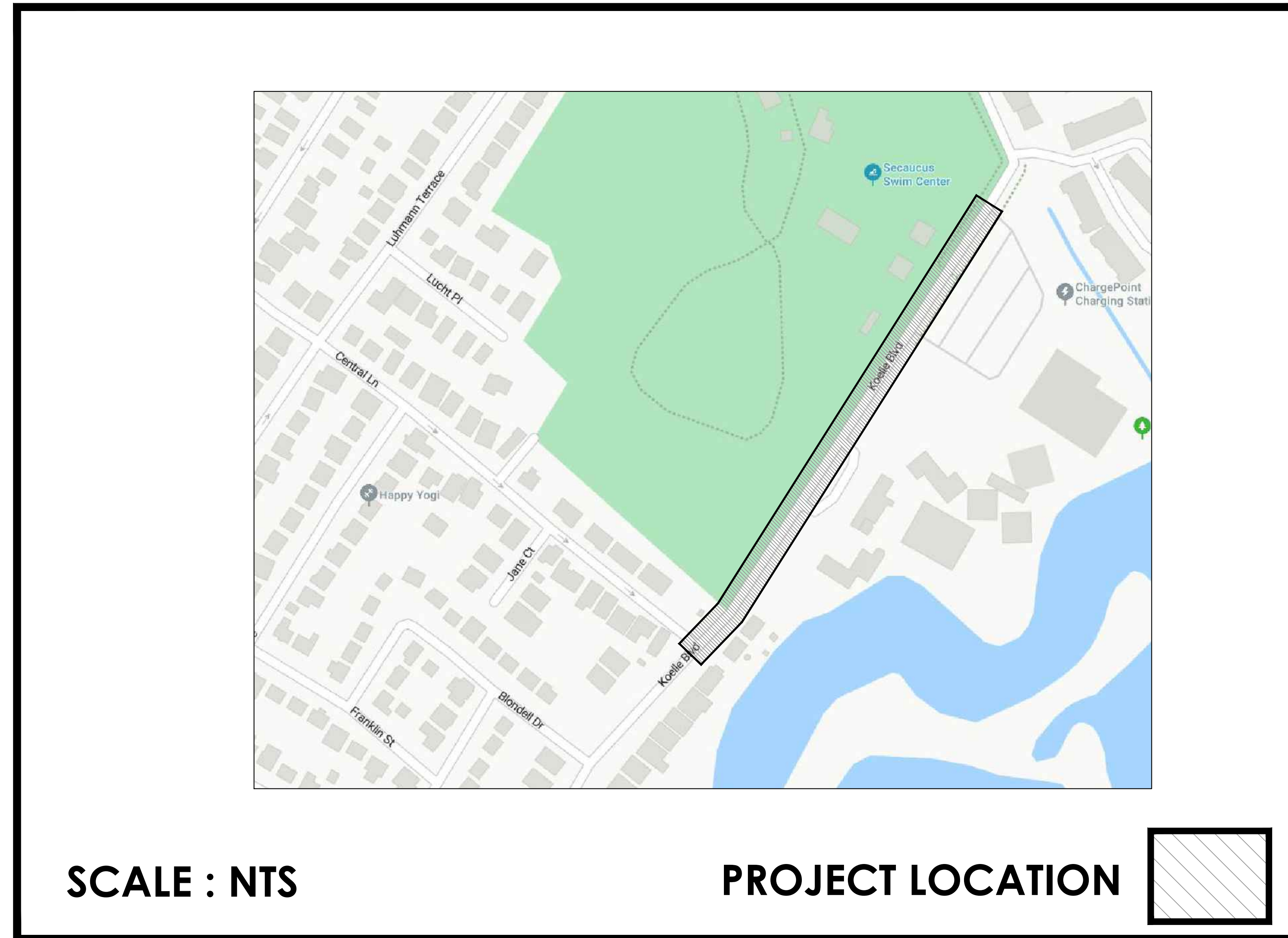




KOELLE BOULEVARD SIDEWALK IMPROVEMENTS



LIST OF UTILITIES AND EMERGENCY CONTACT INFORMATION	
FIRE DEPARTMENT:	SECAUCUS FIRE DEPARTMENT LAWRENCE MARCIANO, FIRE CHIEF 1203 PATERSON PLANK ROAD SECAUCUS, NJ 07094 201-330-2000 X 4510
POLICE DEPARTMENT:	SECAUCUS TRAFFIC DIVISION LIEUTENANT GIACOMO SALLUSTIO 5000 RIVERSIDE STATION BOULEVARD, FLOOR 1 SECAUCUS, NJ 07094 201-330-2000 X 3194
PUBLIC WORKS:	SECAUCUS PUBLIC WORKS KEVIN O'CONNOR, SUPERINTENDENT 370 SECAUCUS ROAD SECAUCUS, NJ 07094 201-330-2080
SEWER:	SECAUCUS MUA BRIAN BIGLER, EXECUTIVE DIRECTOR 110 KOELLE BOULEVARD SECAUCUS, NJ 07094 201-330-2086
WATER:	VEOLIA KARIMA LAQMARI 60 DEVOE PLACE HACKENSACK, NJ 07601 201-457-7964
ELECTRIC:	PSE&G ELECTRIC PEDRO (PETE) MAGAN 325 COUNTY AVENUE SECAUCUS, NJ 07094 201-330-6640
CABLE/ TELEPHONE:	COMCAST JIM JENNINGS 110 SPRINGBROOKE BOULEVARD ASTON, PENNSYLVANIA 19014 215-264-9535
CABLE/ TELEPHONE:	VERIZON THOMAS GORMAN 9 GATE AVE MONTCLAIR, NJ 07042 973-436-0016
GAS:	PSE&G GAS DIVISION KEITH WILSON 444 ST. PAUL'S AVENUE JERSEY CITY, NJ 07306 201-420-3950 OR 201-420-3920



SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	LEGEND
3	QUANTITIES AND NOTES
4	CONSTRUCTION PLAN
5	DETAILS 1
6	DETAILS 2

LENGTH OF PROJECT = 1050 LF OR 0.1989 MILES

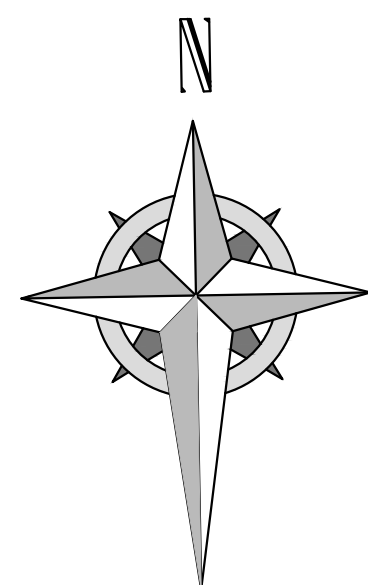
NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF 2019 (U.S. CUSTOMARY ENGLISH UNITS) AND ALL AMENDMENTS IN THE SUPPLEMENTAL SPECIFICATION FORMAT THERE TO SHALL GOVERN.

