

LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED

ITEM	DESCRIPTION	EXISTING	PROPOSED
	OVERHEAD WIRE	---	---
	SANITARY FORCE MAIN PIPE	---FM---	---FM---
	STORM SEWER PIPE ≤ 12"	---ST---	---D---
	STORM SEWER PIPE > 12"	-----	=====
	GAS SERVICE	---G---	---G---
	SANITARY SEWER PIPE ≤ 12"	---SS---	---S---
	SANITARY SEWER PIPE > 12"	=====	=====
	ELECTRIC SERVICE	---E---	---E---
	FIBER OPTIC SERVICE	---FO---	---FO---
	TELEPHONE SERVICE	---T---	---T---
	COMMUNICATIONS SERVICE	---C---	---C---
	IRRIGATION PIPE	---IRR---	---IRR---
	WATER SERVICE	---W---	---W---
	WATER SHUT-OFF	☞	☞
	WATER METER	⊕	⊕
	WATER VALVE	⊕	⊕
	FIRE HYDRANT	⊕	⊕
	WELL	⊕	⊕
	YARD HYDRANT	⊕	⊕
	METER PIT	⊕	⊕
	GAS SHUT-OFF	☞	☞
	GAS METER	⊕	⊕
	GAS VALVE	⊕	⊕
	GAS LINE MARKER	+	+
	CLEANOUT	⊕	⊕
	SEWER VENT	⊕	⊕
	INLET TYPE A	■	■
	INLET TYPE B	■	■
	INLET TYPE E	■	■
	AREA DRAIN	⊕	⊕
	MANHOLES	⊕	⊕
	IRRIGATION CONTROL VALVE	⊕	⊕
	IRRIGATION BOX	⊕	⊕
	IRRIGATION CONTROL BOX	⊕	⊕
	SPRINKLER HEAD	⊕	⊕
	UNKNOWN VALVE	⊕	⊕
	COMMUNICATIONS PEDESTAL	⊕	⊕
	COMMUNICATIONS LINE MARKER	+	+
	TELEPHONE PEDESTAL	⊕	⊕
	TELEPHONE LINE MARKER	+	+
	ELEC. BOX	⊕	⊕
	ELEC. METER	⊕	⊕
	ELEC. TRANSFORMER PAD	⊕	⊕
	ELEC. VAULT	⊕	⊕
	ELEC. LINE MARKER	+	+
	UTILITY POLE	⊕	⊕
	GUY ANCHOR	—	—
	LIGHT POLE	⊕	⊕
	GROUND LIGHT	⊕	⊕
	VENT	⊕	⊕
	VENT PIPE	⊕	⊕

ITEM	DESCRIPTION	EXISTING	PROPOSED
	CROWS FOOT	Y	
	AERIAL TARGET		+
	CONCRETE MONUMENT	■	■
	PK / MAG NAIL	⊕	⊕
	DRILL HOLE	⊕	⊕
	SPIKE	⊕	⊕
	DRILL HOLE W/ WINGS	⊕	⊕
	STAKE	△	△
	HUB	△	△
	PIN W/ CAP	⊕	⊕
	IRON PIPE	⊕	⊕
	IRON PIN	⊕	⊕
	CROSS CUT	⊕	⊕
	DISK	⊕	⊕
	STONE	⊕	⊕
	REBAR	⊕	⊕
	BASELINE	7+00	8+00
	CENTERLINE	---	---
	EASEMENT	---	---
	RIGHT-OF-WAY	---	---
	PROPERTY BOUNDARY	---	---
	ADJACENT PROPERTY BOUNDARY	---	---
	RAILROAD TRACKS	---	---
	STATE BOUNDARY	---	---
	MUNICIPAL / COUNTY BOUNDARY	---	---

ITEM	DESCRIPTION	EXISTING	PROPOSED
	BORING LOCATION	⊕	⊕
	MONITORING WELL LOCATION	⊕	⊕
	TEST PIT LOCATION	⊕	⊕
	FRESHWATER WETLAND FLAG	⊕	⊕
	FRESHWATER WETLAND LINE	---	---
	FRESHWATER WETLAND BUFFER	---	---
	EDGE OF WATER	---	---
	STREAM CENTERLINE	---	---

ITEM	DESCRIPTION	EXISTING	PROPOSED
	DECIDUOUS TREE	⊕	⊕
	SHRUBS / BUSH	⊕	⊕
	EVERGREENS	⊕	⊕
	STUMP	⊕	⊕
	WOODS / TREE LINE	---	---
	WIRE FENCE	---	---
	SPLIT RAIL FENCE	---	---
	WOOD / VINYL FENCE	---	---
	CHAIN-LINK FENCE	---	---

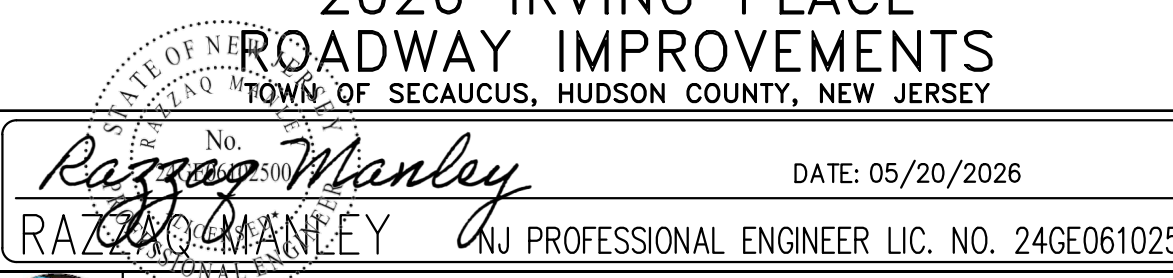
ITEM	DESCRIPTION	EXISTING	PROPOSED
	TOP OF BANK / DITCH	---	---
	BOTTOM OF BANK / DITCH	---	---
	CONTOUR (MAJOR)	---	---
	CONTOUR (MINOR)	---	---
	FLOW LINE / SWALE	---	---
	TIME OF CONCENTRATION	---	---
	SPOT GRADE	---	---
	ROADWAY GRADE	---	---
	DRAINAGE FLOW	---	---

ITEM	DESCRIPTION	EXISTING	PROPOSED
	EDGE OF PAVEMENT	---	---
	CURB	---	---
	PAVEMENT / CONC. / SIDEWALK	---	---
	LIMIT OF EXCAVATION	---	---
	GUIDE RAIL	---	---
	BOLLARD	⊕	⊕
	MAILBOX	⊕	⊕
	SIGNS	---	---
	FLAG POLE	⊕	⊕
	BENCH	---	---
	PILE	⊕	⊕
	DETECTABLE WARNING SURFACE	---	---
	TYPICAL STRIPING	---	---
	ADA STRIPING	---	---
	TRAFFIC CONTROL BOX	---	---
	TRAFFIC LIGHT	---	---
	DEPT. OF TRANSPORTATION MANHOLE	⊕	⊕
	STATE HIGHWAY DEPARTMENT	⊕	⊕
	RAILROAD CROSSING BEACON	⊕	⊕
	CALL BOX	⊕	⊕
	OIL FILL	⊕	⊕
	UNDERGROUND STORAGE TANK LID	⊕	⊕
	RISER PIPE	⊕	⊕
	RAISED PAVEMENT MARKER	⊕	⊕

ITEM	DESCRIPTION	EXISTING	PROPOSED
	BBQ GRILL	⊕	⊕
	WATER FOUNTAIN	⊕	⊕
	KIOSK	⊕	⊕
	AIR CONDITIONER	⊕	⊕
	PARKING METER	⊕	⊕
	FIRE CONTROL VALVE	⊕	⊕
	BARRICADE	---	---

ITEM	DESCRIPTION	EXISTING	PROPOSED
	PHOTO LOCATION	⊕	⊕
	BENCHMARK LOCATION	⊕	⊕
	TYPICAL SECTION ARROW	---	---
	MATCH LINE	---	---
	TYPICAL NORTH ARROW	---	---

ABBREVIATIONS	
APR.	APRON
BL	BASELINE
BM	BENCH MARK
BIT.	BITUMINOUS
BLDG.	BUILDING
CL	CENTERLINE
C.I.P.	CAST IRON PIPE
CONC.	CONCRETE
C.M.P.	CORRUGATED METAL PIPE
CULV.	CULVERT
D.C.	DEPRESSED CURB
DH	DRILL HOLE
DIA.	DIAMETER
DWY	DRIVEWAY
D.I.P.	DUCTILE IRON PIPE
EL.	ELEVATION
EX	EXISTING
E.B., W.B., N.B., S.B.	EASTBOUND, WESTBOUND, NORTHBOUND, SOUTHBOUND
G	GUTTER
GR	GRATE
HW	HEADWALL
H.D.P.E.	HIGH DENSITY POLYETHYLENE PIPE
INV.	INVERT
IP	IRON PIN
J.B.	JUNCTION BOX
L.S.T.	LANDSCAPE TIE
L.O.M.	LIMIT OF MILLING
L.O.P.	LIMIT OF PAVING
MB	MAILBOX
MAX.	MAXIMUM
MIN.	MINIMUM
NO.	NUMBER
N.T.S.	NOT TO SCALE
PERF.	PERFORATED
PC	POINT OF CURVATURE
PI	POINT OF INFLECTION
PT	POINT OF TANGENCY
PK	PARKER KAYLON MASONRY NAIL
PROP.	PROPOSED
P.V.C.	POLYVINYL CHLORIDE PIPE
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
RMC	RIGID METALLIC CONDUIT
R.O.W.	RIGHT OF WAY
R.R.	RAILROAD
RTE.	ROUTE
SAN.	SANITARY
SWK	SIDEWALK
S.H.D.	STATE HIGHWAY DEPARTMENT
SHLD.	SHOULDER
STY.	STORY
T.B.A.	TO BE ABANDONED
T.B.R.	TO BE REMOVED
TC	TOP OF CURB
TEL	TELEPHONE
TEMP.	TEMPORARY
TYP.	TYPICAL
U.D.	UNDERDRAIN
U.P.	UTILITY POLE
VAR.	VARIES
WM	WATER METER

NO.	REVISION	DATE	BY	CHK. BY		
LEGEND						
2026 IRVING PLACE						
ROADWAY IMPROVEMENTS						
TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
		DATE: 05/20/2026				
TOWN OF SECAUCUS ENGINEERING DEPARTMENT 20 CENTRE AVENUE, SECAUCUS, NJ 07094 (201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUSNJ.GOV						
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
AS NOTED	2/26	S.P.G.	S.P.G.	R.S.M.	26-104-C-2	2 OF 9

