

WAREHOUSE EXPANSION

37021 GATOR BLVD, BELLE GLADE, FL 33430

26°41'52.2" N, 80°38'46.6" W

PARCEL ID: 00-37-43-28-00-000-1010

GENERAL NOTES:

PROJECT NAME: TELLUS PRODUCTS, LLC WAREHOUSE EXPANSION

PROJECT LOCATION: 37021 GATOR BLVD, BELLE GLADE, FL 33430

PROJECT DESCRIPTION:
THE CONSTRUCTION OF AN EXPANSION TO THE EXISTING WAREHOUSE LOCATED ON THE SOUTH END OF THE EXISTING TELLUS FACILITY. THE PROJECT CONSISTS OF THE CONSTRUCTION OF A ±25,000 SQUARE-FOOT WAREHOUSE AND ASSOCIATED INFRASTRUCTURE AND UTILITIES.

PARCEL ID NUMBER: 00-37-43-28-00-000-1010

SITE ACREAGE:
SITE ACRES: ±72.02 ACRES
PROJECT AREA: ±21.41 ACRES
DISTURBED ACRES: ±1.56 ACRES

FEMA INSURANCE MAP NO.:
ACCORDING TO FIRM PANEL 12099C0459F FOR PALM BEACH COUNTY, FLORIDA, WITH AN EFFECTIVE DATE OF OCTOBER 5, 2017 THIS PROPERTY IS NOT LOCATED IN A DESIGNATED FLOOD HAZARD ZONE (ZONE X)

PROJECT TEAM:

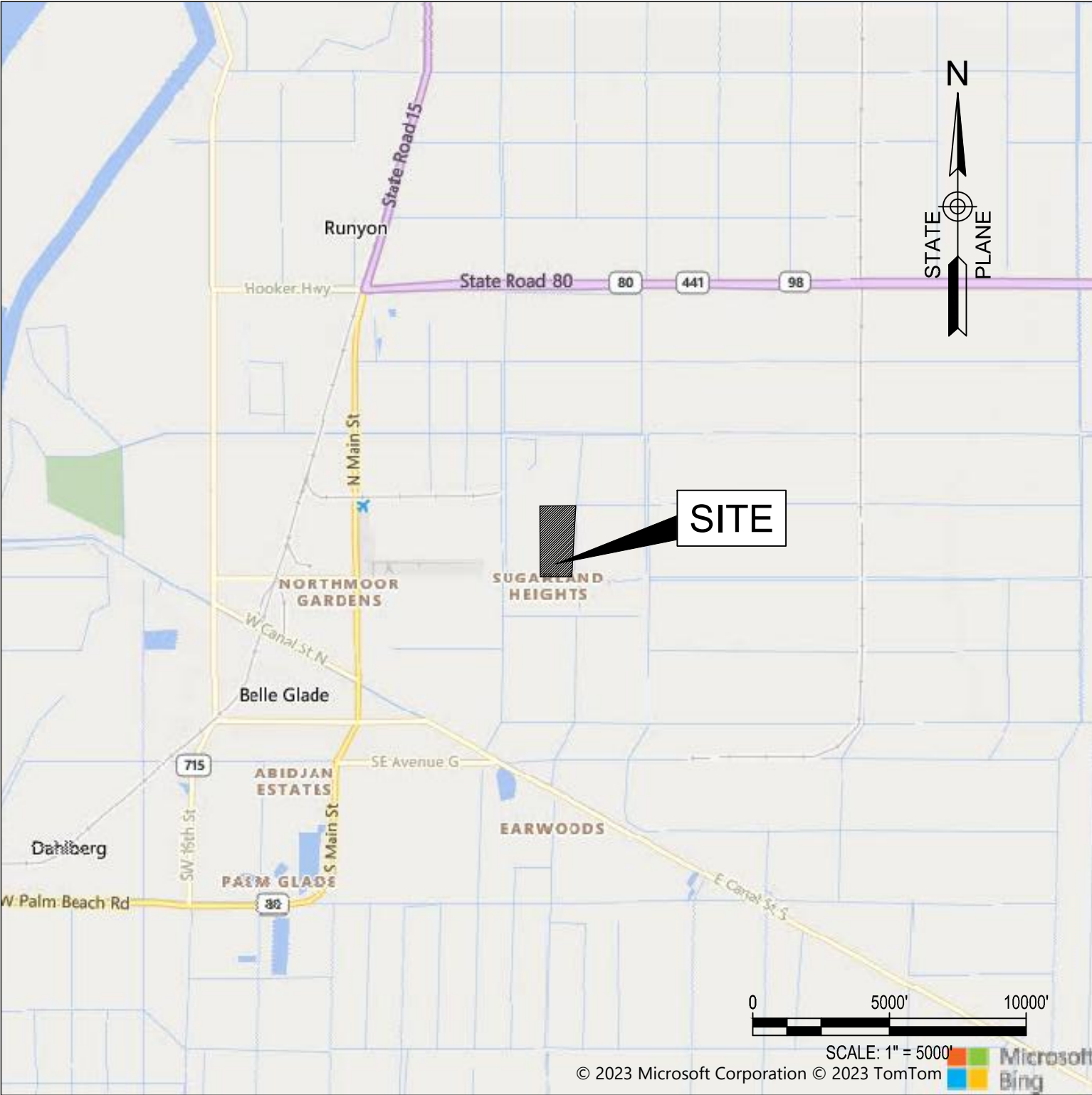
OWNER:
TELLUS PRODUCTS LLC
37021 GATOR BLVD
BELLE GLADE, FL 33430
CONTACT: MICHAEL AN
EMAIL: MICHAEL.AN@TELLUSPRODUCTS.COM

