

GENERAL LOCATION OF CONTRACT

THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
UNITS



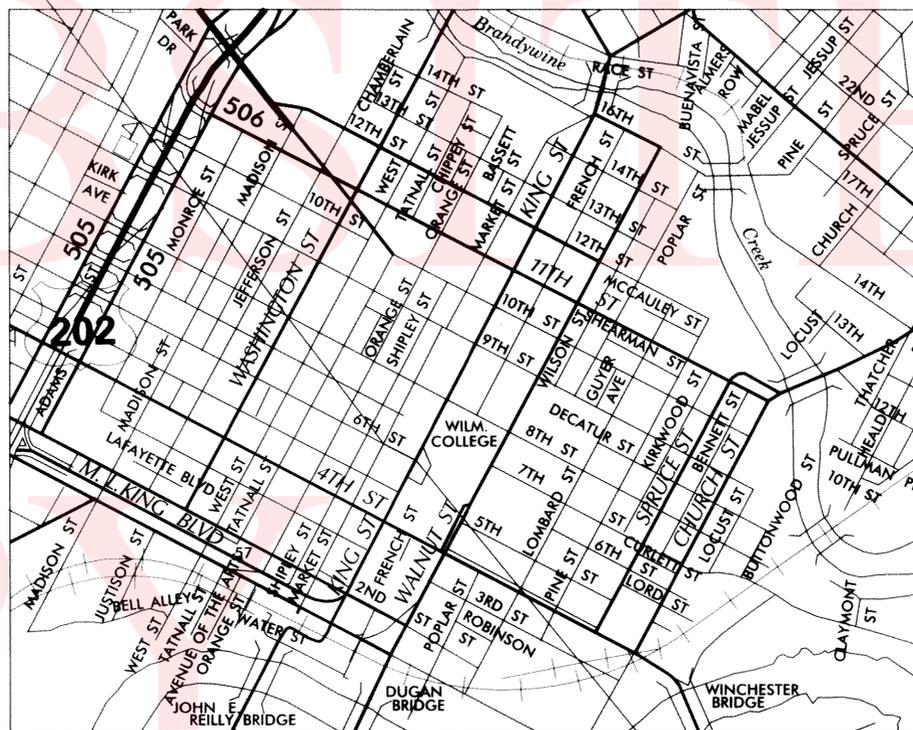
CONSTRUCTION PLANS FOR:
**6TH STREET
ENHANCEMENTS,
CITY OF WILMINGTON**
CONTRACT NUMBER: T201020001
FEDERAL AID PROJECT NUMBER: ETEA-2010(5)
COUNTY: NEW CASTLE M.R. #: NA

| DESIGN DESIGNATION | | YEAR: N/A |
|-----------------------------------|-------------------------|--------------------------------|
| FUNCTIONAL CLASS: LOCAL ROAD | D.H.V. PROJECTED: N/A | |
| TYPE OF CONSTRUCTION: ENHANCEMENT | DESIGN SPEED: -- M.P.H. | |
| A.A.D.T. CURRENT: N/A | YEAR: 2010 | TRUCKS: - % |
| A.A.D.T. PROJECTED: N/A | YEAR: N/A | DIRECTION OF DISTRIBUTION: - % |

INDEX OF SHEETS

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BEGIN CONTRACT
STATION 600 + 00.00



END CONTRACT
STATION 603 + 46.06

TOTAL SHEETS:

APPROVED DESIGN EXCEPTIONS

| DESIGN PARAMETER | REQUIRED | PROVIDED | DATE |
|------------------|----------|----------|------|
| | | | |

ADDENDA & REVISIONS

| DESCRIPTION | NAME & DATE |
|-------------|-------------|
| | |

ASSOCIATED CONTRACTS

| CONTRACT NO. | CONTRACT NAME |
|--------------|---------------|
| | |

McCormick
Engineers & Planners
Since 1946
Taylor

PREPARED 1/30 2012
Natalie Barnhart
PROJECT MANAGER



RECOMMENDED

John L. King
CITY OF WILMINGTON
DATE 2/13/2012

RECOMMENDED

John L. King
COMMUNITY SPONSOR
DATE 02-16-2012

RECOMMENDED

Paul L. Kelly
SQUAD MANAGER, CONSTRUCTION
DATE 3/1/12
Chitra Cottle
GROUP ENGINEER, CONSTRUCTION
DATE 3/1/12

ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS
(CONSTRUCTION) DATE

RECOMMENDED

STORMWATER ENGINEER

DATE _____ SEAL _____

RECOMMENDED

SQUAD MANAGER, TRANSPORTATION SOLUTIONS
(PROJECT DEVELOPMENT OR BRIDGE DESIGN)

DATE _____ SEAL _____

RECOMMENDED

BRIDGE DESIGN ENGINEER

DATE _____ SEAL _____

RECOMMENDED

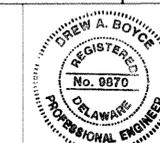
PLANNING SUPERVISOR, PLANNING

DATE 3-19-12 SEAL _____

RECOMMENDED

ASSISTANT DIRECTOR,
ENGINEERING SUPPORT

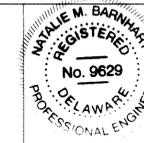
DATE 3/20/12 SEAL _____



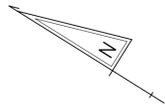
APPROVED

Natalie Barnhart
CHIEF ENGINEER

DATE 3/20/12 SEAL _____

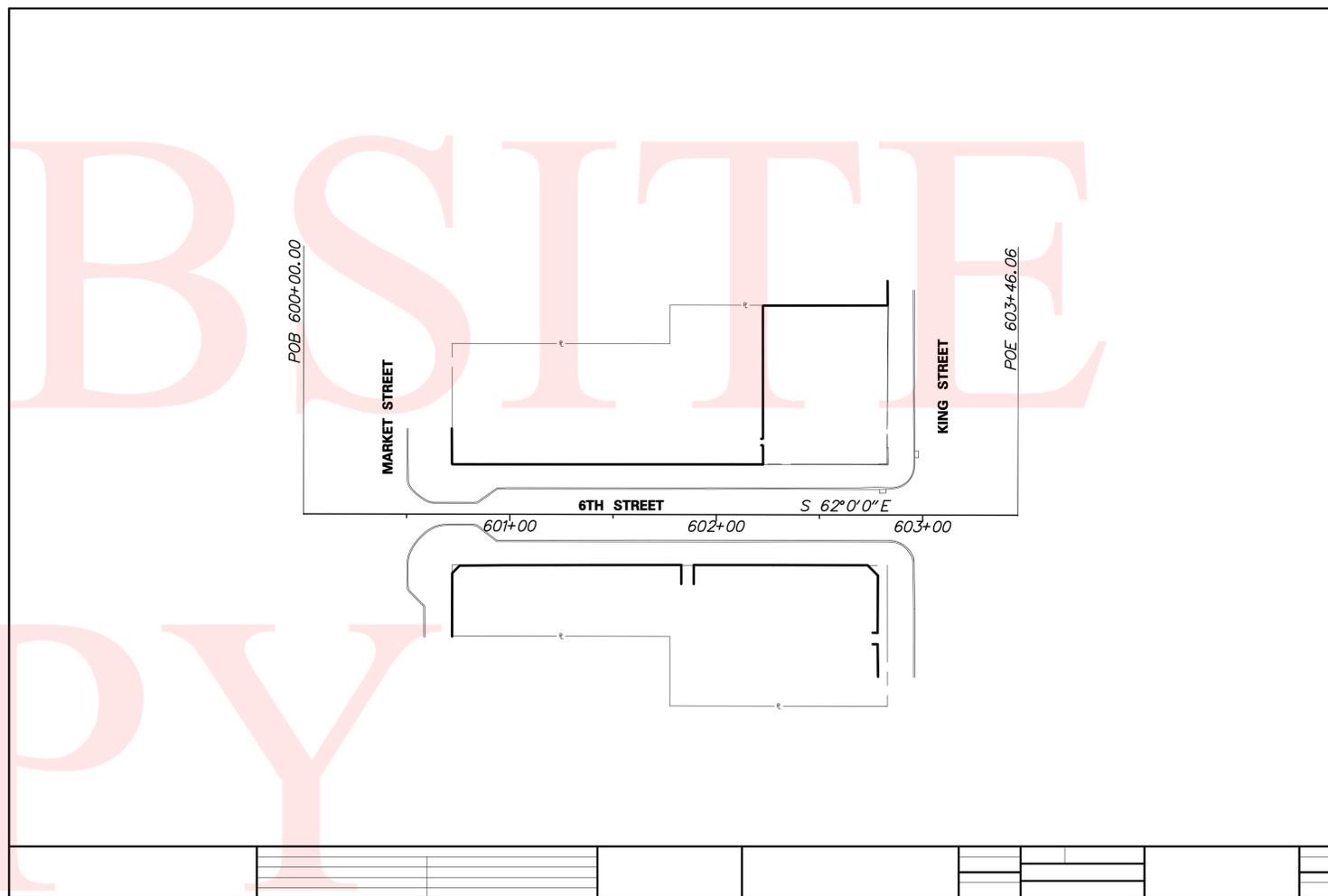


SEAL



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①



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| ADDENDUMS / REVISIONS | |
|-----------------------|--|
| | |
| | |
| | |
| | |



**6TH STREET
ENHANCEMENTS**

| | | |
|------------|-----------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: TM | |
| COUNTY | CHECKED BY: JMH | |
| NEW CASTLE | | |

PLAN SHEET INDEX

| |
|--------------|
| IS-01 |
| SHEET NO. |
| 2 |
| TOTAL SHTS. |
| 24 |

EXISTING SYMBOLS

| DRAINAGE | |
|----------|-------------------------------|
| | DITCH OR STREAM CENTERLINE |
| | DIRECTIONAL STREAM FLOW ARROW |
| | DRAINAGE INLET |
| | DRAINAGE JUNCTION BOX |
| | DRAINAGE MANHOLE |
| | DRAINAGE PIPE AND FLOW ARROW |
| | DRAINAGE PIPE HEADWALL |
| | RIPRAP - AREA FEATURE |
| | RIPRAP - LINEAR FEATURE |

| MANMADE ROADSIDE FEATURES | |
|---------------------------|--------------------------------|
| | BOLLARD - STEEL POLE |
| | BOLLARD - WOOD POST |
| | CURB |
| | CURB AND GUTTER |
| | FENCE - CHAINLINK OR STRANDED |
| | FENCE - STOCKADE OR SPLIT RAIL |
| | FLAG POLE |
| | GUARDRAIL - STEEL BEAM |
| | GUARDRAIL - WIRE ROPE |
| | LAMP AND POST - RESIDENTIAL |
| | MAILBOX |
| | PARKING METER AND POST |
| | PAVEMENT - FLEXIBLE |
| | PAVEMENT - RIGID |
| | PILE - BRIDGE |
| | PILLAR OR MISCELLANEOUS POST |
| | TRAFFIC SIGN AND POST |
| | WALL - BRICK OR BLOCK |
| | WALL - STONE |

| NATURAL ROADSIDE FEATURES | |
|---------------------------|----------------------------------|
| | GRASS LAWN |
| | HEDGEROW OR THICKET |
| | MARSH BOUNDARY LINE |
| | TREE - CONIFEROUS |
| | TREE - DECIDUOUS |
| | TREE STUMP |
| | SHRUBBERY |
| | DELINEATED WETLAND BOUNDARY LINE |
| | WOODS LINE BOUNDARY |

| RIGHT-OF-WAY SYMBOLS | |
|----------------------|---------------------------------|
| | PROPERTY MARKER - CONCRETE MON. |
| | PROPERTY MARKER - IRON PIPE |
| | HISTORIC RIGHT-OF-WAY BASELINE |
| | EXISTING RIGHT-OF-WAY |
| | EXISTING PROPERTY LINE |
| | EXISTING EASEMENT |
| | EXISTING DENIAL OF ACCESS |
| | EXISTING R/W & DENIAL OF ACCESS |

| SURVEY CONTROL & MONUMENTATION | |
|--------------------------------|--------------------------------|
| | SURVEY BENCHMARK LOCATION |
| | SURVEY TIE POINT LOCATION |
| | SURVEY TRAVERSE POINT |
| | POINT OF CURVATURE OR TANGENCY |
| | POINT OF INTERSECTING TANGENTS |

| UTILITY | |
|---------|----------------------------------|
| | SOIL BORING LOCATION |
| | UTILITY TEST HOLE LOCATION |
| | CABLE TV DISTRIBUTION BOX |
| | ELECTRIC MANHOLE |
| | ELECTRIC METER |
| | ELECTRIC TRANSFORMER |
| | POLE MOUNTED LUMINAIRE |
| | GAS MANHOLE |
| | GAS METER |
| | GAS VALVE |
| | GAS PUMP - SERVICE STATION |
| | RAILROAD TRACKS |
| | SANITARY SEWER MANHOLE |
| | SANITARY SEWER VALVE |
| | SANITARY SEWER VENT OR CLEANOUT |
| | SEPTIC DRAIN FIELD |
| | TELEPHONE BOOTH |
| | TELEPHONE MANHOLE |
| | TELEPHONE TEST POINT |
| | TRAFFIC - CONDUIT JUNCTION WELL |
| | TRAFFIC - LIGHT POLE AND BASE |
| | TRAFFIC - PEDESTRIAN POLE & BASE |
| | TRAFFIC - SIGNAL CABINET & BASE |
| | TRAFFIC - SIGNAL POLE AND BASE |
| | UTILITY BOX |
| | UTILITY POLE GUY WIRE ANCHOR |
| | UTILITY POLE |
| | WATER - FIRE HYDRANT |
| | WATER METER |
| | WATER VALVE |
| | WELL HEAD |
| | MANHOLE - UNDETERMINED OWNER |

| UTILITY COMPANY FACILITIES | |
|----------------------------|----------------------------|
| | VERIZON |
| | CITY OF WILMINGTON - WATER |
| | CITY OF WILMINGTON - SEWER |
| | COMCAST CABLE |
| | DELMARVA POWER - ELECTRIC |
| | DELMARVA POWER - GAS |
| | MCI TELECOMMUNICATIONS |
| | AT&T TRANSMISSION |
| | CAVALIER TELEPHONE |
| | ABOVENET COMMUNICATIONS |

PROPOSED SYMBOLS

| CONSTRUCTION | |
|--------------|--|
| | CONCRETE SAFETY BARRIER - PERMANENT |
| | BIOFILTRATION SWALE |
| | BOLLARD - STEEL POLE |
| | BOLLARD - WOOD POST |
| | BRICK PATTERNED SURFACE |
| | BUTT JOINT |
| | CONSTRUCTION BASELINE |
| | CONSTRUCTION SAFETY FENCE |
| | CURB, TYPE 1 & TYPE 3 |
| | CURB, TYPE 2 |
| | CURB & GUTTER, TYPE 1 |
| | CURB & GUTTER, TYPE 2 |
| | CURB & GUTTER, TYPE 3 |
| | CURB & GUTTER, TYPE 4 |
| | CLEAR ZONE |
| | DRAINAGE INLET |
| | DITCH |
| | FENCE - METAL |
| | FENCE - WOOD |
| | FLARED END SECTION |
| | GUARDRAIL, TYPE 1 |
| | GUARDRAIL, TYPE 2 |
| | GUARDRAIL, TYPE 3 |
| | GUARDRAIL END ANCHORAGE |
| | GUARDRAIL END TREATMENT, TYPE 1 |
| | GUARDRAIL END TREATMENT, TYPE 2 |
| | GUARDRAIL END TREATMENT, TYPE 3 |
| | HORIZONTAL CLEARANCE |
| | IMPACT ATTENUATOR |
| | JUNCTION BOX - DRAINAGE |
| | LIMIT OF CONSTRUCTION |
| | MANHOLE |
| | PAVEMENT PATCH |
| | PAVEMENT REMOVAL - TOPSOIL, SEED AND MULCH |
| | PIPE & DIRECTIONAL FLOW ARROW |
| | RIPRAP |
| | P.C.C. SIDEWALK @ 4" |
| | P.C.C. SIDEWALK @ 6" |
| | UNDERDRAIN |
| | UNDERDRAIN OUTLET |

| RIGHT-OF-WAY SYMBOLS | |
|----------------------|---------------------------------|
| | PROPOSED RIGHT-OF-WAY MONUMENT |
| | PROPOSED DENIAL OF ACCESS |
| | PROPOSED PERMANENT EASEMENT |
| | PROPOSED RIGHT-OF-WAY |
| | PROPOSED R/W & DENIAL OF ACCESS |
| | TEMPORARY CONSTRUCTION EASEMENT |
| | PROPOSED RIGHT-OF-WAY BASELINE |

| IDENTIFIERS | |
|-------------|---|
| | ADJUST BY CONTRACTOR |
| | ADJUST BY OTHERS |
| | CONCRETE SAFETY BARRIER |
| | CURB OR CURB & GUTTER |
| | CONVERT TO JUNCTION BOX |
| | CONVERT TO DRAINAGE MANHOLE |
| | CURB OPENING |
| | CURB RAMP / TYPE |
| | CURB RAMP / TYPE - WITHOUT SIDEWALK SURFACE DETECTABLE WARNING SYSTEM |
| | CONSTRUCTION SAFETY FENCE |
| | DRAINAGE INLET |
| | DO NOT DISTURB |
| | ENERGY DISSIPATOR |
| | FENCE |
| | FLARED END SECTION |
| | FILL WITH FLOWABLE FILL |
| | FILTRATION STRUCTURE |
| | GUARDRAIL |
| | JUNCTION BOX |
| | MANHOLE |
| | MONUMENT - RIGHT-OF-WAY |
| | PIPE |
| | RELOCATE BY CONTRACTOR |
| | RELOCATE BY OTHERS |
| | REMOVE BY CONTRACTOR |
| | REMOVE BY OTHERS |
| | UNDERDRAIN / LENGTH |
| | UNDERDRAIN OUTLET PIPE |

| LANDSCAPING | |
|-------------|---------------------|
| | LANDSCAPE PLANTINGS |
| | SHRUBBERY |
| | CONIFEROUS TREE |
| | DECIDUOUS TREE |

| TRAFFIC | |
|---------|-----------------------|
| | ITMS CONDUIT |
| | SIGNAL CONDUIT |
| | CONDUIT JUNCTION WELL |
| | LUMINAIRE |
| | PAVEMENT MARKINGS |
| | PAVEMENT STRIPING |
| | TRAFFIC SIGN |

| PAVEMENT SECTION(S) | |
|---------------------|--|
| | 2" MILL AND OVERLAY PAVEMENT - 2" WMA SUPERPAVE, TYPE C, 160 GYRATIONS, PG 64-22 (NON-CARBONATE STONE) (ITEM 401827) |
| | RECONSTRUCTED PAVEMENT - SEE PATCHING DETAIL FOR MATERIALS AND DEPTHS |
| | BRICK CROSSWALK - SEE DETAIL SHEET FOR MATERIALS AND DEPTHS |

LAST REVISED: 11/09/2010
DATE AGR 14/11/10 17 6TH STREET DESIGN/FINAL PLANS/REG005B55.DWG

GENERAL NOTES

- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2001 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2001, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.
- THE CONTRACTOR SHALL GIVE TWO (2) WEEKS NOTICE TO THE PROPERTY OWNER WHEN ANY FIXTURE, SHRUB OR OTHER OBJECT MUST BE REMOVED FROM THE RIGHT OF WAY OR EASEMENT AREA. IF THE OWNER HAS NOT ATTEMPTED TO SALVAGE THIS PROPERTY, THE CONTRACTOR SHALL REMOVE IT WITHOUT OBLIGATION. COMPENSATION SHALL BE INCIDENTAL TO THE CONTRACT.
- THE ENDS OF ALL CURBS SHALL BE DEPRESSED FLUSH WITH THE PAVEMENT AT A RATIO OF TWELVE TO ONE (12:1) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL PVC SLEEVES (4" INSIDE MINIMUM DIAMETER, 6" INSIDE MAXIMUM DIAMETER) IN PROPOSED CONCRETE SIDEWALKS, ISLANDS, AND MEDIANS FOR FUTURE TRAFFIC SIGN POSTS AS DIRECTED BY THE ENGINEER. THE LOWER END OF THE SLEEVE SHALL SIT ON THE TOP OF THE SUBBASE MATERIAL. THE COST SHALL BE INCIDENTAL TO THE CONTRACT.
- STAGING AREAS - PROPER EROSION AND SEDIMENT CONTROL MEASURES AS DETERMINED BY THE ENGINEER SHALL BE INSTALLED IN ALL STAGING AREAS. ALL AREAS USED BY THE CONTRACTOR FOR STAGING OPERATIONS SHALL BE FULLY RESTORED BY THE CONTRACTOR UPON COMPLETION OF THE CONTRACT. IF THE STAGING AREA IS PAVED, IT SHALL BE RESTORED TO ITS ORIGINAL CONDITION. IF THE AREA IS UNPAVED, IT SHALL BE RE-GRADED, TOPSOILED, SEEDED AND MULCHED IN ACCORDANCE WITH DELAWARE STANDARD SPECIFICATIONS 732, 734 AND 735, FOR TOPSOIL, SEED AND MULCH RESPECTIVELY, TO THE SATISFACTION OF THE ENGINEER. THE SEED SHALL ADHERE TO THE SPECIFICATIONS OF SECTION 734 FOR PERMANENT GRASS SEEDING - DRY GROUND. ALL COSTS ASSOCIATED WITH RESTORATION OF THE STAGING AREA SHALL BE AT THE CONTRACTOR'S EXPENSE. IF THE ENGINEER DETERMINES THAT A SATISFACTORY STAND OF GRASS DOES NOT EXIST AT THE TIME OF FINAL INSPECTION, ALL COSTS ASSOCIATED WITH REESTABLISHING A SATISFACTORY STAND OF GRASS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- SITE REVIEWER - AN EROSION CONTROL SITE REVIEWER SHALL BE A PERSON FROM THE CONTRACTOR'S STAFF ASSIGNED TO EROSION AND SEDIMENT CONTROL IMPLEMENTATION AND MAINTENANCE AND SHALL BE REQUIRED ON SPECIFIC PROJECTS. THE NAME AND DNREC CERTIFICATION NUMBER OF EACH SITE REVIEWER SO REQUIRED SHALL BE SUBMITTED TO THE DEPARTMENT. THE NAME OF THE DELAWARE REGISTERED PROFESSIONAL ENGINEER PROVIDING DIRECTION AND SUPERVISION OF THE SITE REVIEWER, AS REQUIRED IN SECTION 12.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS, SHALL ALSO BE SUBMITTED TO THE DEPARTMENT. THE SITE REVIEWER REQUIREMENTS IN EFFECT ON THIS PROJECT SHALL BE MARKED WITH AN "X" BELOW:

| EROSION POTENTIAL FOR THIS PROJECT | SITE REVIEWER REQUIREMENT |
|------------------------------------|---|
| (X) INSIGNIFICANT | NONE |
| () MINOR | CONTRACTOR CERTIFICATION COURSE TRAINING ONLY, AS DEFINED IN SECTION 13 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS. |
| () MEDIUM | AT THE TIME OF BID OF THE CONTRACT, EITHER THE SUPERINTENDENT OR A SEPARATE INDIVIDUAL FROM THE CONTRACTOR'S STAFF SHALL BE A CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 12 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS. |
| () MAJOR | SUPERINTENDENT AND AN INDIVIDUAL FROM CONTRACTOR'S STAFF SHALL BE CCR. ONE INDIVIDUAL FROM THE CONTRACTOR'S STAFF MUST BE A CCR AT THE TIME OF BID OF THE CONTRACT. THE SUPERINTENDENT MUST BECOME A CCR WITHIN ONE YEAR AFTER THE AWARD OF CONTRACT. |

- ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR INCLUDE:

| | |
|-------|--|
| (X) | NONE |
| () | ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER. |
| () | RASTER FILES, IN .CAL FILE FORMAT, FOR ALL PLAN SHEETS. |
| () | EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT. |
| () | PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT. |
| () | DESIGN FILE, IN .DGN FILE FORMAT, CONTAINING ONLY THE PROPOSED 3D TRIANGLES OF THE PROPOSED DIGITAL TERRAIN MODEL (DTM). |

NOTE: THE DOCUMENT ENTITLED "RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

- AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

| | |
|-------|--|
| (X) | THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. |
| () | THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT OR ANOTHER ATSSA CERTIFIED MEMBER OF THE CONTRACTOR'S PROJECT STAFF MAY BE THE ATSSA SUPERVISOR. |
| () | THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE ATSSA SUPERVISOR'S SOLE JOB SHALL BE SUPERVISION OF THE INSTALLATION, OPERATION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT SHALL NOT BE THE ATSSA SUPERVISOR. |

- THE DISTURBED AREA FOR THIS PROJECT IS 0.3 ACRES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO THE CONSTRUCTION SITE POLLUTION PREVENTION SPECIFICATIONS AS DETAILED IN SECTION 3.6 OF THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK". ALL COSTS ASSOCIATED WITH ADHERING TO THE STANDARDS SHALL BE INCIDENTAL TO THE OVERALL CONTRACT COSTS.
- THE EROSION AND SEDIMENT CONTROL PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE EROSION AND SEDIMENT CONTROL PLANS ARE VALID FOR A THREE YEAR PERIOD, BEGINNING ON THE DATE THE STORMWATER ENGINEER SIGNED THE CONSTRUCTION TITLE SHEET. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE THREE YEARS, THE CONTRACTOR SHALL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE EROSION AND SEDIMENT CONTROL PLAN APPROVAL. DELDOT WILL REVIEW THE CURRENT EROSION AND SEDIMENT CONTROL PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

PROJECT NOTES

SECTION 100

- ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- UNLESS OTHERWISE NOTED, EXISTING FEATURES (I.E. STEPS, FENCES, RAILINGS, BILCO DOORS, WINDOW WELLS, ETC.) SHALL NOT BE DISTURBED. IF THE EXISTING FEATURES ARE DISTURBED BY THE CONTRACTOR AT THE DISCRETION OF THE ENGINEER THEY SHALL BE RESTORED TO THE ORIGINAL CONDITION OR REPLACED AT THE CONTRACTOR'S EXPENSE.