NEGLIA GROUP EXISTING SURVEY

PROJECT NOTES

- EXISTING CONDITIONS AND ELEVATIONS WERE SURVEYED BY NEGLIA GROUP. THE IRVING PLACE SURVEY IS TITLED IRVING PLACE FROM CENTRE PLACE TO PATERSON PLANK ROAD, TOWN OF SECAUCUS AND IS DATED NOVEMBER 7, 2025. THE SURVEY HAS BEEN VERIFIED BY GARY A. VEENSTRA, PLS, PROFESSIONAL LICENSED LAND SURVEYOR, N.J.P.S. LIC. 24G503721300. ORIGINAL COPIES CAN BE OBTAINED FROM THE ENGINEER'S OFFICE.
- THE HORIZONTAL DATUM, MERIDIAN IS BASED ON NEW JERSEY PLAN COORDINATE SYSTEM NAD-1983 (2011) AS ESTABLISHED USING GPS METHODS AND THE SMARTNET NETWORK. THE ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF NAVD-1988, AS ESTABLISHED USING GPS METHODS AND THE SMARTNET NETWORK.
- THE LOT LINES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY.
- UNDERGROUND UTILITIES IF DEPICTED ARE BASED ON VISIBLE EVIDENCE. THE LACK OF UTILITY INFORMATION DOES NOT DENY THE EXISTENCE OF SAME. PRIOR TO ANY CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED TO VERIFY THE PRESENCE OR ABSENCE OF UTILITIES.
- FENCES & WALLS HAVE BEEN LOCATED AT THE BOTTOM OF THE STRUCTURES, AT THE TIME OF FIELD SURVEY.
- LOT AND BLOCK NUMBERS SHOWN HEREON REFER TO THE TOWN OF SECAUCUS TAX MAP SHEET NO. 34 DATED NOVEMBER 30, 1991.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
- ELEVATIONS OF ALL STRUCTURES THAT ARE TO BE RESET SHALL BE ESTABLISHED IN THE FIELD.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF THE CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
- ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED, SEEDED, AND BACKFILLED AS DIRECTED.
- ALL FILL SHALL BE PLACED IN MAXIMUM 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED, IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF THE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT HE DAMAGES.
- APPROXIMATE DEPTH OF ALL WATER MAIN IS ± 4 FEET.
- APPROXIMATE DEPTH OF ALL GAS MAIN IS ± 3 FEET.
- ALL CONSTRUCTION DETAILS NOT SHOWN SHALL BE IN ACCORDANCE WITH N.J.D.O.T. STANDARDS AS DETAILED IN:
 - "STANDARD ROADWAY CONSTRUCTION/TRAFFIC CONTROL/BRIDGE CONSTRUCTION DETAILS."
 - "STANDARD ELECTRICAL DETAILS"
 INCLUDING ALL APPLICABLE BASELINE DOCUMENT CHANGES AND APPENDICES.
- SEPARATE PAYMENT WILL NOT BE MADE FOR SAW CUTTING OF ANY KIND, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
- PAYMENT FOR JOINT MATERIAL FOR ALL CONCRETE WORK WILL NOT BE MEASURED BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST DETAILS TCD-1 THROUGH TCD-5.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING CONCRETE CURB, SIDEWALK, AND DRIVEWAY APRONS NOT SHOWN TO BE REMOVED. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETE REMOVAL AND REPLACEMENT OF ANY DAMAGED CURB, SIDEWALK, AND DRIVEWAY APRONS NOT DOCUMENTED PRIOR TO THE START OF CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
- THE 2019 NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT) STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION ALONG WITH SUPPLEMENTAL SPECIFICATION AS MODIFIED SHALL GOVERN THIS PROJECT.
- ALL UNUSED MATERIAL EXCAVATED FROM THE PROJECT SITE ARE TO BE DISPOSED OF AT AN APPROVED FACILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE PLANS AND SPECIFICATIONS. SEPARATE PAYMENT FOR ALL ASSOCIATED COSTS WILL NOT BE MADE, BUT SHALL BE INCLUDED UNDER VARIOUS ITEMS OF THE PROPOSAL.
- CONTRACTOR IS RESPONSIBLE TO ENSURE POSITIVE DRAINAGE AND POSITIVE FLOWING STORMWATER ALONG ALL ROADWAYS TO BE RESURFACED. THE CONTRACTOR SHALL PROVIDE DEPRESSED CURB AT LOCATIONS ASSOCIATED WITH THE ADA RAMPS AND ENSURE POSITIVE DRAINAGE ADJACENT TO THE RAMP AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. SEPARATE PAYMENT WILL NOT BE MADE FOR LAYOUT ENSURING POSITIVE DRAINAGE BUT ALL COSTS SHALL BE INCLUDE IN THE VARIOUS ITEMS OF THE PROPOSAL.
- CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES DISTURBED DURING CONSTRUCTION (I.E. MAILBOXES, IRRIGATION SYSTEMS, LANDSCAPING, ETC.). ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING SITE.
- THE CONTRACTOR SHALL ANTICIPATE GROUND WATER INFILTRATION INTO ALL OF THE STORM SEWER PIPES, INLETS AND MANHOLES WHEN PERFORMING THE VARIOUS TASKS ASSOCIATED WITH THIS PROJECT. ALL COSTS ASSOCIATED WITH THE TEMPORARY BYPASS PUMPING AND OR DEWATERING SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROPOSAL.

- THE CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING THE PAVED CARTWAY FREE AND CLEAR OF SEDIMENT EACH DAY THE WORK PROGRESSES AND AS OFTEN AS NECESSARY TO KEEP A CLEAN BROOM SWEEP CONDITION AND OR AS DIRECTED BE THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE A SEPARATE TRAFFIC CONTROL/DETOUR PLAN FOR WORK IN EACH ROAD SEGMENT AND INTERSECTION. ALL PLANS SHALL BE APPROVED BY OWNER PRIOR TO IMPLEMENTATION.
- TRAFFIC CONTROL INCLUDING ALL DEVICES SHALL BE PAID UNDER THE APPROPRIATE ITEMS, AND SHALL BE IN ACCORDANCE WITH THE MOST CURRENT M.U.T.C.D. AND N.J.D.O.T. DETAILS.
- ALL WORK SHALL BE COORDINATED WITH SEPARATE CONTRACTORS FOR ONGOING WORK IN AREAS SURROUNDING THE SITES.
- ALL PEDESTRIAN ACCESS TO SIDEWALKS AND STREETS, INCLUDING CROSSWALKS, CURB RAMP, STREET FURNISHINGS, PEDESTRIAN SIGNALS, PARKING AND OTHER COMPONENTS OF PEDESTRIAN ACCESS PROPOSED IN THE RIGHT-OF-WAY ARE TO BE IN ACCORDANCE WITH ADA & ABA ACCESSIBILITY GUIDELINES AND THE CURRENT PUBLIC RIGHTS-OF-WAY GUIDELINES PROPOSED BY THE ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD (ACCESS BOARD).
- INLETS, AND ALL OTHER UTILITY ACCESS PANELS AND VAULTS, SHALL NOT BE LOCATED WITHIN PUBLIC SIDEWALK CURB RAMPS. CONTRACTOR SHALL ADJUST CURB RAMP LOCATIONS IN THE FIELD WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE RECENT UTILITY RELOCATIONS.
- PAYMENT FOR OBSTRUCTION REMOVAL SUCH AS TREE ROOTS AND EXISTING INFRASTRUCTURE WHICH MAY INTERFERE WITH THE PROPOSED CONSTRUCTION, SHALL BE INCLUDED IN THE ITEM "CLEARING SITE".
- A MINIMUM OF ONE (1) FOOT OF PAVING SHALL BE REMOVED AROUND THE PERIMETER OF ALL MANHOLE AND INLET CASTINGS TO ENSURE A MINIMUM OF TWO (2) INCHES OF SURFACE COURSE IS PROVIDED AROUND THEM. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "HOT MIX ASPHALT 9.5M64 SURFACE COURSE".
- AT ALL LIMITS OF PAVING (L.O.P.) THE CONTRACTOR SHALL SAWCUT, TACK COAT AND SEAL TO MATCH EXISTING PAVEMENT. SEPARATE MEASUREMENT AND PAYMENT FOR ALL THIS WORK SHALL NOT BE MADE AND ALL COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE BID.
- ALL TREE REMOVALS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO REMOVAL. ALL TREE PLANTINGS ARE APPROXIMATE WITH FINAL LOCATIONS TO BE ESTABLISHED IN THE FIELD.
- MANHOLE FRAMES AND COVERS ARE TO PROVIDE FOR A THIRTY-INCH CLEAR-OPENING AT THE COVER IN ORDER TO ALLOW EASIER ACCESS UNDER CONFINED SPACE ENTRY REQUIREMENTS. CAMPBELL FOUNDRY PATTERN NUMBER 1012B OR NJDOT APPROVED EQUAL.
- THE TOWN OF SECAUCUS WILL BE REPLACING AND INSTALLING ALL NECESSARY SIGNAGE FOR THE PROJECT, UNLESS OTHERWISE DIRECTED ON THE PLAN SHEETS. SLEEVES IN PROPOSED CONCRETE MAY BE REQUIRED AS DIRECTED BY THE RE OR DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR IS TO NOTE THAT NOT ALL ROOF LEADERS ARE INDICATED ON THE PLANS. HOWEVER, ALL ENCOUNTERED ROOF LEADERS ARE TO BE REPLACED AND BROUGHT THROUGH THE PROPOSED CURB. FOR BIDDING PURPOSES IS TO ESTIMATE ONE (1)PVC SCHEDULE 40 ROOF LEADER AT 3" IN DIAMETER PER DWELLING ON AVERAGE FROM IMMEDIATELY BEHIND THE PROPOSED SIDEWALK. IN ADDITION, A 4" PVC SLEEVE THE WIDTH OF THE CURB IS TO BE PROVIDED. NO SEPARATE PAYMENT WILL BE MADE, BUT ALL COSTS ARE TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE PROPOSAL.
- THE CONTRACTOR IS TO NOTE THAT HE WILL NEED TO HIRE A NEW JERSEY PROFESSIONAL SURVEYOR TO LAYOUT THE PROJECT. SURVEY OFF-SETS SHOTS SHALL AT A MINIMUM, INCLUDE HORIZONTAL AND VERTICAL CURB AND DRAINAGE STRUCTURES. THE CUT SHEETS LAYOUT SHALL BE SUBMITTED TO THE ENGINEERS OFFICE WITH THE SUBMITTAL PACKAGE AND REVIEWED TO DETERMINE ACCURACY. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION LAYOUT SHALL BE INCLUDED IN THE PAY ITEM "CONSTRUCTION LAYOUT."
- THE CONTRACTOR IS NOT TO PERFORM ANY WORK OUTSIDE THE SCOPE OF WORK, PROJECT SPECIFICATIONS AND PROJECT DRAWINGS, OR WITHOUT DIRECTION FROM THE ENGINEER IN WRITING. SUCH WORK MAY RESULT IN THE STOPPAGE OF WORK OR TERMINATION OF CONTRACT.
- THE CONTRACTOR SHALL UTILIZE A QUALIFIED ARBORIST FOR ALL TREE TRIMMINGS.
- THE CONTRACTOR SHALL EXERCISE PARTICULAR CARE, ESPECIALLY AT INTERSECTIONS AND GUTTER LINES, IN MILLING AND CONSTRUCTION OF PAVEMENT TO PROVIDE POSITIVE FLOWING STORMWATER. ANY AREAS WHERE WATER IS IMPOUNDED SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- NO SEPARATE PAYMENT WILL BE MADE FOR DRIVEWAY RESTORATION AND RESETTING OF PAVERS. ALL COSTS ARE TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE PROPOSAL.

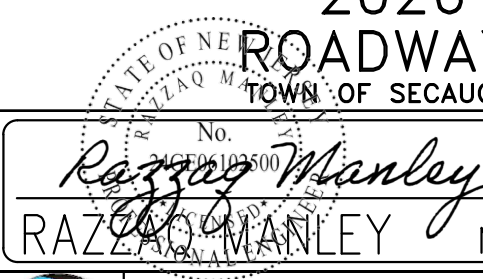
ESTIMTATE OF QUANTITIES

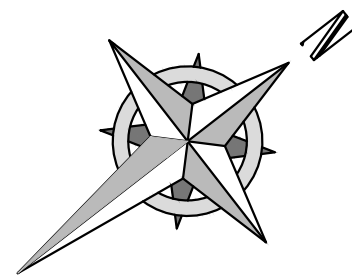
BASE BID

Item No.	Description	Unit	Plan Quantity	If & Where Directed	Total Quantity
1	CLEARING SITE	LS	1	0	1
2	BREAKAWAY BARRICADE	UN	5	0	5
3	DRUM	UN	5	0	5
4	TRAFFIC CONES	UN	50	0	50
5	CONSTRUCTION SIGNS	SF	100	0	100
6	CONCRETE ROADWAY REMOVAL	SY	156	14	170
7	HMA MILLING, 3" OR LESS	SY	1473	127	1600
8	TACK COAT	GAL	145	5	150
9	HOT MIX ASPHALT 9.5M64, SURFACE COURSE	TON	177	13	190
10	DETECTABLE WARNING SURFACE	SY	5.4	0.9	6.3
11	CONCRETE SIDEWALK, 4" THICK	SY	412	18	430
12	CONCRETE DRIVEWAY, REINFORCED, 6" THICK	SY	88	12	100
13	9" X 18" CONCRETE VERTICAL CURB	LF	875	15	890
14	16" DECORATIVE GUTTER CURB	LF	26	4	30
15	INLET, TYPE B- MODIFIED, DOGHOUSE	UN	1	0	1
16	INLET, TYPE B	UN	2	0	2
17	MANHOLE, DOGHOUSE	UN	1	0	1
18	12" PVC OVERFLOW DRAIN PIPE	LF	2	0	2
19	12" PVC PIPE	LF	30	5	35
20	TRAFFIC MARKINGS LINES, 4"	LF	99	11	110
21	TRAFFIC MARKINGS LINES, 6"	LF	144	16	160
22	TRAFFIC MARKINGS, SYMBOLS	SF	72	8	80
23	CURB PAINT	LF	157	13	170
24	DECORATIVE CROSSWALK	SF	361	19	380
25	RIVER STONE	CY	6	2	8
26	TOPSOILING, 4" THICK	SY	340	10	350
27	TOPSOILING, 9" THICK	SY	16	4	20
28	BORROW TOPSOIL	CY	14	6	20
29	FERTILIZING AND SEEDING, TYPE A-3	SY	340	10	350
30	TREE REMOVAL 6"-12" DIA.	UN	1	0	1
31	TREE REMOVAL 12"-24" DIA.	UN	2	0	2
32	RESET EXISTING CASTING	UN	0	3	3
33	RESET VALVE BOX	UN	2	2	4
34	SPEED TABLE	LS	1	0	1
35	SPEED TABLE MARKINGS AND SIGNS	LS	1	0	1
36	CONSTRUCTION LAYOUT	LS	1	0	1