ENGINEER:
ISOMER PROJECT GROUP
115 WELBORN ST., SUITE A
GREENVILLE, SC 29601
CONTACT: DANIEL DEERY, PE
PH: 864.565.9100
EMAIL: DANIEL@ISOMER.GROUP

LOCATION MAP:



VICINITY MAP:

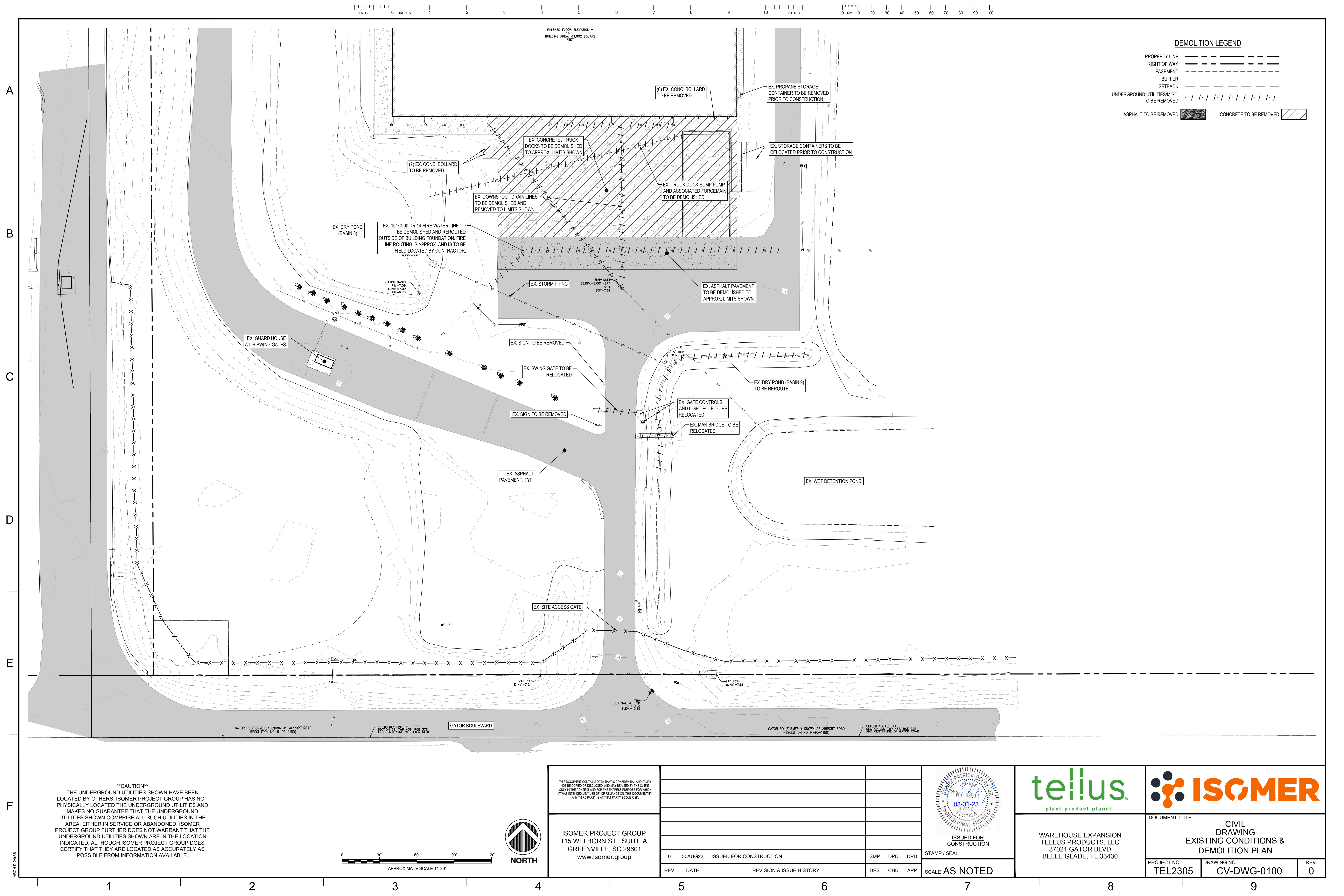


SHEET INDEX:

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CV-DWG-0100	EXISTING CONDITIONS & DEMOLITION PLAN
CV-DWG-0200	SITE PLAN (PHASE 1)
CV-DWG-0201	SITE PLAN (PHASE 2)
CV-DWG-0300	GRADING & DRAINAGE PLAN (PHASE 1)
CV-DWG-0301	GRADING & DRAINAGE PLAN (PHASE 2)
CV-DWG-0310	ROOF DRAIN PLAN
CV-DWG-0400	FIRE WATER PLAN (REROUTE)
CV-DWG-0500	SWPPP NOTES
CV-DWG-0501	SWPPP PLAN (PHASE 1)
CV-DWG-0502	SWPPP PLAN (PHASE 2)
CV-DET-0200	SITE DETAILS
CV-DET-0300	GRADING & DRAINAGE DETAILS
CV-DET-0500	SWPPP DETAILS



