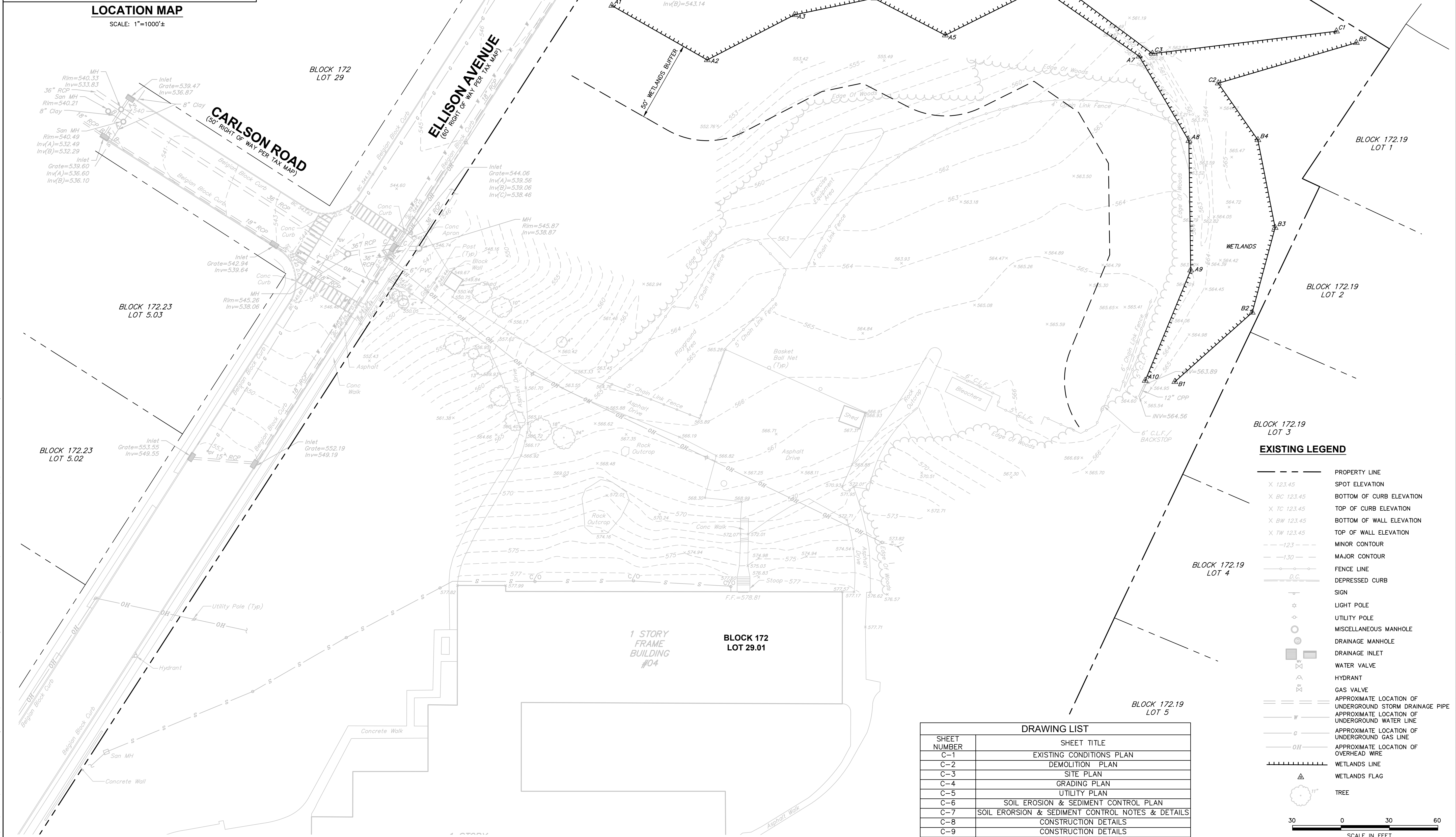




GENERAL NOTES:

1. TOPOGRAPHIC INFORMATION SHOWN HEREON WAS TAKEN FROM A PLAN ENTITLED "SPATIAL TOPOGRAPHIC SURVEY PREPARED FOR MOUNT PLEASANT ELEMENTARY SCHOOL, 1000 N. BERRY ST. LOT 272 SITUATED IN THE TOWNSHIP OF WEST GRANGE, ESSEX COUNTY, NEW JERSEY," PREPARED BY FRENCH & PARRELO ASSOCIATES DATED 01/03/2025.
2. THE HORIZONTAL DATUM AND VERTICAL DATUMS ARE BASED ON GPS OBSERVATIONS AND ARE RELATIVE TO NAD83/NAVD88 ADJUSTMENT.
3. BOUNDARY & RIGHT OF WAY LINES SHOWN HEREON ARE BASED ON TAX MAP & COUNTY GIS AND ARE APPROXIMATE.
4. ANY UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON ABOVE GROUND OBSERVATIONS, UTILITY MARKINGS FOUND IN THE FIELD AND/OR INFORMATION FROM THE CITY OF WEST GRANGE. NO PHYSICIAN LOCATIONS OF THE UNDERGROUND FACILITIES HAVE BEEN MADE BY THE UNDERSIGNED, NO GUARANTEE IS BEING MADE FOR THEIR COMPLETENESS OR ACCURACY.
5. THE UNDERSIGNED PROFESSIONAL ENGINEER IS NOT QUALIFIED TO MAKE ANY DETERMINATION AS TO THE EXISTENCE OR NON-EXISTENCE OF HAZARDOUS MATERIALS. THEREFORE, NO STATEMENT IS BEING MADE OR IMPLIED HEREON, NOR SHOULD IT BE ASSUMED OR CONSTRUED THAT ANY STATEMENT IS BEING MADE OR IMPLIED AS TO THE FACTS OF THIS MATTER.
6. THE CLIENT PORTRAYED HEREON, THE CLIENT SHOULD PURSUE THESE MATTERS SEPARATE AND APART FROM THIS SURVEY.
7. WETLANDS DELINEATED BY REPRESENTATIVES OF FRENCH & PARRELO ASSOCIATES IN JANUARY OF 2025. WETLANDS BUFFER IS BASED UPON REVIEW BY A WETLANDS EXPERT & IS NOT BASED UPON A LOI.



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ALLISON SROKA, AIA	NJ #	21AIO2087600
RODERICK WATKINS, AIA	NJ #	21AIO1625700

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EPA

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NEW MODULAR BUILDING AT:
MT. PLEASANT
ELEMENTARY
SCHOOL
BLOCK 172 LOT 29.01
9 MANGER RD.
WEST ORANGE, NEW JERSEY 07052



WEST ORANGE, NEW JERSEY 07052

CIVIL EXISTING CONDITIONS PLAN

REV.	DATE:	DRN	CHK	
	04/09/2025	SKW	DFK	ISSUED FOR PERMIT
	04/11/2025	SKW	DFK	PER SCD COMMENTS
	05/27/2025	SKW	DFK	PER TOWN ENGINEER

STATE PROJECT NO.
5680-110-13-5680

PROJECT NO.
4418

SHEET NO.
C-1



1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF THE EXISTING BUILDING, STRUCTURES, FOUNDATIONS, RAMPS, TREES, VEGETATION, DRIVEWAYS, SIDEWALKS, LOW-GRADE UTILITIES, HAZARDOUS MATERIALS, STEPS, WALLS, SIDEWALKS, MISCELLANEOUS DEBRIS, AND ALL OTHER MATERIALS AND ITEMS LOCATED WITHIN THE DEMOLITION LIMITS. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO ALL MECHANICAL, ELECTRICAL AND PLUMBING ITEMS BELOW AND WITHIN THE EXISTING STRUCTURES.
2. EXISTING IMPROVEMENTS, LOCATED OUTSIDE THE LIMITS OF DEMOLITION, INCLUDING DRIVEWAYS, TREES, SITE AMENITIES, ETC. SHALL BE PROTECTED BY THE CONTRACTOR. THE UTILITY SERVICES TO THE BUILDINGS MUST BE DISCONNECTED. THE UTILITIES FOR THE BUILDING TO BE DEMOLISHED SHALL BE REMOVED BY THE CONTRACTOR. SIDEWALKS, CURBS, ROADWAY IMPROVEMENTS AND ALL OTHER ADJACENT IMPROVEMENTS DISTURBED BY THESE OPERATIONS MUST BE RESTORED AND/OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.
3. ALL THE MATERIALS RESULTING FROM THE DEMOLITION OF THE STRUCTURES INCLUDING CONCRETE AND MASONRY WILL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS REGARDING THE REMOVAL, ABATEMENT AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL AND LEAD BASED PAINT CONTAINING MATERIAL.
5. ADJACENT EXISTING IMPROVEMENTS LOCATED WITHIN THE PROPERTY OR RIGHT-OF-WAY, INCLUDING DRIVEWAYS AND SIDEWALKS SHALL BE PROTECTED BY THE CONTRACTOR.
6. UTILITIES, SIDEWALKS, CURBS AND ROADWAY IMPROVEMENTS DISTURBED OR DAMAGED BY THE CONTRACTORS OPERATIONS MUST BE RESTORED AND/OR REPLACED TO THE SATISFACTION OF THE COUNTY ENGINEER BY THE CONTRACTOR.

1. CONTRACTOR IS RESPONSIBLE TO CONTACT, APPLY, COORDINATE AND SCHEDULE WITH PSE&G FOR DISCONNECTION OF THE ELECTRIC SERVICE TO THE BUILDING. CONTRACTOR MUST CALL 1-800-472-0256 TO REQUEST DISCONNECTION OF EXISTING ELECTRICAL SERVICE.
2. IF ANY UTILITY FACILITIES, INCLUDING DISTRIBUTION MAINS OR SERVICES FOR ADJACENT FACILITIES, ARE DISRUPTED OR DAMAGED DURING THE CONSTRUCTION WORK ASSOCIATED WITH THIS PROJECT, THE CONTRACTOR IS RESPONSIBLE FOR RESTORING THE UTILITY FACILITIES AT NO ADDITIONAL EXPENSE TO THE OWNER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS INCURRED TO REMOVE OR TEMPORARILY SUPPORT ANY UTILITY POLE AND/OR GUY ANCHORS THAT MAY BE IN CONFLICT WITH HIS ACTIVITIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION, INSTALLATION AND SUPPLY OF ANY UTILITY SERVICE REQUIRED FOR THIS PROJECT, INCLUDING TEMPORARY POWER, WATER, SANITARY AND TELEPHONE SERVICE. COSTS FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THIS PROJECT.

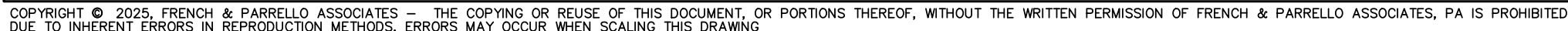
1. THE CONTRACTOR IS RESPONSIBLE TO INSURE THE SAFE, ORDERLY AND EXPEDITIOUS CIRCULATION OF VEHICULAR AND PEDESTRIAN TRAFFIC FLOW AT ALL TIMES.
2. WATCHMEN AND FLAGMEN SHALL BE EMPLOYED BY THE CONTRACTOR FOR THE PROTECTION OF ANY EQUIPMENT ENTERING, LEAVING OR CROSSING ACTIVE TRAFFIC LANES, OR AS MAY BE REQUIRED FOR ROUTING OF ANY TRAFFIC AROUND OR THROUGH THE CONSTRUCTION. WATCHMEN AND FLAGMEN WILL BE EMPLOYED BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. BEFORE BEGINNING WORK ON ANY STAGE OF THE PROJECT, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL WARNING SIGNS, BARRICADES, TRAFFIC GUIDES, LIGHTS, SAFETY CONES AND OTHER DEVICES AS NECESSARY TO PROTECT THE PUBLIC DURING THAT PHASE OF HIS OPERATIONS.
4. ALL NECESSARY REGULATORY AND WARNING SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS LAST REVISED AND SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.

