

BOROUGH OF HIGHLANDS

MONMOUTH COUNTY, NEW JERSEY

= CONTRACT DRAWINGS =

IMPROVEMENTS TO GERTRUDE EDERLE PARK

JANUARY 2022
Contract No. HHI00204.01

CAROLYN BROULLON, MAYOR

BOROUGH COUNCIL

JO-ANNE OLSZEWSKI
LEO CERVANTES
KAREN CHELAK
DONALD MELNYK

COUNCIL PRESIDENT
COUNCIL MEMBER
COUNCIL MEMBER
COUNCIL MEMBER

MICHAEL MUSCILLO
NANCY TRAN
SPENCER CARPENTER
BRIAN J. CHABAREK, ESQ.

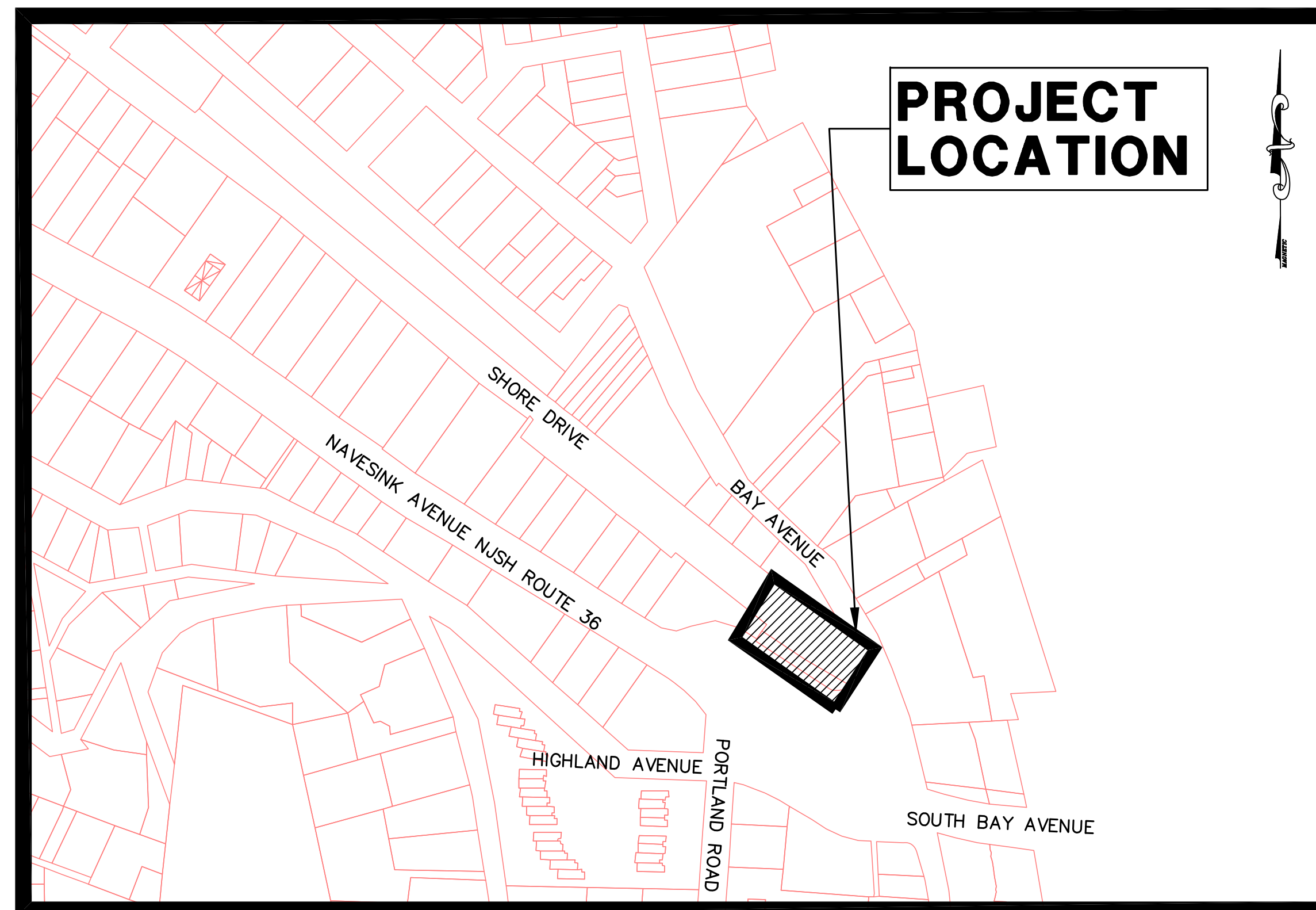
BOROUGH ADMINISTRATOR
ACTING BOROUGH CLERK
DPW SUPERINTENDENT
BOROUGH ATTORNEY

UTILITY AND GOVERNING AGENCIES CONTACT LIST:

NEW JERSEY AMERICAN WATER ATTN: MARK ASCHETTINO 661 SHREWSBURY AVENUE SHREWSBURY, NJ 07702 (732) 933-5903	CABLEVISION OF MONMOUTH ATTN: PAUL R. KOSTYZ 40 PINE STREET TINTON FALLS, NJ 07753 (732) 922-6700x3285
HIGHLANDS BOROUGH SEWER DEPT. ATTN: JORGI CRAIG 42 SHORE DRIVE HIGHLANDS, NJ 07732 (732) 872-1224x204	VERIZON ATTN: BILL HIGGINS 175 W. MAIN STREET FREEHOLD, NJ 07728 (732) 683-5180
JERSEY CENTRAL POWER AND LIGHT 101 CRAWFORDS CORNER ROAD BUILDING 1, SUITE 1-511 HOLMDEL, NJ 07733 (732) 212-4246	HIGHLANDS BOROUGH DPW ATTN: SPENCER CARPENTER 42 SHORE DRIVE HIGHLANDS, NJ 07732 (732) 872-1224x250
NEW JERSEY NATURAL GAS COMPANY ATTN: KENNY CHEN 1415 WYCKOFF ROAD WALL, NJ 07719 (732) 919-8254	HIGHLANDS BOROUGH POLICE DEPARTMENT ATTN: PTL MATTHEW CHESEK, TRAFFIC SAFETY UNIT 27 SHORE DRIVE HIGHLANDS, NJ 07732 (732) 872-1158x248
COUNTY OF MONMOUTH DIVISION OF ENGINEERING ATTN: JOSEPH M. ETTORE, PE HALL OF RECORDS ANNEX FREEHOLD, NJ 07728 (732) 431-7765	NEW JERSEY DEPT. OF TRANSPORTATION LOCAL AID DISTRICT 3 ATTN: TREMAINE WARD 1035 PARKWAY AVENUE PO BOX 600 TRENTON, NJ 08625 (609) 530-5271

ONE CALL SYSTEM
(800)-272-1000

LOCATION OF UTILITIES SHOWN ON THE PLANS ARE PLOTTED FROM AVAILABLE DATA ON FILE WITH THE UTILITY COMPANIES AND ARE NOT WARRANTED AS TO EXACTNESS. CONTRACTOR IS TO DETERMINE EXACT LOCATION AND DEPTH OF UTILITIES AT ALL CROSSINGS PRIOR TO CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.




LOCATION MAP

SCALE: 1" = 200'

NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS
 FOR ROAD AND BRIDGE CONSTRUCTION OF 2019 WITH AMENDMENTS THERETO GOVERN

INDEX OF SHEETS		
SHEET No.	DESCRIPTION	LAST REVISED
1	COVER AND INDEX SHEET	---
2	LEGEND AND GENERAL NOTES	---
3	CONSTRUCTION PLAN	---
4	CONSTRUCTION DETAILS	---
5	TRAFFIC CONTROL PLAN	---

<small>No.</small>	<small>DESCRIPTION OF REVISION</small>	<small>DATE</small>	<small>DRAWN</small>	<small>CHECKED</small>
BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NEW JERSEY IMPROVEMENTS TO GERTRUDE EDERLE PARK COVER SHEET				
 CME ASSOCIATES CONSULTING AND MUNICIPAL ENGINEERS <small>341 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 1460 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-1114</small>				
<small>JOHN H. ALLGAR, P.E., P.P.</small> <small>(1983 - 2001)</small>	<small>DAVID J. SAMUEL, P.E., P.P.</small> <small>NU P.E. LIC. NO. 25838</small>	<small>JOHN J. STEFANI, P.E., L.S. & P.P.</small> <small>NU P.E. LIC. NO. 2465</small>	<small>GREGORY R. VALES, P.E., P.P.</small> <small>NU P.E. LIC. NO. 24671</small>	<small>NU P.P. LIC. NO. 2089</small>
<small>JAY B. CORNELL, P.E., P.P.</small> <small>NU P.E. LIC. NO. 32982</small>	<small>MICHAEL J. MCCLELLAND, P.E., P.P.</small> <small>NU P.E. LIC. NO. 33458</small>	<small>GREGORY R. VALES, P.E., P.P.</small> <small>NU P.E. LIC. NO. 34458</small>	<small>GREGORY R. VALES, P.E., P.P.</small> <small>NU P.P. LIC. NO. 3370</small>	<small>NU P.P. LIC. NO. 4361</small>
GREGORY R. VALES, P.E., P.P.		<small>SCALE</small> AS SHOWN	<small>DRAWN BY</small> PMK	<small>CHECKED BY</small> BAM
<small>DESIGNED BY</small>		<small>DATE</small> 01/28/2022	<small>SHEET</small> 1 OF 5	<small>THE NO.</small> HHI00204.01
<small>NEW JERSEY PROFESSIONAL ENGINEER N.J. LIC. 34458</small>				

