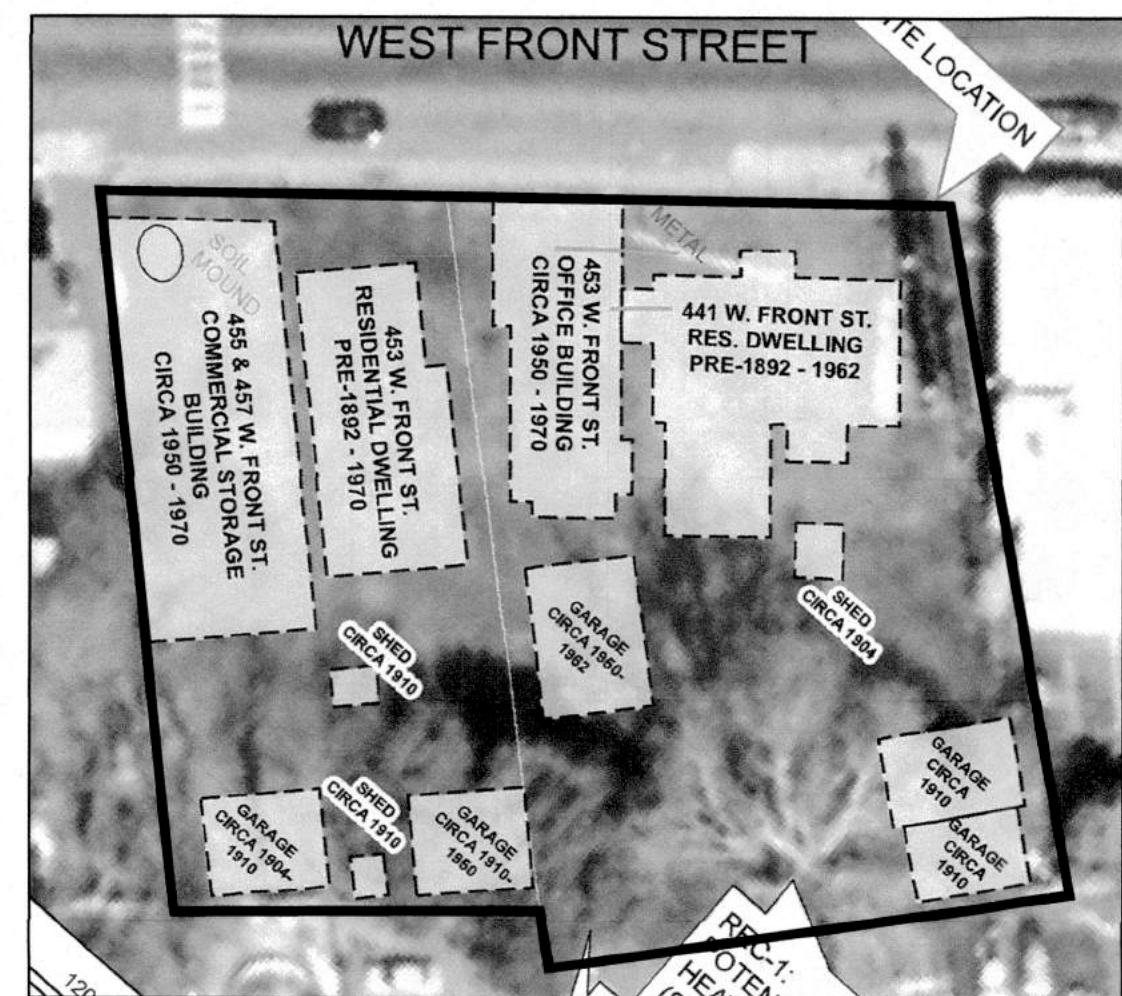




ZONING MAP
SCALE: N.T.S.



POTENTIAL RECOGNIZED ENVIRONMENTAL
CONDITIONS LOCATION MAP

(SEE GENERAL NOTE #13)
SCALE: 1" = 40'

PROPERTY OWNERS WITHIN 200':

BLOCK	LOT	OWNER'S NAME & ADDRESS	BLOCK	LOT	OWNER'S NAME & ADDRESS	BLOCK	LOT	OWNER'S NAME & ADDRESS
238	1	CHALMERS CONSTRUCTION LLC 2500 HONOLULU ST. EAST #142 SOUTH PLAINFIELD, NJ 07065	239	5.01	THE CITY OF PLAINFIELD 515 WATCHING AVE. PLAINFIELD, NJ 07065	239	22	THE CITY OF PLAINFIELD 515 WATCHING AVE. PLAINFIELD, NJ 07065
238	2	33 SANDERS AND 600 WEST FRONT LLC 1315 MURRAY AVE. PLAINFIELD, NJ 07065	239	8	THE CITY OF PLAINFIELD 515 WATCHING AVE. PLAINFIELD, NJ 07065	239	23	HILL OAK L. BARELY 440 PARKSIDE RD. PLAINFIELD, NJ 07065
238	3	ALTIMARINO TOROANO 439 ORCHARD PLACE PLAINFIELD, NJ 07065	239	9	200' OF THE HAWK-USA FOUNDATION IN PO BOX 8407 GRAND RAPIDS, MI 49508	239	24	SANDHILL CIRCLE E 113 LIBERTY ST. PLAINFIELD, NJ 07065
238	4	LED 447 LLC 225 MADISON AVE. PLAINFIELD, NJ 07065	239	10	LOUISE, CHAMBER 240 OAK TREE AVE. PLAINFIELD, NJ 07065	239	25	BRISAL, FROM P 994 W 7TH ST. PLAINFIELD, NJ 07065
238	5	MUNOZ, JOSE A. & DELACROIX, MARIA L. 429 ORCHARD PLACE PLAINFIELD, NJ 07065	239	11	POKORNA ENHANCION & MANUEL 429 ORCHARD PLACE PLAINFIELD, NJ 07065	240	3	QUINTERO JOSE & BLANCA 500 HARRISON AVE. NORTH PLAINFIELD, NJ 07065
238	6	YUN, CHEN 441-43 ORCHARD PLACE PLAINFIELD, NJ 07065	239	12	SOLIS, MARIA B. 429 ORCHARD PLACE PLAINFIELD, NJ 07065	240	4	MCDONNELL FAMILY TRUST 23 WHIPPLE RD. PLAINFIELD, NJ 07065
238	7	MORAN, FRANK 437-39 ORCHARD PLACE PLAINFIELD, NJ 07065	239	13	HANNAH, YVONNE P.O. BOX 1404 PLAINFIELD, NJ 07065	241	7	HELENA FLORES DE SALVADOR MISIONE 429 W FRONT ST. PLAINFIELD, NJ 07065
238	8	SOLIS, RAFAEL S. & SURINDER K. 21 QUAIL RUN WARREN, NJ 07065	239	14	MP GROUP PROPERTIES OF USA LLC 7 KOBLET COURT #201 MORRIS, NJ 07960	241	8	BROTHERS UNITED OF PLAINFIELD LLC 405 W FRONT ST. PLAINFIELD, NJ 07065
238	9	CASTRO, MARCO A. ZURITA 429 ORCHARD PLACE PLAINFIELD, NJ 07065	239	15	WITTO, NICHOLAS VONDA SONIA D. 429 ORCHARD PLACE PLAINFIELD, NJ 07065	241	9.01	PARERES, JOSE & MARIA 12 WASHINGTON AVE. PLAINFIELD, NJ 07065
238	10	SOLIS, MARIA B. 429 ORCHARD PLACE PLAINFIELD, NJ 07065	239	16	SURIA, LLC 21 QUAIL RUN WARREN, NJ 07065	241	10.02	BRINK, VINCENT JR. 74 MAPLE STREET WATCHING, NJ 07065
238	11	QUINTANA, JORGE TOROANO 429 ORCHARD PLACE PLAINFIELD, NJ 07065	239	17	CHAVEZ, GARCIA, SANTANA & ROSA E/ETAL 443 ORCHARD PLACE PLAINFIELD, NJ 07065	241	11	CEPELA, BRIEL P. 429-32 W FRONT ST. PLAINFIELD, NJ 07065
238	12	REYES, JUAN 446-48 ORCHARD PLACE PLAINFIELD, NJ 07065	239	18	GREEN, CHARLOTTE W. 450 ORCHARD PLACE PLAINFIELD, NJ 07065	241	13	CONTRERA, SUSLEY ET ALIS 24 BOULAN TERRACE BRANDSVILLE, NJ 07024
239	2	FONCECA, GLORIA 140 MANING AVE. 1ST FL NORTH PLAINFIELD, NJ 07065	239	19	LOPEZ, ANGEL NINTO 429 PLAZA ORCHARD PLACE PLAINFIELD, NJ 07065	241	14	ZAVALA, CARMEN ARA 444 W FRONT ST. PLAINFIELD, NJ 07065
239	3	VILLALBA, WILSON E. 467 W FRONT ST. PLAINFIELD, NJ 07065	239	20	MEZA, ANTONIO & DELIANA BLANCA 443 ORCHARD PLACE PLAINFIELD, NJ 07065	241	15	PARERES & VARGAS LLC 12 WASHINGTON AVE. PLAINFIELD, NJ 07065
239	4	ISHMEL, ARBOLD 429 W FRONT ST. PLAINFIELD, NJ 07065	239	21	MEZA, ANTONIO & DELIANA BLANCA 443 ORCHARD PLACE PLAINFIELD, NJ 07065	241	16	PARERES & VARGAS LLC 12 WASHINGTON AVE. PLAINFIELD, NJ 07065

UTILITY COMPANIES WITHIN 200':

AMERICAN WATER SSC
P.O. BOX 5627
CHERRY HILL, NJ 08034

PUBLIC SERVICE ELECTRIC & GAS COMPANY
MANAGERS - CORPORATE PROPERTIES
80 PARK PLAZA TEB
NEWARK, NJ 07102

BELL ATLANTIC NJ
540 BROAD STREET
NEWARK, NJ 07102

PLAINFIELD MUNICIPAL UTILITIES AUTHORITY
127 ROOSEVELT AVENUE
PLAINFIELD, NJ 07065

COMCAST CABLEVISION
73 ROCK AVENUE
PLAINFIELD, NJ 07065

AT&T
1700 NANCY PENCE
CONIERS GA. 30013

OWNER/APPLICANT
VIETAL UNITED GROUP
ATTN: ANDREW DANG
583 ARLINGTON AVE
SOUTH PLAINFIELD, NJ 07080

NO.	REVISION	DATE	Dr/Ck
3	PER PLANNING BOARD MEETING & STAFF REPORTS	3/2/2023	KP/SA
2	REV FOR ONE LETTER 6/23/2022	6/23/2022	GR/SA
1	PER COMPLETION REVIEW # DATED 3/7/2022	3/7/2022	KP/SA

CAD#:	DESIGN BY:	DATE:
21-046 SHI-CORNER	SA	12/19/2021
PB#:	DRAWN BY:	SCALE:
PB-NUM	KP	AS SHOWN
BOOK#:	Checked by:	FILE NO.:
	SA	21-046

AMERTECH ENGINEERING, INC.
ENGINEERS, SURVEYORS AND PLANNERS

737 REDWOOD AVENUE, NORTH BRUNSWICK, NJ 08902
(732) 259-3530 • (732) 249-2215 • FAX (732) 249-0859
E-MAIL: info@amertecheng.com
CERTIFICATE OF AUTHORIZATION NO. 000000000

SHARIF H. ALY
New Jersey Professional Engineer Lic. No. 34669

MAJOR SITE PLAN
TAX MAP LOTS 5.01 & 7 BLOCK 239
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY
TAX MAP SHEET No. 160

COVER SHEET &
EXISTING CONDITIONS PLAN

JOB #:
21-046

1
6



KEY MAP
SCALE: 1" = 100'

GENERAL NOTES:

- PROPERTY KNOWN AS BLOCK 239, LOTS 5.01 & 7, AS SHOWN ON TAX MAP SHEET 62 OF THE CITY OF PLAINFIELD, UNION COUNTY, NJ, CONTAINING A TOTAL OF 25,035 SQUARE FEET (0.575 ACRES) MORE OR LESS.
- THESE PLANS HAVE BEEN PREPARED FOR THE PURPOSE OF OBTAINING MUNICIPAL SITE PLAN/VARIANCE PLAN AND OTHER AGENCY REVIEW AND APPROVAL. THEY SHALL NOT BE UTILIZED AS A CONSTRUCTION DOCUMENT UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED ON THE DRAWING AND EACH DRAWING HAS BEEN REVISED TO INDICATE "ISSUED FOR CONSTRUCTION".
- BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN IS FROM A SURVEY TITLED "BOUNDARY AND TOPOGRAPHICAL SURVEY TAX MAP LOTS 5.01 & 7 BLOCK 239 CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY TAX MAP SHEET 160" PREPARED BY JUAN J. RODRIGUEZ, LICENSE NO. 240504323000 OF AMERTECH ENGINEERING DATED JUNE 03, 2021 (AMERTECH JOB #21-0295). HORIZONTAL DATUM=NAAD1983, VERTICAL DATUM=NAVD 1988.
- THE PROPOSED BUILDING WILL BE SERVED BY PUBLIC UTILITIES, INCLUDING SANITARY SEWER AND WATER EXISTING IN THE PUBLIC RIGHT OF WAY.
- EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL UTILITY INFORMATION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIAL AND SIZES.
- THE CONTRACTOR SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON, AND/OR IF IN THE OPINION OF THE CONTRACTOR SUCH CONDITIONS SHOULD RENDER THE DESIGNS SHOWN HEREON INAPPROPRIATE OR INEFFECTIVE.
- ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION FOR SITE IMPROVEMENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 - A. CURRENT PREVAILING MUNICIPAL AND/OR COUNTY SPECIFICATIONS, STANDARDS AND REQUIREMENTS.
 - B. CURRENT PREVAILING UTILITY COMPANY SPECIFICATIONS, STANDARDS AND REQUIREMENTS.
 - C. STATE OF NEW JERSEY B.O.C.A. CODE AND BARRIER-FREE DESIGN REGULATIONS AS CURRENTLY AMENDED.
 - D. FEDERAL AMERICANS WITH DISABILITIES REGULATIONS, INCLUDING COMPLIANCE WITH THE US ACCESS BOARD'S ADA ACCESSIBILITY GUIDE (ADAAG) AND PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG).
- NO EXCAVATED MATERIALS MAY BE REMOVED FROM THE SITE WITHOUT THE PRIOR APPROVAL OF THE CITY ENGINEER. ALL EXISTING OR PROJECT GENERATED DEBRIS IS TO BE REMOVED AND PROPERLY DISPOSED OF ACCORDING TO ALL APPLICABLE REGULATIONS.
- ALL EXISTING STRUCTURES AND UNDER/ABOVE GROUND UTILITIES LOCATED ON TRACT SHALL BE REMOVED UNLESS OTHERWISE NOTED TO REMAIN. ALL DEMOLITION ACTIVITIES TO BE PERFORMED IN STRICT CONFORMANCE WITH ALL APPLICABLE CITY, COUNTY AND STATE AND/OR ANY OTHER GOVERNING BODIES STANDARDS.
- BEFORE ANY SOIL IS IMPORTED TO OR REMOVED FROM THE SITE, A SOIL PERMIT WILL BE REQUIRED FROM THE CITY.
- SIDEWALK AND CURB ALONG THE PROPERTY'S FRONTAGE WILL BE INSPECTED AT THE TIME OF CONSTRUCTION BY THE MIDDLESEX COUNTY OFFICE OF PUBLIC WORKS AND/OR THE CITY ENGINEER AND SUCH IMPROVEMENTS WILL BE REPAIRED OR REMOVED/REPLACED AS DIRECTED BY THE COUNTY DIRECTORY OF PUBLIC WORKS AND/OR CITY ENGINEER.
- THE POTENTIAL RECOGNIZED ENVIRONMENTAL CONDITIONS LOCATION MAP PREPARED BY AMERTECH ENGINEERING SERVICES LLC DATED JULY 07, 2021 SHOWS POTENTIAL EXISTING SLABS AND FOUNDATIONS ON SITE. ALL MATERIALS ASSOCIATED WITH THE EXISTING STRUCTURES SHALL BE REMOVED IN THEIR ENTIRETY. IN ADDITION, SEE GEOTECHNICAL ENGINEERING REPORT BY GEO-TECHNOLOGY ASSOCIATES, INC DATED NOVEMBER 2021 FOR ADDITIONAL DETAILS ON EXISTING FINDINGS.
- THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A FLOOD ZONE AS SHOWN ON THE FLOOD INSURANCE RATE MAP No. 34039C0039F DATED SEPTEMBER 20, 2006 FOR THE CITY OF PLAINFIELD.
- AN INSPECTION OF THE EXCAVATION SHALL BE MADE BY THE CITY ENGINEER PRIOR TO THE INSTALLATION OF THE DETENTION BASIN.
- THESE NOTES APPLY TO ALL SHEETS IN THIS SET OF PLANS.

SHT NO.	DESCRIPTION
1	COVER SHEET & EXISTING CONDITIONS PLAN
2	ENGINEERING & IMPROVEMENT PLANS
3	LANDSCAPING PLAN & LIGHTING PLANS
4	SOIL EROSION & SEDIMENT CONTROL PLAN
5-6	CONSTRUCTION DETAILS

UNDER SEPARATE COVER

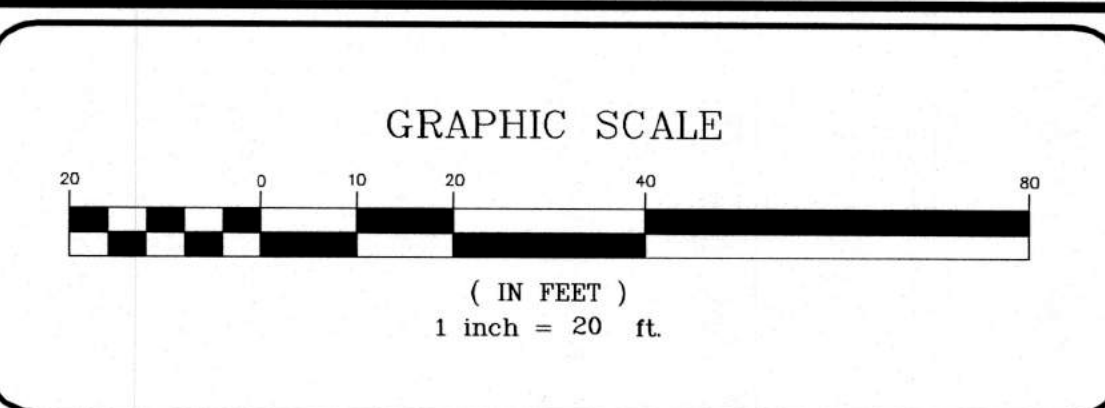
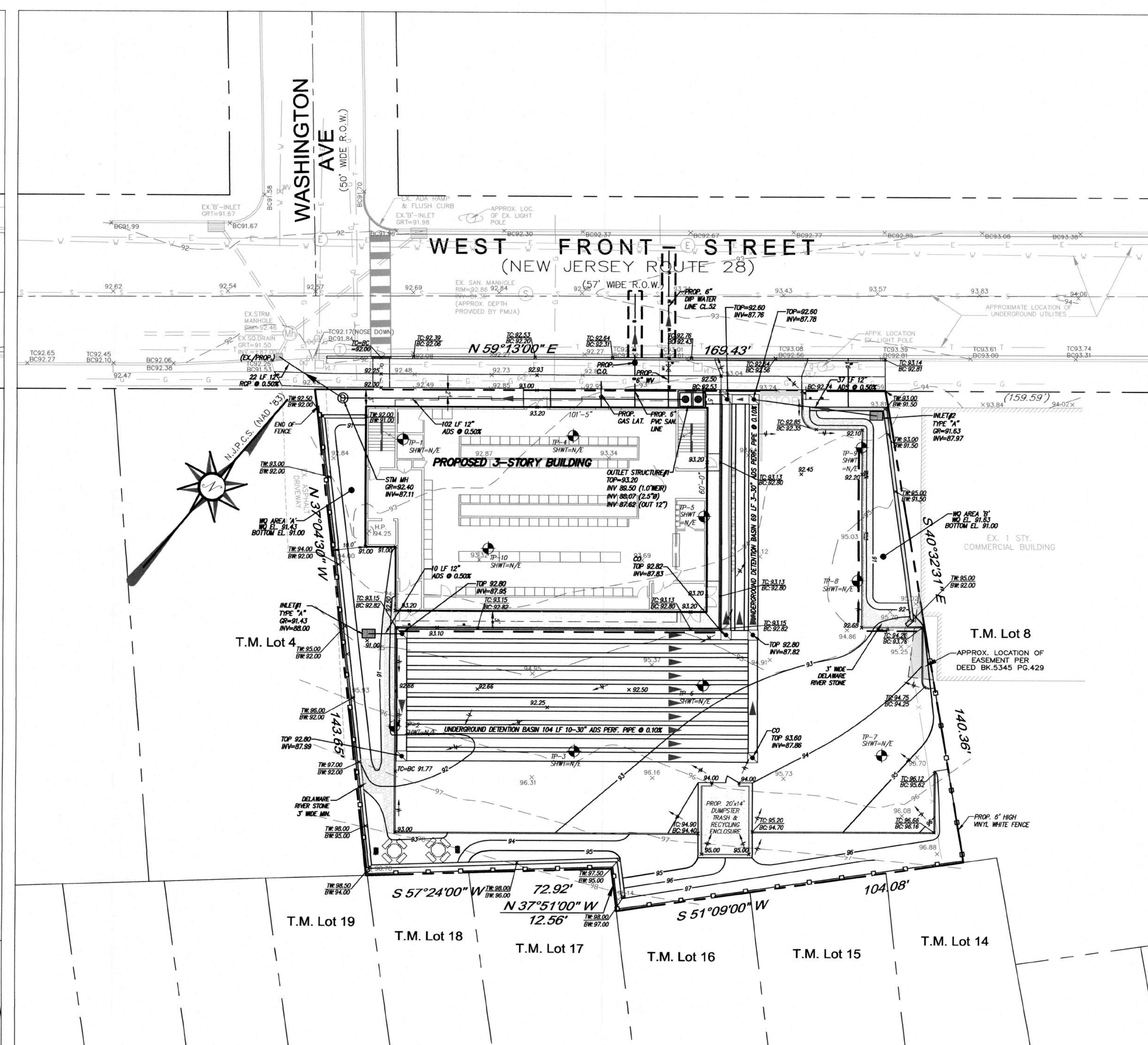
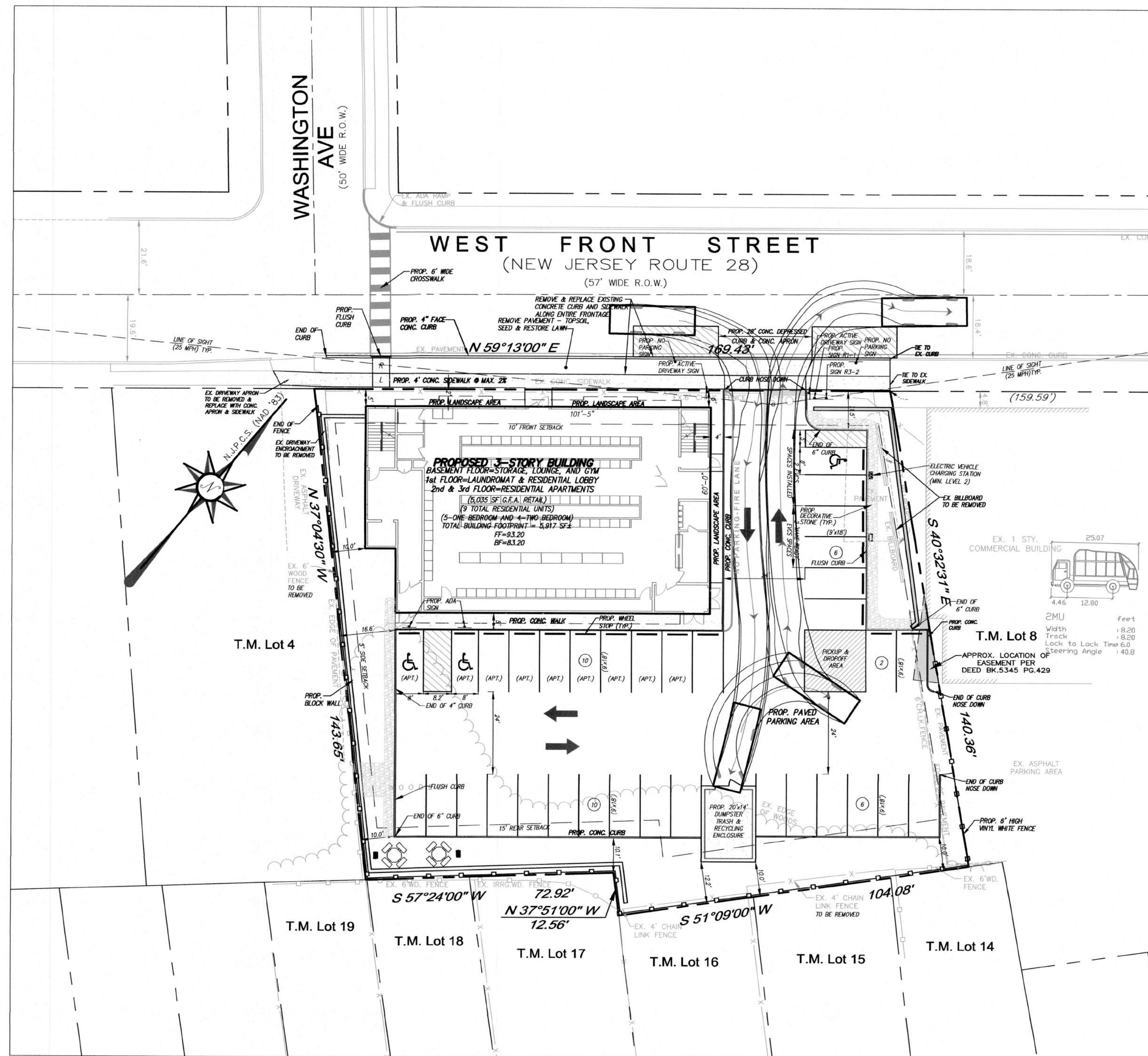
- 1) BOUNDARY LINE TOPOGRAPHIC SURVEY PLAN
SHT 1 OF 1