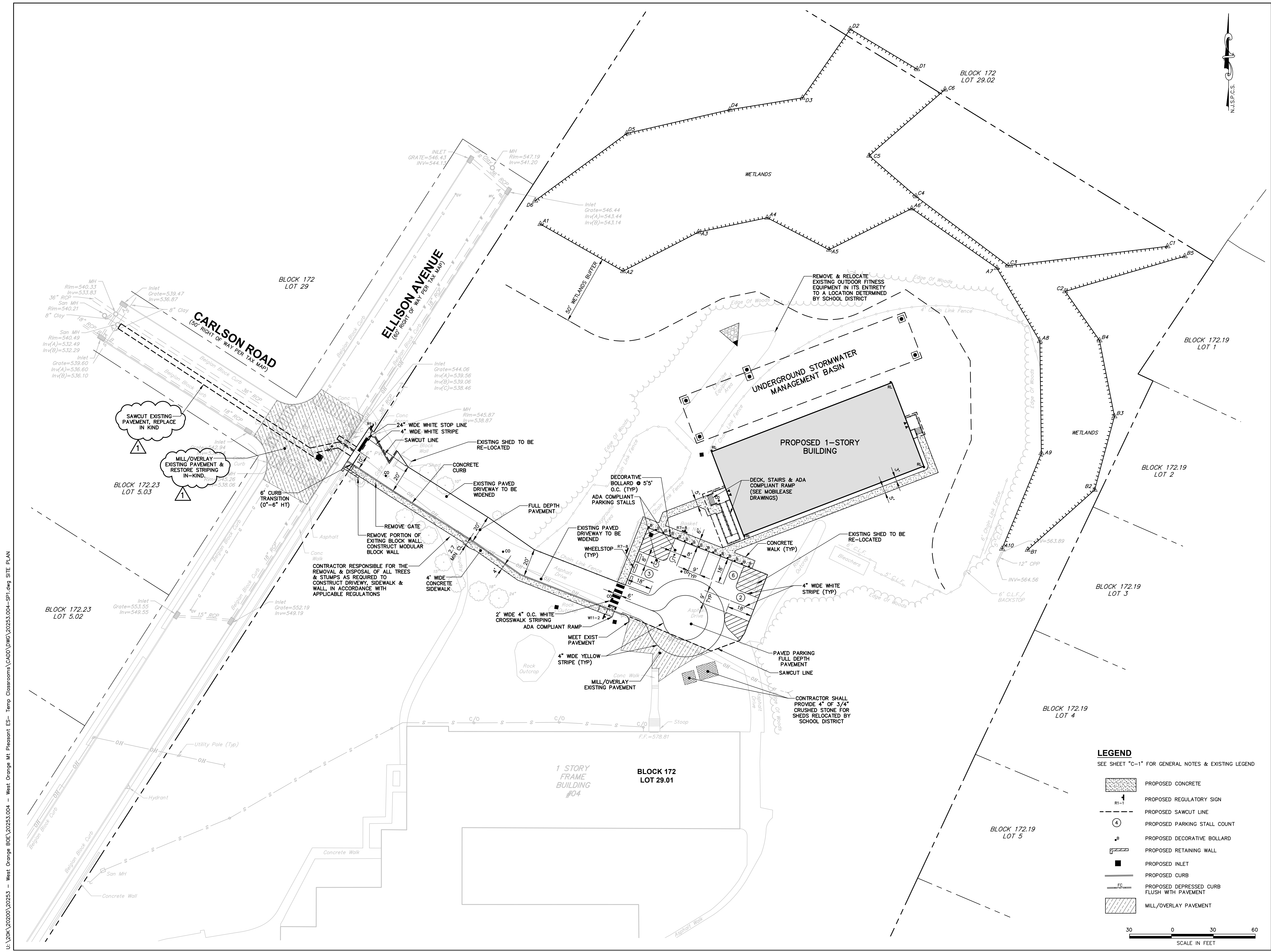
1. THE CONTRACTOR SHALL PROCURE AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT HIS WORK IN FULL ACCORDANCE WITH ALL CITY ORDINANCES, ORDINANCES OF THE BOARD OF SUPERVISORS, ORDINANCES OF THE COUNTY BOARD OF SUPERVISORS, ORDINANCES OF THE STATE OF CALIFORNIA, AND ALL FEDERAL, STATE AND LOCAL LAWS AND ALL CODES, RULES AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AGENCIES, AGENCIES OF THE STATE OF CALIFORNIA, AGENCIES OF THE COUNTY OF SAN JOAQUIN, OR THE ACTIONS OF THOSE EMPLOYED IN WORK OF THIS KIND. ALL WORK, LABOR OR MATERIAL NECESSARY TO COMPLY WITH THESE LAWS, CODES, RULES AND REGULATIONS SHALL BE PROVIDED BY THE CONTRACTOR.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING, FERTILIZING, SEEDING AND MULCHING ALL AREAS DISTURBED BY HIS ACTIVITIES WITHIN THE LIMITS OF THE PROJECT SITE, ROAD PAVEMENT REPLACEMENT AND ALL OTHER DISTURBED AREAS. ALL WORK WITHIN RIGHT-OF-WAY SHALL MEET THE REQUIREMENTS OF THE TOWNSHIP ENGINEER.

PROPOSED SAWCUT LINE

PROJECT NO. 4418	SHEET NO. C-2
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U:\20K\2025\20253 - West Orange BOC\20253.004 - West Orange Mt. Pleasant ES - Temp Classrooms\CADD\DWG\20253.004-SPT.dwg SITE PLAN

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RODERICK WATKINS, AIA NJ # 21A01625700

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SCHOOL
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WEST ORANGE, NEW JERSEY 07052

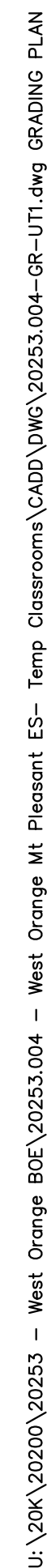
CIVIL
SITE PLAN

REV.	DATE:	DRN	CHK
	04/09/2025	SKW	DFK
	04/11/2025	SKW	DFK
	05/27/2025	SKW	DFK

STATE PROJECT NO.
5680-110-13-5680

PROJECT NO.
4418

SHEET NO.
C-3



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CIVIL
GRADING PLAN[illegible]

STATE PROJECT NO.
5680-110-13-5680

PROJECT NO.

4418

SHEET NO

C-4

LEGEND

SEE SHEET "C-1" FOR GENERAL NOTES & EXISTING LEGEND

566 PROPOSED CONTOUR

566.67 PROPOSED SPOT ELEVATION

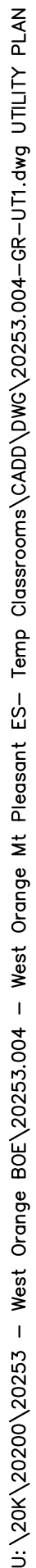
 PROPOSED SURFACE FLOW

PROPOSED WATER VALVE

PROPOSED CLEAN OUT

30 0 30 60
SCALE IN FEET

1. ALL UTILITIES ARE TO BE LOCATED UNDERGROUND. FINAL LOCATION OF ELECTRIC & TELEPHONE TO BE COORDINATED WITH THE APPROPRIATE UTILITY PRIOR TO CONSTRUCTION. SEE ELECTRICAL PLANS.
2. THE CONTRACTOR SHALL MAINTAIN AT LEAST 5' HORIZONTAL SEPARATION BETWEEN SEWER LATERAL AND WATER SERVICE WHERE VERTICAL SEPARATION IS LESS THAN 18". THE CONTRACTOR SHALL MAINTAIN AT LEAST 10' HORIZONTAL SEPARATION BETWEEN SEWER AND WATER MAINS WHERE VERTICAL SEPARATION IS LESS THAN 18".
3. WATER SERVICE, FITTINGS, AND VALVES SHALL BE CEMENT LINED DIP, CLASS 52, 350 PSI PRESSURE RATING, AS SPECIFIED, UNLESS OTHERWISE NOTED ON THE PLANS.
4. ALL PRESSURE PIPE (WATER SERVICE) FITTINGS SHALL BE PROPERLY RESTRAINED.
5. ALL WATER PIPES TO BE CONSTRUCTED WITH 4" MINIMUM OF COVER OVER PIPE.
6. STORM SEWER SHALL BE HDPE WITH GASKETED JOINTS UNLESS INDICATED OTHERWISE.
7. CONTRACTOR TO VERIFY THE EXACT HORIZONTAL & VERTICAL LOCATION OF THE WATER MAIN & SANITARY SEWER PRIOR TO CONSTRUCTION
8. CONTRACTOR SHALL CONTACT THE WATER UTILITY 72 HOURS PRIOR TO CONSTRUCTION TO DETERMINE THE EXACT LOCATION AND DEPTH OF THE WATER MAIN.
9. THE WATER UTILITY SHALL BE CONTACTED PRIOR TO THE OPERATION OF WATER VALVES ON THE EXISTING WATER MAIN.
10. THE EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN IS BASED UPON A BEST EFFORT TO REPRESENT ACTUAL CONDITIONS AND MAY NOT SHOW ALL EXISTING UTILITIES PRESENT. UTILITIES SHOWN ARE EXISTING VISIBLE AND SELECT UNDERGROUND UTILITIES. BASED UPON FIELD LOCATION, FIELD OBSERVATION, AND RECORD INFORMATION. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
11. ALL SANITARY SEWER LATERALS SHALL BE 4" SCHEDULE 40 PVC. ALL SANITARY LATERALS TO SLOPE AT MINIMUM OF 1/8" PER 1'-0".
12. WHERE PVC OR PLASTIC PIPE IS INSTALLED, METALLIC LOCATION TAPE SHALL BE INSTALLED ADJACENT TO PIPE.



N.J.S.P.C.S.



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CIVIL
UTILITY PLAN[illegible]

STATE PROJECT NO.
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PROJECT NO.
4418

