



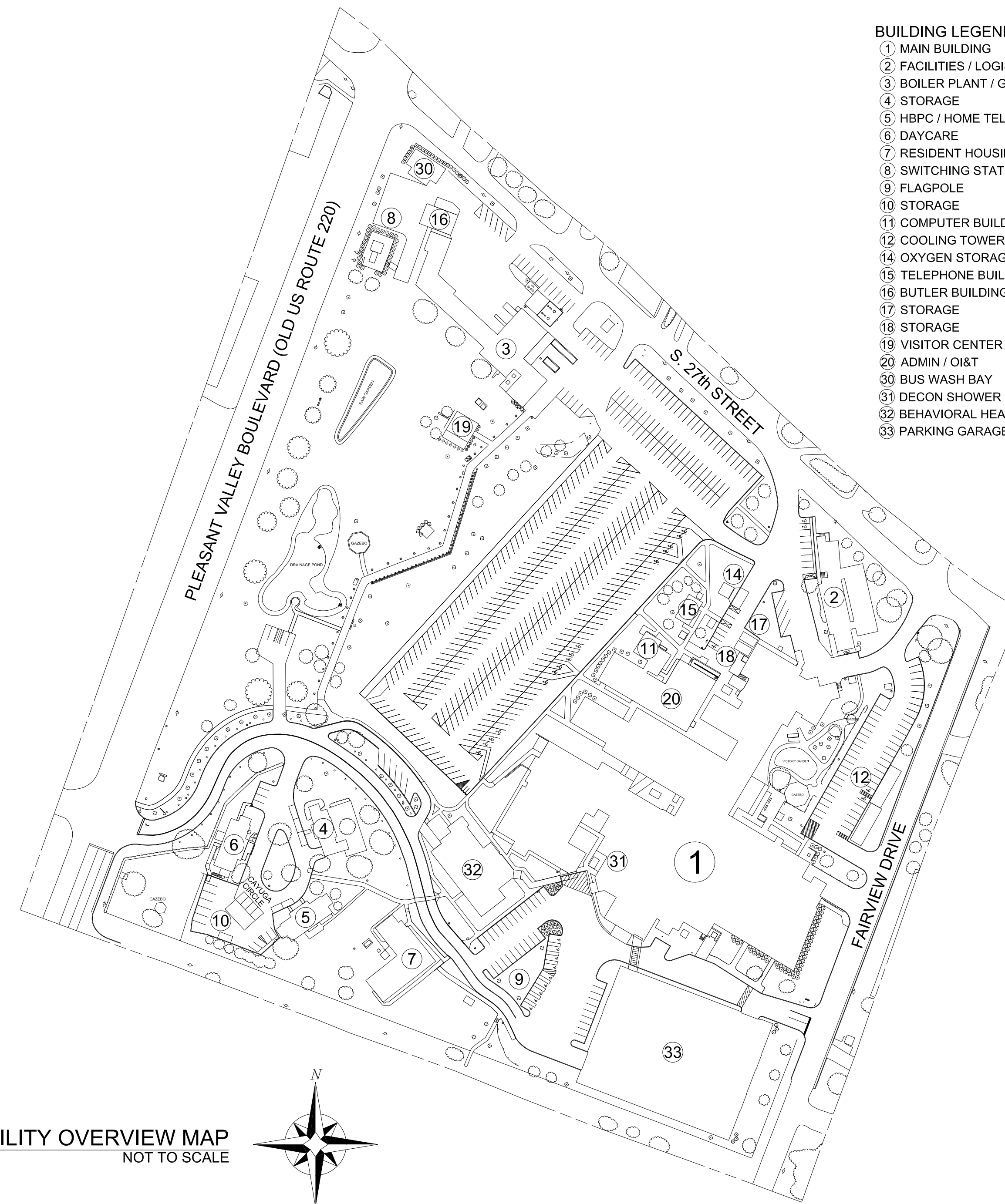
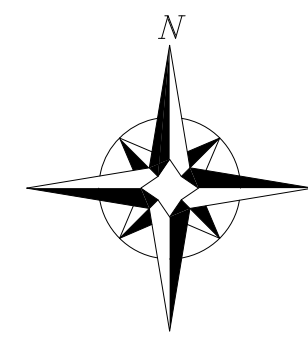
JAMES E. VAN ZANDT VETERANS
ADMINISTRATION MEDICAL CENTER
ALTOONA, PA.

INSTALL GENERATOR FENCING

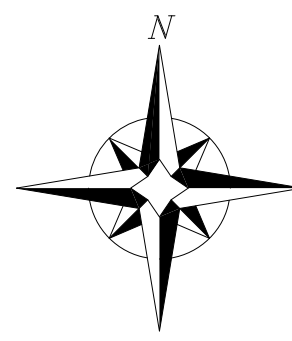
PROJECT # 503-25-102



LOCATION MAP
NOT TO SCALE



FACILITY OVERVIEW MAP
NOT TO SCALE



- BUILDING LEGEND**
- ① MAIN BUILDING
 - ② FACILITIES / LOGISTICS
 - ③ BOILER PLANT / GARAGE
 - ④ STORAGE
 - ⑤ HBPC / HOME TELEHEALTH
 - ⑥ DAYCARE
 - ⑦ RESIDENT HOUSING
 - ⑧ SWITCHING STATION
 - ⑨ FLAGPOLE
 - ⑩ STORAGE
 - ⑪ COMPUTER BUILDING
 - ⑫ COOLING TOWERS
 - ⑬ OXYGEN STORAGE
 - ⑭ TELEPHONE BUILDING
 - ⑮ BUTLER BUILDING
 - ⑯ STORAGE
 - ⑰ STORAGE
 - ⑱ VISITOR CENTER
 - ⑲ ADMIN / O&T
 - ⑳ BUS WASH BAY
 - ㉑ DECON SHOWER
 - ㉒ BEHAVIORAL HEALTH
 - ㉓ PARKING GARAGE

DRAWING INDEX:

- GI-001 COVER SHEET
- GI-002 GENERAL NOTES AND E&S CONTROLS
- CD-102 CIVIL SITE DEMOLITION PLAN
- CS-102 CIVIL SITE PLAN
- CS-122 GRADING PLAN
- CS-202 LAYOUT PLAN
- CS-504 FENCE & GATE DETAILS
- EP-101 ELECTRICAL PLAN

REVISION 1 12/10/2024 Revisions: _____ Date: _____	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title COVER SHEET	Phase CONSTRUCTION DOC.	Project Title Install Generator Fencing	Project Number 503-25-102
					Approved: Project Director			Location JAMES E VAN ZANDT MED CENTER
							Issue Date 10/10/2024	Checked AMH
							Drawn MAD	Drawing Number GI-001

SITE GENERAL NOTES:

- THE FOLLOWING GENERAL NOTES ARE APPLICABLE TO THE ENTIRE SET OF PLANS AND ARE NOT SHOWN ON EACH INDIVIDUAL SHEET. THE CONTRACTOR IS RESPONSIBLE FOR APPLYING THESE NOTES THROUGHOUT THE ENTIRE PROJECT.
- CONTRACTOR SHALL CONDUCT A "WALK THROUGH" MEETING WITH COR WHEN THE CONTRACTOR BELIEVES THE FINAL RESTORATION IS COMPLETE TO ENSURE THE RESTORATION MEETS THE REASONABLE EXPECTATIONS OF VA.
- CONDUCT REMOVAL OPERATION TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT SURFACES AND AREAS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SECURE AND SAFE SITE DURING THE ENTIRE PROJECT.
- THE CONTRACTOR SHALL ENSURE EMERGENCY VEHICLE ACCESS BE PROVIDED TO THE FACILITY AT ALL TIMES FOR DURATION OF THE PROJECT.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- EXISTING UNDERGROUND UTILITIES, KNOWN STRUCTURES, MANHOLES, PAVEMENTS, FENCES, POLES, AND SIMILAR FEATURES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ON THE PLANS ACCORDING TO THE BEST AVAILABLE INFORMATION. THIS INFORMATION HAS BEEN COMPILED FROM SEVERAL SOURCES AND IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THIS INFORMATION IS NOT GUARANTEED TO BE COMPLETE OR WITHOUT ERRORS. THE SIZE, LOCATION AND MATERIAL OF UTILITIES MAY BE INACCURATE. FIELD CONDITIONS MAY BE ENCOUNTERED DURING CONSTRUCTION WHICH MAY VARY FROM THOSE DEPICTED HEREIN. AS SUCH, THESE PLANS SHOULD BE USED AS A CONSTRUCTION CONTROL REFERENCE. NOT A PRECISE CONSTRUCTION DOCUMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SERVICES OF AN UNDERGROUND PENETRATING RADAR UTILITY LOCATOR TO LOCATE AND MARK ALL UTILITIES BEFORE ANY EXCAVATION/CONSTRUCTION WORK BEGINS.
- DISTURBED AREA SHALL BE MINIMIZED TO THE EXTENT POSSIBLE. TOTAL DISTURBED AREA SHALL REMAIN UNDER ONE (1) ACRE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING UTILITIES AND FEATURES. WATER, SANITARY SEWER, STORM SEWER, ELECTRIC, COMMUNICATION, STEAM, GAS LINES AND EXISTING FEATURES DAMAGED DURING CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL NOT BE PERMITTED TO CONTINUE UNTIL DAMAGED SERVICE IS REPAIRED OR REPLACED.
- ANY UTILITY RELOCATION WHICH MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE COORDINATED WITH THE AFFECTED UTILITY. THE CONTRACTOR SHALL NOTIFY PA ONE CALL AND NOTIFY THE OWNER FORTY-EIGHT (48) HOURS IN ADVANCE. ALL COSTS ASSOCIATED WITH THE UTILITY RELOCATION SHALL BE INCLUDED IN THE OTHER ITEMS AND WILL NOT BE PAID FOR SEPARATELY.
- ANY CHANGES OR SUBSTITUTIONS MUST RECEIVE PRIOR APPROVAL FROM THE CONTRACT OFFICER.
- THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH THE REGULATIONS OF THE U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA); THE U.S. DEPARTMENT OF TRANSPORTATION (DOT); THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA); AND SIMILAR STATE AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK BEING PERFORMED.
- THE CONTRACTOR SHALL PROVIDE NECESSARY HEALTH AND SAFETY TRAINING FOR ALL OF THE CONTRACTOR'S ON-SITE PERSONNEL.
- THE CONTRACTOR SHALL HAVE AN ACCIDENT PREVENTION PLAN (APP) AND PREPARE ACTIVITY HAZARD ANALYSIS (AHAS) SPECIFIC TO THE PROJECT. APP AND AHAS SHALL BE SUBMITTED TO VA FOR REVIEW AND APPROVAL. REFER TO SPECIFICATIONS 01 35 20 (SAFETY REQUIREMENTS) FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL AT ALL TIMES MEET ALL SAFETY REQUIREMENTS SET FORTH IN THEIR ACCIDENT PREVENTION PLAN (APP) FOR THE SITE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONDITIONS AT THE SITE, INCLUDING SAFETY AND SAFETY HAZARDS ASSOCIATED WITH THE WORK. WHILE PERFORMING THE WORK, THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION SAFETY COMMISSION "GENERAL SAFETY RULES AND REGULATIONS FOR THE CONSTRUCTION INDUSTRY," 29 CFR 1926 AND SAFETY RULES. THE CONTRACTOR SHALL REQUIRE ALL PERSONNEL TO WEAR APPROPRIATE PROTECTIVE CLOTHING, HARD HATS, ECT., AS REQUIRED BY LAW.
- IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATTERS RELATING TO THE HEALTH AND SAFETY OF ITS PERSONNEL AND EQUIPMENT AND THE PUBLIC IN PERFORMANCE OF THE WORK. THIS INCLUDES RECOGNITION OF THE POTENTIAL HEALTH AND SAFETY HAZARDS ASSOCIATED WITH THE WORK AND INCLUDES COMPLIANCE WITH THE MINIMUM REQUIREMENTS OF THE HEALTH AND SAFETY PLAN IN FORCE FOR THE WORK, IF APPLICABLE. IT IS UNDERSTOOD THAT PROTECTIVE MEASURES SPECIFIED IN ANY HEALTH AND SAFETY PLAN ARE MINIMUM REQUIREMENTS FOR THE WORK.
- CONTRACTOR WARRANTS WHEN REQUIRED BY A PROJECT THAT ALL ITS EMPLOYEES PERFORMING WORK ON SAID PROJECT ARE PERMITTED TO ENGAGE IN HAZARDOUS WASTE OPERATIONS THAT COULD EXPOSE THEM TO HAZARDOUS SUBSTANCES, SAFETY, OR HEALTH HAZARDS, AND SHALL PROVIDE EVIDENCE PRIOR TO COMMENCING WORK THAT ALL WORKERS HAVE OBTAINED THE NECESSARY HEALTH AND SAFETY TRAINING AND MEDICAL SURVEILLANCE AS REQUIRED BY OSHA 1910.120.
- ANY CONTRACTOR PERFORMING WORK IN A CONFINED SPACE (I.E. MANHOLES, TANKS, CHAMBERS), MUST CERTIFY THAT THEY HAVE THEIR OWN CONFINED SPACE ENTRY PROGRAM THAT MEETS OR EXCEEDS OSHA'S REGULATION. CERTIFICATION MUST BE NOTARIZED BY A PUBLIC NOTARY. SUBMIT A COPY OF THE CERTIFICATION TO COR. INDIVIDUALS PARTICIPATING IN A CONFINED SPACE ENTRY SHALL BE TRAINED AND SHALL HAVE TRAINING CERTIFICATES ON THE SPECIFIC CONTRACTOR PROGRAM.
- CONTRACTOR TO PROVIDE STAGING AREA SURROUNDED AND SECURED WITH TEMPORARY CHAIN LINK FENCE. ACCESS SHALL BE GIVEN TO VA.
- THE CONTRACTOR SHALL PROVIDE AT THEIR EXPENSE, ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, CITY, OR LOCAL AGENCIES, THE AMOUNT, LOCATION, AND SIZE SHALL BE AS REQUIRED BY AGENCY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF ALL WORK PERFORMED WITHIN THE RIGHT-OF-WAY, PUBLIC EASEMENTS AND WITHIN THE WORK LIMITS FOR A PERIOD OF (1) ONE YEAR FROM THE FINAL ACCEPTANCE OF THE WORK, AND SHALL MAKE ANY NECESSARY REPAIRS AT NO COST TO THE OWNER.
- ALL REQUIREMENTS DESCRIBED WITHIN THE GENERAL NOTES SECTION AND CONTRACT DOCUMENTS, UNLESS OTHERWISE INDICATED, SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT WITH NO ASSOCIATED PAY ITEM AND NO ADDITIONAL COMPENSATION TO BE AWARDED TO THE CONTRACTOR.
- BEFORE BIDDING PROJECT, CONTRACTOR SHALL VERIFY ALL SITE FEATURES. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL SITE FEATURES DISTURBED BY PROJECT.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE BEFORE CONSTRUCTION BEGINS. EROSION AND SEDIMENT CONTROL MEASURES SHALL ALSO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND IN CONFORMANCE WITH THE PENNSYLVANIA EROSION AND SEDIMENT POLLUTION CONTROL MANUAL.
- DURING WINTER CONDITIONS, THE CONTRACTOR SHALL PERFORM ITS WORK IN SUCH A MANNER THAT WOULD NOT INTERFERE WITH SNOW REMOVAL OR ICE CONTROL OPERATIONS.

