



GENERAL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY WORK INCLUDING DEMOLITION.
2. ALL CONSTRUCTION RELATED PERMITS DURING THE CONSTRUCTION PHASE ARE THE RESPONSIBILITY OF THE CONTRACTOR.
3. REMOVE SHRUBS AND TREES AS NOTED. ROOTS AND STUMPS TO BE GRUBBED OUT. CONTRACTOR SHALL BACKFILL AND COMPACT SOIL TO RETURN TO EXISTING GRADE.
4. CONTRACTOR IS RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL DEBRIS.

DEMOLITION NOTES:

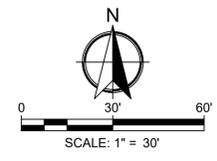
1. ALL NEW WORK SHOWN IN THESE PLANS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL BUILDING AND UTILITY INSTALLATION CODES.
2. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH # SPECIFICATIONS FOR ROADS AND STRUCTURES EXCEPT IN CASES WHERE WITHIN TOWN OF TYRONE JURISDICTION. IN THESE CASES, THE CONTRACTOR SHALL USE WHICHEVER SPECIFICATION IS MORE STRINGENT.
3. THERE MAY BE ADDITIONAL UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION AND TO NOTIFY THE OWNER IN CASE OF DISCREPANCIES THAT AFFECT THE CONSTRUCTION PROJECT.
4. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION, COMMUNICATION, AND COORDINATION WITH LOCAL UTILITY COMPANIES IN THE PROCESS OF LOCATION/RELOCATION OF AND THE-INS OF PUBLIC UTILITIES.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO ADJACENT STRUCTURES OR PROPERTY AS WELL AS ANY DAMAGE TO EXISTING STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF DAMAGED PROPERTY TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS OR SPECIFICATIONS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
7. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING TOWN OF TYRONE AND ALL EXISTING UTILITY PROVIDERS BEFORE REMOVING ANY/ALL UTILITIES FROM THEIR EXISTING LOCATION ON THE SITE. THE CONTRACTOR SHALL PERFORM ALL UTILITY DEMOLITION OR RELOCATION ACTIVITIES IN ACCORDANCE WITH THE EXISTING UTILITIES SPECIFICATIONS, MATERIALS, AND REQUIREMENTS.
8. THE CONTRACTOR SHALL SEQUENCE THE WORK AND PROVIDE TEMPORARY MEASURES AS NECESSARY TO MAINTAIN ACCESS TO THE SITE THROUGH ALL ENTRANCES AT ALL TIMES DURING CONSTRUCTION. TEMPORARY PROVISIONS, THESE TEMPORARY PROVISIONS MAY INCLUDE BUT ARE NOT LIMITED TO: TRAFFIC CONTROL, BARRICADES, FLAGPERSON, SIGNAGE, OR OTHER METHODS NECESSARY TO ACCOMPLISH THE WORK.
9. CONTRACTOR SHALL CONSIDER COORDINATION ASPECTS OF CRANES AND CONSTRUCTION EQUIPMENT OPERATIONS DURING DEMOLITION ACTIVITY.
10. CONTRACTOR EQUIPMENT SHALL NOT BE PARKED IN COUNTY, CITY, OR STATE RIGHT-OF-WAY AND MUST BE STORED WITHIN THE SITE UNLESS GRANTED WRITTEN CONSENT BY OWNER OF THE AFOREMENTIONED RIGHT-OF-WAY.
11. THE CONTRACTOR IS RESPONSIBLE FOR COMMUNICATION AND COORDINATION WITH TOWN OF TYRONE AS REQUIRED DURING ALL DEMOLITION AND CONSTRUCTION ACTIVITY.
12. APPROVAL OF THESE PLANS BY TOWN OF TYRONE DOES NOT CONSTITUTE APPROVAL OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLANDS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
13. ALL BUFFERS AND SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
14. THE CONTRACTOR SHALL DISPOSE OF ANY HAZARDOUS MATERIALS IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS AND REQUIREMENTS.
15. THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL ITEMS DESIGNATED FOR REMOVAL.
16. THE CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION CENTER PRIOR TO ANY EXCAVATION.
17. CONTRACTOR TO LOCATE EXISTING WATER LINE, UNDERGROUND ELECTRICAL LINES, GAS LINES, UNDERGROUND TELEPHONE, AND ANY OTHER UTILITIES LINES DURING DEMOLITION ACTIVITIES AND COORDINATE FIELD LOCATION AND DEPTHS OF THESE UTILITIES WITH ENGINEER FOR PROPOSED UTILITY CROSSINGS AND PROPOSED PAVEMENT OVER EXISTING UTILITY LINES. THESE LINES MAY BE RELOCATED AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
18. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

THE CONTRACTOR SHALL REPLACE OR REPAIR ANY FEATURES DAMAGED DURING CONSTRUCTION NOT INTENDED FOR DEMOLITION, INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURBING, SIDEWALKS, LANDSCAPING, SIGNS, OR HARDSCAPE ITEMS. THE CONTRACTOR SHALL REPAIR DAMAGED FEATURES TO ORIGINAL CONDITION OR BETTER AT CONTRACTOR'S EXPENSE.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION & PROTECTION OF EXISTING ABOVE AND BELOW GRADE UTILITIES PRESENTLY IN SERVICE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE OF THE OWNER OR UTILITY PROVIDER

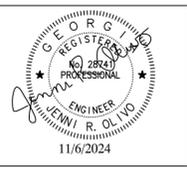
LEGEND

- EXISTING GRAVEL TO BE REMOVED AND DISPOSED OF
- TREE TO BE REMOVED
- LOC - LIMITS OF CONSTRUCTION (TYP.)
- FENCE TO BE REMOVED



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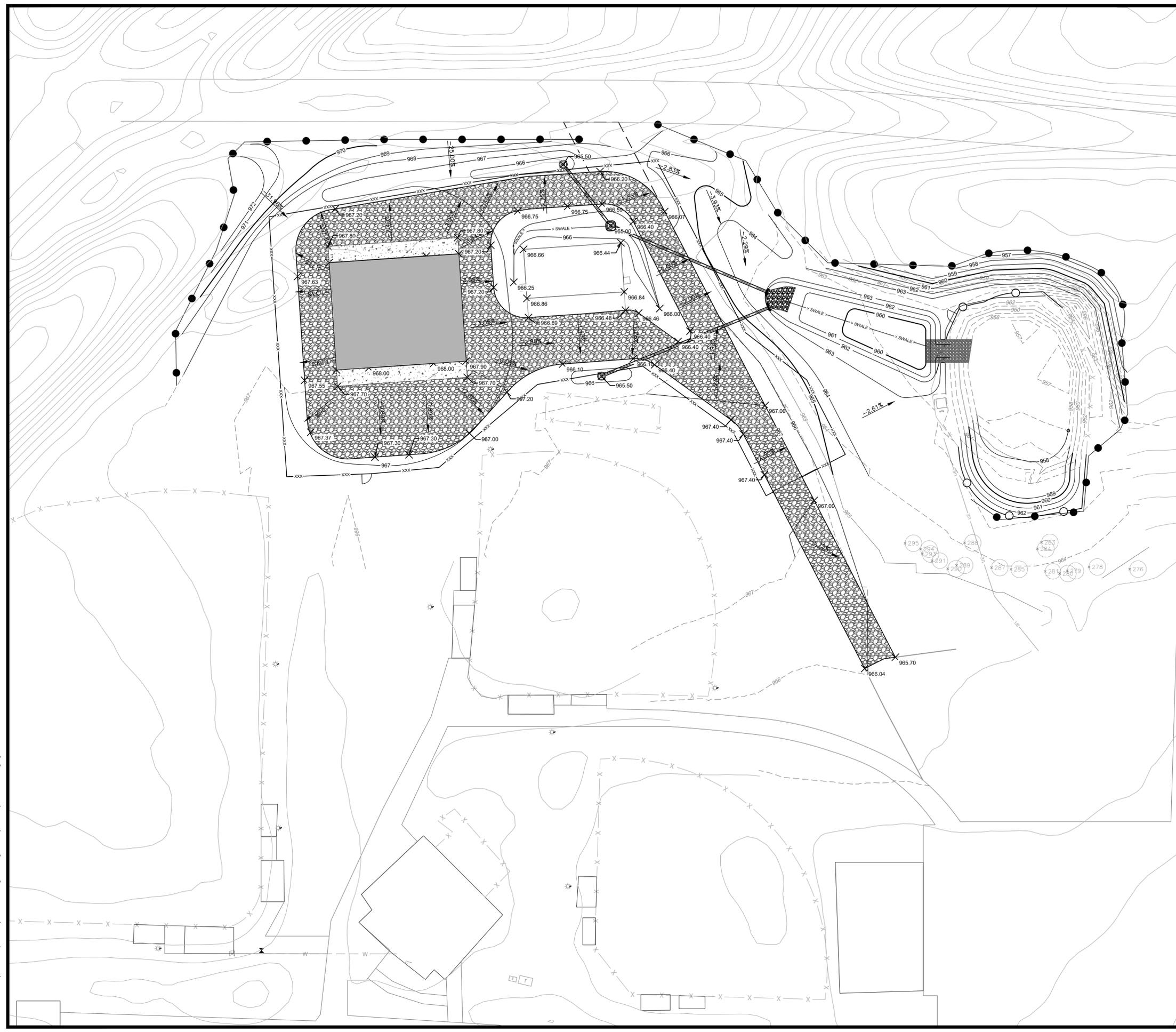
**HANDLEY PARK PUBLIC WORKS
 STORAGE BUILDING**
 Tyrone, Georgia
DEMOLITION PLAN

THIS BAR IS
 1 INCH LONG
 PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE
 Drawn By: **BAF** Checked By: **KP**
 Date: **06/19/2024**
 Scale: **As Shown**

Project No.:
230378
 Drawing No.:
C-2.0

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GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE SURVEY SHOWN IN THESE PLANS AND FIELD CONDITIONS BEFORE PROCEEDING IN ANY NEW CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR CORRECT HORIZONTAL AND VERTICAL ALIGNMENT OF ALL TIE-INS BETWEEN PROPOSED AND EXISTING PAVEMENTS, INCLUDING BUT NOT LIMITED TO: SIDEWALKS, CURBS, GUTTERS, UTILITIES, AND WALLS.
3. CONTRACTOR TO ENSURE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED SURFACES.

SITE NOTES:

1. EXISTING TRACT IS ZONED: OS_OPEN SPACE.
2. ALL BUFFERS, TREE SAVE AREAS, AND UNDISTURBED AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES.
3. CONSTRUCTION TRAILER IS TO BE PERMITTED THROUGH TOWN OF TYRONE.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES AND TREE PROTECTION MEASURES ARE TO BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
5. MAXIMUM FILL/CUT SLOPES SHALL BE 3H:1V.
13. TOWN CONTACT: SCOTT LANGFORD, PE, 770-487-4038 XT. 109. IN THE EVENT OF AN EMERGENCY AFTER BUSINESS HOURS, CONTACT 911.
14. CONTRACTOR SHALL COORDINATE WITH TOWN OF TYRONE INSPECTORS REGARDING ALL CERTIFICATE OF OCCUPANCY REQUIREMENTS AND COORDINATE WITH ENGINEER APPROXIMATELY 8-WEEKS PRIOR TO ANTICIPATED CERTIFICATE OF OCCUPANCY DATE REGARDING ANY ITEMS REQUIRING ENGINEER APPROVAL OR CERTIFICATION.
15. ALL FINISHED GRADES SHALL BE BELOW FFE OF EXISTING BUILDINGS AND STRUCTURES TO ALLOW FOR PROPER DRAINAGE.
16. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IN ALL HARDSCAPE, LANDSCAPE, AND TURF AREAS. NO PONDING SHALL OCCUR.
17. WHERE PROPOSED AND EXISTING GRADES MEET, TRANSITIONS SHALL BE SMOOTH AND BLEND NATURALLY TO THE EXISTING TOPOGRAPHY.
18. ALL TURF AREAS SHALL BE GRADED SMOOTHLY TO PREVENT SCALPING WHEN MOWED.
19. PROVIDE MINIMUM 2-FOOT COVER FOR STORM DRAINAGE PIPE UNLESS CLASS V RCP UNDER ROADWAYS AND /OR TRAFFICKED AREAS.
20. CONSTRUCTION STAGING SHALL BE LOCATED IN PARKING LOT TO THE EAST OF THE SITE UNLESS AN ALTERNATE LOCATION IS AGREED UPON WITH THE TOWN OF TYRONE PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SECURITY ON THE SITE.
22. THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECTED TO DUST FORMATION MUST BE PERIODICALLY WATERED SUFFICIENT TO RETARD DUST.
23. TYPE OF GRASS OR SOD USED ON THIS PROJECT WILL BE REQUIRED TO MATCH TYPE OF GRASS OR SOD WHICH MAY BE PLANTED AND GROWING ON THE ADJACENT LAWN. I.E. BERMUDA SOD FOR BERMUDA SOD, ZOYSIA FOR ZOYSIA ETC.
24. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL.
25. CONTRACTOR SHALL COORDINATE WITH THE TOWN OF TYRONE PUBLIC WORKS FOR REPAIR AND REPLACEMENT OF EXISTING UNDERGROUND UTILITIES AS NEEDED. CONTRACTOR TO ENSURE ALL BACKFILL MEETS MINIMUM COMPACTION REQUIREMENTS.
26. CONTRACTOR TO ENSURE THAT ALL PROPOSED CONCRETE IS FINISHED TO THE SATISFACTION OF THE TOWN OF TYRONE. CONTRACTOR TO COORDINATE WITH THE TOWN OF TYRONE AND ENGINEER TO REVIEW THE FIRST CONCRETE POUR, PRIOR TO MOVING FORWARD WITH THE REMAINING CONCRETE PLACEMENT.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWINGS SHOWING "AS-BUILT" (RECORD DRAWING) CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO THE DESIGNER, OWNER, AND/OR THE INSPECTOR UPON REQUEST. THE MARK-UPS SHALL BE KEPT AT THE SITE AT ALL TIMES DURING CONSTRUCTION AND PROVIDED TO THE OWNER AT THE END OF CONSTRUCTION. AT SUBSTANTIAL COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TOPOGRAPHICAL SURVEY OF THE ENTIRE SITE PERFORMED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF GEORGIA.
28. COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
29. DEMOLITION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE CONTRACT OR PROJECT SPECIFICATIONS. ALL WASTE, SOILS, VEGETATION, AND OTHER DELETERIOUS MATERIALS SHALL BE HAULED OFFSITE AND DISPOSED OF AT AN APPROVED LOCATION IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BURNING WILL NOT BE ALLOWED ON THIS PROJECT UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE TOWN.
30. GRADING COMPLETE INCLUDED BUT IS NOT LIMITED TO MOBILIZATION, CLEARING, GRUBBING, GRADING, DEMOLITION, TEMPORARY MEASURES, SAWCUTTING PAVEMENT, REMOVAL OF TREES AND STUMPS, REMOVAL OF CURB AND PAVEMENT, ADJUSTING MANHOLES, WATER VALVES, WATER METERS, AND OTHER UTILITIES TO FINISHED GRADE, CONSTRUCTION TESTING, REPLACEMENT OF PROPERTY OWNER FEATURES DAMAGED OR REMOVED DURING CONSTRUCTION (THIS INCLUDES ITEMS INSIDE AND OUTSIDE THE CONSTRUCTION LIMITS). ANY ITEM NOT SPECIFIED SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR GRADING COMPLETE.

Keck+Wood
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REGISTERED PROFESSIONAL ENGINEER
JENNI R. OLIVO
11/6/2024

NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia
GRADING PLAN

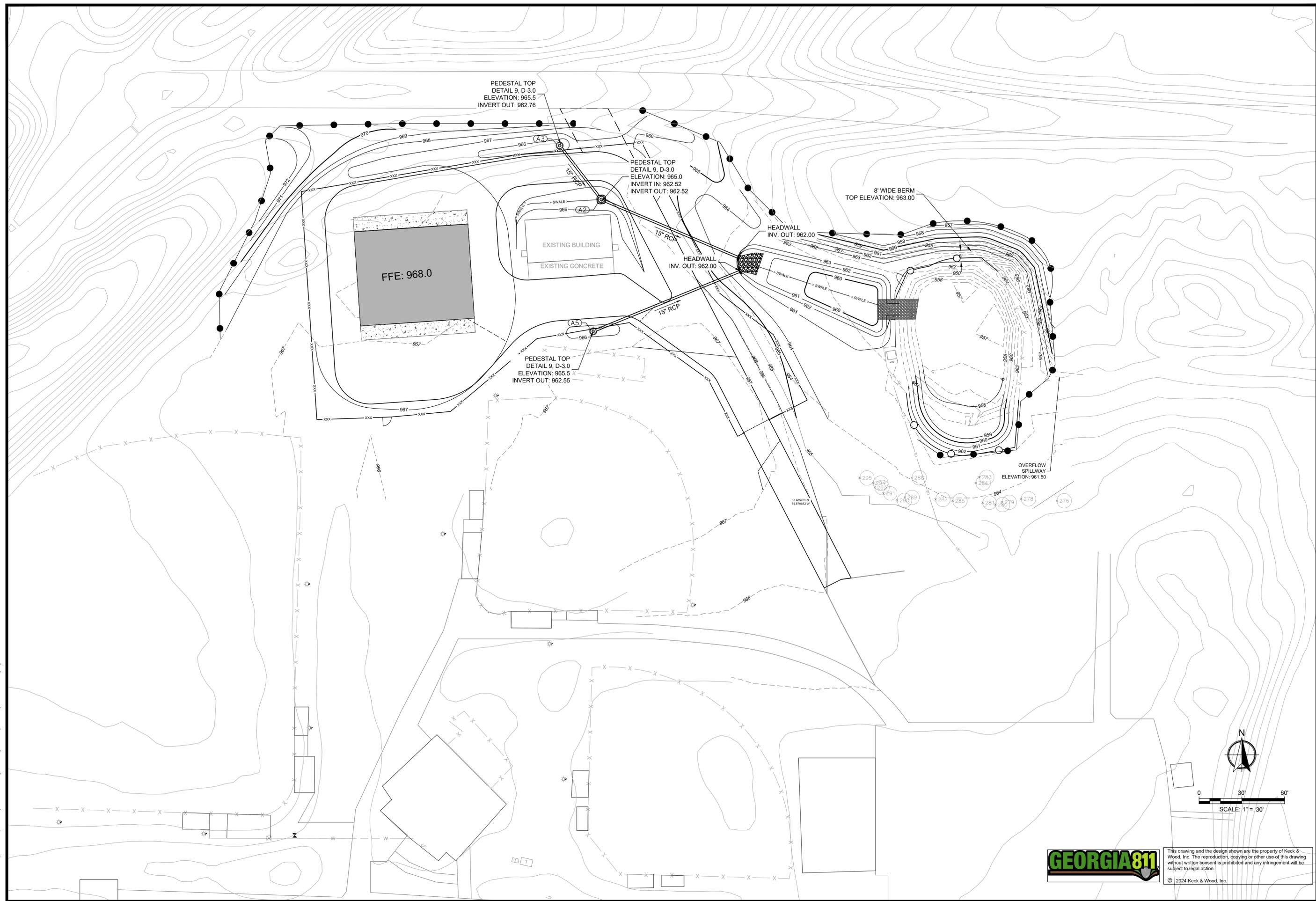
THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE
Drawn By: BAF Checked By: KP
Date: 06/19/2024
Scale: As Shown

