

550 BERGEN BOULEVARD

OWNER/APPLICANT: DONG NAM NY LLC

BLOCK 416 - LOT 3

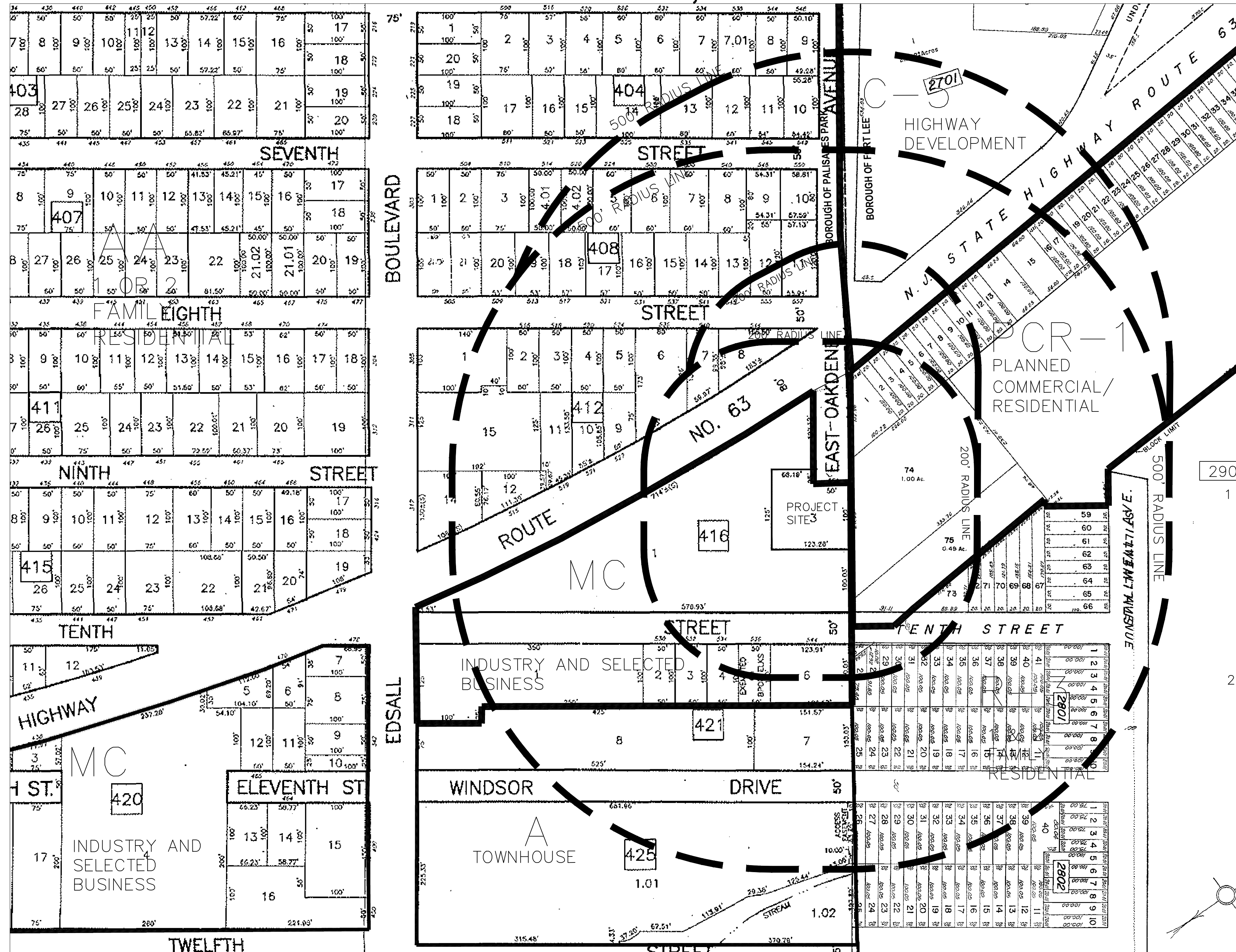
BOROUGH OF PALISADES PARK
BERGEN COUNTY, NEW JERSEY

SEPTEMBER 24, 2020

BOROUGH OF PALISADES PARK ZONING BOARD	
BOROUGH OF PALISADES PARK ZONING BOARD CHAIRMAN:	DATE:
BOROUGH OF PALISADES PARK ZONING BOARD SECRETARY:	DATE:
BOROUGH OF PALISADES PARK ZONING BOARD ENGINEER:	DATE:

CONSTRUCTION NOTES

1. THE LOCATIONS OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES FOR THEIR EXACT LOCATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY EXISTING PAVEMENT MARKINGS THAT ARE DISTURBED IN THE EXISTING PARKING AREAS.
3. TRENCHES OR AREAS EXCAVATED ARE TO BE BACK FILLED WITH SUITABLE MATERIAL AND TOPPED WITH QUARRY PROCESS STONE AT THE END OF EACH WORKING DAY AND PAVED AT THE END OF THE WORK WEEK. TRENCHES LEFT OPEN OVERNIGHT MUST BE BARRICADED WITH ADEQUATE LIGHTING.
4. THE 2007 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS AMENDED AND ADDED TO HEREIN, SHALL GOVERN IN THIS CONTRACT AND CONSTRUCTION.
5. ANY MATERIAL THAT MAY BE DISTURBED DURING THE CONSTRUCTION, MUST BE RETURNED TO ITS ORIGINAL CONDITION.
6. THE AREAS EXCAVATED AROUND INLETS MUST BE BACKFILLED WITH STONE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAPERING PROPOSED WORK TO MEET EXISTING CONDITIONS IN A UNIFORM MANNER.
8. TOPSOILING & SODDING WILL BE PLACED IN THE AREAS DISTURBED DURING CONSTRUCTION AND/OR AS DIRECTED BY THE ENGINEER.
9. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITY.
10. LOCATION OF ROOF LEADERS TO BE COORDINATED WITH PROJECT ARCHITECT PRIOR TO CONSTRUCTION.
11. THE CONTRACTOR SHALL RECEIVE ALL THE NECESSARY APPROVALS FROM ALL LOCAL, COUNTY, AND STATE GOVERNING AGENCIES, PRIOR TO CONSTRUCTION.
12. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS SERVICE DURING EXCAVATION.
13. SITUATIONS WHERE THE PROPOSED WATER SERVICES CONFLICTS WITH OTHER UTILITIES, THE CONTRACTOR WILL BE DIRECTED BY THE ENGINEER TO LOOP OVER OR UNDER THE UTILITY AS THE CASE MAY BE. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE OWNER, CITY ENGINEER, AND UTILITY COMPANIES TO ARRANGE FOR PROPER REMOVAL, RELOCATION, AND/OR REPAIRS OF ANY UNDERGROUND OR ABOVE GROUND UTILITIES AND OTHER SERVICES, WHICH MAY INTERFERE THROUGHOUT THE COURSE OF CONSTRUCTION.
14. ALL EXISTING UTILITIES TO BE ABANDONED, SHALL BE PLUGGED AT BOTH ENDS.
15. CONCRETE SUPPORT BLOCKS SHALL BE CONSTRUCTED AT ANY CROSSING WHERE THE SEPARATION BETWEEN THE UTILITIES IS LESS THAN EIGHTEEN (18) INCHES OR AS DIRECTED BY THE ENGINEER. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DETAIL AS SHOWN HEREIN.
16. THE CONTRACTOR SHALL INSTALL PROTECTIVE BLOCKING, BRACING OR SHEETING TO SUPPORT ANY EXPOSED GAS UTILITIES IN ACCORDANCE WITH PSE&G REGULATIONS.
17. THE CONTRACTOR SHALL DIG TEST PITS AT ALL CROSSINGS TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
18. TELEPHONE, ELECTRIC, GAS, AND CABLE LINES AND STRUCTURE LOCATIONS SHOWN ON THE PLANS ARE TENTATIVE AND MAY CHANGE PER UTILITY COMPANY DIRECTION. THE CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND INSTALLATION REQUIREMENTS WITH THE APPLICABLE UTILITY COMPANIES.
19. THRUST BLOCKS SHALL BE INSTALLED FOR PROPOSED WATER LINES AND SHALL BE PROVIDED AT ALL TEES, ELBOWS, BENDS, AND PLUGS. IN ADDITION, WATER SERVICE LINES SHALL BE SEPARATED FROM SANITARY SEWERS AND STORMWATER CONVEYANCE LINES BY EITHER 10 FEET HORIZONTALLY (MINIMUM) OR 1.5 FEET VERTICALLY (MINIMUM). IF THIS SEPARATION CAN NOT BE PROVIDED THE WATER LINE SHALL BE ENCASED IN CONCRETE AS PER THE WATER COMPANY SPECIFICATIONS.
20. TRENCH DEPTHS FOR ALL UTILITIES SHALL MEET THE MINIMUM REQUIREMENT OF THE DEPTH SPECIFIED BY THE GOVERNING UTILITY COMPANY OR AUTHORITY. IF DEPTHS TO TOP OF UTILITIES DUE TO PROPOSED GRADING DO NOT MEET GOVERNING UTILITY COMPANY/AUTHORITY DEPTH REQUIREMENT, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RELOCATE THE UTILITY.
21. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY ANY ADDITIONAL SOIL EROSION & SEDIMENT CONTROL MEASURES AS REQUESTED BY THE GOVERNING SOIL CONSERVATION DISTRICT.
22. THIS PLAN SET HAS BEEN PREPARED FOR MUNICIPAL AND AGENCY REVIEW PURPOSES ONLY. THIS PLAN SET SHALL BE NOT USED FOR CONSTRUCTION OR DIGITAL STAKEOUT UNTIL ALL NECESSARY APPROVALS AND PERMITS HAVE BEEN SECURED BY THE APPLICANT. ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED BY THE APPLICANT, AND THE PLAN SET IS MARKED "ISSUED FOR CONSTRUCTION".

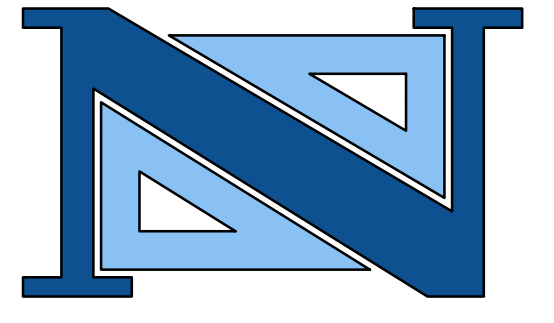


SHEET INDEX	
DRAWING NO.	DRAWING TITLE
1.00	COVER SHEET
2.00	SITE PLAN
3.00	GRADING PLAN
3.01	DRAINAGE PLAN
4.00	UTILITY PLAN
5.00	LIGHTING AND LANDSCAPE PLAN
6.00	SOIL EROSION AND SEDIMENT CONTROL PLAN
7.00 - 7.02	CONSTRUCTION DETAILS
1 OF 1	BOUNDARY AND TOPOGRAPHIC SURVEY



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REVISIONS			DRAWN	DESIGNED	CHECKED
NO.	DATE	DESCRIPTION			



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N.J. LICENSE NO. 46445

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PROFESSIONAL LAND SURVEYOR N.J. LICENSE NO. 38604
PROFESSIONAL PLANNER N.J. LICENSE NO. 33100569800

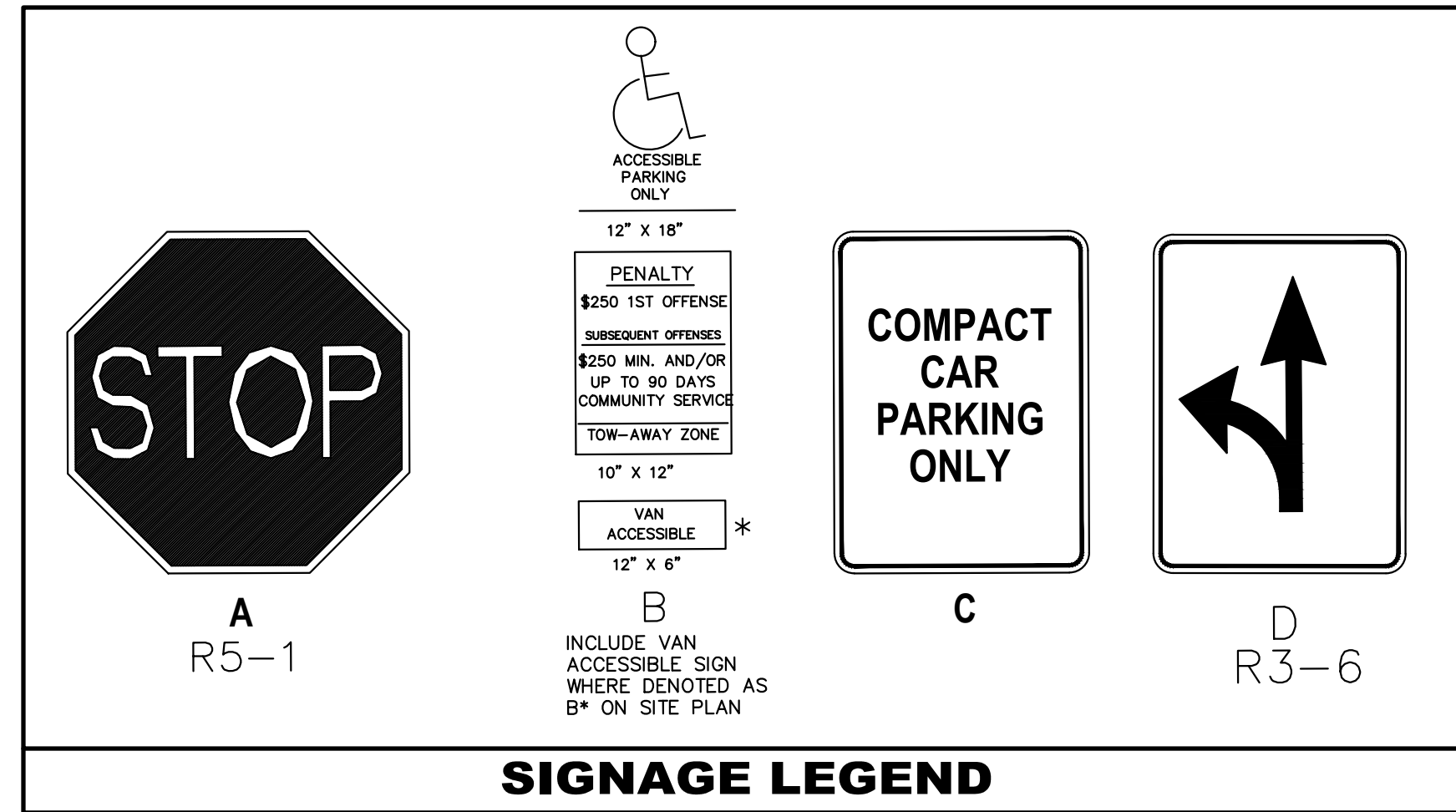
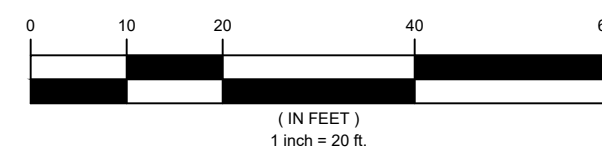
COVER SHEET
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

CERTIFICATE OF AUTHORIZATION (N.J.S.A. 45:8-56) 24GA27927000

DRAWN BY: M.F.L.	CHECKED BY: A.K.	PROJECT NO.:	SHEET NO.:
DESIGNED BY: M.F.L.	SCALE: N.T.S.	PAPKPRV20.010	1.00
FIELD BOOK NO.:	PAGE:	DATE: SEPTEMBER 24, 2020	



GRAPHIC SCALE



ZONING TABLE
BLOCK 416, LOT 3
BOROUGH OF PALISADES PARK, NJ
MC DISTRICT - INDUSTRY AND SELECTED BUSINESS

Table with columns: Use, Required/Permitted, Existing, Proposed, Variance, Code Section. Rows include Min Lot Area, Min Lot Frontage, Min Front Yard, Min Side Yard, Min Rear Yard, Max Building Height, Max Coverage (bldg), Density (units per acre), Max Impervious Coverage, Off Street Parking, and Parking Space Size - Ordinance.

C = CONFORMS, ENC = EXISTING NON-CONFORMANCE, V = VARIANCE, DW = DESIGN WAIVER

PARKING CALCULATION TABLE

Table with columns: Unit Type, Calculation, Total Required Spaces, Proposed Parking Deck Spaces, Proposed On Street Parking, Total Parking Provided.

Note: RSIS does not specify parking requirement for a studio unit therefore a 1 requirement of 1 space per studio unit was used.

Building Height Calculation Table

Table with columns: Elevation, Height. Rows include Ground Floor Lobby Elevation, Top of Roof, Grade Plane Elevation, and Building Height to top of Roof.

Note: Building Height Calculation is as per Architectural Elevations prepared by Virgona and Virgona Architects.

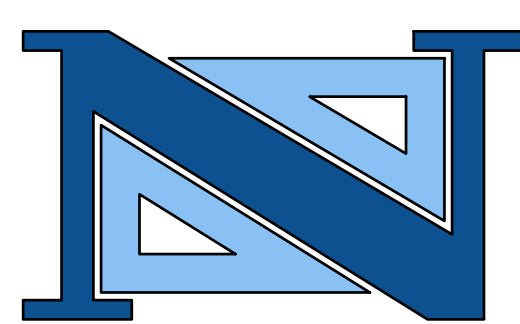
GENERAL NOTES:

- 1. EXISTING CONDITIONS ARE AS PER THE PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, 550 BERGEN BOULEVARD, LOT 3, BLOCK 416, BOROUGH OF PALISADES PARK, BERGEN COUNTY, NJ." PREPARED BY NEGLIA ENGINEERING ASSOCIATES, DATED MARCH 4, 2020.
2. PROPOSED BUILDING CONFIGURATION IS AS PER THE ARCHITECTURAL PLANS PREPARED BY VIROGONA AND VIROGONA ARCHITECTS.

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REVISIONS table with columns: NO., DATE, DESCRIPTION, DRAWN, DESIGNED, CHECKED.



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NEGLIA ENGINEERING ASSOCIATES 34 PARK AVENUE TEL: 201-939-8805 MICHAEL J. NEGLIA, P.E., P.L.S., P.P. PROFESSIONAL ENGINEER N.J. LICENSE NO. 38604

SITE PLAN 550 BERGEN BOULEVARD BLOCK 416 - LOT 3 BOROUGH OF PALISADES PARK NEW JERSEY PROJECT NO. PAKPRV20.010 SHEET NO. 2.00

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N.J.P.C.S.

DRAINAGE/UTILITY NOTES:

1. ROOF DRAINS ARE APPROXIMATE AND SHALL BE COORDINATED WITH ARCHITECTURAL AND PLUMBING PLANS BY OTHERS.
2. SEE PLUMBING PLANS BY OTHERS FOR FLOOR DRAINS AND ASSOCIATED CONNECTOR PIPING WITHIN THE PARKING STRUCTURE.
3. CONTRACTOR SHALL FIELD LOCATE EXISTING UTILITIES AT PROPOSED STORM DRAIN CROSSING VIA TEST PITS PRIOR TO CONSTRUCTION AND SHALL COORDINATE ANY REQUIRED RELOCATIONS WITH GOVERNING UTILITY AUTHORITIES.
4. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING FIRE HYDRANT AND INSTALLATION OF NEW HYDRANT WITH UTILITY AUTHORITY AND FIRE MARSHALL.
5. CONTRACTOR SHALL COORDINATE UTILITY POLE RELOCATION WITH UTILITY AUTHORITY.
6. RESETTling OR RELOCATING OF MONITORING WELLS ON SITE SHALL BE AS PER ENVIRONMENTAL PLANS/SPECIFICATIONS BY OTHERS.

SOIL MOVING EARTHWORK ESTIMATE:

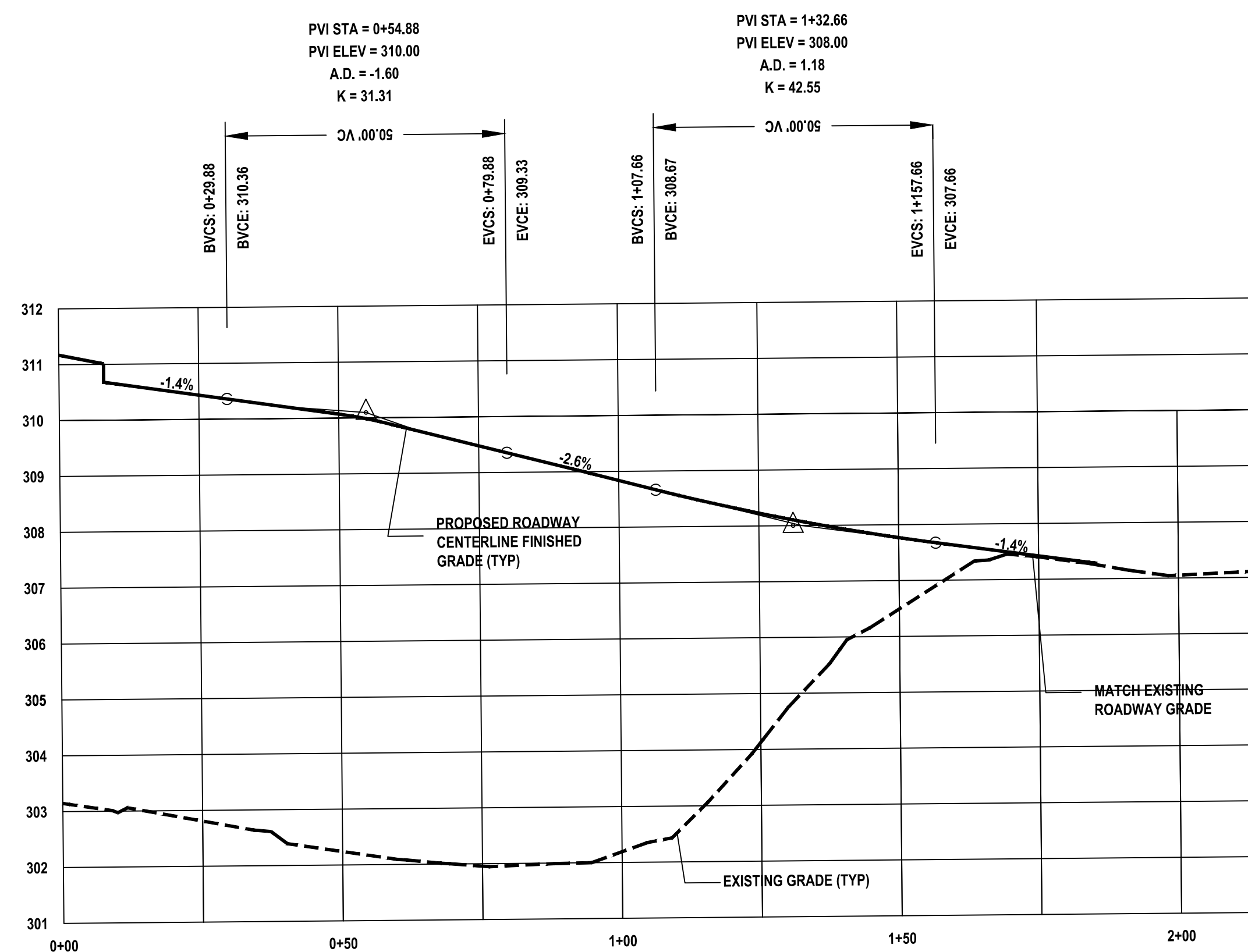
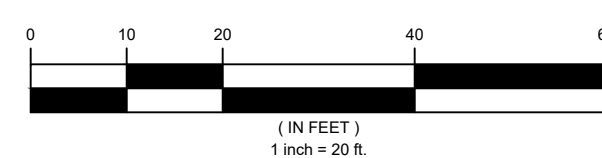
100 CUBIC YARDS CUT
 1300 CUBIC YARDS FILL
 NET: 1400 CUBIC YARDS FILL

NOTE: THE SOIL VOLUME ESTIMATE IS APPROXIMATE AS PER CALCULATIONS PREPARED USING LAND DEVELOPMENT DESKTOP COMPOSITE VOLUME TERRAIN MODELING AS PER A DIGITAL TERRAIN MODEL OF THE EXISTING AND PROPOSED GRADING, UTILIZING AVERAGE END METHOD.