SITE GENERAL NOTES CONT.:

- IF ASBESTOS AND/OR ENVIRONMENTAL ITEMS AND/OR SUSPECT MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, CEASE OPERATIONS AND NOTIFY CONTRACTOR OFFICER AND COR IMMEDIATELY. ALSO, ENSURE THE ENVIRONMENTAL ITEMS/MATERIALS ARE ABATED PRIOR TO ANY OTHER ACTIVITY UNLESS REQUIRED TO ACCESS.
- CONSTRUCTION AREA(S) SHALL BE SURROUNDED WITH 6" CHAIN LINK FENCE AT ALL TIMES ACTIVE CONSTRUCTION IS TAKING PLACE.
- SCHEDULE SYSTEMS SHUTDOWNS WITH OWNER. PROVIDE 14 DAY NOTICE. SYSTEM SHUTDOWNS SHALL NOT INTERFERE WITH BUILDING OPERATIONS. MAINTAIN EXISTING SYSTEMS PER OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR EXERCISING REASONABLE CARE IN OPERATING EQUIPMENT IN THE VICINITY OF UTILITIES, WHETHER OVERHEAD, AT GROUND LEVEL, OR BURIED, AND SHALL SAVE AND HOLD HARMLESS PATRIOT DESIGN AND CONSULTING. THE OWNER AND ANY OF THEIR DESIGNATED AGENTS FROM AND AGAINST ANY AND ALL CLAIMS AND DAMAGES OF ANY KIND OF INJURY TO, OR DEATH TO, ANY PERSON OR PERSONS AND FROM DAMAGE TO OR LOSS OF PROPERTY, ARISING OUT OF, OR ATTRIBUTED TO THE NEGLIGENCE OF CONTRACTOR'S OPERATIONS.
- BEFORE START OF CONSTRUCTION CONTRACTOR SHALL COMPLETE EXPLORATORY EXCAVATION TO VERIFY/DETERMINE LOCATION, ELEVATION, AND SIZE OF EXISTING UTILITIES ALONG FENCE ALIGNMENT AND GUARD SHACKS. EXPLORATORY EXCAVATION SHALL BE COMPLETED PRIOR TO ORDERING FENCE AND GATES. EXPLORATORY EXCAVATION SHALL BE COMPLETED AT ALL UTILITY CROSSINGS. A REPORT FOR EXPLORATORY EXCAVATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SURVEYS TO COMPLETE THE PROJECT INCLUDING REESTABLISHMENT OF CONTROL POINTS, DAMAGED R/W PINS AND STAKING OF EASEMENTS. THE CONTRACTOR SHALL REFERENCE ALL IRON PINS AND MONUMENTS BEFORE EXCAVATING AT OR NEAR SAID IRON PINS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED SURVEYOR IN PENNSYLVANIA AT THE COMPLETION OF THE PROJECT.
- REMOVE AND LEGALLY DISPOSE OF ALL MATERIALS, OTHER THAN EARTH TO REMAIN AS PART OF PROJECT WORK. MATERIALS REMOVED SHALL BECOME PROPERTY OF CONTRACTOR AND SHALL BE DISPOSED OF IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL PERMITS, RULES AND/OR REGULATION.
- DURING EXCAVATION A COMPETENT PERSON THAT KNOWS AND IS ABLE TO ENFORCE THE REQUIREMENTS OF 29 CFR PART 1926 SUBPART "P" SHALL BE PRESENT, PROVIDE AND MAINTAIN A SAFE EXCAVATION IN ACCORDANCE WITH OSHA GUIDELINES.
- WHEN SHORING AND SHEETING IS REQUIRED, CONTRACTOR SHALL DEVELOP AND SUBMIT A SHORING AND SHEETING PLAN PER SPECIFICATION 31 20 00 (EARTHWORK). PLAN SHALL BE STAMPED BY A PENNSYLVANIA LICENSED PROFESSIONAL ENGINEER.
- ANY EXCAVATION AT THE END OF DAY TO BE SECURED WITHIN A FENCE OR COVERED WITH A STEEL PLATE.
- ALL IMPORTED FILL MATERIAL SHALL BE CLEAN FILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ENVIRONMENTAL DUE DILIGENCE TO DETERMINE THE FILL IS CLEAN. DEFINITION OF CLEAN FILL AND ENVIRONMENTAL DUE DILIGENCE FOLLOWS:

CLEAN FILL IS DEFINED AS: UNCONTAMINATED, NON-WATER SOLUBLE, NON-DECOMPOSABLE, INERT, SOLID MATERIAL. THE TERM INCLUDES SOIL, ROCK, STONE, DREDGED MATERIAL, USED ASPHALT, AND BRICK, BLOCK OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND IS RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON THE WATERS OF THE STATE UNLESS OTHERWISE AUTHORIZED. (THE TERM "USED ASPHALT" DOES NOT INCLUDE MILLED ASPHALT THAT HAS BEEN PROCESSED FOR RE-USE.)

ENVIRONMENTAL DUE DILIGENCE: INVESTIGATIVE TECHNIQUES, INCLUDING, BUT NOT LIMITED TO: VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENS, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS, ANALYTICAL TESTING IS NOT A REQUIRED PART OF DUE DILIGENCE UNLESS VISUAL INSPECTION AND/OR REVIEW OF THE PAST LAND USE OF THE PROPERTY INDICATES THAT THE FILL MAY HAVE BEEN SUBJECTED TO A SPILL OR RELEASE OF REGULATED SUBSTANCE. IF THE FILL MAY HAVE BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE, IT MUST BE TESTED TO DETERMINE IF IT QUALIFIES AS CLEAN FILL. TESTING SHOULD BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS.
- COMPACTION, FIELD DENSITY TESTS, AND PROOF ROLLING IS REQUIRED FOR ALL EARTHWORK. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
- SUPPORT ALL UTILITIES EXPOSED BY EXCAVATION.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH APPROVED DEWATERING METHODS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, PROCEDURES, AND/OR TECHNIQUES.
- ALL CRANES, LIFTS OR OTHER EQUIPMENT THAT WILL BE OPERATING IN THE VICINITY OF POWER TRANSMISSION FACILITIES SHALL BE ELECTRICALLY GROUNDED.
- ALL INSPECTIONS/SITE ASSESSMENTS MUST BE PERFORMED BY A QUALIFIED PROFESSIONAL.
- PROVIDE ACCURATE, FIELD CERTIFIED AS-BUILT DRAWINGS AT COMPLETION OF CONSTRUCTION TO INCLUDE BUT NOT LIMITED TO: HORIZONTAL AND VERTICAL LOCATIONS OF ALL PIPING, UTILITY CONNECTIONS, REPAIRS OR RELOCATIONS, AND ANY FIELD CHANGES MADE DURING CONSTRUCTION. AS-BUILT SHALL INCLUDE EXISTING UTILITIES.
- PROVIDE AT LEAST 12" OF VERTICAL SEPARATION AT ALL UTILITY CROSSINGS.
- VA STAFF SHALL OPERATE ALL VALVES OF EXISTING SYSTEMS.
- FLOWS WITHIN EXISTING SANITARY SEWERS MUST BE MAINTAINED AT ALL TIMES.
- DURING CONSTRUCTION AND UNTIL AREAS ARE STABILIZED, MAINTAIN THE SITE AGAINST THE FORCES OF WATER AND WIND EROSION.
- THE TRACKING OR SPILLAGE OF MUD, DIRT, OR DEBRIS UPON STATE, COUNTY, TOWNSHIP, CITY OR VAMC ROADWAYS IS PROHIBITED, AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR.
- WHEN ADJACENT ASPHALT OR CONCRETE AREAS ARE DISTURBED AS PART OF THE CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO REPLACE THE DAMAGED OR EXCAVATED AREA. THE PERIMETER OF THE DISTURBED AREA SHALL BE SAW CUT FULL DEPTH, SO THAT THE LINES ARE STRAIGHT AND TRUE. ASPHALT SHALL BE COMPACTED TO A SMOOTH SURFACE AND SHALL BE FLUSH WITH THE EXISTING ADJACENT AREA THAT IS TO REMAIN.
- AT LEAST 4" OF TOPSOIL SHALL BE PROVIDED FOR ALL THE AREAS TO BE SEEDED.
- RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER THAN PRE-PROJECT CONDITION.
- SURFACE DEBRIS SHALL BE PICKED UP AND DISPOSED OF PRIOR TO DEMOBILIZATION. ALSO, ALL PAVEMENT SURFACES SHALL BE BROOM CLEANED.