SECTION 200

- THE ENGINEER MAY REQUIRE THE CONTRACTOR TO EXCAVATE TEST PITS ALONG PROPOSED DRAINAGE RUNS, AT POINTS OF POSSIBLE UTILITY CONFLICTS, TO DETERMINE IF A CONFLICT EXISTS. ANY CONFLICTS SHALL BE COORDINATED BY THE CONTRACTOR, WITH THE ENGINEER AND THE UTILITY COMPANY INVOLVED. THE ENGINEER SHALL ULTIMATELY DETERMINE THE SOLUTION TO THE UTILITY CONFLICT. TEST HOLES SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ITEM 202000 - EXCAVATION AND EMBANKMENT, BUT ONLY TO THE ACTUAL DEPTH EXCAVATED.
- THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S TEAM SUPPORT SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.

SECTION 300

- ITEMS TO BE REMOVED UNDER ITEM 21000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - PARKING METER POLES AND FOUNDATIONS
- A. THE CONTRACTOR MAY ELECT TO USE ANY OF THE FOLLOWING MATERIALS TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B':
 - CRUSHED STONE (PER STANDARD SPECIFICATION 821)
 - CRUSHED CONCRETE (PER STANDARD SPECIFICATION 821)
 - HOT-MIX MILLINGS (PER SPECIAL PROVISION 302514 MILLED HOT-MIX BASE COURSE)

THE CONTRACTOR WILL NOT BE ALLOWED TO MIX DIFFERENT MATERIALS (OR SIMILAR MATERIALS FROM DIFFERENT SOURCES) TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

ALL OF THE ABOVE LISTED MATERIALS ARE PERMITTED FOR USE ON THE JOB, PROVIDED THEY ARE SEPERATED INTO APPROVED AREAS. EACH AREA OF BASE COURSE MUST BE CONSTRUCTED USING MATERIALS FROM A SINGULAR SOURCE, FULL DEPTH, IN ORDER THAT PROPER TESTING MAY BE ACCOMPLISHED. THE CONTRACTOR AND DELDOT'S PROJECT ENGINEER SHALL AGREE ON THE LIMITS OF EACH SOURCE OF MATERIAL PRIOR TO PLACEMENT.

- THE QUANTITY USED FOR BASE OF EACH OF THE ABOVE LISTED MATERIALS WILL BE THE CONTRACTOR'S CHOICE, WITH THE TOTAL MEETING THE ADVERTISED QUANTITY OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.
- THE CONTRACTOR MAY ALSO ELECT TO RECYCLE MILLINGS FOR USE IN HOT-MIX AS PERMITTED BY THE STANDARD SPECIFICATIONS. THE CHOICE OF THE QUANTITY OF MILLINGS USED FOR THIS PURPOSE, OR FOR BASE COURSE, LIES WITH THE CONTRACTOR. ALL MILLING MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.

- HOT-MIX MILLINGS MAY BE GENERATED FROM THE FOLLOWING SOURCES:
 - MATERIAL MADE AVAILABLE WHEN MILLED ON THIS CONTRACT UNDER ITEM 760000.
 - MATERIAL MILLED ON THIS CONTRACT AT THE CONTRACTOR'S CHOICE UNDER ITEM 202000.
 - MILLED MATERIAL FURNISHED ON THE JOB FROM THE CONTRACTOR'S YARD OR OTHER OUTSIDE SOURCE.
 ALL MILLED MATERIALS SHALL MEET THE MATERIAL REQUIREMENTS OF ITEM 302514 - MILLED HOT-MIX BASE COURSE.

- PAYMENT CLARIFICATION:
 - SHOULD THE CONTRACTOR ELECT TO MILL PORTIONS OF HOT-MIX SHOWN ON THE PLANS TO BE REMOVED UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT THE COST OF MILLING THIS HOT-MIX WILL BE PAID AS ITEM 202000 - EXCAVATION AND EMBANKMENT. THE MILLINGS GENERATED MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE, OR DISPOSED OF TO AN APPROVED SITE. HAULING COSTS FOR DISPOSAL AND/OR RECYCLING ARE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.
 - MILLINGS GENERATED UNDER ITEM 760000 - PAVEMENT - MILLING HOT MIX MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE OR DISPOSED OF BY THE CONTRACTOR TO AN APPROVED SITE. NO SEPARATE PAYMENT WILL BE MADE FOR TRANSPORTING MILLINGS ON SITE OR TO AN APPROVED DISPOSAL SITE.
 - SHOULD THE CONTRACTOR ELECT TO TEMPORARILY STOCKPILE MILLINGS ON THE JOB SITE FOR LATER USE, ALL COSTS FOR STOCKPILING AND SUBSEQUENT REHANDLING SHALL BE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.
 - MILLINGS USED FOR BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE. NO SEPARATE PAYMENT WILL BE MADE TO FURNISH MILLINGS FROM AN OUTSIDE SOURCE OR TRANSPORT MILLINGS WITHIN THE PROJECT LIMITS. MILLINGS USED FOR BASE COURSE WILL BE PAID IN PLACE AT THE UNIT BID PRICE FOR ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.
 - ALL COSTS TO UTILIZE MILLINGS IN RECYCLED HOT-MIX WILL BE INCIDENTAL TO THE UNIT PRICE BID FOR THE HOT-MIX ITEM USING THE RECYCLED MATERIAL.
 - SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE IS PROVIDED TO SPECIFY THE MEANS OF LAY DOWN AND COMPACTION AS WELL AS THE MATERIAL REQUIREMENTS FOR MILLINGS USED AS BASE COURSE. ALL COSTS TO BRING THE MILLINGS INTO COMPLIANCE WITH THE REQUIREMENTS OF ITEM - 302514 MILLED HOT-MIX BASE COURSE ARE INCIDENTAL TO ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'. NO PAYMENT WILL BE MADE FOR ITEM 302514 - MILLED HOT-MIX BASE COURSE. THE QUANTITY OF MILLINGS USED FOR BASE COURSE WILL BE PAID FOR UNDER ITEM 302007 - GRADED AGGREGATE BASE COURSE.

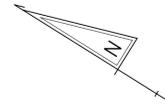
SECTION 700

- IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK, INCLUDING SAW CUTTING EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.

- WHERE PROPOSED CONCRETE SIDEWALK IS CONSTRUCTED TO MEET EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE SAWCUT AT THE TIE-IN POINT OR MEET THE NEAREST EXISTING SIDEWALK JOINT. ALL SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 762002 - SAWCUTTING, CONCRETE, FULL DEPTH.
- STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS, AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.
- ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.
- ALL HOT-MIX SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MISCELLANEOUS

- THE CONTRACTOR SHALL CONTACT MICHAEL ELLER, THE CHIEF OF SCHEDULING FOR DART FIRST STATE, 14 DAYS PRIOR TO THE START OF CONSTRUCTION AT (302) 576-6061.
- CONTRACTOR MUST COORDINATE CLOSING ENTRANCES AND EXITS OF BUILDINGS ADJACENT TO 6TH STREET WITH TRACI PARMAN FROM THE DELAWARE COLLEGE OF ART AND DESIGN AT (302) 622-8867 AT LEAST ONE WEEK PRIOR TO CONSTRUCTION PHASE.
- ACCESS TO VAULT LOCATED WITHIN THE SAVILLE PROPERTY SHALL BE COORDINATED WITH TRACI PARMAN FROM THE DELAWARE COLLEGE OF ART AND DESIGN AT (302) 622-8867 AT LEAST ONE WEEK PRIOR TO CONSTRUCTION.
- THE LOCATION OF TWO SEWER CLEANOUTS IN THE SAVILLE BUILDING'S VAULT ARE TO BE ADJUSTED SO THEY CAN BE ACCESSED FROM THE PROPOSED SIDEWALK SURFACE. ADJUSTMENT OF THESE CLEANOUTS TO BE PAID FOR UNDER ITEM 710507 - ADJUST AND REPAIR EXISTING SANITARY CLEANOUTS.
- EXISTING PARKING METERS WITHIN THE PROJECT LIMITS WILL BE REMOVED BY THE CITY OF WILMINGTON PRIOR TO CONSTRUCTION AND REPLACED BY THE CITY AFTER CONSTRUCTION IS COMPLETE. THE CONTRACTOR SHALL NOTIFY AND CLOSELY COORDINATE WITH THE DEPARTMENT OF PUBLIC WORKS AT (302) 571-4233 AT LEAST TWO WEEKS PRIOR TO COMMENCING CONSTRUCTION.
- PRIOR TO THE CONSTRUCTION OF THE PROJECT AND WITHIN 20 DAYS OF EXECUTION OF THE CONTRACT, A VIDEO SHALL BE TAKEN OF THE SITE BY THE CONTRACTOR AND A COPY GIVEN TO THE DELDOT PROJECT ENGINEER. THE VIDEO SHALL CLEARLY SHOW THE PRE-CONSTRUCTION CONDITIONS OF THE WORKSITE AND ADJOINING AREAS. THE VIDEO WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE COST OF THE VIDEO SHALL BE INCIDENTAL TO ITEM 763501 - CONSTRUCTION ENGINEERING.
- THE LOCATION OF ALL ABOVE GROUND ITEMS TO BE INSTALLED, SUCH AS LIGHTS, TREES, SIGNS, ETC. SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
- ALL BRICK OR CONCRETE SAWCUTTING SHALL BE DONE WITH A WET SAW CUT TO CONTROL DUST.
- THE CONTRACTOR SHALL MARK THEIR NAME IN THE CONCRETE SIDEWALK, EITHER BY STAMPING OR BY INLAYING AN APPROVED METAL PLATE. THE STAMPED LETTERS SHALL BE ONE AND ONE-QUARTER INCH DEPTH. IF A METAL PLATE IS USED THE TOP OF THE PLATE SHALL BE FLUSH WITH THE TOP OF THE SIDEWALK. THE CONTRACTORS NAME SHALL BE PLACED AT EACH END OF THE FINISHED SIDEWALK UP TO 100 FEET IN LENGTH BEYOND THE 100 FEET LENGTH. THE CONTRACTORS NAME SHALL BE PLACED AT THE ENDS OF THE FINISHED SIDEWALK AND MID DISTANT BETWEEN THE ENDS IN ACCORDANCE WITH THE WILMINGTON CODE OF ORDINANCES.
- THERE ARE NO ENVIRONMENTAL PERMITS ASSOCIATED WITH THIS PROJECT. AS SUCH, AN ENVIRONMENTAL COMPLIANCE SHEET WAS NOT PREPARED.
- TRASH RECEPTACLES LOCATED WITHIN THE PROJECT LIMITS SHALL BE RESET BY CONTRACTOR. WORK SHALL BE PAID FOR UNDER STRUCTURES AND OBSTRUCTIONS (ITEM 211000).
- CONTRACTOR SHALL BE AWARE THAT THE PROJECT IS LOCATED WITHIN THE OLD TOWN HALL COMMERCIAL HISTORIC DISTRICT. AS SUCH, NO FURTHER WORK SHOULD BE UNDERTAKEN OTHER THEN THE NECESSARY PLANS AND SCOPE, AS INDICATED. ANY PLAN MODIFICATION SIGNIFICANT IN NATURE OR NEW INFORMATION NOT INITIALLY KNOWN THAT ALTERS PLANS AND DESIGNS WILL BE COORDINATED WITH DELDOT PLANNING (JEFF NIEZGODA 302-760-2178) AND THE ENVIRONMENTAL STUDIES OFFICE (MICHAEL HAHN 302-760-2131). THEY WILL COORDINATE WITH THE DELAWARE STATE HISTORIC PRESERVATION OFFICE (SHPO) AND FEDERAL HIGHWAY ADMINISTRATION (FHWA) OR ANY OTHER INTERESTED PARTY BEFORE ANY ACTION IS IMPLEMENTED. PROPOSED OR NECESSARY MODIFICATIONS AND CHANGES WILL BE REVIEWED TO ENSURE PROPER TREATMENT AN CONSIDERATIONS TO HISTORIC PROPERTIES, PER SHPO, FHWA, THE PROPERTY OWNER(S), THE PROJECT SPONSOR, AND THE CONTRACTOR'S DIALOGUE.
- HORIZONTAL CLEARANCE AND CLEAR ZONE IS EQUAL TO 2' BEHIND THE FACE OF CURB THOUGHOUT THE PROJECT.



| CONSTRUCTION ALIGNMENT CONTROL | | | | |
|--------------------------------|-------------|--------|-------------|-------------|
| POINT | STATION | OFFSET | NORTHING | EASTING |
| 1000 | 600+00.0000 | 0.0000 | 634471.6258 | 618555.7945 |
| 1001 | 603+46.0641 | 0.0000 | 634309.1613 | 618861.3510 |

| HORIZONTAL / VERTICAL CONTROL DATA | | | | | |
|------------------------------------|-------------|----------|-------------|-------------|-----------|
| POINT | STATION | OFFSET | NORTHING | EASTING | ELEVATION |
| 1 | * | * | 634327.5915 | 618886.3249 | 73.47 |
| 2 | 600+22.5178 | -10.1834 | 634470.0484 | 618580.4573 | 79.01 |

- * TRAVERSE POINT OUTSIDE BASELINE LIMITS
- NEGATIVE OFFSET DENOTES LEFT OF BASELINE
- HORIZONTAL DATUM BASED ON NATIONAL GEODETIC SURVEY (N. A. D. 83)
- VERTICAL DATUM BASED ON NATIONAL GEODETIC SURVEY (N. A. V. D. 88)



COPY

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| ADDENDUMS / REVISIONS | |
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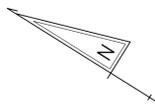


6TH STREET ENHANCEMENTS

| | | |
|------------|-----------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: TM | |
| COUNTY | CHECKED BY: JMH | |
| NEW CASTLE | | |

HORIZONTAL AND VERTICAL CONTROL

| |
|--------------|
| HV-01 |
| SHEET NO. |
| 5 |
| TOTAL SHTS. |
| 24 |

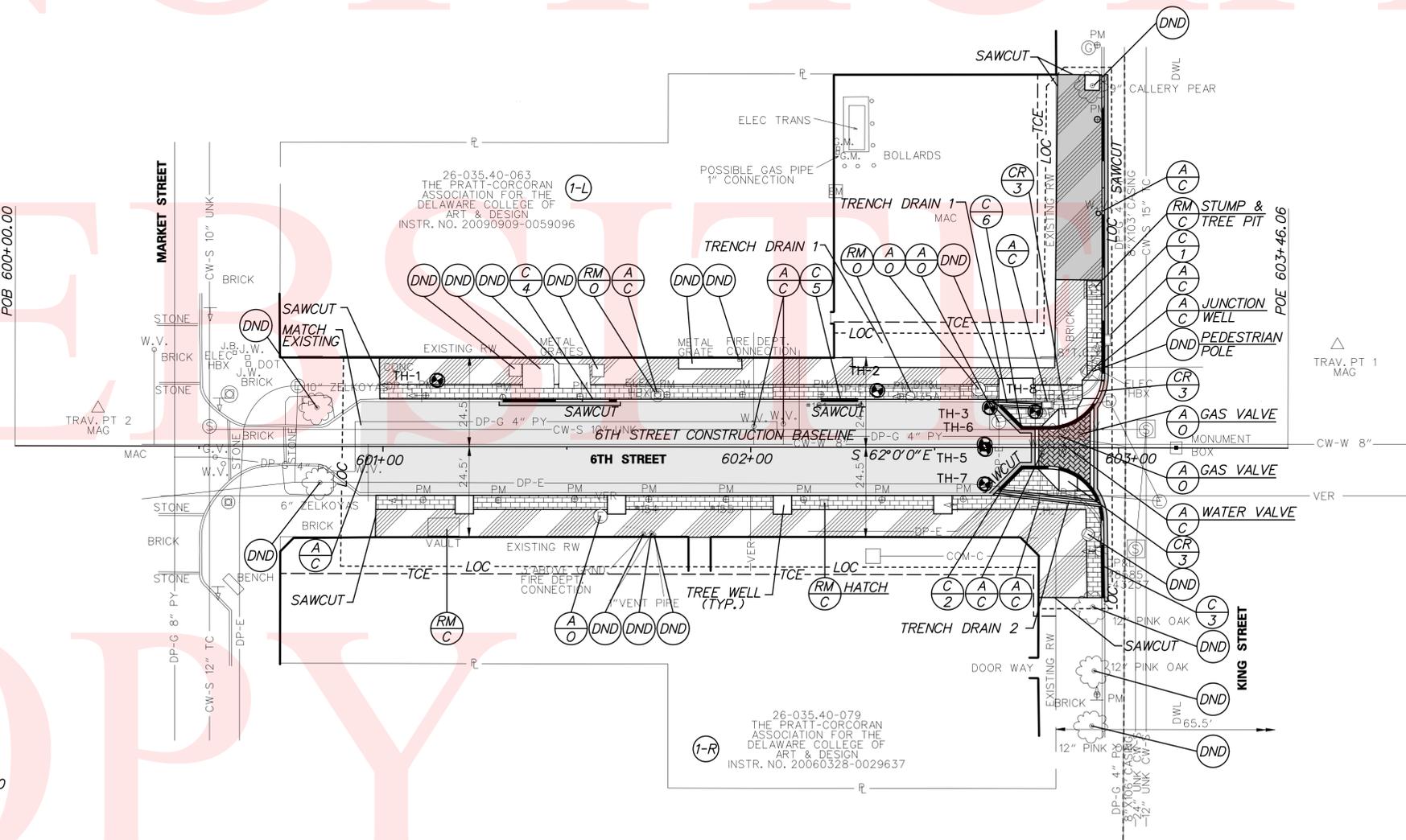


| CURB SCHEDULE | | |
|---------------|-------------------------|--------|
| NO. | ITEM DESCRIPTION / TYPE | LENGTH |
| 1 | PCC CURB, TYPE 1-8 | 77 |
| 2 | PCC CURB, TYPE 1-8 | 13 |
| 3 | PCC CURB, TYPE 1-8 | 25 |
| 4 | STONE CURB | 31 |
| 5 | STONE CURB | 10 |
| 6 | PCC CURB, TYPE 1-8 | 13 |

| DEPRESSED CURB SCHEDULE | | | | |
|-------------------------|---------------|--------|-------------|--------|
| NO. | BEGIN STATION | OFFSET | END STATION | OFFSET |
| 1 | 602+96.08 | -44.38 | 602+96.04 | -86.39 |

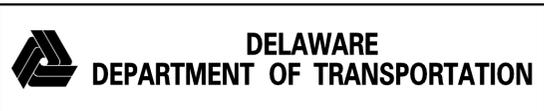
| TEST HOLE SCHEDULE | | | | | | |
|--------------------|----------------------------|-----------|-----------|---------------------|-------|--|
| NO. | UTILITY | NORTHING | EASTING | EL. EXISTING GROUND | COVER | O. D. AND MATERIAL |
| 1 | DELMARVA POWER - ELECTRIC | 634433.63 | 618665.54 | 78.02' | 2.51' | 26" WIDE X 36" HIGH CONCRETE DUCT BANK |
| 2 | DELMARVA POWER - ELECTRIC | 634375.23 | 618770.00 | 74.50' | 1.25' | 26" WIDE X 26" HIGH CONCRETE DUCT BANK |
| 3 | DELMARVA POWER - ELECTRIC | 634356.78 | 618794.81 | 72.97' | 1.05' | CONCRETE VAULT |
| 4 | CITY OF WILMINGTON - SEWER | * | * | 72.57' | 7.64' | * |
| 4A | CITY OF WILMINGTON - SEWER | * | * | 78.63' | 7.95' | * |
| 5 | DELMARVA POWER - GAS | 634347.37 | 618788.44 | 72.87' | 2.68' | 4" PLASTIC |
| 6 | CITY OF WILMINGTON - WATER | 634348.75 | 618788.98 | 72.89' | 3.01' | 8" C/I |
| 7 | VERIZON | 634339.17 | 618783.94 | 72.25' | 3.42' | 36" WIDE X 22" HIGH CONCRETE DUCT BANK |
| 8 | DELMARVA POWER - ELECTRIC | 634350.06 | 618805.27 | 72.54' | 1.01' | CONCRETE VAULT |

* SEWER LINE WAS DETERMINED BY MEASUREMENTS TO THE TOP OF PIPE IN MANHOLES IN KING STREET AND MARKET STREET

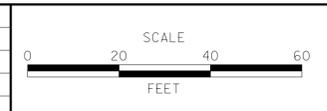


- NOTES:**
- WHERE LIMIT OF CONSTRUCTION IS NOT SHOWN, IT IS COINCIDENT WITH BUILDING LINE OR RIGHT-OF-WAY.
 - ALL PROPOSED CURB TO MATCH EXISTING ELEVATION TO ADJACENT EXISTING CURB.
 - SEE SHEET 11 FOR VAULT DETAILS
 - ANY REMAINING EXISTING BRICK DISTURBED DURING CONSTRUCTION SHALL BE RESET TO EXISTING CONDITIONS. ALL MATERIAL AND WORK SHALL BE INCIDENTAL TO ITEM 705504 BRICK AND/OR BLOCK SIDEWALK AND ITEM 705001 P.C.C. SIDEWALK, 4".
 - PARKING METER POSTS TO BE REMOVED BY OTHERS AS PER MISCELLANEOUS NOTE 16 ON THE PROJECT NOTES SHEET. IDENTIFIERS NOT SHOWN FOR CLARITY.