APPROVED BY THE PLANNING BOARD OF CITY OF PLAINFIELD
ON _____

CHAIRMAN _____ DATE _____

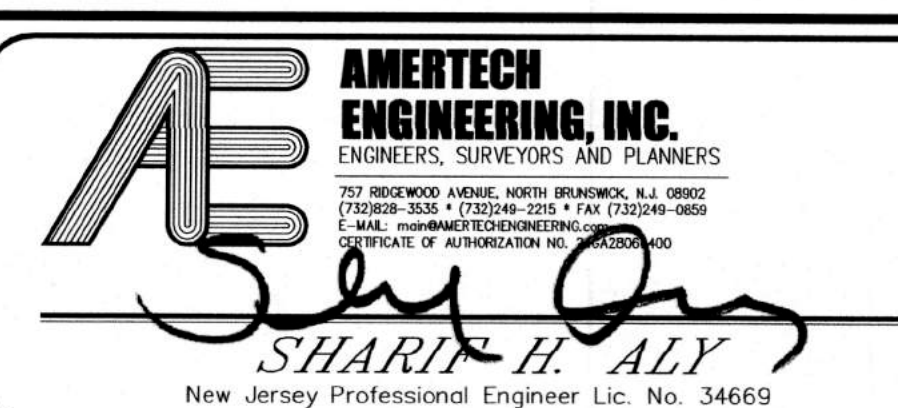
SECRETARY _____ DATE _____

ENGINEER _____ DATE _____



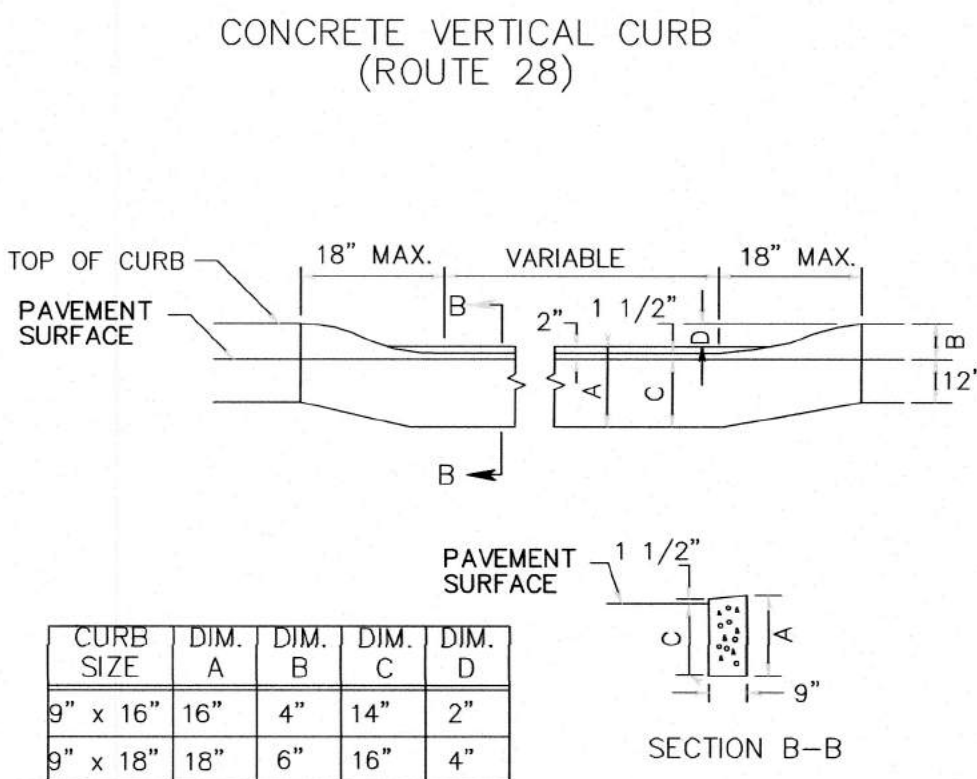
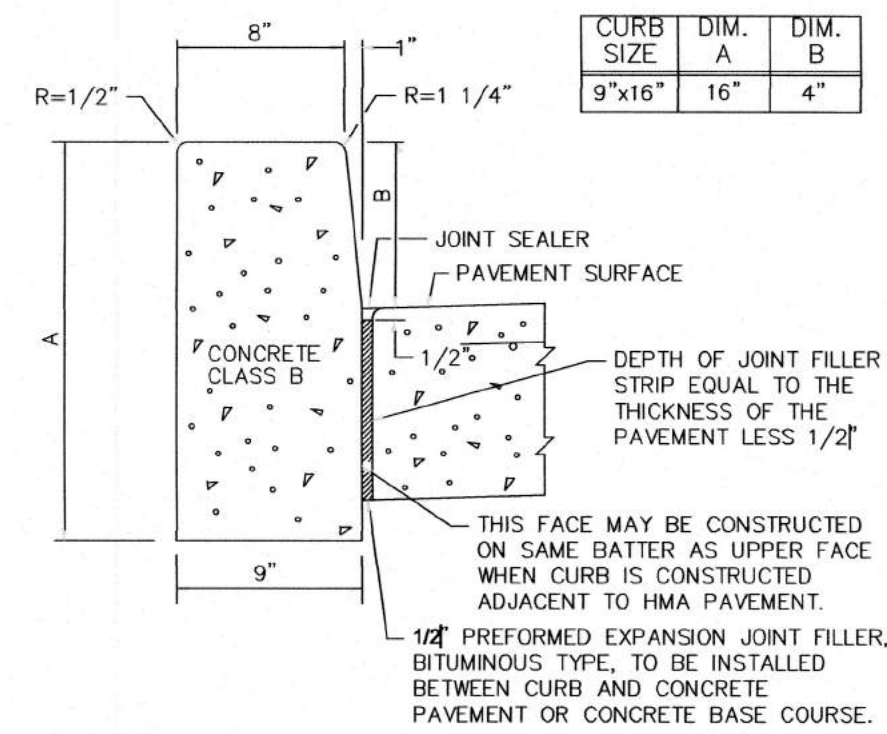
NO.	REVISION	DATE	Dr/Ck
4	PER PLANNING BOARD MEETING & STAFF REPORTS	3/2/2023	KP/SA
3	REVISED TO ELIMINATE BILLBOARD	1/10/2023	SA/SA
2	REVISED PER CH. LETTER 6/23/2022	5/26/2022	GRD/SA
1	PER COMPLETENESS REVIEW #1 DATED 3/7/2022	5/5/2022	KP/SA

CAD#:	DESIGN BY:	DATE:
21-046 SHI2-ENG.	SA	12/19/2021
PB#:	DRAWN BY:	SCALE:
PB-NUM	KP	1"=20'
BOOK#:	Checked by:	FILE NO.:
	SA	21-046

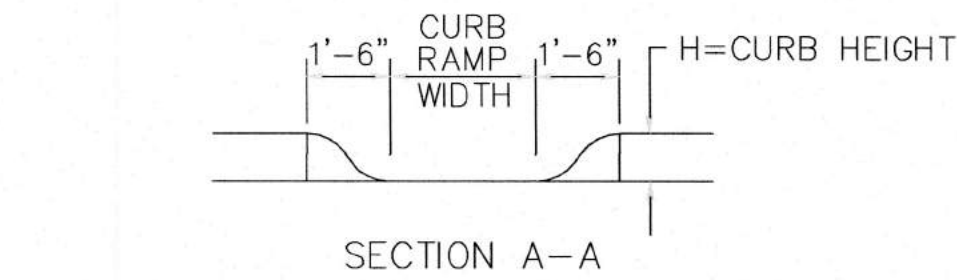


MAJOR SITE PLAN
TAX MAP LOTS 5.01 & 7 BLOCK 239
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY
TAX MAP SHEET No. 160

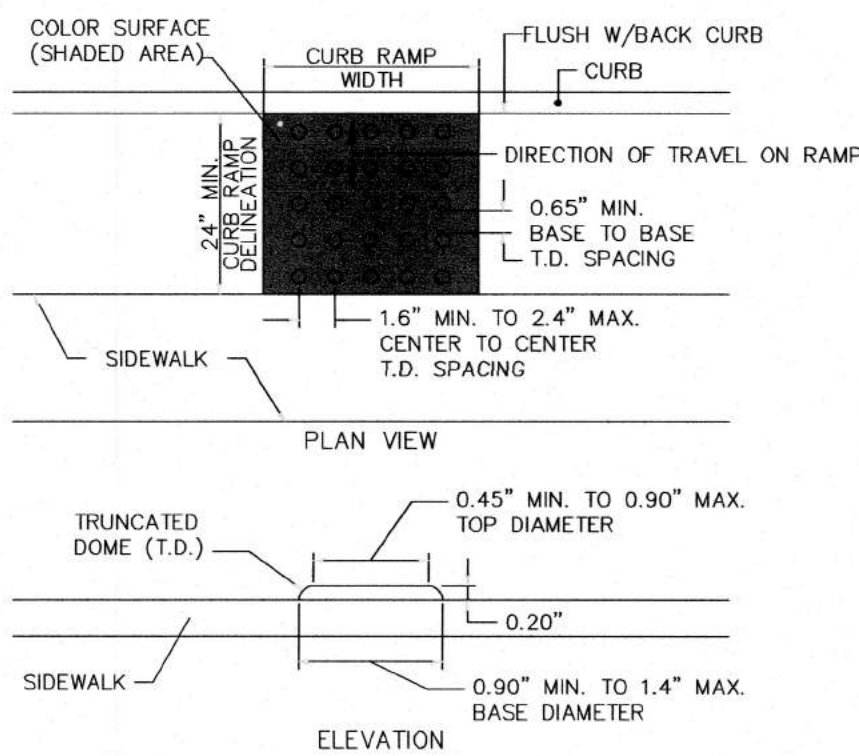
ENGINEERING & IMPROVEMENT PLAN	JOB #: 21-046
2	6



METHOD OF DEPRESSING CURB AT DRIVEWAYS



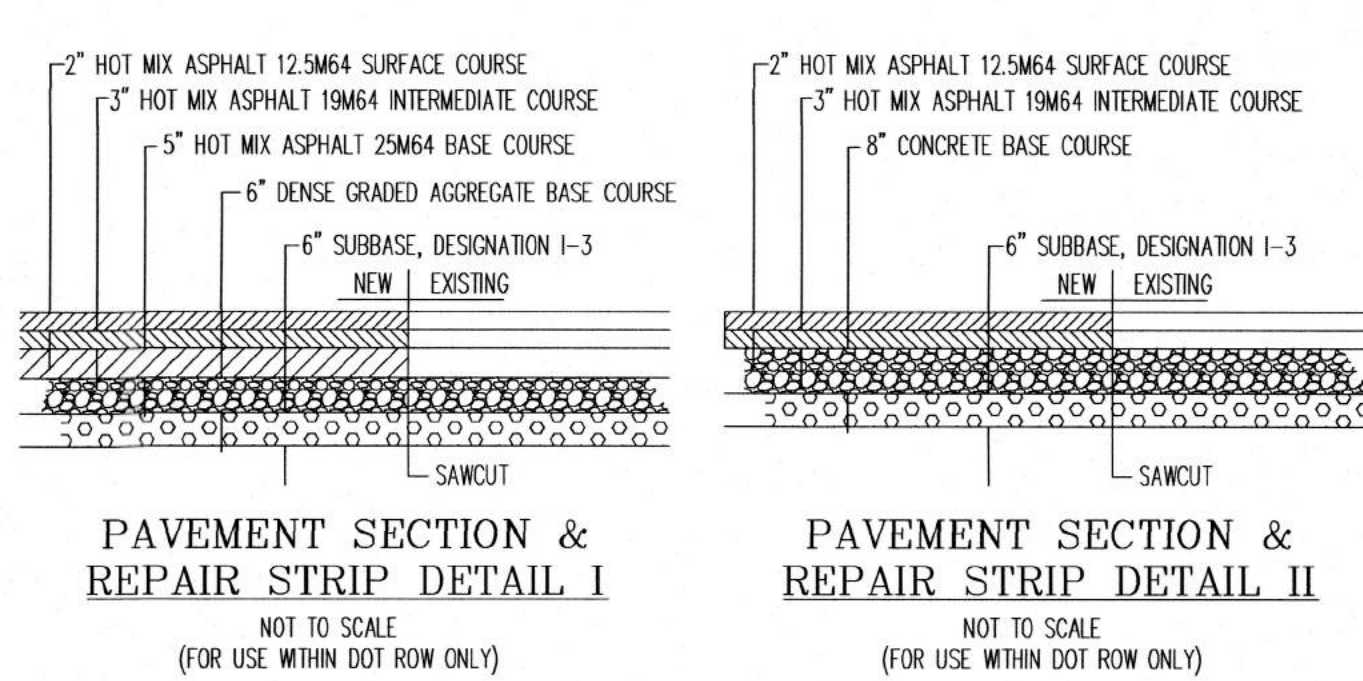
NOTE:
CURB RAMP OPENING TO BE FLUSH WITH
ROADWAY PAVEMENT (CURB RAMP TYPES 5 & 6).