SITE GENERAL NOTES CONT.:

- DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF PENNSYLVANIA. NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR ANY OTHER DEVICES BE ALLOWED TO ENTER ANY WATERS. REFER TO DETAIL 4-CS-503.
- ALL DIMENSIONS ARE APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD BEFORE STARTING WORK. NOTIFY COR OF ANY DISCREPANCIES.
- CONTRACTOR SHALL UTILIZE OPENING PROTECTION GUIDE RAIL DURING WORK. REFER TO DETAIL 1/GI-002.
- FENCE ALIGNMENT ADJUSTMENTS, IF ANY, SHALL BE COORDINATED WITH THE COR.

SEEDING AND MULCHING NOTES:

- SOIL TESTING SHALL BE DONE PRIOR TO SEEDING AND MULCHING TO DETERMINE PROPER SOIL AMENDMENTS AND APPLICATION RATES. SOIL TEST KITS MAY BE OBTAINED FROM THE COUNTY COOPERATIVE EXTENSION SERVICE OFFICES.
- FOR TEMPORARY COVER APPLY ANNUAL RYE GRASS AT 40 LB/ACRE AND MULCH AT 3 TONS/ACRE. SITE PREPARATION FOR TEMPORARY COVER SHALL INCLUDE AGRICULTURAL GRADE LIMESTONE APPLIED AT 1 TON/ACRE AND FERTILIZER AT THE RATE OF 50-50 PER ACRE. WHERE POSSIBLE LIMESTONE AND FERTILIZER SHALL BE WORKED INTO THE SOIL.
- PERMANENT COVER: REFER TO SPECIFICATION SECTION 31 20 00 (EARTHWORK) AND DETAIL 4/LS-501.
- AFTER SEEDING ALL AREAS SHALL BE MULCHED WITH STRAW OR HAY STEMS AT A RATE OF 3 TONS/ACRE. STRAW OR HAY SHOULD NOT BE CHOPPED OR FINELY BROKEN DURING APPLICATION. THE MULCH SHALL BE HELD IN PLACE WITH NETTING OR ASPHALT EMULSION OR CUT-BACK ASPHALT AT A RATE OF 100-150 GAL/ACRE. APPLICATIONS OF CELLULOSE FIBER OVER THE MULCH IS ALSO ACCEPTABLE.
- IF A HEALTHY STAND OF VEGETATION IS NOT ESTABLISHED, THE AREA SHALL BE RESEEDED AND MULCHED AS REQUIRED.
- WATER SHOULD BE APPLIED AS REQUIRED TO ESTABLISH A HEALTHY STAND OF VEGETATION.
- HYDRO-SEEDING IS ACCEPTABLE MEANS OF APPLICATION.

Table 1 - Compost Sock Fabric Minimum Specifications Table

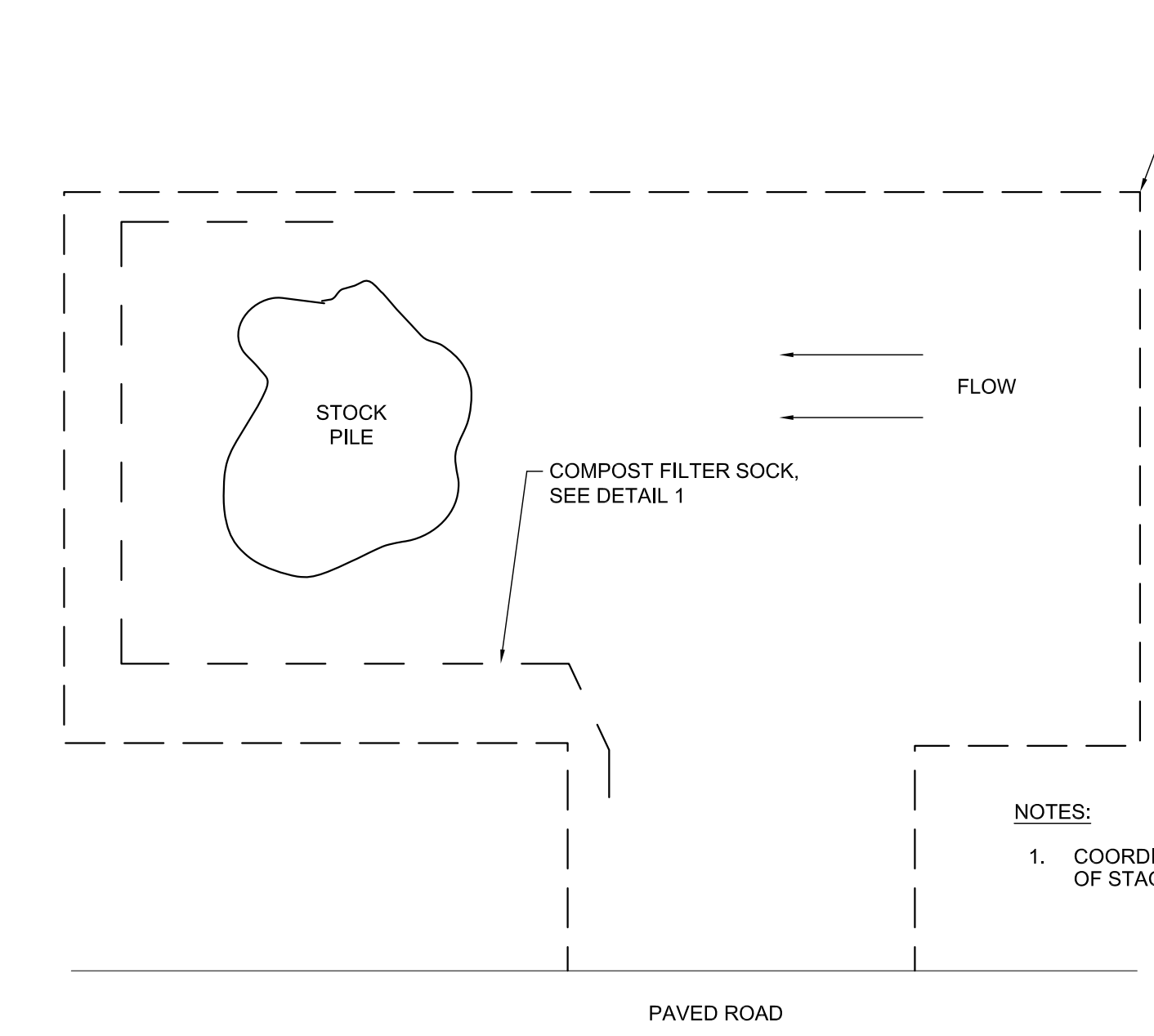
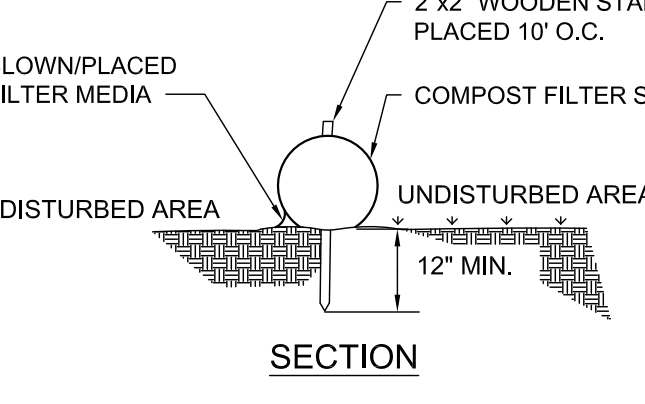
Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Filament Polypropylene (MFPP)	Heavy Duty Multi-Filament Polypropylene (HDMPPP)
Material Characteristics	Photodegradable	Photodegradable	Biodegradable	Photodegradable	Photodegradable
Sock Diameters	12" 18"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	1/8"
Tensile Strength		26 psi	26 psi	44 psi	202 psi
Ultraviolet Stability % Original Strength (ASTM G-155)	23% at 1000 hr	23% at 1000 hr		100% at 1000 hr	100% at 1000 hr
Minimum Functional Longevity	6 months	9 months	6 months	1 year	2 years