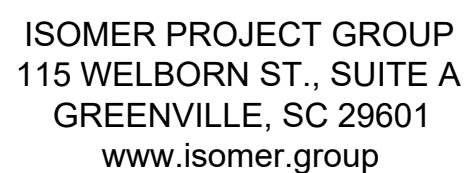
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ISOMER PROJECT GROUP 115 WELBORN ST., SUITE A GREENVILLE, SC 29601 www.isomer.group								ISSUED FOR CONSTRUCTION STAMP / SEAL		WAREHOUSE EXPANSION TELLUS PRODUCTS, LLC 37021 GATOR BLVD BELLE GLADE, FL 33430		DOCUMENT TITLE CIVIL DRAWING COVER SHEET	
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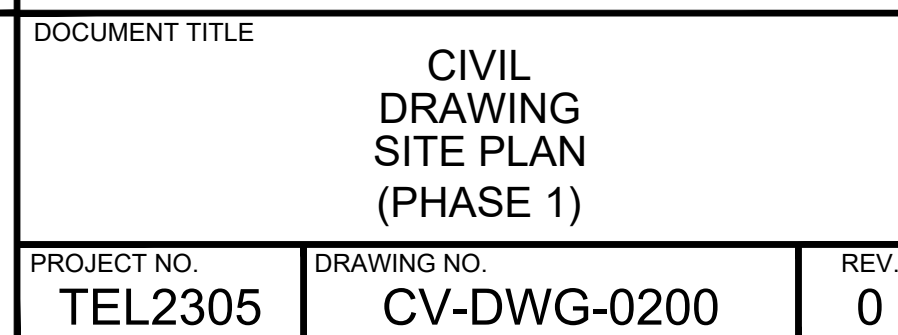
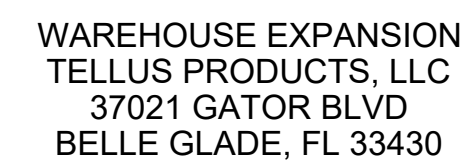


0 30' 60' 90' 120'

APPROXIMATE SCALE 1"=30'



DANIEL PATRICK DEERY, JR.
 LICENSE
 NO. 83911
 08-31-23
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 ISSUED FOR
 CONSTRUCTION
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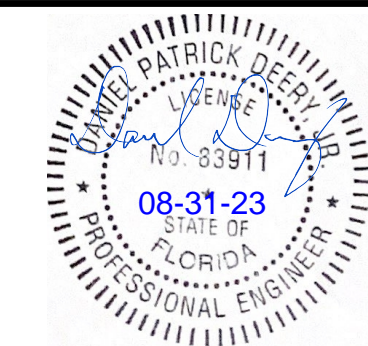
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Daniel Patrick Jeffery
 LICENSE
 No. 63911
 08-31-23
 STATE OF
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 PROFESSIONAL ENGINEER
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WAREHOUSE EXPANSION
TELLUS PRODUCTS, LLC
37021 GATOR BLVD
BELLE GLADE, FL 33430



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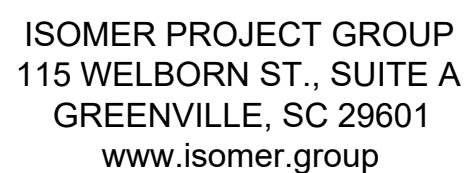
CIVIL
DRAWING
SITE PLAN
(PHASE 2)

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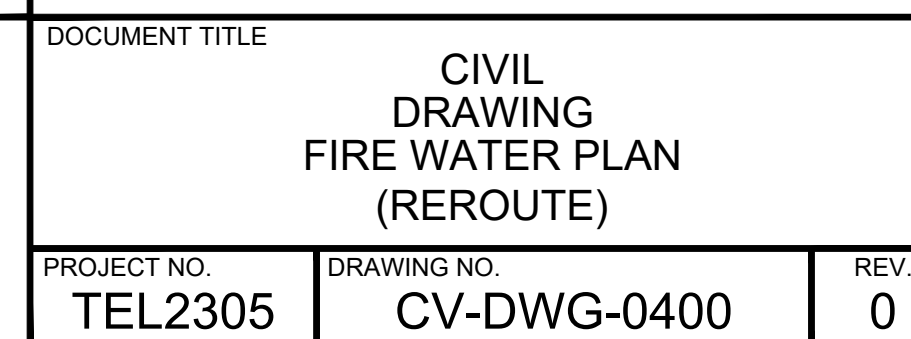
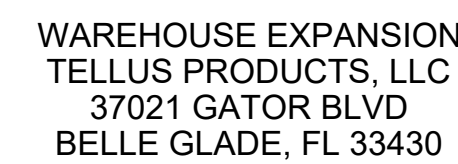


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A

- STANDARD NOTES**
- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET, SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDRO-SEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
 - STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
 - ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY PLACED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
 - PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
 - ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
 - THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
 - TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LOADED WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
 - ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
 - LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
 - A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
 - INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF SEVEN (7) CALENDAR DAYS.
 - MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
 - MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WHEEL WASH WATER, AND OTHER WASH WATERS, WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
 - MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
 - THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
 - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
 - AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
 - IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

TIMING OF CONTROLS/MEASURES

AS INDICATED ON THE OVERALL SEQUENCE OF CONSTRUCTION ABOVE, THE SILT FENCES AND STABILIZED CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS AND THE GRASSING SCHEDULE. AFTER THE ENTIRE SITE IS STABILIZED, ALL ACCUMULATED SEDIMENT WILL BE REMOVED.

EROSION CONTROLS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION CONTROL MEASURES AS SHOWN ON THE EROSION, SEDIMENT & POLLUTION CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED, AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE ENVIRONMENTAL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE, AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE ENVIRONMENTAL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

SWPPP SEQUENCE OF CONSTRUCTION

INITIAL LAND DISTURBANCE PHASE-SEQUENCE OF CONSTRUCTION

- RECEIVE ERP COVERAGE FROM SFWMD.
- CLEAR AND GRUB FOR THE INSTALLATION OF PERIMETER CONTROLS.
- DEMOLISH AND REMOVE EXISTING STRUCTURES, HARDSCAPES, AND DEBRIS AS APPLICABLE.

INITIAL LAND DISTURBANCE PHASE - NOTES

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE INITIAL LAND DISTURBANCE PHASE.