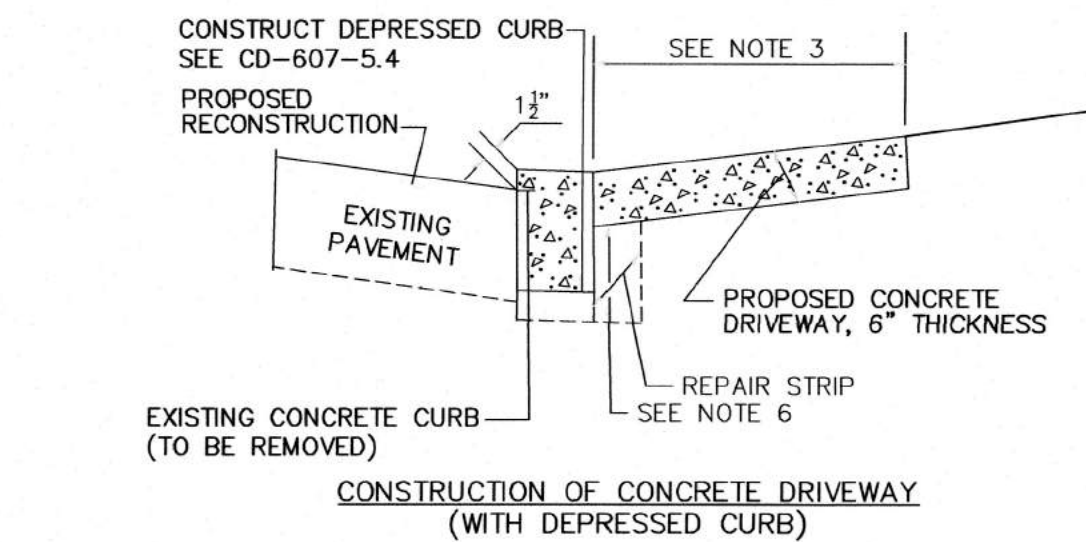
DETECTABLE WARNING SURFACE

ALL D.W.S. WITHIN PUBLIC R.O.W. TO BE CONSTRUCTED IN ACCORDANCE WITH PROWAG SECTION 305.2.

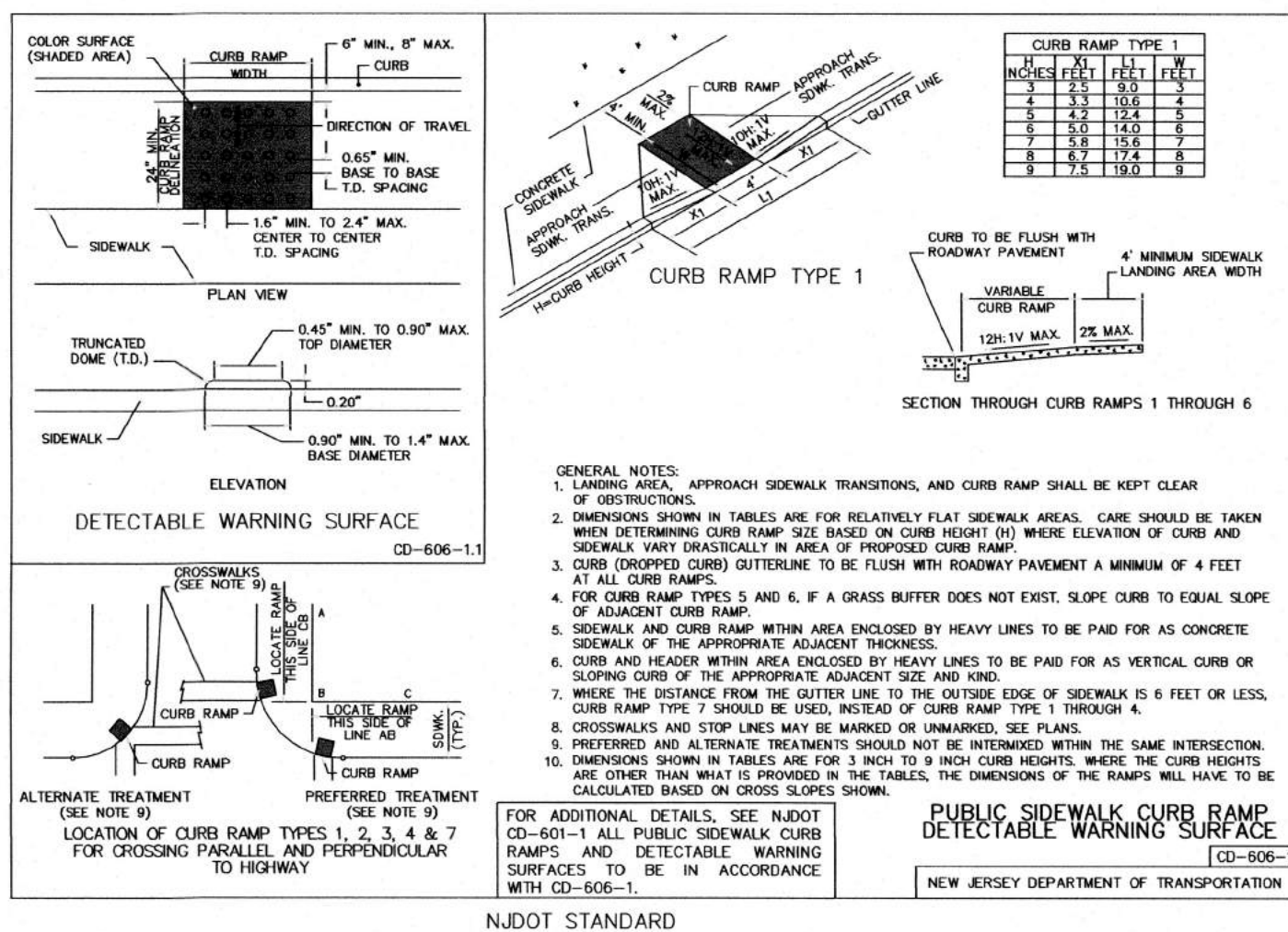
NOTE:
ALL CONCRETE USED ON SITE SHALL BE NJDOT
CLASS "B", 4500 PSI AIR-ENTRAINED CONCRETE



- NOTES:
1. USE PAVEMENT SECTION I FOR WIDENING OR RECONSTRUCTION 5 FEET OR MORE IN WIDTH.
 2. USE PAVEMENT SECTION II FOR AREAS LESS THAN 5 FEET IN WIDTH WHEN PROPER ASPHALT COMPACTION IS NOT POSSIBLE.
 3. SAWCUT PAVEMENT PRIOR TO EXCAVATION.
 4. UNDERCUT SOFT SUBGRADE AREAS AND REPLACE WITH ADDITIONAL SUBBASE OR BORROW EXCAVATION-SELECTED MATERIAL (1-3).
 5. APPLY TACK COAT TO THE EDGE OF EXISTING PAVEMENT PRIOR TO PAVING.
 6. MILLING AND RESURFACING SHALL USE 2" HMA 12.5M/7.6 SURFACE COURSE.
 7. THE LONGITUDINAL JOINT BETWEEN THE NEW AND EXISTING PAVEMENT SHALL BE SAVED AND SEALED.
 8. EXISTING CONCRETE PAVEMENT SHOULD BE REPLACED IN KIND IF FEASIBLE.



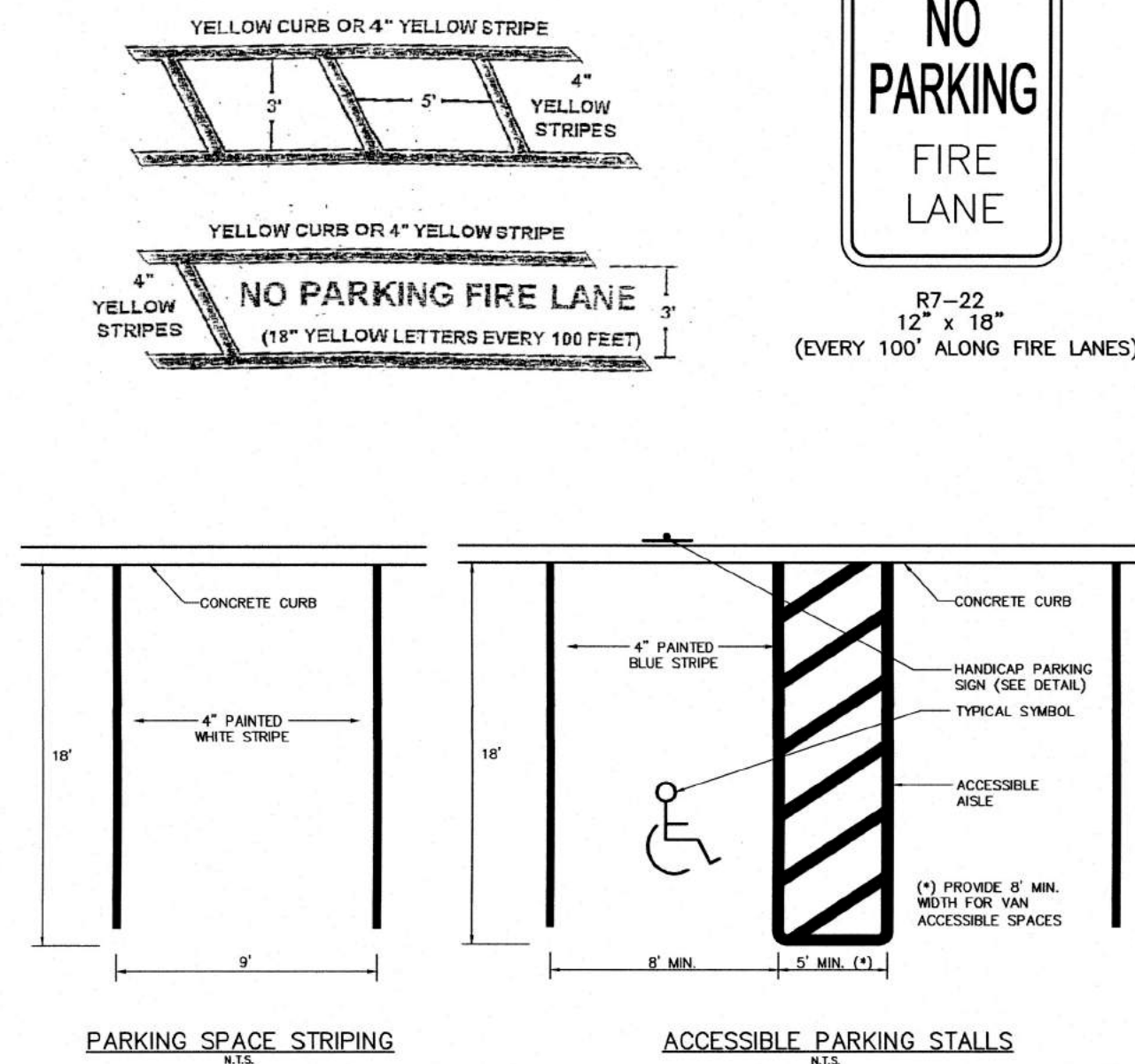
- GENERAL NOTES:
1. ALL MATERIAL, REPAIR STRIPS, AND EXCAVATION FOR DRIVEWAY CONSTRUCTION TO BE INCLUDED IN THE BID PRICE FOR HMA DRIVEWAY, CONCRETE DRIVEWAY, OR CONCRETE CURB.
 2. CONSTRUCT 5 FEET LONG DRIVEWAY UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED.
 3. USE DENSE GRADED AGGREGATE BASE COURSE TO PROVIDE TEMPORARY ACCESS DURING DRIVEWAY CONSTRUCTION.
 4. DENSE GRADED AGGREGATE BASE COURSE.
 5. WHERE SIDEWALK CROSSES DRIVEWAY PROVIDE A 2% MAXIMUM SIDEWALK CROSS SLOPE WITHIN DRIVEWAY AREA.



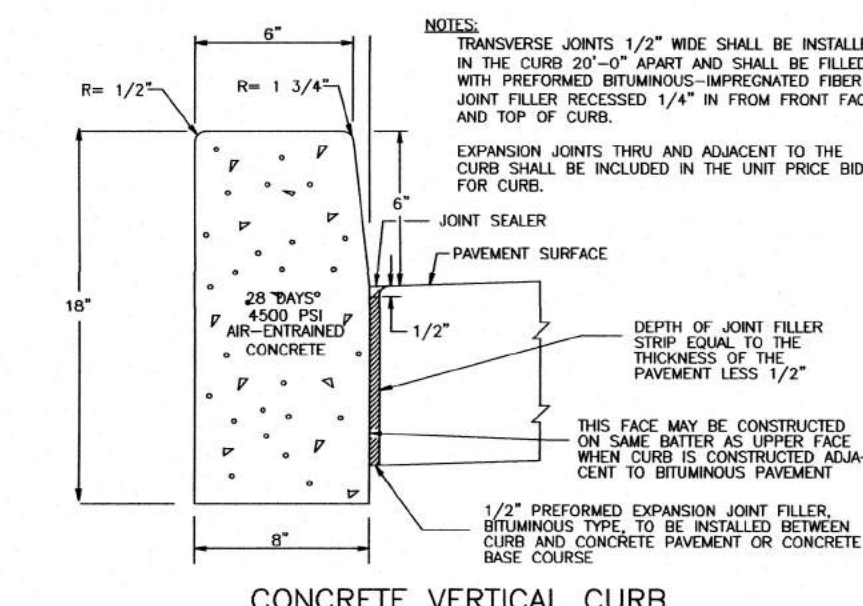
FOR ADDITIONAL DETAILS, SEE NJDOT
CD-601-1 ALL PUBLIC SIDEWALK CURB
RAMPS AND DETECTABLE WARNING
SURFACES TO BE IN ACCORDANCE
WITH CD-606-1.