THE HEADING OF ARTICLES CONTAINED HEREIN CONFORM TO THE NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2019 AND ALL ADDENDA THERE-TO WHICH IS TO BE USED IN THE EXECUTION OF THIS CONTRACT.

THE NEW JERSEY DEPARTMENT OF TRANSPORTATION "STANDARD ROADWAY CONSTRUCTION\TRAFFIC CONTROL\BRIDGE CONSTRUCTION DETAILS" BOOKLET DATED 2016 AND "ELECTRICAL BUREAU STANDARD DETAILS, 2007" SHALL GOVERN, EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

**TOWN OF SECAUCUS, HUDSON COUNTY,
NEW JERSEY**
JANUARY, 2026

New Jersey One Call
CALL BEFORE YOU DIG
811 or 1-800-272-1000
IT'S THE LAW



IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT NJ ONE CALL PRIOR TO THE START OF CONSTRUCTION. CALL FOR MARKOUTS THREE (3) FULL BUSINESS DAYS IN ADVANCE AND BEGIN EXCAVATION WITHIN 10 DAYS. ALL CONTRACTORS ON-SITE MUST HAVE THEIR OWN MARKOUT.

NO.	REVISION	DATE	BY	CHK. BY
TITLE SHEET				
KOELLE BOULEVARD SIDEWALK IMPROVEMENTS TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY				
No. <i>Razib Manley</i>		DATE: 04/17/26		
RAZIB 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
AS NOTED	1/26	S.P.G.	S.P.G.	R.S.M.
		DWG. NO.	SHEET. NO.	
		26-103-C-1	1 OF 6	

LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED

ITEM	DESCRIPTION	EXISTING	PROPOSED
	OVERHEAD WIRE		
	SANITARY FORCE MAIN PIPE		
	STORM SEWER PIPE ≤ 12"		
	STORM SEWER PIPE > 12"		
	GAS SERVICE		
	SANITARY SEWER PIPE ≤ 12"		
	SANITARY SEWER PIPE > 12"		
	ELECTRIC SERVICE		
	FIBER OPTIC SERVICE		
	TELEPHONE SERVICE		
	COMMUNICATIONS SERVICE		
	IRRIGATION PIPE		
	WATER SERVICE		
	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		
	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		
	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						
KOELLE BOULEVARD						
SIDEWALK IMPROVEMENTS						
TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
		DATE: 04/17/26				
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.	26-103-C-2	2 OF 6

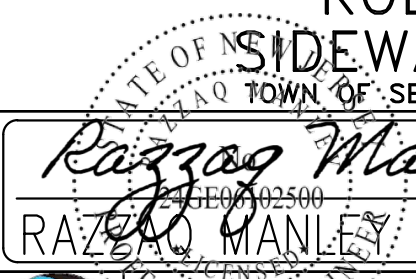
PROJECT NOTES

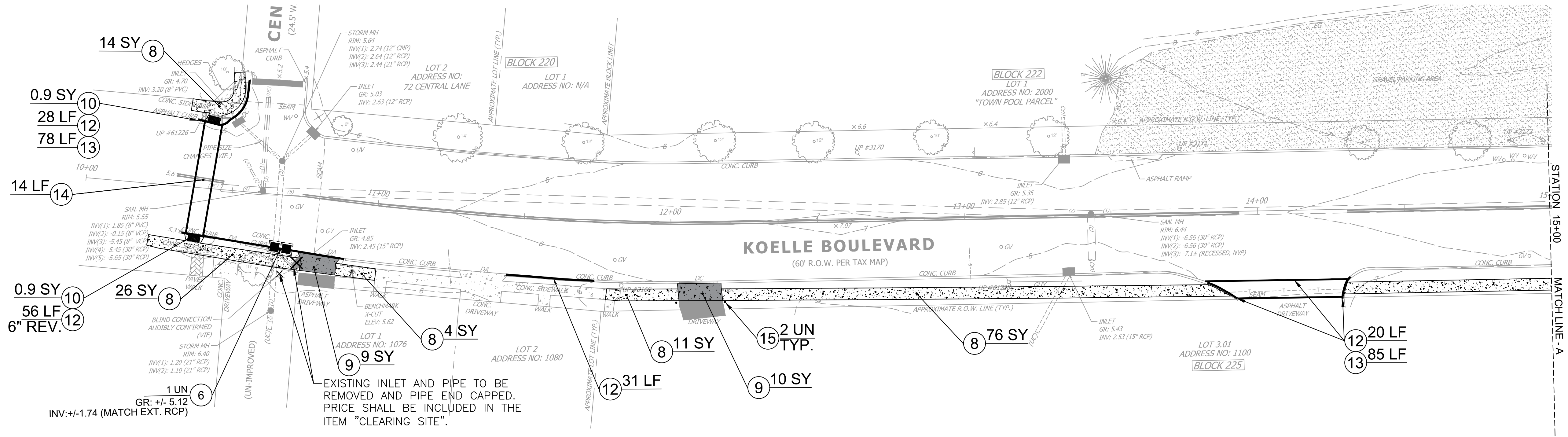
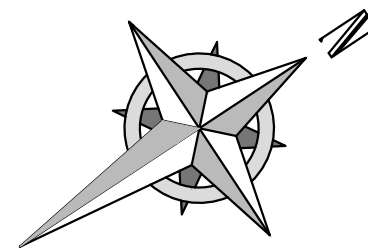
- EXISTING CONDITIONS AND ELEVATIONS WERE SURVEYED BY NEGLIA GROUP. THE KOELLE BOULEVARD SURVEY IS TITLED KOELLE BOULEVARD CENTRAL LANE TO TOWN POOL PARCEL (BLOCK 222--LOT 1), TOWN OF SECAUCUS AND IS DATED NOVEMBER 10, 2025. THE SURVEY HAS BEEN VERIFIED BY GARY A. VEENSTRA, PLS., PROFESSIONAL LICENSED LAND SURVEYOR, N.J.P.S. LIC. 24GS03721300. 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. 39 & 40 DATED JULY 2021.
- 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 DISTRIBUTED 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 DISTRIBUTED 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."
 - "ELECTRICAL BUREAU STANDARD DETAILS: 2001." INCLUDING ALL APPLICABLE BASELINE DOCUMENT CHANGES AND APPENDICES. THESE DETAILS MAY BE PURCHASED THROUGH THE N.J.D.O.T. PLANS AND SPECIFICATION CENTER AT:
1035 PARKWAY AVENUE,
TRENTON, NEW JERSEY
08625-0600
(TELEPHONE: 1-609-530-2098)
- SEPARATE PAYMENT WILL NOT BE MADE FOR SAW CUTTING OF ANY KIND, BUT THE COST SHALL BE INCLUDED IN THE CARIOUS 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 VARIOUS PAY ITEMS.
- 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.
- 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 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 RESETTING OF PAVERS. ALL COSTS ARE TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE PROPOSAL.