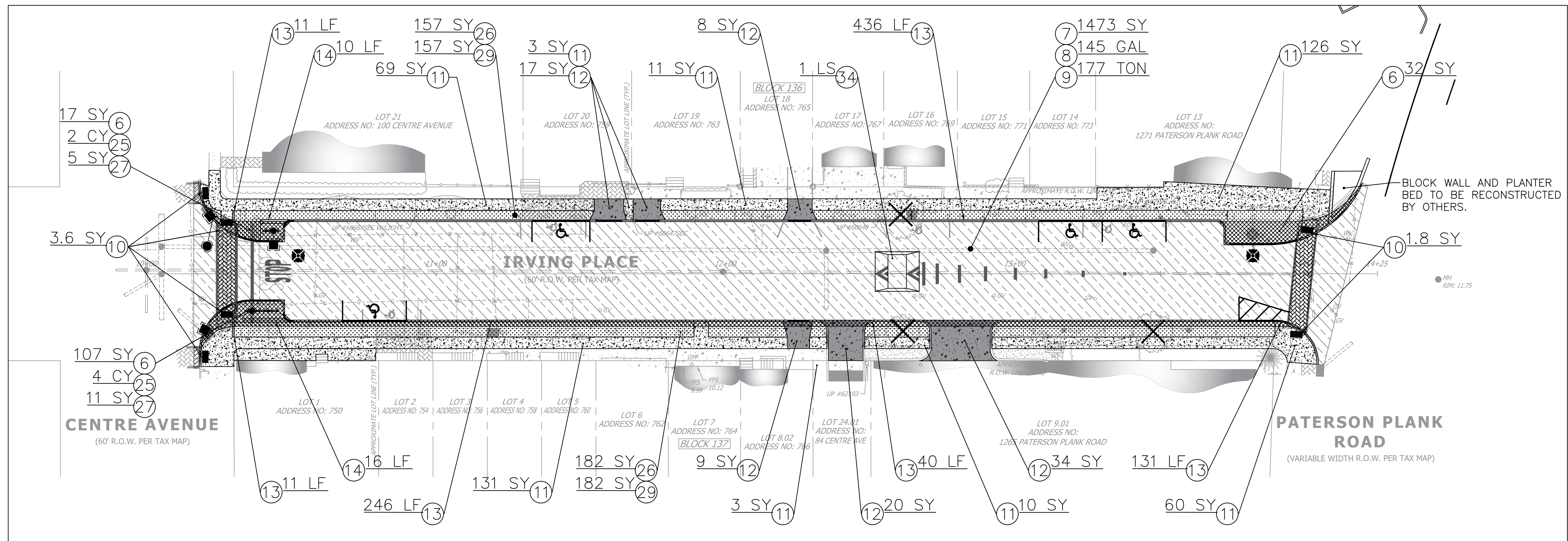
ALT A

Item No.	Description	Unit	Plan Quantity	If & Where Directed	Total Quantity
A1	DECORATIVE CROSSWALK	SF	363	37	400
A2	TRAFFIC MARKINGS LINES, 6"	LF	118	2	120

NO.	REVISION	DATE	BY	CHK. BY		
QUANTITIES & NOTES 2026 IRVING PLACE ROADWAY IMPROVEMENTS TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
 Razaq Manley RAZAQ MANLEY		DATE: 05/20/2026 NJ PROFESSIONAL ENGINEER LIC. NO. 24GE06102500				
TOWN OF SECAUCUS ENGINEERING DEPARTMENT 20 CENTRE AVENUE, SECAUCUS, NJ 07094 (201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUS.NJ.GOV						
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
AS NOTED	XX/XX	S.P.G.	S.P.G.	R.S.M.	26-104-C-3	3 OF 9

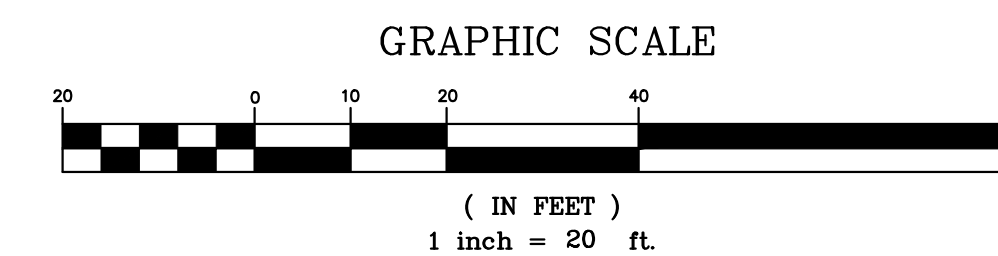


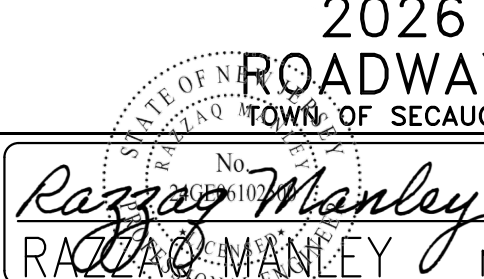
TO BE CONSTRUCTED							
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
6	CONCRETE ROADWAY REMOVAL	SY	156	14	16" DECORATIVE GUTTER CURB	LF	26
7	HMA MILLING, 3" OR LESS	SY	1473	25	RIVER STONE	CY	6
8	TACK COAT	GAL	145	26	TOPSOILING, 4" THICK	SY	340
9	HOT MIX ASPHALT 9.5M64, SURFACE COURSE	TON	177	27	TOPSOILING, 9" THICK	SY	16
10	DETECTABLE WARNING SURFACE	SY	5.4	29	FERTILIZING AND SEEDING, TYPE A-3	SY	340
11	CONCRETE SIDEWALK, 4" THICK	SY	412	30	TREE REMOVAL 6"-12" DIA.	UN	1
12	CONCRETE DRIVEWAY, REINFORCED, 6" THICK	SY	88	31	TREE REMOVAL 12"-24" DIA.	UN	2
13	9"X18" CONCRETE VERTICAL CURB	LF	875	34	SPEED TABLE	LS	1

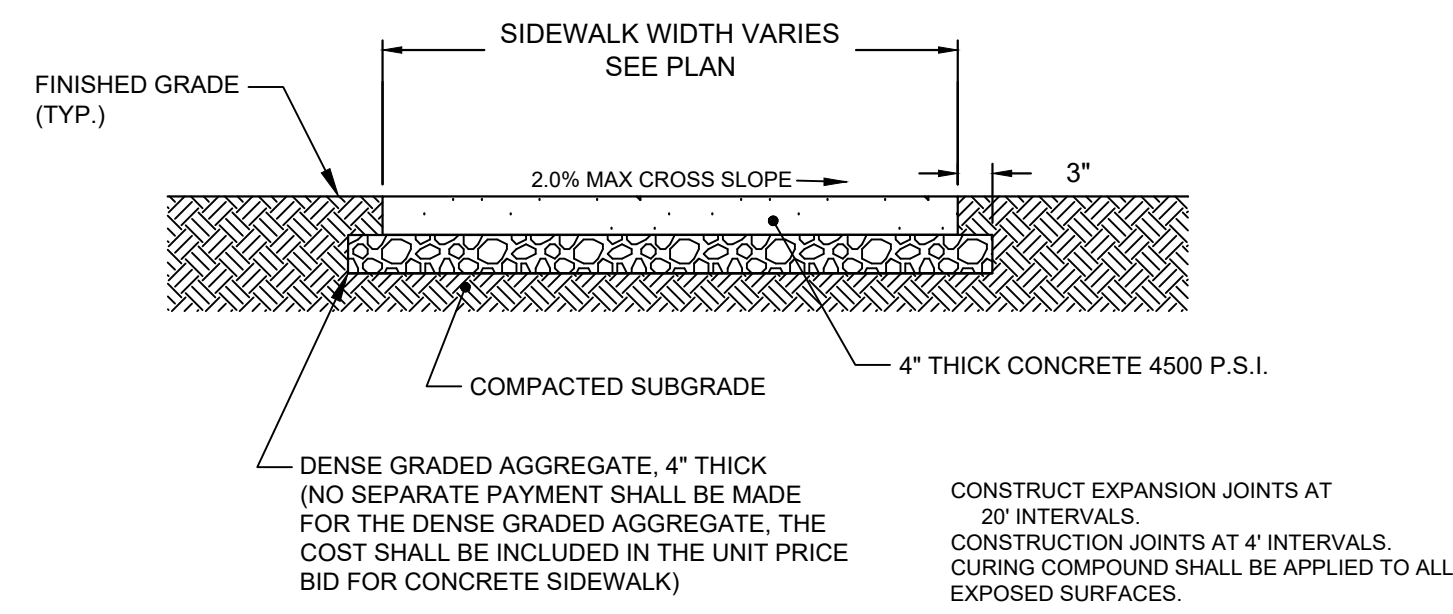


CONSTRUCTION PLAN

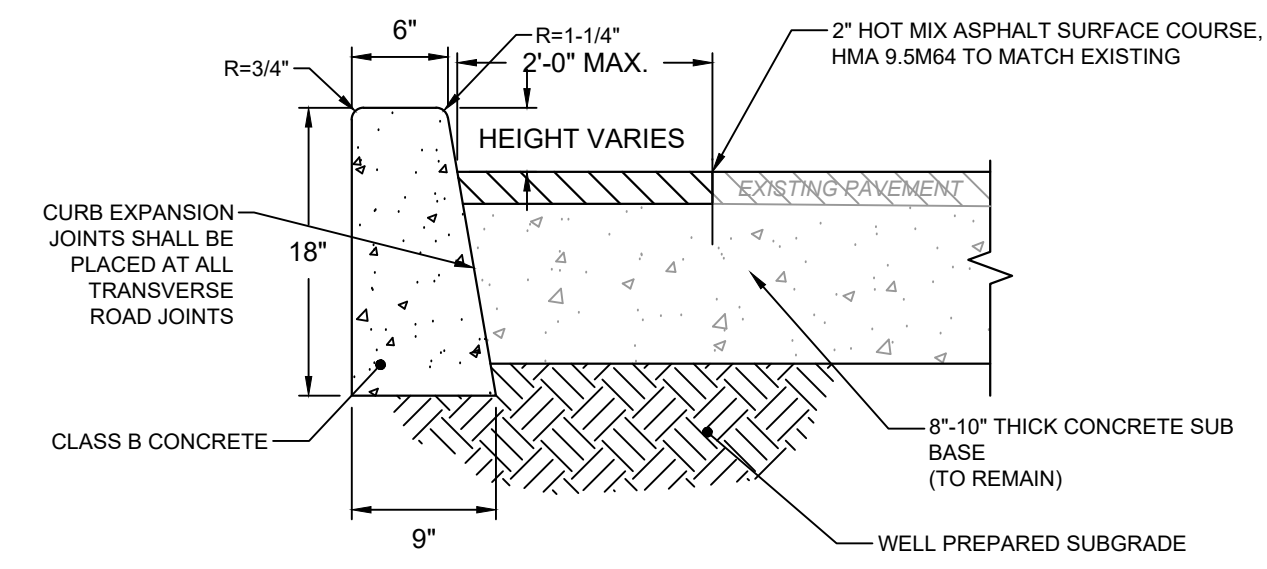
SCALE: 1" = 20'



