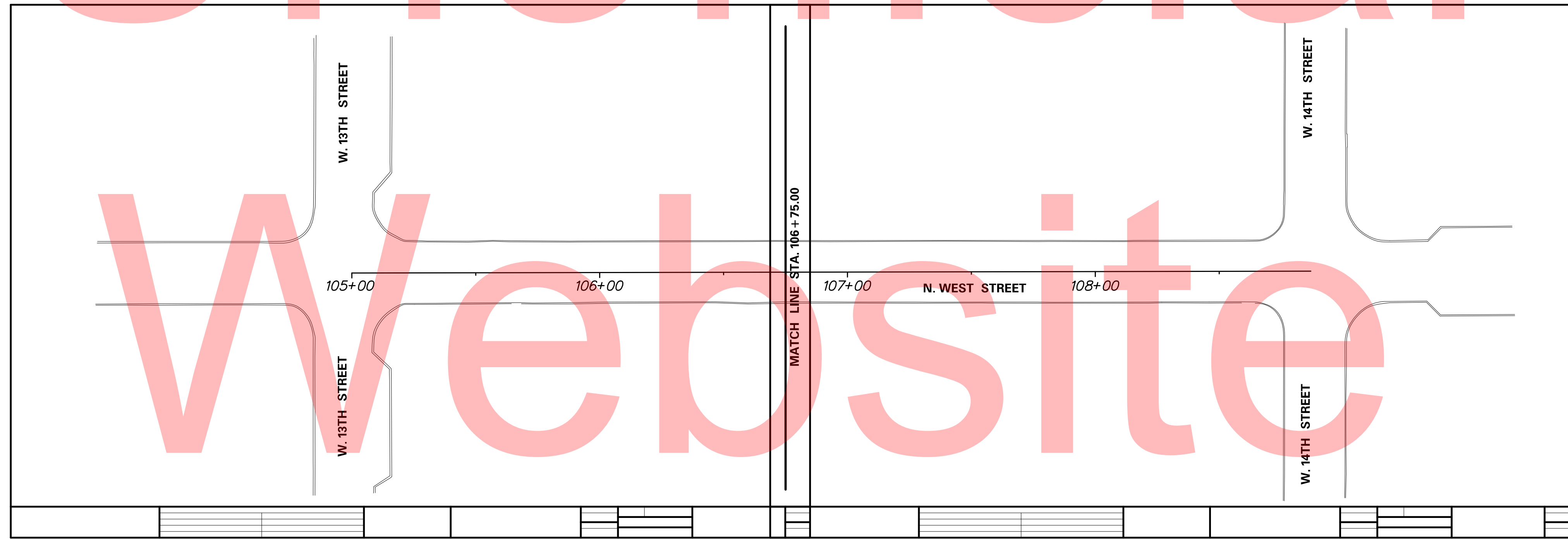
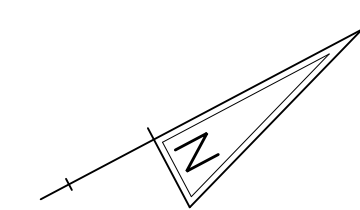
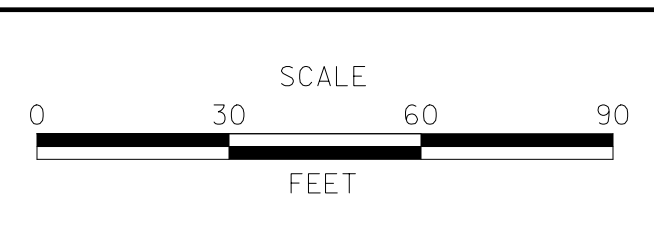


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ADDENDUMS / REVISIONS



**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

PLAN SHEET INDEX

IS-01
SHEET NO. 2
TOTAL SHTS. 33



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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	
	DELMARVA POWER (GAS)
	DELMARVA POWER (ELECTRIC-DIST)
	CITY OF WILMINGTON SEWER
	CITY OF WILMINGTON WATER
	VERIZON TELEPHONE (OVERHEAD)
	PROPOSED DELMARVA POWER (GAS)

CONSTRUCTION	
	CONCRETE SAFETY BARRIER - PERMANENT
	BIOFILTRATION SWALE
	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
	IMPACT ATTENUATOR
	JUNCTION BOX - DRAINAGE
	LATERAL OFFSET
	LIMIT OF CONSTRUCTION
	MAILBOX
	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

PROPOSED SYMBOLS

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)	
	SEE CONSTRUCTION DETAIL SHEET FOR PAVEMENT PATCH ITEMS FOR STONE CURB
	ITEM *705506 - BRICK AND/OR BLOCK ROADWAY
	ITEM *705504 - BRICK AND/OR BLOCK SIDEWALK (SEE CONSTRUCTION DETAIL SHEET FOR DETAILS)
	P.C.C. SIDEWALK - 8"

EROSION & SEDIMENT CONTROL	
	DEWATERING BASIN
	EROSION CONTROL BLANKET
	EARTH DIKE
	INLET SEDIMENT CONTROL
	PERIMETER DIKE/SWALE
	PORTABLE SEDIMENT TANK
	REINFORCED SILT FENCE
	RESOURCE PROTECTION FENCE
	SANDBAG DIKE
	SANDBAG DIVERSION
	STONE CHECK DAM
	STABILIZED CONSTRUCTION ENTRANCE
	SILT FENCE
	SUMP PIT, TYPE 1
	SUMP PIT, TYPE 2
	SEDIMENT TRAP
	SEDIMENT TRAP WITH INLET AS OUTLET
	SKIMMER DEWATERING DEVICE
	SEDIMENT TRAP PIPE OUTLET
	STILLING WELL
	TEMPORARY SWALE
	TEMPORARY SLOPE DRAIN

UTILITY COMPANY FACILITIES	
	DELMARVA POWER (GAS)

MISCELLANEOUS	
	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM

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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 PROVIDE WRITTEN NOTICE TO ALL RESIDENTS AND BUSINESSES WHERE CONSTRUCTION WILL IMPACT ACCESS TO THEIR PROPERTY AT LEAST TWO (2) WEEKS PRIOR TO THE BEGINNING OF THE CONSTRUCTION PHASE.
- THE CONTRACTOR SHALL GIVE TWO (2) WEEKS NOTICE TO THE PROPERTY OWNER WHEN ANY NON-FIXED OBJECT (SUCH AS A FIXTURE, SHRUB, FREESTANDING PLANTER, OR FREESTANDING TRASH RECEPTICLE) 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 AND RELOCATE THE OBJECT. THE CONTRACTOR SHALL PROTECT THE OBJECT DURING RELOCATION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED DURING RELOCATION OR FROM CONSTRUCTION ACTIVITIES. ALL COSTS FOR WORK AND MATERIALS ASSOCIATED WITH RELOCATION OF NON-FIXED OBJECTS SHALL BE INCIDENTAL TO ITEM 201000 - CLEARING AND GRUBBING. THE CONTRACTOR SHALL NOT DISTURB PROPERTY OUTSIDE THE LOC BUT WITHIN THE TCE.
- THE CONTRACTOR SHALL GIVE TWO (2) WEEKS NOTICE TO THE PROPERTY OWNER WHEN ANY FIXED OBJECT (SUCH AS A HANDRAIL OR PLANTER BED) MUST BE DISTURBED WITHIN THE RIGHT OF WAY OR EASEMENT AREA. THE OBJECT SHALL BE RESET TO THE ORIGINAL POSITION AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION ACTIVITIES. ALL COSTS FOR WORK AND MATERIALS ASSOCIATED WITH RESETTING OF FIXED OBJECTS SHALL BE INCIDENTAL TO ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK. THE CONTRACTOR SHALL NOT DISTURB PROPERTY OUTSIDE THE LOC BUT WITHIN THE TCE.
- 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 PRIOR TO THE EXECUTION OF THE CONTRACT. 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 PRIOR TO THE EXECUTION OF THE CONTRACT. THE SITE REVIEWER REQUIREMENTS IN EFFECT ON THIS PROJECT SHALL BE MARKED WITH AN "X" BELOW:

EROSION POTENTIAL FOR THIS PROJECT	SITE REVIEWER REQUIREMENT
() INSIGNIFICANT	NONE
(X) MINOR	CONTRACTOR CERTIFICATION COURSE TRAINING ONLY, AS DEFINED IN SECTION 13 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
() MEDIUM	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 PRIOR TO THE EXECUTION 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 AWARDED CONTRACTOR, INCLUDE:

()	NONE
()	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
(X)	ALL PLAN SHEETS, IN PDF FORMAT.
()	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.

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

(X)	CROSS SECTIONS
(X)	RIGHT-OF-WAY PLANS (WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR)

- 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. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 743000.
()	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. PAYMENT FOR ATSSA SUPERVISOR SHALL BE PAID FOR UNDER ITEM 743031.

- THE DISTURBED AREA FOR THIS PROJECT IS 0.22 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.

SECTION 200

- IN AREAS WHERE TREES OR SHRUBS WILL BE OVERHANGING THE PROPOSED SIDEWALK, PRUNING MAY BE NECESSARY TO ACHIEVE A VERTICAL CLEAR SPACE OF 10 FEET ABOVE THE PROPOSED SIDEWALK ELEVATION. THE CONTRACTOR SHALL PRUNE EXISTING TREE AND SHRUB BRANCHES, WHICH OVERHANG THE SIDEWALK, IN ACCORDANCE WITH I.S.A. STANDARDS. THE CONTRACTOR SHALL NOTIFY DELDOT'S ROADSIDE ENVIRONMENTALIST ADMINISTRATOR, EUGENE 'CHIP' ROSAN, JR. AT (302) 760-2185 AND/OR HIS DESIGNEE, AND THE CITY OF WILMINGTON'S URBAN FOREST ADMINISTRATOR, HERB WHITE, (302) 576-2582 OR HWWHITE@WILMINGTON.GOV AT LEAST TWO (2) DAYS PRIOR TO THE PRUNING OPERATION. ANY TOOL USED FOR PRUNING TREES SHALL BE CLEANED AND DISINFECTED PRIOR TO ITS USE ON ANOTHER TREE TO PREVENT THE SPREAD OF DISEASE. ALL COSTS ASSOCIATED WITH THE ABOVE WORK TO BE PAID UNDER ITEM 201000 - CLEARING AND GRUBBING.
- THE ENGINEER MAY REQUIRE THE CONTRACTOR TO EXCAVATE TEST PITS AT POINTS OF POSSIBLE UTILITY CONFLICTS WITH PROPOSED CONSTRUCTION, 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 208000, BUT ONLY TO THE ACTUAL DEPTH EXCAVATED.

- ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

- EXISTING GRANITE CURB

SECTION 600

- THE DEPARTMENT AND THE CONTRACTOR SHALL INSPECT ALL EXISTING PIPES AND DRAINAGE STRUCTURES TO BE USED IN THE FINAL DRAINAGE SYSTEM AND AGREE ON THE CONDITION PRIOR TO THE START OF CONSTRUCTION. EXISTING PIPES AND DRAINAGE STRUCTURES DAMAGED DUE TO CONTRACTOR OPERATIONS SHALL BE REPAIRED OR REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE. THE DEPARTMENT WILL VIDEO INSPECT NEW PIPE RUNS TO CONFIRM CONDITION PRIOR TO ACCEPTANCE. PIPE CLEANING PRIOR TO VIDEO INSPECTION AND MAINTENANCE OF TRAFFIC DURING THE VIDEO INSPECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE PIPE ITEM THAT IS BEING VIDEO INSPECTED.

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 CONCRETE 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.
- 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.

SECTION 900

- 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 STORMWATER 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.

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.
- LATERAL OFFSET THROUGHOUT THE PROJECT LIMITS SHALL BE 1.5 FEET FROM THE FACE OF CURB.
- THE CONTRACTOR MUST BE AWARE THAT THE PROJECT TAKES PLACE WITHIN A PROPOSED HISTORIC DISTRICT. AS SUCH, NO FURTHER WORK SHOULD BE UNDERTAKEN OTHER THAN 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 DISTRICT ENGINEER AND THE ENVIRONMENTAL STUDIES OFFICE (MICHAEL HAHN 302-760-2131; MICHAEL C. HAHN@STATE.DE.US). IF NECESSARY, 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 AND CONSIDERATIONS TO HISTORIC PROPERTIES, PER SHPO, FHWA, THE PROPERTY OWNER(S), AND THE CONTRACTOR'S DIALOGUE.
- BEFORE CONSTRUCTION ACTIVITIES, THE CONTRACTOR WILL RECORD AND MONITOR SITE CONDITIONS BY USE OF VIDEO OR OTHER DATA RECORDATION. AS PART OF THAT EFFORT, THE CONTRACTOR MAY ALSO UNDERTAKE FIELD MEASUREMENTS AND RECORD EXISTING CONDITIONS FOR DESIGN DETAILS AND ANY CONTRASTING SPECIFICATIONS. COPIES WILL BE PROVIDED TO THE APPROPRIATED PERSONNEL DURING THE PRE-CONSTRUCTION MEETING AND PRIOR TO CONSTRUCTION. THE DEPARTMENT SHALL REVIEW AND APPROVE THE VIDEO PRIOR TO BEGINNING OF CONSTRUCTION ACTIVITIES. THE EFFORTS WILL BE USED FOR ANY DISPUTE RESOLUTIONS, SHOULD THEY ARISE. COST OF VIDEOTAPING IS CONSIDERED INCIDENTAL TO ITEM 763501 - CONSTRUCTION ENGINEERING.
- WITHIN THE PROJECT LIMITS, ALL STRUCTURES ARE CONSIDERED CONTRIBUTING TO A HISTORIC DISTRICT. THERE ARE ALSO NO NATIONAL REGISTER LISTED STRUCTURES NEAR THE AREA THAT MAY BE SENSITIVE TO ANY TYPE OF CONSTRUCTION.
- IF UNFORESEEN DAMAGE OCCURS TO ANY PROPERTIES WITHIN THE PROPOSED HISTORIC DISTRICT (HD), AS A DIRECT RESULT OF THE UNDERTAKING, DELDOT'S ENVIRONMENTAL STUDIES PERSONNEL WILL BE CONTACTED PRIOR TO IMPLEMENTATION TO ENSURE THAT PROPOSED REPAIRS WILL MEET THE SECRETARY OF THE INTERIOR STANDARDS FOR REHABILITATION AND/OR TREATMENT OF HISTORIC PROPERTIES. ANY REPAIR MEASURES WILL AVOID AND MINIMIZE POTENTIAL ADVERSE EFFECTS AS DETERMINED BY DELDOT, SHPO, AND FHWA.
- ALL STOCKPILING OF MATERIALS OR PARKING OF CONSTRUCTION VEHICLES WILL TAKE PLACE OUTSIDE OF THE PROPOSED HISTORIC DISTRICT.
- THERE ARE NO ENVIRONMENTAL PERMITS ASSOCIATED WITH THIS PROJECT. AS SUCH, AN ENVIRONMENTAL COMPLIANCE SHEET WAS NOT PREPARED.
- THE CONTRACTOR IS PROHIBITED FROM STORING MATERIALS, PARKING, OR DRIVING VEHICLES WITHIN THE DRIPLINE OF EXISTING TREES IN THE PROJECT LIMITS. THE CONTRACTOR SHALL REFER TO WILMINGTON CITY CODE SECTION 46-32 FOR MORE DETAILS ABOUT TREE PROTECTION.
- EXTREME CAUTION SHALL BE EXERCISED NOT TO DAMAGE EXISTING TREES AND SHRUBBERY NOT SPECIFIED FOR REMOVAL ON PLAN, WHICH INCLUDES PROTECTING ROOTS, STEMS, BRANCHES AND TRUNKS FROM MECHANICAL DAMAGE AND COMPACTION. FROM VEHICULAR TRAFFIC AND CONSTRUCTION STORAGE WITHIN THE TREE DRIPLINE. REFER TO THE CITY CODE 46-32 FOR FURTHER INFORMATION. TO MINIMIZE DAMAGE TO THE AREA, A COMPACT EXCAVATOR WITH A FOOTPRINT LESS THAN OR EQUAL TO THE WIDTH OF THE SIDEWALK SHALL BE USED FOR ALL EXCAVATION. ONLY TREES AND SHRUBS NOTED ON THE PLANS FOR REMOVAL MAY BE DISTURBED. THE CONTRACTOR SHALL CONTACT DELDOT'S ROADSIDE ENVIRONMENTAL ADMINISTRATOR, EUGENE "CHIP" R. ROSAN, JR. (302) 760-2185 AND/OR HIS DESIGNEE, AND THE CITY OF WILMINGTON'S URBAN FOREST ADMINISTRATOR, HERB WHITE, (302) 576-2582 OR HWWHITE@WILMINGTON.GOV AT LEAST TWO (2) DAYS PRIOR TO EXCAVATION IN THE VICINITY OF THE TREE IN ORDER THAT THE CONDITION OF ANY OF THE ROOT SYSTEM EXPOSED DURING THE EXCAVATION MAY BE EXAMINED. IF THE TREE IS TO BE REMOVED, AS DETERMINED BY DELDOT'S ROADSIDE ENVIRONMENTAL SPECIALIST OR WILMINGTON'S URBAN FOREST ADMINISTRATOR, REMOVAL SHALL BE PAID UNDER ITEM 201000 - CLEARING AND GRUBBING. ALL TREES WHOSE ROOTS ARE IMPACTED BY CONSTRUCTION SHALL BE PRUNED TO CORRECT ANY SUBSTANTIAL DAMAGE IN ACCORDANCE WITH I.S.A. STANDARDS BY AN I.S.A. CERTIFIED ARBORIST. UPON COMPLETION OF ALL CONSTRUCTION IN THE IMMEDIATE AREA OF THE TREE, THE AREA SHALL BE RESTORED TO ITS ORIGINAL APPEARANCE. THIS WORK SHALL BE DIRECTED BY DELDOT'S ROADSIDE ENVIRONMENTAL ADMINISTRATOR AND SHALL BE PAID UNDER ITEM 201000 - CLEARING AND GRUBBING.
- ANY TREE DAMAGES CAUSED DIRECTLY OR INDIRECTLY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL RESTORE RESOURCES WITHIN THE PROJECT BOUNDARIES TO A CONDITION THAT WILL APPEAR TO BE NATURAL OR MATCH THE CONDITIONS EXISTING PRIOR TO THE START OF WORK. PARKS SUPERINTENDENT SHALL DETERMINE IF DAMAGED TREES REQUIRE TREATMENT (I.E. IMPROVE AERATION OF THE ROOT ZONES THROUGH TECHNIQUES SUCH AS VERTICAL MULCHING, CORE AERATION, RADIAL AERATION MULCHING, FERTILIZATION, AND/OR IRRIGATION PERFORMED IN ACCORDANCE WITH ANSI A300 ARBORICULTURE STANDARDS) OR BE REMOVED AND REPLACED. REPLACEMENT TREES SHALL BE IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK, BE 2" CALIPER, BALLED AND BURLAPPED, INCLUDE STAKES, MULCH AND GATOR BAGS, AND BE GUARANTEED FOR A MINIMUM OF 1-YEAR FROM THE DATE OF ACCEPTANCE BY THE CITY.
- ROOT CUTTING OF ROOTS GREATER THAN 2 INCHES IN DIAMETER IS PROHIBITED WITHIN TREE DRIP LINES WITHOUT PRIOR PERMISSION FROM HERB WHITE URBAN FOREST ADMINISTRATOR (302-576-2582).
- THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS, LAYOUT DIMENSIONS AND CLEARANCES THAT ARE ON THE DRAWINGS PRIOR TO ANY CONSTRUCTION WORK. THE COST OF THIS ITEM SHALL BE INCIDENTAL TO ITEM 763501 - CONSTRUCTION ENGINEERING. THE CONTRACTOR SHALL PROVIDE A PRECONSTRUCTION AND POST CONSTRUCTION SURVEY OF CURB HEIGHTS.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITY. ANY UTILITY CONFLICT SHALL BE IDENTIFIED TO THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL MATCH EXISTING ROAD GRADE AT FACE OF CURB UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL PROVIDE A PRECONSTRUCTION AND POST CONSTRUCTION SURVEY OF THE PROJECT SHOWING PRE AND POST STATIONS AND ELEVATIONS TO VERIFY THIS IS MET. PAYMENT IS INCIDENTAL TO ITEM 763501 - CONSTRUCTION ENGINEERING.
- THE BOTTOM RISER HEIGHT OF A STAIRWAY CONNECTING TO THE PROPOSED SIDEWALK SHALL BE BETWEEN 7 INCHES MAXIMUM TO 4 INCHES MINIMUM OR AS SHOWN ON THE PLAN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL VERIFY IF THE BOTTOM RISER HEIGHTS OF ALL STAIRWAYS WITHIN THE PROJECT LIMIT ARE WITHIN THIS RANGE UNDER EXISTING CONDITIONS. IF THE EXISTING BOTTOM RISER HEIGHT IS OUTSIDE OF THIS RANGE, THE PROPOSED SIDEWALK SHALL BE PLACED SUCH THAT THE RISER HEIGHT UNDER PROPOSED CONDITIONS IS NOT FURTHER FROM THIS RANGE THAN UNDER EXISTING CONDITIONS.
- THE CONTRACTOR SHALL SALVAGE ANY GRANITE OR STONE CURB WITHIN THE PROJECT LIMITS AS DIRECTED BY THE ENGINEER. SALVAGED STONE OR GRANITE CURB SHALL BE DELIVERED TO THE CITY OF WILMINGTON'S DEPARTMENT OF PUBLIC WORKS CITY YARD ON 1200 NORTHEAST BOULEVARD. ANY WORK ASSOCIATED WITH THE SALVAGING OF STONE OR GRANITE CURB SHALL BE INCIDENTAL TO ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS.
- THE CONTRACTOR SHALL ONLY EXCAVATE AN AREA FOR SIDEWALK CONSTRUCTION THAT CAN BE BACKFILLED WITH APPROVED PEDESTRIAN MATERIAL AT THE END OF EACH WORK DAY. NO BARE SOIL WITHIN THE PROPOSED SIDEWALK LIMITS SHALL BE EXPOSED AT THE END OF EACH WORK DAY. PAYMENT FOR PLACEMENT AND/OR REMOVAL OF MATERIAL WILL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC.
- DURING CONCRETE PLACEMENT, ALL ADJOINING SURFACES SHALL BE PROTECTED WITH PLASTIC SHEETING OR APPROVED EQUAL. COST TO BE INCLUDED IN CONCRETE ITEM.
- REMOVAL OF EXISTING BRICK IS INCIDENTAL TO ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK.
- ALL BRICK OR CONCRETE SAWCUTTING SHALL BE DONE WITH A WET SAWCUT TO CONTROL DUST.
- ALL CURB RAMPS SHALL BE PAID FOR BY INDIVIDUAL MATERIAL PAY ITEMS UNLESS OTHERWISE NOTED ON THE PLANS AND DETAILS.
- THE CONTRACTOR SHALL NOTIFY THE RODNEY SQUARE POST OFFICE (302-656-0228) 14 DAYS PRIOR TO THE START OF CONSTRUCTION TO COORDINATE THE RELOCATION OF THE EXISTING MAILBOX AT STATION 107+88 OFFSET RIGHT.
- 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 INCH TALL 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 IN ACCORDANCE WITH THE WILMINGTON CODE OF ORDINANCES.
- CONTRACTOR SHALL COORDINATE BRICK CONSTRUCTION WITH OWNER OF PARCEL 3-R, TAX PARCEL 26-028.20-135. CELLAR DOOR FRAME SHALL NOT BE DISTURBED.



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS

CONTRACT	BRIDGE NO.	NA
T201220005	DESIGNED BY: SSMG	
COUNTY	CHECKED BY: MAA	
NEW CASTLE		

NOTES

PN-01

SHEET NO.

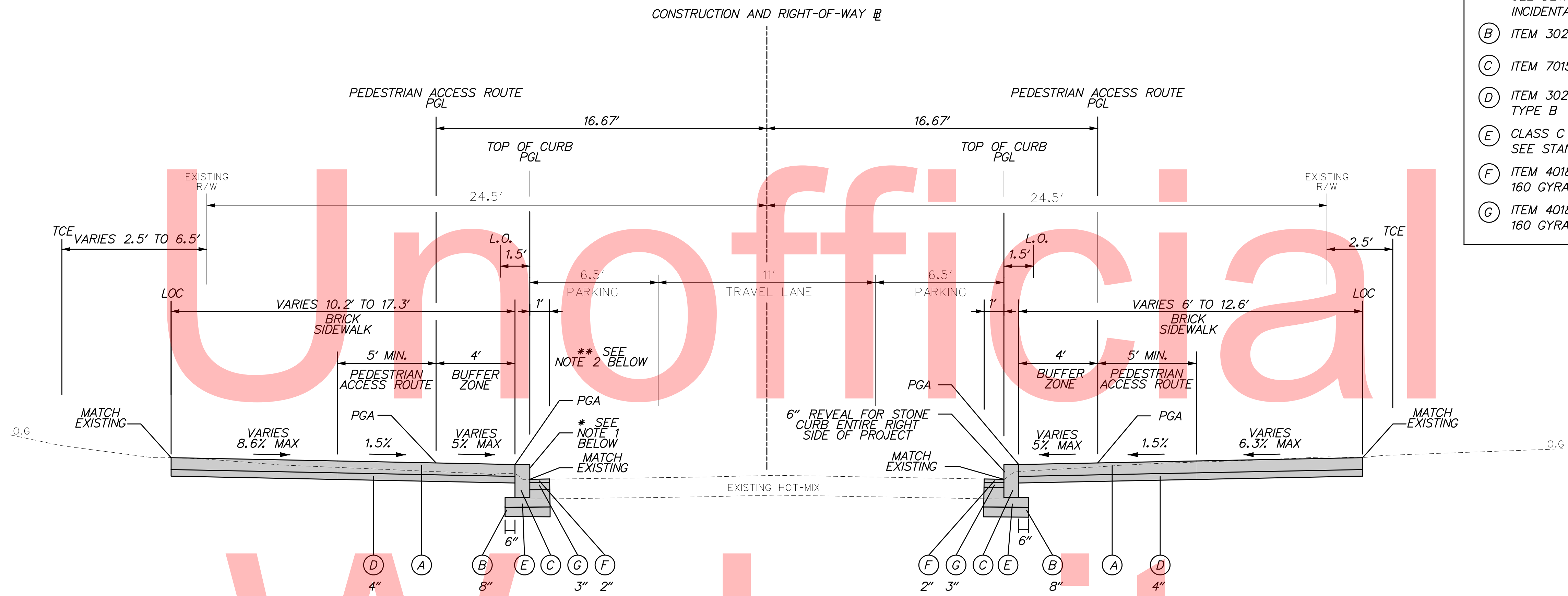
4

TOTAL SHTS.

33

LEGEND

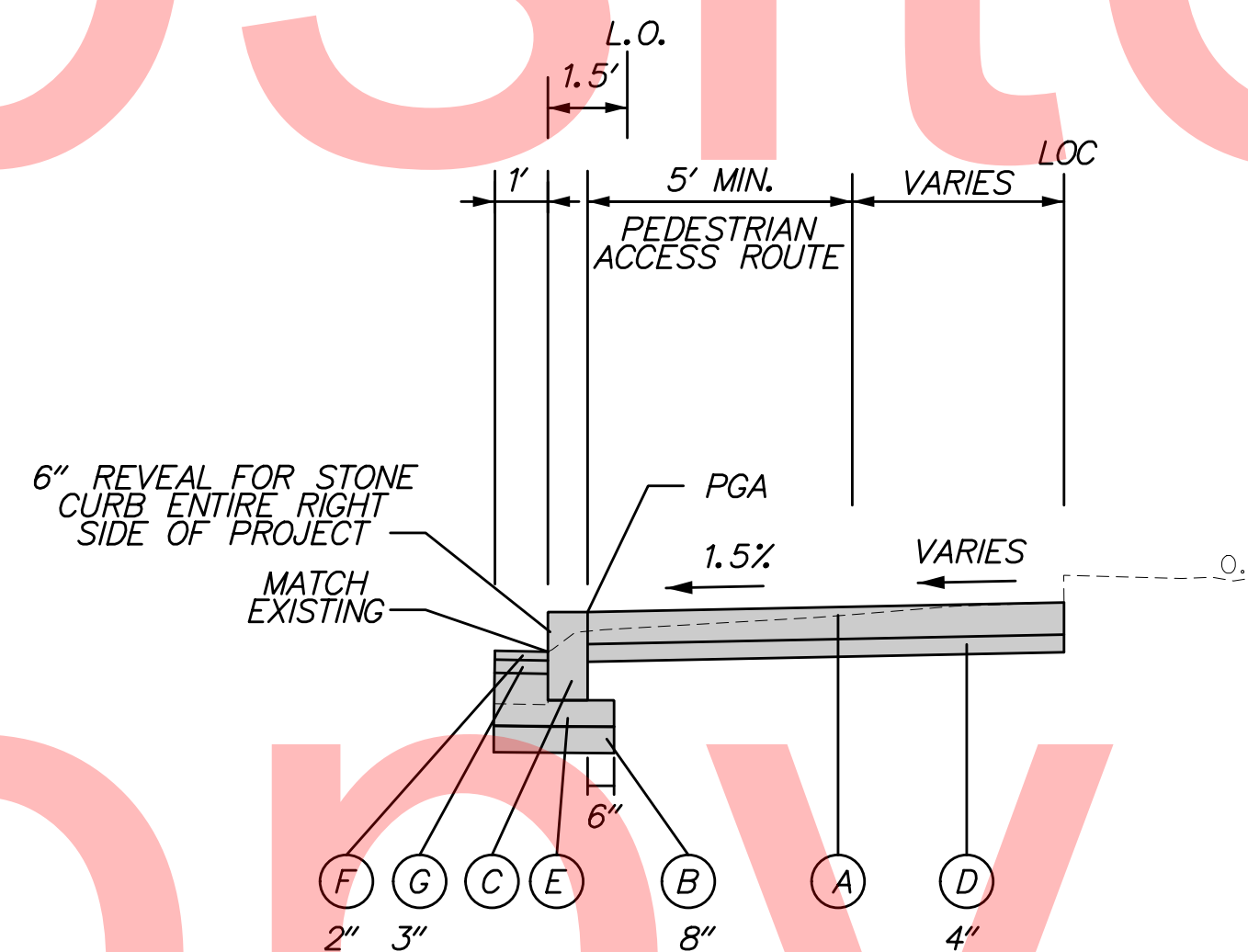
- (A) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
SEE DETAIL SHEET FOR ADDITIONAL MATERIALS
INCIDENTAL TO ITEM
- (B) ITEM 302008 - GABC, TYPE B, PATCHING
- (C) ITEM 701502 - STONE CURB
- (D) ITEM 302007 - GRADED AGGREGATE BASE COURSE,
TYPE B
- (E) CLASS C CONCRETE. INCIDENTAL TO ITEM 701502.
SEE STANDARD CONSTRUCTION DETAILS FOR DEPTHS
- (F) ITEM 401821 - WMA, SUPERPAVE, TYPE C
160 GYRATIONS, PG 64-22, PATCHING
- (G) ITEM 401822 - WMA, SUPERPAVE, TYPE B
160 GYRATIONS, PG 64-22, PATCHING



**WEST STREET TYPICAL SECTION
STA. 105+00 TO STA. 108+87**

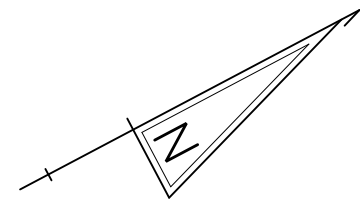
* NOTE 1:
6" REVEAL FOR STONE CURB FROM STA. 105+00 TO APPROX. STA. 106+90;
8" REVEAL FOR STONE CURB FROM APPROX. STA. 107+00 TO STA. 108+87;
TRANSITION CURB HEIGHT FROM 6" TO 8" OVER A DISTANCE OF APPROX. 10 FT.