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| ADDENDUMS / REVISIONS |
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6TH STREET ENHANCEMENTS

| | | |
|------------|--------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: | TM |
| COUNTY | CHECKED BY: | JMH |
| NEW CASTLE | | |

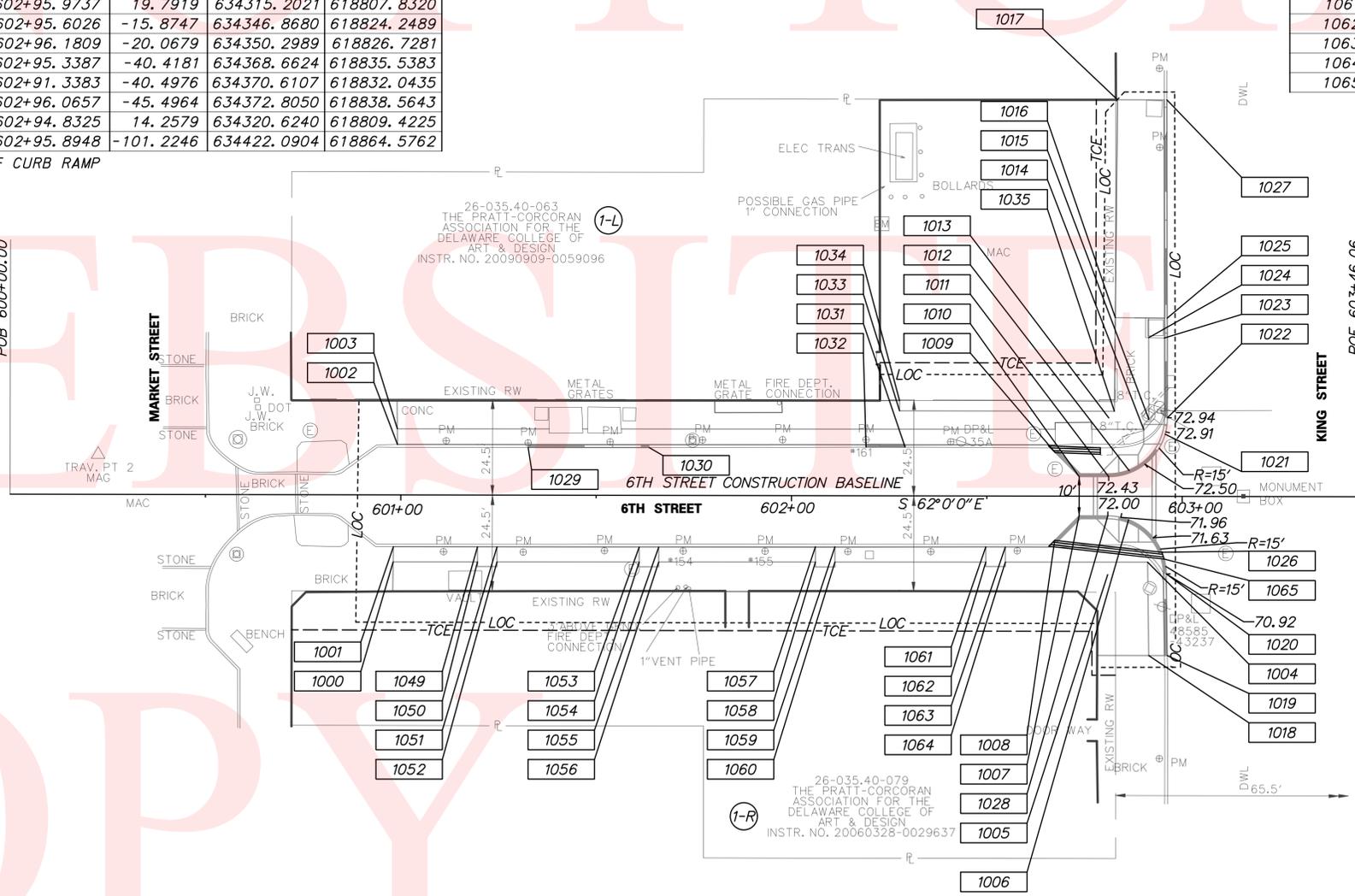
CONSTRUCTION PLAN

| |
|--------------|
| CP-01 |
| SHEET NO. |
| 6 |
| TOTAL SHTS. |
| 24 |

| COORDINATE LIST | | | | |
|-----------------|-------------|-----------|-------------|-------------|
| POINT NO. | STATION | OFFSET | NORTHING | EASTING |
| 1000 | 600+98.0788 | 17.1099 | 634410.4762 | 618634.3603 |
| 1001 | 600+98.1294 | 13.2277 | 634413.8802 | 618636.2276 |
| 1002 | 600+99.1408 | -12.8615 | 634436.4408 | 618649.3688 |
| 1003 | 600+99.0901 | -16.8615 | 634439.9963 | 618651.2019 |
| 1004 | 602+91.1817 | 16.8006 | 634320.0929 | 618805.0053 |
| 1005 | 602+80.9751 | 20.0000 | 634322.0598 | 618794.4914 |
| 1006* | 602+86.2988 | 5.9765 | 634331.9425 | 618805.7755 |
| 1007 | 602+73.6258 | 5.0000 | 634338.7543 | 618795.0444 |
| 1008 | 602+67.3925 | 11.2811 | 634336.1347 | 618786.5919 |
| 1009 | 602+67.4964 | -11.1135 | 634355.8592 | 618797.1973 |
| 1010 | 602+73.6258 | -5.0000 | 634347.5838 | 618799.7391 |
| 1011 | 602+81.1811 | -5.0000 | 634344.0367 | 618806.4100 |
| 1012* | 602+86.2451 | -5.8807 | 634342.4369 | 618811.2947 |
| 1013 | 602+81.1811 | -20.0000 | 634357.2810 | 618813.4521 |
| 1014 | 602+90.1040 | -17.1079 | 634350.5383 | 618819.9728 |
| 1015 | 602+91.4326 | -19.6772 | 634352.1831 | 618822.3521 |
| 1016 | 602+82.7981 | -45.6007 | 634379.1259 | 618826.8987 |
| 1017 | 602+83.2555 | -101.2243 | 634428.0239 | 618853.4162 |
| 1018 | 602+91.5125 | 40.6464 | 634298.8830 | 618794.1024 |
| 1019 | 602+96.2630 | 40.6464 | 634296.6528 | 618798.2968 |
| 1020 | 602+95.9737 | 19.7919 | 634315.2021 | 618807.8320 |
| 1021* | 602+95.6026 | -15.8747 | 634346.8680 | 618824.2489 |
| 1022 | 602+96.1809 | -20.0679 | 634350.2989 | 618826.7281 |
| 1023 | 602+95.3387 | -40.4181 | 634368.6624 | 618835.5383 |
| 1024 | 602+91.3383 | -40.4976 | 634370.6107 | 618832.0435 |
| 1025 | 602+96.0657 | -45.4964 | 634372.8050 | 618838.5643 |
| 1026 | 602+94.8325 | 14.2579 | 634320.6240 | 618809.4225 |
| 1027 | 602+95.8948 | -101.2246 | 634422.0904 | 618864.5762 |

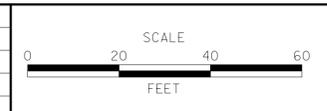
* CENTER OF CURB RAMP

| COORDINATE LIST | | | | |
|-----------------|-------------|----------|-------------|-------------|
| POINT NO. | STATION | OFFSET | NORTHING | EASTING |
| 1028 | 602+80.9751 | 5.0000 | 634335.3040 | 618801.5334 |
| 1029 | 601+32.5749 | -12.1630 | 634420.1277 | 618678.5614 |
| 1030 | 601+63.5524 | -12.2011 | 634405.6183 | 618705.9308 |
| 1031 | 602+29.0520 | -12.4394 | 634375.0785 | 618763.8754 |
| 1032 | 602+19.0520 | -12.4315 | 634379.7662 | 618755.0422 |
| 1033 | 602+27.6217 | -21.7000 | 634383.9266 | 618766.9600 |
| 1034 | 602+27.6173 | -24.3148 | 634386.2374 | 618768.1838 |
| 1035 | 602+82.6016 | -21.7000 | 634358.1151 | 618815.5045 |
| 1049 | 601+19.6491 | 13.2418 | 634403.7649 | 618655.2217 |
| 1050 | 601+19.6564 | 17.0753 | 634400.3766 | 618653.4285 |
| 1051 | 601+24.6491 | 13.2450 | 634401.4146 | 618659.6350 |
| 1052 | 601+24.6564 | 17.0673 | 634398.0363 | 618657.8470 |
| 1053 | 601+61.0404 | 13.2261 | 634384.3467 | 618691.7755 |
| 1054 | 601+61.0476 | 17.0090 | 634381.0031 | 618690.0059 |
| 1055 | 601+66.0404 | 13.2178 | 634382.0066 | 618696.1941 |
| 1056 | 601+66.0476 | 17.0010 | 634378.6629 | 618694.4244 |
| 1057 | 602+06.1460 | 13.0547 | 634363.3222 | 618731.6818 |
| 1058 | 602+06.1535 | 16.9368 | 634359.8910 | 618729.8659 |
| 1059 | 602+11.1460 | 13.0467 | 634360.9819 | 618736.1003 |
| 1060 | 602+11.1535 | 16.9288 | 634357.5507 | 618734.2844 |
| 1061 | 602+49.7660 | 12.9890 | 634342.9019 | 618770.2269 |
| 1062 | 602+49.7734 | 16.8669 | 634339.4744 | 618768.4128 |
| 1063 | 602+54.7660 | 12.9968 | 634340.5476 | 618774.6380 |
| 1064 | 602+54.7734 | 16.8589 | 634337.1341 | 618772.8313 |
| 1065 | 602+95.4345 | 16.0102 | 634318.7943 | 618809.1314 |



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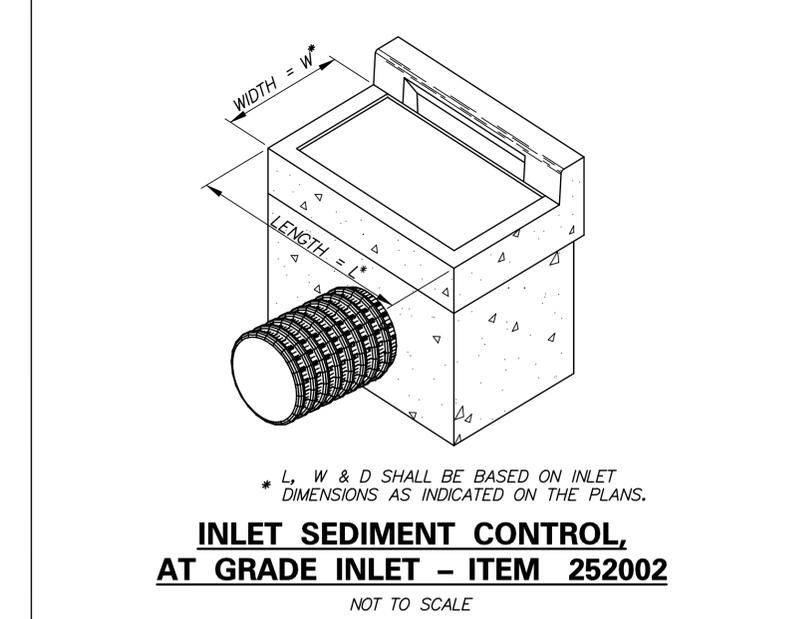
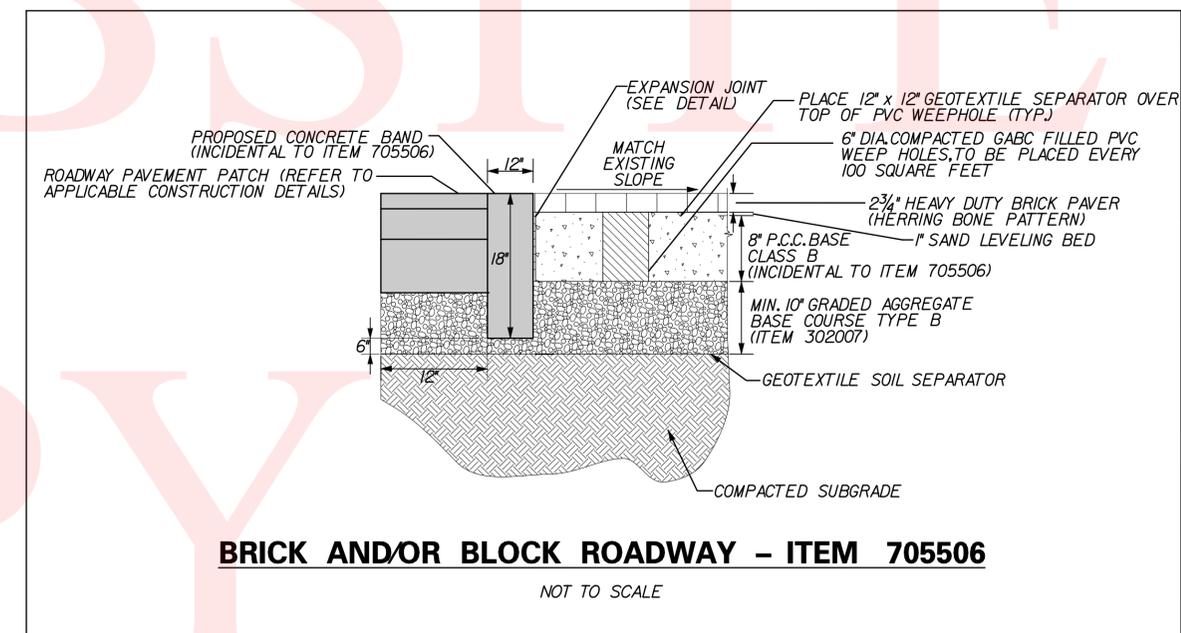
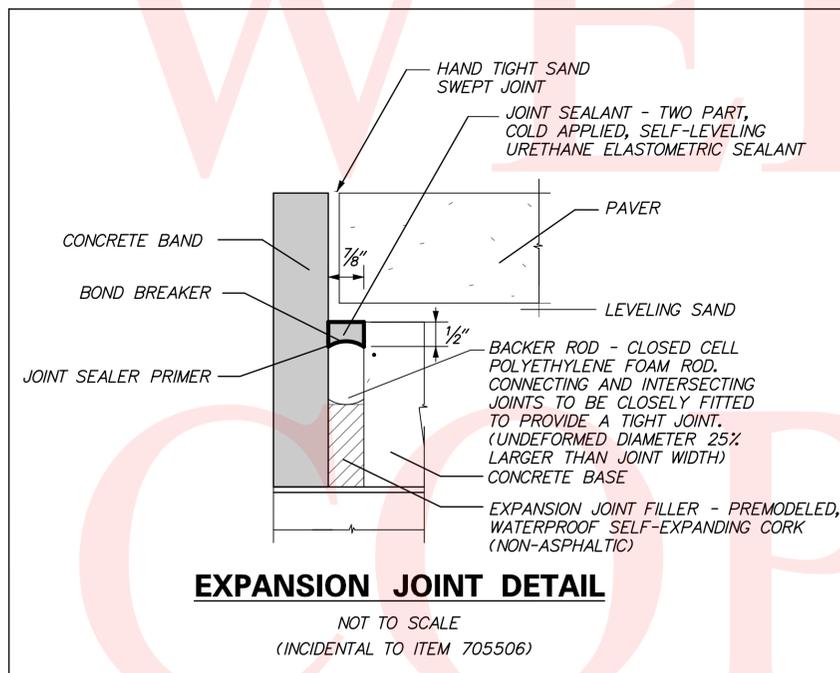
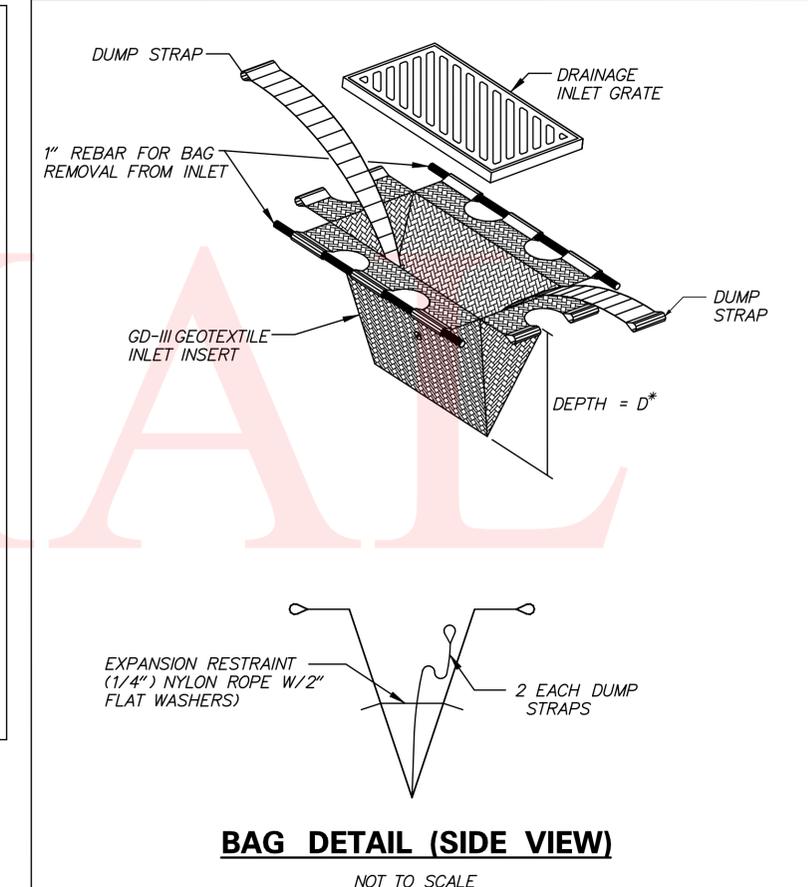
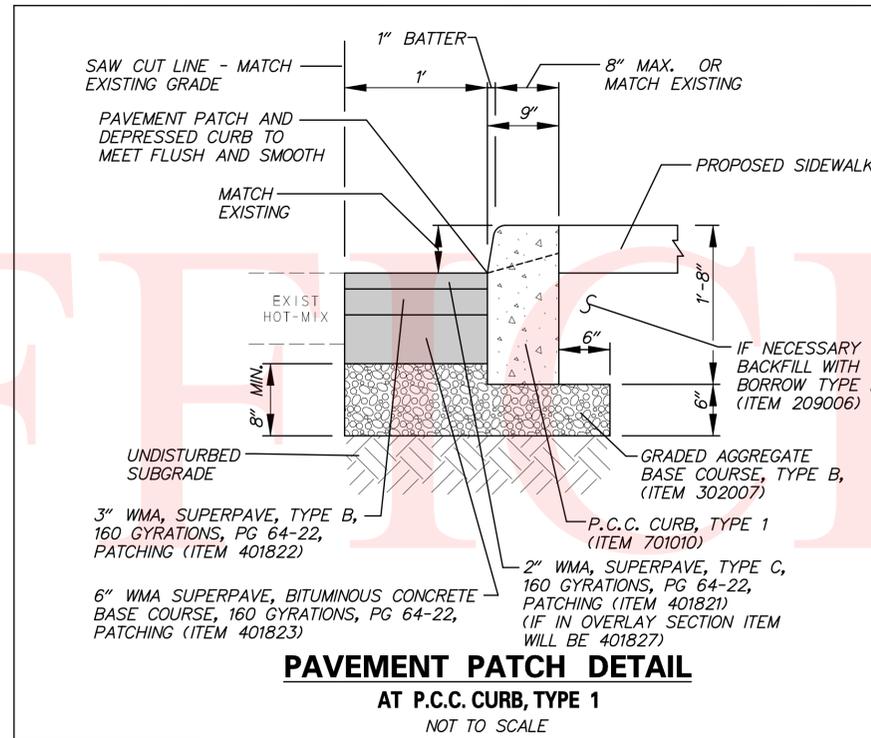
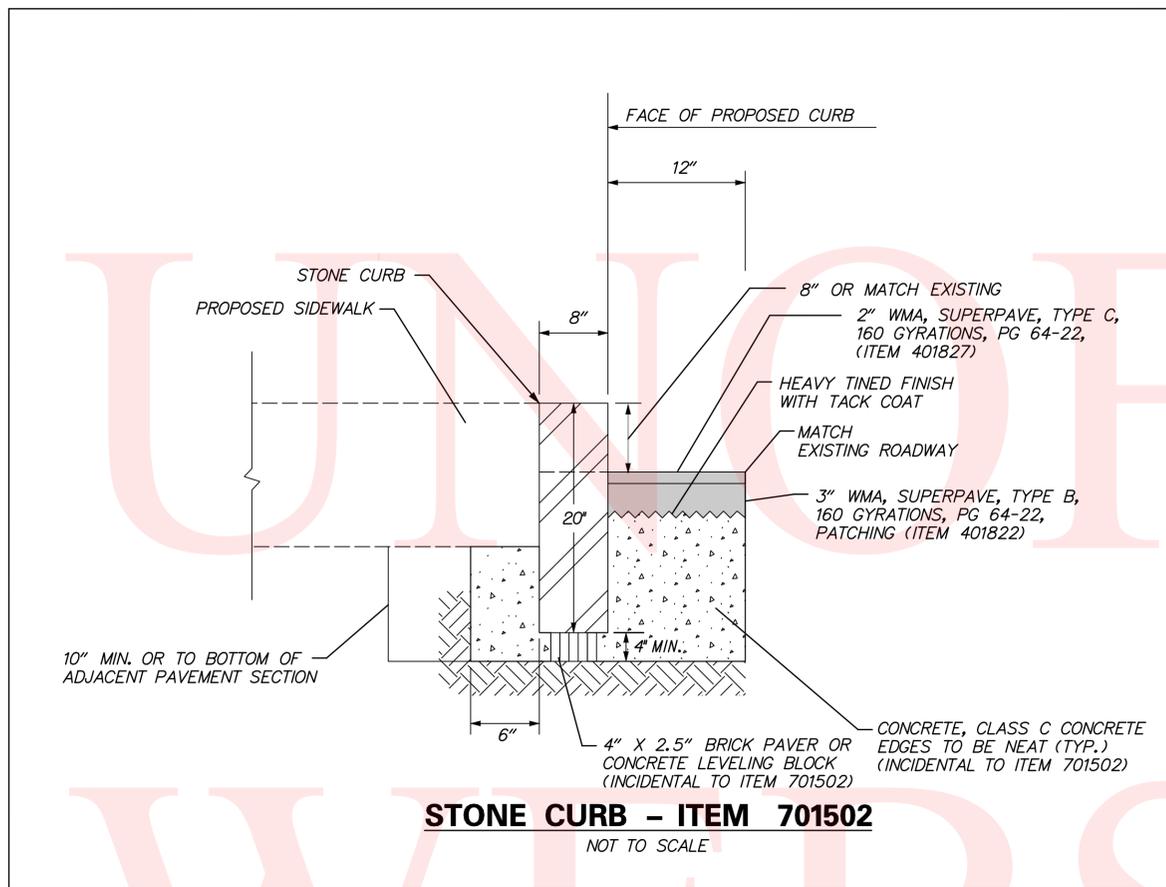
| ADDENDUMS / REVISIONS |
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6TH STREET ENHANCEMENTS

| | | |
|------------|--------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: | TM |
| COUNTY | CHECKED BY: | JMH |
| NEW CASTLE | | |