NJDOT STANDARD

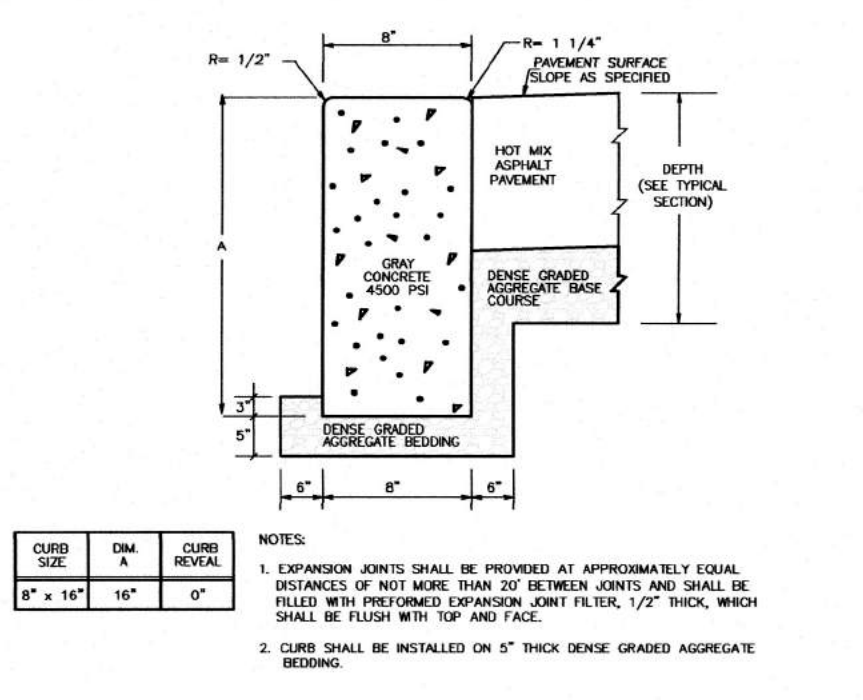
FIRE LANES



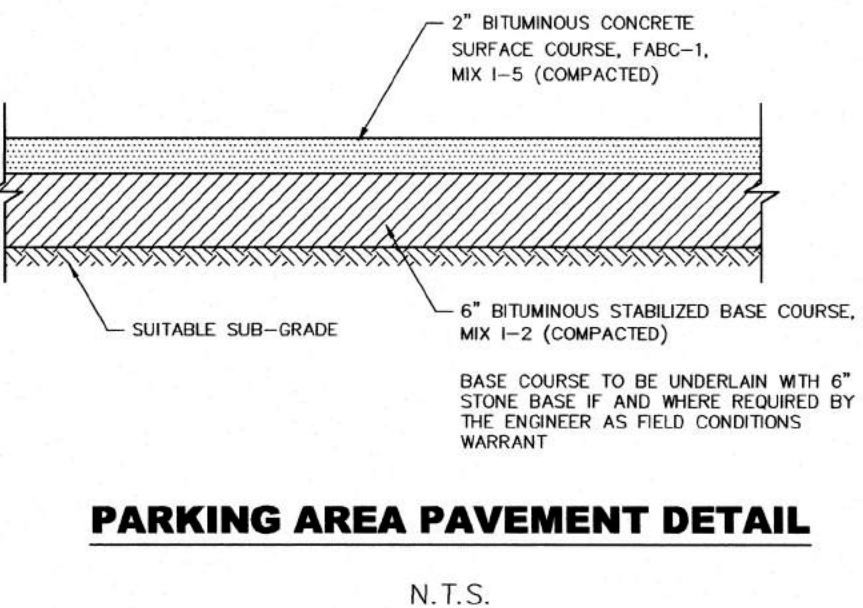
NOTE: ALL PAVEMENT MARKINGS SHALL BE "REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING SYSTEM" OR EQUIVALENT.



CONCRETE VERTICAL CURB



FLUSH CONCRETE CURB DETAIL

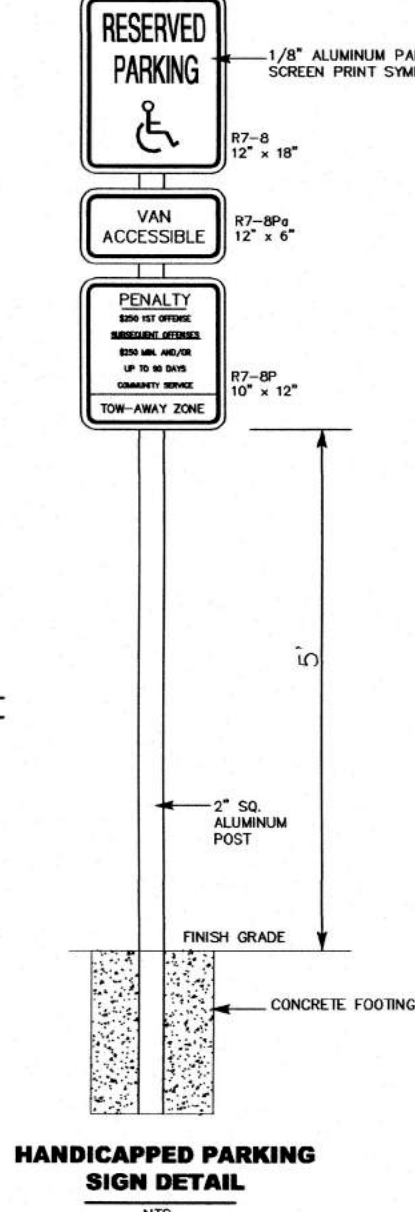


PARKING AREA PAVEMENT DETAIL

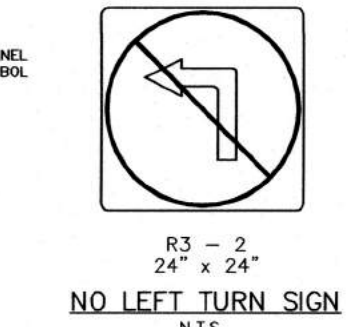
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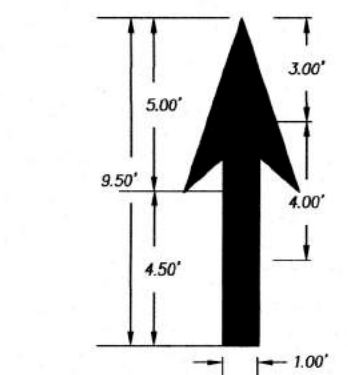
R7-22
12" x 18"
(EVERY 100' ALONG FIRE LANES)



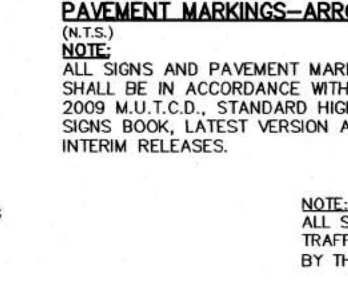
HANDICAPPED PARKING SIGN DETAIL



R3-2
24" x 24"
N.T.S.

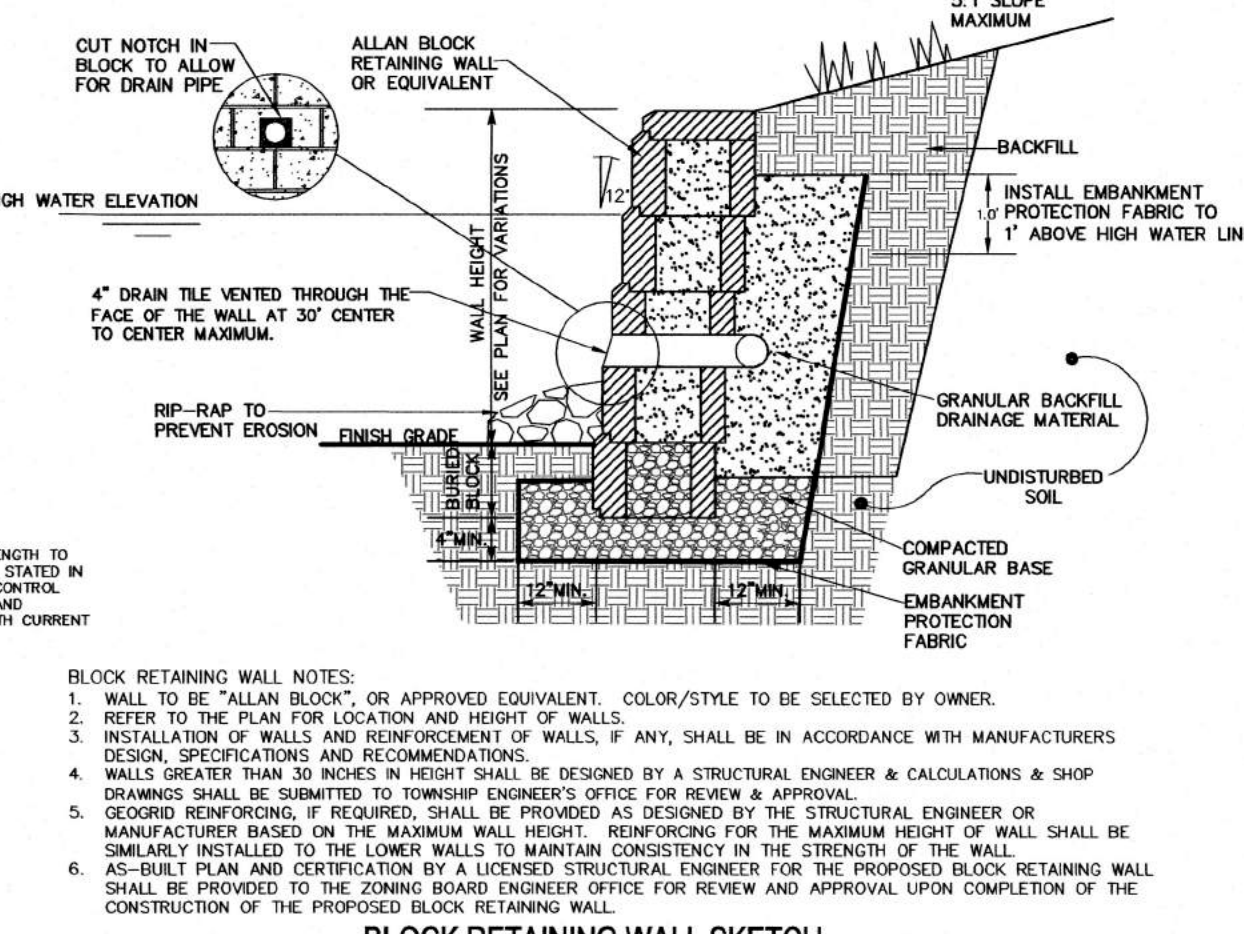
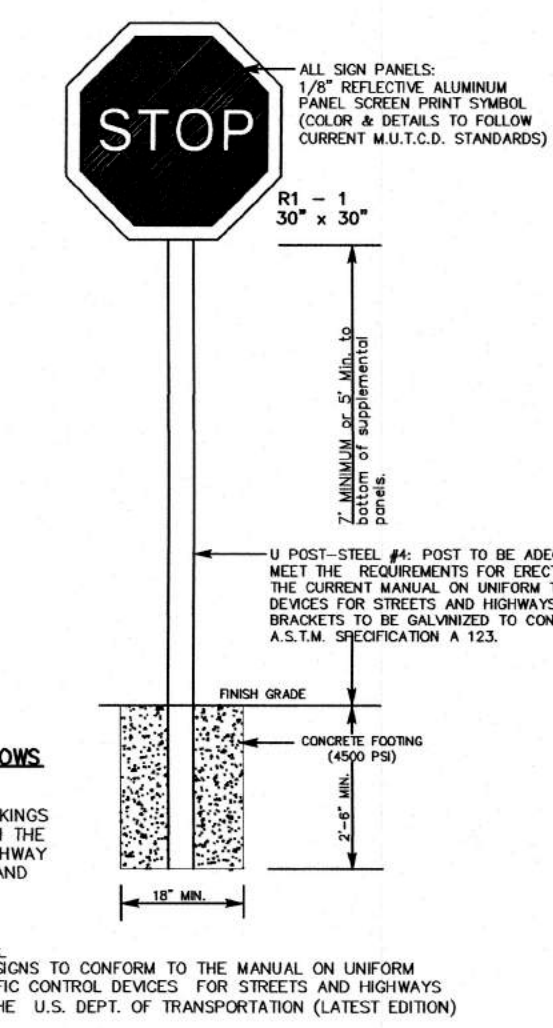


R1-1
30" x 30"
N.T.S.