NO.	REVISION	DATE	BY	CHK. BY		
CONSTRUCTION PLAN 2026 IRVING PLACE ROADWAY IMPROVEMENTS TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
 Razzag Manley RAZZAG MANLEY		DATE: 05/20/2026 NJ PROFESSIONAL ENGINEER LIC. NO. 24GE06102500				
TOWN OF SECAUCUS ENGINEERING DEPARTMENT 20 CENTRE AVENUE, SECAUCUS, NJ 07094 (201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUSNJ.GOV						
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
1"=20'	2/26	S.P.G.	S.P.G.	R.S.M.	26-104-C-4	4 OF 9

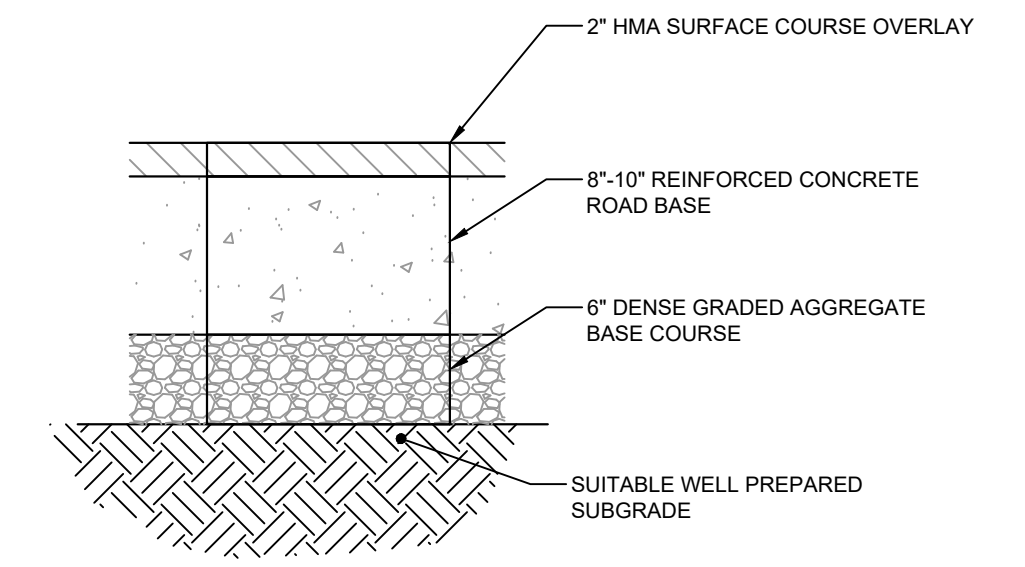


TYPICAL CONCRETE SIDEWALK DETAIL



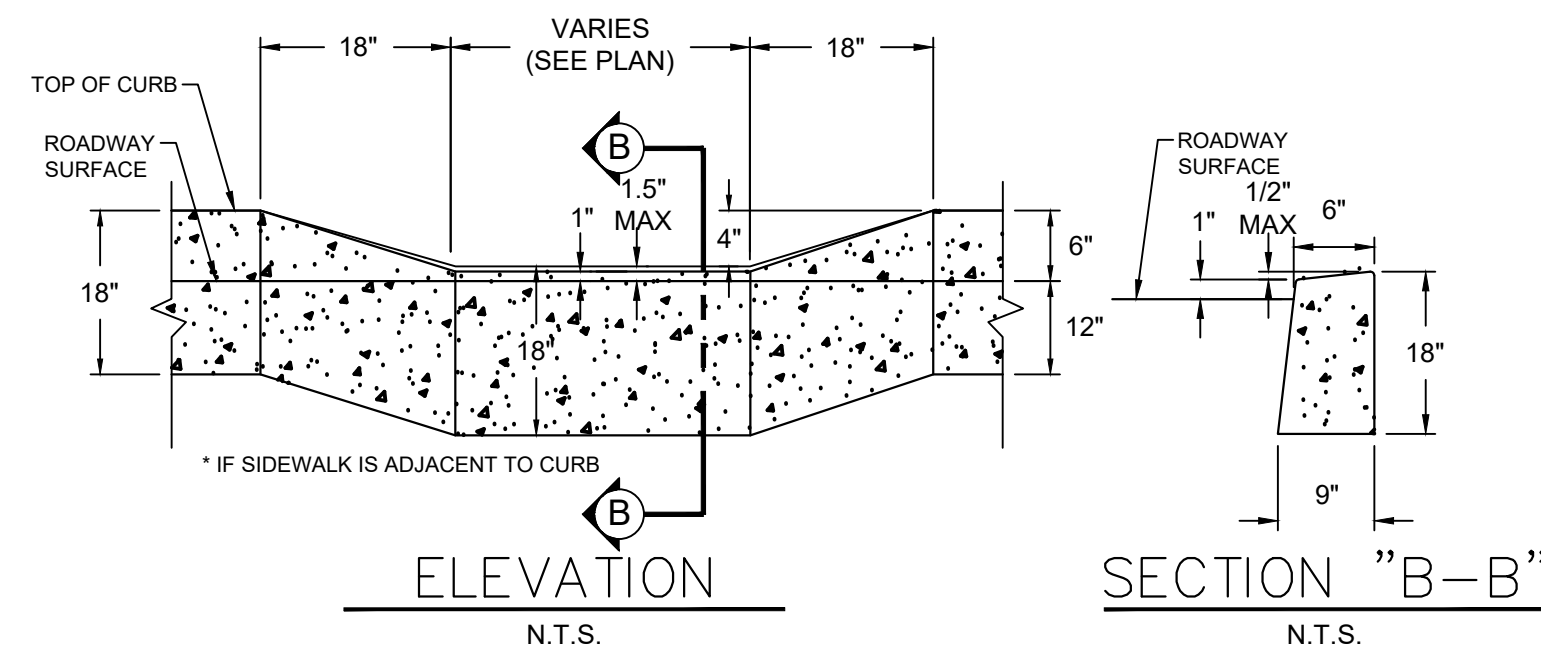
1. THE EXISTING ASPHALT OVERLAY SHALL BE SAWCUT IN A STRAIGHT LINE PARALLEL TO THE FACE OF NEW CURB AND THE NEW PAVEMENT SHALL BE TACKED & BUTTED TO THE EXISTING PAVEMENT.
2. ALL MATERIAL, REPAIR STRIPS AND EXCAVATION NEEDED FOR IN SIDEWALKS TO BE INCLUDED IN THE UNIT PRICE BID FOR "9"x18" CONCRETE VERTICAL CURB".
3. EXPANSION JOINTS 2" WIDE SHALL BE INSTALLED IN THE CURB 10' APART & FILLED WITH CELLULAR COMPRESSION MATERIAL AS SPECIFIED AND RECESSED 1/2" FROM THE FACE AND TOP OF THE CURB. EXPANSION AND CONSTRUCTION JOINTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE CURB. CONSTRUCTION JOINTS SHALL BE CUT MID-POINT BETWEEN EXP. JOINTS.
4. DISTURBED AREAS WITHIN PARK STRIP TO BE RESTORED WITH 4" THICK TOPSOIL, FERTILIZER, SEED, BORROW TOPSOIL, STRAW MULCHED AND SLOPED TOWARD THE ROAD TO PROVIDE A 2% MINIMUM GRADE.
5. THE SIDEWALK SHALL BE SLOPED TOWARD THE CURB AT A 2% MAXIMUM GRADE.
6. EXPANSION JOINTS FOR CURB SHALL BE PLACED MEETING EXISTING CONCRETE ROADWAY JOINTS
7. CURING COMPOUND SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.

9" X 18" CONCRETE VERTICAL CURB

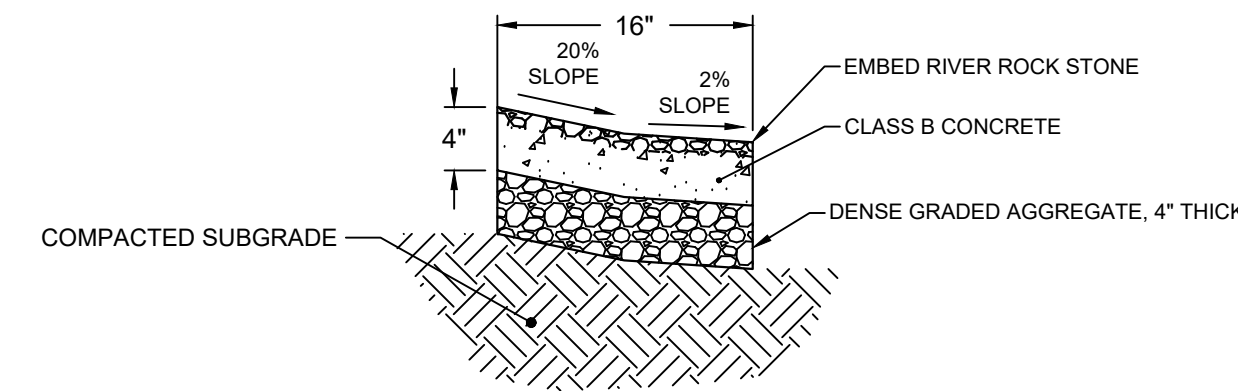


1. THE EXISTING ROADWAY SHALL BE SAWCUT, AS INDICATED ON THE PLANS.
2. ALL ASPHALT, CONCRETE AND DGA SUB-BASE SHALL BE REMOVED TO ACHIEVE THE REQUIRED DEPTH TO ACCOMMODATE THE PROPOSED CONDITIONS.
3. NO SEPARATE PAYMENT WILL BE MADE FOR IMPORTING, SPREADING AND COMPACTING FILL AS NEEDED TO MEET REQUIRED GRADE.
4. ANY REMOVED CONCRETE ROAD BASE, WHICH IS TO BE LOCATED WITH-IN THE FINAL PROPOSED ROADWAY CARTWAY MUST BE REPLACED IN KIND..