- NO CONSTRUCTION ENTRANCE(S) WILL BE REQUIRED. THE EXISTING PAVED SITE ENTRANCE WILL BE UTILIZED FOR CONSTRUCTION TRAFFIC.
- SILT FENCE, AS INDICATED, SHALL BE INSTALLED AT THE PERIMETER OF THE LAND DISTURBANCE. THE SILT FENCE SHALL BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE ENGINEER. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHALL BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF FENCING SHALL BE REPAIRED IMMEDIATELY.
- CONTRACTOR SHALL PERFORM DEWATERING WITH APPROPRIATE BMPs IN A MANNER THAT MEETS LOCAL AND STATE REGULATIONS WITH REGARD TO DISPOSAL PATH.
- NO BURN OR BURY PUTS SHALL BE PERMITTED ON THE CONSTRUCTION SITE.
- TEMPORARY SEEDING SHALL BE INSTALLED ON ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE CEASING.
- SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH RAIN EVENT AND AT THE END OF EACH WORKING DAY. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF THE SEDIMENT ACCUMULATION HAS REACHED 1/2 HEIGHT OR THE CAPACITY OF THE DEVICE, AS APPLICABLE.
- THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PAVED AREAS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO PAVED AREAS OR INTO STORM DRAINAGE SHALL BE IMMEDIATELY REMOVED.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF EROSION CONTROL MEASURES INDICATED DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS DIRECTED BY THE ON-SITE INSPECTOR OR ENGINEER.
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES.

CONSTRUCTION PHASE - SEQUENCE OF CONSTRUCTION

- CONTINUE MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL FINAL STABILIZATION MEASURES ARE IN PLACE AND REMOVAL OF CONTROLS IS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- CLEAR AND GRUB THE REMAINDER OF THE SITE, AS NECESSARY
- COMPLETE GRADING FOR BASIN RE-ALIGNMENT AND INSTALLATION MANHOLE AND STORM PIPING
- INITIATE INSTALLATION ASPHALT PAVEMENT AND TEMPORARY LOADING DOCK AREA.
- BEING DEMOLITION OF EX. PAVEMENT AND LOADING DOCK AREA.
- BEING CONSTRUCTION OF WAREHOUSE BUILDING.

CONSTRUCTION PHASE - NOTES:

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE CONSTRUCTION PHASE.

- SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS.
- VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL GRADED AREAS AS SOON AS FINAL GRADES ARE ACHIEVED.
- TEMPORARY SEED, AS APPLICABLE, SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE CEASING.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH RAIN EVENT AND AT THE END OF EACH WORKING DAY. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF THE SEDIMENT ACCUMULATION HAS REACHED 1/2 HEIGHT OR THE CAPACITY OF THE DEVICE, AS APPLICABLE.
- THE CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PAVED AREAS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO PAVED AREAS SHALL BE IMMEDIATELY REMOVED.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF EROSION CONTROL MEASURES INDICATED DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS DIRECTED BY THE ON-SITE INSPECTOR OR ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING TO LIMIT THE AMOUNT OF LAND STRIPPED OF ITS NATURAL COVER AND, THEREFORE, LIMIT DURATION OF EXPOSURE BEFORE STABILIZATION COVER IS ESTABLISHED.
- EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE REQUIRED FOR INSTALLATION HAS OCCURRED AND BEFORE ADJACENT CLEARING IS BEGUN. THE LOCATION OF SOME EROSION CONTROL DEVICES MAY NEED TO BE ALTERED FROM THAT SHOWN ON THE PLANS IF DRAINAGE PATTERNS DEVIATE FROM THOSE PROPOSED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER.
- CUT AND FILL SLOPES SHALL NOT EXCEED 2H:1V IN ALL LOCATIONS UNLESS INFEASIBLE.

STABILIZATION PHASE - SEQUENCE OF CONSTRUCTION:

- CONTINUE MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL FINAL STABILIZATION MEASURES ARE IN PLACE AND REMOVAL OF CONTROLS IS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- INSTALL LANDSCAPING AND ESTABLISH PERMANENT SOIL STABILIZATION.
- REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER THE ENTIRE AREA FLOWING TO EACH MEASURE IS PERMANENTLY STABILIZED AND APPROVED BY THE ENGINEER AND THE AUTHORITY HAVING JURISDICTION.

STABILIZATION PHASE - NOTES:

- ACCUMULATED SEDIMENT SHALL BE REMOVED AND REPLACED ON-SITE AND STABILIZED IN SUCH A MANNER THAT IT DOES NOT ACCUMULATE AGAIN.
- TEMPORARY SEED, AS APPLICABLE, SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE CEASING.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH RAIN EVENT AND AT THE END OF EACH WORKING DAY. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF THE SEDIMENT ACCUMULATION HAS REACHED 1/2 HEIGHT OF THE CAPACITY OF THE DEVICE, AS APPLICABLE.
- THE CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PAVED AREAS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO PAVED AREAS OR INTO STORM DRAINAGE SHALL BE IMMEDIATELY REMOVED.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF EROSION CONTROL MEASURES INDICATED DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS DIRECTED BY THE ON-SITE INSPECTOR OR ENGINEER.
- UPON COMPLETION OF THE PROJECT AND AUTHORIZATION FROM THE AUTHORITY HAVING JURISDICTION, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND PROPERLY DISPOSE OF THEM UNLESS OTHERWISE NOTED.