Project No.:
230378
Drawing No.:
C-4.0



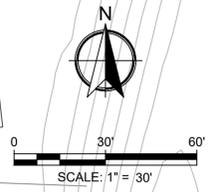
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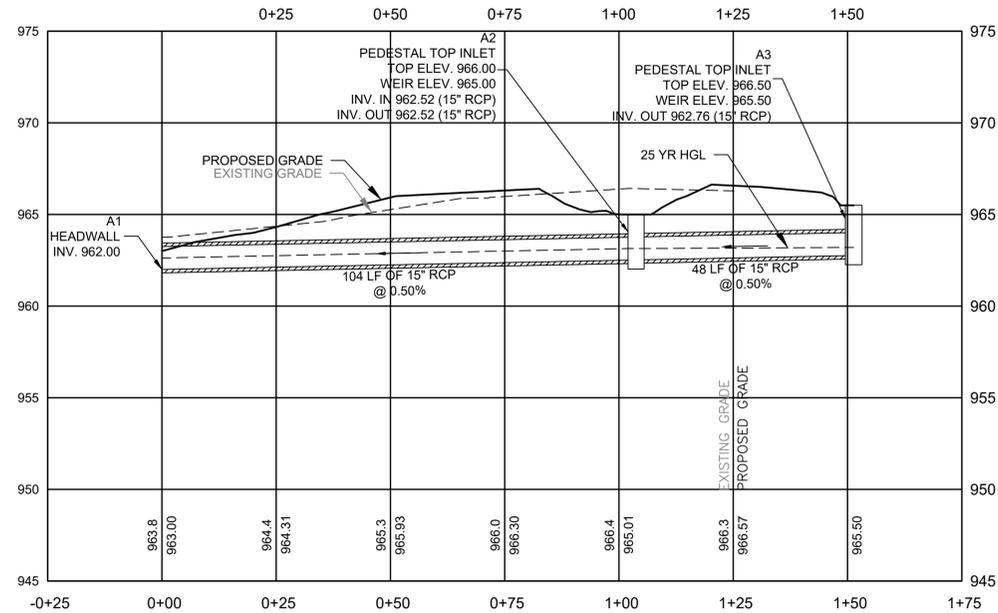
**HANDLEY PARK PUBLIC WORKS
 STORAGE BUILDING**
 Tyrone, Georgia
STORM DRAINAGE PLAN

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE	
Project Manager:	JENNI OLIVO, PE
Drawn By:	BAF
Checked By:	KP
Date:	06/19/2024
Scale:	As Shown
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Drawing No.:	C-4.1



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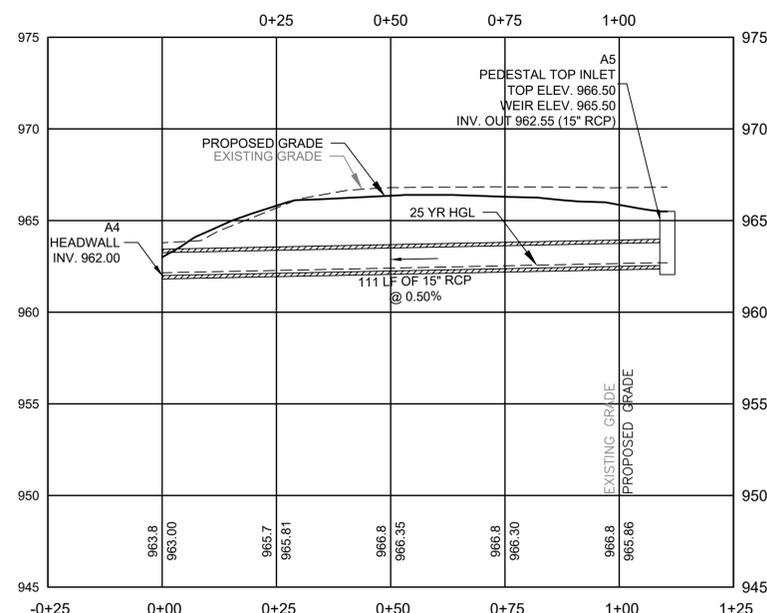
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STORM SYSTEM A1 TO A3

25-YEAR, 24 HOUR STORM EVENT

Station	Len	Drng Area		Rnoff coeff		Area x C		Tc		Rain (l)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
		Incr	Total	Incr	Total	Inlet	Syst	Size	Slope					Dn	Up	Dn	Up	Dn	Up			
1	End	103.736	0.25	0.62	0.58	0.15	0.30	5.0	5.8	8.0	2.38	4.95	3.97	15	0.50	962.00	962.52	962.61	963.14	0.00	965.00	A1-A2
2	1	47.613	0.37	0.37	0.41	0.15	0.15	5.0	5.0	8.2	1.25	4.97	2.65	15	0.50	962.52	962.76	963.14	963.20	965.00	965.50	A2-A3
3	End	110.517	0.04	0.04	0.46	0.02	0.02	5.0	5.0	8.2	0.15	4.93	1.80	15	0.50	962.00	962.55	962.15	962.70	0.00	965.50	A4-A5



STORM SYSTEM A4 TO A5

25-YEAR, 24 HOUR STORM EVENT

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet				Gutter						Inlet		Byp Line No	
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)		
1	A2	1.20	0.00	1.20	0.00	Dr/Crb	3.0	9.00	0.00	0.00	0.00	Sag	0.00	0.050	0.050	0.013	0.13	2.50	0.13	2.50	0.0	Off
2	A3	1.25	0.00	1.25	0.00	Dr/Crb	3.0	9.00	0.00	0.00	0.00	Sag	0.00	0.050	0.050	0.013	0.13	2.58	0.13	2.58	0.0	Off
3	A5	0.15	0.00	0.15	0.00	Dr/Crb	3.0	9.00	0.00	0.00	0.00	Sag	0.00	0.050	0.050	0.013	0.03	0.63	0.03	0.63	0.0	Off

SCALE:
HORIZ.: 1' = 20'
VERTI.: 1" = 5'



NO.	DATE	REVISION

HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING
Tyrone, Georgia
STORM PROFILES

THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE
Drawn By: BAF Checked By: KP
Date: 06/19/2024
Scale: As Shown

Project No.: 230378
Drawing No.: C-4.2



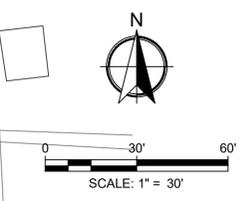
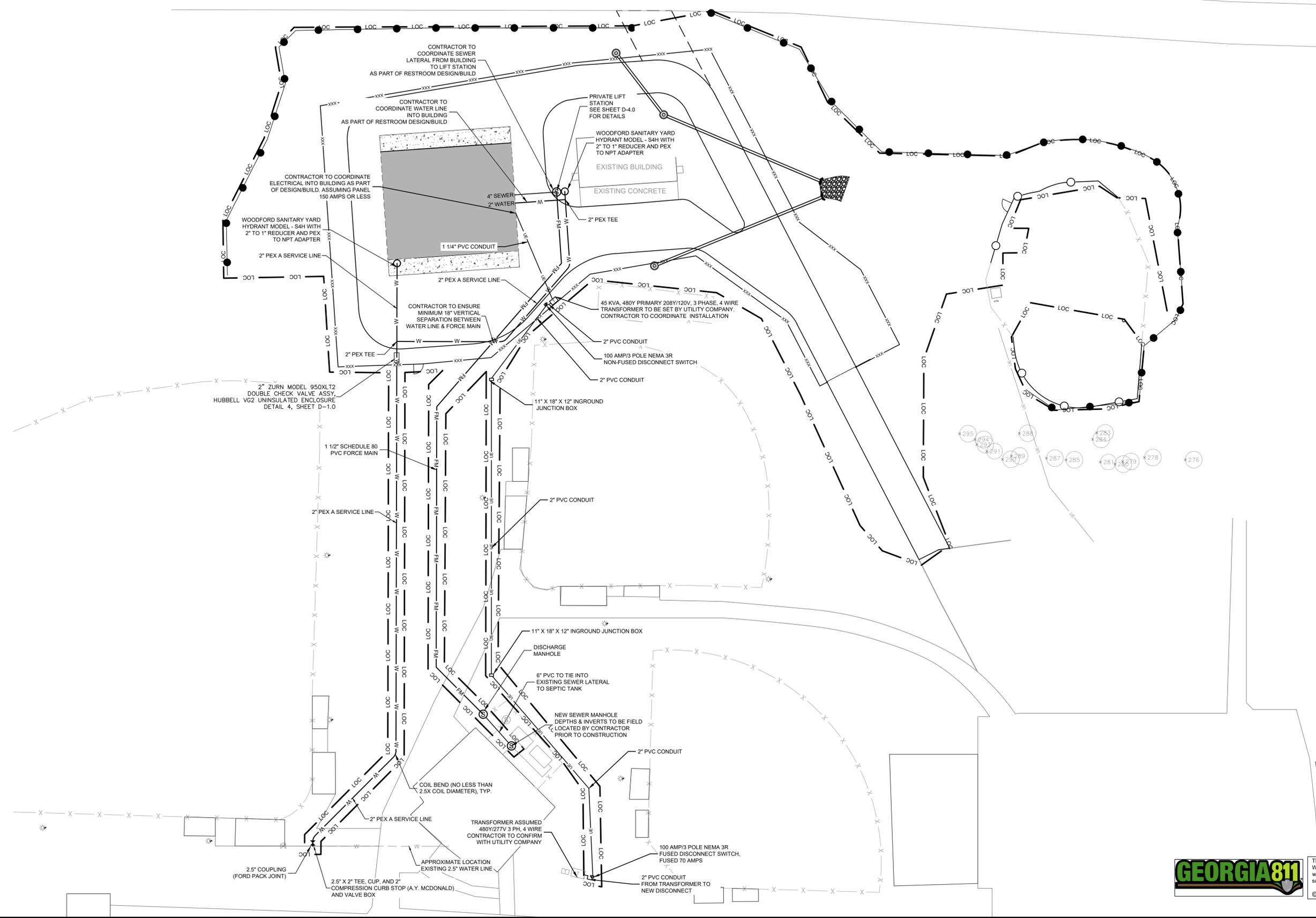
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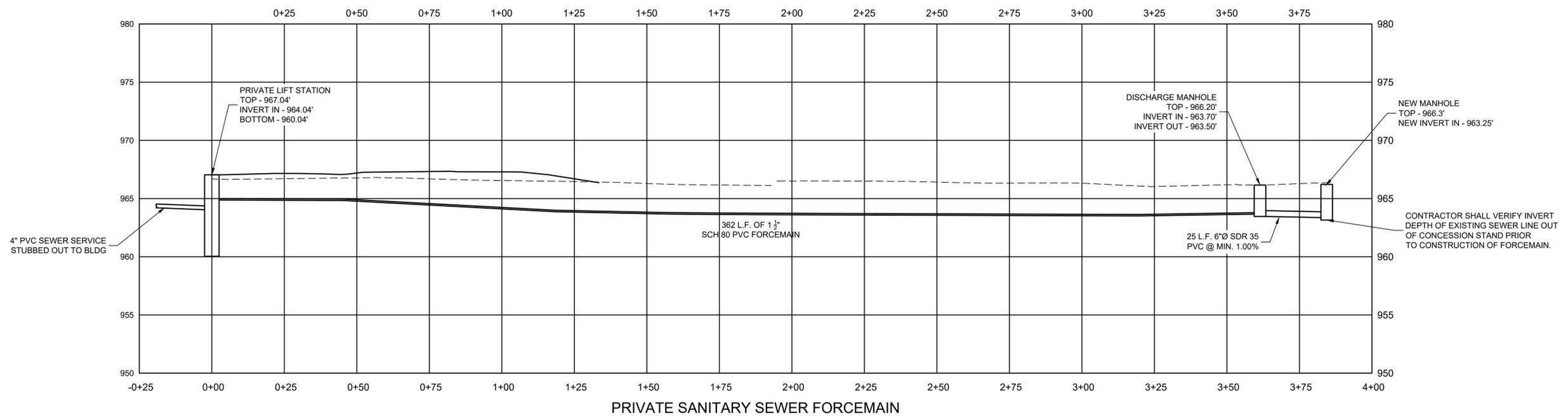
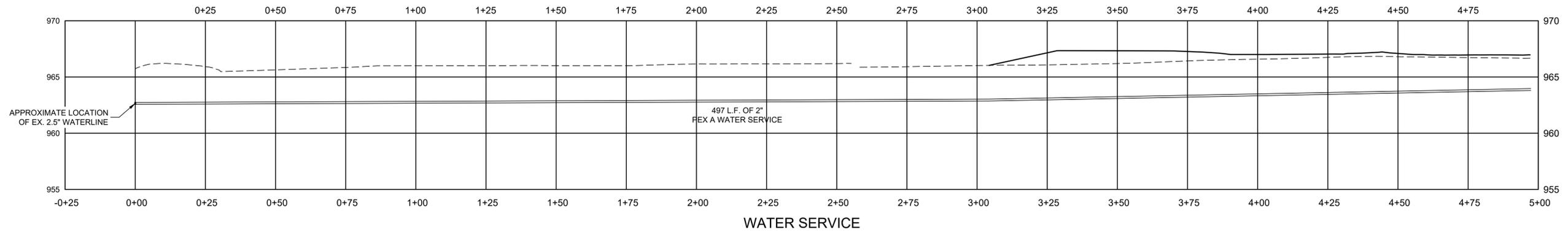
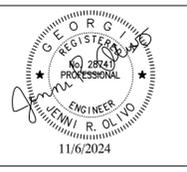
NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyronc, Georgia
UTILITY PLAN

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE	
Project Manager:	JENNI OLIVO, PE
Drawn By:	BAF
Checked By:	KP
Date:	06/19/2024
Scale:	As Shown
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**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia

UTILITY PROFILES

THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE

Drawn By: BAF Checked By: KP

Date: 06/19/2024

Scale: As Shown

Project No.:
230378

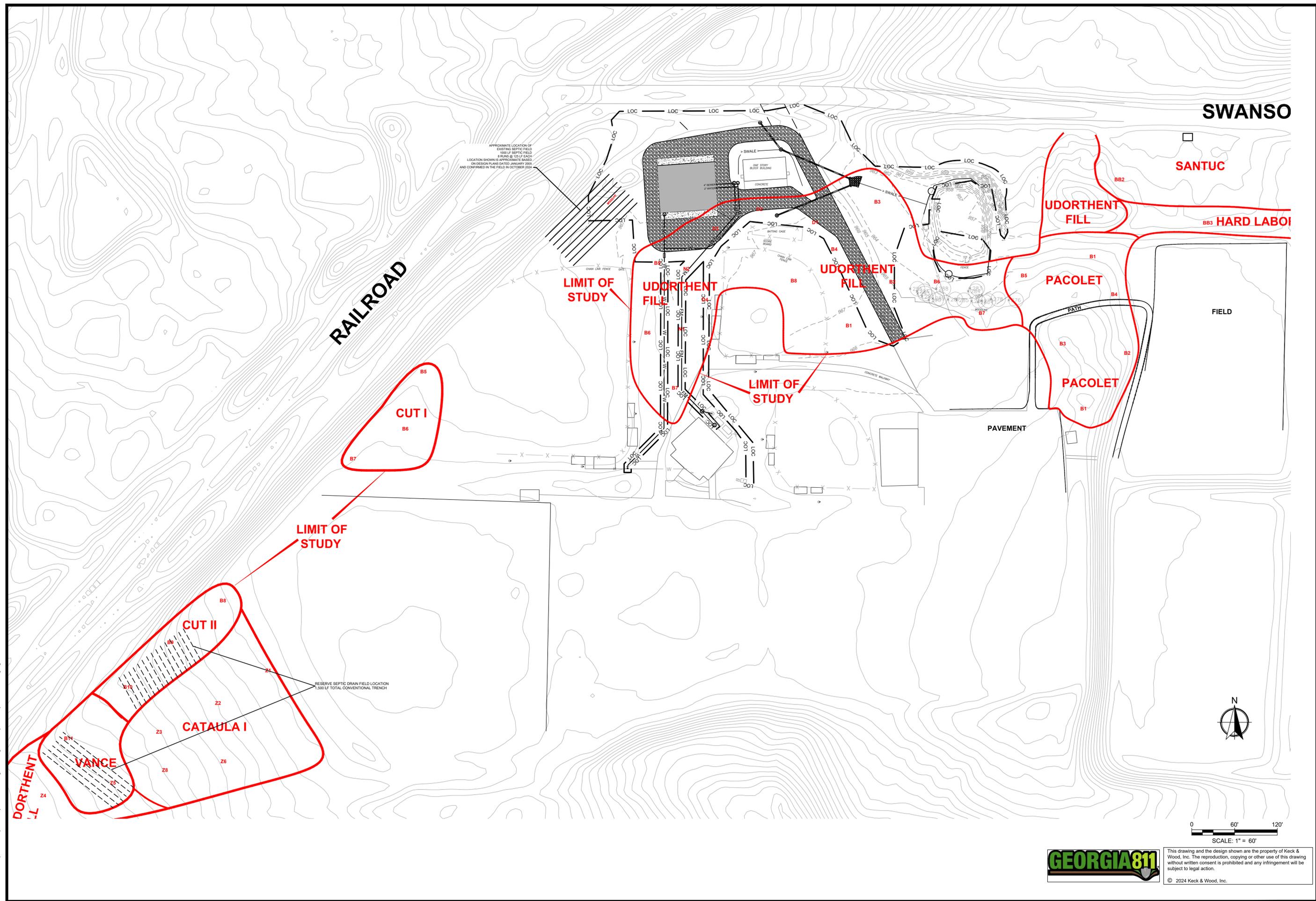
Drawing No.:
C-5.1

SCALE:
HORIZ.: 1" = 20'
VERT.: 1" = 5'



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NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
 STORAGE BUILDING**
 Tyrone, Georgia
SEPTIC SYSTEM SITE PLAN

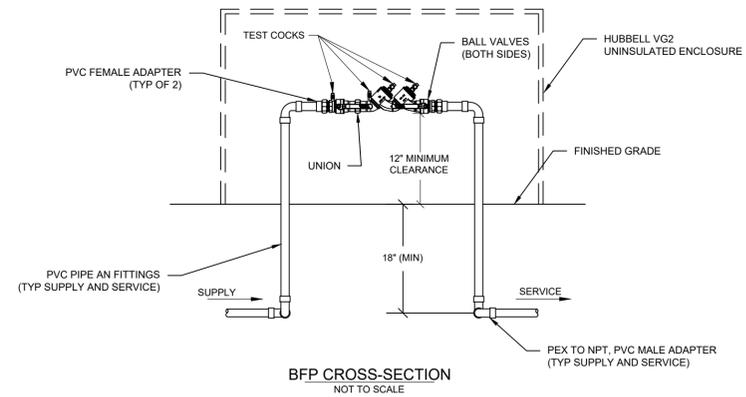
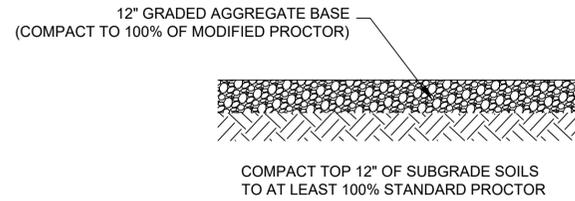
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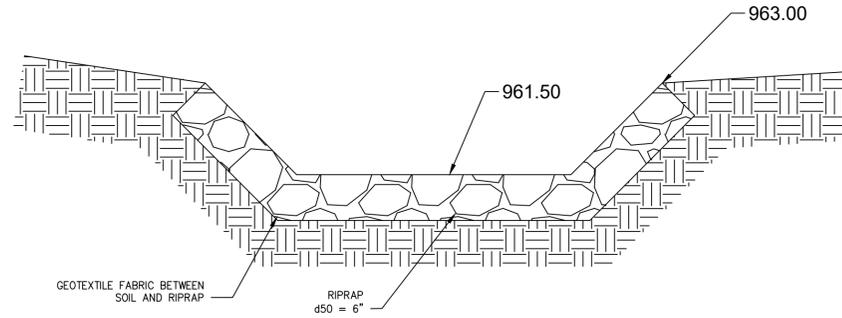
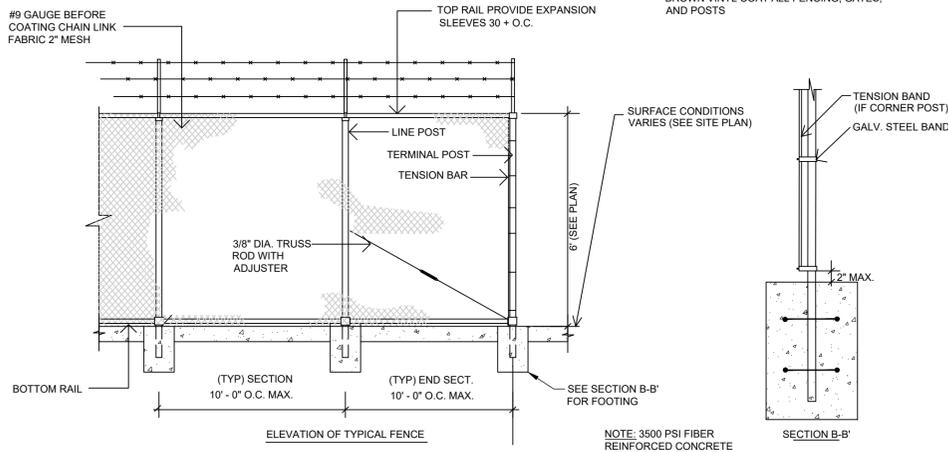
- NOTES:
1. ALL BRASS FITTING MATERIAL INSTALLED SHALL BE NSF APPROVED ACCORDANCE WITH THE CURRENT DRINKING WATER STANDARDS.
 2. PVC SHALL BE SCHEDULE 80
 3. BFP - ZURN MODEL 960XL72, DOUBLE CHECK VALVE OR OWNER APPROVED EQUIVALENT

1 **GRAVEL DRIVE SECTION**

4 **BACKFLOW PREVENTER**

NOTES: FENCE FABRIC TO BE KNUCKLED AT TOP AND BOTTOM ELEVATION SHALL BE FLUSH W/ PAVING OR FINISH GRADE. FENCE FABRIC SHALL BE INSTALLED ON THE INSIDE OF ALL POSTS. SEE SITE PLAN FOR LOCATION AND EXTENT OF VINYL COATED CHAIN-LINK FENCE. BANDS 12" O.C.; TIES 18" O.C. ALL FENCE TIES TO BE STEEL. ALUMINUM TIES WILL NOT BE ACCEPTED.

