



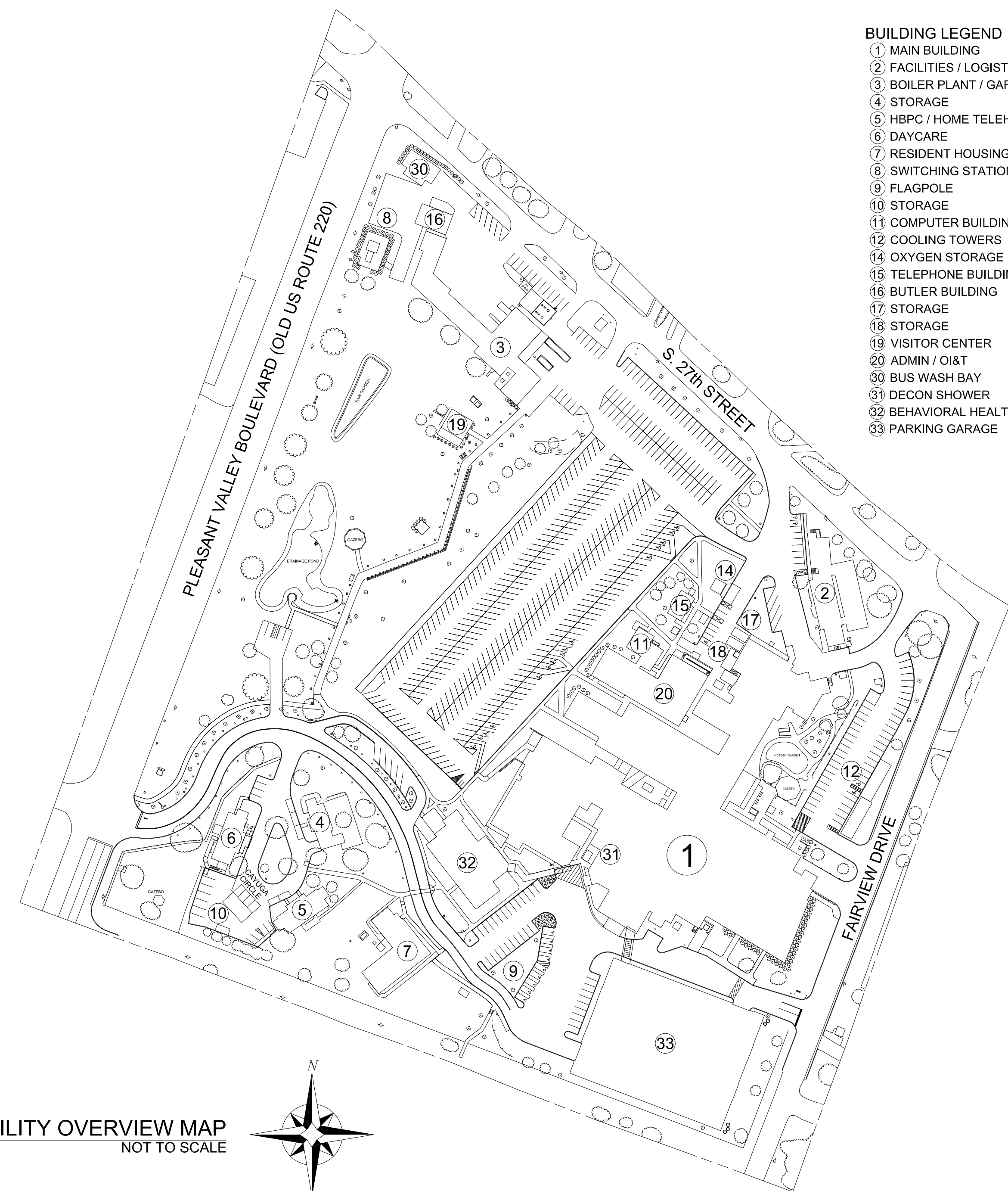
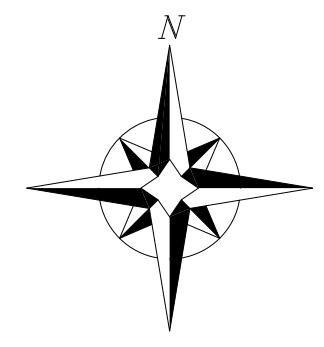
JAMES E. VAN ZANDT VETERANS
ADMINISTRATION MEDICAL CENTER
ALTOONA, PA.

INSTALL GENERATOR FENCING

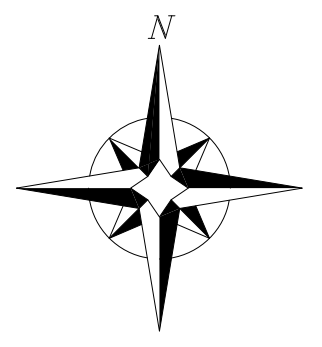
PROJECT # 503-25-102



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

File Path

VA FORM 08-6231

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title COVER SHEET	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 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 SUBJECT 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

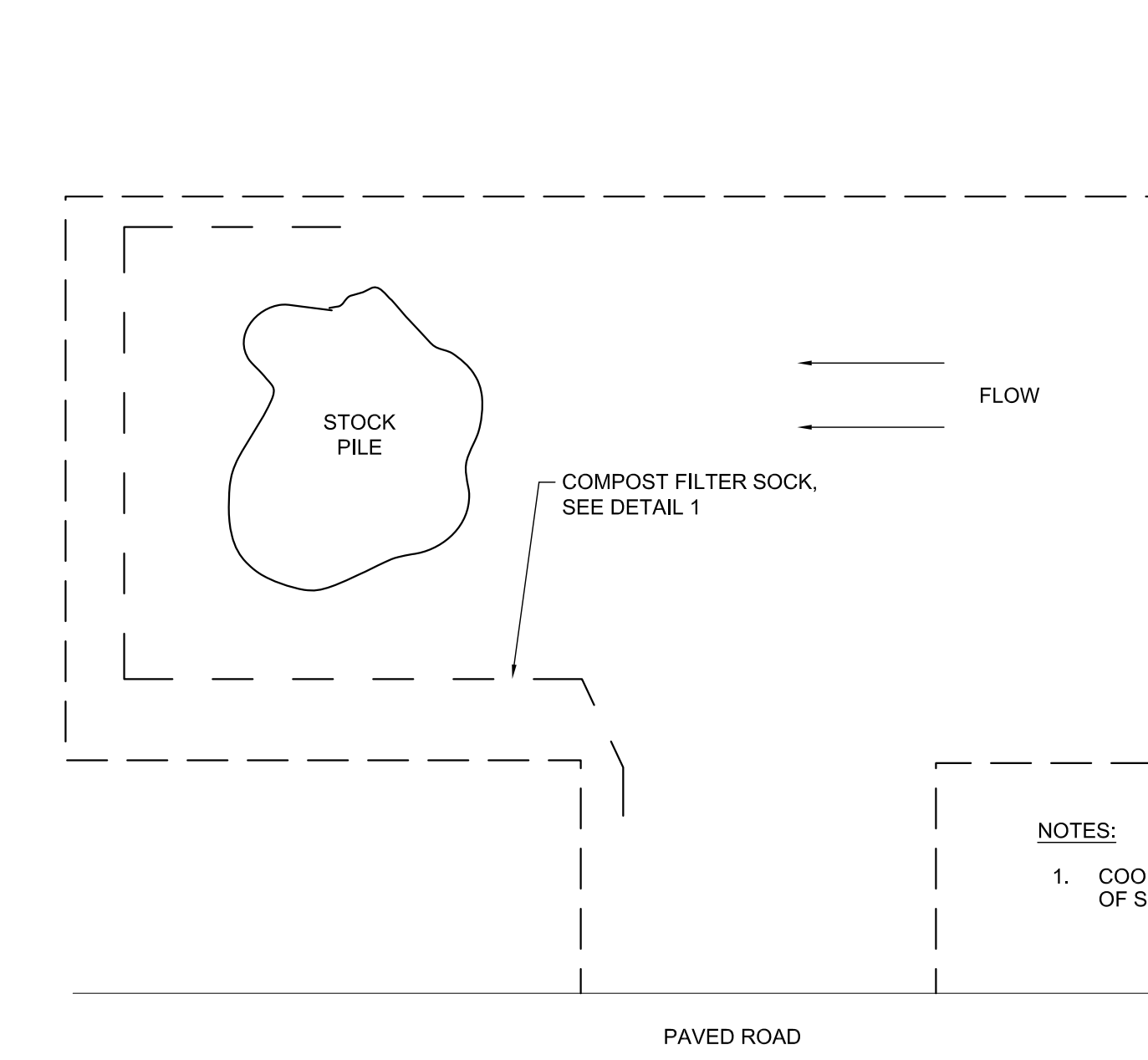
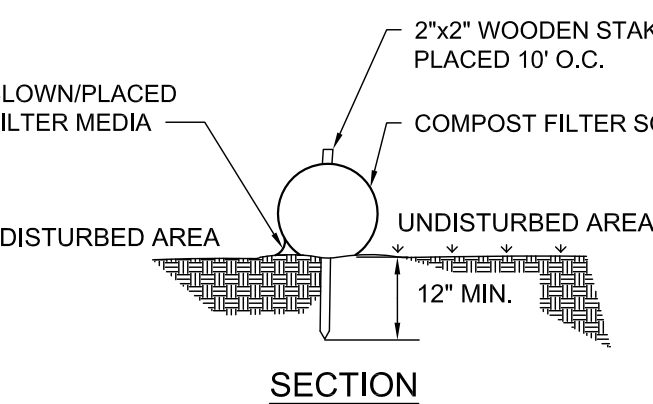
Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Filament Polypropylene (MFPP)	Heavy Duty Multi-Filament Polypropylene (HDMPPP)
Material Characteristics	Photodegradable	Photodegradable	Biodegradable	Photodegradable	Photodegradable
Sock Diameters	12" 18"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 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