PROJECT CONSTRUCTION NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY FOR CONSTRUCTION IN ACCORDANCE WITH EXISTING LOCAL, COUNTY OR STATE REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION IN THESE MATTERS.
- THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY ALL DIMENSIONS AND DETAILS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
- ALL REGRADED AREAS AT THE SITE WHICH ARE NOT DESIGNATED AS PAVED OR GRAVEL AREAS SHALL BE TOPSOILED AND SEED AND SHALL BE STABILIZED IN ACCORDANCE WITH STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY AND THE CONTRACT SPECIFICATIONS.
- ALL GRADING OPERATIONS SHALL PROVIDE FOR POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND STRUCTURES AND SHALL ELIMINATE PONDING AREAS.
- INFORMATION AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN COLLECTED FROM VARIOUS SOURCES. THE RESULT OF SUCH INVESTIGATIONS ARE SHOWN ON THE CONTRACT DRAWINGS AND ARE NOT GUARANTEED AS TO ACCURACY. THE CONTRACTOR IS PARTICULARLY DIRECTED TO THE FACT THAT UNDERGROUND OBJECTS OR MATERIAL LOCATION ELEVATION, OR TYPE IS NOT WARRANTED TO BE APPROXIMATELY CORRECT (NOR CAN THEY BE ASSUMED TO BE THE ONLY SUBSURFACE OBJECTS OR MATERIAL WHICH MAY BE ENCOUNTERED IN THE WORK). THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO SATISFY HIMSELF AS TO THE EXISTING CONDITIONS PRIOR TO BIDDING WORK.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE LOCATION OF THE UTILITIES WITH THE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- THE COORDINATION OF THE LOCATION OR RELOCATION WHERE REQUIRED OF TELEPHONE, ELECTRIC, GAS, AND WATER FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR AND SAME SHALL BE COORDINATED TO INSURE COMPLETION WITHIN THE TIME PERMITTED.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN MEANS OF SAFE INGRESS AND EGRESS TO RESIDENTS THROUGHOUT THE COURSE OF THE WORK AND TO PROVIDE FOR THE SAFE MAINTENANCE AND PROTECTION OF TRAFFIC.
- THE CONTRACTOR'S LICENSED LAND SURVEYOR SHALL PROVIDE THE CONSTRUCTION STAKEOUT FOR THE PROJECT.
- THE CONTRACTOR WILL NOT BE PERMITTED TO STOCKPILE EXCAVATED MATERIALS OVER EXISTING UTILITY LINES. THE STOCKPILED MATERIALS SHOULD BE PLACED SUFFICIENTLY AWAY FROM THE EDGE OF ANY EXCAVATION TO PREVENT CAVING OF THE TRENCH WALL AND TO PERMIT SAFE ACCESS ALONG THE TRENCH. WITH SHEETED TRENCHES, A MINIMUM OF FIVE (5) FEET FROM THE EDGE OF THE SHEETING TO TOE OF SPOIL BANK MUST BE MAINTAINED.
- THE CONTRACTOR IS HEREBY ADVISED THAT PERMITS FROM VARIOUS AGENCIES HAVE BEEN OBTAINED FOR THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH THE CONSTRUCTION, TRAFFIC PROTECTION, SAFETY AND NOTIFICATION PROVISIONS OF THESE PERMITS.
- THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO PRECLUDE DAMAGE TO EXISTING STRUCTURES, FACILITIES, AND UTILITIES DUE TO LOSS OF LATERAL SUPPORT AND/OR CONSTRUCTION LOADINGS. SPECIFIC DETAILS NECESSARY TO ACCOMPLISH SAME SHALL BE SUBMITTED BY THE CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION OF SUBSURFACE IMPROVEMENTS.
- ALL WORK BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE NEW JERSEY STATUTE KNOWN AS CHAPTER 249 OF THE LAWS OF 1948, BEING SECTIONS 34-6-47.1 TO 47.9, INCLUSIVE OF THE REVISED STATUTES OF NEW JERSEY, 1937, AND IN ACCORDANCE WITH THE RULES AND REGULATIONS CONCERNING PRECAUTIONS TO BE TAKEN IN THE PROXIMITY OF HIGH-VOLTAGE LINES FOR THE PREVENTION OF ACCIDENTS PROMULGATED BY THE COMMISSIONER OF THE DEPARTMENT OF LABOR AND INDUSTRY OF THE STATE OF NEW JERSEY, EFFECTIVE DECEMBER 28, 1948, ALL AS AMENDED AND SUPPLEMENTED, AND IN ACCORDANCE WITH THE PROVISIONS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND OF SUBPART N, PARAGRAPH 1926.550 OF THE RULES AND REGULATIONS ISSUED UNDER SAID ACT.
- THE CONTRACTOR IS HEREBY ADVISED THAT ALL WORK TO BE PERFORMED SHALL BE GOVERNED BY THE LOCAL MUNICIPAL ORDINANCES. THIS SHALL INCLUDE THE PROVISIONS IN THEIR CODES WHICH SET FORTH PERMITTED HOURS OF CONSTRUCTION WITHIN THE MUNICIPALITY.
- THE CONTRACTOR IS ADVISED THAT THEY ARE RESPONSIBLE TO PAY FOR, ACQUIRE AND COMPLY WITH ANY ROAD OPENING PERMITS IF REQUIRED IN CONJUNCTION WITH THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL COMPLY WITH THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES BY THE U.S.D.O.T.
- THE CONTRACTOR IS ADVISED THAT HE MUST MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES AND MUST COMPLETELY BACKFILL ALL TRENCHES PRIOR TO NON-DAYLIGHT HOURS.
- IN ORDER TO MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION, THE CONTRACTOR MAY FIND IT NECESSARY TO UTILIZE STEEL PLATES OVER TRENCHES AT NO ADDITIONAL COST TO THE OWNER.
- WHEN DISTURBING, REMOVING AND/OR DISPOSING OF ASBESTOS CEMENT PIPE, THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO: CURRENT USEPA REGULATIONS (NESHAP, 40 CFR 61 SUBPART M); OSHA REGULATIONS (29 CFR 1926.58); THE CURRENT NEW JERSEY ASBESTOS HAZARD ABATEMENT SUBCODE (N.J.A.C. 5:23-8); THE CURRENT NUDEPE REGULATIONS (N.J.A.C. 7:26-1 ET. SEQ.); AND NOTIFICATION REGULATIONS (N.J.A.C. 5:23-8.6, 40 CFR 61 SUBPART M, AND N.J.A.C. 7:26-2.12).
- THE FREEHOLD SOIL CONSERVATION DISTRICT GOVERNS SOIL EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE PROJECT AREA. ACCORDINGLY, ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AS PER THE REQUIREMENTS OF THE FREEHOLD SOIL CONSERVATION DISTRICT AND AS DIRECTED BY THE ENGINEER.
- AT CERTAIN TIMES THE SITE MAY BE OCCUPIED BY SEVERAL CONTRACTORS AND IT IS THEREFORE REQUIRED FOR ANY AND ALL CONTRACTORS OCCUPYING THE SITE TO COOPERATE WITH ONE ANOTHER. NO DELAYS RESULTING FROM MULTIPLE CONTRACTORS WORKING ON THE SITE WILL BE CONSIDERED.
- THE CONTRACTOR SHALL CONTINUOUSLY DEWATER ALL EXCAVATIONS UNTIL BACKFILLING OPERATIONS HAVE BEEN COMPLETED. PRIOR TO DISCHARGE TO STREAMS, SILT SHALL BE SETTLED OUT IN AN APPROVED SETTLING BASIN.
- THE CONTRACTOR SHALL MAINTAIN THE FLOW OF ALL STREAMS, DRAINAGE DITCHES, STORM SEWERS AND SANITARY SEWERS AT ALL TIMES BY A MEANS ACCEPTABLE TO THE ENGINEER AND ALL THE RESPONSIBLE AGENCIES.
- THE CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICE FLOWS AND PRESSURES UNLESS WRITTEN APPROVAL BY THE RESPONSIBLE UTILITY PERMITS HIM TO DO OTHERWISE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STATE OF NEW JERSEY WORKER HEALTH AND SAFETY ACT (N.J.A.C. 12:110 ET. SEQ.) AS AMENDED AND THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) (29 CFR 1910), AS AMENDED WITH REGARDS TO WORKER AND JOBSITE SAFETY.
- ALL MAILBOXES REQUIRING RELOCATION SHALL BE DONE SO IN ACCORDANCE WITH LOCAL POSTAL AUTHORITY REGULATIONS.
- ALL MAILBOXES REQUIRING RELOCATION SHALL BE INCLUDED IN THE BID ITEM "CLEARING SITE".
- TREES SHALL BE PLANTED IF AND WHERE DIRECTED BY THE ENGINEER.

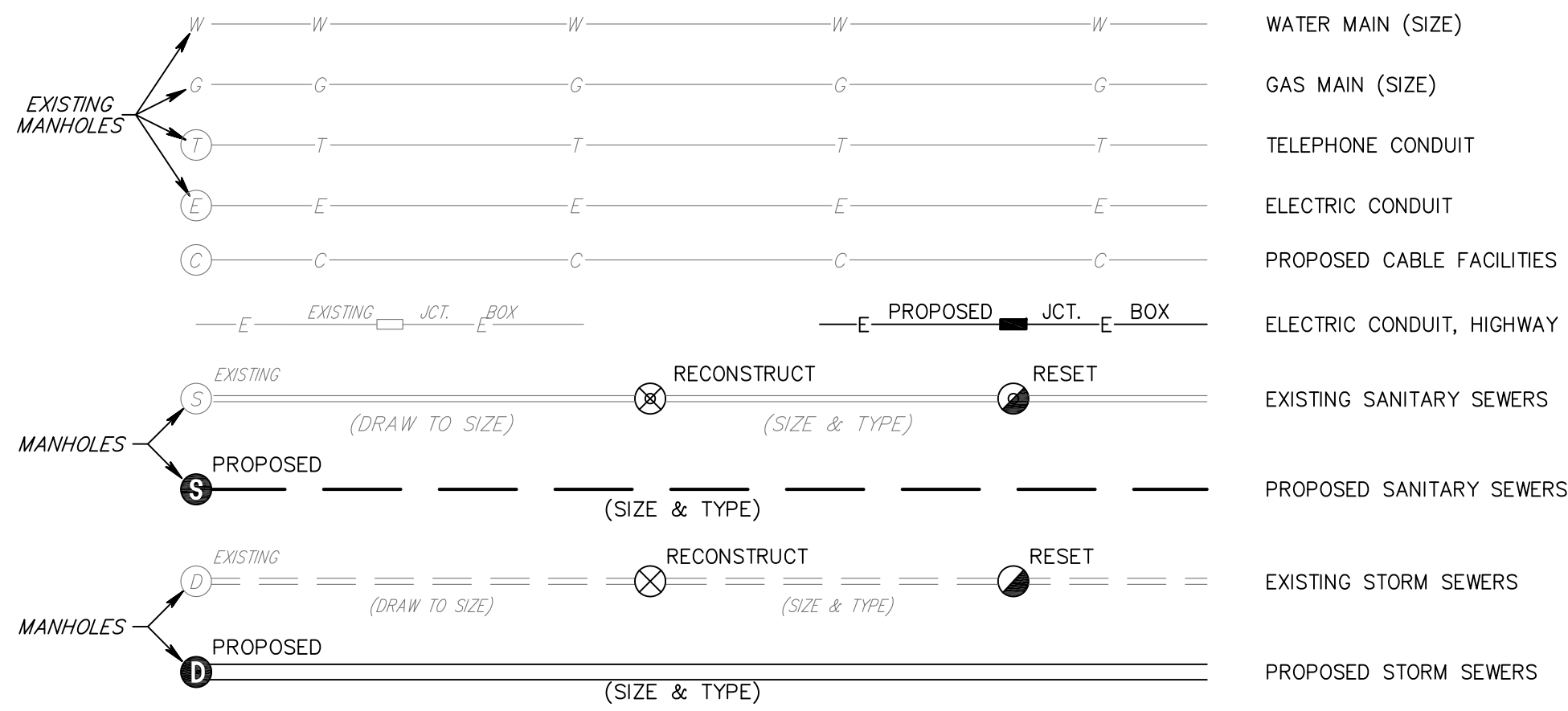
PAVEMENT STRIPING LEGEND

UNLESS OTHERWISE NOTED, PAVEMENT STRIPING SHALL CONFORM TO THE FOLLOWING:

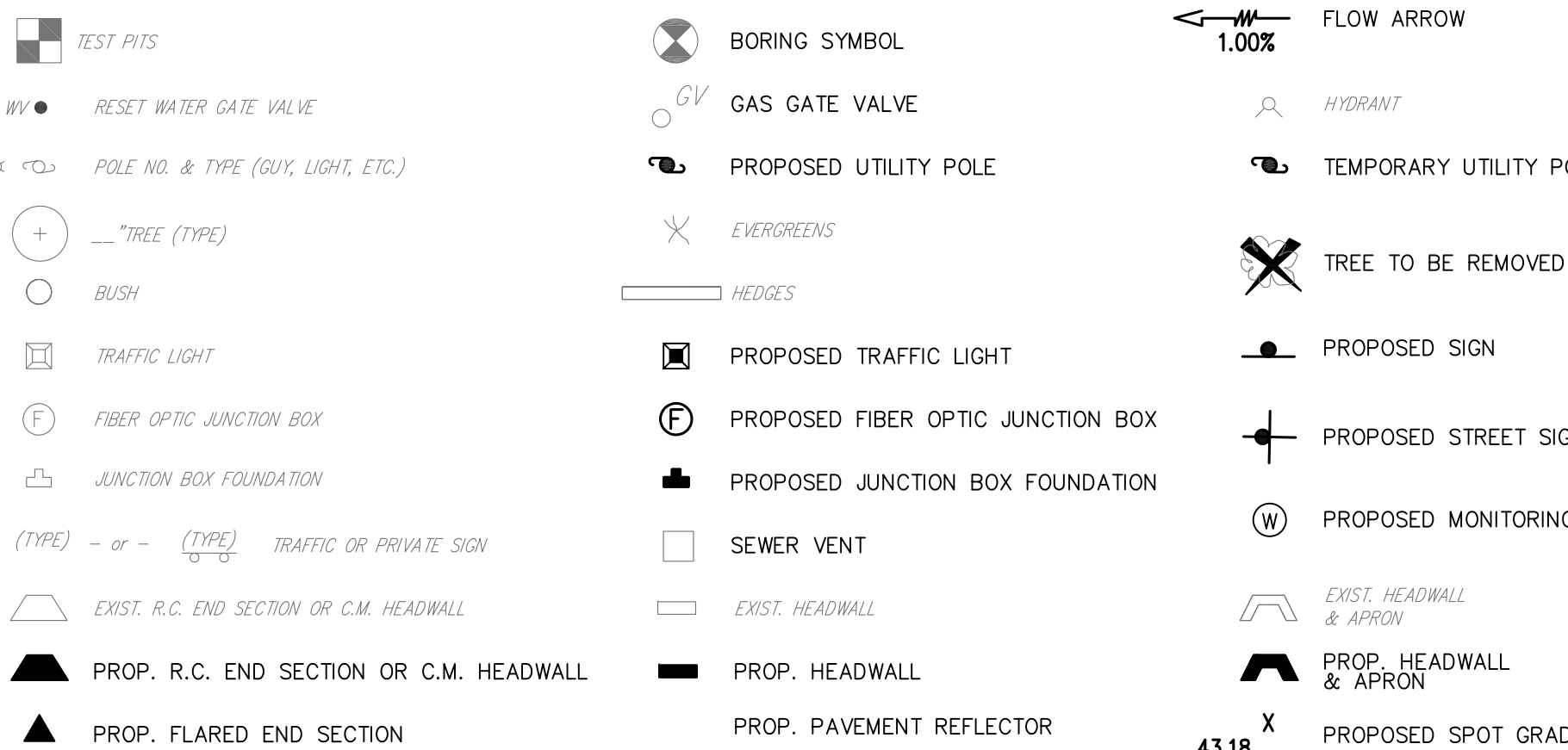
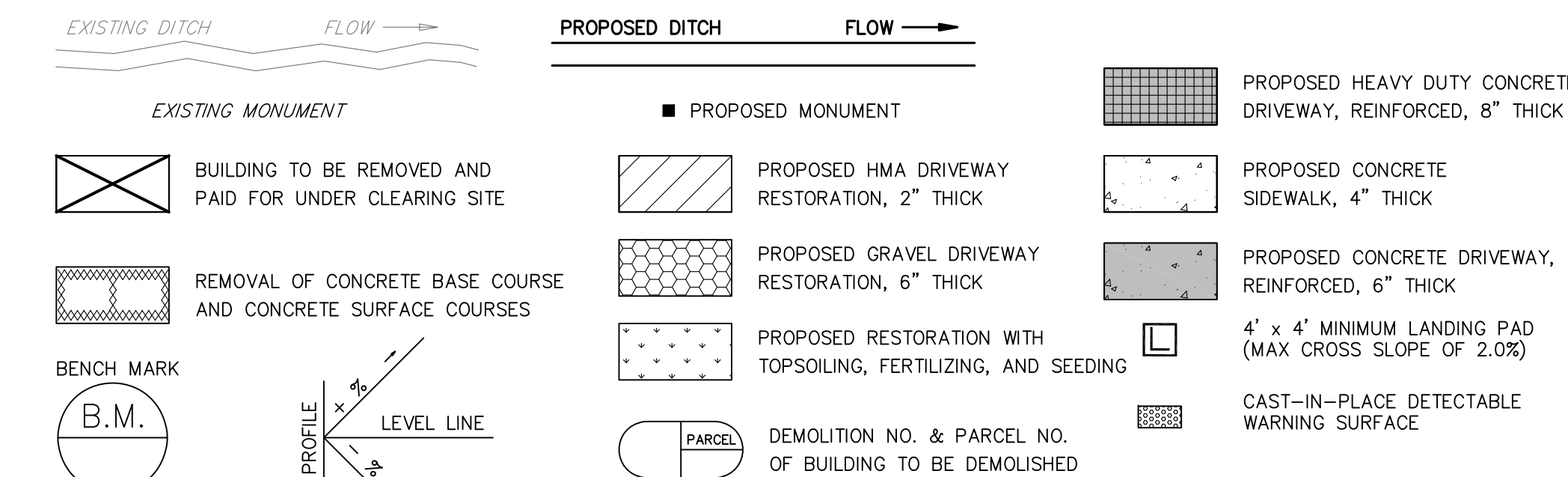
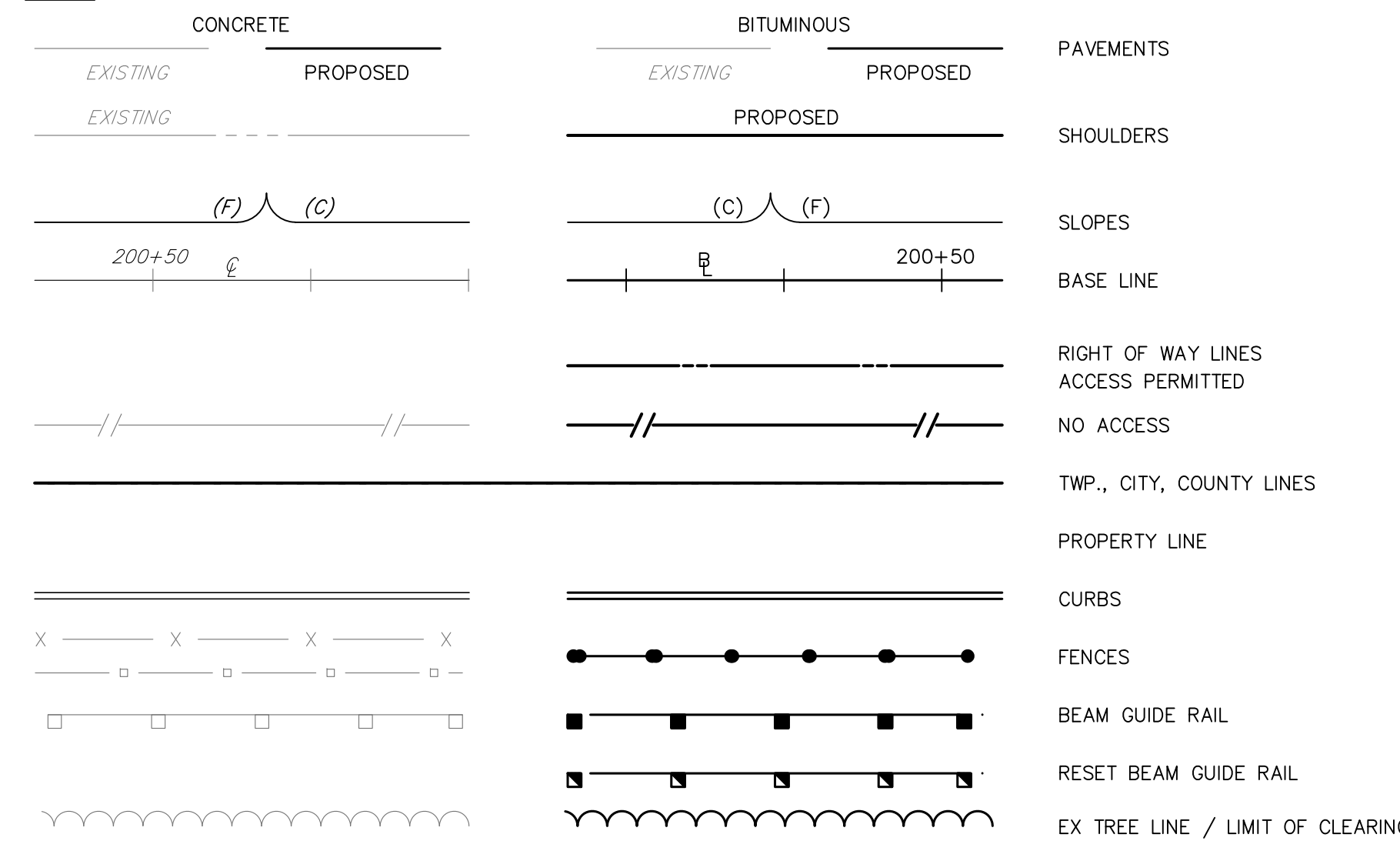
PAVEMENT STRIPING	MATERIAL	DESCRIPTION	LEGEND
STOP LINE	THERMOPLASTIC	24" WIDE WHITE	SL
CENTER LINE	EPOXY RESIN	2-4" WIDE YELLOW SEPARATED 6"	CL
DASHED LANE LINE	EPOXY RESIN	4" WIDE WHITE, 10' LONG, 30' INTERVAL SPACING	DL
DOTTED LANE LINE	EPOXY RESIN	4" WIDE WHITE, 2' LONG, 4' INTERVAL SPACING	DLL
EDGE LINE	EPOXY RESIN	4" WIDE WHITE	EL
SOLID LANE LINE	EPOXY RESIN	8" WIDE WHITE	SLL
CROSSWALK LINE	THERMOPLASTIC	6" WIDE @ 6' SPACING	CWL
CROSS HATCH LINE	EPOXY RESIN	24" WIDE YELLOW @ 45', 12' INTERVAL SPACING	CHL

NEW JERSEY DEPARTMENT OF TRANSPORTATION

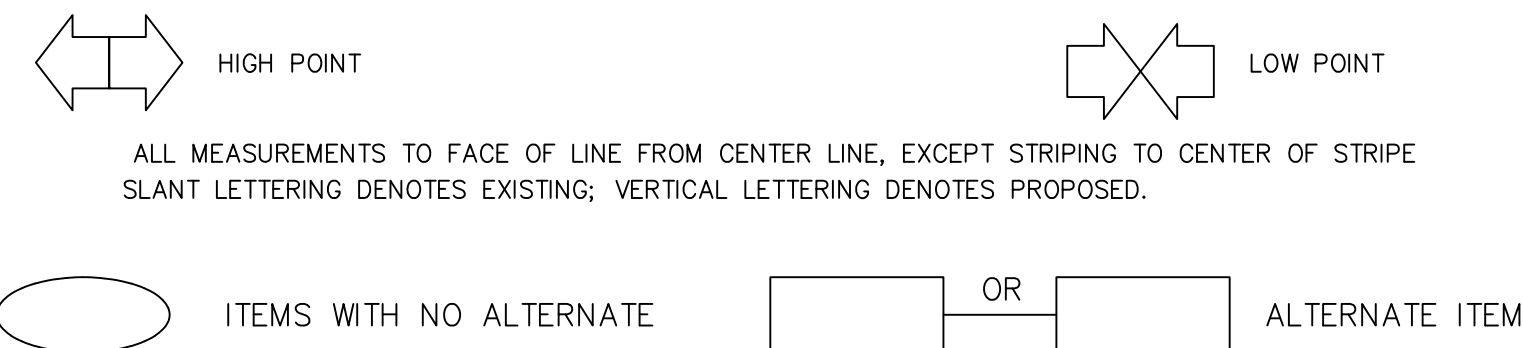
STANDARD LEGEND



NOTE: CURB PIECES FOR INLET, TYPE B ARE 8" UNLESS OTHERWISE INDICATED

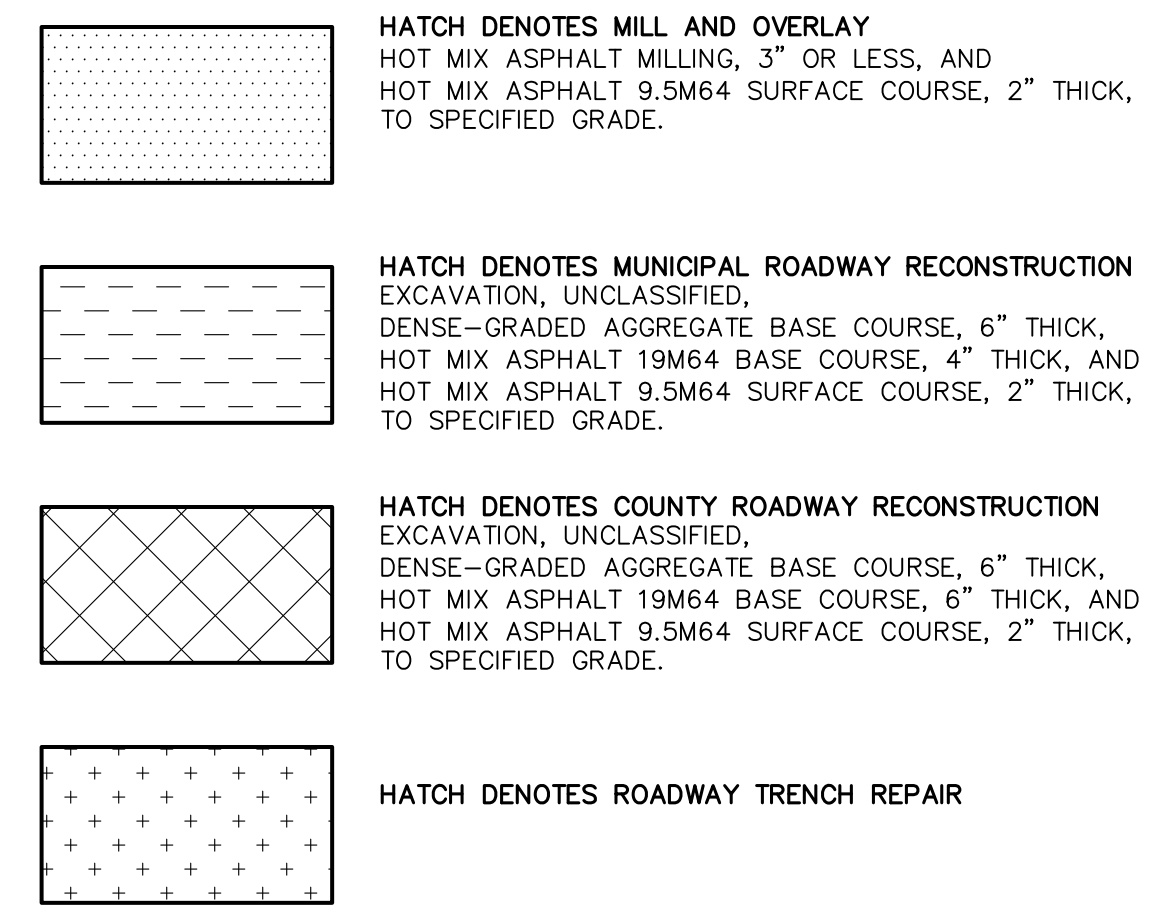


NORTH POINT TO BE USED ON STANDARD CONSTRUCTION SHEETS WHERE BEARINGS REFER TO N. J. PLANE COORDINATE SYSTEM (NAD 83)



- ALL MEASUREMENTS TO FACE OF LINE FROM CENTER LINE, EXCEPT STRIPING TO CENTER OF STRIPE. SLANT LETTERING DENOTES EXISTING; VERTICAL LETTERING DENOTES PROPOSED.
- DOUBLE REFERENCE CODES**
- | | |
|---|--|
| C - CONSTRUCTION PLANS | TSS - TRAFFIC STRIPING AND SIGNING PLANS |
| E - ELECTRICAL PLANS | X - CROSS SECTIONS |
| G - GRADING PLANS | TC - TRAFFIC CONTROL/STAGING PLANS |
| T - TIES | P - PROFILES |
| L - LANDSCAPE PLANS | B - BRIDGE PLANS |
| D & EP - DRAINAGE AND ENVIRONMENTAL PLANS | S - SIGN PLANS |

PAVEMENT SURFACE LEGEND



SPECIAL PROVISIONS
THE CONTRACTOR IS SPECIFICALLY DIRECTED TO THE REQUIREMENTS CONTAINED IN THE SPECIAL PROVISIONS SECTION OF THE CONTRACT SPECIFICATIONS.