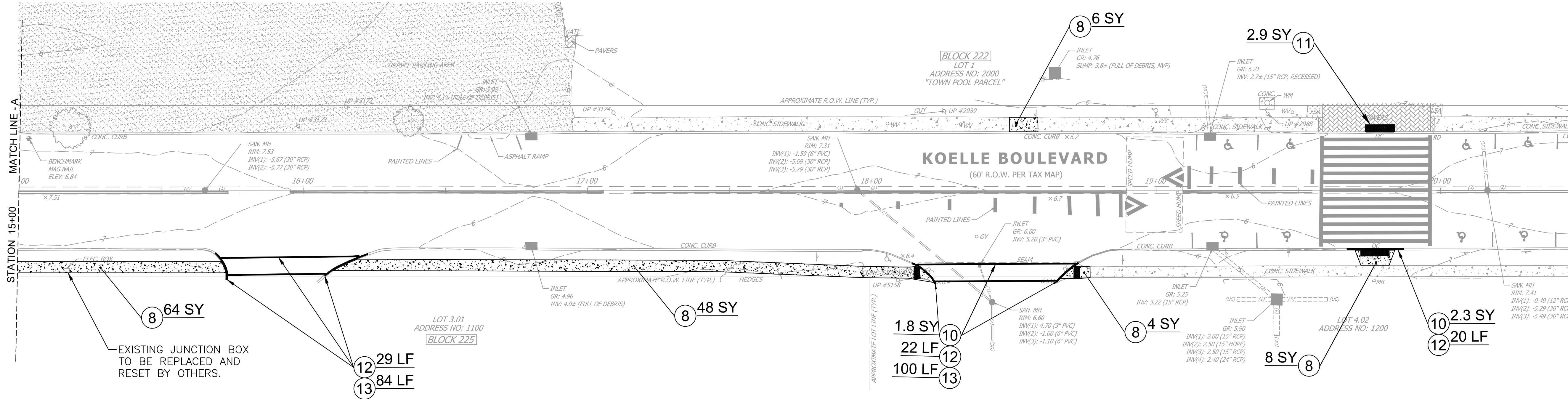
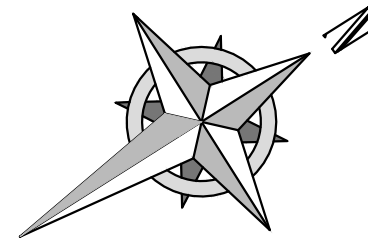
ESTIMATE OF QUANTITIES

Item No.	Description	Unit	Plan Quantity	IF AND WHERE DIRECTED	TOTAL QUANTITIES
1	CLEARING SITE	LS	1	0	1
2	BREAKAWAY BARRICADE	UN	0	4	4
3	DRUM	UN	0	5	5
4	TRAFFIC CONE	UN	50	0	50
5	CONSTRUCTION SIGN	SF	100	0	100
6	INLET, TYPE DOUBLE B	UN	1	0	1
7	HMA DRIVEWAY REPAIR	SY	0	20	20
8	CONCRETE SIDEWALK, 4" THICK	SY	255	25	280
9	CONCRETE DRIVEWAY, 6" THICK	SY	19	6	25
10	DETECTABLE WARNING SURFACE	SY	5.9	0	5.9
11	DETECTABLE WARNING SURFACE, BRICK PAVER	SY	2.9	1.1	4
12	9" X 18" CONCRETE VERTICAL CURB	LF	206	14	220
13	TRAFFIC MARKINGS LINES, 6"	LF	347	33	380
14	REMOVAL OF TRAFFIC MARKINGS, LINES	LF	14	6	20
15	6" BOLLARD	UN	2	0	2
16	RESET EXISTING CASTING	UN	0	1	1
17	TOPSOIL SPREADING, 4" THICK	SY	0	150	150
18	BORROW TOPSOIL	CY	0	16	16
19	FERTILIZING AND SEEDING, TYPE A-3	SY	0	150	150
20	STRAW MULCHING	SY	0	150	150

NO.	REVISION	DATE	BY	CHK. BY		
QUANTITIES & NOTES						
KOELLE BOULEVARD SIDEWALK IMPROVEMENTS						
<small>TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY</small>						
 RAZZAG MANLEY		DATE: 04/17/26 PROFESSIONAL ENGINEER LIC. NO. 24GE06102500				
<small>TOWN OF SECAUCUS ENGINEERING DEPARTMENT 20 CENTRE AVENUE, SECAUCUS, NJ 07094 (201) 617-5913, FAX (201) 617-5937, WEB SITE ADDRESS: HTTP://SECAUCUSNJ.GOV</small>						
SCALE AS NOTED	DATE 2/26	DRAWN BY S.P.G.	DSGN. BY S.P.G.	CHK'D. BY R.S.M.	DWG. NO. 26-103-C-3	SHEET. NO. 3 OF 6

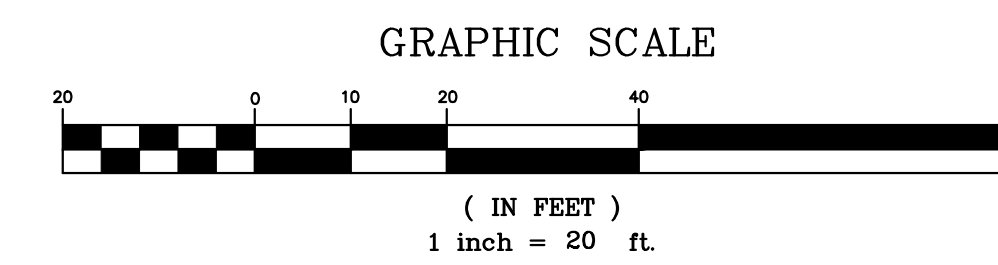


CONSTRUCTION PLAN
STA. 9+50 To STA. 15+00
SCALE: 1" = 20'