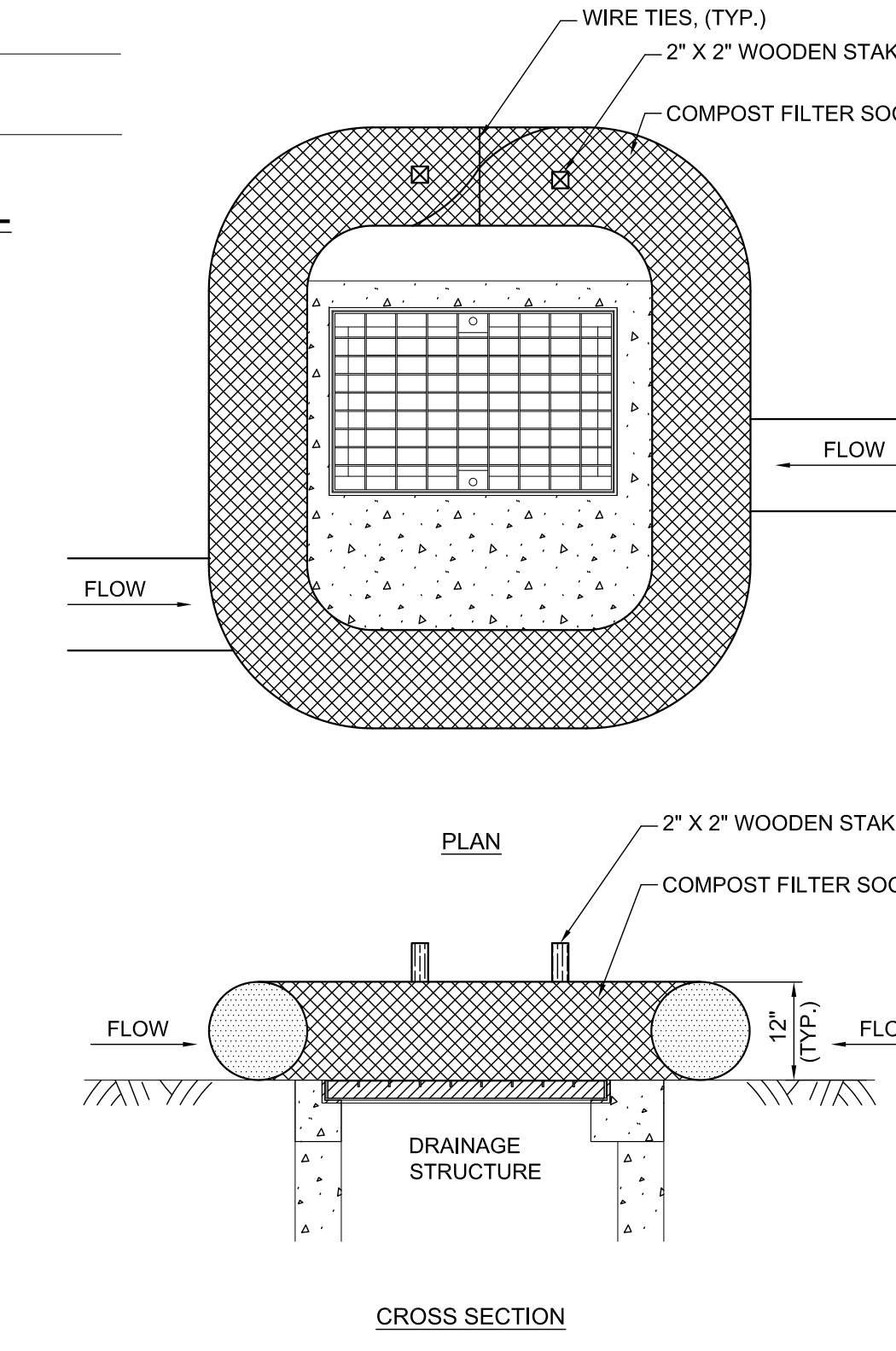
Organic matter content	25% - 100% (dry weight)
Organic portion	Fibrous and elongated
pH	6.0 - 8.0
Moisture content	30% - 60%
Particle size	100% passing a 1" screen and 10 - 50% passing a 3/8" screen
Soluble salt concentration	5.0 dS/m (mmhos/cm) maximum

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 TABLE 3.
- 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

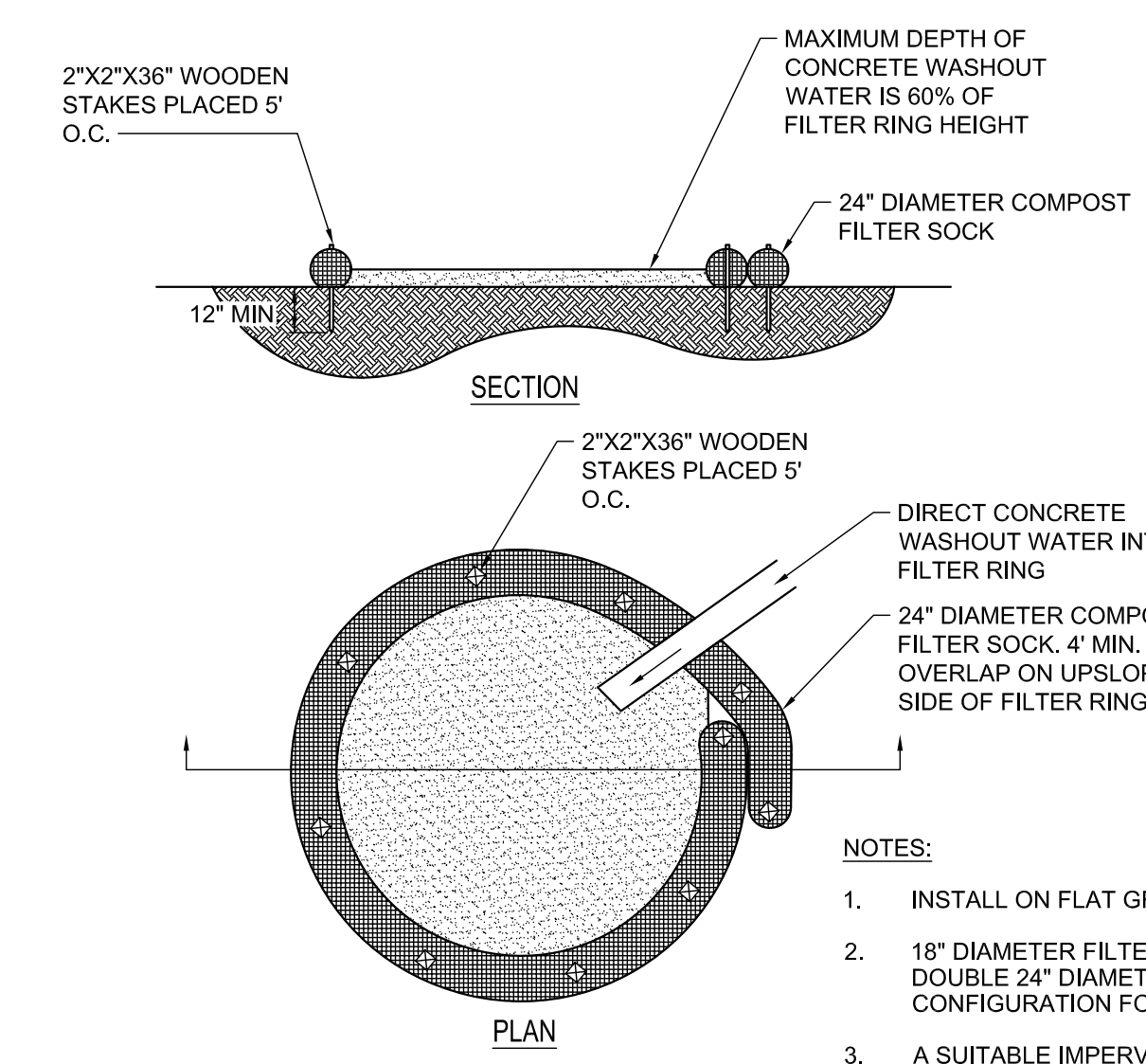


2 COMPOST FILTER INLET DETAIL
CS-503 NTS

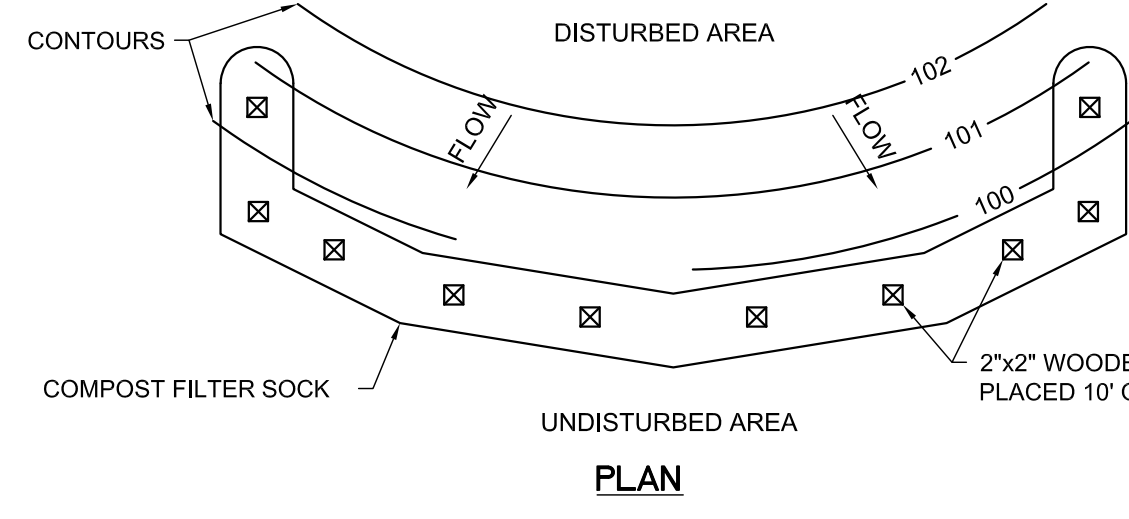
Table 3

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

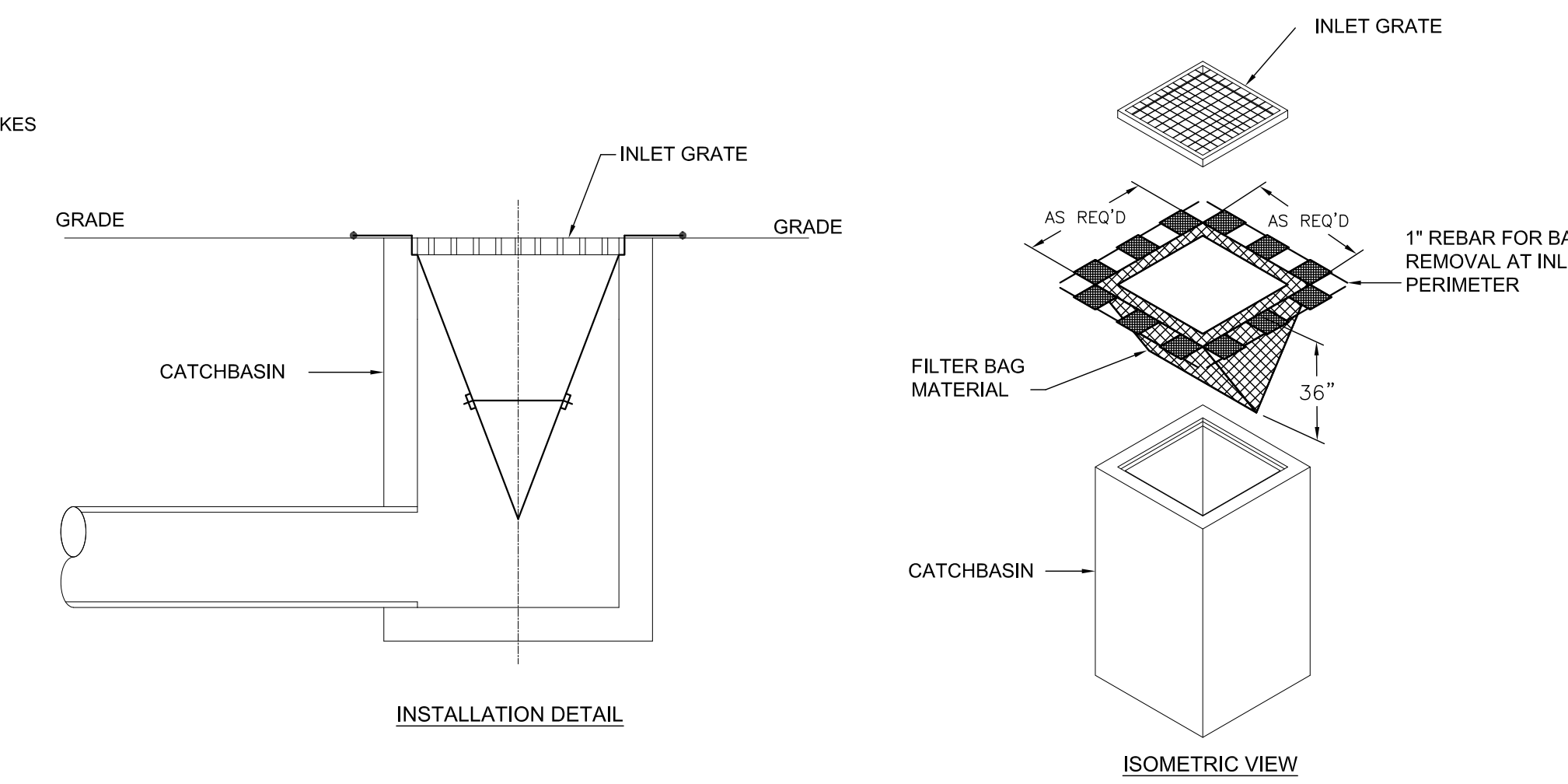
* Length in feet



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

NOTES:

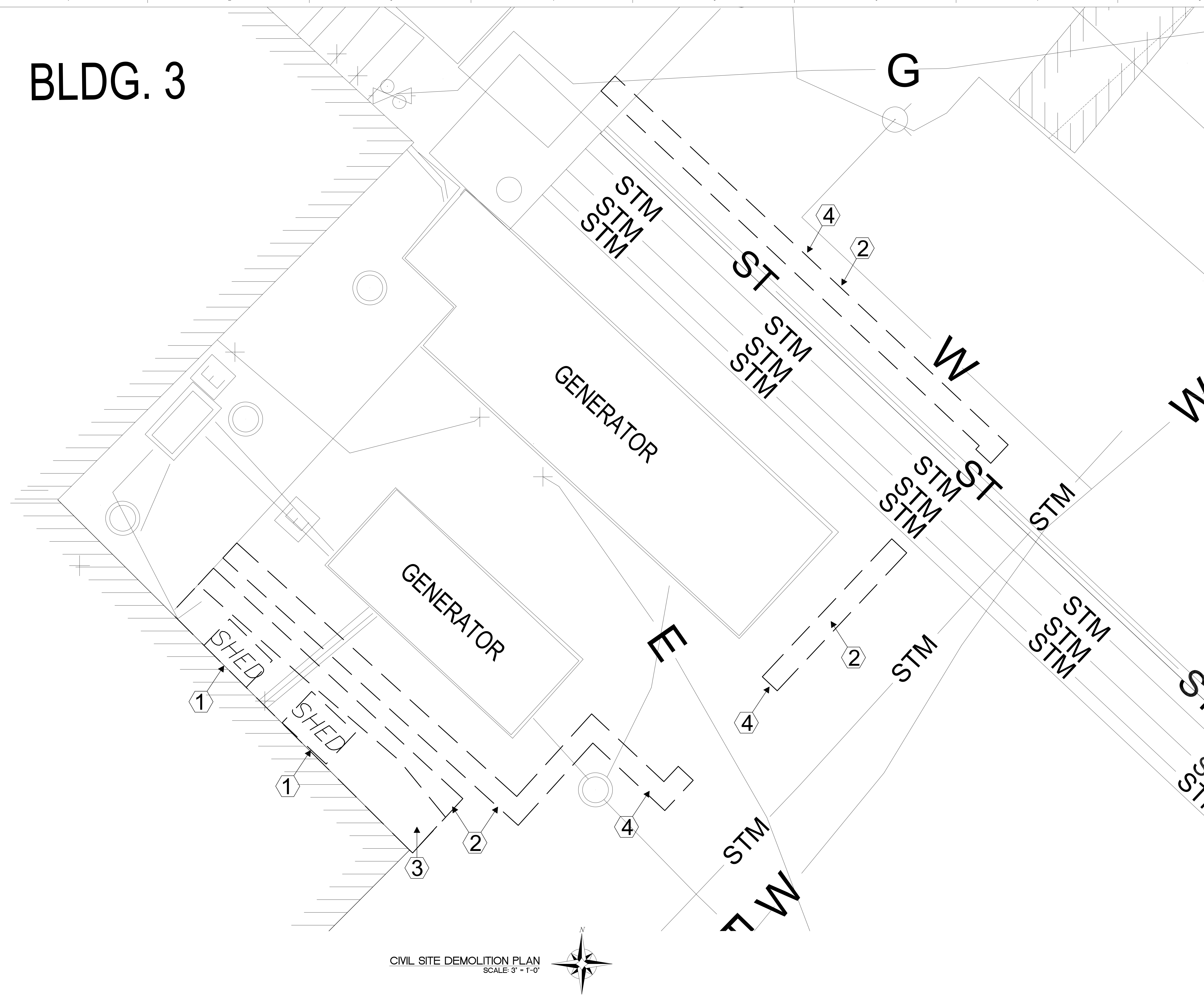
- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 1. DETAIL 1 THIS SHEET. COMPOST SHALL MEET THE STANDARDS LISTED ON OF TABLE 2. DETAIL 1 THIS SHEET.
- WIRE THE ENDS OF SOCK TOGETHER AS SHOWN. PLACE A MINIMUM OF TWO (2) WOODEN STAKES WHERE GROUND CONDITIONS ALLOW. WHERE GROUND CONDITIONS DO NOT ALLOW STAKES, USE CONCRETE BLOCKS (OR EQUIVALENT) BEHIND FILTER SOCK TO HELP STABILIZE.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
- DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.
- 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 OR REMOVAL OF THE STRUCTURE, STAKES AND SOCKS SHALL BE REMOVED.
- INSTALLATION AND MAINTENANCE SHALL CONFORM TO THE PENNSYLVANIA EROSION AND SEDIMENT POLLUTION CONTROL MANUAL.

FILTER BAG NOTES:

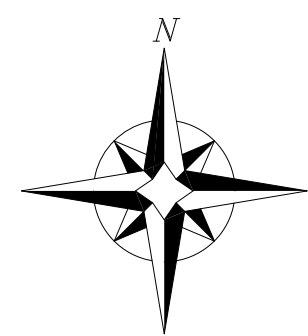
- FILTER BAGS SHOULD TRAP ALL PARTICLES LARGER THAN 150 MICRONS.
- WHERE EVER FILTER BAGS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. FILTER BAGS DESIGNED TO FIT OVER THE INLET GRATE ARE NOT RECOMMENDED FOR MOST STORM SEWER INLETS. USE OF SUCH FILTER BAGS COULD 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.

CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP	Office of Construction and Facilities Management	Drawing Title	GENERAL NOTES AND E&S CONTROLS	Phase	CONSTRUCTION DOC.	Project Title	Install Generator Fencing	Project Number	503-25-102
Revisions:		Date:			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	GI-002

BLDG. 3



CIVIL SITE DEMOLITION PLAN
SCALE: 3" = 1'-0"



DEMOLITION PLAN NOTES: (X)

1. SHED RELOCATED BY OTHERS.
2. SAW-CUT ASPHALT PAVEMENT.
3. DEMOLISH AND REMOVE ASPHALT PAVEMENT AND GRAVEL PAD.
4. DEMOLISH AND REMOVE ASPHALT PAVEMENT.

GENERAL DEMOLITION NOTES:

1. REFER TO DRAWING GI-002 FOR GENERAL NOTES.
2. ITEMS TO BE DEMOLISHED AND/OR REMOVED ARE DARK AND DASHED ON THE DEMOLITION PLANS.
3. CONTRACTOR SHALL PROVIDE TRAFFIC REROUTING (SIGNAGE) AND CONTROLS REQUIRED FOR ALL ROAD CLOSURES AND DETOURS. COORDINATE WITH COR FOR ALL ROAD CLOSURES AND OBTAIN ROAD CLOSURE PERMIT(S) FROM VA.
4. CONTRACTOR SHALL FILL ANY EXCAVATIONS OR HOLES LEFT BY DEMOLITION AND REMOVAL WORK WITH APPROVED MATERIALS. ALL FILLS AND BACKFILLS SHALL BE COMPACTED AS SPECIFIED.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE BEFORE CONSTRUCTION/DEMOLITION BEGINS. EROSION AND SEDIMENT CONTROL MEASURES SHALL ALSO BE MAINTAINED THROUGHOUT THE CONSTRUCTION.
6. THE CONTRACTOR SHALL NOT REMOVE ANY LIGHT POSTS, SIGNS, UTILITY MARKERS, TREES, SHRUBBERY, FENCE OR OTHER OBSTRUCTIONS OUTSIDE OF THE WORK AREA FOOTPRINTS WITHOUT THE PRIOR APPROVAL OF THE COR, UNLESS OTHERWISE NOTED.
7. CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY UNEARTHED ABANDONED PIPING OR CONDUIT DISCOVERED DURING EXCAVATION OPERATIONS.
8. CONSTRUCTION FENCING TO BE INSTALLED AS NECESSARY TO PROTECT PEDESTRIANS, CONTROL VEHICULAR TRAFFIC AND PROTECT ON-SITE CONSTRUCTION MATERIALS.
9. CONTRACTOR TO COORDINATE WITH VA, TYPE AND LOCATION OF SIGNAGE TO DIRECT VEHICULAR AND PEDESTRIAN TRAFFIC SAFETY.
10. PROTECT ALL SURFACE AND SUBSURFACE UTILITIES TO REMAIN DURING DEMOLITION WORK.
11. ALL REMOVED/DEMOLISHED MATERIAL SHALL BECOME CONTRACTOR'S PROPERTY AND REMOVED FROM SITE, UNLESS NOTED OTHERWISE.
12. BEFORE COMPLETING ANY WORK, CONTRACTOR SHALL OBTAIN THE SERVICES OF AN INDEPENDENT UNDERGROUND UTILITY LOCATOR TO FIELD LOCATE AND MARK EXISTING UNDERGROUND UTILITIES.
13. BEFORE START OF CONSTRUCTION CONTRACTOR SHALL COMPLETE EXPLORATORY EXCAVATION TO VERIFY/DETERMINE LOCATION, ELEVATION, AND SIZE OF EXISTING UTILITIES ALONG FENCE ALIGNMENT. 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.