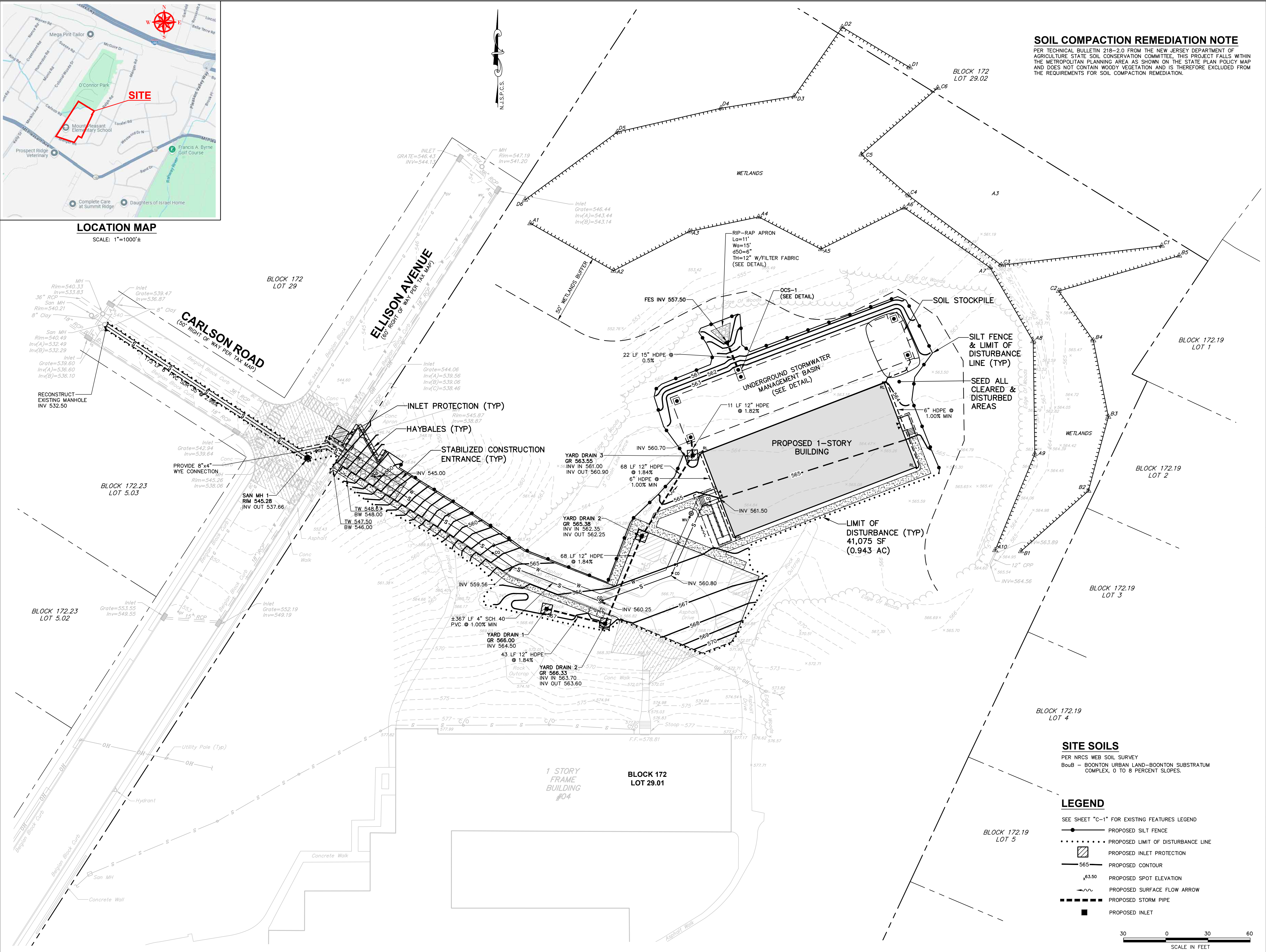
SHEET NO.
C-5

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LOCATION MAP

SCALE: 1"=1000'±



SOIL COMPACTION REMEDIATION NOTE

PER TECHNICAL BULLETIN 218-2.0 FROM THE NEW JERSEY DEPARTMENT OF AGRICULTURE STATE SOIL CONSERVATION COMMITTEE, THIS PROJECT FALLS WITHIN THE METROPOLITAN PLANNING AREA AS SHOWN ON THE STATE PLAN POLICY MAP AND DOES NOT CONTAIN WOODY VEGETATION AND IS THEREFORE EXCLUDED FROM THE REQUIREMENTS FOR SOIL COMPACTION REMEDIATION.



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WEST ORANGE, NEW JERSEY 07052

CIVIL
SOIL EROSION
& SEDIMENT
CONTROL PLAN

REV.	DATE:	DRN	CHK	
	04/09/2025	SKW	DFK	ISSUED FOR PERMIT
	04/11/2025	SKW	DFK	PER SCD COMMENTS
	05/27/2025	SKW	DFK	PER TOWN ENGINEER

STATE PROJECT NO.
5680-110-13-5680

PROJECT NO.

4418

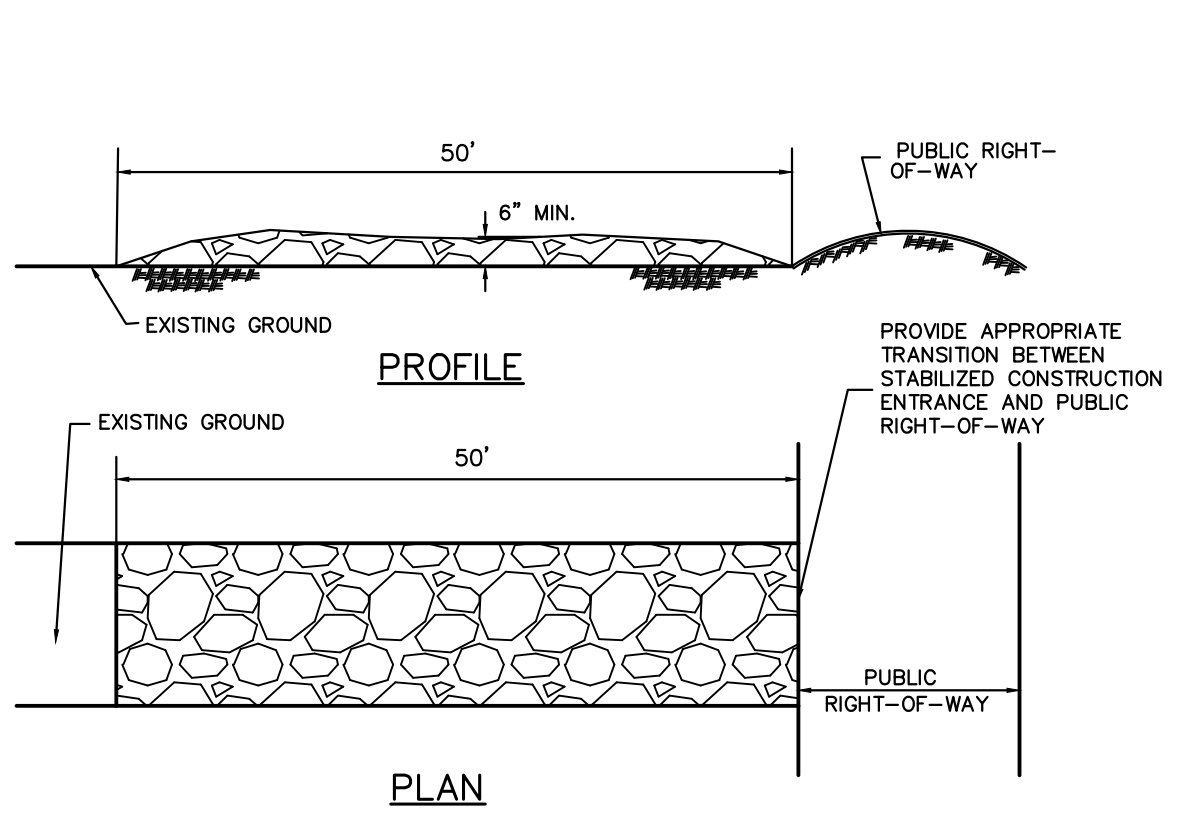
SHEET NO.

C-6

U:\20K\2025\20253 - West Orange BOC\20253.004 - West Orange Mt. Pleasant ES - Temp Classroom\CAD\DWG\20253.004-SCSI.dwg SOIL EROSION CONTROL PLAN

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U:\20K\2025\20253.004 - West Orange BOC\20253.004 - West Orange Mt. Pleasant ES - Temp Classrooms\CADD\DWG\20253.004-SCSI.dwg EROSION CONTROL NOTES & DETAILS



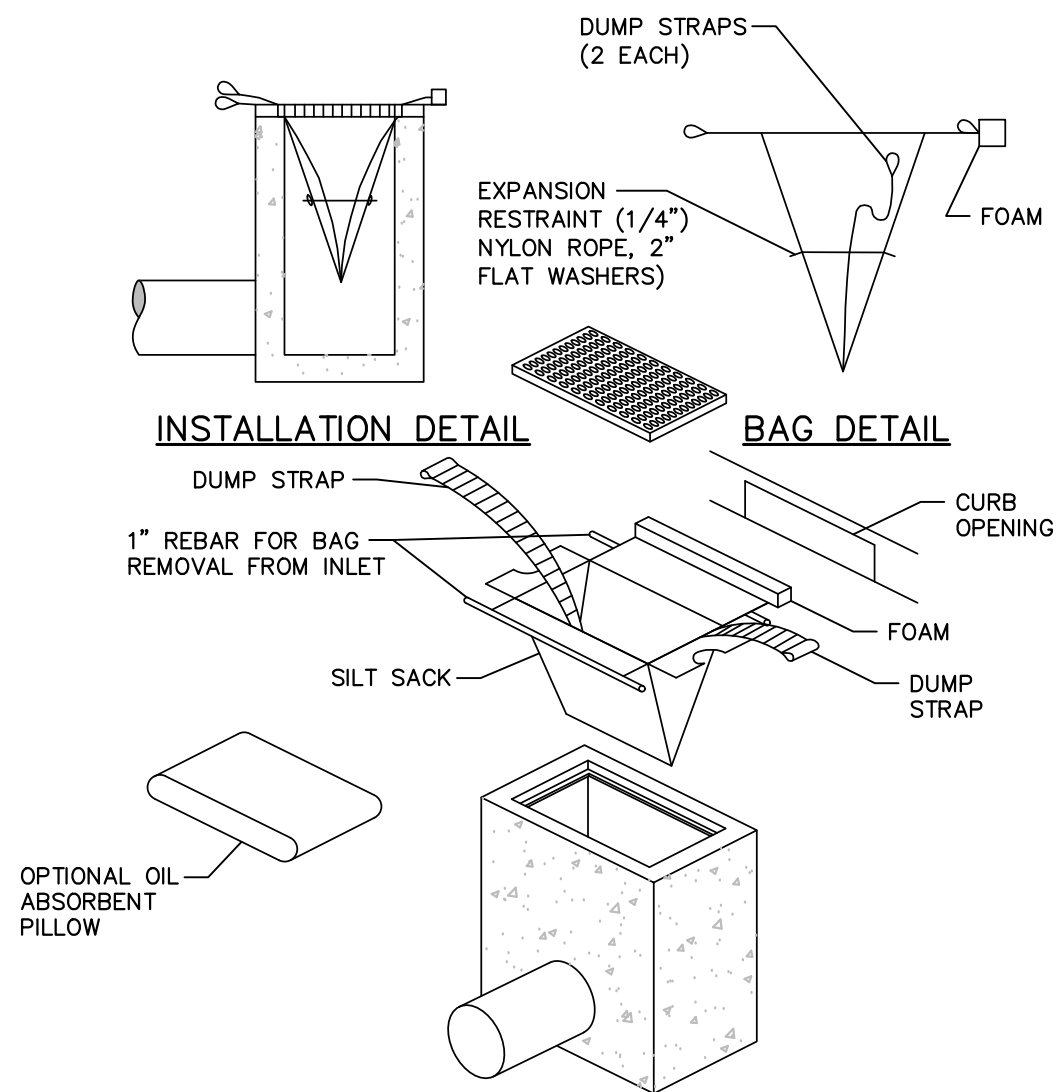
PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COURSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FEET	100 FEET
2% TO 5%	100 FEET	200 FEET
> 5%	ENTIRE SURFACE STABILIZED WITH FABC BASE COURSE AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNING AUTHORITY	

CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE ASTM C-33, SIZE NO. 2 OR 3. USE CLEAN CRUSHED ANGULAR STONES
- LENGTH - 50 FEET MINIMUM WHERE SOILS ARE COURSE GRAINED (SAND OR GRAVEL), OR 100 FEET MINIMUM WHERE SOILS ARE FINE GRAINED (CLAYS OR SILTS)
- THICKNESS - NOT LESS THAN 6 INCHES.
- WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
- WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAIN INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATER COURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHODS.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- AT POORLY DRAINED LOCATIONS, SUBSURFACE DRAINAGE SHALL BE INSTALLED BEFORE INSTALLATION.