EROSION AND SEDIMENT CONTROLS

STABILIZATION PRACTICES:

- STOCKPILING MATERIAL:** NO EXCAVATED MATERIAL SHOULD BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.
- EXPOSED AREA LIMITATION:** THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATION OR EXCAVATION AND FILLING OPERATIONS SHALL BE MINIMIZED.
- DUST CONTROL:** AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL TREATMENT WITHIN 30 DAYS SHALL BE STABILIZED.
- TEMPORARY SEEDING AND MULCHING:** PROVIDE TEMPORARY STABILIZATION WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY IS COMPLETE UNLESS CONSTRUCTION ACTIVITY IS GOING TO RESUME WITHIN THAT 14 DAY PERIOD. COVER SEEDED AREA WITH AN APPROPRIATE MULCH TO PROVIDE PROTECTION FROM THE WEATHER. RE-SEED IF THE TEMPORARY VEGETATION DOES NOT GROW QUICKLY OR THICK ENOUGH TO PREVENT EROSION.
- MAINTENANCE:** ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT TRANSPORTATION SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.

STRUCTURAL PRACTICES:

- SILT FENCE:** SILT FENCE WILL BE USED AS TEMPORARY PERIMETER CONTROL UNTIL FINAL STABILIZATION IS ACHIEVED.

OTHER CONTROLS

HAZARDOUS WASTES

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT IS RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED AND INSTRUCTING SITE PERSONNEL IN THESE PRACTICES. SAFETY DATA SHEETS (SDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN SDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH SDS WILL BE MAINTAINED IN THE SWPPP AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF SDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE SDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.

SANITARY WASTES

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS.

ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM

WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMPs MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

OFFSITE VEHICLE TRACKING

THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH THE TARPALIN.

TEMPORARY SEEDING

(TO BE USED ONLY FOR TEMPORARY STABILIZATION DURING CONSTRUCTION)

- ALL PREPARATION, INSTALLATION, AND MAINTENANCE OF TEMPORARY SEEDING SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE FDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).
- IN PARTICULAR THE CONTRACTOR SHALL:

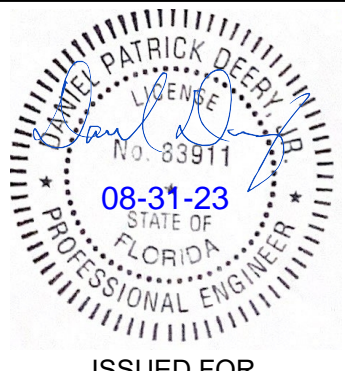


- ESTABLISH A STAND OF VEGETATION THAT IS CAPABLE OF EROSION CONTROL.
- PROVIDE MINIMUM DENSITY COVERAGE OF 70% THROUGHOUT THE SEEDED AREA.
- MAINTAIN THE STAND OF VEGETATION UNTIL REPLACED BY PERMANENT LANDSCAPING OR SUBSEQUENT CONSTRUCTION.

PERMANENT SEEDING

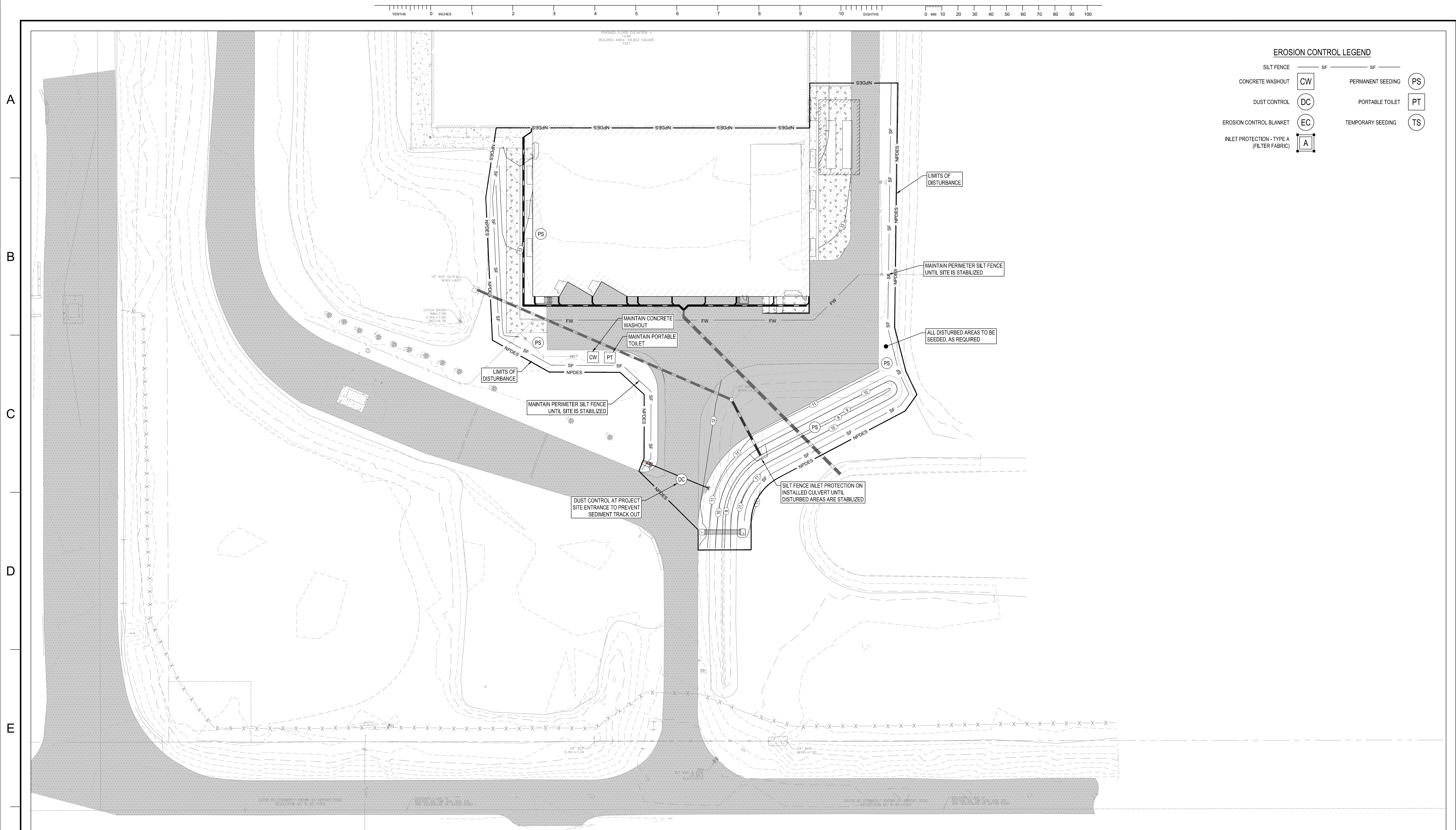
(TO BE USED WHERE PERMANENT TURF BY SEEDING IS INDICATED ON PLANS OR DETAILS)