Revisions:	Date:

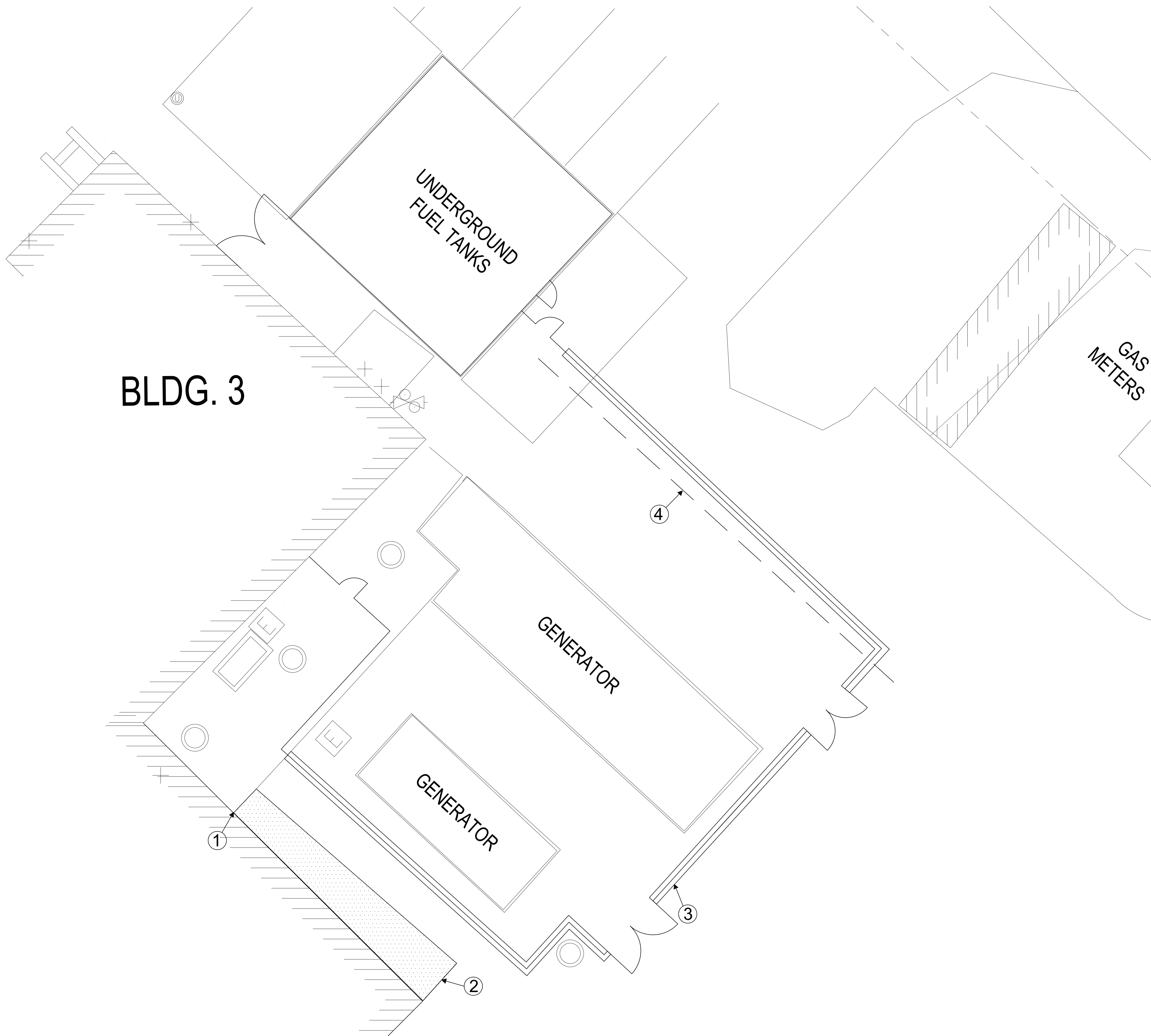
CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	Project Title
CIVIL SITE DEMOLITION PLAN	CONSTRUCTION DOC.
Approved: Project Director	

Project Title	Project Number
Install Generator Fencing	503-25-102
Location	Building Number
JAMES E VAN ZANDT MED CENTER	
Issue Date	Checked
10/10/2024	AMH
Drawn	Drawn
MAD	MAD

Location	Drawing Number
JAMES E VAN ZANDT MED CENTER	CD-102



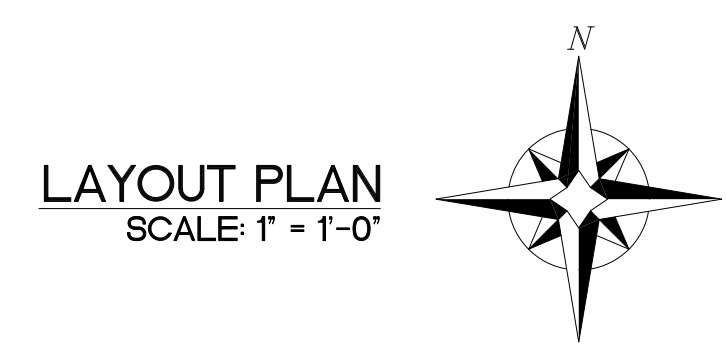
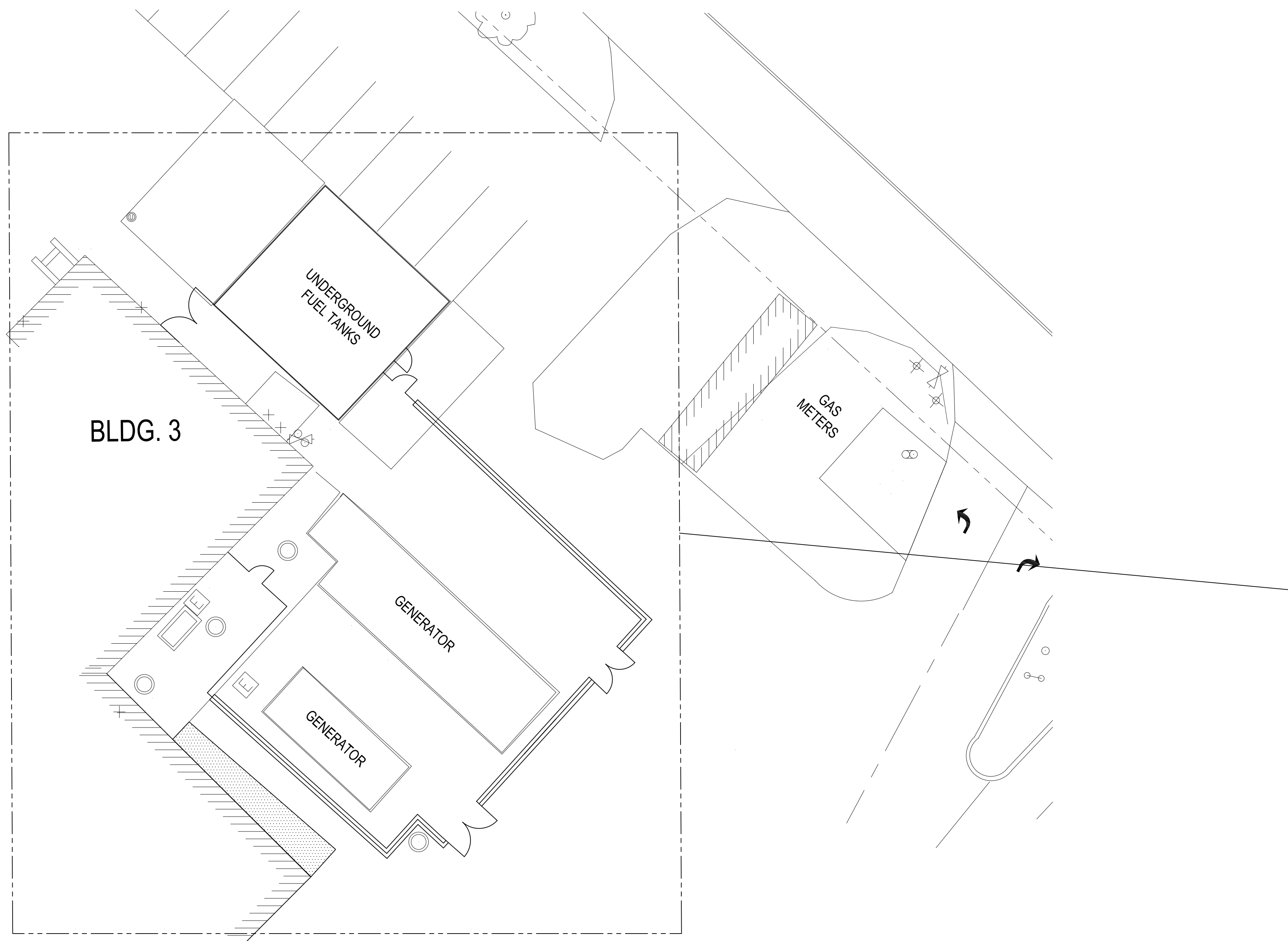
- PLAN NOTES:** (X)
1. PROVIDE SMOOTH TRANSITION FROM NEW SIDEWALK TO EXISTING CONCRETE PAD.
 2. PROVIDE SMOOTH TRANSITION FROM NEW SIDEWALK TO EXISTING ASPHALT PAVEMENT.
 3. PROVIDE SMOOTH TRANSITION FROM ASPHALT RESTORATION TO EXISTING ASPHALT PAVEMENT. MATCH EXISTING GRADE.
 4. PROVIDE 12" COMPOST FILTER SOCK INLET PROTECTION FOR EXISTING TRENCH DRAIN. REFER TO DETAIL 2/GI-002.

- EROSION AND SEDIMENT CONTROL GENERAL NOTES:**
1. EROSION AND SEDIMENT CONTROL BMP'S MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP'S.
 2. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMP'S MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE BMP'S MUST BE STABILIZED IMMEDIATELY.
 3. VEHICLES AND EQUIPMENT SHALL NEITHER ENTER DIRECTLY NOT EXIT DIRECTLY THE CONSTRUCTION STAGING AREA AT ANY OTHER LOCATION BESIDES THE ROCK CONSTRUCTION ENTRANCE.
 4. STOCKPILE HEIGHTS MUST NOT EXCEED 20 FEET. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER. STOCKPILES THAT WILL REMAIN IN PLACE MORE THAN ONE WEEK SHALL BE GRADED AND SEEDED AND MULCHED.
 5. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE WORK, INCLUDING CLEANOUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND RENETTING MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
 6. DISTURBED AREA SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.
 7. DUST SHALL BE CONTROLLED ON-SITE BY SPRINKLING WATER. THE USE OF MOTOR OILS OR TOXIC LIQUIDS IS PROHIBITED.
 8. GARBAGE, LITTER, RUBBISH, OR OTHER SUCH MATERIAL SHALL BE DISPOSED OF PROPERLY, AND SHALL NOT BE ALLOWED TO ENTER THE WATERS OF THE STATE.
 9. ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE STOPPED ACTIVITY.
 10. IF THE ROCK CONSTRUCTION ENTRANCE ALONE IS NOT SUFFICIENT TO PREVENT EXCESSIVE TRACKING OF MUD ONTO ADJACENT AREAS, A WASH AREA SHALL BE ADDED TO THE CONSTRUCTION ENTRANCE TO REMOVE DIRT AND MUD FROM VEHICLES.
 11. SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINWAYS IS NOT ALLOWED. ALL WASTE MATERIALS SHALL BE RECYCLED WHEN FEASIBLE.
 12. A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN DRAWINGS SHALL BE ON-SITE DURING CONSTRUCTION.
 13. EROSION CONTROL DEVICES NOT SHOWN ON THE PLAN SHALL BE INSTALLED AS DETERMINED BY FIELD CONDITIONS AND AS REQUIRED BY INSPECTIONS.
 14. ALL STORMWATER INLETS DOWNSTREAM OF DISTURBED AREAS SHALL HAVE INLET PROTECTION INSTALLED BEFORE DISTURBANCE BEGINS.
 15. COMPOST FILTER SOCK SHALL BE INSTALLED AS REQUIRED/DIRECTED TO PREVENT SEDIMENTS FROM ENTERING ENVIRONMENT. NO SIGNIFICANT AMOUNT OF SEDIMENTS SHALL EXIT THE SITE.
 16. STOCKPILED SOIL/FILL SHOULD BE STORED ON A VEGETATED SURFACE AND BE SURROUNDED BY COMPOST FILTER SOCK.
 17. ALL DISTURBED AREAS NOT DESIGNATED FOR OTHER USE SHALL BE TOP SOILED AND SEEDED. AT LEAST 4" OF TOPSOIL SHALL BE PROVIDED FOR ALL AREAS TO BE SEEDED. REFER TO SPECIFICATIONS FOR REQUIREMENTS.
 18. EXCEPT AS OTHERWISE PROVIDED IN THESE PLANS, FLOW IN EXISTING STORM SEWERS, CULVERTS AND DITCHES SHALL BE MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STORM SYSTEM RESULTING FROM THEIR OPERATIONS OR NEGLIGENCE.
 19. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE BEFORE CONSTRUCTION/DEMOLITION BEGINS. EROSION AND SEDIMENT CONTROL MEASURES SHALL ALSO BE MAINTAINED THROUGHOUT THE CONSTRUCTION.
 20. STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED. WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED ON A PORTION OF THE SITE AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN TWENTY-ONE (21) DAYS, TEMPORARY STABILIZATION MEASURES ARE NOT REQUIRED ON THAT PORTION OF THE SITE.
 21. MINIMIZE THE AREAS DISTURBED AS MUCH AS PRACTICAL TO RETAIN THE EXISTING VEGETATIVE COVER AND REDUCE THE POTENTIAL FOR EROSION.
 22. ALL SLOPES AND GRADES MUST BE PROPERLY STABILIZED WITH APPROVED METHODS. ROLLED EROSION CONTROL PRODUCTS MUST BE USED ON ALL SLOPES GREATER THAN 1V:3H, OR WHERE CONDITIONS FOR EROSION DICTATE SUCH MEASURES. FOR TEMPORARY TURF REINFORCEMENT MAT INSTALLATION ON SLOPES, SEE DETAIL 2/GI-002.
 23. FOR EROSION CONTROL AT STAGING AREAS, SEE DETAIL 3/GI-002.
 24. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE STATE. NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR ANY OTHER DEVICES BE ALLOWED TO ENTER ANY WATERS.
 25. THE MINIMUM EROSION AND SEDIMENT CONTROL PRACTICES TO BE PROVIDED BY THE CONTRACTOR ARE INDICATED ON THE PLAN SHEET AND NOTED WITHIN THE DRAWINGS. ADDITIONAL CONTROL PRACTICES SHALL BE PROVIDED AS DETERMINED BY INSPECTIONS AND FIELD CONDITIONS.
 26. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

