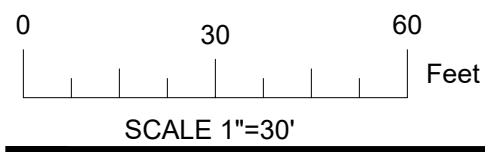




- DEMOLITION LEGEND:**
-  28K TREES TO BE REMOVED

SITE BENCHMARK: 752.79  
TOP OF BOLT IN MIDDLE OF "MUELLER"



FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

DRAWING NUMBER

C101

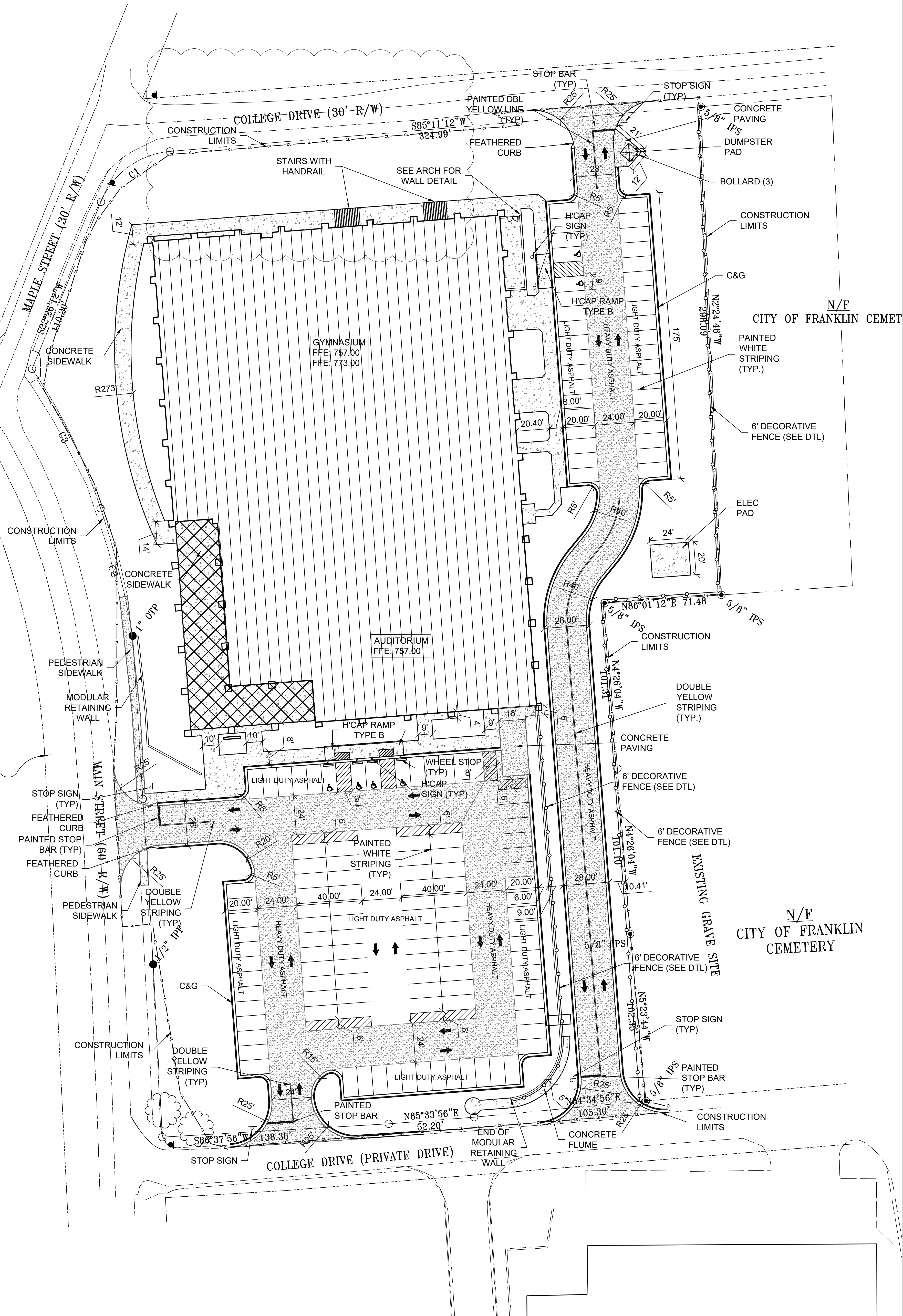
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BEARING	DISTANCE
S56°37'30"E	52.06'
N11°17'27"W	80.27'
S23°20'24"W	94.79'

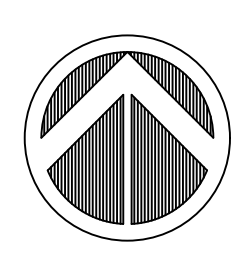
SITE BENCHMARK: 752.79  
TOP OF BOLT IN MIDDLE OF "MUELLER"




- STAKING NOTES:**
- ALL DIMENSIONS REFERENCING CURB AND GUTTER ARE MEASURED TO BACK OF CURB.
  - THE DEPTH OF PROPOSED PAVEMENT AND BUILDINGS ARE AS FOLLOWS:
    - BUILDING SLAB & BASE - 8"
    - LIGHT DUTY PAVEMENT - 9 1/2"
    - HEAVY DUTY PAVEMENT - 11 1/2"
    - CONCRETE PAVEMENT - 7"
    - SIDEWALK - 4"
  - A DWG COMPUTER FILE WILL BE AVAILABLE FROM ENGINEER FOR CONSTRUCTION LAYOUT.
  - ALL CAR PARKING STALLS AND STRIPED ISLANDS SHALL BE PAINTED WITH 4" WHITE STRIPES AS SHOWN.
  - ALL SIGNAGE/STRIPING PER MUTCD LATEST EDITION.
  - ALL STRIPING IN R/W SHALL BE THERMO PLASTIC.

**STAKING LEGEND:**

	BUILDING
	HEAVY-DUTY ASPHALT
	CONCRETE PAVEMENT
	CURB & GUTTER
	CONCRETE SIDEWALK
	HANDICAP PARKING
	PAVEMENT MARKINGS



SA&E PROJECT NUMBER		01-615-056		
BID PACKAGE/PHASING		BP-1		
ISSUED FOR CONSTRUCTION		10/15/2019		
 7951 Troon Circle Austell, GA 30168 (770) 819-7777 architects & engineers		REVISIONS		
		R #	Doc #	Date
		1	AD1	11.04.2019
		2	AD3	11-20-2019
		3	COP1	02-17-2020
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Austell, Ga 30168  
(770) 819-7777  
**Southern AE**  
architects & engineers

FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

STAKING PLAN

DRAWING NUMBER

C102

**CAUTION:**

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www.Georgia811.com



BEARING	DISTANCE
S56°37'30"E	52.06'
N11°17'27"W	80.27'
S23°20'24"W	94.79'

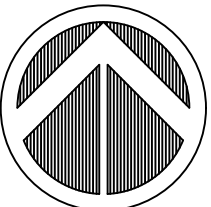
SITE BENCHMARK: 752.79  
TOP OF BOLT IN MIDDLE OF "MUELLER"

- GRADING NOTES:
- GRADES SHOWN REPRESENT FINISH ELEVATIONS.
  - CONTRACTOR TO DEDUCT FOR SUB-GRADE ELEVATIONS.
  - CONTRACTOR TO SEED ALL AREAS DISTURBED IN CONSTRUCTION AREA, INCLUDING AREAS WITHOUT TOPSOIL COVER.
  - CONTRACTOR TO STRIP TOPSOIL AND STOCK PILE ON-SITE FOR USE IN THE LANDSCAPED/SEEDED AREAS.
  - CONTRACTOR SHALL BE DISPOSE OF ALL EXCESS MATERIAL OFF SITE. THIS SITE DOES NOT BALANCE.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING CURB AND SPREADING TOPSOIL IN SAME AREA. ANY EXCESS SOIL SHALL BE DISPOSED OF OFF-SITE, SPREAD, SMOOTHED AND GRASSED. ANY ADDITIONAL SOIL NEEDED FOR BACKFILLING SHALL BE OBTAINED FROM ON-SITE (COORDINATE WITH OWNER).
  - CONTRACTOR SHALL REPAIR/RESTORE AREAS DAMAGED BY CONSTRUCTION EQUIPMENT OR REMEDIAL WORK REQUIRED DUE TO EROSION OR ACCUMULATED SILT.
  - EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY GRADING OR CLEARING.
  - ALL GRATES, MANHOLE COVERS, RINGS AND OTHER ACCESSORIES SHOWN ON DETAILS SHALL BE PROVIDED UNLESS MARKED N.I.C.
  - ALL PIPES SHALL BE GROUTED INSIDE AND OUTSIDE OF STRUCTURES. PIPES SHALL BE GROUTED OUTSIDE STRUCTURE PRIOR TO BACK-FILLING.
  - CONTRACTOR TO GRADE GRASSED AREAS TO MATCH GRADES SHOWN AND MAINTAIN BUILDING AND PAVED AREA GRADES.
  - ANY SOIL NOT RE-SPREAD ON-SITE SHALL BE DISPOSED OF OFF-SITE.
  - ALL SPOT GRADES ALONG CURB AND GUTTER ARE TO BOTTOM OF CURB UNLESS OTHERWISE NOTED. (NOT SUBGRADE ELEVATION).

GRADING LEGEND:

- |  |                                     |
|--|-------------------------------------|
|  | BUILDING                            |
|  | CURB & GUTTER                       |
|  | EXISTING CONTOURS                   |
|  | PROPOSED CONTOURS                   |
|  | PROPOSED SPOT ELEVATIONS            |
|  | GRATE INLET                         |
|  | JUNCTION BOX                        |
|  | OUTLET CONTROL STRUCTURE            |
|  | DRAINAGE SLOPE                      |
|  | CONSTRUCTION/CLEARING LIMITS        |
|  | TOP OF WALL                         |
|  | BOTTOM OF WALL (NOT TOP OF FOOTING) |

0 30 60 Feet  
SCALE 1"=30'



S&E PROJECT NUMBER		01-615-056
BID PACKAGE/PHASING		BP-1
ISSUED FOR CONSTRUCTION		10/15/2019
REVISIONS		
R #	Doc #	Date
1	AD1	11.04.2019
2	AD3	11.20.2019
3	COP1	02-17-2020

**Southern A&E**  
7951 Troon Circle  
Austell, Ga 30168  
(770) 819-7777  
architects & engineers

FACILITY CODE NUMBER: 674-0110

GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

GRADING PLAN

DRAWING NUMBER

C103

CAUTION:

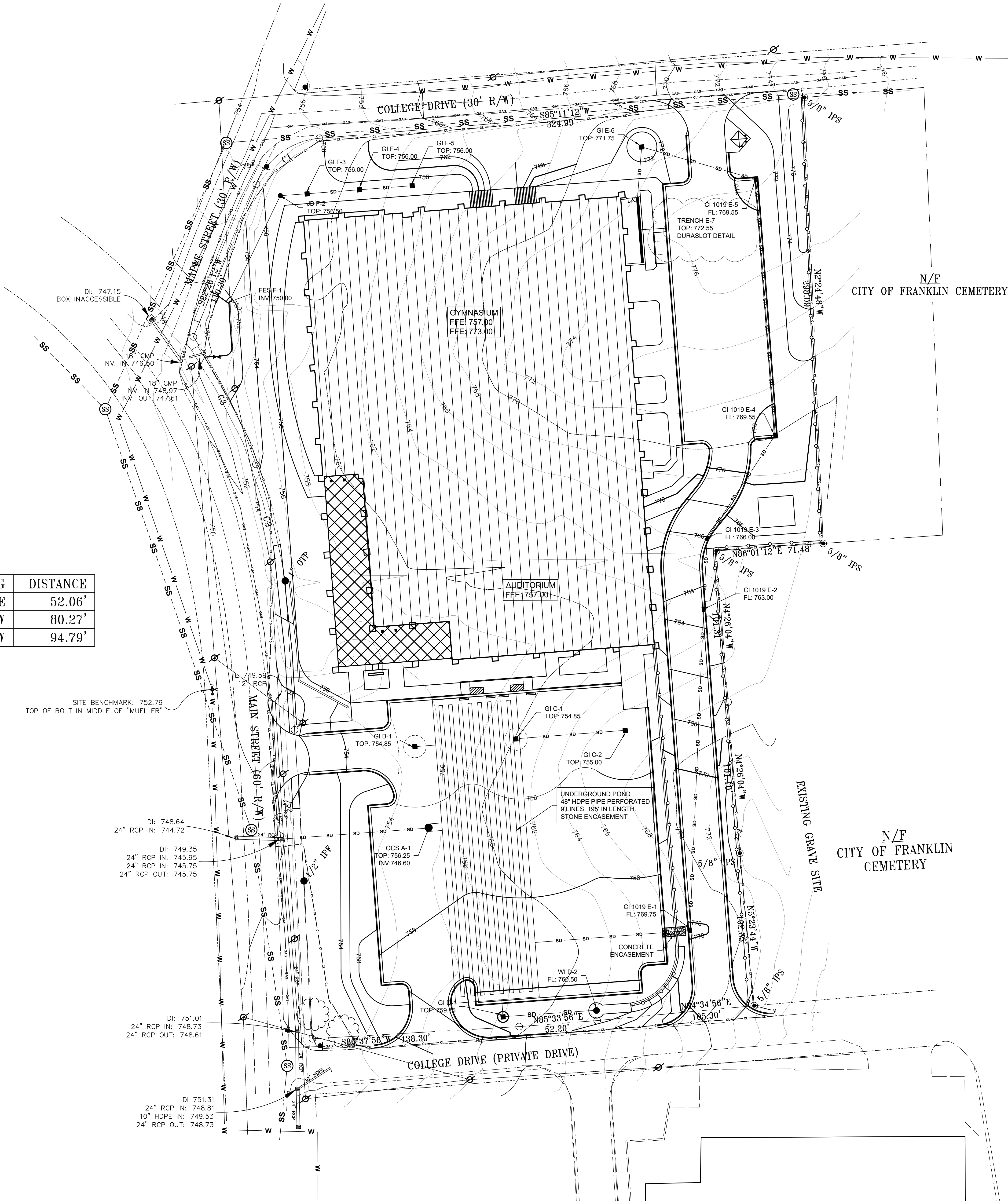
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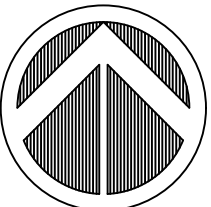
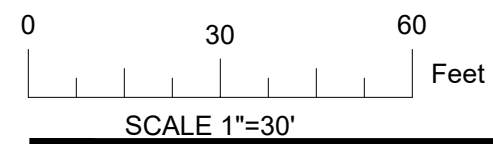
BEARING	DISTANCE
S56°37'30"E	52.06'
N11°17'27"W	80.27'
N23°20'24"W	94.79'



- STORM DRAINAGE NOTES:**
1. ALL HEADWALLS SHALL BE ENERGY DISSIPATING HEADWALLS.
  2. CONTRACTOR SHALL INSTALL RIP-RAP OUTLET PROTECTION AT ALL HEADWALLS UNLESS NOTED OTHERWISE.
  3. ALL STORM GRATES IN A CONCRETE/PEDESTRIAN CONCOURSE AREA SHALL BE ADA COMPLIANT STORM GRATES.
  4. ALL STORM PIPE SHALL BE HDPE DOUBLE WALLED SMOOTH INTERIOR STORM PIPES UNLESS NOTED OTHERWISE.
  5. CONTRACTOR SHALL COORDINATE WITH SEWER, WATER, GAS ETC. INSTALL ON ALL CROSSINGS.
  6. ALL STORM PIPE SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.

- GRADING NOTES:**
1. GRADES SHOWN REPRESENT FINISH ELEVATIONS.
  2. CONTRACTOR TO DEDUCT FOR SUB-GRADE ELEVATIONS.
  3. CONTRACTOR TO SEED ALL AREAS DISTURBED IN CONSTRUCTION AREA, INCLUDING AREAS WITHOUT TOPSOIL COVER.
  4. CONTRACTOR TO STRIP TOPSOIL AND STOCK PILE ON-SITE FOR USE IN THE LANDSCAPED/SEEDED AREAS.
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- GRADING LEGEND:**
- BUILDING
  - CURB & GUTTER
  - EXISTING CONTOURS
  - PROPOSED CONTOURS
  - PROPOSED SPOT ELEVATIONS
  - GRATE INLET
  - JUNCTION BOX
  - OUTLET CONTROL STRUCTURE
  - DRAINAGE SLOPE
  - CONSTRUCTION/CLEARING LIMITS
  - TOP OF WALL
  - BOTTOM OF WALL (NOT TOP OF FOOTING)



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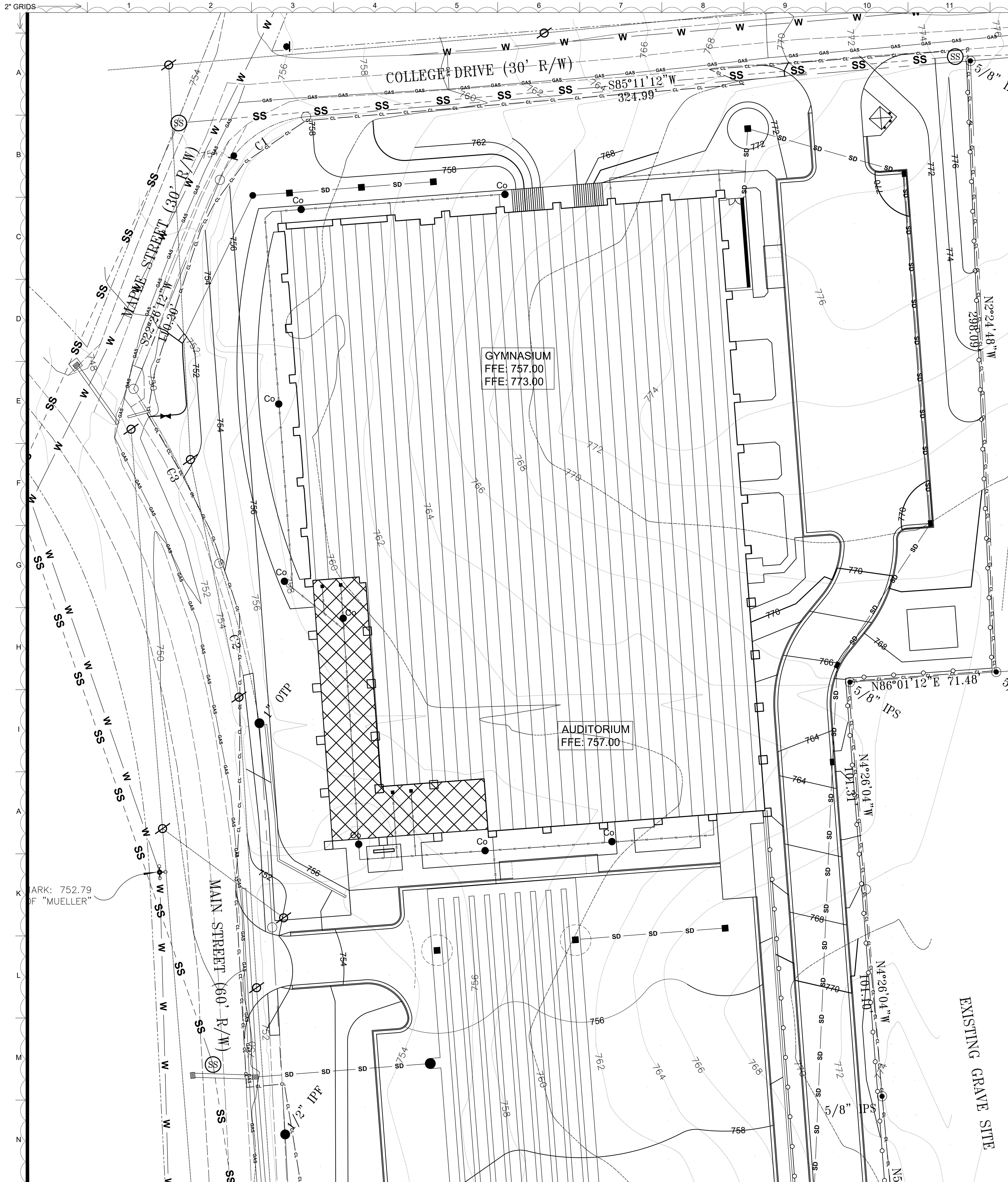


S&E PROJECT NUMBER		01-615-056	
BID PACKAGE/PHASING		BP-1	
ISSUED FOR CONSTRUCTION		10/15/2019	
<b>Southern A&amp;E</b> 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects & engineers		REVISIONS	
		R #	Doc # Date
		1	AD1 11-04-2019
		2	AD3 11-20-2019
		3	AD4 11-25-2019

FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

STORM DRAINAGE PLAN		DRAWING NUMBER
		C104

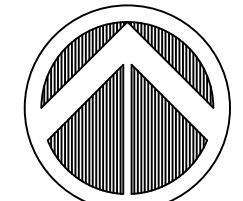




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- GRADING LEGEND:**
- BUILDING
  - CURB & GUTTER
  - EXISTING CONTOURS
  - PROPOSED CONTOURS
  - PROPOSED SPOT ELEVATIONS
  - GRATE INLET
  - JUNCTION BOX
  - OUTLET CONTROL STRUCTURE
  - DRAINAGE SLOPE
  - CONSTRUCTION/CLEARING LIMITS
  - TOP OF WALL
  - BOTTOM OF WALL (NOT TOP OF FOOTING)