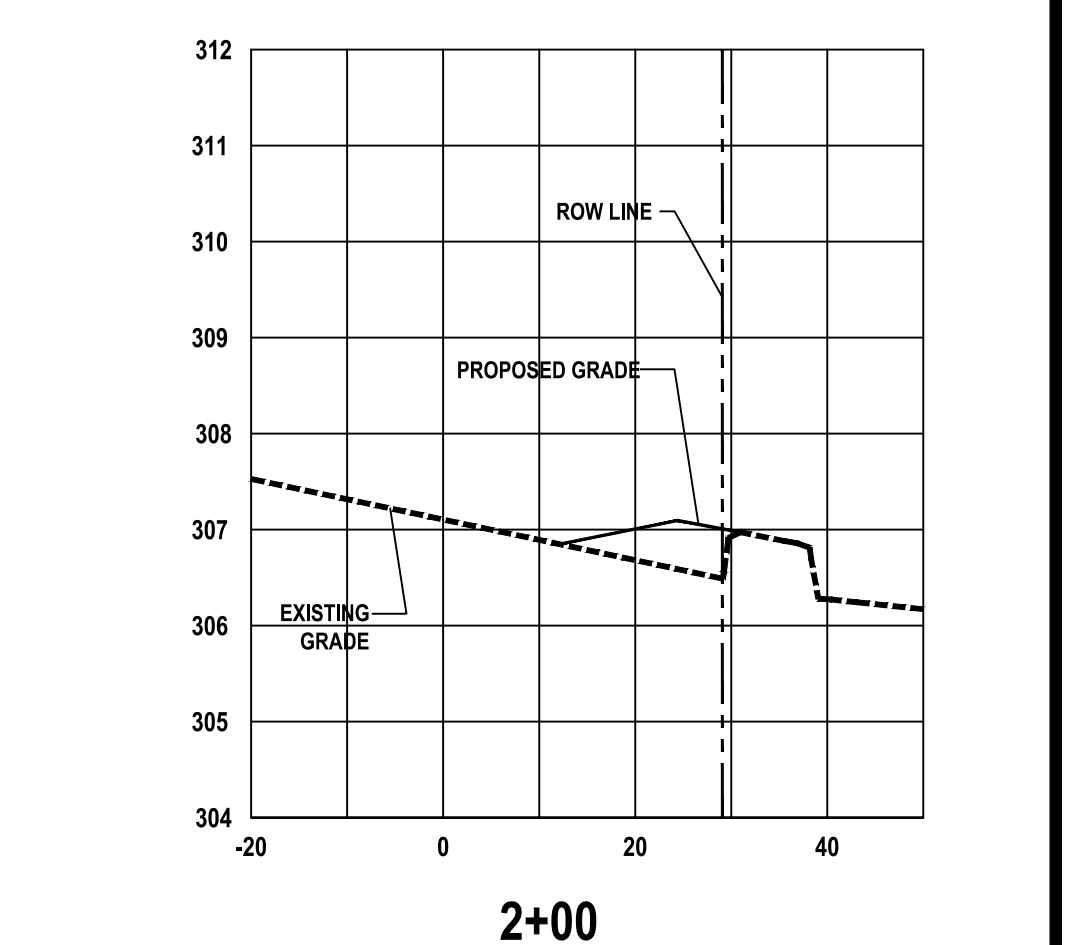
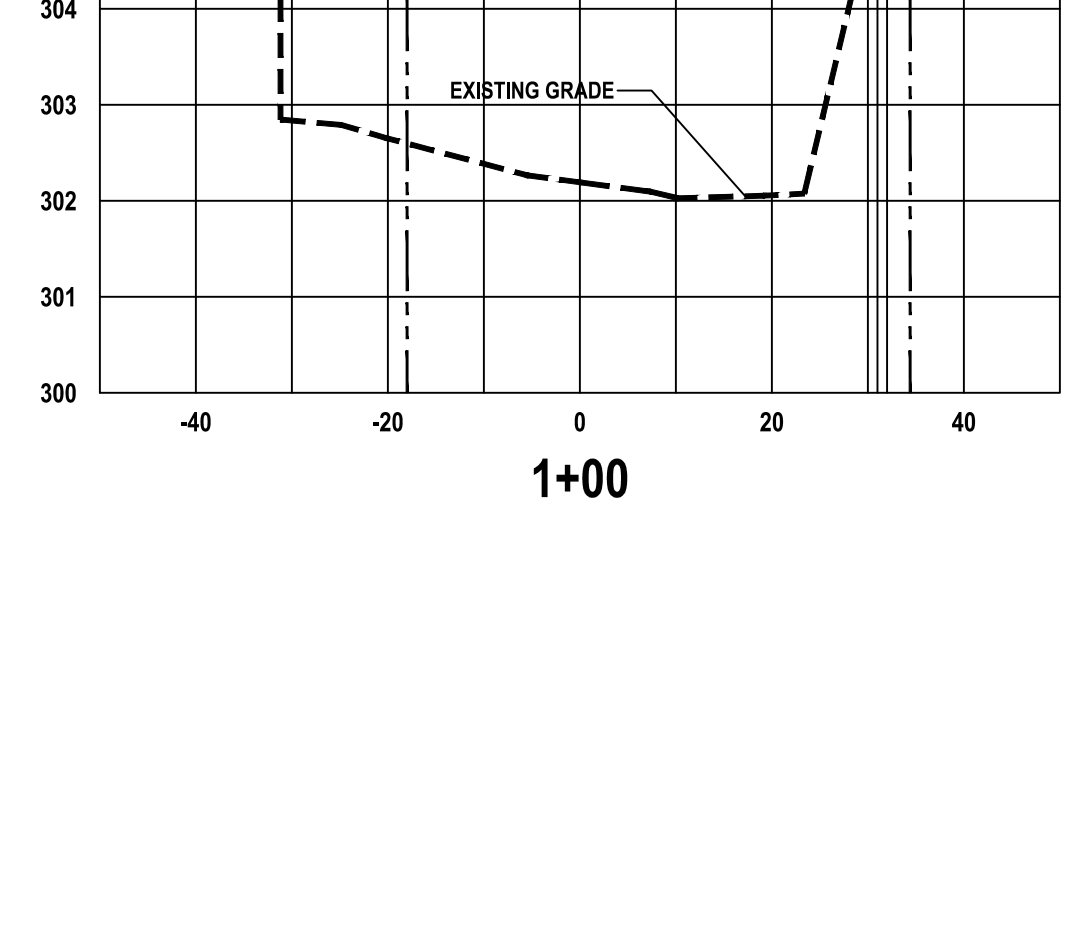
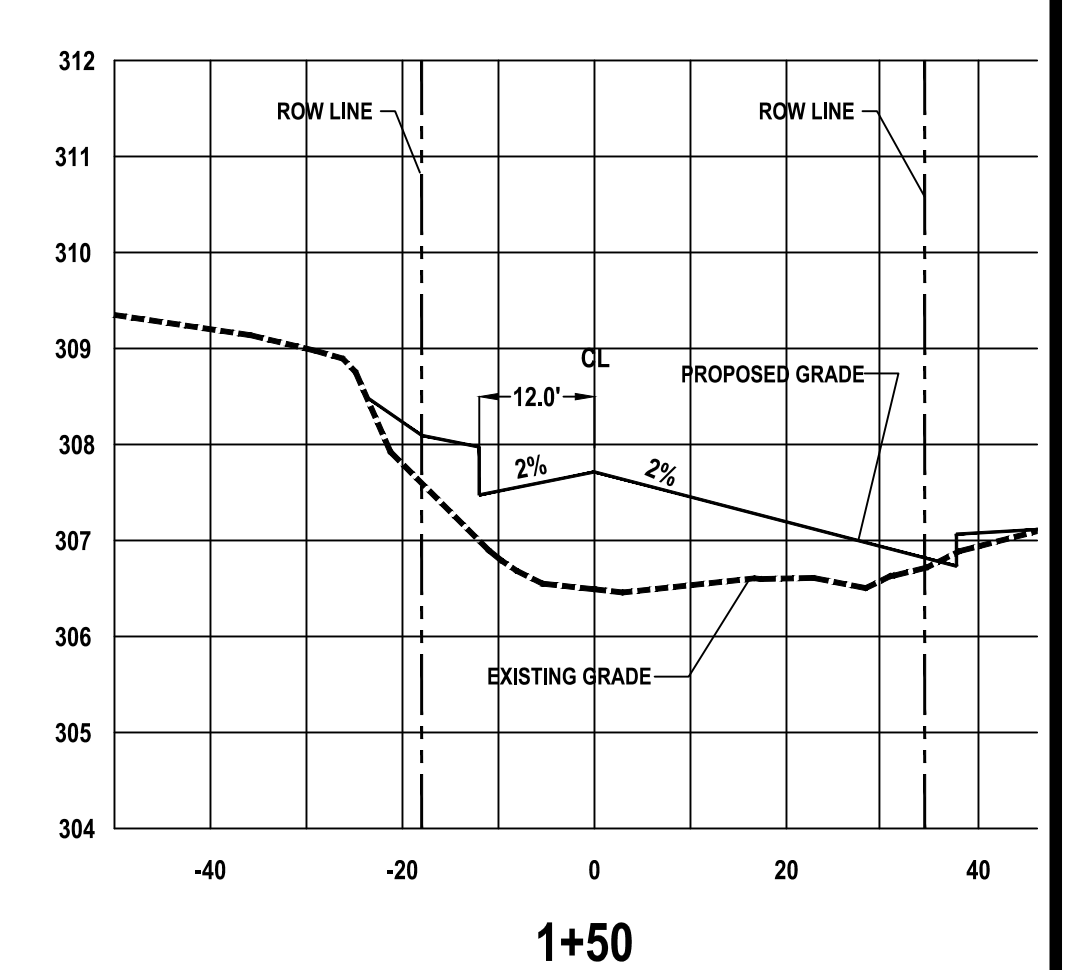
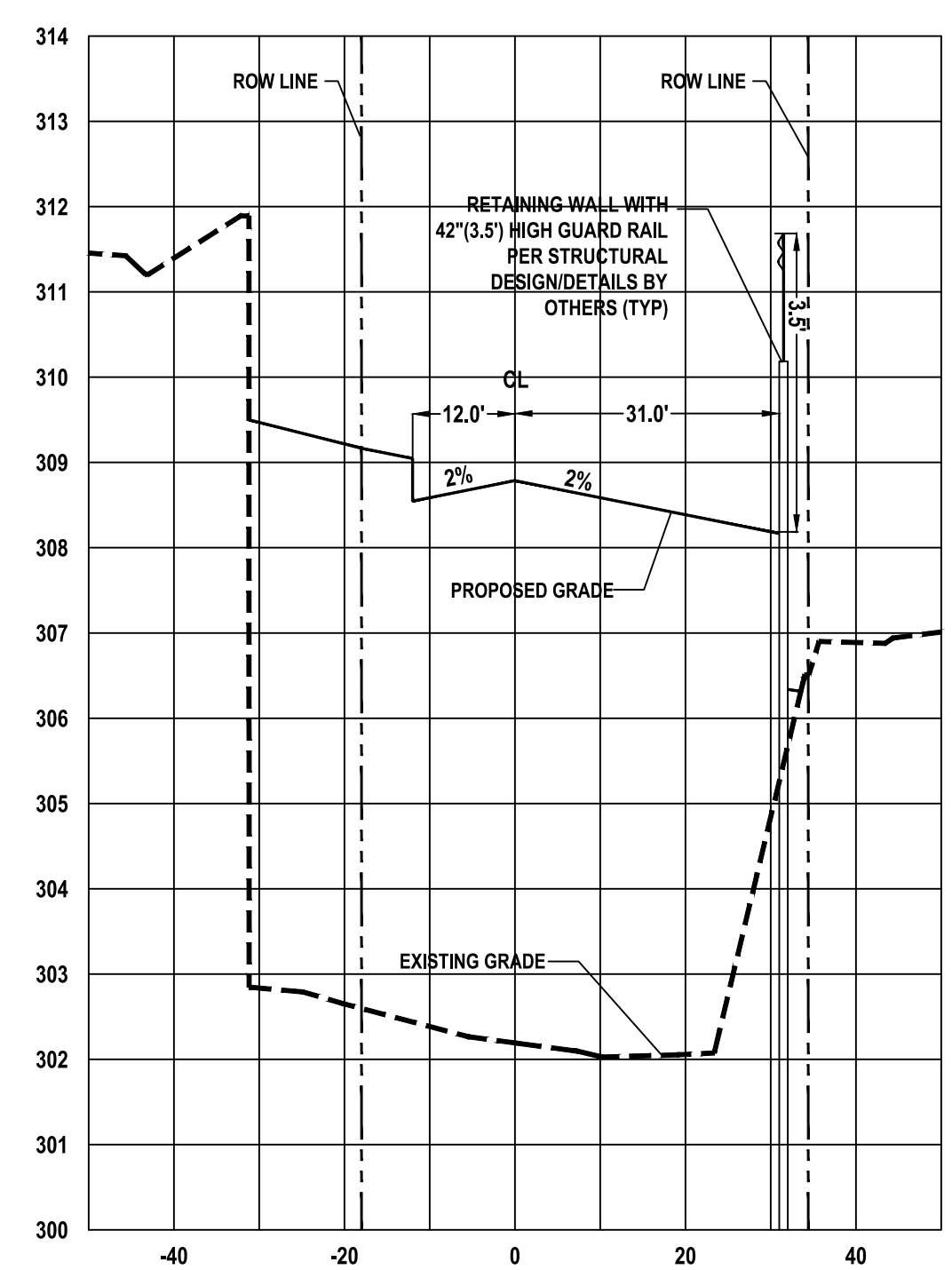
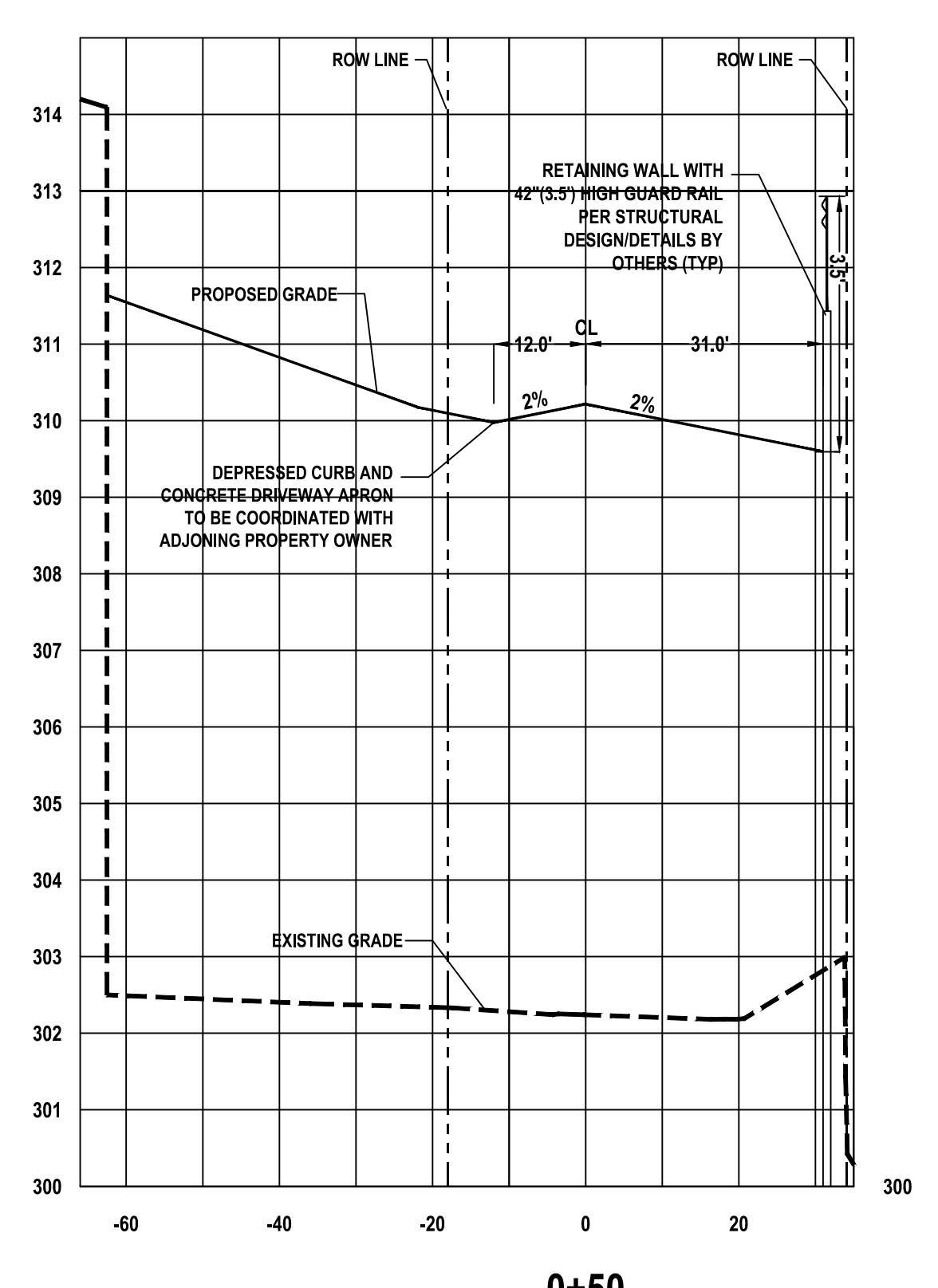
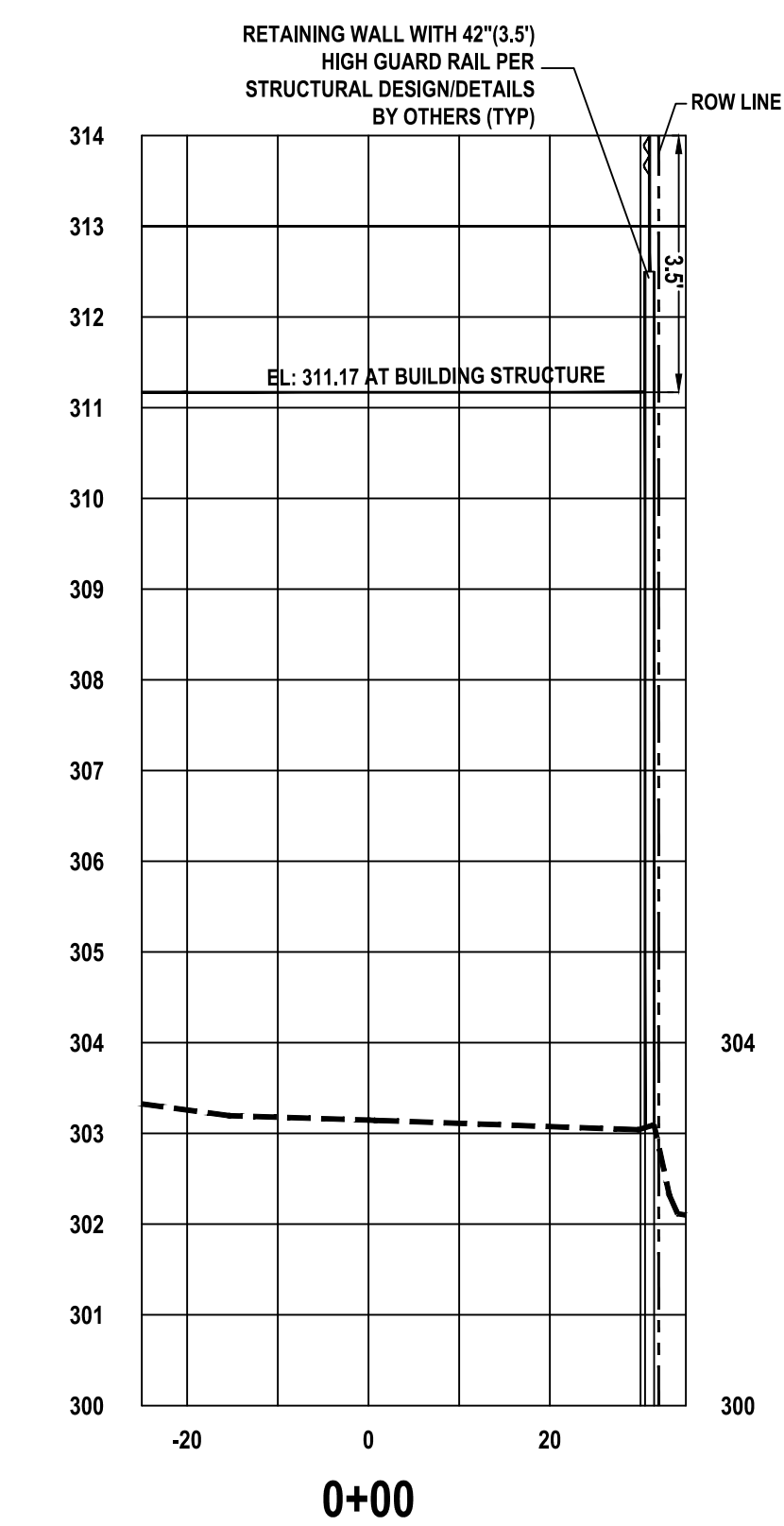
FILL NOTES:

Proposed fill material shall be composed of clean, well drained granular soils in conformance with NJDOT Standard Specifications for backfill. The Contractor shall provide the Engineer with certification attesting that the fill is free of contaminants and suitable for use as structural backfill. Fill material shall be smooth, soft and free of depressions, clods, mounds, stones, ice and snow, roots, sod, rubbish, and other deleterious or organic matter or other debris and shall be approved by the Design Engineer and Borough Engineer prior to construction.

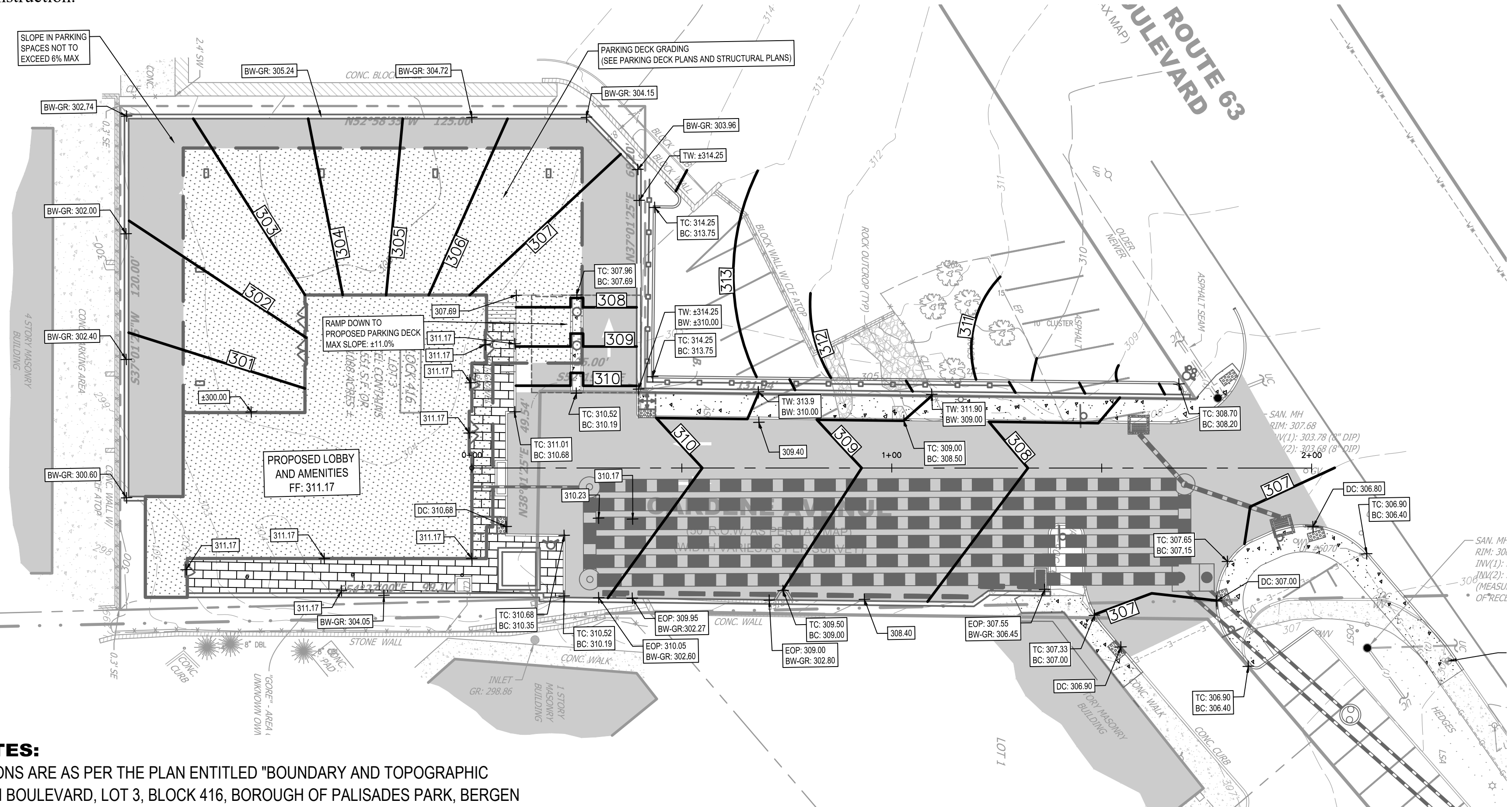
GRAPHIC SCALE



OAKDANE AVENUE PROPOSED CENTERLINE PROFILE
 HORIZONTAL SCALE: 1"= 20'
 VERTICAL SCALE: 1"= 2'



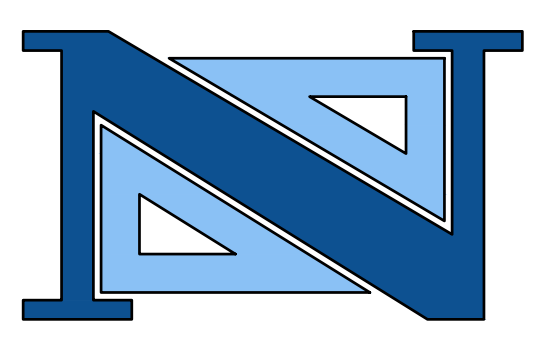
OAKDENE AVENUE PROPOSED CROSS SECTIONS
 HORIZONTAL SCALE: 1"= 20'
 VERTICAL SCALE: 1"= 2'



GENERAL NOTES:

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2. PROPOSED BUILDING CONFIGURATION IS AS PER THE ARCHITECTURAL PLANS PREPARED BY VIROGONA AND VIROGONA ARCHITECTS.

REVISIONS		DRAWN	DESIGNED	CHECKED
NO.	DATE			



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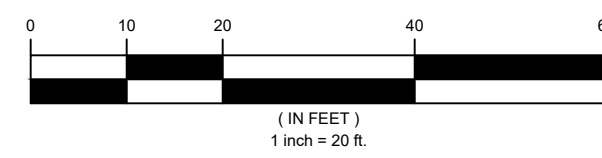
GRADING PLAN
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

DESIGNED BY: M.F.L. CHECKED BY: A.K. PROJECT NO.: PAKPRV20.010 SHEET NO.: 3.00
 SCALE: 1"= 20' DATE: SEPTEMBER 24, 2020
 FIELD BOOK NO.: PAGE:

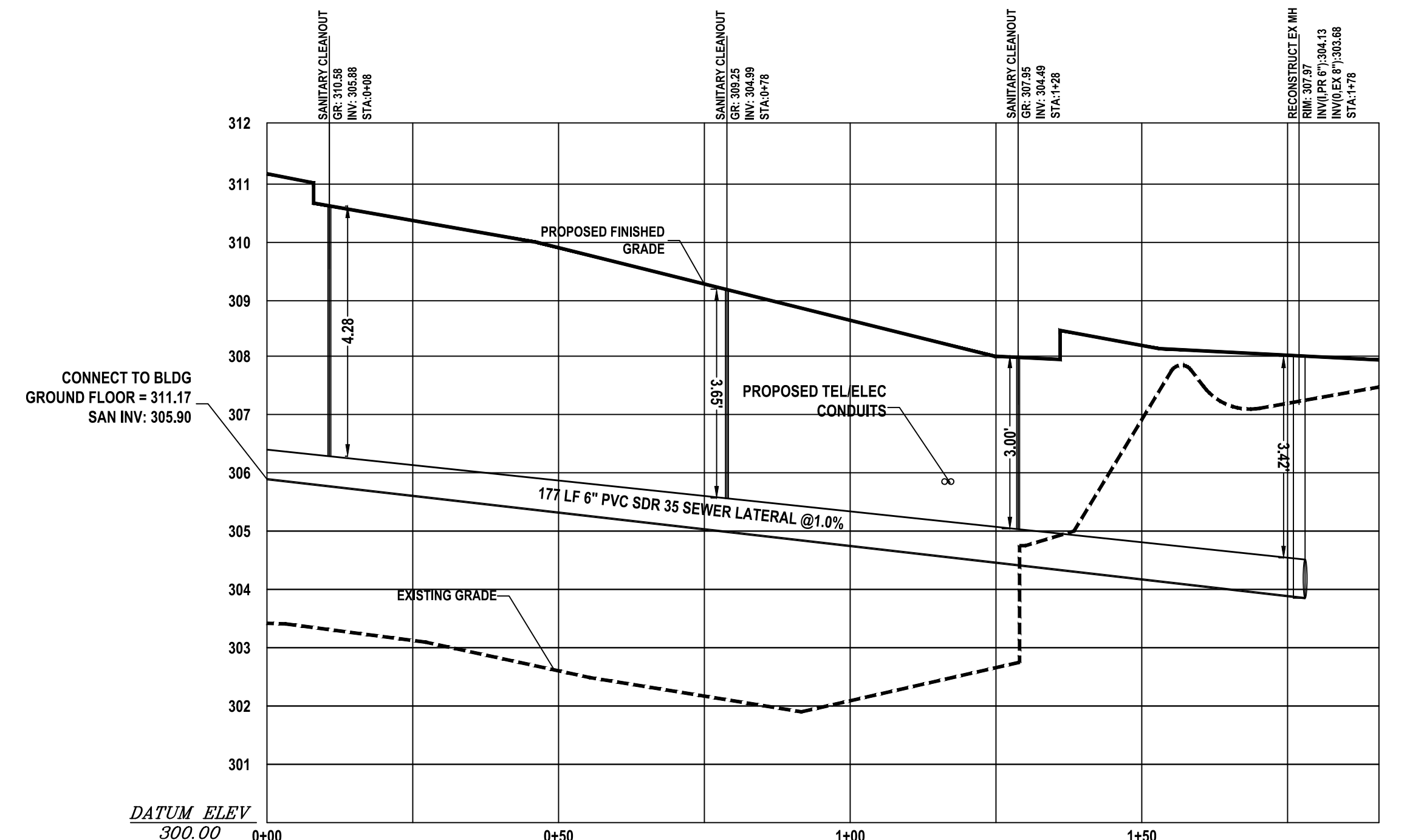
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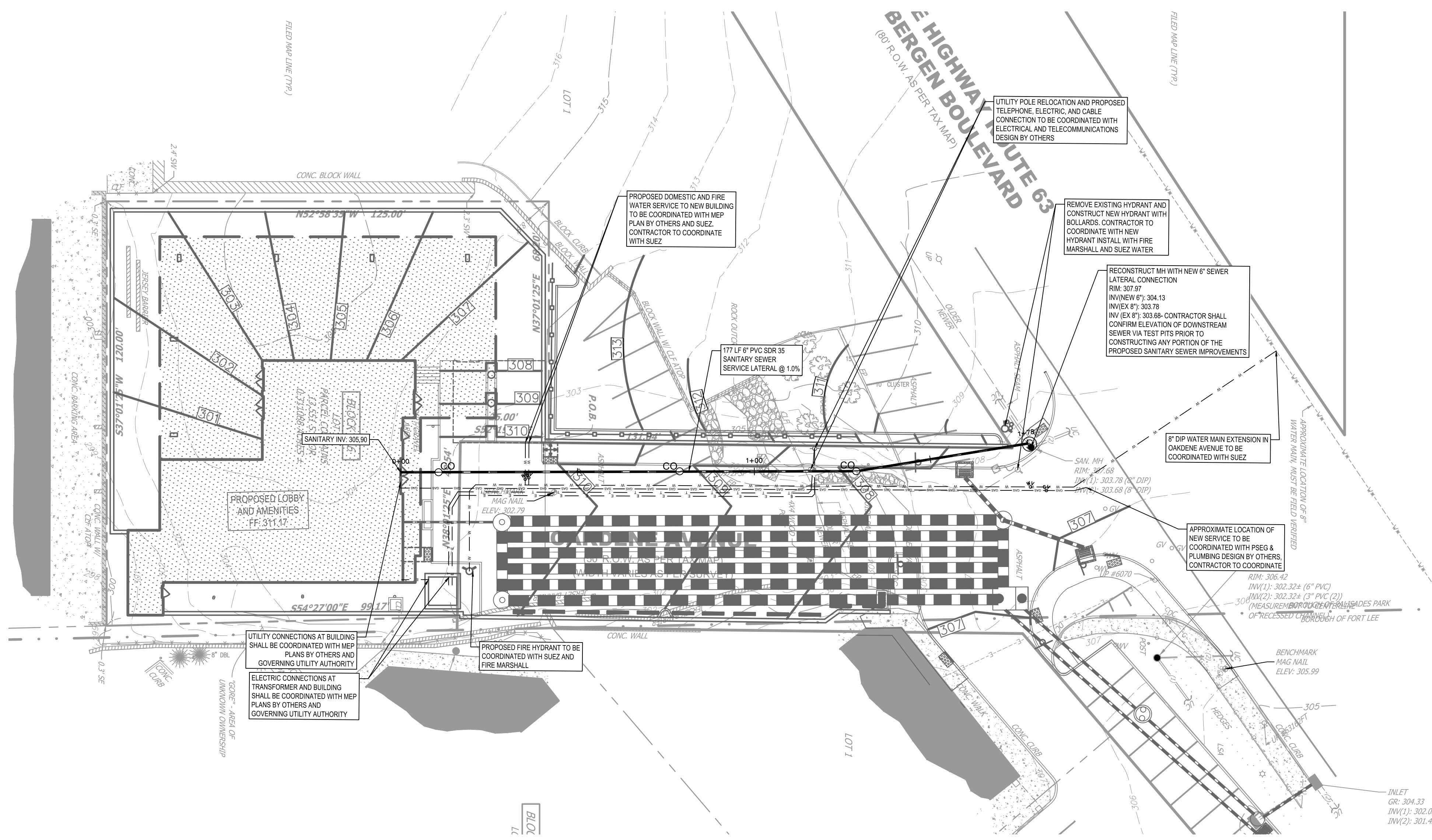
GRAPHIC SCALE