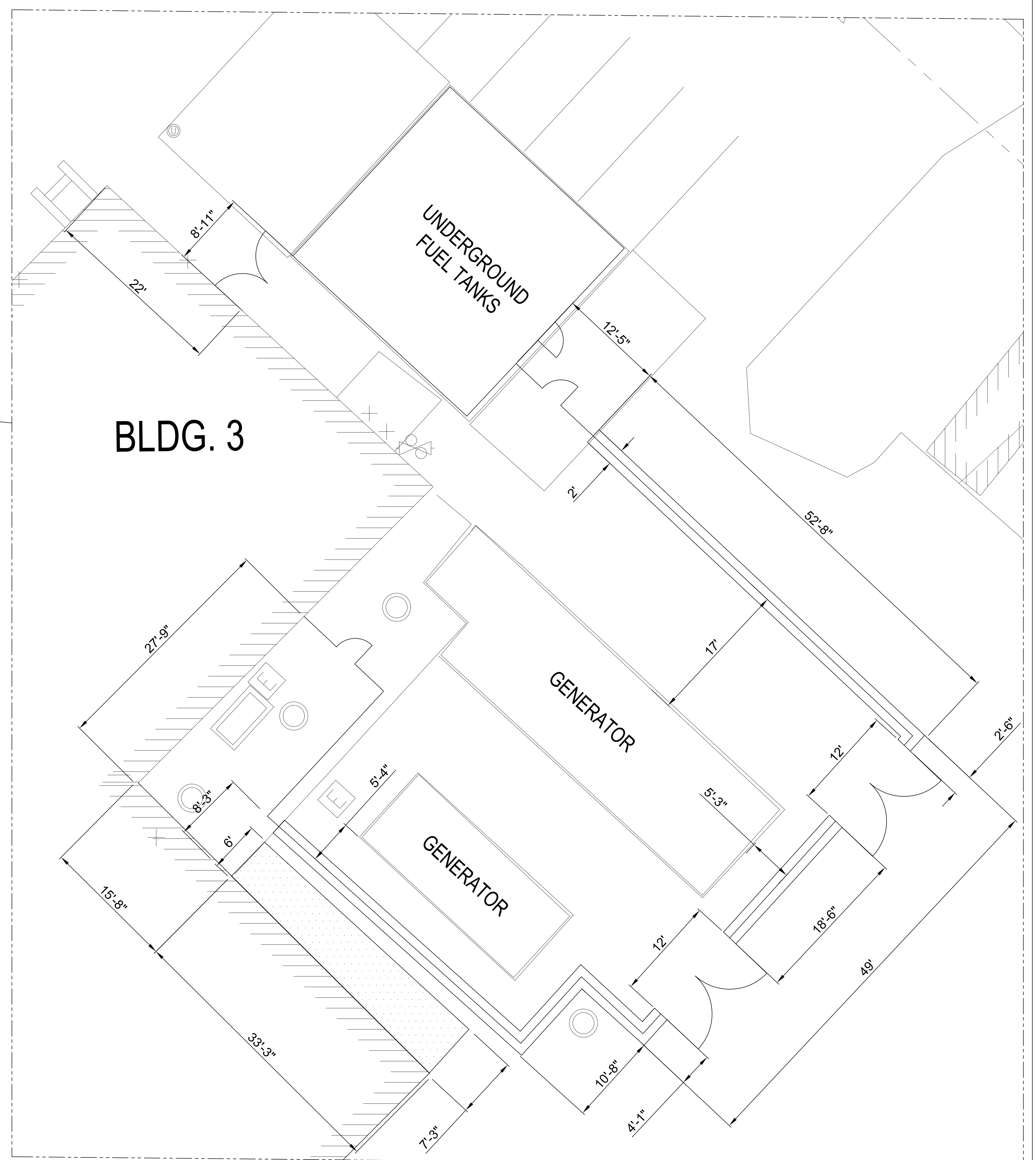
GRADING PLAN
SCALE: 2" = 1'-0"

6/14/2024 12:38:50 PM

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title GRADING PLAN	Phase CONSTRUCTION DOC.	Project Title Install Generator Fencing	Project Number 503-25-102
					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 CS-122



- GENERAL NOTES:**
1. FOR GENERAL NOTES, REFER TO DRAWING GI-002.
 2. FOR SITE PLANS, REFER TO DRAWING CS-102
 3. FOR GRADING PLANS, REFER TO DRAWINGS CS-122

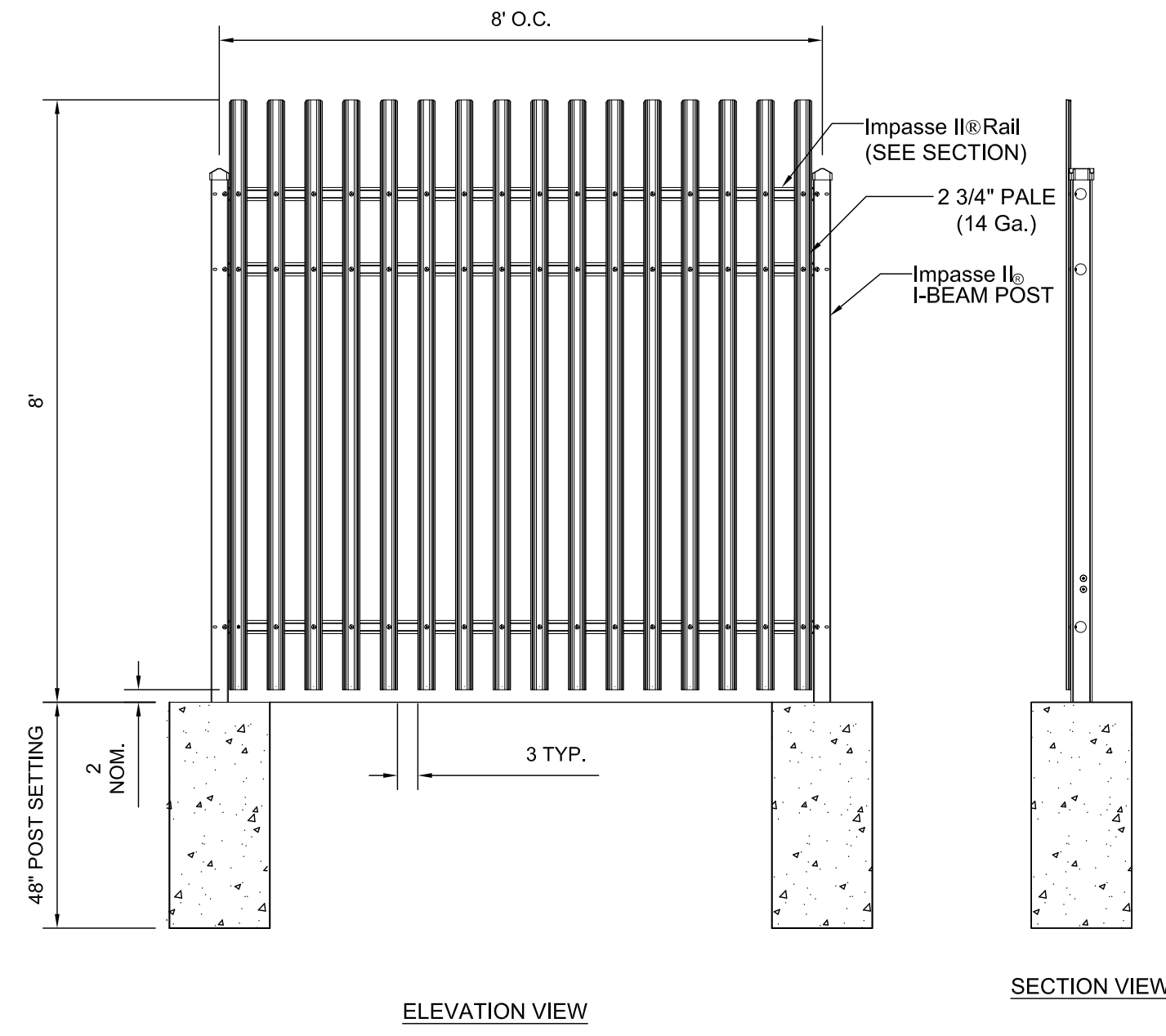


ENLARGED PLAN
SCALE: 2" = 1'-0"