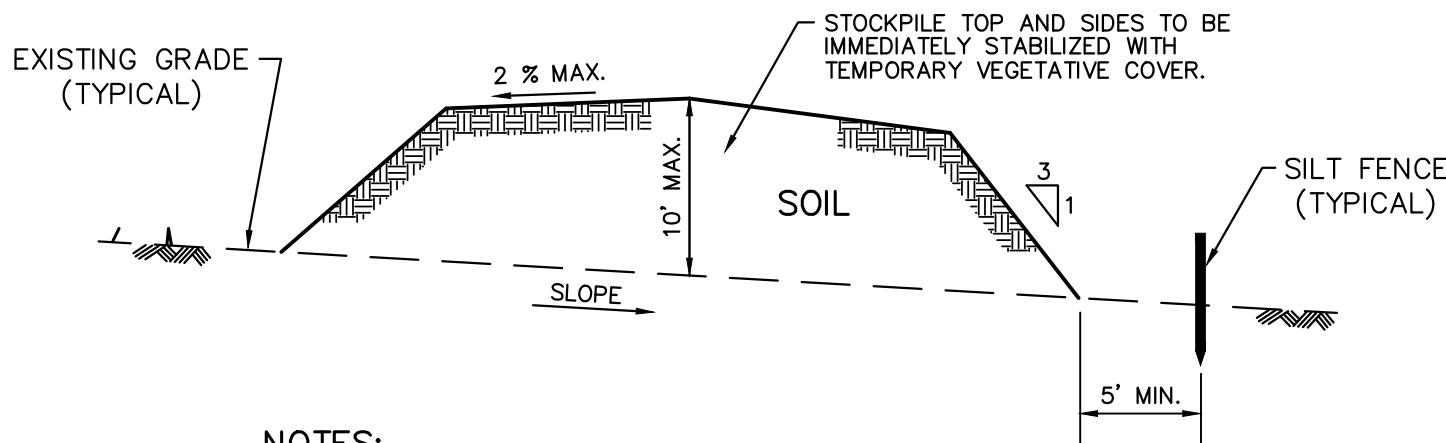
STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



INLET PROTECTION SEDIMENT FILTER BAG

NOT TO SCALE

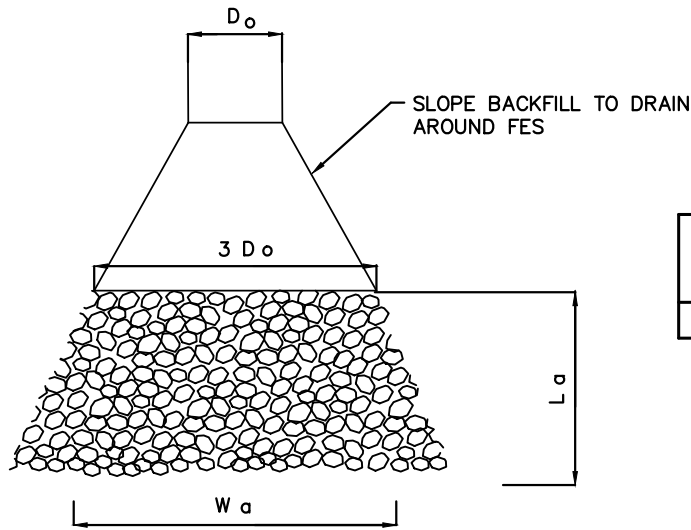


NOTES:

- TOPSOIL STOCKPILES TO BE PLACED AS DETERMINED IN THE FIELD.
- STOCKPILE NOT TO BE PLACED IN AREA WITH CONCENTRATED FLOW, WETLANDS, EXTREME SLOPE OR WITHIN 100' OF A NATURAL STREAM.

TEMPORARY SOIL STOCKPILE

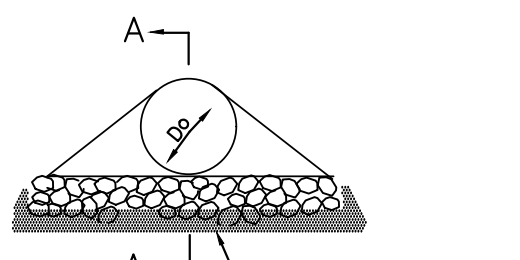
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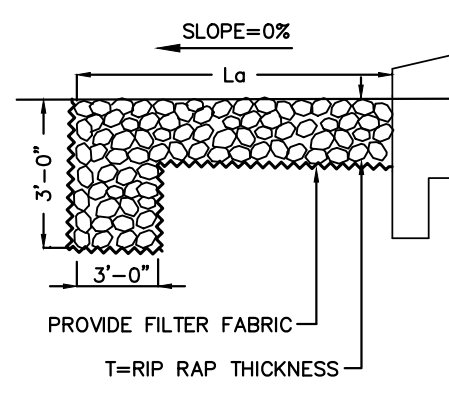
OUTLET NO.	La (FT.)	Wa (FT.)	d ₅₀ (IN.)	T with Filter Fabric (IN.)	T w/out Filter Fabric (IN.)	Do (IN.)
FES 1	11"	15"	6"	12"	18"	15"

RIP RAP SCHEDULE

PLAN VIEW



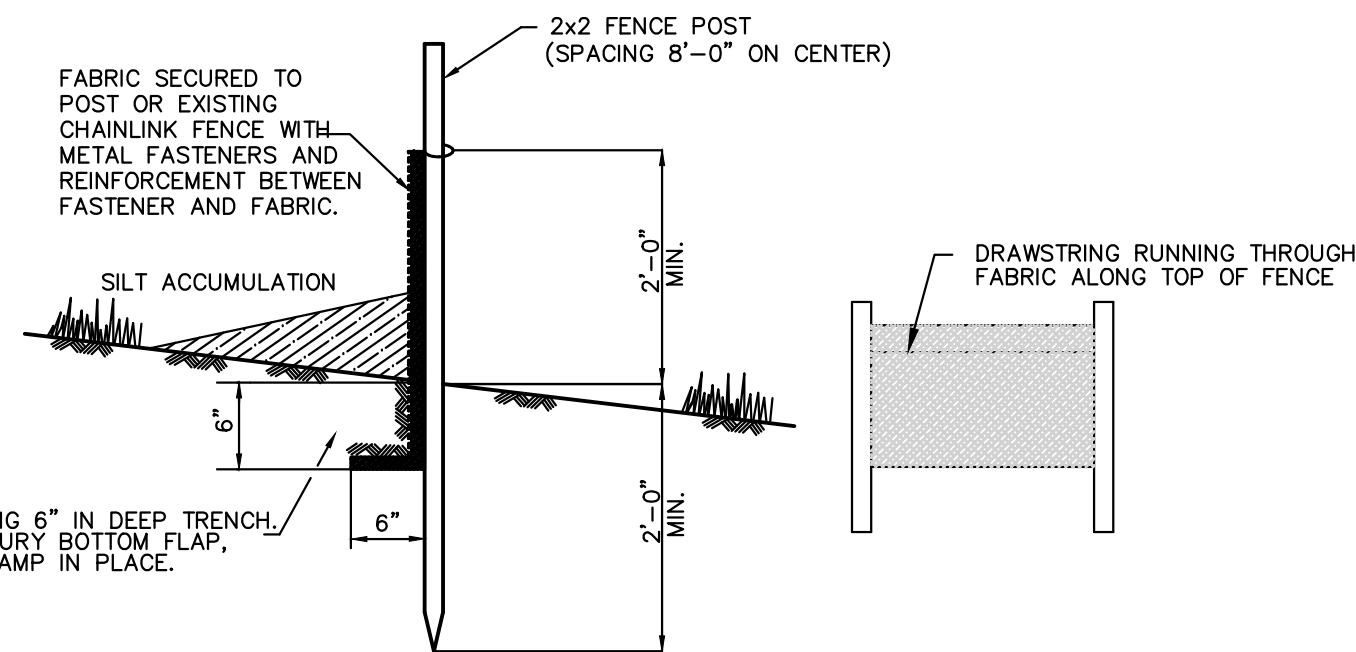
ELEVATION



SECTION A-A

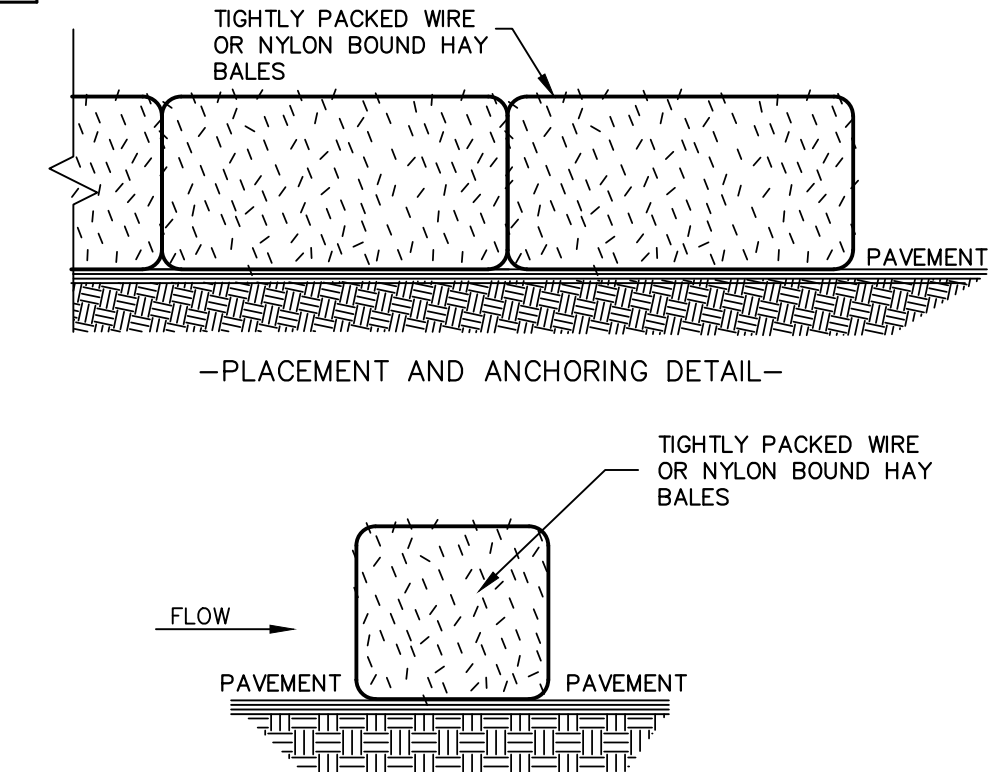
CONDUIT OUTLET PROTECTION DETAIL

NOT TO SCALE



SILT FENCE

N.T.S.



HAY BALE SEDIMENT BARRIERS

N.T.S.

DUST CONTROL NOTES

STANDARD FOR DUST CONTROL
Definition
The control of dust on construction sites and roads.
Purpose
To prevent blowing and movement of dust from exposed soil surfaces, reduced on-site and off-site damage and health hazards and improve traffic safety.
Condition Where Practice Applies
This practice is applicable to areas subject to dust blowing and movement where on-site and off-site damage is likely without treatment. Consult with local municipal ordinances on any restrictions.
Water Quality Enhancement
Sediments deposited as "dust" are often fine colloidal material which is extremely difficult to remove from water once it becomes suspended. Use of this standard will help to control the generation of dust from construction sites and subsequent blowing and deposition into local surface water resources.
Planning Criteria
The following methods should be considered for controlling dust:
Mulches - See Standard of Stabilization with Mulches Only, pg. 5-1
Vegetative Cover - See Standard for: Temporary Vegetative Cover, pg. 7-1; Permanent Vegetative Cover for Soil Stabilization pg. 4-1 and Permanent Stabilization with Sod, pg. 6-1
Spray-On Adhesives - On mineral soils (not effective on muck soils). Keep traffic off these areas.

Table 16-1. Dust Control Materials

MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/ACRE
Anionic asphalt emulsion	7:1	Coarse Spray	1200
Latex emulsion	12.5:1	Fine Spray	235
Resin in water	4:1	Fine Spray	300
Polyacrylamide (PAM) - spray on	Apply according to manufacturer's instructions. May also be used as an additive to sediment basins to flocculate and precipitate suspended colloids. See Sediment Basin standard, p. 26-1		
Polyacrylamide (PAM) - dry spread	None	Coarse Spray	1200
Acidulated Soy Bean Soap Stick	None	Coarse Spray	1200

Tillage - To roughen surface and bring clods to the surface. This is a temporary emergency measure which should be used before soil blowing starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart and spring-toothed harrows are examples of equipment which may produce the desired effect.

Sprinkling - Site is sprinkled until the surface is wet.

Barriers - Solid board fences, snow fences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and soil blowing.

Calcium Chloride - Shall be in the form of loose, dry granules or flakes fine enough to feed through commonly used spreaders at a rate that will keep surface moist but not cause pollution or plant damage. If used on steeper slopes, then use other practices to prevent washing into streams or accumulation around plants.

Stone - Cover surface with crushed stone or coarse gravel.