** NOTE 2:
PAVEMENT REPLACEMENT WIDTH IS 5 FT FROM STA. 108+65 TO STA. 108+81 IN
FRONT OF THE CURB RAMP ON THE LEFT SIDE OF WEST STREET AT 14TH STREET.



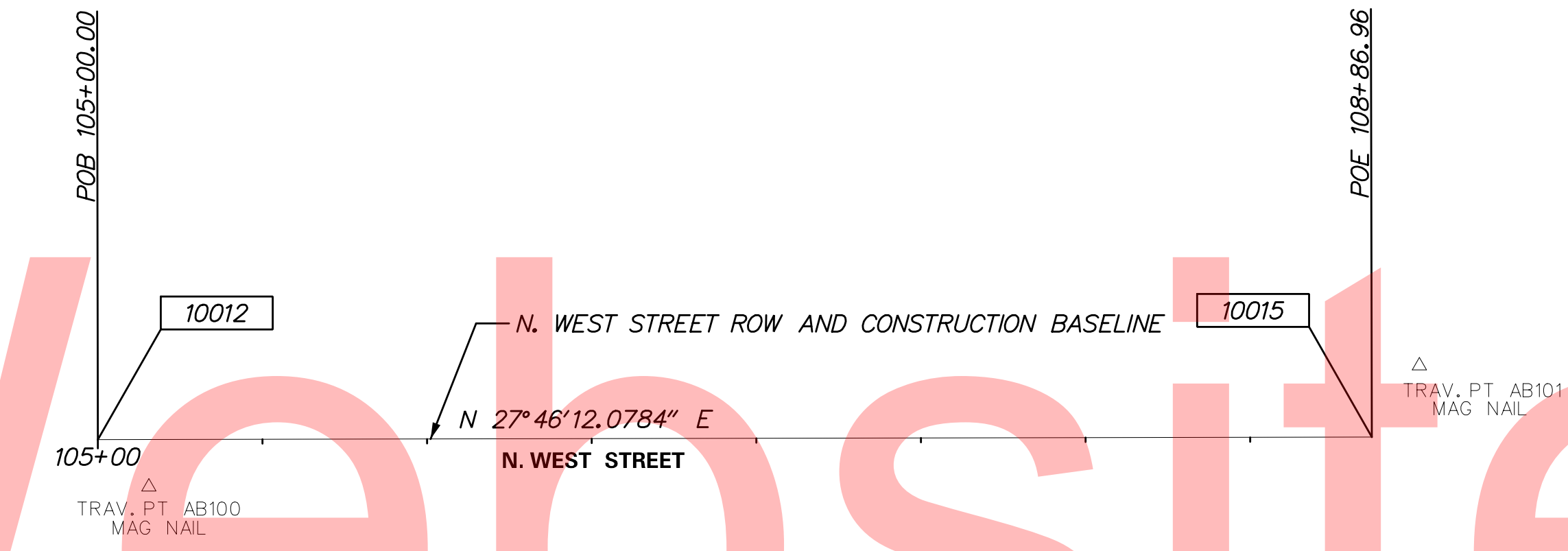
**WEST STREET ALTERNATE RIGHT SECTION
STA. 107+30 TO STA. 108+87**

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Unofficial

Website



CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
10012	105+00.0000	0.0000	637181.5079	618946.2933
10015	108+86.9564	0.0000	637523.8965	619126.5855

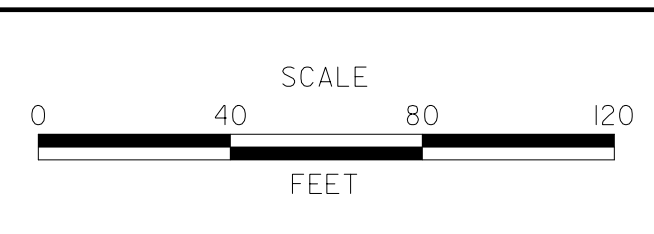
HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
AB100	105+15.7919	14.4668	637188.5033	618966.2290	67.34
AB101	-	-	637546.7953	619114.1693	52.24

DATUM REFERENCE:
 HORIZONTAL - THIS PROJECT IS REFERENCED TO THE DELAWARE STATE PLANE COORDINATE SYSTEM (NAD 83/91).
 VERTICAL - THIS PROJECT IS REFERENCED TO NAVD 88 AND BASED ON THE FOLLOWING STATE OF DELAWARE BENCHMARKS ESTABLISHED BY THE DELAWARE DEPARTMENT OF TRANSPORTATION: NGS C-22, ELEVATION 102.40

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ADDENDUMS / REVISIONS	



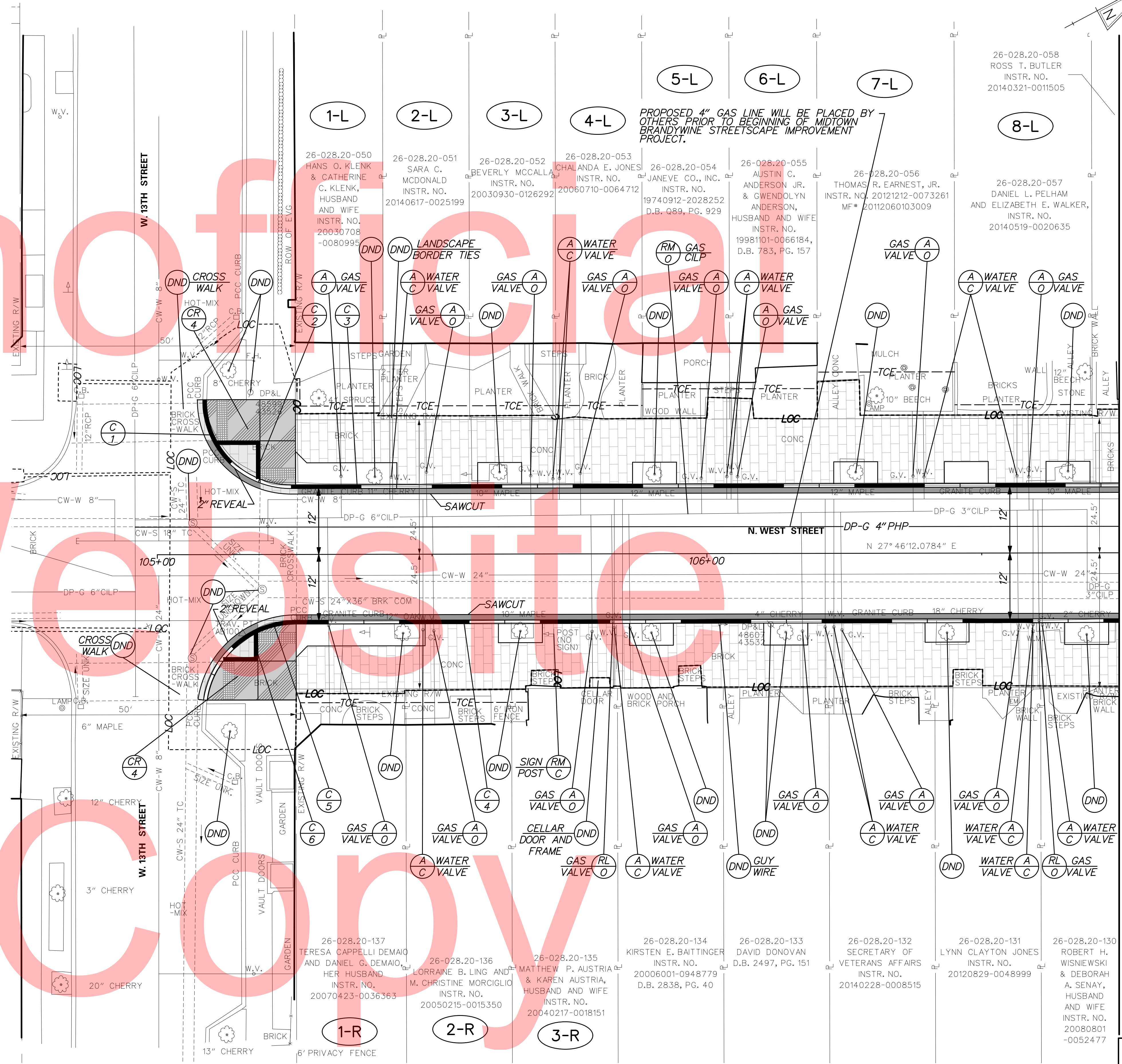
**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	NA
T201220005	DESIGNED BY: SSMG	
COUNTY	CHECKED BY: MAA	
NEW CASTLE		

**HORIZONTAL AND
VERTICAL CONTROL**

HVC-01
SHEET NO.
6
TOTAL SHTS.
33

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	P. C. C. CURB TYPE 1-2	27'
2	P. C. C. CURB TYPE 1-2	15'
3	STONE CURB - 6" REVEAL	150'
4	STONE CURB - 6" REVEAL	150'
5	P. C. C. CURB TYPE 1-2	25'
6	P. C. C. CURB TYPE 1-2	13'



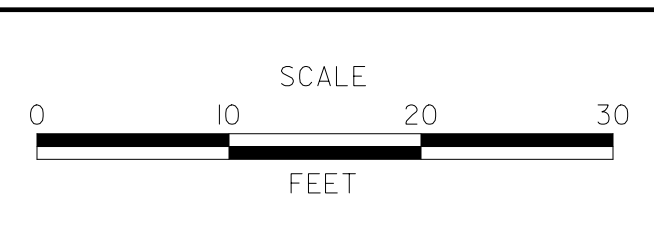
PROPOSED 4" GAS LINE WILL BE PLACED BY OTHERS PRIOR TO BEGINNING OF MIDTOWN BRANDYWINE STREETScape IMPROVEMENT PROJECT.

MATCH LINE STA. 106 + 75.00

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ADDENDUMS / REVISIONS	



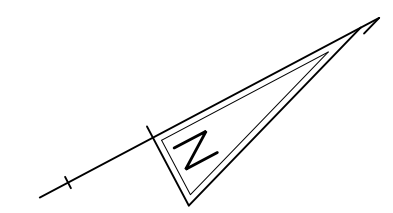
MIDTOWN BRANDYWINE STREETScape IMPROVEMENTS

CONTRACT	BRIDGE NO.	NA
T201220005	DESIGNED BY:	SSMG
COUNTY	CHECKED BY:	MAA
NEW CASTLE		

CONSTRUCTION PLAN

SHEET NO.	7
TOTAL SHTS.	33

CP-01



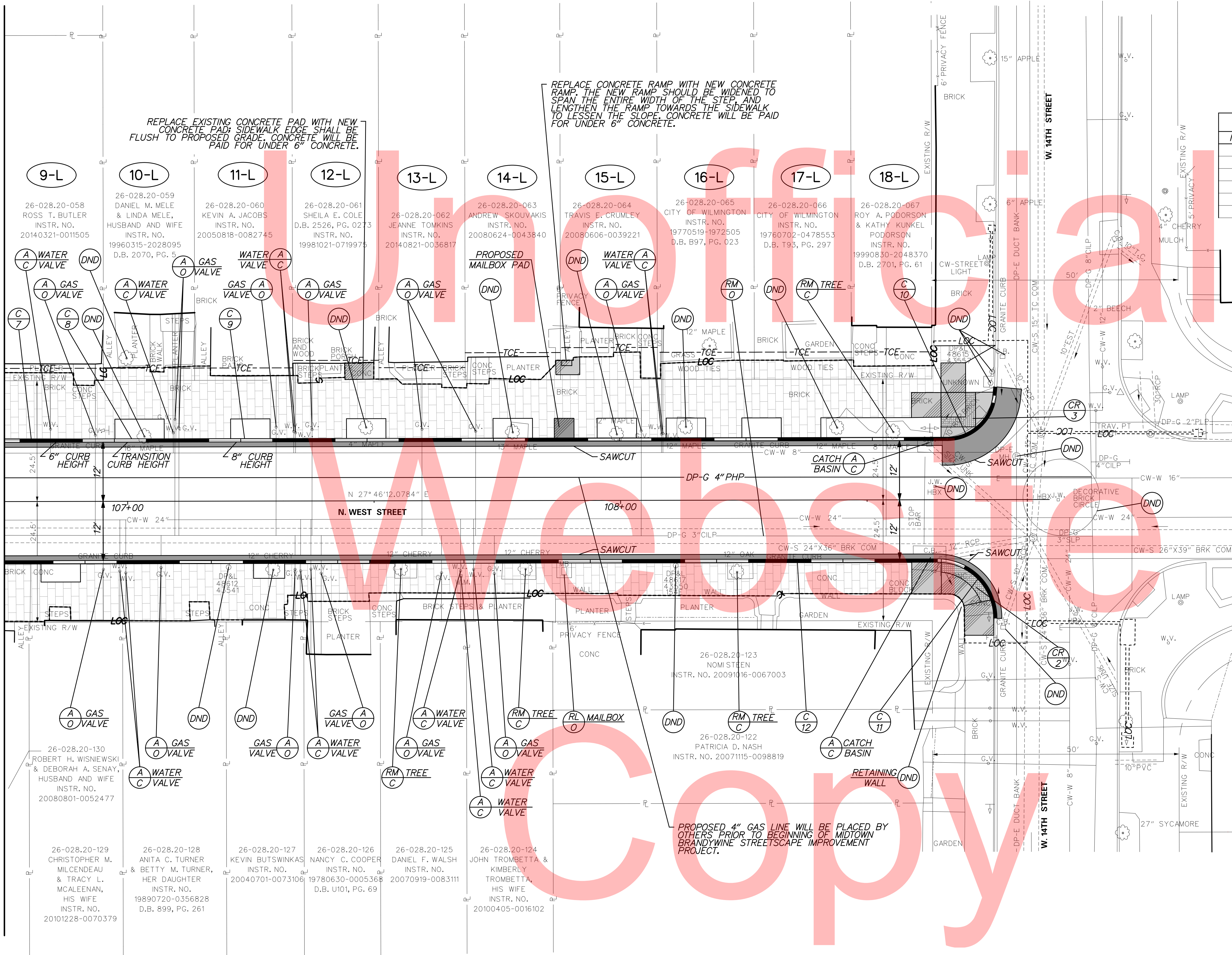
CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
7	STONE CURB - 6" REVEAL	20'
8	STONE CURB - TRANSITION 6"-8" REVEAL	10'
9	STONE CURB - 8" REVEAL	160'
10	P. C. C. CURB TYPE 1-2	19'
11	P. C. C. CURB TYPE 1-2	19'
12	STONE CURB - 6" REVEAL	190'

REPLACE CONCRETE RAMP WITH NEW CONCRETE RAMP. THE NEW RAMP SHOULD BE WIDENED TO SPAN THE ENTIRE WIDTH OF THE STEP, AND LENGTHEN THE RAMP TOWARDS THE SIDEWALK TO LESSEN THE SLOPE. CONCRETE WILL BE PAID FOR UNDER 6" CONCRETE.

REPLACE EXISTING CONCRETE PAD WITH NEW CONCRETE PAD; SIDEWALK EDGE SHALL BE FLUSH TO PROPOSED GRADE. CONCRETE WILL BE PAID FOR UNDER 6" CONCRETE.

PROPOSED 4" GAS LINE WILL BE PLACED BY OTHERS PRIOR TO BEGINNING OF MIDTOWN BRANDYWINE STREETSCAPE IMPROVEMENT PROJECT.

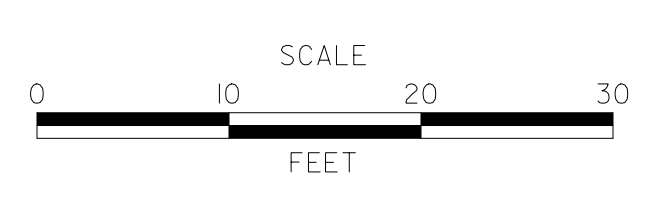
MATCH LINE STA. 106 + 75.00



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ADDENDUMS / REVISIONS	



**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT T201220005	BRIDGE NO. 	NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG	CHECKED BY: MAA

CONSTRUCTION PLAN

CP-02
SHEET NO. 8
TOTAL SHTS. 33

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**N. WEST STREET
(LEFT OF BASELINE)**



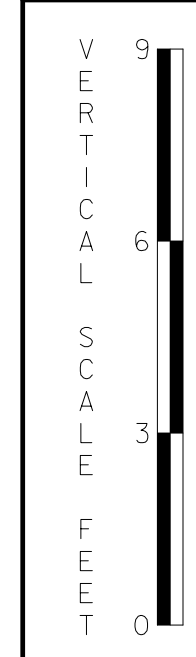
ADDENDUMS / REVISIONS	



**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

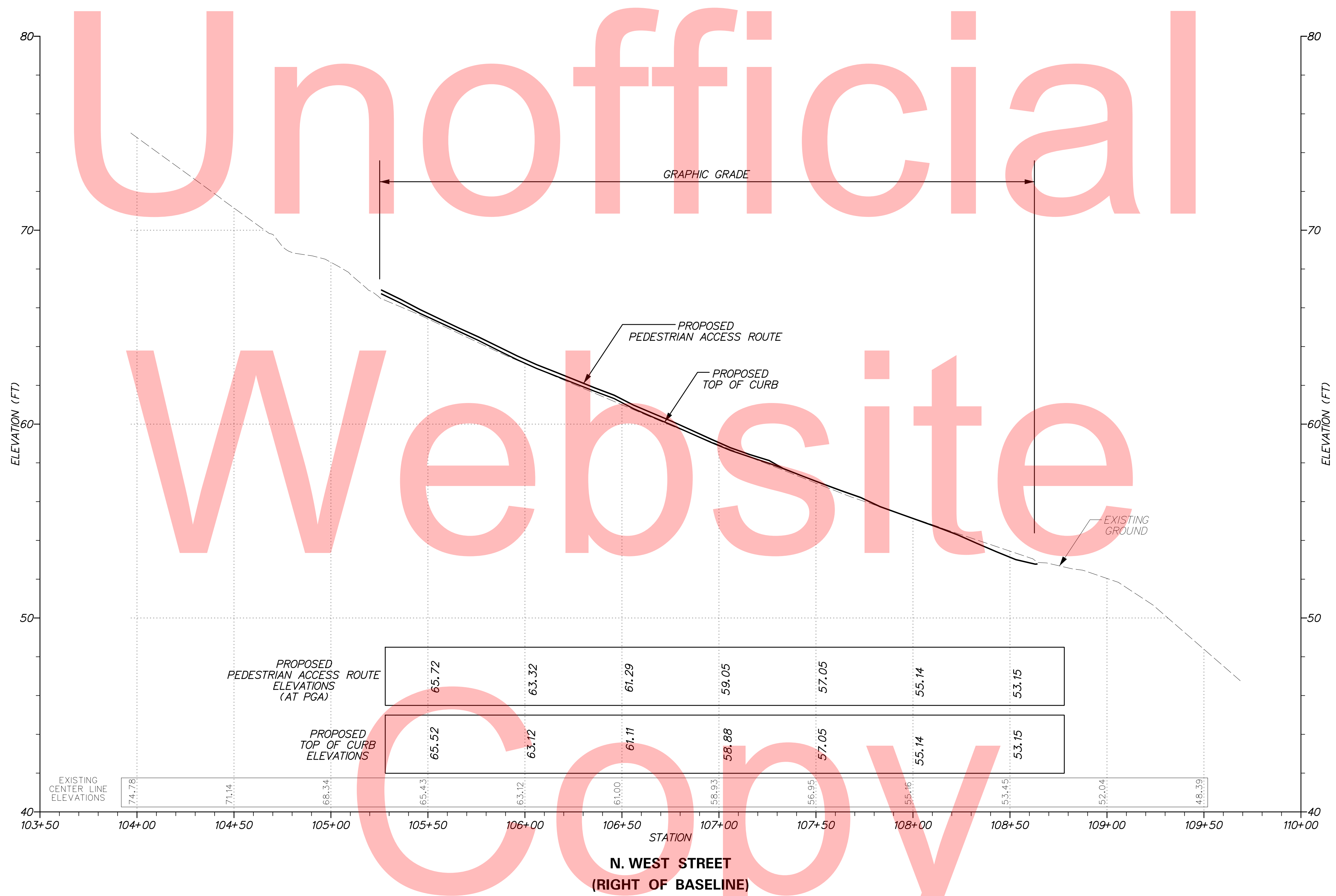
CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

PROFILES



PR-01
SHEET NO. 9
TOTAL SHTS. 33

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ADDENDUMS / REVISIONS	



**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

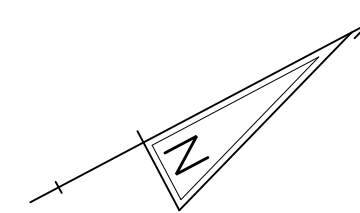
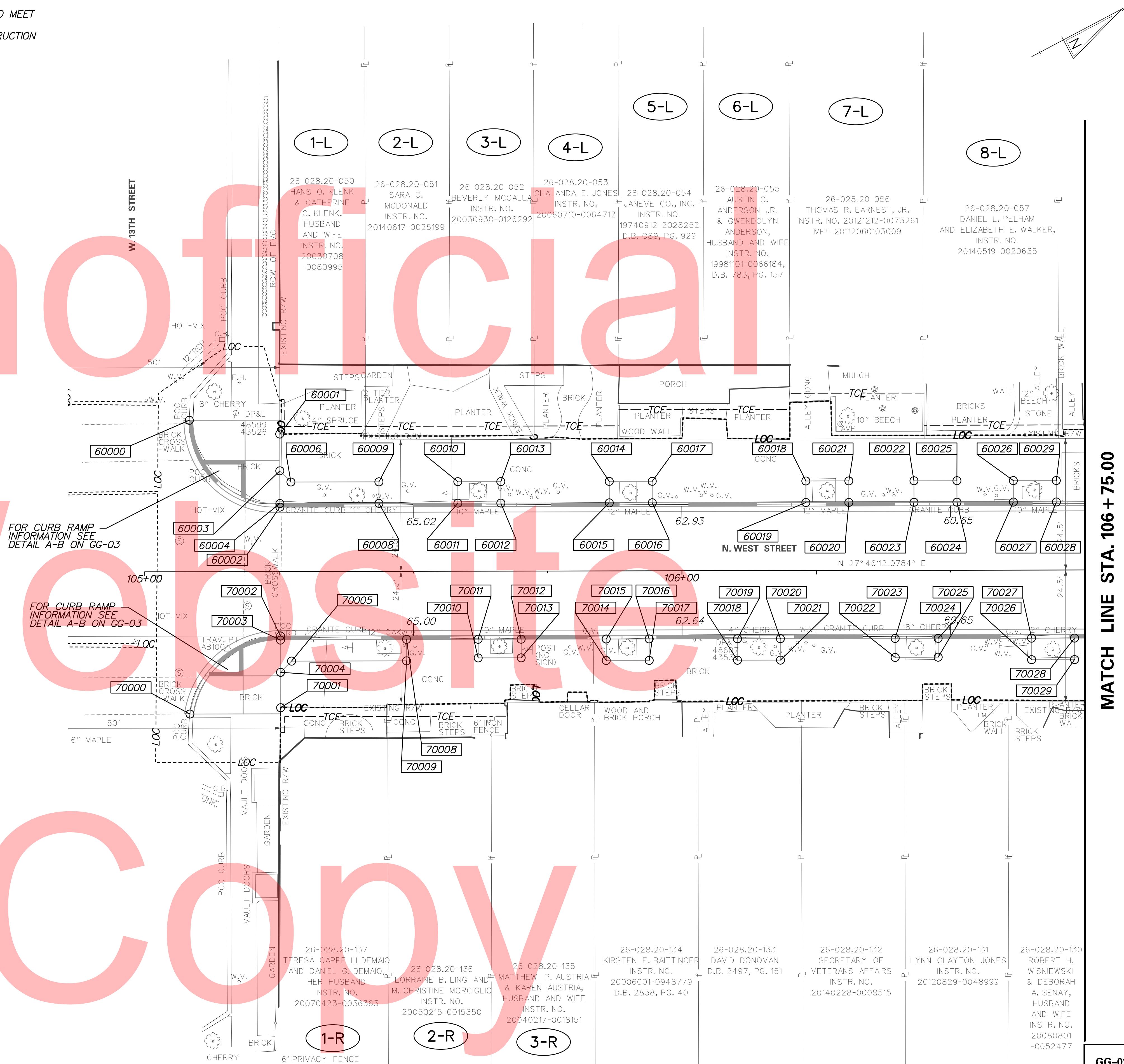
PROFILES

PR-02
SHEET NO. 10
TOTAL SHTS. 33

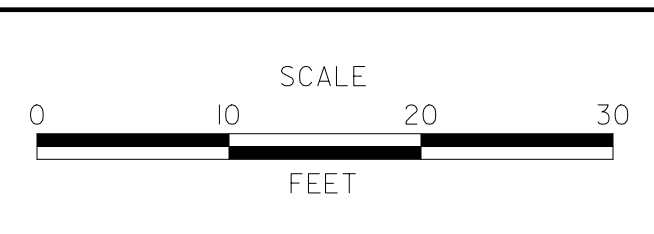
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60000	105+08.35	-28.19	637202.0366	618925.2382
60001	105+25.18	-25.60	637215.7151	618935.3774
60002	105+25.18	-12.00	637209.3801	618947.4080
60003	105+25.18	-18.75	637212.5251	618941.4355
60004	105+25.18	-12.67	637209.6907	618946.8181
60006	105+27.24	-16.67	637213.3725	618944.2362
60008	105+43.62	-12.67	637226.0094	618955.4111
60009	105+43.62	-16.67	637227.8731	618951.8718
60010	105+58.31	-16.67	637240.8708	618958.7160
60011	105+58.31	-12.67	637239.0071	618962.2553
60012	105+66.31	-12.67	637246.0857	618965.9827
60013	105+66.31	-16.67	637247.9494	618962.4434
60014	105+86.50	-16.67	637265.8107	618971.8487
60015	105+86.50	-12.67	637263.9470	618975.3880
60016	105+94.50	-12.67	637271.0256	618979.1154
60017	105+94.50	-16.67	637272.8893	618975.5761
60018	106+23.10	-16.67	637298.1925	618988.9000
60019	106+23.10	-12.67	637296.3288	618992.4393
60020	106+31.10	-12.67	637303.4074	618996.1667
60021	106+31.10	-16.67	637305.2711	618992.6274
60022	106+43.22	-16.67	637315.9981	618998.2759
60023	106+43.22	-12.67	637314.1344	619001.8152
60024	106+51.22	-12.67	637321.2130	619005.5426
60025	106+51.22	-16.67	637323.0767	619002.0033
60026	106+61.73	-16.67	637332.3736	619006.8988
60027	106+61.73	-12.67	637330.5100	619010.4381
60028	106+69.73	-12.67	637337.5886	619014.1655
60029	106+69.73	-16.67	637339.4522	619010.6262
70000	105+08.36	26.48	637176.5674	618973.6185
70001	105+25.24	25.34	637192.0382	618980.4757
70002	105+25.24	12.00	637198.2532	618968.6729
70003	105+25.24	12.67	637197.9426	618969.2628
70004	105+25.24	18.75	637195.1082	618974.6455
70005	105+27.30	16.67	637197.8970	618973.7595
70008	105+48.70	12.67	637218.7000	618980.1931
70009	105+48.70	16.67	637216.8363	618983.7324
70010	105+62.04	16.14	637228.8786	618989.4836
70011	105+62.04	12.67	637230.4990	618986.4061
70012	105+70.04	12.67	637237.5776	618990.1335
70013	105+70.04	16.14	637235.9572	618993.2110
70014	105+85.87	16.67	637249.7263	619001.0513
70015	105+85.87	12.67	637251.5900	618997.5120
70016	105+93.87	12.67	637258.6686	619001.2394
70017	105+93.87	16.67	637256.8049	619004.7787
70018	106+10.31	16.67	637271.3433	619012.4342
70019	106+10.31	12.67	637273.2070	619008.8949
70020	106+18.31	12.67	637280.2856	619012.6223
70021	106+18.31	16.67	637278.4219	619016.1616
70022	106+39.66	16.21	637297.5351	619025.7054
70023	106+39.66	12.67	637299.1841	619022.5738
70024	106+47.66	12.67	637306.2627	619026.3012
70025	106+47.66	16.17	637304.6296	619029.4027
70026	106+65.06	16.67	637319.7887	619037.9442
70027	106+65.06	12.67	637321.6524	619034.4049
70028	106+73.06	12.67	637328.7310	619038.1323
70029	106+73.06	16.67	637326.8673	619041.6716

NOTE: CONSTRUCT BRICK SIDEWALK TO MEET FACE OF BUILDINGS, PLANTERS, AND STEPS WITHIN THE LIMITS OF CONSTRUCTION OR AS DIRECTED BY ENGINEER.