Table 2 - Compost Standards Table

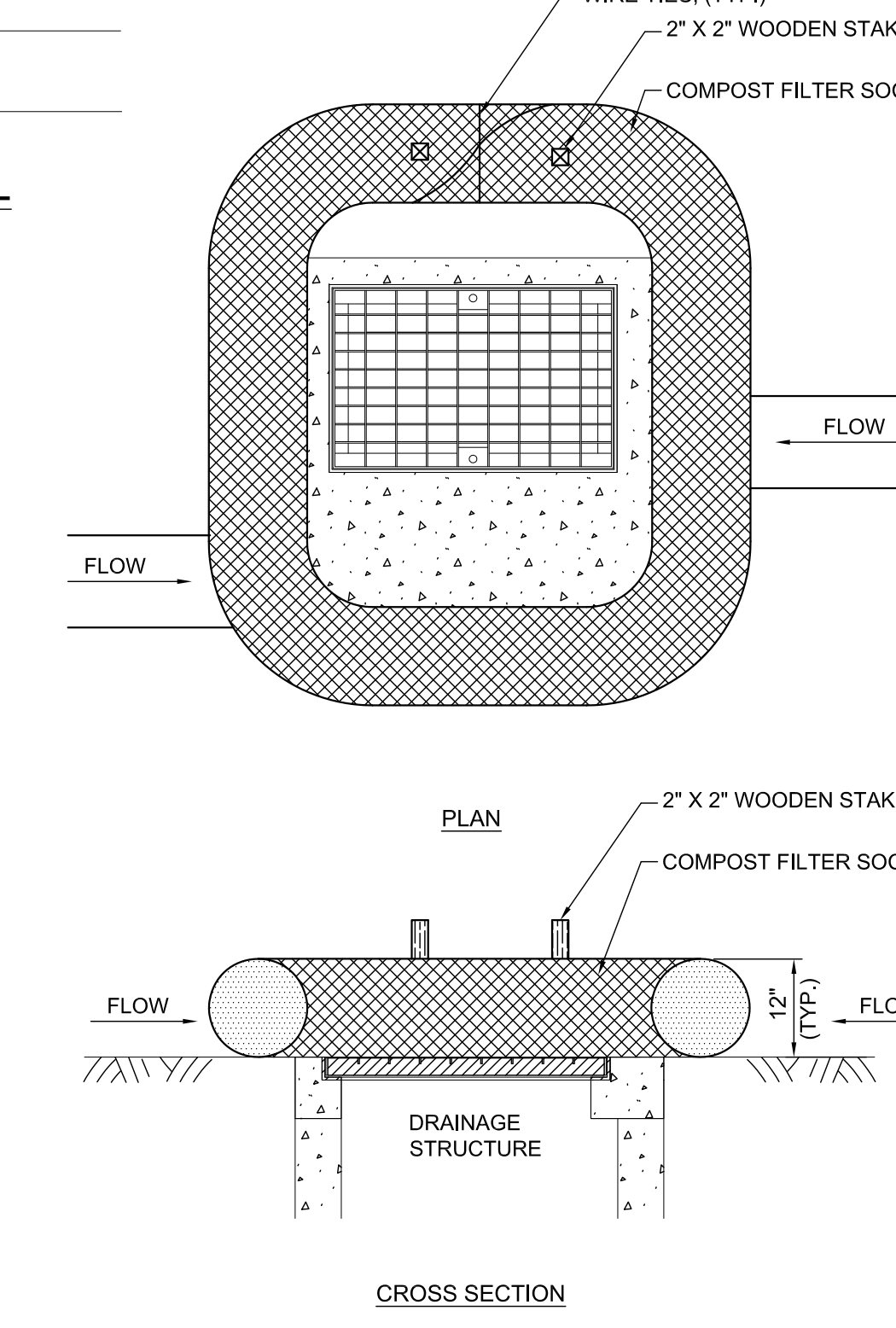
Organic matter content	25% - 100% (dry weight)
Organic portion	Fibrous and elongated
pH	6.0 - 8.0
Moisture content	30% - 60%
Particle size	100% passing a 1" screen and 10 - 50% passing a 3/8" screen
Soluble salt concentration	5.0 dS/m (mmhos/cm) maximum

NOTES:

- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 1, COMPOST SHALL MEET THE STANDARDS LISTED ON OF TABLE 2.
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THAT SHOWN IN FIGURE 1.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK.
- SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCKS, STAKES AND SOCKS SHALL BE REMOVED.
- INSTALLATION AND MAINTENANCE SHALL CONFORM TO THE PENNSYLVANIA EROSION AND SEDIMENT POLLUTION CONTROL MANUAL.



5 TYPICAL STAGING AREA DETAIL
CS-503 NTS

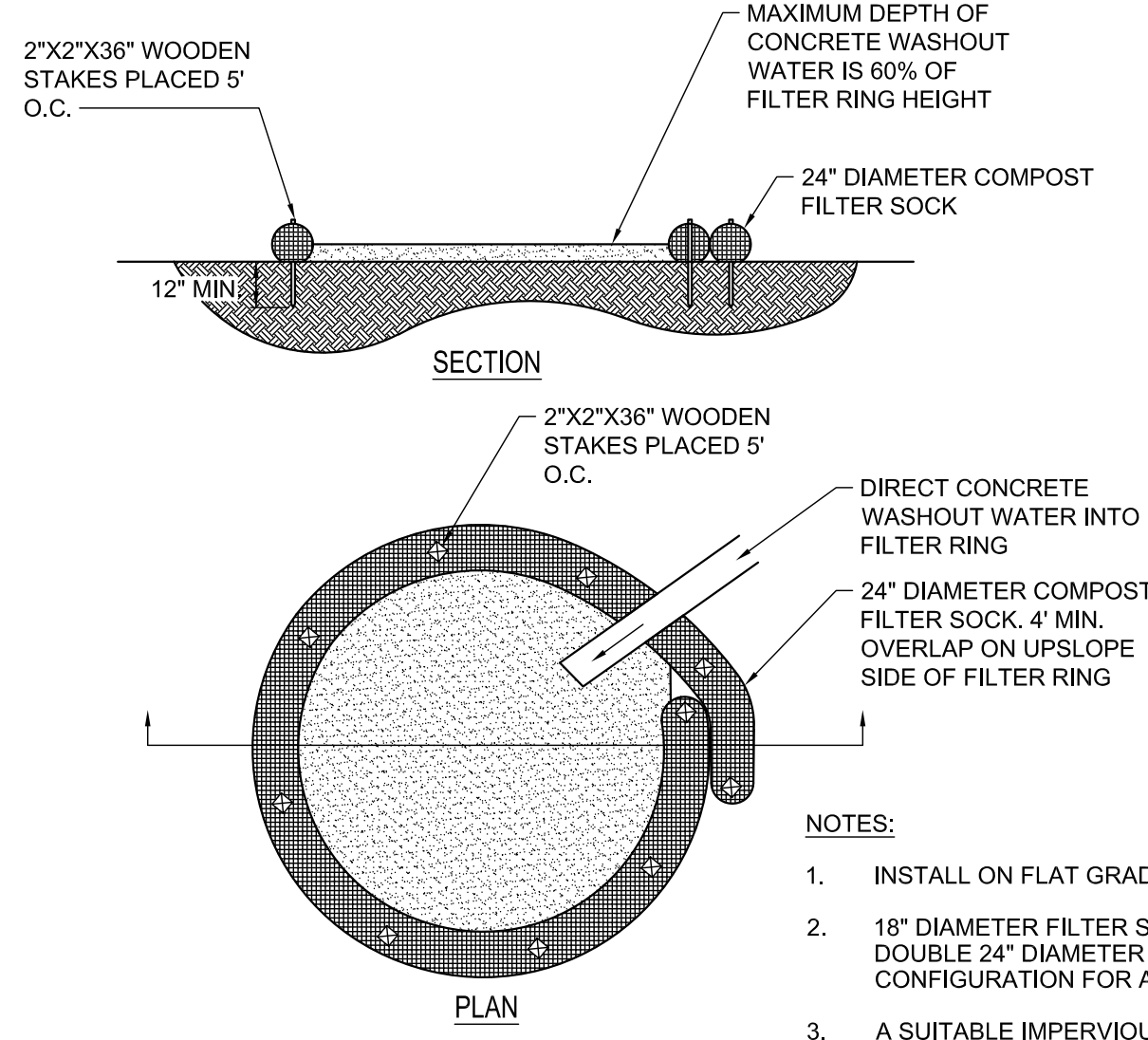


2 COMPOST FILTER INLET DETAIL
CS-503 NTS

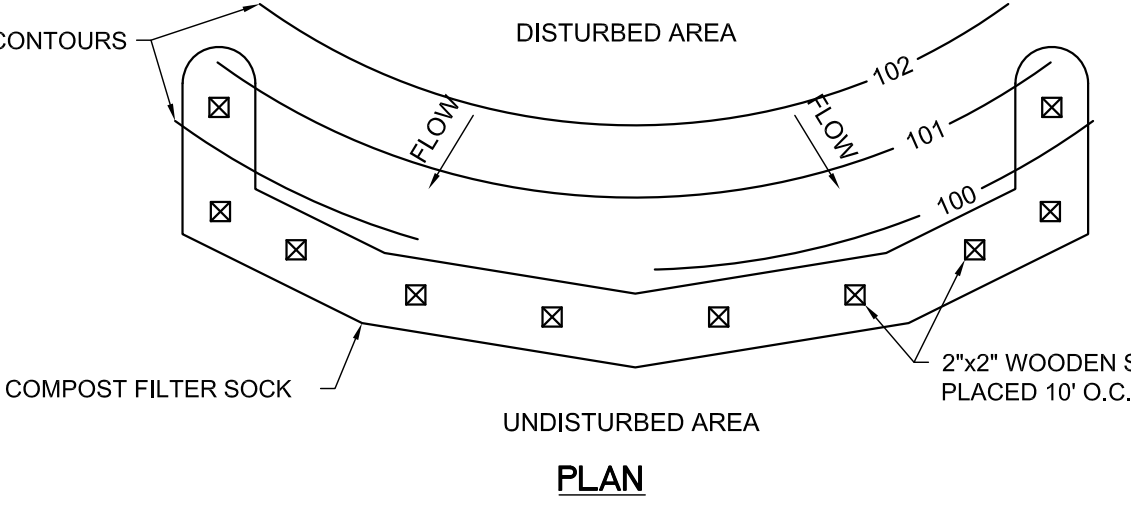
Table 3

Dia. (in.)	Slope %					
	2	5	10	20	33	50
8	225*	200	100	50	20	—
12	250	225	125	65	50	40
18	275	250	150	70	55	45
24	350	275	200	130	100	60
32	450	325	275	150	120	75