CONCRETE ROADWAY REMOVAL

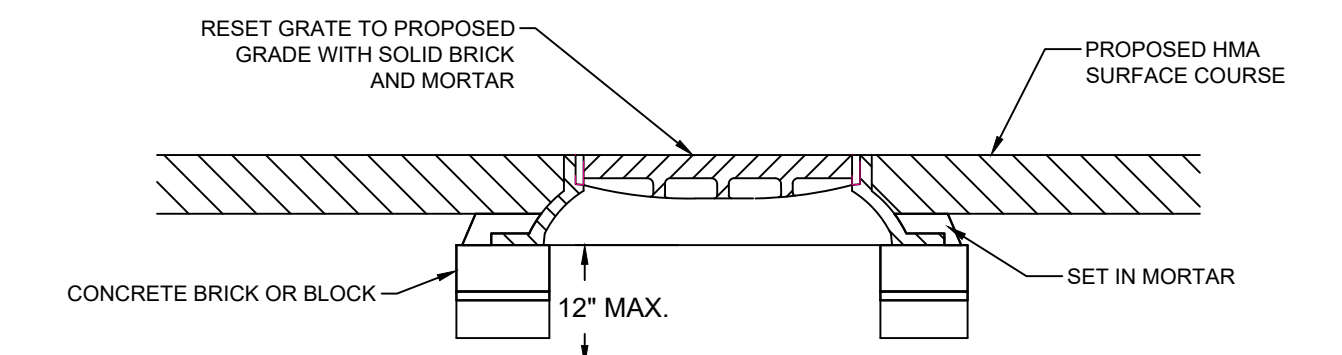


DEPRESSED CURB AT DRIVEWAY DETAIL



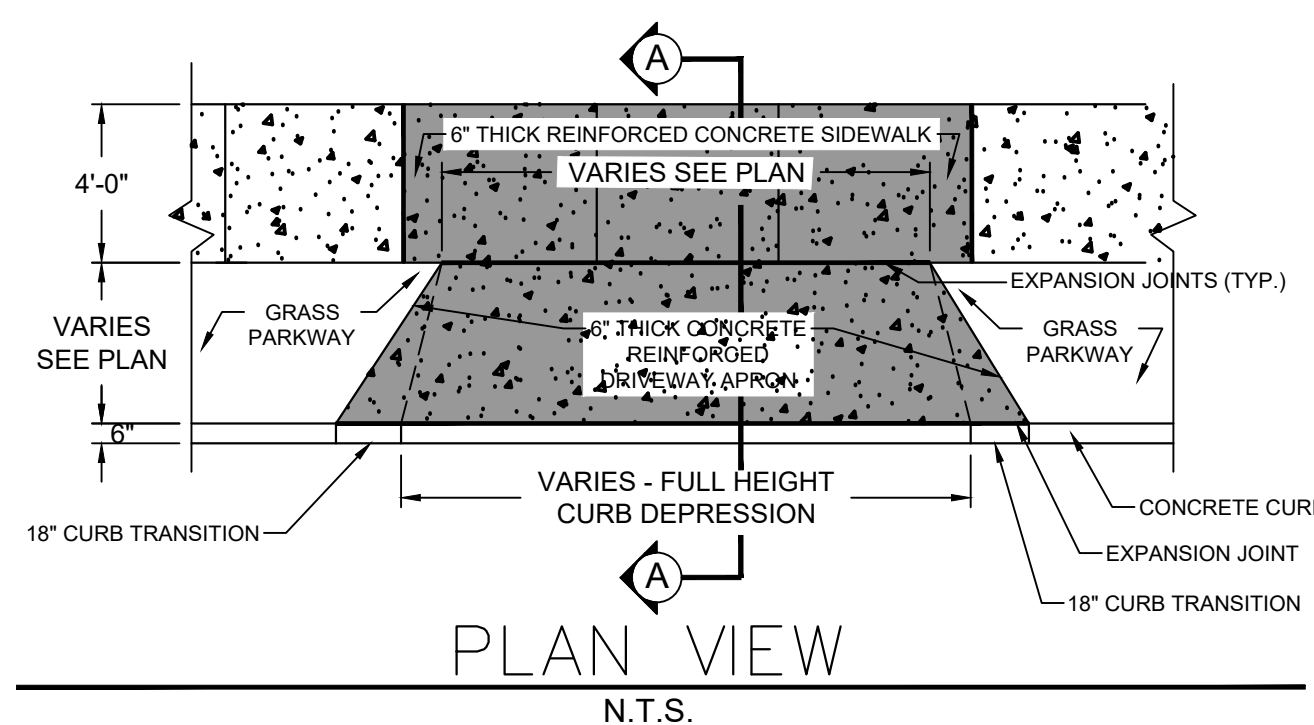
1. THE TOP SURFACE OF THE CURING CONCRETE SHALL BE COVERED AND HAVE FULLY EMBEDDED CLEAN RIVER STONE OF A SIZE BETWEEN 3/4" AND 1 1/2" IN DIAMETER.
2. THE EXPOSED TOP SURFACE OF THE RIVER STONE SHALL BE CLEAN AND FREE FROM CEMENT SLURRY.
3. THE FINAL CURED CONCRETE SURFACE SHALL FIRMLY HOLD ALL EMBEDDED RIVER STONE WITHOUT NEED TO APPLY ADDITIONAL ADHESIVES OR BONDING AGENTS.
4. NO SEPARATE PAYMENT WILL BE MADE FOR RIVER STONE OR DGA. THE PRICE SHALL BE INCLUDED IN THE ITEM "DECORATIVE GUTTER CURB."

16" DECORATIVE GUTTER CURB



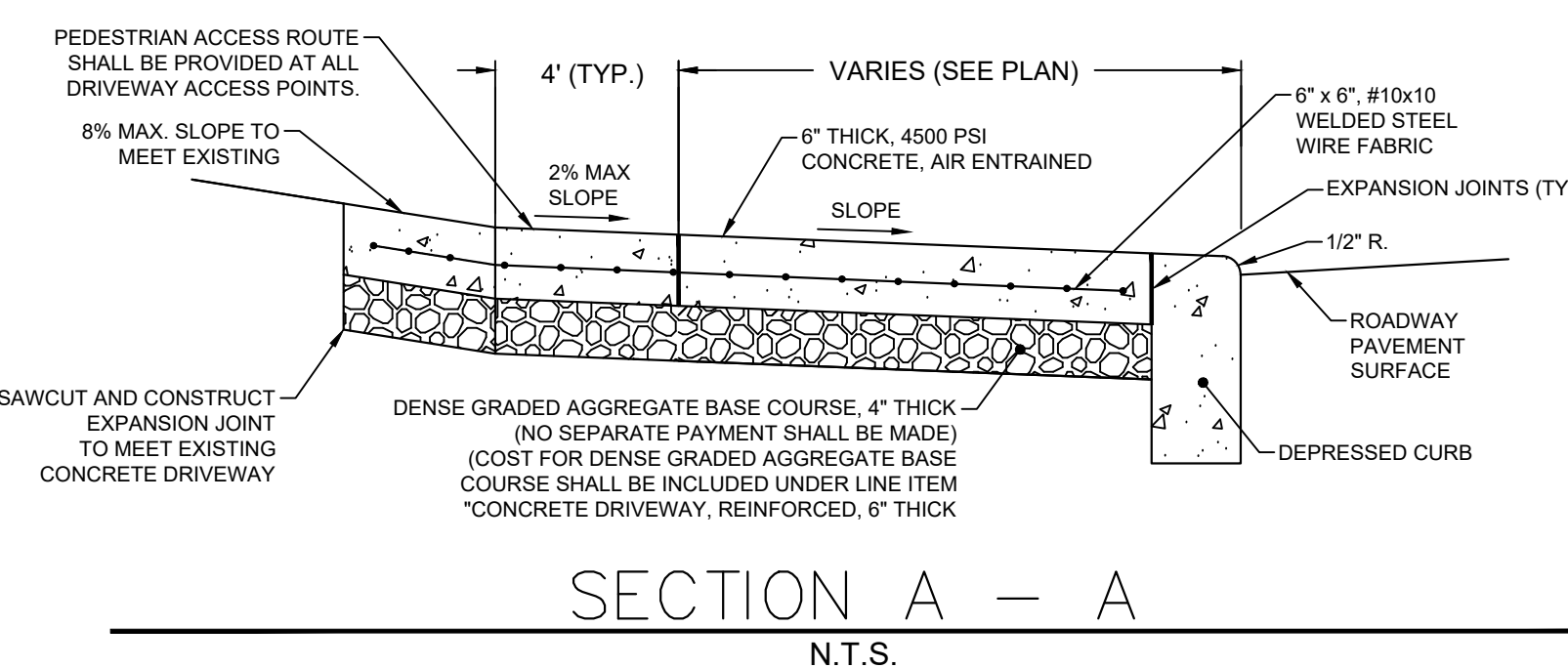
1. REMOVE UP TO 12" OF BLOCK OR BRICK BELOW THE CASTING AND REINSTALL WITH NEW CONCRETE BLOCK OR BRICK. CONTRACTOR SHALL PARGE INSIDE AND OUTSIDE OF WALLS THAT ARE EXPOSED DURING THE RESETTING PROCESS.
2. IF RESETTING A CASTING, THE CONTRACTOR SHALL UTILIZE THE EXISTING CASTING AND GRATE.

RESET EXISTING CASTING INLET OR MH

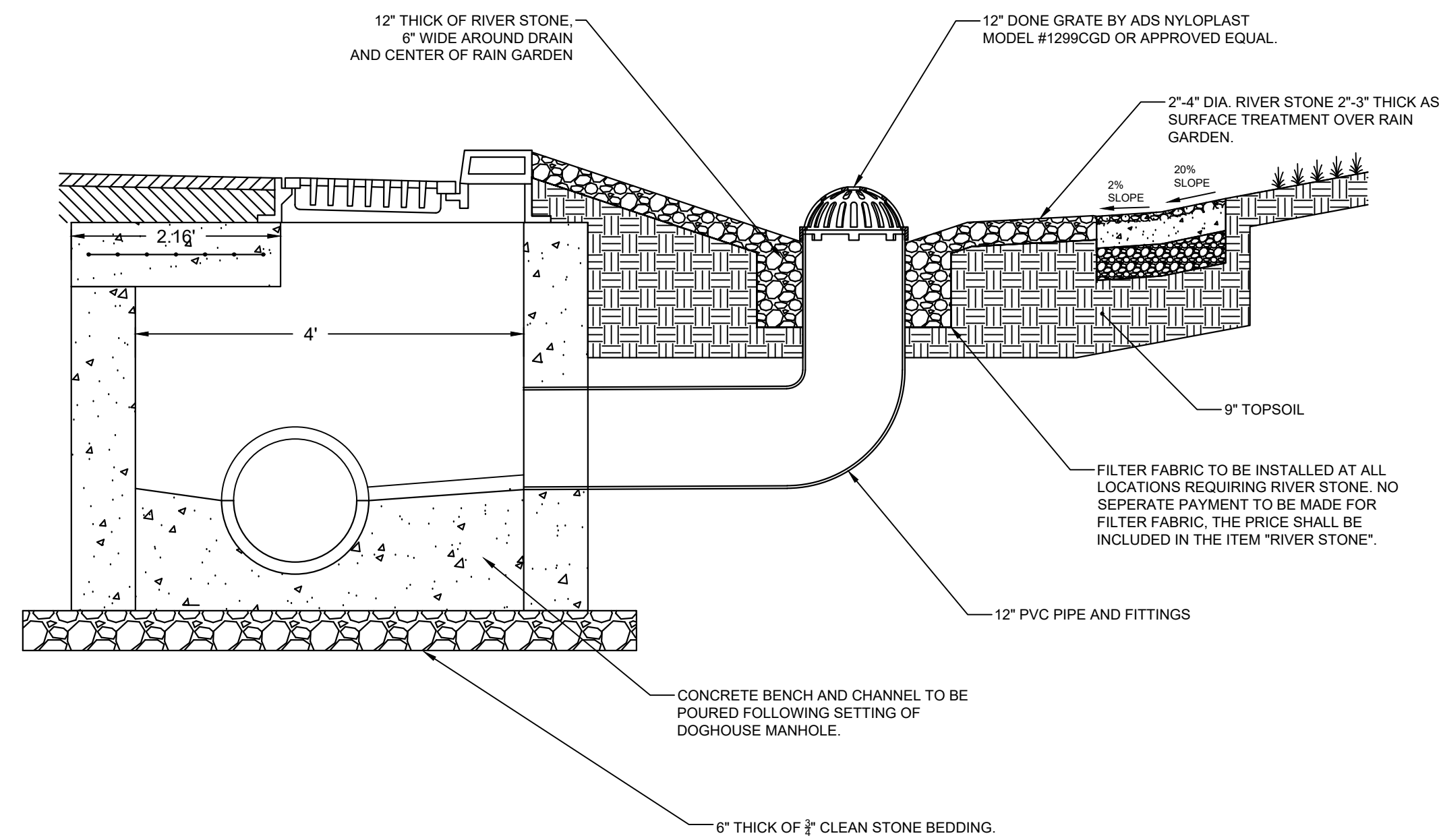


TRANSVERSE EXPANSION JOINTS, 1/2" WIDE SHALL BE PROVIDED AT INTERVALS OF NOT MORE THAN 10' AND FILLED WITH PREFORMED BITUMINOUS CELLULAR TYPE JOINT FILLER. LONGITUDINAL JOINTS, 1/2" WIDE, SHALL BE FILLED WITH PREFORMED BITUMINOUS TYPE JOINT FILLER. THE TOP OF ALL JOINT FILLER SHALL BE 1/2" BELOW THE TOP OF THE CONCRETE AND FILLED WITH JOINT SEALER (SIKAFLEXIA, OR AN APPROVED EQUAL). NO SEPARATE PAYMENT WILL BE MADE FOR DENSE-GRADED AGGREGATE BASE COURSE OR WELDED WIRE FABRIC.