GRADES AND GEOMETRICS



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| ADDENDUMS / REVISIONS |
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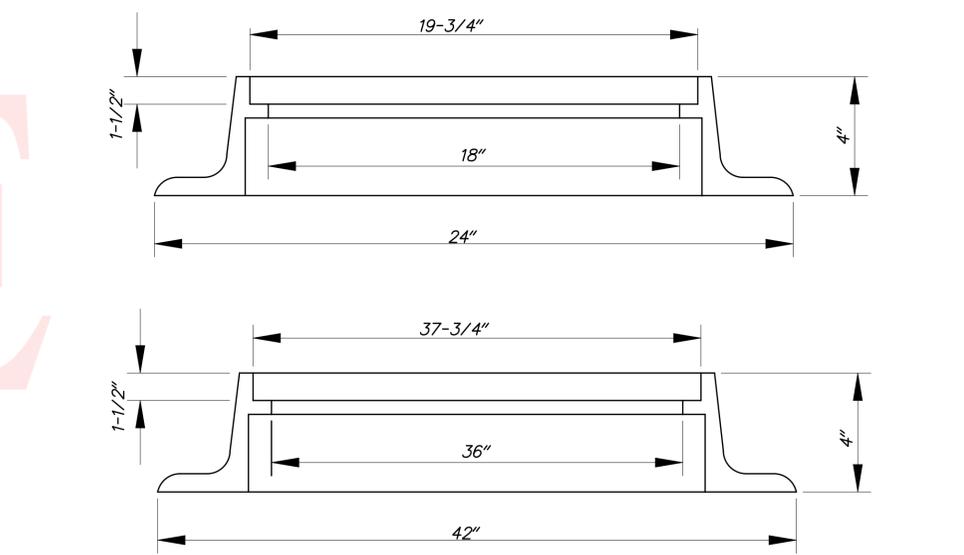
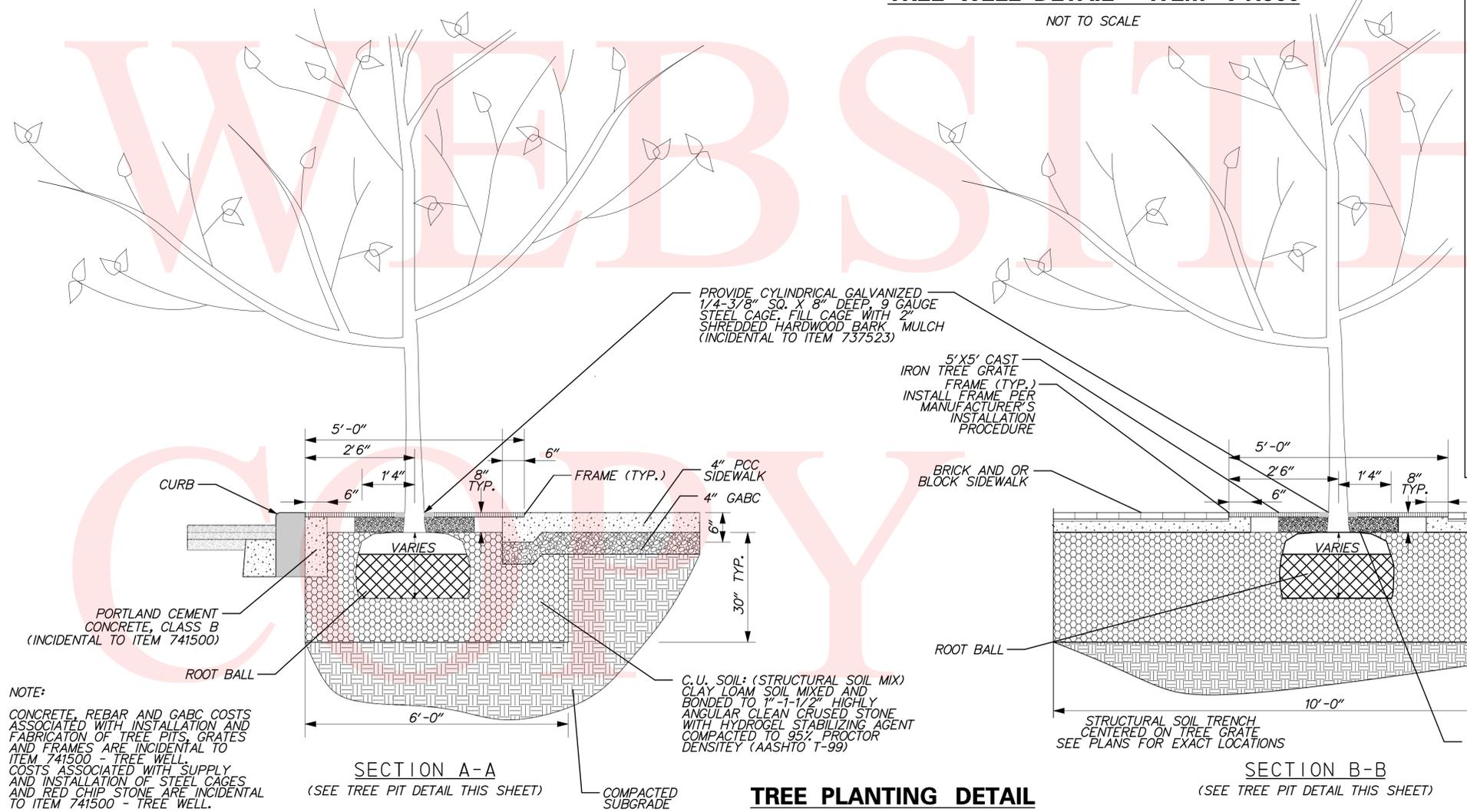
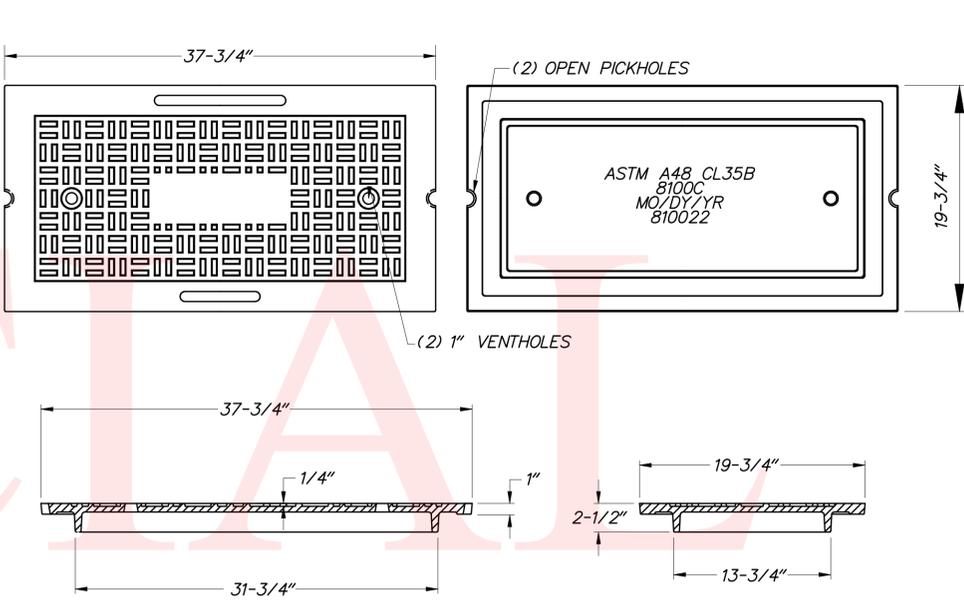
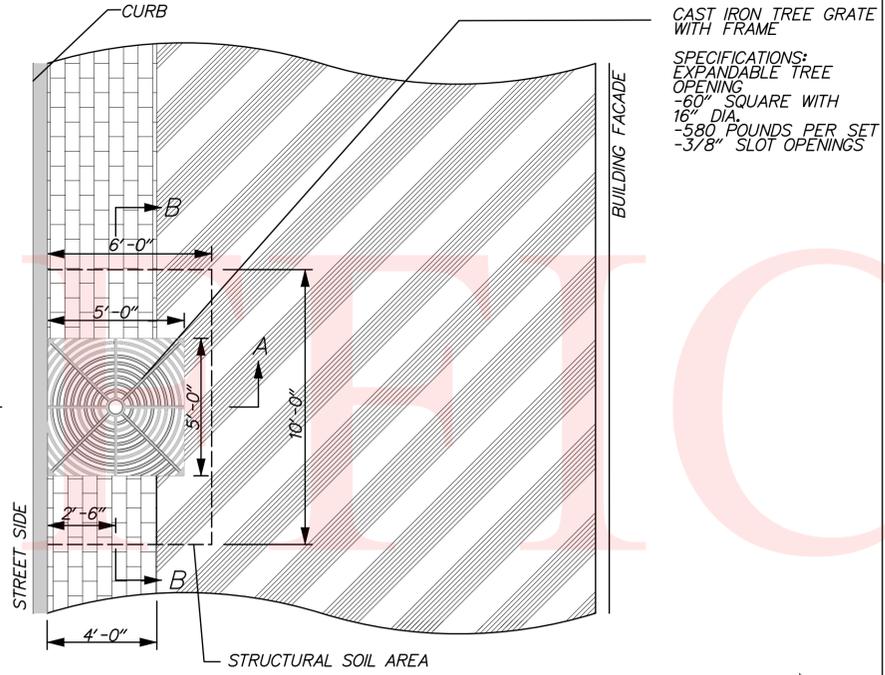
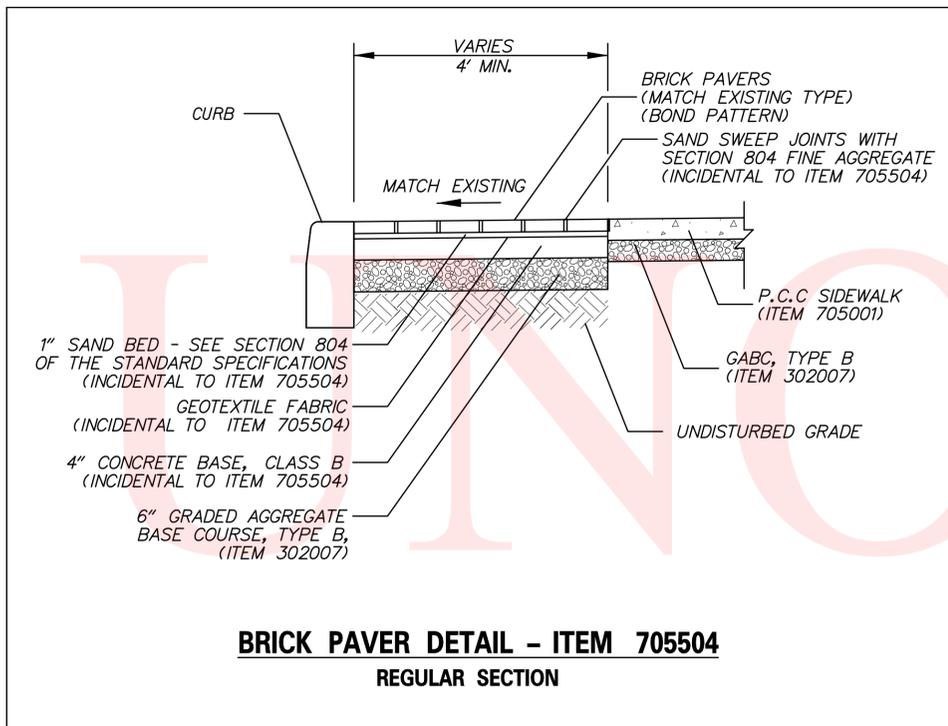
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6TH STREET ENHANCEMENTS

| | | |
|------------------------|-----------------|-----------------|
| CONTRACT T201020001 | BRIDGE NO. | NA |
| COUNTY NEW CASTLE | DESIGNED BY: TM | CHECKED BY: JMH |

| | |
|-----------------------------|-------------------|
| CONSTRUCTION DETAILS | SHEET NO. 8 |
| | TOTAL SHTS. 24 |

DT-01



PATE AGR 1471V10 17 6TH STREET DESIGN.FINAL PLANS.REF\SB_6TH.DGN

| ADDENDUMS / REVISIONS | |
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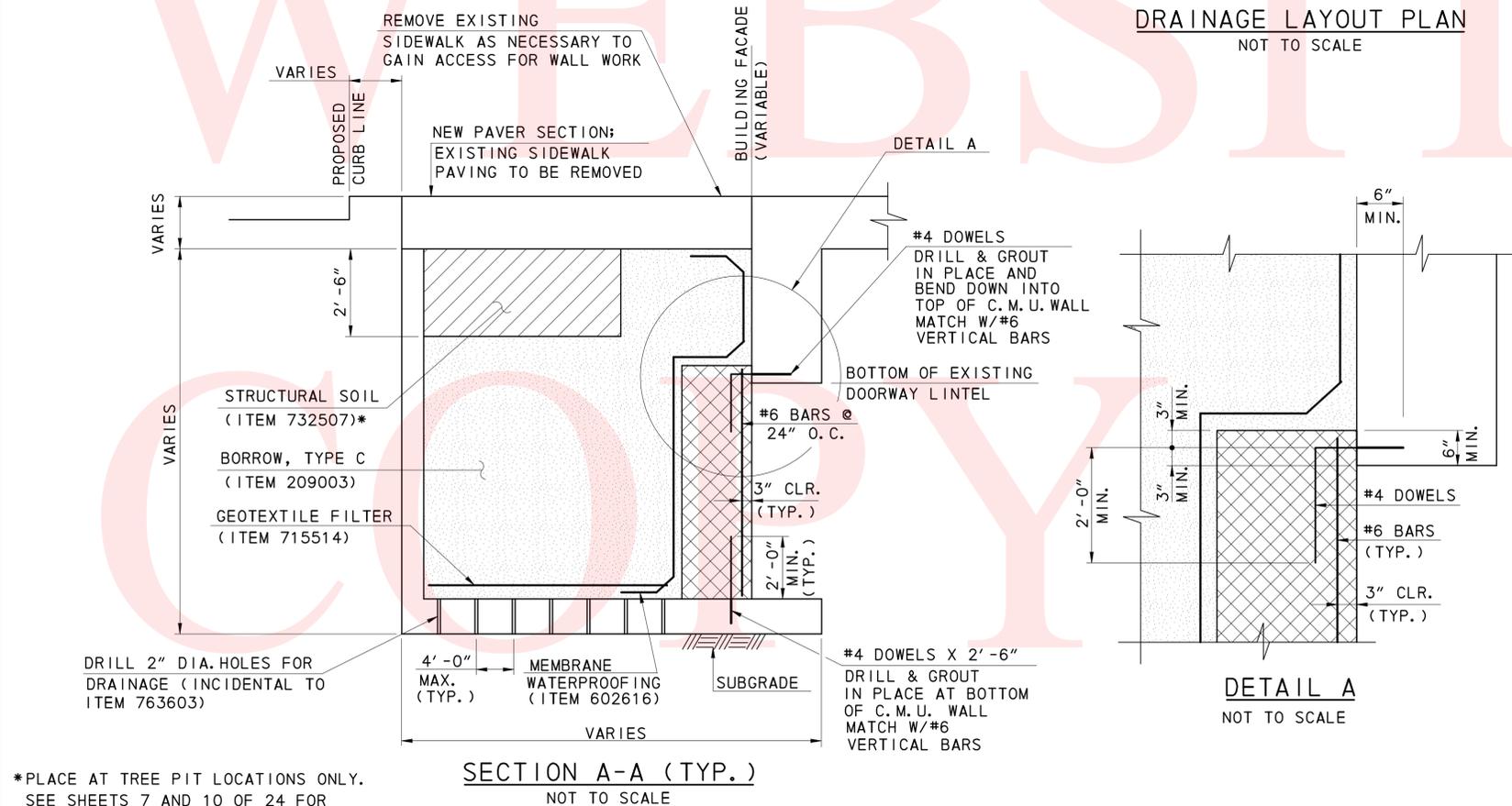
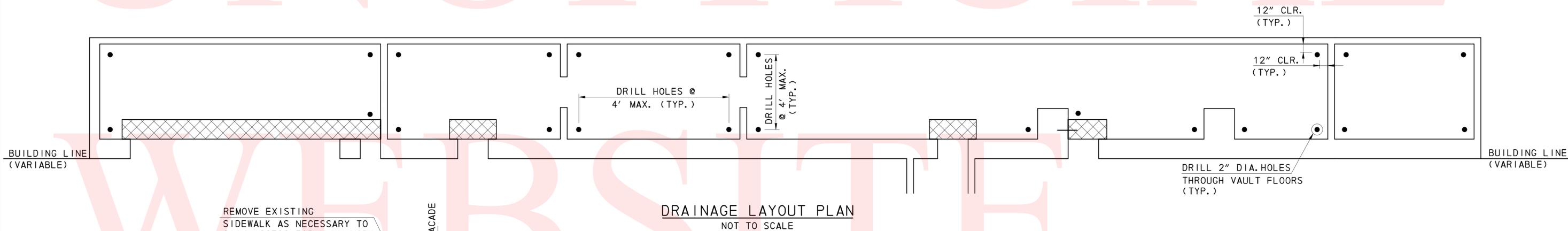
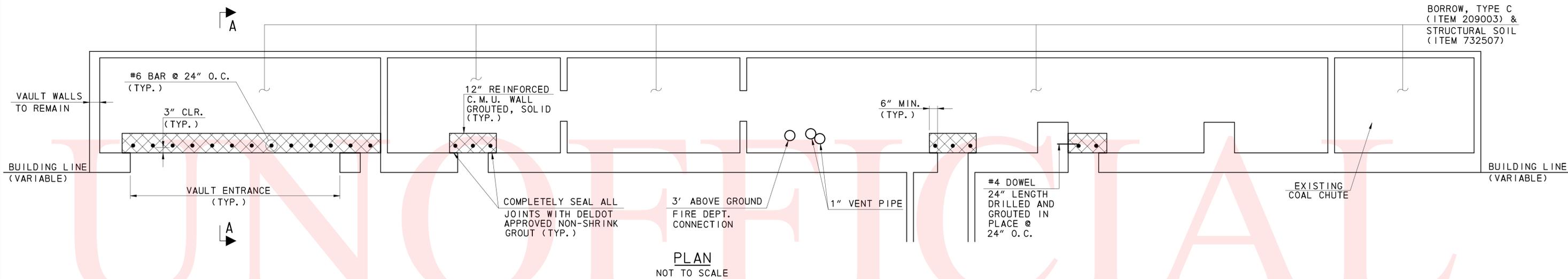
N.T.S.

6TH STREET
ENHANCEMENTS

| | | |
|------------|-----------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: TM | |
| COUNTY | CHECKED BY: JMH | |
| NEW CASTLE | | |

CONSTRUCTION DETAILS

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|-------------|
| DT-03 |
| SHEET NO. |
| 10 |
| TOTAL SHTS. |
| 24 |

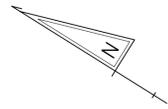


VAULT TREATMENT NOTES

1. SUBMIT SHOP DRAWINGS (PLAN AND SECTION VIEWS), PREPARED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF DELAWARE, SHOWING THE PROPOSED FILLING OF THE VAULT. THE SHOP DRAWINGS SHALL INDICATE ALL PERTINENT DETAILS OF THE CONFIGURATION INCLUDING THE CMU WALL DIMENSIONS, REINFORCEMENT, AND CONNECTIONS AS WELL AS THE SUPPORTS FOR BUILDING SYSTEMS AND UTILITIES. SHOP DRAWINGS SHALL BE BASED ON DETAILED SURVEYS UNDERTAKEN BY THE CONTRACTOR AND SHOW THE RELATIVE POSITION OF EXISTING AND PROPOSED ELEMENTS AND THE RESULTING FOOTWAY AND ROADWAY ELEVATIONS. THE CONTRACTOR'S PROFESSIONAL ENGINEER SHALL REVIEW ALL EXISTING CONDITIONS AS REVEALED IN DEMOLITION, BEFORE AND DURING CONSTRUCTION. THE CONTRACTOR'S ENGINEER SHALL PROVIDE COPIES OF THE SHOP DRAWINGS TO DELDOT ENVIRONMENTAL STUDIES.
2. ALL MASONRY WORK SHALL CONFORM WITH "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI530/ASCE 5/TMS 602).
3. USE NORMAL WEIGHT CONCRETE MASONRY UNITS IN ACCORDANCE WITH ASTM C90-03 AND THE DELDOT SPECIFICATIONS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
4. SET ALL CMU IN A FULL BED OF MORTAR. USE ASTM C 270 TYPE M MORTAR WITH A MINIMUM AVERAGE COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. VERIFY MORTAR STRENGTH FROM FIELD OBTAINED TEST CUBES.
5. USE A GROUT MIX IN ACCORDANCE WITH ASTM SPECIFICATION C476 HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FROM FIELD OBTAINED TEST CYLINDERS. SUBMIT GROUT MIX DESIGN FOR APPROVAL.
6. PROVIDE HOT DIPPED GALVANIZED TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT, MIN. 9 GA. AT 18" ON CENTER VERTICALLY IN ALL MASONRY WALLS.
7. USE GRADE 60 STEEL REINFORCEMENT IN ACCORDANCE WITH SECTION 824 OF THE DELDOT STANDARD SPECIFICATIONS. EPOXY COAT ALL REINFORCEMENT. LAP ALL REINFORCEMENT AT A LENGTH EQUAL TO 50 BAR DIAMETERS (MINIMUM) UNLESS NOTED OTHERWISE.
8. THE INSTALLATION OF DOWELS AND ALL OTHER MASONRY WALL COMPONENTS IS CONSIDERED INCIDENTAL TO THE VAULT TREATMENT ITEM (ITEM 763603).
9. PROVIDE END CONDITIONS AS SHOWN IN THE TREATMENT PLAN AT BOTH SIDES OF THE WALL.
10. REMOVE AND DISPOSE OF ALL DEBRIS INCLUDING REMAINING COAL AND COMPLETELY SEAL ALL OPENINGS PRIOR TO FILL PLACEMENT. REMOVAL OF EXISTING DEBRIS AND COAL TO BE PAID FOR UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT.
11. CONTRACTOR MUST COVER OPEN VAULT AREAS AT THE END OF WORK DAY WITH STEEL PLATE OR OTHER METHODS AS APPROVED BY ENGINEER.

