS.

BEING KNOWN AS 429 FORBES AVENUE.

BEING TAX PARCEL NO. 2-E-155.











To: Karina Ricks, Director of the Department of Mobility and Infrastructure

From: William J. Pickering, PWSA Executive Director

Date: February 19, 2021

Subject: Proposed Encroachment at 429 Forbes Avenue

The following is in response to the attached 2/10/2021 request regarding the encroachment into Script Way near 429 Forbes Avenue in the 2nd Ward of the City of Pittsburgh.

- 1. The Water Mapping (attached) indicates that there are no known PWSA waterlines within the area of the proposed encroachment.
- 2. The Sewer Mapping (attached) indicates that there are no known PWSA sewerlines within the area of the proposed encroachment. Please note, PWSA does not maintain records of sewer service laterals and the property owner is responsible for maintenance. We cannot confirm if the private service lateral will be affected.

PWSA has no objection to the proposed encroachment under the conditions set forth above.

JMA

Attachment



January 20, 2021

Guido Milano Project Manager PMC Property Group 915 Penn Avenue Pittsburgh, PA 15222

Re: Letter of Acceptance for Allegheny Building Vault Location, Scrip Way, Pittsburgh, PA 15219

Mr. Milano:

This letter is in response to your request concerning the location of the Allegheny Building Vault to be constructed in Scrip Way.

Duquesne Light Company agrees and accepts your plan to construct the vaults in Scrip Way.

Duquesne Light will provide a hatch assembly drawing for your fabrication.

Please contact me if you have questions regarding this matter.

Respectfully,

Greg Alan

Greg Alan Major Account Manager



Janice Saltzman
TEL 412.258.4669
MOBILE 412.580.9744
jsaltzman@peoples-gas.com

February 15, 2021

Karina Ricks, Director Department of Mobility and Infrastructure City of Pittsburgh 611 Second Avenue Pittsburgh, PA 15219

RE: Encroachment in City Street

429 Forbes Avenue and Scrip Way

Block/Lot 2-E-155

2nd Ward, City of Pittsburgh

Dear Ms. Ricks:

This letter is in response to a request that Peoples Natural Gas Company (Peoples) received from Strada LLC regarding a below grade vault that is being designed within the public right of way of Scrip Way at the above-referenced location.

Based on the drawings provided to Peoples, the proposed vault does not interfere with our gas facilities in this area.

Peoples has no objection to the proposed encroachment.

Sincerely,

Janice Saltzman Land Department



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 1/27/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

	this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).											
	DDUCER	CONTACT NAME: Kevin Connelly										
The Graham Company						PHONE (A/C, No, Ext): 215-567-6300 FAX (A/C, No): 215-569-3025						
The Graham Building 1 Penn Square West						E-MAIL ADDRESS: connelly_unit@grahamco.com						
	iladelphia PA 19102							NAIC#				
					INSURER A: Associated Industries Insurance Company, Inc.						23140	
	JRED	INSURER B:										
	9 Forbes Associates, LLC				INSURER C:							
0/0	o Robert M. Currey & Associates, Inc ne Beacon Street, 22nd Floor	;.			INSURER D :							
Bo	eston MA 02108				INSURE							
					INSURE							
co	VERAGES CER	TIFIC	CATE	NUMBER: 143260194				REVISION NUMB	 3ER:			
	HIS IS TO CERTIFY THAT THE POLICIES											
	NDICATED. NOTWITHSTANDING ANY RE ERTIFICATE MAY BE ISSUED OR MAY F											
	EXCLUSIONS AND CONDITIONS OF SUCH I							TILICLIN IS SOBSI	LCT TO	ALL I	TIE TEIXING,	
INSR LTR	TYPE OF INSURANCE	ADDL	SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)		LIMITS			
A	X COMMERCIAL GENERAL LIABILITY	INOD	****	AES1186481-01		11/6/2020	11/6/2021	EACH OCCURRENCE	9	\$ 1,000,	.000	
	CLAIMS-MADE X OCCUR							DAMAGE TO RENTED PREMISES (Ea occurre		\$ 100,00		
	X 25,000 Ded.							MED EXP (Any one per	01.00)			
	X \$10k Agg Cap							PERSONAL & ADV INJ		1,000,	.000	
	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGAT		\$ 2,000,		
	POLICY PRO- JECT X LOC							PRODUCTS - COMP/O		\$ 2,000,		
	OTHER:							7.1.020010 0070	\$			
	AUTOMOBILE LIABILITY							COMBINED SINGLE LI (Ea accident)	IMIT \$	\$		
	ANY AUTO							BODILY INJURY (Per p	person) \$	\$		
	OWNED SCHEDULED AUTOS ONLY AUTOS							BODILY INJURY (Per a	accident) \$	\$		
	AUTOS ONLY AUTOS HIRED NON-OWNED AUTOS ONLY AUTOS ONLY							PROPERTY DAMAGE (Per accident)	\$	\$		
	AUTOS ONLY AUTOS ONLY							(Fer accident)	\$	\$		
	UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$	£		
	EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$			
	DED RETENTION\$								\$			
	WORKERS COMPENSATION							PER STATUTE	OTH- ER	•	-	
	AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE							E.L. EACH ACCIDENT				
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A						E.L. DISEASE - EA EMI				
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLIC				
	22001111 11011 01 01 21 1111 1101 25:011								,	•	-	
	CRIPTION OF OPERATIONS / LOCATIONS / VEHICL	ES (A	CORD	101, Additional Remarks Schedu	le, may be	attached if more	e space is require	ed)				
RE	: 429 Forbes Ave, Pittsburgh, PA 15219											
The	e City of Pittsburgh are additional insured	ls on	the a	bove General Liability Poli	icy s if r	equired by wr	ritten contract					
CE	RTIFICATE HOLDER	CANCELLATION										
								ESCRIBED POLICIE				
	City of Dittah							REOF, NOTICE V Y PROVISIONS.	WILL BE	. DEL	IVEKED IN	
	City of Pittsburgh 414 Grant Street											
	Room 301				AUTHO	RIZED REPRESE	NTATIVE					
	Pittsburgh PA 15219				1		7					
ı				Sensett of Since								