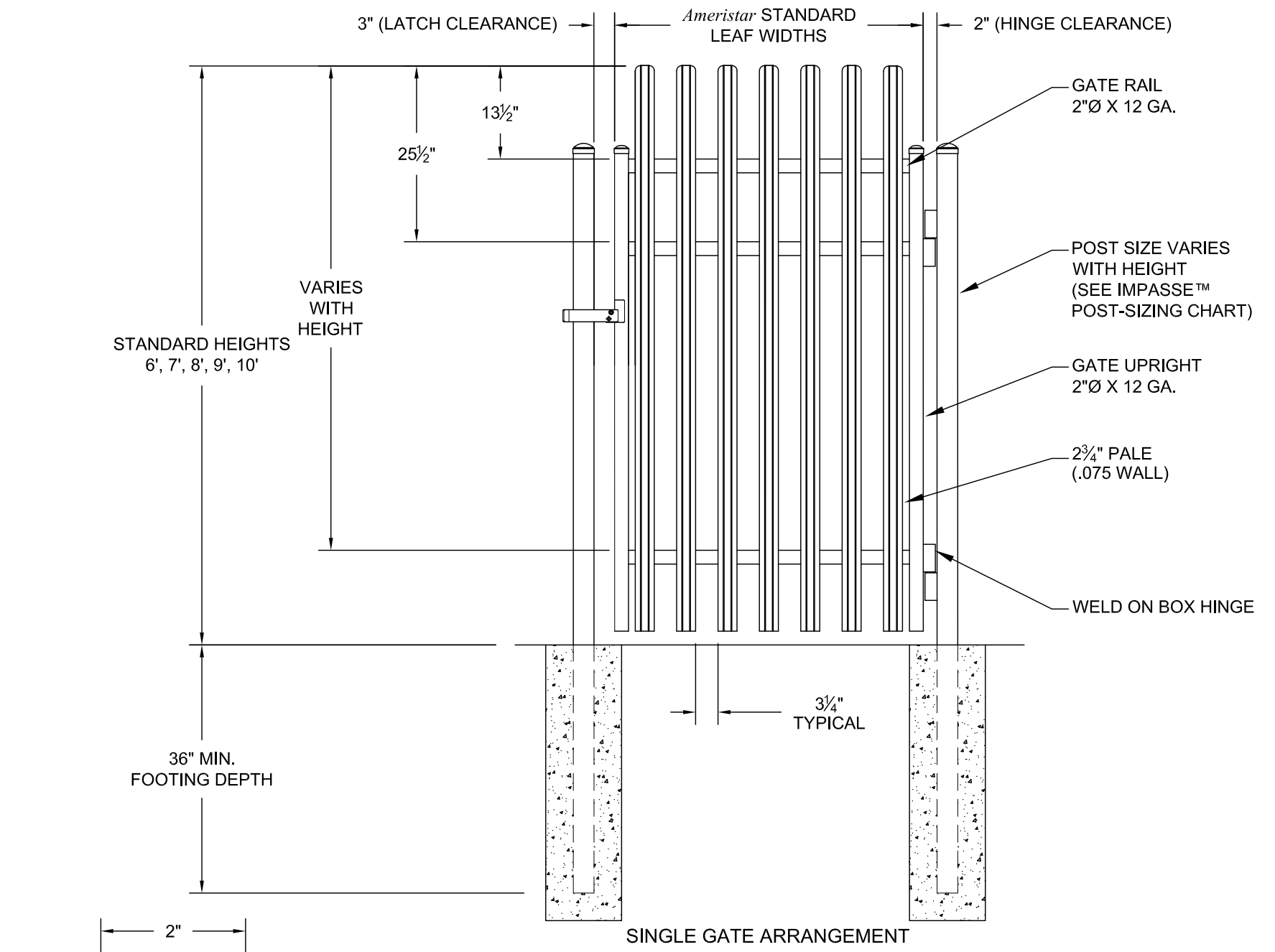
6/14/2008 12:39:50 PM

Revisions:		Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title LAYOUT PLAN	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-202

A
B
C
D
E
F

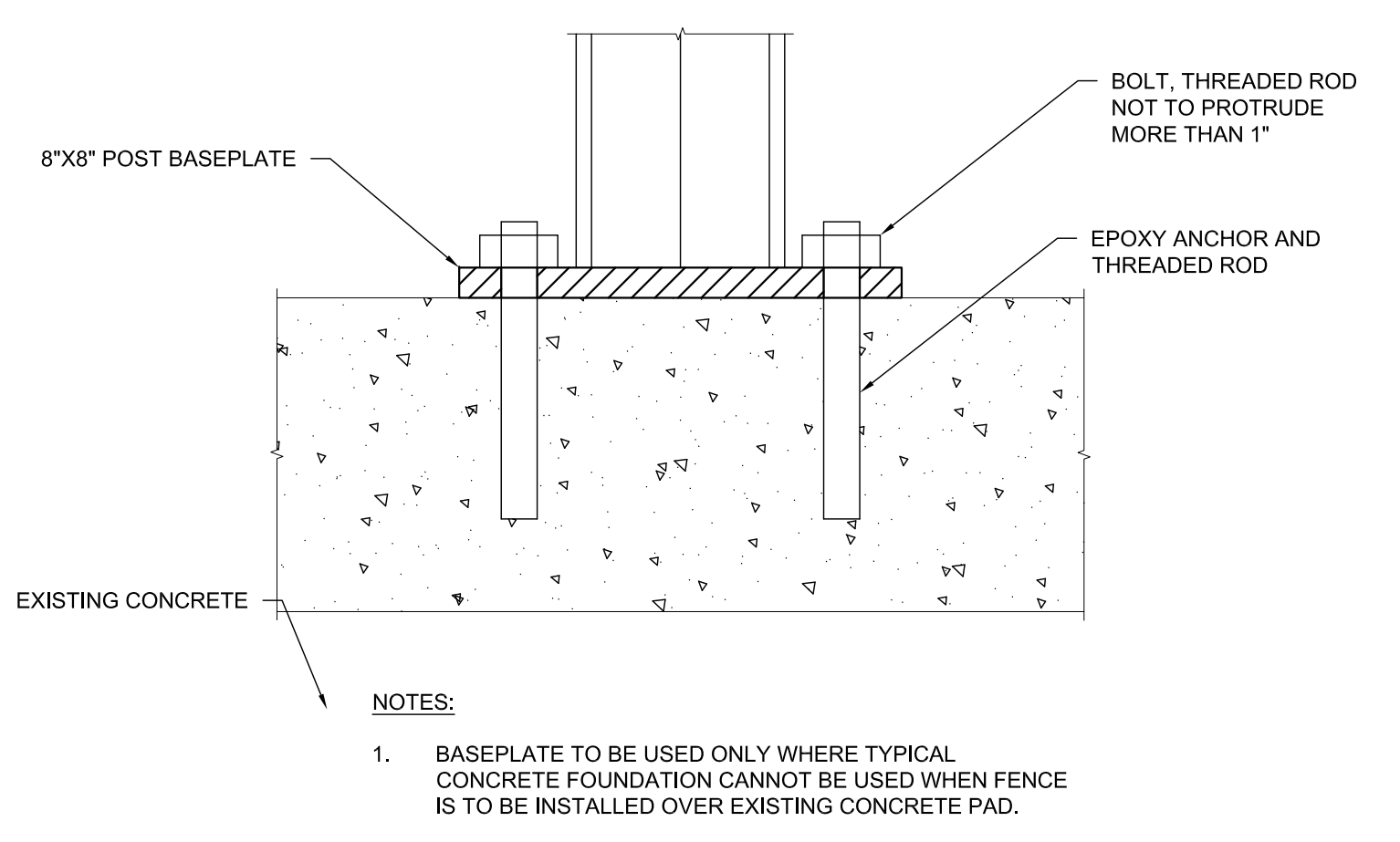


1 PICKET FENCE DETAIL
CS-504 NTS

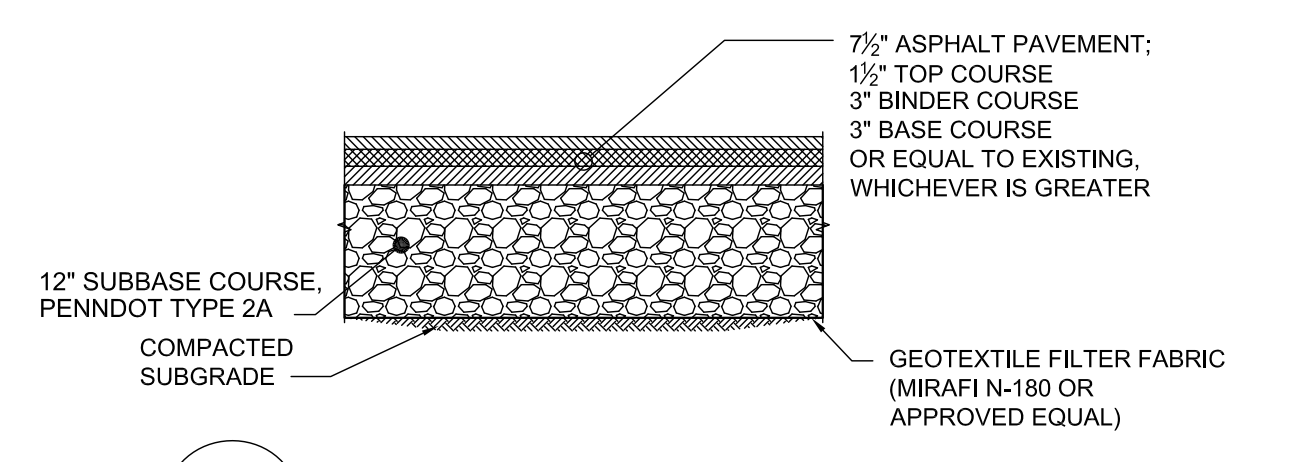


- NOTES:**
1. POST SIZE DEPENDS ON FENCE HEIGHT, WEIGHT AND WIND LOADS. SEE IMPASSE™ POST SIZING CHART.
 2. SEE AMERISTAR GATE TABLE FOR STANDARD OUT TO OUTS. CUSTOM GATE OPENINGS AVAILABLE FOR SPECIAL OUT TO OUT LEAF WIDTHS.
 3. ADDITIONAL STYLES OF GATE HARDWARE ARE AVAILABLE ON REQUEST. THIS COULD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