CONCRETE DRIVEWAY, REINFORCED, 6" THICK DETAILS

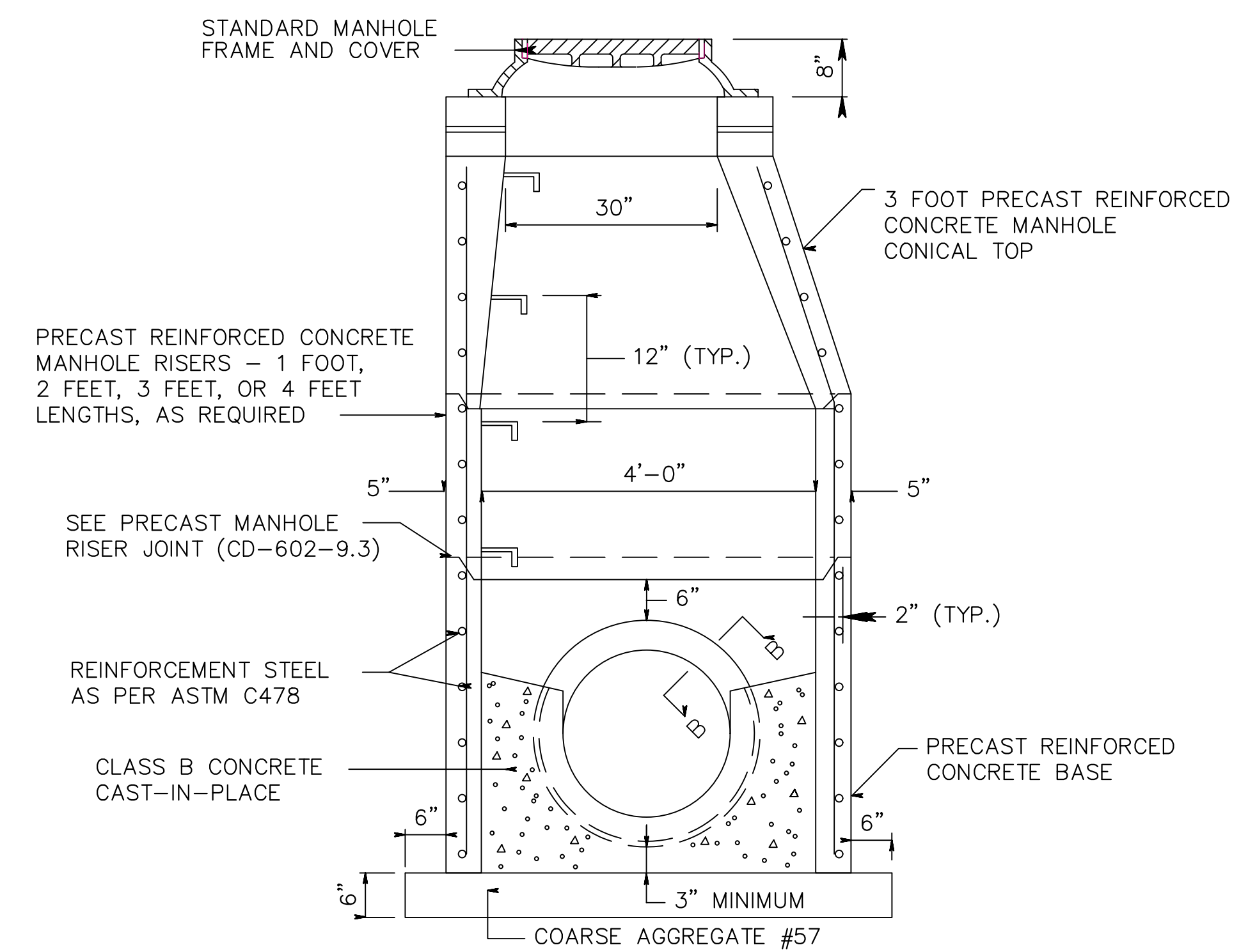


NO.	REVISION	DATE	BY	CHK. BY		
DETAILS 1						
2026 IRVING PLACE ROADWAY IMPROVEMENTS TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
No. 250		DATE: 05/20/2026				
RAZOR MANLEY		NJ PROFESSIONAL ENGINEER LIC. NO. 24GE06102500				
TOWN OF SECAUCUS ENGINEERING DEPARTMENT 20 CENTRE AVENUE, SECAUCUS, NJ 07094 (201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUS.NJ.GOV						
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
N.T.S.	3/26	S.P.G.	S.P.G.	R.S.M.	26-104-C-7	7 OF 9



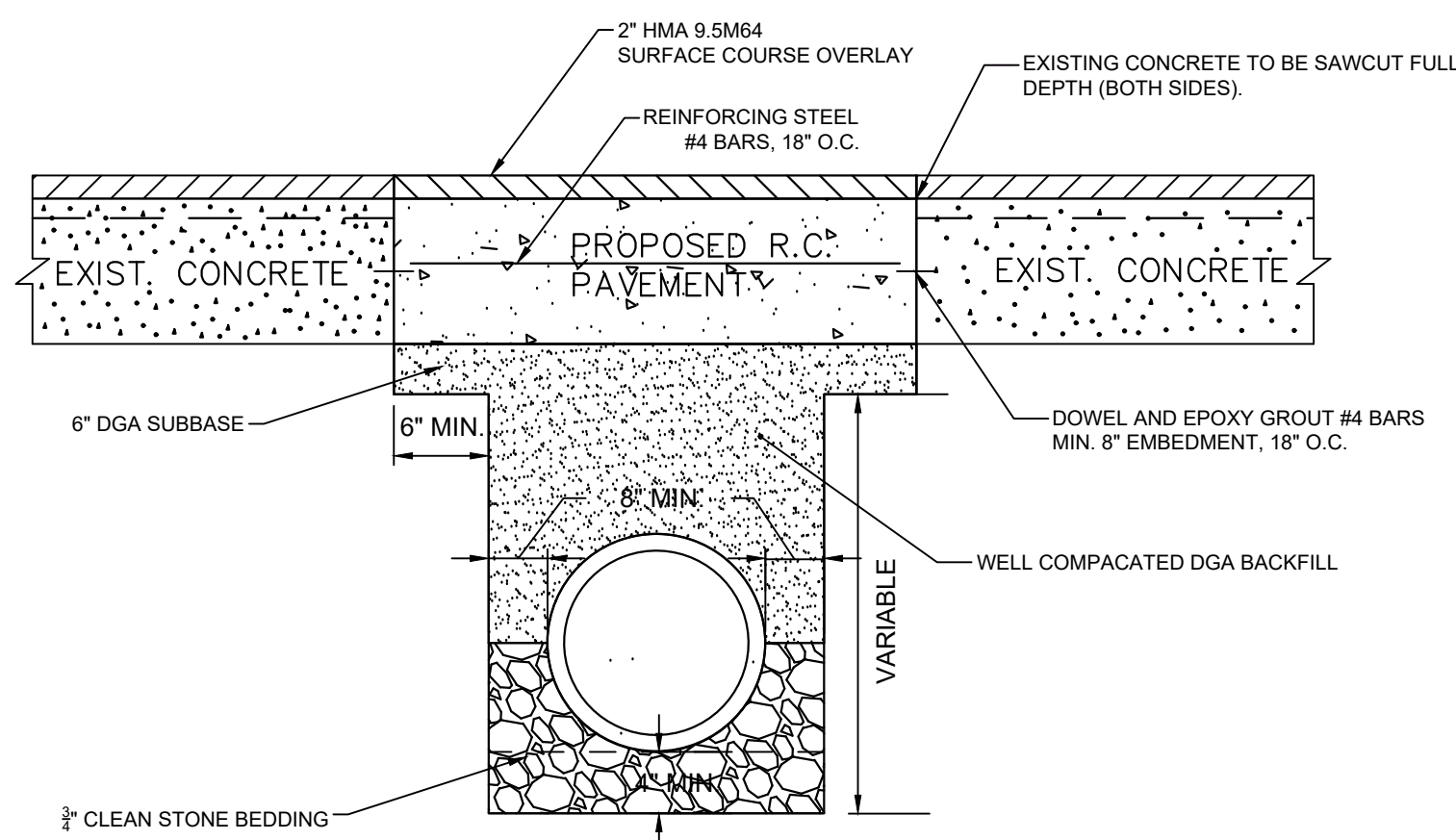
1. THE LIMITS OF THE RAIN GARDEN SHALL FOLLOW THE DEPICTED AREA ON THE PLANS INDICATING TOPSOILING 9" THICK.
2. ALL PLANTINGS TO BE PERFORMED BY THE DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH DPW TO ALLOW PLANTING DURING THE APPROPRIATE STAGES.

INLET, TYPE B – MODIFIED, DOGHOUSE,
PVC OVERFLOW DRAIN PIPE AND
RAIN GARDEN CROSS SECTION



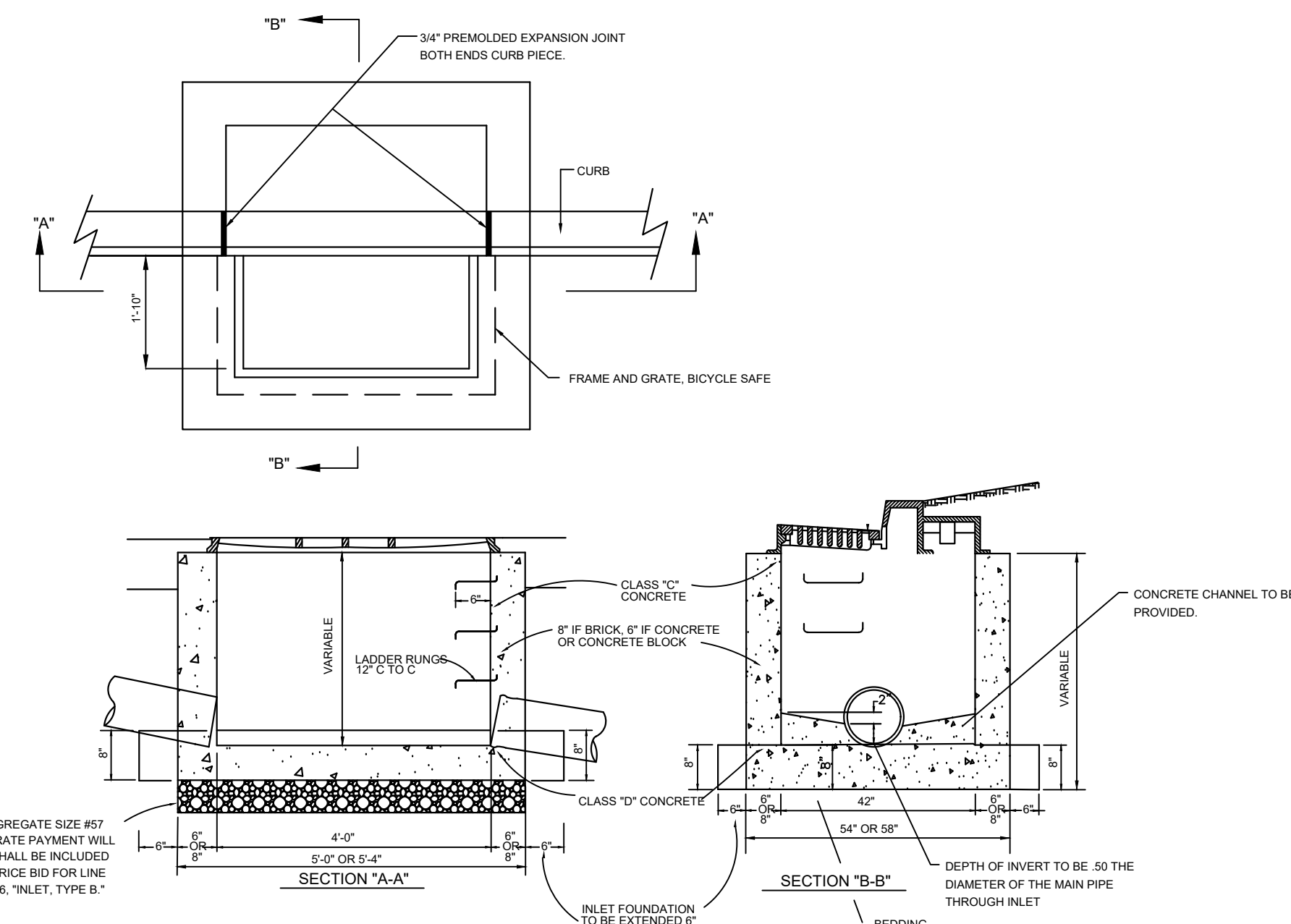
PRECAST REINFORCED CONCRETE MANHOLE SECTIONS TO CONFORM TO ASTM C478

MANHOLE, DOGHOUSE
PRECAST CONCRETE



1. NO SEPARATE PAYMENT WILL BE MADE FOR SAWCUTTING, BACKFILL OR CONCRETE ROADWAY RESTORATION. THE PRICE SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS.