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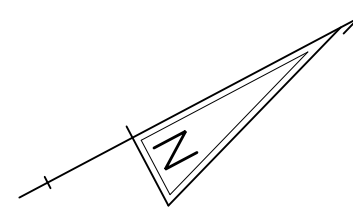


ADDENDUMS / REVISIONS



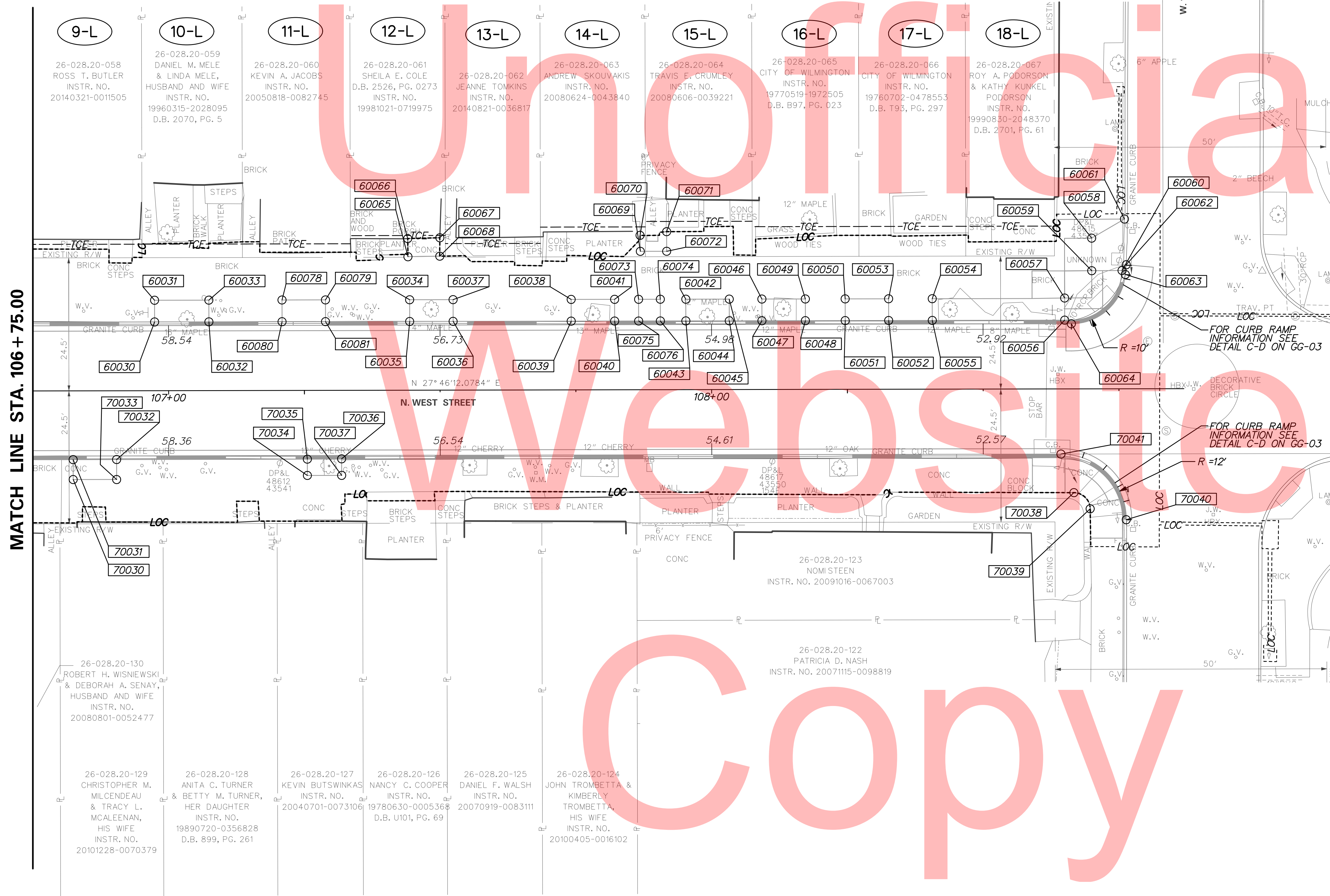
CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

MATCH LINE STA. 106 + 75.00



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60030	106+97.44	-12.67	637362.1127	619027.0793
60031	106+97.44	-16.67	637363.9764	619023.5400
60032	107+07.44	-12.67	637370.9609	619031.7385
60033	107+07.44	-16.67	637372.8246	619028.1992
60034	107+44.42	-16.67	637405.5394	619045.4259
60035	107+44.42	-12.67	637403.6757	619048.9652
60036	107+52.42	-12.67	637410.7543	619052.6925
60037	107+52.42	-16.67	637412.6180	619049.1532
60038	107+74.16	-16.67	637431.8586	619059.2848
60039	107+74.16	-12.67	637429.9949	619062.8241
60040	107+82.16	-12.67	637437.0735	619066.5515
60041	107+82.16	-16.67	637438.9372	619063.0122
60042	107+95.27	-16.67	637450.5393	619069.1215
60043	107+95.27	-12.67	637448.6756	619072.6608
60044	108+03.27	-12.67	637455.7542	619076.3882
60045	108+03.27	-16.67	637457.6179	619072.8489
60046	108+09.28	-16.67	637462.9356	619075.6491
60047	108+09.28	-12.67	637461.0719	619079.1884
60048	108+17.28	-12.67	637468.1505	619082.9158
60049	108+17.28	-16.67	637470.0142	619079.3765
60050	108+24.62	-16.67	637476.5046	619082.7941
60051	108+24.62	-12.67	637474.6409	619086.3334
60052	108+32.62	-12.67	637481.7195	619090.0608
60053	108+32.62	-16.67	637483.5832	619086.5215
60054	108+40.65	-16.67	637490.6922	619090.2649
60055	108+40.66	-12.67	637488.8301	619093.8050
60056	108+65.03	-12.67	637510.4012	619105.1638
60057	108+65.03	-16.74	637512.3013	619101.5553
60058	108+70.03	-27.77	637521.8610	619094.1321
60059	108+70.03	-21.77	637519.0652	619099.4415
60060	108+75.62	-21.79	637524.0182	619102.0210
60061	108+76.07	-31.27	637528.8398	619093.8431
60062	108+76.39	-22.86	637525.1961	619101.4379
60063	108+76.22	-21.06	637524.2065	619102.9511
60064	108+66.26	-12.00	637511.1780	619106.3263
60065	107+44.12	-24.60	637408.9715	619038.2722
60066	107+44.08	-27.94	637410.4963	619035.2926
60067	107+50.00	-28.08	637415.7959	619037.9319
60068	107+49.99	-24.69	637414.2025	619040.9251
60069	107+86.93	-25.50	637447.2615	619057.4124
60070	107+86.87	-28.45	637448.5919	619054.7782
60071	107+91.77	-29.11	637453.2352	619056.4741
60072	107+91.77	-25.50	637451.5516	619059.6714
60073	107+86.58	-16.67	637442.8450	619065.0700
60074	107+90.58	-16.67	637446.3843	619066.9337
60075	107+86.58	-12.67	637440.9814	619068.6093
60076	107+90.58	-12.67	637444.5207	619070.4730
60078	107+20.92	-16.67	637384.7510	619034.4793
60079	107+28.91	-16.67	637391.8227	619038.2031
60080	107+20.91	-12.67	637382.8805	619038.0150
60081	107+28.91	-12.67	637389.9591	619041.7424
70030	106+82.40	16.34	637335.2845	619045.7309
70031	106+82.40	12.67	637336.9944	619042.4836
70032	106+90.40	12.67	637344.0730	619046.2110
70033	106+90.40	16.35	637342.3557	619049.4723
70034	107+25.52	15.67	637373.7562	619065.2318
70035	107+25.52	12.67	637375.1540	619062.5773
70036	107+31.84	12.67	637380.7400	619065.5187
70037	107+31.84	15.67	637379.3422	619068.1732
70038	108+66.67	19.11	637497.0404	619134.0453
70039	108+69.66	22.09	637498.2951	619138.0727
70040	108+76.30	24.10	637503.2391	619142.9424
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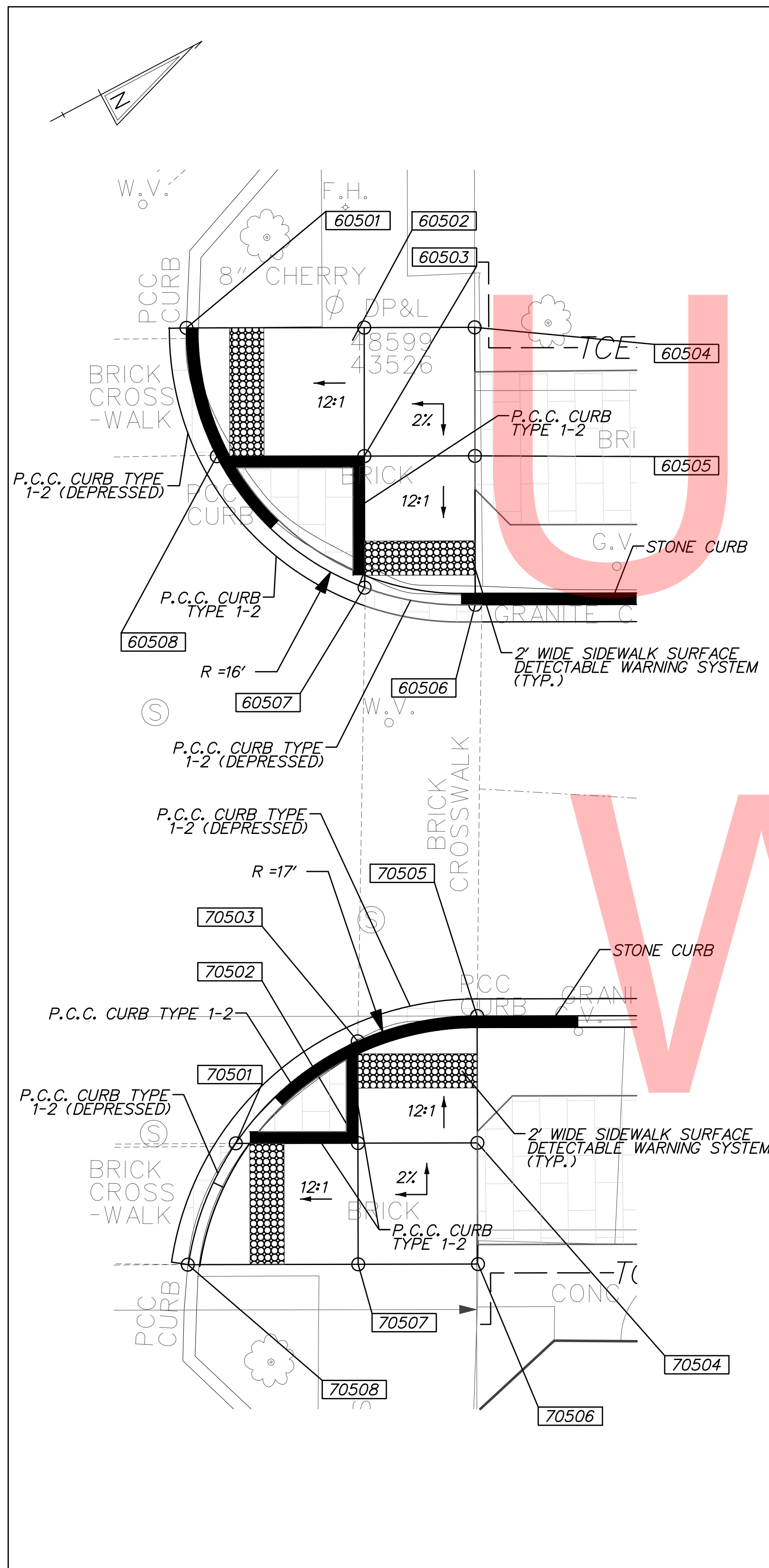
NOTE: CONSTRUCT BRICK SIDEWALK TO MEET FACE OF BUILDINGS, PLANTERS, AND STEPS WITHIN THE LIMITS OF CONSTRUCTION OR AS DIRECTED BY ENGINEER.



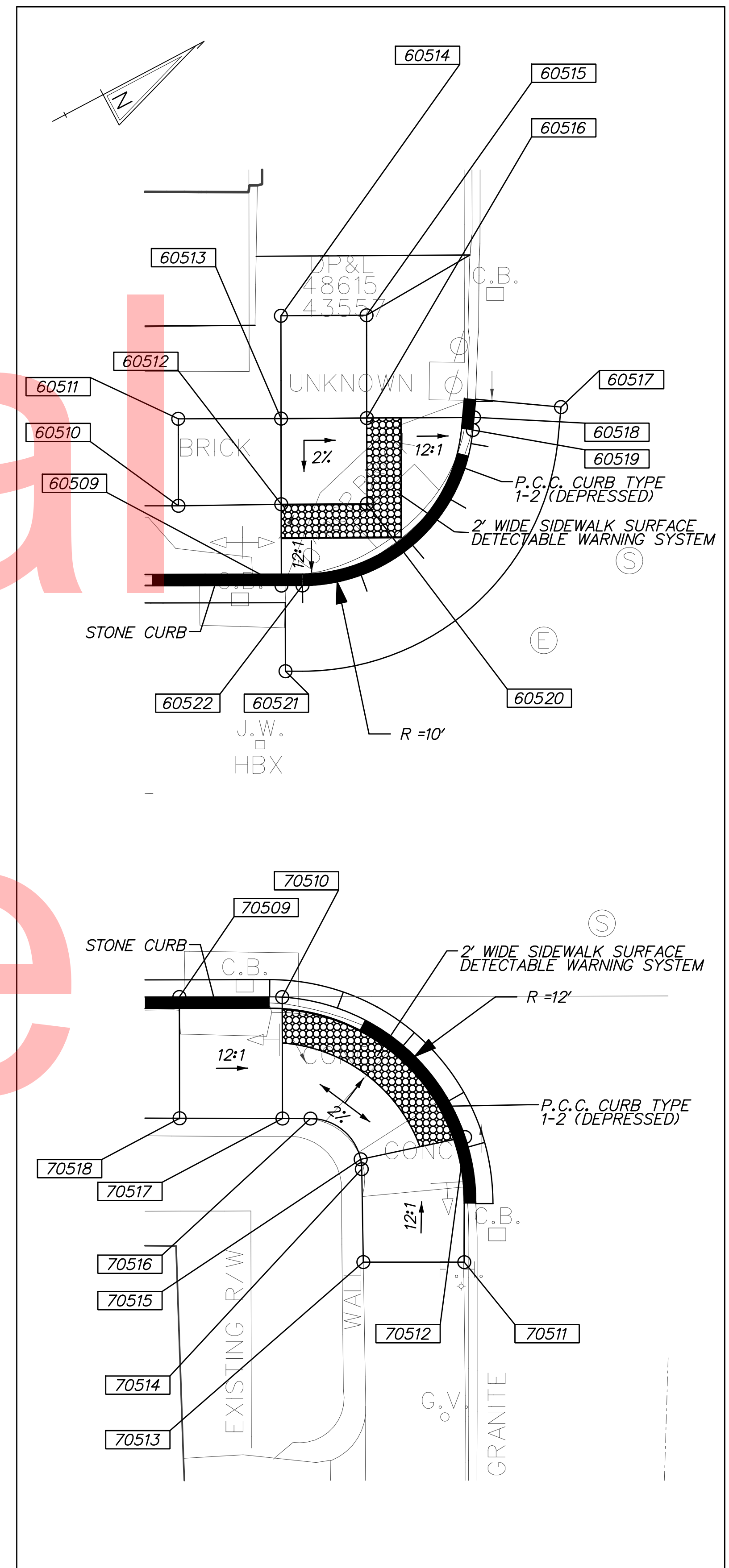
MATCH LINE STA. 106 + 75.00

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COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60501	105+08.35	-28.19	637202.0366	618925.2382
60502	105+18.73	-28.19	637211.2198	618930.0738
60503	105+18.72	-20.69	637207.7159	618936.7073
60504	105+25.18	-28.19	637216.9257	618933.0784
60505	105+25.18	-20.69	637213.4303	618939.7163
60506	105+25.18	-12.00	637209.3801	618947.4080
60507	105+18.72	-13.02	637204.1425	618943.4936
60508	105+10.11	-20.70	637200.1030	618932.6860
60509	108+65.03	-12.00	637510.0906	619105.7537
60510	108+59.03	-16.67	637506.9559	619098.8289
60511	108+59.03	-21.74	637509.3220	619094.3356
60512	108+65.03	-16.74	637512.3013	619101.5553
60513	108+65.03	-21.74	637514.6310	619097.1311
60514	108+65.03	-27.74	637517.4265	619091.8221
60515	108+70.03	-27.77	637521.8610	619094.1321
60516	108+70.03	-21.77	637519.0655	619099.4411
60517	108+81.37	-22.39	637529.3807	619104.1745
60518	108+76.29	-21.79	637524.6124	619102.3305
60519	108+76.22	-21.06	637524.2065	619102.9511
60520	108+70.03	-16.77	637516.7358	619103.8652
60521	108+65.26	-7.00	637507.9613	619110.2833
60522	108+66.26	-12.00	637511.1780	619106.3263
70501	105+11.14	19.40	637182.3238	618968.6524
70502	105+18.27	19.40	637188.6351	618971.9758
70503	105+18.27	13.46	637191.4030	618966.7193
70504	105+25.24	19.40	637194.8036	618975.2240
70505	105+25.24	12.00	637198.2532	618968.6729
70506	105+25.24	26.48	637191.5067	618981.4851
70507	105+18.27	26.48	637185.3381	618978.2369
70508	105+08.36	26.48	637176.5674	618973.6185
70509	108+59.03	12.00	637493.5995	619124.1939
70510	108+65.03	12.02	637498.8979	619127.0095
70511	108+75.62	27.51	637501.0509	619145.6481
70512	108+75.69	20.21	637504.5069	619139.2188
70513	108+69.73	27.50	637495.8471	619142.8903
70514	108+69.66	22.07	637498.3054	619138.0525
70515	108+69.59	21.50	637498.5163	619137.5144
70516	108+66.67	19.11	637497.0404	619134.0453
70517	108+65.03	19.11	637495.5975	619133.2772
70518	108+59.03	19.08	637490.3010	619130.4580



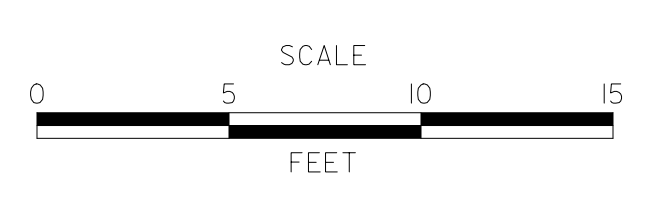
DETAIL A-B



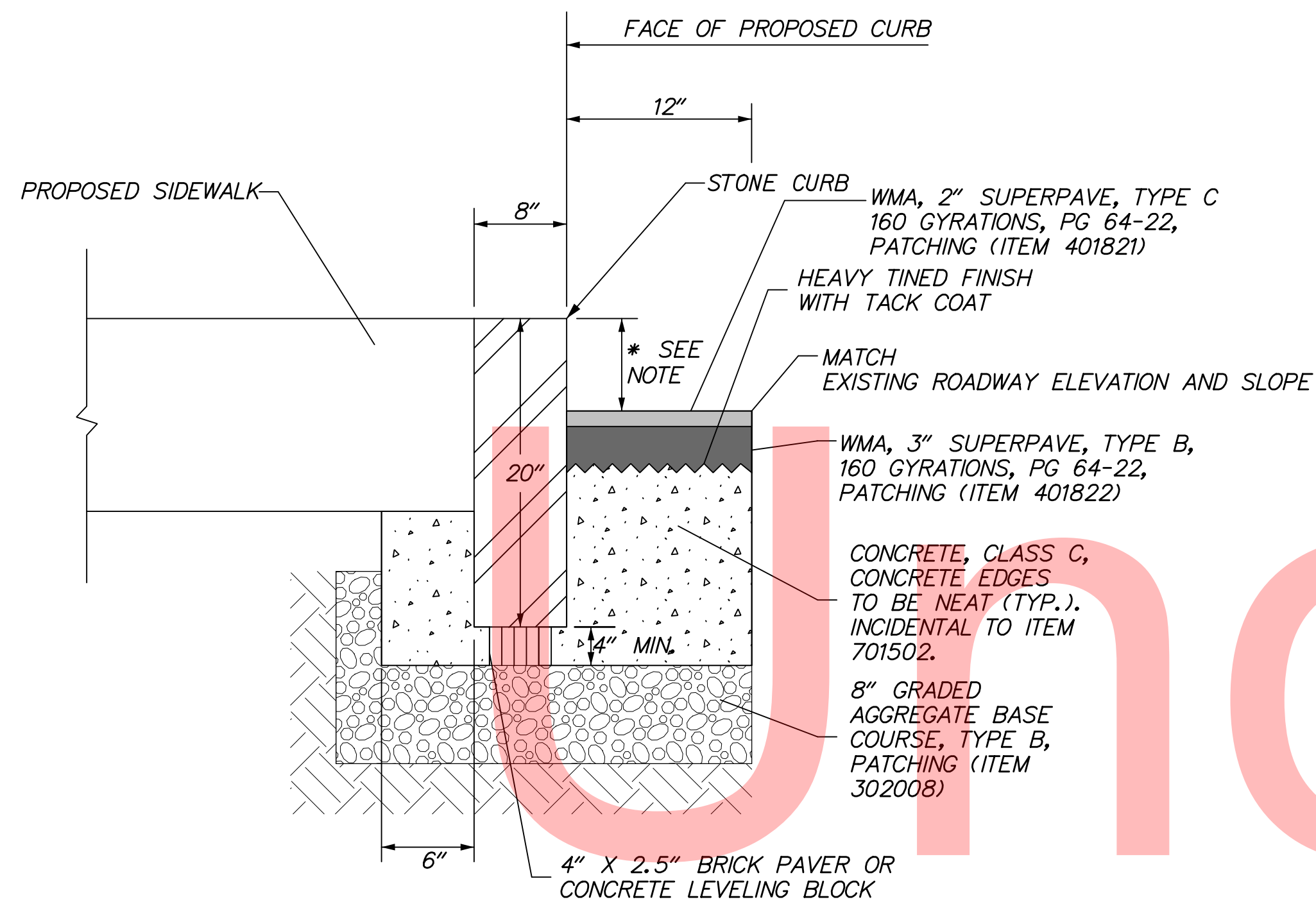
DETAIL C-D

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ADDENDUMS / REVISIONS



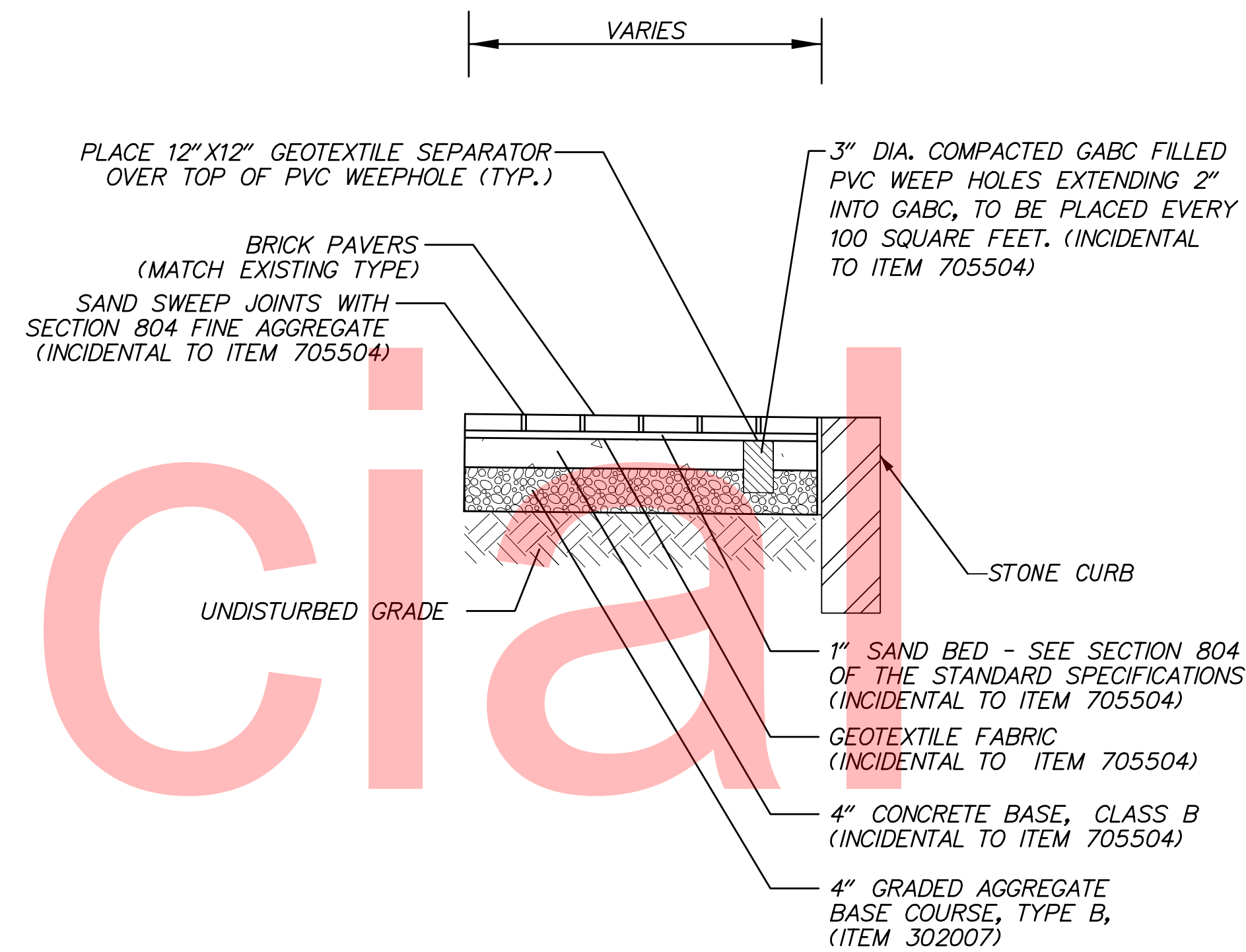
CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA



* NOTE:
 6" REVEAL FOR STONE CURB FROM STA. 105+00 TO APPROX. STA. 106+90;
 8" REVEAL FOR STONE CURB FROM APPROX. STA. 107+00 TO STA. 108+87;
 TRANSITION CURB HEIGHT FROM 6" TO 8" OVER A MINIMUM DISTANCE OF 10 FT.