FINAL FOR SEWER DESIGN



SANITARY SEWER LATERAL PROFILE
HORIZONTAL SCALE: 1"= 20'
VERTICAL SCALE: 1"= 2'



UTILITY NOTES:

1. UTILITY CONNECTIONS AT PROPOSED BUILDING TO BE COORDINATED WITH MEP DESIGN BY OTHERS AND GOVERNING UTILITY AUTHORITIES.
2. CONTRACTOR SHALL FIELD LOCATE EXISTING UTILITIES AT ALL UTILITY CROSSINGS VIA TEST PITS PRIOR TO CONSTRUCTION AND SHALL COORDINATE ANY REQUIRED RELOCATIONS WITH GOVERNING UTILITY AUTHORITIES.
3. EXISTING UTILITY LINES ON SITE OR WITHIN OAKDENE AVENUE THAT ARE NO LONGER IN SERVICE SHALL BE PROPERLY REMOVED AND CAPPED PER UTILITY AUTHORITY REQUIREMENTS. CONTRACTOR SHALL COORDINATE RECONSTRUCTION/RELOCATION OF ANY UTILITIES NECESSARY FOR THE CONSTRUCTION OF PROJECT AS SHOWN ON THE SITE PLAN DRAWINGS WITH GOVERNING UTILITY AUTHORITIES
4. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING FIRE HYDRANT AND INSTALLATION OF NEW HYDRANT WITH UTILITY AUTHORITY AND FIRE MARSHALL.
5. CONTRACTOR SHALL COORDINATE UTILITY POLE RELOCATION WITH UTILITY AUTHORITY.
6. CONTRACTOR SHALL TELEWISE EXISTING SANITARY SEWER DOWNSTREAM OF PROPOSED CONNECTION AND PROVIDE COPIES OF THE VIDEO TO THE BOROUGH AND THIS OFFICE PRIOR TO CONNECTION.
7. CONTRACTOR SHALL ENSURE DOWNSTREAM SEWER IS FREE FLOWING PRIOR TO CONSTRUCTING PROPOSED SEWER CONNECTION

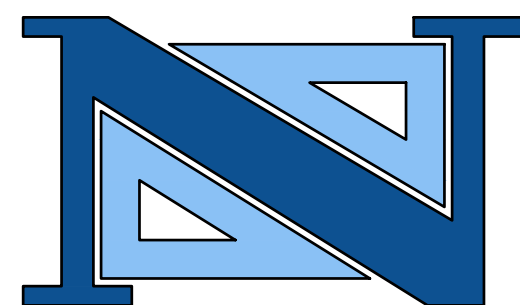
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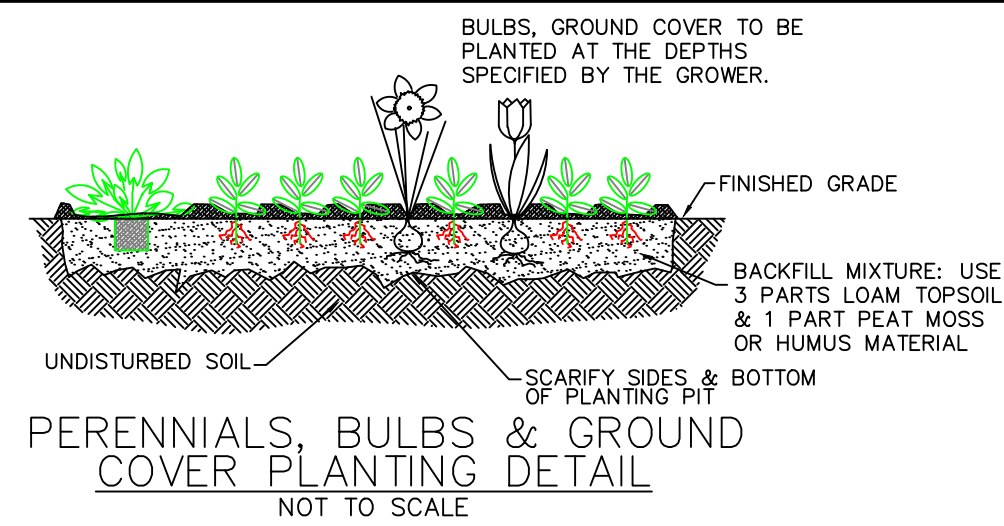
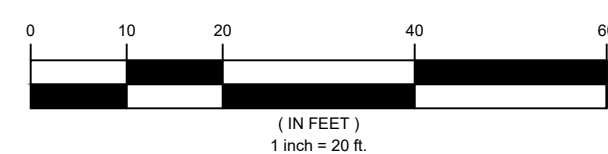
UTILITY PLANS
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

DRAWN BY: M.F.L. CHECKED BY: A.K. PROJECT NO.: SHEET NO.:
DESIGNED BY: M.F.L. SCALE: 1"=20' PAKPRV20.010 4.00
FIELD BOOK NO.: PAGE: DATE: SEPTEMBER 24, 2020

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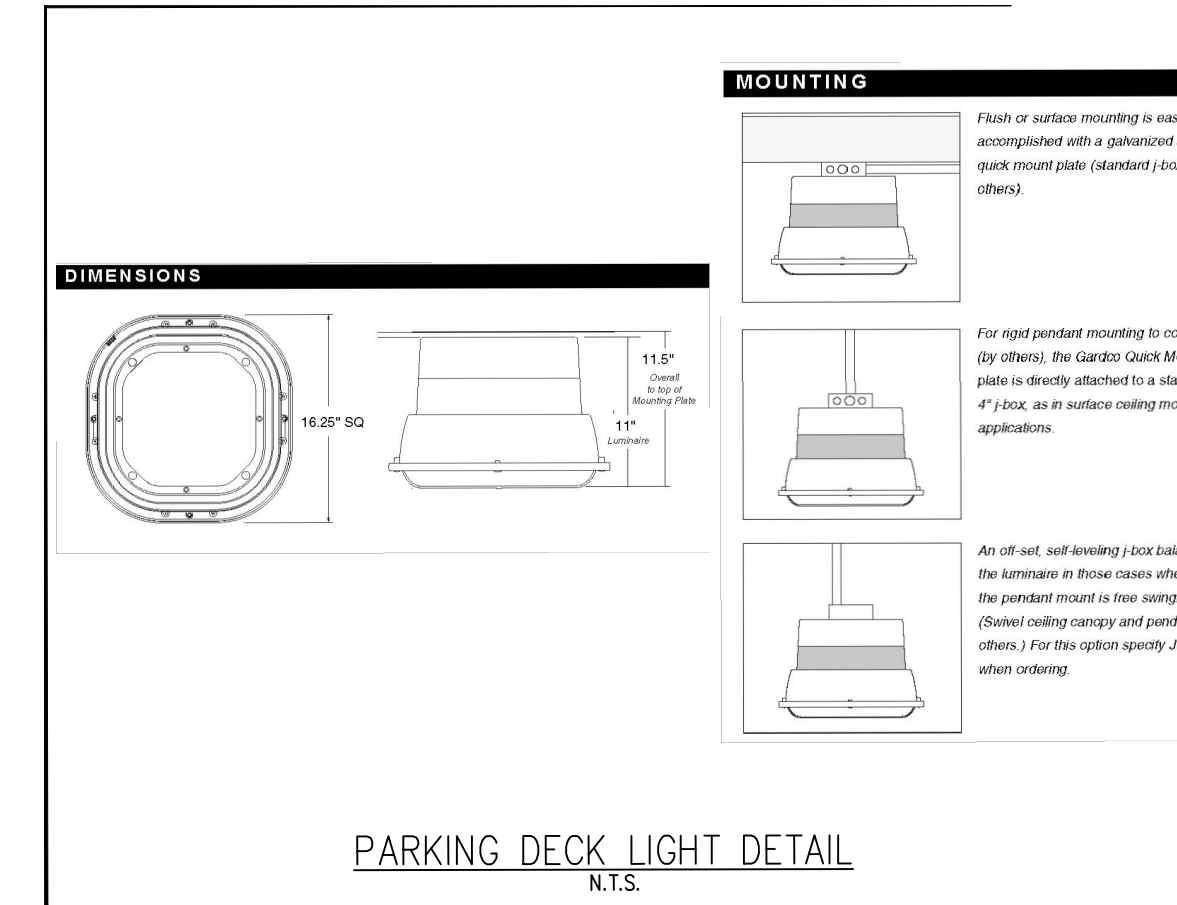
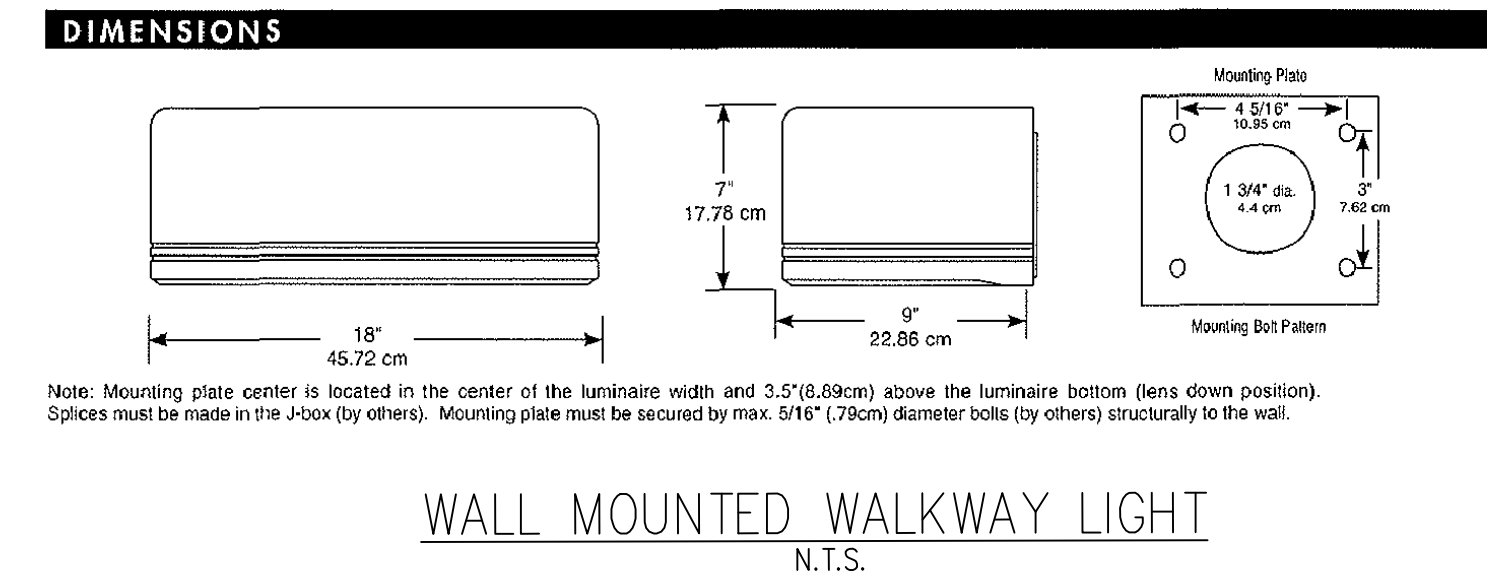
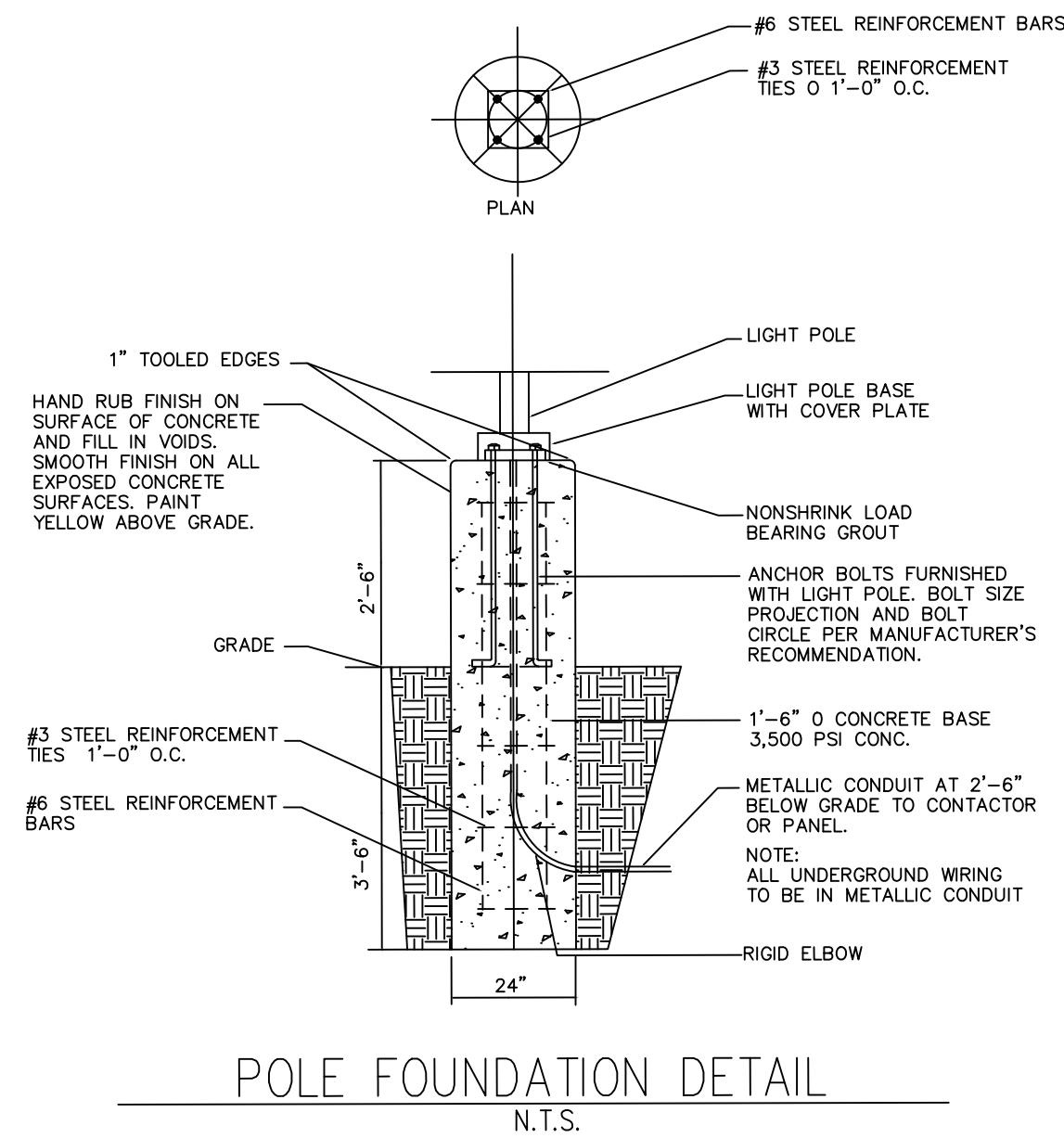


GRAPHIC SCALE



Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
	5	C	SINGLE	3200	0.855	PSC-84-CF-120-AP - PARKING DECK CEILING MOUNTS - GROUND LEVEL
	4	WW	SINGLE	3200	0.855	Gardco wall sconce - 104-MT-100MH FOR WALKWAY LIGHTING
	3	PR	PER PLAN	9996	0.855	LED AREA LIGHT - LSI CROSSOVER - 120-277 VAC - POLE MOUNTED ROADWAY LIGHTING

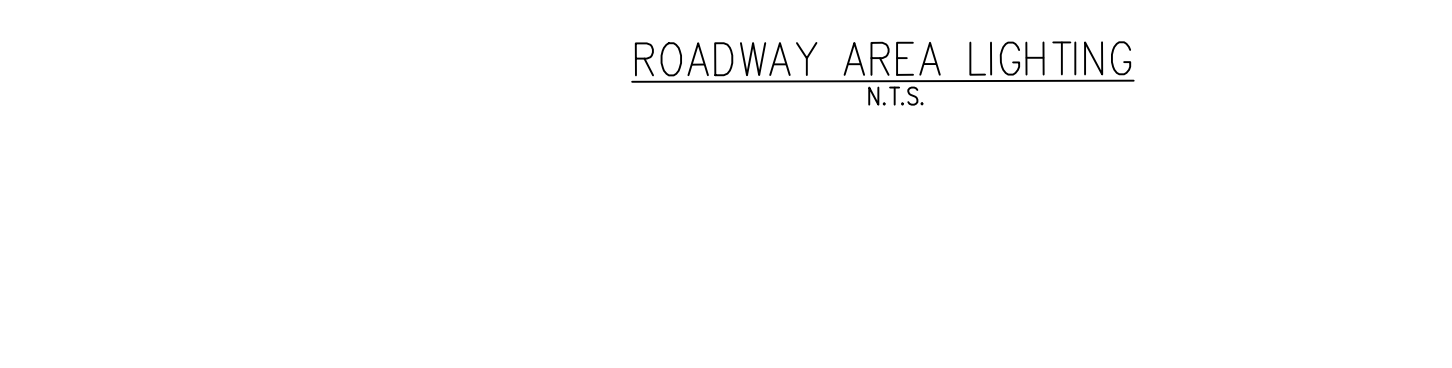
- LIGHTING NOTES:**
- Location of parking area ceiling mounted lights is for informational purposes only and is approximate and shall be coordinated with project architect. Parking deck lighting shall be provided at all levels of parking deck in accordance with Borough of Palisades Park requirements for lighting.
 - All proposed lighting shall be as shown or approved equal in accordance with Borough of Palisades Park requirements for site lighting.
 - All perimeter lighting shall be adequately shielded to prevent spill lighting onto or adjacent properties.
 - All proposed wall mounted lights shall be coordinated with architectural plans.



LED AREA LIGHT - MEDIUM (XAM)

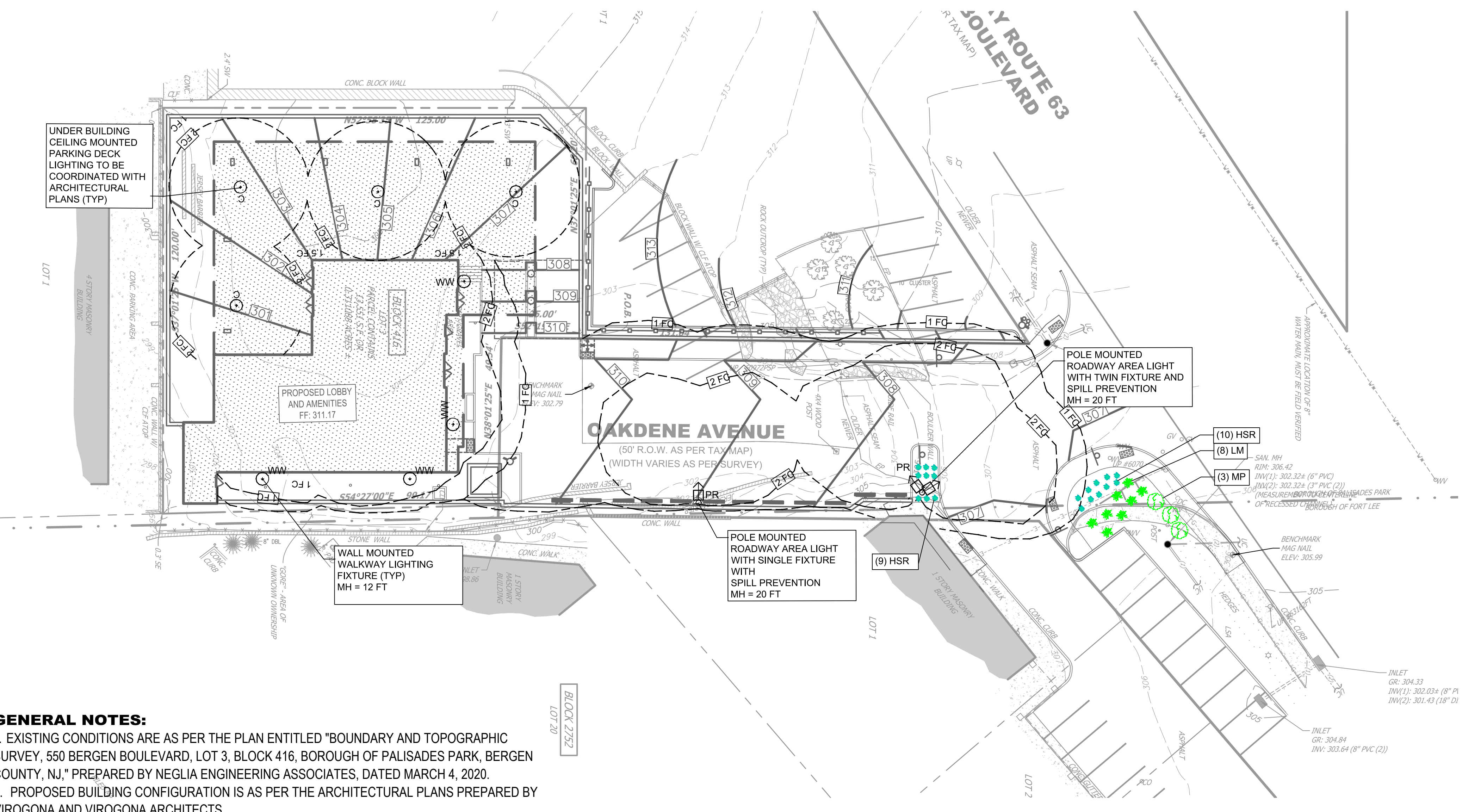
LED AREA LIGHT - MEDIUM (XAM) TECHNICAL SPECIFICATIONS:

- U.S. and International patents pending**
- EXPECTED LIFE:** Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.
- LED:** - Select high-brightness LEDs; 50,000+ color temperature (warm).
- DISTRIBUTION/PERFORMANCE:** - Types 2, 3, and 5. Exceptional uniformity creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.
- HOUSING:** - Housing is die-formed aluminum. Weather-tight housing contains factory pre-wired driver and field connections. Wiring access door is located underneath and allows hot-line thru-roof fastener.
- OPTICAL UNIT:** - Lens is clear, flat tempered glass, sealed to aluminum optics housing to create an IP67 rated, sealed optical unit.
- MOUNTING:** - Recessed rear design allows fixtures to be mounted in a quad pattern without the need for extension arms. Use with Crossover steel round and steel square poles. See separate data sheets.
- ELECTRICAL:** - Universal voltage power supply 120-277 VAC, (50/60 Hz) input. Also available in 347 volt and 480 volt. Supply voltage must be specified for use with optional halogen-type photocells. PFI is available in 120, 208, 240, 277 or 347 volt. Optional two-wire photocell receptacle is also available. Photocell must be ordered separately. See accessories.
- DRIVER:** - State-of-the-art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Components are fully enclosed in potting material for moisture resistance. Driver complies with IEC and FCC standards.
- OPERATING TEMPERATURE:** -40°C to +50°C (-40°F to +122°F)
- FINISH:** - Fixtures are finished with LSI's Duragrip™ polyester powder coat finishing process. The Duragrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, granite, satin white green, metallic silver and white.
- WARRANTY:** - LSI LED fixtures carry a limited 5-year warranty.
- PHOTOMETRICS:** - Application layouts are available upon request. Contact LSI Applications Group at lighting@lsiphotometrics.com
- SHIPPING WEIGHT:** - 27.0 lbs (12.7 kg)
- LISTING:** - ETL listed to U.S. and Canadian safety standards. Suitable for wet locations.



PLANT LIST				
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE
MP	MYRICA PENSYLVANICA	BAYBERRY	8	3 GAL. CONTAINER
LM	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF	8	2 GAL. CONTAINER
HSR	HEMEROCALLIS 'SAMMY RUSSELL'	SAMMY RUSSELL DAYLILY	19	2 GAL. CONTAINER

LANDSCAPE NOTES:
 1. LANDSCAPING SHALL BE AS SHOWN OR APPROVED EQUAL, TO BE SELECTED BY OWNER PRIOR TO CONSTRUCTION AND SHALL BE IN ACCORDANCE WITH ALL BOROUGH OF PALISADES PARK REQUIREMENTS FOR LANDSCAPING.

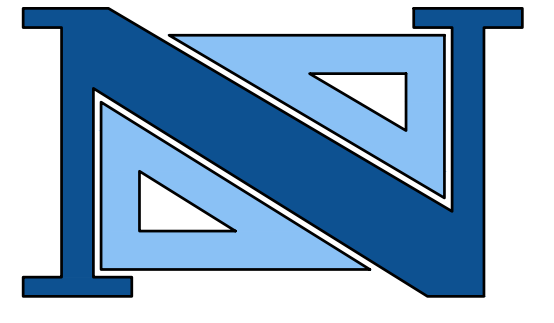


- GENERAL NOTES:**
- EXISTING CONDITIONS ARE AS PER THE PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, 550 BERGEN BOULEVARD, LOT 3, BLOCK 416, BOROUGH OF PALISADES PARK, BERGEN COUNTY, NJ," PREPARED BY NEGLIA ENGINEERING ASSOCIATES, DATED MARCH 4, 2020.
 - PROPOSED BUILDING CONFIGURATION IS AS PER THE ARCHITECTURAL PLANS PREPARED BY VIROGONA AND VIROGONA ARCHITECTS.