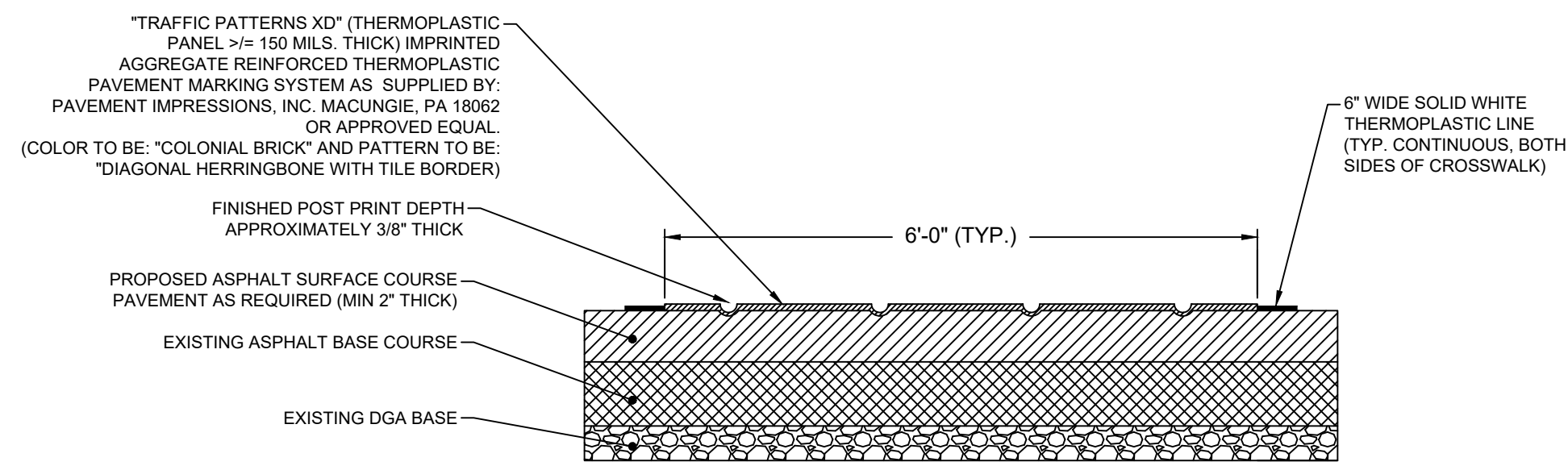
PIPE TRENCH AND CONCRETE ROADWAY
REPLACEMENT AT UTILITY TRENCH



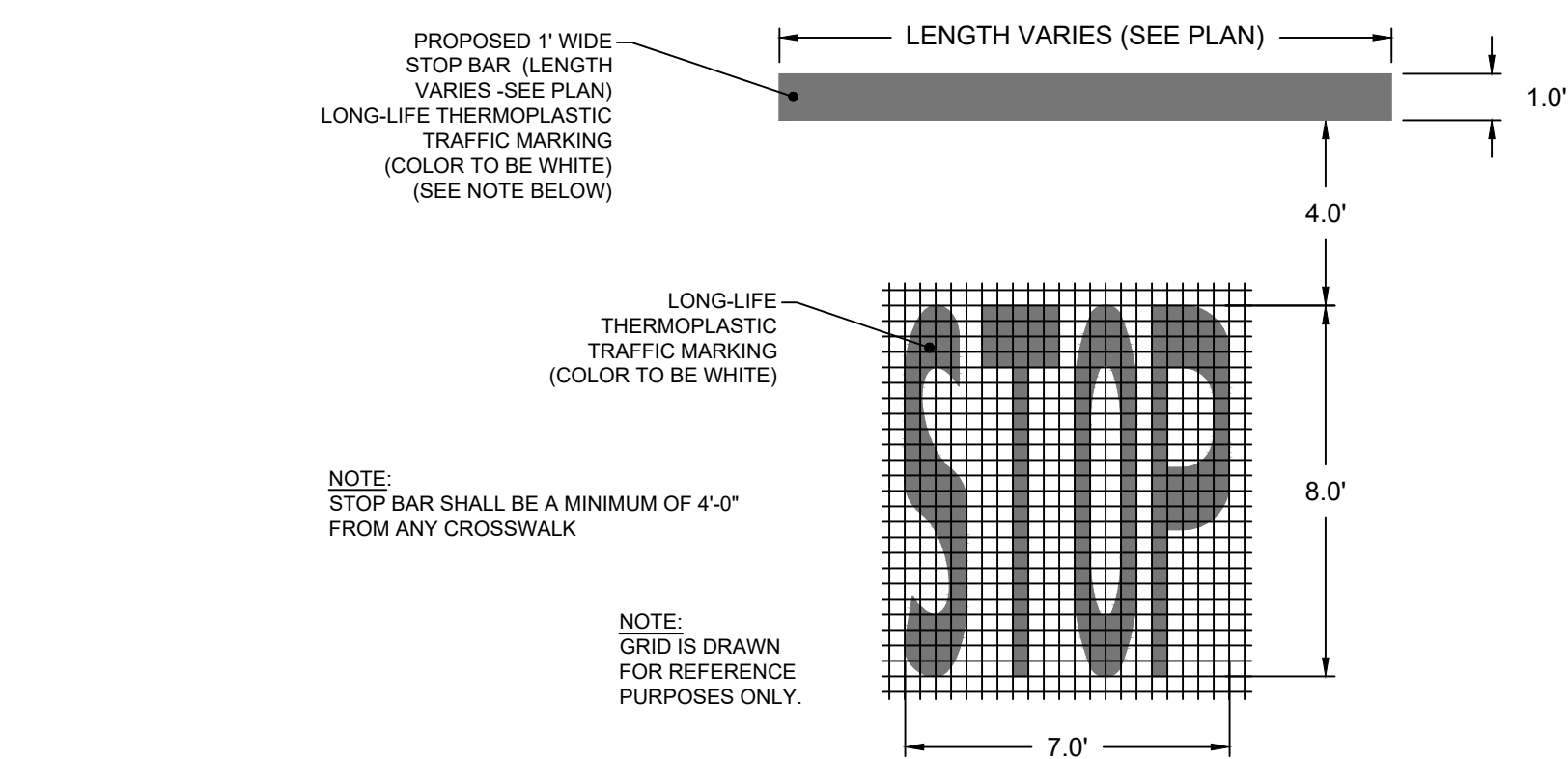
NOTES:
INVERTS TO BE ELIMINATED IN BOTTOM OF TERMINAL INLETS. BOTTOM SHALL BE DISHED AND SLOPED TOWARDS THE OUTLET PIPE AT THE RATE OF 2\"/>

INLET, TYPE B

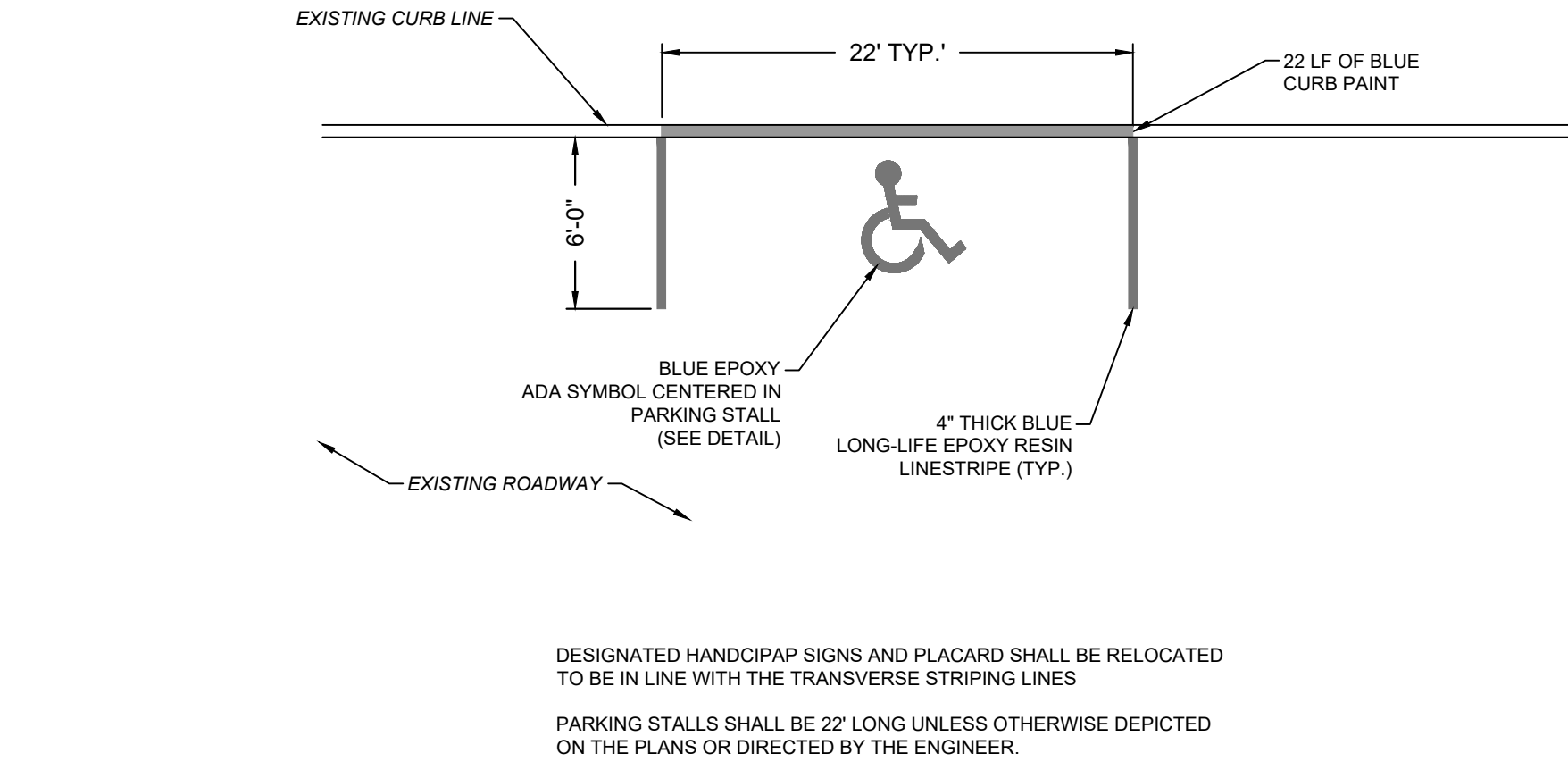
NO.	REVISION	DATE	BY	CHK.	BY
DETAILS 2					
2026 IRVING PLACE ROADWAY IMPROVEMENTS TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY					
<i>Razvan Manley</i> No. 24GE06102500 NJ PROFESSIONAL ENGINEER LIC. NO. 24GE06102500		DATE: 05/20/2026			
TOWN OF SECAUCUS ENGINEERING DEPARTMENT 20 CENTRE AVENUE, SECAUCUS, NJ 07094 (201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUSNJ.GOV					
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.
N.T.S.	3/26	S.P.G.	S.P.G.	R.S.M.	26-104-C-8
					SHEET. NO.
					8 OF 9



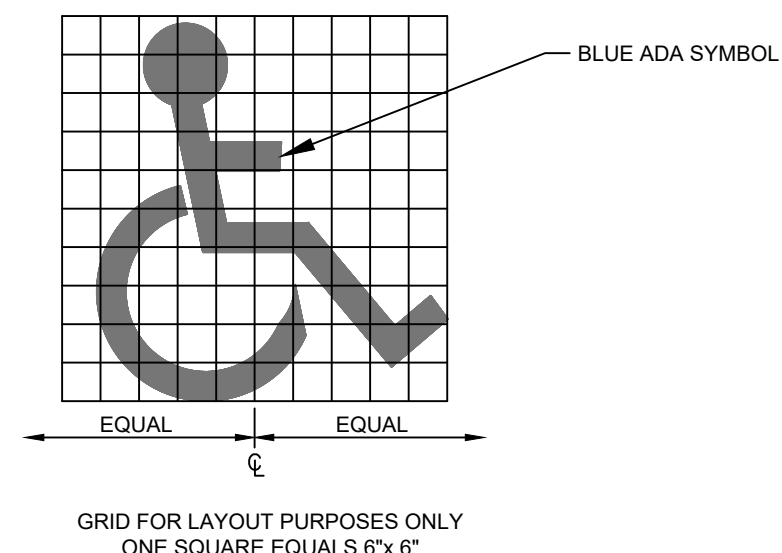
DECORATIVE CROSSWALK



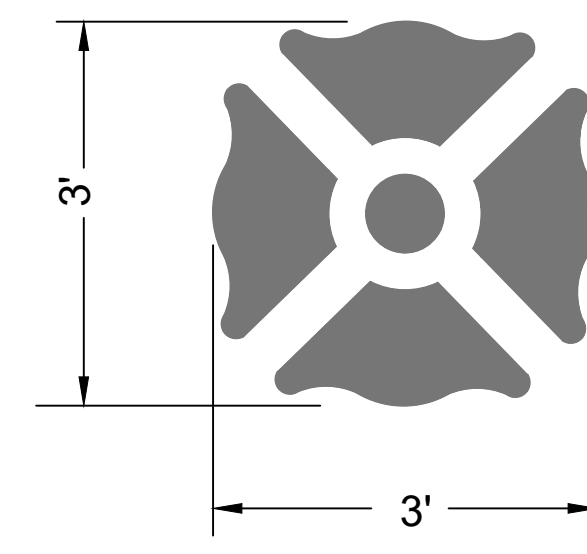
"STOP" AND STOP BAR TRAFFIC MARKING DETAIL