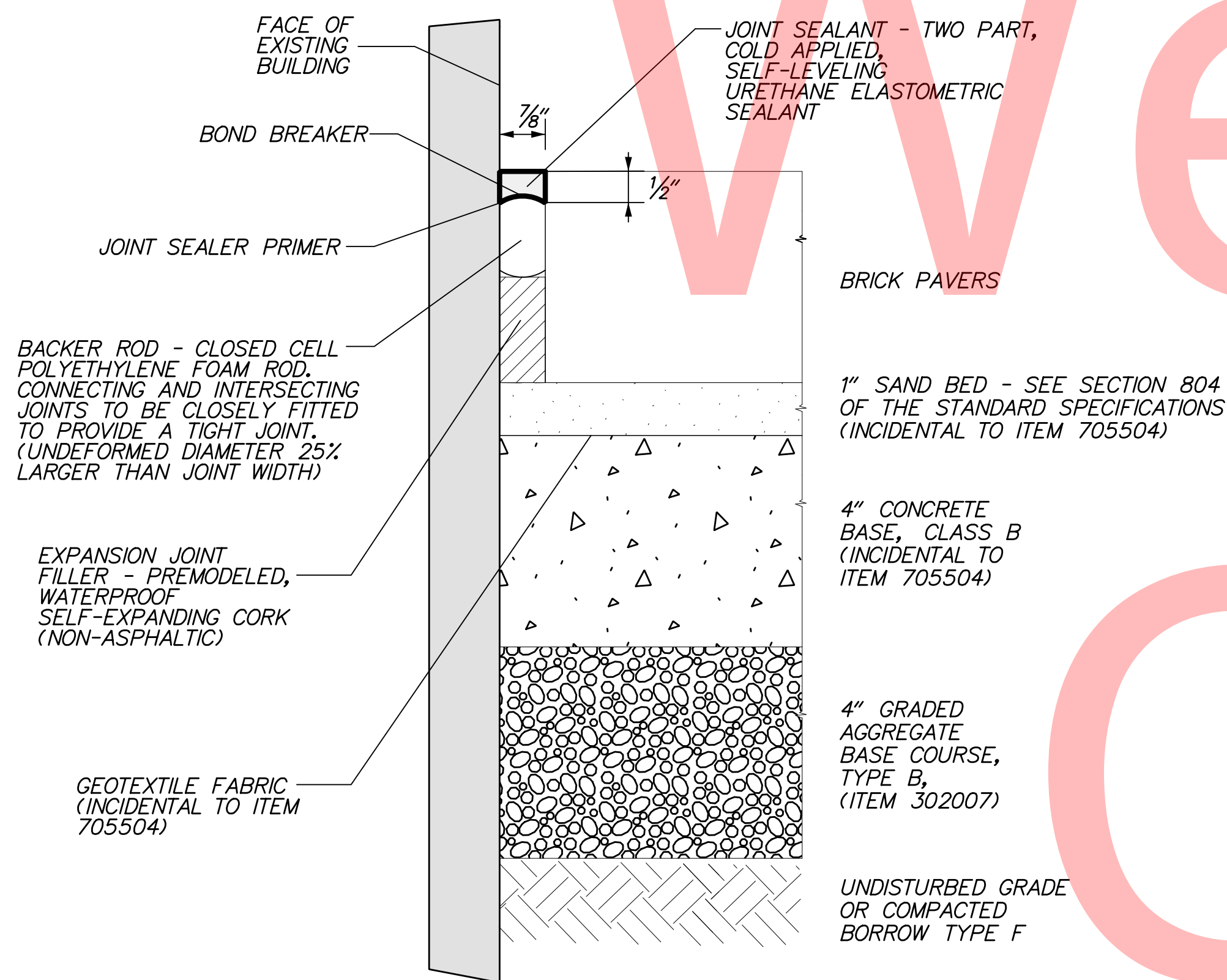
STONE CURB - ITEM 701502

NOT TO SCALE



SIDEWALK DETAIL

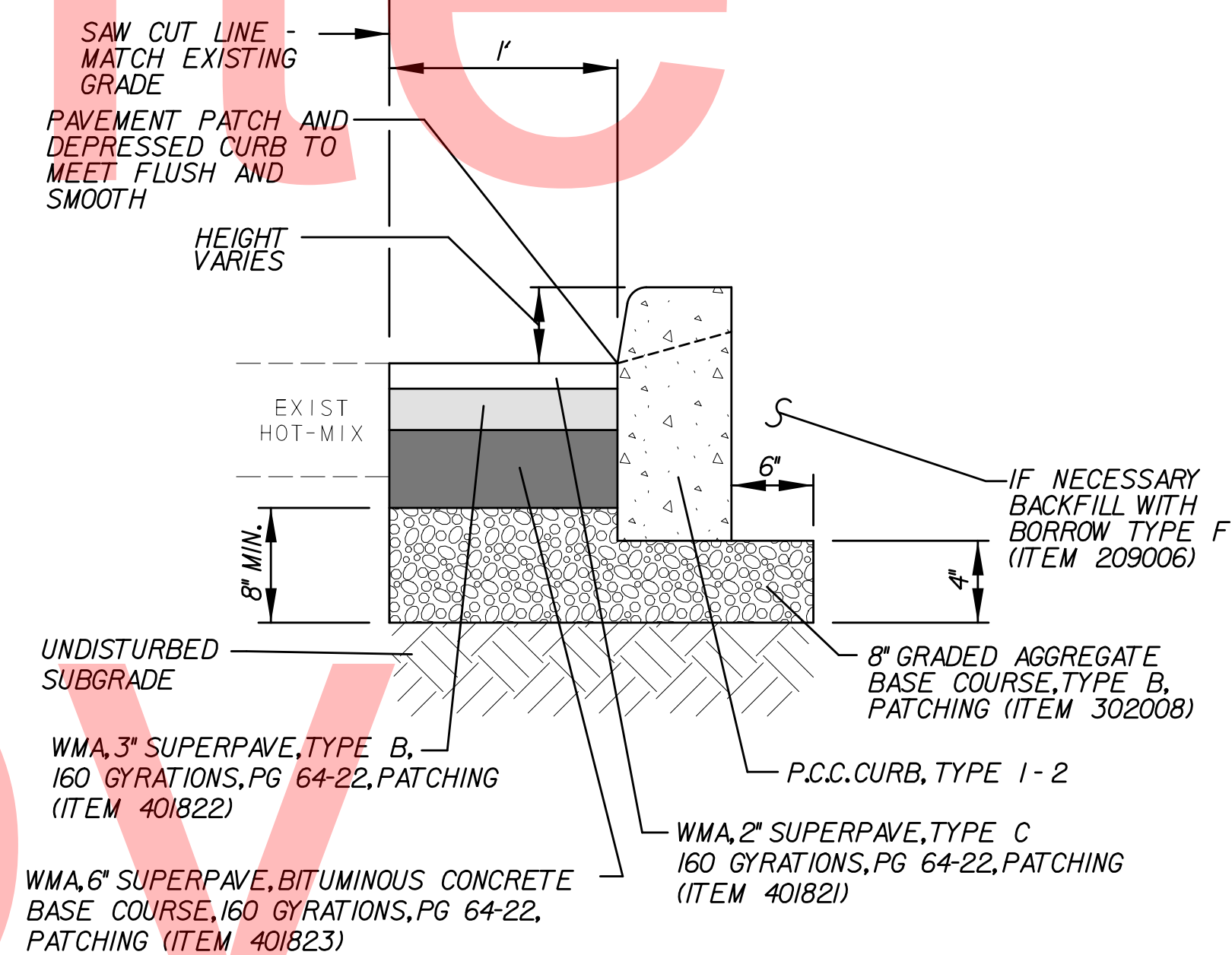
NOT TO SCALE



EXPANSION JOINT DETAIL

INCIDENTAL TO ITEM 705504 - BRICK SIDEWALK

NOT TO SCALE



PAVEMENT PATCH DETAIL

AT CURB RAMPS

NOT TO SCALE

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SET ROOT BALL FLUSH TO GRADE OR 1" (25) TO 2" (50) ABOVE GRADE IF SOILS ARE SLOW TO DRAIN. PLANT TREES SUCH THAT THE TRUNK FLARE IS VISIBLE. ANY TREE WHERE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

4" X 8" BY 4" GREY BELGIAN BLOCK EDGING MORTARED IN PLACE. SET BLOCK VERTICALLY AND KEEP 4" OF BLOCK EXPOSED ABOVE GRADE (INCIDENTAL TO ITEM 737523)

4" X 8" BY 4" GREY BELGIAN BLOCK (INCIDENTAL TO ITEM 737523)

BRICK RUNNING BOND COURSE

BRICK SOLDIER COURSE

INSTALL ROOT BARRIER, 20" DEPTH (TYP.) SEE NOTE 6

BRICK AND/OR BLOCK SIDEWALK (ITEM 705504)

GABC, TYPE B (ITEM 302007)

REMOVE BURLAP AND BASKETS TO 1/2 OF THE ROOT BALL. DO NOT BURY EXCESS BURLAP, ROPE OR REMNANTS OF BASKET IN THE PLANTING PIT.

THE ROOT BALL IS TO BE PLACED ON UNDISTURBED SOIL AND EXCAVATION SHOULD BE EXACTLY THE DEPTH OF THE ROOT BALL (OR 2" SHORTER THAN THE DEPTH OF THE ROOT BALL IF THE SOILS DO NOT INFILTRATE WELL).

DO NOT PRUNE THE DOMINANT LEADER OR TERMINAL BUDS OF THE CROWN

STAKE & GUY TREES, GUY WIRE, STAKES, & RUBBER HOSE SHALL BE AS SPECIFIED IN SECTION 737

3" DEPTH SHREDDED HARDWOOD BARK MULCH (INCIDENTAL TO ITEM 737523)

GABC, TYPE B (ITEM 302007)

STONE CURB & PATCHING SEE DETAILS DT-01

30"

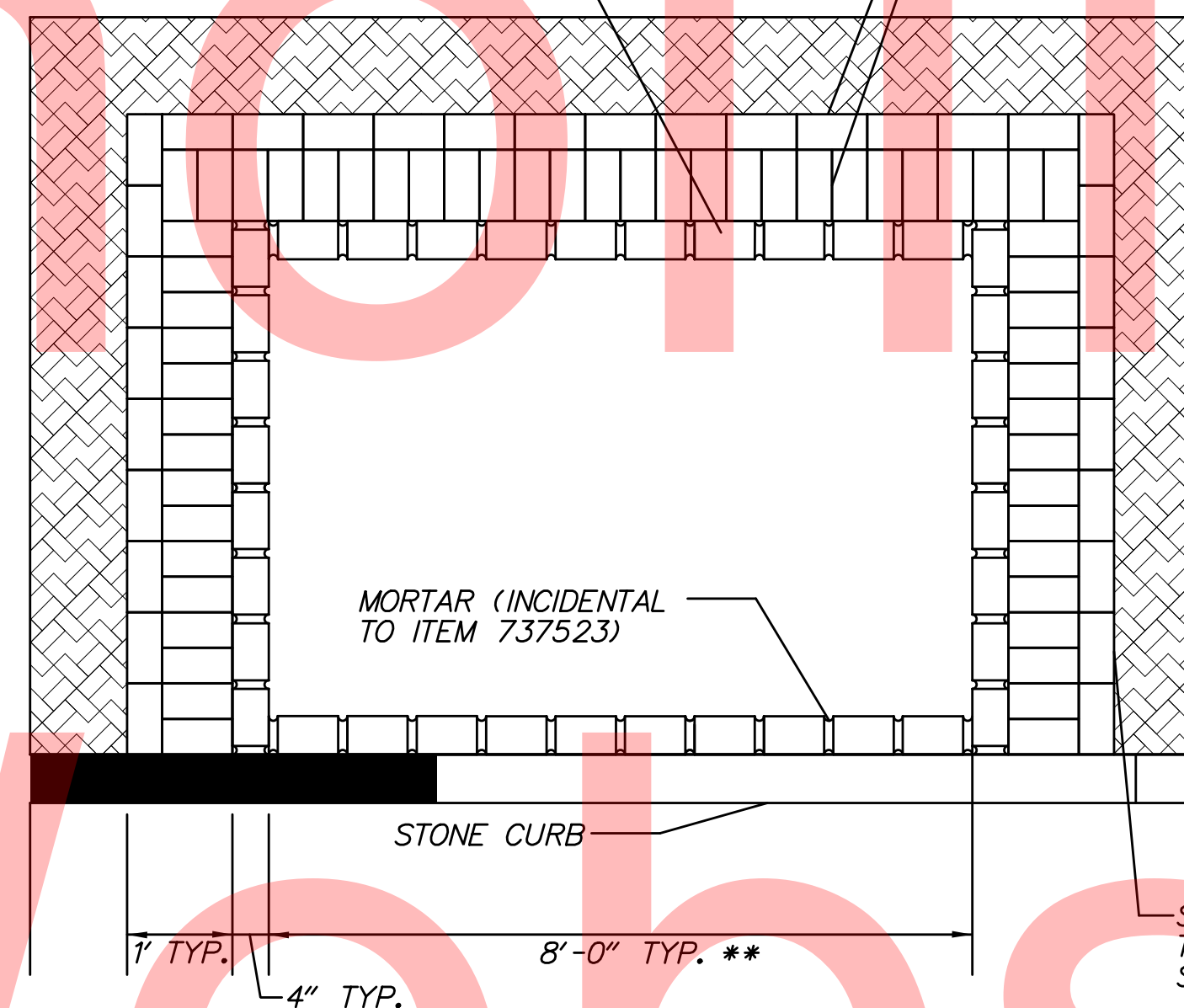
FURNISHED TOPSOIL (INCIDENTAL TO ITEM 737523)

INSTALL ROOT BARRIER, 20" DEPTH (TYP.) SEE NOTE 6

EXISTING SUBGRADE, SCARIFY SURFACE BEFORE BACKFILLING WITH TOPSOIL

TREE PLANTING BED DETAIL

N.T.S.



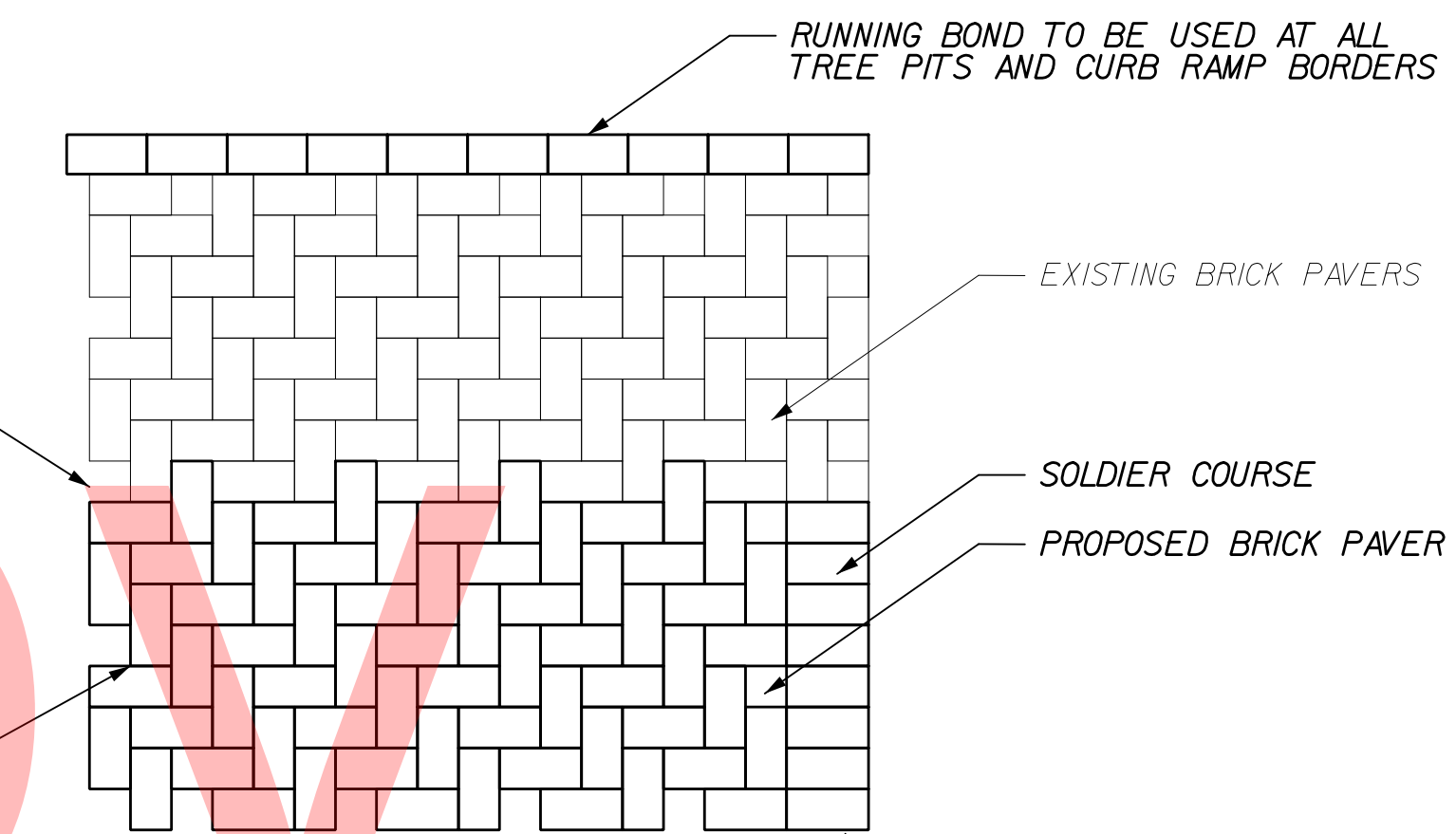
TREE PLANTING IN PIT DETAIL

N.T.S.

** THE ROADSIDE LENGTH OF TREE PLANTING IN PIT MAY VARY, INCLUDING THE FOLLOWING LOCATIONS: STA 105+25 (BOTH SIDES); STA 107+00 (LEFT); STA 107+25 (RIGHT); STA 108+50 (LEFT)

NOTES

1. ALL PRUNING SHALL BE DONE BY OR UNDER THE DIRECTION OF, AN I.S.A. CERTIFIED ARBORIST OR CERTIFIED NURSERY PROFESSIONAL. DO NOT HEAVILY PRUNE TREES AT PLANTING.
2. ALL DEAD, BROKEN, & CROSSING BRANCHES SHALL BE PRUNED OFF FOLLOWING INSTALLATION.
3. BASE OF PLANTING PIT SIZE SHALL BE A MINIMUM WIDTH OF TWICE THE ROOT BALL SIZE AND A MAXIMUM OF THREE TIMES THE ROOT BALL SIZE.
4. WHEN PLANTING TREES ALONG STREETS, THERE MUST BE A MINIMUM OF 4' BETWEEN THE BACK OF CURB AND THE EDGE OF SIDEWALK AND SHALL BE CENTERED BETWEEN THE BACK OF CURB AND THE EDGE OF SIDEWALK.
5. WHEN PLANTING TREES ALONG SIDEWALKS, THE TREE SHALL BE LIMBED TO 10' FOR PEDESTRIAN CLEARANCE.
6. CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO INSTALLATION OF PLANT MATERIAL. THE CONTRACTOR SHALL ALSO BE COGNIZANT OF PROPOSED UTILITY LOCATIONS AS SHOWN ON PLANS.
7. CONTRACTOR IS TO FULLY REMOVE ANY STAKES, GUY WIRES, TUBING, PLANTING ID LABELS, OR OTHER ITEMS TIED TO ANY PART OF THE TREE WITHIN ONE YEAR OF THE PLANT INSTALLATION.



SAMPLE BRICK PATTERN

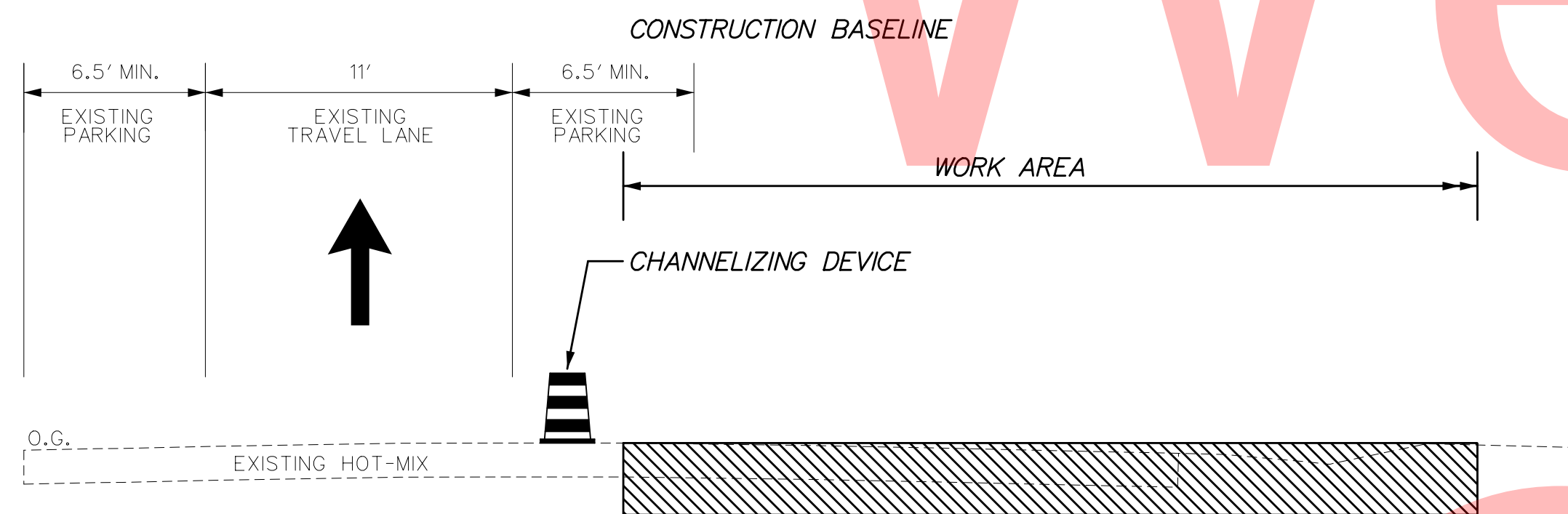
NOT TO SCALE

GENERAL MOT NOTES

1. 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.
2. GRADING AND MAINTAINING TEMPORARY ROADWAY MATERIAL THAT IS BEING USED AS A TRAVELWAY, DRIVEWAY ACCESS, RAMP, ETC. SHALL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC. EXCESS TEMPORARY ROADWAY MATERIAL 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.
3. CONTRACTOR TO MAINTAIN ACCESS TO RESIDENCES AT ALL TIMES AND COORDINATE CONSTRUCTION WITH HOMEOWNERS.
4. WORK HOURS: 9:00AM TO 3:00PM. PARKING RESTRICTED DURING WORK HOURS. PARKING SPACES MAY NOT BE USED FOR STAGING AREA DURING NON-WORK HOURS. CONTRACTOR SHALL WORK ON ONLY ONE SIDE OF STREET AT A TIME. THE CONTRACTOR SHALL NOT START THE 2ND SIDE OF THE STREET UNTIL THE FIRST SIDE IS COMPLETE.
5. ACCEPTABLE MATERIALS FOR TEMPORARY PEDESTRIAN PATHS SHALL INCLUDE CONCRETE, HOT-MIX, COMPACTED MILLINGS OR PLYWOOD WALKWAY STRUCTURE. PLYWOOD WALKWAY STRUCTURES SHALL ALSO INCLUDE DETECTABLE EDGING AND RAILINGS IN ACCORDANCE WITH ADA GUIDELINES AND THE DELAWARE MUTCD. TEMPORARY PEDESTRIAN PATHS SHALL BE INCIDENTAL TO ITEM 743000 UNLESS OTHERWISE SPECIFIED IN THE PLANS. STONE OR GRADED AGGREGATE BASE COURSE SHALL NOT BE USED FOR TEMPORARY PEDESTRIAN PATHS.

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Website
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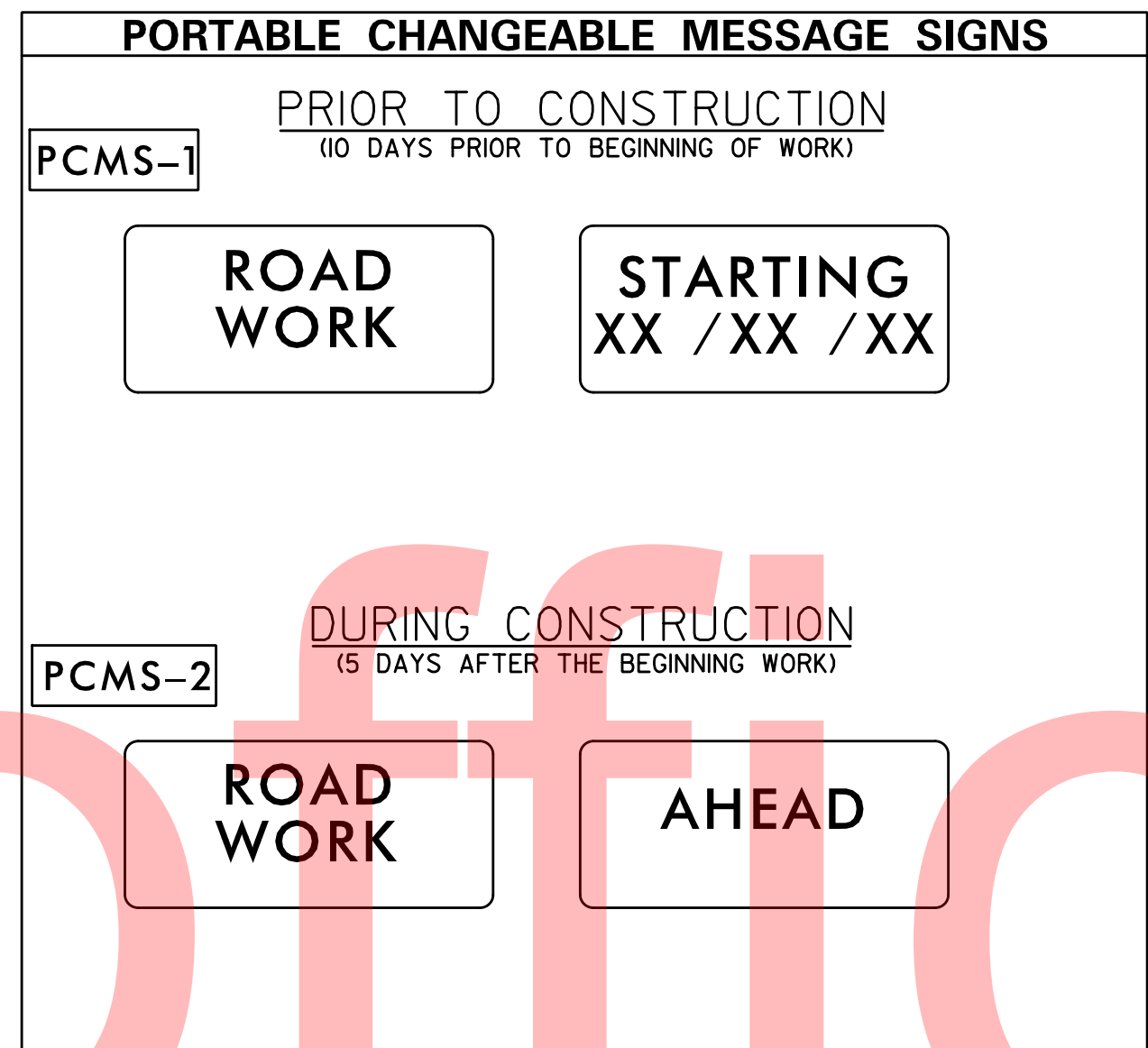
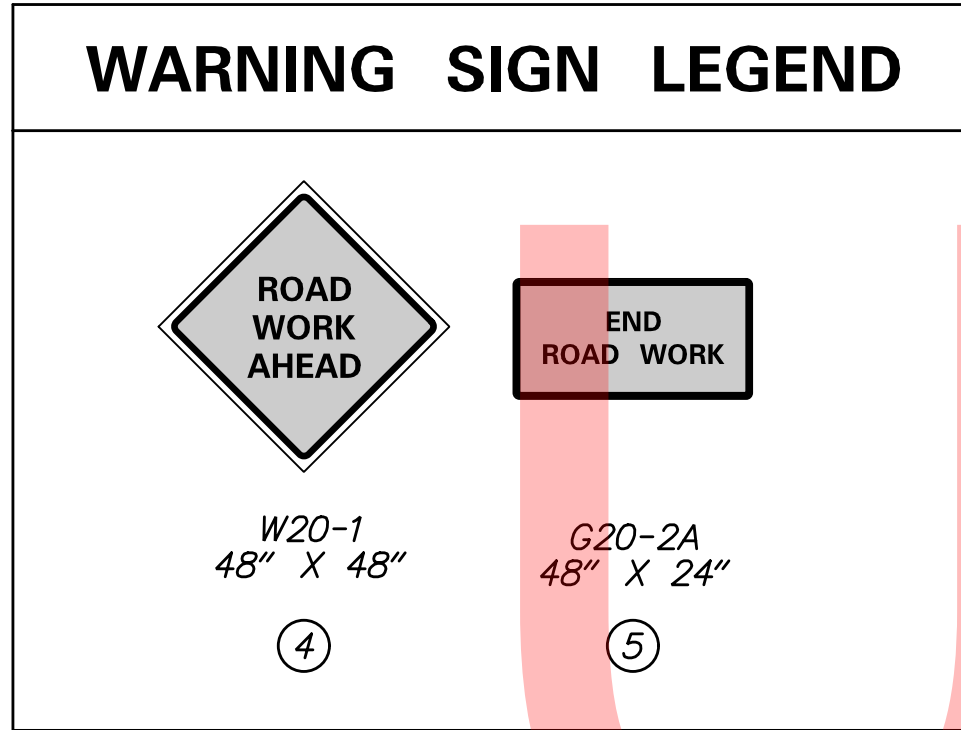
CONSTRUCTION PHASING & M.O.T			
	BARRICADE, TYPE 3		CONSTRUCTION WARNING SIGN
	CONCRETE SAFETY BARRIER - PORTABLE		CRASH CUSHION ARRAY
	CONSTRUCTION SAFETY FENCE / LENGTH		CHANNELIZING DEVICE - TRAFFIC CONTROL
	INLET SEDIMENT CONTROL		FLAGGER LOCATION
	CONSTRUCTION SAFETY FENCE		PHASING TRAFFIC FLOW ARROW
	CONSTRUCTION WARNING SIGN LOCATION		WORK AREA - ACTIVE PHASE
	TEMPORARY PAVEMENT MARKING ARROW		SILT FENCE/SILT FENCE IDENTIFIER
	TRUCK WITH MOUNTED ATTENUATOR		REINFORCED SILT FENCE/ REINFORCED SILT FENCE IDENTIFIER
			CONSTRUCTION WARNING SIGN LOCATION



