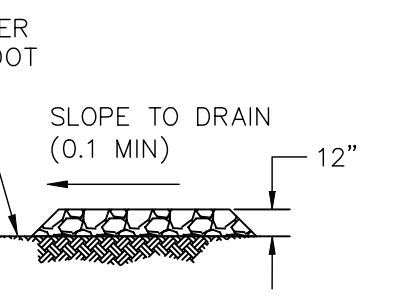
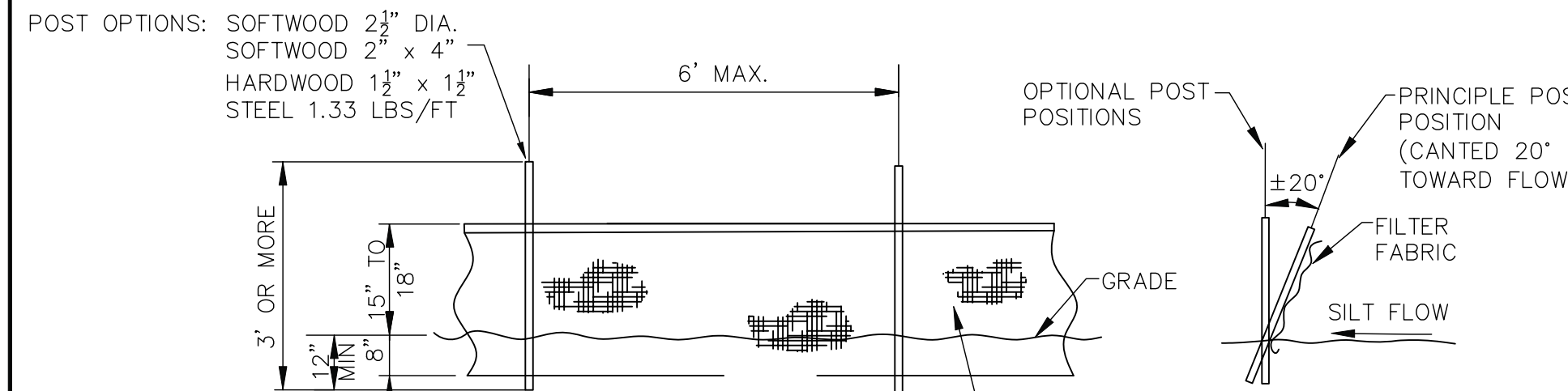