SOIL EROSION AND SEDIMENT CONTROL NOTES

(HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT)

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN WILL BE CONSTRUCTED IN ACCORDANCE WITH THE "NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL" 7TH EDITION LAST REVISED JANUARY 2017 EFFECTIVE DECEMBER 2017. THESE MEASURES WILL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- ALL SOIL TO BE EXPOSED OR STOCKPILED FOR A PERIOD OF GREATER THAN 14 DAYS, AND NOT UNDER ACTIVE CONSTRUCTION, MAY BE REQUIRED TO BE TEMPORARILY MULCHED, AND SEEDED OR OTHERWISE PROVIDED WITH VEGETATIVE COVER AS PER APPENDIX A3. THIS TEMPORARY COVER SHALL BE MAINTAINED UNTIL SUCH TIME WHEREBY PERMANENT RESTABILIZATION IS ESTABLISHED.
- SEEDING DATES.** THE FOLLOWING SEEDING DATES ARE BEST RECOMMENDED TO ESTABLISH PERMANENT VEGETATIVE COVER WITHIN MOST LOCATIONS IN THE HEPSCD: SPRING - 3/1-5/15 AND FALL - 8/15 - 10/1
- SEDIMENT FENCES ARE TO BE PROPERLY TRENCHED AND MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED
- ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY ONE OF THE PRACTICES ACCEPTED IN THE STANDARDS, AND PROTECTION SHALL REMAIN UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED. STORM DRAINAGE OUTLET POINTS SHALL BE PROTECTED AS REQUIRED BEFORE THEY BECOME FUNCTIONAL.
- MULCH MATERIALS SHALL BE UN-ROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 70 TO 90 POUNDS PER 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NETTING TIE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ALL EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED, MAINTAINED AND CORRECTED BY THE CONTRACTOR. ANY DAMAGE INCURRED BY EROSION SHALL BE RECTIFIED IMMEDIATELY.
- THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT WILL BE NOTIFIED IN WRITING AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBING ACTIVITIES. FAX - (862) 333-4507 OR EMAIL - INFORMATION@HEPSCD.ORG
- THE APPLICANT MUST OBTAIN A DISTRICT ISSUED REPORT-OF-COMPLIANCE PRIOR TO APPLYING FOR THE CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY FROM THE RESPECTIVE MUNICIPALITY, NJ - DCA OR ANY OTHER CONTROLLING AGENCY. CONTACT THE DISTRICT AT (862) 333-4505 TO REQUEST A FINAL INSPECTION, GIVING ADVANCED NOTICE UPON COMPLETION OF THE RESTABILIZATION MEASURES. A PERFORMANCE DEPOSIT MAY BE POSTED WITH THE DISTRICT WHEN WINTER WEATHER OR SNOW COVER PROHIBITS THE PROPER APPLICATION OF SEED, MULCH, FERTILIZER OR HYDRO-SEED.
- PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. DO NOT UTILIZE A FIRE OR GARDEN HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT BASIN. WATER PUMPED OUT OF THE EXCAVATED AREAS CONTAINS SEDIMENTS THAT MUST BE REMOVED PRIOR TO DISCHARGING TO RECEIVING BODIES OF WATER USING REMOVABLE PUMPING STATIONS, SUMP PITS, PORTABLE SEDIMENTATION TANKS AND/OR SILT CONTROL BAGS.
- ALL SURFACES HAVING LAWN OR LANDSCAPING AS FINAL COVER ARE TO BE PROVIDED TOPSOIL PRIOR TO RE-SEEDING, SODDING OR PLANTING. A DEPTH OF 5 INCHES, FIRMED IN PLACE, IS REQUIRED, AS PER THE STANDARDS FOR TOPSOILING AND LAND GRADING, EFFECTIVE DECEMBER 2017.
- ALL PLAN REVISIONS MUST BE SUBMITTED TO THE DISTRICT FOR PROPER REVIEW AND APPROVAL.
- A CRUSHED STONE WHEEL CLEANING TRACKING-PAD IS TO BE INSTALLED AT ALL SITE EXITS USING 2 1/2 -1" CRUSHED ANGULAR STONE (ASTM 2 OR 3) TO A MINIMUM LENGTH OF 50 FEET AND MINIMUM DEPTH OF 6". ALL DRIVEWAYS MUST BE PROVIDED WITH CRUSHED STONE UNTIL PAVING IS COMPLETE.
- STEEP SLOPES INCURRING DISTURBANCE MAY REQUIRE ADDITIONAL STABILIZATION MEASURES. THESE "SPECIAL" MEASURES SHALL BE DESIGNED BY THE APPLICANT'S ENGINEER AND BE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING, FOR THE SALE OF ANY PORTION OF THE PROJECT OR FOR THE SALE OF INDIVIDUAL LOTS, NEW OWNERS' INFORMATION SHALL BE PROVIDED. ADDITIONAL MEASURES DEEMED NECESSARY BY DISTRICT OFFICIALS SHALL BE IMPLEMENTED AS CONDITIONS WARRANT.

TEMPORARY STABILIZATION SPECIFICATIONS

- APPLY GROUND LIMESTONE AT A RATE OF 90 LBS PER 1000 SQ. FT.
- APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
- APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT. AND ANNUAL RYEGRASS AT 1 LB. PER 1000 SQ. FT.
- MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
- APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.

PERMANENT STABILIZATION SPECIFICATIONS

- APPLY TOPSOIL TO A DEPTH OF 5 INCHES (UNSETTLED).
- APPLY GROUND LIMESTONE AT A RATE OF 90 LBS PER 1000 SQ. FT. AND WORK FOUR INCHES INTO SOIL.
- APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
- APPLY HARD FESCUE SEED AT 2.7 LBS. PER 1000 SQ. FT. AND CREEPING RED FESCUE SEED AT 0.7 LBS PER 1000 SQ. FT. AND PERENNIAL RYEGRASS SEED AT 0.25 LBS PER 1000 SQ. FT.
- MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
- APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH.

CONSTRUCTION SCHEDULE AND PROCEDURE FOR IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES

- INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, CONSTRUCTION FENCING & INLET PROTECTION AS SHOWN. (4 DAYS)
- DEMO EXISTING FEATURES, AS SHOWN ON DEMOLITION PLAN. (2 WEEKS)
- STRIP TOPSOIL & ROUGH GRADE. (3 WEEKS)
- PREPARE SUBGRADE, INSTALL STORM SEWER, BASIN & OUTLET STRUCTURE. (2 WEEKS)
- CONSTRUCT MODULAR BUILDING (3 MONTHS)
- CONSTRUCT UTILITY SERVICE (4 WEEKS)
- INSTALL CONCRETE WALKS & PAVEMENT BASE (2 WEEKS)
- PROVIDE TOP COURSE OF PAVEMENT. (1 WEEK)
- ESTABLISH FINISHED GRADE AND PROVIDE PERMANENT VEGETATIVE COVER. (3 DAYS)
- REMOVE INLET PROTECTION, CONSTRUCTION ENTRANCE AND SILT FENCE AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED. (ON GOING)

CONSTRUCTION SCHEDULE PROVIDED FOR SOIL EROSION CONTROL PURPOSES ONLY.



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ALLISON SROKA, AIA NJ # 21A02087600
RODERICK WATKINS, AIA NJ # 21A01625700

NOT VALID FOR BUILDING UNLESS SIGNED AND SEALED BY ARCHITECT

X
Board President of Schools,

X
Superintendent of Schools



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NEW MODULAR BUILDING AT:
MT. PLEASANT
ELEMENTARY
SCHOOL
BLOCK 172 LOT 29.01
9 MANGER RD.
WEST ORANGE, NEW JERSEY 07052



WEST ORANGE, NEW JERSEY 07052

CIVIL SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS

REV.	DATE:	DRN	CHK	
	04/09/2025	SKW	DFK	ISSUED FOR PERMIT
	04/11/2025	SKW	DFK	PER SCD COMMENTS
Δ	05/27/2025	SKW	DFK	PER TOWN ENGINEER

STATE PROJECT NO.
5680-110-13-5680

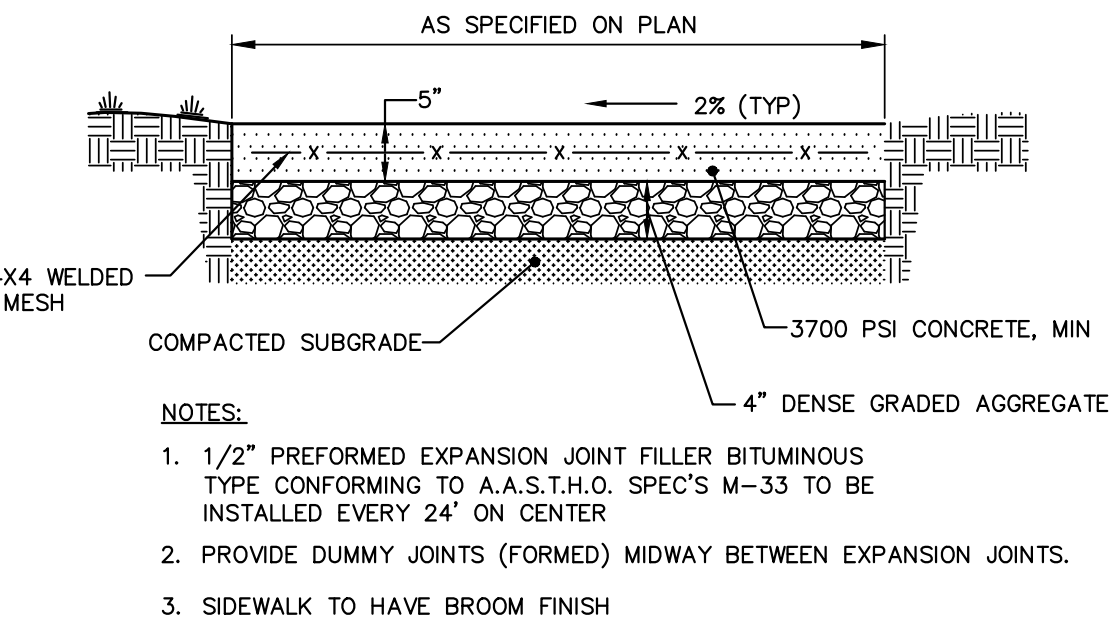
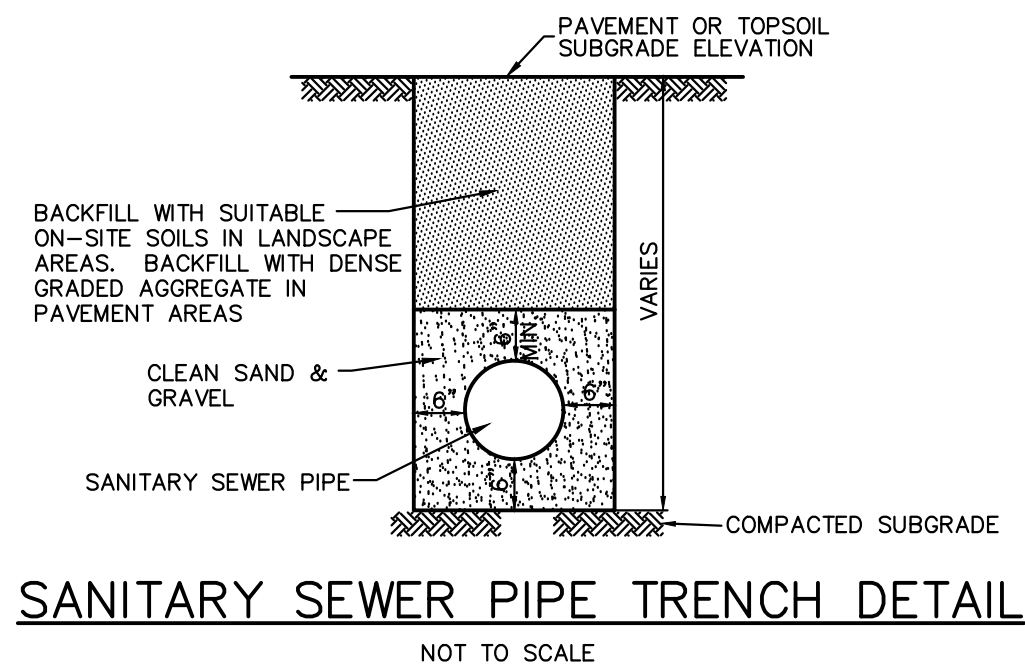
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4418