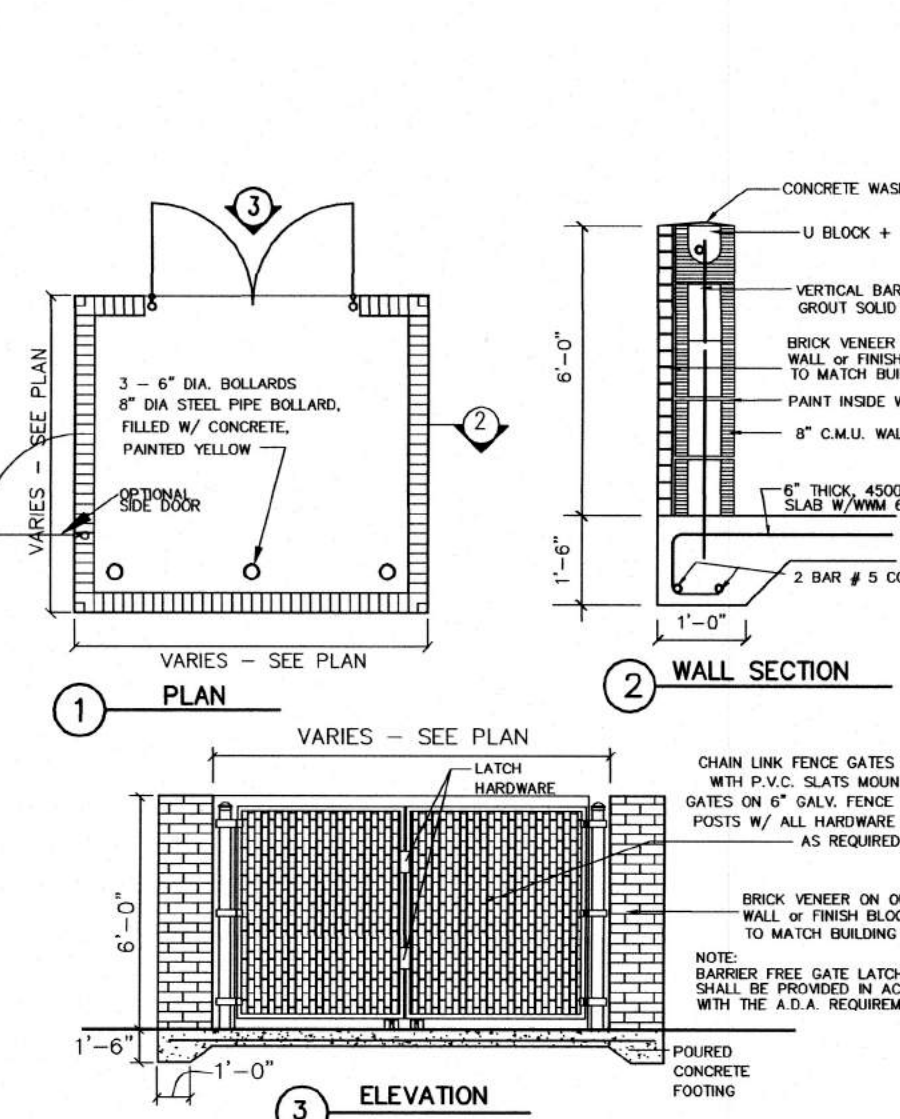
REGULATORY SIGNAGE DETAILS

NOTE: ALL SIGNS TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS BY THE U.S. DEPT. OF TRANSPORTATION (LATEST EDITION)



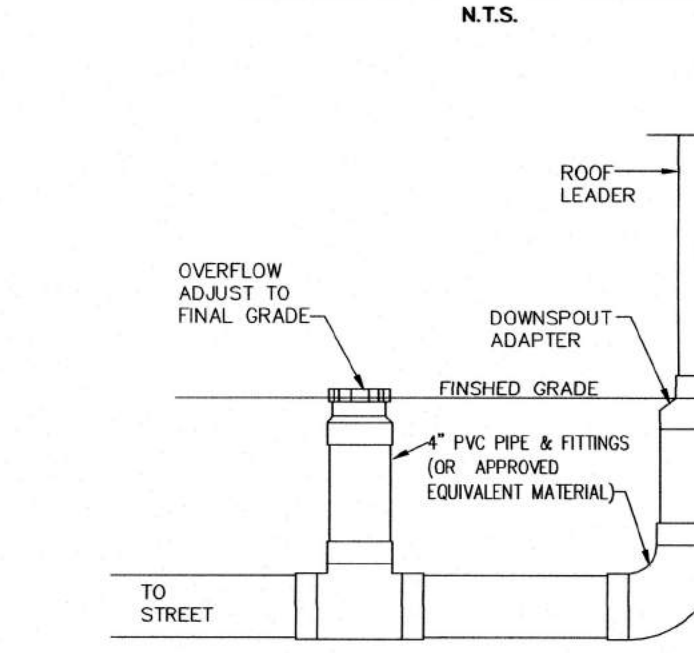
BLOCK RETAINING WALL SKETCH

NOTE: 1. WALL TO BE "ALL-BLOCK" OR APPROVED EQUIVALENT. COLOR/STYLE TO BE SELECTED BY OWNER.
2. REFER TO THE PLAN FOR LOCATION AND HEIGHT OF WALLS.
3. INSTALLATION OF WALLS AND REINFORCEMENT OF WALLS, IF ANY, SHALL BE IN ACCORDANCE WITH MANUFACTURERS DESIGN SPECIFICATIONS AND RECOMMENDATIONS.
4. WALLS GREATER THAN 30 INCHES IN HEIGHT SHALL BE DESIGNED BY A STRUCTURAL ENGINEER & CALCULATIONS & SHOP DRAWINGS SHALL BE SUBMITTED TO TOWNSHIP ENGINEERS OFFICE FOR REVIEW & APPROVAL.
5. GEOTEXTILE REINFORCING, IF REQUIRED, SHALL BE PROVIDED AS DESIGNED BY THE STRUCTURAL ENGINEER OR MANUFACTURER BASED ON THE MAXIMUM WALL HEIGHT. THE MAXIMUM HEIGHT OF WALL SHALL BE SIMILARLY INSTALLED TO THE LOWER WALLS TO MAINTAIN CONSISTENCY IN THE STRENGTH OF THE WALL.
6. AS-BUILT PLAN AND CERTIFICATION BY A LICENSED STRUCTURAL ENGINEER FOR THE PROPOSED BLOCK RETAINING WALL SHALL BE PROVIDED TO THE ZONING BOARD ENGINEER OFFICE FOR REVIEW AND APPROVAL UPON COMPLETION OF THE CONSTRUCTION OF THE PROPOSED BLOCK RETAINING WALL.



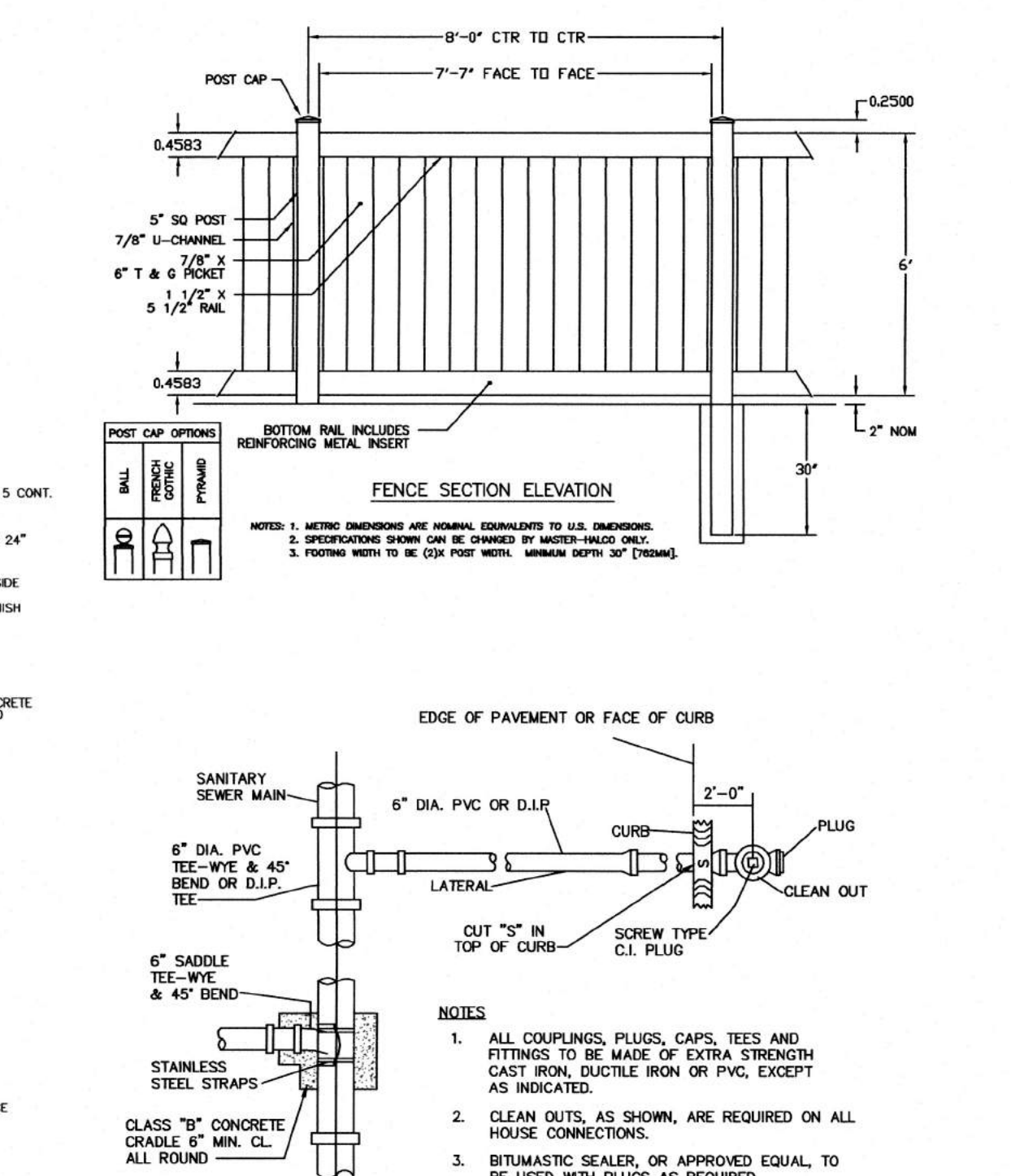
DUMPSTER ENCLOSURE

N.T.S.



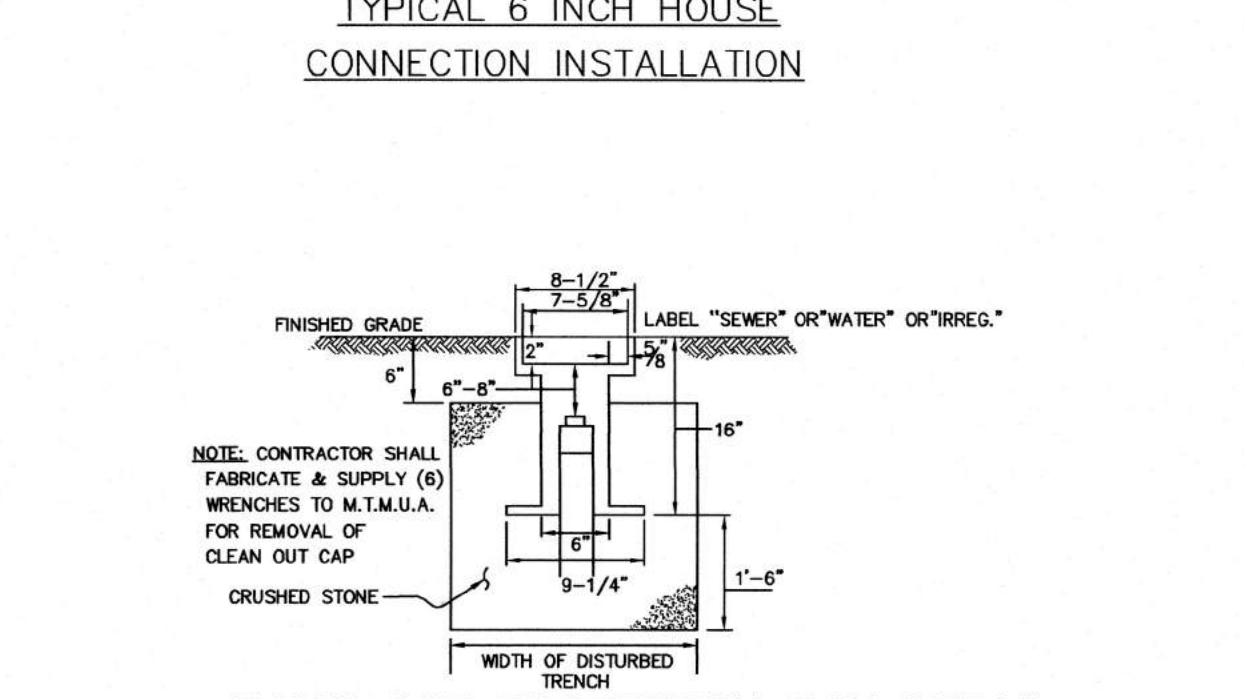
ROOF LEADER DRAIN CONNECTION

N.T.S.



TYPICAL 6 INCH HOUSE CONNECTION INSTALLATION

NOTE: 1. ALL COUPLINGS, PLUGS, CAPS, TEES AND FITTINGS TO BE MADE OF EXTRA STRENGTH CAST IRON, DUCTILE IRON OR PVC, EXCEPT AS INDICATED.
2. CLEAN OUTS, AS SHOWN, ARE REQUIRED ON ALL HOUSE CONNECTIONS.
3. BUTYLMATIC SEALER, OR APPROVED EQUAL, TO BE USED WITH PLUGS AS REQUIRED.