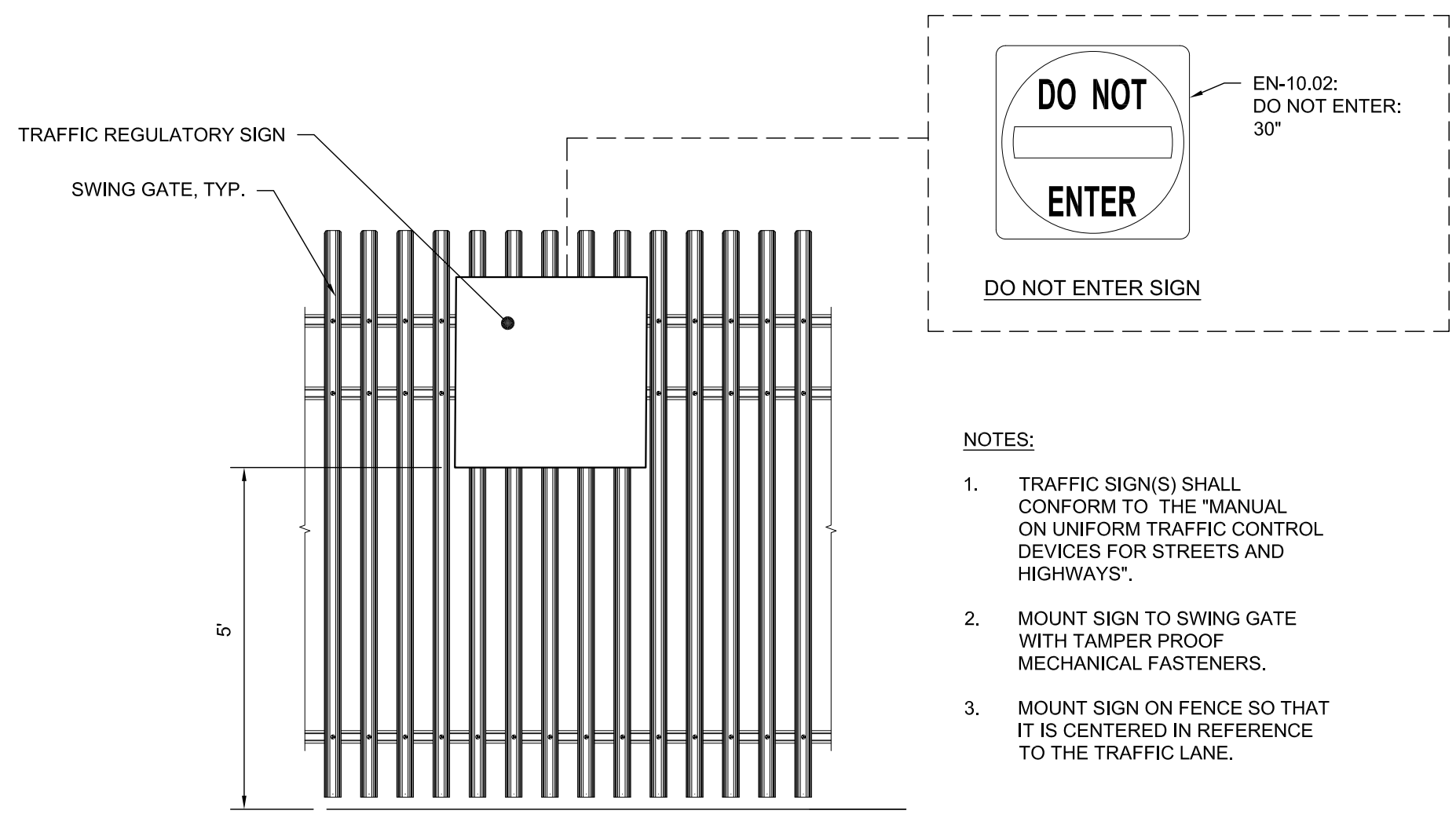
2 PICKET MAN GATE DETAIL
CS-504 NTS



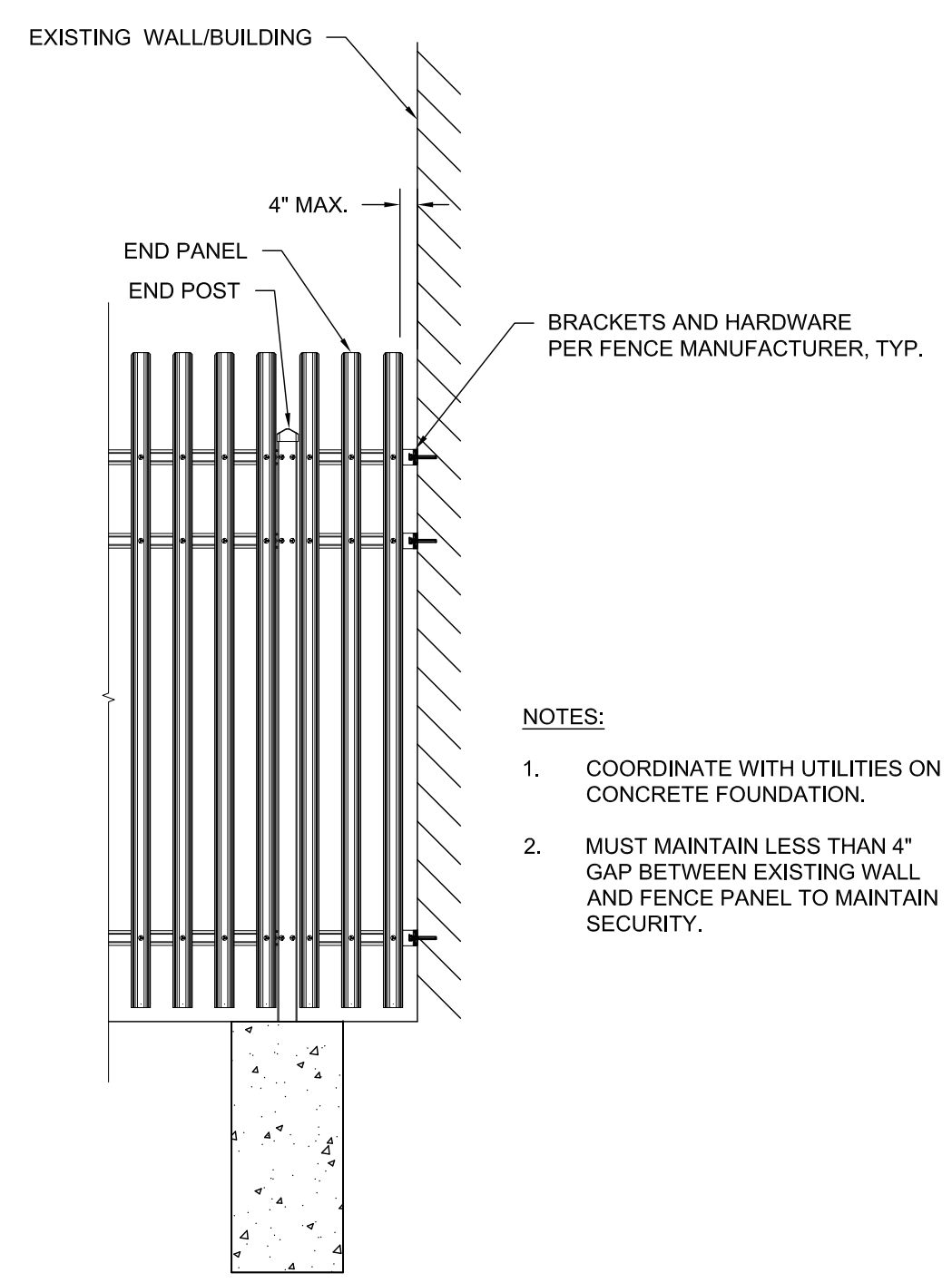
4 POST BASEPLATE DETAIL
CS-504 NTS



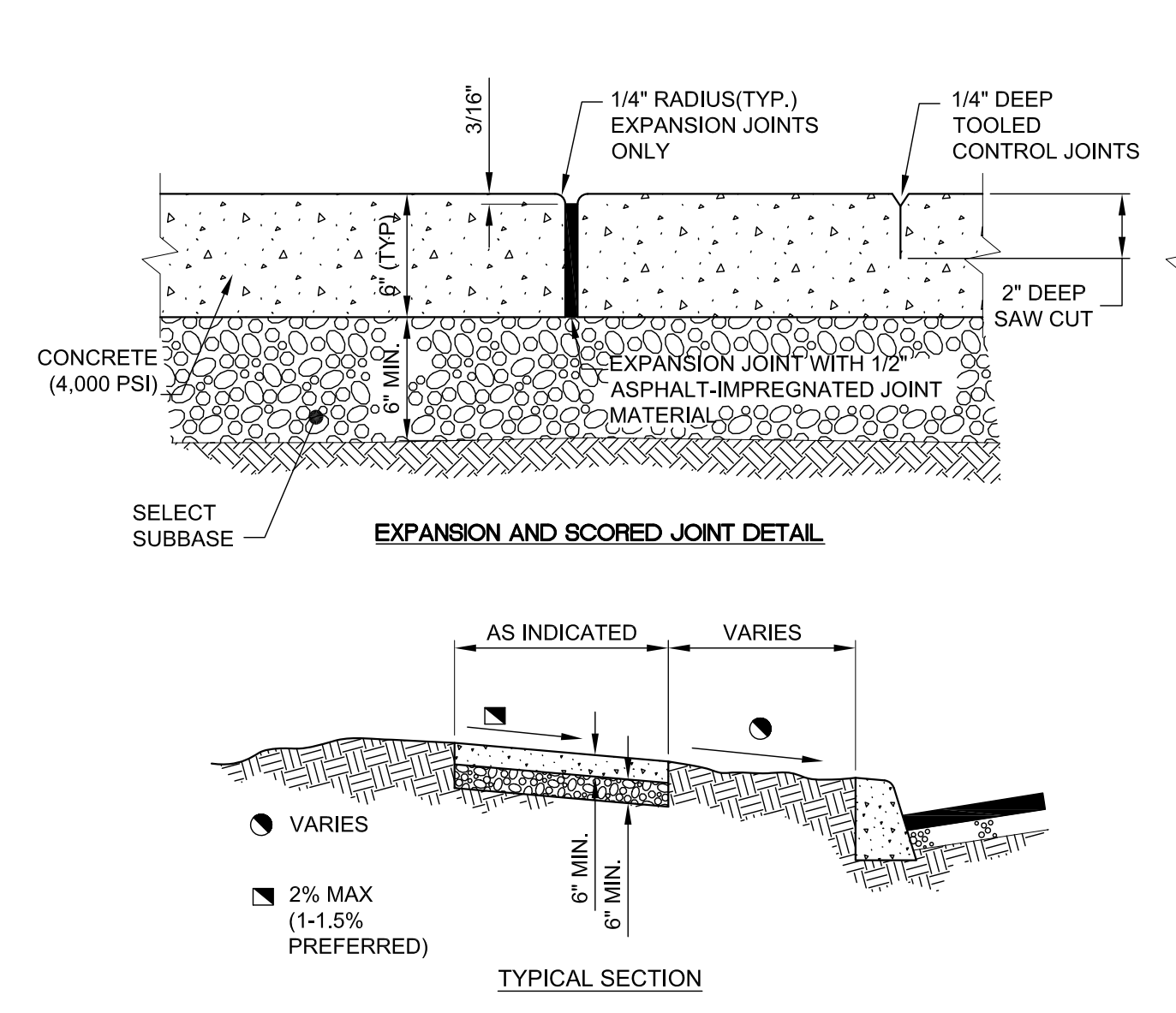
5 ASPHALT PAVEMENT DETAIL
CS-504 NTS



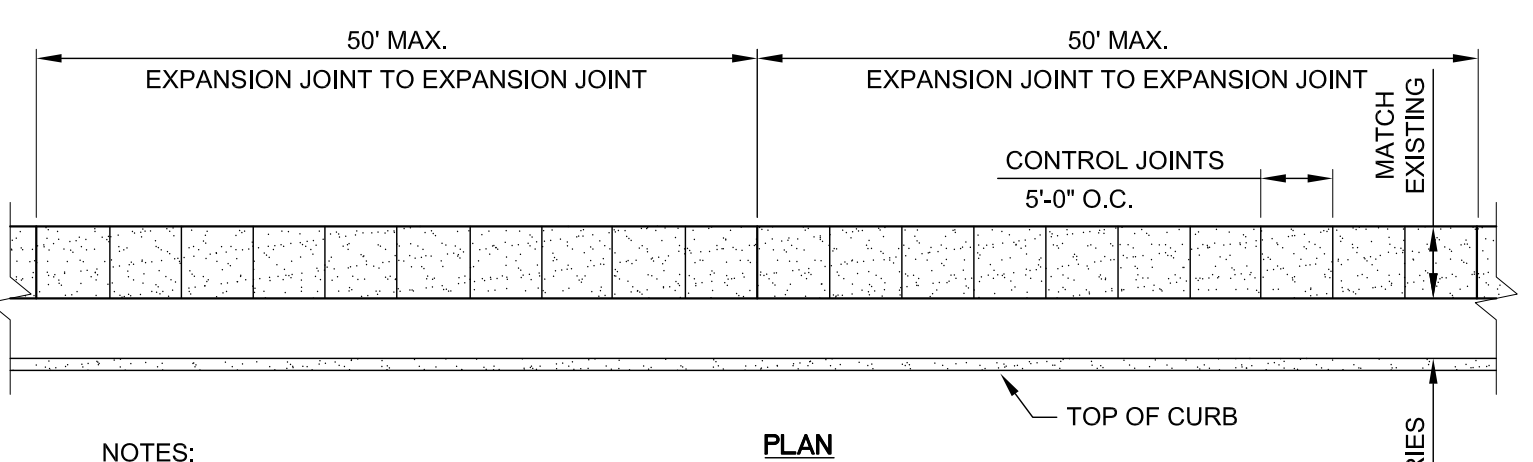
6 FENCE SIGN INSTALLATION DETAIL
CS-504 NTS