- ALL PREPARATION, INSTALLATION, AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE LANDSCAPING SPECIFICATIONS FOR THE PROJECT OR, IN INSTANCES WHERE LANDSCAPING SPECIFICATIONS DO NOT EXIST, IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE FDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).
- IN PARTICULAR THE CONTRACTOR SHALL, AT A MINIMUM UNLESS OTHERWISE SPECIFIED AS INDICATED ABOVE:
 - ESTABLISH A UNIFORM PERENNIAL STAND OF VEGETATION WITH A ROOT SYSTEM THAT IS SUFFICIENTLY DEVELOPED TO SURVIVE DRY PERIODS AND WINTER WEATHER AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING.
 - PROVIDE MINIMUM DENSITY COVERAGE OF 70% THROUGHOUT THE SEEDED AREA.
 - MAINTAIN THE STAND OF VEGETATION INCLUDING MOWING; FERTILIZING; WEED, DISEASE AND INSECT CONTROL; AND WATERING AS NECESSARY, UNTIL FINAL ACCEPTANCE BY THE AUTHORITY HAVING JURISDICTION.

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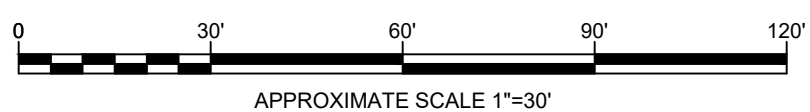
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		REV	DATE	REVISION & ISSUE HISTORY			DES	CHK	APP	SCALE AS NOTED				PROJECT NO. TEL2305		DRAWING NO. CV-DWG-0500	
														REV. 0			

AR010-04636



****CAUTION****

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED BY OTHERS. ISOMER PROJECT GROUP HAS NO PHYSICALLY LOCATED THE UNDERGROUND UTILITIES AND MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. ISOMER PROJECT GROUP FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE LOCATION INDICATED, ALTHOUGH ISOMER PROJECT GROUP DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.



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115 WELBORN ST., SUITE A
GREENVILLE, SC 29601
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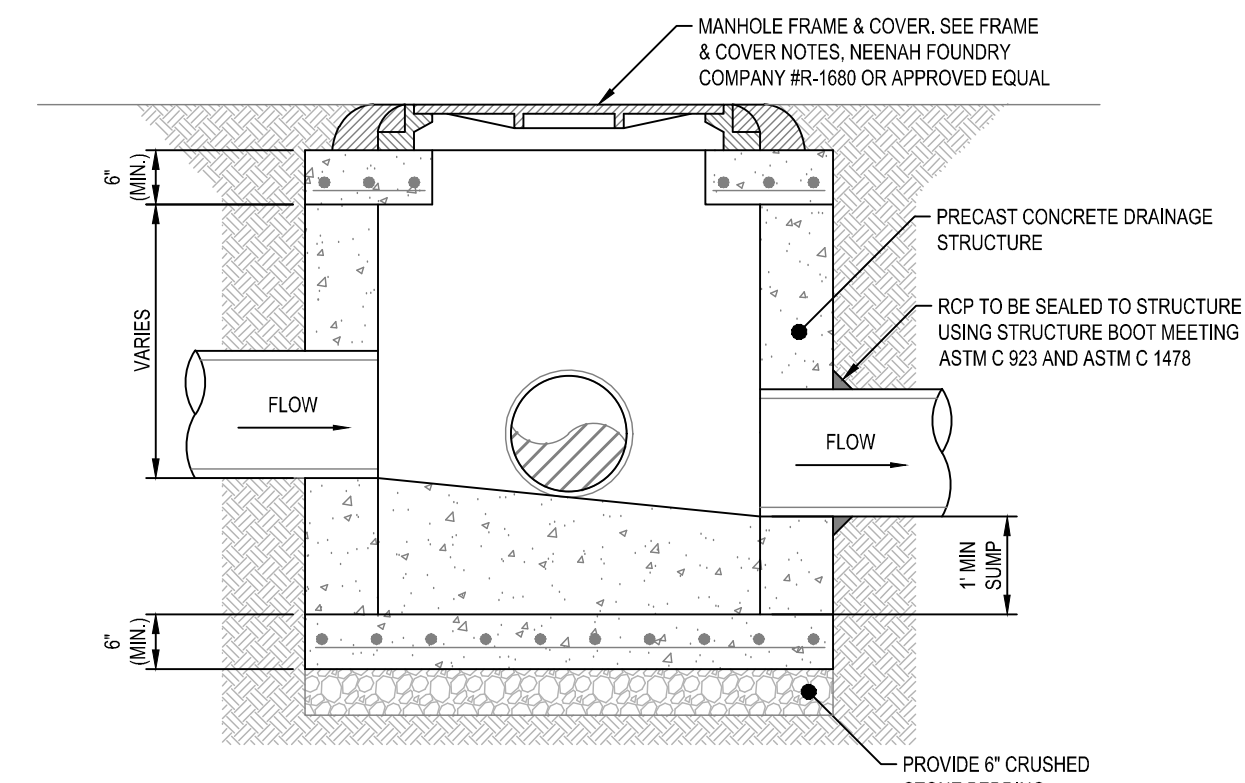
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(PHASE 2)