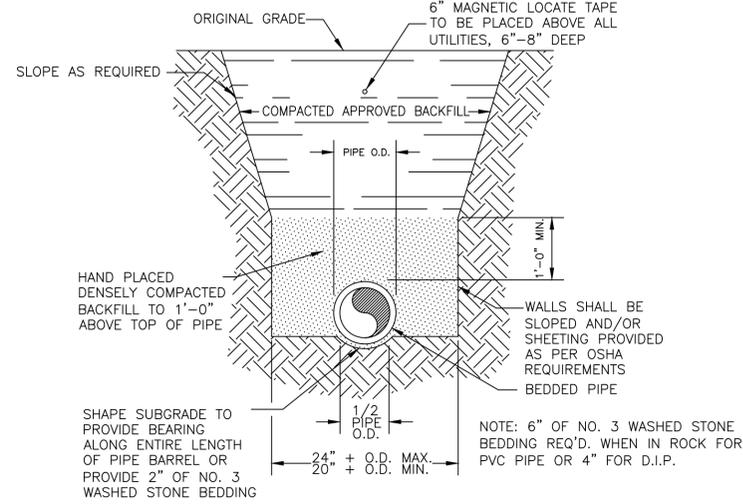
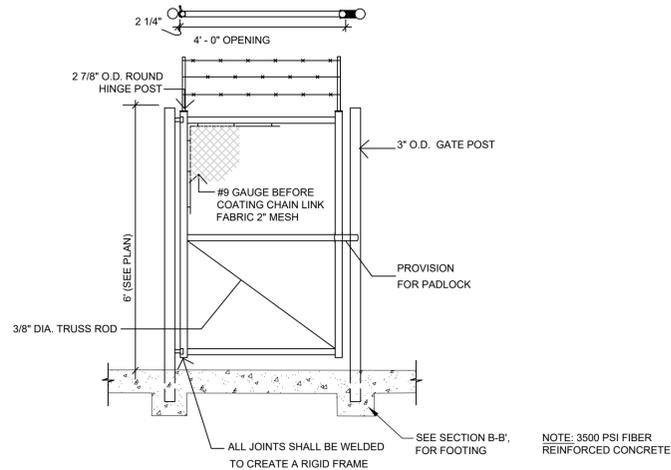
FENCE NOTES:
BROWN VINYL COAT ALL FENCING, GATES, AND POSTS



2 **BARBED WIRE FENCE**

5 **RIP RAP FOREBAY SPILLWAY CROSS SECTION**

GATE NOTES:
ALL GATES TO BE 9 GAUGE, GALVANIZED BEFORE BROWN VINYL COATING. FOOTING TO BE 4 TIMES THE POST WIDTH. ALL GATES SHALL SWING 180-DEG. CONTRACTOR TO PROVIDE PADLOCK FOR ALL GATES. BEST ACCESS SYSTEMS (OR APPROVED EQUAL)



3 **CHAIN LINK GATE**

6 **WATER/SEWER BEDDING**



NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia
CONSTRUCTION DETAILS

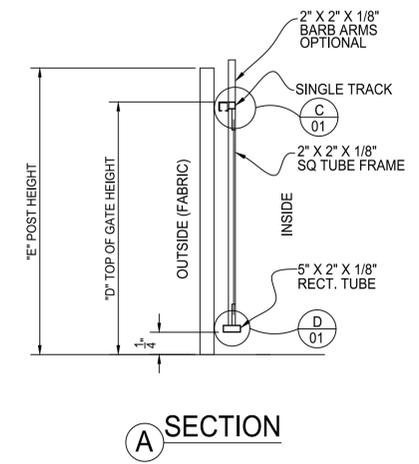
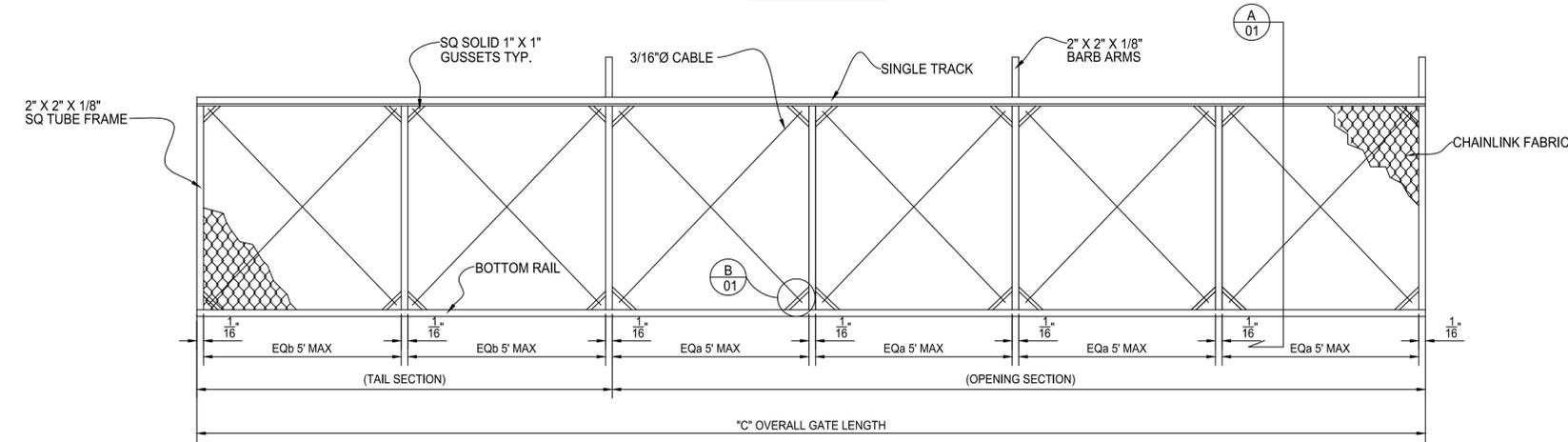
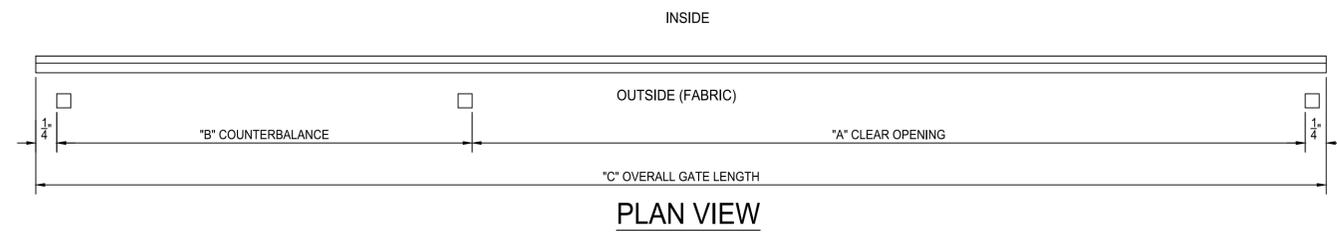
THIS BAR IS
1 INCH LONG
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JENNI OLIVO, PE
Drawn By: **BAF** Checked By: **KP**
Date: **06/19/2024**
Scale: **As Shown**

Project No.:
230378
Drawing No.:
D-1.0

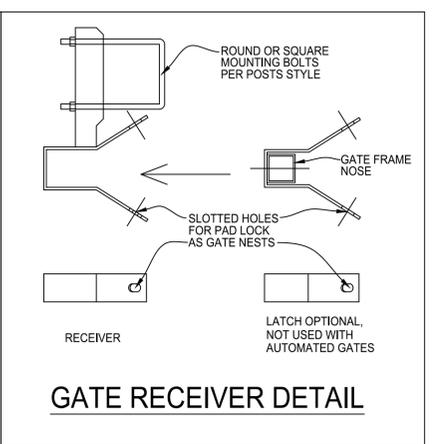
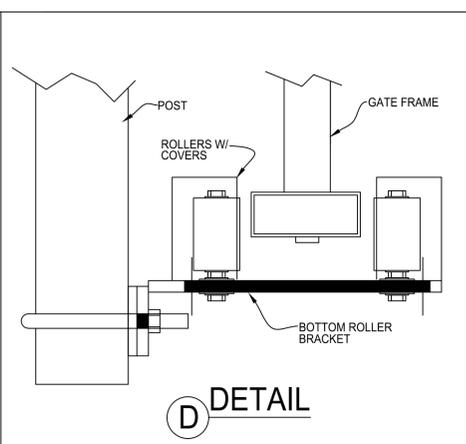
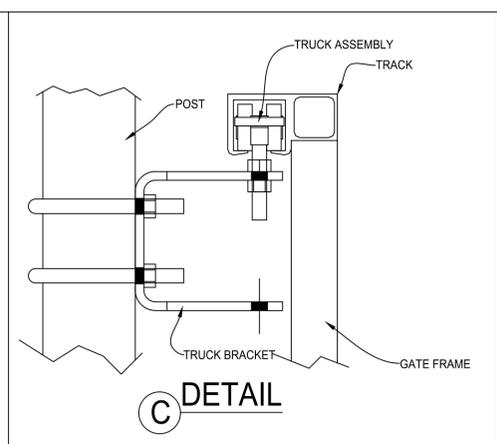
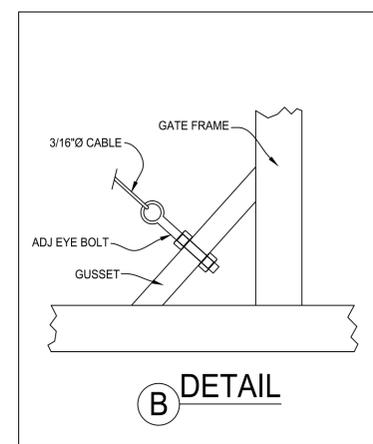


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**ELEVATION VIEW ALUMINUM CANTILEVER GATE
OUTSIDE LOOKING IN**

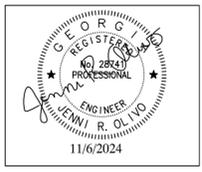
CRITICAL DIMENSIONS			
	DESCRIPTION	FORMULA	DIMENSION
"A"	CLEAR OPENING	A	20'
"B"	COUNTERBALANCE	A/2	10'
"C"	OVERALL GATE LENGTH	A + B + 12"	31'
"D"	TOP OF GATE HEIGHT	D	6'
"E"	POST HEIGHT	E	6'
ADJOINING FENCE HEIGHT		6'	
BARB ARMS REQUIRED		YES	NO
GATE STORAGE IN OPEN POSITION (OUTSIDE LOOKING IN)		LEFT (SHOWN)	RIGHT



DETAILS SHOWN ARE FROM AMERICAN FENCE COMPANY
CHAIN LINK ALUMINUM CANTILEVER GATE DETAIL



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NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia
CONSTRUCTION DETAILS

THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE
Drawn By: **BAF** Checked By: **KP**
Date: **06/19/2024**
Scale: **As Shown**

Project No.:
230378
Drawing No.:
D-2.0

GENERAL NOTES	
ITEM #	1. OWNER TOWN OF TYRONE 950 SENOIA ROAD TYRONE, GEORGIA 30290 770-487-4038
ITEM #	2. EMERGENCY 24-HOUR CONTACT TO BE PROVIDED BY THE CONTRACTOR UPON AWARD OF CONTRACT
ITEM #	3. TOTAL SITE AREA: 40.8 ACRES DISTURBED AREA: 2.17 ACRES
ITEM #	4. THE LAND DISTRICTS AND LAND LOTS FOR THE PROJECT ARE: LAND LOT 117, 7TH LAND DISTRICT, PARCEL NO. 0727 057
ITEM #	5. DESCRIPTION: THE CONSTRUCTION ACTIVITIES GENERALLY INCLUDE CLEARING, GRADING, AND EARTHWORK REQUIRED TO INSTALL A GRAVEL DRIVEWAY, 80' X 60' SLAB ON GRADE BUILDING, WATER SERVICE LINE, BIOSWALE, AND RECONSTRUCT EXISTING DETENTION POND. THE PROJECT WILL ALSO INCLUDE THE CONSTRUCTION OF A SANITARY SEWER PUMP STATION INCLUDING ALL NECESSARY APPURTENANCES AND ELECTRICAL SERVICES AND SERVICE ROAD CONSTRUCTION AND ALL NECESSARY EROSION AND SEDIMENTATION CONTROL.
ITEM #	6. EXISTING SITE CONDITIONS AND ADJACENT AREAS: THE MAJORITY OF THE EXISTING SITE IS VEGETATED AND/OR WOODED ALONG A COMBINATION OF ROADWAY RIGHT-OF-WAYS AND PRIVATE PROPERTY. SLOPES VARY FROM GENTLE TO STEEP AND THE VEGETATION VARIES FROM GRASS AND SOD TO MOSS AND DIRT SCATTERED WITH GRAVEL.
ITEM #	7. THIS SITE DOES NOT CONTAIN WETLANDS OR ANY KNOWN CEMETERIES.
ITEM #	8. NO UNIQUE VEGETATION, INCLUDING WETLAND VEGETATION, HAVE BEEN FOUND TO EXIST WITHIN THE LIMITS OF THIS PROJECT.
ITEM #	9. PROJECT SITE DOES NOT CONTAIN STATE WATERS REQUIRING UNDISTURBED BUFFERS, 25'.
ITEM #	10. FLAT CREEK IS THE RECEIVING WATERS.
ITEM #	11. THIS PROJECT DOES NOT DISCHARGE STORM WATER INTO AN IMPAIRED STREAM SEGMENT AND IS NOT WITHIN 1 MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.
ITEM #	12. NO EXISTING STORM DRAIN PIPES OR WEIRS WILL BE AFFECTED.
ITEM #	13. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
ITEM #	14. SITES ARE LOCATED IN THE TOWN OF TYRONE UNLESS OTHERWISE NOTED.
ITEM #	15. ALL LAND DISTURBING ACTIVITY IS LOCATED WITHIN AN EXISTING PARK.
ITEM #	16. ALL SPECIAL FLOOD HAZARD AREA INFORMATION TAKEN FROM PANELS ON FIRM MAPS DATED 9/26/2008.
ITEM #	17. WORK ZONES WILL BE SET UP ACCORDING TO M.U.T.C.D. MANUAL.
ITEM #	18. RETAINING WALLS OVER 4' IN HEIGHT AND PART OF INITIAL INFRASTRUCTURE WILL BE REQUIRED TO BE INSPECTED BY DESIGN PROFESSIONAL OR REPRESENTATIVE AND INSPECTION REPORT WILL BE REQUIRED AT TIME OF C.O.
ITEM #	19. ALL MANHOLES OR CATCH BASINS MAY NOT BE COVERED DURING OR AFTER CONSTRUCTION AND SHALL BE VISIBLE AND CLEAN ON FINAL INSPECTION.
ITEM #	20. SHOULDER RESTORATION WILL BE LEVEL WITH EXISTING ASPHALT AND SLOPING TO DITCH LINE.
ITEM #	21. ALL DRIVEWAY APRONS MUST BE INSPECTED WHEN FORMED AND AFTER Poured.
ITEM #	22. CONTRACTOR MUST CALL TOWN PUBLIC WORKS ENGINEERS OFFICE FOR INSPECTION OF ALL STORM DRAIN SYSTEMS (PIPES, BOXES, CATCH BASINS, ETC.) BEFORE BACKFILLING.
ITEM #	23. CONCRETE TRUCK DRUMS SHALL NOT BE WASHED OUT ONSITE AND SURPLUS CONCRETE WILL NOT BE DISCARDED ONSITE.
ITEM #	24. CONCRETE TRUCK SHOOTS AND TOOLS WILL BE WASHED OUT INTO THE WORKING TRENCH PRIOR TO BACKFILL. NO WATER FROM WASHING OFF TOOLS OR SHOOTS WILL LEAVE THE SITE OR DRAIN ONTO UNDISTURBED AREAS.
ITEM #	25. ANY SOIL OR DEBRIS ON ROAD WILL BE REMOVED DAILY OR IMMEDIATELY IF A HAZARDOUS ROAD CONDITION EXISTS.
ITEM #	26. PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE SITE. COVER WILL BE UTILIZED TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO NEGATE STORMWATER DISCHARGE OF POLLUTANTS FROM THESE AREAS.
ITEM #	27. LIMIT OF DISTURBANCE SHALL BE NO GREATER THAN 50 ACRES AT ANY ONE TIME WITHOUT PRIOR WIRTTEN AUTHORIZATION FROM THE EPD DISTRICT OFFICE.

EROSION CONTROL NOTES	
ITEM #	1. INSTALLATION: THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
ITEM #	2. MAINTENANCE: EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
ITEM #	3. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
ITEM #	4. EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE EMPLOYED BY THE CONTRACTOR WHERE DETERMINED NECESSARY BY LOCAL AUTHORITIES OR THE ENGINEER BASED UPON ACTUAL SITE CONDITIONS. CHECK DAMS (CD) WILL BE USED AS NEEDED.
ITEM #	5. EROSION CONTROL MEASURES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE DRAWINGS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE DRAINAGE PATTERNS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ADDITIONAL SEDIMENT BARRIERS WILL BE PLACED AS REQUIRED BY INSPECTOR.
ITEM #	6. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR DURING CONSTRUCTION. PROVISIONS TO PREVENT EROSION OF SOIL FROM SITE SHALL BE, AT A MINIMUM, IN CONFORMANCE WITH THE LATEST REVISION OF THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA."
ITEM #	7. FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED.
ITEM #	8. IF FINES OR PENALTIES ARE LEVIED AGAINST THE PROPERTY OR THE PROPERTY OWNER BECAUSE OF A LACK OF EROSION OR SEDIMENTATION CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF SUCH FINES OR PENALTIES, OR THE COST OF SUCH FINES OR PENALTIES SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
ITEM #	9. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
ITEM #	10. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE OR SITE ONTO PUBLIC ROADWAYS OR INTO STORM DRAINS SHALL BE KEPT TO A MINIMUM & REMOVED BY THE END OF THE DAY.

CONTRACTOR RESPONSIBILITIES	
1.	CONTRACTOR TO PROVIDE 24 HOUR CONTACT FOR EROSION CONTROL.
2.	CERTIFIED PERSONNEL RESPONSIBLE FOR COMPLETING NPDES INSPECTIONS/REPORTS TO BE PROVIDED BY CONTRACTOR.
3.	CERTIFIED PERSONNEL PROVIDED BY CONTRACTOR SHALL PERFORM REQUIRED NPDES SAMPLING AND REPORTING.
4.	CONTRACTOR SHALL BE RESPONSIBLE FOR FILING THE NOTICE OF INTENT FOR PROJECT AND NOTICE OF TERMINATION.
5.	CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD UPON COMPLETION OF INSTALLATION OF INITIAL PHASE BMP'S TO PERFORM THE 7-DAY EROSION CONTROL INSPECTION.