No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED

BOROUGH OF HIGHLANDS,
MONMOUTH COUNTY, NEW JERSEY

IMPROVEMENTS TO GERTRUDE EDERLE PARK

LEGEND AND GENERAL NOTES

GREGORY R. VALES, P.E., P.P.

JOHN H. ALLGAR, P.E., P.P. N.J. LIC. NO. 2588	DAVID J. SAMUEL, P.E., P.P. N.J. LIC. NO. 2465	JOHN J. STEFANI, P.E., L.S. & P.P. N.J. LIC. NO. 24271
JAY B. CORNELL, P.E., P.P. N.J. LIC. NO. 32962	MICHAEL J. MCCLELLAND, P.E., P.P. N.J. LIC. NO. 33458	GREGORY R. VALES, P.E., P.P. N.J. LIC. NO. 34458

GREGORY R. VALES, P.E., P.P.

DESIGNED BY NTS	DRAWN BY PMK
CHECKED BY DEP	CHECKED BY BAM
DATE 01/28/2022	SHEET 2 OF 5

NEW JERSEY PROFESSIONAL ENGINEER N.J. LIC. 34458

N/F 15 BAY AVE LTD
 #15 BAY AVENUE
 BLOCK 38.01
 LOT 12

BAY AVENUE
 (VARIABLE WIDTH ROW - TM)

BENCHMARK
 MAG SET/GPS#1
 EL 12.66
 N 570063.9657
 E 636473.5896
 (NAD83/NAVD88)

SHORE DRIVE
 (VARIABLE WIDTH ROW - TM)

CONSTRUCT (TYP.):
 2 UN FURNISH AND INSTALL WASTE RECEPTACLE (INCLUDING LID AND LINER)

N/F LEE, RAFAELLA&ROBERT&CHRISTIAN R
 #2 NAVESINK AVENUE
 BLOCK 38
 LOT 8

REMOVE EXISTING FLAG POLE FOUNDATION UNDER 'CLEARING SITE'
 CONSTRUCT (TYP.):
 1 LS REMOVE AND RESET FLAG POLE AND ASSOCIATED LIGHTING
 CONSTRUCT (TYP.):
 1 UN REMOVE AND RESET MONUMENT

CONSTRUCT (TYP.):
 1 UN REMOVE AND RESET MONUMENT



RESET EXISTING BENCH (TYP. OF 5)

TREE TO BE PROTECTED (TYP.)

CONSTRUCT (TYP.):
 1 UN RESET MANHOLE

CONSTRUCT (TYP.):
 159 LF BELGIAN BLOCK CURB

CONSTRUCT (TYP.):
 150 SY CONCRETE SIDEWALK, 4" THICK

CONSTRUCT (TYP.):
 111 LF BRICK VENEER WALL, APPROXIMATELY 12" HIGH
 111 LF 36" HIGH DECORATIVE ALUMINUM FENCE, SET ON WALL
 16 LF 48" HIGH DECORATIVE ALUMINUM FENCE

RESET EXISTING WATER SERVICE

CONSTRUCT (TYP.):
 1 UN RESET WATER METER

CONSTRUCT (TYP.):
 1 UN REMOVE AND RESET IRRIGATION VALVE

BENCHMARK
 PIN SET
 EL 32.66
 N 570020.2330
 E 636381.5770
 (NAD83/NAVD88)

YARD INLET
 GR: 32.09
 INV: 30.50
 N/F STATE OF NEW JERSEY
 NAVESINK & BAY AVENUE
 BLOCK 38
 LOT 9

YARD INLET
 GR: 29.80
 INV: 28.00

CONTRACTOR TO VERIFY INVERT IN FIELD.

CONSTRUCT (TYP.):
 1 UN RECONSTRUCT INLET, TYPE B
 68 LF 12" PERFORATED HDPE PIPE
 2 UN YARD INLET

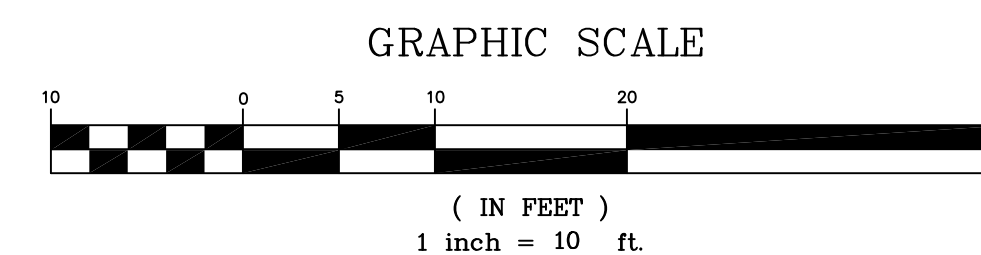
N.J.S.H Route 36
(a.k.a. NAVESINK AVENUE)
(80' WIDE ROW - TM)

CONSTRUCT

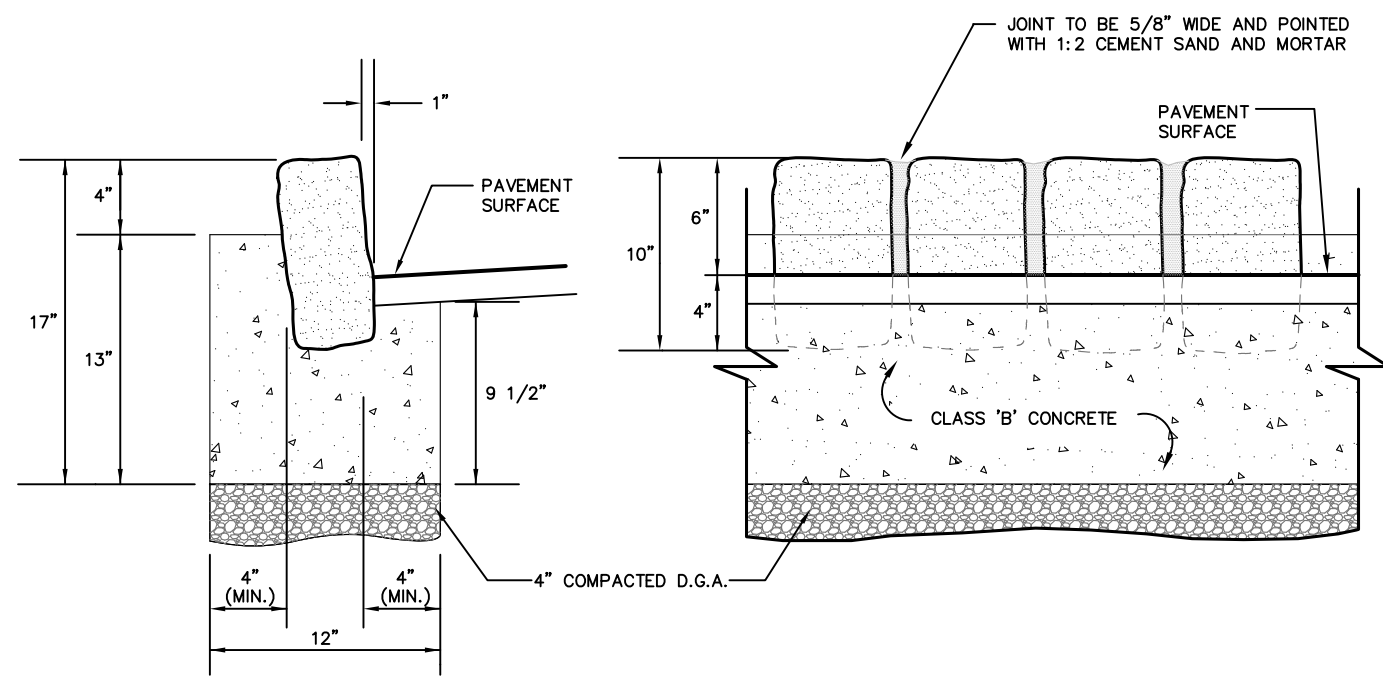
- 150 SY CONCRETE SIDEWALK, 4" THICK
- 111 LF BRICK VENEER WALL, APPROXIMATELY 12" HIGH
- 2 UN YARD INLET
- 68 LF 12" PERFORATED HDPE PIPE
- 1 UN RECONSTRUCT INLET, TYPE B
- 159 LF BELGIAN BLOCK CONCRETE CURB
- 2 UN FURNISH AND INSTALL WASTE RECEPTACLES (INCLUDING LID AND LINER)
- 1 LS REMOVE AND RESET FLAG POLE AND ASSOCIATED LIGHTING
- 1 UN REMOVE AND RESET ELECTRIC BOX
- 1 UN REMOVE AND RESET IRRIGATION VALVE
- 1 UN RESET WATER METER
- 1 UN RESET MANHOLE
- 1 UN REMOVE AND RESET MONUMENT
- 111 LF 36" HIGH DECORATIVE ALUMINUM FENCE, SET ON WALL
- 16 LF 48" HIGH DECORATIVE ALUMINUM FENCE

NOTES:

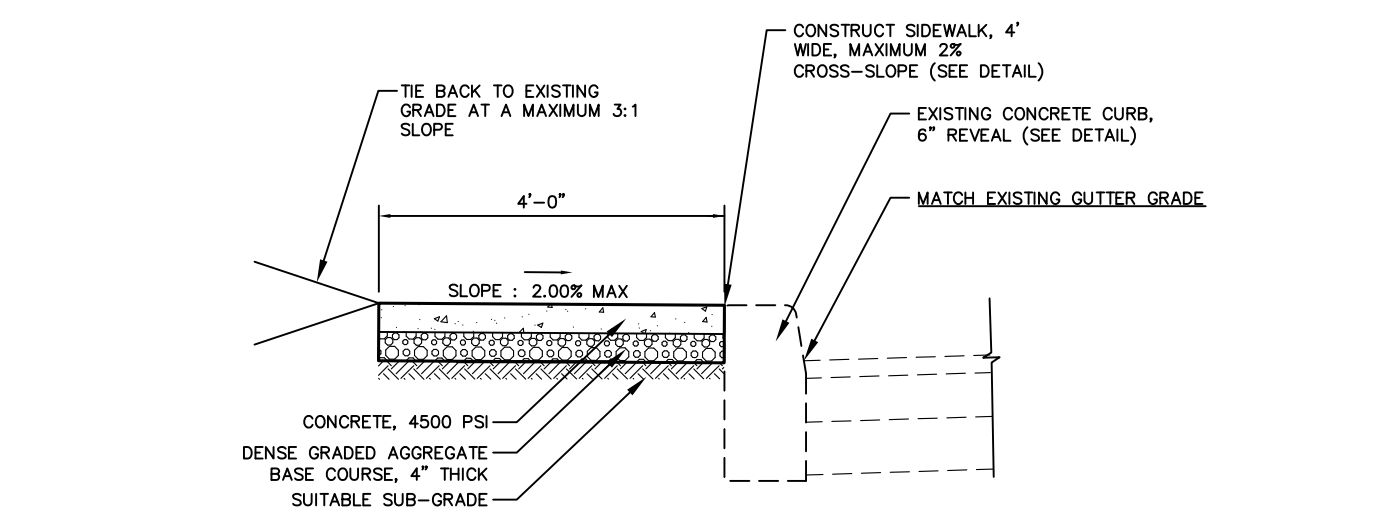
1. RESETTING, RESTORATION, AND PRESERVATION OF ALL EXISTING LANDSCAPING (INCLUDING MAILBOXES, TIMBER TIE CURB AND LANDSCAPE WALLS, GRANITE CURBS, LANDSCAPE AREAS, AND SIGNS) TO BE INCLUDED UNDER BID ITEM 'CLEARING SITE.'
2. CONTRACTOR TO VERIFY GRADES IN FIELD AND ENSURE GRADES CONFORM TO ADA STANDARDS.
3. CONTRACTOR TO ENSURE POSITIVE DRAINAGE THROUGHOUT ALL INTERSECTIONS. SPECIFIC ATTENTION SHALL BE GIVEN TO CURB RAMPS.
4. ALL PAVEMENTS JOINTS SHALL BE SAWCUT TO MEET EXISTING. NO EXTRA PAYMENT SHALL BE MADE FOR SAWCUTTING.
5. CONTRACTOR RESPONSIBLE FOR ALL SURVEY CONTROL AND STAKEOUT.
6. CONTRACTOR RESPONSIBLE FOR RESETTING OR REPAIR OF ANY PRIVATE IRRIGATION.
7. TEST PITS SHALL BE PERFORMED IF AND WHERE ORDERED.
8. TREE REMOVAL SHALL BE REVIEWED IN THE FIELD WITH THE ENGINEER PRIOR TO CONSTRUCTION.
9. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL UTILITY COMPANIES REGARDING CONFLICTS OR UTILITY PROTECTION AS NECESSARY. NO SEPARATE PAYMENT WILL BE MADE FOR RELOCATION, PROTECTION, OR DOWNTIME ASSOCIATED WITH UTILITY COORDINATION.
10. ALL PAVEMENT MARKINGS AND TRAFFIC SIGNAGE SHALL CONFORM TO THE MUTCD, 2009 EDITION.