*PLACE AT TREE PIT LOCATIONS ONLY. SEE SHEETS 7 AND 10 OF 24 FOR LIMITS AND ADDITIONAL DETAILS.

| | | | | | | | | | |
|--|-----------------------|--|--------------|-------------------------|------------|--------------|-----|-----------------|-------------|
| | ADDENDUMS / REVISIONS | | NOT TO SCALE | 6TH STREET ENHANCEMENTS | CONTRACT | BRIDGE NO. | N/A | VAULT TREATMENT | SHEET NO. |
| | | | | | T201020001 | DESIGNED BY: | MDM | | 11 |
| | | | | | COUNTY | CHECKED BY: | | | TOTAL SHTS. |
| | | | | | NEW CASTLE | | | | 24 |



CONSTRUCTION SEQUENCE LEGEND

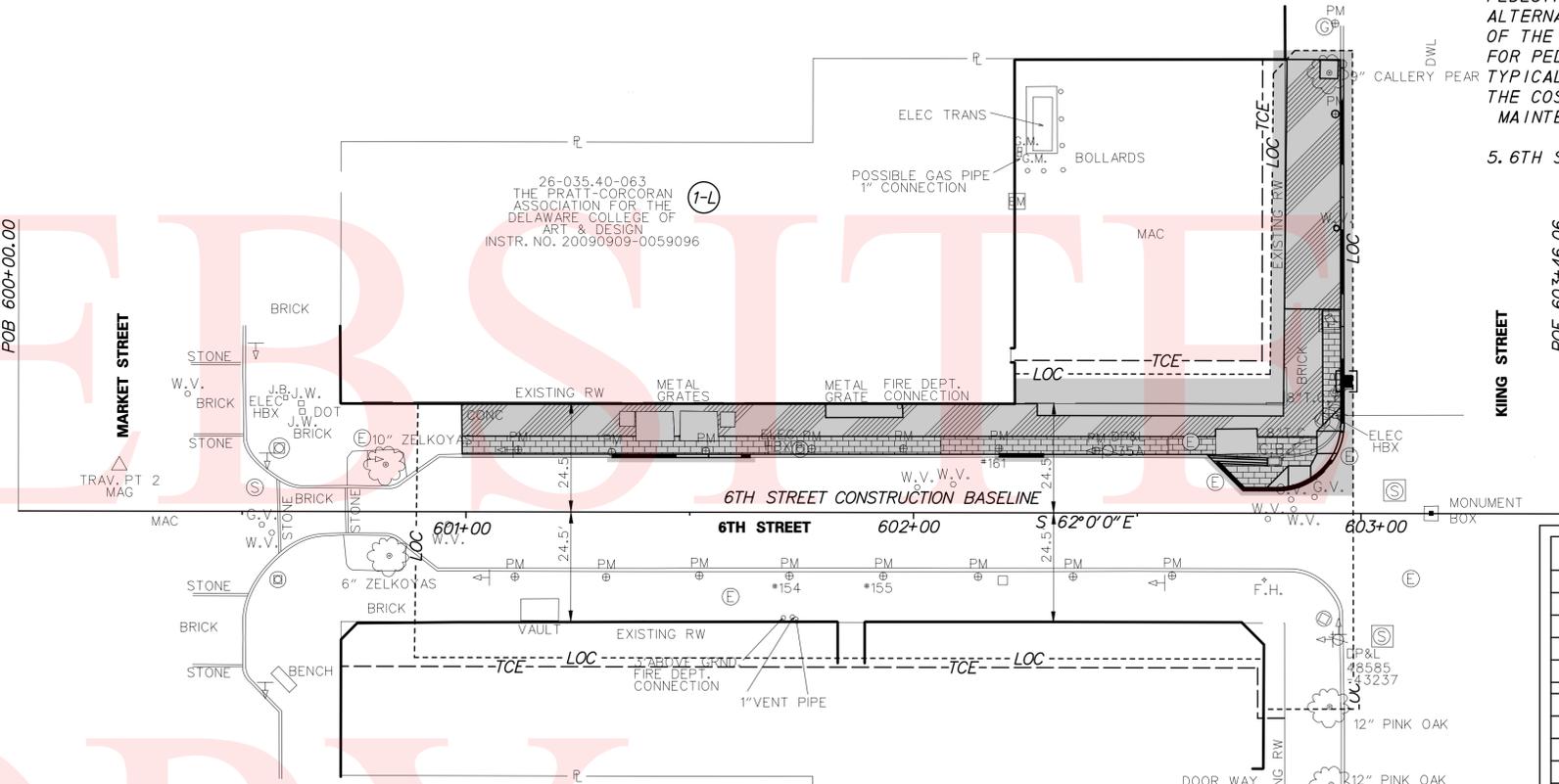
- WORK AREA THIS PHASE
- INLET SEDEMENT CONTROL

PHASE 1

1. INSTALL DETOURS AND EROSION & SEDIMENT CONTROL DEVICES.
2. SAWCUT, REMOVE EXISTING PCC SIDEWALK AND CURB TO BE REPLACED.
3. COORDINATE REMOVAL OF EXISTING PARKING METERS.
4. REMOVE UTILITY POLES AS SHOWN ON PLANS.
5. INSTALL LIGHTING CONDUIT AND POLE BASES
6. ADJUST UTILITIES.
7. CONSTRUCT TRENCH DRAIN.
8. CONSTRUCT PROPOSED CURBING, BRICK AND CONCRETE SIDEWALK AND NORTHSIDE BULBOUT.
9. INSTALL LIGHTING STANDARDS.
10. INSTALL PROPOSED PLANTING STRIP.
11. REMOVE PEDESTRIAN DETOUR AND EROSION & SEDIMENT CONTROL DEVICES.

GENERAL MOT NOTES

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO CASE TA-5B AND TA-6 OF THE TRAFFIC CONTROL MANUAL. LANE CLOSURES CAN BE BETWEEN 9AM AND 3PM, MONDAY THROUGH FRIDAY, OR AS DIRECTED BY THE ENGINEER.
2. THESE PLANS AND SPECIFICATIONS ARE THE MINIMUM REQUIREMENTS FOR THE CONDITIONS SET FORTH. THE ENGINEER MAY REQUIRE ADDITIONAL TRAFFIC CONTROL DEVICES AND MAY ALTER THE SEQUENCE OF CONSTRUCTION OR MEANS OF TRAFFIC CONTROL AS DEEMED NECESSARY.
3. GRADING AND MAINTAINING HOT MIX TRM THAT IS BEING USED AS A TRAVELWAY, DRIVEWAY ACCESS, RAMP, ETC. SHALL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC. EXCESS SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT. NO SEPARATE PAYMENT SHALL BE MADE FOR TEMPORARY ROADWAY MATERIAL (TRM) USED TO PROTECT EDGE DROP-OFF UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT MATERIAL ITEM. CONSTRUCTION OF A PLANNED RUNAROUND OR DETOUR WOULD BE ELIGIBLE FOR PAYMENT AS SPECIFIED IN THE CONTRACT.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO AND ALONG PEDESTRIAN AND TRANSIT FACILITIES AT ALL TIMES DURING CONSTRUCTION, EARTH, STONE, AND GRAVEL SURFACE ARE NOT ACCEPTABLE FOR PROVIDING PEDESTRIAN ACCESS. WHERE PEDESTRIAN ROUTES ARE CLOSED OR BLOCKED, ALTERNATE PEDESTRIAN ACCESS SHALL BE PROVIDED TO THE SATISFACTION OF THE ENGINEER AND SHALL BE ADA COMPLIANT. MAINTENANCE OF TRAFFIC FOR PEDESTRIAN FACILITY CLOSURES AND DETOUR SHALL COMPLY WITH TYPICAL APPLICATION 28 AND/OR 29 FROM TRAFFIC CONTROL MANUAL. THE COST FOR ANY PROVISIONS SHALL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC.
5. 6TH STREET TO BE CLOSED DURING CONSTRUCTION.



POB 600+00.00
MARKET STREET
FOE 603+46.06
KING STREET

NOTE: EARTHWORK SUMMARY DOES NOT INCLUDE MATERIAL NEEDED TO FILL EXISTING VAULTS OR CONSTRUCT LANDSCAPING.

| EARTHWORK SUMMARY | |
|--|-----------|
| EXCAVATION | |
| EXCAVATION FROM CROSS SECTIONS | 185 C. Y. |
| ROCK EXCAVATION FOR ROADWAY AND TRENCHES | 0 C. Y. |
| TOPSOIL STRIPPING | 0 C. Y. |
| TOTAL EXCAVATION | 185 C. Y. |
| EXCAVATION AVAILABLE FOR EMBANKMENT | |
| EXCAVATION MEETING BORROW TYPE 'A' | 0 C. Y. |
| EXCAVATION MEETING BORROW TYPE 'F' | 0 C. Y. |
| EXCAVATION MEETING TOPSOIL | 0 C. Y. |
| EMBANKMENT REQUIREMENTS | |
| BORROW TYPE 'A' REQUIRED (INCLUDING UNDERCUT) | 0 C. Y. |
| BORROW TYPE 'F' REQUIRED | 5 C. Y. |
| TOPSOIL REQUIRED | 0 C. Y. |
| MATERIAL BALANCE ("+" = EXCESS, "-" = NEED) | |
| BORROW TYPE 'A' | 0 C. Y. |
| BORROW TYPE 'F' | 0 C. Y. |
| TOPSOIL | 0 C. Y. |
| UNSUITABLE MATERIAL | 185 C. Y. |

- NOTES:**
- 1) THE VALUES LISTED IN THE EARTHWORK SUMMARY ARE APPROXIMATE AND ARE NOT TO BE USED AS A BASIS OF PAYMENT. THE EARTHWORK SUMMARY IS CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.
 - 2) OTHER SOURCES OF EXCAVATION MAY INCLUDE PIPE TRENCH EXCAVATION, STRUCTURE EXCAVATION, UNDERCUT EXCAVATION, STORMWATER MANAGEMENT POND EXCAVATION, ENVIRONMENTAL SITE EXCAVATION, MAINTENANCE OF TRAFFIC EXCAVATION, ETC.
 - 3) UNSUITABLE MATERIALS INCLUDE UNDERCUT SOILS, BITUMINOUS PAVEMENT, ETC.

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| ADDENDUMS / REVISIONS |
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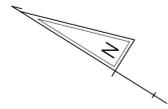
6TH STREET ENHANCEMENTS

CS-01

| | | |
|------------|--------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: | TM |
| COUNTY | CHECKED BY: | JMH |
| NEW CASTLE | | |

CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLANS PHASE 1

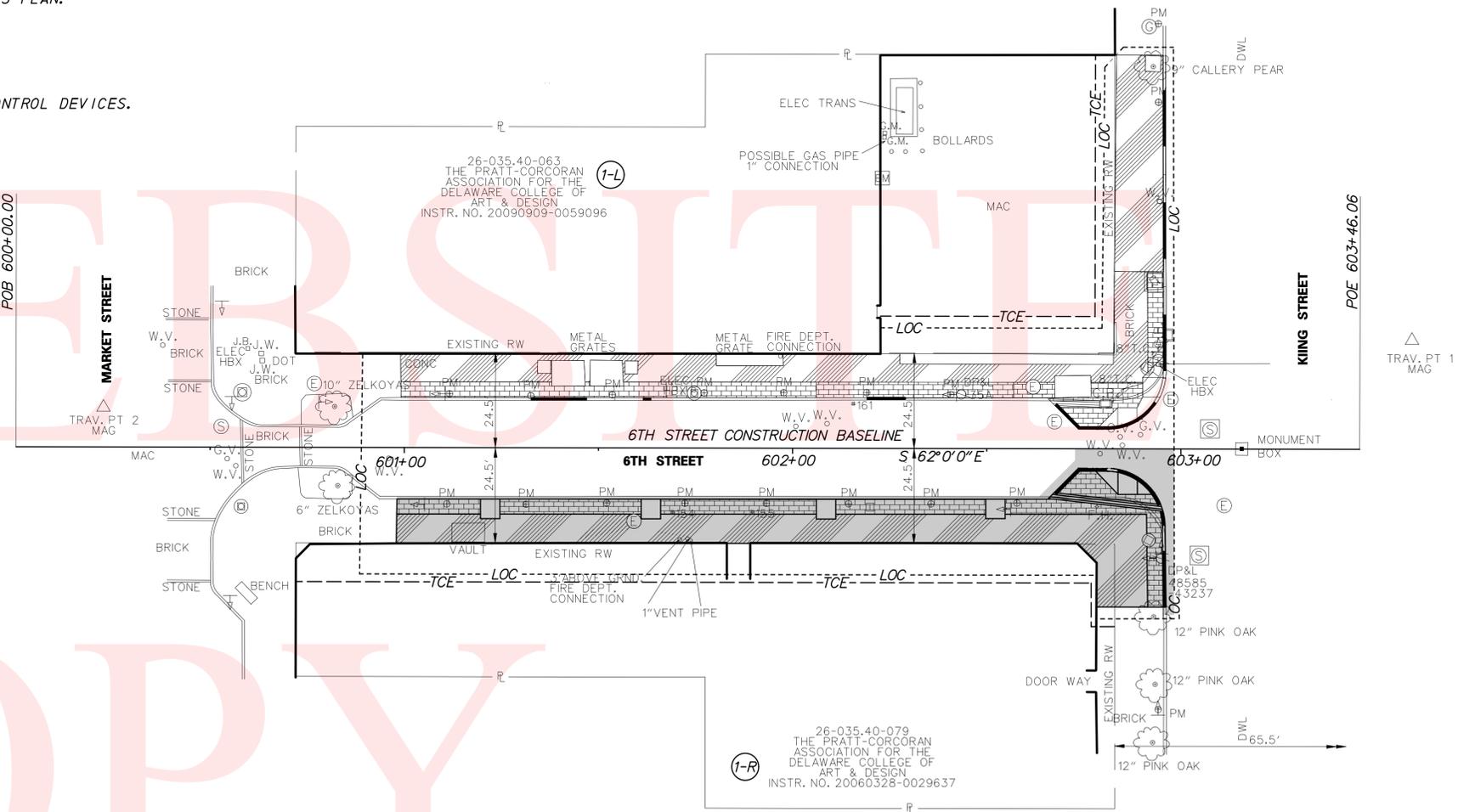
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|-------------|----|
| SHEET NO. | 12 |
| TOTAL SHTS. | 24 |



| CONSTRUCTION SEQUENCE LEGEND | |
|---|------------------------|
|  | WORK AREA THIS PHASE |
|  | INLET SEDIMENT CONTROL |

PHASE 2

1. INSTALL PEDESTRIAN DETOURS AND EROSION & SEDIMENT CONTROL DEVICES.
2. COORDINATE REMOVAL OF EXISTING PARKING METERS
3. SAWCUT, REMOVE EXISTING PCC SIDEWALK.
4. EXCAVATE EXISTING FILL MATERIAL FROM VAULT AREA
5. CONSTRUCT WALL IN VAULT AREA AS PER STRUCTURES PLAN.
6. FILL VAULT AND COAL SHUTE AS DIRECTED ON STRUCTURES PLAN.
7. CONSTRUCT TREE PITS.
8. INSTALL LIGHTING CONDUIT AND POLE BASES.
9. CONSTRUCT BRICK AND CONCRETE SIDEWALK AND BULBOUT.
10. INSTALL LIGHTING STANDARDS.
11. INTALL LANDSCAPING
12. REMOVE PEDESTRIAN DETOUR AND EROSION & SEDIMENT CONTROL DEVICES.



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| ADDENDUMS / REVISIONS | |
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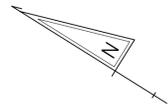


6TH STREET ENHANCEMENTS

| | | |
|------------|--------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: | TM |
| COUNTY | CHECKED BY: | JMH |
| NEW CASTLE | | |

**CONSTRUCTION PHASING,
M.O.T. AND EROSION
CONTROL PLANS
PHASE 2**

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|--------------|
| CS-02 |
| SHEET NO. |
| 13 |
| TOTAL SHTS. |
| 24 |



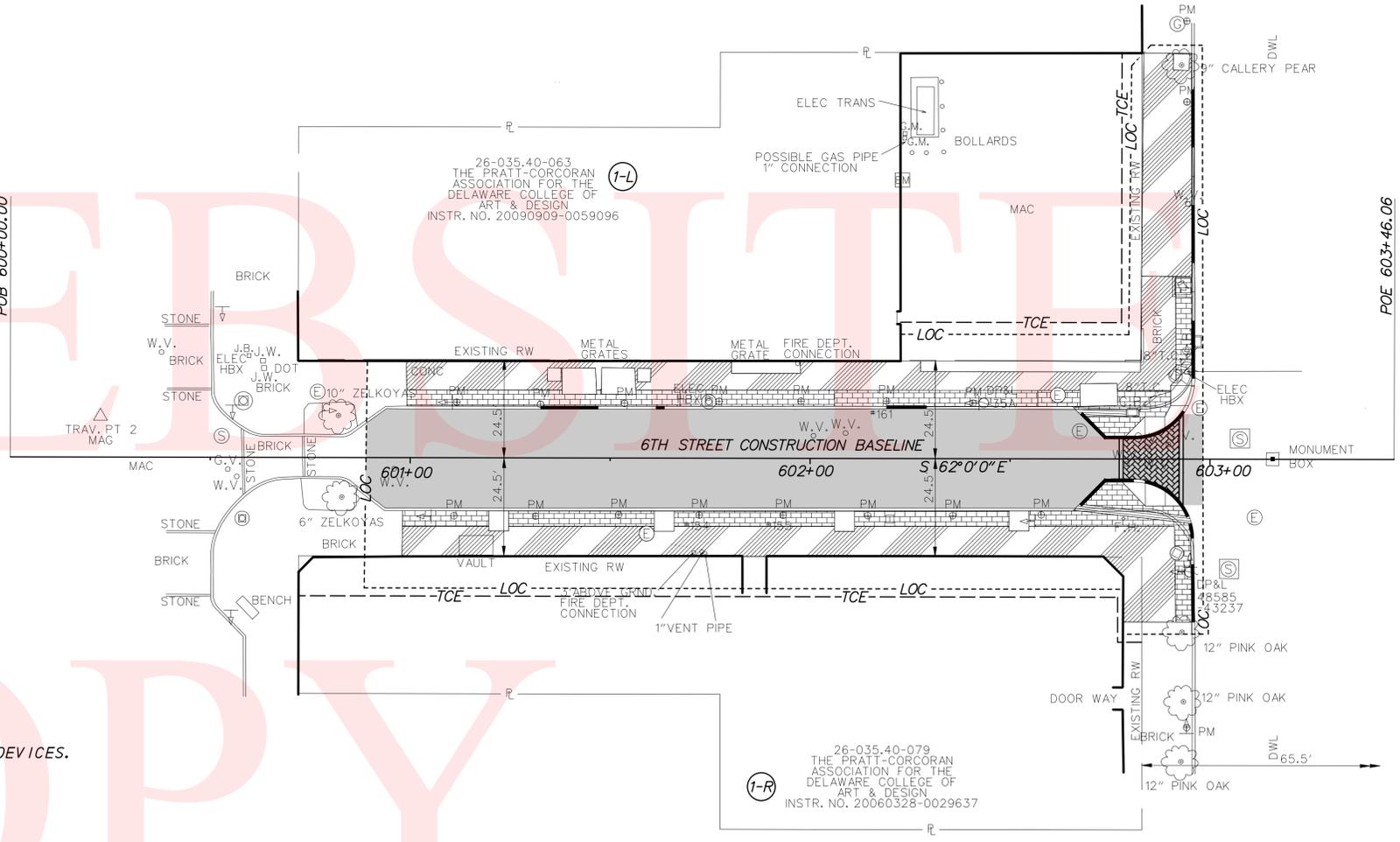
CONSTRUCTION SEQUENCE LEGEND

WORK AREA THIS PHASE
 INLET SEDEMENT CONTROL

UNOFFICIAL

WELLSITE

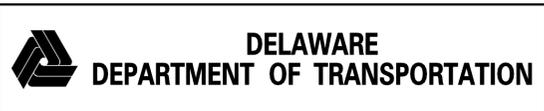
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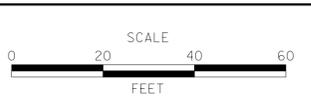
PHASE 3

1. INSTALL PEDESTRIAN DETOUR.
2. SAWCUT AND REMOVE PAVEMENT FOR CROSSWALK.
3. CONSTRUCT BRICK CROSSWALK AS SHOWN ON PLANS.
4. MILL AND OVERLAY 6TH STREET.
5. REMOVE ALL DETOURS AND EROSION & SEDIMENT CONTROL DEVICES.