EROSION CONTROL NOTES (CONT.)	
ITEM #	12. THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO LAND DISTURBING ACTIVITIES.
ITEM #	13. TEMPORARY MULCHING SHALL BE PROVIDED TO DISTURBED AREAS DAILY.
ITEM #	14. LIMITS OF CONSTRUCTION SHALL BE CONTAINED WITHIN THE RIGHT OF WAY AND EASEMENTS OBTAINED BY THE PUBLIC WORKS DEPARTMENT.
ITEM #	15. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO DISTURBANCE ACTIVITY SHALL OCCUR OUTSIDE THE LIMITS INDICATED ON THE DRAWINGS.
ITEM #	16. ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) WILL BE INSPECTED DAILY, AND ANY DEFICIENCIES WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION CONTROL BMPs WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION BY THE ISSUING AUTHORITY.
ITEM #	17. SEDIMENT CONTROL MEASURES WILL BE MAINTAINED UNTIL ALL UPSTREAM DISTURBED GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/PARKING HAVE BEEN PAVED.
ITEM #	18. CONTRACTOR SHALL INSPECT AND REPAIR EROSION CONTROL MEASURES AT LEAST DAILY AND PRIOR TO EACH ANTICIPATED RAINFALL.
ITEM #	19. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT FROM SEDIMENT BARRIERS AND CHECK DAMS WHICH BECOME SILTED ABOVE ONE-HALF OF THEIR ORIGINAL HEIGHT.
ITEM #	20. ALL AREAS TO BE PAVED SHALL BE STABILIZED WITH BASE MATERIAL AS SOON AS PRACTICAL. TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION SHALL BE PROVIDED IMMEDIATELY AFTER REACHING FINAL GRADE FOR ALL AREAS NOT TO BE PAVED.
ITEM #	21. THE CONSTRUCTION ACTIVITIES AT THESE SITES WILL NOT RESULT IN FLOODING OR CHANNEL DEGRADATION DOWNSTREAM.
ITEM #	22. NO CUT OR FILL SLOPES STEEPER THAN 2:1 ARE ALLOWED. SPECIAL ATTENTION WILL BE GIVEN TO FILLS OVER 5 FEET IN HEIGHT.
ITEM #	23. ALL FILL SLOPES WILL HAVE SILT FENCES AT THE TOE OF SLOPES.
ITEM #	24. SURFACE ROUGHENING (Su): ALL CUT AND FILL SLOPES SHALL BE SURFACE ROUGHENED AND VEGETATED WITHIN (3) THREE DAYS AFTER GRADING IS COMPLETED.
ITEM #	25. AT THE END OF EACH WORK DAY, ALL SLOPES 2:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS, AND MATTING.
ITEM #	26. DOUBLE ROW TYPE C SILT FENCE REQUIRED WHEN PLACED ALONG STATE WATERS AND AT THE TOE OF SLOPES EXCEEDING 10' VERTICAL.
ITEM #	27. CHECK DAMS SHALL HAVE A MAXIMUM SPACING OF 150 FEET IN DITCH LINE.
ITEM #	28. AN UNDISTURBED VEGETATIVE BUFFER (MEETING COUNTY & STATE REGULATIONS) AND THE APPROPRIATE IMPERVIOUS SETBACK ADJACENT TO ALL STATE WATERS WILL BE PRESERVED.
ITEM #	29. SIGN EVERY LOT OR EVERY 100', WHICHEVER IS LESS, STATING: "STREAMSIDE BUFFER - DO NOT REMOVE OR ALTER EXISTING NATIVE VEGETATION."
ITEM #	30. CRITICAL AREAS: RIP RAP AND/OR STONE CHECK DAMS SHALL BE PLACED AT ALL CRITICAL EROSION AREAS INCLUDING, BUT NOT LIMITED TO, STREAM CROSSINGS.
ITEM #	31. PERMANENT VEGETATION SHALL BE PROVIDED AT THE EARLIEST SUITABLE GROWING SEASON.
ITEM #	32. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE, THE CONTRACTOR SHALL NOT DEPOSIT ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ECT. IN THE DRAINAGE COURSE OR ASSOCIATED FLOOD PLAIN.
ITEM #	33. GRADING EQUIPMENT MUST CROSS FLOWING STREAMS BY THE MEANS OF BRIDGING OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE; ALL STREAM CROSSINGS WILL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION OF THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA."
ITEM #	34. DISCHARGE OF STORM-WATER RUN-OFF FROM DISTURBED AREAS TO A STREAM SHALL BE CONTROLLED TO THE EXTENT THAT TURBIDITY OF THE STREAM DOWNSTREAM FROM THE DISCHARGE SHALL NOT EXCEED 25 NEPHELOMETRIC TURBIDITY UNITS HIGHER THAN THE TURBIDITY LEVEL OF THE RECEIVING STREAM IMMEDIATELY UPSTREAM FROM THE STORM-WATER RUN-OFF DISCHARGE AT THE TIME OF SUCH DISCHARGE.
ITEM #	35. DISPOSE OF WASTE SOILS AND CLEARED AND GRUBBED & CONSTRUCTION DEBRIS OFF-SITE AT AN APPROVED LANDFILL SECURED BY THE CONTRACTOR, AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
ITEM #	36. ALL SOLID WASTE IS TO BE HAULED OFF-SITE. STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL.
ITEM #	37. CONSTRUCTION EXIT IS PROVIDED TO MINIMIZE THE AMOUNT OF OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND DUST GENERATION. THE CONSTRUCTION ENTRANCE/EXIT ALSO ACTS AS A FUELING AREA WHICH WILL PROVIDE REMEDIATION OF PETROLEUM SPILLS AND LEAKS.
ITEM #	38. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFER AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS, EXCEPT AS PERMITTED UNDER GEN. NPDES PERMIT # GAR100002 PART IV (i), (ii), AND (iii).
ITEM #	39. UPON NOTIFICATION BY THE PRIMARY PERMITTEE (CONTRACTOR), THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN SHALL INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN SEVEN (7) DAYS AFTER INSTALLATION.
ITEM #	40. ANY AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
ITEM #	41. THESE PLANS HAVE BEEN PREPARED TO MEET THE REQUIREMENTS UNDER THE STATE OF GEORGIA, DEPT. OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION DIVISION (EPD), GENERAL PERMIT NO. GAR 100001 FOR AUTHORIZATION TO DISCHARGE UNDER THE NPDES, STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR THIS PROJECT
ITEM #	42. RETAINING WALLS OVER 4' IN HEIGHT AND PART OF INITIAL INFRASTRUCTURE WILL BE REQUIRED TO BE INSPECTED BY DESIGN PROFESSIONAL OR REPRESENTATIVE AND AN INSPECTION REPORT WILL BE REQUIRED AT TIME OF C.O.
ITEM #	43. SEE DETAIL PAGES FOR CHART WITH SYMBOLS, DETAILS, AND DESCRIPTIONS OF FULL EROSION CONTROL MEASURES.
ITEM #	44. GPS LOCATION OF CONSTRUCTION EXIT: 33.485761 N 84.579683 W
ITEM #	45. CONTRACTOR IS TO ENSURE SITE WILL HAVE THE APPROPRIATE STAGING & ACCESS REQUIREMENTS FOR CONSTRUCTION EQUIPMENT.

SOIL CLEANUP AND CONTROL PRACTICES	
1.	LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
2.	MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MAPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
3.	SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
4.	ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
5.	FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
6.	FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
7.	FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACT, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
8.	FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACT, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.
9.	THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.
10.	SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE
11.	SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY REGARDLESS OF THE SIZE.
12.	THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
13.	THE CONTRACTOR'S SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSON WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THIS INDIVIDUAL WILL BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE (OR DESIGNATED ONSITE JOB LOCATION).

PRODUCT SPECIFIC PRACTICES	
ITEM #	1. PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.
ITEM #	2. PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
ITEM #	3. CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE.
ITEM #	4. FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.
ITEM #	5. BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF USING PROPER WASTE DISPOSAL PROCEDURES.

CONCRETE TRUCKS	
ITEM #	1. CONCRETE TRUCK DRUMS WILL NOT BE WASHED OUT ONSITE.
ITEM #	2. SURPLUS CONCRETE WILL NOT BE DISCARDED ONSITE.
ITEM #	3. CONCRETE TRUCK SHOOTS AND TOOLS WILL BE WASHED OUT INTO THE WORKING TRENCH PRIOR TO BACKFILL.
ITEM #	4. NO WATER FROM WASHING OFF TOOLS OR SHOOTS WILL LEAVE THE SITE OR DRAIN ONTO UNDISTURBED AREAS.

SANITARY WASTE	
ITEM #	1. A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN 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.
ITEM #	2. 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 WASTE FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE.

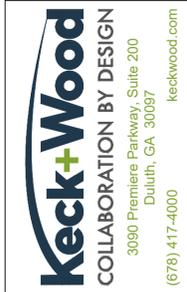
INSPECTIONS	
ITEM #	PRIMARY PERMITTEE RESPONSIBILITIES. THE DESIGN PROFESSIONAL WHO PREPARED THIS ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROLS.
ITEM #	1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
ITEM #	2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
ITEM #	3. CERTIFIED PERSONNEL (PROVIDED BY PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
ITEM #	4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).
ITEM #	5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.
ITEM #	6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATIVE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

SAMPLING REQUIREMENTS	
ITEM #	THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.
ITEM #	A. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:
ITEM #	1. A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORM WATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS FOR EACH REPRESENTATIVE STORMWATER OUTFALL. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORM WATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;
ITEM #	2. A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;
ITEM #	3. WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND
ITEM #	4. ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIME LINE FOR SUBMITTAL.



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NO.	DATE	REVISION

HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING
Tyrone, Georgia
E&SC NOTES

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE	
Project Manager:	JENNI OLIVO, PE
Drawn By:	Checked By: BAF KP
Date:	06/19/2024
Scale:	As Shown

Project No.:	230378
Drawing No.:	EC-0.1

JENNI R. OLIVO, P.E. - LEVEL II CERTIFICATION #000020711

SAMPLING REQUIREMENTS

B. SAMPLE TYPE: ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

1. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
2. SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
3. LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.
4. MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.
5. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

C. SAMPLING POINTS

1. FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR ALL OUTFALLS INTO SUCH STREAMS AND OTHER WATER BODIES, OR A COMBINATION THEREOF. HOWEVER, PROVIDED FOR IN AND IN ACCORDANCE WITH PART IV.D.6.C(2) OF THIS PERMIT, PRIMARY PERMITTEES ON AN INFRASTRUCTURE CONSTRUCTION PROJECT MAY SAMPLE THE REPRESENTATIVE PERENNIAL AND INTERMITTENT STREAMS, OTHER WATER BODIES OR OUTFALLS, OR A COMBINATION THEREOF. SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

- A. THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.
- B. DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.
- C. IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S)
- D. CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.
- E. THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
- F. THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.
- G. PERMITTEES DO NOT HAVE TO SAMPLE SHEETFLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREA NOT COVERED BY PERMANENT STRUCTURES, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION). FOR INFRASTRUCTURE CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURE OR SILVICULTURAL PURPOSES, FINAL STABILIZATION MAY BE ACCOMPLISHED BY STABILIZING THE DISTURBED LAND FOR ITS AGRICULTURAL OR SILVICULTURAL USE.
- H. ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.D.3. OR III.D.4., WHICHEVER IS APPLICABLE.

2. FOR INFRASTRUCTURE CONSTRUCTION PROJECTS, THE PERMITTEE IS NOT REQUIRED TO SAMPLE A PERENNIAL OR INTERMITTENT STREAM OR OTHER WATER BODIES (OR THE ASSOCIATED OUTFALL, IF APPLICABLE) IF THE DESIGN PROFESSIONAL PREPARING THE PLAN CERTIFIES THAT AN INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED RECEIVING WATER TO BE SAMPLED WILL BE REPRESENTATIVE OF THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATER. A WRITTEN JUSTIFICATION AND DETAILED ANALYSIS SHALL BE PREPARED BY THE DESIGN PROFESSIONAL JUSTIFYING SUCH PROPOSED SAMPLING. A SUMMARY CHART OF THE JUSTIFICATION AND ANALYSIS FOR THE REPRESENTATIVE SAMPLING MUST BE INCLUDED ON THE PLAN. THE JUSTIFICATION AND ANALYSIS SHALL INCLUDE THE LOCATION AND DESCRIPTION OF THE SPECIFIED SAMPLED AND UN-SAMPLED RECEIVING WATER AND SHALL CONTAIN A DETAILED COMPARISON AND DISCUSSION OF EACH SUCH RECEIVING WATER IN THE FOLLOWING AREAS:

- A. SITE LAND DISTURBANCES AND CHARACTERISTICS;
- B. RECEIVING WATER WATERSHED SIZES AND CHARACTERISTICS; AND
- C. SITE AND WATERSHED CHARACTERISTICS UTILIZING THE METHODS IN APPENDIX A-1 (UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE'S TR-55, URBAN HYDROLOGY FOR SMALL WATERSHEDS) OF THE MOST RECENT VERSION OF THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA" FOR THE VARIOUS PRECIPITATION EVENTS AND ANY OTHER SUCH CONSIDERATIONS NECESSARY TO SHOW THAT THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED SAMPLED RECEIVING WATER WILL BE REPRESENTATIVE OF THE INCREASES IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATERS.

3. FOR INFRASTRUCTURE CONSTRUCTION PROJECTS, WHEN THE PERMITTEE DETERMINES THAT SOME RECEIVING WATER(S) WILL NOT BE SAMPLED DUE TO REPRESENTATIVE SAMPLING, THE DESIGN PROFESSIONAL MAKING THIS DETERMINATION AND PREPARING THE PLAN MUST INCLUDE AND SIGN THE FOLLOWING CERTIFICATION IN THE PLAN:

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR THE MONITORING OF: (A) ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR (B) WHERE ANY SUCH SPECIFIC IDENTIFIED PERENNIAL OR INTERMITTENT STREAM AND OTHER WATER BODY IS NOT PROPOSED TO BE SAMPLED, I HAVE DETERMINED IN MY PROFESSIONAL JUDGEMENT, UTILIZING THE FACTORS REQUIRED IN THE GENERAL NPDES PERMIT NO. GAR 1000002, THAT THE INCREASE IN THE TURBIDITY OF EACH SPECIFIC IDENTIFIED SAMPLED RECEIVING WATER WILL BE REPRESENTATIVE OF THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATER."

4. FOR INFRASTRUCTURE CONSTRUCTION PROJECTS, IF AT ANY TIME DURING THE LIFE OF THE PROJECT A SELECTED RECEIVING WATER NO LONGER REPRESENTS ANOTHER RECEIVING WATER, THEN THE PERMITTEE SHALL SAMPLE THE LATTER RECEIVING WATER UNTIL SELECTION OF AN ALTERNATIVE REPRESENTATIVE RECEIVING WATER.
5. FOR INFRASTRUCTURE CONSTRUCTION PROJECTS, IF AT ANY TIME DURING THE LIFE OF THE PROJECT A RECEIVING WATER IS DETERMINED NOT TO BE REPRESENTED AS CERTIFIED IN THE PLAN, THE PERMITTEE SHALL SAMPLE THAT RECEIVING WATER UNTIL A NOTICE OF TERMINATION IS SUBMITTED OR UNTIL THE APPLICABLE PHASE IS STABILIZED IN ACCORDANCE WITH THIS PERMIT.
6. FOR INFRASTRUCTURE CONSTRUCTION PROJECTS, MONITORING OBLIGATIONS SHALL CEASE FOR ANY PHASE OF THE PROJECT THAT HAS BEEN STABILIZED IN ACCORDANCE WITH PART IV.D.6.C.(1),(G)

D. SAMPLING FREQUENCY

1. THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
2. HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
3. SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
 - A. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT, AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION;

ITEM # **33**

SAMPLING REQUIREMENTS (CONT.)

B. IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES FIRST.

- C. AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPs IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS" UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPs ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED.
- D. WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND
- E. EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCHES AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

NON-STORMWATER DISCHARGES - EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER LISTED IN PART III.A.2. OF THIS PERMIT THAT ARE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

REPORTING

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.
2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
 - A. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
 - B. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
 - C. THE DATE(S) ANALYSES WERE PERFORMED;
 - D. THE TIME(S) ANALYSES WERE INITIATED;
 - E. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
 - F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
 - G. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
 - H. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND
 - I. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.
3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

RETENTION OF RECORDS

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:
 - A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
 - B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
 - C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT.
 - D. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
 - E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
 - F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND
 - G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A. (2) OF THIS PERMIT.
2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION), OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

APPENDIX B - NTU VALUE

1. THE SURFACE WATER DRAINAGE AREA IS LESS THAN 5 MILES FOR THE SITE AND THE SITE SIZE IS UNDER 10 ACRES. THIS SITE DRAINS TO WARM WATERS. THEREFORE, THE NTU VALUE FOR THE SITE IS 75.

APPENDIX B: NEPHELOMETRIC TURBIDITY UNITS (NTU) TABLE		WARM WATER (SUPPORTING WARM WATER FISHERIES)						
ITEM #	SURFACE WATER DRAINAGE AREA, SQUARE MILES	SURFACE WATER DRAINAGE AREA, SQUARE MILES						
		0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99
1.00-10	75	150	200	400	750	750	750	750
10.01-25	50	100	100	200	300	500	750	750
25.01-50	50	50	100	100	200	300	750	750
50.01-100	50	50	150	100	100	150	300	600
100.01+	50	50	50	50	50	100	200	100

D _{s1}	RATES PER 1,000 SQUARE FEET							D _{s2}	TEMPORARY	D _{s3}	PERMANENT				
	AREA	SOWING SEASON	SPECIES	SEED	FERTILIZER	LIMESTONE	MAINTENANCE					MULCH			
FLAT TO ROLLING TERRAIN WITH SLOPES LESS THAN 3:1	8/1 - 4/1 4/1 - 9/1	RYEGRASS SUNDANGRASS	4.0 LBS. 1.4 LBS.	12 LBS. (10-10-10) 12 LBS. (10-10-10)	92 LBS. 92 LBS.	7 LBS. (10-10-10) 7 LBS. (10-10-10)	115 LBS. 115 LBS.	EMBANKMENTS WITH SLOPES GREATER THAN 3:1	3/15 - 6/15	WEeping LOVEGRASS	0.1 LB.	12 LBS. (10-10-10)	92 LBS.	7 LBS. (10-10-10)	115 LBS.
	FLAT TO ROLLING TERRAIN WITH SLOPES LESS THAN 3:1	3/1 - 6/15	COMMON BERMUDA (HULLED SEED) FESCUE, TALL	1.4 LBS. 0.05 LBS. 1.1 LBS.	35 LBS. (6-12-12) 35 LBS. (6-12-12)	92 LBS. 92 LBS.	10 LBS. (10-10-10) 10 LBS. (10-10-10)								
EMBANKMENTS WITH SLOPES GREATER THAN 3:1	3/1 - 6/30 9/1 - 3/30	COMMON BERMUDA (HULLED SEED) *LESPEDEZA SERICEA	0.2 LB. 1.7 LBS.	35 LBS. (6-12-12) 35 LBS. (6-12-12)	92 LBS. 92 LBS.	10 LBS. (10-10-10) 10 LBS. (10-10-10)	115 LBS. 115 LBS.	EMBANKMENTS WITH SLOPES GREATER THAN 3:1	3/1 - 6/30 9/1 - 3/30	COMMON BERMUDA (HULLED SEED) *LESPEDEZA SERICEA	0.2 LB. 1.7 LBS.	35 LBS. (6-12-12) 35 LBS. (6-12-12)	92 LBS. 92 LBS.	10 LBS. (10-10-10) 10 LBS. (10-10-10)	115 LBS. 115 LBS.
	FLAT TO ROLLING TERRAIN WITH SLOPES LESS THAN 3:1	8/15 - 10/30	COMMON BERMUDA (HULLED SEED) FESCUE, TALL	1.4 LBS. 0.05 LBS. 1.1 LBS.	35 LBS. (6-12-12) 35 LBS. (6-12-12)	92 LBS. 92 LBS.	10 LBS. (10-10-10) 10 LBS. (10-10-10)								

THE PROJECT SITE IS LOCATED IN THE PIEDMONT REGION.

SEEDING REQUIREMENTS

EROSION CONTROL CERTIFICATION:

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR THE MONITORING OF: (A) ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR (B) WHERE ANY SUCH SPECIFIC IDENTIFIED PERENNIAL OR INTERMITTENT STREAM AND OTHER WATER BODY IS NOT PROPOSED TO BE SAMPLED, I HAVE DETERMINED IN MY PROFESSIONAL JUDGEMENT, UTILIZING THE FACTORS REQUIRED IN THE GENERAL NPDES PERMIT NO. GAR100001, THAT THE INCREASE IN THE TURBIDITY OF EACH SPECIFIC IDENTIFIED SAMPLED RECEIVING WATER WILL BE REPRESENTATIVE OF THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATER."