No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NEW JERSEY IMPROVEMENTS TO GERTRUDE EDERLE PARK CONSTRUCTION AND GRADING PLAN				
 CONSULTING AND MUNICIPAL ENGINEERS <small>3541 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 1460 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-1194</small>				
JOHN H. ALLGAR, P.E., P.P. <small>(1983 - 2001)</small> N.J. P.E. LIC. NO. 25838	DAVID J. SAMUEL, P.E., P.P. <small>(1983 - 2001)</small> N.J. P.E. LIC. NO. 2455	JOHN J. STEFANI, P.E., L.S. & P.P. <small>(1983 - 2001)</small> N.J. P.E. LIC. NO. 24271	<small>03-PLAN</small> <small>H10204-PLAN</small> <small>FILE NO. FH10204.01</small>	
JAY B. CORNELL, P.E., P.P. <small>(1983 - 2001)</small> N.J. P.E. LIC. NO. 32962	MICHAEL J. MCCLELLAND, P.E., P.P. <small>(1983 - 2001)</small> N.J. P.E. LIC. NO. 32468	GREGORY R. VALES, P.E., P.P. <small>(1983 - 2001)</small> N.J. P.E. LIC. NO. 34458	<small>SCALE 1" = 10'</small> <small>DESIGNED BY DEP</small> <small>CHECKED BY PMK</small> <small>DATE 01/28/2022</small> <small>3 OF 5</small>	
GREGORY R. VALES, P.E., P.P. <small>NEW JERSEY PROFESSIONAL ENGINEER</small>			<small>N.J. LIC. 34458</small>	



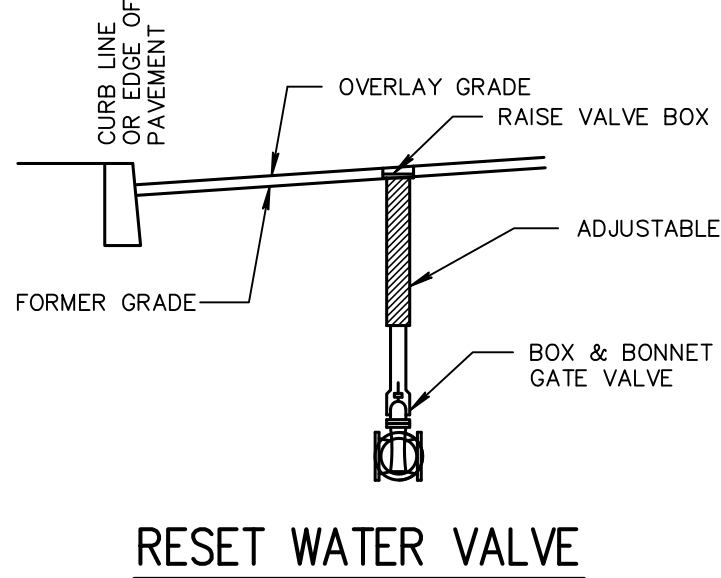
BELGIAN BLOCK CURB DETAIL
N.T.S.



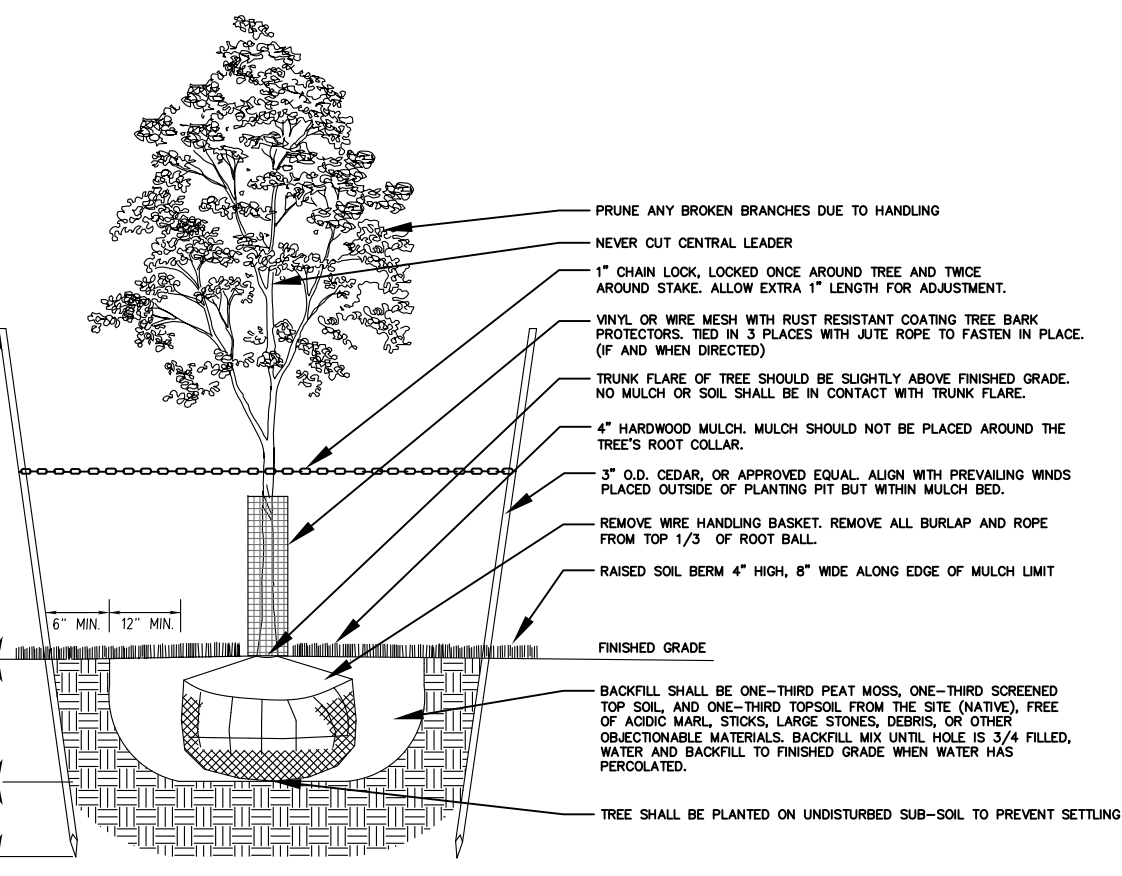
TYPICAL SIDEWALK DETAIL
N.T.S.

PLANTING NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL ALL PLANT MATERIAL AS INDICATED, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, INCIDENTALS (INCLUDING WATERING) AND CLEAN-UP.
2. THE LANDSCAPE CONTRACTOR SHALL PERFORM SOIL SAMPLING OF THE SITE, IF DEEMED NECESSARY, PRIOR TO ANY PLANT INSTALLATIONS TO DETERMINE SOIL CHARACTERISTICS. IF NECESSARY, ADJUSTMENTS SHALL BE MADE BY THE LANDSCAPE CONTRACTOR IN COOPERATION WITH THE OWNER BASED ON THE SOIL TEST REPORT TO ENSURE SURVIVAL OF ALL PLANT MATERIAL.
3. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES AND/OR CONFLICTING SITE AMENITIES PRIOR TO STARTING THE WORK.
4. ALL PLANTS SHALL BE DUG, PACKED, TRANSPORTED, AND HANDLED WITH UTMOST CARE AND PROTECTION FROM RUDDY AND DISEASE.
5. ALL PLANTS SHALL BE FREE FROM DISEASE AND INFESTATION.
6. THE CENTRAL LEADER SHALL NOT BE CUT, DAMAGED, OR BROKEN. NO PLANT WITH CENTRAL LEADER DAMAGE SHALL BE ACCEPTED.
7. PLANTS SHALL NOT BE PRUNED ON LOCATION UNLESS IT IS NECESSARY TO REMOVE BROKEN OR DAMAGED LIMBS.
8. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION AND HAVE AN ACCEPTABLE HARBOR. PROVISIONS SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST TWO YEARS FOR TREES AND A MINIMUM OF TWO GROWING SEASONS FOR SHRUBS, OR AS PER THAT WHICH MAY BE STATED IN THE MUNICIPALITY'S LAND DEVELOPMENT ORDINANCE. REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE WATER AND FERTILIZER TO ALL PLANT MATERIAL DURING THE GUARANTEE PERIOD TO ENSURE PLANT SURVIVAL.
10. THE MINIMUM DEPTH OF TOPSOIL IN PARKING LOT ISLANDS SHALL BE TWO FEET.
11. TREES SHALL BE ROOTED INTO THE BALL SO THAT SOIL OR MEDIA REMAINS INTACT AND TRUNK AND ROOTBALL MOVE AS ONE WHEN LIFTED. THE TREE TRUNK SHOULD BEND WHEN GENTLY PUSHED, NOT PIVOT AT OR BELOW THE SOIL LINE.
12. THE POINT WHERE THE TOP-MOST ROOT IN THE ROOT BALL EMERGES FROM THE TRUNK (FLAIR) SHALL BE VISIBLE AT THE SOIL SURFACE. NO MULCH SHALL BE PLACED ON THE TRUNK FLAIR.
13. THE RELATIONSHIP BETWEEN CALIPER, HEIGHT AND ROOTBALL SIZE FOR ALL TREES SHALL MEET ANSI Z601.2008 OR LATEST EDITION STANDARDS.
14. ALL DECIDUOUS SHADE TREES SHALL HAVE ONE DOMINANT CENTRAL LEADER, MORE OR LESS STRAIGHT TO THE TOP OF THE TREE WITH THE LARGEST BRANCHES SPACED AT LEAST 6 INCHES APART. THERE CAN BE A DOUBLE LEADER IN THE TOP 10% OF THE TREE CANOPY.
15. THE TREE CANOPY SHOULD BE SYMMETRICAL, FREE OF LARGE VIDS, AND TYPICAL OF THE SPECIES OR CULTIVAR. LIVE CROWN RATIO DISTANCE FROM BOTTOM OF CANOPY TO TREE TOP (TREE HEIGHT) SHOULD BE AT LEAST 80%.
16. SHADE TREE BRANCHES SHOULD BE LESS THAN 1/2 THE TRUNK DIAMETER, FREE OF BARK INCLUSIONS, AND MORE OR LESS RADICALLY DISTRIBUTED AROUND THE TRUNK.
17. TREE TRUNKS AND MAIN BRANCHES SHALL BE FREE OF WOUNDS, DAMAGED AREAS, CONKS, BLEEDING, AND SIGNS OF INSECTS OR DISEASE.
18. BACKFILL MATERIAL FOR PLANTING PITS SHALL BE ONE-THIRD PEAT MOSS, ONE-THIRD SCREENED TOPSOIL, AND ONE-THIRD TOPSOIL FROM THE SITE (NATIVE), FREE OF ACID MAIL, STICKS, LARGE STONES, DEBRIS, OR OTHER OBJECTIONABLE MATERIAL.
19. PLANTS SHALL BE SET TO ULTIMATE FINISH GRADE SO THAT THE ROOT COLLAR AND FLARE ARE CORRECT AT THE SURFACE OF THE BALL. THE ROOT COLLAR AND FLARE ARE CORRECTED AT THE SURFACE OF THE BALL. THE ROOT COLLAR AND FLARE ARE CORRECTED AT THE SURFACE OF THE BALL. THE ROOT COLLAR AND FLARE ARE CORRECTED AT THE SURFACE OF THE BALL.
20. ANY CORD BOUNDING THE BALL OF ALL BALLED AND BURLAPPED (B&B) PLANTS SHALL BE CUT AND REMOVED AS WELL AS ALL BURLAP AND TOP OF THE ROOT BALL AS HIGH BURLAP AS POSSIBLE MUST BE REMOVED FROM THE PLANTING PIT. ANY REMAINING BURLAP SHOULD BE TUCKED DOWN TO LIMIT THE FORMATION OF AIR BASKETS. SYNTHETIC MATERIALS AND ANY BAMBUS STAKING WITHIN THE ROOTBALL SHALL BE COMPLETELY REMOVED. TREES INSTALLED WITH WIRE BASKETS SHOULD HAVE THE WIRE BASKETS REMOVED COMPLETELY TO PREVENT THE POTENTIAL FOR WEAVED ROOT GROWTH. IN THE EVENT THAT THE ROOT BALL IS UNUSUALLY LOOSE OR SANDY, IT MAY BE PERMITTED TO REMOVE ONLY THE TOP 2/3 OF THE WIRE BASKETS, TOP 2/3 OF BURLAP, AND ALL ROPES OR BRIDGES. THIS CAN BE DETERMINED BY MUTUAL AGREEMENT BY THE STATE INSPECTOR IF A STATE INSPECTOR IS REQUIRED ON SITE AND THE AUTHORIZED AGENTS IN RESPONSIBLE CARE OF THE OVERSIGHT OF TREE INSTALLATION.
21. TREES SHALL BE STAKED IMMEDIATELY AFTER PLANTING IN ACCORDANCE WITH THE DETAIL. ALL SUPPORT SYSTEMS IN DIRECT CONTACT WITH THE TREE TRUNK SHALL BE LOOSELY ATTACHED TO PREVENT GIRDLING. ALL TRUNK PROTECTION WRAPPING SHALL BE REMOVED AT THE TIME OF PLANTING. THE CONTRACTOR SHALL INSTALL NEW TRUNK PROTECTION OPEN-AIR VINYL MESH TYPE, IN ACCORDANCE WITH THE INSTALL DETAIL.
22. ALL EVERGREEN AND DECIDUOUS TREES FIVE FEET OR GREATER IN HEIGHT SHALL BE STAKED AS PER DETAIL. ALL SUPPORTS SHALL BE REMOVED WITHIN ONE YEAR OF PLANTING FROM TREES THAT DO NOT NEED OBLIVIOUS STAKING/STAKING.
23. ALL HARBOR ISLANDS SHALL BE MULCHED. ALL SHADE/ORNAMENTAL TREES SHALL BE SET IN 4" DIAMETER MULCHED BEDS IMMEDIATELY WITH THE TRUNK CENTERED. ALL EVERGREEN TREES SHALL BE SET IN A CIRCULAR MULCHED BED WHICH FULLY ENCOMPASSES THE OUTERMOST / LOWEST LIMBS DRIP LINE IMMEDIATELY WITH THE TRUNK CENTERED. A 1" THICK APPLICATION OF SHADE/ORNAMENTAL/EVERGREEN TREE IS IN CLOSE PROXIMITY TO SHRUB MASSING, THE MULCHED BED SHALL BE EXTENDED AROUND THE TREE. ALL SUCH BEDS SHALL RECEIVE A 1" THICK APPLICATION OF DOUBLE SHIMMERED HARDWOOD MULCH. THE MULCH SHALL NOT BE PILED IN DIRECT CONTACT WITH THE ROOT COLLAR AREA OF THE TREE.
24. BED LINES SHALL HAVE A CLEAN, SHARP EDGE CUT WITH A SPADE UNLESS OTHERWISE SPECIFIED.
25. ANY CHANGES IN PLANT SPECIES, SIZE, OR LOCATION SHALL BE CONFIRMED AND APPROVED BY THE LANDSCAPE ARCHITECT ONE ASSOCIATES, 732-462-7400 PRIOR TO INSTALLATION. WRITTEN APPROVAL OF ANY PLANT MATERIAL CHANGES MAY BE REQUIRED BY THE MUNICIPALITY'S LANDSCAPE ARCHITECT, STATE INSPECTOR, OR SHADE TREE COMMISSION. ALL SUBSTITUTIONS WILL BE OF EQUAL OR GREATER SIZE THAN THE ORIGINALLY SPECIFIED SPECIES.
26. ALL PLANTING MATERIALS AND METHODS SHALL MEET OR EXCEED THE REQUIREMENTS SET FORTH BY THE MUNICIPALITY AND LATEST EDITION OF THE AMERICAN STANDARDS FOR NURSERY STOCK. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE AVAILABLE UPON REQUEST, A NURSERY STOCK CERTIFICATE OR PLANT HEALTH CERTIFICATE TO CONFIRM NURSERY STOCK CERTIFICATION BY THE NEW JERSEY DEPARTMENT OF AGRICULTURE.
27. ALL AREAS WHICH ARE TO BE DISTURBED BEYOND THE MULCHED BEDS SHALL BE SEEDING WITH THE TURF GRASS MIXTURE FOUND IN THE SOIL. EROSION AND SEDIMENT CONTROL SHEET OR SODDED, IF NOTED.
28. NO SHADE TREE SHALL BE LOCATED CLOSER THAN 10' FROM ANY LIGHT FIXTURE.
29. TREES LOCATED WITHIN THE RIGHT TRIANGLE EASEMENTS SHALL HAVE THE LOWEST BRANCH MAINTAINED AT A MINIMUM HEIGHT OF 10' ABOVE THE INTERSECTING CENTERLINES OR WHICH IS INDICATED BY THE MUNICIPALITY'S ORDINANCE. SHRUBS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 30' ABOVE THE INTERSECTING CENTERLINES.
30. ALL TREES UTILIZED FOR STREET TREE PLANTINGS SHALL BE NURSERY PRUNED TO 7' FEET (MINIMUM).
31. ALL EXISTING LANDSCAPING LOCATED ON-SITE TO REMAIN, UNLESS OTHERWISE INDICATED ON THE PLAN.
32. IF THERE ARE ANY DISCREPANCIES BETWEEN PLANT LIST AND PLAN, PLAN SHALL BE CONTROLLING.
33. ADEQUATE CLEARANCE MUST BE PROVIDED FOR ALL DRIVEWAYS, UTILITIES AND WALKWAYS.