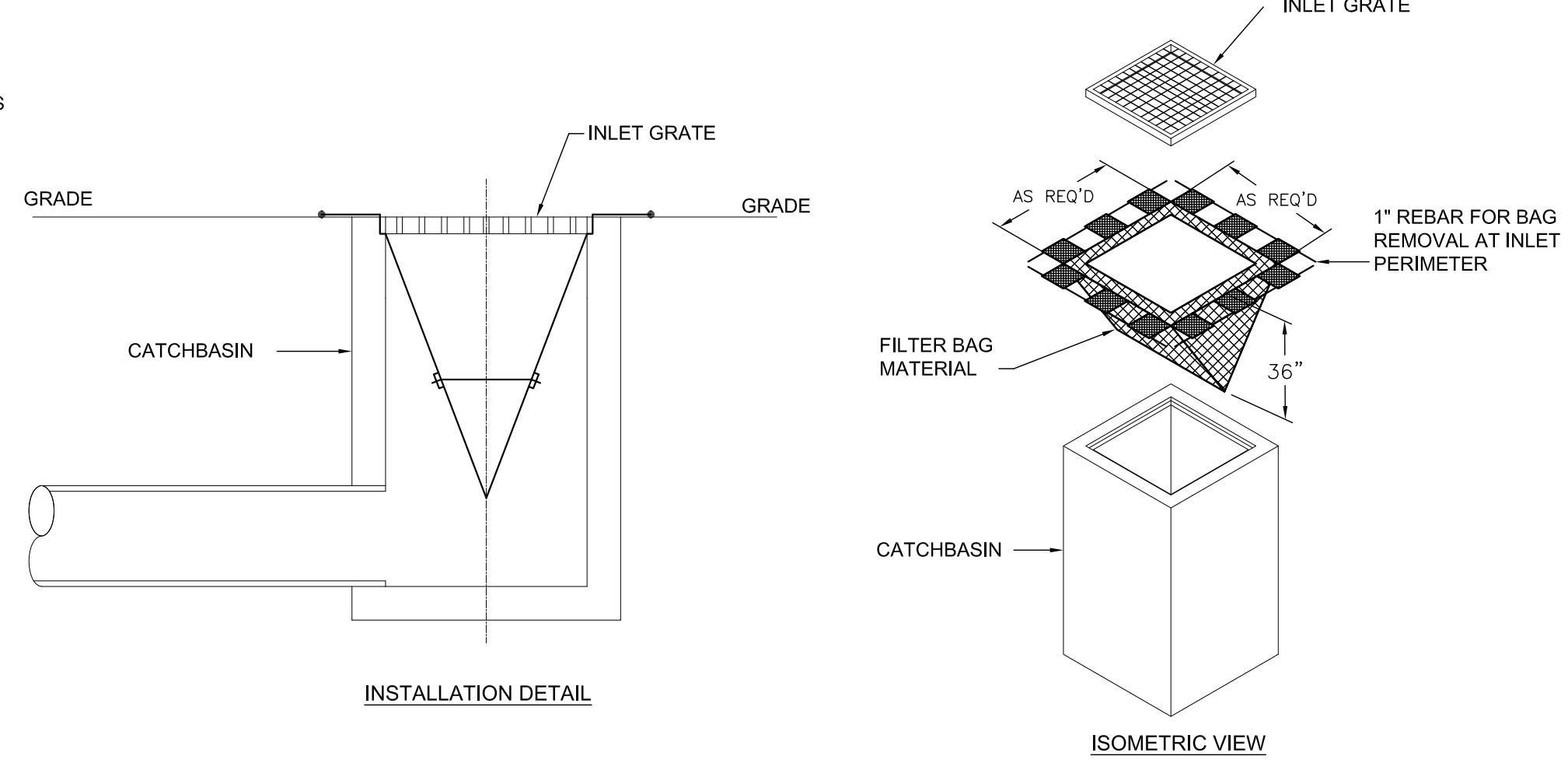
* Length in feet



4 COMPOST SOCK WASHOUT DETAIL
CS-503 NTS



1 COMPOST FILTER SOCK DETAIL
CS-503 NTS



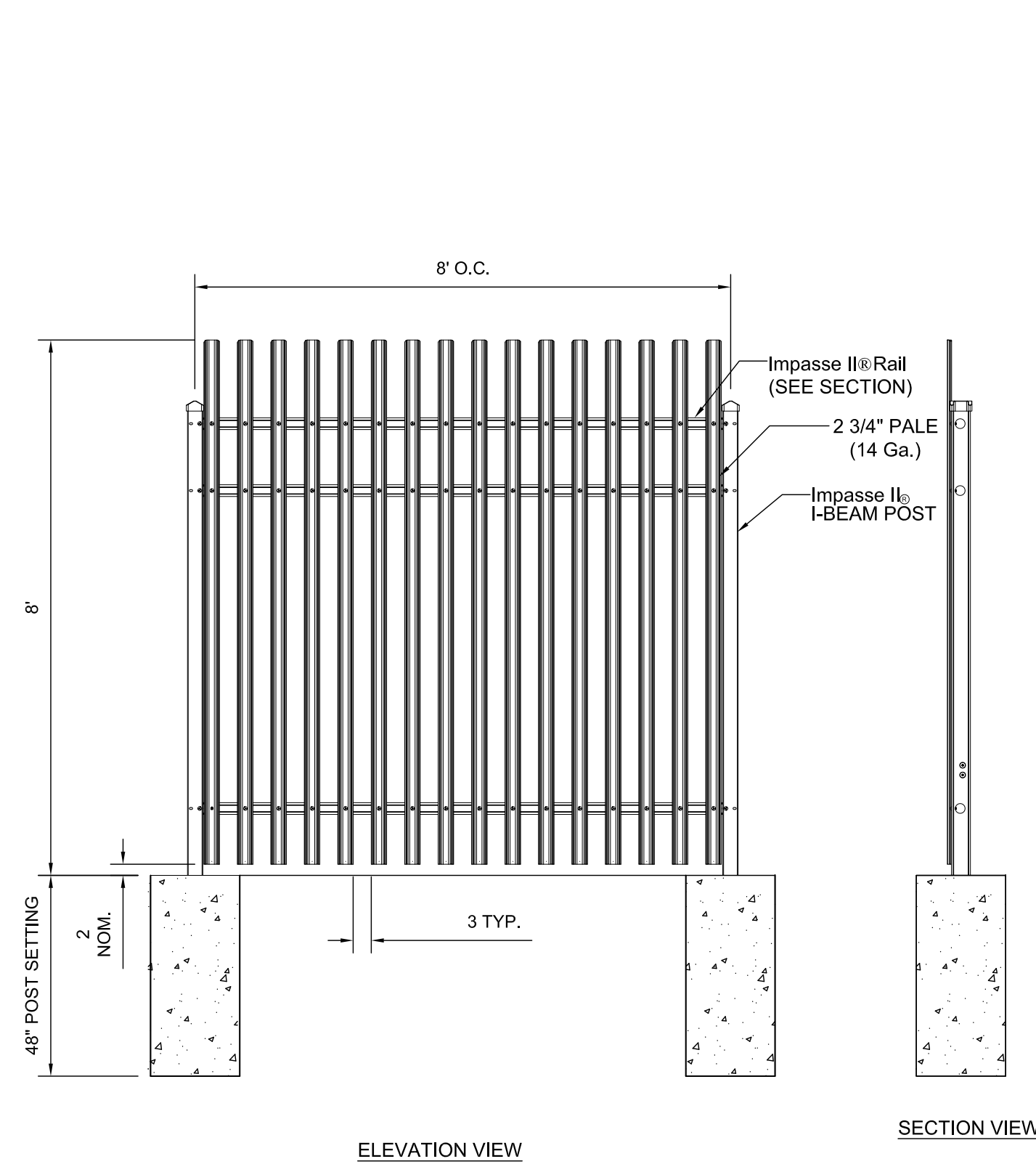
3 FILTER BAG INLET PROTECTION DETAIL
CS-503 NTS

- FILTER BAG NOTES:**
- FILTER BAGS SHOULD TRAP ALL PARTICLES LARGER THAN 150 MICRONS.
 - WHERE EVER FILTER BAGS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. FILTER BAGS DESIGNED TO FIT OVER THE INLET GRATE ARE NOT RECOMMENDED FOR MOST STORM SEWER INLETS. USE OF SUCH FILTER BAGS COULD RESULT IN A SEVERE REDUCTION OF THE INLET CAPACITY, RESULTING IN FLOODING OR RUNOFF BYPASSING THE INLET, WHERE EVER SUCH BAGS ARE USED, THEY SHOULD BE LOCATED AT TOPOGRAPHIC LOW POINTS AND LIMITED TO 1/2 ACRE MAXIMUM DRAINAGE AREAS.
 - DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.
 - FILTER BAGS SHOULD BE INSPECTED ON A DAILY BASIS AND AFTER EACH RUN-OFF EVENT.
 - FILTER BAGS SHOULD BE CLEANED AND/OR REPLACED WHEN THE BAG IS 1/3 FULL.
 - DAMAGED FILTER BAGS SHOULD BE REPLACED.
 - NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER THE INSPECTION.
 - INSTALLATION AND MAINTENANCE SHALL CONFORM TO THE PENNSYLVANIA EROSION AND SEDIMENT POLLUTION CONTROL MANUAL.

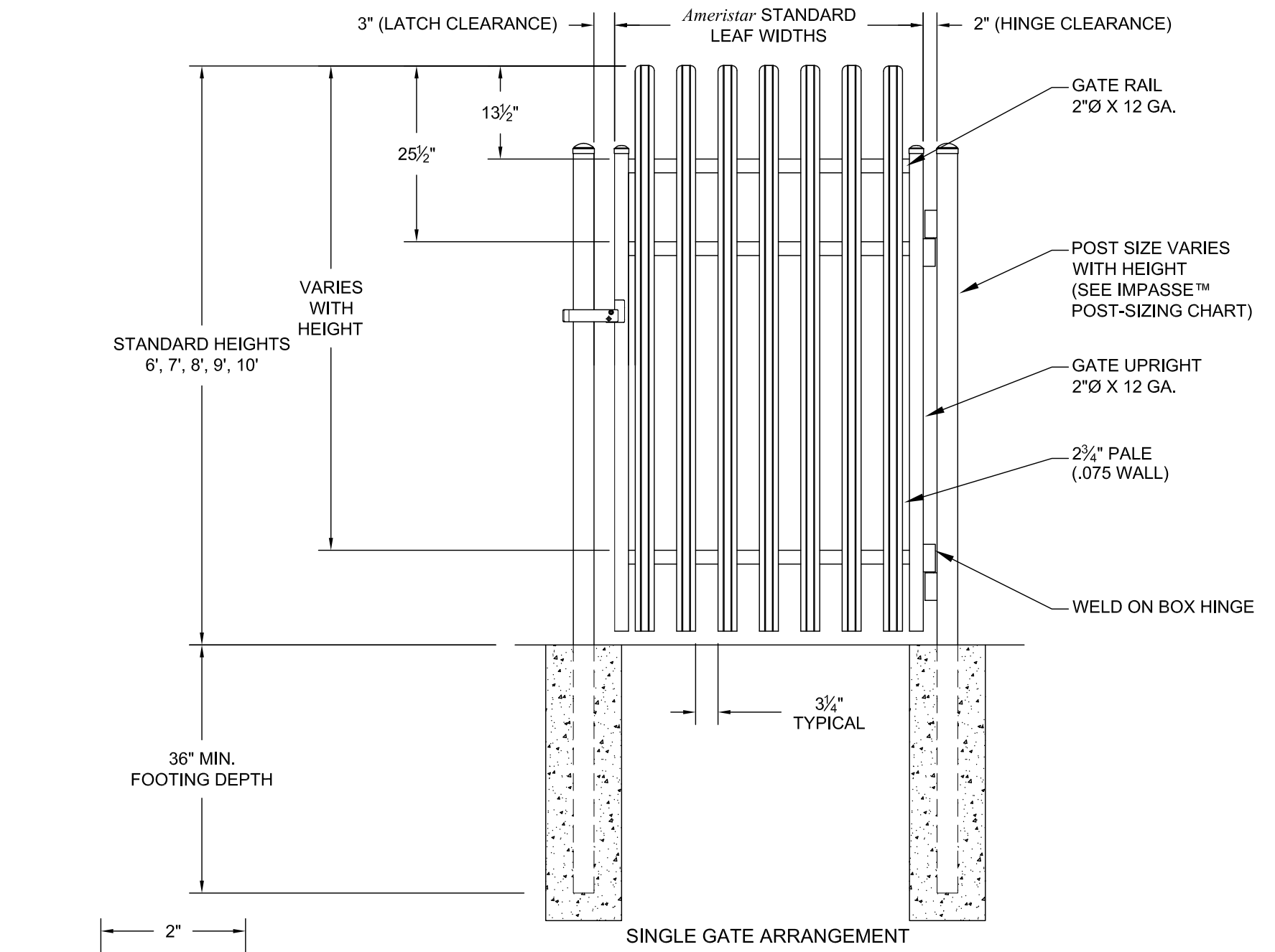
Revisions:	Date:

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C
D
E
F

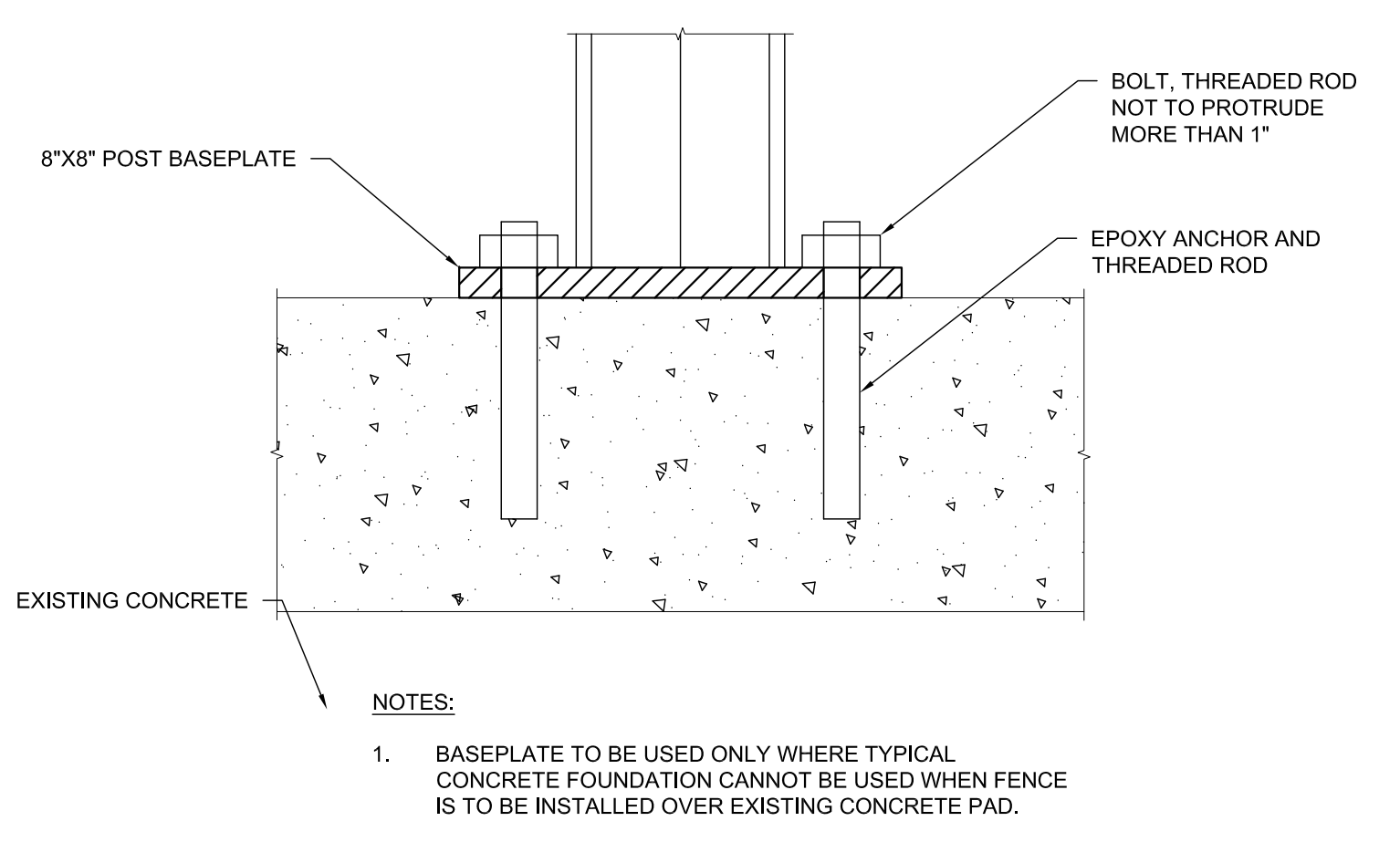


1 PICKET FENCE DETAIL
CS-504 NTS

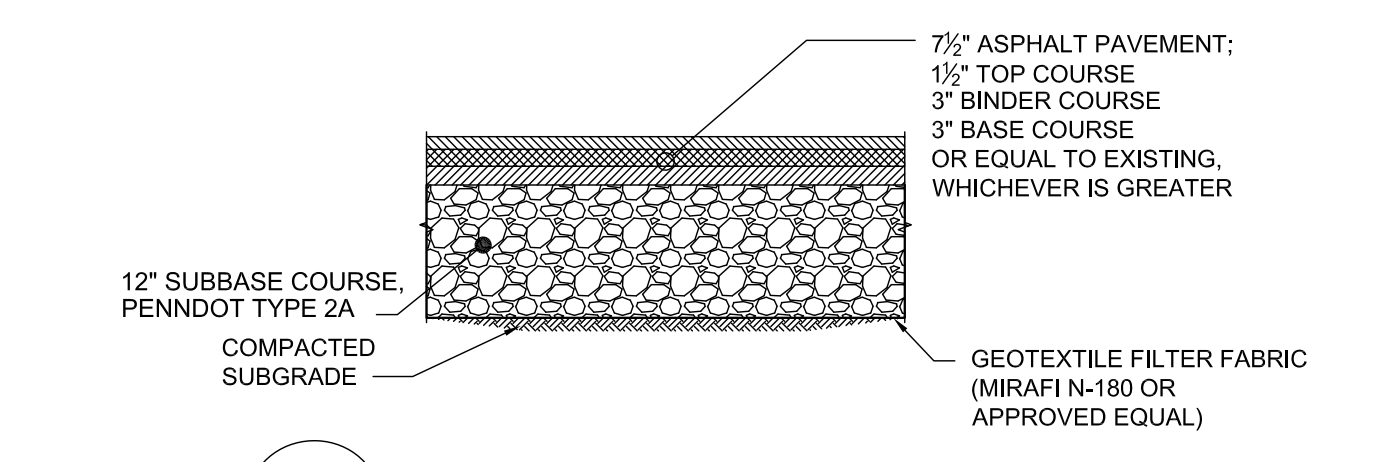


- NOTES:**
1. POST SIZE DEPENDS ON FENCE HEIGHT, WEIGHT AND WIND LOADS. SEE IMPASSE™ POST SIZING CHART.
 2. SEE AMERISTAR GATE TABLE FOR STANDARD OUT TO OUTS. CUSTOM GATE OPENINGS AVAILABLE FOR SPECIAL OUT TO OUT LEAF WIDTHS.
 3. ADDITIONAL STYLES OF GATE HARDWARE ARE AVAILABLE ON REQUEST. THIS COULD CHANGE THE LATCH & HINGE CLEARANCE.
 4. THIRD RAIL OPTIONAL. (SOME HEIGHTS NOTED REQUIRE THE THIRD RAIL.)