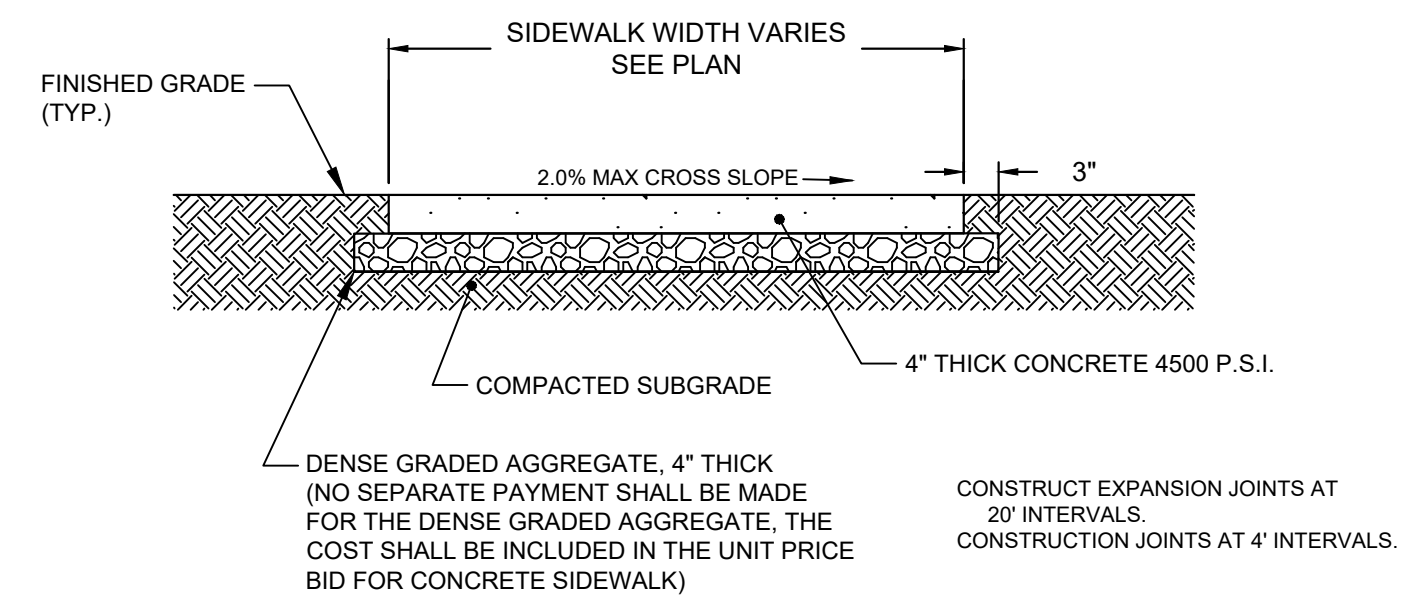


CONSTRUCTION PLAN
STA. 15+00 To STA. 20+46.75
SCALE: 1" = 20'

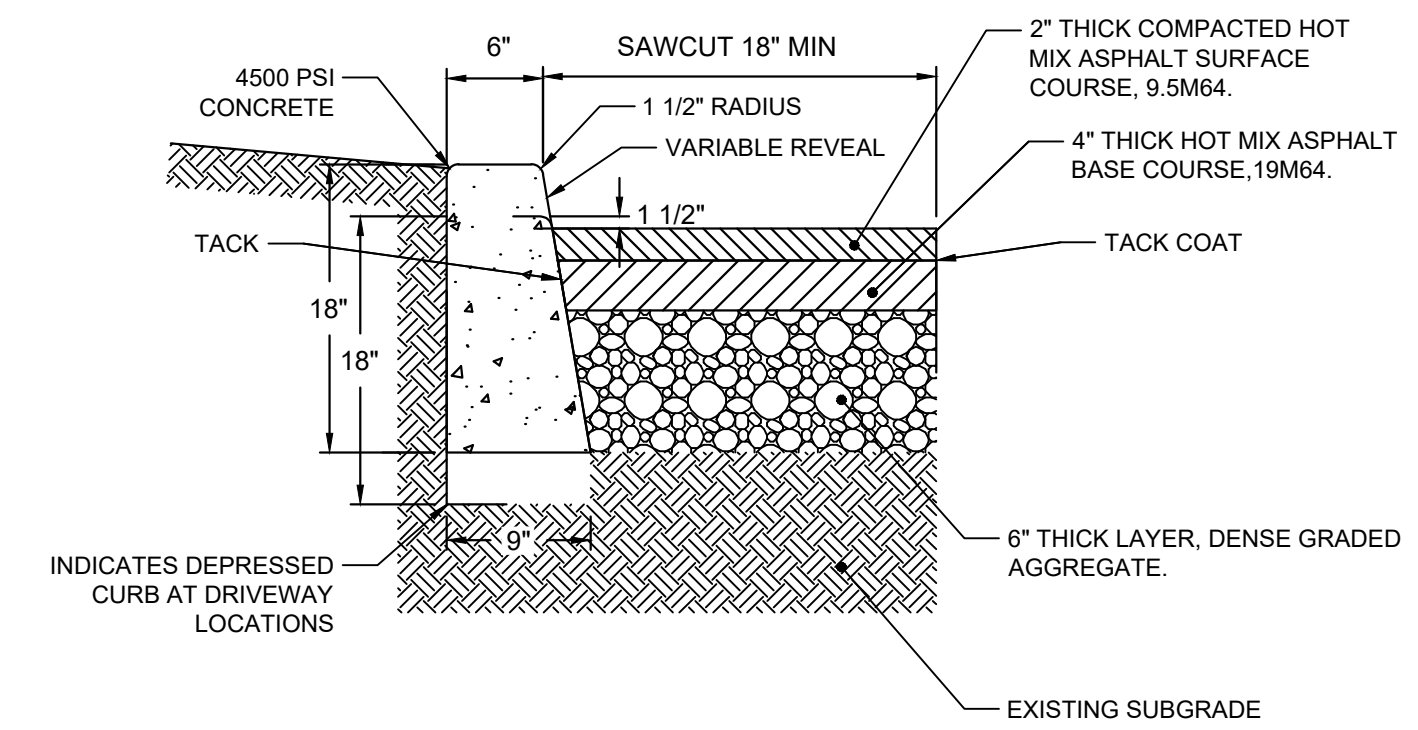
TO BE CONSTRUCTED					
Item No.	Description	Unit	Plan Quantity	IF AND WHERE DIRECTED	TOTAL QUANTITIES
6	INLET, DOULBE B	UN	1	0	1
8	CONCRETE SIDEWALK, 4" THICK	SY	255	25	280
9	CONCRETE DRIVEWAY, 6" THICK	SY	19	6	25
10	DETECTABLE WARNING SURFACE	SY	5.9	0	5.9
11	DETECTABLE WARNING SURFACE, BRICK PAVER	SY	2.9	1.1	4
12	9" X 18" CONCRETE VERTICAL CURB	LF	206	14	220
13	TRAFFIC MARKINGS LINES, 6"	LF	347	33	380
14	REMOVAL OF TRAFFIC MARKINGS, LINES	LF	14	6	20
15	6" BOLLARD	UN	2	0	2