PLAN  
TEMPORARY GRAVEL ENTRANCE

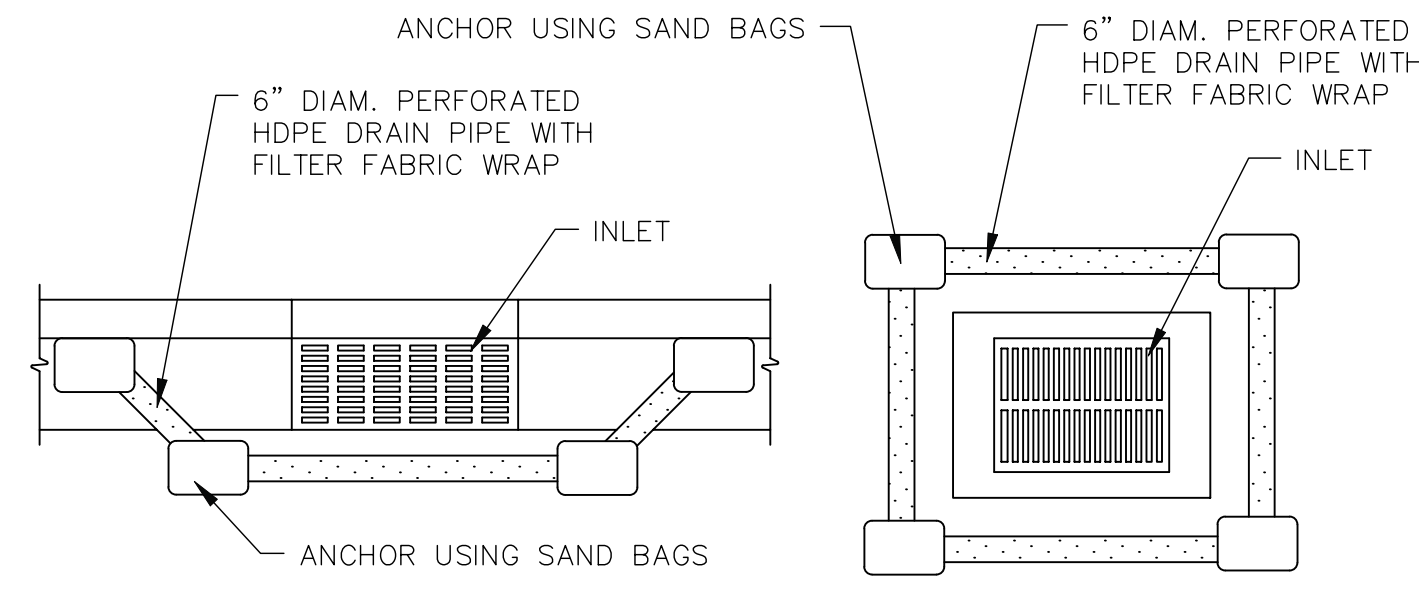


SECTION



ELEVATION  
SECTION  
SILT FENCE

95%  
SUBMITTAL



CURB INLET  
DITCH BOTTOM INLET  
STORM DRAIN INLET PROTECTION

EXISTING		PROPOSED	
	TEMPORARY BENCHMARK		IRRIGATION CONTROL VALVE
	MEASURED ELEVATION		CATCH BASIN
	CONCRETE		WOOD POWER POLE
	NUMBER OF PARKING SPACES		WOOD POWER POLE WITH LIGHT
	INFORMATIONAL SIGN (SINGLE POST)		CONCRETE POWER POLE
	INFORMATIONAL SIGN (DOUBLE POST)		GUY WIRE
	BOLLARD		LIGHT POLE
	MAILBOX		CONCRETE LIGHT POLE
	WATER METER		FLOOD LIGHT
	FIRE HYDRANT		ELECTRIC PANEL
	FIRE DEPARTMENT CONNECTION		ELECTRIC WIRE PULL BOX
	WATER VALVE		TRAFFIC WIRE PULL BOX
	BACKFLOW PREVENTER		CHAIN LINK FENCE
	SANITARY MANHOLE		ALUMINUM FENCE
	GREASE TRAP		OVERHEAD ELECTRIC
	CLEANOUT		UNDERGROUND SANITARY
	SANITARY VALVE		UNDERGROUND STORM

LEGEND:	
	DEMOLITION

- GENERAL NOTES:**
- ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND REFERENCE THE FOLLOWING BENCHMARK:  
DO2662 ELEVATION=15.23 NAVD 1988  
ELEVATION=15.825 NGVD 1929  
CONVERSION FACTOR=1.576
  - ALL AREAS DISTURBED BY CONSTRUCTION WHICH INCLUDES ALL DRIVEWAYS, PAVERS, ASPHALT, CONCRETE AND VEGETATION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
  - TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY GROUP, INC., DATED 02/15/22.
  - ALL REMOVED DEBRIS & DEMOLISHED MATERIAL TO BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.

ADAM SWANEY, P.E., PROFESSIONAL ENGINEER LICENSE NO. 72235. THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ADAM SWANEY, P.E. USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DRCC