PROJECT NO.
TEL2305

DRAWING NO.
CV-DWG-0502

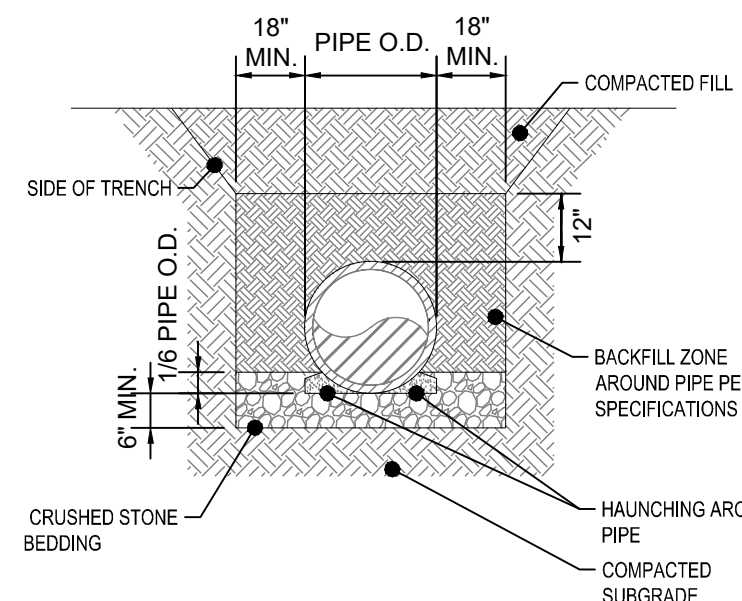
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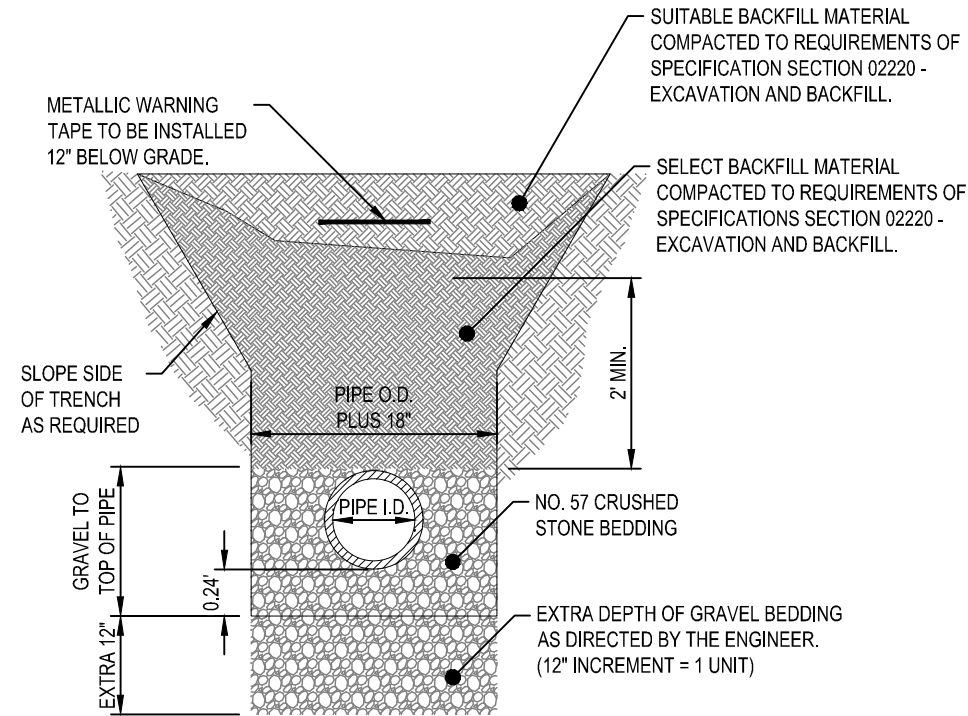
- NOTES:
- CONTRACTOR SHALL PROVIDE STRUCTURES SUITABLE TO ACCOMMODATE DRAINAGE PIPE SIZES INDICATED ON THE PLANS AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS.
 - ALL MANHOLE LIDS AND CATCH BASINS SHALL CONTAIN A LABEL IDENTIFYING THE SYSTEM AS STORMWATER AND MARKED WITH AN APPROPRIATE STORMWATER AWARENESS MESSAGE SUCH AS "NO DUMPING - DRAINS TO WATERWAYS"

JUNCTION BOX
N.T.S.

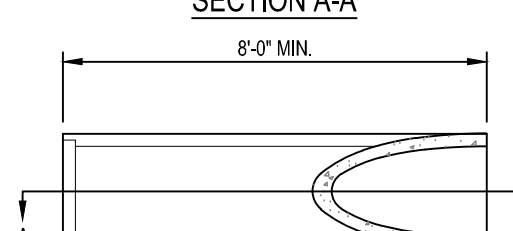
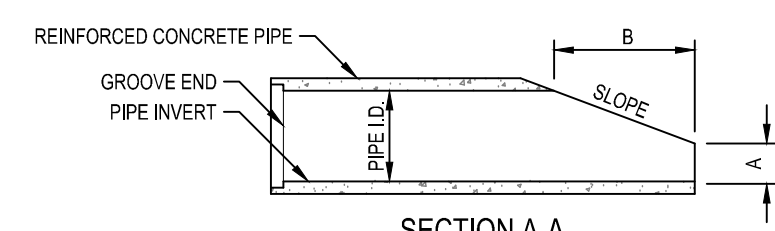


- NOTES:
- EXCAVATION FACE SHALL BE SHORED, SHIELDED OR SLOPED IN ACCORDANCE WITH OSHA "CONSTRUCTION STANDARDS FOR EXCAVATION".