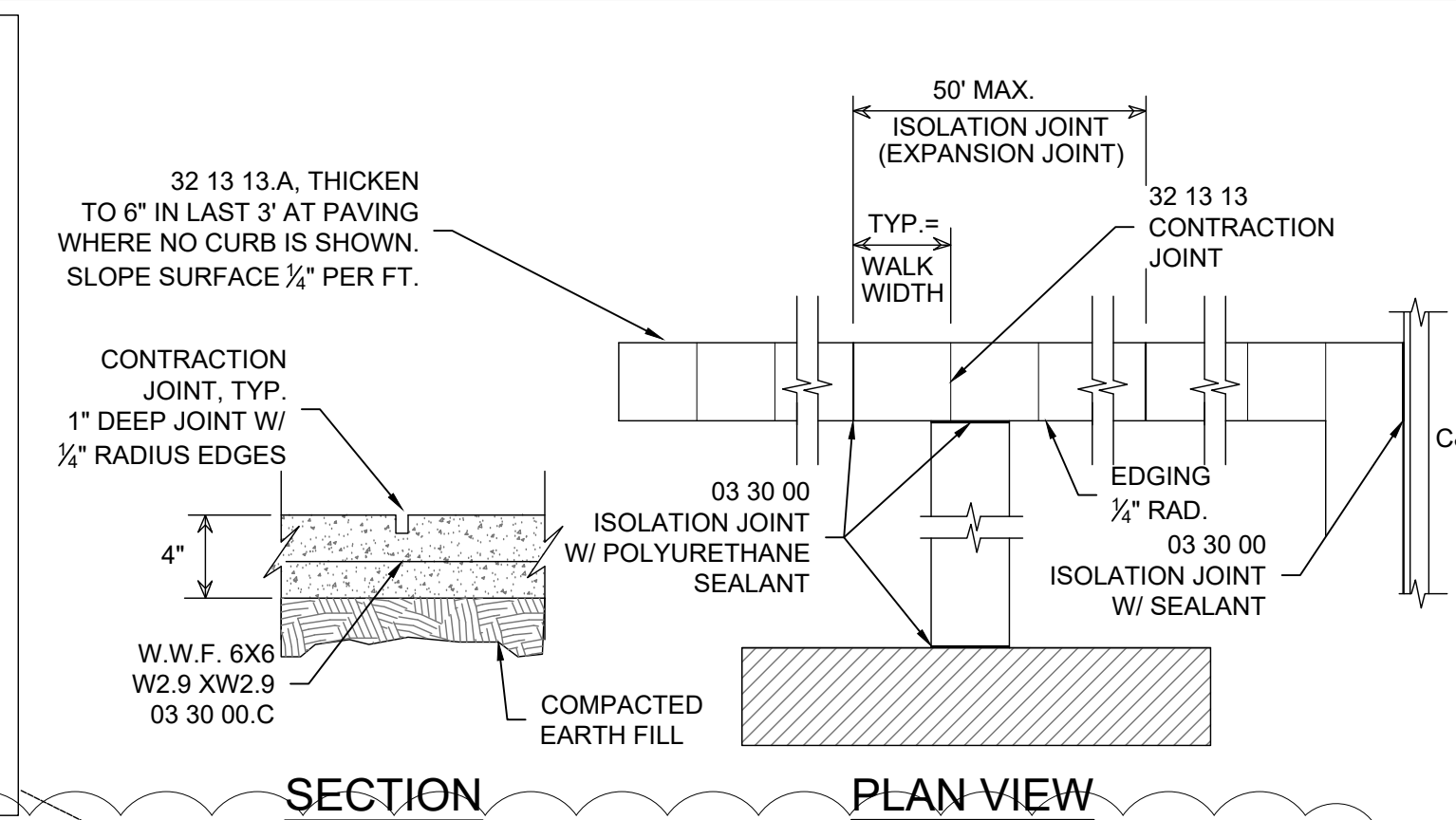
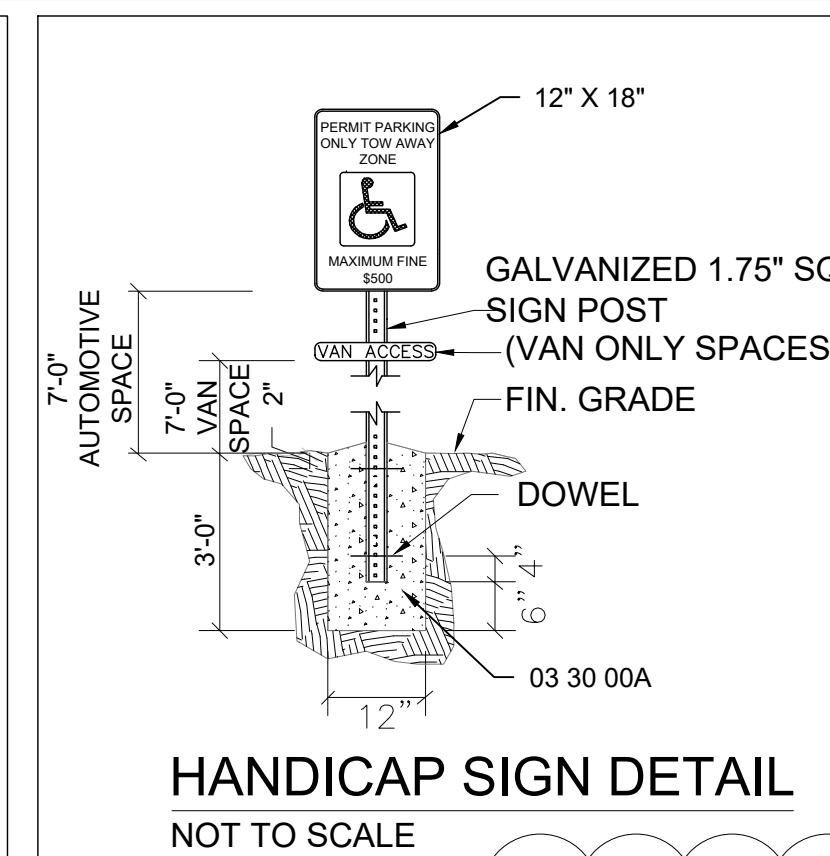
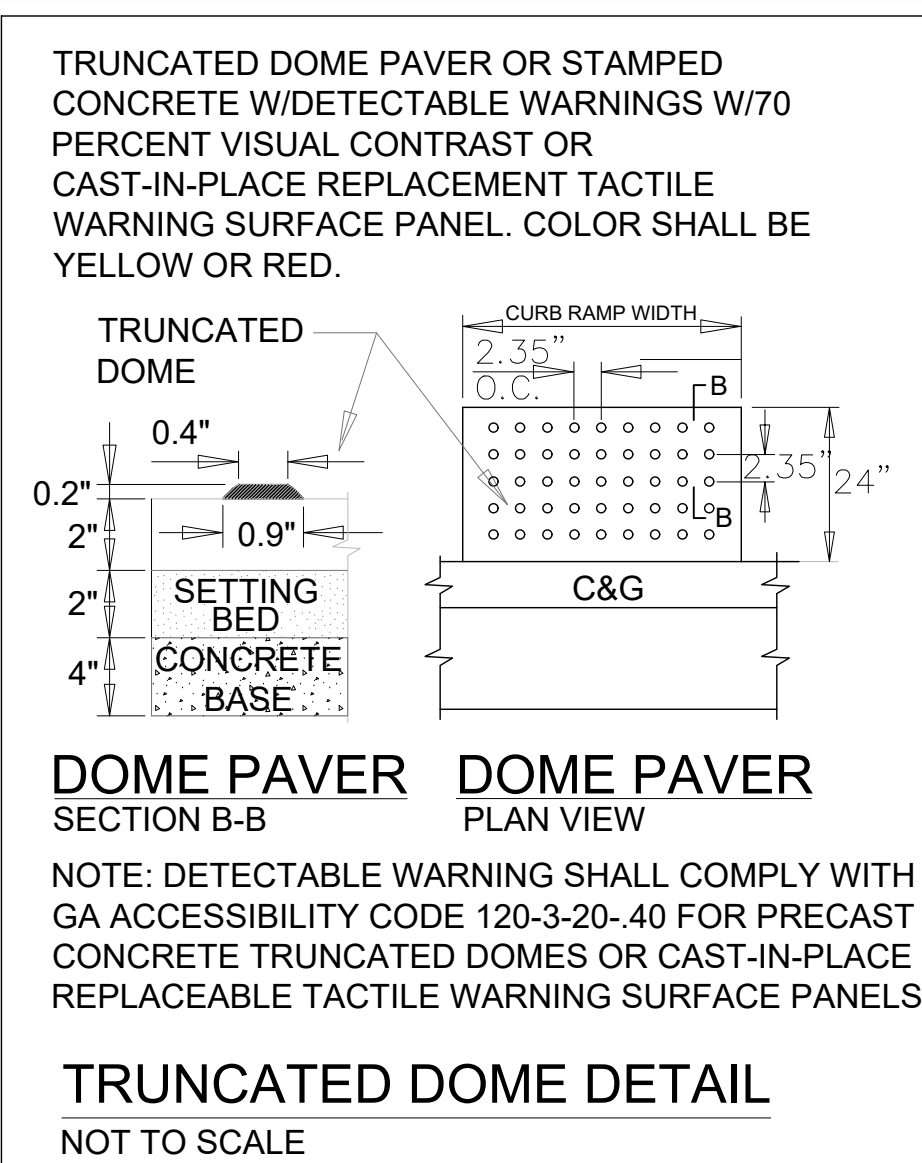
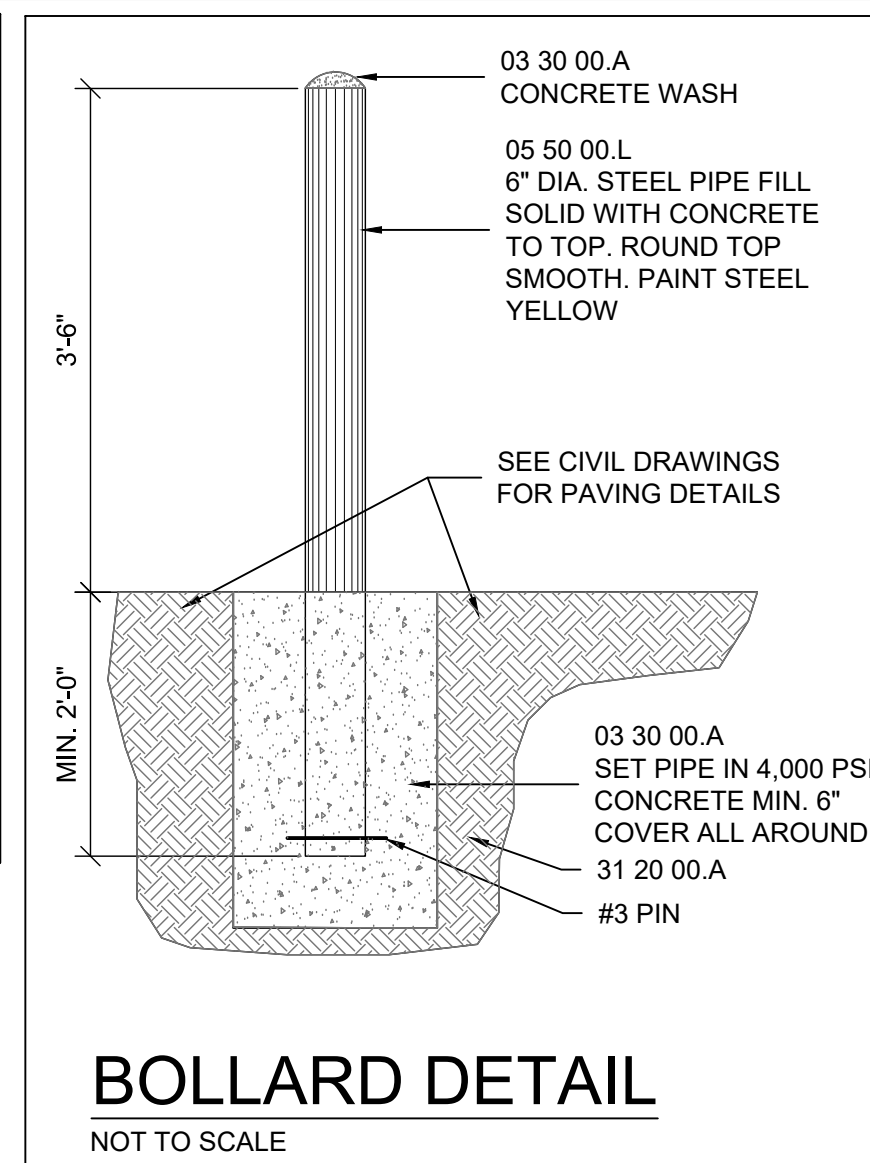
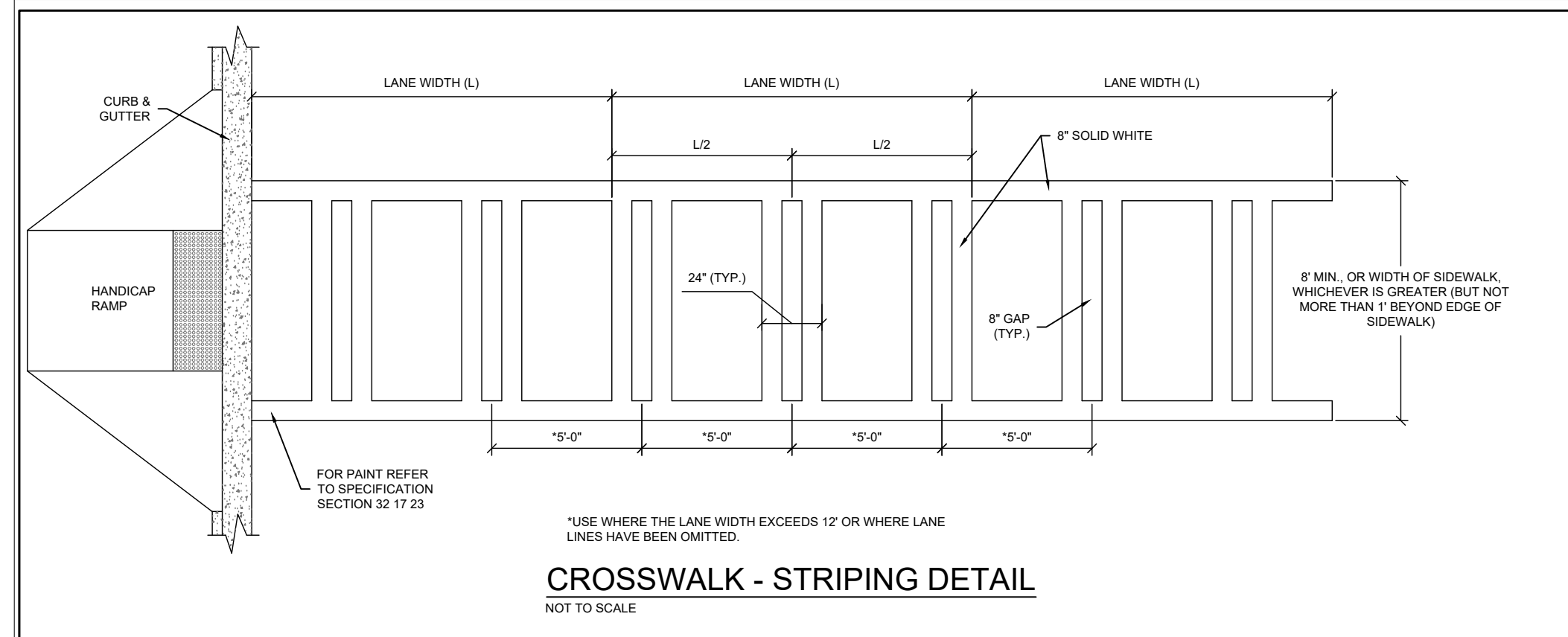
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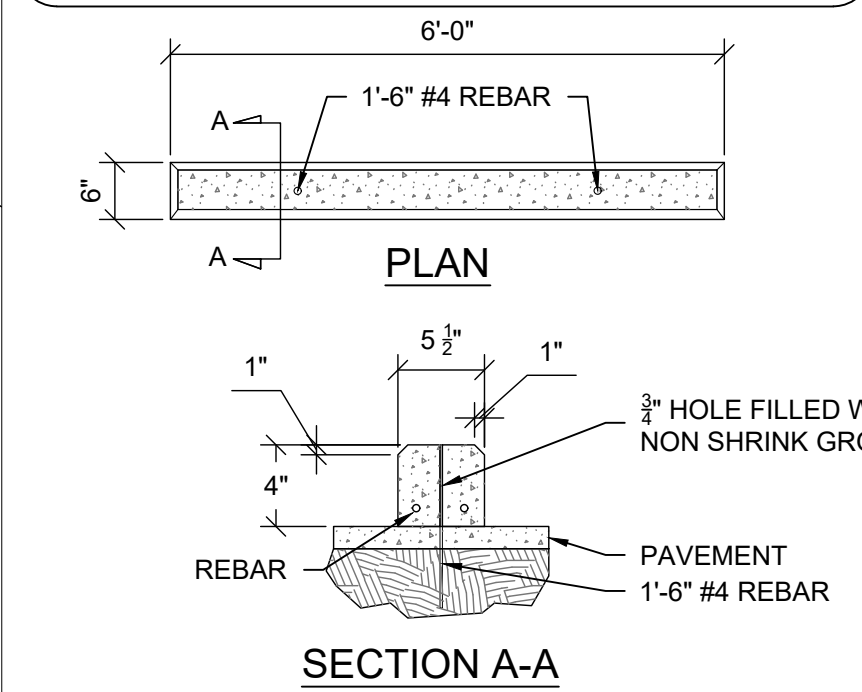
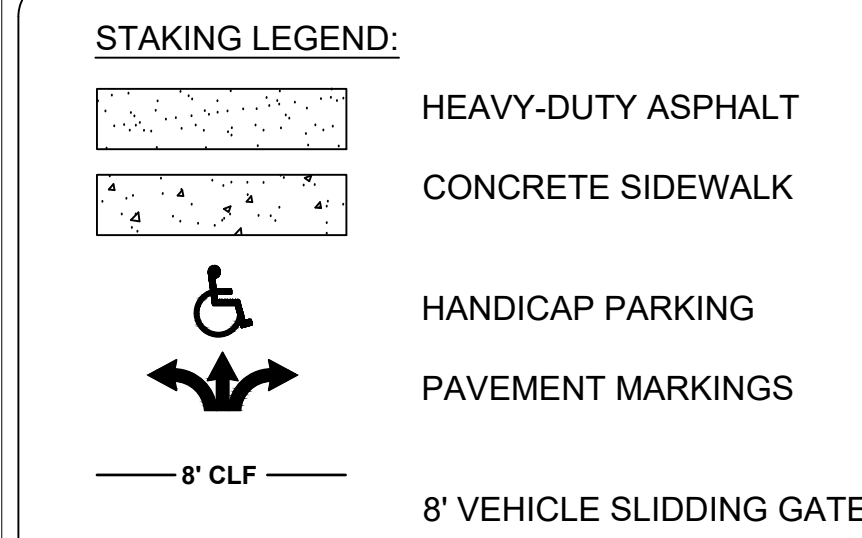
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S&E PROJECT NUMBER BID PACKAGE/PHASING ISSUED FOR CONSTRUCTION		01-615-056 BP-1 10/15/2019	
<b>Southern A&amp;E</b> 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects & engineers		REVISIONS	
		R #	Doc # Date
		1	AD1 11.04.2019
FACILITY CODE NUMBER: 674-0110 GYMNASIUM/AUDITORIUM FOR: <b>HEARD COUNTY SCHOOLS</b> 545 MAIN STREET, FRANKLIN, GA 30217 <b>HEARD COUNTY SCHOOL SYSTEM</b> FRANKLIN, GEORGIA			
ROOF DRAINAGE PLAN			
STATE OF GEORGIA REGISTERED ARCHITECT GREGORY SCHLAWASER		STATE OF GEORGIA REGISTERED ARCHITECT BRENDA REAGAN KUK	
		DRAWING NUMBER <b>C105</b>	

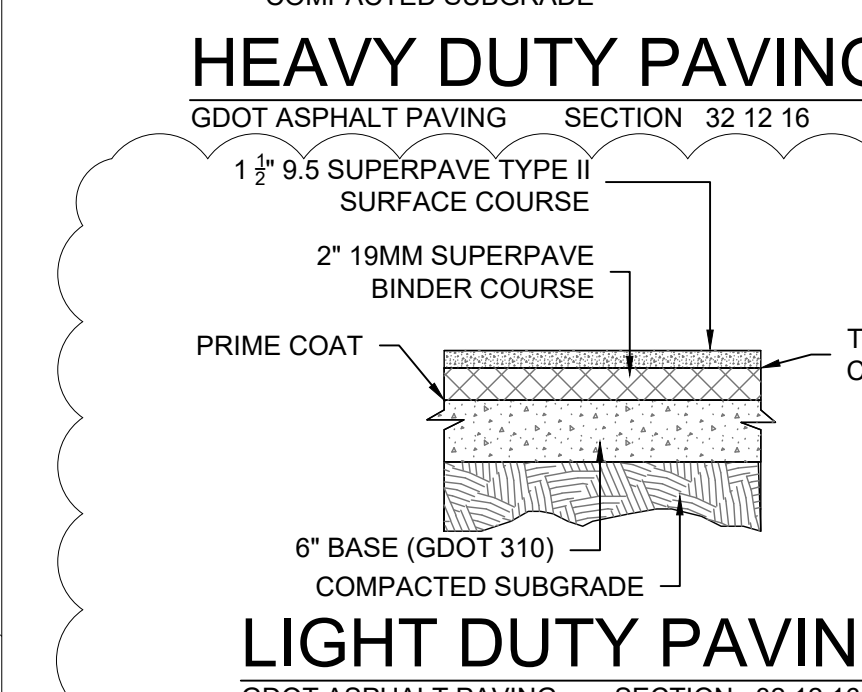
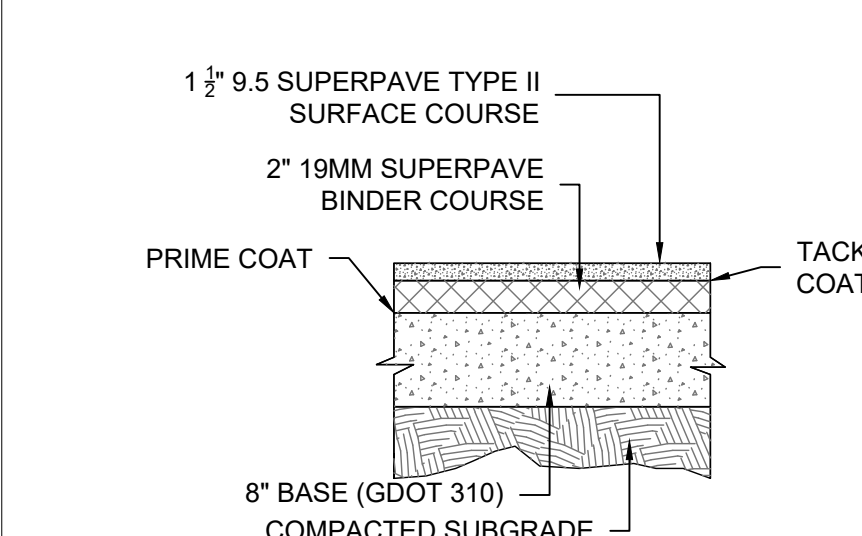




- STAKING NOTES:**
- THE DEPTH OF PROPOSED PAVEMENT ARE AS FOLLOWS:
  - LIGHT DUTY PAVEMENT - 9 1/2"
  - SIDEWALK - 4"
  - A DWG COMPUTER FILE WILL BE AVAILABLE FROM ENGINEER FOR CONSTRUCTION LAYOUT.
  - ALL CAR PARKING STALLS AND STRIPED ISLANDS SHALL BE PAINTED WITH 4" WHITE STRIPES AS SHOWN.
  - ALL SIGNAGE/STRIPING PER MUTCD LATEST EDITION.
  - ALL STRIPING IN R/W SHALL BE THERMO PLASTIC.