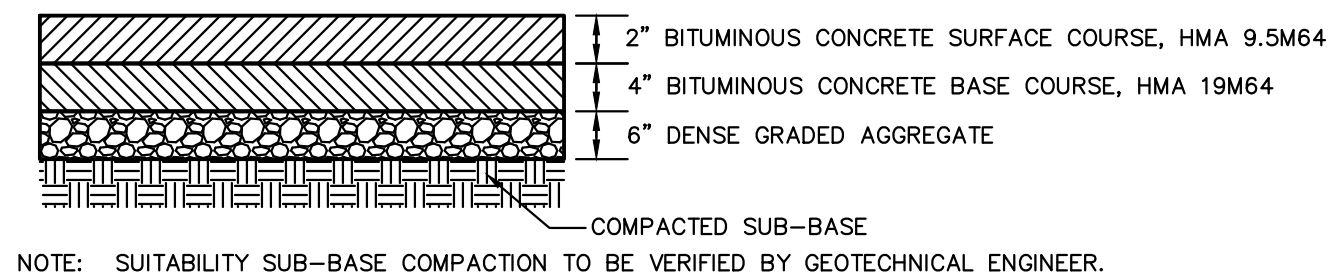
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C-7

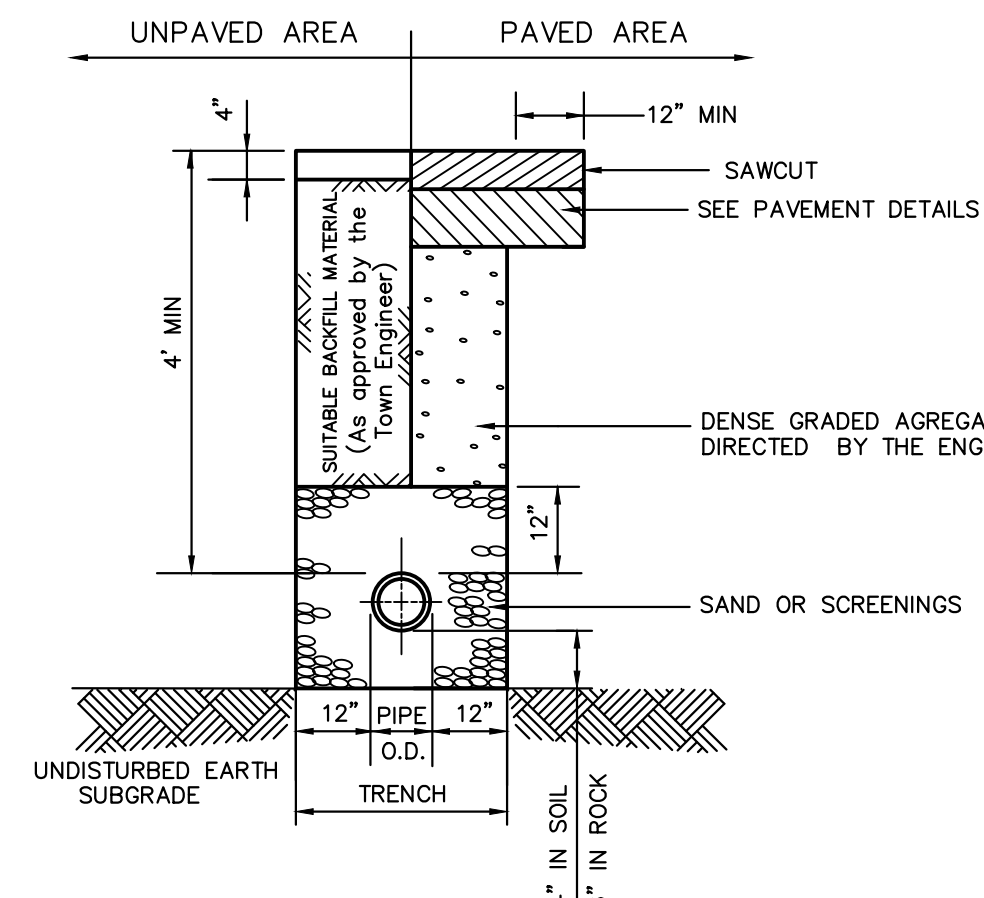
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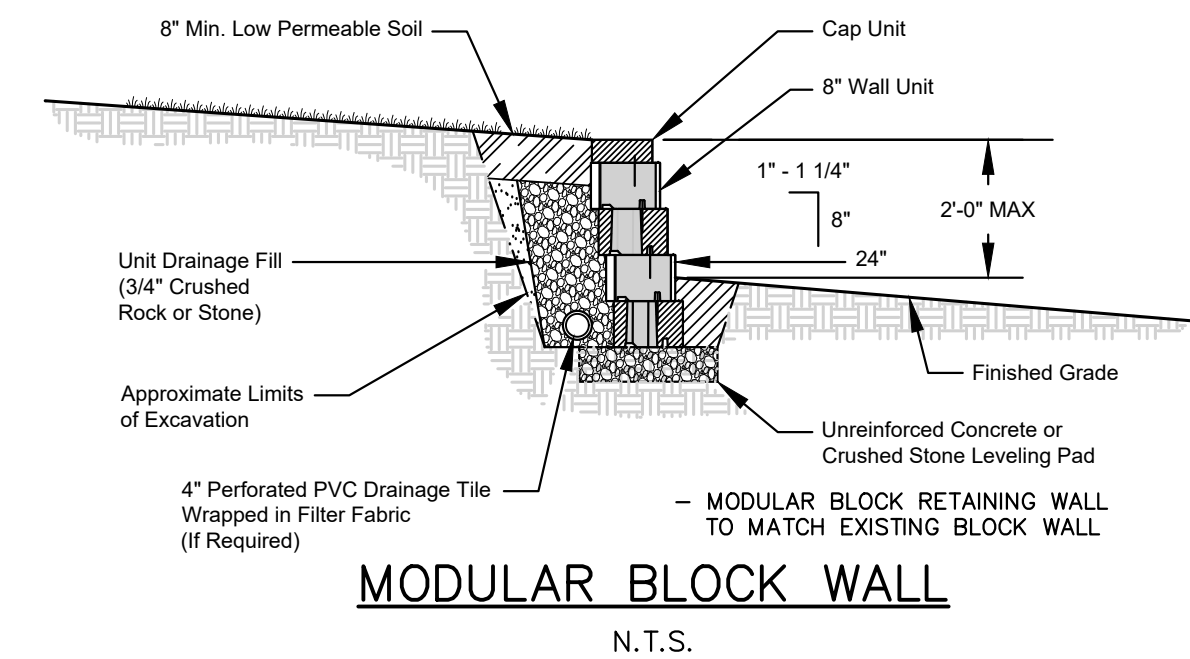
STANDARD CONCRETE SIDEWALK
N.T.S.



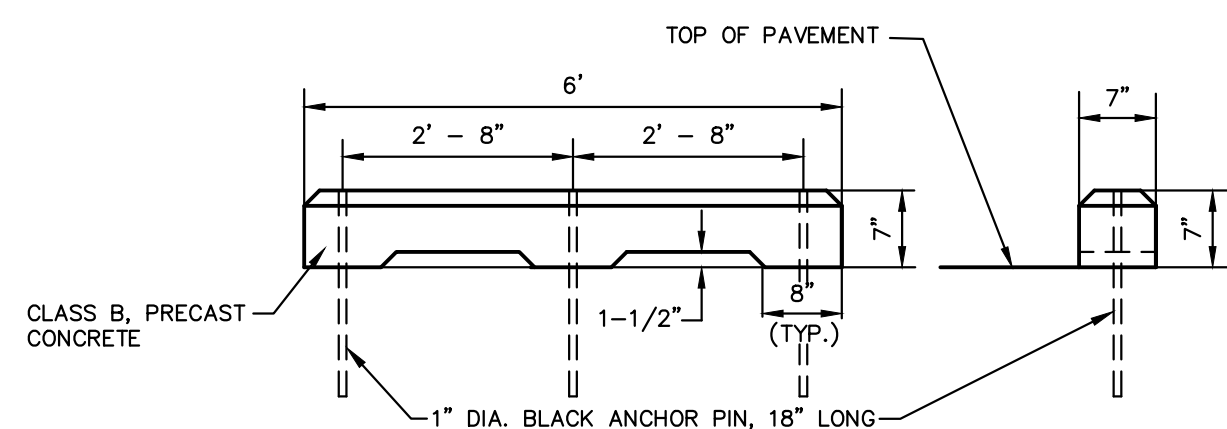
FULL DEPTH BITUMINOUS CONCRETE DRIVEWAY DETAIL
NOT TO SCALE



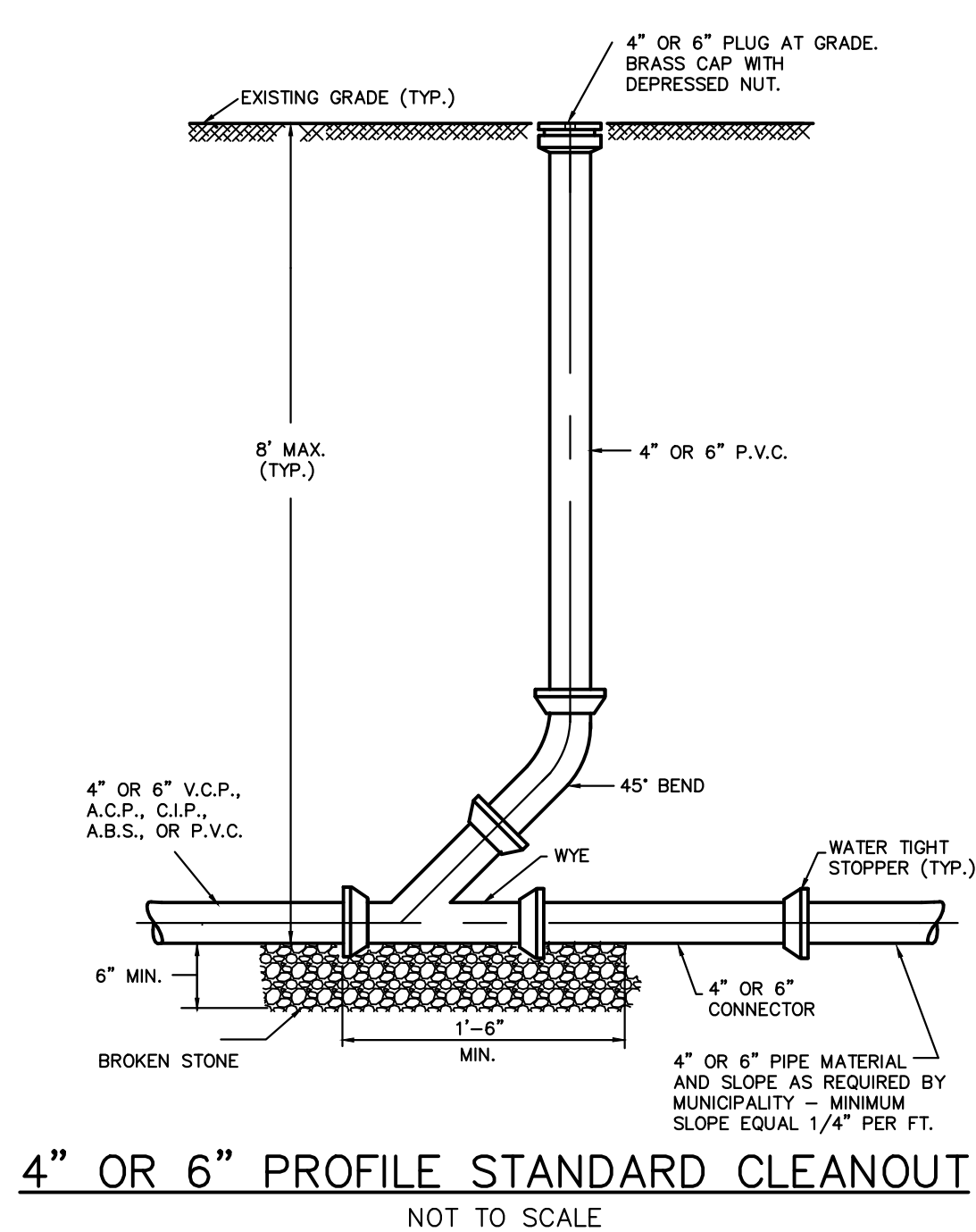
TYPICAL WATER MAIN TRENCH
N.T.S.