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CERTIFICATE OF AUTHORIZATION (N.J.S.A. 45:8-56) 24GA27927000

REVISIONS				NO.	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED



ANTHONY KURUS, P.E., P.P.
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 N.J. LICENSE NO. 46445

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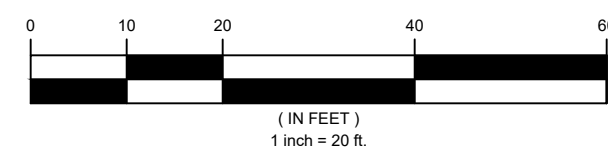
PROFESSIONAL PLANNER
 N.J. LICENSE NO. 33LI00569800

LIGHTING AND PLANING PLAN
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

DRAWN BY: M.F.L. CHECKED BY: A.K. PROJECT NO.: SHEET NO.:
 DESIGNED BY: M.F.L. SCALE: 1" = 20' PAKPRV20.010 5.00
 FIELD BOOK NO.: PAGE: DATE: SEPTEMBER 24, 2020



GRAPHIC SCALE

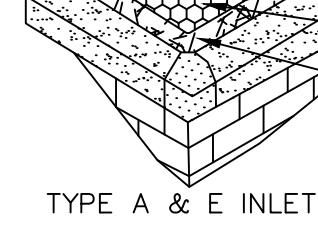


SEQUENCE OF CONSTRUCTION

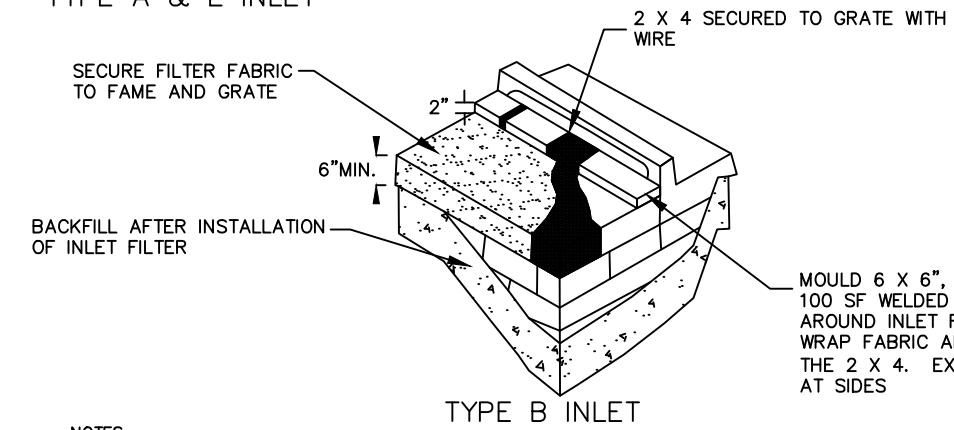
- 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, AND INLET FILTERS AT EXISTING INLETS 1 DAY
2. REMOVE & STOCKPILE TOPSOIL, SITE CLEARING 3 DAYS
3. ROUGH GRADE SITE 2 WEEKS
4. CONSTRUCT ON-SITE DRAINAGE SYSTEM 3 WEEKS
5. INSTALL INLET FILTERS AT NEW INLETS AND AREA DRAINS 1 DAY
6. CONSTRUCT PROPOSED BUILDING 4 MONTHS
7. CONSTRUCT UTILITY CONNECTIONS 1 MONTH
8. CONSTRUCT SIDEWALKS, CURBS, PAVEMENT 2 WEEKS
9. CONSTRUCT LANDSCAPING AND LIGHTING 2 WEEK
10. FINAL SITE GRADING, TOPSOILING AND SOODING 1 WEEK
11. REMOVE SOIL EROSION & SEDIMENT CONTROL DEVICES AND FINAL SITE CLEANUP 1 WEEK

LIMIT OF DISTURBANCE = 24,244 SF (0.56 AC)

WIRE MESH WITH 1/2" OPENINGS SHALL BE PLACED OVER FRAME & GRATE AND EXTEND 6" MIN. & SIDES.



TYPE A & E INLET

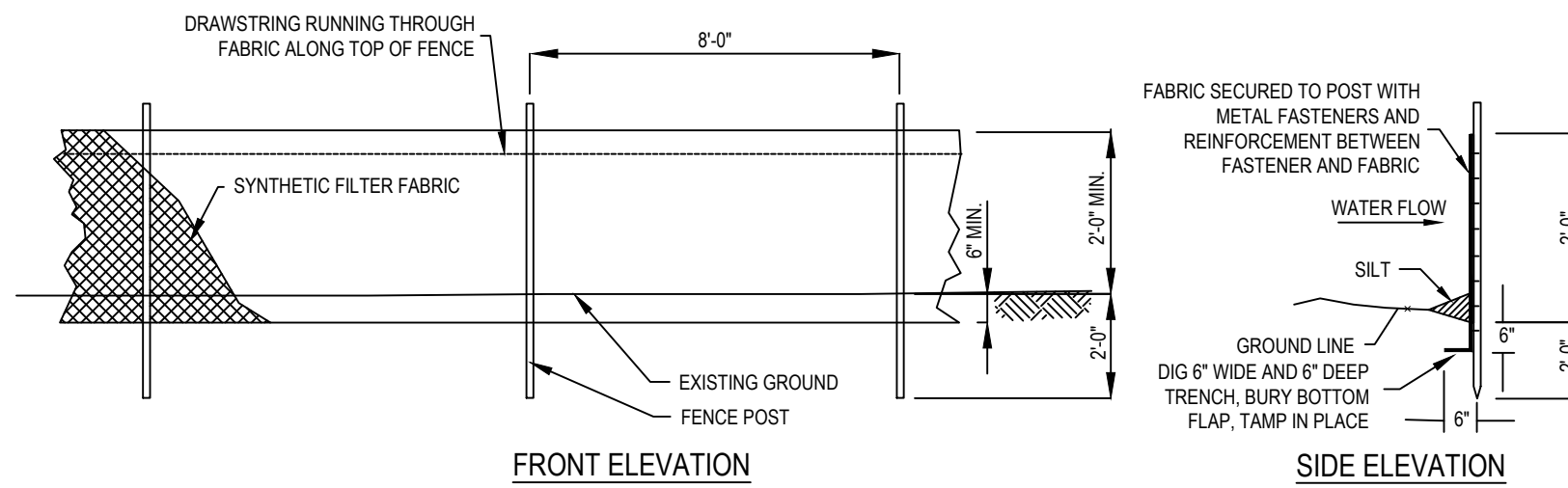


TYPE B INLET

- NOTES:
1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM
2. CONTRACTOR TO REMOVE FABRIC AND MESH JUST PRIOR TO PAVING.
3. THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1 YEAR, 24 HOUR STORM EVENT AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTLY INTO THE STORM SEWER.

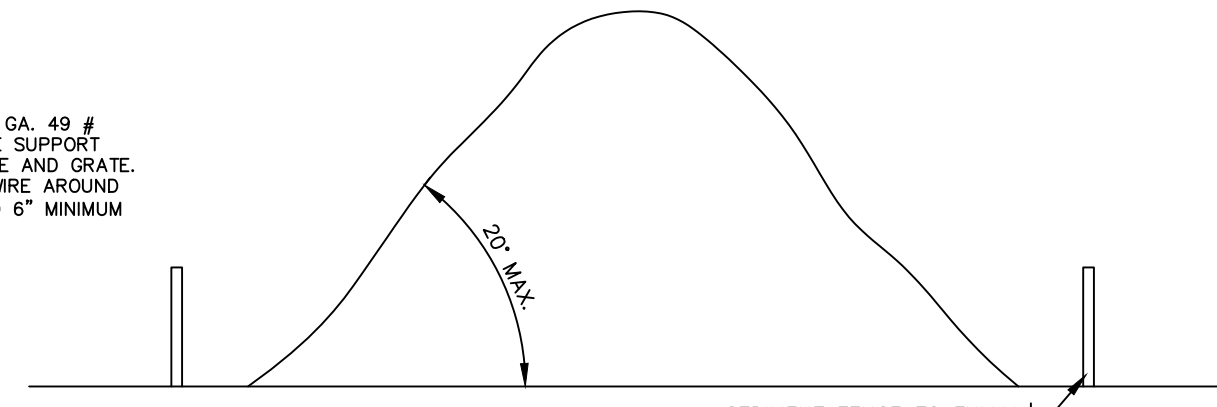
INLET FILTER & PROTECTION

NOT TO SCALE



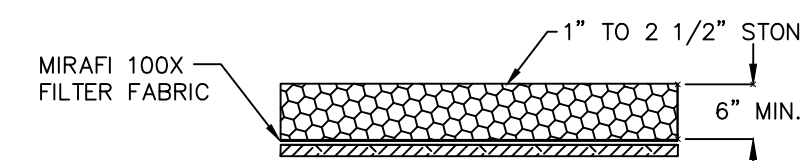
SEDIMENT FILTER FENCE DETAIL

NOT TO SCALE



SOIL STOCKPILE DETAIL

NOT TO SCALE



STABILIZED CONSTRUCTION ACCESS

NOT TO SCALE

INLET PROTECTION STANDARDS

DEFINITION

A TEMPORARY BARRIER AND SETTLING FACILITY INSTALLED AT A STORM SEWER INLET.

PURPOSE

THE PURPOSE OF STORM SEWER INLET PROTECTION IS TO INTERCEPT AND RETAIN SEDIMENT, THUS PREVENTING THE ENTRANCE OF SEDIMENT INTO THE STORM SEWER SYSTEM.

CONDITIONS WHERE PRACTICE APPLIES

- 1. CONTRIBUTING DRAINAGE AREA IS 3 ACRES OR LESS.
2. A STORM SEWER OR THE OUTLET CHANNEL OF A STORM SEWER NEEDS PROTECTION FROM SEDIMENT.
3. TRAFFIC WILL NOT DESTROY OR CAUSE CONSTANT MAINTENANCE OF THE STORM SEWER INLET PROTECTION.
4. A TRAFFIC HAZARD WILL NOT BE CREATED.
5. A FLOODING PROBLEM WILL NOT BE CREATED.

WATER QUALITY ENHANCEMENT

THE PRIMARY BENEFIT TO WATER QUALITY IS REMOVAL OF SEDIMENT FROM STORMWATER RUNOFF PRIOR TO ENTERING THE STORM SEWER SYSTEM. AS AN ADDED BENEFIT, OTHER FLOATABLE DEBRIS, SUCH AS VEGETATIVE MATTER AND LITTER MAY ALSO BE FILTERED OUT OF THE RUNOFF.

DESIGN CRITERIA

THE FOLLOWING APPLIES TO ALL METHODS OF STORM SEWER INLET PROTECTION:

- 1. MUST SLOW THE STORM WATER, PROVIDE THE COARSE SEDIMENT PARTICLES A CHANCE TO SETTLE, AND PROVIDE AN AREA TO RETAIN THE PARTICLES THAT HAVE SETTLED.
2. IN ALL CASES, THE INLET PROTECTION SHOULD NOT COMPLETELY CLOSE OFF THE INLET.
3. THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1 YEAR, 24 HOUR STORM EVENT AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTLY INTO THE STORM SEWER SYSTEM.

OTHER METHODS THAT ACCOMPLISH THE PURPOSE OF STORM SEWER INLET PROTECTION MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.

INSPECTIONS SHALL BE FREQUENT. MAINTENANCE, REPAIR, AND REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED. THE BARRIER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARD THE INLET HAS BEEN STABILIZED.

BERGEN COUNTY SOIL CONSERVATION DISTRICT SOIL EROSION & SEDIMENT CONTROL NOTES

- 1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (NJ STANDARDS), AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND MULCHING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH UNROTTED STRAW AT A RATE OF 2 TONS PER ACRE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
3. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF 2 TONS PER ACRE, ACCORDING TO THE NJ STANDARDS.
4. STABILIZATION SPECIFICATIONS:
A. TEMPORARY SEEDING AND MULCHING:
- GROUND LIME STONE - APPLIED UNIFORMLY ACCORDING TO SOIL TEST RECOMMENDATIONS.
- FERTILIZER - APPLY 11 lbs./1,000 SF OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN (UNLESS A SOIL TEST INDICATES OTHERWISE) WORKED INTO THE SOIL A MINIMUM OF 4".
- SEED - PERENNIAL RYEGRASS 100 lbs./ACRE (2.3 lbs./1,000 SF) OR OTHER APPROVED SEEDS; PLANT BETWEEN MARCH 1 AND MAY 15, OR BETWEEN AUGUST 15 AND OCTOBER 1.
- MULCH - UNROTTED STRAW OR HAY AT A RATE OF 70 TO 90 lbs./1,000 SF TO BE APPLIED TO ACHIEVE 95% SOIL SURFACE COVERAGE. MULCH SHALL BE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
B. PERMANENT SEEDING AND MULCHING:
- TOPSOIL - A UNIFORM APPLICATION TO AN AVERAGE DEPTH OF 5", MINIMUM OF 4" FIRMED IN PLACE IS REQUIRED.
- GROUND LIMESTONE - APPLIED UNIFORMLY ACCORDING TO TEST RECOMMENDATIONS
- FERTILIZER - APPLY 11 lbs./1,000 SF OF 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN (UNLESS A SOIL TEST INDICATES OTHERWISE) WORKED INTO THE SOIL A MINIMUM OF 4".
- SEED - TURF TYPE TALL FESCUE (BLEND OF 3 CULTIVARS) 350 lbs./ACRE (8 lbs./1,000 SF) OR OTHER APPROVED SEEDS; PLANT BETWEEN MARCH 1 AND OCTOBER 1 (SUMMER SEEDINGS REQUIRE IRRIGATION).
- MULCH - UNROTTED STRAW OR HAY AT A RATE OF 70 TO 90 lbs./1,000 SF TO BE APPLIED TO ACHIEVE 95% SOIL SURFACE COVERAGE. MULCH SHALL BE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
5. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
6. SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT.
7. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HAYBALE SEDIMENT BARRIER OR SILT FENCE.
8. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 1" - 2 1/2" CRUSHED STONE, 6" THICK, WILL BE AT LEAST 30' x 100' AND SHOULD BE UNDERLAIN WITH A SUITABLE SYNTHETIC SEDIMENT FILTER FABRIC AND MAINTAINED.
9. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
10. DRIVEWAYS MUST BE STABILIZED WITH 1" - 2 1/2" CRUSHED STONE OR SUBBASE PRIOR TO INDIVIDUAL LOT CONSTRUCTION.
11. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS, WILL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
12. CATCH BASIN INLETS WILL BE PROTECTED WITH AN INLET FILTER DESIGNED IN ACCORDANCE WITH SECTION 28-1 OF THE NJ STANDARDS.
13. STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
14. DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT CONTROL BAG OR OTHER APPROVED FILTER IN ACCORDANCE WITH SECTION 14-1 OF THE NJ STANDARDS.
15. DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER, CALCIUM CHLORIDE OR OTHER APPROVED METHOD IN ACCORDANCE WITH SECTION 16-1 OF THE NJ STANDARDS.
16. TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND IN ACCORDANCE WITH SECTION 9-1 OF THE NJ STANDARDS.
17. THE PROJECT OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
18. ANY REVISION TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION IN THE FIELD.
19. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION.
20. THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MUST BE NOTIFIED, IN WRITING, AT LEAST 48 HOURS PRIOR TO ANY LAND DISTURBANCE. BERGEN COUNTY SCD, 700 KINDERKAMACK ROAD, SUITE 106, ORADELL, NJ 07649. TEL: 201-261-4407, FAX 201-261-7573.
21. THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF-SITE EROSION PROBLEMS DURING CONSTRUCTION.
22. THE OWNER MUST OBTAIN A DISTRICT ISSUED REPORT OF COMPLIANCE PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY. THE DISTRICT REQUIRES AT LEAST ONE WEEK'S NOTICE TO FACILITATE THE SCHEDULING OF ALL REPORT OF COMPLIANCE INSPECTIONS. ALL SITE WORK MUST BE COMPLETED, INCLUDING TEMPORARY/PERMANENT STABILIZATION OF ALL EXPOSED AREAS, PRIOR TO THE ISSUANCE OF A REPORT OF COMPLIANCE BY THE DISTRICT.

SOIL DECOMPACTION NOTES

AS DETERMINED BY THE STATE POLICY MAP, THE PROJECT AREA FALLS WITHIN THE METROPOLITAN PLANNING AREA (PA1). UNDER EXISTING CONDITIONS, THE SITE IS NOT COVERED IN WOODY VEGETATION NOR REGROWTH. IN ACCORDANCE WITH NEW JERSEY STANDARD FOR LAND GRADING (REVISED 2017), NON-WOODY VEGETATED PA1 AREAS FALL UNDER THE SOIL COMPACTION EXEMPTION LIST AS AN "URBAN DEVELOPMENT" AND IS DEFINED BY NJDEP AS "PREVIOUSLY DEVELOPED".

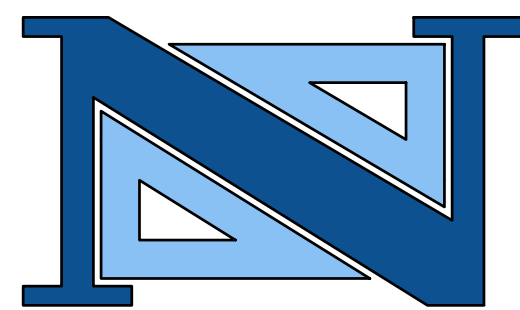
GENERAL NOTES:

- 1. EXISTING CONDITIONS ARE AS PER THE PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, 550 BERGEN BOULEVARD, LOT 3, BLOCK 416, BOROUGH OF PALISADES PARK, BERGEN COUNTY, NJ," PREPARED BY NEGLIA ENGINEERING ASSOCIATES, DATED MARCH 4, 2020.
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CERTIFICATE OF AUTHORIZATION (N.J.S.A. 45:8-56) 24GA27927000

Table with 4 columns: NO., DATE, REVISIONS, CHECKED. Contains revision history.

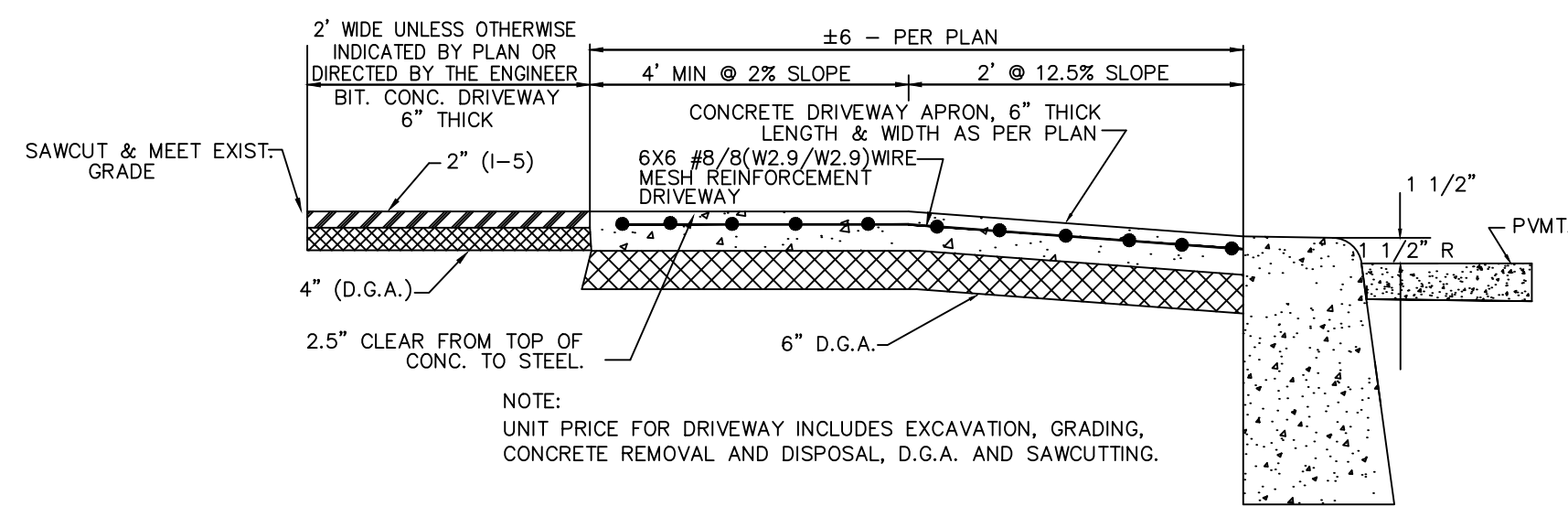


ANTHONY KURUS, P.E., P.P. PROFESSIONAL ENGINEER N.J. LICENSE NO. 46445

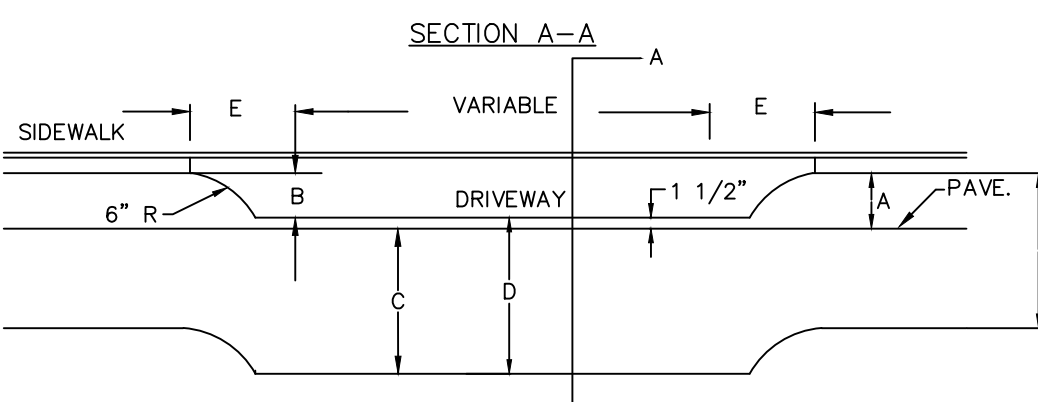
NEGLIA ENGINEERING ASSOCIATES 34 PARK AVENUE TEL: 201-939-8805
MICHAEL J. NEGLIA, P.E., P.L.S., P.P. PROFESSIONAL ENGINEER N.J. LICENSE NO. 38604

SOIL EROSION AND SEDIMENT CONTROL PLAN 550 BERGEN BOULEVARD BLOCK 416 - LOT 3 BOROUGH OF PALISADES PARK BERGEN COUNTY NEW JERSEY

PROJECT NO. PAPKPRV20.010 SHEET NO. 6.00 DATE: SEPTEMBER 24, 2020



SIDEWALK AT DRIVEWAY APRON GRADING NOTE:
1. SIDEWALK MUST BE A NO LESS THAN 4' WIDE AT A 2% MAXIMUM CROSS SLOPE THRU THE PROPOSED DRIVEWAY.

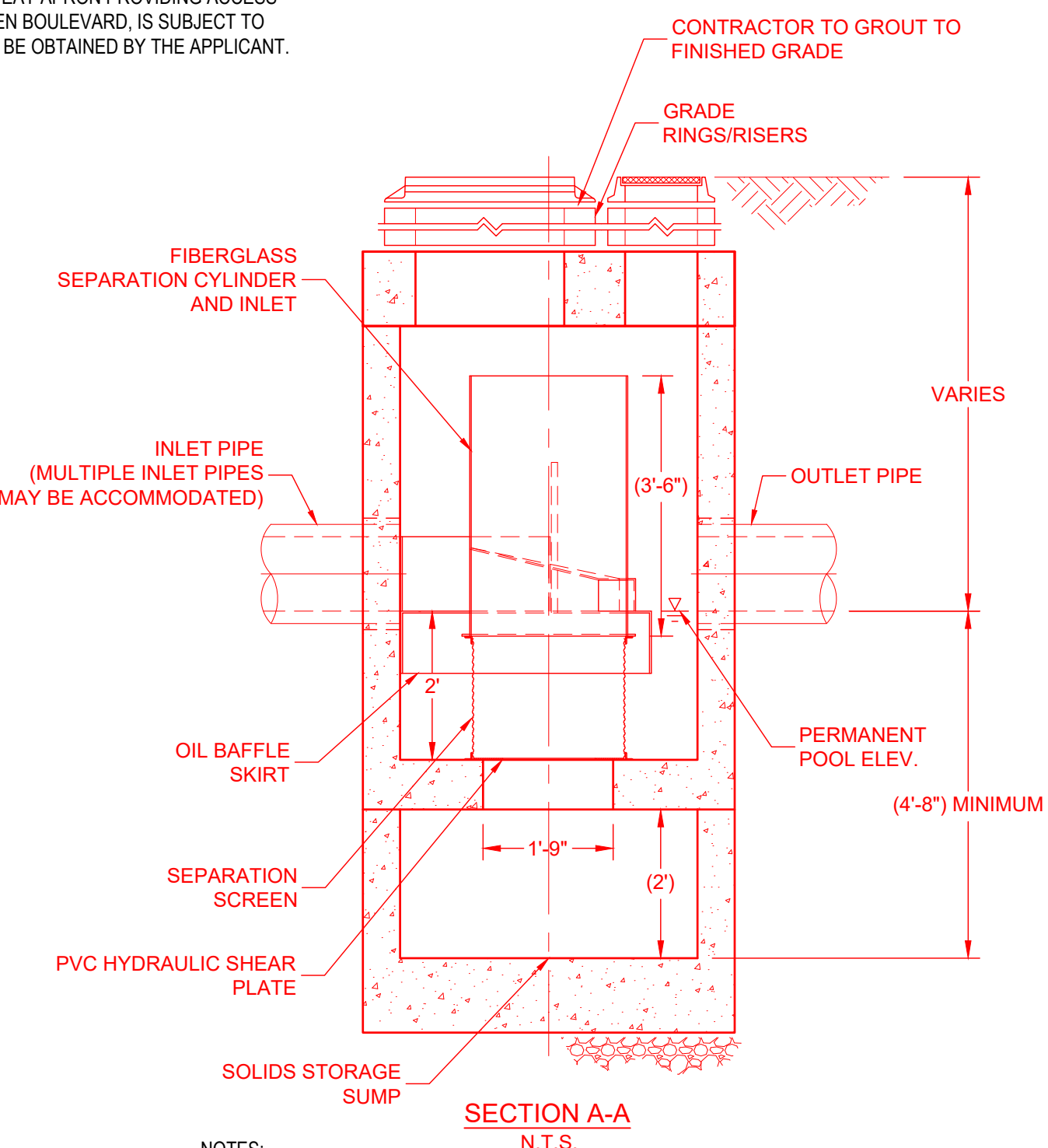
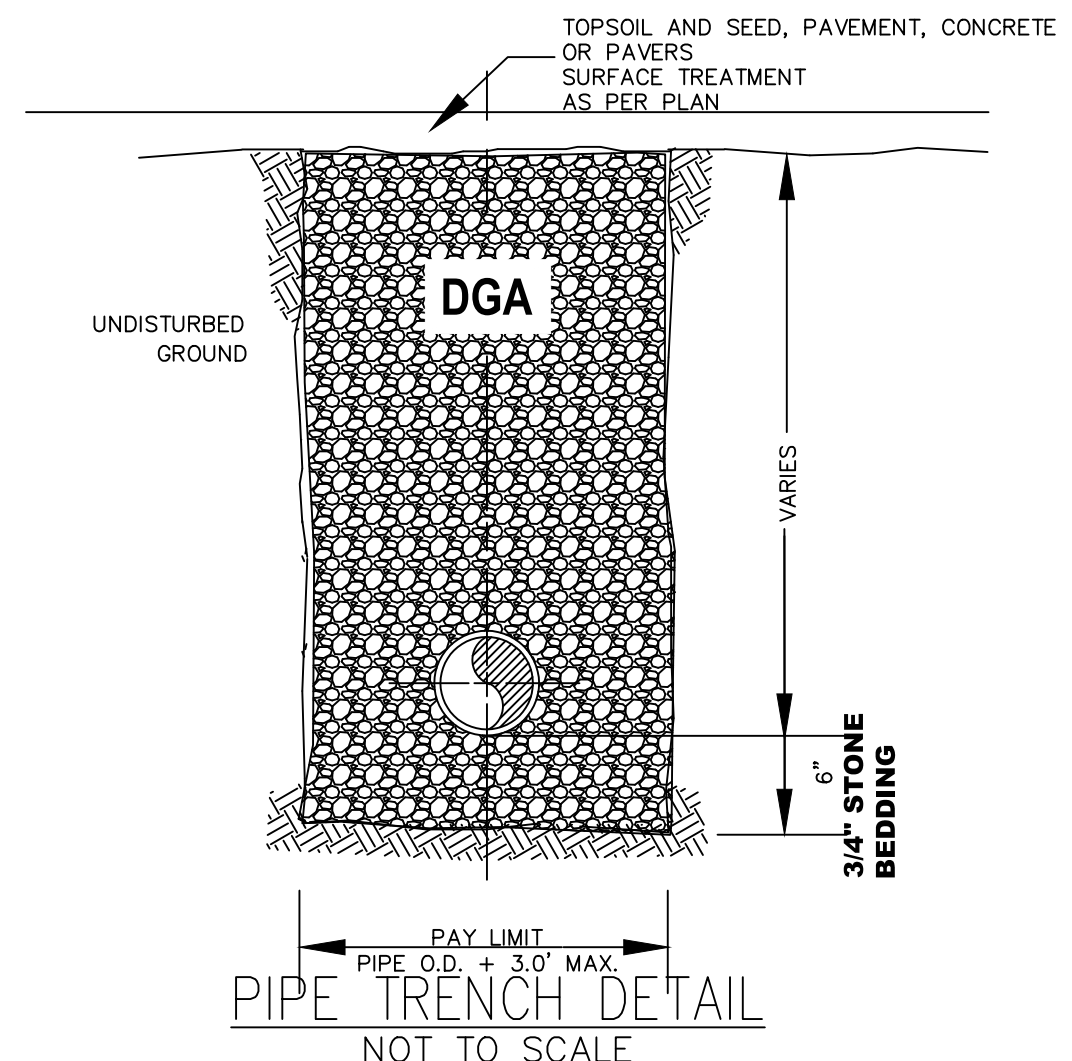