WORK ZONE TYPICAL SECTION

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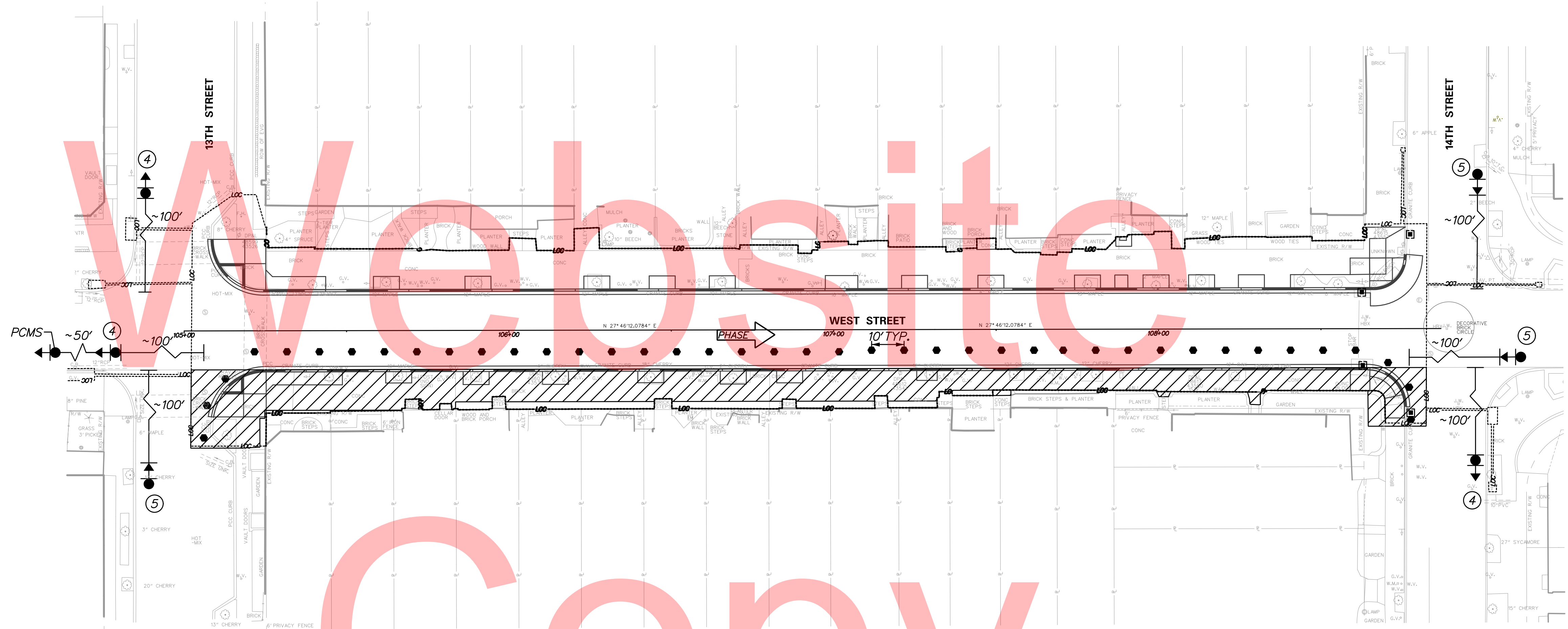
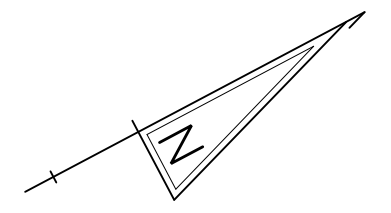
<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS	NOT TO SCALE	MIDTOWN BRANDYWINE STREETScape IMPROVEMENTS	CONTRACT	BRIDGE NO.	NA	MOT NOTES	SHEET NO.
				T201220005	DESIGNED BY: SSMG	16		
				COUNTY	CHECKED BY: MAA	TOTAL SHTS.		
				NEW CASTLE		33		



NOTE: PCMS TO BE PLACED IN PARKING LANE APPROXIMATELY IN FRONT OF 1216 WEST STREET

SEQUENCE OF CONSTRUCTION

1. INSTALL E&S CONTROLS AND PERMANENT WARNING SIGNS.
2. INSTALL PEDESTRIAN DETOUR FOR EAST SIDE CLOSURE OF WEST ST ACCORDING TO PLAN.
3. SAWCUT EXISTING PAVEMENT AND REMOVE CURB AND SIDEWALK. CONTRACTOR SHALL REMOVE ONLY THE AMOUNT OF CURB AND SIDEWALK THAT CAN BE FILLED IN AT THE END OF THE DAY AND COVERED WITH ADA ACCESSIBLE TEMPORARY PATHWAYS. PAYMENT FOR PATHWAYS SHALL BE INCIDENTAL TO MAINTENANCE OF TRAFFIC (ITEM # 743000).
4. INSTALL CURB.
5. INSTALL LIGHTING CONDUIT, POLE BASES, AND WIRES.
6. PATCH PAVEMENT ADJACENT TO CURB UP TO AND INCLUDING TYPE B.
7. PREPARE SIDEWALK BASE AND PLACE GABC.
8. FORM AND POUR CONCRETE UNDER BRICK SIDEWALK. CONSTRUCT CURB RAMPS.
9. CONSTRUCT PLANTER BOX BLOCK EDGING AND PLACE BRICK SIDEWALK.
10. INSTALL LUMINARIES, ENERGIZE SYSTEMS, AND TEST.
11. REMOVE E&S CONTROLS AND PEDESTRIAN DETOUR; OPEN SIDEWALK FOR USE.
12. INSTALL PEDESTRIAN DETOUR FOR OTHER SIDE OF WORK AREA AND BEGIN CONSTRUCTION OF SECOND SIDE. REPEAT SEQUENCE OF CONSTRUCTION NOTES 1 THROUGH 11.
13. REMOVE PERMANENT WARNING SIGNS AND DEVICES.

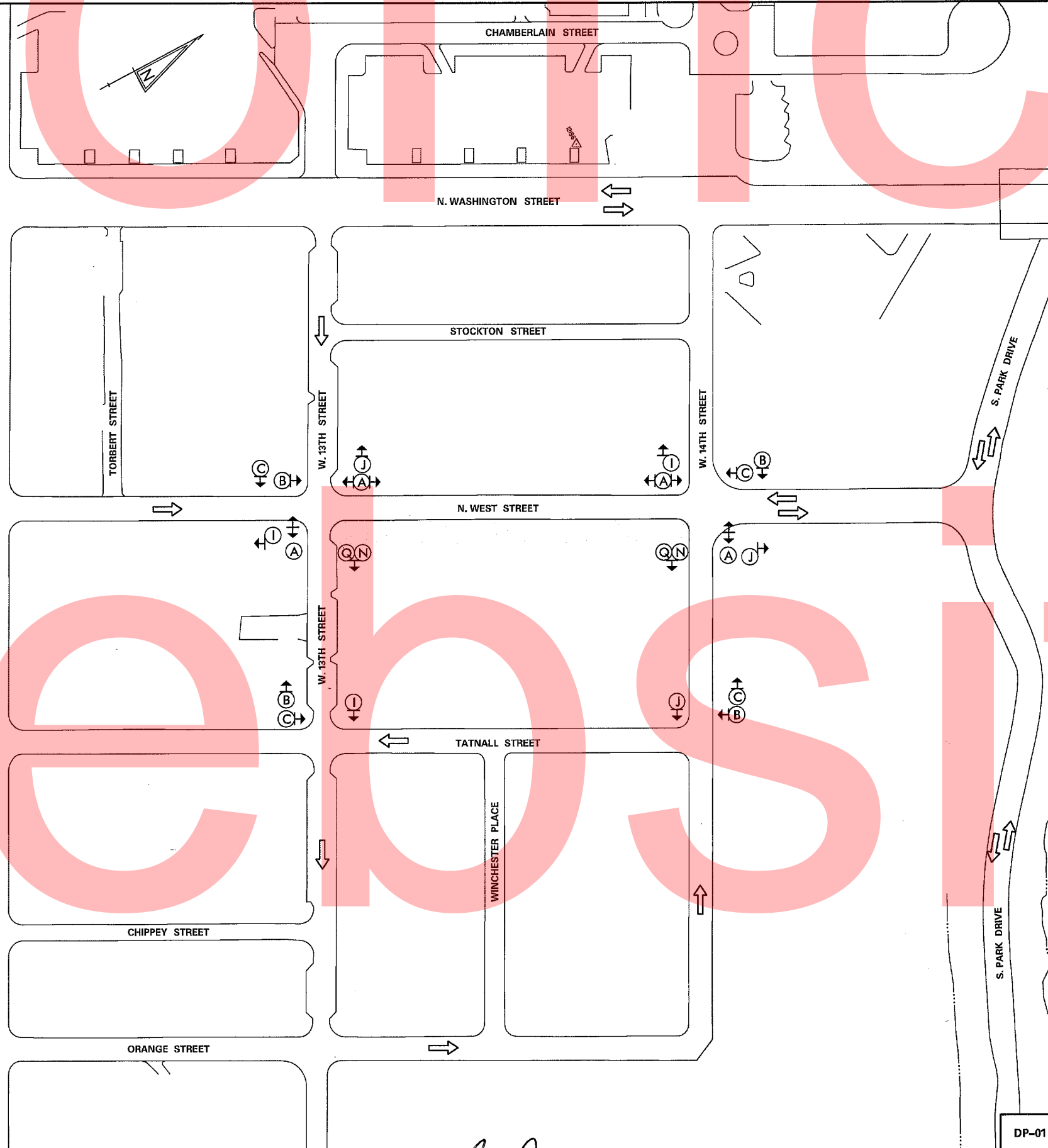


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Watermark: Warning Site Copy

SPECIAL SIGNS

LEGEND



LEGEND

(A) 9" x 12" M4-9b
 (B) 9" x 12" M4-9b
 (C) 9" x 12" M4-9b
 (D) 9" x 12" M4-9b
 (E) 9" x 12" M4-9b
 (F) 9" x 12" M4-8a
 (G) 9" x 12" R9-8
 (H) 9" x 12" R9-10
 (I) 9" x 12" R9-11(L)
 (J) 9" x 12" R9-11(R)
 (K) 9" x 12" R9-11a(L)
 (L) 9" x 12" R9-11a(R)
 (M) 9" x 12" R9-9(MOD)
 (N) 9" x 12" R9-9
 (O) 9" x 12" R9-9(MOD)
 (P) 9" x 12" R9-9(MOD)
 (Q) 9" x 12" R9-9(MOD)

GENERAL NOTES

- ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD).
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) FOR BARRICADES AND SIGNS (AS PER LATEST REVISION.)
- DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
- SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.) SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
- SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
- 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" (DE MUTCD) WILL PREVAIL.
- WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
- "Q" BARRICADE SHALL COMPLETELY RUN THE FULL WIDTH OF SIDEWALK OR PEDESTRIAN PATH.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- PEDESTRIAN DETOUR TRAILBLAZERS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

SPECIAL NOTES

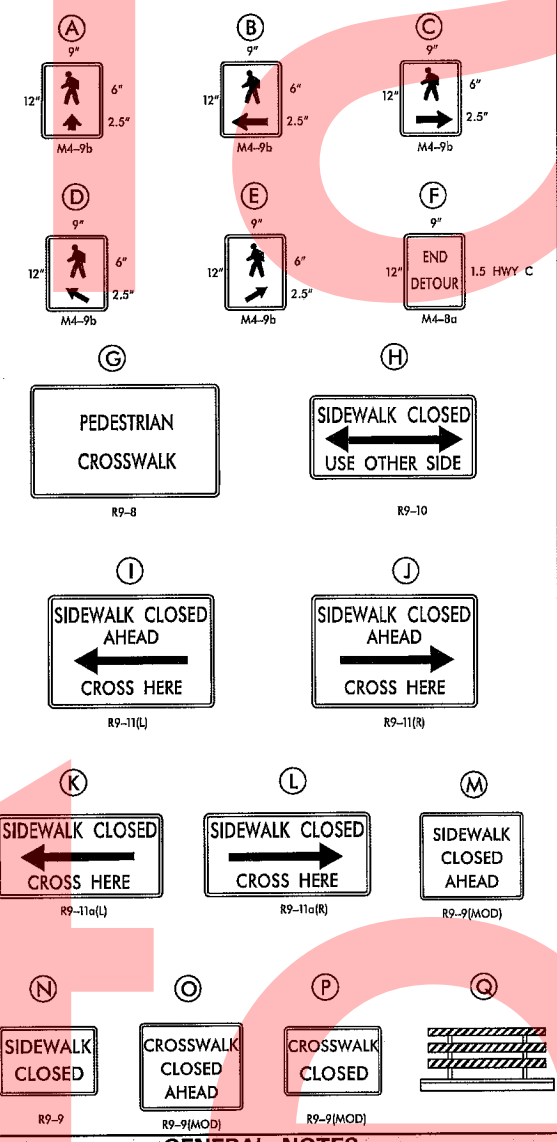
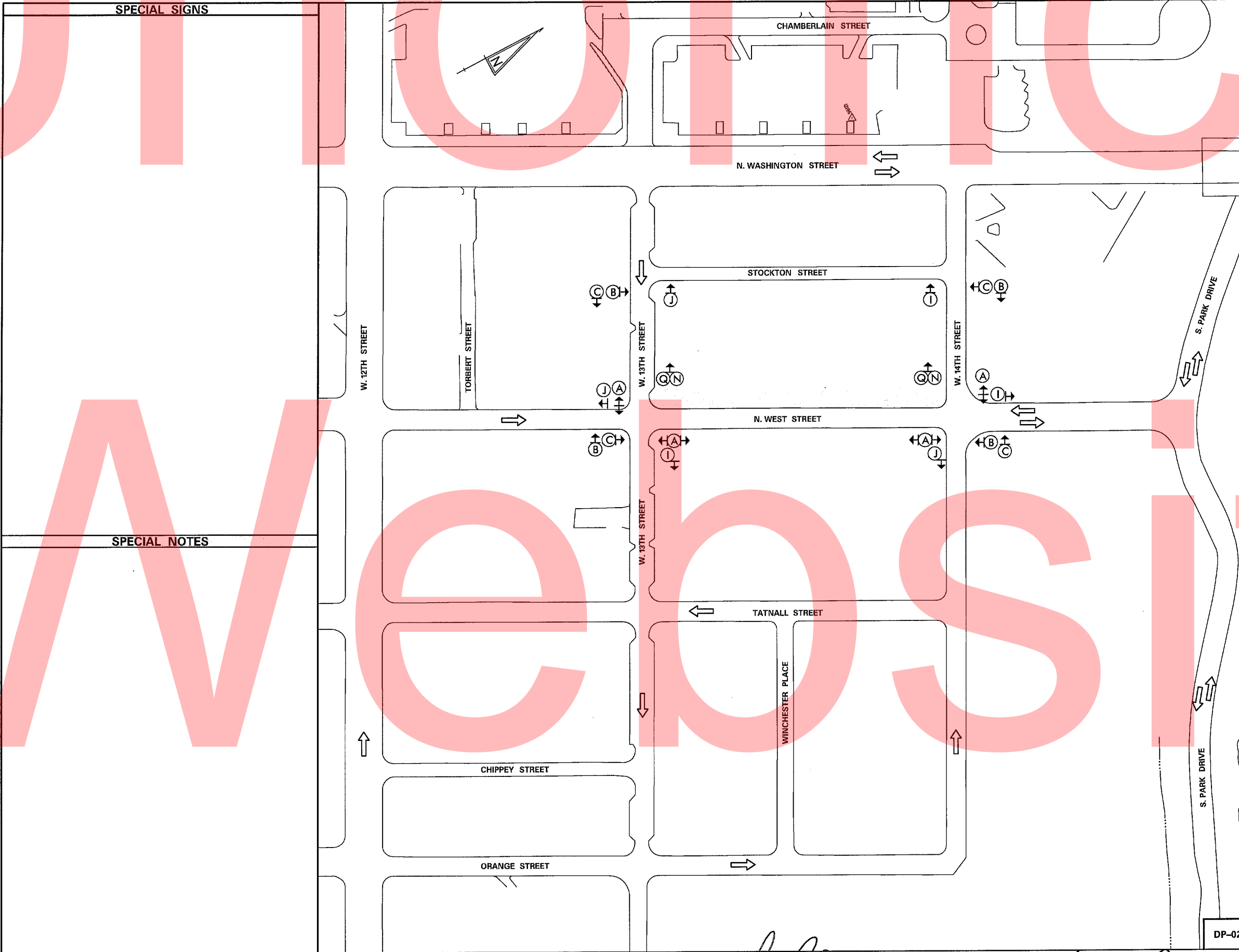
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RECOMMENDED _____ DATE: _____ APPROVED CHIEF SAFETY OFFICER: *[Signature]* DATE: 5/12/13 APPROVED TRAFFIC ENGINEER: *[Signature]* DATE: 5/15/13

<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS		NOT TO SCALE	<p>MIDTOWN BRANDYWINE STREETScape IMPROVEMENTS</p>	CONTRACT	PERMIT NO.	N/A	<p>PEDESTRIAN DETOUR PLAN</p>	SHEET NO.
					T201220005	DESIGNED BY: SSMG			18
					COUNTY	CHECKED BY: MAA			TOTAL SHTS.
					NEW CASTLE				33

SPECIAL SIGNS

LEGEND



SPECIAL NOTES

GENERAL NOTES

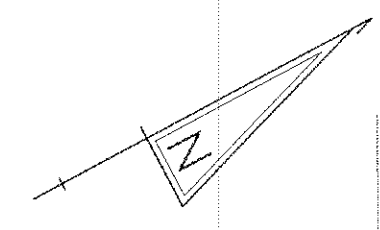
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- SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
- WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
- "Q" BARRICADE SHALL COMPLETELY RUN THE FULL WIDTH OF SIDEWALK OR PEDESTRIAN PATH.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- PEDESTRIAN DETOUR TRAILBLAZERS NOT ATTACHED TO BARRICADES ARE TO EITHER BE GROUND MOUNTED OR ATTACHED TO AN EXISTING SIGN POST AT THE LOCATION SHOWN ON THE PLAN.

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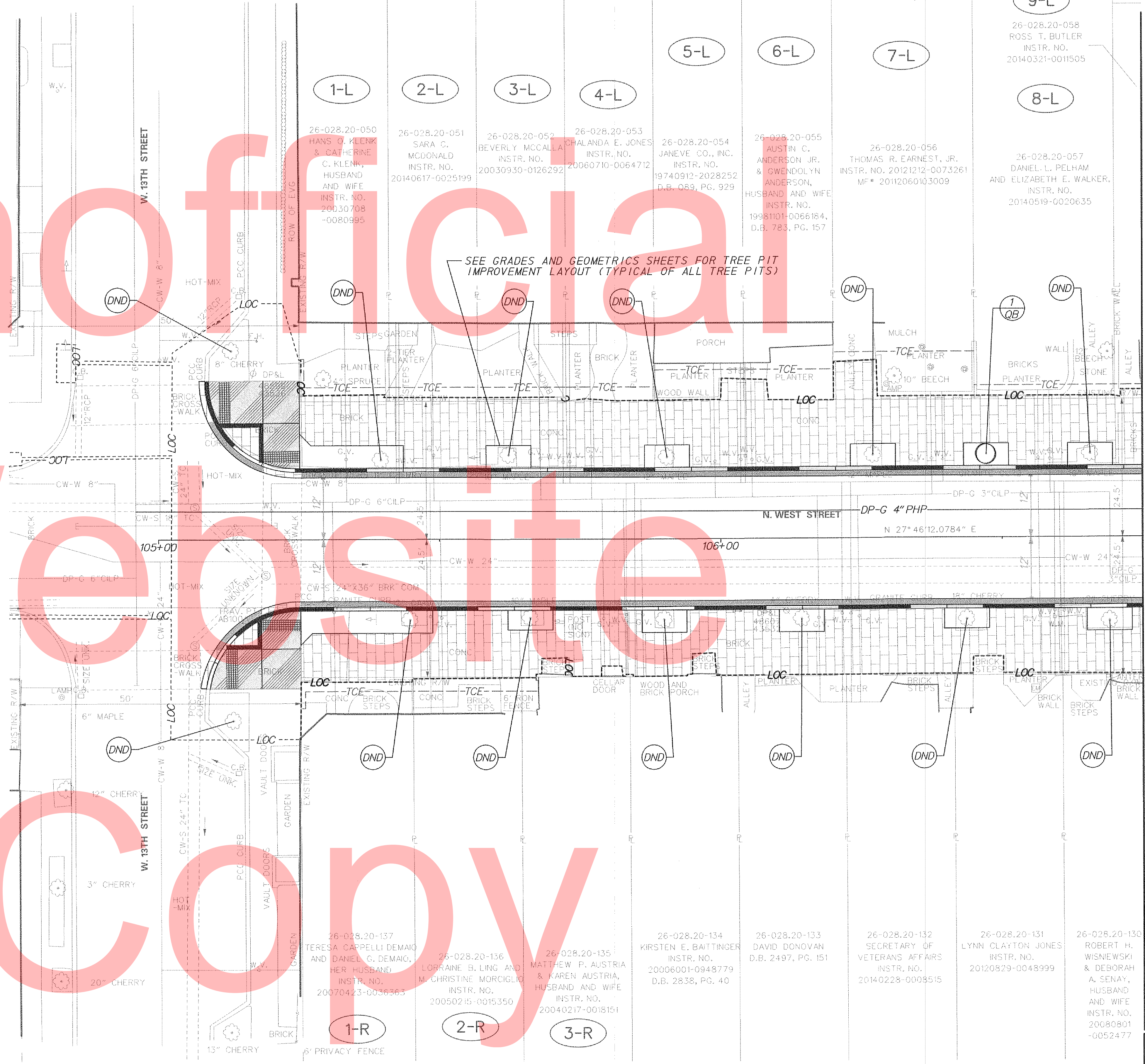
RECOMMENDED _____ DATE: _____	RECOMMENDED _____ DATE: _____	RECOMMENDED <i>[Signature]</i> DATE: <i>5/12/15</i>	APPROVED CHIEF SAFETY OFFICER <i>[Signature]</i> DATE: <i>5-15-15</i>	APPROVED TRAFFIC ENGINEER <i>[Signature]</i> DATE: <i>5/15/15</i>	
<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>		ADDENDUMS / REVISIONS	NOT TO SCALE	<p>MIDTOWN BRANDYWINE STREETScape IMPROVEMENTS</p> <p>CONTRACT: T201220005 COUNTY: NEW CASTLE PERMIT NO.: N/A DESIGNED BY: SSMG CHECKED BY: MAA</p>	<p>PEDESTRIAN DETOUR PLAN</p> <p>SHEET NO. 19 TOTAL SHTS. 33</p>

LANDSCAPE PLANTING SCHEDULE

LABEL	BOTANICAL NAME	COMMON NAME	QUANTITY	UNIT	CAL IPER	CONDITION	COMMENTS
QB	QUERCUS BICOLOR	SWAMP WHITE OAK	1	EACH	2.5" - 3"	B & B	BRANCHED AT SEVEN TO NINE FEET (7'-9')



Unofficial
Website
Copy



PREPARED BY
THE CONSULTING FIRM OF
MCCORMICK TAYLOR



Allysha Lorber
ALLYSHA LORBER, RLA
3/3/2015
DATE

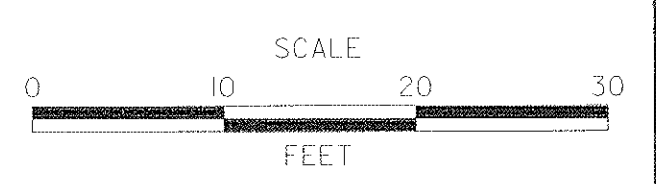
LANDSCAPING NOTES:

- CITY OF WILMINGTON URBAN FOREST ADMINISTRATOR OR THEIR REPRESENTATIVE SHALL BE PRESENT DURING THE TREE STAKE OUT LOCATIONS FOR TREE PLANTING.

MATCH LINE STA. 106 + 75.00



ADDENDUMS / REVISIONS

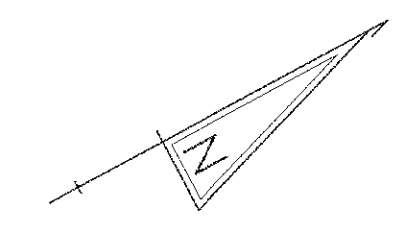


**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT T201220005	BRIDGE NO.	N/A
COUNTY NEW CASTLE	DESIGNED BY: SSMG	CHECKED BY: MAA

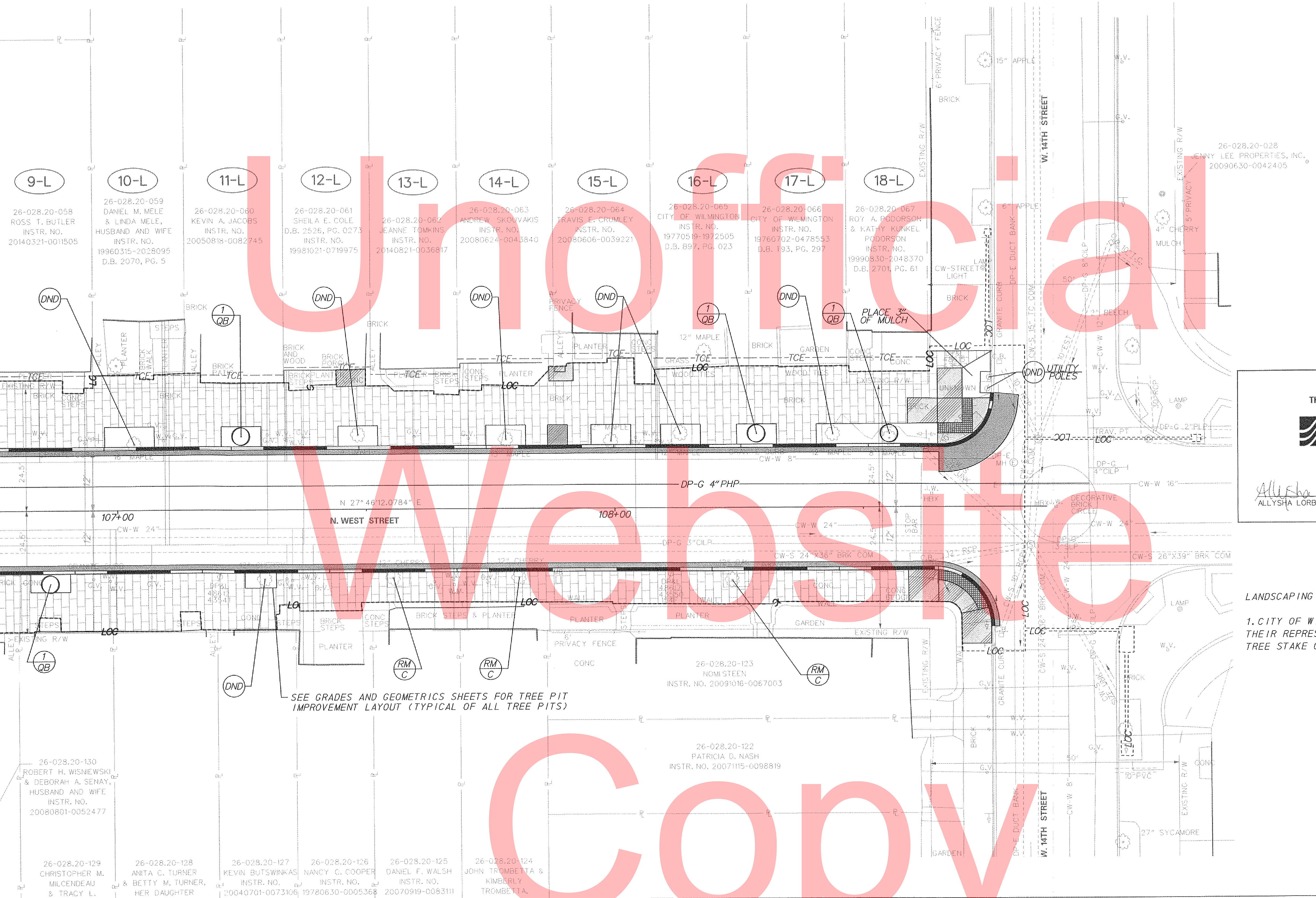
LANDSCAPING PLAN

LS-01
SHEET NO. 20
TOTAL SHTS. 33



MATCH LINE STA. 106+75.00

P:\PTE_AGR_1596\TO & MIDTOWN BRANDYWINE DESIGN\PS&E PLANS\REF_SB_MIDTOWN BRANDYWINE.DGN



- 9-L
26-028.20-058
ROSS T. BUTLER
INSTR. NO.
20140321-0011505
- 10-L
26-028.20-059
DANIEL M. MELE
& LINDA MELE,
HUSBAND AND WIFE
INSTR. NO.
19960315-2028095
D.B. 2070, PG. 5
- 11-L
26-028.20-060
KEVIN A. JACOBS
INSTR. NO.
20050818-0082745
- 12-L
26-028.20-061
SHEILA E. COLE
D.B. 2526, PG. 0273
- 13-L
26-028.20-062
JEANNE TOMKINS
INSTR. NO.
20140821-0036817
- 14-L
26-028.20-063
ANDREW SKOUVAKIS
INSTR. NO.
20080624-0043540
- 15-L
26-028.20-064
TRAVIS E. CRUMLEY
INSTR. NO.
20080606-0039221
- 16-L
26-028.20-065
CITY OF WILMINGTON
INSTR. NO.
19770519-1972505
D.B. 697, PG. 023
- 17-L
26-028.20-066
CITY OF WILMINGTON
INSTR. NO.
19760702-0478553
D.B. 193, PG. 297
- 18-L
26-028.20-067
ROY A. PODORSON
& KATHY KUNKEL
PODORSON
INSTR. NO.
19990830-2048370
D.B. 2701, PG. 61
- 26-028.20-028
JENNY LEE PROPERTIES, INC.
20090630-0042405

PREPARED BY
THE CONSULTING FIRM OF

**McCORMICK
TAYLOR**

Allysha L. Helson

ALLYSHA LORBER, RLA

3/3/2015
DATE

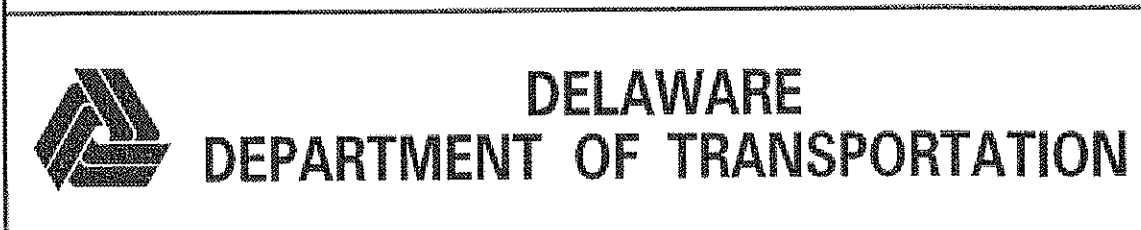
ALLYSHA L. HELSON
No. S1000296
STATE OF DELAWARE
LANDSCAPE ARCHITECT
SEAL

LANDSCAPING NOTES:

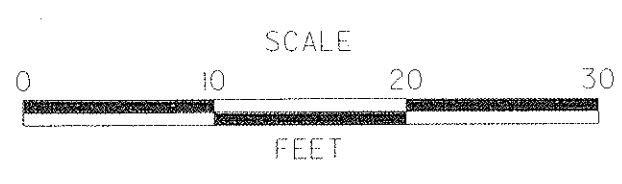
1. CITY OF WILMINGTON URBAN FOREST ADMINISTRATOR OR THEIR REPRESENTATIVE SHALL BE PRESENT DURING THE TREE STAKE OUT LOCATIONS FOR TREE PLANTING.