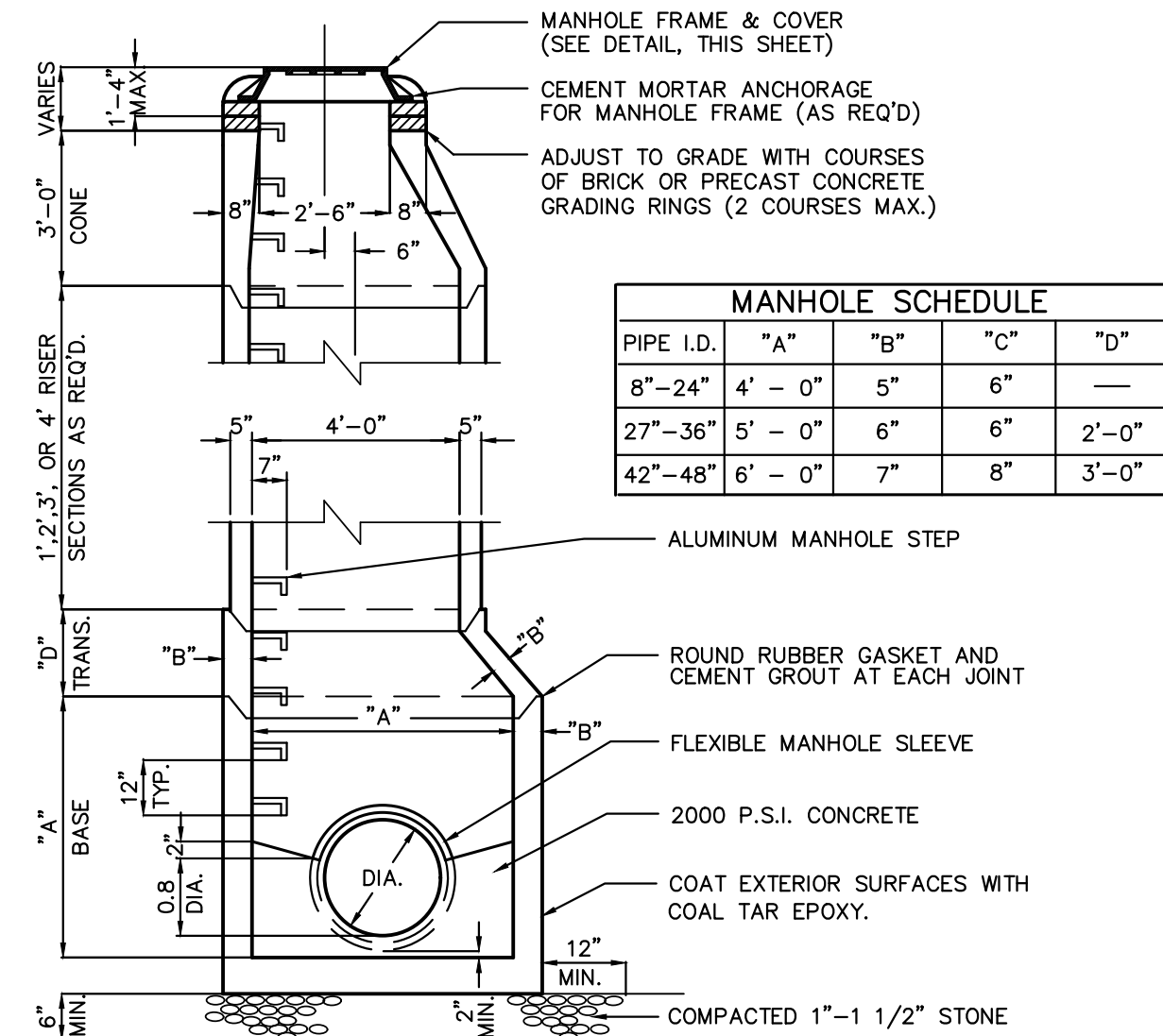
MODULAR BLOCK WALL
N.T.S.



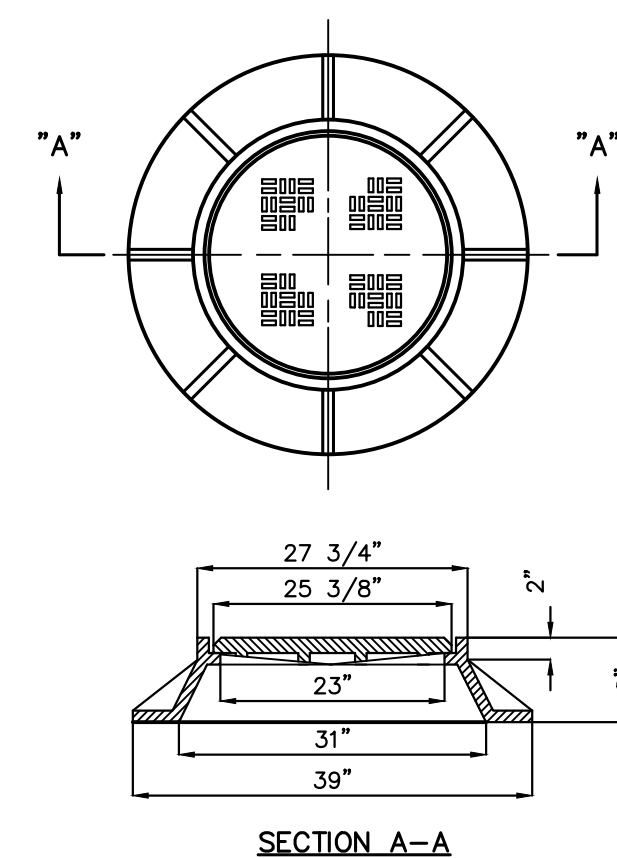
WHEEL STOP DETAIL
N.T.S.



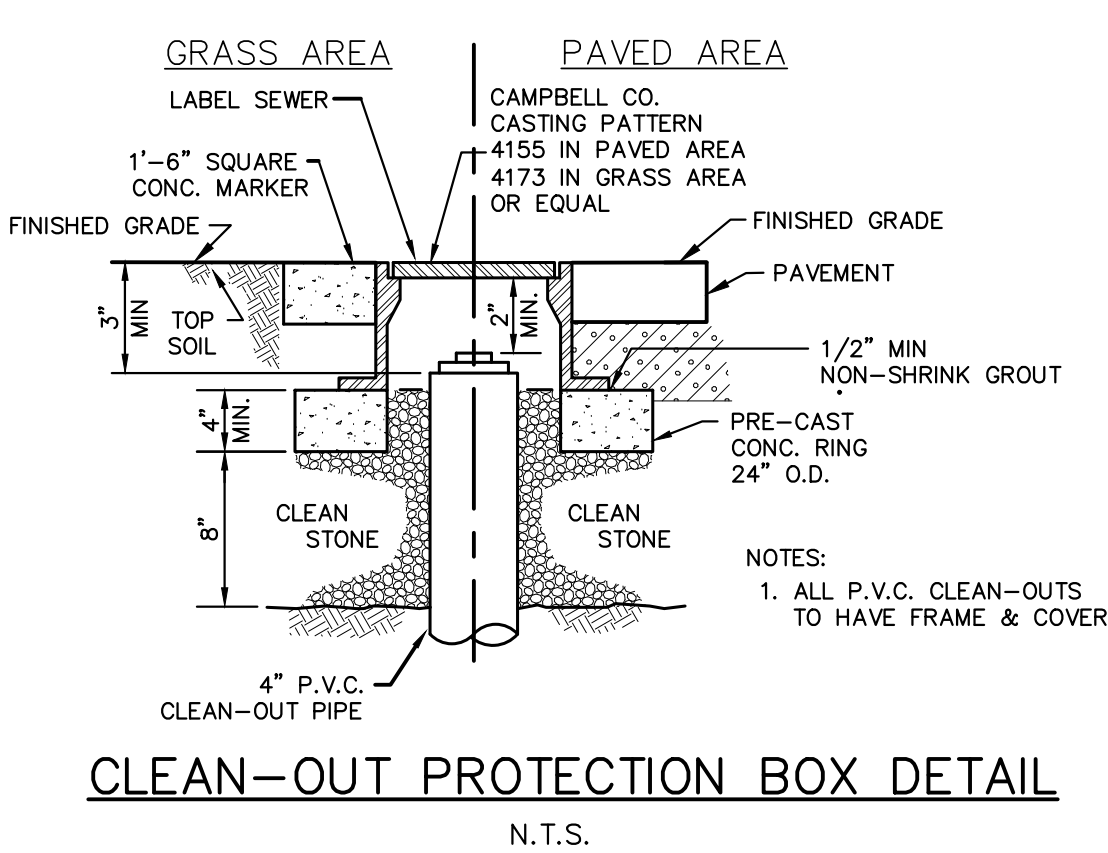
4" OR 6" PROFILE STANDARD CLEANOUT
NOT TO SCALE



PRECAST CONCRETE MANHOLE
NOT TO SCALE

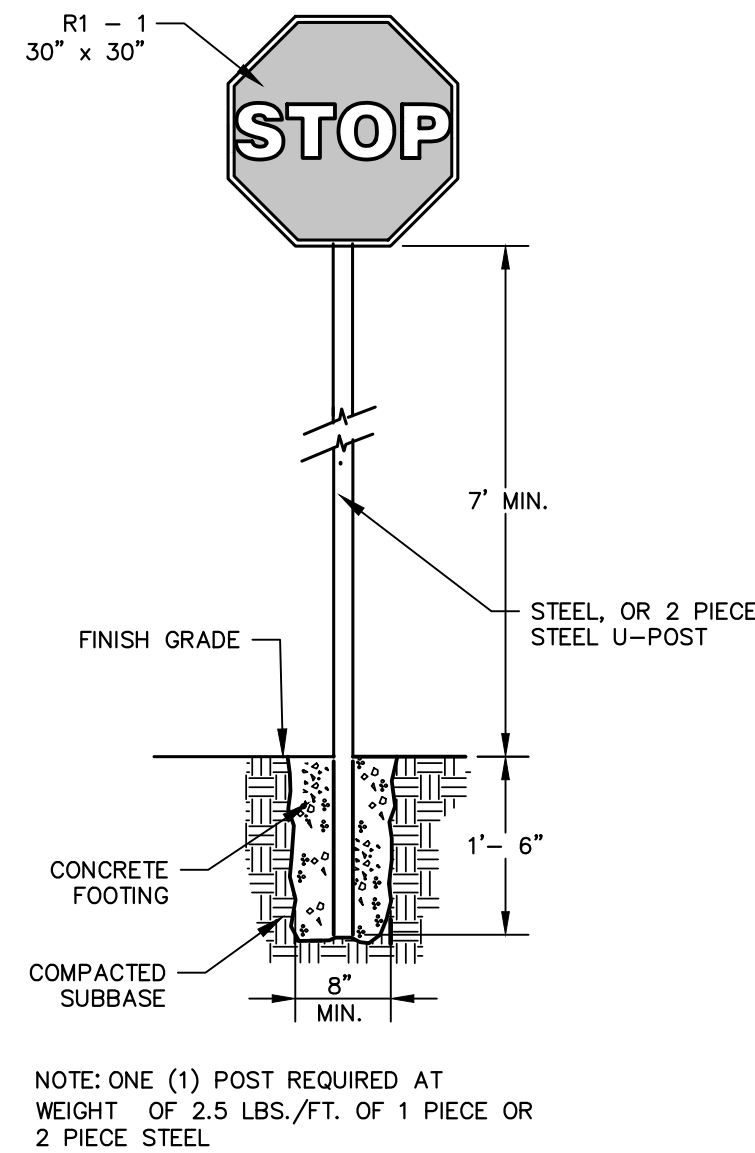


STANDARD MANHOLE FRAME AND COVER
NOT TO SCALE

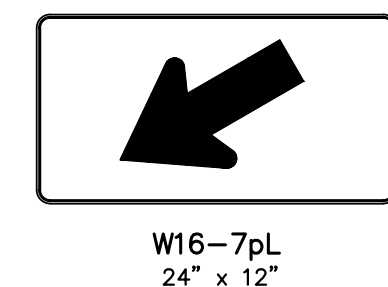


CLEAN-OUT PROTECTION BOX DETAIL
N.T.S.