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| ADDENDUMS / REVISIONS |
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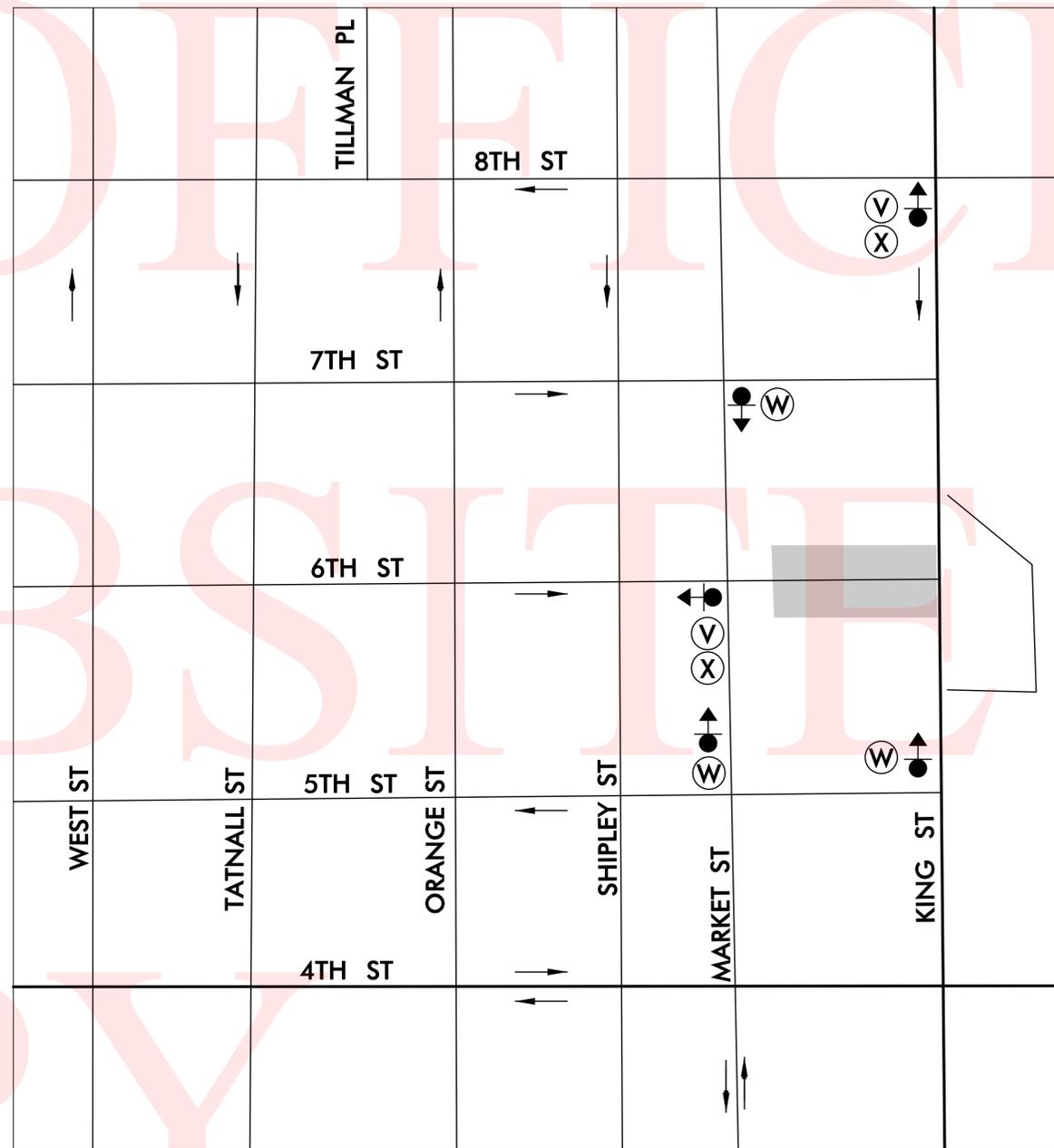
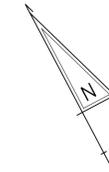
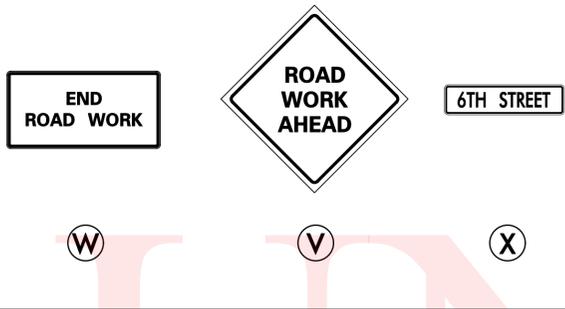
6TH STREET ENHANCEMENTS

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|------------------------|-----------------|----|-----------------|
| CONTRACT T201020001 | BRIDGE NO. | NA | DESIGNED BY: TM |
| COUNTY NEW CASTLE | CHECKED BY: JMH | | |

**CONSTRUCTION PHASING,
M.O.T. AND EROSION
CONTROL PLANS
PHASE 3**

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| CS-03 |
| SHEET NO. 14 |
| TOTAL SHTS. 24 |

PERMANENT WARNING SIGNS



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| ADDENDUMS / REVISIONS | |
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NOT TO SCALE

6TH STREET ENHANCEMENTS

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|------------------------|-------------------------|
| CONTRACT T201020001 | BRIDGE NO. NA |
| COUNTY NEW CASTLE | DESIGNED BY: TM |
| | CHECKED BY: JMH |

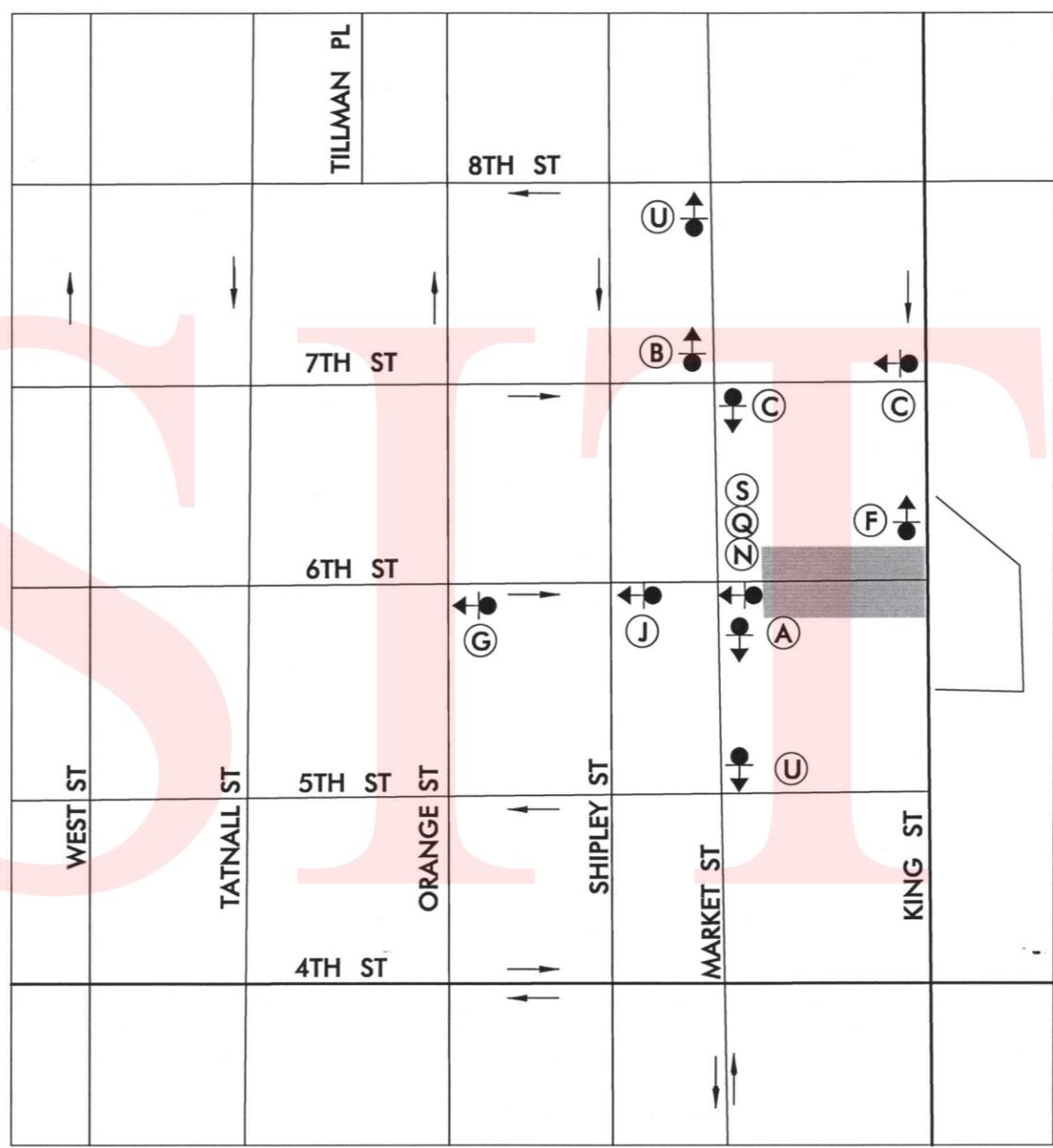
WARNING SIGNS

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|-------------------|
| CS-04 |
| SHEET NO. 15 |
| TOTAL SHTS. 24 |

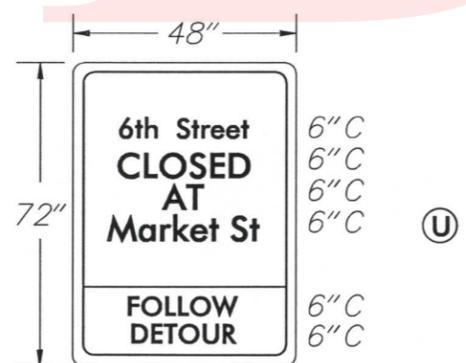
CHANGEABLE MESSAGE BOARDS

LEGEND

| | | |
|---|---------------------------------------|---|
| A DETOUR ↑ | B DETOUR ← | C DETOUR → |
| D DETOUR ↙ | E DETOUR ↗ | F END DETOUR |
| G DETOUR AHEAD | H DETOUR 1000 FT | I DETOUR 500 FT |
| J ROAD CLOSED AHEAD | K ROAD CLOSED 1000 FT | L ROAD CLOSED 500 FT |
| M ROAD NAME | N DETOUR ← | O DETOUR → |
| P ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY | Q ROAD CLOSED | R ROAD CLOSED TO THRU TRAFFIC |
| S | T | |



SPECIAL SIGNS



D/G FLUORESCENT ORANGE; BLACK LEGEND

GENERAL NOTES

- ALL DETOUR SIGNING INCLUDING, TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE DE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN 'THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE- MUTCD PART 6) FOR LIGHTS, BARRICADES AND SIGNS, IAS PER LATEST REVISION)
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WILL PREVAIL.
- SIGNS J THROUGH L AND P THROUGH R, THE WORD (ROAD) SHOULD BE CHANGED TO RAMP, R/R OR BRIDGE WHERE APPLICABLE.
- WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
- 'S' BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

DP-01

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RECOMMENDED *Jonathan Hermes* DATE: 1/27/12 RECOMMENDED *Wayne King* DATE: 2-8-2012 RECOMMENDED *Robert Scott* DATE: 1/27/12 APPROVED CHIEF SAFETY OFFICER *Michael Campbell* DATE: 2-8-12 APPROVED TRAFFIC ENGINEER *Allen* DATE: 2/8/12

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|---|----------------------|--|---------------------|---------------------------------------|------------|-----------------|-------------------|---------------------------|-------------|
| <p>DELAWARE DEPARTMENT OF TRANSPORTATION</p> | ADDENDUM / REVISIONS | | <p>NOT TO SCALE</p> | <p>6TH STREET ENHANCEMENTS</p> | CONTRACT | PERMIT NO. | <p>N/A</p> | <p>DETOUR PLAN</p> | SHEET NO. |
| | | | | | T201020001 | DESIGNED BY: TM | | | 16 |
| | | | | | COUNTY | CHECKED BY: JMH | | | TOTAL SHTS. |
| | | | | | NEW CASTLE | | | | 24 |

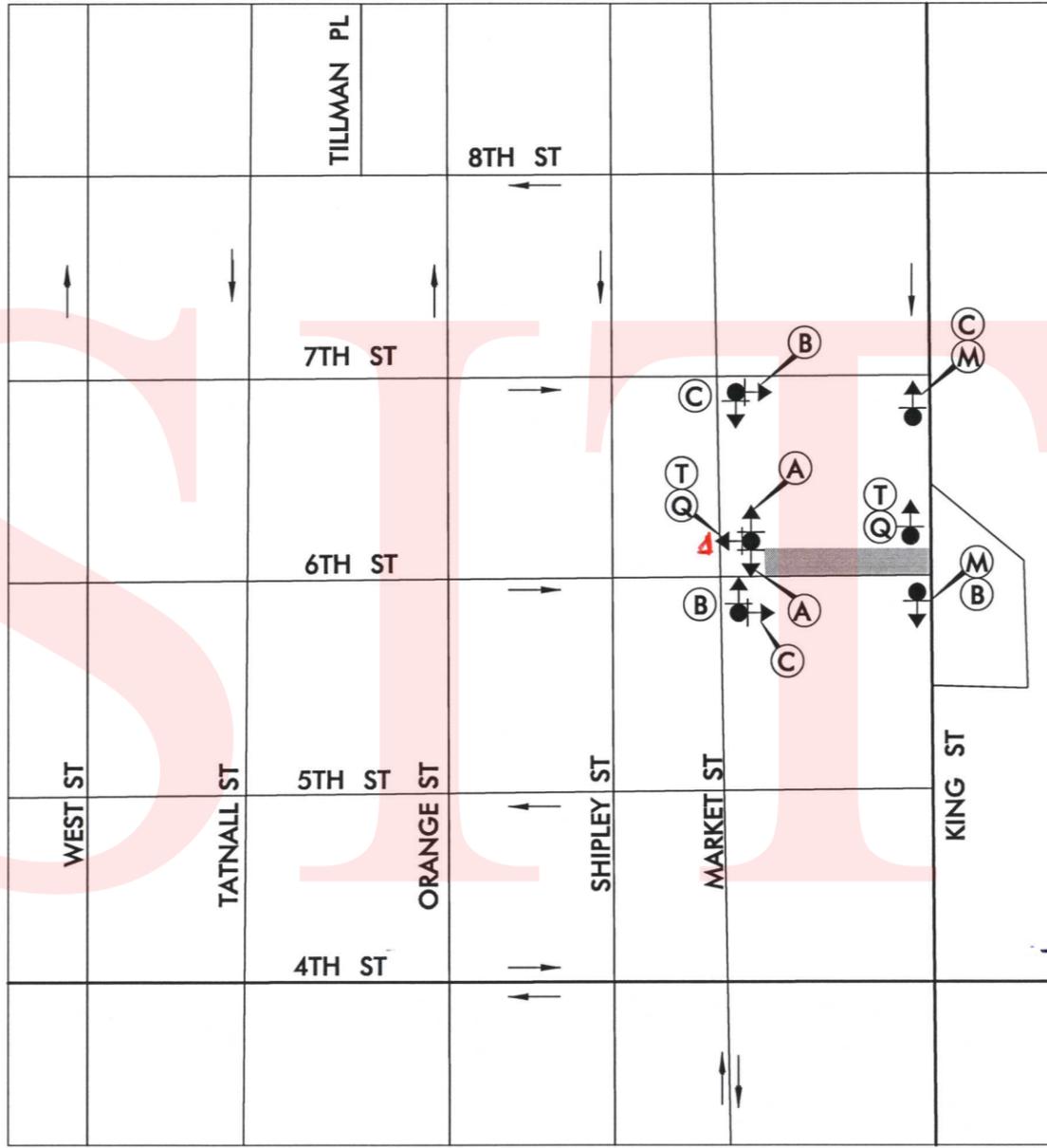
CHANGEABLE MESSAGE BOARDS

PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

SPECIAL SIGNS

LEGEND

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GENERAL NOTES

- ALL DETOUR SIGNING INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE DE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE- MUTCD PART 6) FOR LIGHTS, BARRICADES AND SIGNS.(AS PER LATEST REVISION)
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WILL PREVAIL.
- SIGNS J THROUGH L AND P THROUGH R ,THE WORD (ROAD) SHOULD BE CHANGED TO RAMP, R/R OR BRIDGE WHERE APPLICABLE.
- WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
- "S" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- PEDESTRIAN DETOUR SIGNS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND-MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

DP-02

RECOMMENDED *Jonathan Harms* DATE: *1/25/12* RECOMMENDED *Wagner* DATE: *2-8-2012* RECOMMENDED *John F. ...* DATE: *1/27/12* APPROVED CHIEF SAFETY OFFICER *...* DATE: *2-8-12* APPROVED TRAFFIC ENGINEER *...* DATE: *2/8/12*



NOT TO SCALE

6TH STREET ENHANCEMENTS

| | | | |
|------------------------|------------------|-----------------------------------|-------------------|
| CONTRACT T201020001 | PERMIT NO. NA | PEDESTRIAN DETOUR PLAN PHASE 1 | SHEET NO. 17 |
| COUNTY NEW CASTLE | DESIGNED BY: TM | | TOTAL SHTS. 24 |
| | CHECKED BY: JMH | | |

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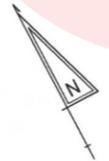
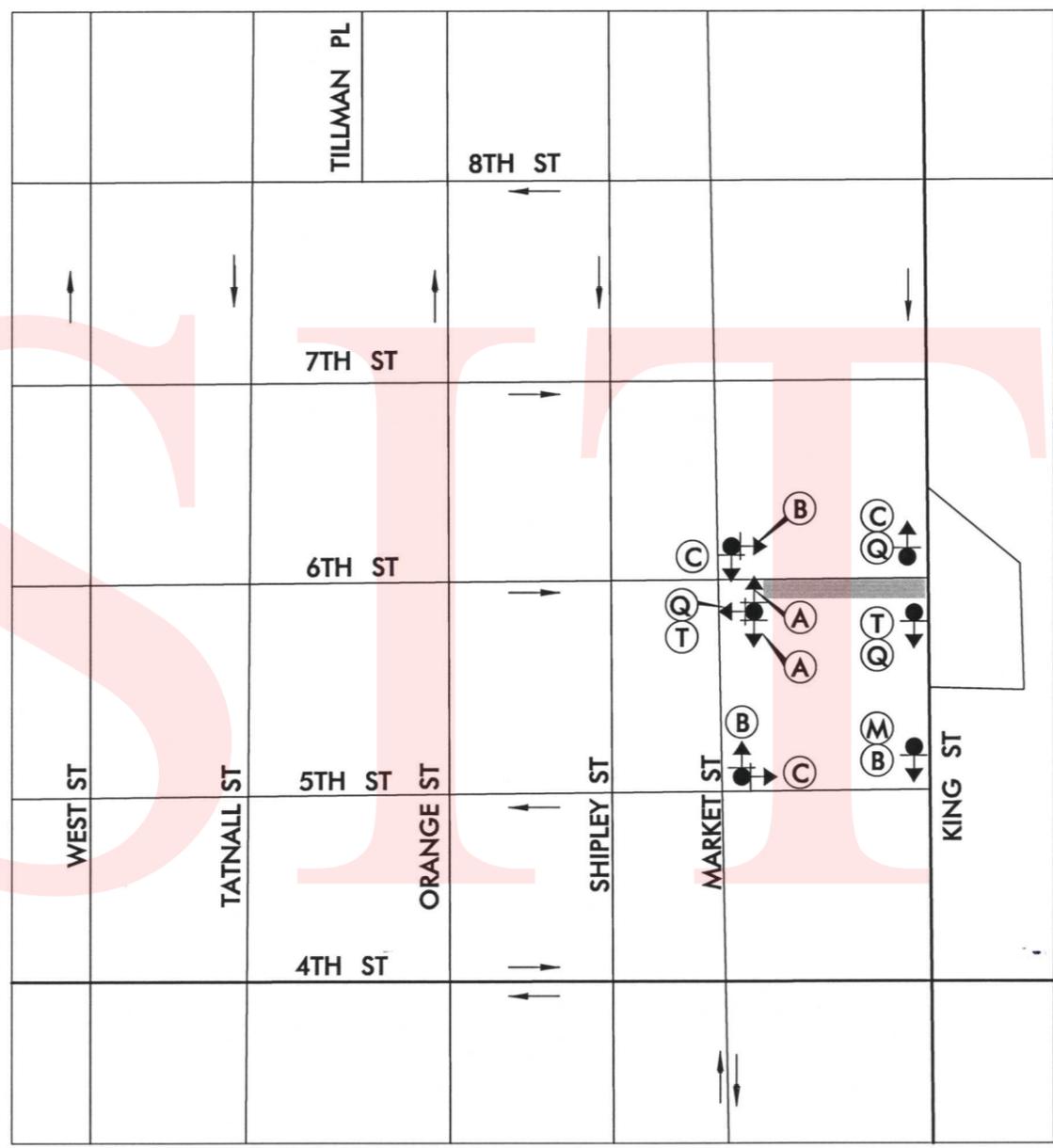
CHANGEABLE MESSAGE BOARDS

PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

SPECIAL SIGNS

LEGEND

Legend items include:
 A: Detour (up arrow)
 B: Detour (left arrow)
 C: Detour (right arrow)
 D: Detour (down arrow)
 E: Detour (up arrow)
 F: End Detour
 G: Detour Ahead (diamond)
 H: Detour 1000 FT (diamond)
 I: Detour 500 FT (diamond)
 J: Road Closed Ahead (diamond)
 K: Road Closed 1000 FT (diamond)
 L: Road Closed 500 FT (diamond)
 M: Sidewalk Closed Ahead (rectangle)
 N: Detour (left arrow)
 O: Detour (right arrow)
 P: Sidewalk Closed Cross Here (left arrow)
 Q: Sidewalk Closed (rectangle)
 R: Sidewalk Closed Cross Here (right arrow)
 S: Barricade (hatched rectangle)
 T: Barricade (hatched rectangle)



GENERAL NOTES

1. ALL DETOUR SIGNING INCLUDING, TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE DE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
2. THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE- MUTCD PART 6) FOR LIGHTS, BARRICADES AND SIGNS, (AS PER LATEST REVISION)
3. FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WILL PREVAIL.
4. SIGNS J THROUGH L AND P THROUGH R, THE WORD (ROAD) SHOULD BE CHANGED TO RAMP, R/R OR BRIDGE WHERE APPLICABLE.
5. WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
6. "S" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
7. BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
8. PEDESTRIAN DETOUR SIGNS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND-MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

DP-03

RECOMMENDED *Jonathan Hermes* DATE: *1/25/12* RECOMMENDED *Wardell* DATE: *2-8-2012* RECOMMENDED *John Pickett* DATE: *1/27/12* APPROVED CHIEF SAFETY OFFICER *Scott Ambrogio* DATE: *2-8-12* APPROVED TRAFFIC ENGINEER *Allen* DATE: *2/8/12*



| ADDENDUM / REVISIONS |
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NOT TO SCALE

6TH STREET ENHANCEMENTS

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|------------------------|------------------------------------|
| CONTRACT T201020001 | PERMIT NO. N/A |
| COUNTY NEW CASTLE | DESIGNED BY: TM CHECKED BY: JMH |

PEDESTRIAN DETOUR PLAN
PHASE 2

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|-------------------|
| SHEET NO. 18 |
| TOTAL SHTS. 24 |