SEE GRADES AND GEOMETRICS SHEETS FOR TREE PIT IMPROVEMENT LAYOUT (TYPICAL OF ALL TREE PITS)

LANDSCAPE PLANTING SCHEDULE						
LABEL	BOTANICAL NAME	COMMON NAME	QUANTITY	UNIT	CAL IPER	CONDITION
QB	QUERCUS BICOLOR	SWAMP WHITE OAK	4	EACH	2.5" - 3"	B & B
						COMMENTS
						BRANCHED AT SEVEN TO NINE FEET (7-9')



ADDENDUMS / REVISIONS	



**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T201220005	DESIGNED BY: SSMG	
COUNTY	CHECKED BY: MAA	
NEW CASTLE		

LANDSCAPING PLAN

LS-02
SHEET NO.
21
TOTAL SHTS.
33

LIGHTING LEGEND	
SYMBOL	ITEM
— SOD —	SCHEDULE 80 PVC CONDUIT UNDER NEW PAVEMENT OR IN SODDED TRENCH, 1.5"
■	CONDUIT JUNCTION WELL
◆	PROPOSED LIGHT STANDARD WITH LUMINAIRE
⊕	EXISTING UTILITY POLE MOUNTED LUMINAIRE
⊙	EXISTING LIGHT STANDARD WITH LUMINAIRE
⊙ 1	PROPOSED CONDUIT JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
⊙ #	PROPOSED LIGHT STANDARD IDENTIFIER (LIGHT STANDARD #)
⊙ #	PROPOSED LIGHTING CONDUIT RUN IDENTIFIER (LIGHTING CONDUIT RUN #)

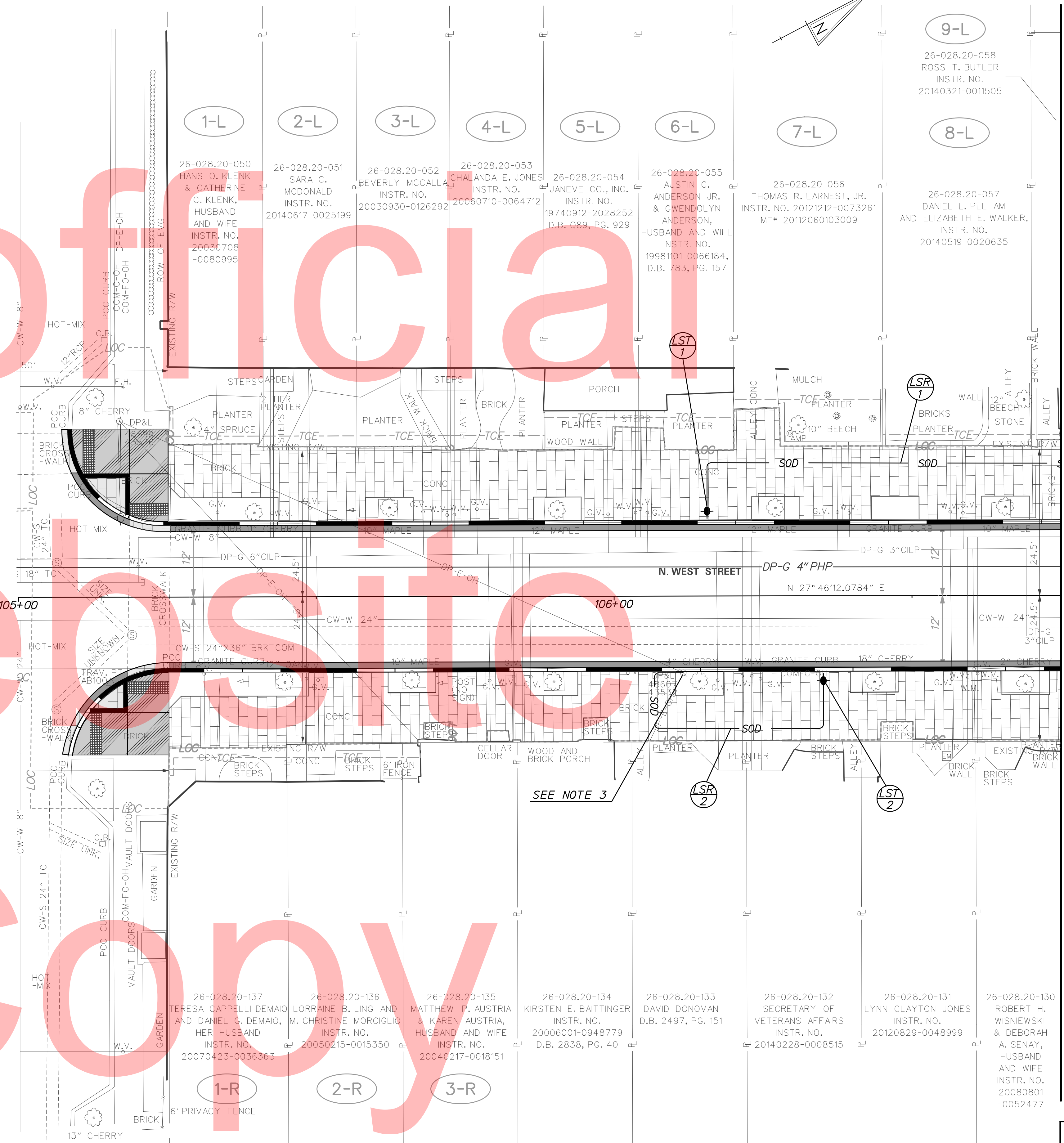
DECORATIVE LIGHT STANDARDS & ORNAMENTAL POLE BASE SCHEDULE						
NO.	CKT ID	STATION	OFFSET	LUMINAIRE ORIENTATION	PHOTOCELL CONTROL	VOLTAGE
LST-1	A-1	106+16	15' LT.	PERP. TO SIDEWALK	YES	120 V
LST-2	B-1	106+35	15' RT.	PERP. TO SIDEWALK	YES	120 V

CONDUIT & CONDUCTOR RUN SCHEDULE					
CONDUIT RUN #	FROM	TO	1.5" PVC CONDUIT (FT)	#6 AWG CONDUCTOR (FT)	#6 AWG GROUNDING CONDUCTOR (FT)
LSR-1	LST-4	LST-1	154	308	154
LSR-2	DP&L POLE	LST-2	50	160*	80*
	TOTAL		204	468	234

* WIRE LENGTH INCLUDES ADDITIONAL WIRE REQUIRED FOR UTILITY POLE RISERS

NOTES:

1. OFFSET MEASURED FROM THE CENTER OF POLE BASE.
2. PROVIDE 2' BUFFER BETWEEN FACE OF CURB AND EDGE OF POLE BASE (TYPICAL)
3. ELECTRIC SERVICE OBTAINED FROM DP&L POLE 48607/43532



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MATCH LINE STA. 106 + 75.00

LIGHTING LEGEND	
SYMBOL	ITEM
	SCHEDULE 80 PVC CONDUIT UNDER NEW PAVEMENT OR IN SODDED TRENCH, 1.5"
	CONDUIT JUNCTION WELL
	PROPOSED LIGHT STANDARD WITH LUMINAIRE
	EXISTING UTILITY POLE MOUNTED LUMINAIRE
	EXISTING LIGHT STANDARD WITH LUMINAIRE
	PROPOSED CONDUIT JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
	PROPOSED LIGHT STANDARD IDENTIFIER (LIGHT STANDARD #)
	PROPOSED LIGHTING CONDUIT RUN IDENTIFIER (LIGHTING CONDUIT RUN #)

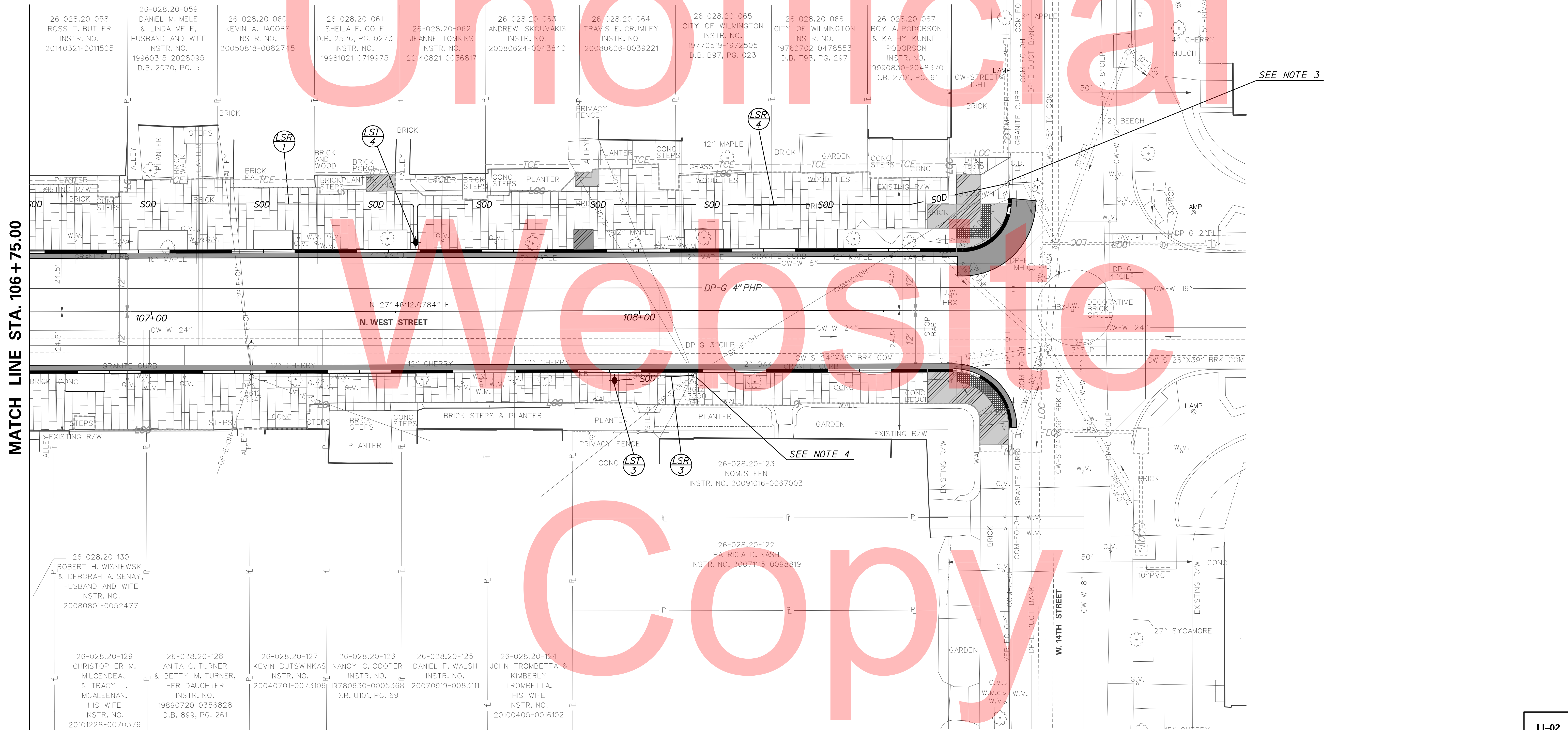
DECORATIVE LIGHT STANDARDS & ORNAMENTAL POLE BASE SCHEDULE						
NO.	CKT ID	STATION	OFFSET	LUMINAIRE ORIENTATION	PHOTOCELL CONTROL	VOLTAGE
LST-3	C-1	107+95	15' RT.	PERP. TO SIDEWALK	YES	120 V
LST-4	D-1	107+54	15' LT.	PERP. TO SIDEWALK	YES	120 V

CONDUIT & CONDUCTOR RUN SCHEDULE					
CONDUIT RUN #	FROM	TO	1.5" PVC CONDUIT (FT)	#6 AWG CONDUCTOR (FT)	#6 AWG GROUNDING CONDUCTOR (FT)
LSR-3	DP&L POLE	LST-3	17	94*	47*
LSR-4	DP&L POLE	LST-4	129	477*	159*
TOTAL			146	571	206

* WIRE LENGTH INCLUDES ADDITIONAL WIRE REQUIRED FOR UTILITY POLE RISERS

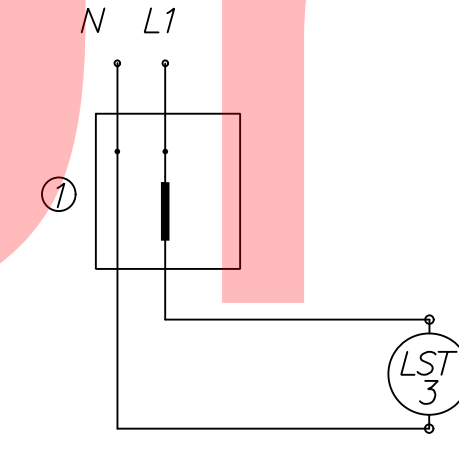
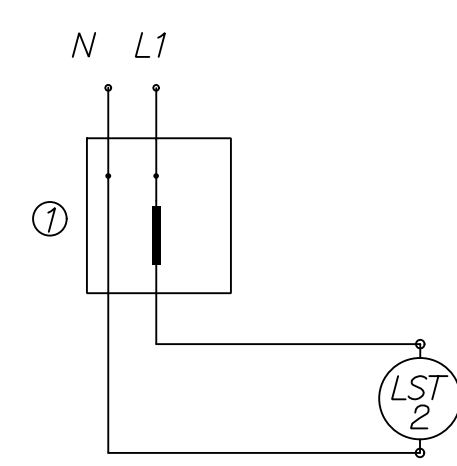
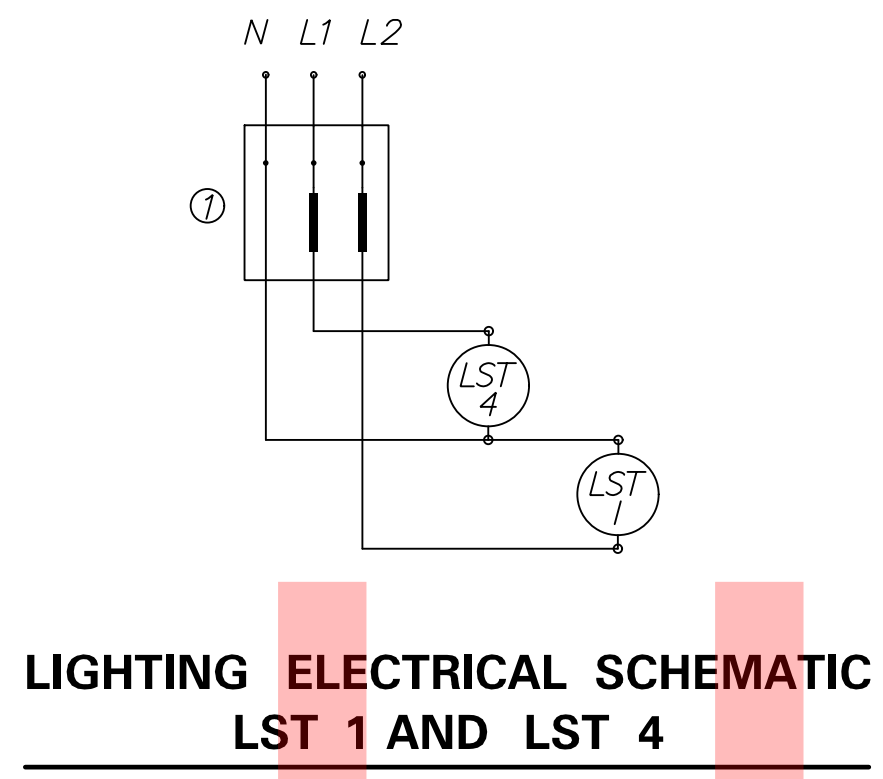
NOTES:

1. OFFSET MEASURED FROM THE CENTER OF POLE BASE.
2. PROVIDE 2' BUFFER BETWEEN FACE OF CURB AND EDGE OF POLE BASE (TYPICAL)
3. ELECTRIC SERVICE OBTAINED FROM DP&L POLE 48615/43557
4. ELECTRIC SERVICE OBTAINED FROM DP&L POLE 48617/43550

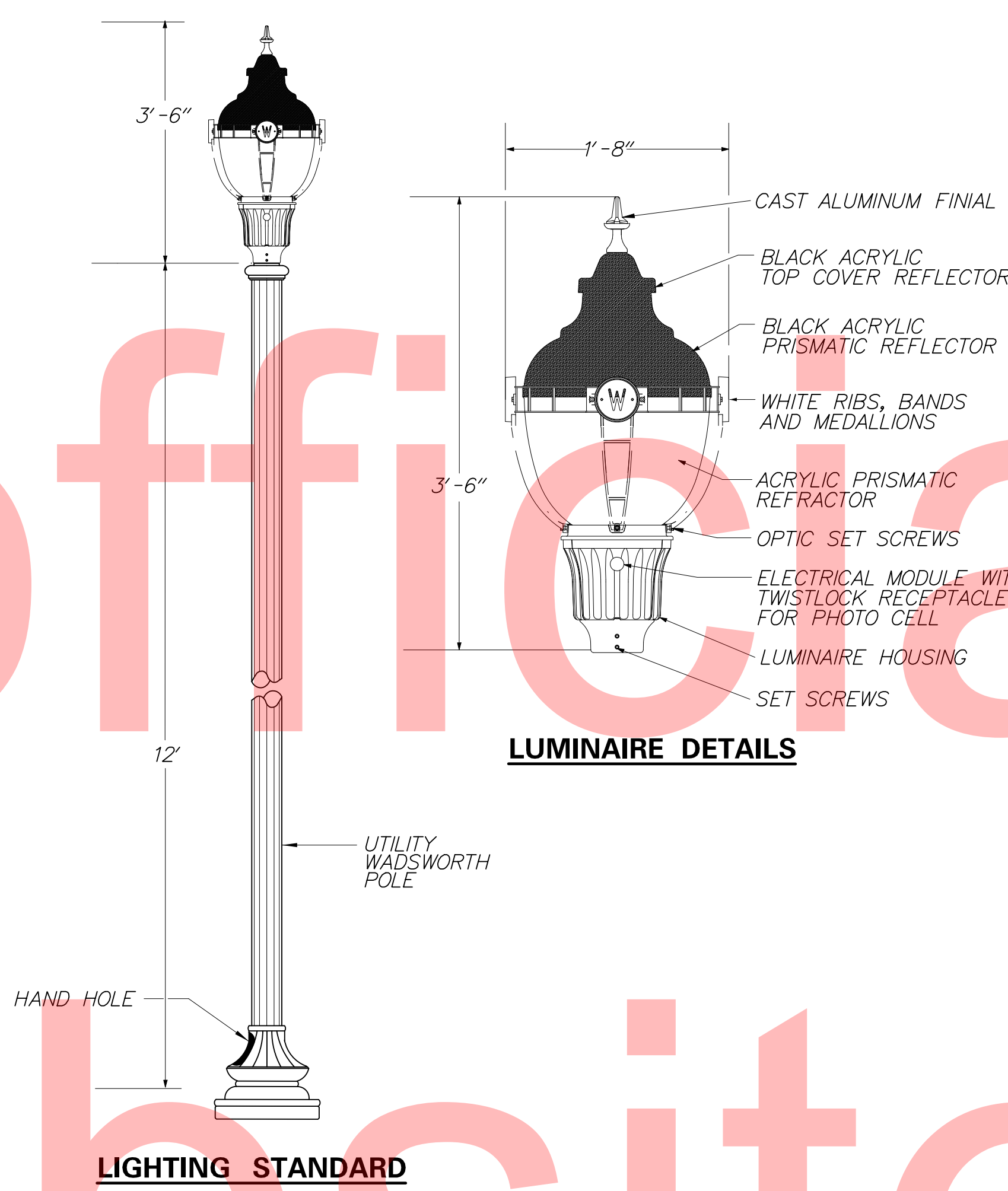


MATCH LINE STA. 106 + 75.00

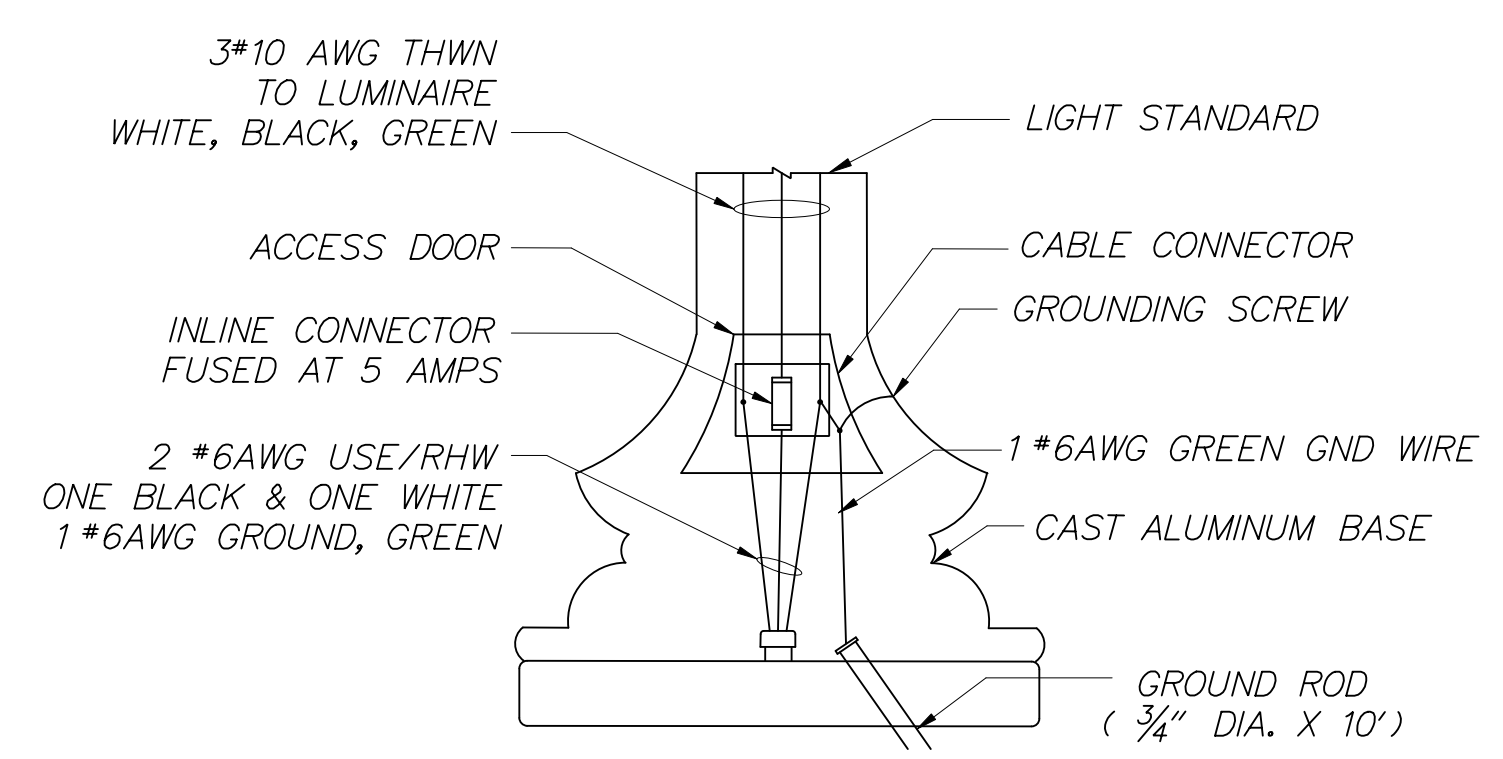
P:\PTE_AGR_1596\TO 8 MIDTOWN BRANDYWINE DESIGN\DESIGN\PS&E PLANS\REF\SB_MIDTOWN BRANDYWINE.DGN



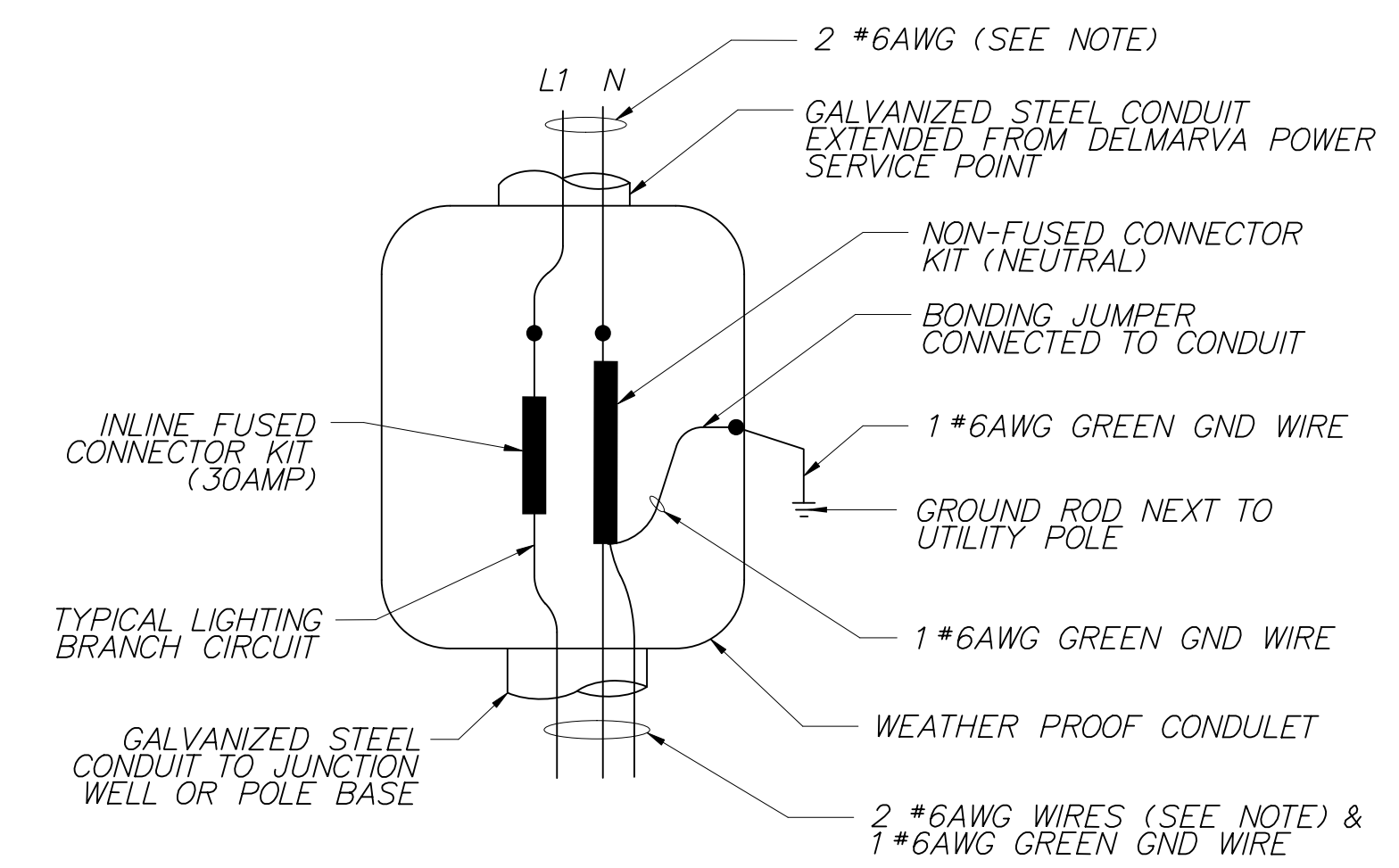
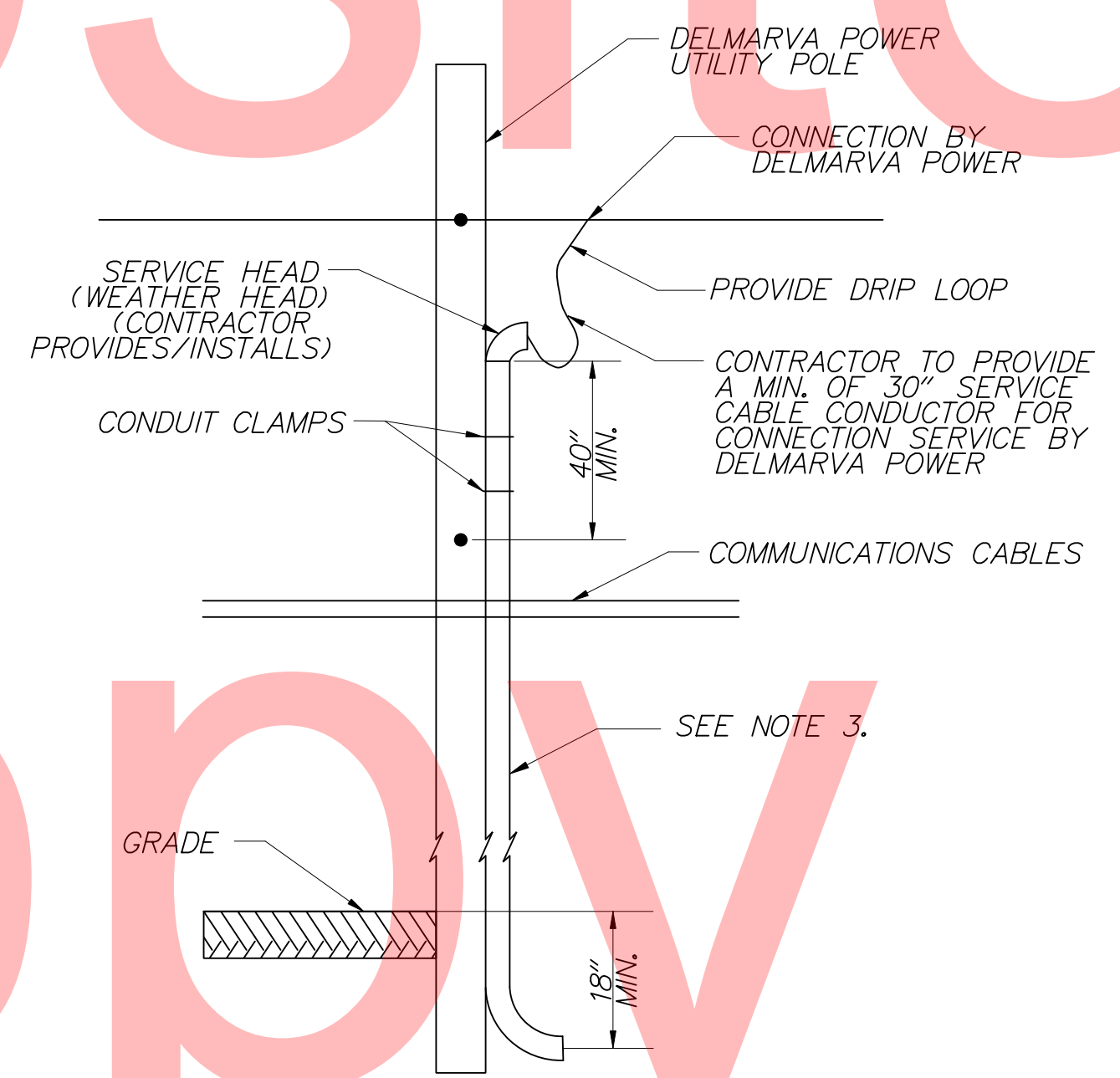
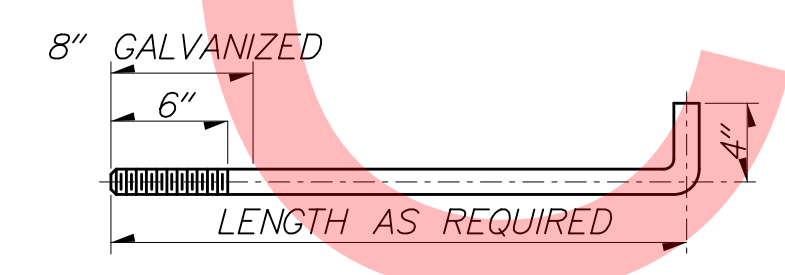
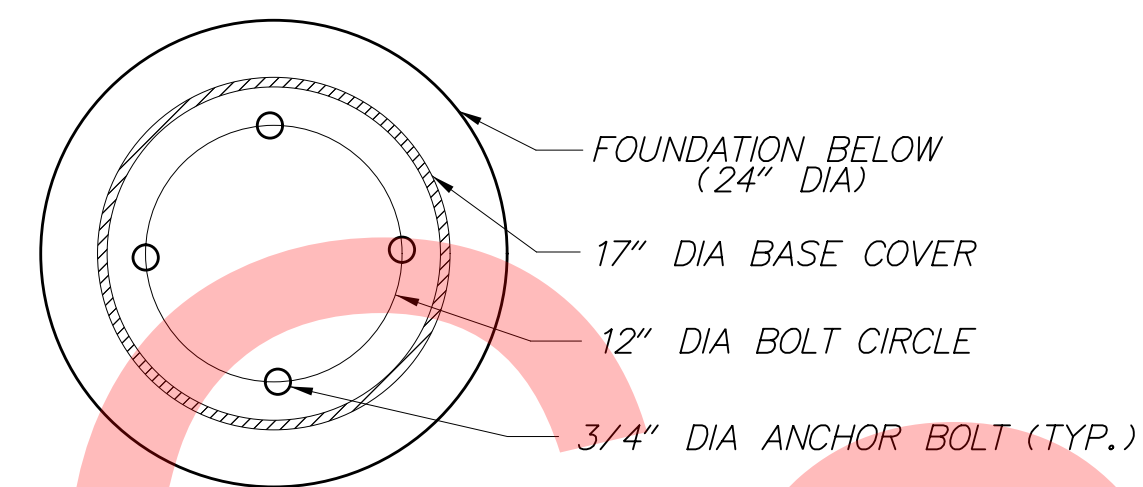
LEGEND:
 N - NEUTRAL
 L1 - LINE 1
 L2 - LINE 2
 ① - WEATHERPROOF CONDULET WITH FUSE CONNECTOR KITS