CLEAN OUT PROTECTION BOX DETAIL

NOTE: CONTRACTOR SHALL FABRICATE & SUPPLY (6) WEIGHED TO 1/4" TALL FOR REMOVAL OF CLEAN OUT CAP

AMERTECH ENGINEERING, INC.
ENGINEERS, SURVEYORS AND PLANNERS

737 BROADWOOD AVENUE, NORTH BRUNSWICK, N.J. 08902
(732) 249-2500 • (732) 249-2255 • FAX (732) 249-0859
E-MAIL: amertech@amertecheng.com
CERTIFICATE OF AUTHORIZATION NO. 120000000

SHARIF H. ALY
New Jersey Professional Engineer Lic. No. 34669

MAJOR SITE PLAN
TAX MAP LOTS 5.01 & 7 BLOCK 239
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY
TAX MAP SHEET No. 160

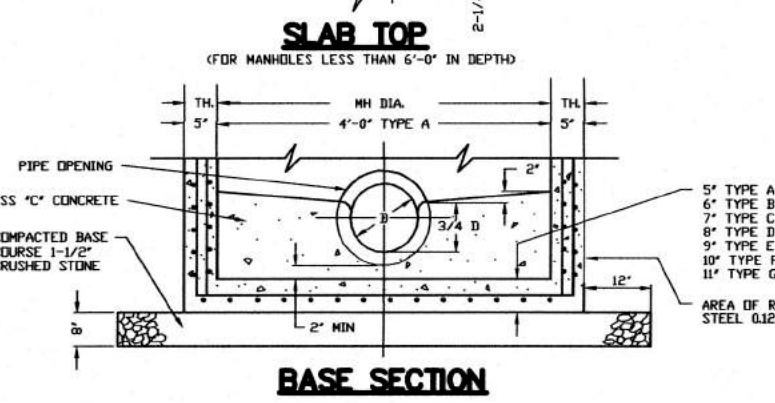
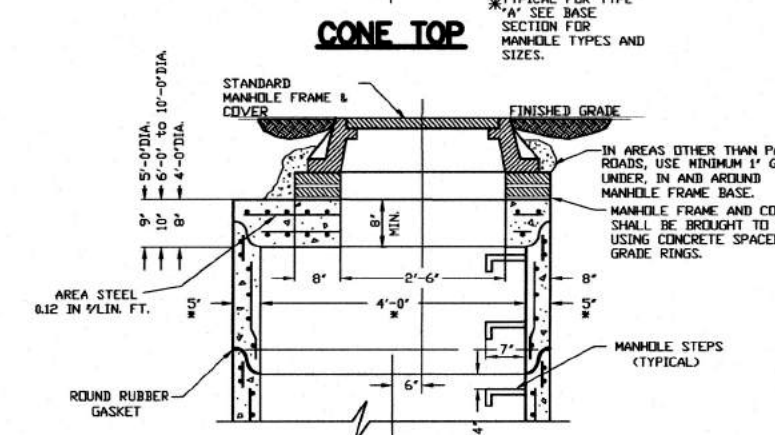
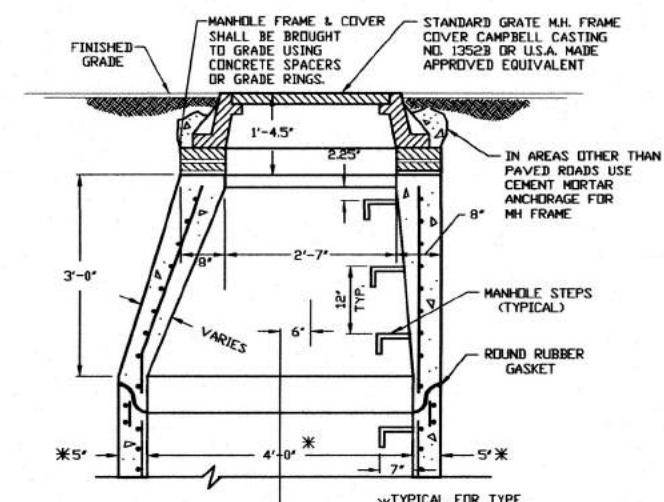
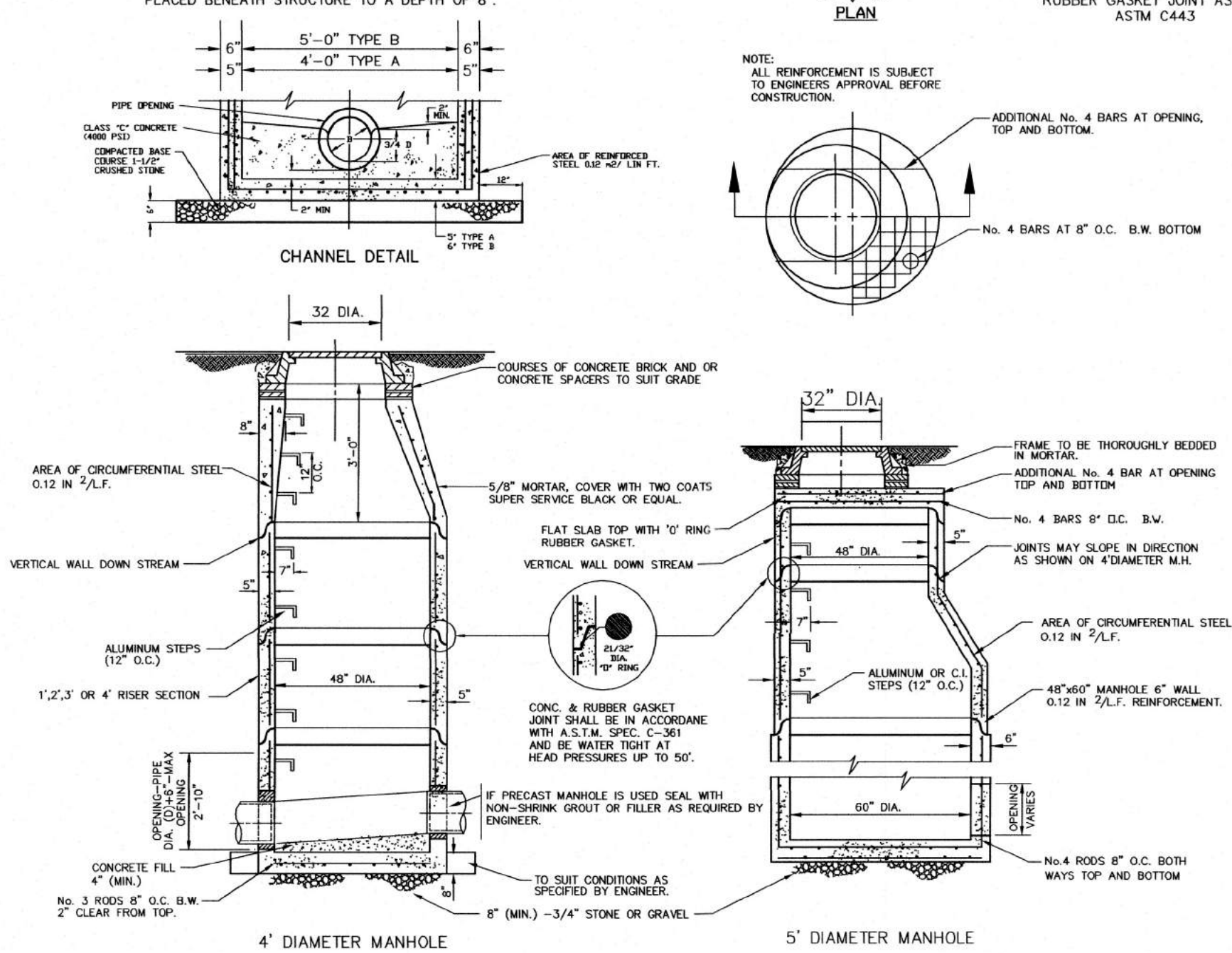
CONSTRUCTION DETAILS

JOB #:
21-046

5
6

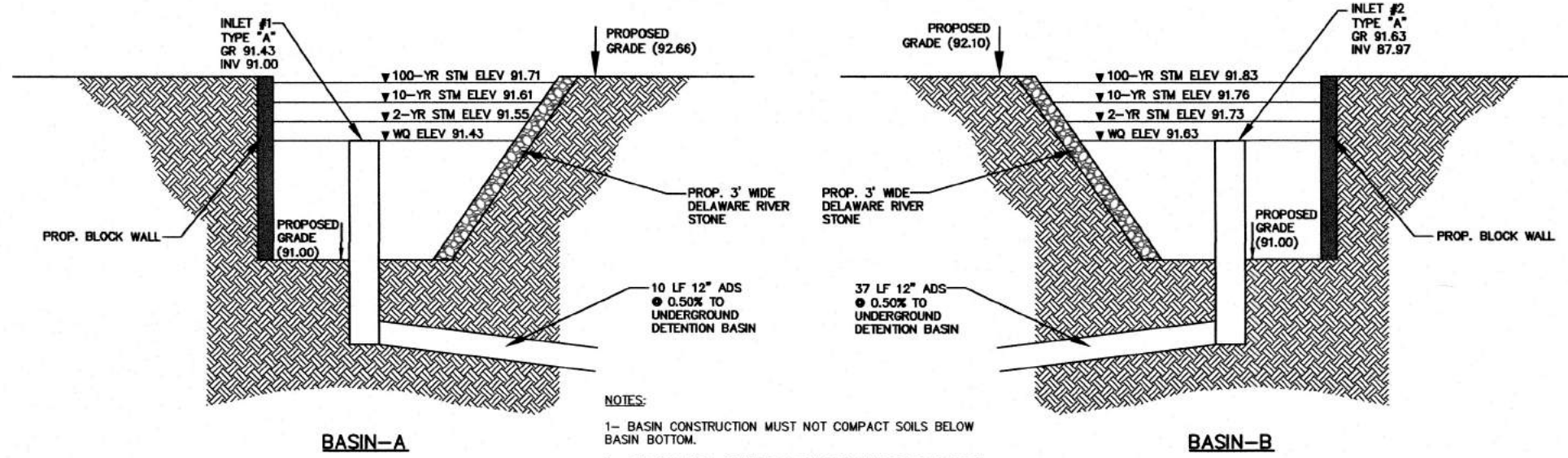
NOTES:

1. THIS MANHOLE MAY BE CONSTRUCTED OF CONCRETE OR CONCRETE BLOCK. IF CONCRETE BLOCK IS USED, THE BOTTOM SHALL BE AS SHOWN FOR CONCRETE & THE OUTSIDE OF THE WALLS SHALL BE PLASTERED WITH 1/2" COAT OF 1:2 CEMENT SAND MORTAR. THE INSIDE WALLS JOINTS SHALL BE STRUCK & POINTED.
2. PROVIDE 7/8" DIA. X 7' X 12" ALUMINUM LADDER RUNGS, 12" O.C.
3. WHEN DEPTH IS GREATER THEN 12' THE WALLS SHOULD BE EITHER 8" CONCRETE OR 8" CONCRETE BLOCK AND THE FOOTING SHALL BE EXTENDED TO 12' BEYOND THE OUTSIDE WALLS.
4. WHEN PRECAST STRUCTURES ARE USED, CLEAN STONE SHALL BE PLACED BENEATH STRUCTURE TO A DEPTH OF 6".



**PRECAST CONCRETE MANHOLE TYPES
A,B,C,D,E,F & G**

NOT TO SCALE

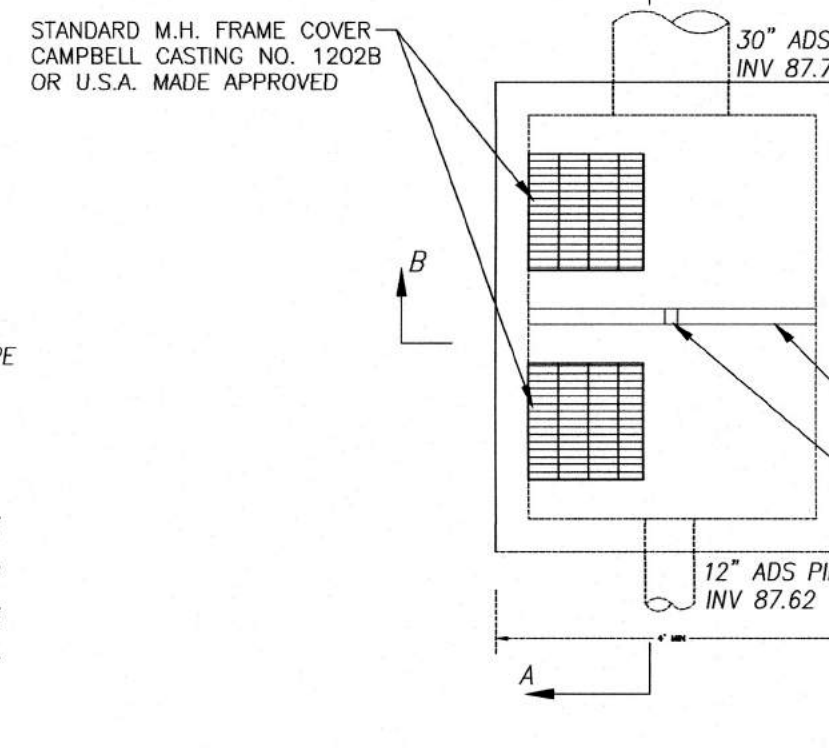
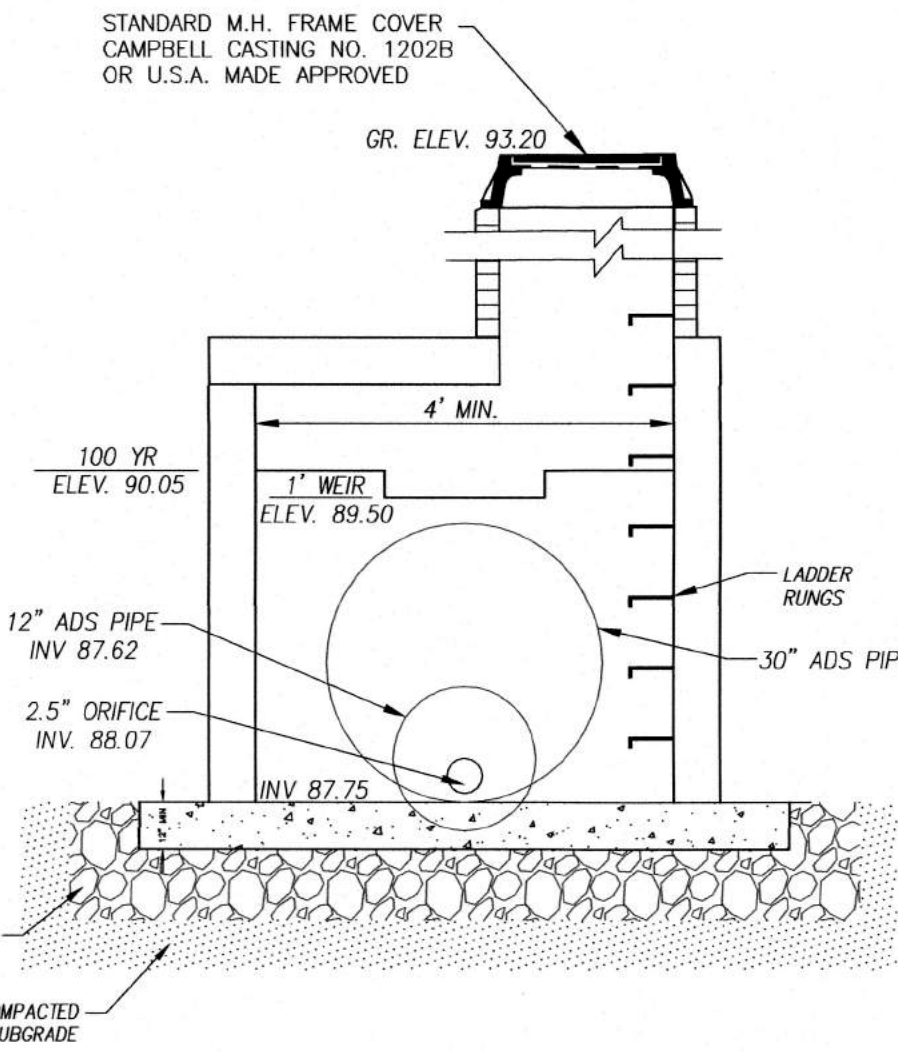