DEPRESSED CURB @ DRIVEWAY (TABLE)					
DESCRIPTION	A	B	C	D	E
* 9" x 18" CONCRETE CURB (W/3" TREE OR GRASS BELT)	6"	4 1/2"	16 1/2"	18"	18"
* 9" x 18" CONCRETE CURB (5/8" AGAINST CURB)	6"	4 1/2"	16 1/2"	18"	36"
* 9" x 20" CONCRETE CURB (WITH 3" TREE OR GRASS BELT)	8"	6 1/2"	18 1/2"	20"	18"
* 9" x 20" CONCRETE CURB (5/8" AGAINST CURB)	8"	6 1/2"	18 1/2"	20"	52"

* DETAIL TO BE UTILIZED

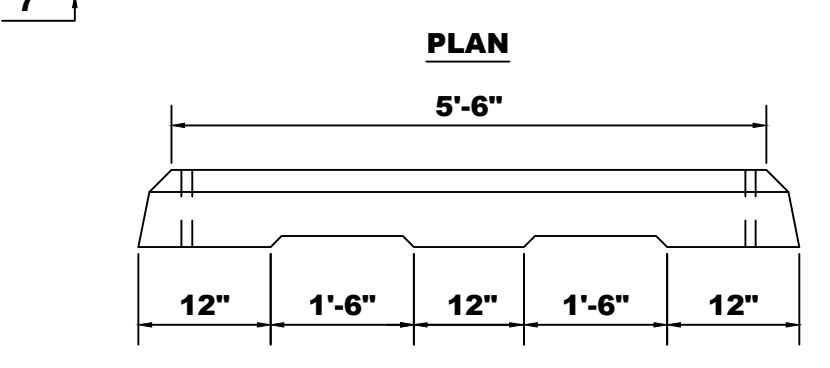
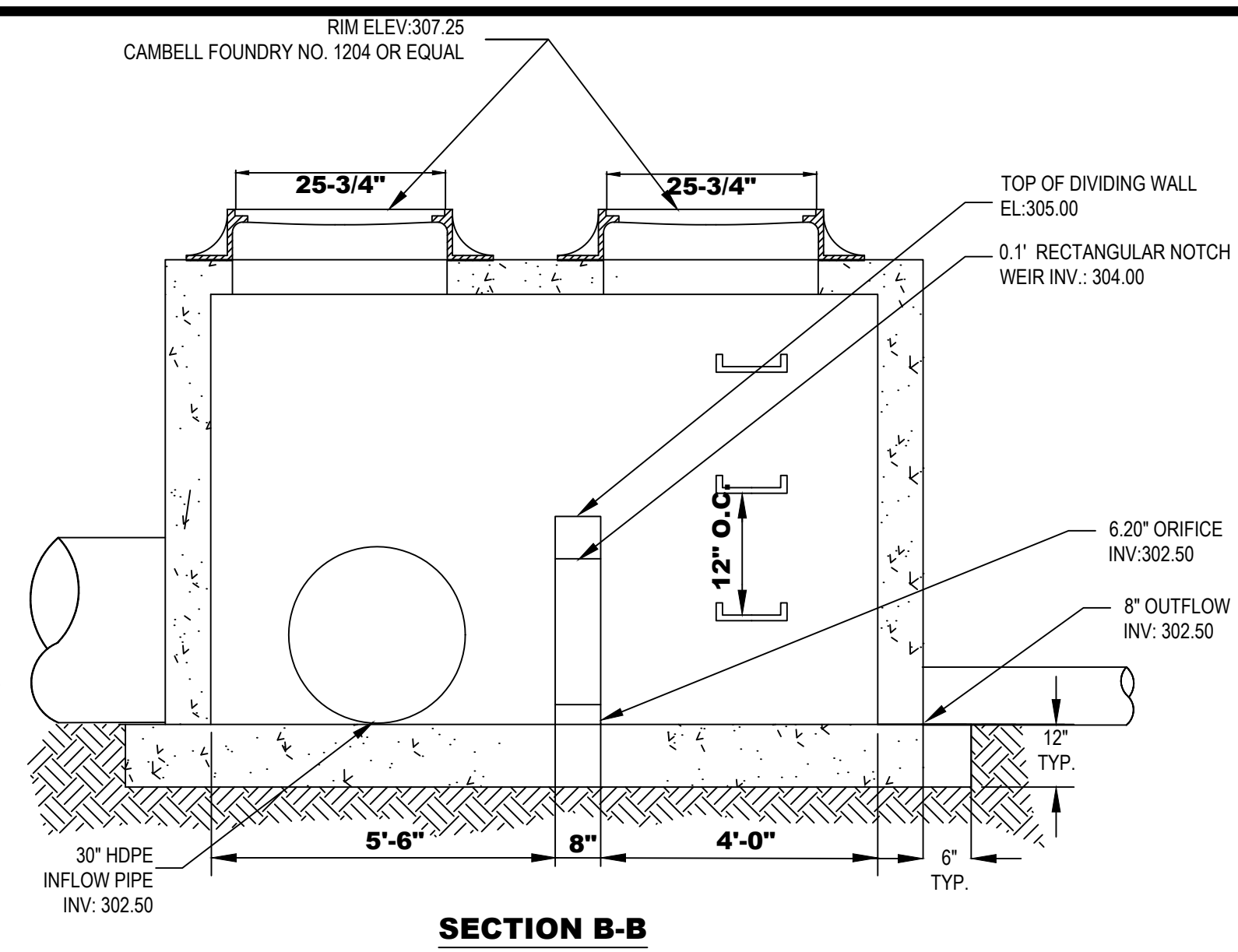
DEPRESSED CONCRETE CURB & APRON
NOT TO SCALE

NOTES:
1. "ALTERNATE A": CONSTRUCTION OF DEPRESSED CURB AND CONCRETE DRIVEWAY APRON PROVIDING ACCESS FROM THE NEW PORTION OF OAKDENE AVENUE TO ADJACENT LOT 1, 540 BERGEN BOULEVARD, IS SUBJECT TO WRITTEN CONSENT AND PERMISSION OF THE ADJACENT PROPERTY OWNER TO BE OBTAINED BY THE APPLICANT.



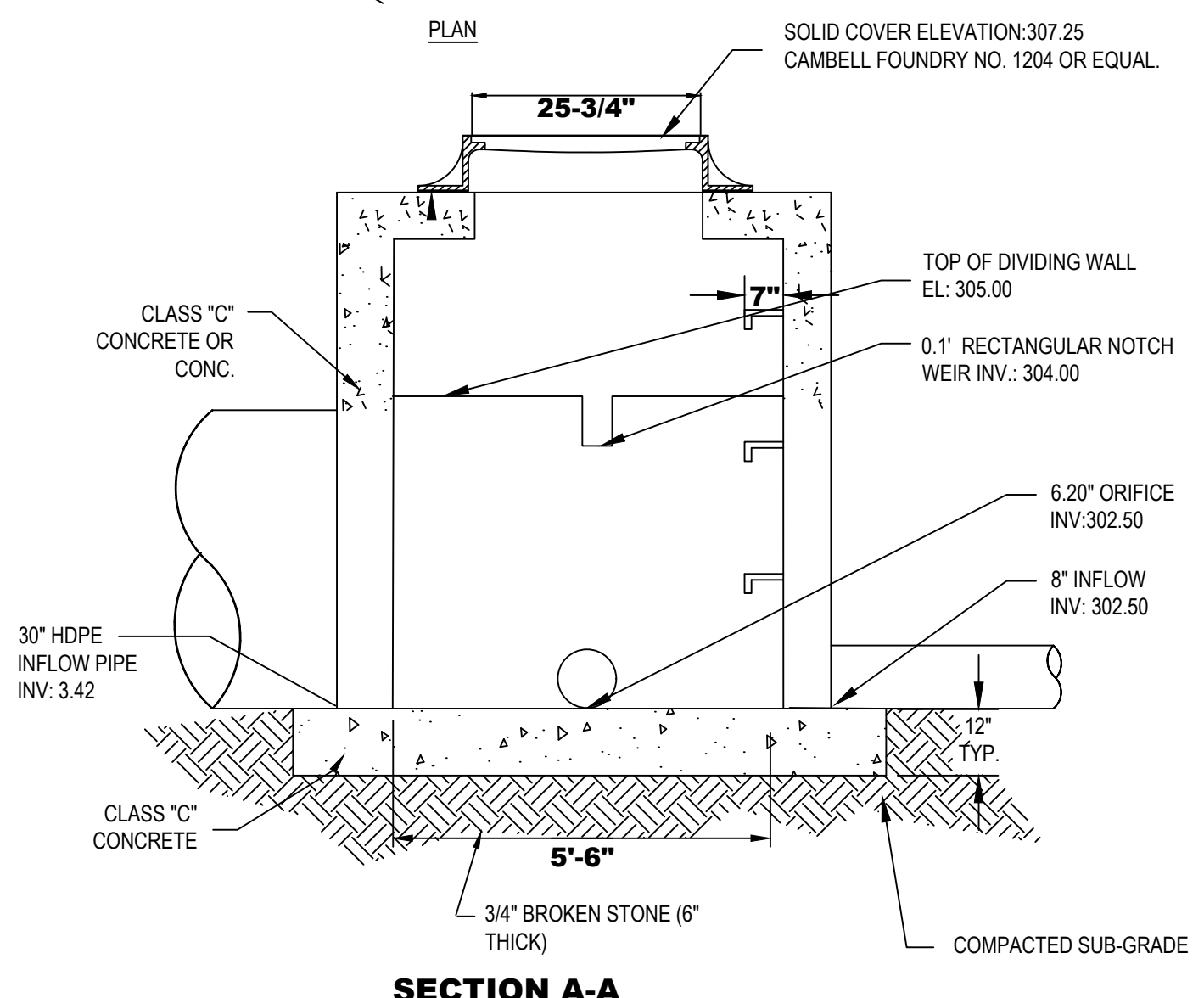
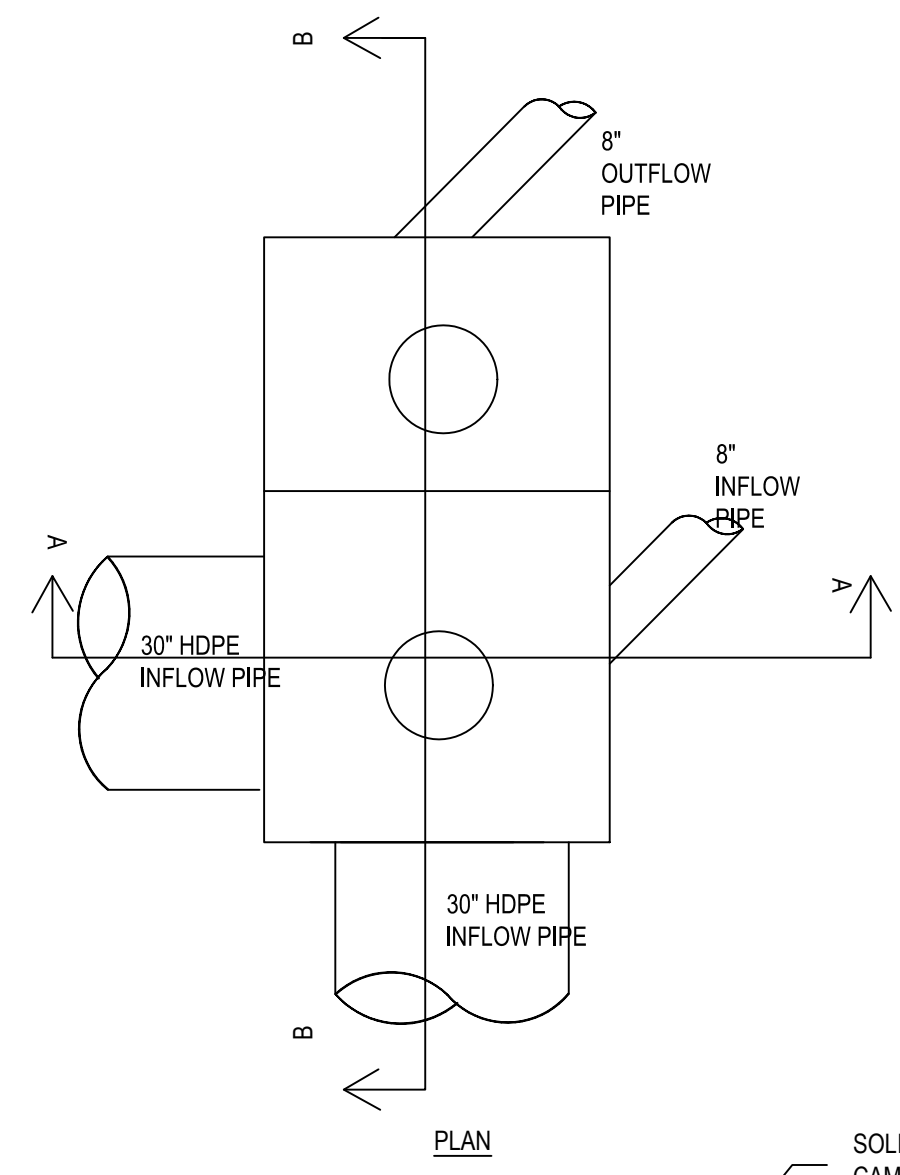
NOTES:
1. WATER QUALITY STRUCTURE SHALL BE CDS-4 AS SHOWN WITH 0.7 CFS TREATMENT CAPACITY AND 10 CFS BYPASS CAPACITY, WITH NJDEP CERTIFICATION FOR 50% TSS REMOVAL ON LINE OR APPROVED EQUAL.

CDS WATER QUALITY
NOT TO SCALE



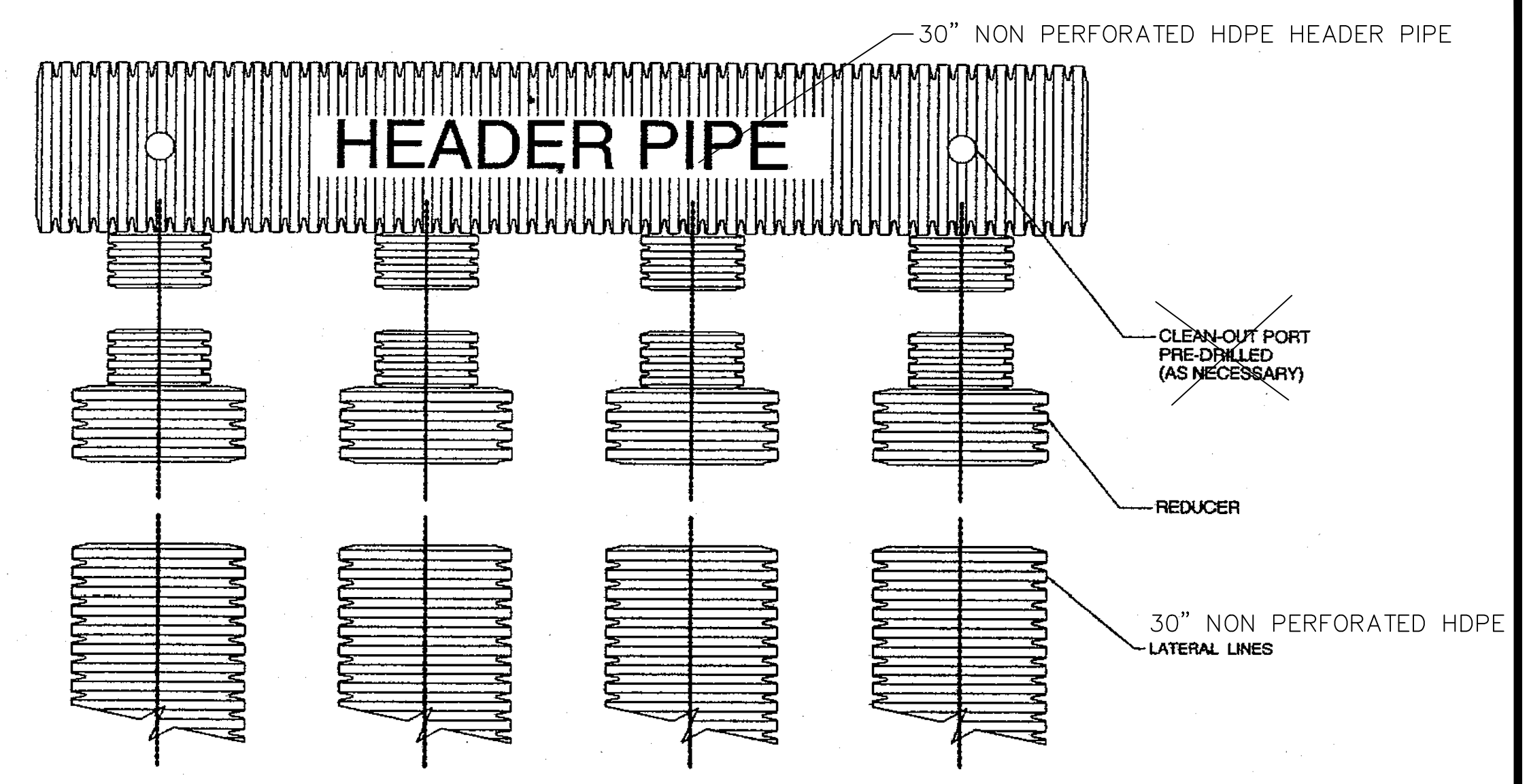
CONCRETE VEHICLE PARKING BUMPER
NOT TO SCALE

CONCRETE 5000 PSI MIN. 28 DAY STRENGTH
REINFORCEMENT-2 #4 DEFORMED BARS ANCHORAGE-2 #8 @ 12" O.C. FINISH- SMOOTH, STEEL FORM WITH ALL FLASHING REMOVED.

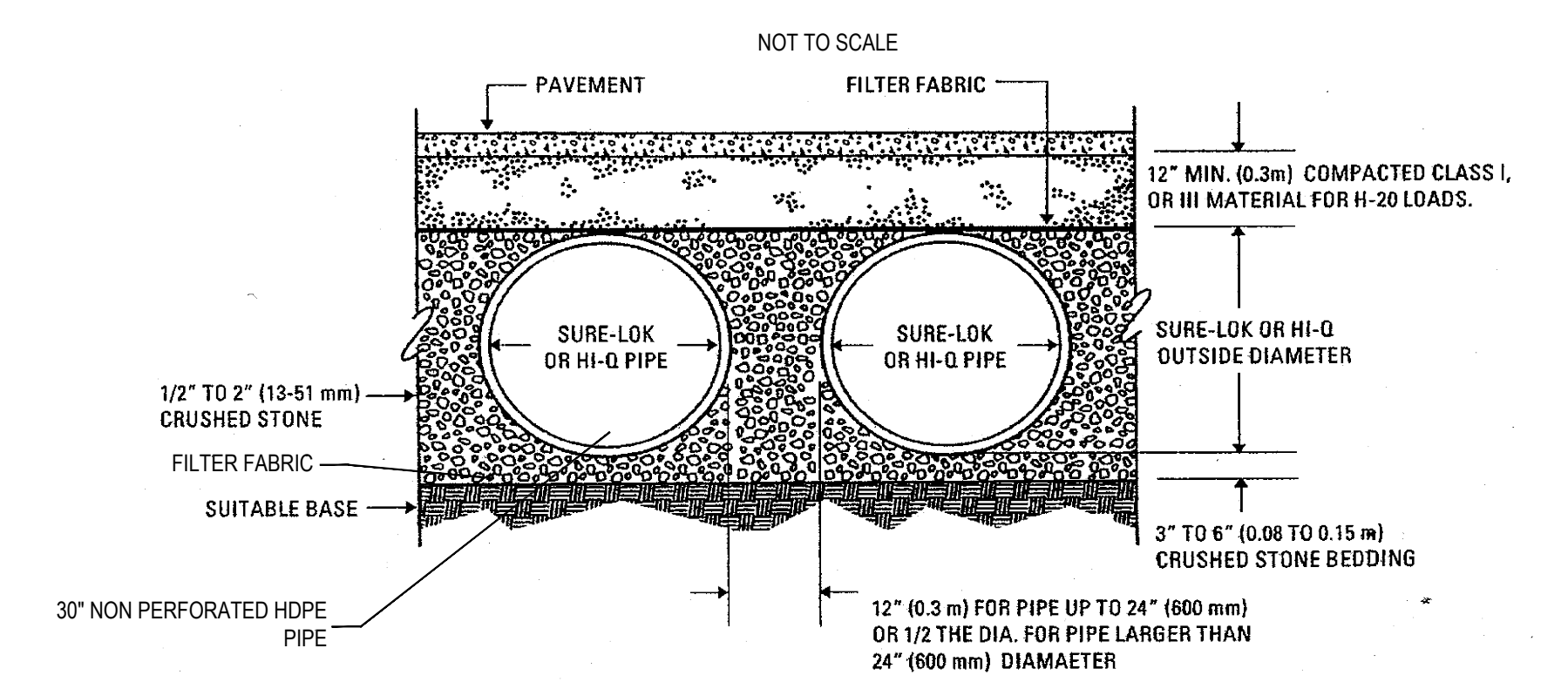


NOTE:
1. STRUCTURE SHALL BE CERTIFIED FOR HS-20 LOADING

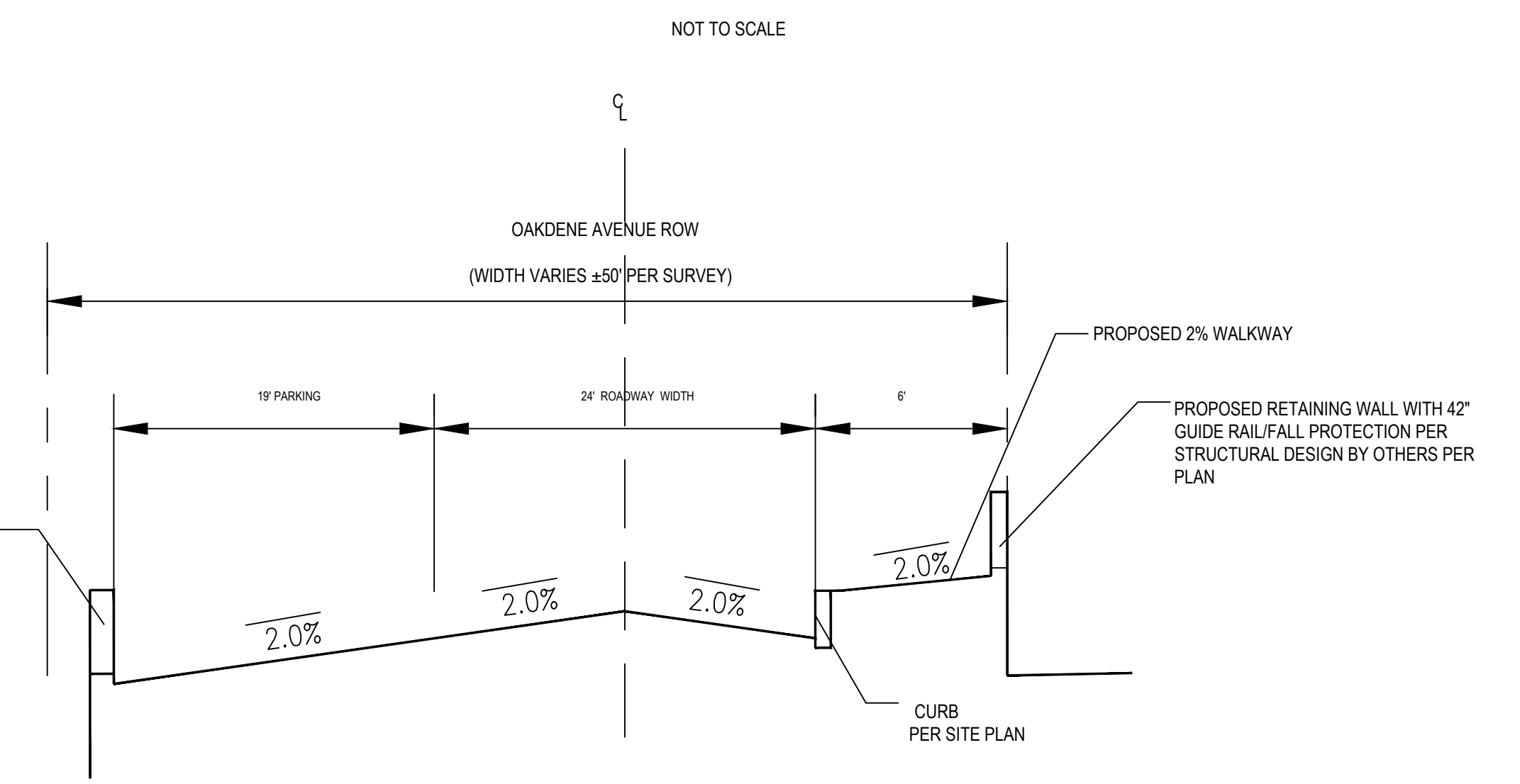
PR OUTLET CONTROL STRUCTURE
NOT TO SCALE



HEADER PIPE DETAIL



TYPICAL TRENCH DETAIL FOR UNDERGROUND DETENTION SYSTEM



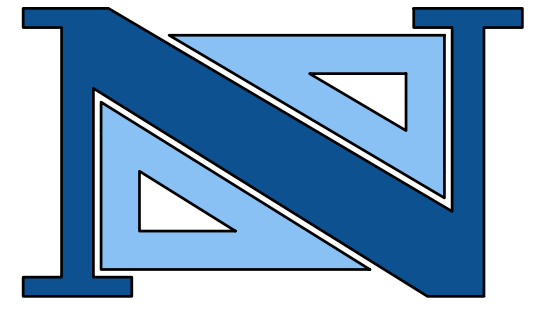
OAKDENE AVENUE RECONSTRUCTION TYPICAL SECTION
NOT TO SCALE

NOTES:
1. SEE TYPICAL PAVEMENT SECTION FOR PROPOSED PAVEMENT SECTION THICKNESSES
2. SEE SITE PLAN AND GRADING AND DRAINAGE PLAN FOR PROPOSED DIMENSIONS AND PROPOSED GRADING/ELEVATIONS.