- 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 THE TYPE SHOWN, 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. ISSUES WITH THE EXISTING ROADWAY LIGHTING SHOULD BE DIRECTED TO DELMARVA POWER & LIGHT. ISSUES WITH THE EXISTING PARK/PEDESTRIAN LIGHTING SHOULD BE DIRECTED TO THE CITY OF WILMINGTON.
 - USE #6 AWG USE/RHW CABLE FOR ALL CIRCUITS UNLESS INDICATED IN THE PLANS OR BY THE ENGINEER. PROVIDE #6 AWG GREEN GROUND 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 FINISHED GRADE.
 - DUE TO POSSIBLE UNDERGROUND OBSTRUCTIONS, ALL POLE BASES SHOULD BE HAND DUG. NO EXTRA PAYMENT WILL BE MADE IF HAND DIGGING IS REQUIRED TO AVOID UNDERGROUND UTILITIES OR OBSTRUCTIONS.



NOTE: ALL LIGHTING STANDARD SHALL BE INSTALLED ON DELDOT STANDARD POLE BASE, TYPE 6.



NOTE: CONDULET FOR LST 1 / LST 4 CONTAINS A THIRD #6 AWG CABLE (L2)

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ADDENDUMS / REVISIONS

NOT TO SCALE

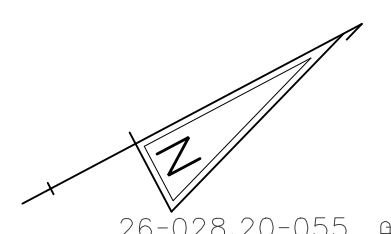
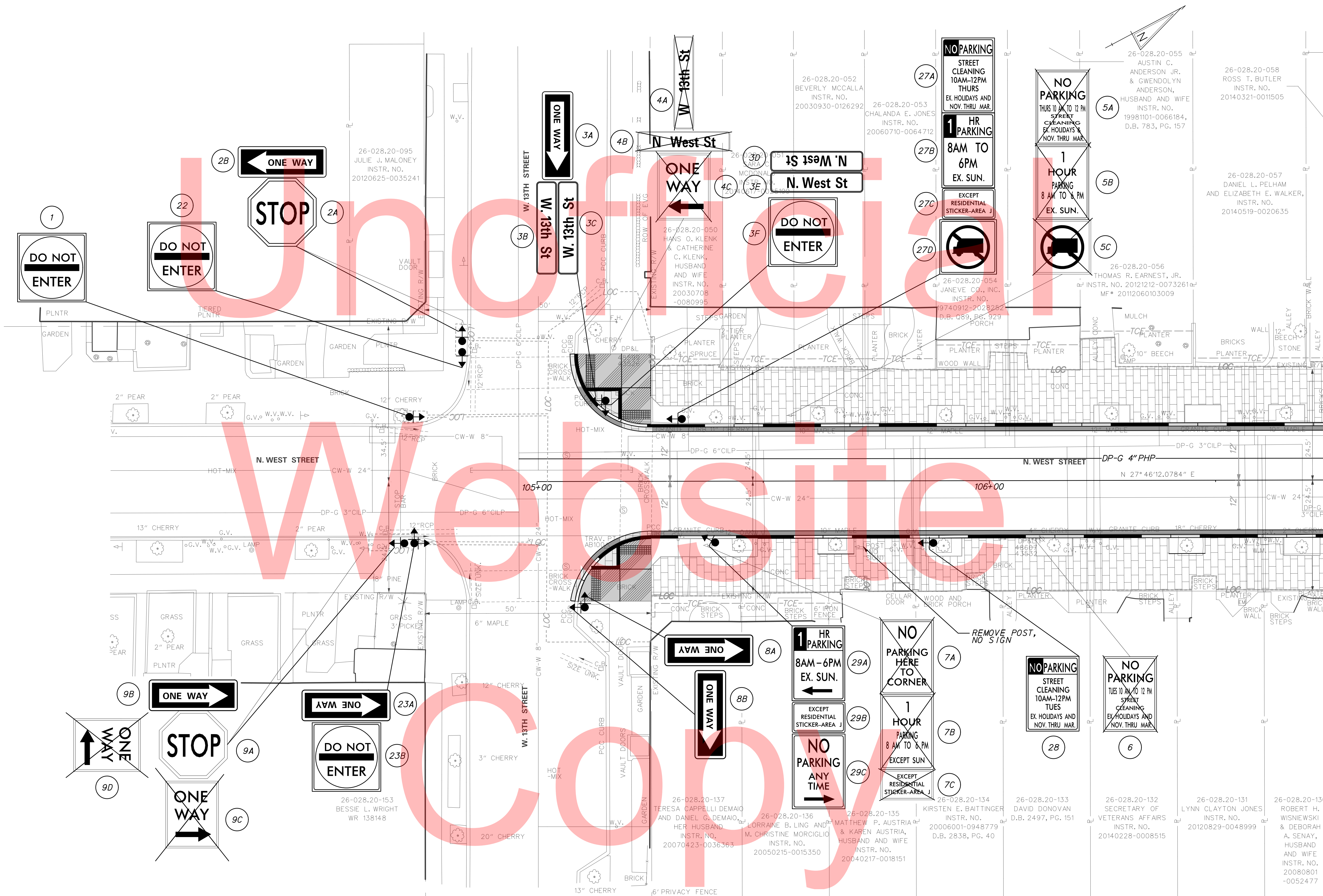
MIDTOWN BRANDYWINE STREETSCAPE IMPROVEMENTS

CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

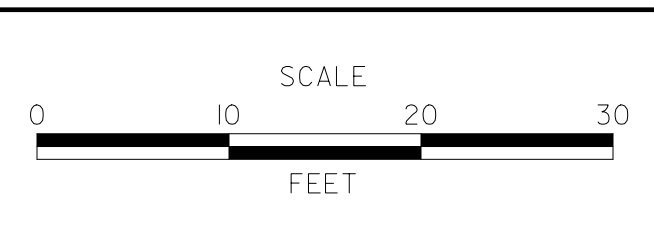
LIGHTING PLAN

LI-03
SHEET NO. 24
TOTAL SHTS. 33

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ADDENDUMS / REVISIONS



**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

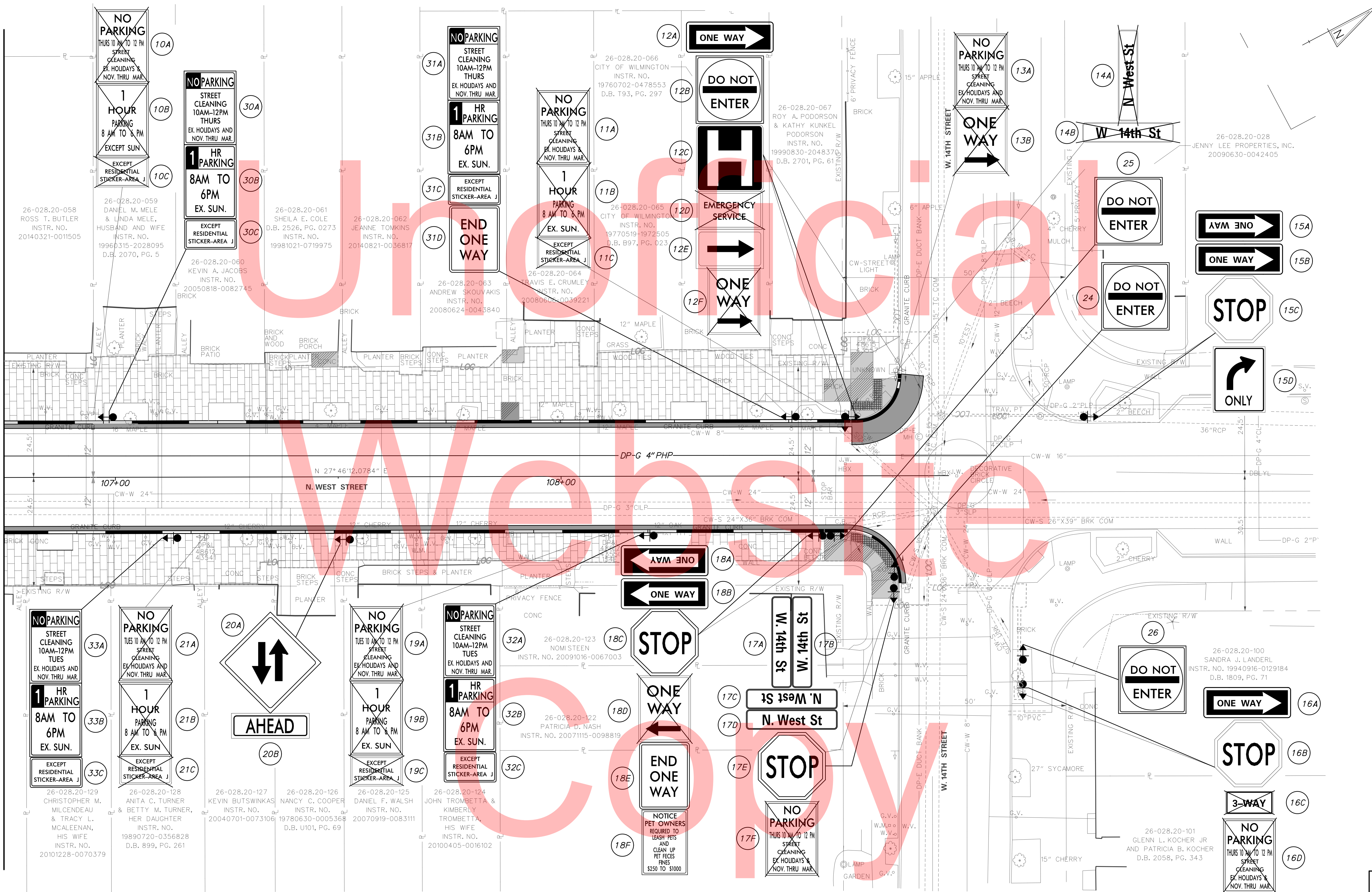
**SIGNING, STRIPING
AND CONDUIT PLAN**

SHEET NO. 25
TOTAL SHTS. 33

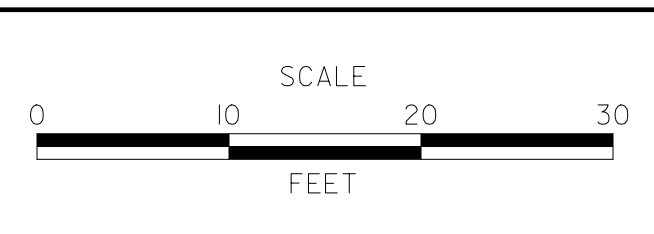
MATCH LINE STA. 106 + 75.00

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MATCH LINE STA. 106 + 75.00



ADDENDUMS / REVISIONS	



CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

PERMANENT SIGN SCHEDULE

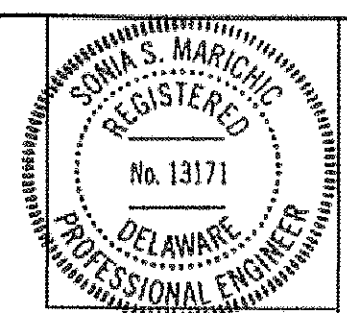
SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN HEIGHT (IN)	SIGN WIDTH (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST EACH		ITEM 749690 MULTI-POST (SF)		POST INSTALLATION TYPE	CODE X11 12" POST W/ BASEPOST (EACH)	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
									REMOVE	INSTALL	REMOVE	INSTALL					
SS-01	1	R5-1(30)	DO NOT ENTER - 30x30	1	30"	30"	6.25	NEW		1			CONCRETE	1	1		
SS-01	2A	R1-1(36)	STOP	2	36"	36"	9	RENEW	1	1			CONCRETE	1	1		NEW POST 4' FROM X-WALK
SS-01	2B	R6-1_L(36)	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	2	36"	12"	3	NEW		1							PARALLEL TO WEST STREET
SS-01	3A	R6-1_R(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	3	36"	12"	3	NEW		1			CONCRETE	1	1		PARALLEL TO 13TH STREET
SS-01	3B	D3-1(9)	STREET NAME (1 Line)	3	30"	9"	1.88	NEW		1							W 13th St
SS-01	3C	D3-1(9)	STREET NAME (1 Line)	3	30"	9"	1.88	NEW		1							W 13th St
SS-01	3D	D3-1(9)	STREET NAME (1 Line)	3	30"	9"	1.88	NEW		1							N West St
SS-01	3E	D3-1(9)	STREET NAME (1 Line)	3	30"	9"	1.88	NEW		1							N West St
SS-01	3F	R5-1(30)	DO NOT ENTER - 30x30	3	30"	30"	6.25	NEW		1							
SS-01	4A	D3-1(9)	STREET NAME (1 Line)	4				REMOVE	1								W 13th St
SS-01	4B	D3-1(9)	STREET NAME (1 Line)	4				REMOVE	1								N West St
SS-01	4C	R6-2_R(24)	ONE WAY (RIGHT ARROW) - 24x30	4				REMOVE	1								
SS-01	5A	R7-2a	NO PARK THURS 10AM-12PM ST CLEANING	5				REMOVE	1								
SS-01	5B	R7-5	1 HOUR PARKING 8AM-6PM EX SUN	5				REMOVE	1								
SS-01	5C	R5-2(24)	NO TRUCKS - 24x24	5				REMOVE	1								
SS-01	6	R7-2a	NO PARK TUES 10AM-12PM ST CLEANING	6				REMOVE	1								
SS-01	7A		NO PARKING HERE TO CORNER	7				REMOVE	1								
SS-01	7B	R7-5	1 HOUR PARKING 8AM-6PM EX SUN	7				REMOVE	1								
SS-01	7C		EXCEPT RESIDENTIAL STICKER AREA-J	7				REMOVE	1								
SS-01	8A	R6-1_L(36)	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	8	36"	12"	3	NEW		1			SOIL	1			PARALLEL TO WEST STREET
SS-01	8B	R6-1_R(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	8	36"	12"	3	NEW		1							PARALLEL TO 13TH STREET
SS-01	9A	R1-1(36)	STOP	9	36"	36"	9	RENEW	1	1			CONCRETE	1	1		NEW POST 4' FROM X-WALK
SS-01	9B	R6-1_R(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	9	36"	12"	3	NEW		1							PARALLEL TO 13TH STREET
SS-01	9C	R6-2_R(24)	ONE WAY (RIGHT ARROW) - 24x30	9				REMOVE	1								
SS-01	9D	R6-2_L(24)	ONE WAY (LEFT ARROW) - 24x30	9				REMOVE	1								
SS-02	10A	R7-2a	NO PARK THURS 10AM-12PM ST CLEANING	10				REMOVE	1								
SS-02	10B	R7-5	1 HOUR PARKING 8AM-6PM EX SUN	10				REMOVE	1								
SS-02	10C		EXCEPT RESIDENTIAL STICKER AREA-J	10				REMOVE	1								
SS-02	11A	R7-2a	NO PARK THURS 10AM-12PM ST CLEANING	11				REMOVE	1								
SS-02	11B	R7-5	1 HOUR PARKING 8AM-6PM EX SUN	11				REMOVE	1								
SS-02	11C		EXCEPT RESIDENTIAL STICKER AREA-J	11				REMOVE	1								
SS-02	12A	R6-1_R(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	12	36"	12"	3	NEW		1			SOIL	1			PARALLEL TO WEST STREET
SS-02	12B	R5-1(30)	DO NOT ENTER - 30x30	12	30"	30"	6.25	NEW		1							
SS-02	12C	D9-2(24)	HOSPITAL (Symbol) - 24x24	12	24"	24"	4	RENEW	1	1							
SS-02	12D		EMERGENCY SERVICE PLAQUE	12				REMOVE	1								
SS-02	12E	M6-1_R(B)	DIRECTIONAL ARROW (Right) - 12x9	12	12"	9"	0.75	RENEW	1	1							
SS-02	12F	R6-2_R(24)	ONE WAY (RIGHT ARROW) - 24x30	12				REMOVE	1								
SS-02	13A	R7-2a	NO PARK THURS 10AM-12PM ST CLEANING	13				REMOVE	1								
SS-02	13B	R6-2_R(24)	ONE WAY (RIGHT ARROW) - 24x30	13				REMOVE	1								
SS-02	14A	D3-1(9)	STREET NAME (1 Line)	14				REMOVE	1								N. West St.
SS-02	14B	D3-1(9)	STREET NAME (1 Line)	14				REMOVE	1								W. 14th St.
SS-02	15A	R6-1_L(36)	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	15	36"	12"	3	NEW		1			CONCRETE	1	1		15A & 15B BACK-TO-BACK; PARALLEL TO 14TH ST
SS-02	15B	R6-1_R(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	15	36"	12"	3	NEW		1							
SS-02	15C	R1-1(36)	STOP	15	36"	36"	9	RENEW	1	1							
SS-02	15D	R3-5_R	MANDATORY MOVEMENT LANE CONTROL (Right)	15	30"	36"	7.5	NEW		1							
SS-02	16A	R6-1_R(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	16	36"	12"	3	NEW		1			SOIL	1			PARALLEL TO WEST STREET
SS-02	16B	R1-1(36)	STOP	16	36"	36"	9	RENEW	1	1							PLACE NEW POST IN FRONT OF TREE
SS-02	16C		3-WAY	16				REMOVE	1								
SS-02	16D	R7-2a	NO PARK THURS 10AM-12PM ST CLEANING	16				REMOVE	1								
SS-02	17A	D3-1(9)	STREET NAME (1 Line)	17	30"	9"	1.88	NEW		1			CONCRETE	1	1		W. 14th St.
SS-02	17B	D3-1(9)	STREET NAME (1 Line)	17	30"	9"	1.88	NEW		1							W. 14th St.

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PERMANENT SIGN SCHEDULE

SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN HEIGHT (IN)	SIGN WIDTH (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST EACH		ITEM 749690 MULTI-POST (SF)		POST INSTALLATION TYPE	CODE X11 12" POST W/ BASEPOST (EACH)	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
									REMOVE	INSTALL	REMOVE	INSTALL					
SS-02	17C	D3-1(9)	STREET NAME (1 Line)	17	30"	9"	1.88	NEW		1							N. West St.
SS-02	17D	D3-1(9)	STREET NAME (1 Line)	17	30"	9"	1.88	NEW		1							N. West St.
SS-02	17E	R1-1(36)	STOP	17	36"	36"	9	RENEW	1	1							NEW POST 4' FROM X-WALK
SS-02	17F	R7-2a	NO PARK THURS 10AM-12PM ST CLEANING	17				REMOVE	1								
SS-02	18A	R6-1_L(36)	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	18	36"	12"	3	NEW		1		CONCRETE	1	1			18A & 18B BACK-TO-BACK; PARALLEL TO 14TH ST
SS-02	18B	R6-1_L(36)	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	18	36"	12"	3	NEW		1							
SS-02	18C	R1-1(36)	STOP	18	36"	36"	9	RENEW	1	1							NEW POST 4' FROM X-WALK
SS-02	18D	R6-2_L(24)	ONE WAY (LEFT ARROW) - 24x30	18				REMOVE	1								
SS-02	18E	R6-7(24)	END ONE WAY - 24x30	18	24"	30"	5	NEW		1							
SS-02	18F	N/A	NOTICE PET OWNERS	18				REPOSITION	1	1							
SS-02	19A	R7-2a	NO PARK TUES 10AM-12PM ST CLEANING	19				REMOVE	1								
SS-02	19B	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	19				REMOVE	1								
SS-02	19C	R7-5	1 HOUR PARKING 8AM-6PM EX SUN	19				REMOVE	1								
SS-02	20A	W6-3(30)	TWO - WAY TRAFFIC (Symbol) - 30x30	20	30"	30"	6.25	NEW		1		CONCRETE	1	1			
SS-02	20B	W16-9P(24)	AHEAD (plaque) - 24x12	20	24"	12"	2	NEW		1							
SS-02	21A	R7-2a	NO PARK TUES 10AM-12PM ST CLEANING	21				REMOVE	1								
SS-02	21B	R7-5	1 HOUR PARKING 8AM-6PM EX SUN	21				REMOVE	1								
SS-02	21C	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	21				REMOVE	1								
SS-02	22	R5-1(30)	DO NOT ENTER - 30x30	22	30"	30"	6.25	NEW		1		CONCRETE	1	1			
SS-01	23A	R6-1_L(36)	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	23	36"	12"	3	NEW		1		CONCRETE	1	1			PARALLEL TO WEST STREET
SS-01	23B	R5-1(30)	DO NOT ENTER - 30x30	23	30"	30"	6.25	NEW		1							
SS-02	24	R5-1(30)	DO NOT ENTER - 30x30	24	30"	30"	6.25	NEW		1		CONCRETE	1	1			
SS-02	25	R5-1(30)	DO NOT ENTER - 30x30	25	30"	30"	6.25	NEW		1		CONCRETE	1	1			
SS-02	26	R5-1(30)	DO NOT ENTER - 30x30	26	30"	30"	6.25	NEW		1		SOIL	1				
SS-01	27A	R7-107-DE(12)	NO PARK ST CLEANING 10AM-12PM THURS	27	12"	18"	1.5	NEW		1		SOIL	1				
SS-01	27B	R7-108	1 HR PARKING 8AM TO 6PM EX. SUN.	27	12"	18"	1.5	NEW		1							
SS-01	27C	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	27	6"	12"	0.5	NEW		1							
SS-01	27D	R5-2(24)	NO TRUCKS - 24x24	27	24"	24"	4	NEW		1							
SS-01	28	R7-107-DE(12)	NO PARK ST CLEANING 10AM-12PM TUES	28	12"	18"	1.5	NEW		1		SOIL	1				
SS-01	29A	R7-108	1 HR PARKING 8AM TO 6PM EX. SUN.	29	12"	18"	1.5	NEW		1		SOIL	1				
SS-01	29B	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	29	6"	12"	0.5	NEW		1							
SS-01	29C	R7-1	NO PARKING ANY TIME	29	12"	18"	1.5	NEW		1							
SS-02	30A	R7-107-DE(12)	NO PARK ST CLEANING 10AM-12PM THURS	30	12"	18"	1.5	NEW		1		SOIL	1				
SS-02	30B	R7-108	1 HR PARKING 8AM TO 6PM EX. SUN.	30	12"	18"	1.5	NEW		1							
SS-02	30C	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	30	6"	12"	0.5	NEW		1							
SS-02	31A	R7-107-DE(12)	NO PARK ST CLEANING 10AM-12PM THURS	31	12"	18"	1.5	NEW		1		SOIL	1				
SS-02	31B	R7-108	1 HR PARKING 8AM TO 6PM EX. SUN.	31	12"	18"	1.5	NEW		1							
SS-02	31C	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	31	6"	12"	0.5	NEW		1							
SS-02	31D	R6-7(24)	END ONE WAY - 24x30	31	24"	30"	5	NEW		1							
SS-02	32A	R7-107-DE(12)	NO PARK ST CLEANING 10AM-12PM TUES	32	12"	18"	1.5	NEW		1		CONCRETE	1	1			
SS-02	32B	R7-108	1 HR PARKING 8AM TO 6PM EX. SUN.	32	12"	18"	1.5	NEW		1							
SS-02	32C	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	32	6"	12"	0.5	NEW		1							
SS-02	33A	R7-107-DE(12)	NO PARK ST CLEANING 10AM-12PM TUES	33	12"	18"	1.5	NEW		1		CONCRETE	1	1			
SS-02	33B	R7-108	1 HR PARKING 8AM TO 6PM EX. SUN.	33	12"	18"	1.5	NEW		1							
SS-02	33C	N/A	EXCEPT RESIDENTIAL STICKER AREA-J	33	6"	12"	0.5	NEW		1							
							TOTALS:	212.04	43	62	0	0	23	14	0		

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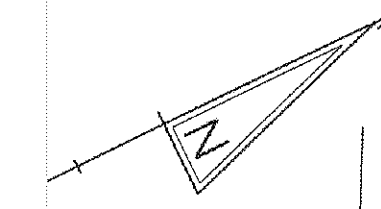