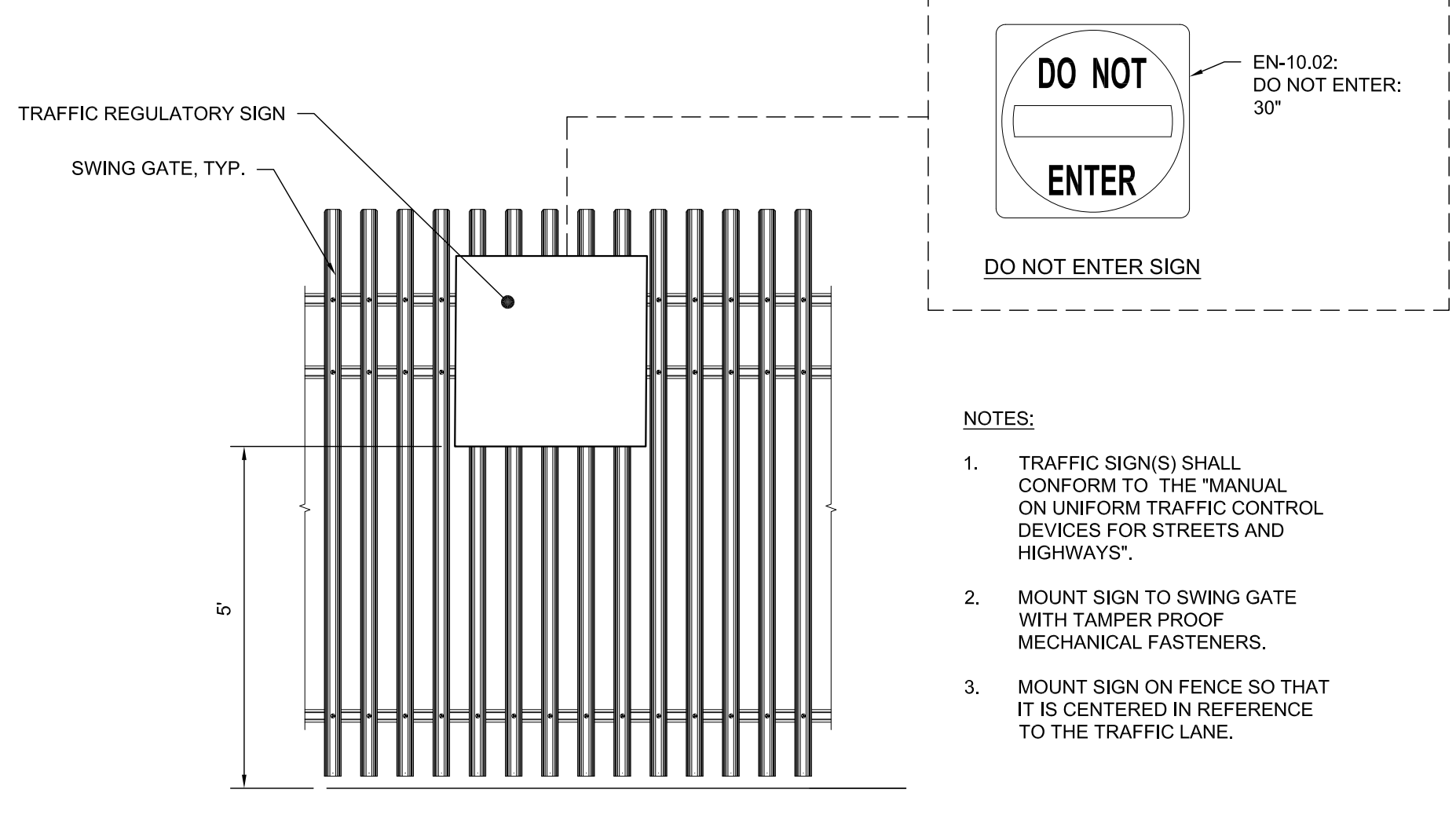
2 PICKET MAN GATE DETAIL
CS-504 NTS



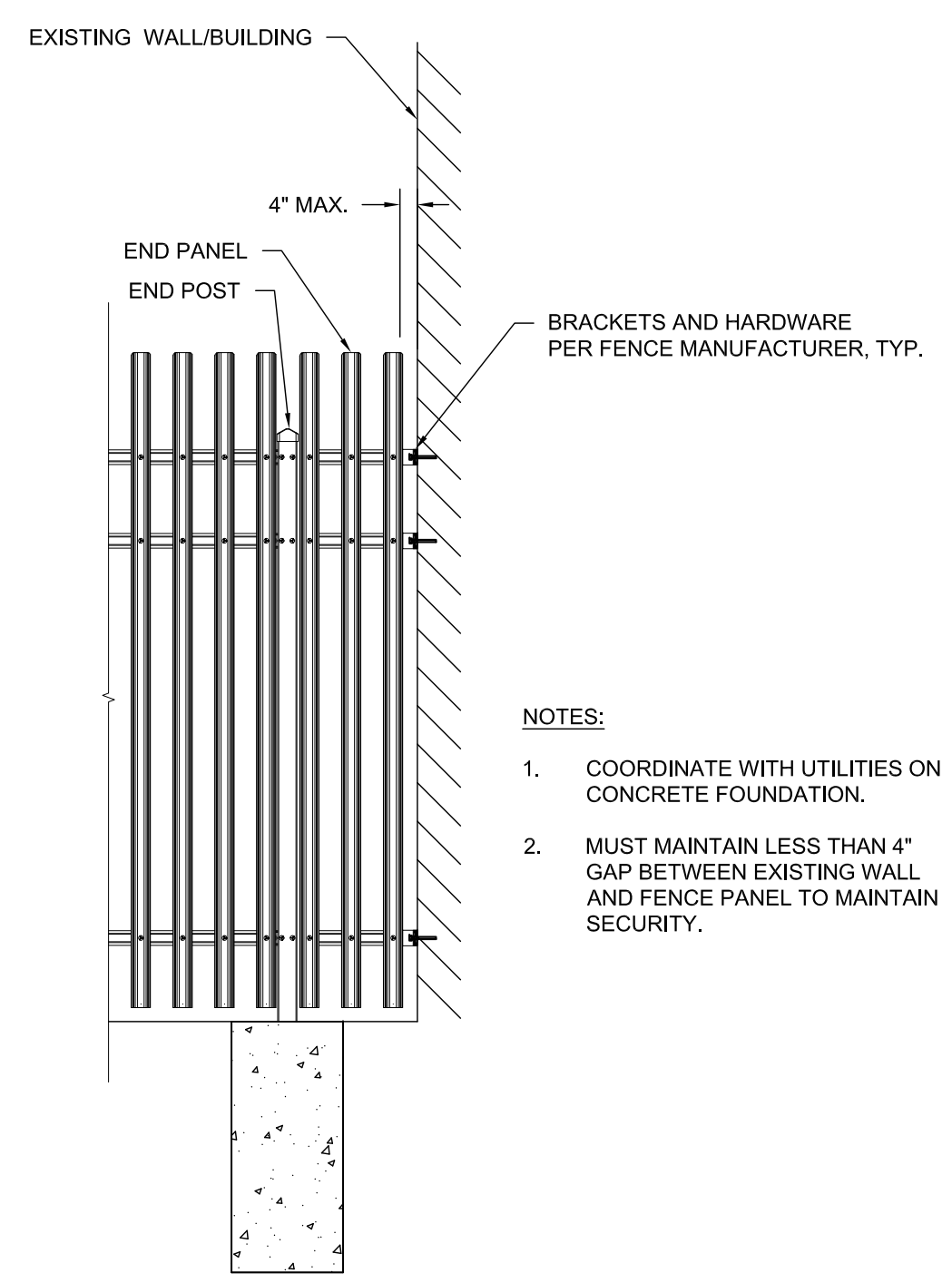
4 POST BASEPLATE DETAIL
CS-504 NTS



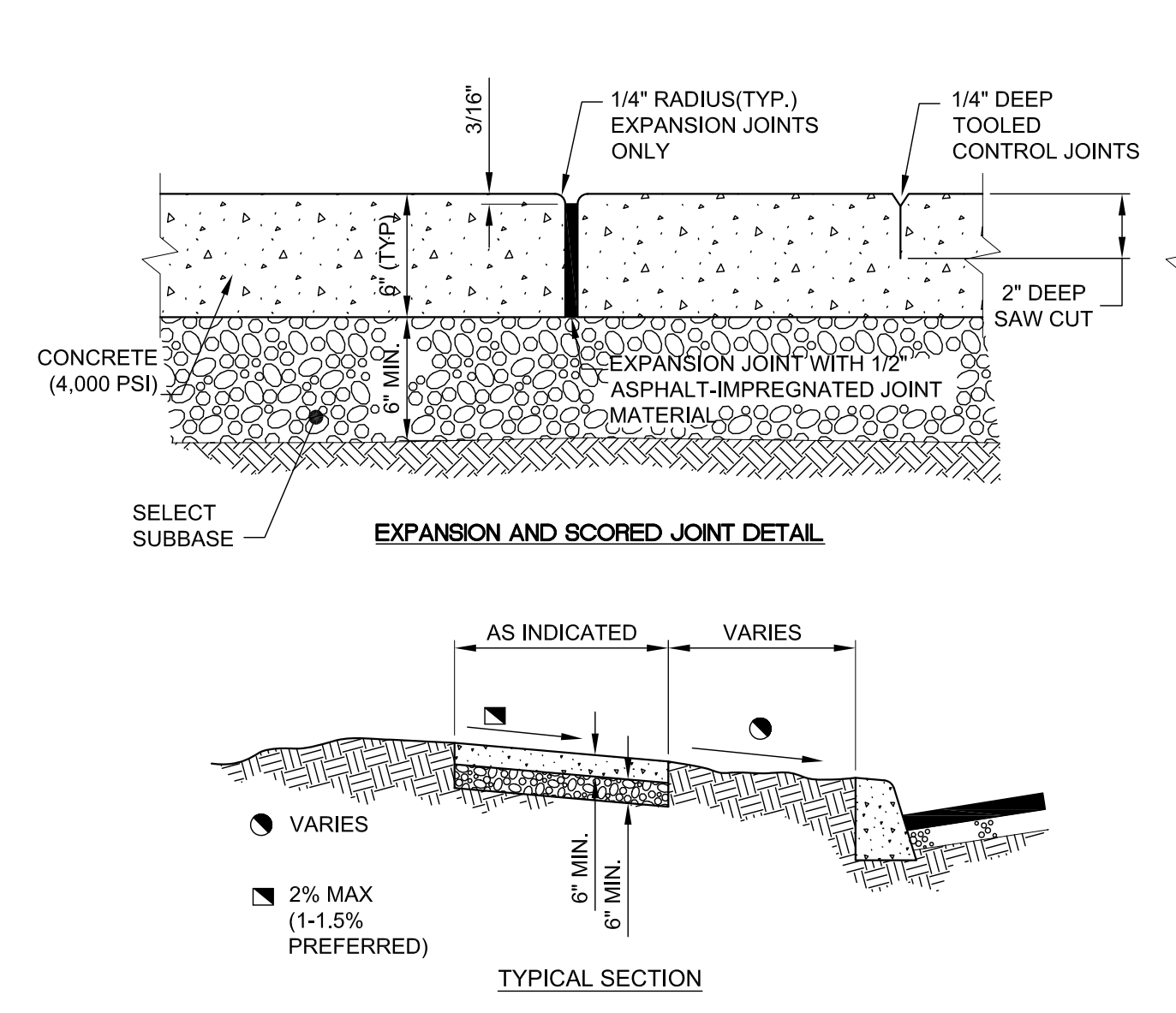
5 ASPHALT PAVEMENT DETAIL
CS-504 NTS



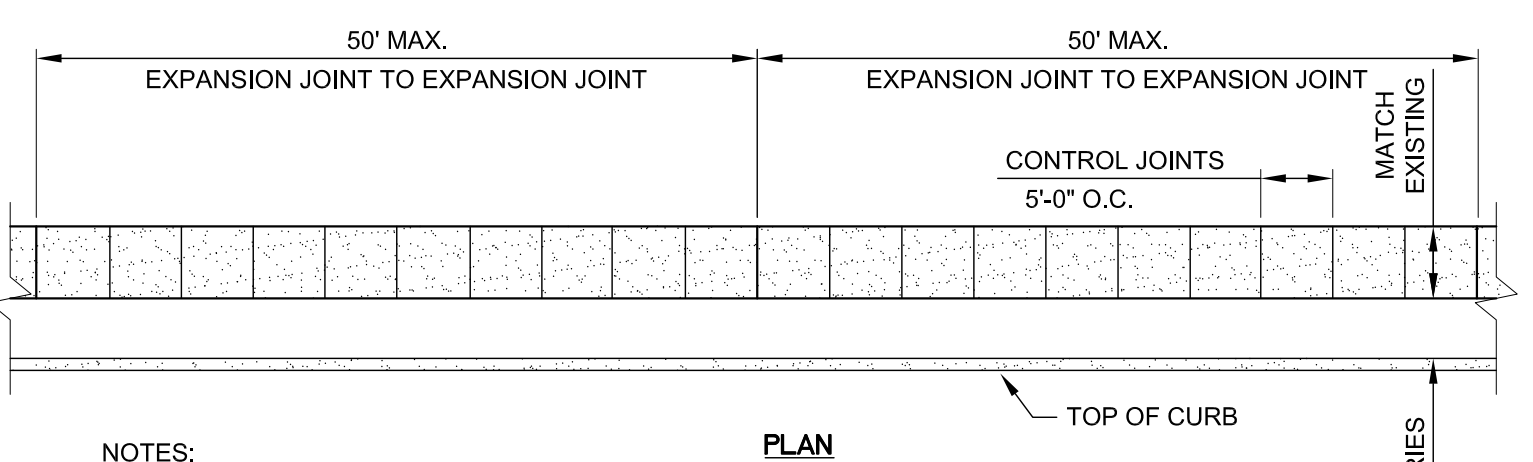
6 FENCE SIGN INSTALLATION DETAIL
CS-504 NTS