### WHEEL STOP DETAIL




### ADD ALTERNATE # 3 RE-PAVING PLAN

Scale: 1" = 30'

S&E PROJECT NUMBER	01-615-054		
BID PACKAGE / PHASING	BP#1		
ISSUED FOR PRELIMINARIES	6/13/2019		
REVISIONS			
R #	Doc #	DATE:	
1	AD3	11-20-2019	
2	AD4	11-25-2019	

# Southern

7951 Troon Circle  
Austell, Ga 30168  
(770) 819-7777



LLC

architects & engineers

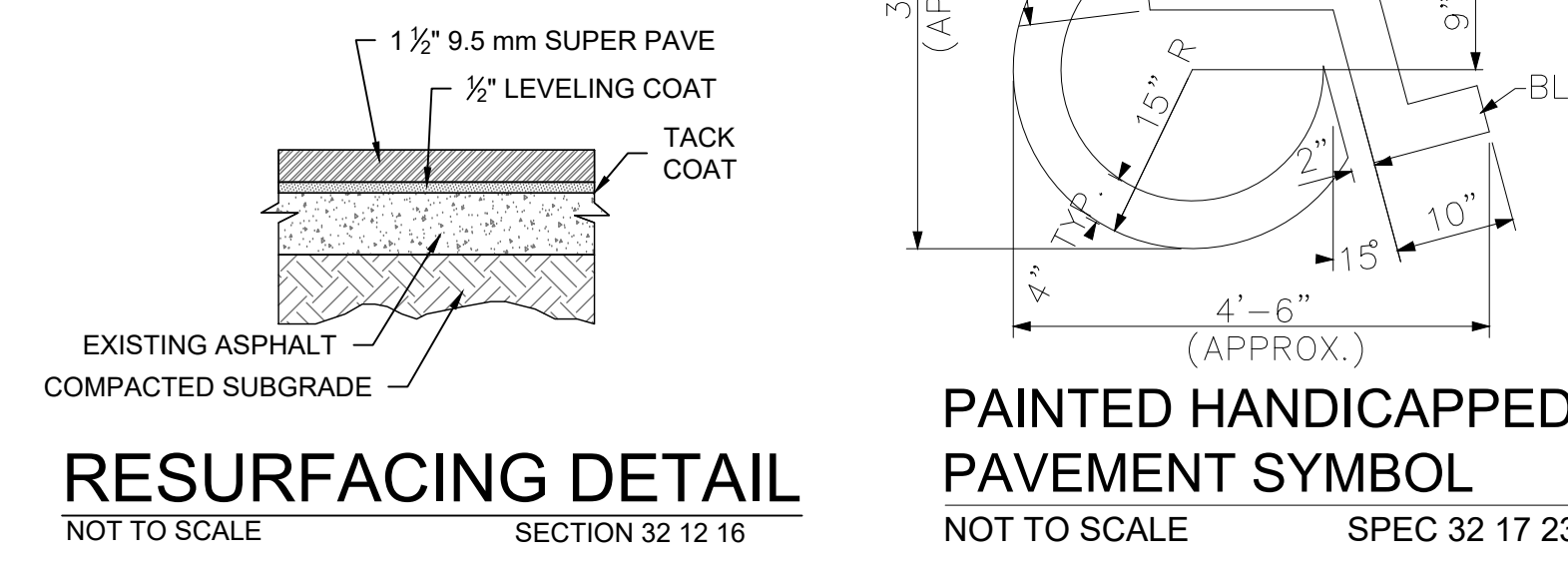
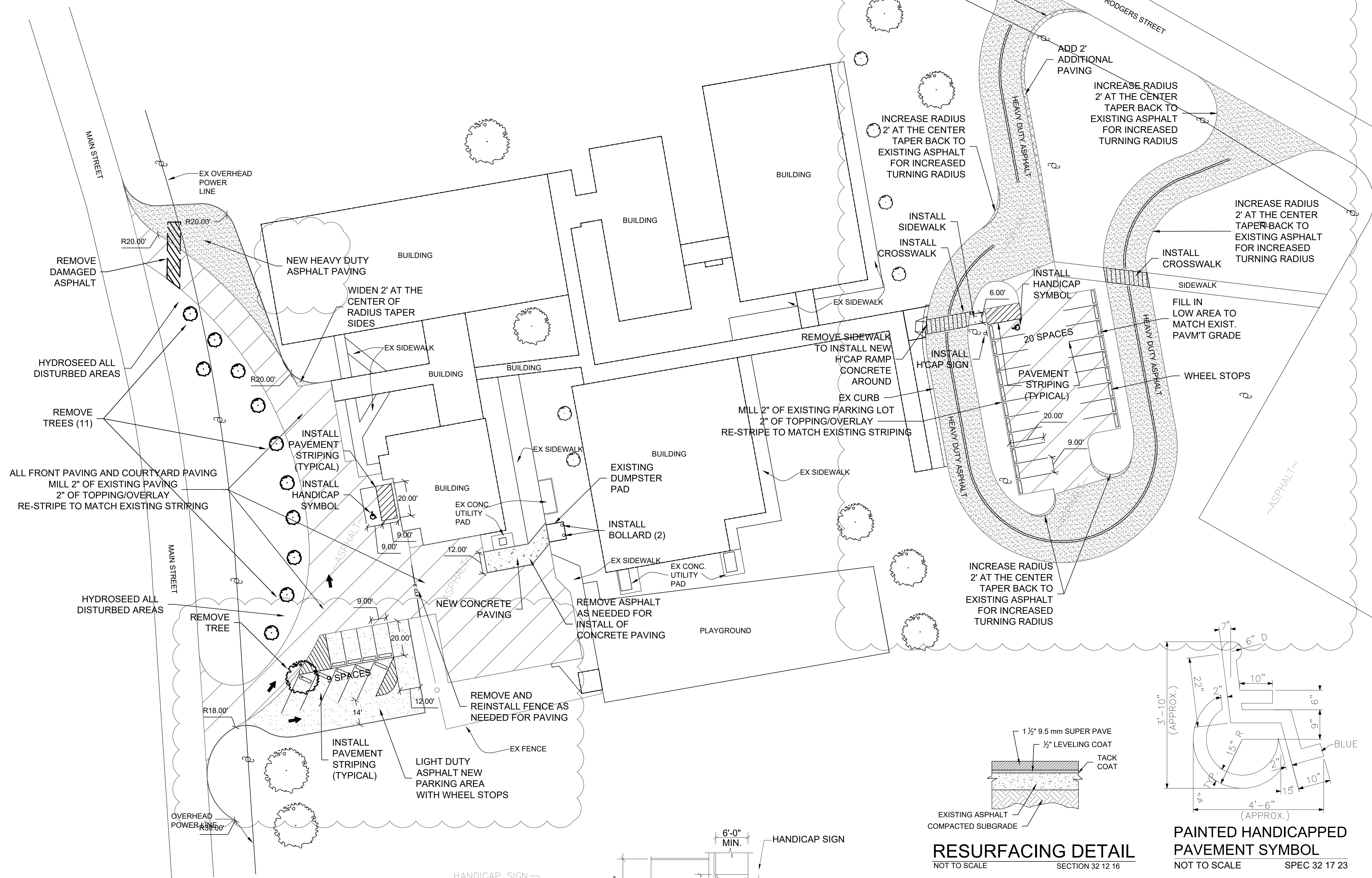
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**Southern A&E**  
architects & engineers  
7951 Troon Circle  
Austell, Ga 30168  
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LLC

PAVING PROJECT:  
**EPHESUS ELEMENTARY SCHOOL**  
24414 GA-100, ROOPVILLE, GA 30170

HEARD COUNTY SCHOOL SYSTEM  
131 EAST COURT SQUARE P.O. BOX 1330 FRANKLIN, GA 30217

DRAWING NUMBER  
**C106**



### RESURFACING DETAIL

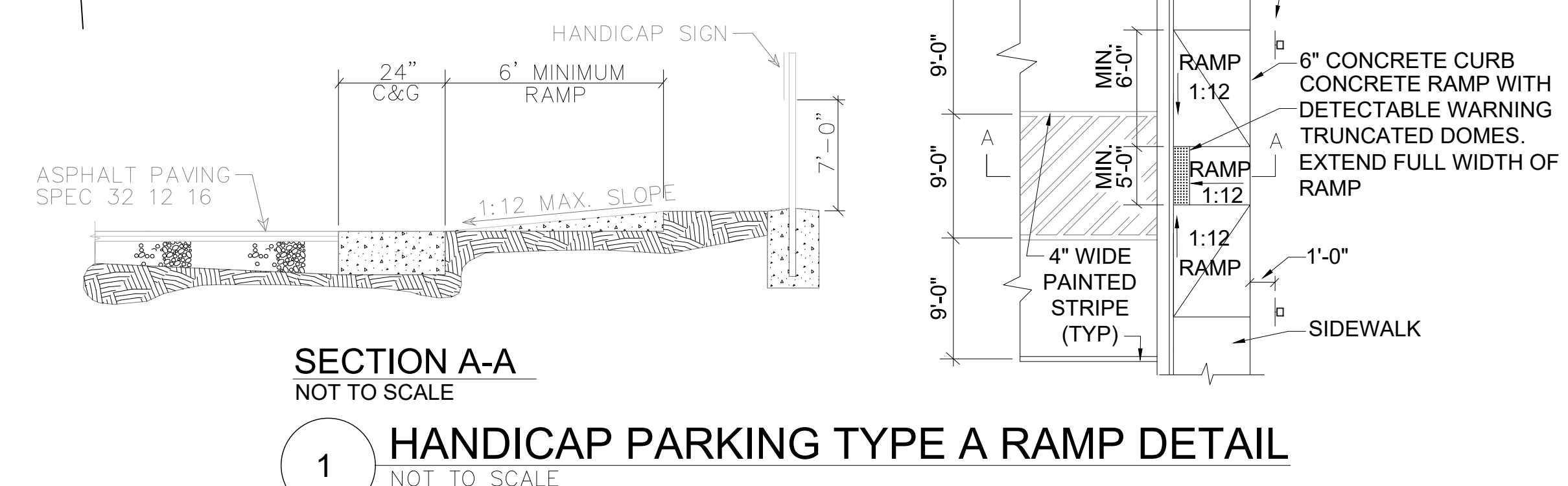
NOT TO SCALE

### PAINTED HANDICAPPED PAVEMENT SYMBOL

NOT TO SCALE

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www.Georgia811.com



### SECTION A-A

NOT TO SCALE

### HANDICAP PARKING TYPE A RAMP DETAIL

NOT TO SCALE



A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N

1

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
STAND ALONE CONSTRUCTION PROJECTS

Project Name: \_\_\_\_\_

SWCD: \_\_\_\_\_

City/County: \_\_\_\_\_

Name & email of person filling out checklist: \_\_\_\_\_

Plan: \_\_\_\_\_

Page # \_\_\_\_\_

Y/N \_\_\_\_\_

C201 Y

1

1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.  
(The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)

C201 Y

2

2 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)

C201 Y

3

3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist.  
(A copy of the written approval by EPD must be attached to the plan for the Plan to be reviewed)

C201 Y

4

4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls

C201 Y

5

5 Provide the name, address, email address, and phone number of primary permittee.

C201 Y

6

6 Note the date and disturbed acreage of the project or phase under construction.

C201 Y

7

7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.

C201 Y

8

8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.

C201 Y

9

9 Description of the nature of construction activity.

C201 Y

10

10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.

C201 Y

11

11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.

C201 Y

12

12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV.A.5 page 15 of the permit.

C201 Y

13

13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV.A.5 page 19 of the permit.

C201 Y

14

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation."  
in accordance with Part IV.A.5 page 25 of the permit.

C201 Y

15

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of westered vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

C201 Y

16

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

C201 Y

17

17 Provide the statement that "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."

C201 Y

Effective January 1, 2019

1

37 Graphic scale and North arrow.

C208 Y

2

38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:  
Map Scale Ground Slope Contour Intervals, ft.  
1 inch = 100ft or larger scale Flat 0 - 2% 0.5 or 1  
Rolling 2 - 8% 1 or 2  
Steep 8% + 2.5 or 10

C208 Y

3

39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at [www.gawsc.org](http://www.gawsc.org)

C202 Y

4

40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition."

C202 Y

5

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Testing Authority. Clearly note and delineate all areas of impact.

C202 Y

6

42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.

C202 Y

7

43 Delineation and acreage of contributing drainage basins on the project site.

C202 Y

8

44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions."

C202 Y

9

45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

C202 Y

10

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.

C202 Y

11

47 Soil series for the project site and their delineation.

C202 Y

12

48 The limits of disturbance for each phase of construction.

C202 Y

13

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

C202 Y

14

50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

C202 Y

15

51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

C202 Y

16

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilization, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.  
\*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the checklist items would be N/A.

C202 Y

10

VICINITY MAP / NO SCALE - SEE ABOVE MAP AND COVER SHEET FOR ADDITIONAL MAPS.

11

-SEE THE HYDROLOGY REPORT'S WATERSHED PLANS FOR RECEIVING WATERS INFORMATION

12

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."  
*Rebecca R. Kirk*  
REBECCA R. KIRK, RLA

13

"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 STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THIS 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 1000001."

14

-THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION.  
-THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE PLAN, EXCEPT WHEN THE PRIMARY PERMITTEE HAS REQUESTED IN WRITING AND EPD HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPs HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITH SEVEN (7) DAYS AFTER THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.  
-THE NOTICE OF INTENT MUST BE FILED WITH THE EPD 14 DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT BECKY KIRK AT SOUTHERN A & E, LLC 770-819-7777, 72-HOURS PRIOR TO THE EPD REQUIRED 7-DAY INSPECTION OF INITIAL EROSION & SEDIMENTATION CONTROL MEASURES.  
-NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.  
-NO BUFFER ENCROACHMENTS WILL OCCUR; NO VARIANCES REQUIRED  
-AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAS A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

18

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. ANY DISPOSAL OF SOLID WASTE TO WATERS OF THE STATE IS PROHIBITED UNLESS AUTHORIZED BY A SECTION 404 PERMIT.

C208 Y

19

WASTE MATERIALS  
ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. ALL WASTE WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

C208 Y

20

HAZARDOUS WASTES  
-ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION OF THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE EROSION FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPROPRIATE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.  
-THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND IN THIS EROSION AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

C208 Y

21

SANITARY WASTES  
-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 DURING EACH WORKDAY. A PORTABLE FACILITY PROVIDER IN COMPLIANCE WITH LOCAL AND STATE REGULATIONS.  
-ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE.  
-ADDITIONAL CONTAINMENT BMPs MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE, BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

C208 Y

22

-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.

C208 Y

23

-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.

C208 Y

24

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

C208 Y

25

-THE CONSTRUCTION ACTIVITY FOR THIS PROJECT \_\_\_\_\_ IS NOT \_\_\_\_\_ WITHIN 1 MILE UPSTREAM FROM A "BIO F" OR BIO M IMPAIRED STREAM SEGMENT. SEE APPENDIX 1 ON SHEET C202.

C208 Y

26

-THE SITE IS GREATER THAN 1 MILE, NO TMDL IMPLEMENTATION PLAN

C208 Y

27

-CONCRETE WASH DOWN AT THIS SITE IS ALLOWED. SEE DETAIL ON SHEET C503.  
WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

C208 Y

28

-CONTRACTOR SHALL BUILD WASH DOWN AT CONSTRUCTION EXIT TO WASH THE CHUTE, HOPPER AND REAR OF VEHICLE. CONTRACTOR SHALL COORDINATE WITH SITE SUPERINTENDENT TO EXCAVATE A PIT DEEP ENOUGH TO CONTAIN THE WASHDOWN WATER. MAKE SURE WASHDOWN WATER GOES INTO AND STAYS IN THE PIT. COORDINATE WITH SITE SUPERINTENDENT TO FILL IN PIT AND SMOOTH OUT GROUND. SEE DETAIL SHEETS FOR WASH DOWN DETAIL.

C208 Y

29

PETROLEUM SPILLS & LEAKS CLEANUP BMPs  
LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL. 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, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST, AND PROPERLY LABELED PLASTIC AND METAL CONTAINERS. SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY, ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS. 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. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITH 24 HOURS AT 1-800-424-8802. FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS 800-241-4115. FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL, WHO PREPARED THIS PLAN IF MORE THAN 120 GALLONS OF PETROLEUM IS STORED ON SITE. THIS INCLUDES CAPACITIES OF EXISTING TANKS OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 60 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

C208 Y

30

THE FOLLOWING MEASURES INSTALLED DURING CONSTRUCTION WILL CONTROL POLLUTANTS AFTER CONSTRUCTION IS COMPLETE.  
PERMANENT NATURAL GRASSING WILL BE INSTALLED AROUND THE PERIMETER OF THE PROJECTS LIMIT OF DISTURBANCE. OUTLET PROTECTION SHALL BE INSTALLED AT THE OUTLET OF THE POND.

C208 Y

31

DESCRIPTION OF PRACTICES TO PROVIDE COVER FOR BUILDING MATERIALS AND BUILDING PRODUCTS ONSITE:  
PLASTIC WILL BE USED COVER MATERIALS SUCH AS CONCRETE BLOCK, BRICK, MORTAR MIX, SAND & GRAVEL. STEEL WILL BE NOT COVERED AND PRODUCTS AND MATERIALS USED BY TRADES SUCH AS ELECTRICIANS AND PLUMBERS WILL BE IN TEMPORARY STORAGE CONTAINERS.

C208 Y

32

DESCRIPTION OF PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN STORM WATER DISCHARGES:  
PRACTICES THAT WILL BE USED INCLUDE MULCHES, LANDSCAPING, PERMANENT VEGETATION INCLUDING GRASSING AND NEW NATURAL AREAS AS WELL AS EXISTING UNDISTURBED NATURAL WOODED AREAS THAT WILL EXIST TO POLISH RUNOFF.

C208 Y

33

START DATE: 12/01/2019 CONSTRUCTION SCHEDULE COMPLETION: 12/01/2020  
WEEKS  
ACTIVITY:  
CONSTRUCTION EXIT  
PHASE 1: EROSION CONTROL MEASURES  
SILT FENCE / DIVERSION DITCHES / INLET TRAPS  
TEMP. SEDIMENT BASIN  
SITE INSPECTION BY SOUTHERN A&E, LLC  
CLEARING & GRUBBING  
CUT & FILL  
STORM DRAINAGE SYSTEM  
UTILITY INSTALLATION  
PHASE 2: EROSION CONTROL MEASURES  
MULCHING / TEMPORARY GRASSING  
INLET TRAPS / SILT FENCE  
CONSTRUCTION  
PHASE 3: EROSION CONTROL MEASURES  
MAINT. OF EROSION CONTROL MEASURES  
STORM SYSTEM CLEANING  
PERMANENT VEGETATION  
LANDSCAPING / FINAL STABILIZATION AND CLEANUP

C208 Y

34

\* NOTE: THE DESIGN PROFESSIONAL (SAE) WHO PREPARED THE PLAN MUST INSPECT THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs IN ACCORDANCE WITH PART V.A.2 OF GAR100001.