Jenni R. Olivo
DESIGN PROFESSIONAL

ITEM # **12**

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION

DATE OF INSPECTION: _____

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF INSPECTION

GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION # _____

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DEFICIENCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED

ITEM # **2**

EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN CERTIFICATION:

THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS FOR THE TOWN OF TYRONE, GA HANDLEY PARK PUBLIC WORKS BUILDING WERE DEVELOPED UNDER THE DIRECT SUPERVISION OF JENNI R. OLIVO, GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL. CERTIFICATION NO. 0000020711.

SYMBOL	ITEM #	SOIL TYPE	SLOPE %
AmB	47	APPLING SANDY LOAM	2 TO 6
AmC		APPLING SANY LOAM	6 TO 10
CA		CARTECAY LOAM	0 TO 2
CeB		CECIL SANDY LOAM	2 TO 6
CeC		CECIL SANDY LOAM	6 TO 10
To		TOCCOA SANDY LOAM	0 TO 2

ITEM # **36**

DESCRIPTION OF APPROPRIATE CONTROL AND MEASURES FOR EACH PHASE

- PHASE 1 CONSISTS OF INSTALLING SILT FENCE, TEMPORARY SEDIMENT TRAPS, DIVERSION CHANNELS, AND A CONSTRUCTION EXIT.
- PHASE 2 CONSISTS OF INSTALLING INLET SEDIMENT TRAPS, MULCHING, AND TEMPORARY SEEDING.
- PHASE 3 CONSISTS OF INSTALLING PERMANENT GRASSING AND SOD.

EROSION CONTROL SITE VISIT CERTIFICATION:

"I HEREBY CERTIFY UNDER PENALTY OF THE LAW THAT THE EROSION AND SEDIMENTATION CONTROL PLANS FOR THIS PROJECT WERE PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION."

Jenni R. Olivo
DESIGN PROFESSIONAL

ITEM # **12**

EROSION CONTROL CERTIFICATION:

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."

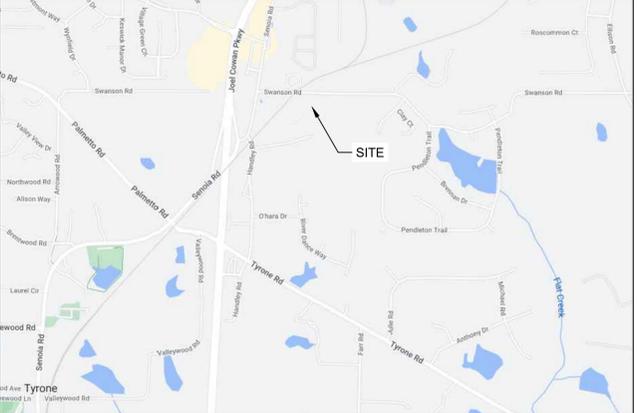
Jenni R. Olivo
DESIGN PROFESSIONAL

ITEM # **13**

EROSION CONTROL CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

Jenni R. Olivo
DESIGN PROFESSIONAL



LOCATION MAP
SCALE: NTS



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NO.	DATE	REVISION

HANDLEY PARK PUBLIC WORKS STORAGE BUILDING
Tyrone, Georgia

E&SC NOTES

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE

Drawn By: BAF Checked By: KP

Date: 06/19/2024

Scale: As Shown

Project No.: 230378

Drawing No.: EC-0.2

ITEM #

50

GEORGIA UNIFORM CODING SYSTEM

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES
STATE SOIL AND WATER CONSERVATION COMMISSION OF GEORGIA
STRUCTURAL PRACTICES

Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out. The basin is usually temporary but may be designed as a permanent pond or stormwater retention device.
Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORM DRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Su	SURFACE ROUGHENING			A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tp	TOPSOILING			The practice of stripping off the more fertile top soil during it then spreading it over the disturbed area after the completion of construction activities.
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.

VEGETATIVE MEASURES

Bf	BUFFER ZONE			An undisturbed natural "green belt" separating the land-disturbed site from surrounding property and bordering streams. It serves to reduce water velocity and remove some sediment. It is also at times a noise or vision pollution barrier.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)			Planting vegetation on dunes that are eroded, artificially constructed, or nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seeding may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)			Establishing temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)			Establishing permanent vegetative cover such as trees, shrubs, vines, grasses, sods or legumes on disturbed areas.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction sites, roadways and similar sites.

STRUCTURAL PRACTICES

Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Di	DIVERSION			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE			A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE			A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
Ga	GABION			Rock filled baskets which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE			Permanent structures installed to protect natural or artificial channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETAINING WALL			A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETROFITTING			A device or structure placed in front of a permanent stormwater detention point outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales or straw or hay, brush, logs and poles, gravel or a sediment fence. The barriers are usually temporary and inexpensive.
Rp	Rip Rap			Improving, lining or stabilizing an open channel or ditch with a layer of Rip Rap to mitigate soil erosion.

ITEM #

29

ACTIVITIES SCHEDULE

ACTIVITY	MONTH NO.							
	1	2	3	4	5	6	7	8
- LOCATE EXISTING UTILITIES								
- INSTALL EROSION CTRL. MEASURES								
- SITE CLEARING & GRUBBING								
- SITE GRADING & DEMOLITION								
- CONSTRUCTION OF SITE PIPING AND STRUCTURES INSTALLATION								
- SURFACE RESTORATION								
- MAINTAIN EROSION CTRL. MEASURES								
- INSTALL PERMANENT GRASSING								
- REMOVE EROSION CTRL. MEASURES								

NOTE:
THE ABOVE SCHEDULES INDICATE ESTIMATED SEQUENCE AND DURATION OF EVENTS IN CONSTRUCTION ACTIVITIES. IT HAS BEEN PREPARED WITHOUT THE ASSISTANCE OF THE CONTRACTOR. AFTER SELECTION OF THE CONTRACTOR BY THE OWNER, THE CONTRACTOR MAY PROPOSE ADJUSTMENT TO THIS SCHEDULE AS CONSIDERED NECESSARY TO SCHEDULE THE PROJECT.

Keck+Wood
COLLABORATION BY DESIGN
3090 Premiere Parkway, Suite 200
Duluth, GA 30097
(678) 417-4000
keckwood.com

REGISTERED PROFESSIONAL ENGINEER
JENNI R. OLIVO
11/6/2024

NO.	DATE	REVISION

HANDLEY PARK PUBLIC WORKS STORAGE BUILDING
Tyronc, Georgia
E&SC NOTES

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager: JENNI OLIVO, PE
Drawn By: BAF Checked By: KP
Date: 06/19/2024
Scale: As Shown

Project No.: 230378
Drawing No.: EC-0.3

JENNI R. OLIVO, P.E. - LEVEL II CERTIFICATION #0000020711



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NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia

EROSION CONTROL PLAN - PH. 1

THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE

Drawn By: BAF Checked By: KP

Date: 06/19/2024

Scale: As Shown

Project No.:
230378

Drawing No.:
EC-1.0

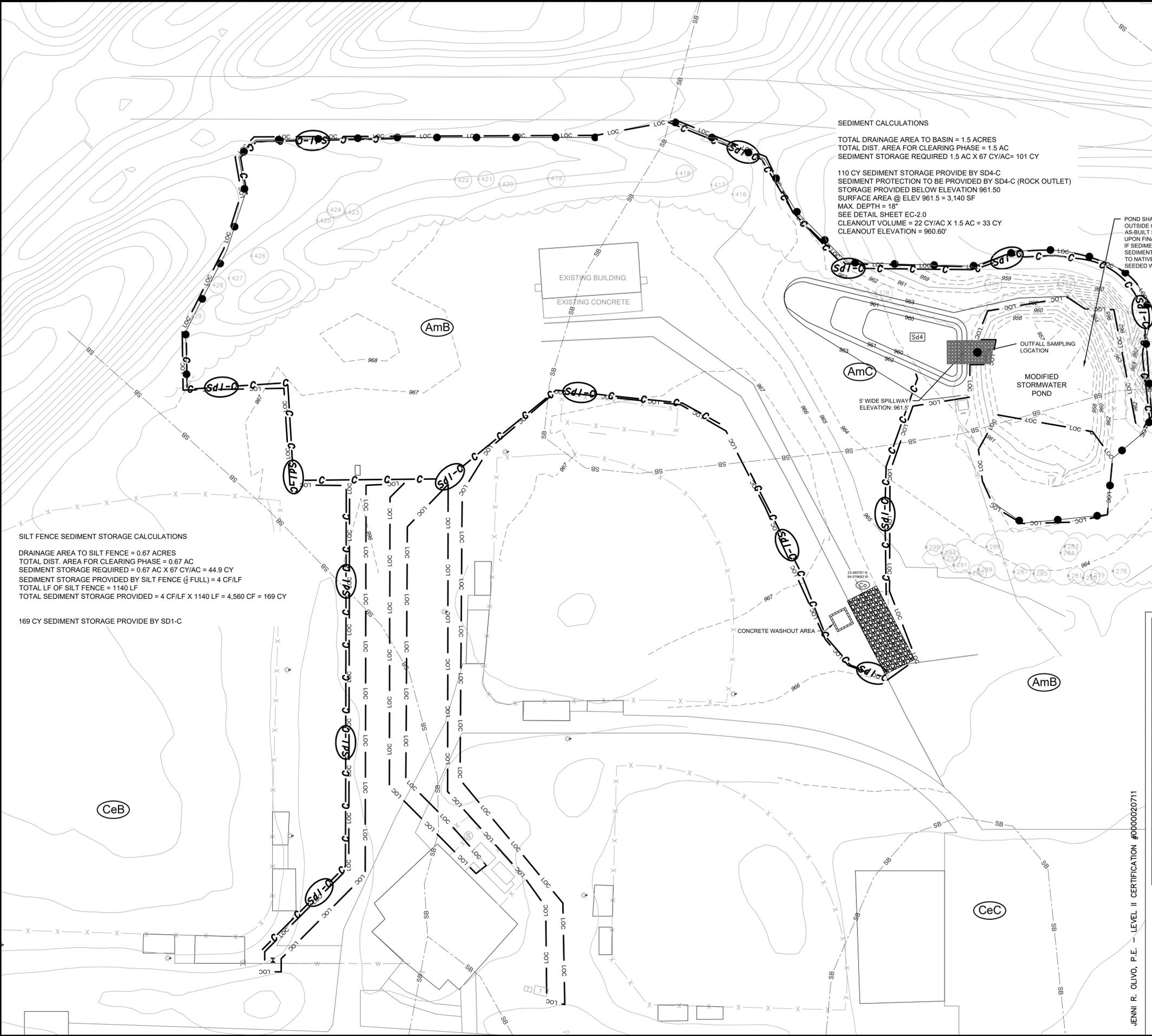
- EROSION CONTROL GENERAL NOTES:**
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES. EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
 - REMOVE ALL DEBRIS FROM THE PROJECT SITE AND DISPOSE OF IT IN A LEGAL MANNER.
 - THIS DRAWING IS FOR EROSION CONTROL PURPOSES ONLY. PROVISIONS TO PREVENT EROSION OF THE SOIL OF THE SITE SHALL CONFORM TO THE REQUIREMENTS OF THE EROSION AND SEDIMENTATION ACT OF 1975 AS SHOWN HEREON AND STIPULATED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" BY STATE SOIL AND WATER CONSERVATION COMMISSION. THE PROVISIONS IN THE MANUAL SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE EROSION OF THE DISTURBED AREAS AND PREVENT SEDIMENT FROM LEAVING THE SITE.
 - THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES TAKE PLACE AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.
 - THE EROSION CONTROL MEASURES DETAILED HERE ON SHALL BE CONTINUED UNTIL THE PERMANENT VEGETATION ON PLANTED GRADES AND SLOPES IS SUFFICIENTLY ESTABLISHED TO BE AN EFFECTIVE EROSION CONTROL DETERRENT. THE SEDIMENT REMOVED FROM THE CONTROL STRUCTURES SHALL BE EVENLY DISTURBED UPSTREAM OF EROSION CONTROL MEASURES. DISPOSED SEDIMENT SHALL BE PERMANENTLY GRASSED.
 - SILT FENCE SHALL BE PLACED DOWN GRADIENT OF ALL STOCKPILED SOIL OR BORROW AREAS AND ON ALL SLOPES THAT EXCEED 1.5:1.
 - ALL VEGETATIVE STABILIZATION SHALL BE ACCOMPLISHED AS SOON AS CONSTRUCTION PERMITS. IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 DAYS, CONTRACTOR IS RESPONSIBLE FOR STABILIZING DISTURBED AREAS WITH TEMPORARY VEGETATION OR MULCH.
 - CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

SEDIMENT CALCULATIONS

TOTAL DRAINAGE AREA TO BASIN = 1.5 ACRES
TOTAL DIST. AREA FOR CLEARING PHASE = 1.5 AC
SEDIMENT STORAGE REQUIRED 1.5 AC X 67 CY/AC = 101 CY

110 CY SEDIMENT STORAGE PROVIDED BY SD4-C
SEDIMENT PROTECTION TO BE PROVIDED BY SD4-C (ROCK OUTLET)
STORAGE PROVIDED BELOW ELEVATION 961.50
SURFACE AREA @ ELEV 961.5 = 3,140 SF
MAX. DEPTH = 18"
SEE DETAIL SHEET EC-2.0
CLEANOUT VOLUME = 22 CY/AC X 1.5 AC = 33 CY
CLEANOUT ELEVATION = 960.60'

POND SHALL NOT BE DISTURBED OUTSIDE OF LIMITS OF CONSTRUCTION AS-BUILT SURVEY SHALL BE COMPLETED UPON FINAL STABILIZATION. IF SEDIMENT HAS BUILT UP IN POND, SEDIMENT SHALL BE REMOVED DOWN TO NATIVE SOILS, AND POND SHALL BE SEEDED WITH PERMANENT SEED (D&S)

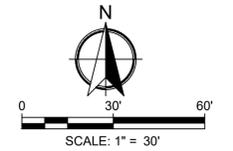


SILT FENCE SEDIMENT STORAGE CALCULATIONS

DRAINAGE AREA TO SILT FENCE = 0.67 ACRES
TOTAL DIST. AREA FOR CLEARING PHASE = 0.67 AC
SEDIMENT STORAGE REQUIRED = 0.67 AC X 67 CY/AC = 44.9 CY
SEDIMENT STORAGE PROVIDED BY SILT FENCE (1/2 FULL) = 4 CF/LF
TOTAL LF OF SILT FENCE = 1140 LF
TOTAL SEDIMENT STORAGE PROVIDED = 4 CF/LF X 1140 LF = 4,560 CF = 169 CY

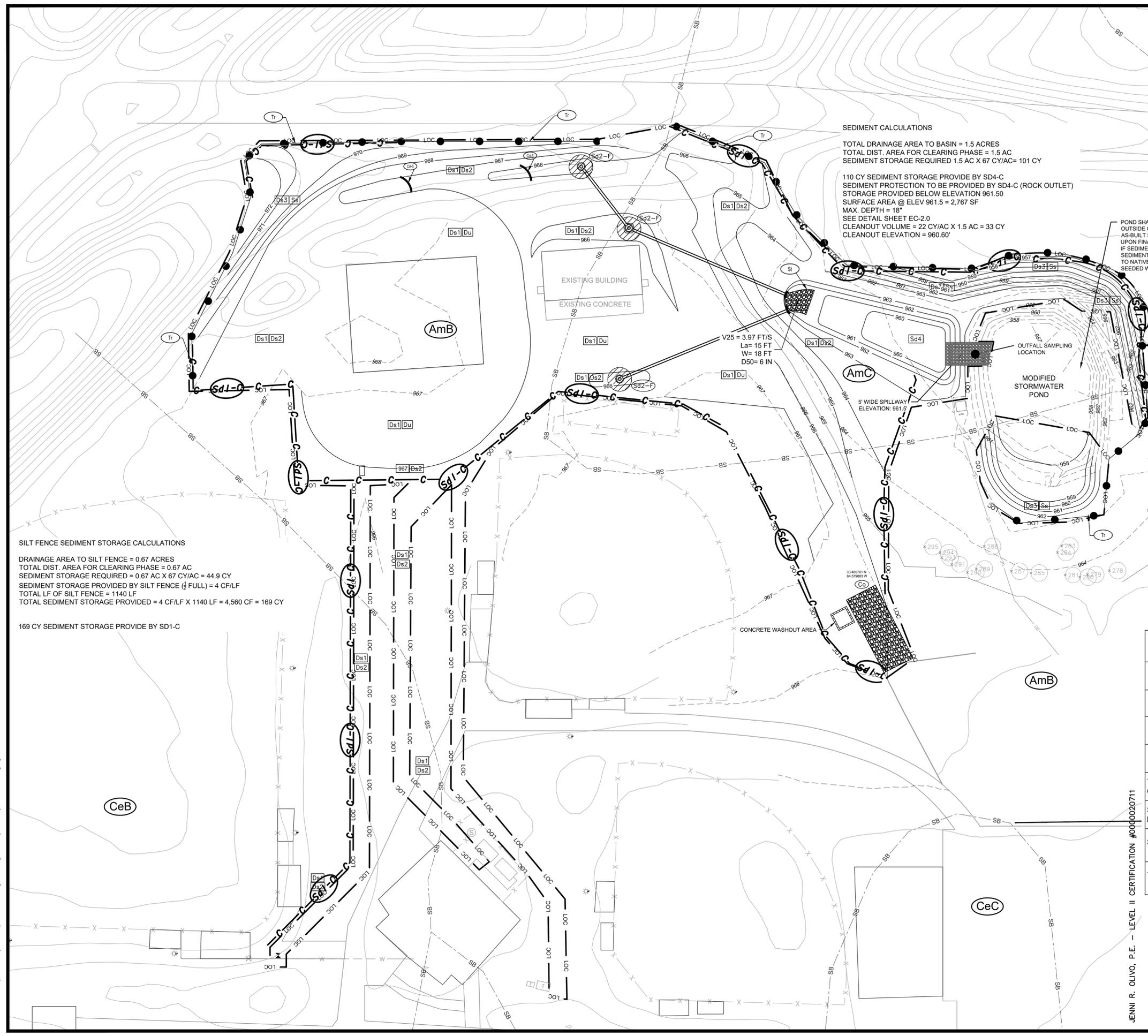
169 CY SEDIMENT STORAGE PROVIDED BY SD1-C

EROSION CONTROL		
SILT FENCE	Sd1-C	
INLET SEDIMENT TRAP	Sd2-F	
LIMITS OF CONSTRUCTION	LOC	
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	Co	
STORM DRAIN OUTLET PROTECTION	St	
STONE CHECK DAM	Cd-S	
TREE PROTECTION FENCE	Tr	



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JENNI R. OLIVO, P.E. - LEVEL II CERTIFICATION #0000020711



SEDIMENT CALCULATIONS
 TOTAL DRAINAGE AREA TO BASIN = 1.5 ACRES
 TOTAL DIST. AREA FOR CLEARING PHASE = 1.5 AC
 SEDIMENT STORAGE REQUIRED 1.5 AC X 67 CY/AC = 101 CY
 110 CY SEDIMENT STORAGE PROVIDED BY SD4-C
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 STORAGE PROVIDED BELOW ELEVATION 961.50
 SURFACE AREA @ ELEV 961.50 = 2,767 SF
 MAX. DEPTH = 18"
 SEE DETAIL SHEET EC-2.0
 CLEANOUT VOLUME = 22 CY/AC X 1.5 AC = 33 CY
 CLEANOUT ELEVATION = 960.60'

SILT FENCE SEDIMENT STORAGE CALCULATIONS
 DRAINAGE AREA TO SILT FENCE = 0.67 ACRES
 TOTAL DIST. AREA FOR CLEARING PHASE = 0.67 AC
 SEDIMENT STORAGE REQUIRED = 0.67 AC X 67 CY/AC = 44.9 CY
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 TOTAL LF OF SILT FENCE = 1140 LF
 TOTAL SEDIMENT STORAGE PROVIDED = 4 CF/LF X 1140 LF = 4,560 CF = 169 CY

169 CY SEDIMENT STORAGE PROVIDED BY SD1-C

POND SHALL NOT BE DISTURBED OUTSIDE OF LIMITS OF CONSTRUCTION. AS-BUILT SURVEY SHALL BE COMPLETED UPON FINAL STABILIZATION. IF SEDIMENT HAS BUILT UP IN POND, SEDIMENT SHALL BE REMOVED DOWN TO NATIVE SOILS, AND POND SHALL BE SEEDED WITH PERMANENT SEED (D#3)

V25 = 3.97 FT/S
 La = 15 FT
 W = 18 FT
 D50 = 6 IN

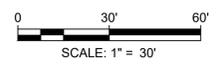
- EROSION CONTROL GENERAL NOTES:**
1. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES. EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 2. EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
 4. REMOVE ALL DEBRIS FROM THE PROJECT SITE AND DISPOSE OF IT IN A LEGAL MANNER.
 5. THIS DRAWING IS FOR EROSION CONTROL PURPOSES ONLY. PROVISIONS TO PREVENT EROSION OF THE SOIL OF THE SITE SHALL CONFORM TO THE REQUIREMENTS OF THE EROSION AND SEDIMENTATION ACT OF 1975 AS SHOWN HEREON AND STIPULATED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" BY STATE SOIL AND WATER CONSERVATION COMMISSION. THE PROVISIONS IN THE MANUAL SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE EROSION OF THE DISTURBED AREAS AND PREVENT SEDIMENT FROM LEAVING THE SITE.
 6. THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES TAKE PLACE AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.
 7. THE EROSION CONTROL MEASURES DETAILED HERE ON SHALL BE CONTINUED UNTIL THE PERMANENT VEGETATION ON PLANTED GRADES AND SLOPES IS SUFFICIENTLY ESTABLISHED TO BE AN EFFECTIVE EROSION CONTROL DETERRENT. THE SEDIMENT REMOVED FROM THE CONTROL STRUCTURES SHALL BE EVENLY DISTURBED UPSTREAM OF EROSION CONTROL MEASURES. DISPOSED SEDIMENT SHALL BE PERMANENTLY GRASSSED.
 8. SILT FENCE SHALL BE PLACED DOWN GRADIENT OF ALL STOCKPILED SOIL OR BORROW AREAS AND ON ALL SLOPES THAT EXCEED 1.5:1.
 9. ALL VEGETATIVE STABILIZATION SHALL BE ACCOMPLISHED AS SOON AS CONSTRUCTION PERMITS. IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 DAYS, CONTRACTOR IS RESPONSIBLE FOR STABILIZING DISTURBED AREAS WITH TEMPORARY VEGETATION OR MULCH.
 10. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.



NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
 STORAGE BUILDING**
 Tyrone, Georgia
EROSION CONTROL PLAN - PH. 2

EROSION CONTROL		
SILT FENCE	Sd1-C	
INLET SEDIMENT TRAP	Sd2-F	
LIMITS OF CONSTRUCTION	LOC	
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	Co	
STORM DRAIN OUTLET PROTECTION	St	
STONE CHECK DAM	Cd-S	
TREE PROTECTION FENCE	Tr	



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THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE

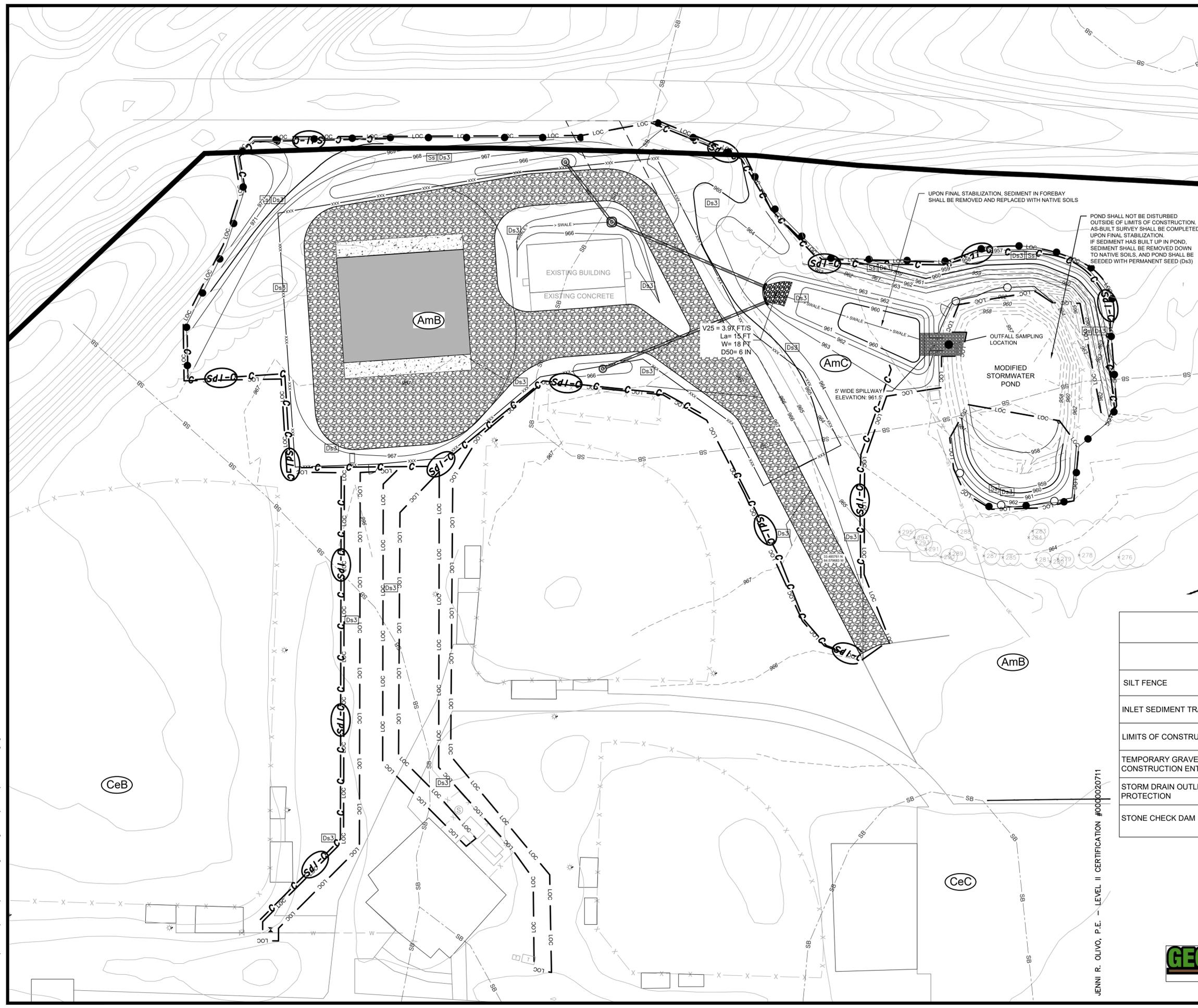
Drawn By: BAF Checked By: KP

Date: 06/19/2024

Scale: As Shown

Project No.: 230378

Drawing No.: EC-1.1



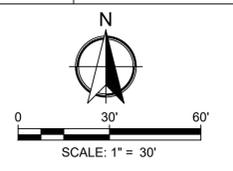
- EROSION CONTROL GENERAL NOTES:**
1. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES. EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 2. EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
 4. REMOVE ALL DEBRIS FROM THE PROJECT SITE AND DISPOSE OF IT IN A LEGAL MANNER.
 5. THIS DRAWING IS FOR EROSION CONTROL PURPOSES ONLY. PROVISIONS TO PREVENT EROSION OF THE SOIL OF THE SITE SHALL CONFORM TO THE REQUIREMENTS OF THE EROSION AND SEDIMENTATION ACT OF 1975 AS SHOWN HEREON AND STIPULATED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" BY STATE SOIL AND WATER CONSERVATION COMMISSION. THE PROVISIONS IN THE MANUAL SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE EROSION OF THE DISTURBED AREAS AND PREVENT SEDIMENT FROM LEAVING THE SITE.
 6. THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES TAKE PLACE AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.
 7. THE EROSION CONTROL MEASURES DETAILED HERE ON SHALL BE CONTINUED UNTIL THE PERMANENT VEGETATION ON PLANTED GRADES AND SLOPES IS SUFFICIENTLY ESTABLISHED TO BE AN EFFECTIVE EROSION CONTROL DETERRENT. THE SEDIMENT REMOVED FROM THE CONTROL STRUCTURES SHALL BE EVENLY DISTURBED UPSTREAM OF EROSION CONTROL MEASURES. DISPOSED SEDIMENT SHALL BE PERMANENTLY GRASSED.
 8. SILT FENCE SHALL BE PLACED DOWN GRADIENT OF ALL STOCKPILED SOIL OR BORROW AREAS AND ON ALL SLOPES THAT EXCEED 1.5:1.
 9. ALL VEGETATIVE STABILIZATION SHALL BE ACCOMPLISHED AS SOON AS CONSTRUCTION PERMITS. IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 DAYS, CONTRACTOR IS RESPONSIBLE FOR STABILIZING DISTURBED AREAS WITH TEMPORARY VEGETATION OR MULCH.
 10. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.



NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia
EROSION CONTROL PLAN - PH. 3

EROSION CONTROL		
SILT FENCE	Sd1-C	
INLET SEDIMENT TRAP	Sd2-F	
LIMITS OF CONSTRUCTION	LOC	
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	Co	
STORM DRAIN OUTLET PROTECTION	St	
STONE CHECK DAM	Cd-S	

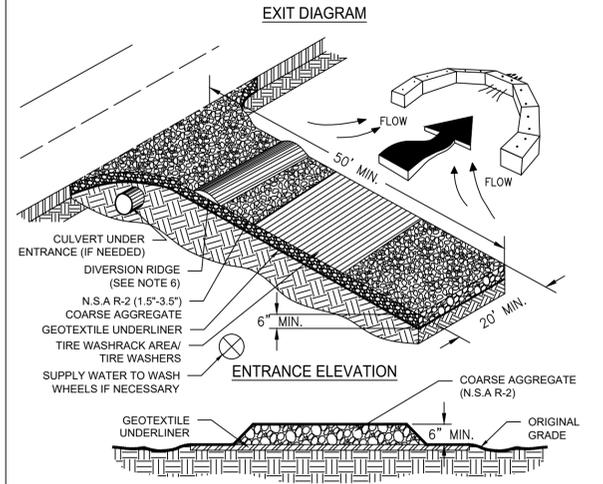


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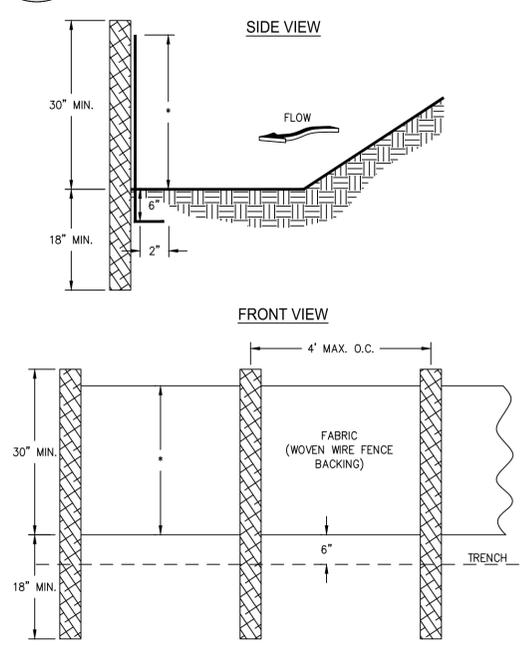
THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE	
Project Manager: JENNI OLIVO, PE	Checked By: KP
Drawn By: BAF	Scale: As Shown
Date: 06/19/2024	Project No.: 230378
Scale: As Shown	Drawing No.: EC-1.2

CRUSHED STONE CONSTRUCTION EXIT



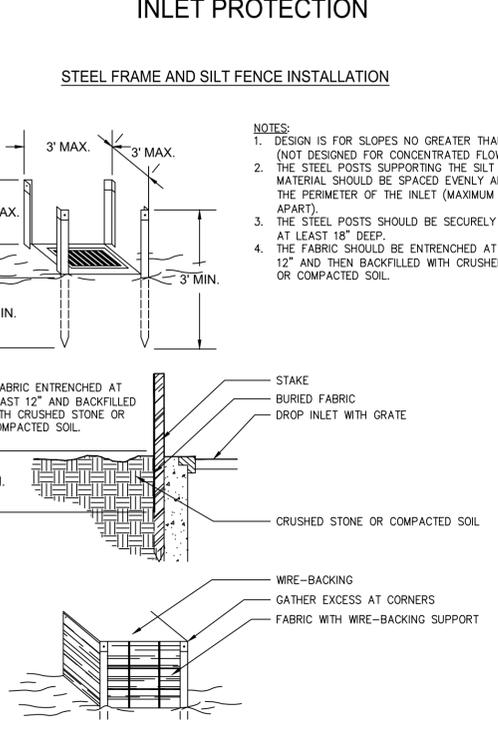
- NOTES:**
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
 6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
 10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Sd1-C SILT FENCE - TYPE SENSITIVE



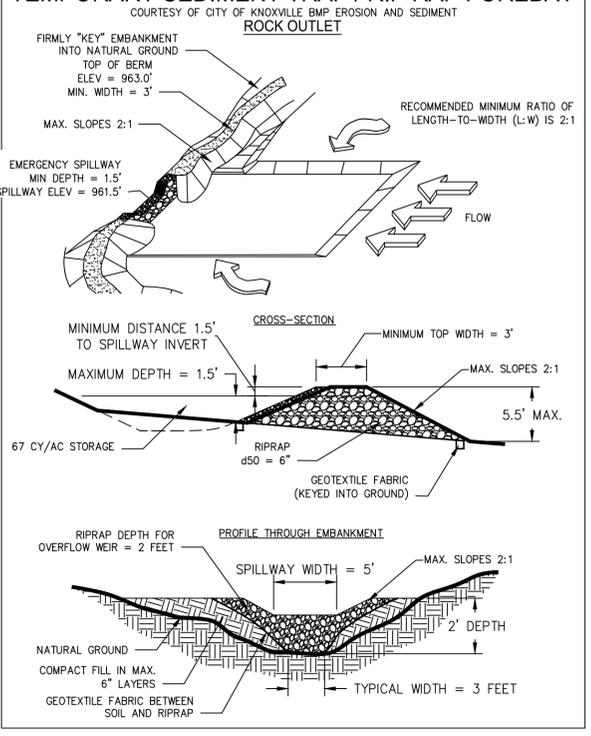
- NOTES:**
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (H) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION



- NOTES:**
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
 2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
 3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
 4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

TEMPORARY SEDIMENT TRAP / RIP RAP FOREBAY



- NOTES:**
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
 2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
 3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
 4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

CONSTRUCTION EXIT - Co

SILT FENCE TYPE C

INLET PROTECTION - Sd2-F

SD4 DETAIL

TEMPORARY METHODS

MULCHES. SEE STANDARD DS1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY). SYNTHETIC RESINS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL. REFER TO STANDARD TB-TACKIFIERS AND BINDERS. RESINS SUCH AS CURASOL OR TERRATAK SHOULD BE USED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

VEGETATIVE COVER. SEE STANDARD DS2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).

SPRAY-ON ADHESIVES. THESE ARE USED ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. REFER TO STANDARD TB-TACKIFIERS AND BINDERS.

TILLAGE. THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING DOWN CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE WIND EROSION STARTS.

IRRIGATION. THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

BARRIERS. SOLID BOARD FENCES, SNOWFLAKES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.

CALCIUM CHLORIDE. APPLY AT RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

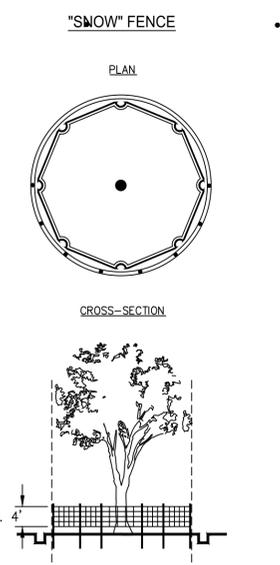
PERMANENT METHODS

PERMANENT VEGETATION. SEE STANDARD DS3 - DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION). EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

TOPSOILING. THIS ENTAILS COVERING THE SURFACE WITH LESS EROSION SOIL MATERIAL. SEE STANDARD TP - TOPSOILING.

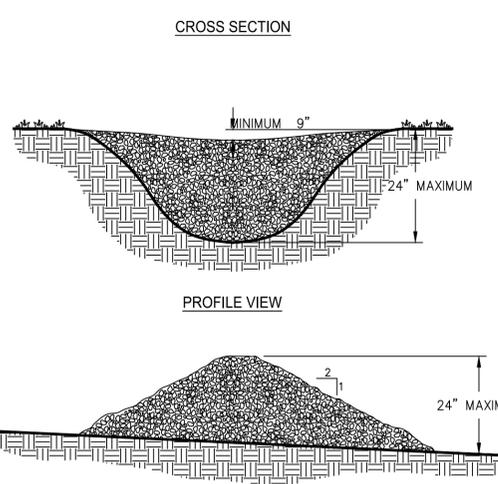
STONE. COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL. SEE STANDARD CR-CONSTRUCTION ROAD STABILIZATION.

TREE PROTECTION



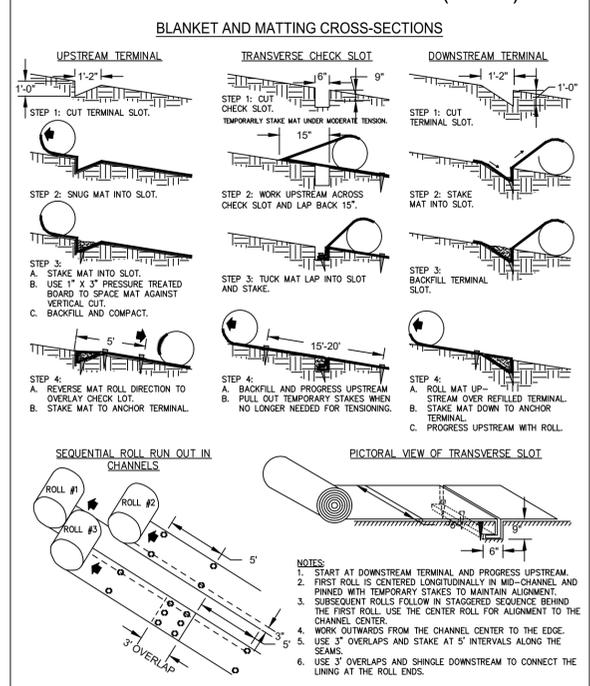
- NOTES:**
1. USE TRENCHER (I.E. DITCH WHICH) TO CUT A 4"-5" W X 18" D TRENCH ALONG DRIP LINE (LIMIT OF CLEARING) AND BACKFILL WITH SAND AND LIGHTLY COMPACT.
 2. SPACE STAKES AT INTERVALS SUFFICIENT TO MAINTAIN ALL FENCING OUT OF DRIP LINE OR AS SHOWN BY ENGINEER (SET STAKES NO GREATER THAN 6 FEET ON CENTER-REBAR IS NOT TO BE USED FOR STAKES).
 3. MAINTAIN FENCE BY REPAIRING AND/OR REPLACING DAMAGED FENCE. DO NOT REMOVE FENCING PRIOR TO LANDSCAPING OPERATIONS.
 4. DO NOT STORE OR STACK MATERIALS, EQUIPMENT, OR VEHICLES WITHIN FENCED AREA.
 5. FENCE SHALL BE ORANGE VINYL "SNOW FENCE" 4' HIGH MINIMUM.

STONE CHECK DAM



- NOTES:**
1. CHECK DAMS ARE TO BE USED ONLY IN SMALL OPEN CHANNELS (THEY ARE NOT TO BE USED IN LIVE STREAMS).
 2. THE DRAINAGE AREA FOR STONE CHECK DAMS SHALL NOT EXCEED TWO ACRES.
 3. THE CENTER OF THE CHECK DAM MUST BE AT LEAST 9 INCHES LOWER THAN THE OUTER EDGES.
 4. THE DAM HEIGHT SHOULD BE A MAXIMUM OF 2 FEET FROM CENTER TO RIM EDGE.
 5. THE SIDE SLOPES OF THE CHECK DAM SHALL NOT EXCEED A 2:1 SLOPE.
 6. GEOTEXTILE SHALL BE USED TO PREVENT THE MITIGATION OF SUBGRADE SOIL PARTICLES INTO THE STONES (REFER TO AASHTO M288-96, SECTION 7.3, TABLE 3).

TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)



- NOTES:**
1. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
 2. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID-CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
 3. SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND THE FIRST ROLL. USE THE CENTER ROLL FOR ALIGNMENT TO THE CHANNEL CENTER.
 4. WORK OUTWARDS FROM THE CHANNEL CENTER TO THE EDGE.
 5. USE 3" OVERLAPS AND STAKE AT 5' INTERVALS ALONG THE SEAMS.
 6. USE 3" OVERLAPS AND SINGLE DOWNSTREAM TO CONNECT THE LINING AT THE ROLL ENDS.

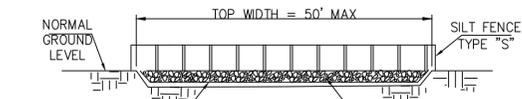
DUST CONTROL - Du

TREE SAVE FENCE

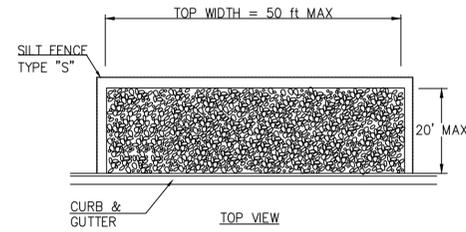
STONE CHECK DAM

SLOPE STABILIZATION DETAIL

NO.	DATE	REVISION



GEOTEXTILE UNDERLINER AASHTO M288-96 PLACED FULL LENGTH AND WIDTH OF THE AREA

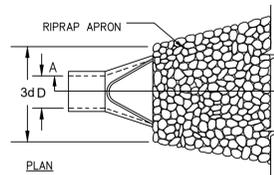


NOTES:

1. AREA DESIGNATED FOR CONCRETE TRUCKS TO WASH CONCRETE OFF OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND REAR OF THE VEHICLES. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.
2. PROVIDE CONTINUED MAINTENANCE OF WASHOUT AREA. REMOVED CONCRETE REPLACE UNDERLINER AND STONE AS OFTEN AS REQUIRED.

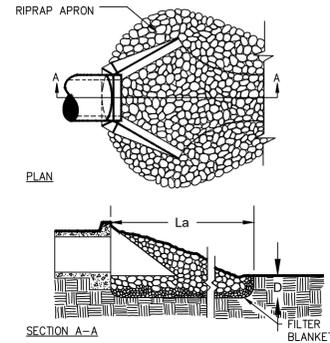
RIPRAP OUTLET PROTECTION

PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL



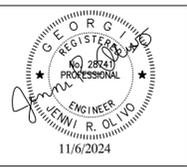
- NOTES:**
1. L_a IS THE LENGTH OF THE RIPRAP APRON.
 2. $D = 1.5$ TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
 3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

PIPE OUTLET TO WELL DEFINED CHANNEL



CONCRETE WASHOUT

STORM DRAIN OUTLET PROTECTION - St



NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia
EROSION CONTROL DETAILS

THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVO, PE
Drawn By: **BAF** Checked By: **KP**
Date: **06/19/2024**
Scale: **As Shown**

Project No.:
230378
Drawing No.:
EC-2.1

JENNI R. OLIVO, P.E. - LEVEL II CERTIFICATION #0000020711



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Construction Package for Cold Formed Steel Building
Created for Jenni Olivio
Job Number QCLA 96672788



Table Of Contents

Building Layout Plan	3
Concrete Anchor Details	4
Portal Frame Sections	6
Roof Framing Plan	13
Girt Layout	16
Sheeting Layout	23

Construction Package Notes

This construction package is to be used in conjunction with the created order for the job. All lengths and piece marks of materials in this package will correspond to an item in the order. For example, on the Sidewall A girt layout, there will likely be an item with a piece mark of SGA1. This will correspond to a line item in the order with the piece mark of SGA1. Products that do not include a piece mark will be marked with the product code.

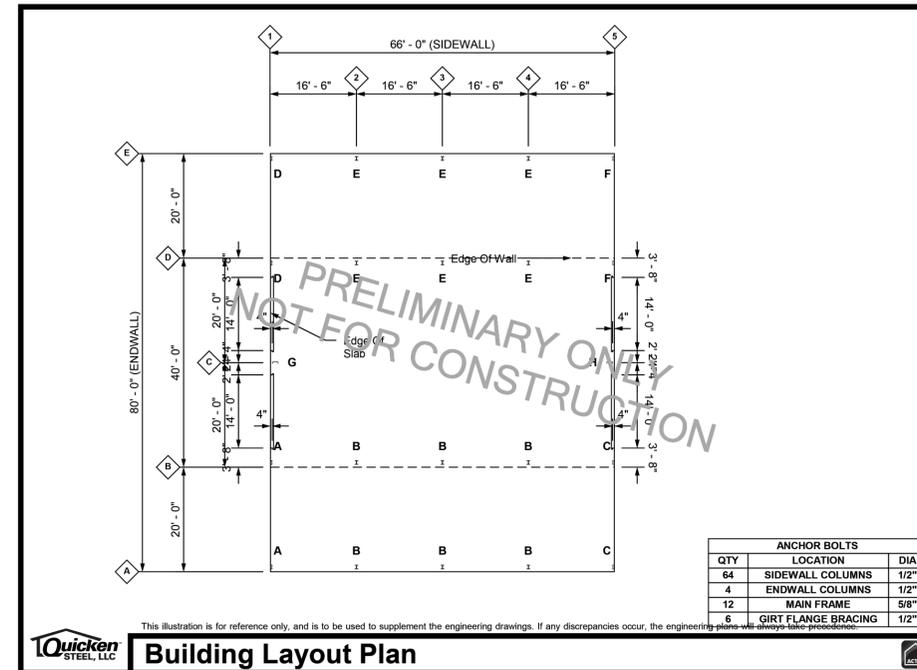
All girt layout and sheeting layouts drawings in this construction package are exterior views, and in these illustrations, components are drawn as if viewed from the outside of the building.

All drawings in this construction package are for reference only, and are to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

Construction Notifications

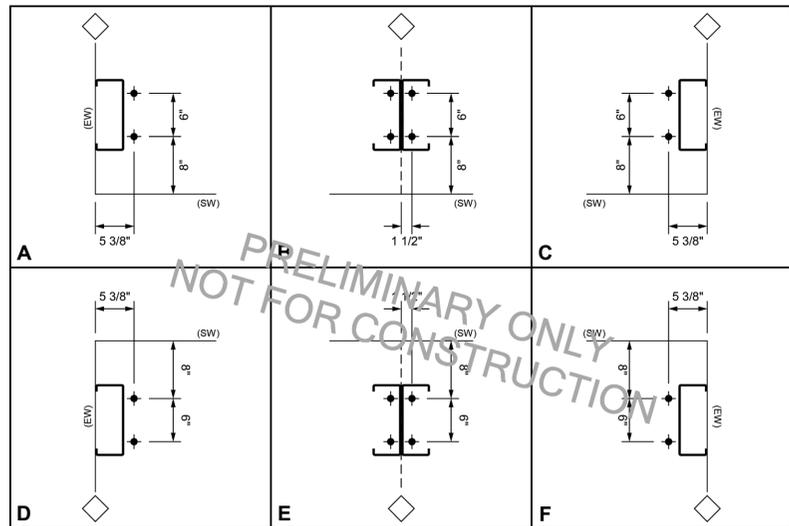
The following items will require non-typical installation that will take extra time and care during the construction process. Please take precautions.

- Pancake head screws are not available at opening installation. Framing screws will need to be used in their place.
- Leanto Rafter Connector is used in this building configuration. Where the main building has wall sheeting installed under the leanto roof the leanto framing should not be installed until after the main building wall sheeting is installed. Please see your engineering plans and Appendix B – Leanto Rafter Installation for specific installation instructions and illustrations.



Building Layout Plan

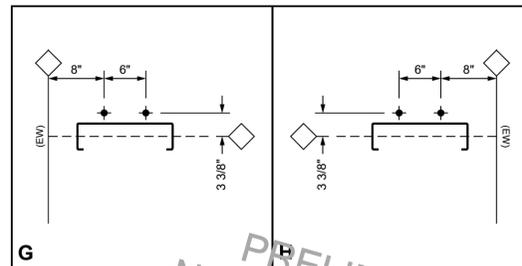
Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 3 of 28



This illustration is for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

Concrete Anchor Details

Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 4 of 28



This illustration is for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

Concrete Anchor Details

Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 5 of 28

BUILDING PLAN NOTES:

- CONTRACTOR RESPONSIBLE FOR SUBMITTING FINAL STAMPED BUILDING & FOUNDATION PLANS TO TOWN FOR APPROVAL AND PERMITTING.
- TOWN OF TYRONE IS RESPONSIBLE FOR ALL BUILDING PERMIT FEES.
- THE TOWN WILL PAY FOR APPROVED ROUGH-IN AND FINAL BUILDING INSPECTIONS. INSPECTIONS FOR PARTIAL, REINSPECTION, OR DELAYS WILL NOT BE PAID FOR BY THE TOWN.

THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVIO, PE

Drawn By: BAF Checked By: KP

Date: 06/19/2024

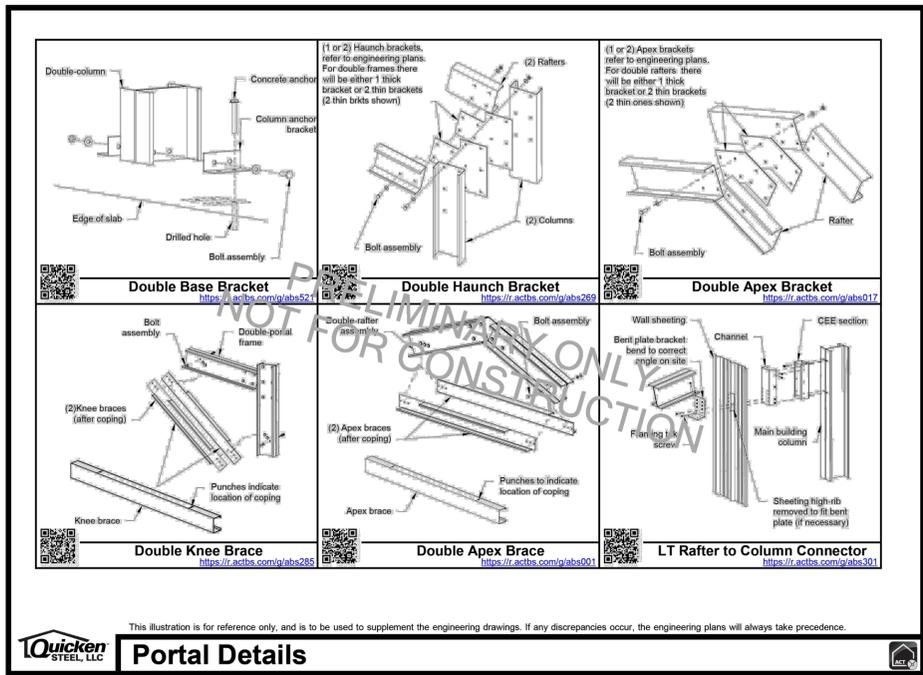
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Project No.:
230378

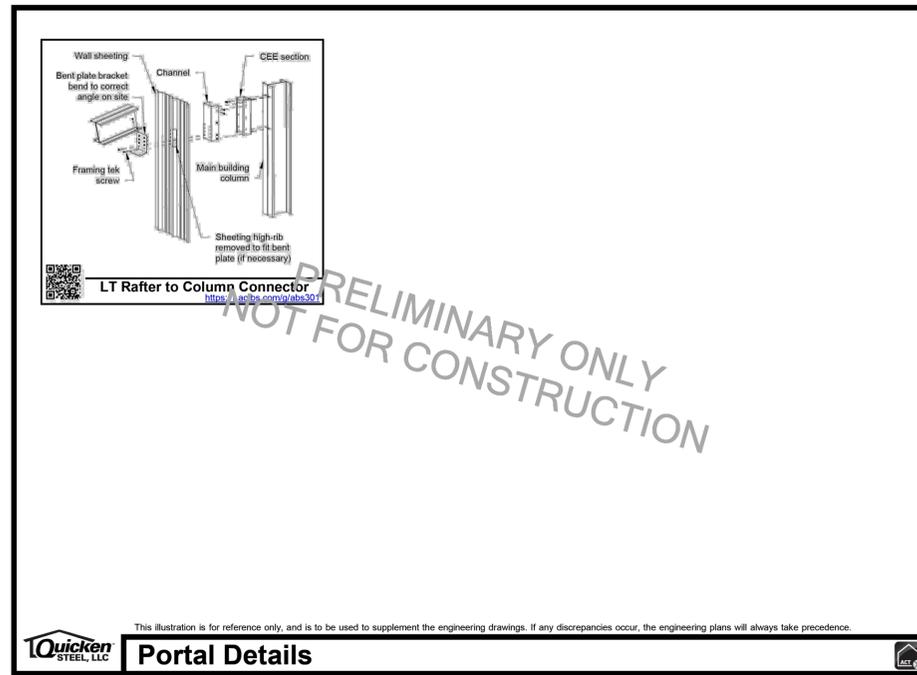
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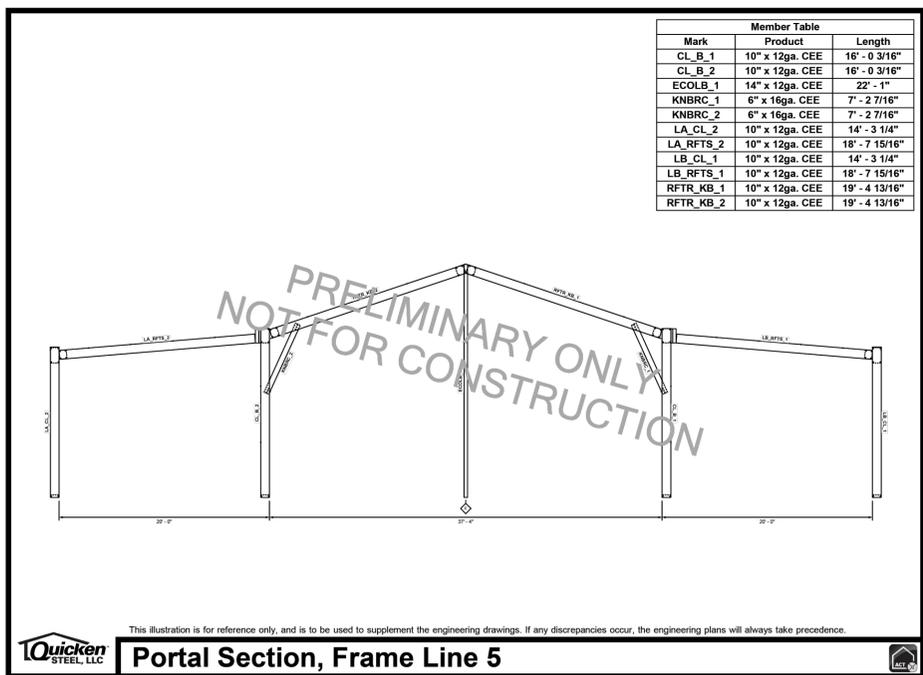
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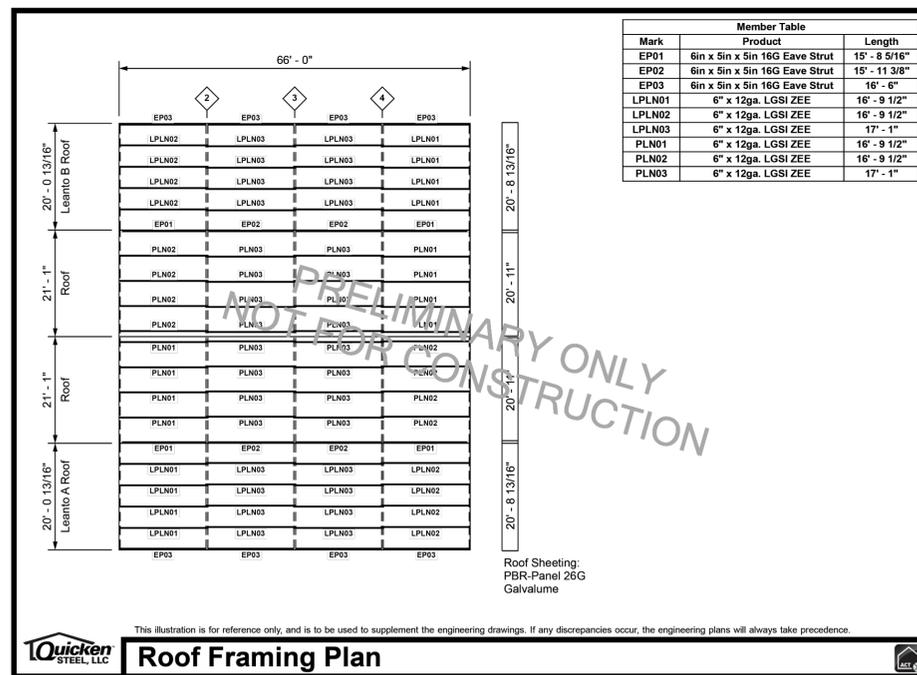
Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 10 of 28



Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 11 of 28



Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 12 of 28



Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 13 of 28

NO.	DATE	REVISION

NO.	DATE	REVISION

**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyrone, Georgia
**PRELIMINARY BUILDING
PLANS**

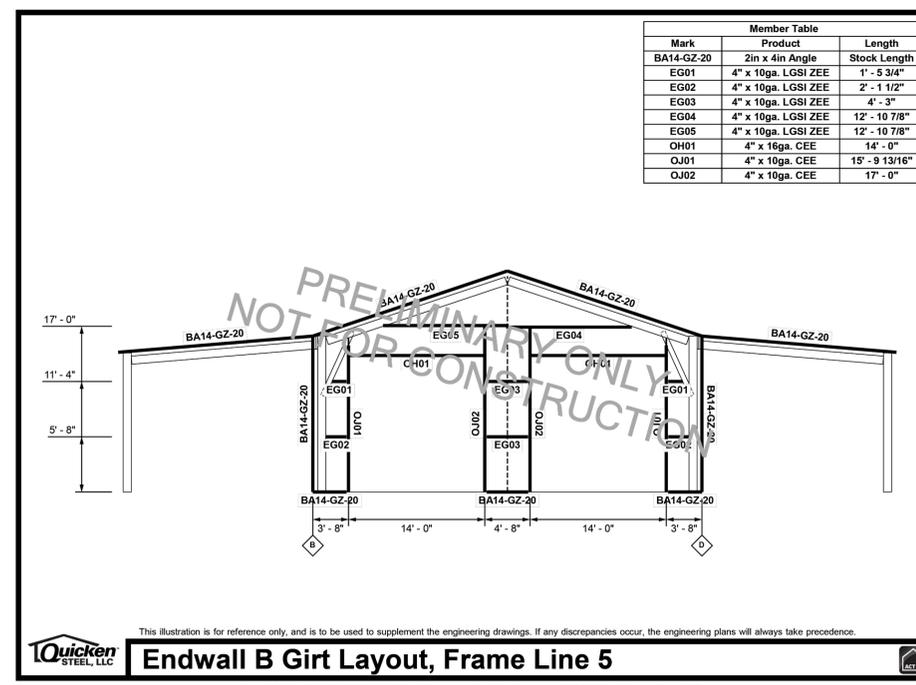
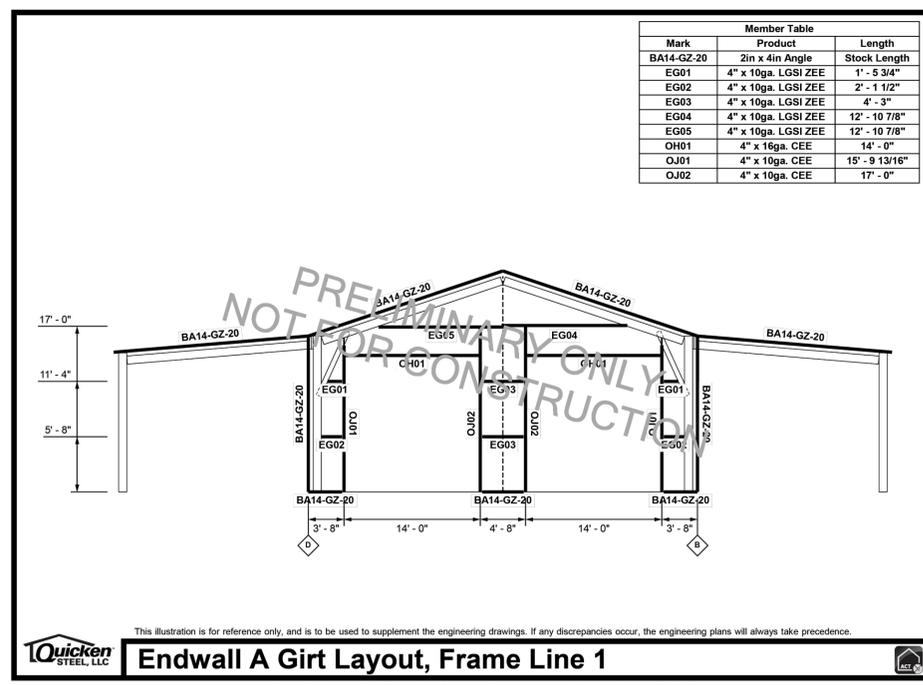
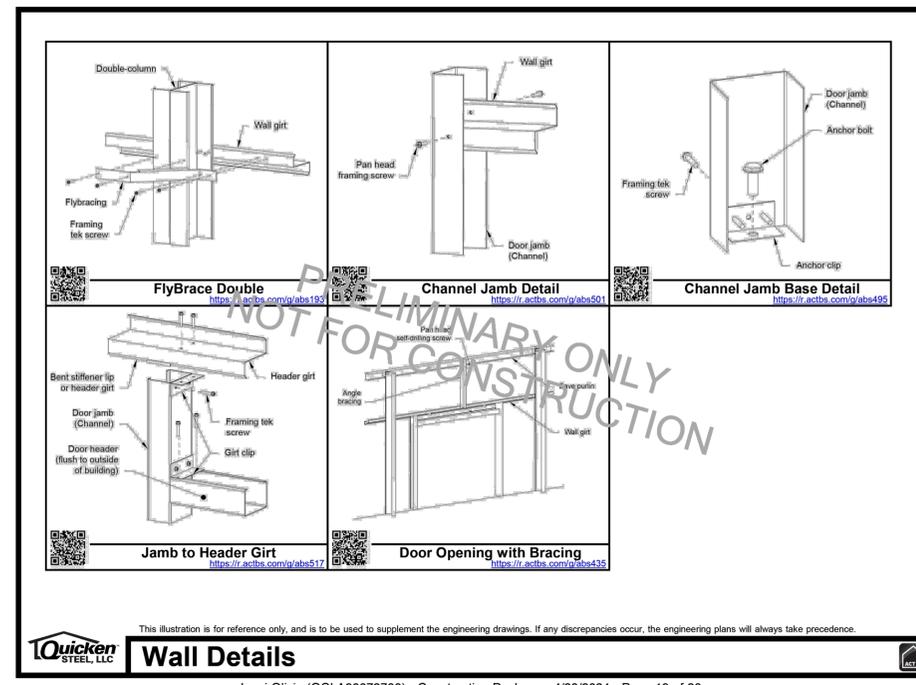
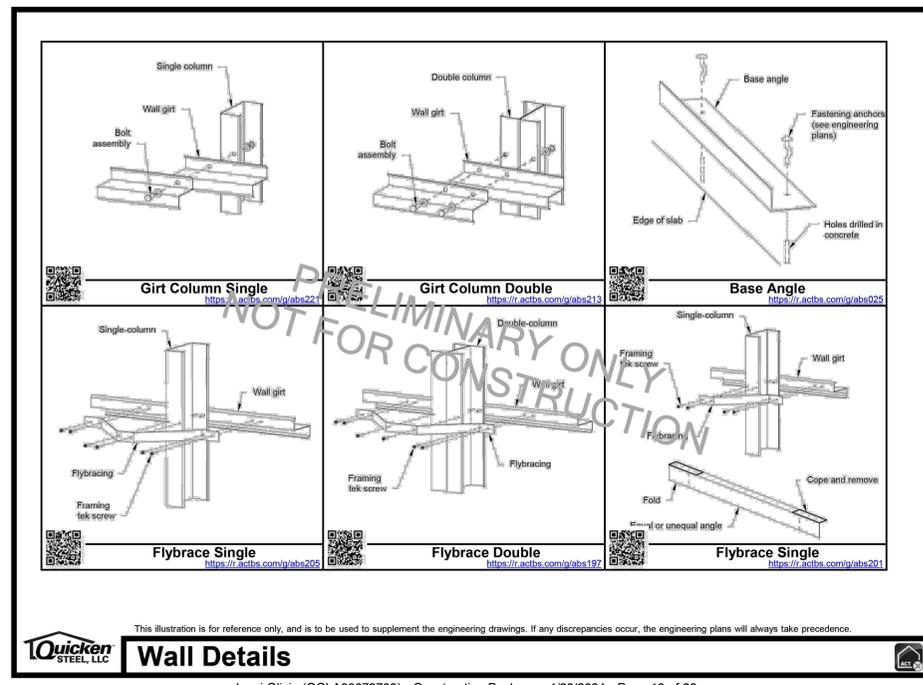
THIS BAR IS
1 INCH LONG
PLOTTED FULL SCALE

Project Manager:
JENNI OLIVIO, PE
Drawn By: BAF Checked By: KP
Date: 06/19/2024
Scale: As Shown

Project No.:
230378
Drawing No.:
A-1.2



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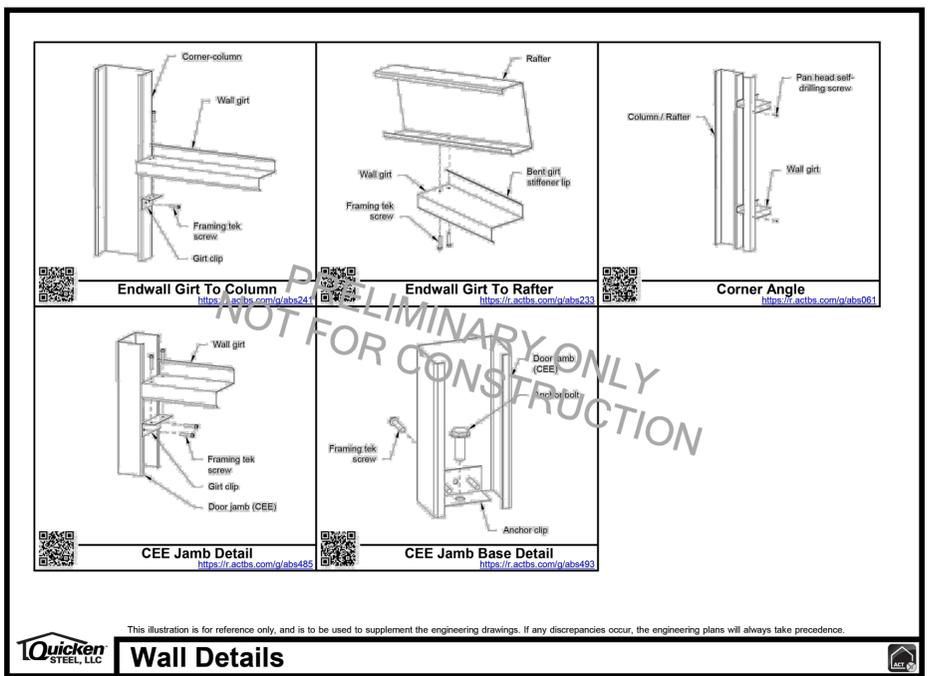
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JENNI OLIVIO, PE
Drawn By: BAF
Checked By: KP
Date: 06/19/2024
Scale: As Shown

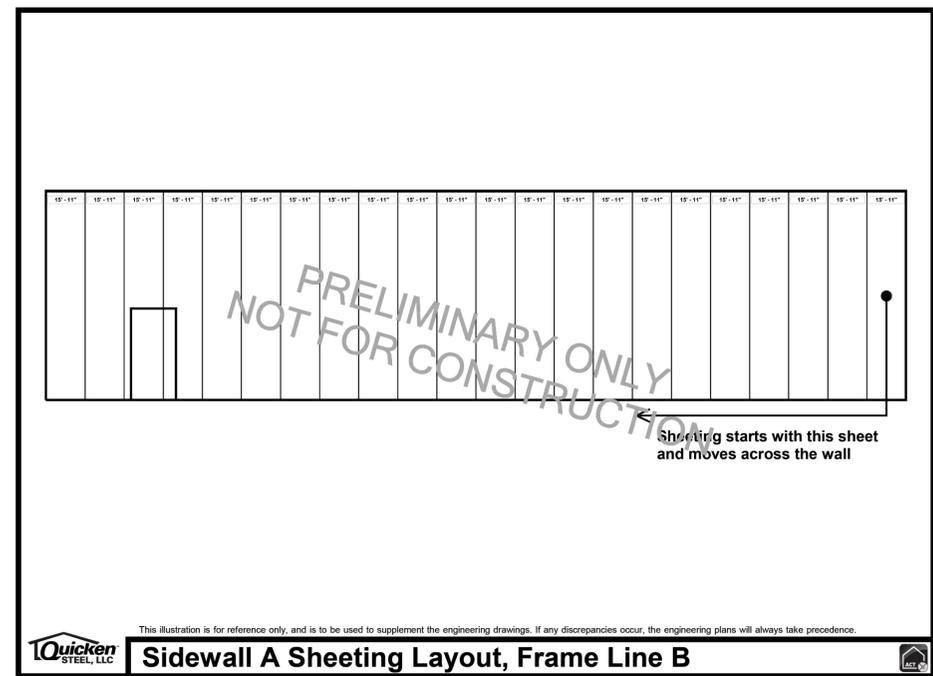
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230378
Drawing No.:
A-1.4



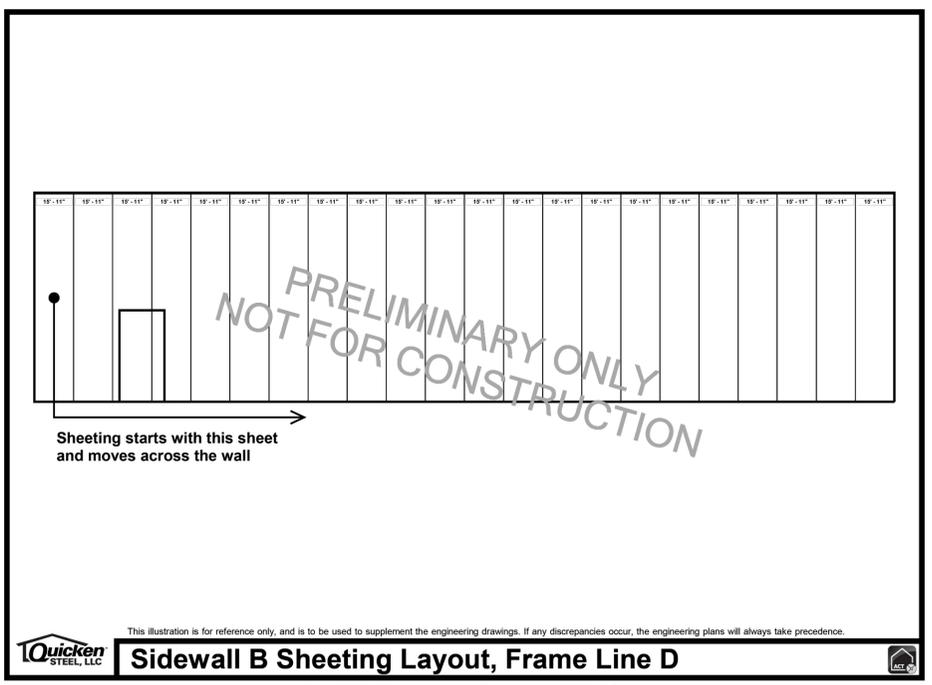
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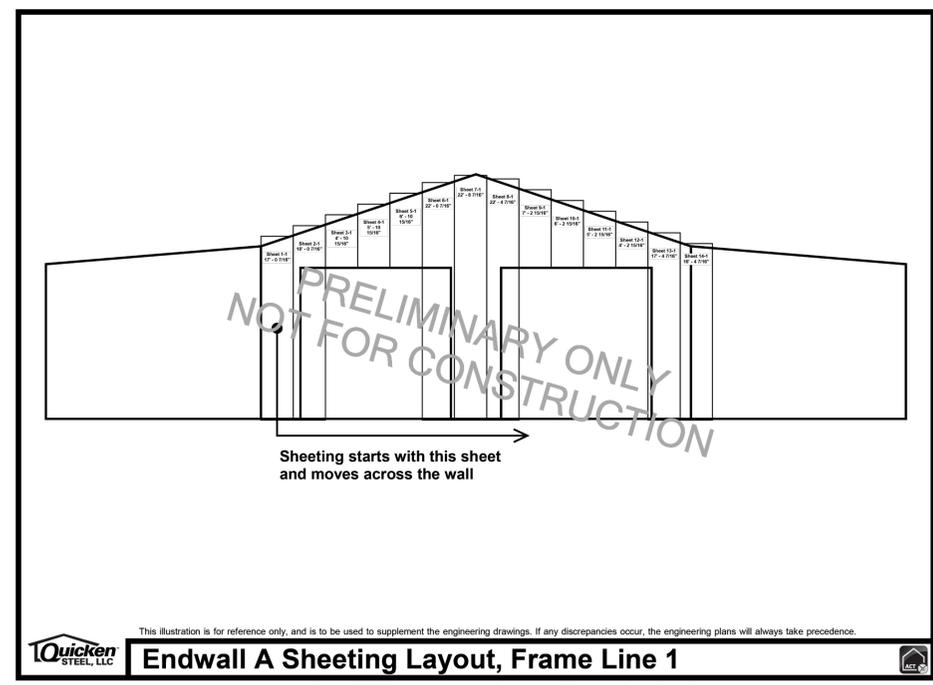
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**PRELIMINARY BUILDING
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Project Manager:
JENNI OLIVIO, PE

Drawn By: **BAF** Checked By: **KP**

Date: **06/19/2024**

Scale: **As Shown**

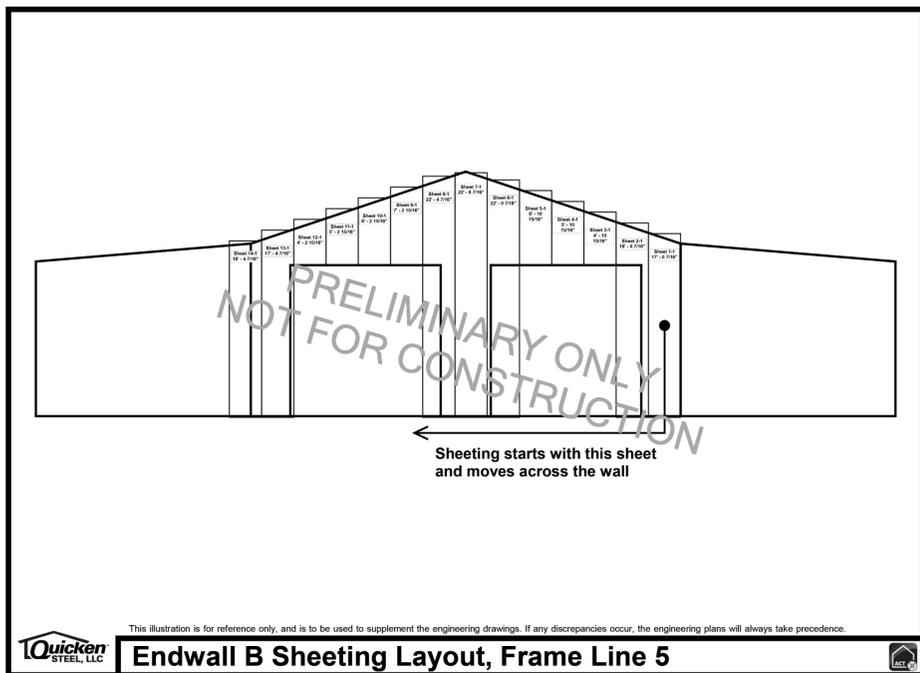
Project No.:
230378

Drawing No.:
A-1.5

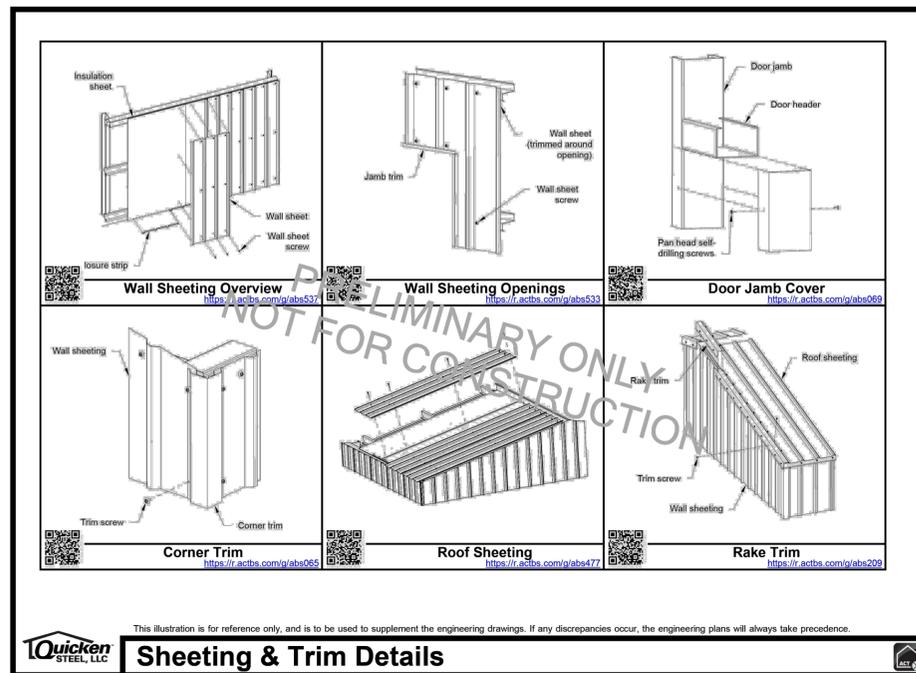


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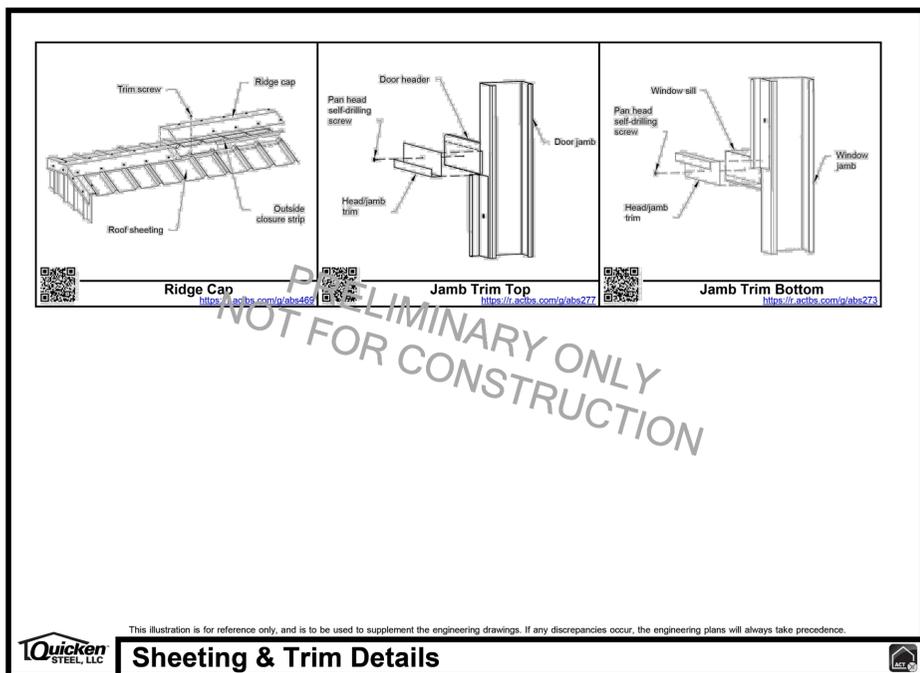
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Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 27 of 28



Jenni Olivio (QCLA96672788) - Construction Package - 4/23/2024 - Page 28 of 28

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**HANDLEY PARK PUBLIC WORKS
STORAGE BUILDING**
Tyronc, Georgia
**PRELIMINARY BUILDING
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Drawn By: BAF Checked By: KP
Date: 06/19/2024
Scale: As Shown

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