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REVISIONS			NO.	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED



ANTHONY KURUS, P.E., P.P.
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N.J. LICENSE NO. 46445

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TEL: 201-939-8805
FAX: 201-939-0846
E-MAIL: NEA@NEGLIAENGINEERING.COM

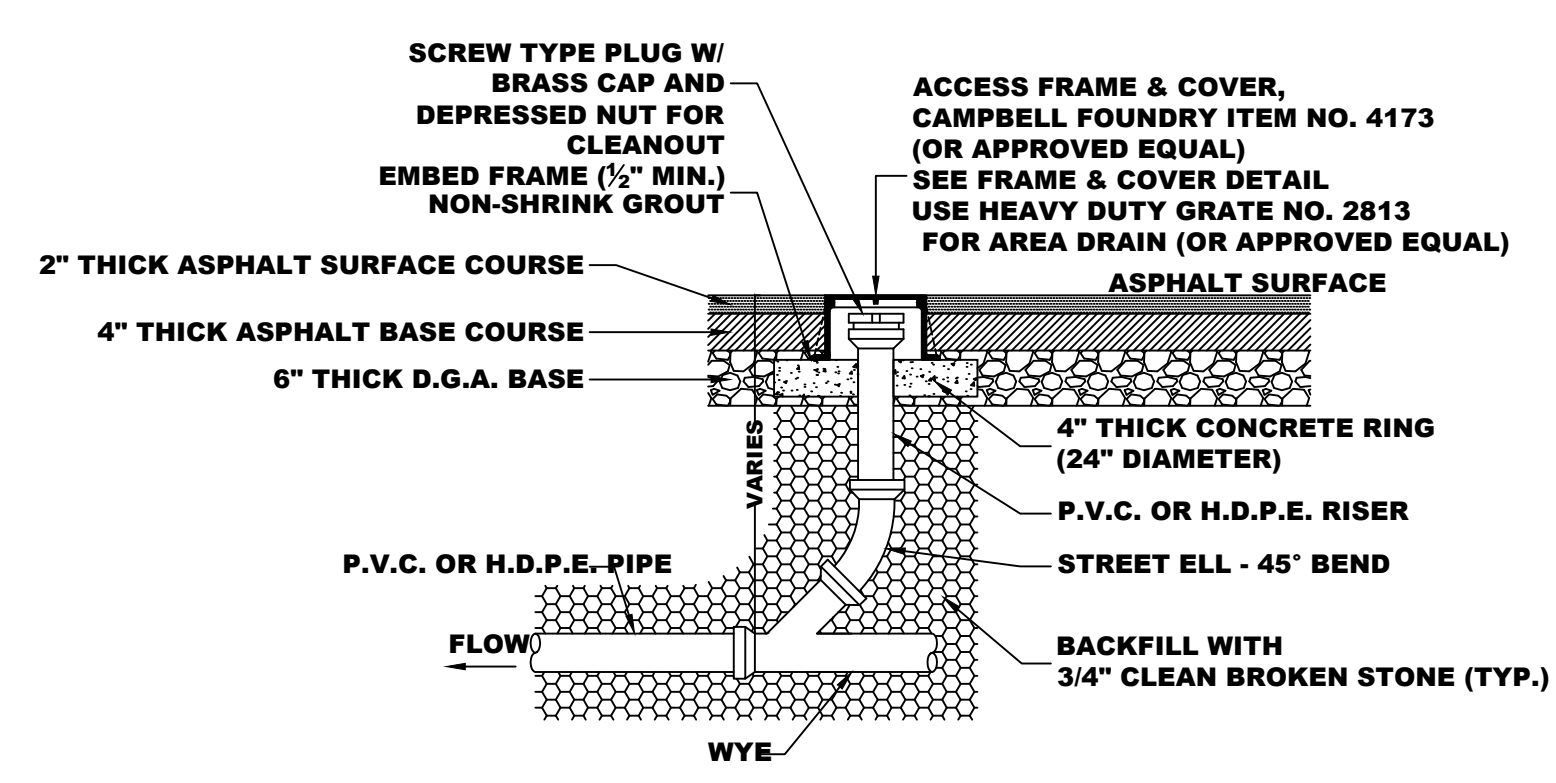
MICHAEL J. NEGLIA, P.E., P.L.S., P.P.
PROFESSIONAL ENGINEER
N.J. LICENSE NO. 38604

PROFESSIONAL LAND SURVEYOR
N.J. LICENSE NO. 38604

PROFESSIONAL PLANNER
N.J. LICENSE NO. 33L00569800

CONSTRUCTION DETAILS
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

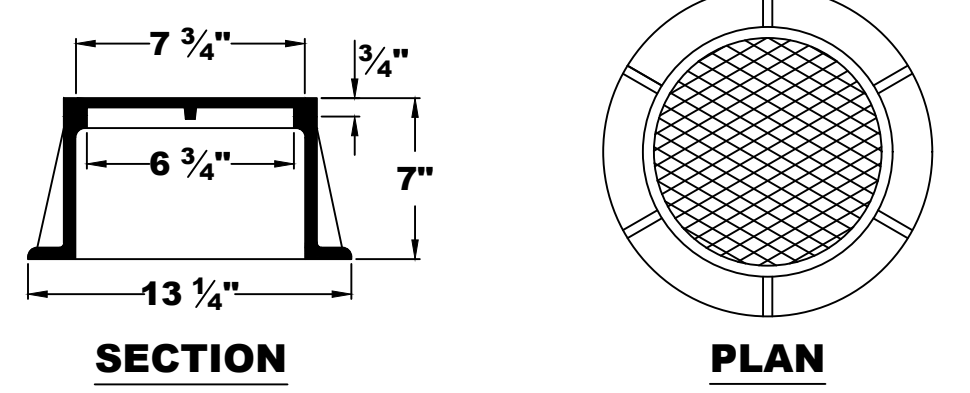
PROJECT NO.: PAKPRV20.010
SHEET NO.: 7.00
DATE: SEPTEMBER 24, 2020



CLEANOUT/AREA DRAIN DETAIL (TYP.)

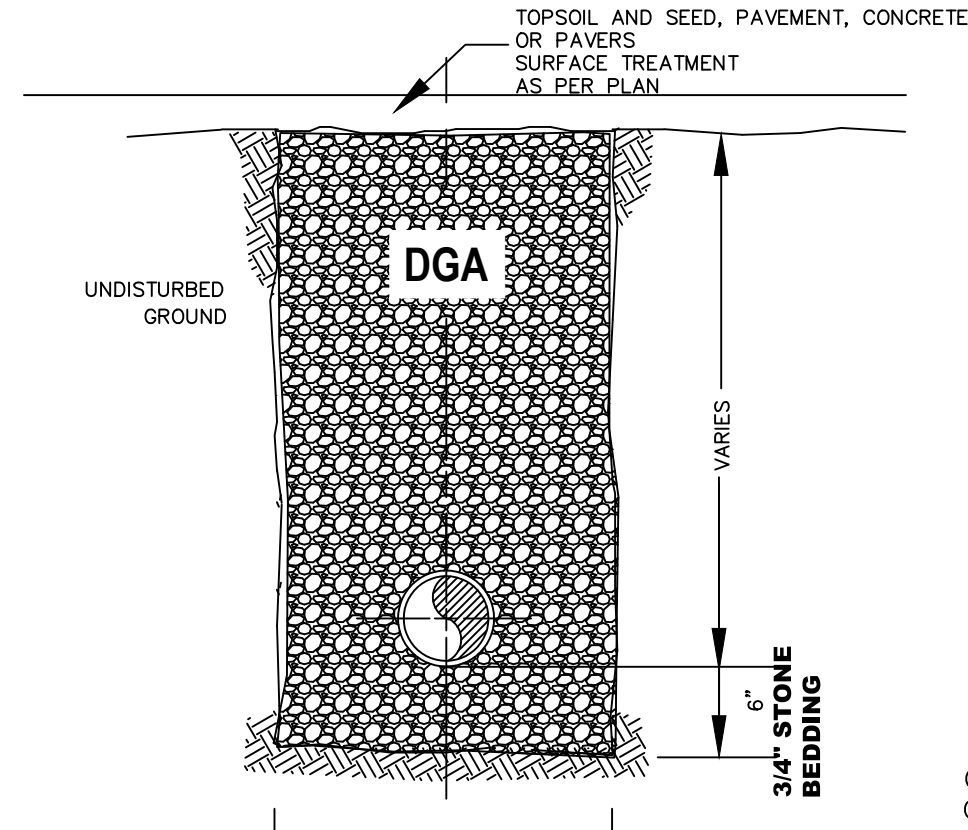
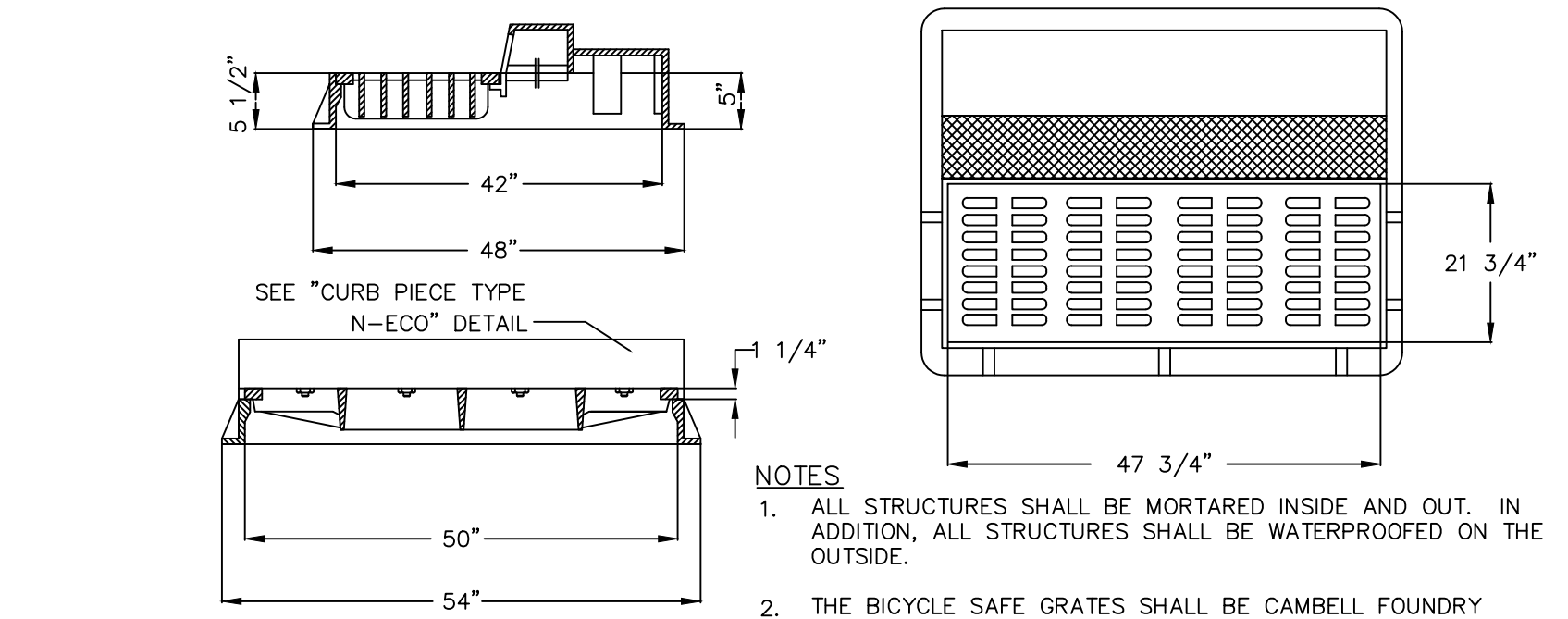
NOT TO SCALE

NOTE: SIZES OF ALL PIPES, ELLS, & WYES SHALL BE AS INDICATED ON THE PLANS AND SPECIFICATIONS.

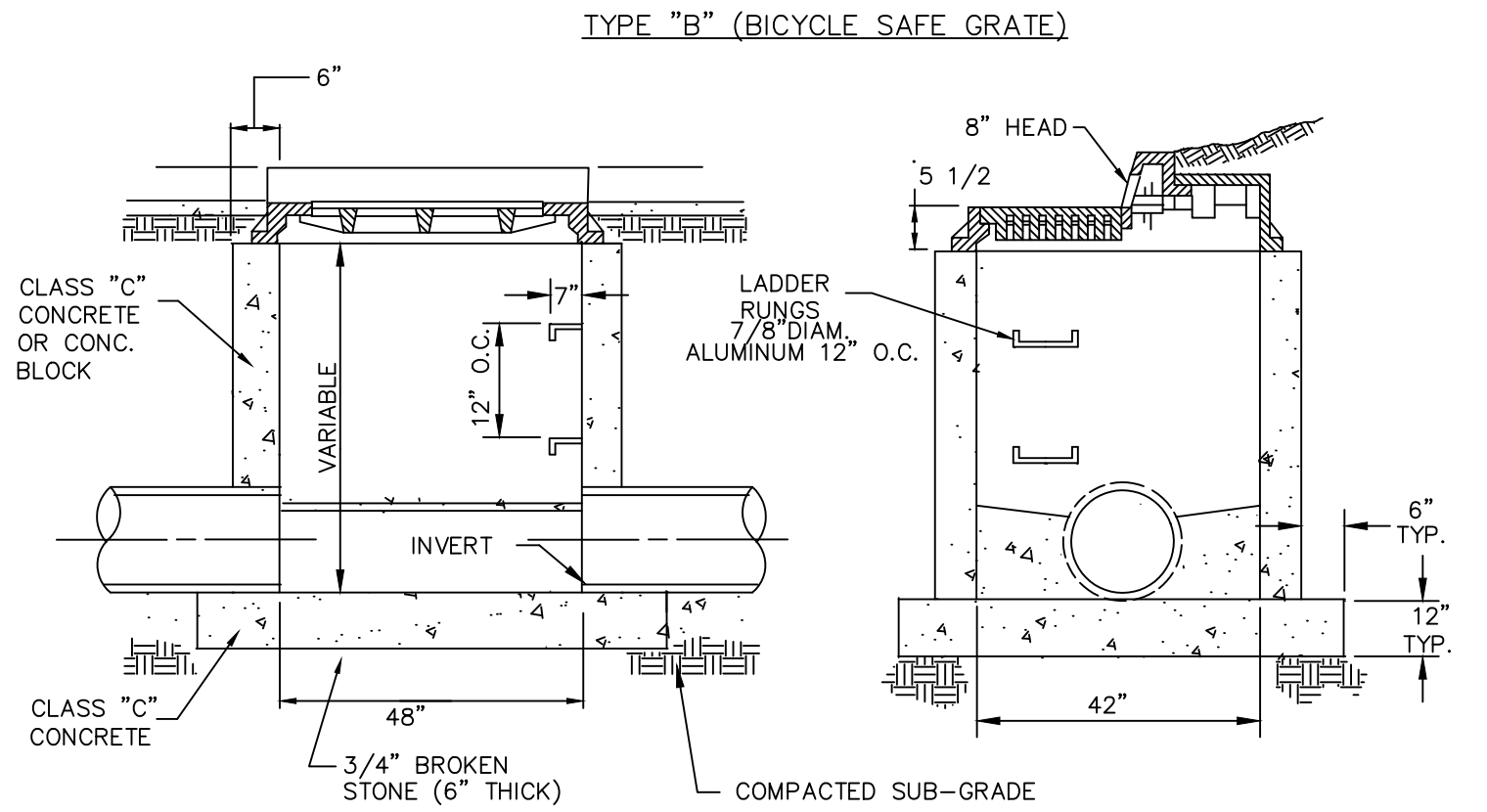


ACCESS FRAME & COVER DETAIL

NOTE: CLEANOUT FRAME & COVER SHALL BE PATTERN NO. 4173 AS MANUFACTURED BY CAMPBELL FOUNDRY, OR APPROVED EQUAL. HEAVY DUTY AREA DRAIN SHALL BE PATTERN NO. 2813 BY CAMPBELL FOUNDRY OR APPROVED EQUAL.

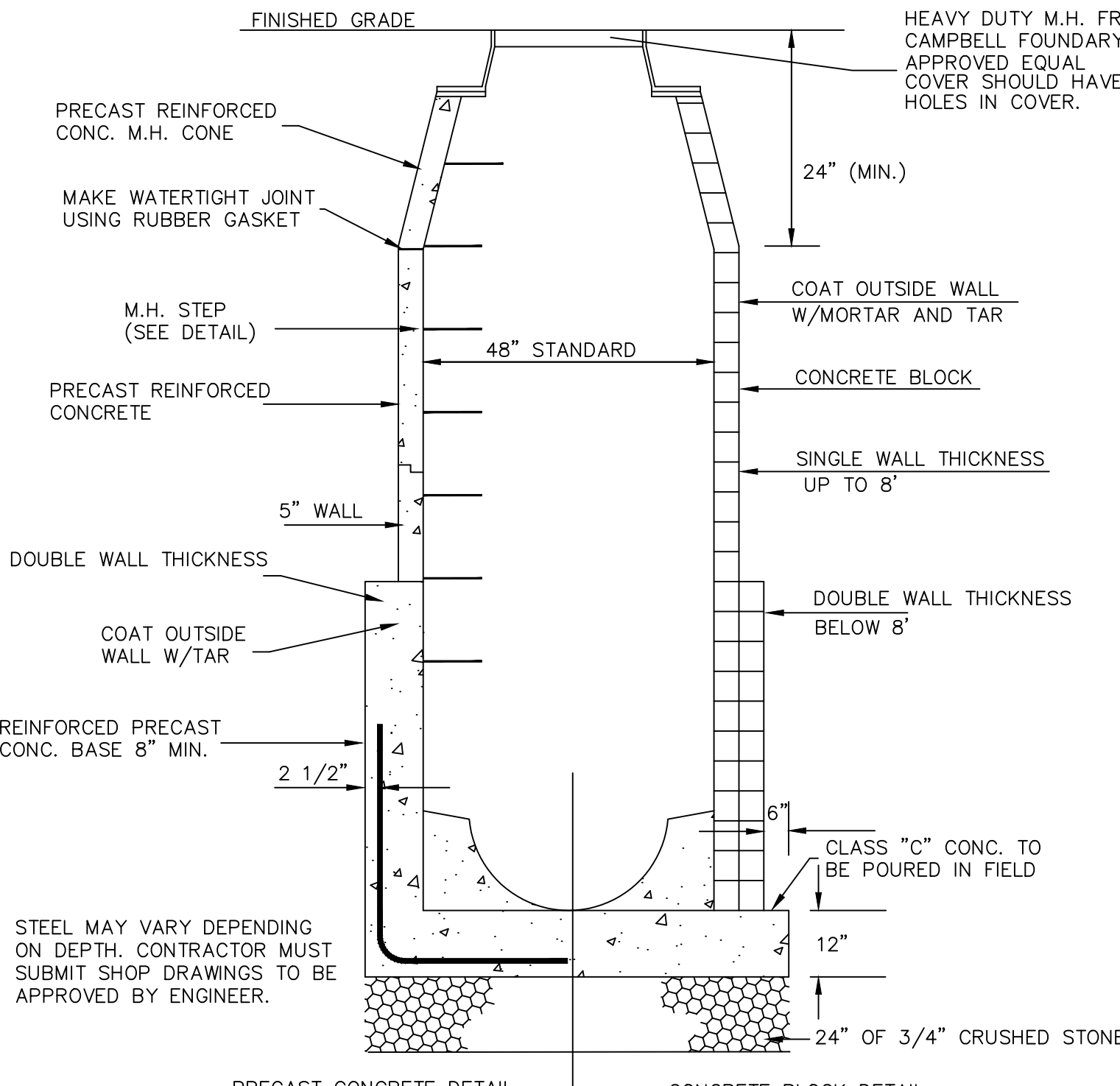


NOTES:
1. ALL STRUCTURES SHALL BE MORTARED INSIDE AND OUT. IN ADDITION, ALL STRUCTURES SHALL BE WATERPROOFED ON THE OUTSIDE.
2. THE BICYCLE SAFE GRATES SHALL BE CAMPBELL FOUNDRY PATTERN NUMBER 2618, BICYCLE SAFE GRATE WITH SPECIAL CURB PIECE TYPE "N-ECO" (SEE DETAIL). ALL CASTINGS SHALL BE MADE IN THE U.S.A. AS PER LOCAL, STATE, AND FEDERAL REQUIREMENTS.



TYPE "B" INLET
NOT TO SCALE

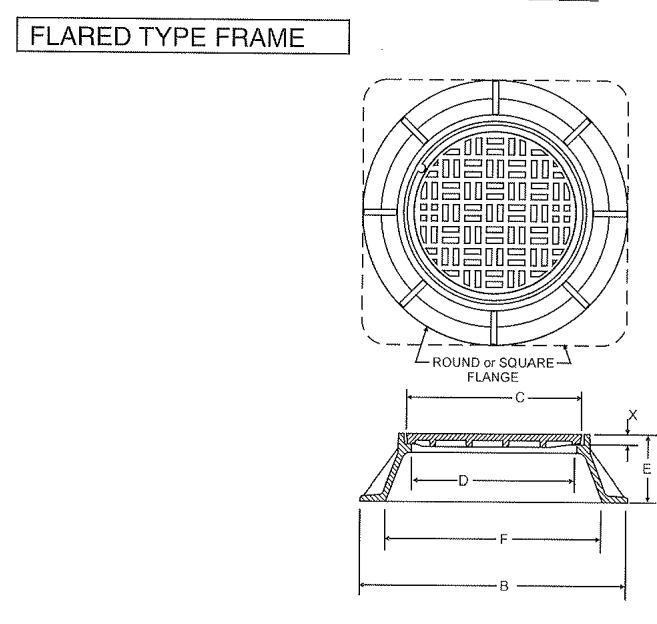
NOTE:
1. STRUCTURE SHALL BE CERTIFIED FOR HS-20 LOADING



MANHOLE DETAIL
NOT TO SCALE

NOTE: ALL STRUCTURES SHALL BE MORTARED INSIDE AND OUT. IN ADDITION ALL STRUCTURES SHALL BE WATERPROOFED ON THE OUTSIDE.

Heavy Duty Manhole Frames and Covers

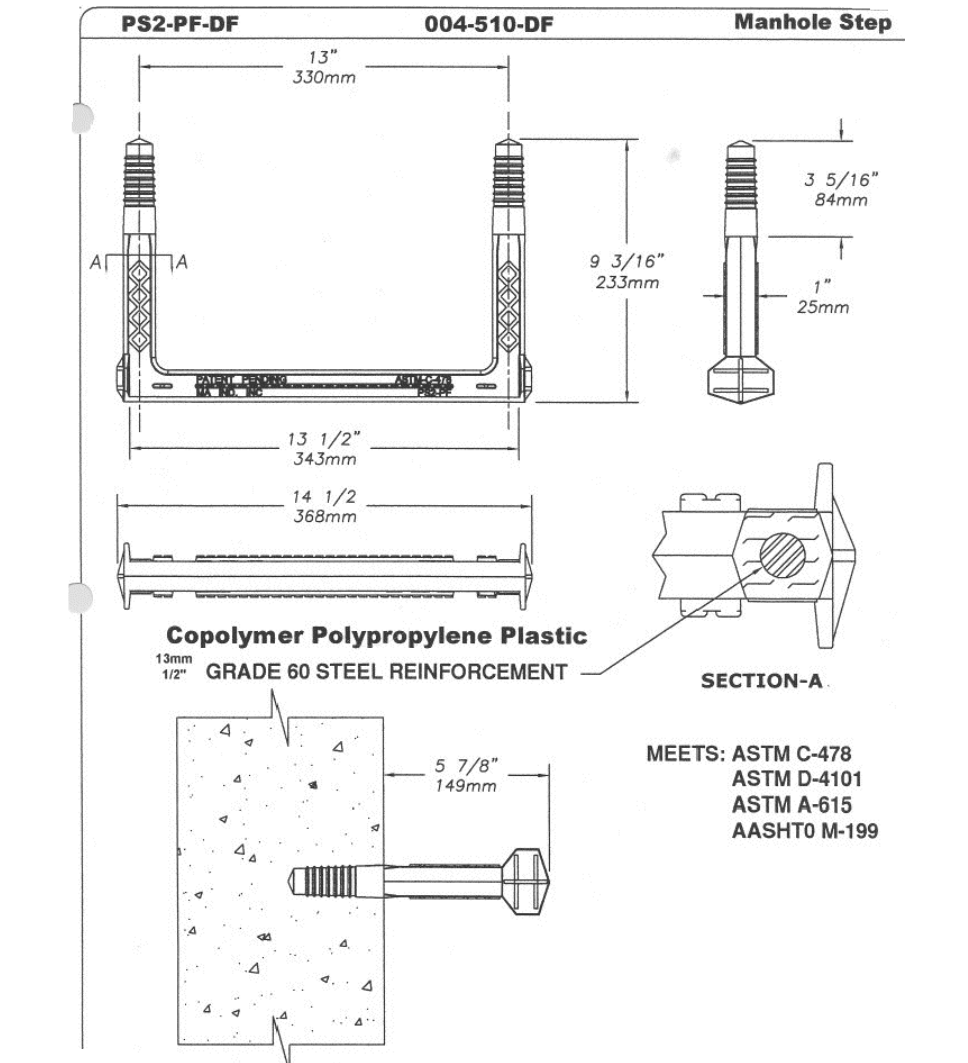


PATTERN NUMBER	DIMENSIONS IN INCHES							
	ROUND FLANGE	SQUARE FLANGE	B	C	D	E	F	X
1204	1229	43	25 3/4	24	10	35	1 3/4	

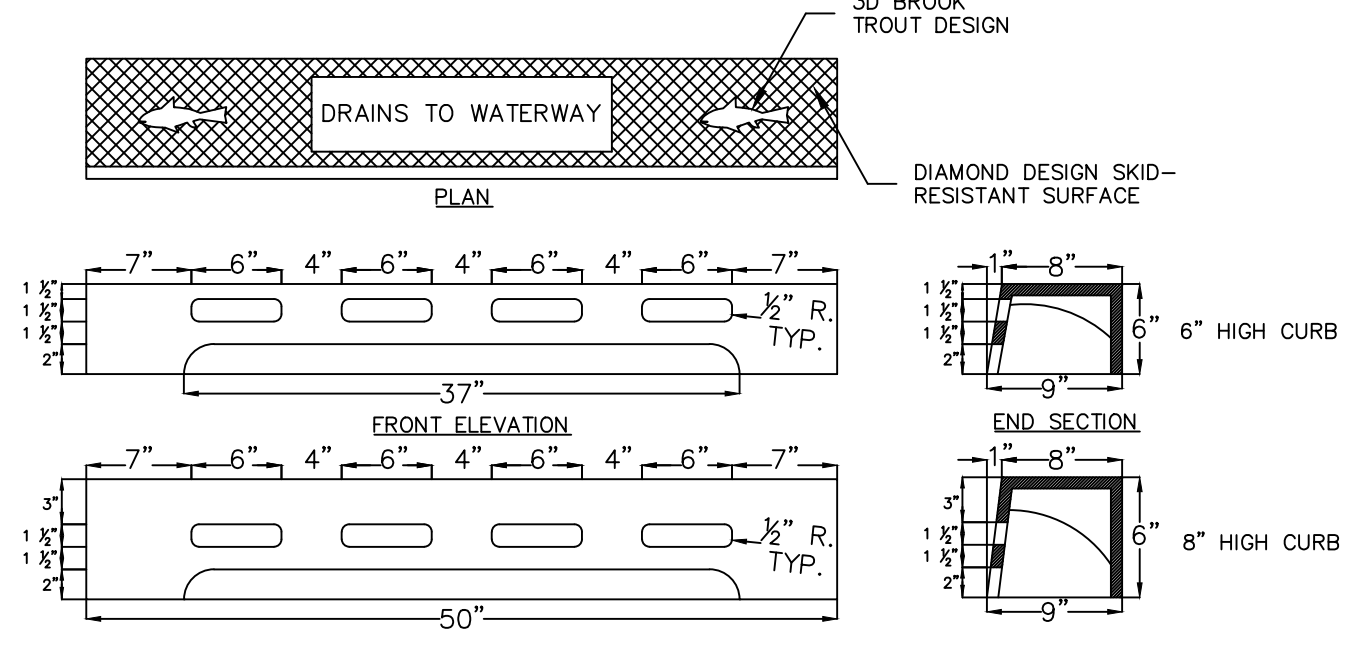
NOTE:
1. COVER TO BE "FLOW SEAL" TYPE OR EQUIVALENT.