C208 Y

29

CONSTRUCTION SEQUENCE/SCHEDULE

C208 Y

1

1. CONTRACTOR TO FILE NOTICE OF INTENT 14 DAYS PRIOR TO THE START OF LAND DISTURBING ACTIVITIES.

C208 Y

2

2. INSTALL CONSTRUCTION ENTRANCE EXIT.

C208 Y

3

3. INSTALL SILT FENCE/TREE PROTECTION FENCE.

C208 Y

4

4. INSTALL SEDIMENT STORAGE COMPLETE WITH ALL SILT FENCE, RIP-RAP SPILLWAYS AND RIP-RAP AT TRAP OUT-FALLS.

C208 Y

5

5. INSTALL MONITORING EQUIPMENT IF APPLICABLE.

C208 Y

6

6. NOTIFY BECKY KIRK AT SOUTHERN A & E, LLC, 72-HRS PRIOR TO THE REQUIRED (7)-DAY INSPECTION, 770-819-7777

C208 Y

7

7. STABILIZE AND SEED SEDIMENT TRAP BERMS, DAMS AND SLOPES.

C208 Y

8

8. INSTALL DIVERSION DITCHES TO DIRECT STORM WATER TO SEDIMENT TRAPS.

C208 Y

9

9. INSTALL CHECK DAMS AND ADDITIONAL SILT FENCES.

C208 Y

10

10. GRADE SITE AND STABILIZE CUT AND FILL SLOPES SEQUENTIALLY AS GRADING PROGRESSES. PROVIDE TEMPORARY SEDIMENT TRAPS OR BASINS AS NEEDED AS GRADING PROGRESSES.

C208 Y

11

11. INSTALL SEDIMENT CONTROL MEASURES AROUND INLETS AND RIP-RAP AT HEADWALLS.

C208 Y

12

12. INSTALL PERMANENT GRASSING ON REMAINDER OF EXPOSED SITE.

C208 Y

13

13. INSPECT AND REPAIR SILT FENCE AND EROSION CONTROL DEVICES DAILY, AFTER EACH RAIN EVENT AT A MINIMUM.

C208 Y

14

14. AT COMPLETION, REMOVE ALL SEDIMENT AND SILT FROM ALL PIPES, STRUCTURES AND PONDS.

C208 Y

15

15. FILE NOTICE OF TERMINATION WITH THE APPROVAL OF SOUTHERN A & E, LLC.

C208 Y

16

Part IV.D.4.a. PERMITTEE REQUIREMENTS.

C208 Y

17

(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 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.

C208 Y

18

(2). MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAYBE 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.

C208 Y

19

(3). CERTIFIED PERSONNEL (PROVIDED BY THE 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 OR ANY 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.

C208 Y

20

(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

C208 Y

21

(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 RECEIVED BY 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).

C208 Y

22

(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.

C208 Y

23

(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 (a) 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.(b), OF THE PERMIT SHALL BE MADE AND RETAINED AT THE DESIGNATED ALTERNATE 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 READY 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 CERTIFICATION 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.

C208 Y

24

4. SAMPLING FREQUENCY  
OUTFALL DIFFERENCE OF UP AND DOWN STREAM BOTH

C208 Y

25

(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 STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.

C208 Y

26

(2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEES 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.

C208 Y

27

(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 AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5" WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING AND OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;  
(c). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (a) (b) ABOVE, IF BMPs IN ANY AREA OF THE SITE THAT DISCHARGE TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGE FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5" 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.a.(b), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED, PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE 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 THE (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 OR ADDUCTION ADDITIONAL SAMPLING OTHER THAN BY (c) ABOVE. NOTE THE 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" AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

C208 Y

31

SAMPLING FREQUENCY - CONTINUED

C208 Y

1

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 STORMWATER 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.

C208 Y

2

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 PERSONEL 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 PERSONEL 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 READY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENTS 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 SHALL BE SUBMITTED ELECTRONICALLY. IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

C208 Y

SA&E PROJECT NUMBER 01-615-056  
BID PACKAGE/PHASING BP-1  
ISSUED FOR CONSTRUCTION 10/15/2019  
Southern A&E LLC  
7951 Troon Circle  
Austell, GA 30168  
(770) 819-7777  
architects & engineers  
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THIS DOCUMENT IS THE PROPERTY OF SOUTHERN A&E, LLC AND SHALL NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN CONSENT FROM SOUTHERN A&E, LLC.  
FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
HEARD COUNTY SCHOOLS  
545 MAIN STREET, FRANKLIN, GA 30217  
HEARD COUNTY SCHOOL SYSTEM  
FRANKLIN, GEORGIA  
EROSION CONTROL NOTES  
DRAWING NUMBER C201







EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN AND COMPREHENSIVE MONITORING PROGRAM

PREDEVELOPED BASIN A  
TOTAL AREA: 2.11 AC  
IMP: 0.40 AC  
UND: 1.71 AC

BEARING	DISTANCE
N 37°30"E	52.06'
S 17°27"W	80.27'
S 20°24"W	94.79'

SITE BENCHMARK: 752.79  
TOP OF BOLT IN MIDDLE OF "MUELLER"

PREDEVELOPED BASIN B  
TOTAL AREA: 4.75 AC  
IMP: 0.58 AC  
UND: 4.17 AC

CERTIFIED PERSON:  
REBECCA R. KIRK, ASLA  
LEVEL II CERTIFIED  
DESIGN PROFESSIONAL  
CERTIFICATION #: 0000011106  
ISSUED: 05/18/2018  
EXPIRES: 05/18/2021

CAUTION:

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. OTHER UTILITIES MAY BE PRESENT BUT NOT SHOWN ON THESE DRAWINGS. THE ARCHITECT & ENGINEER ASSUME NO RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED TO A "LIKE NEW" CONDITION. THE CONTRACTOR SHALL BEAR THE SOLE RESPONSIBILITY FOR ANY LASSES THAT OCCUR FROM DAMAGES TO THE EXISTING UTILITIES.



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 STATE 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 NDPES PERMIT NO. GA 100001."

" I CERTIFY THAT THE RECEIVING WATER(S) OR THE OUTFALL(S) OR A COMBINATION OF RECEIVING WATERS(S) AND OUTFALLS(S) WILL BE MONITORED IN ACCORDANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN."

GENERAL NOTES:

SOIL STABILIZATION SHALL OCCUR WITHIN 14 DAYS ON A GIVEN CONSTRUCTION SITE, AS A WHOLE OR SITE SPECIFIC PORTION, WHEN ACTIVITIES CEASE TEMPORARILY OR PERMANENTLY IN THESE AREAS. (SEE CONSTRUCTION DETAILS FOR DEVICES WHICH MAY BE USED. IF THE 14TH DAY IS PRECLUDED BY ADVERSE WEATHER CONDITIONS, WHICH LIMITS SITE ACCESS OR EQUIPMENT MOBILITY, STABILIZATION SHALL OCCUR AS SOON AS PRACTICABLE. IF CONSTRUCTION ACTIVITIES ARE TO RESUME IN A SITE-SPECIFIC AREA IN LESS THAN 21 DAYS, AFTER DATE OF TEMPORARY CEASE OF WORK, THEN THE 14-DAY LIMIT IS WAIVED. IMMEDIATE STABILIZATION SHALL OCCUR UPON THE 21ST DAY IF NO MAJOR WORK IS OCCURRING IN THE DEFINED AREA. PRESERVATION OF NATURAL VEGETATION SHALL OCCUR THROUGHOUT THE SITE WHERE PRACTICABLE. DATES SHALL BE RECORDED WHEN MAJOR GRADING OCCURS, WHEN ACTIVITIES CEASE TEMPORARILY OR PERMANENTLY, AND WHEN STABILIZATION MEASURES ARE INITIALIZED.

STORM WATER MANAGEMENT:

VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL FOR THE PURPOSE OF PROVIDING A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATERCOURSE. OPERATORS, AS DEFINED IN THE NPDES PERMIT REGULATIONS, ARE RESPONSIBLE FOR THE PROPER INSTALLATION AND TIMELY MAINTENANCE OF STORM WATER MANAGEMENT MEASURES TO KEEP THEM IN GOOD AND EFFECTIVE OPERATING CONDITION UP TO FINAL STABILIZATION AND APPROVAL BY THE DEPARTMENT.

RECEIVING WATERS:

CHATTAHOOCHEE RIVER  
(WARM WATER FISHERIES STREAM)

SAMPLING:

SAMPLING OF OUTFALLS: ONE

MISC.:

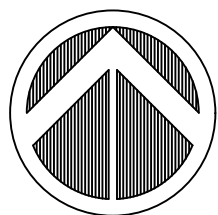
APPENDIX B NTU VALUES: 75  
SURFACE WATER DRAINAGE AREA: 0.01 sq. miles  
CONSTRUCTION TYPE: MUNICIPAL  
WETLAND ACRES: 0.00 ACRES

HYDROGRAPH SUMMARY/RUNOFF REPORT											
BASIN A						SOIL GROUP B					
CN	STORM EVENT (yr)	TC	1	2	5	10	25	50	100		
68	PRE-DEV. FLOW (cfs)	10.0	3.196	4.219	6.059	7.683	10.10	12.06	14.06		
72	POST-DEV. FLOW (cfs)	5.0	2.249	2.868	3.927	4.858	6.214	7.302	8.401		
BASIN B						SOIL GROUP B					
CN	STORM EVENT (yr)	TC	1	2	5	10	25	50	100		
66	PRE-DEV. FLOW (cfs)	10.0	6.258	8.511	12.50	16.04	21.27	25.60	30.03		
83	POST-DEV. FLOW (cfs)	5.0	5.851	7.332	9.864	12.12	15.47	18.36	21.59		

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 7 DAYS SHALL BE STABILIZED WITH FLOCCULATES OR COAGULANTS AND OR MULCH."

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.

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.



SA&E PROJECT NUMBER		01-615-056	
BID PACKAGE/PHASING		BP-1	
ISSUED FOR CONSTRUCTION		10/15/2019	
Southern AE 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects & engineers		REVISIONS	
		R #	Doc # Date
		1	AD3 11-20-2019
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FACILITY CODE NUMBER: 674-0110

GYMNASIUM/AUDITORIUM FOR:

HEARD COUNTY SCHOOLS

545 MAIN STREET, FRANKLIN, GA 30217

HEARD COUNTY SCHOOL SYSTEM  
FRANKLIN, GEORGIA

PRE DEV. WATERSHED PLAN



DRAWING NUMBER

C203



EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN AND COMPREHENSIVE MONITORING PROGRAM

BEARING	DISTANCE
°37'30"E	52.06'
°17'27"W	80.27'
°20'24"W	94.79'

PREDEVELOPED BASIN A  
TOTAL AREA: 2.11 AC  
IMP: 0.40 AC  
UND: 1.71 AC

PREDEVELOPED BASIN B  
TOTAL AREA: 4.75 AC  
IMP: 0.58 AC  
UND: 4.17 AC

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 STATE 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 NDPES PERMIT NO. GA 100001."

" I CERTIFY THAT THE RECEIVING WATER(S) OR THE OUTFALL(S) OR A COMBINATION OF RECEIVING WATERS(S) AND OUTFALLS(S) WILL BE MONITORED IN ACCORDANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN."

GENERAL NOTES:

SOIL STABILIZATION SHALL OCCUR WITHIN 14 DAYS ON A GIVEN CONSTRUCTION SITE, AS A WHOLE OR SITE SPECIFIC PORTION, WHEN ACTIVITIES CEASE TEMPORARILY OR PERMANENTLY IN THESE AREAS. (SEE CONSTRUCTION DETAILS FOR DEVICES WHICH MAY BE USED. IF THE 14TH DAY IS PRECLUDED BY ADVERSE WEATHER CONDITIONS, WHICH LIMITS SITE ACCESS OR EQUIPMENT MOBILITY, STABILIZATION SHALL OCCUR AS SOON AS PRACTICABLE. IF CONSTRUCTION ACTIVITIES ARE TO RESUME IN A SITE-SPECIFIC AREA IN LESS THAN 21 DAYS, AFTER DATE OF TEMPORARY CEASE OF WORK, THEN THE 14-DAY LIMIT IS WAIVED. IMMEDIATE STABILIZATION SHALL OCCUR UPON THE 21ST DAY IF NO MAJOR WORK IS OCCURRING IN THE DEFINED AREA. PRESERVATION OF NATURAL VEGETATION SHALL OCCUR THROUGHOUT THE SITE WHERE PRACTICABLE. DATES SHALL BE RECORDED WHEN MAJOR GRADING OCCURS, WHEN ACTIVITIES CEASE TEMPORARILY OR PERMANENTLY, AND WHEN STABILIZATION MEASURES ARE INITIALIZED.

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RECEIVING WATERS:

CHATTAHOOCHEE RIVER  
(WARM WATER FISHERIES STREAM)

SAMPLING:

SAMPLING OF OUTFALLS: ONE

MISC.:

APPENDIX B NTU VALUES: 75  
SURFACE WATER DRAINAGE AREA: 0.01 sq. miles  
CONSTRUCTION TYPE: MUNICIPAL  
WETLAND ACRES: 0.00 ACRES

HYDROGRAPH SUMMARY/RUNOFF REPORT

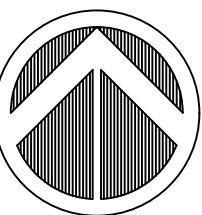
BASIN A		SOIL GROUP B									
CN	STORM EVENT (yr)	TC	1	2	5	10	25	50	100		
68	PRE-DEV. FLOW (cfs)	10.0	3.196	4.219	6.059	7.683	10.10	12.06	14.06		
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BASIN B		SOIL GROUP B									
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EROSION CONTROL MEASURES 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.



SA&E PROJECT NUMBER		01-615-056	
BID PACKAGE/PHASING		BP-1	
ISSUED FOR CONSTRUCTION		10/15/2019	
Southern A&E 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects & engineers		REVISIONS	
		R #	Date
		1	AD3 11-20-2019
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FACILITY CODE NUMBER: 674-0110

GYMNASIUM/AUDITORIUM FOR:

HEARD COUNTY SCHOOLS

545 MAIN STREET, FRANKLIN, GA 30217

HEARD COUNTY SCHOOL SYSTEM  
FRANKLIN, GEORGIA

POST DEV. WATERSHED PLAN



DRAWING NUMBER

C204

CAUTION:

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. OTHER UTILITIES MAY BE PRESENT BUT NOT SHOWN ON THESE DRAWINGS. THE ARCHITECT & ENGINEER ASSUME NO RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED TO A "LIKE NEW" CONDITION. THE CONTRACTOR SHALL BEAR THE SOLE RESPONSIBILITY FOR ANY LASSES THAT OCCUR FROM DAMAGES TO THE EXISTING UTILITIES.

CERTIFIED PERSON:  
REBECCA R. KIRK, ASLA  
LEVEL II CERTIFIED  
DESIGN PROFESSIONAL  
CERTIFICATION #: 0000011106  
ISSUED: 05/18/2018  
EXPIRES: 05/18/2021



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and in Georgia it's the law.  
811 or 1-800-282-7411  
www.Georgia811.com



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SUBMIT ONLINE SAMPLE NOTICE OF INTENT

Facility Information

Facility Name: \_\_\_\_\_ Mailing Address 2: \_\_\_\_\_  
Mailing Address 1: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
County: \_\_\_\_\_ City: \_\_\_\_\_ State: GA \_\_\_\_\_  
Facility/Property Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
County: \_\_\_\_\_ City: \_\_\_\_\_ State: GA \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

PRIMARY PERMITTEE

NOTICE OF INTENT

☐ Initial Notification ☐ Re-issuance Notification ☐ Change of Information  
☐ Change of Owner/Operator/Formerly Known As: \_\_\_\_\_

I. SITE/OWNER/OPERATOR INFORMATION

Facility Ownership Type: See Figure 1 for options: \_\_\_\_\_  
Counties included in the project: \_\_\_\_\_  
B. GPS Locations of the Beginning and End of the Infrastructure Project:  
Beginning Latitude: \_\_\_\_\_ Beginning Longitude: \_\_\_\_\_  
End Latitude: \_\_\_\_\_ End Longitude: \_\_\_\_\_  
Owner's Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Email Address: \_\_\_\_\_ Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: GA \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Duty Authorized Representative(s): \_\_\_\_\_ Phone: \_\_\_\_\_  
Email Address: \_\_\_\_\_  
Operator's Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Email Address: \_\_\_\_\_ Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: GA \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Facility/Construction Site Contact: \_\_\_\_\_ Phone: \_\_\_\_\_  
Email Address: \_\_\_\_\_

Figure 1

II. CONSTRUCTION SITE ACTIVITY INFORMATION AND FEE CALCULATIONS

Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_  
Regulated by a certified Local Issuing Authority (LIA): ☐ Yes ☐ No  
Name of Local Issuing Authority: \_\_\_\_\_  
Is this an Agricultural Building? (ex. chicken house): ☐ Yes ☐ No  
Is this a public water system reservoir? ☐ Yes ☐ No  
Is this project regulated by the Public Service Commission (PSC)? (ex. Electricity, natural gas, telecom, pipeline): ☐ Yes ☐ No  
Is this project under the direct supervision of the Natural Resource Conservation Service (NRCS)? ☐ Yes ☐ No  
Is this a construction and/or maintenance project undertaken and/or financed in whole or in part by the Department of Transportation, The Georgia Highway Authority, or the State Road and Tollway Authority? ☐ Yes ☐ No  
Is this a road construction and/or road maintenance project (including sidewalks, bike routes, multi-use paths or trails)? ☐ Yes ☐ No  
☐ Acres Disturbed (to the nearest tenth (1/10th) acre) \_\_\_\_\_ X \$40/acre = \_\_\_\_\_  
Regulated by a certified Local Issuing Authority

1 OF 2

- HOW TO SUBMIT THIS NOTIFICATION
1. Complete this form (print or type) and sign. Please retain a copy of the completed and signed form for your records.
  2. Mail the signed copy with the applicable attachments to the appropriate EPD District Office (mailing addresses listed on Pages 8-9). Do not send checks/money orders to the EPD District Offices.
  3. If fees are required, sign a second copy of this completed form. **DO NOT MAIL CASH.** Make check/money order payable to: **Department of Natural Resources - EPD.**
  4. Mail the check/money order with the second copy of the completed and signed form to:

EPD - Construction Land Disturbance Fees  
P.O. Box 932858  
Atlanta, GA 31193-2858

INSTRUCTIONS

NOTICE OF INTENT - PRIMARY PERMITTEE

For Coverage Under the 2013 Re-Issuance of the NPDES General Permits To Discharge Storm Water Associated With Construction Activity

—THESE PERMITS EXPIRE JULY 31, 2018—

Electronic submittal is now available - To submit this Notice of Intent electronically please go to:  
<https://geos.epd.georgia.gov/GA/GEOS/Public/GovEnt/Shared/Pages/Main/Login.aspx>  
For instructions on how to do this, please go to:  
<https://epd.georgia.gov/geos/documents/construction-stormwater-instructions>

Please print or type the Notice of Intent (NOI) form. Any NOI that contains illegible or incomplete information will not be accepted, will be returned and the construction site will not be granted Permit coverage. All information requested on the NOI must be submitted in order for the NOI to be valid. Any information requested on the NOI that is not applicable to the primary permittee or to the construction site must be marked "N/A." Please do not leave any sections blank in the NOI.

**Who must file a Notice of Intent Form -** The Owner and/or Operator of a facility/construction site that has a discharge of storm water where construction activities occur must apply for a National Pollutant Discharge Elimination System (NPDES) Permit. The Georgia Environmental Protection Division (EPD) re-issued the General NPDES Permits for Storm Water Discharges Associated with Construction Activity on September 24, 2013. The Permits are available for review at the EPD District Offices and on the EPD website, [geos.epd.georgia.gov](http://geos.epd.georgia.gov). It is highly recommended that the permittees read and understand the terms and conditions of the Permits prior to submitting a NOI. Please contact the appropriate EPD District Office as listed on the following pages for assistance in completing the NOI.

**Where to file a Notice of Intent Form -** The NOI and the attachments, as applicable, must be submitted to the appropriate EPD District Office as listed on the following pages. Please submit only the first four pages of this document with the applicable attachments.

TOTAL FEE SUBMITTED = \_\_\_\_\_

Does the Erosion, Sedimentation and Pollution Control Plan (Plan) provide for disturbing more than 50 acres at any one time for each individual permittee (i.e., primary, secondary or tertiary permittees), or more than 50 contiguous acres total at any one time?

☐ YES - \_\_\_\_\_ Date of EPD Written Authorization

☐ NO

☐ N/A - If construction activities are covered under the General NPDES Permit No. GARR00002 for infrastructure construction projects

Construction Activity Type:

☐ Commercial ☐ Industrial ☐ Municipal/Institutional ☐ Mixed Use  
☐ Water Quality/Aquatic Habitat Restoration ☐ Linear ☐ Utility ☐ Residential  
☐ Agricultural Buildings ☐ Other: \_\_\_\_\_

III. RECEIVING WATER INFORMATION

A. Name of Initial Receiving Water(s): \_\_\_\_\_  
☐ Trout Stream ☐ Water Supporting Warm Water Fisheries

B. Name of MS4 Receiving Waters: \_\_\_\_\_  
☐ N/A ☐ Trout Stream ☐ Water Supporting Warm Water Fisheries

C. Sampling of Receiving Stream(s): \_\_\_\_\_  
☐ Trout Stream (Δ 10 NTU) ☐ Water Supporting Warm Water Fisheries (Δ 25 NTU)

D. Sampling of Outfall(s): \_\_\_\_\_  
☐ N/A ☐ Trout Stream ☐ Water Supporting Warm Water Fisheries

A summary chart (if applicable) delineating the following information for each outfall must be attached:

Number of Sampling Outfalls: \_\_\_\_\_ Construction Site Size (acres): \_\_\_\_\_  
Appendix B NTU Value: \_\_\_\_\_ Surface Water Drainage Area (square miles): \_\_\_\_\_

E. Does the facility/construction site discharge storm water into an Impaired Stream Segment, or within one (1) linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment identified as "not supporting" its designated use(s), as shown on Georgia's most current "303(b)(303)(d) List Documents (Final)" issued for the criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), when Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff)?