NOTES:

1. BASIN CONSTRUCTION MUST NOT COMPACT SOILS BELOW BASIN BOTTOM.
2. BOTTOM AREA OF INFILTRATION BASIN MUST BE AS LEVEL AS POSSIBLE.
3. DURING CLEARING AND GRADING OF THE SITE, MEASURES MUST BE TAKEN TO ELIMINATE SOIL COMPACTION AT THE PROPOSED INFILTRATION BASIN.
4. THE LOCATION OF THE PROPOSED INFILTRATION BASIN MUST BE CORROBORATED DURING CONSTRUCTION TO PREVENT COMPACTION OF THE SUBSOIL BY CONSTRUCTION EQUIPMENT OR STOCKPILES.
5. EXCAVATION AND CONSTRUCTION OF AN INFILTRATION BASIN MUST BE PERFORMED USING EQUIPMENT PLACED OUTSIDE THE LIMIT OF THE BASIN.
6. THE EXCAVATION TO THE FINAL DESIGN ELEVATION OF THE INFILTRATION BASIN BOTTOM MAY ONLY OCCUR AFTER ALL CONSTRUCTION WITHIN ITS DRAINAGE AREA IS COMPLETED AND THE DRAINAGE AREA IS STABILIZED.

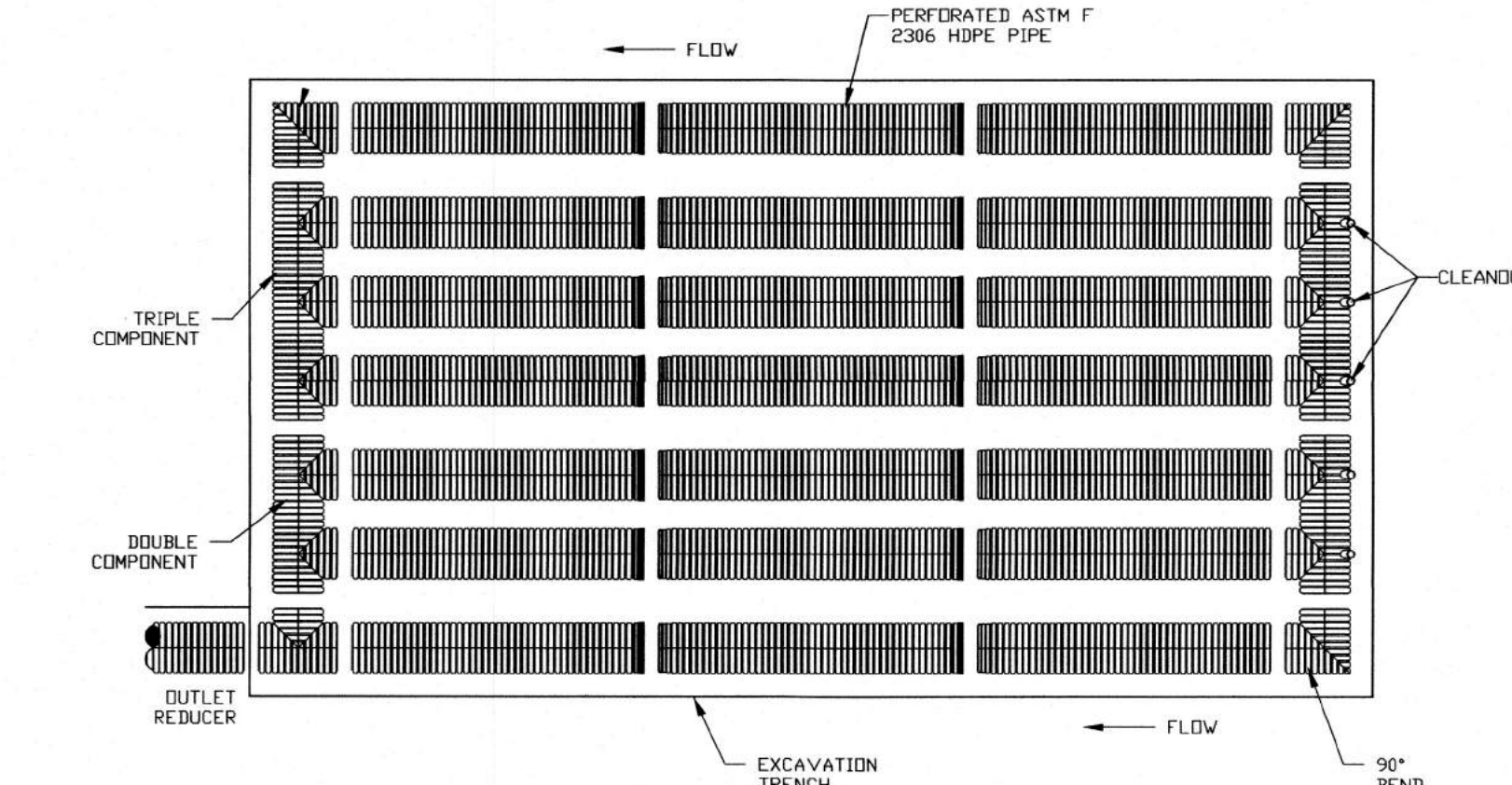
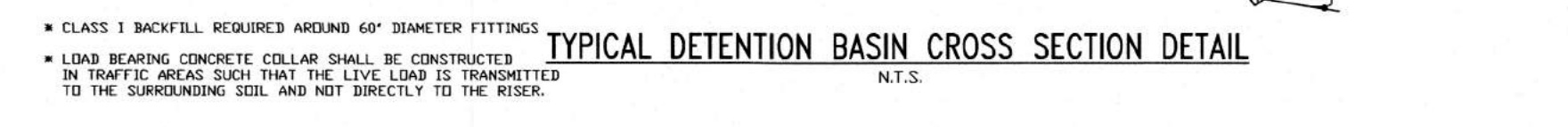
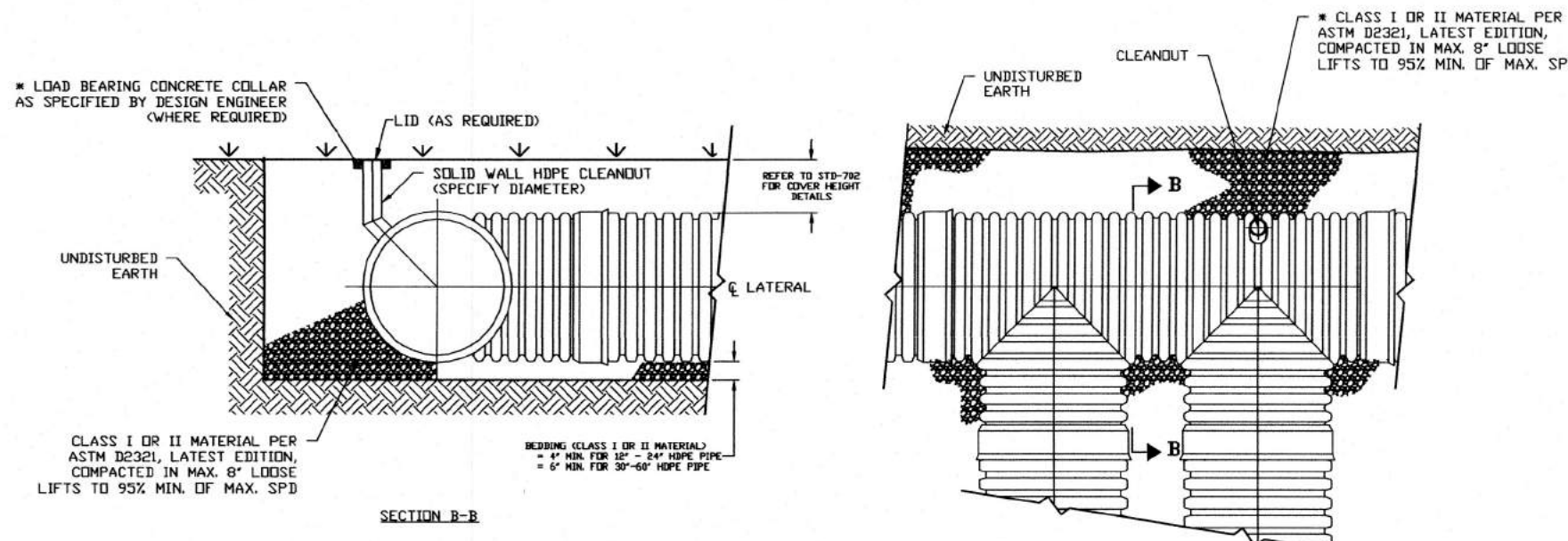
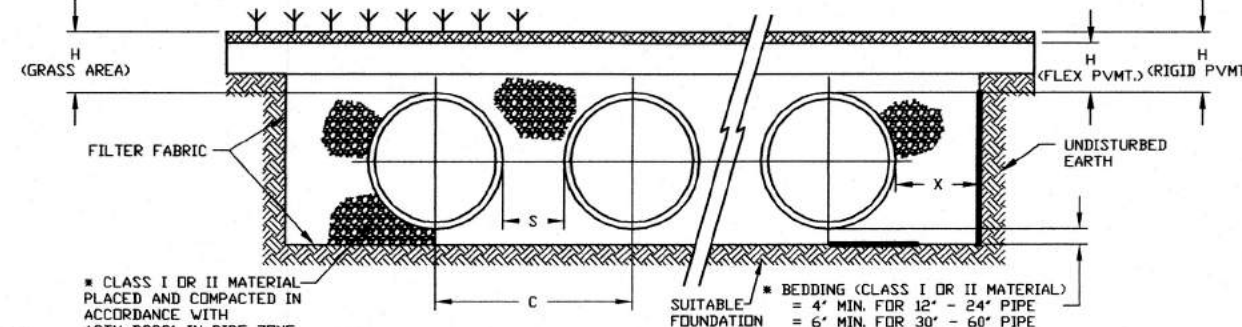
INFILTRATION BASINS DETAIL

N.T.S.



TOP VIEW

**OUTLET STRUCTURE
PRECAST CONCRETE**



TYPICAL BELOW GRADE DETENTION BASIN SYSTEM LAYOUT SCHEMATIC

NOTE: THIS PLAN IS SHOWN FOR SCHEMATIC PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL DETENTION/RETENTION SYSTEM PROPOSED FOR THIS PROJECT. REFER TO THE UTILITY PLAN AND MANUFACTURERS SHOP DRAWINGS FOR INSTALLATION DETAILS.

ADS
ADVANCED DRAINAGE SYSTEMS, INC.
4640 TRUENAM BLVD.
HILLIARD, OHIO 43026

NO.	REVISION	DATE	Dr/Ck
3	PER PLANNING BOARD MEETING & STAFF REPORTS	3/2/2023	MP/SA
2	REV PER CME LETTER 6/23/2022	9/26/2022	GMO/SA
1	PER COMPLETENESS REVIEW #1 DATED 3/7/2022	5/6/2022	MP/SA

CAD#:	DESIGN BY:	DATE:
21-046 SHS-DETALS	SA	12/19/2021
PB#:	DRAWN BY:	SCALE:
PB-NUM	KP	NTS
BOOK#:	Checked by:	FILE NO.:
-	SA	21-046

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SHARIF H. ALY
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MAJOR SITE PLAN
TAX MAP LOTS 5.01 & 7 BLOCK 239
CITY OF PLAINFIELD
UNION COUNTY, NEW JERSEY
TAX MAP SHEET No. 160

CONSTRUCTION DETAILS

JOB #:
21-046
6
6