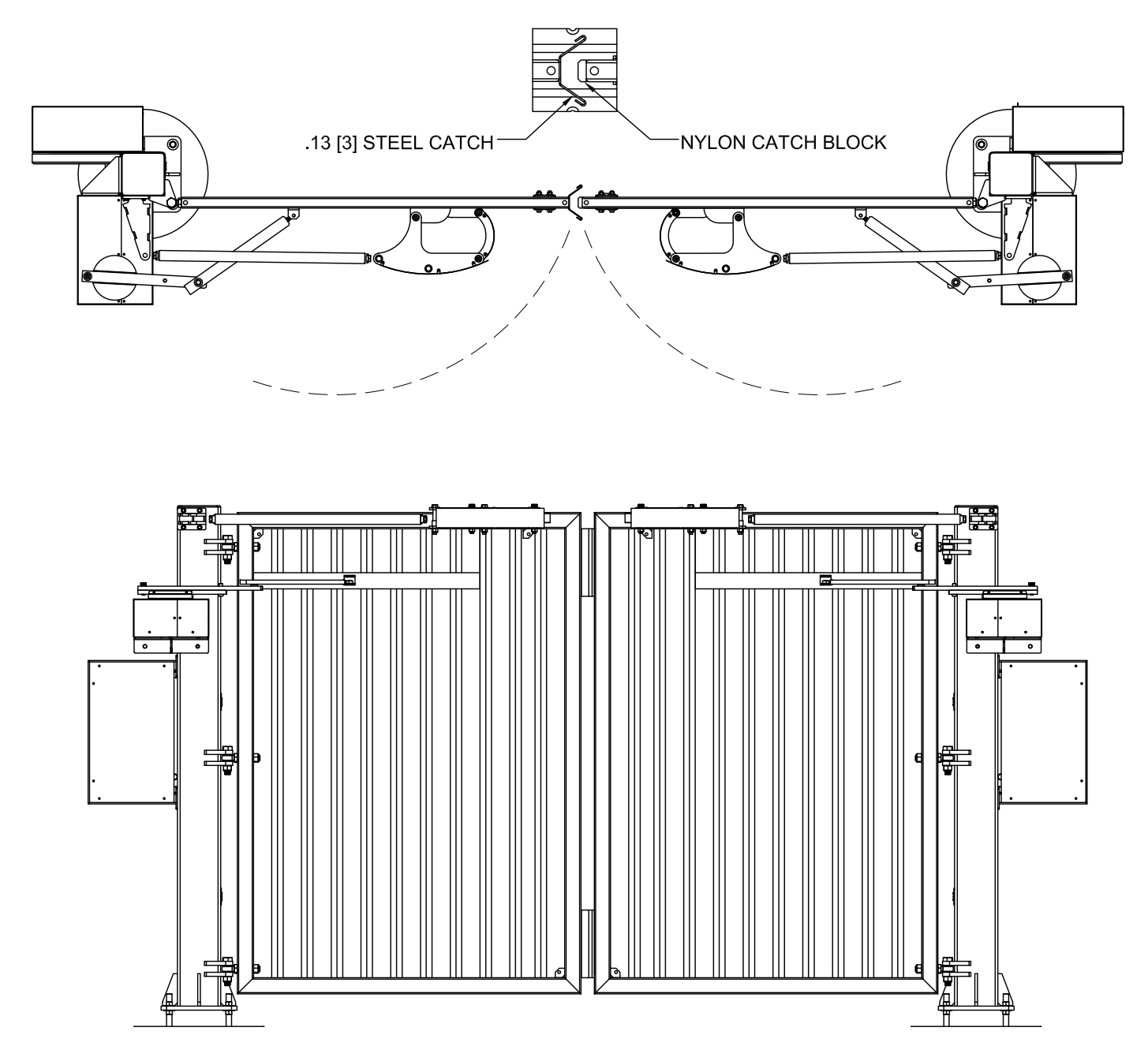
7 FENCE AND BUILDING INTERFACE DETAIL
CS-504 NTS



8 CONCRETE SIDEWALK DETAIL
CS-504 NTS



- NOTES:**
1. REMOVE EXISTING SIDEWALK AND/OR A MINIMUM OF 6" OF SUBGRADE.
 2. INSTALL A MINIMUM OF 6" OF COMPACTED SELECT SUBBASE.
 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" OR LESS ACCEPTABLE) AT INTERFACE BETWEEN NEW AND EXISTING.
 5. NEW SIDEWALK SHALL BE A MINIMUM OF 6" THICK WITH 6x6-W2.5/W2.5 WELDED WIRE REINFORCEMENT. WIRE REINFORCEMENT SHALL BE SET ON CHAIRS AND PLACED TO BE IN THE MIDDLE OF THE SLAB.
 6. EXPANSION JOINTS WITH 1/2" ASPHALT-IMPREGNATED JOINT MATERIAL SHALL BE PLACED BETWEEN NEW AND EXISTING CONCRETE, AT EXISTING STRUCTURES, AND AT INTERVALS NOT TO EXCEED 50'.
 7. FOR CONCRETE REQUIREMENTS, SEE SPECIFICATIONS. CONCRETE SHALL CONTAIN FIBERS.
 8. TOOL IN 1/4" CONTROL JOINTS AT 5'-0" O.C. (OR EQUAL TO SIDEWALK WIDTH) WITH GROOVER FULL WIDTH. AFTER CURE, SAW-CUT CONTROL JOINTS 2" DEEP.
 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.
 10. AFTER INITIAL SET, APPLY A LIGHT BROOM FINISH FROM EDGE TO EDGE. EDGE SIDEWALK BEFORE AND AFTER BROOMING.
 11. SEAL CONCRETE WITH SPRAY-ON SEALER.



10 SWING GATE DETAIL
CS-504 NTS

6/14/2009 12:39:50 PM

Revisions:	Date:

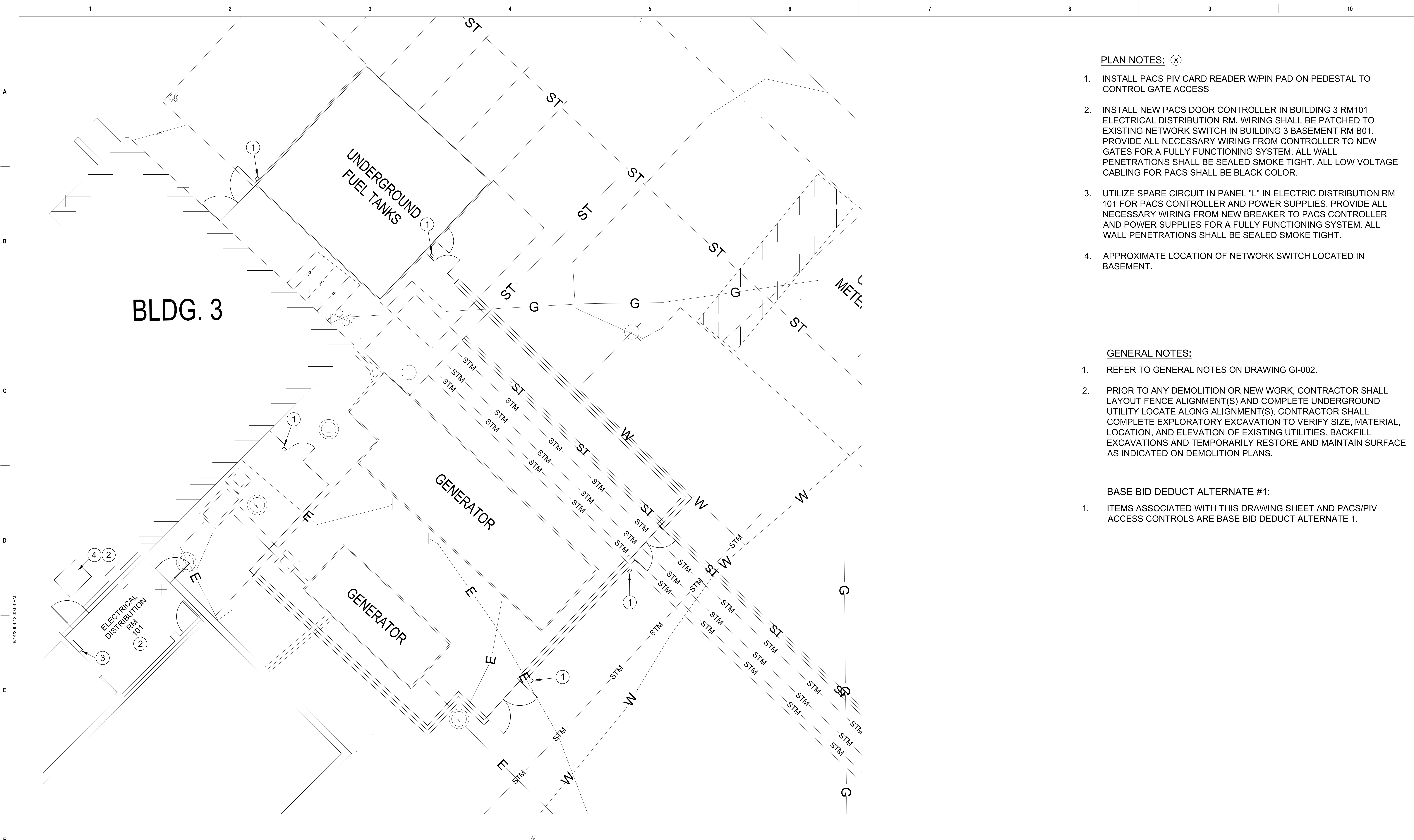
CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	FENCE AND GATE DETAILS
Phase	CONSTRUCTION DOC.
Approved: Project Director	

Project Title	Install Generator Fencing
Location	JAMES E VAN ZANDT MED CENTER
Issue Date	10/10/2024
Checked	AMH
Drawn	MAD

Project Number	503-25-102
Building Number	
Drawing Number	CS-504

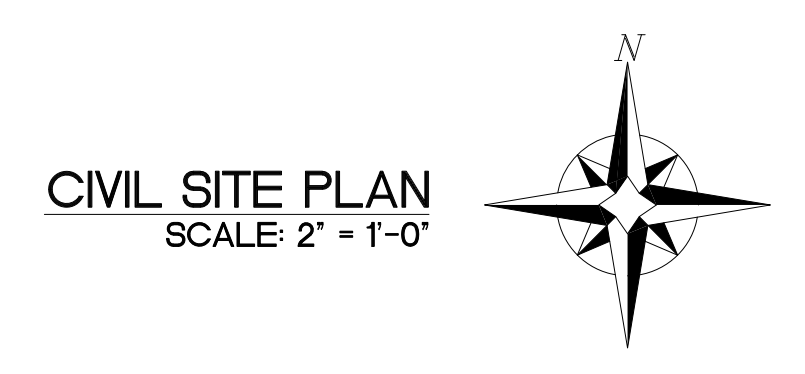


- PLAN NOTES:** (X)
- INSTALL PACS PIV CARD READER W/PIN PAD ON PEDESTAL TO CONTROL GATE ACCESS
 - INSTALL NEW PACS DOOR CONTROLLER IN BUILDING 3 RM101 ELECTRICAL DISTRIBUTION RM. WIRING SHALL BE PATCHED TO EXISTING NETWORK SWITCH IN BUILDING 3 BASEMENT RM B01. PROVIDE ALL NECESSARY WIRING FROM CONTROLLER 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.
 - 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.
 - APPROXIMATE LOCATION OF NETWORK SWITCH LOCATED IN BASEMENT.

- GENERAL NOTES:**
- REFER TO GENERAL NOTES ON DRAWING GI-002.
 - 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:**
- ITEMS ASSOCIATED WITH THIS DRAWING SHEET AND PACS/PIV ACCESS CONTROLS ARE BASE BID DEDUCT ALTERNATE 1.

6/14/2024 12:39:50 PM



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
					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