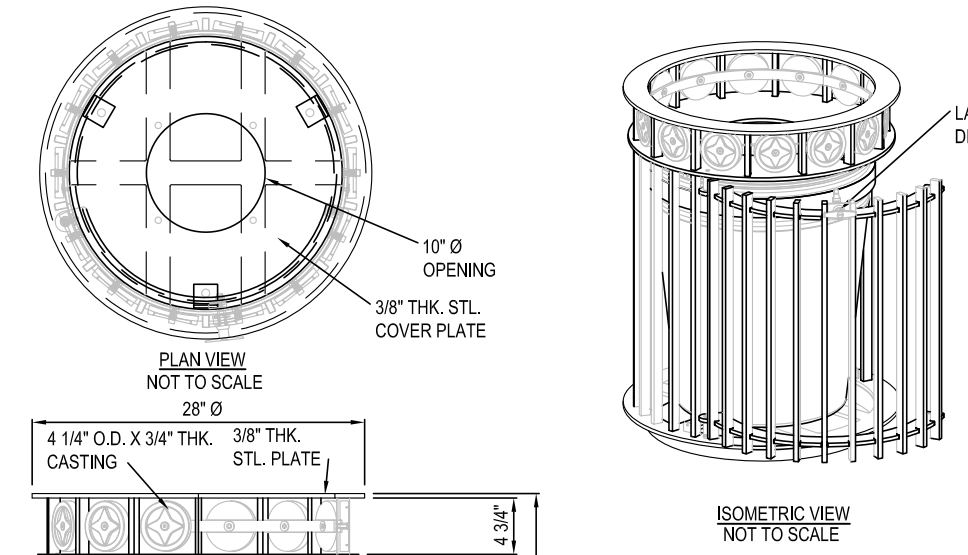
RESET WATER VALVE
N.T.S.



DECIDUOUS TREE PLANTING DETAIL
N.T.S.

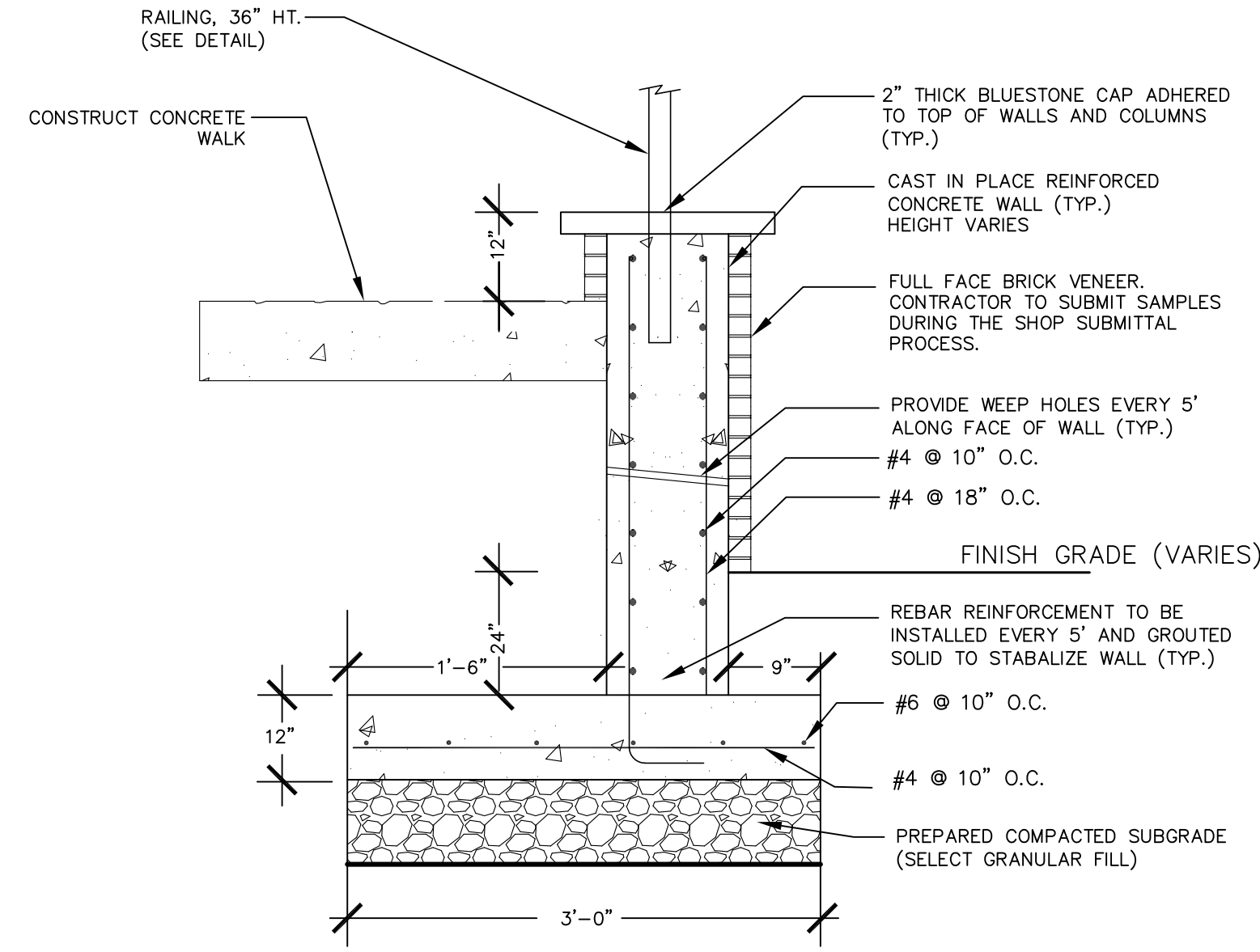
PLANT SCHEDULE					
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
2	Mv	Magnolia virginiana	Sweetbay Magnolia	8' - 10' ht.	B&B, Multi Stem, Spacing as shown
2 Total					

- Note: All Trees To Be Balled & Burlapped and Shall Meet ANSI Z601.2 Standards
Note: The Following List of Trees Are Considered to Have A High Risk of Failure When Dug From Growing Locations in The Fall (Autumn)
- | | | | |
|--------------------------|-------------------------|-----------------------------------|----------------------------|
| Acer rubrum varieties | Crataegus varieties | Nyssa sylvatica | Sorbus varieties |
| Betula varieties | Fagus varieties | Ostrya virginiana | Tilia tomentosa varieties |
| Carpinus varieties | Halesia varieties | Platanus varieties | Ulmus parvifolia varieties |
| Celtis varieties | Koelerutaria paniculata | Prunus - all stone fruits | Zelkova varieties |
| Cercis varieties | Liquidambar styraciflua | Pinus varieties | |
| Cercidiphyllum varieties | Liriodendron tulipifera | Quercus - all except Q. palustris | |
| Cornus varieties | Malus varieties | Salix - weeping varieties | |