☐ No ☐ Yes, Name of Impaired Stream Segment(s): \_\_\_\_\_

F. Does the facility/construction site discharge storm water into an Impaired Stream Segment where a Total Maximum Daily Load (TMDL) Implementation Plan for "sediment" was finalized at least six (6) months prior to the submittal of the Initial NOI?

☐ No ☐ Yes, Name of Impaired Stream Segment(s): \_\_\_\_\_

2 OF 2

**Section I - Site/Owner/Operator Information**

The construction site name and location information (i.e., GPS location of construction exit, street address, city, county) must be sufficient to accurately locate the construction site. If the construction site does not have a street address, please provide sufficient information to accurately locate the construction site. If additional space is needed, attach the location information to the NOI.

A duly authorized representative may be either a named individual or any individual occupying a named position that the primary permittee has authorized to sign certification statements, inspection reports, sampling reports or other reports requested by EPD.

The facility/construction site contact is the person who the primary permittee has assigned the responsibility for the daily on-site operational control.

Please do not leave any blanks in this section. Any information requested on the NOI that is not applicable to the primary permittee or to the construction site must be mark "N/A."

**Section II - Construction Site Activity Information and Fee Calculations**

The Primary Permittee is solely responsible for the payment of fees for all **planned** land disturbing activities, including all land disturbing activities within a common development planned by the Secondary Permittees and/or Tertiary Permittees. Estimated disturbed acreage is the total number of acres, to nearest tenth (1/10<sup>th</sup>) acre. Only the Primary Permittee is responsible for paying the NPDES General Permit fees.

If the Primary Permittee has already paid the applicable fees, the Primary Permittee does not pay any additional NPDES General Permit fees, unless the scope of work covered under the NPDES General Permit so paid for is increased.

For land disturbing activities submitting an Initial Notice of Intent in an area with no certified Local Issuing Authority **OR** for land disturbing activities not regulated by a certified Local Issuing Authority, the Primary Permittee shall pay a fee of **\$40 per acre disturbed** to EPD (to the nearest tenth (1/10<sup>th</sup>) acre).

- Land disturbing activities not regulated by a certified Local Issuing Authority include, but are not limited to:
- Construction of public water system reservoirs.
  - Land disturbing activities conducted by any electric membership corporation or municipal electrical system or any public under the regulatory jurisdiction of the Public Service Commission, any utility under the regulatory jurisdiction of the Federal Energy Regulatory Commission, any cable television system as defined in O.C.G.A. §36-18-1, or any agency or instrumentality of the United States engaged in the generation, transmission or distribution power, except when the project is located within a common development as described in the NPDES General Permits.
  - Construction of agricultural buildings (e.g., barns, poultry houses).
  - Construction or maintenance projects undertaken or financed by the Department of Transportation, the Georgia Highway Authority, the State Road and Tollway Authority, or any county or municipality, except when the Department of Transportation, the Georgia Highway Authority or the State Road and Tollway Authority is a Secondary Permittee within a common development.
  - Projects carried out under the technical supervision of the Natural Resources Conservation Service of the United States Department of Agriculture.
- For land disturbing activities submitting an Initial Notice of Intent regulated by a certified Local Issuing Authority, the Primary Permittee shall pay a fee of **\$40 per acre disturbed** to EPD and a fee of **\$40 per acre disturbed** to the Local Issuing Authority (to the nearest tenth (1/10<sup>th</sup>) acre). Payments to the Local Issuing Authority should be made in the manner specified by the Local Issuing Authority and should not be submitted to EPD. The NPDES General Permit fees are in **addition** to any local land disturbing activity fees that are required by the Local Issuing Authority.
- Make check/money orders payable to: **Department of Natural Resources - EPD**
- Please do not leave any blanks in this section. Any information requested on the NOI that is not applicable to the primary permittee or to the construction site must be mark "N/A."

**Section III - Receiving Water Information**

"Trout Streams" are waters of the State classified as either primary trout waters or secondary trout waters, as designated in the Rules and Regulations for Water Quality Control, Chapter 391-3-46 at [ed.epd.georgia.gov](http://ed.epd.georgia.gov). "Water Supporting Warm Water Fisheries" are all waters of the State that sustain, or have the potential to sustain, aquatic life but exclude "Trout Streams."

If the facility/construction site discharges storm water directly or indirectly to the receiving water(s), and not through a municipal separate storm sewer system (MS4), enter the name of the receiving water(s) and indicate whether the water(s) is a trout stream or a warm water fisheries stream. Attach a written description and location map identifying the receiving water(s).

If the facility/construction site discharges storm water to a municipal separate storm sewer system (MS4), enter the name of the owner/operator of the MS4 (e.g., city name or county name) and the name of the receiving water(s) at the point of discharge from the MS4. A MS4 is defined as a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains) that is owned and/or operated by a city or county which is designed or used for collecting or conveying storm water. It may be necessary to contact the city or county that owns and/or operates the MS4 to determine the name of the receiving water(s). Indicate whether the receiving water(s) is a trout stream or a warm water fisheries stream. Attach a written description and location map identifying the receiving water(s).

Any permittee who intends to obtain coverage under the Permits for storm water discharges associated with construction activity into an Impaired Stream Segment, or within one (1) linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment identified as "not supporting" its designated use(s), as shown on Georgia's most current "303(b)(303)(d) List Documents (Final)" at the time of NOI submittal, must satisfy the requirements of Part III.C. of the Permits if the Impaired Stream Segment has been listed for criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff). Those discharges that are located within one (1) linear mile of an Impaired Stream Segment, but are not located within the watershed of any portion of that stream segment, are excluded from this requirement. Georgia's 2012 and subsequent 305(b)(303)(d) List Documents (Final)" can be viewed on the EPD website, <http://ed.epd.georgia.gov/geos/305b303d-list-documents>. Attach a written description and location map identifying the Impaired Stream Segment(s).

If a Total Maximum Daily Load (TMDL) Implementation Plan for sediment has been finalized at least six (6) months prior to the permittee's submittal of the Initial NOI, the Erosion, Sedimentation and Pollution Control Plan (Plan) must address any site-specific conditions or requirements included in the TMDL Implementation Plan that are applicable to the permittee's discharge(s) to the Impaired Stream Segment within the timeframe specified in the TMDL Implementation Plan. If the TMDL Implementation Plan establishes a specific numeric watershed allocation that applies to the permittee's discharge(s) to the Impaired Stream Segment, then the permittee must incorporate that allocation into the Erosion, Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation. A list of TMDL Implementation Plans can be viewed on the EPD website, <http://ed.epd.georgia.gov/total-maximum-daily-loadplans>.

Please do not leave any blanks in this section. Any information requested on the NOI that is not applicable to the primary permittee or to the construction site must be mark "N/A."

**Section V - Certifications**

The owner and/or operator must sign the Notice of Intent and check the certification statements on the lines provided. Federal and State statutes provide specific requirements as to who is authorized to sign the Notice of Intent forms. A Notice of Intent form signed by an unauthorized person will not be valid. Please be aware that Federal and State statutes provide for severe penalties for submitting false information on this Notice of Intent form. Federal and State regulations require that the Notice of Intent form be signed as follows:

- For a corporation, by a responsible corporate officer;
- For a partnership or sole proprietorship, by a general partner or the proprietor; and
- For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.

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- For a corporation, by a responsible corporate officer;
- For a partnership or sole proprietorship, by a general partner or the proprietor; and
- For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.

**E. For facilities/construction sites located in the following counties:** Bartow, Catocosa, Chattooga, Cherokee, Cobb, Dade, Dawson, Fannin, Floyd, Forsyth, Gilmer, Gordon, Habersham, Haralson, Lumpkin, Murray, Paulding, Pickens, Pike, Rabun, Towns, Union, Walker, White, Whitfield

Information shall be submitted to: Mountain District - Atlanta Satellite Georgia Environmental Protection Division 4244 International Parkway, Suite 114 Atlanta, GA 30304-3909 (404) 362-2671

**GEORGIA EPD DISTRICT OFFICES**

All required correspondence, including but not limited to Notices of Intent, Notices of Termination, Erosion, Sedimentation and Pollution Control Plans, sampling reports and any other reports shall be sent to the following EPD District Offices:

**A. For facilities/construction sites located in the following counties:** Bibb, Blackley, Chattahoochee, Crawford, Dooly, Harris, Houston, Jones, Lamar, Macon, Marion, Meriwether, Monroe, Muscogee, Peach, Pike, Plaskan, Schley, Talbot, Taylor, Troup, Twiggs, Upson

Information shall be submitted to: West Central District Office Georgia Environmental Protection Division 2840 Shurling Drive Macon, GA 31211-3576 (478) 751-6612

**B. For facilities/construction sites located in the following counties:** Burke, Columbia, Emanuel, Glascock, Jefferson, Jenkins, Johnson, Laurens, McDuffie, Montgomery, Richmond, Screven, Treutlen, Warren, Washington, Wheeler, Wilkinson

Information shall be submitted to: East Central District Office Georgia Environmental Protection Division 3525 Walton Way Extension Augusta, GA 30909-1921 (706) 667-4343

**C. For facilities/construction sites located in the following counties:** Baldwin, Banks, Barrow, Bulks, Clarke, Elbert, Franklin, Greene, Hall, Hancock, Hart, Jackson, Jasper, Lincoln, Madison, Morgan, Newton, Oconee, Oglethorpe, Putnam, Stephens, Taliaferro, Walton, Wilkes

Information shall be submitted to: Northeast District Office Georgia Environmental Protection Division 745 Gaines School Road Athens, GA 30605-3129 (706) 369-6376

**D. For facilities/construction sites located in the following counties:** Carroll, Clayton, Coweta, DeKalb, Douglas, Fayette, Fulton, Gwinnett, Heard, Henry, Rockdale, Spalding

Information shall be submitted to: Mountain District - Atlanta Satellite Georgia Environmental Protection Division 4244 International Parkway, Suite 114 Atlanta, GA 30304-3909 (404) 362-2671

**E. For facilities/construction sites located in the following counties:** Bartow, Catocosa, Chattooga, Cherokee, Cobb, Dade, Dawson, Fannin, Floyd, Forsyth, Gilmer, Gordon, Habersham, Haralson, Lumpkin, Murray, Paulding, Pickens, Pike, Rabun, Towns, Union, Walker, White, Whitfield

Information shall be submitted to: Mountain District - Atlanta Satellite Georgia Environmental Protection Division P.O. Box 3250 Cartersville, GA 30120-1705 (770) 387-4500

**F. For facilities/construction sites located in the following counties:** Appling, Atkinson, Bacon, Brantley, Bryan, Bulloch, Camden, Candler, Charlton, Chatham, Clinch, Coffee, Effingham, Evans, Glynn, Jeff Davis, Liberty, Long, McIntosh, Pierce, Tattnall, Thomas, Ware, Wayne

Information shall be submitted to: Coastal District - Brunswick Office Georgia Environmental Protection Division 400 Commerce Center Drive Brunswick, GA 31523-9921 (912) 294-7284

**G. For facilities/construction sites located in the following counties:** Baker, Ben Hill, Berrien, Brooks, Calhoun, Clay, Colquitt, Cook, Crisp, Decatur, Dodge, Dougherty, Early, Echols, Grady, Irwin, Lanier, Lee, Lowndes, Miller, Mitchell, Quitman, Randolph, Seminole, Stewart, Sumter, Telfair, Terrell, Thomas, Tift, Turner, Webster, Wilcox, Worth

Information shall be submitted to: Southwest District Office Georgia Environmental Protection Division 2024 Newton Road Albany, GA 31701-3576 (229) 430-4144

SA&E PROJECT NUMBER **01-615-056**

BID PACKAGE/PHASING **BP-1**

ISSUED FOR CONSTRUCTION **10/15/2019**

REVISIONS

R #	Doc #	Date

**Southern A&E** architects & engineers

7951 Troon Circle  
Austell, Ga 30168  
(770) 819-7777

LLC

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FACILITY CODE NUMBER: 674-0110

GYMNASIUM/AUDITORIUM FOR:

**HEARD COUNTY SCHOOLS**

545 MAIN STREET, FRANKLIN, GA 30217

**HEARD COUNTY SCHOOL SYSTEM**

FRANKLIN, GEORGIA

**NOI INFORMATION**

Not to Scale

DRAWING NUMBER

**C205**

STATE OF GEORGIA  
GREGORY SCHWABER  
REGISTERED ARCHITECT

GEORGIA  
REGISTERED  
ARCHITECT  
REBECCA REAGAN



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RING	DISTANCE
30"E	52.06'
27"W	80.27'
24"W	94.79'

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.


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

"THIS SHEET IS TO BE USED FOR SEDIMENT AND EROSION CONTROL ONLY"



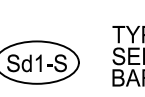
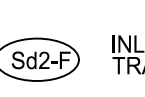
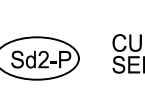
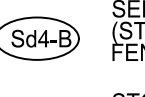







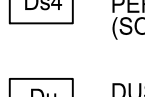

CERTIFIED PERSON:  
REBECCA R. KIRK, ASLA  
LEVEL II CERTIFIED  
DESIGN PROFESSIONAL  
CERTIFICATION #: 0000011106  
ISSUED: 05/18/2018  
EXPIRES: 05/18/2021

**CAUTION:**

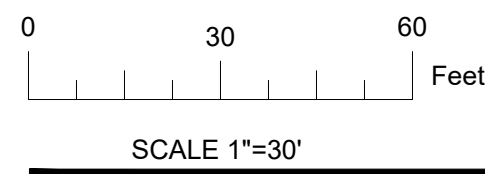
THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. OTHER UTILITIES MAY BE PRESENT BUT NOT SHOWN ON THESE DRAWINGS. THE ARCHITECT & ENGINEER ASSUME NO RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED TO A "LIKE NEW" CONDITION. THE CONTRACTOR SHALL BEAR THE SOLE RESPONSIBILITY FOR ANY LASSES THAT OCCUR FROM DAMAGES TO THE EXISTING UTILITIES.



Know what's below.  
Call before you dig.  
**Dial 811.**  
GEORGIA  
Safe digging is a  
SHARED responsibility,  
and in Georgia it's the law.  
811 or 1-800-282-7411  
www.Georgia811.com

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN LEGEND		
	CHECK DAM	SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW.
	CONSTRUCTION EXIT	A STONE PAD AT THE SITE EXIT TO REMOVE MUD FROM TIRES. (STONE SIZE: 1 1/2" X 3 1/2" DIA. THICKNESS: 4" SEE DETAIL.)
	TYPE S SEDIMENT BARRIER	SEDIMENT BARRIER SHALL HAVE SUPPORTS NO GREATER THAN 4" O.C. P-FACTOR NO GREATER THAN 0.03. (GEORGIA D.O.T. TYPE-C SILT FENCE - SEE DETAIL). GSWCC - SENSITIVE AREA SILT FENCE.
	INLET SEDIMENT TRAP	TYPE C SILT FENCE SUPPORTED BY STEEL POSTS SHALL BE USED. THE STAKES SHALL BE SPACED EQUALLY AROUND THE PERIMETER OF THE INLET A MAX. OF 3 FEET APART AND SECURELY DRIVEN INTO THE GROUND, APPROX. 18" DEEP. THE FABRIC SHALL BE ENRICHED 12" AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
	CURB INLET SEDIMENT TRAP	A CURB INLET FILTER AFTER PAVING HAS BEEN INSTALLED. METHOD SHALL BE "PUSH-IN" BLANKET OR 607 STONE GRAVEL BAGS WRAPPED WITH FILTER FABRIC, WIRE, OR PLASTIC MESH. SEE DETAIL.
	SEDIMENT TRAP (STRAW BALE/SILT FENCE)	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 ACRE. THE SILT FENCE AND STRAW BALE OUTLET RELIES ON FILTERING THROUGH LAYERS OF AGGREGATE, RIPRAP TO DEWATER THE SEDIMENT TRAP. LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Ss4-B.
	STORM DRAIN OUTLET PROTECTION	PAVED AND/OR RIPRAPPED CHANNEL SECTIONS BELOW A STORM DRAIN OUTLET. THE LENGTH AND THE WIDTH OF THE APRON SHALL BE DETERMINED FROM DETAIL.
	DISTURBED AREA STABILIZATION, TEMPORARY (MULCHING ONLY)	MULCHING OF WOOD WASTE GRINDINGS, CHIPS, AND BARK AS TEMPORARY PROTECTION FOR DISTURBED AREAS. WOOD WASTE CAN BE USED ON SLOPES FLATTER THAN 3:1 WITHOUT ANCHORING AT DEPTH OF (MULCHING ONLY) 2" TO 3" OR RATE OF 8 TO 9 TON/ACRE.
	DISTURBED AREA STABILIZATION, TEMPORARY	ANNUAL RYEGRASS 40 LBS./ACRE, FERTILIZE AT 500 LBS./ACRE, 10-10-10, LIME RATE AT 50 LBS./1000 S.F.
	DISTURBED AREA STABILIZATION, PERMANENT	COMMON HULLED BERMUDA SEED AT 10 LBS./ACRE AND 1500 LBS./ACRE OF 6-12-12 FERTILIZER, APPLY LIME AT A RATE OF 1 TON/ACRE.
	DISTURBED AREA STABILIZATION, PERMANENT (SEEDING)	A PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY ERODIBLE OR CRITICALLY ERODED LANDS.
	DUST CONTROL	CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS AND DEMOLITION SITES.
	SLOPE STABILIZATION	REOPS - LONG TERM BLANKET CONSISTING OF 100% CURLED WOOD BLANKET ON SLOPES TO PREVENT EROSION AND SLOW WATER FLOW TO STABILIZE SOILS. (EXCELSIOR EROSION CONTROL BLANKET)
	FLOCCULANTS AND COAGULANTS	FLOCCULANTS AND COAGULANTS ARE FORMULATED TO ASSIST IN THE SOLID/LIQUID SEPARATION OF SUSPENDED PARTICLES IN SOLUTION. APPLICATION RATES SHALL CONFORM TO MANUFACTURER'S GUIDELINES FOR APPLICATION. ONLY ANIONIC FORM OF Fl-Co SHALL BE USED.
	MONITORING LOCATION	SAMPLING LOCATION TO MONITOR THE STORM WATER FOR TURBIDITY.

LARGE SIGN PER APPENDIX 1 SHEET C202 d.  
STABILIZE AREAS PER APPENDIX 1 SHEET C202 e.