NO.	REVISION	DATE	BY	CHK. BY		
CONSTRUCTION PLAN SHEET 1						
KOELLE BOULEVARD						
SIDEWALK IMPROVEMENTS						
TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
		DATE: 04/17/26				
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
AS NOTED	3/26	S.P.G.	S.P.G.	R.S.M.	26-103-C-4	4 OF 6

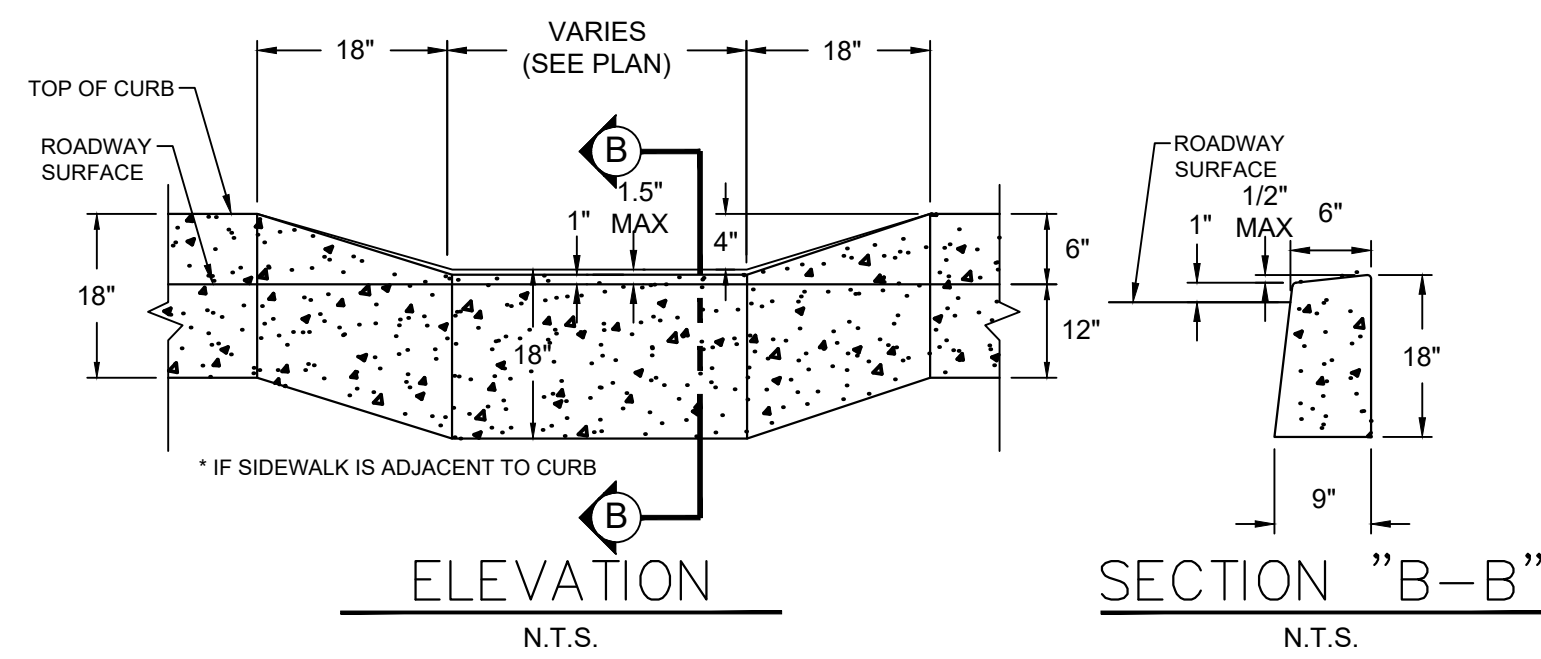


TYPICAL CONCRETE SIDEWALK DETAIL



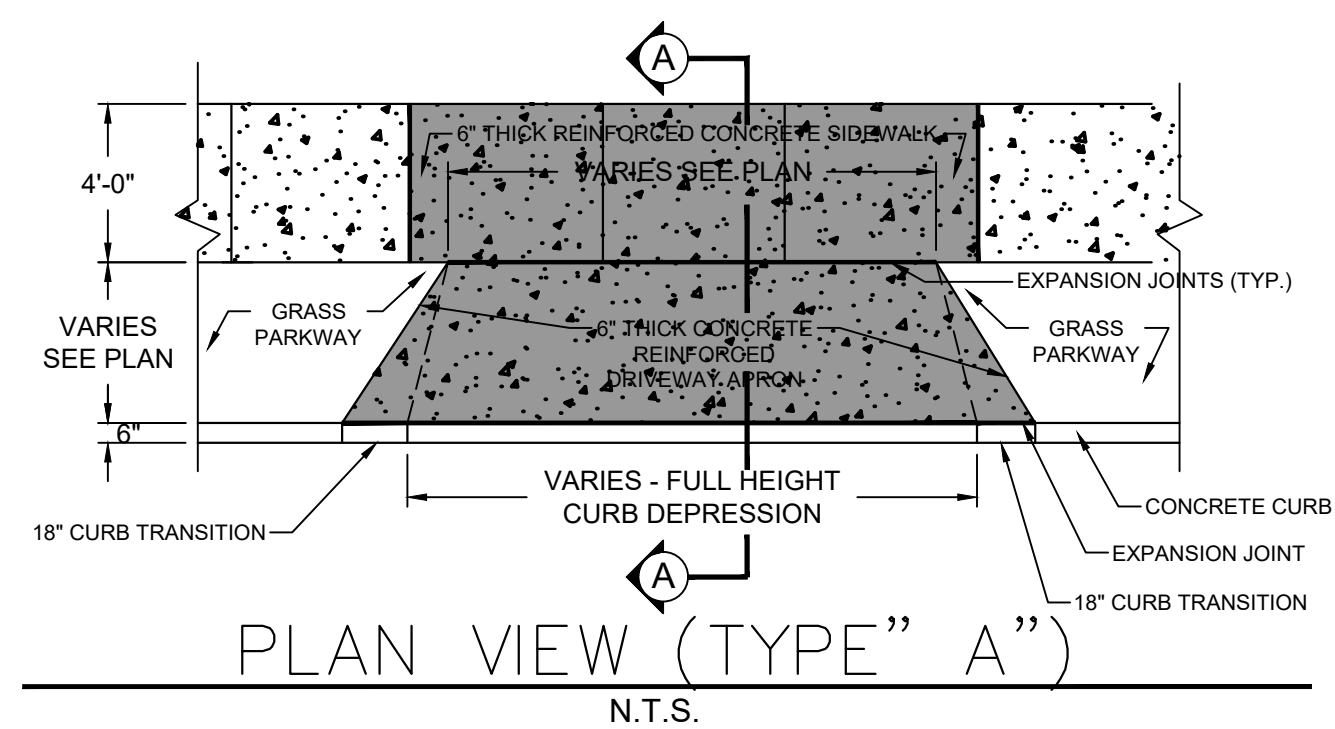
1. ALL MATERIAL, REPAIR STRIPS AND EXCAVATION FOR SIDEWALKS TO BE INCLUDED IN THE UNIT PRICE BID FOR "9"x18" CONCRETE VERTICAL CURB".
2. EXPANSION JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 10' APART & FILLED WITH CELLULAR COMPRESSION MATERIAL AS SPECIFIED AND RECESSED 1/2" FROM THE FACE AND TOP 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.
3. 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.
4. THE SIDEWALK SHALL BE SLOPED TOWARD THE CURB AT A 2% MAXIMUM GRADE.
5. TACK IS TO BE INSTALLED ON CURB FACE FOR THE PAVEMENT THICKNESS.
6. THE PROPOSED CURB SHALL BE TACKED AND BUTTED TO THE PROPOSED PAVEMENTS.