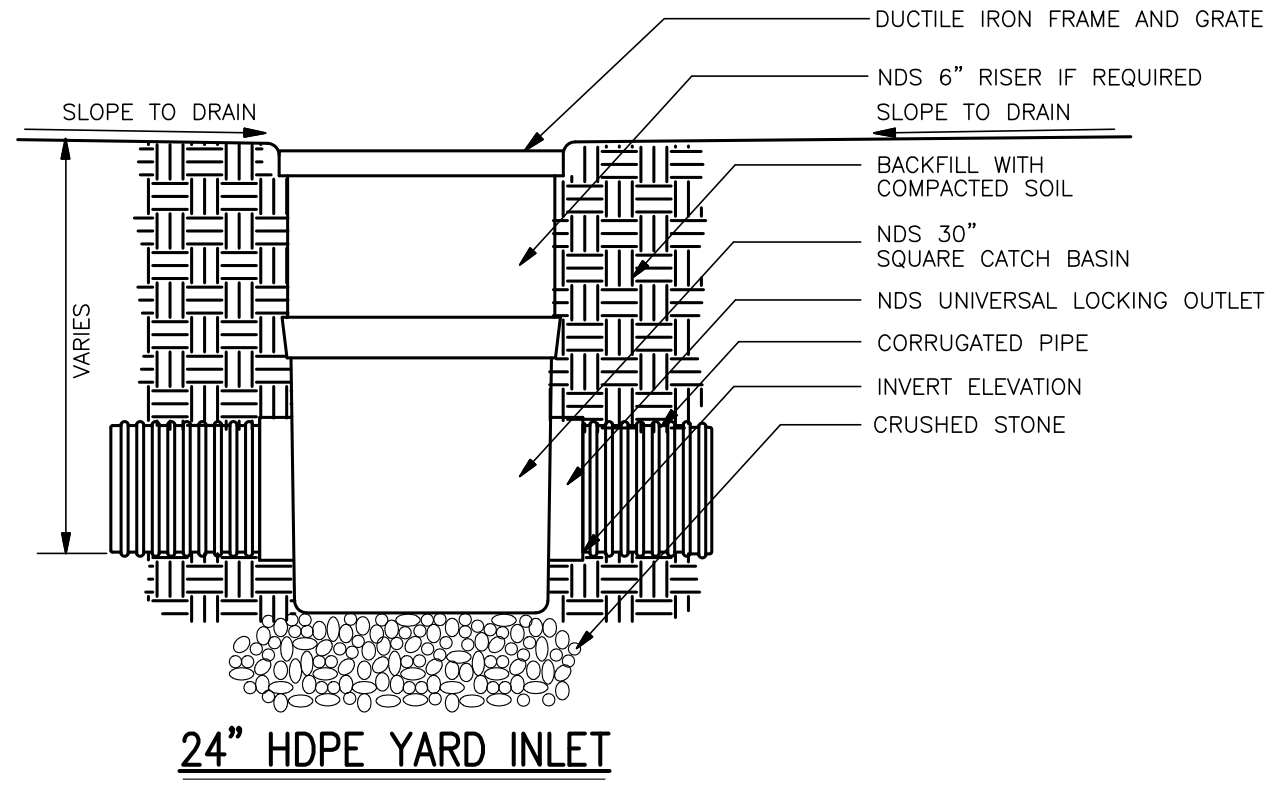


NOTE:
WASTE RECEPTACLES TO BE INSTALLED ON A 30" DIAMETER CONCRETE PAD, 4" THICK. (NO SEPARATE PAYMENT WILL BE MADE)

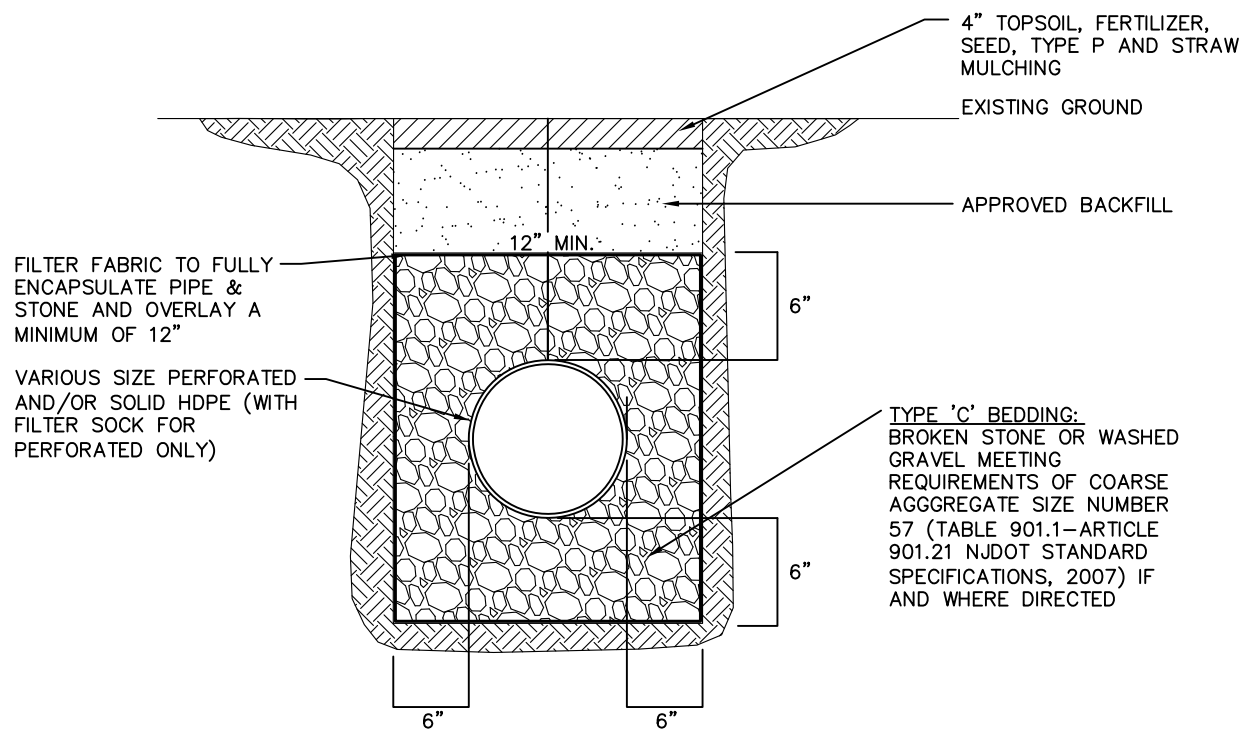
WASTE RECEPTACLE DETAIL
N.T.S.



TYPICAL BRICK VENER WALL DETAIL
N.T.S.

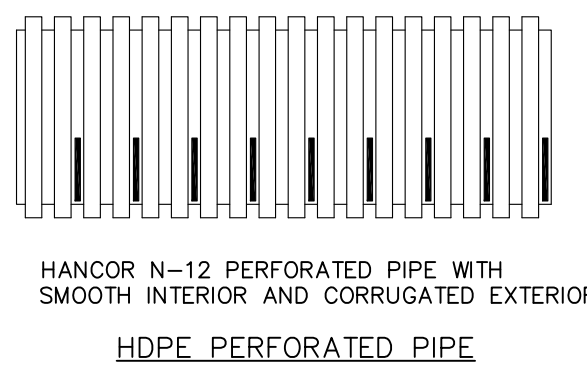


24" HDPE YARD INLET
N.T.S.

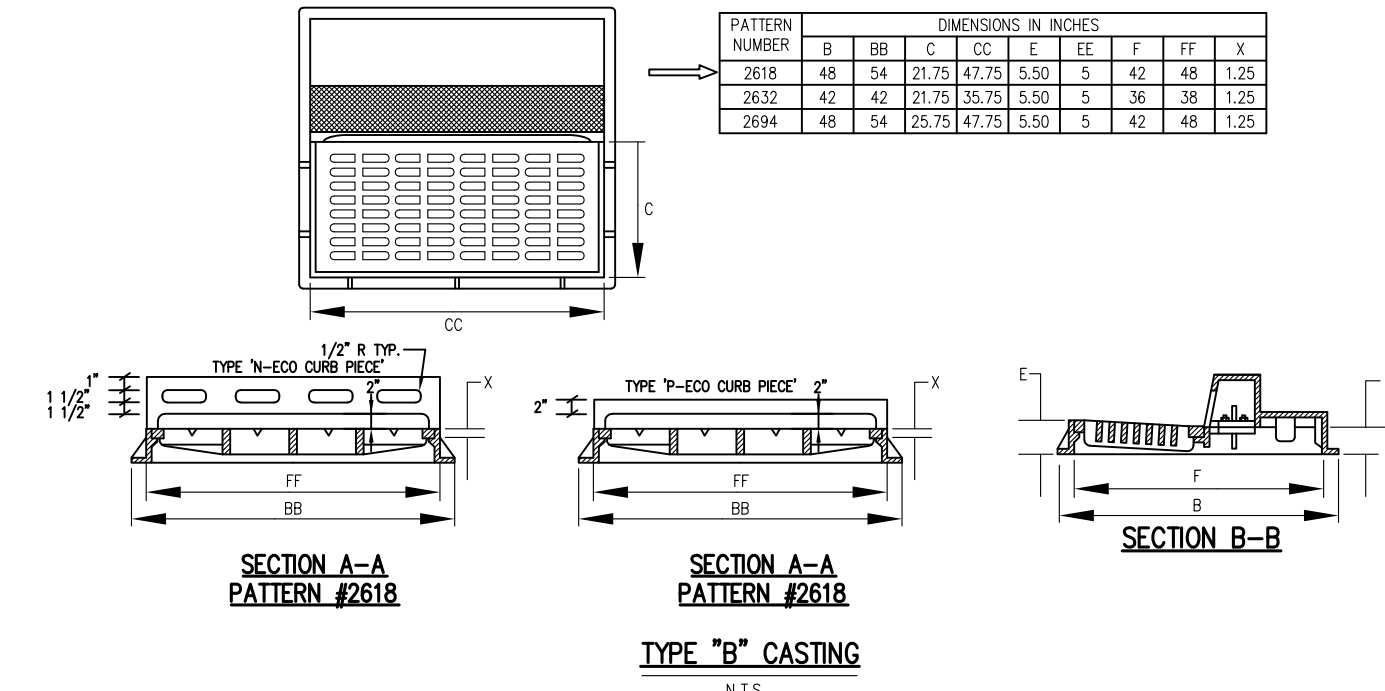


HDPE PIPE BEDDING DETAIL
N.T.S.

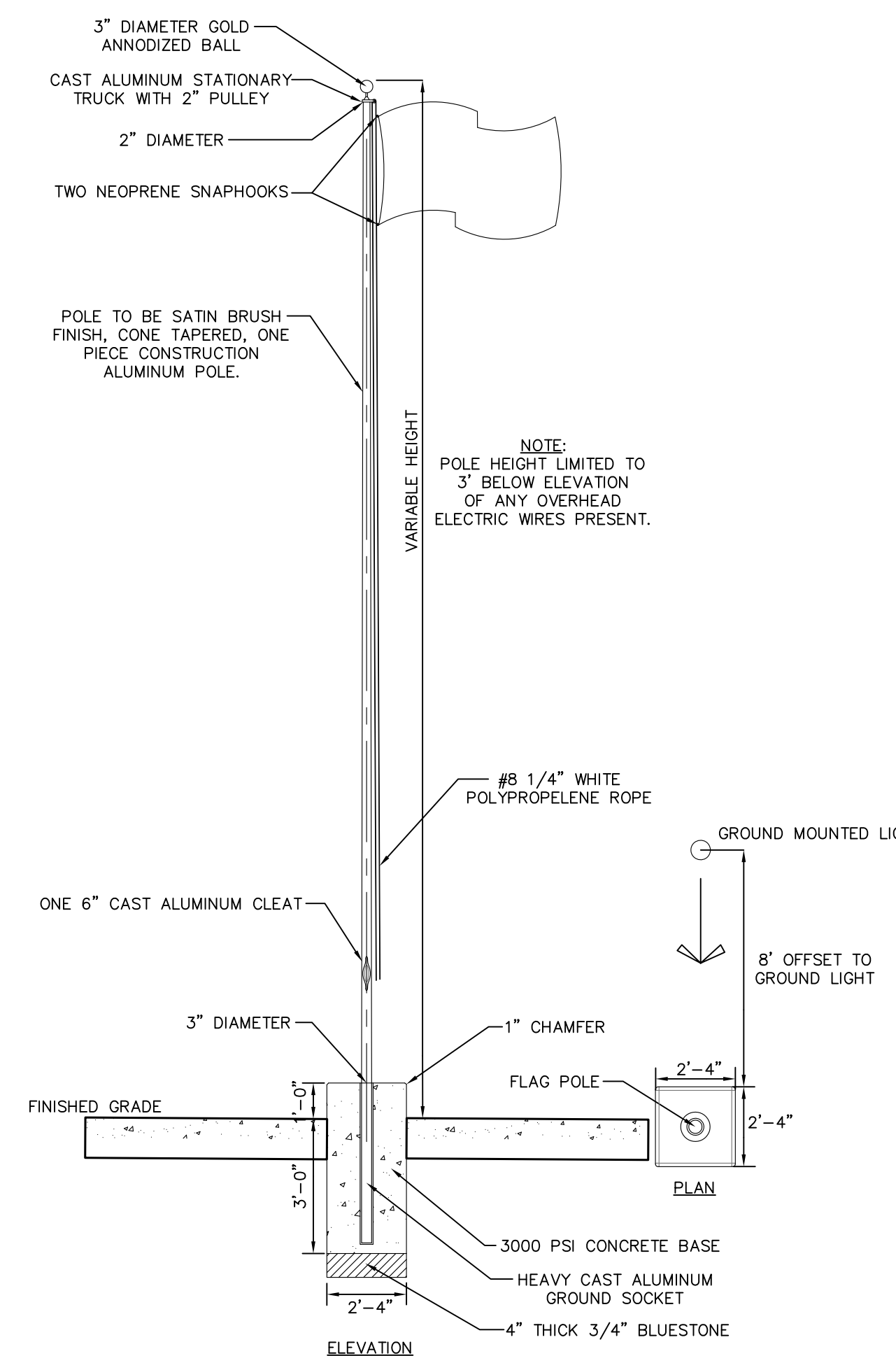
ALUMINUM FENCE DETAIL
N.T.S.



HDPE DRAINAGE PIPING DETAILS
N.T.S.



STANDARD DETAIL TYPE "B" INLET
N.T.S.



FLAGPOLE AND FOOTING DETAILS
N.T.S.