GRAPHIC SCALE

0 60

REVISIONS

DATE: 2/22/2023

03/01/2023

- POLLUTION PREVENTION NOTES:**
- ALL POLLUTION PREVENTION MEASURES SHALL BE STRICTLY ENFORCED.
  - PROVISIONS FOR CONTROL OF POLLUTION:
    - SUFFICIENT PRECAUTIONS SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT THE RUN-OFF OF POLLUTING SUBSTANCES SUCH AS SILT, CLAY, FUELS, OILS, BITUMENS OR OTHER POLLUTING MATERIALS HARMFUL TO HUMANS, FISH, OR OTHER LIFE, INTO THE SUPPLIES AND SURFACE WATERS OF THE STATE OF FLORIDA. CONTROL MEASURES MUST BE ADEQUATE TO ASSURE THAT TURBIDITY IN THE RECEIVING WATER WILL NOT BE INCREASED MORE THAN 29 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND UNLESS OTHERWISE PERMITTED. SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION. EROSION EVIDENT WITHIN THE LIMITS OF CONSTRUCTION OR OTHER AREAS AFFECTED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
    - FILL OUT A NOTICE OF INTENT FORM (FDEP FORM 62-621.300(4)(B)) AND SUBMIT IT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
    - EXCAVATION OF WATER MANAGEMENT FACILITIES SHOULD OCCUR IMMEDIATELY AFTER CLEARING AND GRUBBING TO SERVE AS A SEDIMENT TRAP OR CATCHMENT FOR STORMWATER RUNOFF FROM EXPOSED SOILS.
    - CONSTRUCT PERIMETER BERM OR GRADE SITE TO PREVENT OFF-SITE DISCHARGE OF STORMWATER RUNOFF.
    - PLACE SILT FENCES OR HAY BALES TO CONTAIN EROSION IN AREAS PRONE TO STORMWATER RUNOFF EROSION VELOCITIES.
    - PROTECT EACH INLET THAT MAY RECEIVE RUNOFF FROM THE CONSTRUCTION SITE WITH SILT FENCE/FILTER FABRIC STAKED IN PLACE.
    - TAKE ALL REASONABLE PRECAUTIONS TO CONTROL DUST AND UNCONFINED PARTICULATE MATTER. THE APPLICATION OF WATER IS AN ACCEPTABLE DUST SUPPRESSANT ON ROADWAYS, STOCKPILES, AND ANY OTHER AREAS WITHIN THE PROJECT BOUNDARIES. DUST SUPPRESSANT WATER SHALL BE APPLIED IN SUCH A MANNER SO AS NOT TO PRODUCE EXCESS RUNOFF AND EROSION.
    - TAKE PRECAUTIONS IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION.
  - OTHER CONTROLS AND MATERIAL MANAGEMENT PRACTICES:
    - HAZARDOUS WASTE - DISPOSE OF IN A MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS.
    - NOISE - MINIMIZE NOISE CAUSED BY THE OPERATION OF EQUIPMENT. ABIDE BY ALL LOCAL REGULATIONS COVERING NOISE CONTROL.
    - ODORS - DO NOT CAUSE OBJECTIONABLE ODORS TO BE GENERATED. OFFSITE VEHICLE TRACKING - PROVIDE A ROCK CONSTRUCTION ENTRANCE TO REDUCE VEHICLE TRACKING OF SEDIMENTS. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPULIN.
    - OPEN BURNING - NO OPEN FIRES OR BURNING OF MATERIALS.
    - PAINTS - ALL CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM, BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO THE PAINT MANUFACTURER'S INSTRUCTIONS AND STATE OR LOCAL REGULATIONS.
    - PETROLEUM PRODUCTS - MONITOR ONSITE VEHICLES AND TANKS FOR LEAKS. THEY SHALL RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. STORE PETROLEUM PRODUCTS IN TIGHTLY SEALED CONTAINERS, WHICH ARE CLEARLY LABELED. USE ASPHALT SUBSTANCES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE SECONDARY CONTAINMENT FOR ALL ABOVE GROUND FUEL TANKS.
    - SANITARY WASTE - COLLECT ALL SANITARY WASTE FROM THE PORTABLE UNITS AT LEAST TWICE PER WEEK.
    - WASTE MATERIALS - COLLECT AND STORE ALL WASTE MATERIALS IN A SECURELY COVERED METAL DUMPSTER PROVIDED BY A LICENSED SOLID WASTE MANAGEMENT COMPANY. DEPOSIT ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE IN THE DUMPSTER. THE DUMPSTER IS TO BE EMPTIED AS NEEDED SO THERE IS NO OVERFLOW. HAUL TRASH TO A STATE APPROVED LANDFILL FACILITY.
  - MAINTENANCE / INSPECTION PROCEDURES:
    - INSPECT ALL CONTROL MEASURES AT LEAST ONCE PER WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.
    - MAINTAIN ALL MEASURES IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT MUST BE INITIATED WITHIN 24 HOURS OF THE ONSITE INSPECTION REPORT.
    - REMOVE BUILT UP SEDIMENT FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
    - INSPECT SILT FENCE FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
    - PREPARE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS FOUND AT THE END OF THIS SECTION.
    - THE CONTRACTOR SHALL DESIGNATE A QUALIFIED PERSON TO BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND COMPLETING THE INSPECTION AND MAINTENANCE REPORTS.
    - NON-STORMWATER DISCHARGES ARE PERMISSIBLE PROVIDED THAT DISCHARGE DOES NOT CAUSE EROSION OR GREAT TURBIDITY WITHIN THE RECEIVING BODY AND ARE IN COMPLIANCE WITH REGULATORY REQUIREMENTS. THESE DISCHARGES MAY INCLUDE WATER LINE FLUSHING, FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, DUST CONTROL, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATION, AND WATER USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES.
  - PROPERTY CORNERS SHALL BE LOCATED BY A LICENSED LAND SURVEYOR AND CLEARLY MARKED IN THE FIELD PRIOR TO THE ENGINEERING DEPARTMENT'S PRE-CONSTRUCTION MEETING FOR SITE DEVELOPMENT.
  - AUTHORIZATION FOR INSTALL EROSION CONTROL DEVICES AND PRESERVE BARRICADES WILL BE GRANTED AT THE PRE-CONSTRUCTION MEETING. THIS AUTHORIZATION SHALL BE POSTED ON THE SITE, IN THE PERMIT BOX, ITS LOCATION SHOWN ELSEWHERE ON THIS PAGE.
  - PRIOR TO SCHEDULING A FINAL ENVIRONMENTAL INSPECTION FOR THE INFRASTRUCTURE, ALL BARRICADES AND EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
  - SOIL STABILIZATION SHALL BE COMPLETED WITHIN 30 DAYS OF VEGETATION REMOVAL. STABILIZATION TO CONSIST OF PLACEMENT OF SOD OF ALL DISTURBED AREAS.

NO.	DATE	REMARKS	BY

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ADAM SWANEY, P.E.  
NO. 72235

Digitally signed by  
Adam Swaney  
Date: 2023.01.25  
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1661 NW 12TH AVENUE  
POMPANO BEACH, FLORIDA  
DEMOLITION AND EROSION CONTROL PLAN

A Higher Standard of Excellence

engenuity group inc.

ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

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PH (561) 955-1151 • FAX (561) 952-4390  
WWW.ENGENUITYGROUP.COM CERTIFICATE OF AUTHORIZATION #7095

DATE	DRAWN	RB	PROJECT	ACS	ENGINEER	RB	PROJECT	ACS	CHECKED
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