SA&E PROJECT NUMBER		01-615-056	
BID PACKAGE/PHASING		BP-1	
ISSUED FOR CONSTRUCTION		10/15/2019	
<b>Southern A&amp;E</b> architects & engineers 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 LLC		REVISIONS	
		R #	Doc # Date
		1	AD3 11-20-2019
		2	COP1 02-17-2020

FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

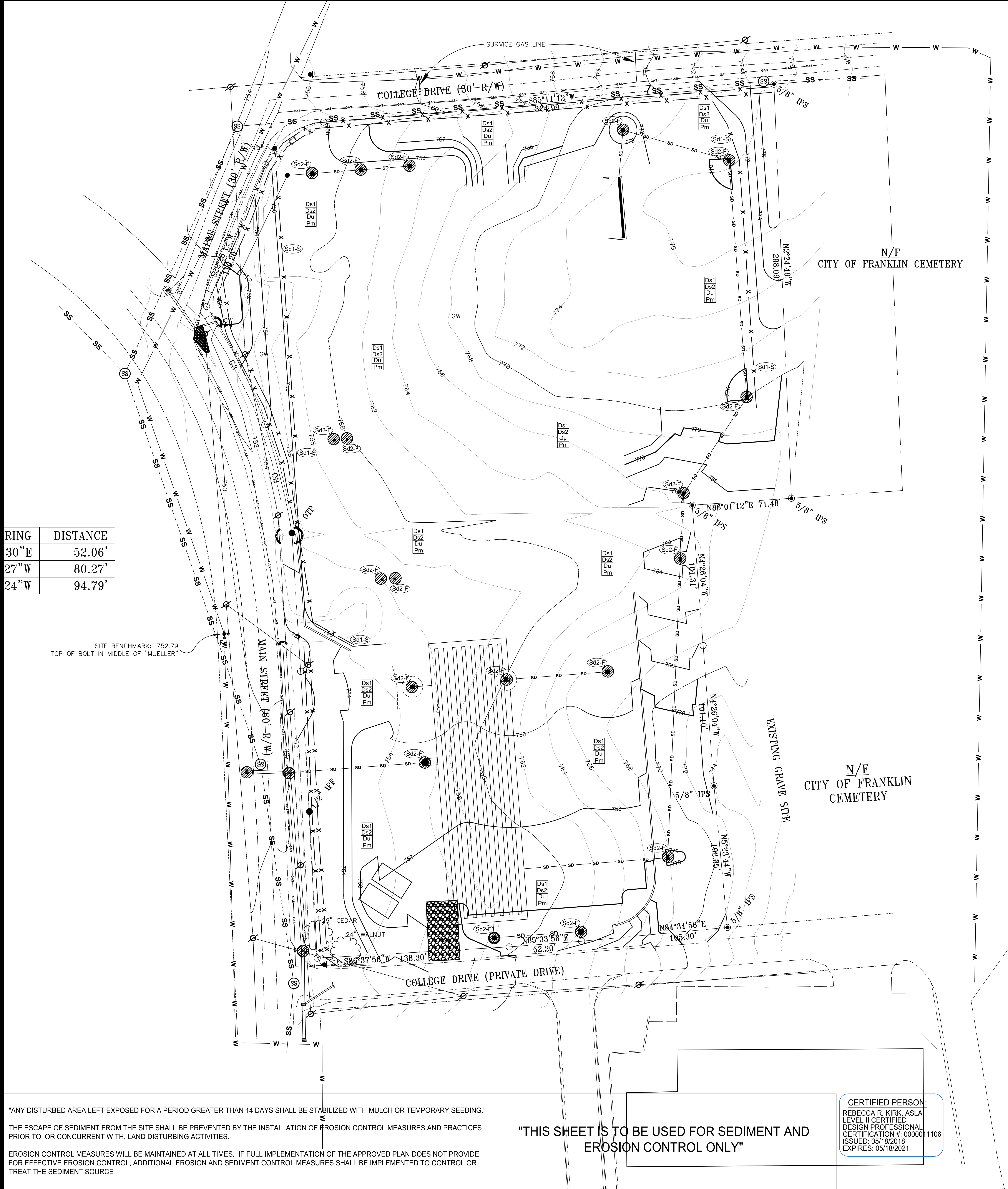
EROSION CONTROL PLAN PHASE I



DRAWING NUMBER  
**C206**



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RING	DISTANCE
30"E	52.06'
27"W	80.27'
24"W	94.79'

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

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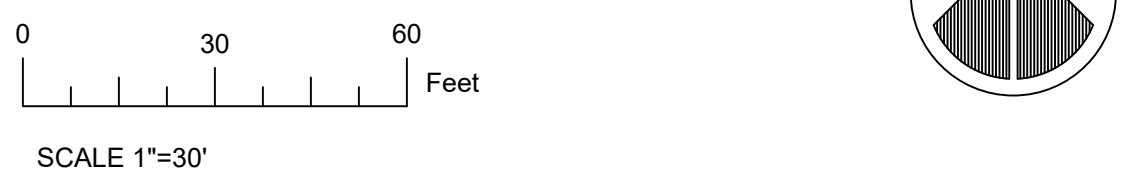
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE

"THIS SHEET IS TO BE USED FOR SEDIMENT AND EROSION CONTROL ONLY"

CERTIFIED PERSON:  
REBECCA R. KIRK, ASLA  
LEVEL II CERTIFIED  
DESIGN PROFESSIONAL  
CERTIFICATION #: 0000011106  
ISSUED: 05/18/2018  
EXPIRES: 05/18/2021

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN LEGEND		
	CHECK DAM	SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW.
	CONSTRUCTION EXIT	A STONE PAD AT THE SITE EXIT TO REMOVE MUD FROM TIRES. (STONE SIZE: 1 1/2" X 3 1/2" DIA. THICKNESS: 4" SEE DETAIL)
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	INLET SEDIMENT TRAP	TYPE C SILT FENCE SUPPORTED BY STEEL POSTS SHALL BE USED. THE STAKES SHALL BE SPACED EQUALLY AROUND THE PERIMETER OF THE INLET A MAX. OF 3 FEET APART AND SECURELY DRIVEN INTO THE GROUND, APPROX. 18" DEEP. THE FABRIC SHALL BE ENRICHED 12" AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
	CURB INLET SEDIMENT TRAP	A CURB INLET FILTER AFTER PAVING HAS BEEN INSTALLED. METHOD SHALL BE "PUSH-IN" BLANKET OR 60" STONE GRAVEL BAGS WRAPPED WITH FILTER FABRIC, WIRE, OR PLASTIC MESH. SEE DETAIL.
	SEDIMENT TRAP	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 ACRE. THE SILT FENCE AND STRAW BALE OUTLET RELIES ON FILTERING THROUGH LAYERS OF AGGREGATE, RIPRAP TO DEWATER THE SEDIMENT TRAP. LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Sd4-B.
	STORM DRAIN OUTLET PROTECTION	PAVED AND/OR RIPRAPPED CHANNEL SECTIONS BELOW A STORM DRAIN OUTLET. THE LENGTH AND THE WIDTH OF THE APRON SHALL BE DETERMINED FROM DETAIL.
	DISTURBED AREA STABILIZATION, TEMPORARY	MULCHING OF WOOD WASTE GRINDINGS, CHIPS, AND BARK AS TEMPORARY PROTECTION FOR DISTURBED AREAS. WOOD WASTE CAN BE USED ON SLOPES FLATTER THAN 3:1 WITHOUT ANCHORING AT DEPTH OF (MULCHING ONLY) 2" TO 3" OR RATE OF 8 TO 9 TON/ACRE.
	DISTURBED AREA STABILIZATION, TEMPORARY	ANNUAL RYEGRASS 40 LBS./ACRE, FERTILIZE AT 500 LBS./ACRE, 10-10-10, LIME RATE AT 50 LBS./1000 S.F.
	DISTURBED AREA STABILIZATION, PERMANENT	COMMON HULLED BERMUDA SEED AT 10 LBS./ACRE AND 1500 LBS./ACRE OF 6-12-12 FERTILIZER, APPLY LIME AT A RATE OF 1 TON/ACRE.
	DISTURBED AREA STABILIZATION, PERMANENT (SEEDING)	A PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY ERODIBLE OR CRITICALLY ERODED LANDS.
	DUST CONTROL	CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS AND DEMOLITION SITES.
	SLOPE STABILIZATION	REOPS - LONG TERM BLANKET CONSISTING OF 100% CURLED WOOD BLANKET ON SLOPES TO PREVENT EROSION AND SLOW WATER FLOW TO STABILIZE SOILS. (EXCELSIOR EROSION CONTROL BLANKET)
	FLOCCULANTS AND COAGULANTS	FLOCCULANTS AND COAGULANTS ARE FORMULATED TO ASSIST IN THE SOLID/LIQUID SEPARATION OF SUSPENDED PARTICLES IN SOLUTION. APPLICATION RATES SHALL CONFORM TO MANUFACTURER'S GUIDELINES FOR APPLICATION. ONLY ANIONIC FORM OF Fl-Co SHALL BE USED.
	MONITORING LOCATION	SAMPLING LOCATION TO MONITOR THE STORM WATER FOR TURBIDITY.

LARGE SIGN PER APPENDIX 1 SHEET C202 d.  
STABILIZE AREAS PER APPENDIX 1 SHEET C202 e.



SA&E PROJECT NUMBER		01-615-056
BID PACKAGE/PHASING		BP-1
ISSUED FOR CONSTRUCTION		10/15/2019
<b>Southern A&amp;E</b> 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects & engineers		REVISIONS
		R # Doc # Date
		1 AD3 11-20-2019

FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

EROSION CONTROL PLAN PHASE II

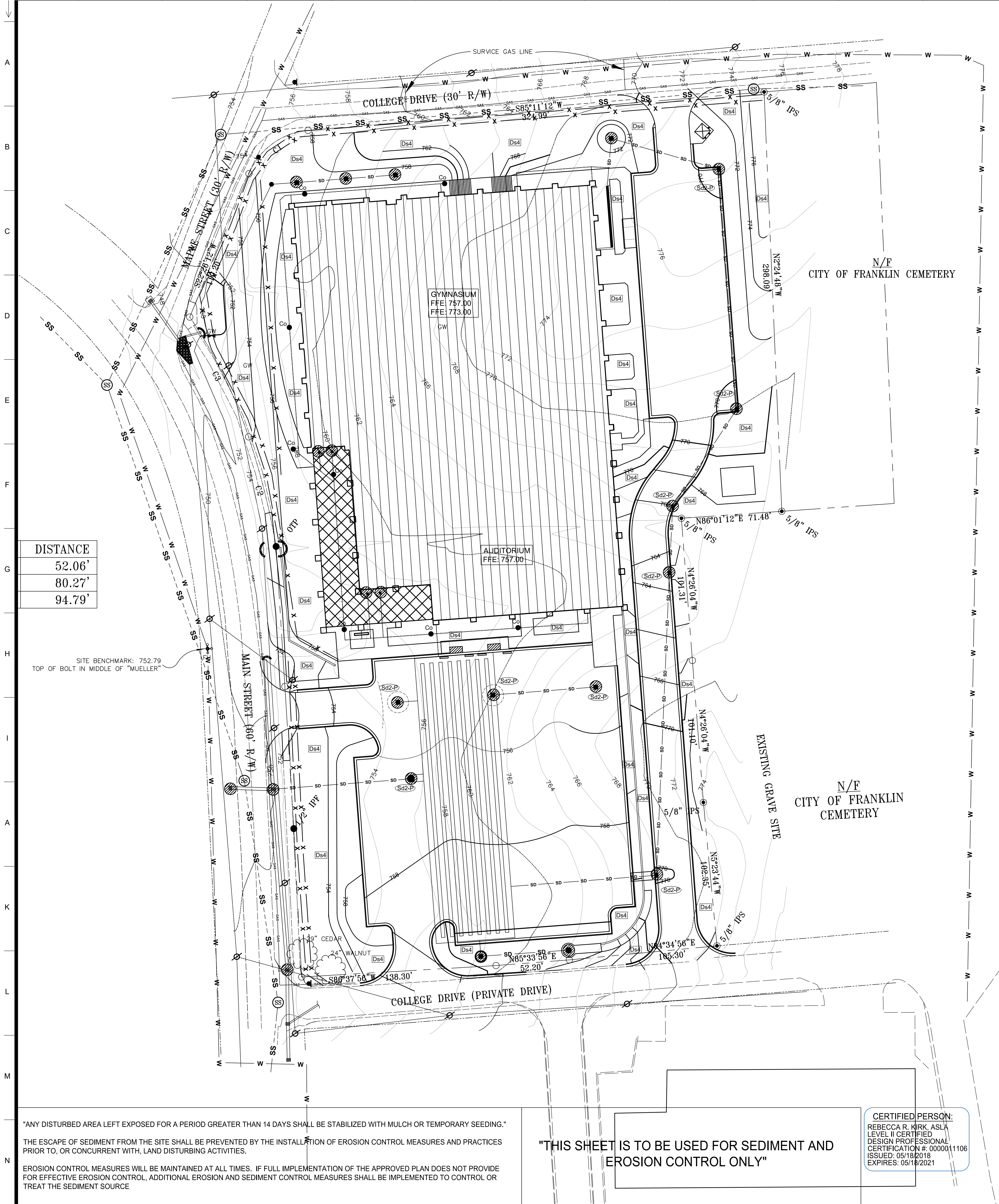
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**CAUTION:**

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EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN LEGEND		
	CHECK DAM	SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW.
	CONSTRUCTION EXIT	A STONE PAD AT THE SITE EXIT TO REMOVE MUD FROM TIRES. (STONE SIZE: 1 1/2" X 3 1/2" DIA. THICKNESS: 4" SEE DETAIL.)
	TYPE S SEDIMENT BARRIER	SEDIMENT BARRIER SHALL HAVE SUPPORTS NO GREATER THAN 4' O.C. P-FACTOR NO GREATER THAN 0.03. (GEORGIA D.O.T. TYPE-C SILT FENCE - SEE DETAIL). GSWCC - SENSITIVE AREA SILT FENCE.
	INLET SEDIMENT TRAP	TYPE C SILT FENCE SUPPORTED BY STEEL POSTS SHALL BE USED. THE STAKES SHALL BE SPACED EQUALLY AROUND THE PERIMETER OF THE INLET A MAX. OF 3 FEET APART AND SECURELY DRIVEN INTO THE GROUND, APPROX. 18" DEEP. THE FABRIC SHALL BE ENRICHED 12" AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
	CURB INLET SEDIMENT TRAP	A CURB INLET FILTER AFTER PAVING HAS BEEN INSTALLED. METHOD SHALL BE "PUSH-IN" BLANKET OR 60" STONE GRAVEL BAGS WRAPPED WITH FILTER FABRIC, WIRE, OR PLASTIC MESH. SEE DETAIL.
	SEDIMENT TRAP (STRAW BALE/SILT FENCE)	A SMALL TEMPORARY POND THAT DRAINS A DISTURBED AREA OF UP TO 1 ACRE. THE SILT FENCE AND STRAW BALE OUTLET RELIES ON FILTERING THROUGH LAYERS OF AGGREGATE, RIPRAP TO DEWATER THE SEDIMENT TRAP. LIFE SPAN IS UP TO 1 YEAR. SEE DETAIL FOR Sd4-S.
	STORM DRAIN OUTLET PROTECTION	PAVED AND/OR RIPRAPPED CHANNEL SECTIONS BELOW A STORM DRAIN OUTLET. THE LENGTH AND THE WIDTH OF THE APRON SHALL BE DETERMINED FROM DETAIL.
	DISTURBED AREA STABILIZATION, TEMPORARY	MULCHING OF WOOD WASTE GRINDINGS, CHIPS, AND BARK AS TEMPORARY PROTECTION FOR DISTURBED AREAS. WOOD WASTE CAN BE USED ON SLOPES FLATTER THAN 3:1 WITHOUT ANCHORING AT DEPTH OF (MULCHING ONLY) 2" TO 3" OR RATE OF 8 TO 9 TON/ACRE.
	DISTURBED AREA STABILIZATION, TEMPORARY	ANNUAL RYEGRASS 40 LBS./ACRE, FERTILIZE AT 500 LBS./ACRE, 10-10-10, LIME RATE AT 50 LBS./1000 S.F.
	DISTURBED AREA STABILIZATION, PERMANENT	COMMON HULLED BERMUDA SEED AT 10 LBS./ACRE AND 1500 LBS./ACRE OF 6-12-12 FERTILIZER, APPLY LIME AT A RATE OF 1 TON/ACRE.
	DISTURBED AREA STABILIZATION, PERMANENT (SEEDING)	A PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY ERODIBLE OR CRITICALLY ERODED LANDS.
	DUST CONTROL	CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS AND DEMOLITION SITES.
	SLOPE STABILIZATION	REOPS - LONG TERM BLANKET CONSISTING OF OF 100% CURLED WOOD BLANKET ON SLOPES TO PREVENT EROSION AND SLOW WATER FLOW TO STABILIZE SOILS. (EXCELSIOR EROSION CONTROL BLANKET)
	FLOCCULANTS AND COAGULANTS	FLOCCULANTS AND COAGULANTS ARE FORMULATED TO ASSIST IN THE SOLID/LIQUID SEPARATION OF SUSPENDED PARTICLES IN SOLUTION. APPLICATION RATES SHALL CONFORM TO MANUFACTURER'S GUIDELINES FOR APPLICATION. ONLY ANIONIC FORM OF Fl-Co SHALL BE USED.
	MONITORING LOCATION	SAMPLING LOCATION TO MONITOR THE STORM WATER FOR TURBIDITY.

LARGE SIGN PER APPENDIX 1 SHEET C202 d.  
STABILIZE AREAS PER APPENDIX 1 SHEET C202 e.

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

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

"THIS SHEET IS TO BE USED FOR SEDIMENT AND EROSION CONTROL ONLY"

CERTIFIED PERSON:  
REBECCA R. KIRK, ASLA  
LEVEL II CERTIFIED  
DESIGN PROFESSIONAL  
CERTIFICATION #: 000001106  
ISSUED: 05/18/2018  
EXPIRES: 05/18/2021

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0 30 60 Feet  
SCALE 1"=30'

SA&E PROJECT NUMBER		01-615-056		
BID PACKAGE/PHASING		BP-1		
ISSUED FOR CONSTRUCTION		10/15/2019		
<p>7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects &amp; engineers</p>		REVISIONS		
		R #	Doc #	Date
		1	AD3	11-20-2019

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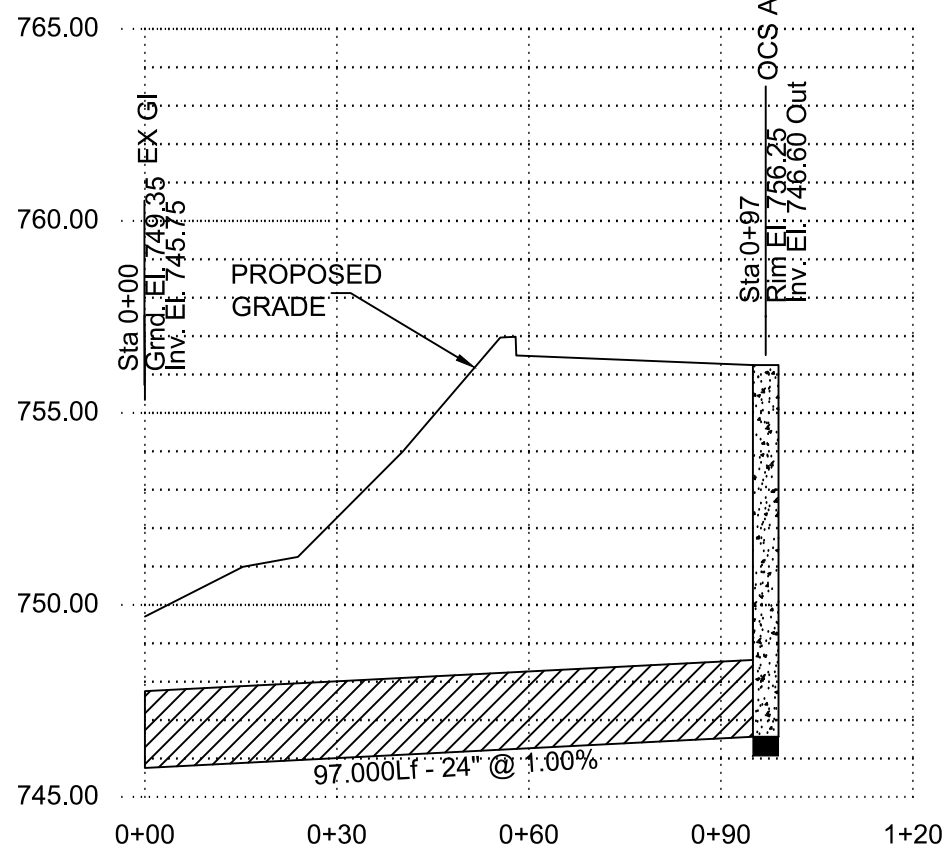
FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