MANHOLE FRAME AND COVER

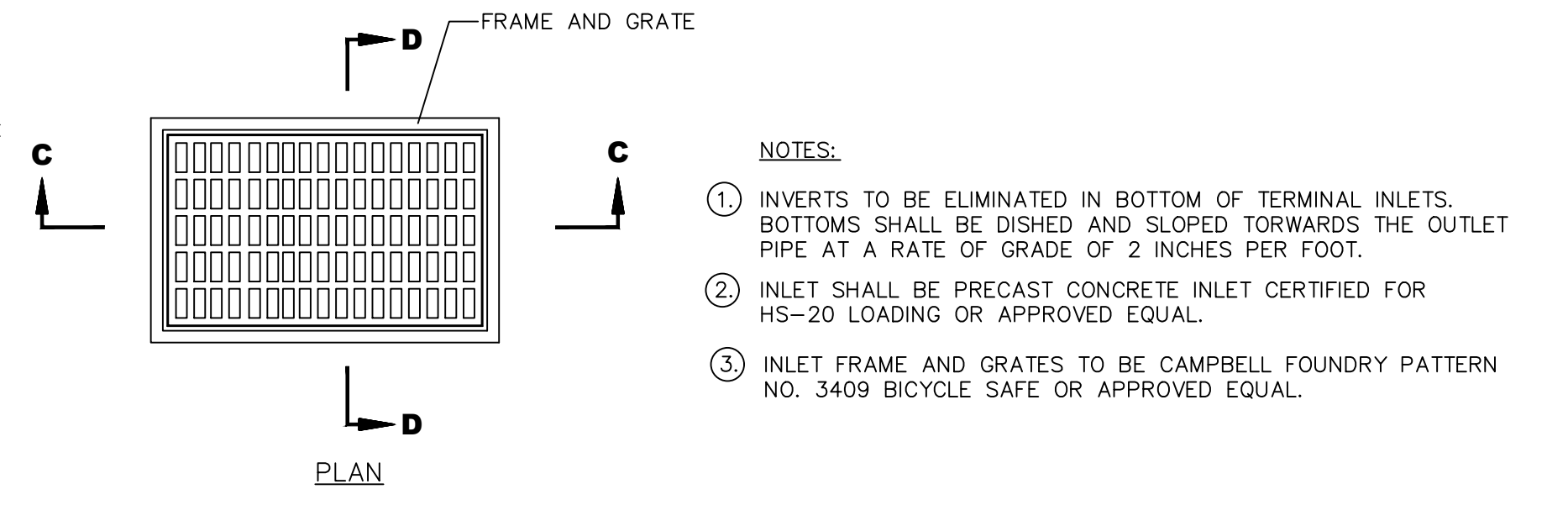
NOT TO SCALE



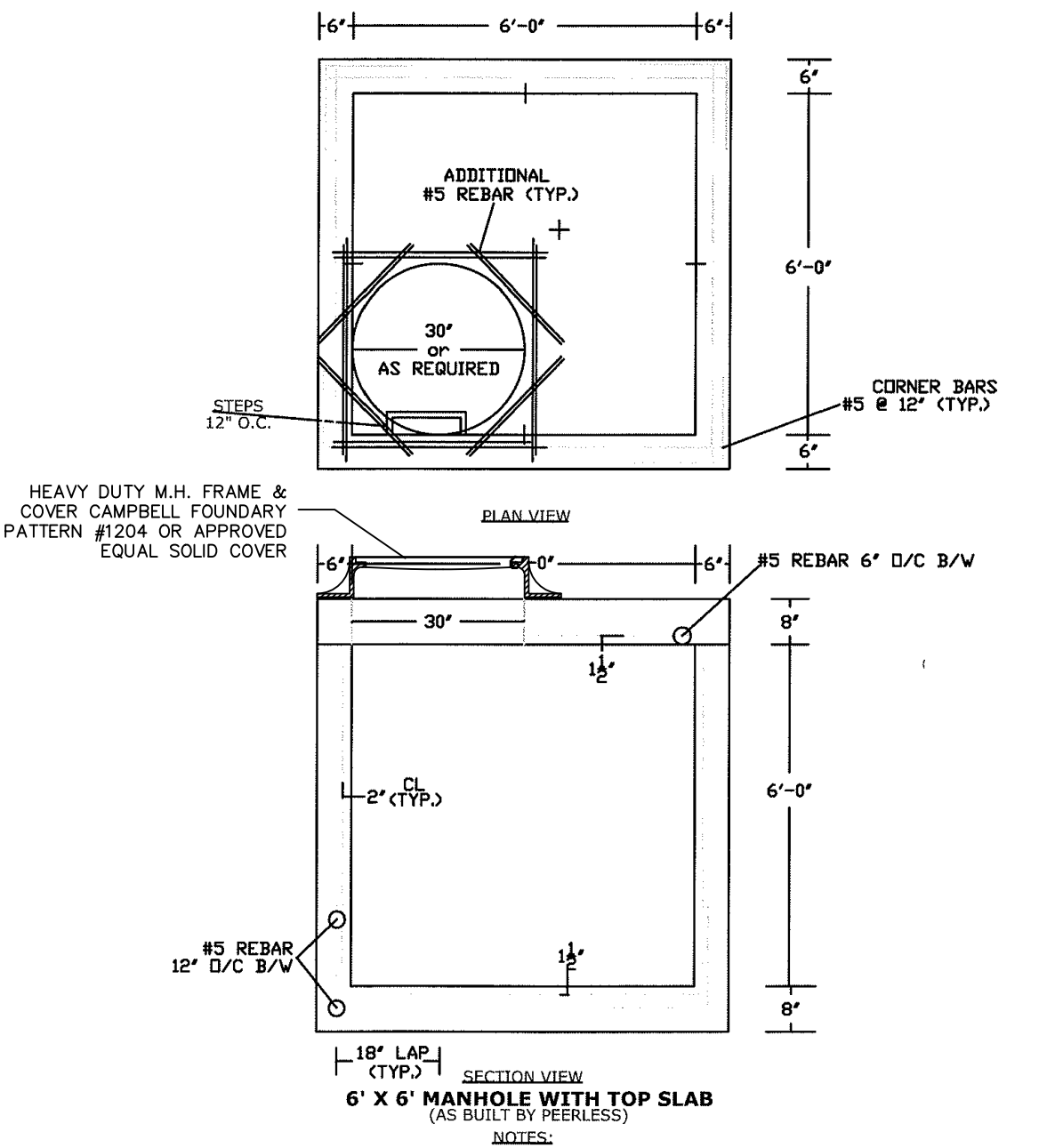
MANHOLE LADDER STEPS
NOT TO SCALE



CURB PIECE TYPE 'N-ECO'
NOT TO SCALE



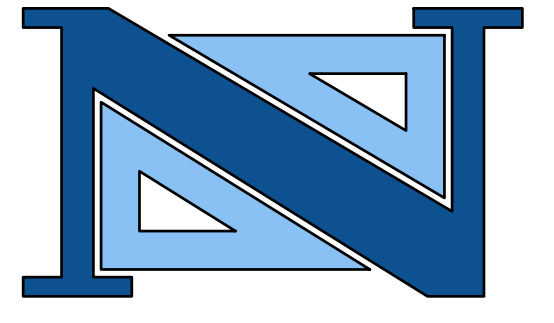
TYPE "A" INLET
NOT TO SCALE



OVERSIZED MANHOLE DETAIL
NOT TO SCALE

NOTES:
1. OVERSIZED MANHOLE STRUCTURE TO MEET CRITERIA FOR H-20 LOADING CRITERIA.
2. OVERSIZED MANHOLE SHALL BE AS SHOWN OR APPROVED EQUAL, DESIGNED FOR H-20 LOADING. SHOP DRAWINGS SHOWING PROPOSED REINFORCEMENT PREPARED BY A LICENSED STRUCTURAL ENGINEER TO BE PROVIDED FIRST TO CONSTRUCTION.
3. SEE GRADING AND DRAINAGE PLAN FOR LOCATION/ORIENTATION OF PROPOSED OVERSIZED MANHOLES.

REVISIONS		DRAWN	DESIGNED	CHECKED
NO.	DATE			



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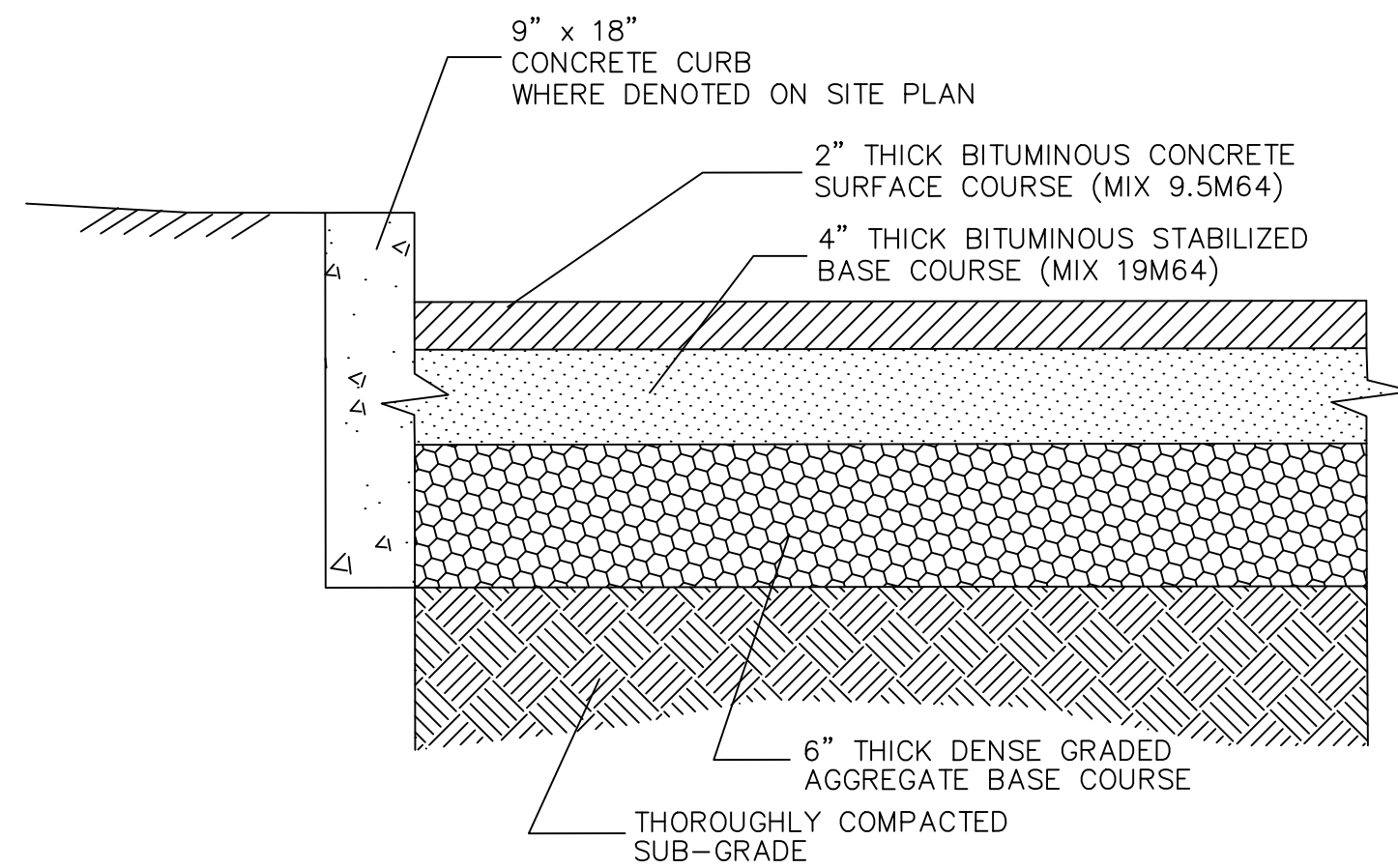
PROFESSIONAL LAND SURVEYOR
N.J. LICENSE NO. 38604

PROFESSIONAL PLANNER
N.J. LICENSE NO. 33100598900

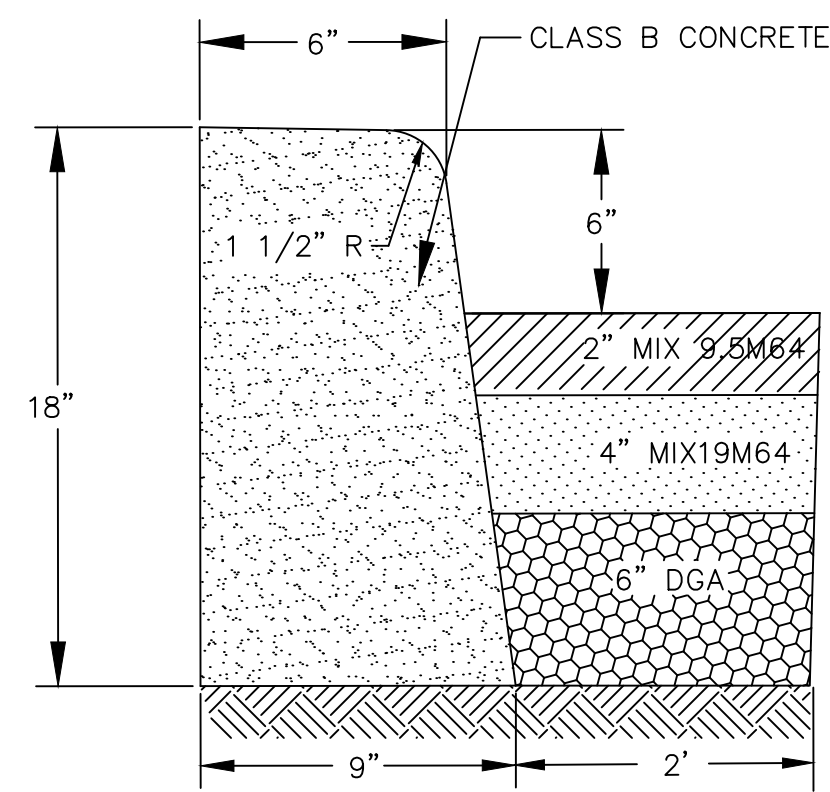
CONSTRUCTION DETAILS
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

DRAWN BY: M.F.L.	CHECKED BY: A.K.	PROJECT NO.: PAKPRV20.010	SHEET NO.: 7.01
DESIGNED BY: M.F.L.	SCALE: N.T.S.	DATE: SEPTEMBER 24, 2020	
FIELD BOOK NO.:	PAGE:		

m:\gallagher\proj\2020\010_0502_bergen_boulevard\24a\final\gallagher\07_20\construction_details.dwg, Plotted: Wednesday, December 9, 2020, 10:38:57 AM

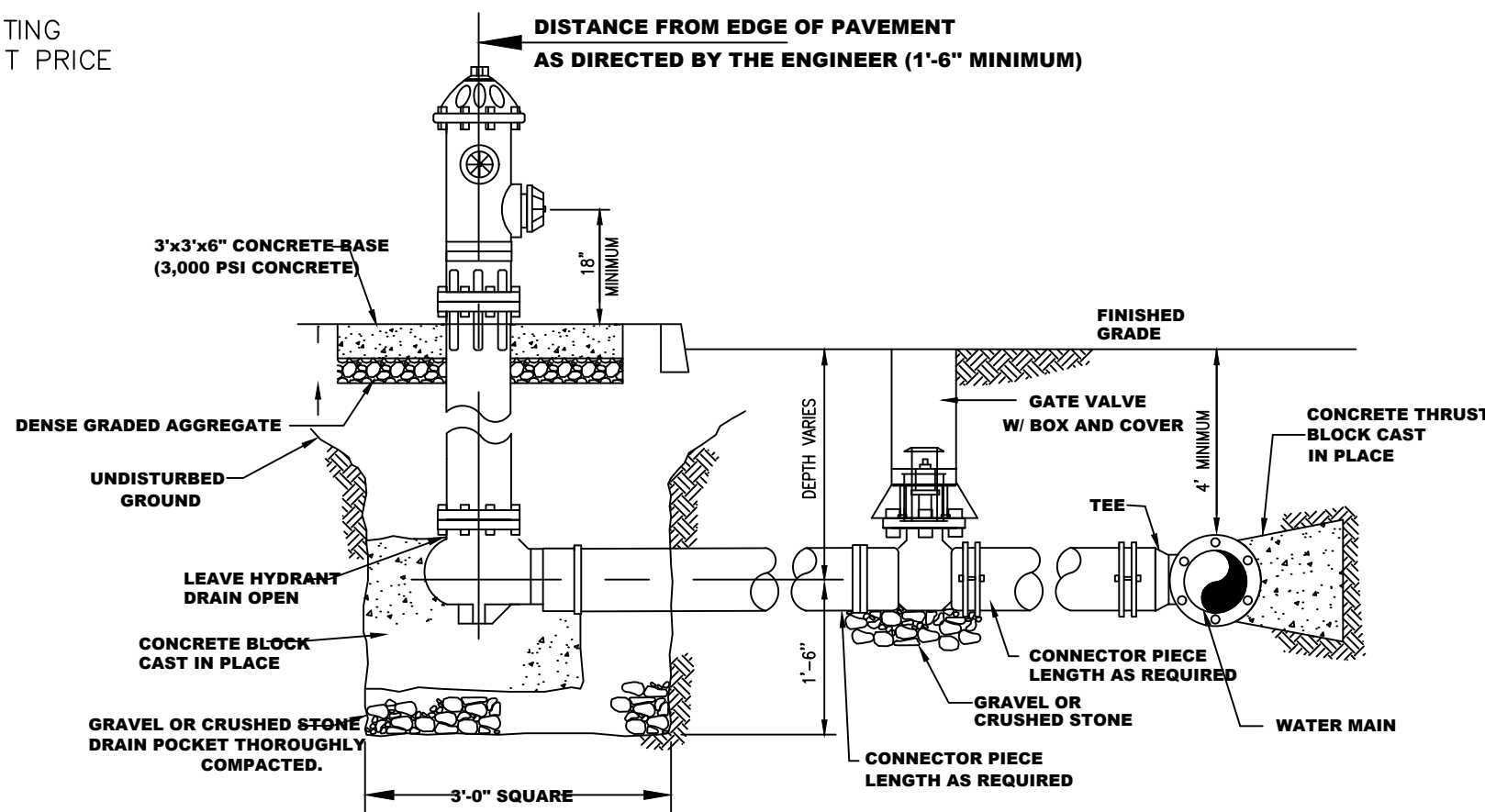
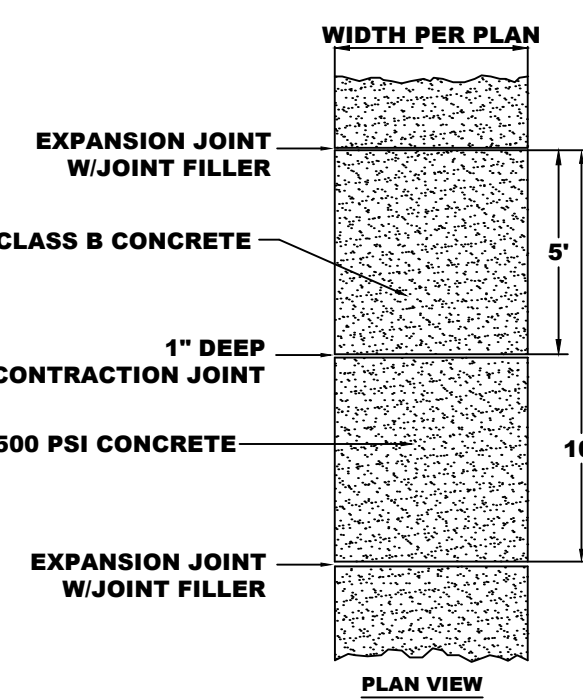


TYPICAL ROADWAY PAVEMENT SECTION
NOT TO SCALE



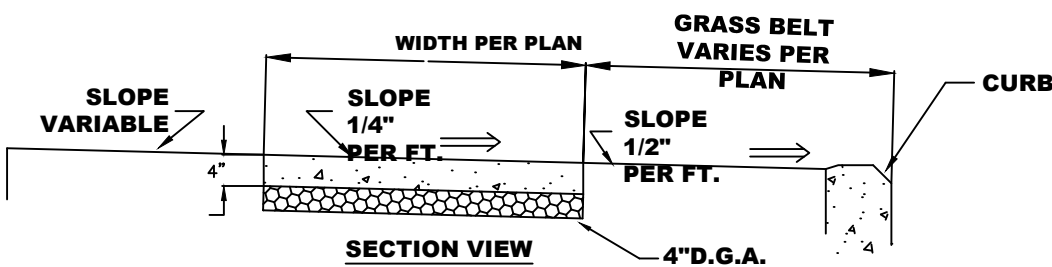
NOTES:
1. FULL FORM CURBS MUST BE USED.
2. ALL EXCAVATION INCLUDES THE REMOVAL OF EXISTING CURB AND SHALL BE INCORPORATED IN THE UNIT PRICE BID FOR LINEAR FOOT OF CURB. UNNOTES

9" x 18" CONCRETE CURB
NOT TO SCALE



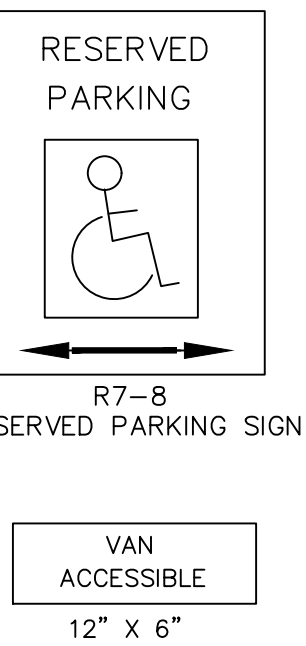
FIRE HYDRANT DETAIL
NOT TO SCALE

NOTES:
1. HYDRANT SHALL BE OF THE TYPE MANUFACTURED BY THE U.S. PIPE CO., SENTINEL 250, OR APPROVED EQUAL, AND SHALL BE COORDINATED WITH GOVERNING UTILITY AUTHORITY AND FIRE MARSHAL.

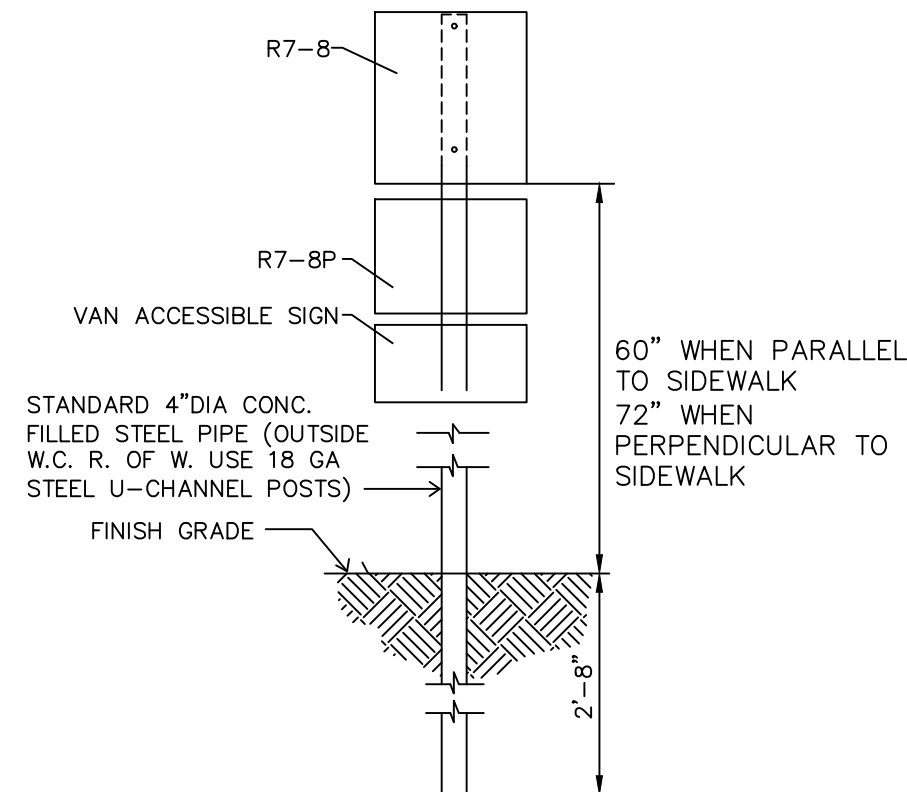


CONCRETE SIDEWALK
NOT TO SCALE

NOTES:
1. UNIT PRICE FOR SIDEWALK INCLUDES EXCAVATION, GRADING, CONCRETE REMOVAL, CONC. SAWCUTTING AND DISPOSAL, AND D.G.A.
2. EXISTING GREEN BELT MATERIALS (GRASS, BRICK, CONCRETE, ETC.) TO BE REPLACED WITH SAME MATERIAL UNLESS OTHERWISE APPROVED OR DIRECTED BY THE TOWNSHIP ENGINEER.

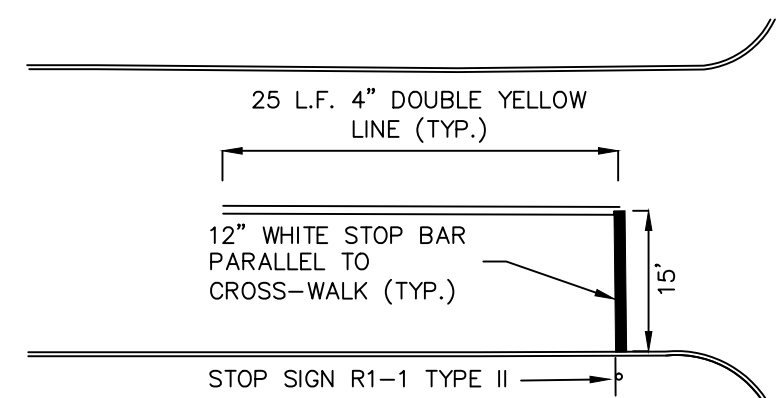


PENALTY
\$250 1ST OFFENSE
SUBSEQUENT OFFENSES
\$250 MIN. AND/OR UP TO 90 DAYS COMMUNITY SERVICE
TOW-AWAY ZONE AT OWNER'S EXPENSE
RESERVED PARKING PENALTY SIGN (10" X 12")

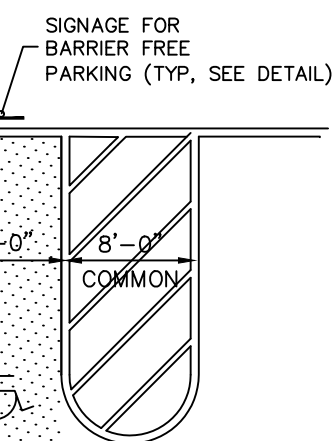


INSTALLATION OF SIGNAGE FOR BARRIER FREE PARKING
NOT TO SCALE

NOTES:
1. EACH ACCESSIBLE SPACE SHALL BE MARKED WITH AN R7-8 SIGN FROM THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS SHOWN.
2. BENEATH THE R7-8 SIGN, EACH ACCESSIBLE SPACE SHALL ALSO BE MARKED WITH AN R7-9B SIGN AS SHOWN.
3. THE BOTTOM OF THE R7-8 SIGN SHALL BE MOUNTED APPROXIMATELY 60" ABOVE THE PARKING LOT OR SIDEWALK SURFACE WHEN THE SIGN IS PARALLEL TO THE SIDEWALK AND APPROXIMATELY 72" ABOVE THE PARKING LOT OR SIDEWALK SURFACE WHEN THE SIGN IS PERPENDICULAR TO THE SIDEWALK.
4. THE R7-8 SIGN SHALL BE CENTERED AND MOUNTED AT THE HEAD OF EACH PARKING SPACE.

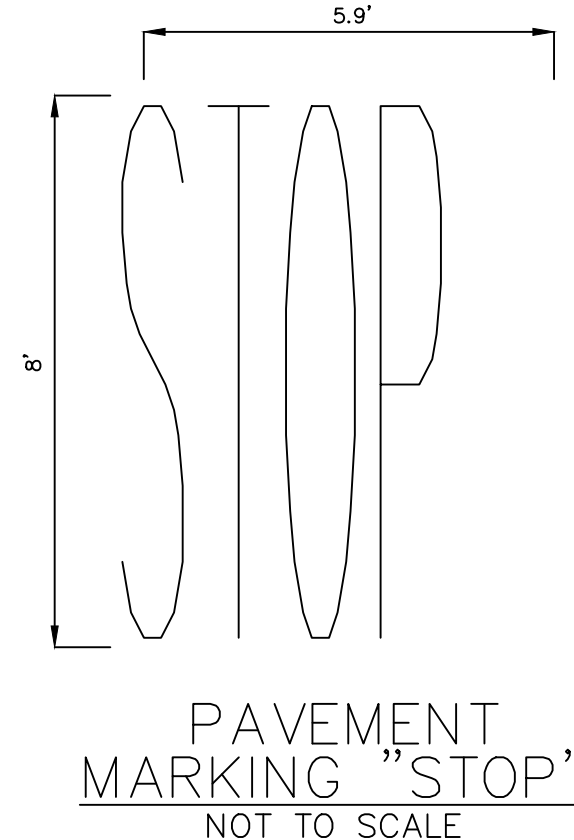


LINE STRIPING DETAIL
NOT TO SCALE

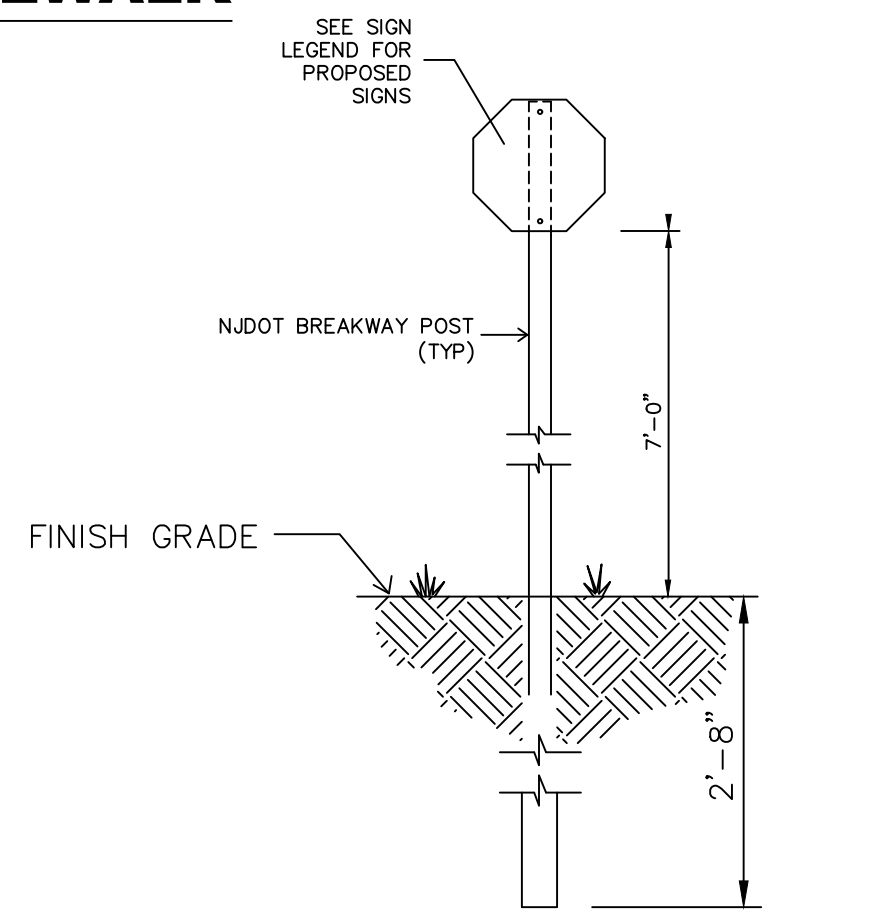


NOTES:
1. ALL STRIPES TO BE 4" WIDE WHITE PAVEMENT PAINT.
2. DISABLED PARKING SYMBOL TO BE WHITE PAVEMENT PAINT.
3. PARKING AREA TO BE PAINTED SPECIAL BLUE.