PARALLEL ADA PARKING SPACE STRIPING DETAIL



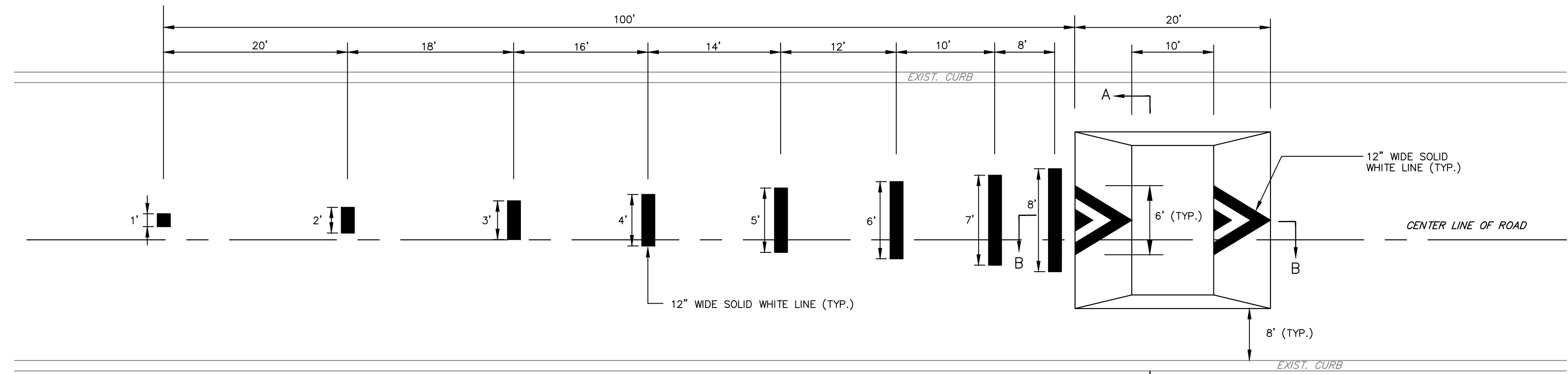
ADA SYMBOL DETAIL



MALTESE CROSS TRAFFIC MARKING NOTES:
CONTRACTOR TO INSTALL MALTESE CROSS SYMBOL WITH LONG LIFE THERMOPLASTIC (COLOR TO BE YELLOW) (CONTRACTOR IS TO ACQUIRE MALTESE CROSS PAVEMENT MARKER TEMPLATE FROM THE SECAUCUS DEPARTMENT OF PUBLIC WORKS).

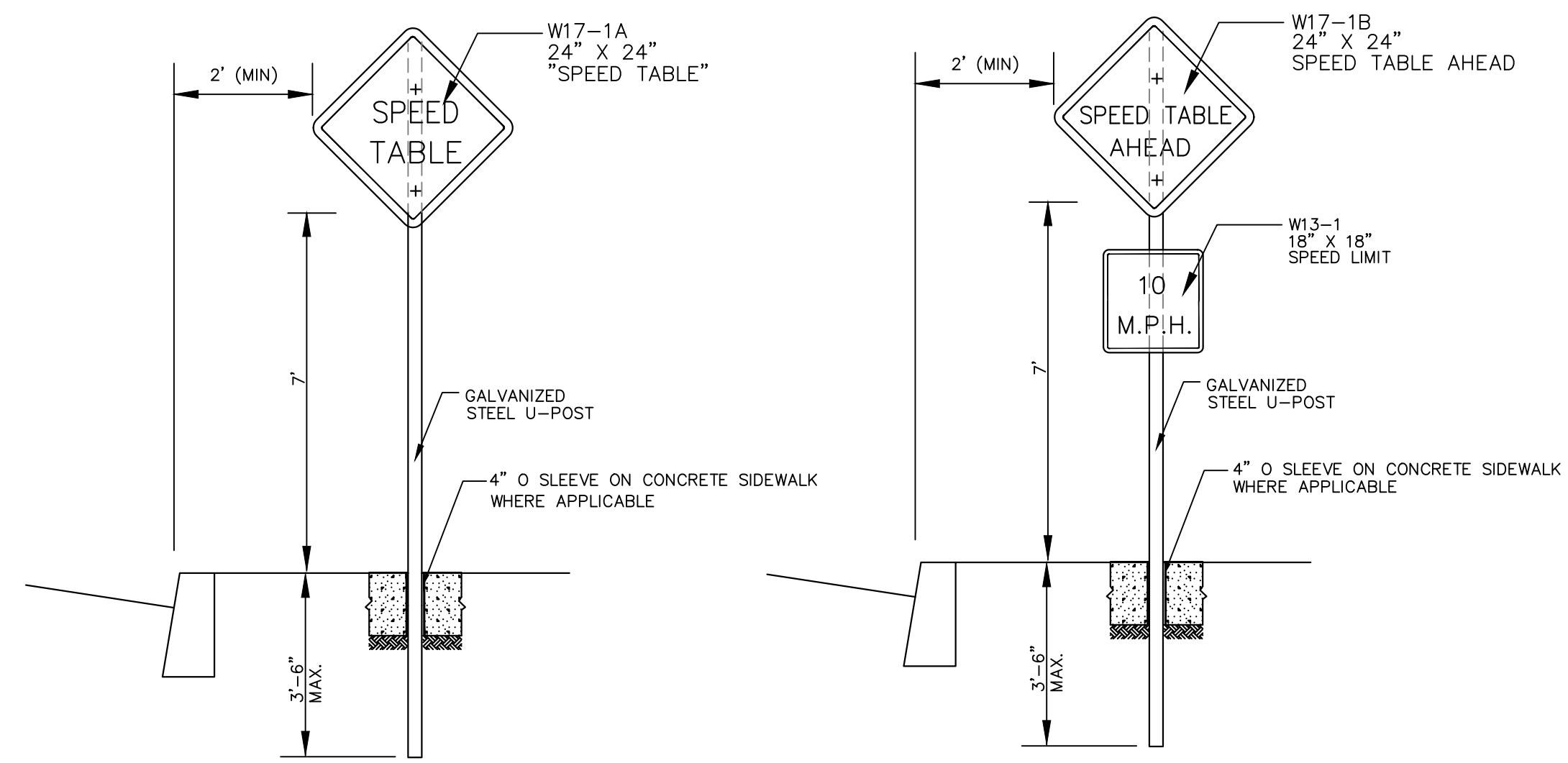
NOTES:
MALTESE MARKINGS SHALL BE PLACED AT ALL HYDRANT LOCATIONS A MINIMUM OF 10 FEET FROM THE FACE OF CURB OR AS DIRECTED. SYMBOL SHALL BE PLACED ON HYDRANT WATER VALVE WHEN WITHIN 10' OF HYDRANT.

MALTESE CROSS MARKING DETAIL



SPEED TABLE MARKINGS
N.T.S.

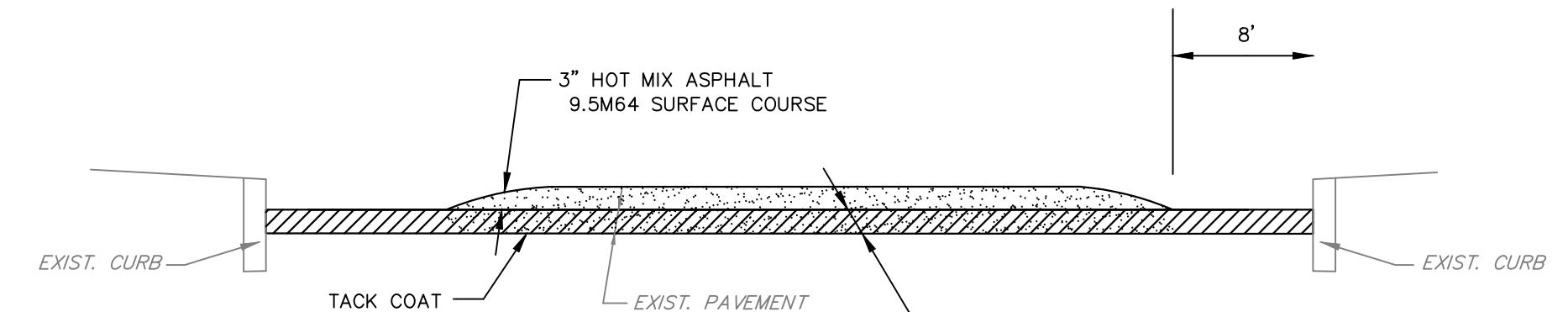
NOTE: 1) FLAT TOP SPEED TABLE.
2) \pm 1/8" HEIGHT TOLERANCE.
3) TAPER ENDS TO ALLOW FOR DRAINAGE.



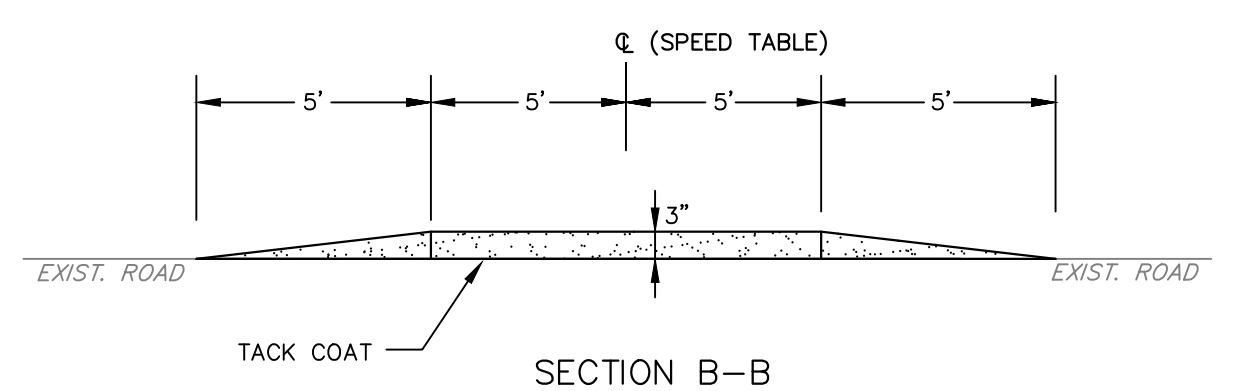
NOTE: TO BE PLACED 100 FEET (\pm) PRIOR TO SPEED TABLE. LOCATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. COST FOR POST AND INSTALLATION TO BE INCLUDED IN THE UNIT PRICE BID FOR SIGNS.

THE FOLLOWING ITEMS ARE INCLUDED UNDER THE ITEM SPEED TABLE MARKINGS AND SIGNS.

- SPEED TABLE PAVEMENT MARKINGS
- SPEED TABLE ADVANCE PAVEMENT MARKINGS
- W17-1A, W17-1B, AND W13-1 SIGNS



NOTE: GUTTER ELEVATIONS TO BE MAINTAINED AT BOTH SIDES FOR DRAINAGE PURPOSES.



NOTE: THE FOLLOWING ITEMS ARE INCLUDED UNDER THE ITEM SPEED TABLE.

- TACK COAT
- HOT MIX ASPHALT 9.5M64 SURFACE COURSE

SPEED TABLE DETAIL
N.T.S.

NO.	REVISION	DATE	BY	CHK. BY		
DETAILS 3						
2026 IRVING PLACE ROADWAY IMPROVEMENTS						
TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
<i>Razag Manley</i>		DATE: 05/20/2026				
RAZAG MANLEY		NJ PROFESSIONAL ENGINEER LIC. NO. 24GE06102500				
TOWN OF SECAUCUS ENGINEERING DEPARTMENT						
20 CENTRE AVENUE, SECAUCUS, NJ 07094						
(201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUSNJ.GOV						
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET NO.
N.T.S.	3/26	S.P.G.	S.P.G.	R.S.M.	26-104-C-9	9 OF 9