CONCRETE VERTICAL CURB

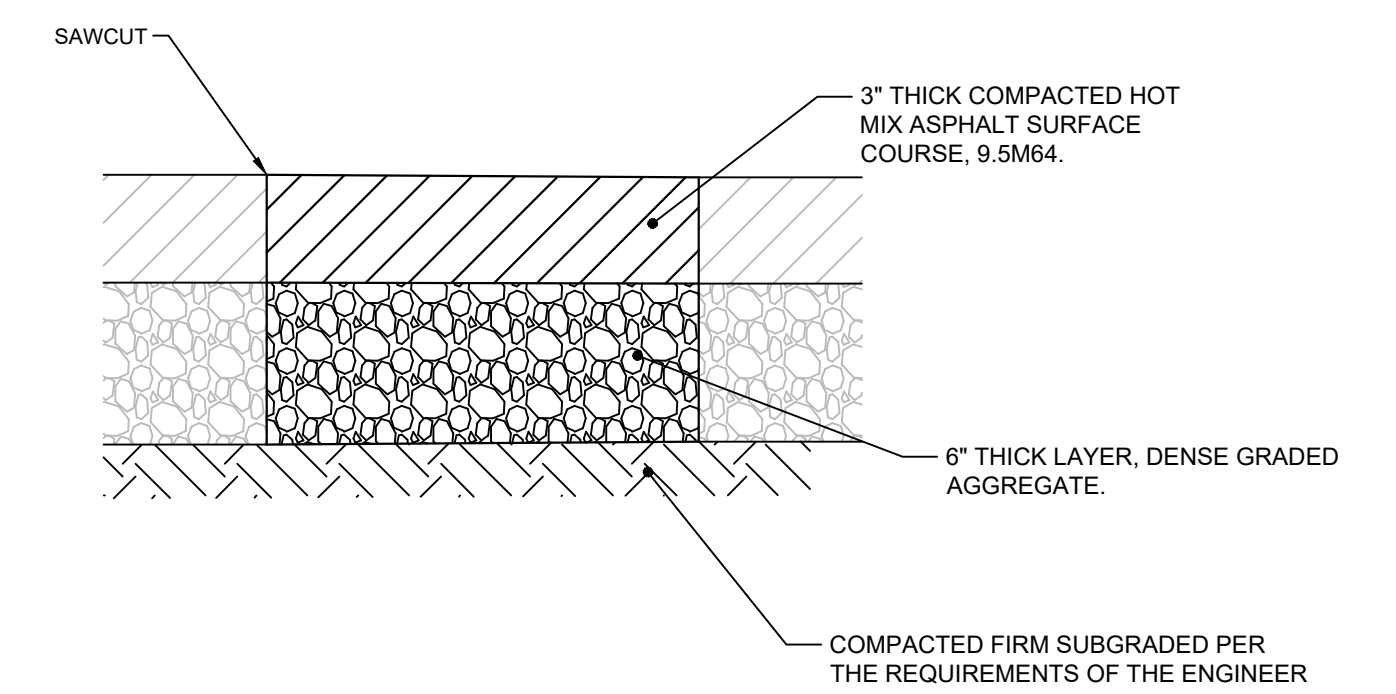
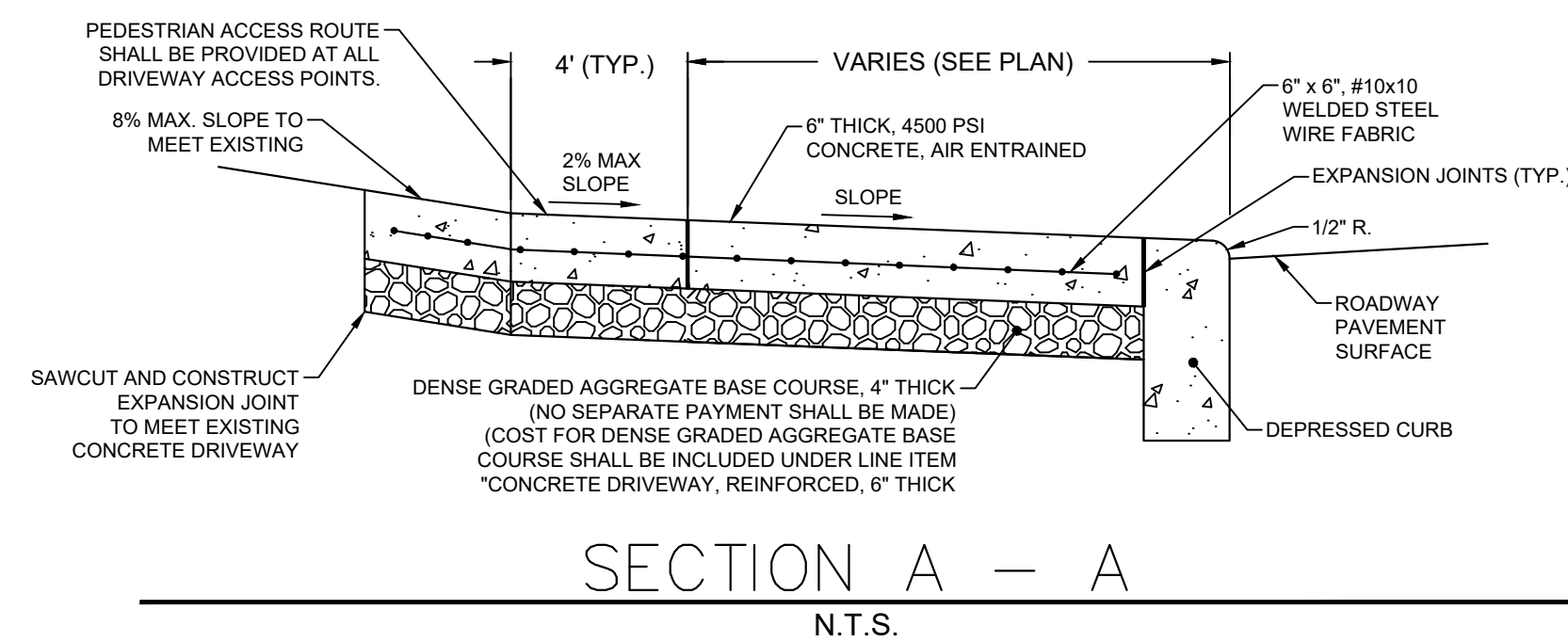