EROSION CONTROL PLAN PHASE III

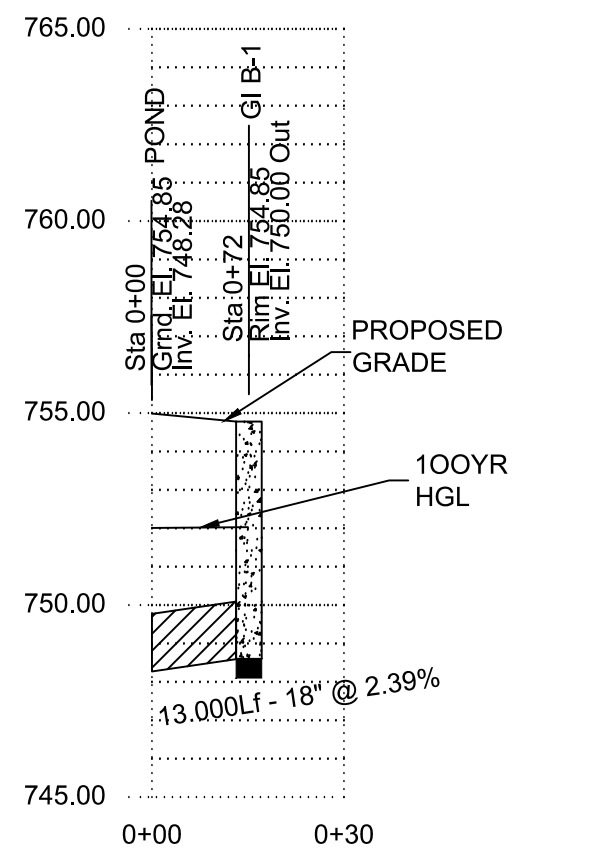
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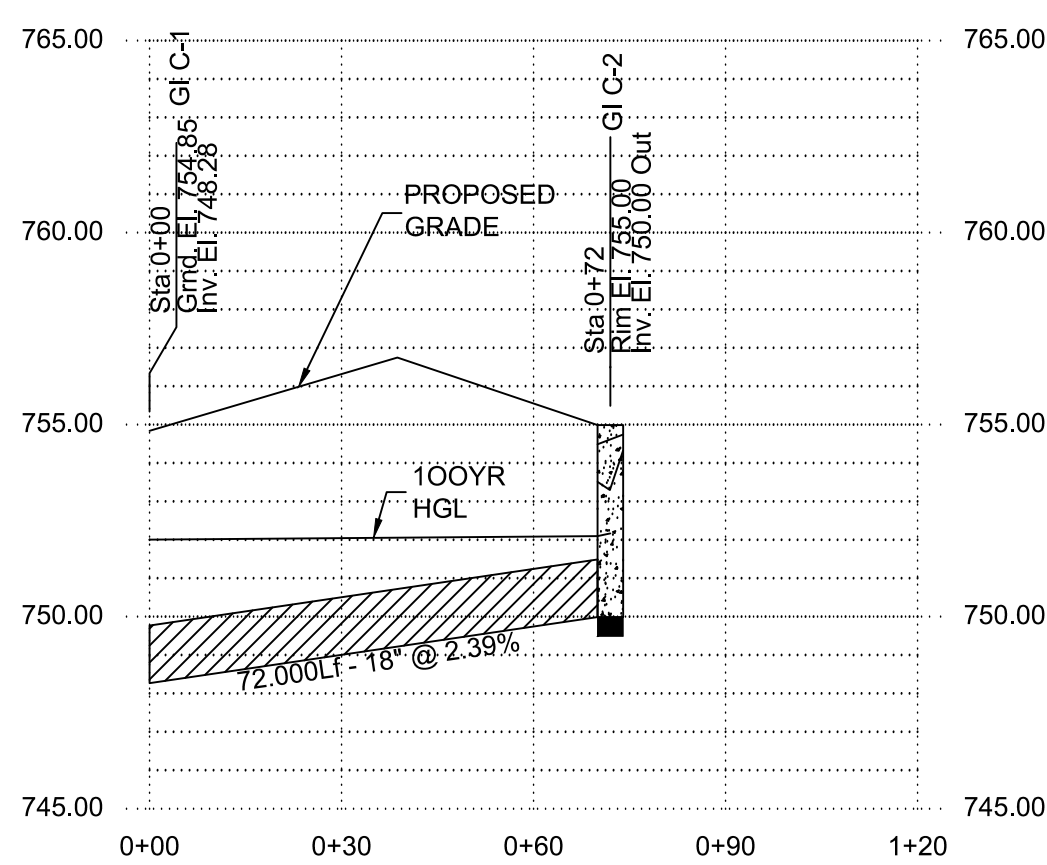
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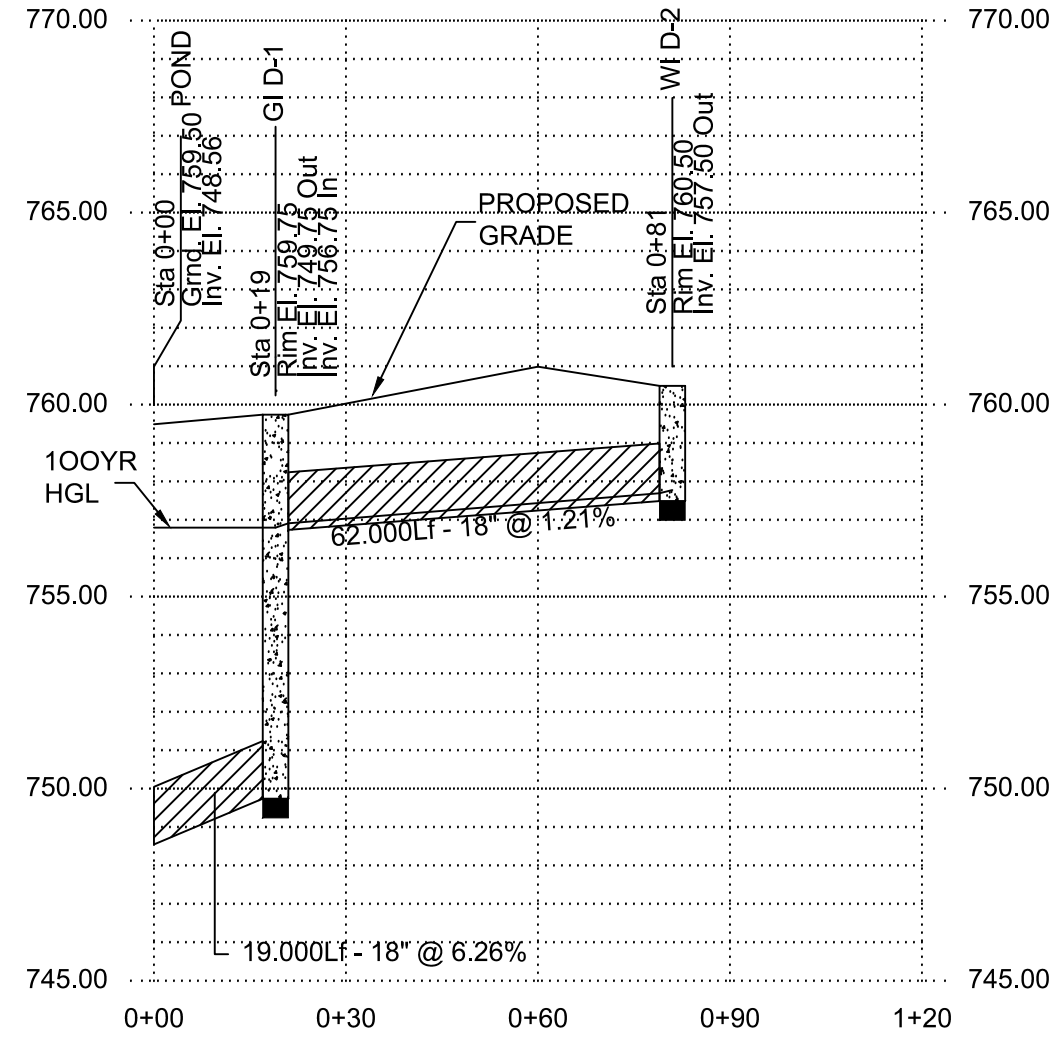
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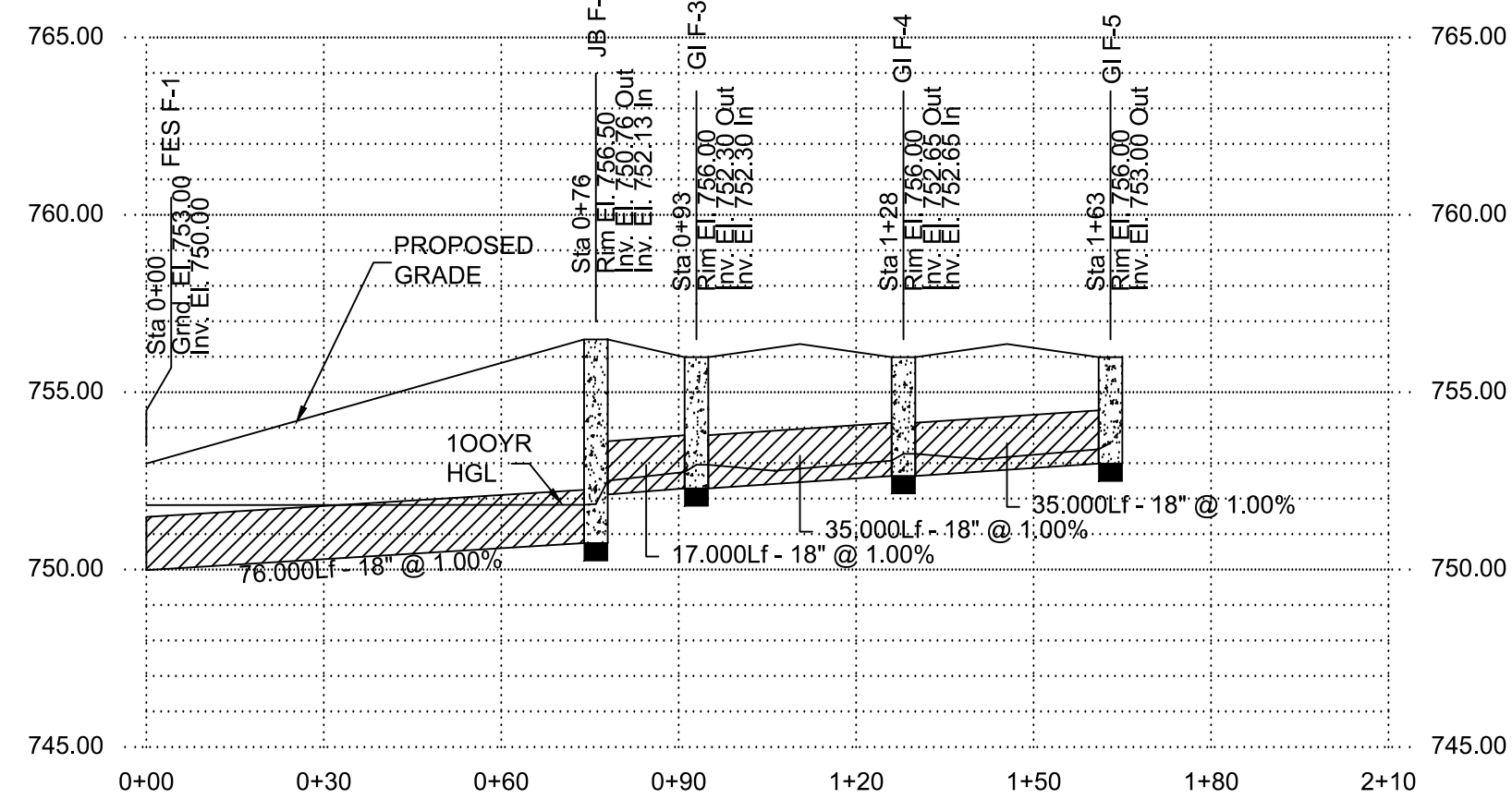
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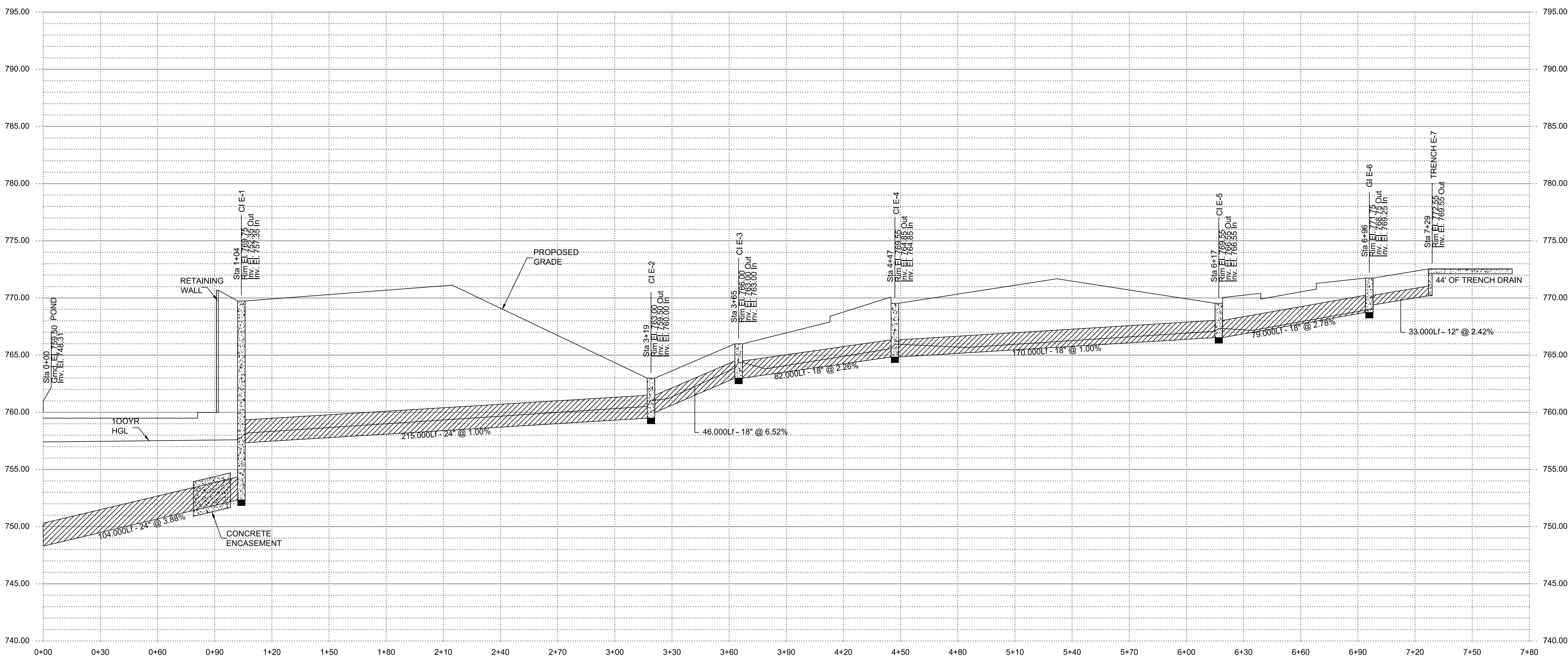
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LINE D  
SCALE: 1(in) = 30 14 H, 1(in) = 5(ft) V