RCP PIPE TRENCH
N.T.S.

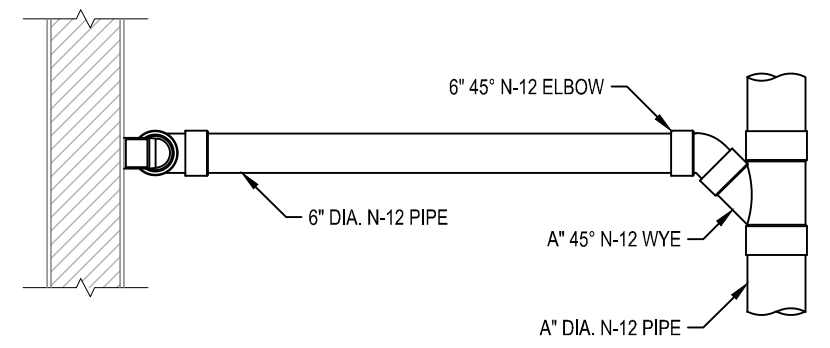


PVC PIPE TRENCH
N.T.S.

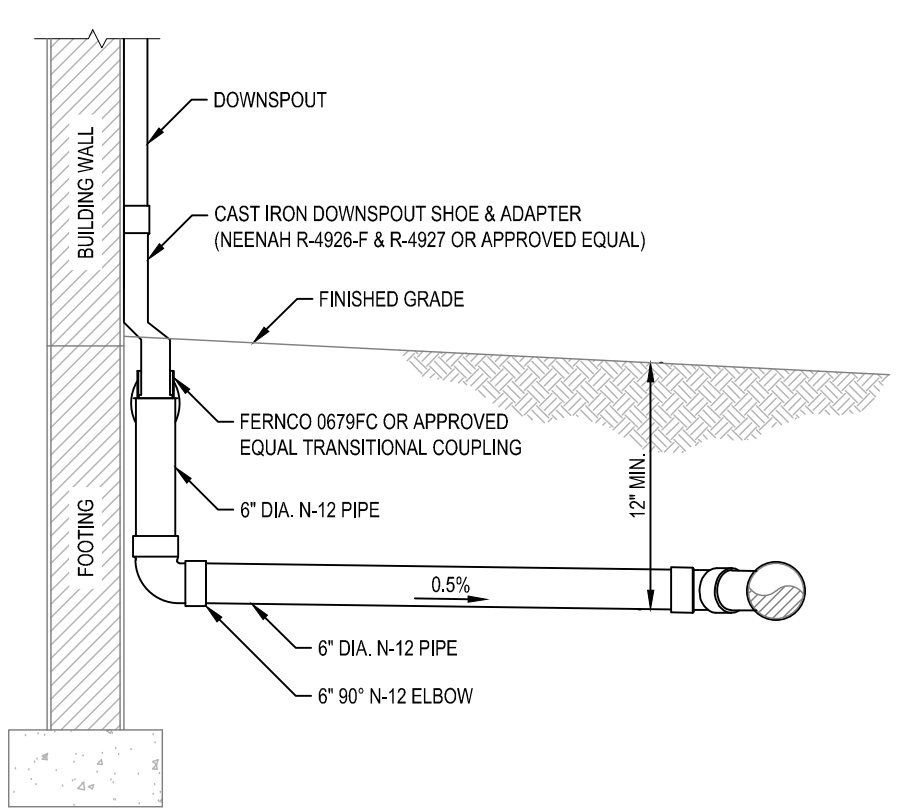


END SECTION DIMENSIONS			
PIPE I.D.	A"	B"	SLOPE
15"	0'-6"	2'-0"	4:1
18"	0'-9"	3'-0"	4:1
24"	0'-10"	3'-4"	4:1
30"	1'-0"	4'-6"	3:1
36"	1'-3"	5'-3"	3:1
42"	1'-8"	5'-6"	3:1
48"	2'-0"	6'-0"	3:1
54"	2'-4"	6'-6"	3:1
64"	3'-6"	10'-6"	3:1

BEVELED END RCP
N.T.S.



PLAN



PROFILE

- NOTES
- ALL PIPES AND FITTINGS SHALL BE N-12 HDPE AS MANUFACTURED BY ADS INC., OR APPROVED EQUAL.
 - PIPES AND FITTINGS SHALL BE SIZED IN ACCORDANCE WITH ROOF DRAINAGE SCHEDULE.
 - ALL PIPING SHALL BE SLOPED FOR POSITIVE DRAINAGE.
 - TIE-INS TO STORM DRAINAGE SHALL BE ACCOMPLISHED THROUGH ONEOF THE FOLLOWING:
 - INSERT A-TEE OR APPROVED EQUAL FITTING AT SPRINGLINE OF STORM PIPING.
 - TIE IN AT STRUCTURES 6" ABOVE IE (OUT).
 - TIE-INS TO VERTICAL DOWN SPOUT COMPONENTS SHALL BE A STANDARD COUPLING.
 - PIPING AND FITTINGS SHALL EXTEND A MINIMUM OF 6" ABOVE FINISHED GRADE OR 4" ABOVE FINISHED PAVEMENT.
 - CLEANOUT SHALL BE INSTALLED AT ALL CHANGES IN ROOF DRAIN DIRECTION.

ROOF DRAINAGE SCHEDULE	
NO. OF DOWN SPOUTS	HDPE STORM PIPE
1	6"
2	8"
3	10"
>4	12"

ROOF DRAIN
N.T.S.

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DANIEL PATRICK DEERY
LICENSE
No. 83911
08-31-23
STATE OF FLORIDA
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