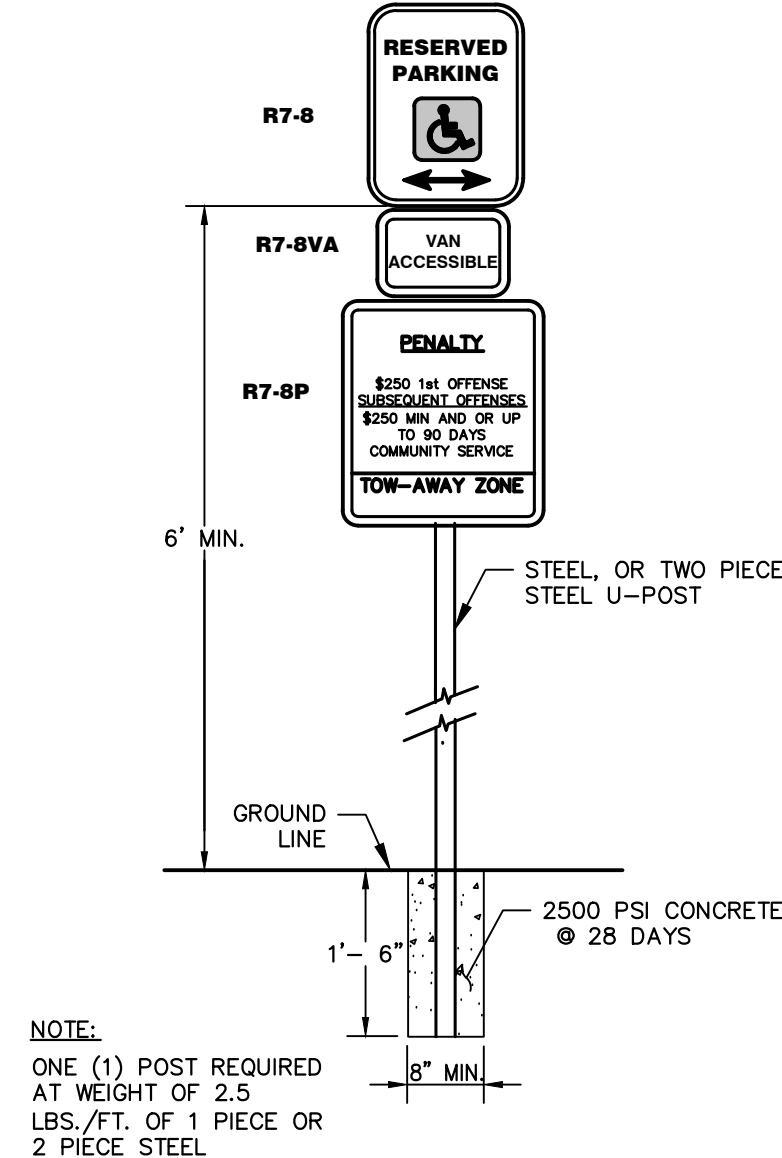
- GENERAL NOTES:
- ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR ERECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
 - TWO PIECE STEEL U-POSTS SHALL BE EMBEDDED 3'-8" MINIMUM ONE PIECE STEEL U-POSTS SHALL BE EMBEDDED 3'-6" MAXIMUM
 - ALL STEEL POSTS AND BRACKETS SHALL BE CUT, BENT AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING. GALVANIZING SHALL BE IN CONFORMANCE WITH CURRENT ASTM A123.
 - POSTS MAY BE STEEL OR 2 PIECE STEEL U-POST IN CONFORMANCE WITH THE NOTES BELOW.
 - SIGN PANEL SIZES SHALL DETERMINE POST TYPE AND NUMBER AS SHOWN ON THIS DETAIL.
 - BOLTS SHALL NOT PROTRUDE MORE THAN 3/4" BEYOND THE NUT WHEN TIGHT BUT SHALL ENGAGE ALL THREADS IN THE NUT.
 - THE MINIMUM VERTICAL CLEARANCE REQUIREMENTS FOR SIGNS ARE: EDGE OF PAVEMENT TO BOTTOM OF SIGN SHALL BE IN ACCORDANCE WITH THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS." GROUNDLINE TO BOTTOM OF SIGN SHALL BE 7' MINIMUM. FOR SINGLE POST INSTALLATIONS, THE MINIMUM DISTANCE FROM GROUNDLINE TO THE TOP OF SIGN MUST BE 9'. THE FINAL HEIGHT OF ALL SIGNS MUST MEET OR EXCEED ALL OF THE ABOVE REQUIREMENTS.
 - PERMANENT SIGN SUPPORTS SHALL NOT BE INSTALLED ON SLOPES GREATER THAN 10:1, UNLESS BEHIND A TRAFFIC BARRIER, AND THE SLOPE SHALL EXTEND A MINIMUM OF ONE METER BEYOND THE OUTSIDE EDGE OF SIGN (SEE GRADING DETAIL FOR SLOPE TREATMENT).
 - EXTRUDED ALUMINUM SIGN PANELS ARE NOT PERMITTED FOR USE WITH U-POST SIGN SUPPORTS.
 - U-POST SIGN SUPPORTS SHALL NOT BE PLACED IN FRONT OF GUIDE RAIL AND THE POSTS MUST NOT STRADDLE GUIDE RAIL. 11. TO EXTEND THE HEIGHT OF A SIGN POST, A MAXIMUM OF ONE SPLICE MAY BE MADE AND MUST BE A MINIMUM OF 9' FROM THE GROUND LINE TO CENTER LINE OF SPLICE.



STOP SIGN
N.T.S.



CROSSWALK SIGN
NOT TO SCALE

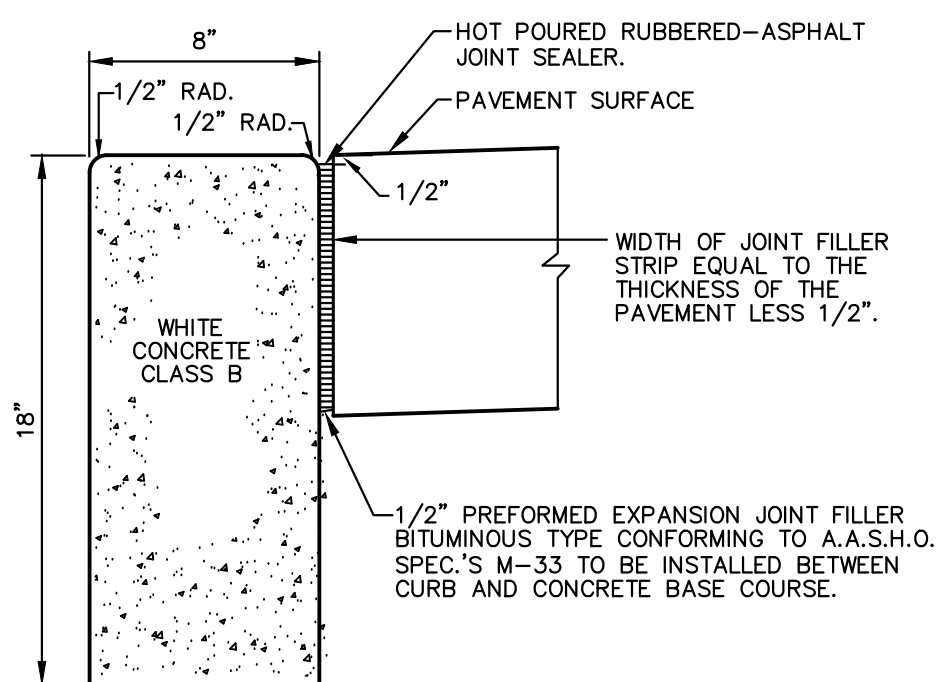


ADA PARKING SIGN
N.T.S.



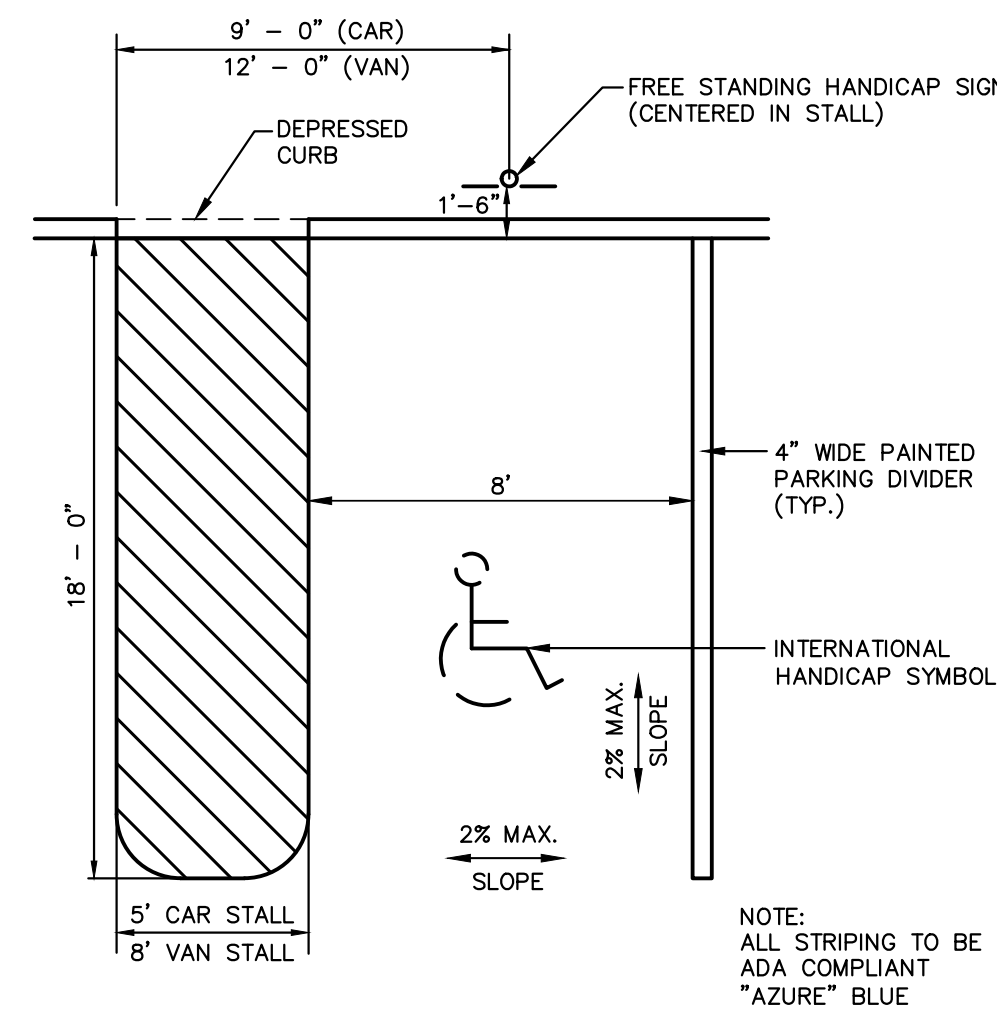
TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20'-0" APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS-IMPREGNATED FIBER JOINT FILLER COMPLYING WITH THE REQUIREMENTS OF A.A.S.H.O. SPEC. M-213, RECESSED 1/4" IN FROM FRONT FACE AND TOP OF CURB. EXPANSION JOINTS THRU AND ADJACENT TO THE CURB SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CURB.

CONCRETE VERTICAL CURB
N.T.S.



TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20'-0" APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS-IMPREGNATED FIBER JOINT FILLER COMPLYING WITH THE REQUIREMENTS OF A.A.S.H.O. SPEC. M-213, RECESSED 1/4" IN FROM FRONT FACE AND TOP OF CURB.

CONCRETE FLUSH CURB
N.T.S.



HANDICAPPED PARKING STALL
NOT TO SCALE



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PROJECT NO.

4418

SHEET NO.

C-8