DEPRESSED CURB AT DRIVEWAY DETAIL

NOTES:
 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 (SILKOLEVA, OR AN APPROVED EQUAL). NO SEPARATE PAYMENT WILL BE MADE FOR DENSE-GRADED AGGREGATE BASE COURSE OR WELDED WIRE FABRIC.

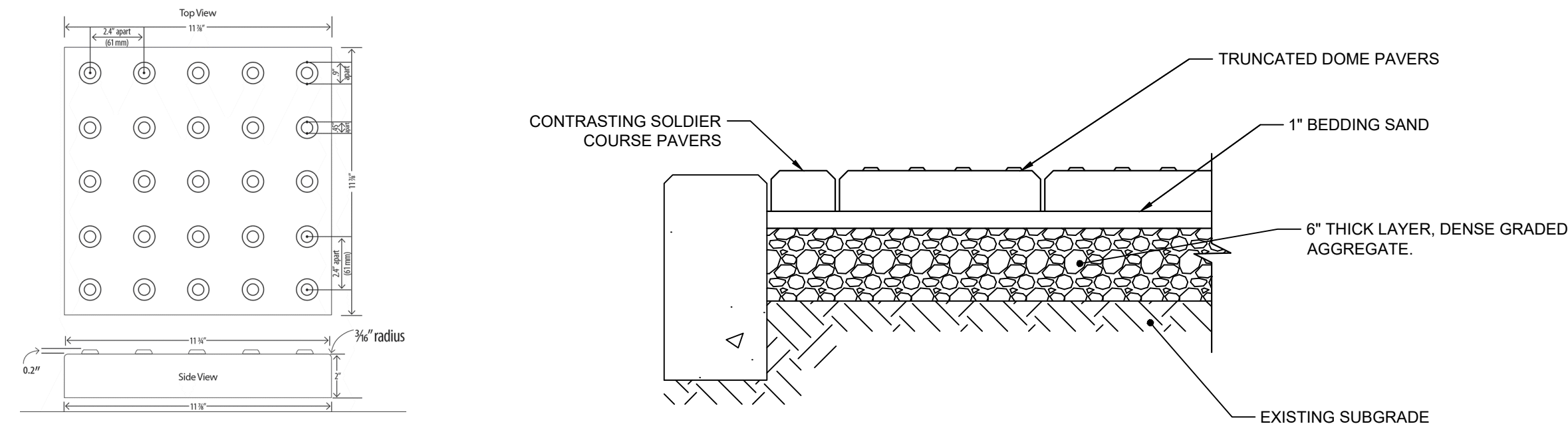


CONCRETE DRIVEWAY, REINFORCED, 6" THICK DETAILS



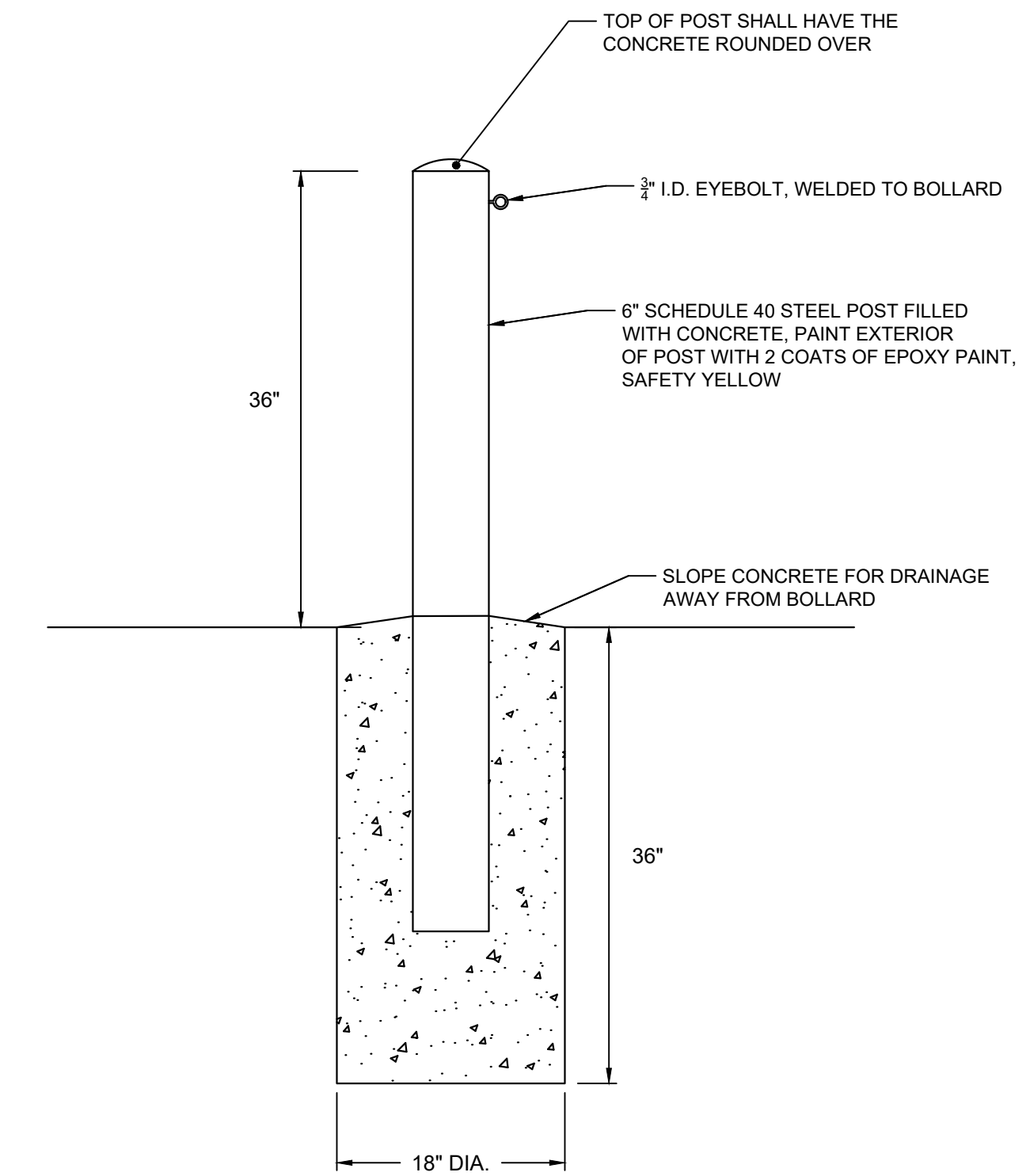
HMA DRIVEWAY REPAIR

NO.	REVISION	DATE	BY	CHK.	BY
DETAILS 1					
KOELLE BOULEVARD					
SIDEWALK IMPROVEMENTS					
TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY					
<i>Razgan Manley</i>			DATE: 04/17/26		
RAZGAN 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.
AS NOTED	1/26	S.P.G.	S.P.G.	R.S.M.	26-103-C-5
					SHEET NO. 5 OF 6



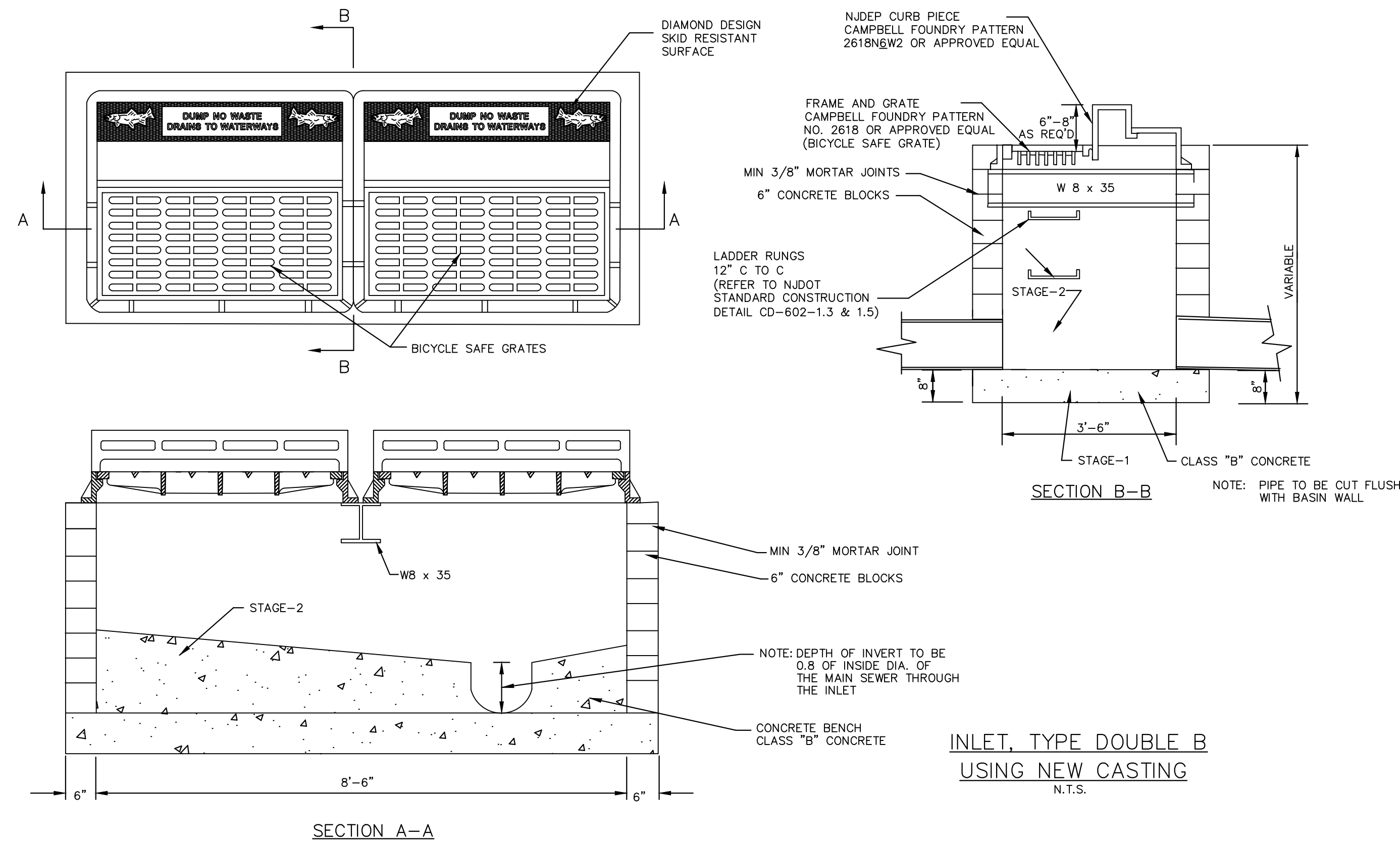
1. A COLOR CONTRASTING EDGE PAVER SOLDIER COURSE SHALL BE INCLUDED AS PART OF THIS PAY ITEM, TO BE PAID USING THE UNITS FOR THE PAY ITEM "DETECTABLE WARNING SURFACE, BRICK PAVER"