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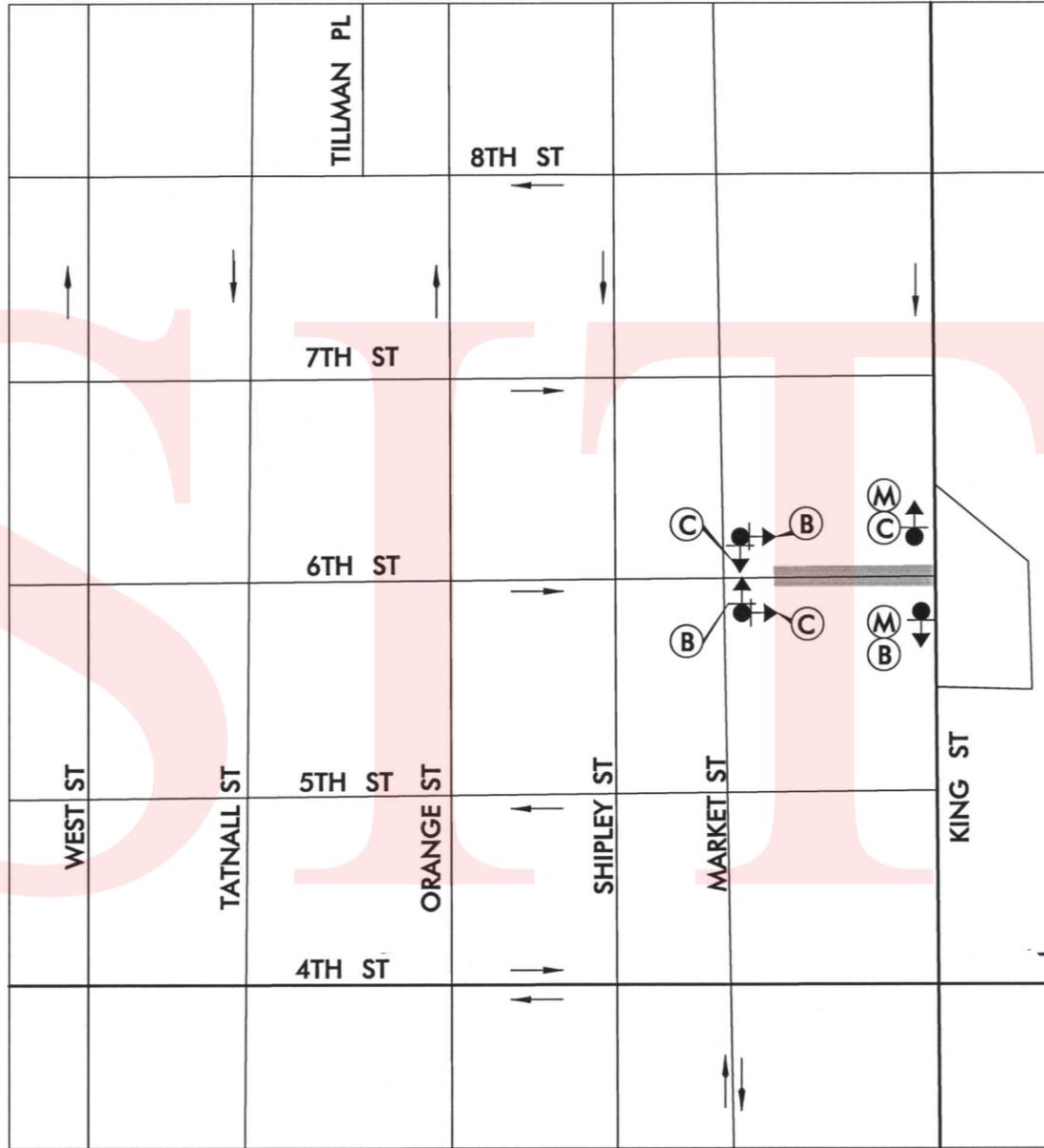
CHANGEABLE MESSAGE BOARDS

PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

SPECIAL SIGNS

LEGEND

| | | |
|---|---------------------------------------|---|
| A DETOUR ↑ | B DETOUR ← | C DETOUR → |
| D DETOUR ↙ | E DETOUR ↘ | F END DETOUR |
| G DETOUR AHEAD | H DETOUR 1000 FT | I DETOUR 500 FT |
| J ROAD CLOSED AHEAD | K ROAD CLOSED 1000 FT | L ROAD CLOSED 500 FT |
| M CROSSWALK CLOSED | N ← DETOUR | O DETOUR → |
| P ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY | Q SIDEWALK CLOSED | R ROAD CLOSED TO THRU TRAFFIC |
| S BARRICADE | | T BARRICADE |



GENERAL NOTES

- ALL DETOUR SIGNING INCLUDING, TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE DE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN 'THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE- MUTCD PART 6) FOR LIGHTS, BARRICADES AND SIGNS' AS PER LATEST REVISION.
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WILL PREVAIL.
- SIGNS J THROUGH L AND P THROUGH R, THE WORD (ROAD) SHOULD BE CHANGED TO RAMP, R/R OR BRIDGE WHERE APPLICABLE.
- WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
- 'S' BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- PEDESTRIAN DETOUR SIGNS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND-MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

DP-04

RECOMMENDED *Jonathan Hermes* DATE: *1/25/12*

RECOMMENDED *[Signature]* DATE: *2-8-2012*

RECOMMENDED *[Signature]* DATE: *1/27/12*

APPROVED CHIEF SAFETY OFFICER *[Signature]* DATE: *2-8-12*

APPROVED TRAFFIC ENGINEER *[Signature]* DATE: *2/10/12*

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

6TH STREET ENHANCEMENTS

CONTRACT
T201020001
COUNTY
NEW CASTLE

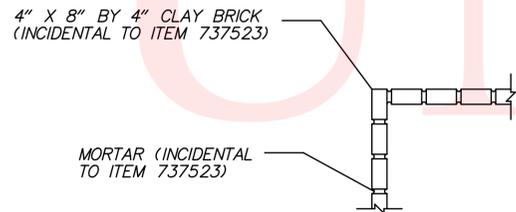
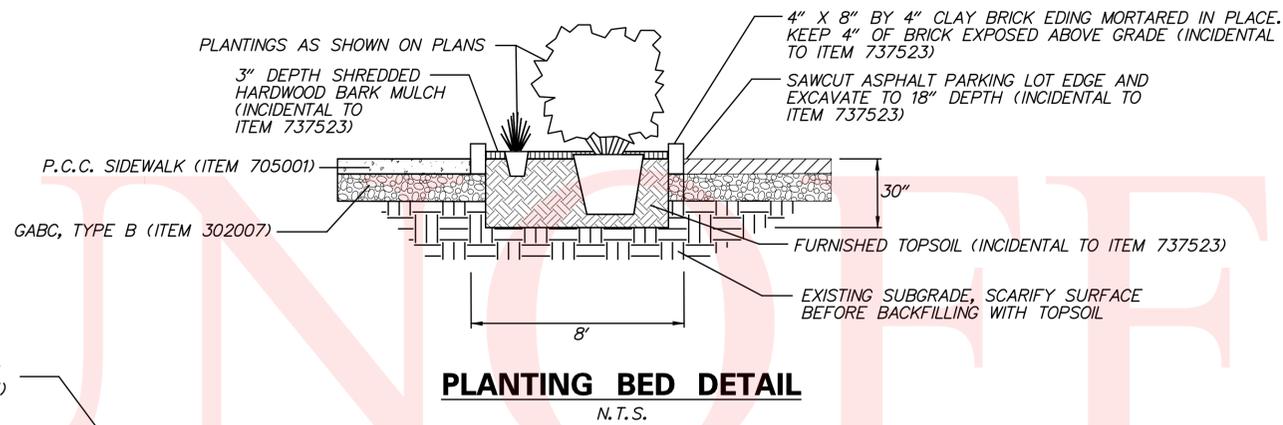
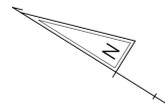
PERMIT NO.
DESIGNED BY: TM
CHECKED BY: JMH

NA

**PEDESTRIAN DETOUR PLAN
PHASE 3**

SHEET NO.
19
TOTAL SHTS.
24

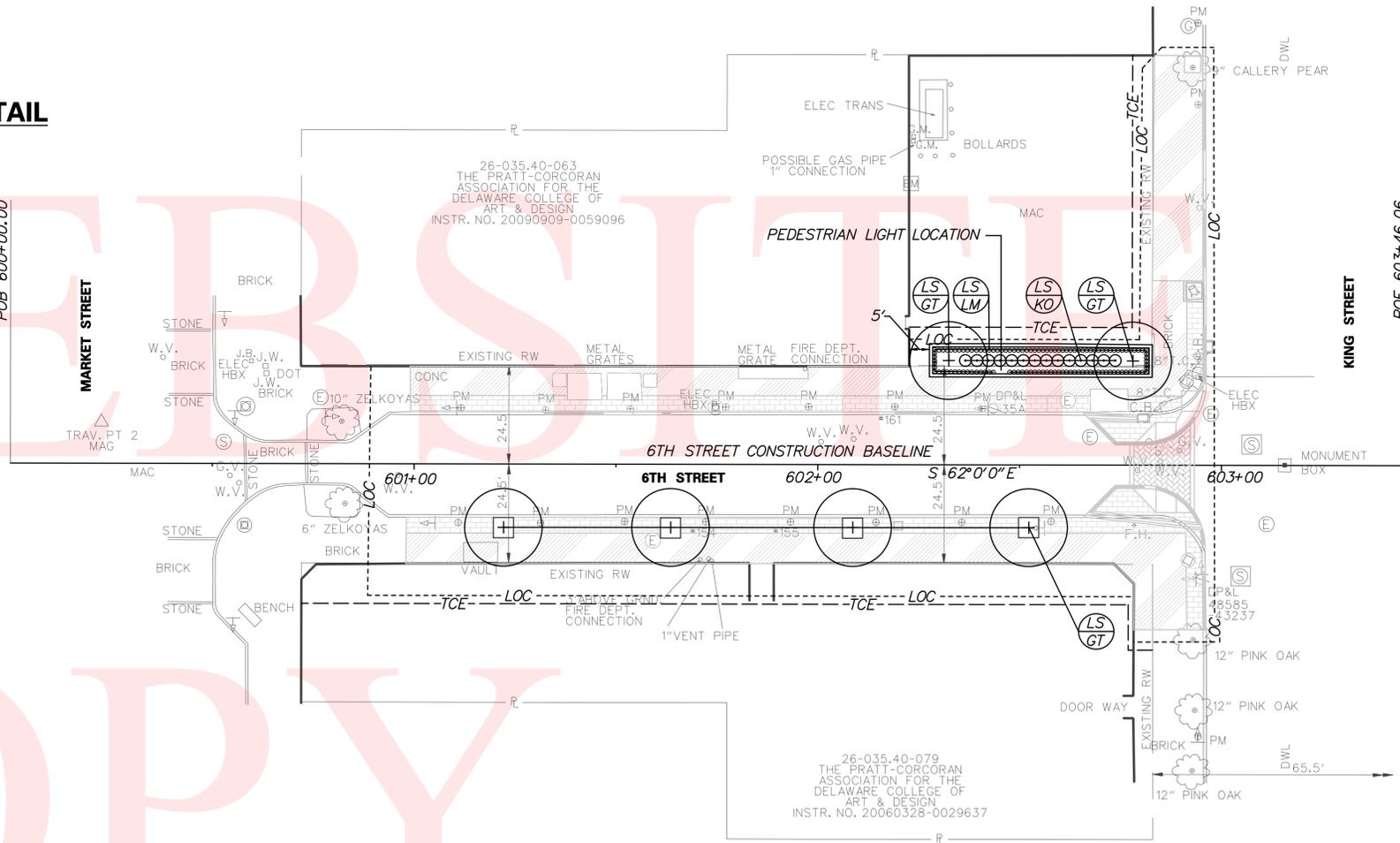
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| LANDSCAPE PLANTING SCHEDULE | | | | |
|-----------------------------|-----|---|------------------|----------|
| KEY | NO. | PLANTING DESCRIPTION | SIZE | QUANTITY |
| KO | 1 | ROSA 'KNOCK OUT', KNOCK OUT ROSE | 24" H, CONTAINER | 14 |
| LM | 2 | LIRIOPE MUSCARI 'BIG BLUE' / BIG BLUE LIRIOPE | 1 QT., CONTAINER | 113 |
| GT | 3 | GLEDITSA TRIANCANTHOS INERMIS / IMPERIAL HONEY LOCUST | 2" CAL, B&B | 6 |

PLANTING BED CORNER DETAIL
N.T.S.

PLANTING BED DETAIL
N.T.S.



NOTE: CONTRACTOR SHALL BE REQUIRED TO WATER ALL MAJOR AND MINOR TREES, SHRUBS AND ALL HERBACEOUS BEDS BI-WEEKLY DURING THE PERIOD FROM JUNE 15 THROUGH OCTOBER 1. WATERING, ONCE INITIATED, SHALL CONTINUE WITHOUT INTERRUPTION UNTIL ALL PLANTS ON THE PROJECT HAVE BEEN WATERED. PAYMENT SHALL BE PER 1000 GALS OF WATER APPLIED AND SHALL BE BASED ON THE FOLLOWING SCHEDULE: MAJOR TREE - 15 GALS PER TREE, MINOR TREES - 10 GALS PER TREE, SHRUBS - 5 GALS PER SHRUB, PERENNIALS - 10 GALS PER 100 SQUARE FEET OF PLANTING BED. WATER USED FOR THIS ITEM SHALL MEET THE REQUIREMENTS OF SECTION 803 OF THE STANDARD SPECIFICATIONS. TREE WATERING BAGS, IF UTILIZED, SHALL BE FILLED AS A PART OF THE WATERING OPERATION; PAYMENT SHALL BE AS DETAILED HEREIN. TREE WATERING BAGS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED PRIOR TO FINAL INSPECTION.

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| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



6TH STREET ENHANCEMENTS

| | | |
|------------|--------------|-----------|
| CONTRACT | BRIDGE NO. | NA |
| T201020001 | DESIGNED BY: | TM |
| COUNTY | CHECKED BY: | JMH |
| NEW CASTLE | | |

LANDSCAPING PLANS

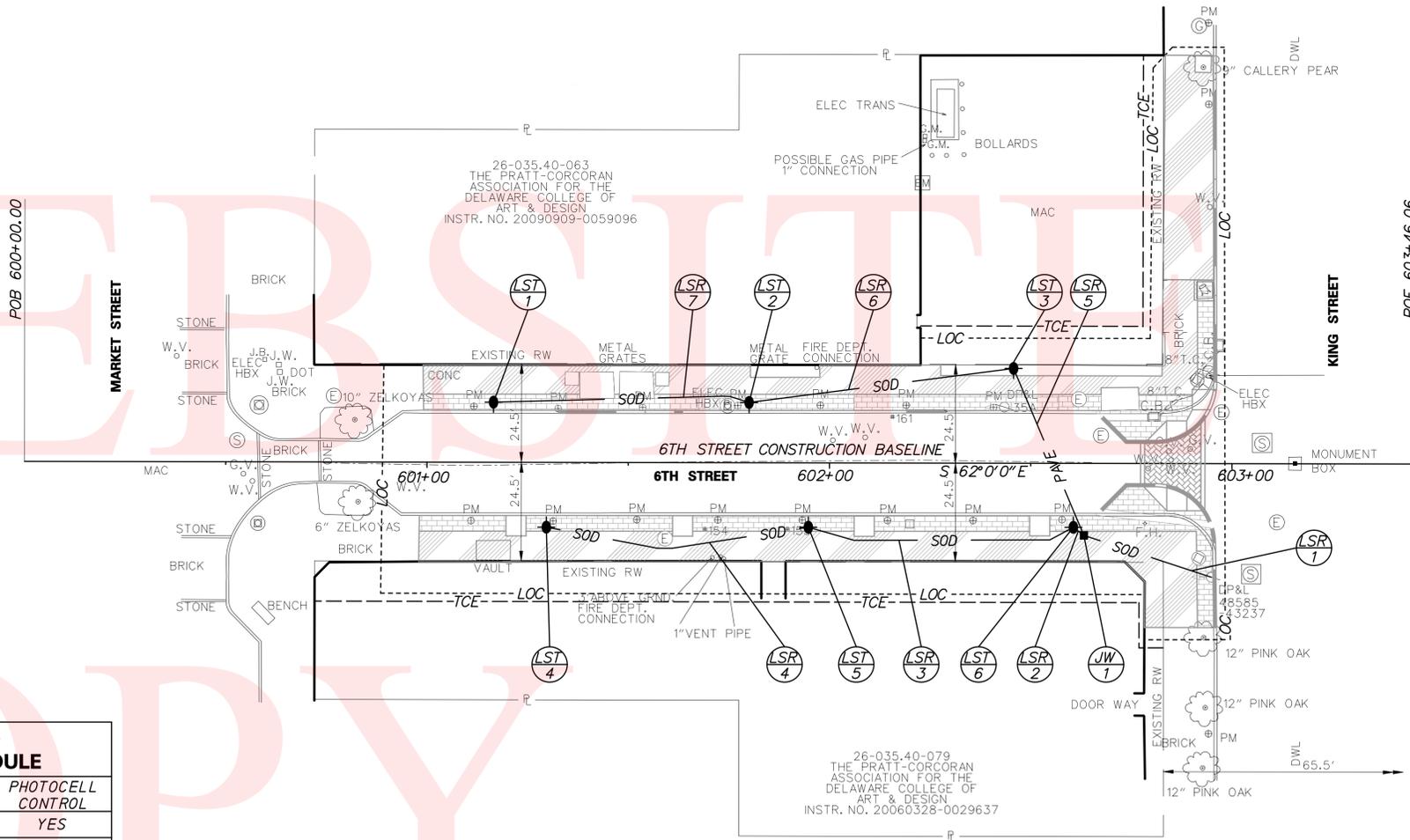
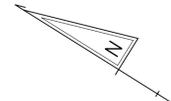
| |
|--------------|
| LS-01 |
| SHEET NO. |
| 20 |
| TOTAL SHTS. |
| 24 |

| LIGHTING LEGEND | |
|-----------------|---|
| SYMBOL | ITEM |
| —SOD— | GALVANIZED CONDUIT UNDER NEW PAVEMENT OR IN SODDED TRENCH, 2.5" |
| —PAVE— | GALVANIZED CONDUIT UNDER EXISTING PAVEMENT, 2.5" |
| □ | CONDUIT JUNCTION WELL |
| ■ | LIGHT STANDARD WITH LUMINAIRE |
| ■ | LIGHTING CONTROL CENTER - 100A |
| (JW #) | PROPOSED CONDUIT JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL) |
| (LST #) | PROPOSED LIGHT STANDARD IDENTIFIER (LIGHT STANDARD #) |
| (LSR #) | PROPOSED LIGHTING CONDUIT RUN IDENTIFIER (LIGHTING CONDUIT RUN #) |
| (LC #) | PROPOSED LIGHTING CONTROL CENTER - 100A (LIGHTING CONTROL CENTER #) |

| CONDUIT & CONDUCTOR RUN SCHEDULE | | | | | |
|----------------------------------|-----------|------------|-------------------------|-----------------------|---------------------------------|
| CONDUIT RUN # | FROM | TO | 2.5" GALV. CONDUIT (FT) | #6 AWG CONDUCTOR (FT) | #6 AWG GROUNDING CONDUCTOR (FT) |
| LSR-1 | DP&L POLE | JW-1 | 33 | 109 | 36 |
| LSR-2 | JW-1 | LST-6 (B3) | 3 | 10 | 3 |
| LSR-3 | LST-6 | LST-5 (A3) | 67 | 221 | 74 |
| LSR-4 | LST-5 | LST-4 (B2) | 66 | 145 | 73 |
| LSR-5 | JW-1 | LST-3 (A2) | 45 | 149 | 50 |
| LSR-6 | LST-3 | LST-2 (B1) | 66 | 218 | 73 |
| LSR-7 | LST-2 | LST-1 (A1) | 64 | 141 | 70 |
| TOTAL | | | 344 | 993 | 379 |

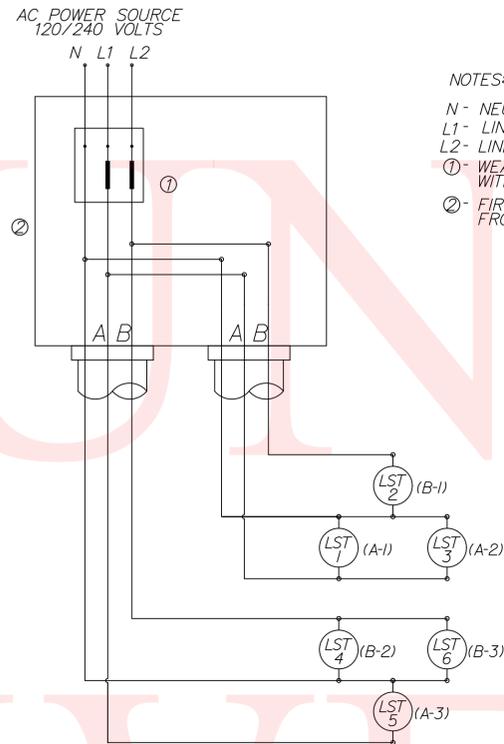
| CONDUIT JUNCTION WELL SCHEDULE | | | |
|--------------------------------|--------|------|----------------------------|
| STATION | OFFSET | TYPE | DIMENSION |
| 602+63.2 | 17.9' | 1 | 20" x 20" PRECAST CONCRETE |

NOTE: LIGHTING CONDUIT MUST BE PLACED UNDER EXISTING ELECTRIC FACILITIES



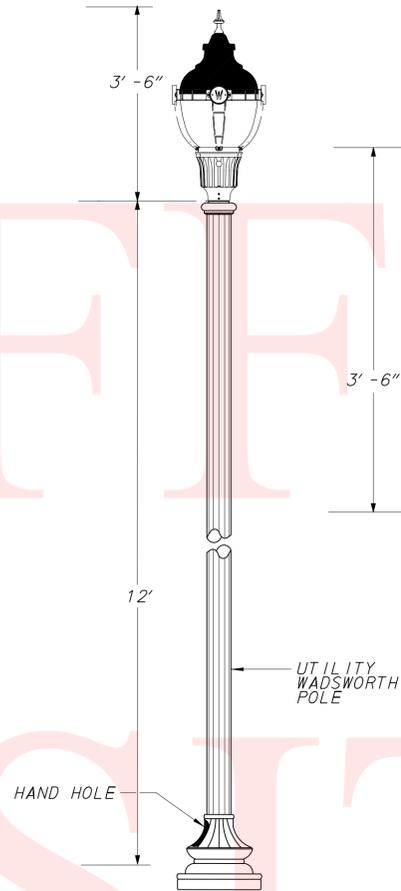
| DECORATIVE LIGHT STANDARDS & ORNAMENTAL POLE BASE SCHEDULE | | | | | |
|--|--------|----------|--------|-----------------------|-------------------|
| NO. | CKT ID | STATION | OFFSET | LUMINAIRE ORIENTATION | PHOTOCELL CONTROL |
| LST-1 | A1 | 601+16.5 | -14.9' | PERP. TO CURB | YES |
| LST-2 | B1 | 601+80.0 | -14.3' | PERP. TO CURB | YES |
| LST-3 | A2 | 602+45.7 | -23.5' | PERP. TO CURB | YES |
| LST-4 | B2 | 601+29.7 | 16.1' | PERP. TO CURB | YES |
| LST-5 | A3 | 601+94.8 | 16.0' | PERP. TO CURB | YES |
| LST-6 | B3 | 602+60.6 | 15.9' | PERP. TO CURB | YES |

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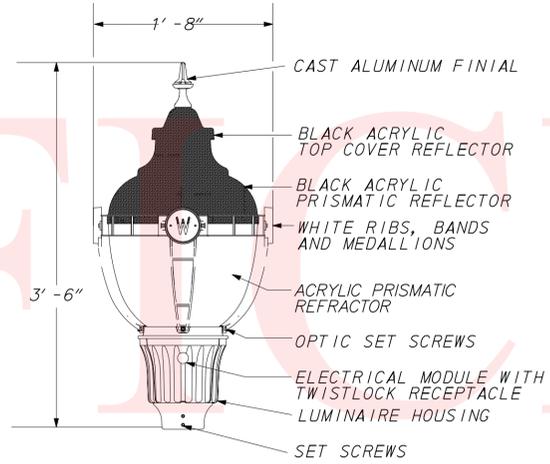