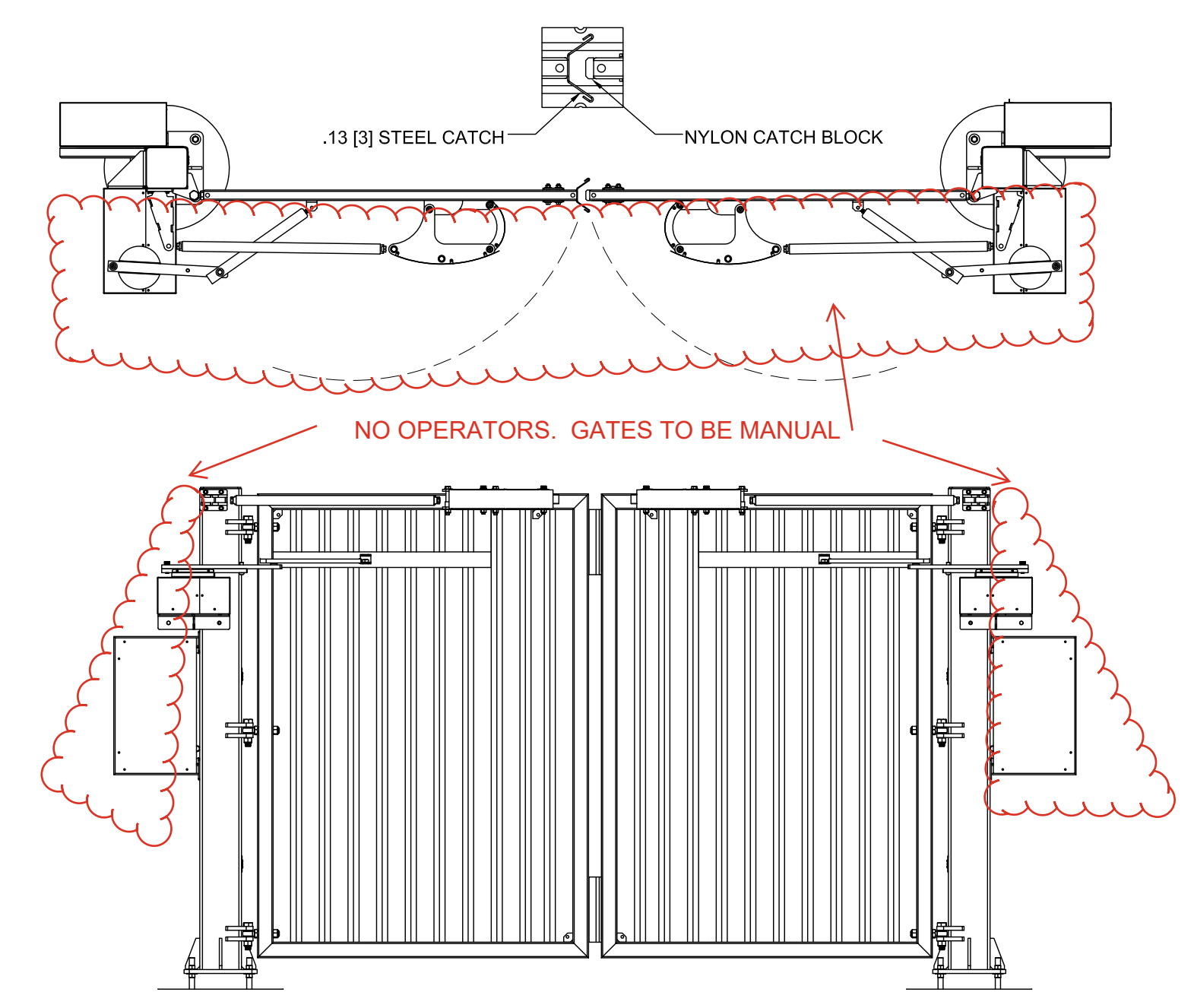
7 FENCE AND BUILDING INTERFACE DETAIL
CS-504 NTS



8 CONCRETE SIDEWALK DETAIL
CS-504 NTS



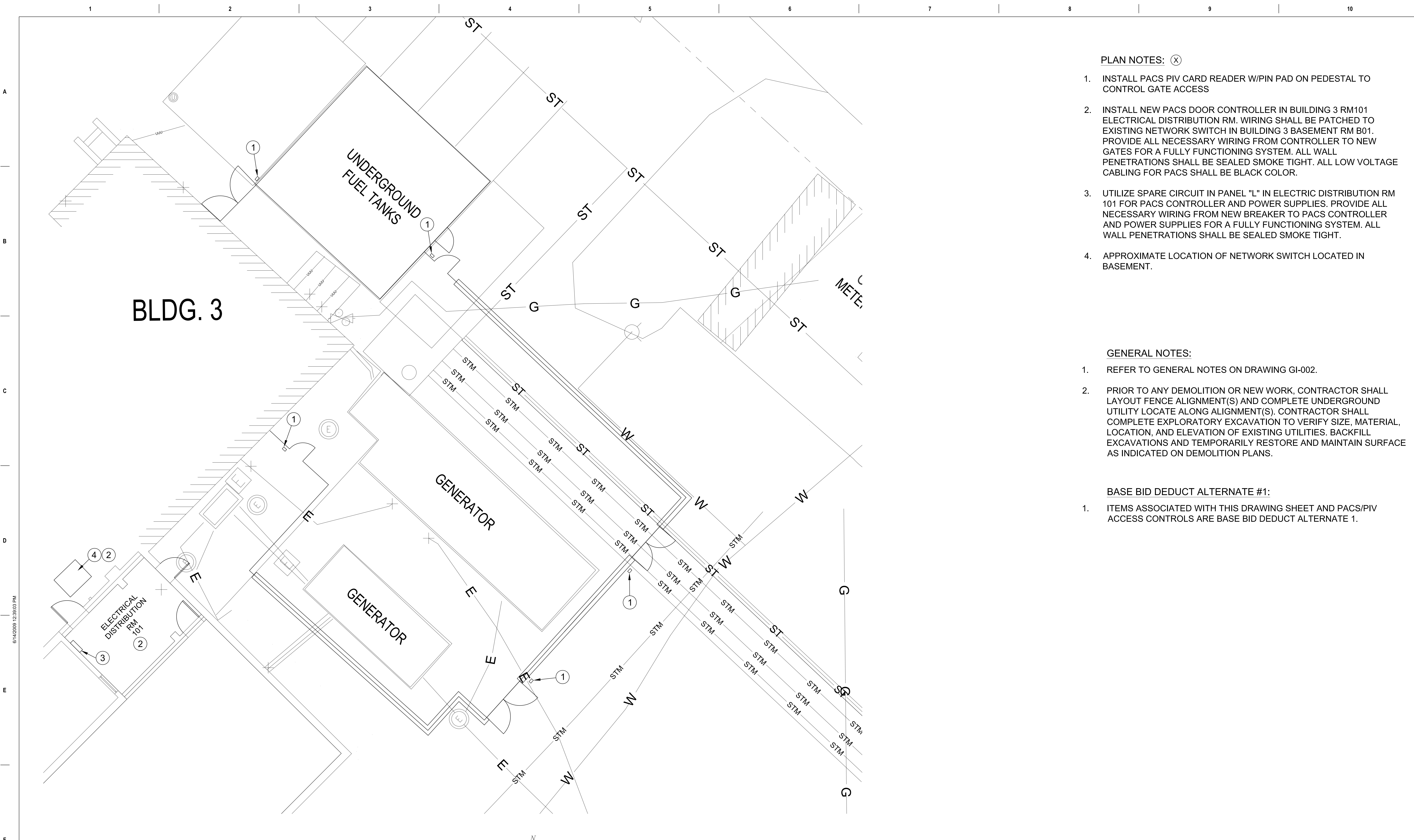
- NOTES:**
1. REMOVE EXISTING SIDEWALK AND/OR A MINIMUM OF 6\"/>
 - 2. INSTALL A MINIMUM OF 6\"/>
 - 3. FORM SIDEWALK WITH WOOD OR METAL.
 - 4. UNLESS OTHERWISE INDICATED, SIDEWALK WIDTH AND HEIGHT SHALL MATCH EXISTING SIDEWALK WITH NO BUMPS UP OR DOWN (1/16\"/>
 - 5. NEW SIDEWALK SHALL BE A MINIMUM OF 6\"/>
 - 6. EXPANSION JOINTS WITH 1/2\"/>
 - 7. FOR CONCRETE REQUIREMENTS, SEE SPECIFICATIONS. CONCRETE SHALL CONTAIN FIBERS.
 - 8. TOOL IN 1/4\"/>
 - 9. SCREED SIDEWALK THEN FLOAT WITH A MAGNESIUM FLOAT. SURFACE SHOULD BE HAND WORKED TO ENSURE IT IS TIGHT WITH NO STONE AT THE SURFACE.
 - 11. SEAL CONCRETE WITH SPRAY-ON SEALER.



10 SWING GATE DETAIL
CS-504 NTS

File Path

Revisions:		Date:		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title FENCE AND GATE DETAILS	Phase CONSTRUCTION DOC.	Project Title Install Generator Fencing	Project Number 503-25-102
							Approved: Project Director			Location JAMES E VAN ZANDT MED CENTER	Building Number
										Issue Date 10/10/2024	Checked AMH
										Drawn MAD	Drawing Number CS-504



- PLAN NOTES:** (X)
1. INSTALL PACS PIV CARD READER W/PIN PAD ON PEDESTAL TO CONTROL GATE ACCESS
 2. INSTALL NEW PACS DOOR CONTROLLER IN BUILDING 3 RM101 ELECTRICAL DISTRIBUTION RM. WIRING SHALL BE PATCHED TO EXISTING NETWORK SWITCH IN BUILDING 3 BASEMENT RM B01. PROVIDE ALL NECESSARY WIRING FROM CONTROLLER TO NEW GATES FOR A FULLY FUNCTIONING SYSTEM. ALL WALL PENETRATIONS SHALL BE SEALED SMOKE TIGHT. ALL LOW VOLTAGE CABLING FOR PACS SHALL BE BLACK COLOR.
 3. UTILIZE SPARE CIRCUIT IN PANEL "L" IN ELECTRIC DISTRIBUTION RM 101 FOR PACS CONTROLLER AND POWER SUPPLIES. PROVIDE ALL NECESSARY WIRING FROM NEW BREAKER TO PACS CONTROLLER AND POWER SUPPLIES FOR A FULLY FUNCTIONING SYSTEM. ALL WALL PENETRATIONS SHALL BE SEALED SMOKE TIGHT.
 4. APPROXIMATE LOCATION OF NETWORK SWITCH LOCATED IN BASEMENT.

- GENERAL NOTES:**
1. REFER TO GENERAL NOTES ON DRAWING GI-002.
 2. PRIOR TO ANY DEMOLITION OR NEW WORK, CONTRACTOR SHALL LAYOUT FENCE ALIGNMENT(S) AND COMPLETE UNDERGROUND UTILITY LOCATE ALONG ALIGNMENT(S). CONTRACTOR SHALL COMPLETE EXPLORATORY EXCAVATION TO VERIFY SIZE, MATERIAL, LOCATION, AND ELEVATION OF EXISTING UTILITIES. BACKFILL EXCAVATIONS AND TEMPORARILY RESTORE AND MAINTAIN SURFACE AS INDICATED ON DEMOLITION PLANS.

- BASE BID DEDUCT ALTERNATE #1:**
1. ITEMS ASSOCIATED WITH THIS DRAWING SHEET AND PACS/PIV ACCESS CONTROLS ARE BASE BID DEDUCT ALTERNATE 1.

6/14/2024 12:39:50 PM

CIVIL SITE PLAN
SCALE: 2" = 1'-0"

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title ELECTRICAL PLAN	Phase CONSTRUCTION DOC.	Project Title Install Generator Fencing	Project Number 503-25-102
					VA U.S. Department of Veterans Affairs	Approved: Project Director		Location JAMES E VAN ZANDT MED CENTER	Building Number
								Issue Date 10/10/2024	Checked AMH
								Drawn MAD	Drawing Number EP-101