2. ANY REQUIRED CUTTING AND RESETTING OF THE EXISTING PAVERS WILL NOT BE PAID, BUT SHALL BE INCLUDED AS PART OF THIS ITEM
3. COLORS TO BE SELECTED BASED ON CONTRACTOR PROVIDED SAMPLE PALLET.

DETECTABLE WARNING SURFACE PAVERS



1. CONCRETE SHALL BE CLASS B.
2. STEEL BOLLARDS SHALL BE EMBEDDED A MINIMUM OF 24" INTO THE CONCRETE FOOTING
3. ALL EXPOSED SURFACES SHALL BE PAINTED WITH EPOXY PAINT, SAFETY YELLOW

BOLLARD



INLET, TYPE DOUBLE B

NO.	REVISION	DATE	BY	CHK. BY		
DETAILS 2						
KOELLE BOULEVARD SIDEWALK IMPROVEMENTS						
TOWN OF SECAUCUS, HUDSON COUNTY, NEW JERSEY						
<i>Razvan Manley</i> RAZVAN MANLEY			DATE: 04/17/26			
NJ PROFESSIONAL ENGINEER LIC. NO. 24GE06102500						
TOWN OF SECAUCUS ENGINEERING DEPARTMENT						
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SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
AS NOTED	3/26	S.P.G.	S.P.G.	R.S.M.	26-103-C-6	6 OF 6