BARRIER FREE PARKING DETAIL
NOT TO SCALE

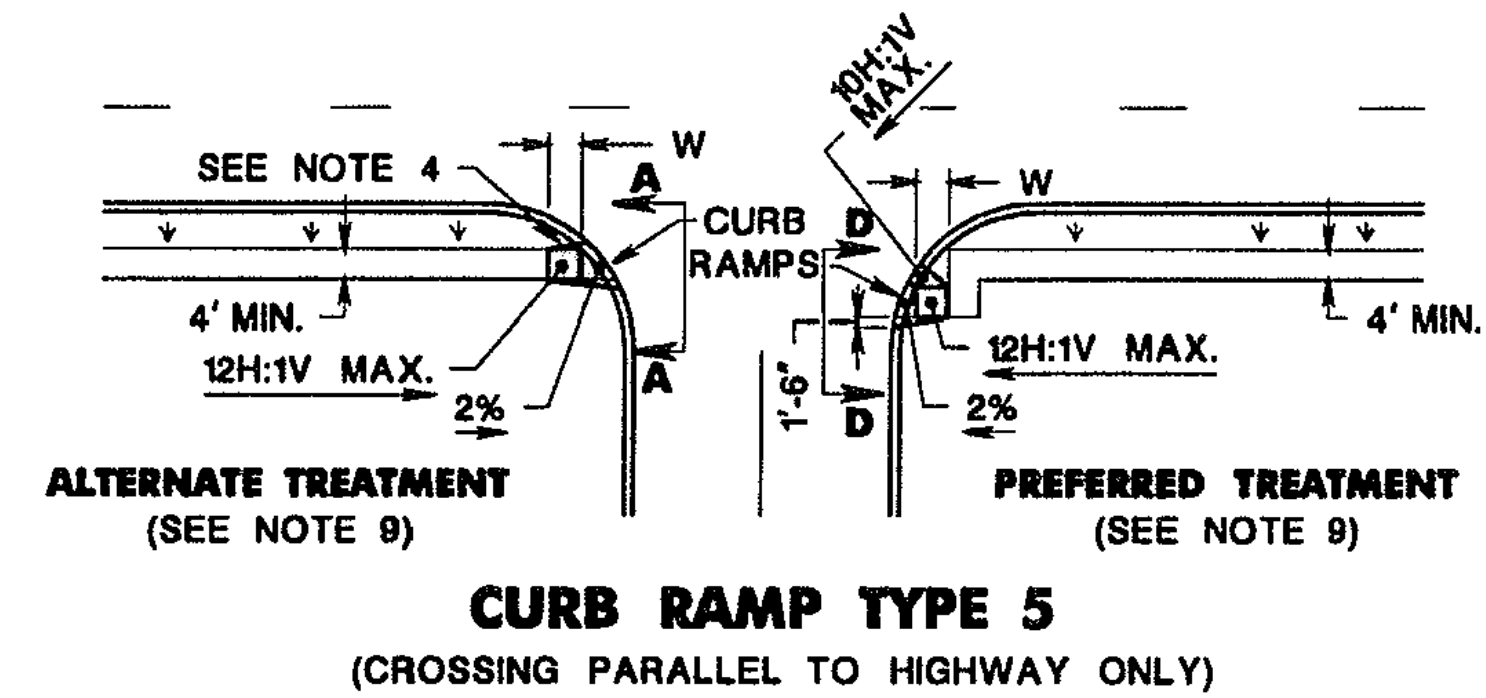


PAVEMENT MARKING "STOP"
NOT TO SCALE



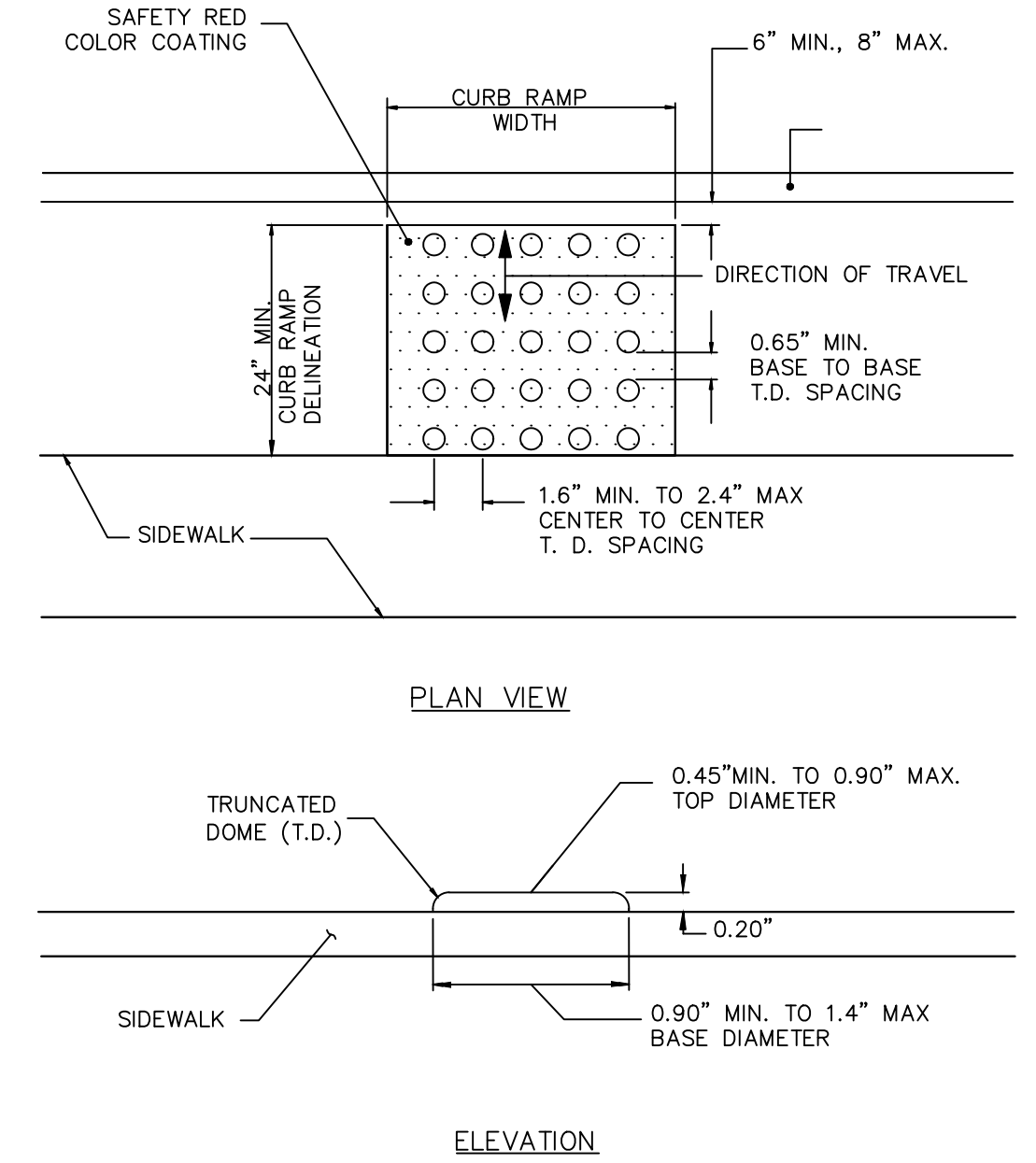
TRAFFIC SIGN DETAILS
NOT TO SCALE

SIGN NOTES
1. ALL TRAFFIC CONTROL SIGNS MUST CONFORM IN FACE DESIGN AND CONSTRUCTION TO SPECIFICATIONS FOUND IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, U.S.D.O.T., FEDERAL HIGHWAY ADMINISTRATION LAST REVISED.
SPECIFICALLY, REGULATORY AND WARNING SIGNS SHALL BE FABRICATED OF FLAT ALUMINUM SHEETS AND SHALL BE COVERED WITH TYPE X (DIAMOND GRADE CUBED) WIDE ANGLE HIGH PERFORMANCE PRISMATIC RETRO-REFLECTIVE SHEETING SERIES 4090 PER 3M OR EQUIVALENT VISUAL PERFORMANCE.



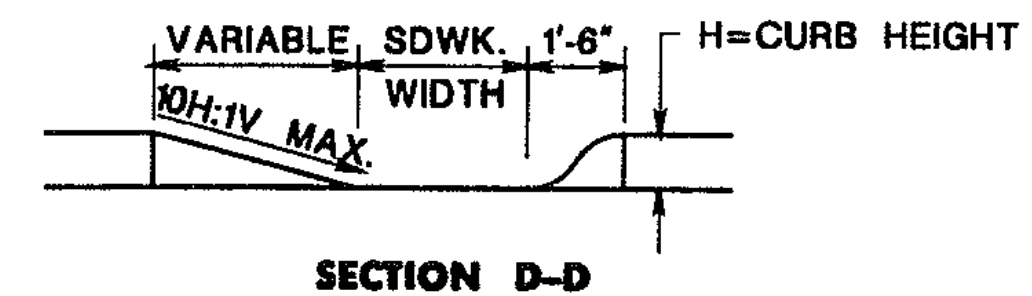
CURB RAMP TYPE 5
(CROSSING PARALLEL TO HIGHWAY ONLY)

CURB RAMP TYPE 2, 5 OR 6	
H INCHES	W FEET
3	3
4	4
5	5
6	6
7	7
8	8
9	9

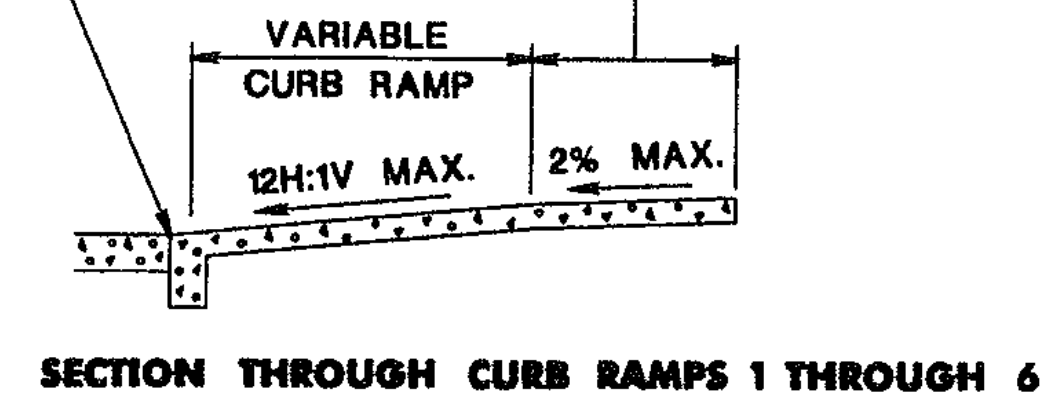


DETECTABLE WARNING SURFACE
NOT TO SCALE

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

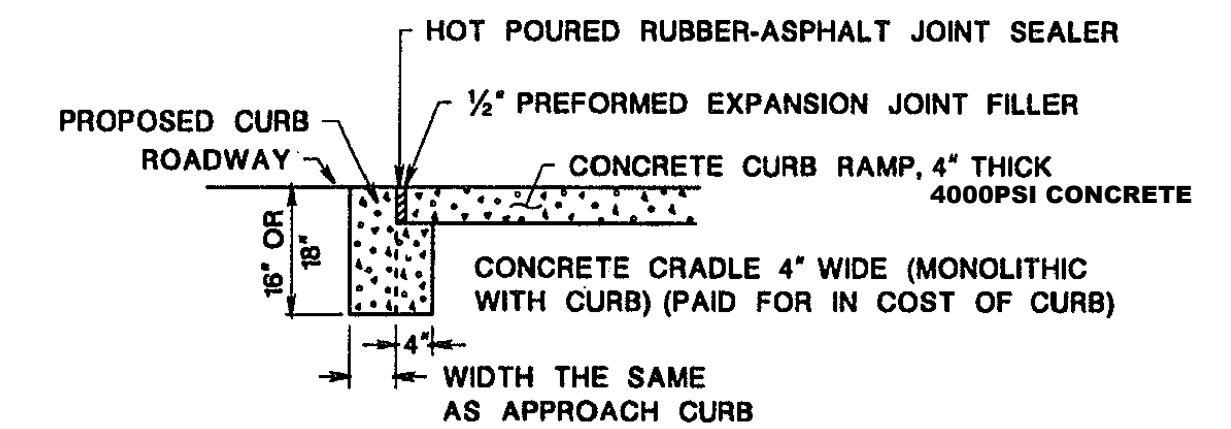


CURB TO BE FLUSH WITH ROADWAY PAVEMENT
4' MINIMUM SIDEWALK LANDING AREA WIDTH



SECTION THROUGH CURB RAMPS 1 THROUGH 6

PUBLIC SIDEWALK ACCESSIBLE RAMP DETAILS
NOT TO SCALE



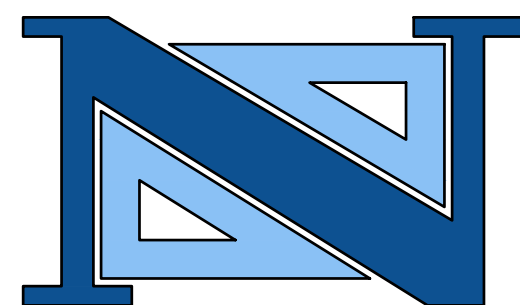
ACCESSIBLE RAMP NOTES:

- LEVEL LANDING AREA AT THE BACK OF RAMPS SHALL BE 4 FOOT BY 4 FOOT MINIMUM AND CANNOT EXCEED A 2% SLOPE IN ALL DIRECTIONS.
- PROPOSED RAMPED SECTION SHALL NOT EXCEED 1:12 MAX SLOPE.
- LANDING AREA, APPROACH SIDEWALK TRANSITIONS, AND CURB RAMP SHALL BE KEPT CLEAR OF OBSTRUCTIONS.
- CURB (DROPPED CURB) GUTTERLINE TO BE FLUSH WITH ROADWAY PAVEMENT A MINIMUM OF 4 FEET AT ALL CURB RAMPS, AND THE SLOPE AT THE GUTTER SHALL NOT EXCEED 2% IN EITHER DIRECTION AND SHALL BE GRADED/CONSTRUCTED TO DRAIN AWAY FROM THE DROPPED CURB RAMP ENTRY POINT.
- THERE CANNOT BE MORE THAN AN EXISTING 1/4" VERTICAL DISPLACEMENT (SETTLEMENT) ON THE APPROACH SLABS TO THE RAMPS, AND ANY UTILITY GRATING IN THE RAMP OR APPROACHES CANNOT EXCEED A 1/2 INCH OPENING.
- A SMART LEVEL SHALL BE USED TO CONSTRUCT EVERY RAMP TO ENSURE THE DESIGN PARAMETERS OF THE RAMP ARE MET.

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CERTIFICATE OF AUTHORIZATION (N.J.S.A. 45:8-56) 24GA27927000

REVISIONS			DRAWN	DESIGNED	CHECKED
NO.	DATE	DESCRIPTION			

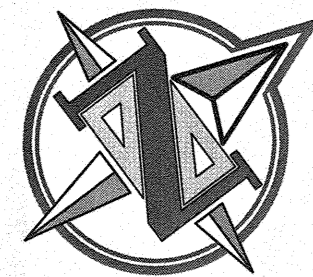


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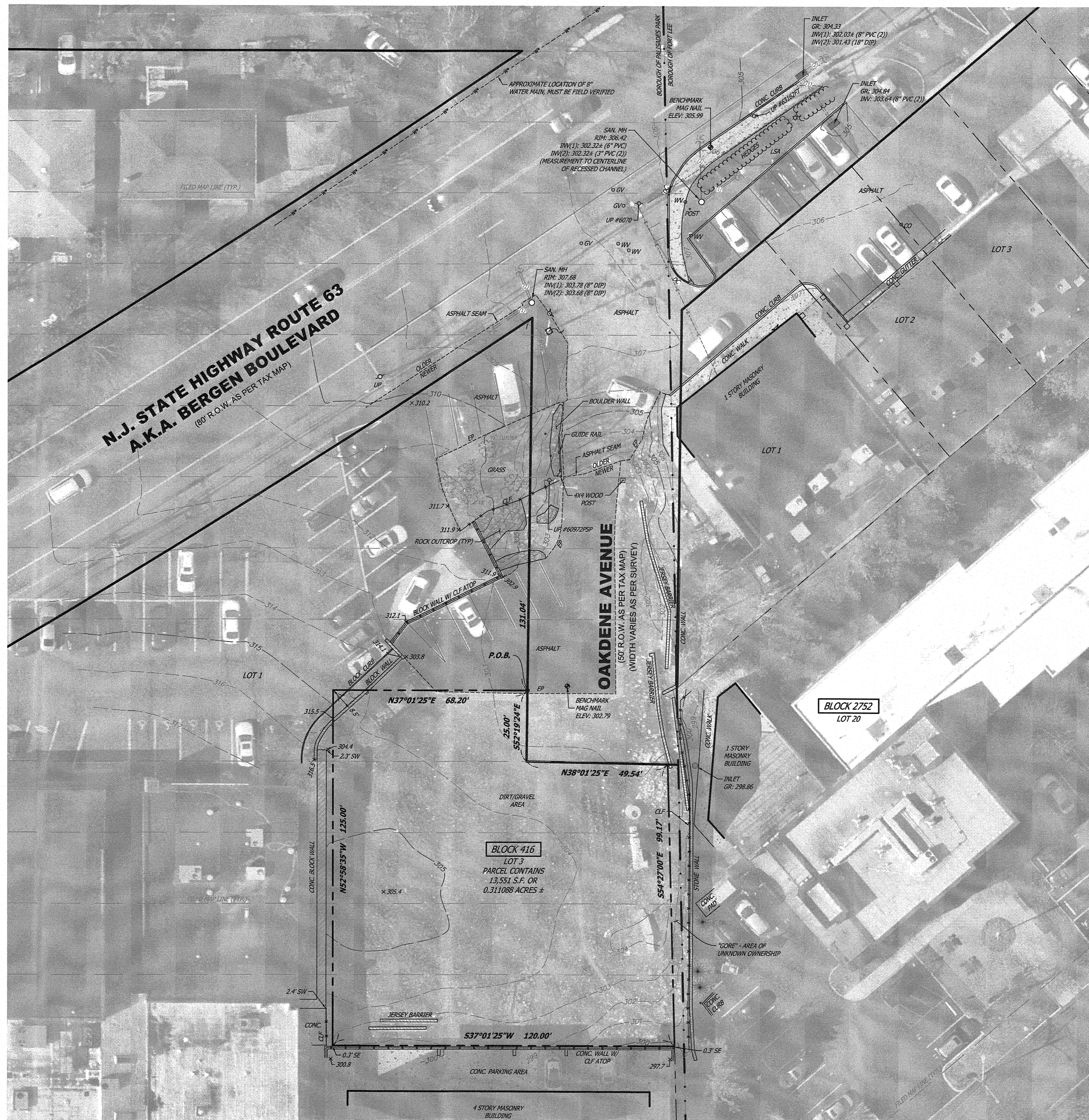
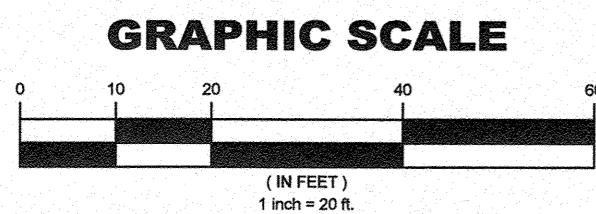
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PROFESSIONAL LAND SURVEYOR
N.J. LICENSE NO. 38604
PROFESSIONAL PLANNER
N.J. LICENSE NO. 33L00569800

CONSTRUCTION DETAILS
550 BERGEN BOULEVARD
BLOCK 416 - LOT 3
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

DRAWN BY: M.F.L.	CHECKED BY: A.K.	PROJECT NO.:	SHEET NO.:
DESIGNED BY: M.F.L.	SCALE: N.T.S.	PAPKPRV20.010	7.02
FIELD BOOK NO.:	DATE: SEPTEMBER 24, 2020		



N.J.P.C.S.



PLAN LEGEND:

	SURVEY CALL		DEED CALL
	INLETS		SIGNS
	TREES		UTILITY POLE
	SHRUB		LIGHT POLE
	ROOF DRAIN		WATER VALVE
	DEPRESSED CURB		GAS VALVE
	EDGE OF PAVEMENT		CLEAN-OUT
	MANHOLE		UNKNOWN VALVE
	FIRE HYDRANT		LANDSCAPED AREA
	HANDICAPPED SPACE		CHAIN LINK FENCE
	ELECTRIC MARKOUT		FINISHED FLOOR(SILL)
	FIBER OPTIC MARKOUT		SANITARY SEWER LINE
	GAS MARKOUT		STORM SEWER LINE
	OVERHEAD WIRES		TELEPHONE MARKOUT
	UNKNOWN CONNECTION		WATER MARKOUT
			ELECTRIC METER

NEW JERSEY CERTIFICATION:
 I CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF NEW JERSEY, AND THAT THIS MAP OR PLAN IS A RESULT OF A FIELD SURVEY MADE ON FEBRUARY 19, 2020 UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH THE RULES AND REGULATIONS PROMULGATED BY THE STATE BOARD OF ENGINEERS AND LAND SURVEYORS. I DECLARE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SHOWN HEREON CORRECTLY REPRESENTS THE CONDITIONS FOUND AT, AND AS OF THE DATE OF THE FIELD SURVEY, EXCEPT SUCH IMPROVEMENTS OR EASEMENTS, IF ANY, BELOW THE SURFACE AND NOT VISIBLE. THE PROPERTY LINES SHOWN HEREON REPRESENT, UNLESS OTHERWISE NOTED, THE LINES DESCRIBED IN THE RECORD DOCUMENTS REFERENCED HEREON.

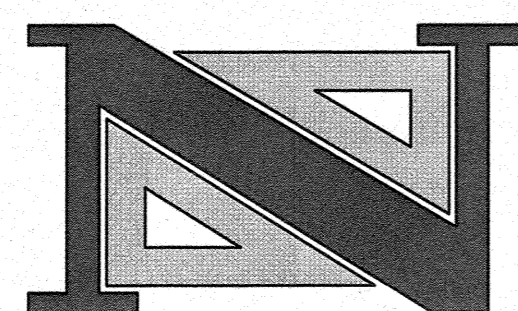
- SURVEY NOTES:**
1. THIS SURVEY IS PREPARED SPECIFICALLY FOR THE INDIVIDUAL(S) IN THE TITLE AND/OR THE CERTIFICATION. THE UNDERSIGNED WILL NOT BE RESPONSIBLE OR ASSUME ANY LIABILITY FOR THE USE OF THIS SURVEY FOR ANY OTHER PURPOSE INCLUDING, BUT NOT LIMITED TO SURVEY AFFIDAVIT, RESALE OF THE PROPERTY OR ASSIGNMENT OF THE SURVEY TO ANY PERSON NOT SO NAMED.
 2. SUBJECT TO EASEMENTS AND/OR RESTRICTIONS OF RECORD AND RIGHTS OR CLAIMS OF PARTIES IN POSSESSION OF THE SUBJECT LAND OR ADJOINING LANDS AND/OR EASEMENTS OR CLAIMS OF EASEMENTS NOT SHOWN BY THE PUBLIC RECORD.
 3. UNDERGROUND UTILITIES IF DEPICTED ARE BASED ON VISIBLE EVIDENCE. THE LACK OF UTILITY INFORMATION DOES NOT DENY THE EXISTENCE OF SAME. PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED TO VERIFY THE PRESENCE OR ABSENCE OF UTILITIES.
 4. WETLANDS ARE NOT DEPICTED. THE LACK OF WETLANDS INFORMATION DOES NOT DENY THE EXISTENCE OF SAME. SITE REVIEW AND DELINEATION BY A QUALIFIED PROFESSIONAL IS REQUIRED TO VERIFY THE PRESENCE OR ABSENCE OF WETLANDS.
 5. TOXIC WASTES ARE NOT DEPICTED. THE LACK OF TOXIC WASTE INFORMATION DOES NOT DENY THE EXISTENCE OF SAME. SITE REVIEW FOR THE SAME SHOULD BE PURSUED AND APART FROM THIS SURVEY.
 6. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH. IT IS SUBJECT TO FACTS THAT A TITLE SEARCH MAY DISCLOSE.
 7. A WRITTEN WAIVER AND DIRECTION NOT TO SET CORNER MARKERS HAS BEEN OBTAINED FROM THE ULTIMATE USER PURSUANT TO P.L. 2003, C.14 (N.J.S.A. 45:8-36.3) AND N.J.A.C. 13:40-5.1(D).
 8. FENCES & WALLS HAVE BEEN LOCATED AT THE BOTTOM OF THE STRUCTURE, AT THE TIME OF FIELD SURVEY.
 9. THE MERIDIAN OF THIS SURVEY IS BASED ON THE NEW JERSEY PLANE COORDINATE SYSTEM NAD83(2011) AS ESTABLISHED USING GPS METHODS AND THE SMARTNET NETWORK.
 10. ELEVATIONS SHOWN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929(NGVD29) AS ESTABLISHED USING GPS METHODS AND THE SMARTNET NETWORK.

- REFERENCES:**
1. LOT AND BLOCK NUMBERS SHOWN HEREON REFER TO THE BOROUGH OF PALISADES PARK TAX MAP SHEET NO. 4 & BOROUGH OF FORT LEE TAX MAP SHEET NO. 27.
 2. AERIAL IMAGE DATED MARCH 5, 2020 OBTAINED FROM NEARMAP US INC.
 3. MAP ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY, 550 BERGEN BOULEVARD, LOT 3 BLOCK 416, BOROUGH OF PALISADES PARK, BERGEN COUNTY, NEW JERSEY" DATED AUGUST 10, 2011 & LAST REVISED ON OCTOBER 7, 2011 AND PREPARED BY NEGLIA ENGINEERING ASSOCIATES.

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REVISIONS		NO.	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED



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 PROFESSIONAL LAND SURVEYOR N.J. LICENSE NO. 38604
 PROFESSIONAL PLANNER N.J. LICENSE NO. 33LI00569600

BOUNDARY & TOPOGRAPHIC SURVEY
550 BERGEN BOULEVARD
LOT 3 BLOCK 416
BOROUGH OF PALISADES PARK
BERGEN COUNTY
NEW JERSEY

DESIGNED BY: J.W.C., D.A.C. CHECKED BY: G.A.V. PROJECT NO: PAKPRV20.010 SHEET NO: 1 OF 1
 SCALE: 1" = 20' DATE: SEPTEMBER 2, 2020
 FIELD BOOK NO: PAGE

v:\municipal\palisades park\pakprv20.010 (550 bergan boulevard, b 416, 11)\drawings\pakprv20.010-4.dwg