No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED

**BOROUGH OF HIGHLANDS,
MONMOUTH COUNTY, NEW JERSEY**

IMPROVEMENTS TO GERTRUDE EDERLE PARK

CONSTRUCTION DETAILS

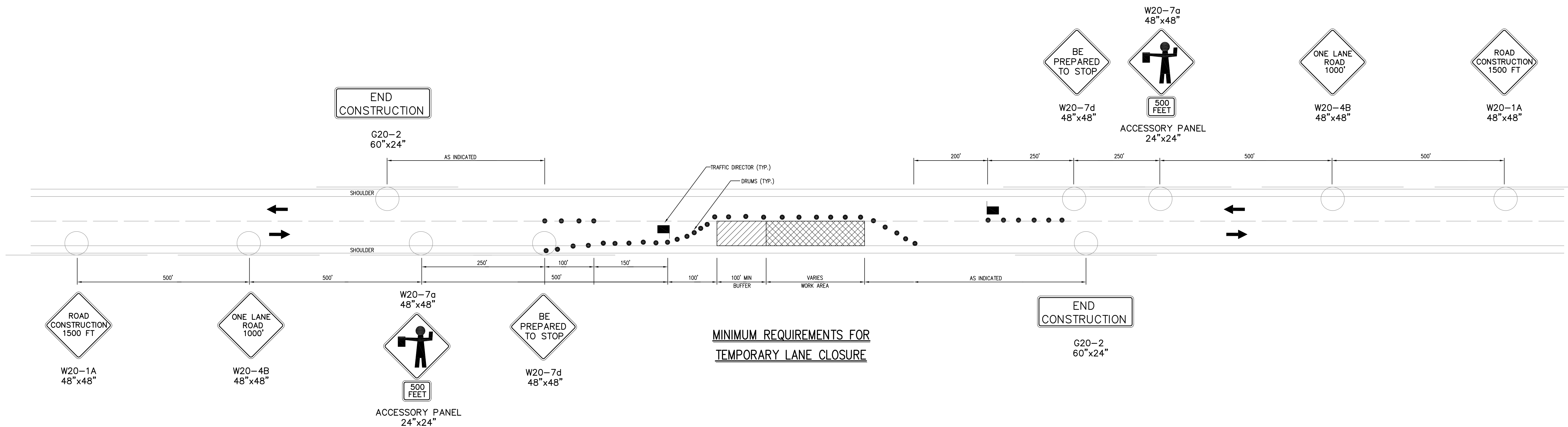
ONE ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
3941 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 — 1440 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-1124

JOHN H. ALLGAR, P.E., P.P. NJ REG. NO. 25838	DAVID J. SAMUEL, P.E., P.P. NJ REG. NO. 25838	JOHN J. STEFANI, P.E., L.S. & P.P. NJ REG. NO. 24655
JAY B. CORNELL, P.E., P.P. NJ REG. NO. 32963	MICHAEL J. McCLELLAND, P.E., P.P. NJ REG. NO. 33458	GREGORY R. VALES, P.E., P.P. NJ REG. NO. 34841

GREGORY R. VALES, P.E.
NEW JERSEY PROFESSIONAL ENGINEER

DATE: 01/28/2022
SHEET: 4 OF 5

SCALE: N.T.S. DRAWN BY: PMK
CHECKED BY: BAM
DESIGNED BY: DEP



**MINIMUM REQUIREMENTS FOR
TEMPORARY LANE CLOSURE**

TRAFFIC CONTROL DEVICES NOTES:

- DIMENSIONS, COLORS AND DETAILS OF VARIOUS SIZE SIGNS, AND ACCESSORY PANELS TO FOLLOW STANDARDS IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"
- LETTERS AND NUMERALS SHALL CONFORM TO THE CURRENT MANUAL "STANDARD ALPHABETS FOR HIGHWAY SIGNS "U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION"
- CONES MAY BE SUBSTITUTED FOR DRUMS UPON APPROVAL OF THE ENGINEER
- ALL CONFLICTING STRIPES SHALL BE REMOVED
- REMOVABLE PAVING MARKING TAPE OR OTHER MEANS OF TRAFFIC CONTROL SHALL BE UTILIZED WHERE LANE SHIFTS ARE REQUIRED ON INTERMEDIATE OR TOP PAVEMENT LAYERS OR ON EXISTING PAVEMENTS NOT BEING REPAIRED
- UNLESS OTHERWISE SPECIFIED, TRAFFIC PAINT SHALL BE USED WHEN TRAFFIC STRIPES OR TRAFFIC MARKINGS ARE REQUIRED ON INTERMEDIATE PAVEMENT LAYERS THAT NEED TO BE OPENED TO TRAFFIC DUE TO STAGE CONSTRUCTION

BACKING MATERIAL

- ALUMINUM SHALL BE FLAT SHEET OF ALLOY 5052-H38 OR 6061-T6 ALLOY, 0.100" GAUGE

TEMPORARY SIGN SUPPORTS

- SIGN SUPPORTS SHALL BE WELL SEASONED LUMBER, S4S, FREE OF SPLITS, KNOTS AND WRAPS OR, OF STEEL COMPONENTS.
- WOOD POSTS SHALL HAVE A UNIFORM CROSS SECTION AND SHALL NOT EXCEED THE FOLLOWING DIMENSIONS FOR:
SINGLE POSTS = 4" X 6"
TWIN POSTS = 3" X 6" OR 4" X 5"
THREE POSTS = 3" X 5" OR 4" X 4"

4" X 6" WOOD POSTS SHALL BE MODIFIED BY DRILLING 1 1/2" DIAMETER HOLES 4" AND 18" ABOVE THE GROUND LEVEL AND PERPENDICULAR TO THE ROADWAY CENTERLINE

- NO BRACING IS PERMITTED. VERTICAL CLEARANCES FOR SIGNS MOUNTED ON WOOD SUPPORTS SHALL BE 7" MINIMUM. EMBEDMENT DEPTH FOR THE WOOD POST SHALL NOT EXCEED 3.5'
- STEEL POSTS SHALL BE IN ACCORDANCE WITH THE STANDARD FOR U-POST SIGN SUPPORT
- TEMPORARY SIGN SUPPORTS NOT MEETING THIS CRITERIA SHALL BE SHIELDED BY A LONGITUDINAL BARRIER OR CRASH CUSHIONS

SIGN FACES

- SIGN FACES SHALL BE RETROREFLECTIVE SHEETING, TYPE II EXCEPT FOR THE W20 SERIES AND W4-2 SIGN FACES WHICH SHALL BE TYPE IVB SHEETING


FASTENING

- ALL SIGNS SHALL BE SECURELY FASTENED TO THEIR SUPPORTS WITH BOLTS, NUTS AND WASHERS IN ACCORDANCE WITH THE SPECIFICATIONS

GENERAL NOTES:

- VEHICULAR AND PEDESTRIAN TRAFFIC IS TO BE MAINTAINED OVER THE EXISTING ROADWAYS AND INTO EXISTING DRIVEWAYS WITHIN THE SCOPE OF THE PROJECT AT ALL TIMES. TRAFFIC CONTROL IS TO BE COORDINATED WITH LOCAL AUTHORITIES.
- FINAL RESPONSIBILITY FOR THE INSTALLATION OF ADEQUATE PRECAUTIONS AND FOR THE PROTECTION OF THE TRAVELING PUBLIC AND HIS OWN PERSONNEL SHALL REST WITH THE CONTRACTOR.
- ALTERNATE ONE-WAY TRAFFIC CONTROL MAY BE REQUIRED DURING CONSTRUCTION OPERATIONS. ALTERNATE ONE-WAY TRAFFIC CONTROL WILL BE AFFECTED BY TWO UNIFORM TRAFFIC DIRECTORS, ONE AT EACH END OF THE WORK AREA. ALL TEMPORARY TRAFFIC LANES SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 11 FEET.
- SITE FOR THE STORAGE OF EQUIPMENT AND MATERIALS DURING THE PROGRESS OF THE WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER
- IF THE LOCAL POLICE DEPARTMENT NOTIFIES THE CONTRACTOR OR HIS SUPERINTENDENT OR THE ENGINEER OF ANY HAZARDOUS CONDITION OR VIOLATION OF TRAFFIC CONTROL IN THE WORK AREA REGULATIONS, ALL OPERATIONS SHALL BE IMMEDIATELY DISCONTINUED AND IMMEDIATE REMEDIAL ACTION WILL BE TAKEN TO THE SATISFACTION OF THE LOCAL POLICE BEFORE WORK IS RESUMED. ALL COSTS INCURRED AS A RESULT OF SUCH ACTION SHALL BE BORNE BY THE CONTRACTOR WITHOUT RECOURSE AGAINST THE OWNER.
- REDUCTION OF THE NUMBER OF LANES AVAILABLE FOR TRAFFIC OR REDUCTION OF EXISTING WIDTHS OF TRAVELED WAY WILL NOT BE PERMITTED UNTIL AFTER 9 A.M. AND SHALL BE REMOVED PRIOR TO 4 P.M. UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- WORK WHICH WILL INTERFERE WITH TRAFFIC OR RESTRICT THE WIDTH OF TRAVELED WAY AVAILABLE FOR TRAFFIC SHALL NOT BE PERFORMED ON SATURDAYS, SUNDAYS, OR LEGAL HOLIDAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE WITHIN THE PROJECT LIMITS UNTIL ACCEPTANCE. THIS MAINTENANCE SHALL CONSIST OF CONTINUOUS AND EFFECTIVE WORK PROSECUTED DAY BY DAY, WITH ADEQUATE EQUIPMENT AND FORCES TO THE END OF THAT THE ROADWAY IS KEPT IN SATISFACTORY CONDITION AT ALL TIMES.
- THE CONTRACTOR SHALL BACKFILL ALL EXCAVATED AREAS WITHIN THE ROADWAY TO A GRADE COMPATIBLE WITH THE EXISTING TRAVELED WAY AT SUCH TIMES HE IS NOT ACTIVELY WORKING. THIS SHALL INCLUDE NIGHTS, WEEKENDS, AND PERIODS OF SHUTDOWN.
- COMPETENT, TRAINED AND UNIFORMED TRAFFIC DIRECTORS SHALL BE EMPLOYED AT EVERY POINT WHERE CONTRACTOR'S EQUIPMENT IS WORKING IMMEDIATELY ADJACENT TO, OR IS ENTERING, LEAVING OR CROSSING ACTIVE TRAFFIC LANES. TRAFFIC DIRECTORS SHALL BE EMPLOYED CONTINUOUSLY FOR THE FULL TIME SUCH CONDITIONS EXIST AS DETERMINED BY THE ENGINEER.

THE USE OF UNIFORMED POLICE OFFICERS AS TRAFFIC DIRECTORS IS NOT A SPECIFIC REQUIREMENT OF THIS PROJECT. HOWEVER, SHOULD THEY BE DEEMED NECESSARY DUE TO IMPROPER ACTIONS OF THE CONTRACTOR'S TRAFFIC DIRECTORS OR SHOULD THE CONTRACTOR DESIRE THE ASSISTANCE OF UNIFORMED POLICE OFFICERS AS TRAFFIC DIRECTORS, THE POLICE TRAFFIC DIRECTORS SHALL BE OFF-DUTY POLICE OFFICERS FROM WITHIN THE MUNICIPALITY WHERE THE WORK IS BEING PERFORMED. POLICE TRAFFIC DIRECTORS SHALL BE LOCATED WHERE SHOWN ON THE PLANS OR AT SPECIFIC LOCATIONS DESIGNATED BY THE POLICE DEPARTMENT OF ENGINEER DURING CONSTRUCTION HOURS. THE MUNICIPALITY SHALL BE CONTACTED IN ORDER TO OBTAIN THE SERVICES OF POLICE TRAFFIC DIRECTORS AND THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THEIR LOCAL REPRESENTATIVE.
- THE OWNERS OF ADJOINING PROPERTIES SHALL BE GIVEN A WRITTEN NOTICE AT LEAST THREE DAYS PRIOR TO THE BEGINNING OF ANY WORK WHICH INTERFERES WITH THE OWNERS NORMAL PASSAGE.

No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NEW JERSEY IMPROVEMENTS TO GERTRUDE EDERLE PARK TRAFFIC CONTROL PLAN				
 OVE ASSOCIATES CONSULTING AND MUNICIPAL ENGINEERS <small>341 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 1460 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-1154</small>				
JOHN H. ALLGAR, P.E., P.P. <small>(1983 - 2001)</small> NJ P.E. LIC. NO. 25838	DAVID J. SAMUEL, P.E., P.P. NJ P.E. LIC. NO. 2485	JOHN J. STEFANI, P.E., L.S. & P.P. NJ P.E. LIC. NO. 24921	05-TRAFFIC	
JAY B. CORNELL, P.E., P.P. NJ P.E. LIC. NO. 32193	MICHAEL J. MCCLELLAND, P.E., P.P. NJ P.E. LIC. NO. 33448	GREGORY R. VALES, P.E., P.P. NJ P.E. LIC. NO. 4361	H1204-TRAFFIC	
GREGORY R. VALES, P.P., P.P. NEW JERSEY PROFESSIONAL ENGINEER N.J. LIC. 34458			SCALE: 1" = 10' DESIGNED BY: DEP DATE: 01/28/2022	DRAWN BY: PMK CHECKED BY: BAM SHEET: 5 OF 5