[Signature]
PROJECT MANAGER

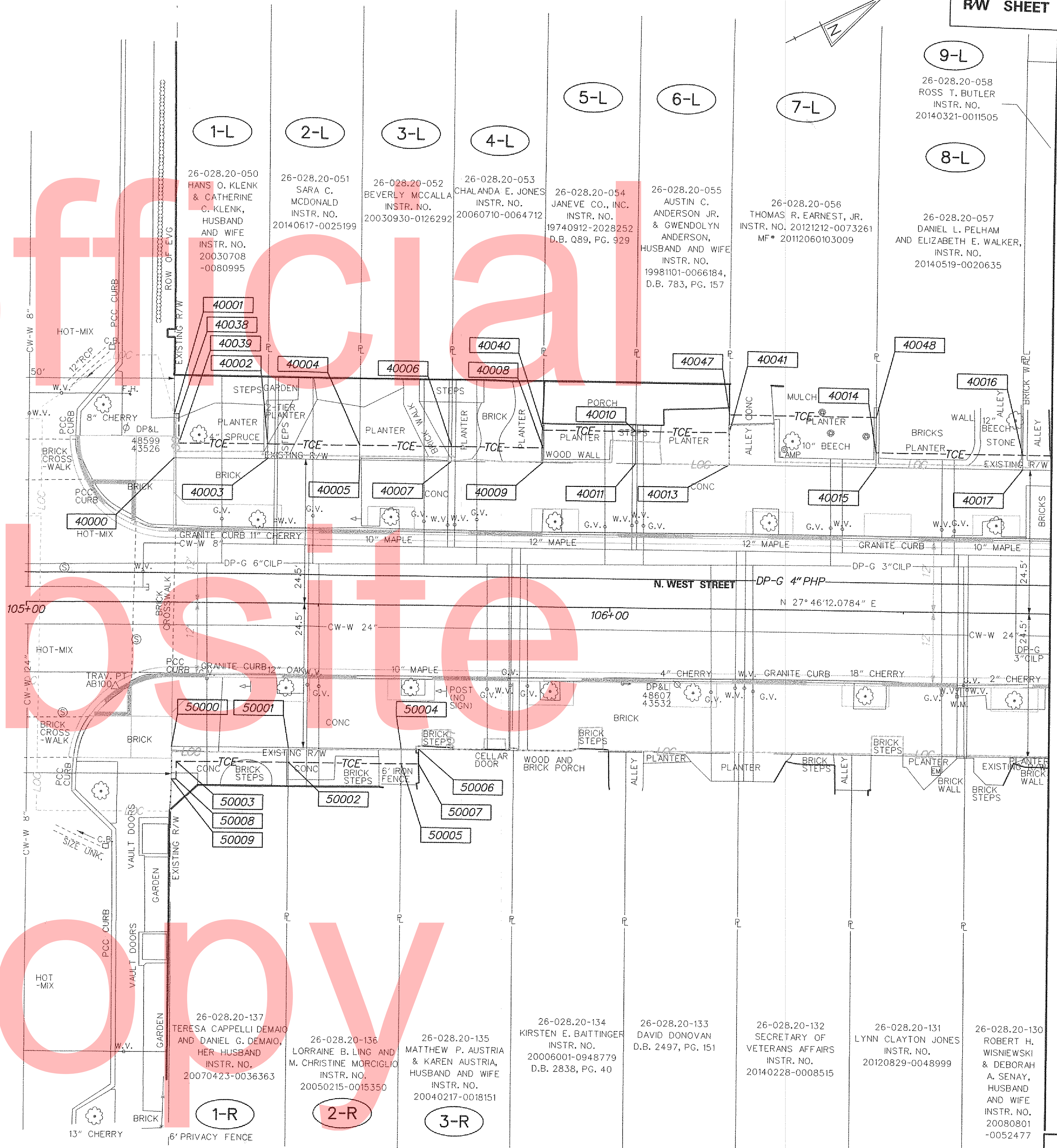
5-20-2015
DATE

RECOMMENDED AS TO ENGINEERING NEED

MANAGER, TEAM SUPPORT	DATE
PROGRAM MANAGER, TEAM SUPPORT	DATE
TECHNICAL REVIEWER, TEAM SUPPORT	DATE



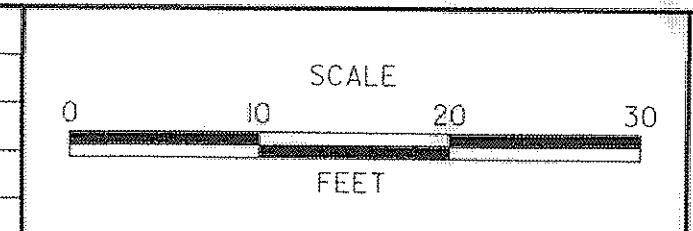
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Website
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MATCH LINE STA. 106 + 75.00

PLATE AGR 1596.VTO 8 MIDTOWN BRANDYWINE DESIGN\DESIGN\PS&E PLANS\REF\SB\MIDTOWN BRANDYWINE.DGN

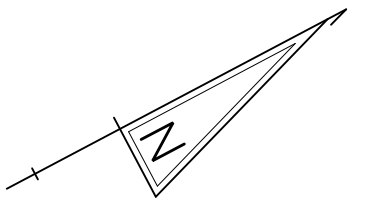
ADDENDUMS / REVISIONS



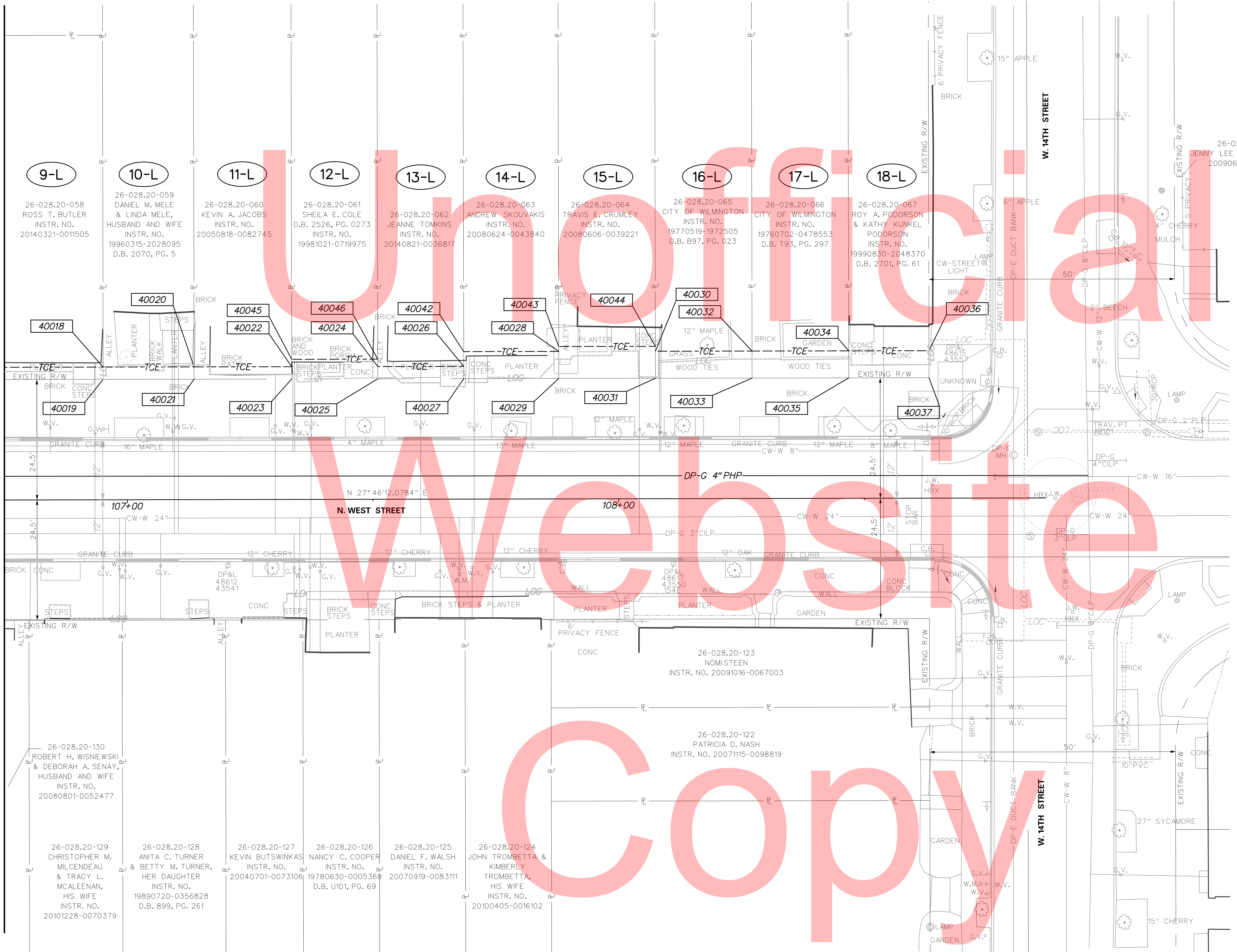
**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T201220005	DESIGNED BY: SSMG	
COUNTY	CHECKED BY: MAA	
NEW CASTLE		

RIGHT-OF-WAY PLAN



MATCH LINE STA. 106 + 75.00

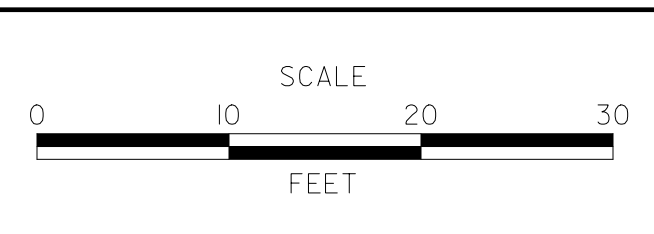


26-028.20-028
JENNY LEE PROPERTIES, INC.
20090630-0042405

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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	



MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS

CONTRACT T201220005	BRIDGE NO. NA
COUNTY NEW CASTLE	DESIGNED BY: SSMG
	CHECKED BY: MAA

RIGHT-OF-WAY PLAN

RW-02
SHEET NO. 30
TOTAL SHTS. 33

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-137	(1-R) TERESA CAPPELLI DEMAIO AND DANIEL G. DEMAIO, HUSBAND AND WIFE					TCE	INSTR. NO. 20070423-0036363	0.044			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
50000	10000	105+25.18	24.50	637192.3739	618979.7041	N 27°46'12.08" E	20.00				
50001	10000	105+45.18	24.50	637210.0704	618989.0226	S 62°13'47.92" E	2.50				
50002	10000	105+45.18	27.00	637208.9056	618991.2347	S 27°46'12.08" W	19.18				
50003	10000	105+26.00	27.00	637191.9346	618982.2983	S 62°13'47.92" E	3.00				
50008	10000	105+26.00	30.00	637190.5368	618984.9527	S 27°46'12.08" W	0.82				
50009	10000	105+25.18	30.00	637189.8113	618984.5707	N 62°13'47.92" W	5.50				
50000	10000	105+25.18	24.50	637192.3739	618979.7041						
FIGURE 1-R AREA = 52.4600 SQ. FT. (0.0012 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-136	(2-R) LORRAINE B. LING AND M. CHRISTINE MORCIGLIO					TCE	INSTR. NO. 20050215-0015350	0.042			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
50001	10000	105+45.18	24.50	637210.0704	618989.0226	N 27°46'12.08" E	19.25				
50004	10000	105+64.43	24.50	637227.1032	618997.9916	S 62°13'47.92" E	2.50				
50005	10000	105+64.43	27.00	637225.9384	619000.2037	S 27°46'12.08" W	19.25				
50002	10000	105+45.18	27.00	637208.9056	618991.2347	N 62°13'47.92" W	2.50				
50001	10000	105+45.18	24.50	637210.0704	618989.0226						
FIGURE 2-R AREA = 48.1250 SQ. FT. (0.0011 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-135	(3-R) MATTHEW P. AUSTRIA & KAREN AUSTRIA, HUSBAND AND WIFE					TCE	INSTR. NO. 20040217-0018151	0.042			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
50004	10000	105+64.43	24.50	637227.1032	618997.9916	N 27°46'12.08" E	2.99				
50006	10000	105+67.43	24.50	637229.7527	618999.3868	S 62°13'47.92" E	2.50				
50007	10000	105+67.43	27.00	637228.5879	619001.5988	S 27°46'12.08" W	2.99				
50005	10000	105+64.43	27.00	637225.9384	619000.2037	N 62°13'47.92" W	2.50				
50004	10000	105+64.43	24.50	637227.1032	618997.9916						
FIGURE 3-R AREA = 7.4858 SQ. FT. (0.0002 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-050	(1-L) HANS O. KLENK & CATHERINE C. KLENK, HUSBAND AND WIFE					TCE	INSTR. NO. 20030708-0080995	0.034			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40000	10000	105+25.18	-24.50	637215.2041	618936.3477	N 62°13'47.92" W	7.50				
40001	10000	105+25.18	-32.00	637218.6986	618929.7115	N 27°46'12.08" E	0.82				
40038	10000	105+26.00	-32.00	637219.4241	618930.0936	S 62°13'47.92" E	5.00				
40039	10000	105+26.00	-27.00	637217.0945	618934.5177	N 27°46'12.08" E	15.16				
40002	10000	105+41.16	-27.00	637230.5072	618941.5804	S 62°13'47.92" E	2.50				
40003	10000	105+41.16	-24.50	637229.3424	618943.7925	S 27°46'12.08" W	15.98				
40000	10000	105+25.18	-24.50	637215.2041	618936.3477						
FIGURE 1-L AREA = 44.0464 SQ. FT. (0.0010 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-051	(2-L) SARA C. MCDONALD					TCE	INSTR. NO. 20140617-0025199	0.033			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40003	10000	105+41.16	-24.50	637229.3424	618943.7925	N 62°13'47.92" W	2.50				
40002	10000	105+41.16	-27.00	637230.5072	618941.5804	N 27°46'12.08" E	15.71				
40004	10000	105+56.87	-27.00	637244.4078	618948.9001	S 62°13'47.92" E	2.50				
40005	10000	105+56.87	-24.50	637243.2430	618951.1122	S 27°46'12.08" W	15.71				
40003	10000	105+41.16	-24.50	637229.3424	618943.7925						
FIGURE 2-L AREA = 39.2750 SQ. FT. (0.0009 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-052	(3-L) BEVERLY MCCALLA					TCE	INSTR. NO. 20030930-0126292	0.033			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40005	10000	105+56.87	-24.50	637243.2430	618951.1122	N 62°13'47.92" W	2.50				
40004	10000	105+56.87	-27.00	637244.4078	618948.9001	N 27°46'12.08" E	15.69				
40006	10000	105+72.56	-27.00	637258.2907	618956.2105	S 62°13'47.92" E	2.50				
40007	10000	105+72.56	-24.50	637257.1259	618958.4225	S 27°46'12.08" W	15.69				
40005	10000	105+56.87	-24.50	637243.2430	618951.1122						
FIGURE 3-L AREA = 39.2250 SQ. FT. (0.0009 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-053	(4-L) CHALANDA E. JONES					TCE	INSTR. NO. 20060710-00644712	0.033			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40007	10000	105+72.56	-24.50	637257.1259	618958.4225	N 62°13'47.92" W	2.50				
40006	10000	105+72.56	-27.00	637258.2907	618956.2105	N 27°46'12.08" E	15.75				
40008	10000	105+88.31	-27.00	637272.2267	618963.5488	S 62°13'47.92" E	2.50				
40009	10000	105+88.31	-24.50	637271.0619	618965.7608	S 27°46'12.08" W	15.75				
40007	10000	105+72.56	-24.50	637257.1259	618958.4225						
FIGURE 4-L AREA = 39.3750 SQ. FT. (0.0009 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-054	(5-L) JANEVE CO., INC.					TCE	D.B. 089, PG. 929	0.034			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40009	10000	105+88.31	-24.50	637271.0619	618965.7608	N 62°13'47.92" W	5.50				
40040	10000	105+88.31	-30.00	637273.6244	618960.8943	N 27°46'12.08" E	15.86				
40010	10000	106+04.17	-30.00	637287.6618	618968.2860	S 62°13'47.92" E	5.50				
40011	10000	106+04.17	-24.50	637285.0992	618973.1525	S 27°46'12.08" W	15.86				
40009	10000	105+88.31	-24.50	637271.0619	618965.7608						
FIGURE 5-L AREA = 87.2552 SQ. FT. (0.0020 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-055	(6-L) AUSTIN C. ANDERSON JR. & GWYNOLYN ANDERSON, HUSBAND AND WIFE					TCE	D.B. 783, PG. 157	0.034			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40011	10000	106+04.17	-24.50	637285.0992	618973.1525	N 62°13'47.92" W	5.50				
40010	10000	106+04.17	-30.00	637287.6618	618968.2860	N 27°46'12.08" E	15.97				
40041	10000	106+20.14	-30.00	637301.7914	618975.7262	S 62°13'47.92" E	5.50				
40013	10000	106+20.14	-24.50	637299.2288	618980.5927	S 27°46'12.08" W	15.97				
40011	10000	106+04.17	-24.50	637285.0992	618973.1525						
FIGURE 6-L AREA = 87.8281 SQ. FT. (0.0020 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-056	(7-L) THOMAS R. EARNEST, JR.					TCE	INSTR. NO. 20121212-0073261	0.080			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40013	10000	106+20.14	-24.50	637299.2288	618980.5927	N 62°13'47.92" W	8.50				
40047	10000	106+20.14	-33.00	637303.1891	618973.0717	N 27°46'12.08" E	25.00				
40048	10000	106+45.14	-33.00	637325.3098	618984.7198	S 62°13'47.92" E	8.50				
40015	10000	106+45.14	-24.50	637321.3494	618992.2408	S 27°46'12.08" W	25.00				
40013	10000	106+20.14	-24.50	637299.2288	618980.5927						
FIGURE 7-L AREA = 212.5000 SQ. FT. (0.0049 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-057	(8-L) DANIEL L. PELHAM AND ELIZABETH E. WALKER					TCE	INSTR. NO. 20140519-0020635	0.058			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40015	10000	106+45.14	-24.50	637321.3494	618992.2408	N 62°13'47.92" W	2.50				
40014	10000	106+45.14	-27.00	637322.5142	618990.0288	N 27°46'12.08" E	25.00				
40016	10000	106+70.14	-27.00	637344.6348	619001.6768	S 62°13'47.92" E	2.50				
40017	10000	106+70.14	-24.50	637343.4700	619003.8889	S 27°46'12.08" W	25.00				
40015	10000	106+45.14	-24.50	637321.3494	618992.2408						

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-059	(10-L) DANIEL M. MELE & LINDA MELE, HUSBAND AND WIFE					TCE	D.B. 2070, PG. 5	0.038			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40019	10000	106+95.14	-24.50	637365.5907	619015.5370	N 62°13' 47.92" W	2.50				
40018	10000	106+95.14	-27.00	637366.7555	619013.3249	N 27°46' 12.08" E	18.50				
40020	10000	107+13.64	-27.00	637383.1247	619021.9445	S 62°13' 47.92" E	2.50				
40021	10000	107+13.64	-24.50	637381.9599	619024.1566	S 27°46' 12.08" W	18.50				
40019	10000	106+95.14	-24.50	637365.5907	619015.5370						
FIGURE 10-L AREA = 46.2500 SQ. FT. (0.0011 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-060	(11-L) KEVIN A. JACOBS					TCE	INSTR. NO. 20050818-0082745	0.039			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40021	10000	107+13.64	-24.50	637381.9599	619024.1566	N 62°13' 47.92" W	2.50				
40020	10000	107+13.64	-27.00	637383.1247	619021.9445	N 27°46' 12.08" E	19.88				
40022	10000	107+33.52	-27.00	637400.7106	619031.2048	S 62°13' 47.92" E	2.50				
40023	10000	107+33.52	-24.50	637399.5458	619033.4168	S 27°46' 12.08" W	19.88				
40021	10000	107+13.64	-24.50	637381.9599	619024.1566						
FIGURE 11-L AREA = 49.6875 SQ. FT. (0.0011 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-061	(12-L) SHEILA E. COLE					TCE	D.B. 2526, PG. 0273	0.034			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40023	10000	107+33.52	-24.50	637399.5458	619033.4168	N 62°13' 47.92" W	4.00				
40045	10000	107+33.52	-28.50	637401.4095	619029.8775	N 27°46' 12.08" E	17.50				
40046	10000	107+51.02	-28.50	637416.8939	619038.0312	S 62°13' 47.92" E	4.00				
40025	10000	107+51.02	-24.50	637415.0302	619041.5705	S 27°46' 12.08" W	17.50				
40023	10000	107+33.52	-24.50	637399.5458	619033.4168						
FIGURE 12-L AREA = 70.0000 SQ. FT. (0.0016 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-062	(13-L) JEANNE TOMKINS					TCE	INSTR. NO. 20140821-0036817	0.034			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40025	10000	107+51.02	-24.50	637415.0302	619041.5705	N 62°13' 47.92" W	2.50				
40024	10000	107+51.02	-27.00	637416.1950	619039.3584	N 27°46' 12.08" E	17.50				
40026	10000	107+68.52	-27.00	637431.6795	619047.5121	S 62°13' 47.92" E	2.50				
40027	10000	107+68.52	-24.50	637430.5147	619049.7242	S 27°46' 12.08" W	17.50				
40025	10000	107+51.02	-24.50	637415.0302	619041.5705						
FIGURE 13-L AREA = 43.7500 SQ. FT. (0.0010 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-063	(14-L) ANDREW SKOUVAKIS					TCE	INSTR. NO. 20080624-0043840	0.036			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40027	10000	107+68.52	-24.50	637430.5147	619049.7242	N 62°13' 47.92" W	5.50				
40042	10000	107+68.52	-30.00	637433.0773	619044.8576	N 27°46' 12.08" E	19.33				
40028	10000	107+87.85	-30.00	637450.1809	619053.8639	S 62°13' 48.39" E	5.50				
40029	10000	107+87.85	-24.50	637447.6184	619058.7305	S 27°46' 11.94" W	19.33				
40027	10000	107+68.52	-24.50	637430.5147	619049.7242						
FIGURE 14-L AREA = 106.3149 SQ. FT. (0.0024 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-064	(15-L) TRAVIS E. CRUMLEY					TCE	INSTR. NO. 20080606-0039221	0.036			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40029	10000	107+87.85	-24.50	637447.6183	619058.7305	N 62°13' 47.92" W	6.50				
40043	10000	107+87.85	-31.00	637450.6468	619052.9791	N 27°46' 12.08" E	19.67				
40044	10000	108+07.51	-31.00	637468.0483	619062.1422	S 62°13' 47.92" E	6.50				
40031	10000	108+07.51	-24.50	637465.0198	619067.8936	S 27°46' 12.08" W	19.67				
40029	10000	107+87.85	-24.50	637447.6183	619058.7305						
FIGURE 15-L AREA = 127.8329 SQ. FT. (0.0029 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-065	(16-L) CITY OF WILMINGTON					TCE	D.B. B97, PG. 023	0.036			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40031	10000	108+07.51	-24.50	637465.0198	619067.8936	N 62°13' 47.92" W	5.50				
40030	10000	108+07.51	-30.00	637467.5824	619063.0271	N 27°46' 12.08" E	19.67				
40032	10000	108+27.18	-30.00	637484.9839	619072.1902	S 62°13' 47.92" E	5.50				
40033	10000	108+27.18	-24.50	637482.4213	619077.0567	S 27°46' 12.08" W	19.67				
40031	10000	108+07.51	-24.50	637465.0198	619067.8936						
FIGURE 16-L AREA = 108.1663 SQ. FT. (0.0025 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-066	(17-L) CITY OF WILMINGTON					TCE	D.B. T93, PG. 297	0.036			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40033	10000	108+27.18	-24.50	637482.4213	619077.0567	N 62°13' 47.92" W	5.50				
40032	10000	108+27.18	-30.00	637484.9839	619072.1902	N 27°46' 12.08" E	19.67				
40034	10000	108+46.85	-30.00	637502.3854	619081.3533	S 62°13' 47.92" E	5.50				
40035	10000	108+46.85	-24.50	637499.8228	619086.2199	S 27°46' 12.08" W	19.67				
40033	10000	108+27.18	-24.50	637482.4213	619077.0567						
FIGURE 17-L AREA = 108.1663 SQ. FT. (0.0025 ACRES)											

ASSESSMENT NUMBER	OWNERSHIP OF RECORD					TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)			
26-028.20-067	(18-L) ROY A. PODORSON & KATHY KUNKEL PODORSON					TCE	D.B. 2701, PG. 61	0.030			
ALIGNMENT NUMBER & DESCRIPTION: 10000 - N. WEST STREET											
PT. NO.	ALIGN. NO.	STATION	OFFSET *	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS **
40035	10000	108+46.85	-24.50	637499.8228	619086.2199	N 62°13' 47.92" W	5.50				
40034	10000	108+46.85	-30.00	637502.3854	619081.3533	N 27°46' 12.08" E	16.33				
40036	10000	108+63.18	-30.00	637516.8375	619088.9634	S 62°13' 47.92" E	5.50				
40037	10000	108+63.18	-24.50	637514.2749	619093.8299	S 27°46' 12.08" W	16.33				
40035	10000	108+46.85	-24.50	637499.8228	619086.2199						
FIGURE 18-L AREA = 89.8332 SQ. FT. (0.0021 ACRES)											

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ADDENDUMS / REVISIONS

NOT TO SCALE

**MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T201220005	DESIGNED BY: SSMG	
COUNTY	CHECKED BY: MAA	
NEW CASTLE		

**RIGHT-OF-WAY
DATA SHEET**

RW-04
SHEET NO.
32
TOTAL SHTS.
33

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

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)	AREA OCCUPIED BY EXISTING RIGHT OF WAY (SQ. FEET /ACRES)	EASEMENT				
								PERMANENT (SQ. FEET /ACRES)				TEMPORARY (SQ. FEET /ACRES)
26-028.20-137	29	(1-R) TERESA CAPPELLI DEMAIO AND DANIEL G. DEMAIO	INSTR. NO. 20070423-0036363	C - 0.04	TCE			52.46 / 0.00	1901.6667 / 0.04			
26-028.20-136	29	(2-R) LORRAINE B. LING AND M. CHRISTINE MORCIGLIO	INSTR. NO. 20050215-0015350	C - 0.04	TCE			48.125 / 0.00	1830.3542 / 0.04			
26-028.20-135	29	(3-R) MATTHEW P. AUSTRIA & KAREN AUSTRIA	INSTR. NO. 20040217-0018151	C - 0.04	TCE			7.4858 / 0.00	1830.3542 / 0.04			
26-028.20-050	29	(1-L) HANS O. KLENK & CATHERINE C. KLENK	INSTR. NO. 20030708-0080995	C - 0.03	TCE			44.0464 / 0.00	1470.0282 / 0.03			
26-028.20-051	29	(2-L) CHRISTOPHER W. JAMES	INSTR. NO. 20050322-0027321	C - 0.03	TCE			39.275 / 0.00	1445.32 / 0.03			
26-028.20-052	29	(3-L) BEVERLY MCCALLA	INSTR. NO. 20030930-0126292	C - 0.03	TCE			39.225 / 0.00	1443.48 / 0.03			
26-028.20-053	29	(4-L) CHALANDA E. JONES	INSTR. NO. 20060710-0064712	C - 0.03	TCE			39.375 / 0.00	1449.00 / 0.03			
26-028.20-054	29	(5-L) JANEVE CO., INC.	D.B. 089, PG. 929	C - 0.03	TCE			87.2552 / 0.00	1459.5416 / 0.03			
26-028.20-055	29	(6-L) AUSTIN C. ANDERSON JR. & GWEDNOLYN ANDERSON	D.B. 783, PG. 157	C - 0.03	TCE			87.8281 / 0.00	1469.125 / 0.03			
26-028.20-056	29	(7-L) THOMAS R. EARNEST, JR.	INSTR. NO. 20121212-007326	C - 0.08	TCE			212.50 / 0.00	3500.00 / 0.08			
26-028.20-057	29	(8-L) ANDREW S. DUPRE AND ERIN A. DUPRE	INSTR. NO. 20090409-0020904	C - 0.06	TCE			62.50 / 0.00	2517.00 / 0.06			
26-028.20-058	29-30	(9-L) HJK PROPERTIES, LLC	INSTR. NO. 20051212-0127974	C - 0.04	TCE			62.50 / 0.00	1750.00 / 0.04			
26-028.20-059	30	(10-L) DANIEL M. MELE & LINDA MELE	D.B. 2070, PG. 5	C - 0.04	TCE			46.25 / 0.00	1662.50 / 0.04			
26-028.20-060	30	(11-L) KEVIN A. JACOBS	INSTR. NO. 20050818-0082745	C - 0.04	TCE			49.6875 / 0.00	1689.375 / 0.04			
26-028.20-061	30	(12-L) SHEILA E. COLE	D.B. 2526, PG. 0273	C - 0.03	TCE			70.00 / 0.00	1487.50 / 0.03			
26-028.20-062	30	(13-L) JEANNE TOMKINS	INSTR. NO. 20140821-0036817	C - 0.03	TCE			43.75 / 0.00	1487.50 / 0.03			
26-028.20-063	30	(14-L) ANDREW SKOUVAKIS	INSTR. NO. 20080624-0043840	C - 0.04	TCE			106.3149 / 0.00	1546.40 / 0.04			
26-028.20-064	30	(15-L) TRAVIS E. CRUMLEY	INSTR. NO. 20080606-0039221	C - 0.04	TCE			127.8329 / 0.00	1573.328 / 0.04			
26-028.20-065	30	(16-L) CITY OF WILMINGTON	D.B. B97, PG. 023	C - 0.04	TCE			108.1663 / 0.00	1573.328 / 0.04			
26-028.20-066	30	(17-L) CITY OF WILMINGTON	D.B. T93, PG. 297	C - 0.04	TCE			108.1663 / 0.00	1573.328 / 0.04			
26-028.20-067	30	(18-L) ROY A. PODORSON & KATHY KUNKEL PODORSON	D.B. 2701, PG. 61	C - 0.03	TCE			89.8332 / 0.00	1306.664 / 0.03			

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

Copy

LEGEND
 FEE AREA OF ACQUISITION
 RW AREA OCCUPIED BY EXISTING R/W
 PE PERMANENT EASEMENT
 TCE TEMPORARY CONSTRUCTION EASEMENT
 * " - " OFFSET IS LEFT OF BASELINE
 ** " - " CURVE TURNS TO THE LEFT

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ADDENDUMS / REVISIONS

NOT TO SCALE

MIDTOWN BRANDYWINE
STREETSCAPE
IMPROVEMENTS

CONTRACT
T201220005
BRIDGE NO. N/A
DESIGNED BY: SSMG
COUNTY
NEW CASTLE
CHECKED BY: MAA

RIGHT-OF-WAY
TABULATION SHEET

RW-05
SHEET NO. 33
TOTAL SHTS. 33