NOTES:
 N - NEUTRAL
 L1 - LINE 1
 L2 - LINE 2
 ① - WEATHERPROOF CONDULET WITH FUSE CONNECTOR KITS
 ② - FIRST JUNCTION WELL FROM UTILITY POLE

SIDEWALK LIGHTING ELECTRICAL SCHEMATIC

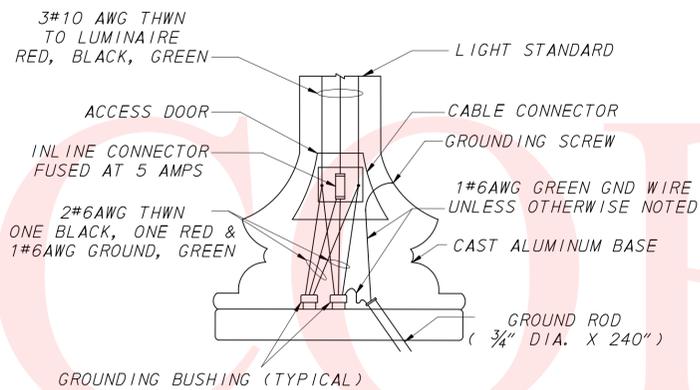


LIGHTING STANDARD

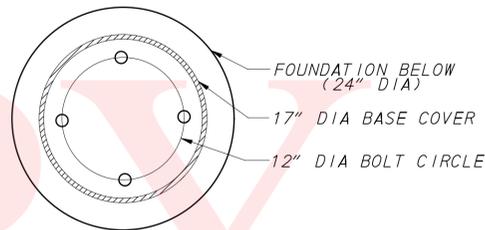


LUMINAIRE DETAILS

- NOTES:**
- CONSTRUCTION DETAILS NOT SHOWN ON THE DRAWINGS ARE TO CONFORM TO THE DELDOT STANDARDS.
 - THE STANDARD SPECIFICATIONS FOR THIS PROJECT ARE DELDOT SPECIFICATIONS.
 - PROVIDE SERVICE DISCONNECT AND CONDUIT RISER IN ACCORDANCE WITH DELMARVA POWER'S REQUIREMENTS.
 - PROVIDE WATERTIGHT, SUBMERSIBLE, PREMOLDED, DISCONNECTIBLE, CONNECTOR KITS FOR ALL SPLICES.
 - PROVIDE INDIVIDUAL FUSING FOR ALL LUMINAIRES.
 - DURING CONSTRUCTION, ALL ELECTRICAL SYSTEMS INCLUDING WIRES AND CONNECTIONS TO BE PROTECTED IN A MANNER THAT ENSURES THE SAFETY OF WORKERS AND THE GENERAL PUBLIC.
 - PRIOR TO CLOSING ANY LANES, THE CONTRACTOR WITHIN THE PROJECT LIMITS SHALL PERFORM AN INSPECTION OF THE EXISTING LIGHTING SYSTEM TO INSURE PROPER FUNCTIONING OF THE SYSTEM.
 - USE #6 AWG WIRE FOR ALL CIRCUITS UNLESS INDICATED IN THE PLANS OR BY THE ENGINEER. PROVIDE #6 AWG GREEN NEUTRAL WIRE TO TERMINATE AT EACH LUMINAIRE.
 - THE CONTRACTOR SHALL PROVIDE FOUR SETS OF RED-LINED ASBUILT PLANS TO THE ENGINEER SHOWING OFFSETS FROM THE CENTERLINE OF THE ROAD AND DEPTH OF THE CONDUIT FROM CENTERLINE OF THE ROAD.



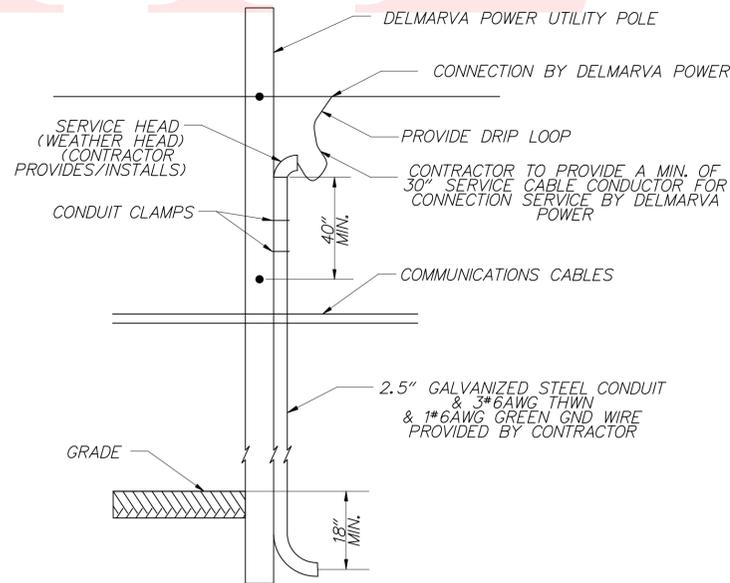
TYPICAL LUMINAIRE CONNECTION



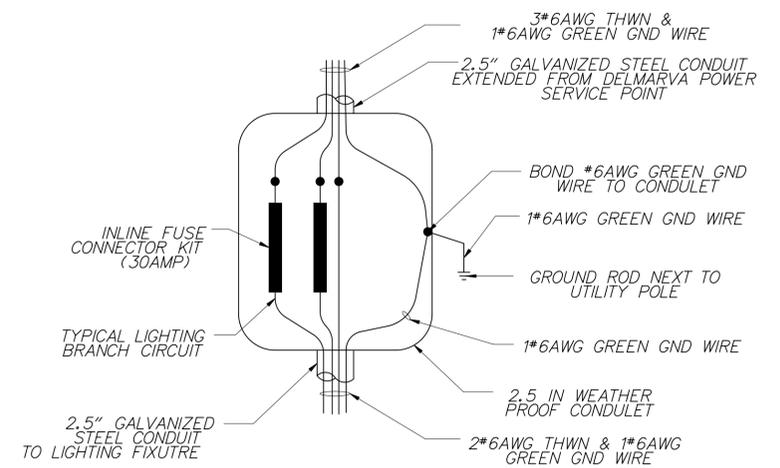
POLE BASE PLAN



ANCHOR BOLT DETAIL

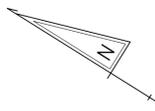


POLE SERVICE DETAIL



WEATHERPROOF CONDULET DETAIL (POWER BRANCH CIRCUIT)

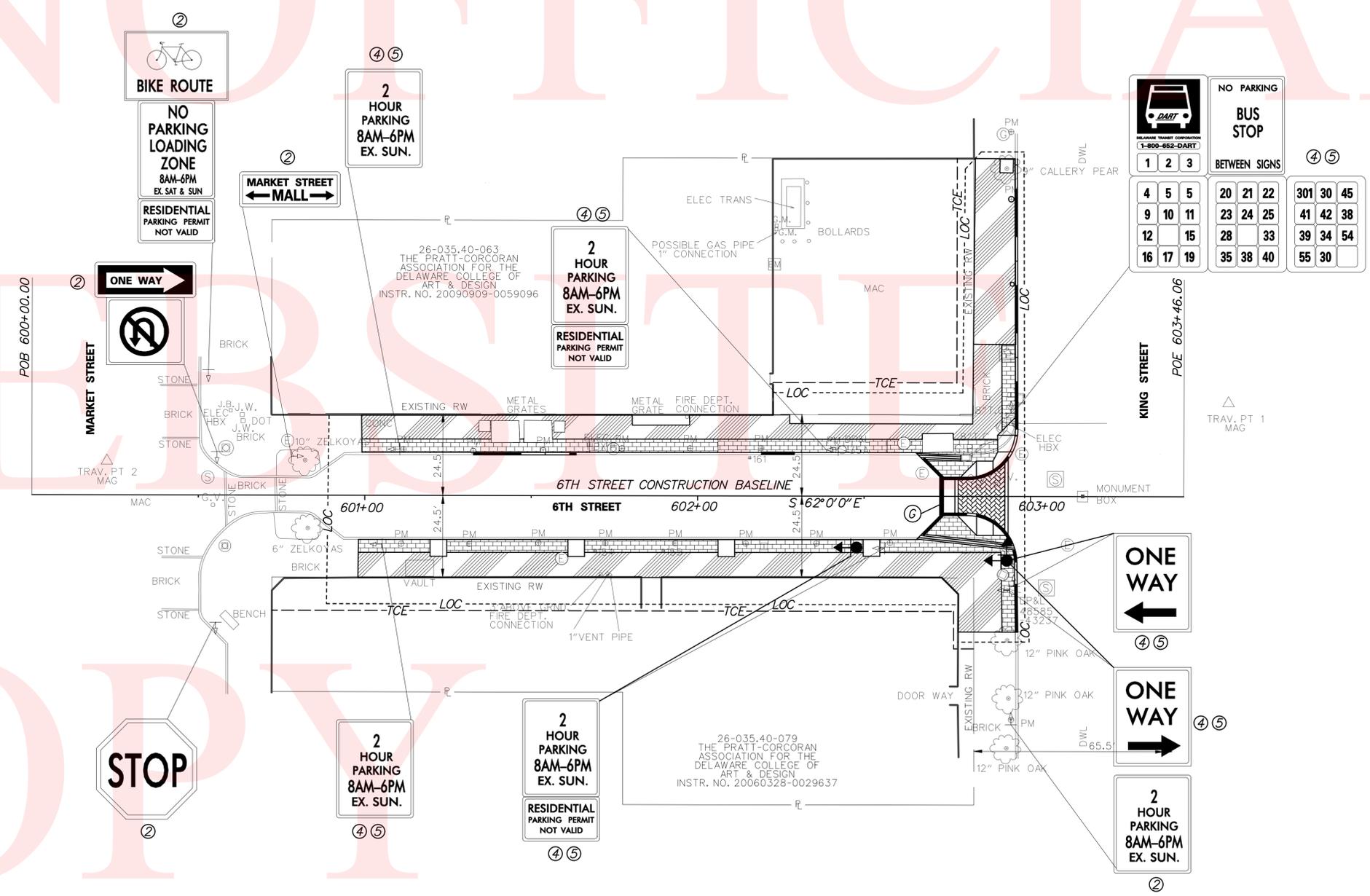
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| PAVEMENT MARKINGS LEGEND | | |
|--------------------------|--|----------|
| SYMBOL | ITEM | QUANTITY |
| ⑥ | PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKD-THERMOPLASTIC (ITEM 748015) | 14 SF |

| SIGNING LEGEND | |
|----------------|--------------------------|
| ① | REMOVE EXISTING SIGN |
| ② | EXISTING SIGN TO REMAIN |
| ③ | PLACE NEW SIGN |
| ④ | RENEW EXISTING SIGN |
| ⑤ | REPOSITION EXISTING SIGN |

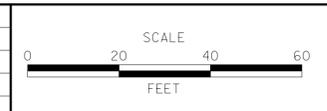
UNOFFICIAL



| | | | | | |
|--|----|----|--|----|----|
| DELAWARE TRANSIT CORPORATION 1-800-652-DART | | | NO PARKING BUS STOP BETWEEN SIGNS | | |
| 1 | 2 | 3 | 20 | 21 | 22 |
| 4 | 5 | 5 | 23 | 24 | 25 |
| 9 | 10 | 11 | 28 | 29 | 30 |
| 12 | 13 | 15 | 35 | 36 | 37 |
| 16 | 17 | 19 | 38 | 39 | 40 |
| | | | 301 | 30 | 45 |
| | | | 41 | 42 | 38 |
| | | | 39 | 34 | 54 |
| | | | 55 | 30 | |

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| ADDENDUMS / REVISIONS |
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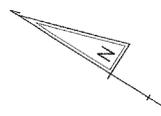


6TH STREET ENHANCEMENTS

| | |
|------------------------|------------------|
| CONTRACT T201020001 | BRIDGE NO. NA |
| COUNTY NEW CASTLE | DESIGNED BY: TM |
| | CHECKED BY: JMH |

SIGNING, STRIPING, AND CONDUIT PLANS

| |
|-------------------|
| SS-01 |
| SHEET NO. 23 |
| TOTAL SHTS. 24 |



| ASSESSMENT NUMBER | OWNERSHIP OF RECORD | TYPE OF ACQUISITION | TITLE SOURCE | PARCEL AREA (ACRES) |
|-------------------|---|---------------------|------------------|---------------------|
| 26-035.40-063 | (1-L) THE PRATT-CORCORAN ASSOCIATION FOR THE DELAWARE COLLEGE OF ART & DESIGN | TCE | 20090909-0059096 | 0.326 |

| ALIGNMENT NUMBER & DESCRIPTION: 1000 - 6TH STREET | | | | | | | | | | | |
|---|------------|-----------|----------|-------------|-------------|------------------|----------|---------------|--------------|------------|-----------|
| PT. NO. | ALIGN. NO. | STATION | OFFSET * | NORTH | EAST | BEARING | DISTANCE | CHORD BEARING | CHORD LENGTH | ARC LENGTH | RADIUS ** |
| 40000 | 1000 | 602+22.58 | -24.50 | 634388.7664 | 618763.8216 | N 28°00'00.00" E | 9.5000 | | | | |
| 40001 | 1000 | 602+22.58 | -34.00 | 634397.1544 | 618768.2818 | S 62°00'00.00" E | 55.2433 | | | | |
| 40002 | 1000 | 602+77.82 | -34.00 | 634371.2193 | 618817.0587 | N 28°00'00.00" E | 67.2500 | | | | |
| 40003 | 1000 | 602+77.82 | -101.25 | 634430.5975 | 618848.6307 | S 62°00'00.00" E | 5.0000 | | | | |
| 40004 | 1000 | 602+82.82 | -101.25 | 634428.2501 | 618853.0454 | S 28°00'00.00" W | 76.7500 | | | | |
| 40005 | 1000 | 602+82.82 | -24.50 | 634360.4839 | 618817.0135 | N 28°00'00.00" W | 60.2433 | | | | |
| 40000 | 1000 | 602+22.58 | -24.50 | 634388.7664 | 618763.8218 | N 28°00'00.00" W | | | | | |

FIGURE 1-L TCE AREA = 908.5612 SQ. FT. (0.0209 ACRES)

| ASSESSMENT NUMBER | OWNERSHIP OF RECORD | TYPE OF ACQUISITION | TITLE SOURCE | PARCEL AREA (ACRES) |
|-------------------|---|---------------------|------------------|---------------------|
| 26-035.40-079 | (1-R) THE PRATT-CORCORAN ASSOCIATION FOR THE DELAWARE COLLEGE OF ART & DESIGN | TCE | 20060328-0029637 | 0.248 |

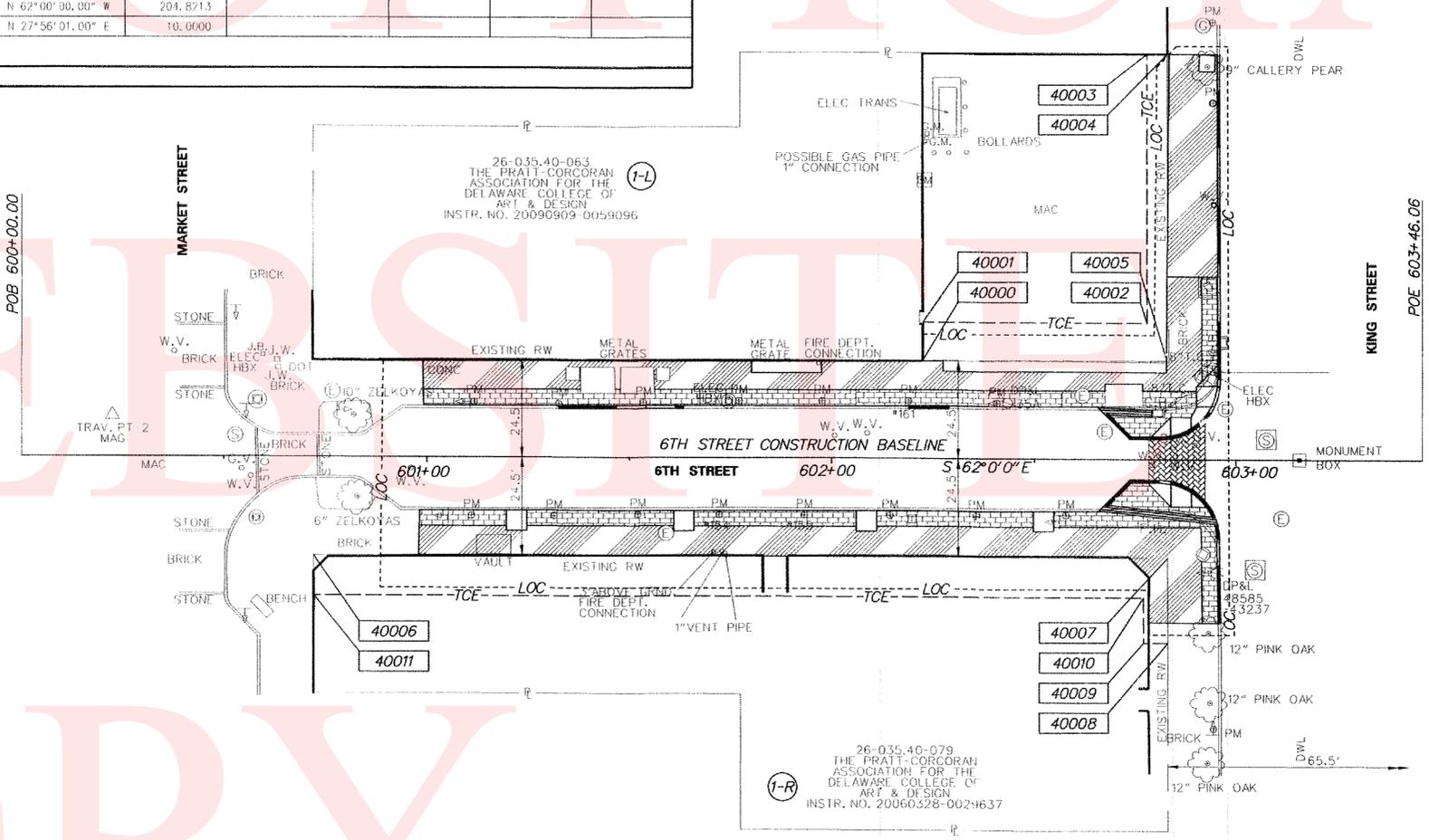
| ALIGNMENT NUMBER & DESCRIPTION: 1000 - 6TH STREET | | | | | | | | | | | |
|---|------------|-----------|----------|-------------|-------------|------------------|----------|---------------|--------------|------------|-----------|
| PT. NO. | ALIGN. NO. | STATION | OFFSET * | NORTH | EAST | BEARING | DISTANCE | CHORD BEARING | CHORD LENGTH | ARC LENGTH | RADIUS ** |
| 40006 | 1000 | 600+72.13 | 24.50 | 634416.1324 | 618607.9813 | S 62°00'00.00" E | 210.8100 | | | | |
| 40007 | 1000 | 602+82.94 | 24.50 | 634317.1631 | 618794.1154 | S 27°52'37.00" W | 21.1829 | | | | |
| 40008 | 1000 | 602+82.99 | 45.68 | 634298.4369 | 618784.2136 | N 62°12'37.25" W | 6.0000 | | | | |
| 40009 | 1000 | 602+76.99 | 45.70 | 634301.2350 | 618778.9060 | N 27°52'07.00" E | 11.2041 | | | | |
| 40010 | 1000 | 602+76.96 | 34.50 | 634311.1397 | 618784.1433 | N 62°00'00.00" W | 204.8213 | | | | |
| 40011 | 1000 | 600+72.14 | 34.50 | 634407.2975 | 618603.2968 | N 27°56'01.00" E | 10.0000 | | | | |
| 40006 | 1000 | 600+72.13 | 24.50 | 634416.1324 | 618607.9813 | | | | | | |

FIGURE 1-R TCE AREA = 2175.3176 SQ. FT. (0.0499 ACRES)

LEGEND

FEE AREA OF ACQUISITION
 RW AREA OCCUPIED BY EXISTING RW
 PE PERMANENT EASEMENT
 TCE TEMPORARY CONSTRUCTION EASEMENT

* - - - OFFSET IS LEFT OF BASELINE
 ** - - - CURVE TURNS TO THE LEFT



PREPARED BY
 THE CONSULTING FIRM OF
**McCormick
 Engineers & Planners
 Since 1946 Taylor**

Michael Angelo
 PROJECT MANAGER

SEAL
 4/16 2012
 DATE

MICHAEL A. ANGELO
 REGISTERED
 NO. 0728
 DELAWARE
 PROFESSIONAL ENGINEER

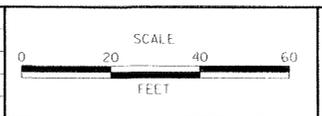
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| COUNTY ASSESSMENT PARCEL NUMBER | PLAN SHEET NUMBER | OWNERSHIP OF RECORD | TITLE SOURCE | PROPERTY AREA BEFORE ACQUISITION (ACRE) D=DEED C=CALCULATED A=ASSESSMENT | ACQUISITION CODE FEE, R/W, P/E, TCE | AREA TO BE ACQUIRED | | PROPERTY AREA REMAINING (SQ. FEET / ACRES) | DEED RECORD OF ACQUISITION | REMARKS |
|---------------------------------|-------------------|---|------------------|---|---|--------------------------------|--|--|----------------------------|-----------------------------|
| | | | | | | ACQUISITION (SQ. FEET / ACRES) | EASEMENT PERMANENT (SQ. FEET / ACRES) TEMPORARY (SQ. FEET / ACRES) | | | |
| 26-035.40-063 | 23 | (1-L) THE PRATT-CORCORAN ASSOCIATION FOR THE DELAWARE COLLEGE OF ART & DESIGN | 20090909-0059096 | C - 0.33 | TCE | | 908.5612 / 0.02 | 14208.04 / 0.33 | | |
| 26-035.40-079 | 23 | (1-R) THE PRATT-CORCORAN ASSOCIATION FOR THE DELAWARE COLLEGE OF ART & DESIGN | 20060328-0029637 | D - 0.25 | TCE | | 2175.3176 / 0.05 | 10793.00 / 0.25 | | TO ACCESS UNDERGROUND VAULT |

**DELAWARE
 DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS

| | |
|--|--|
| | |
| | |



**6TH STREET
 ENHANCEMENTS**

| | |
|------------------------|------------------------------------|
| CONTRACT T201020001 | BRIDGE NO. N/A |
| COUNTY NEW CASTLE | DESIGNED BY: TM CHECKED BY: JMH |

ACQUISITION CODES
 FEE - ACQUISITION
 R/W - AREA OCCUPIED BY EXISTING R/W
 PE - PERMANENT EASEMENT
 TCE - TEMPORARY EASEMENT

RIGHT-OF-WAY PLAN

| | |
|--------------|----|
| SHEET NO. | 24 |
| TOTAL SHEETS | 24 |