LINE F  
SCALE: 1(in) = 30 14 H, 1(in) = 5(ft) V



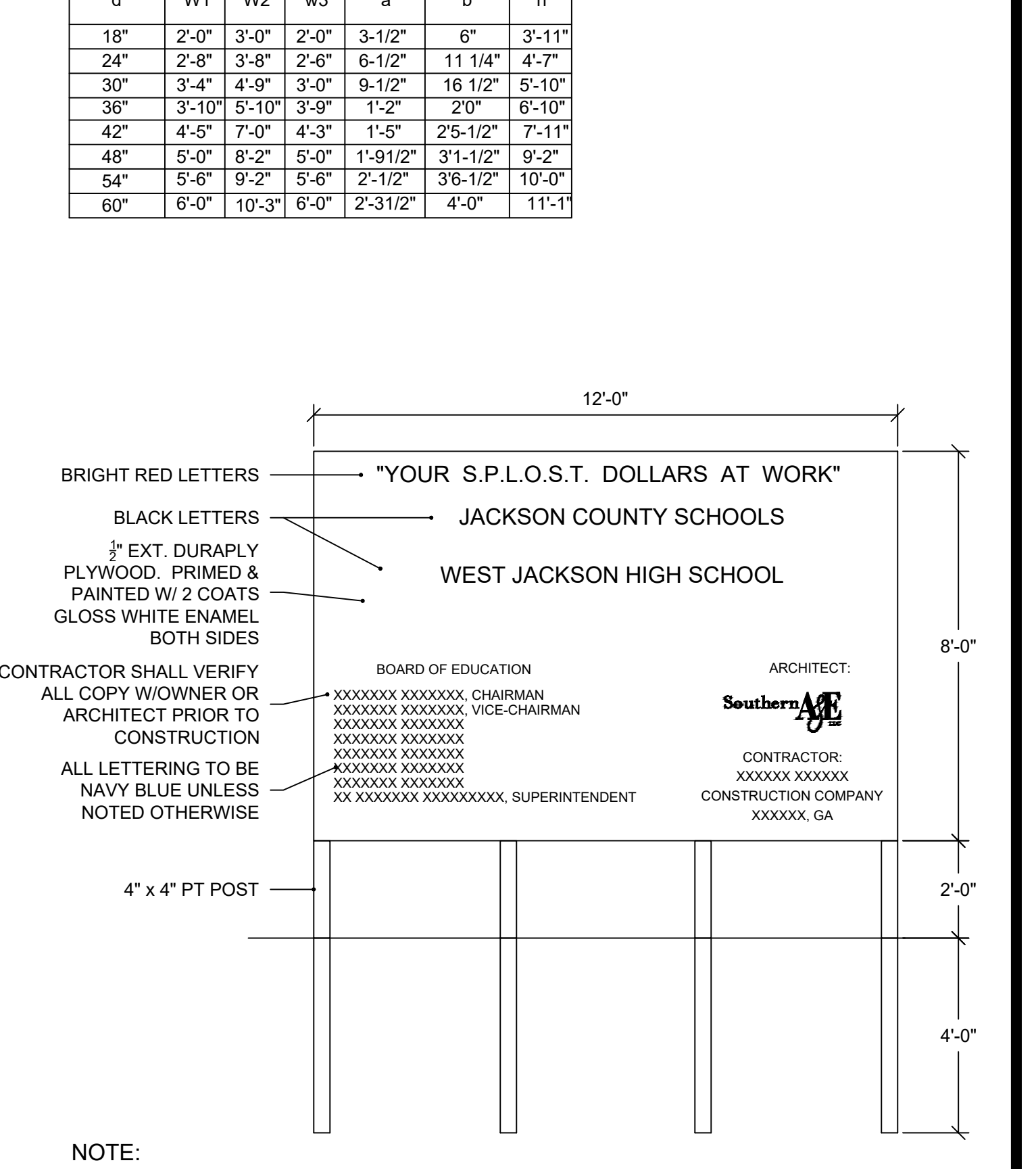
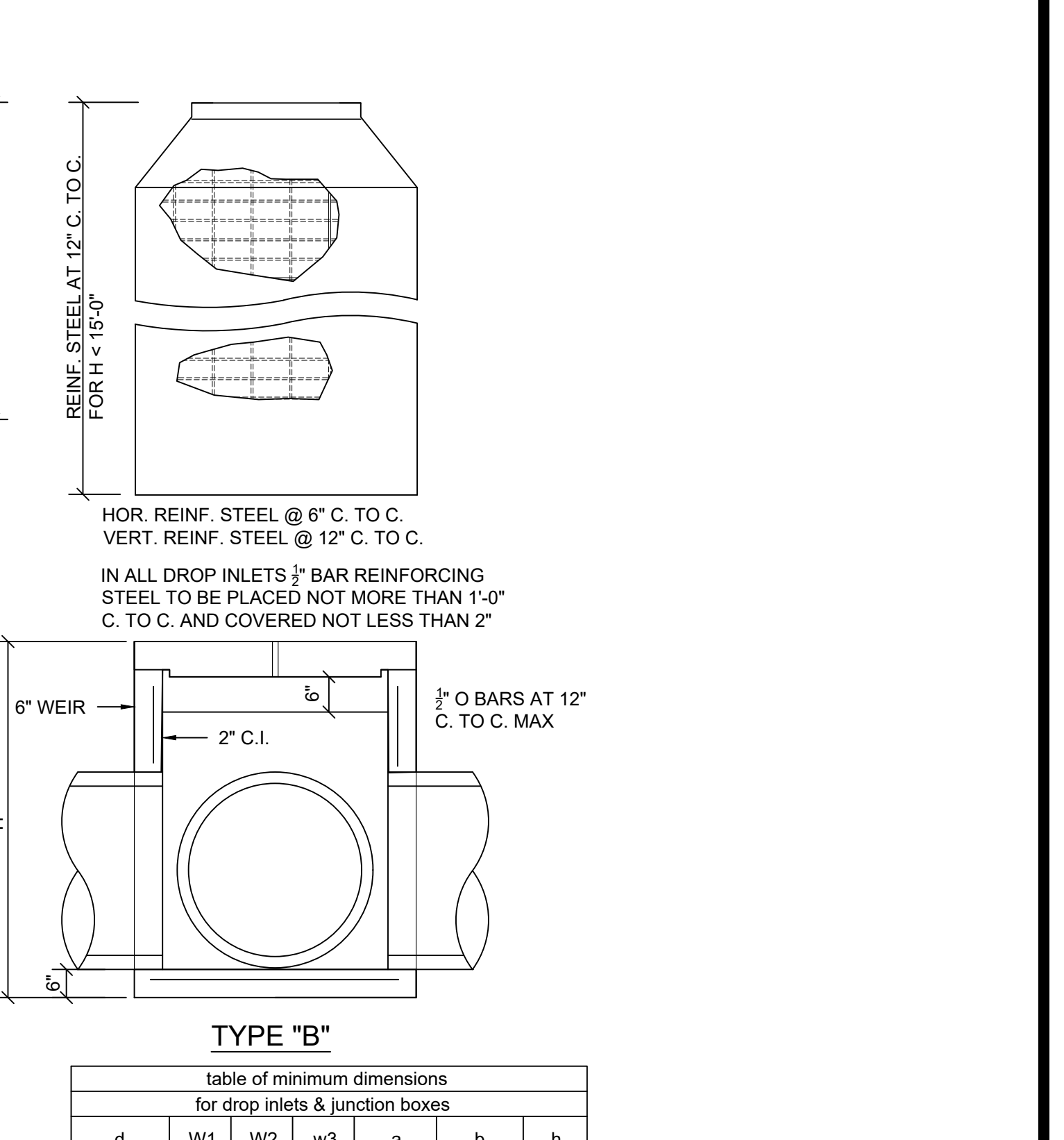
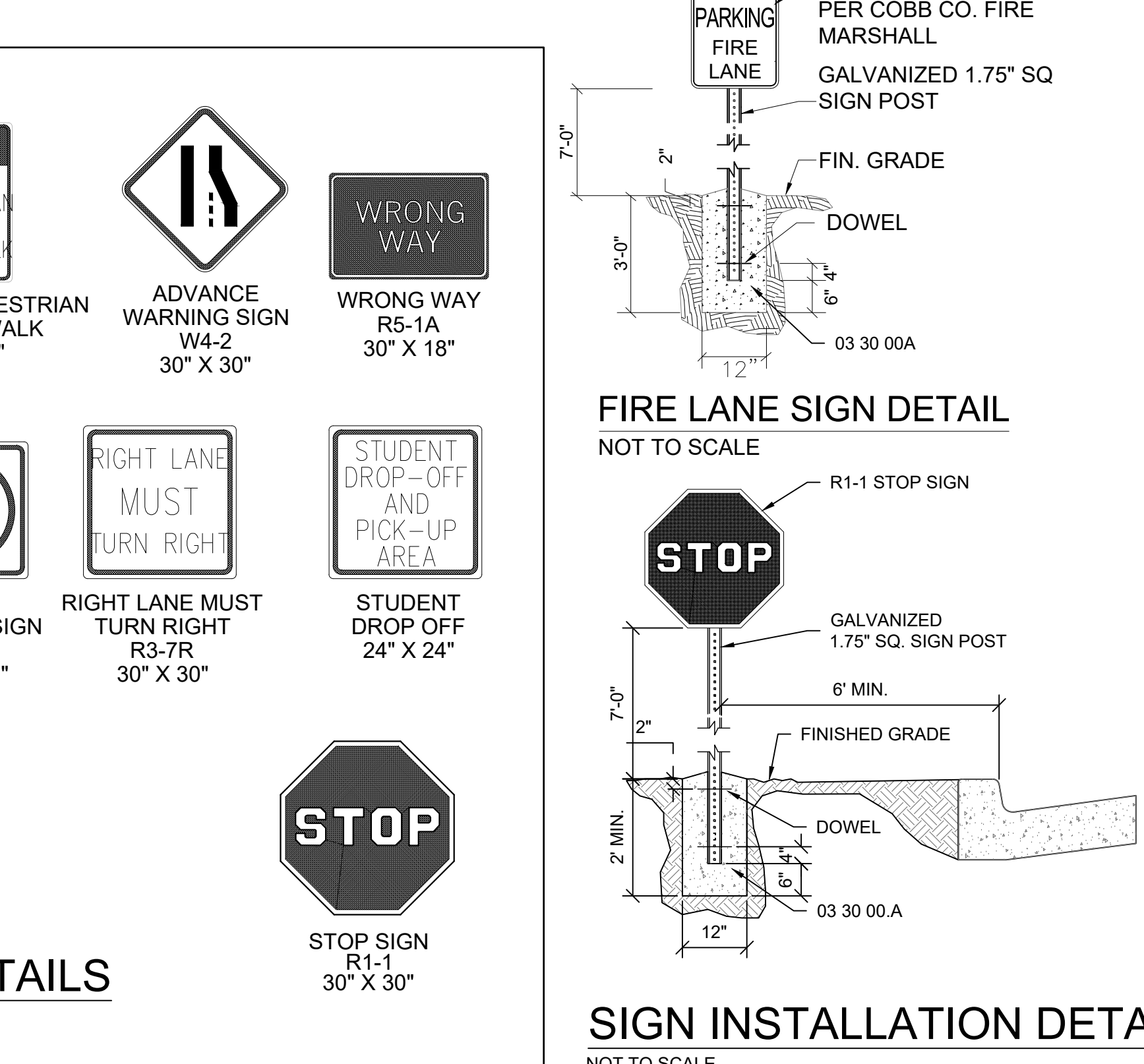
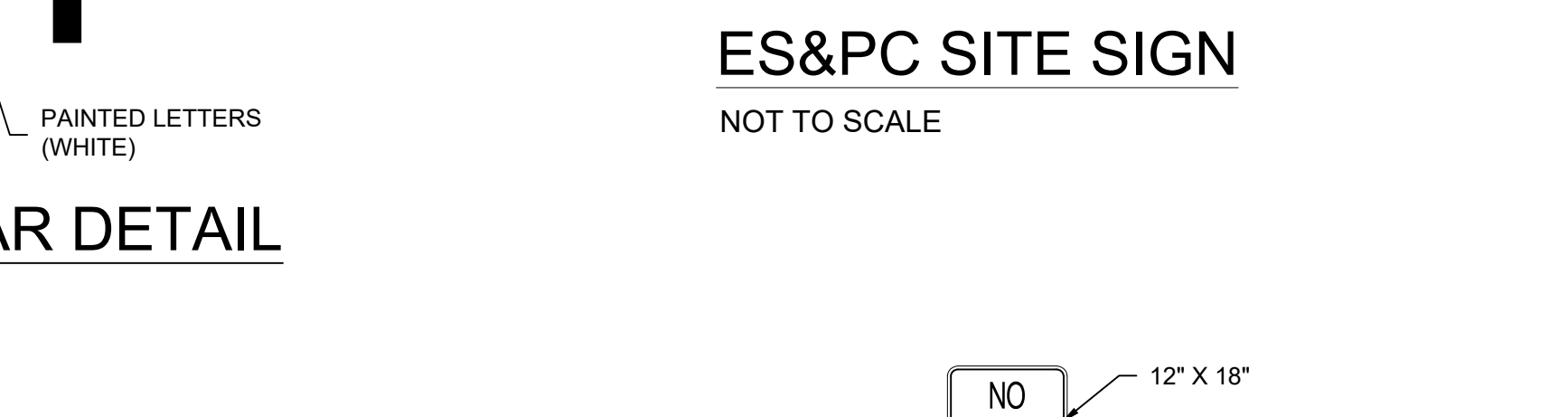
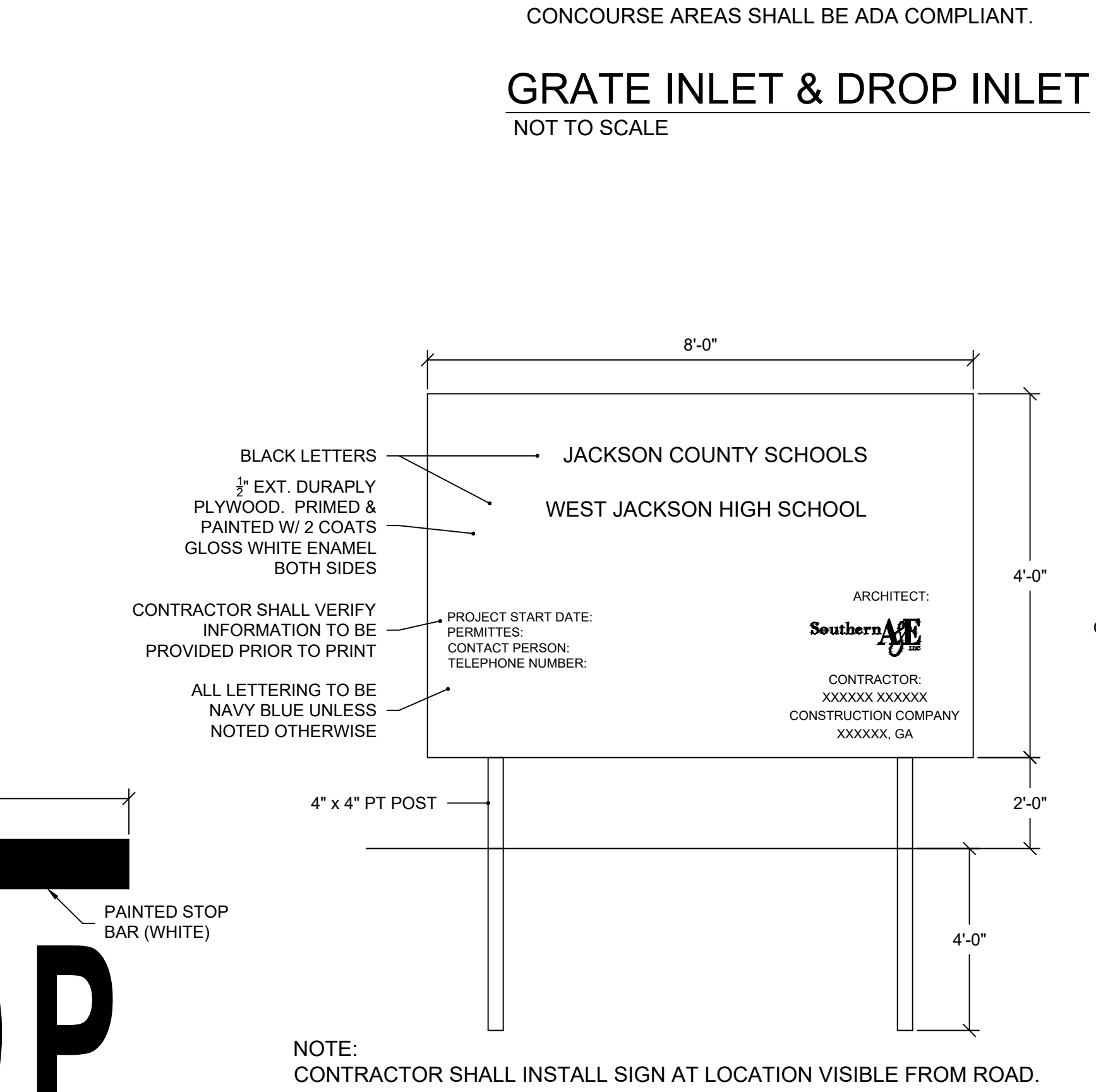
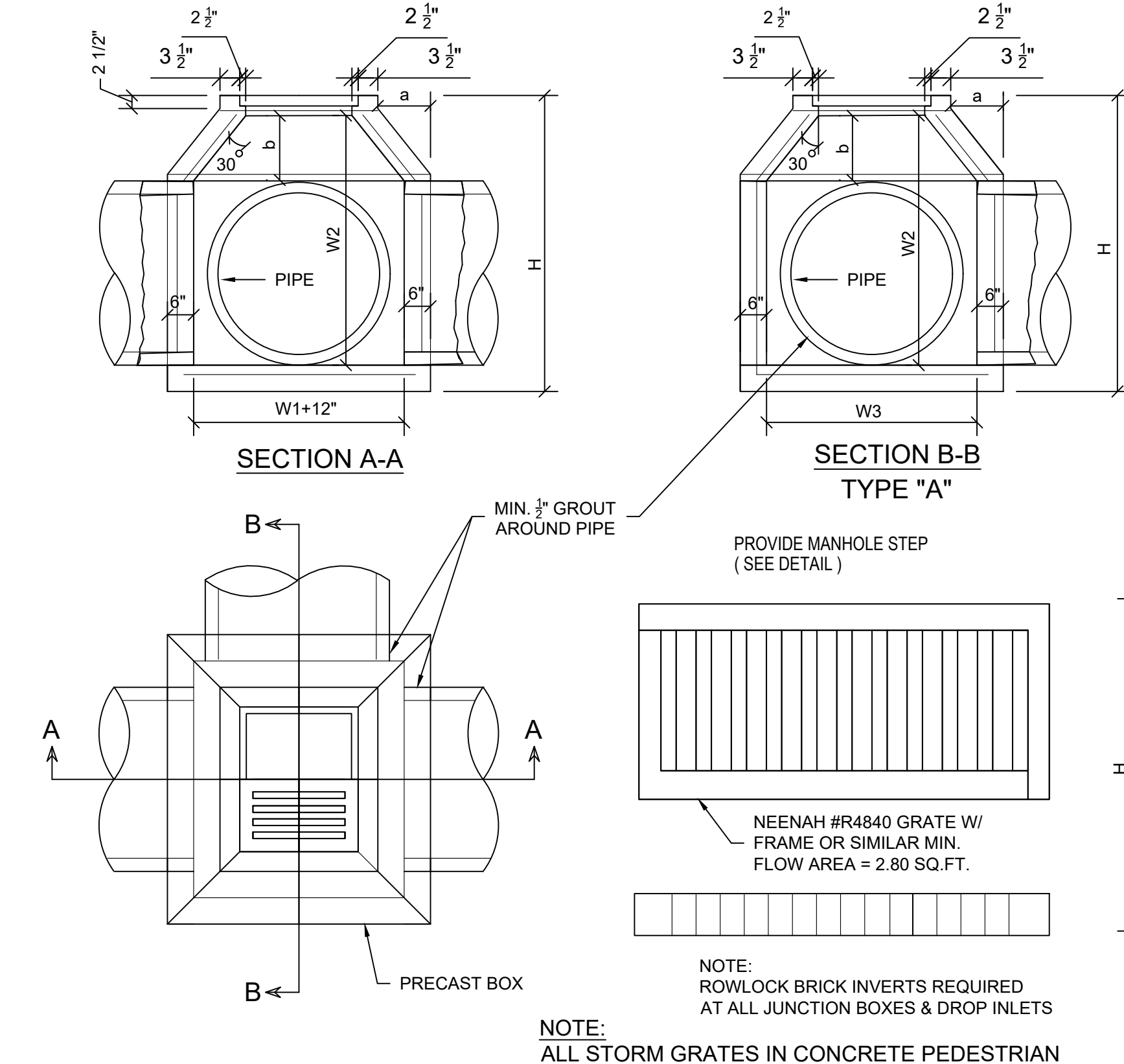
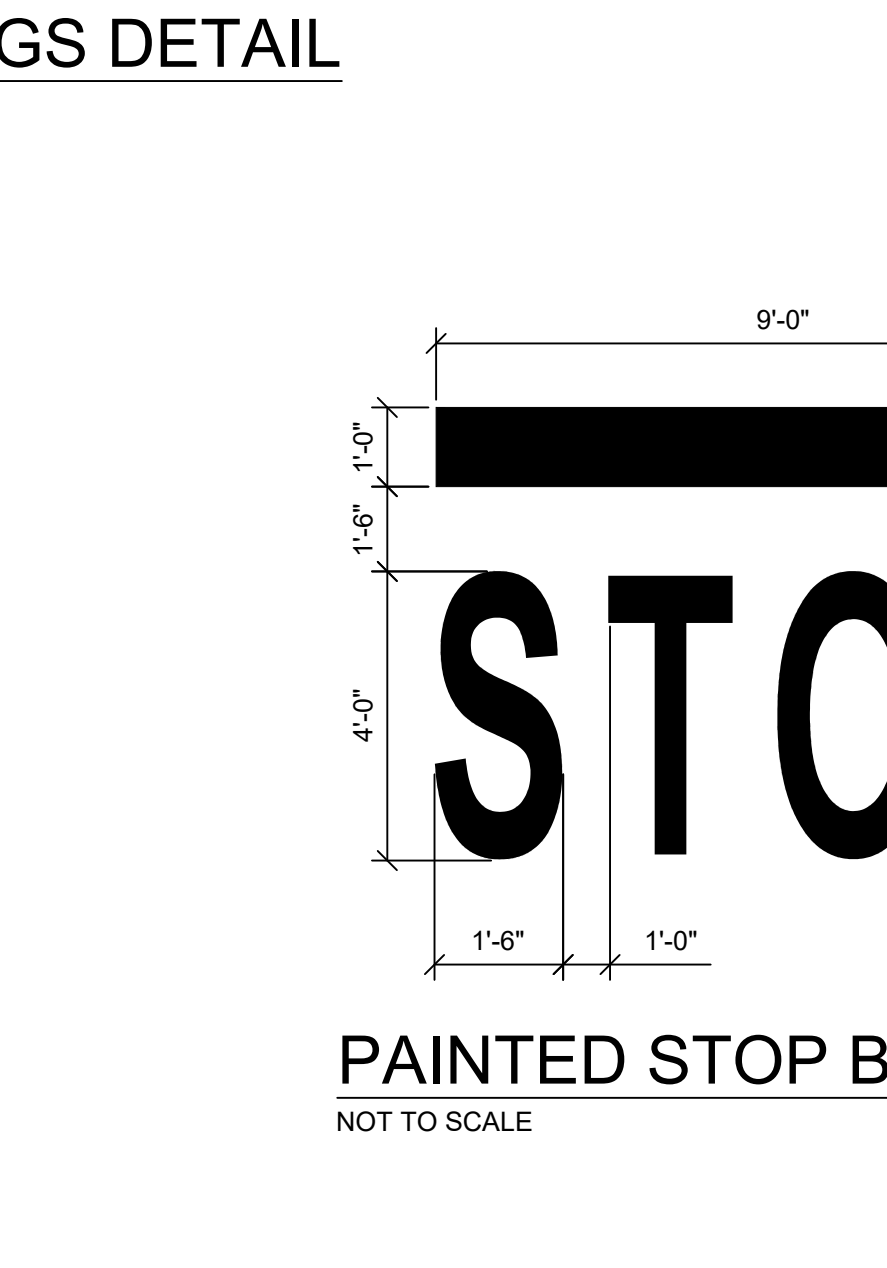
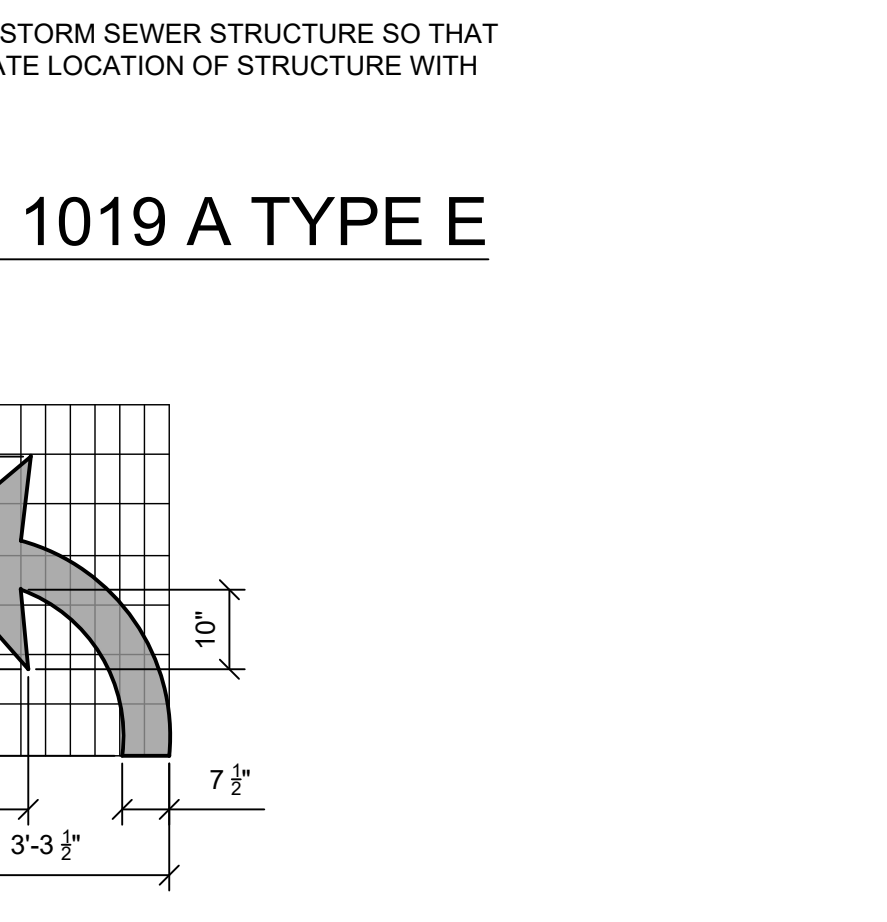
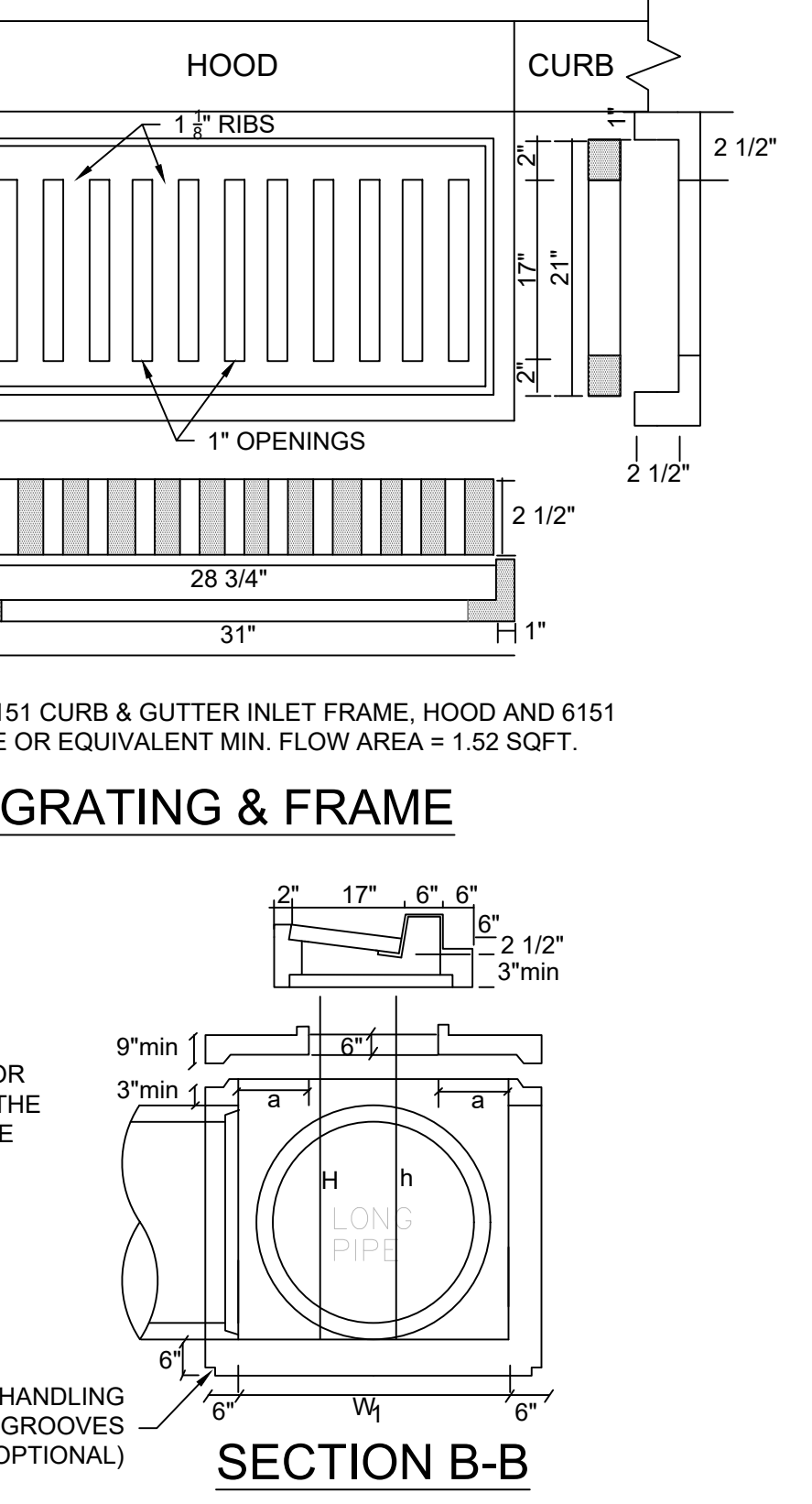
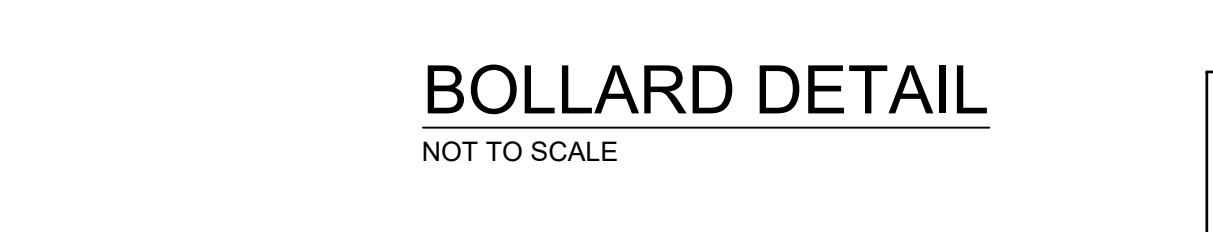
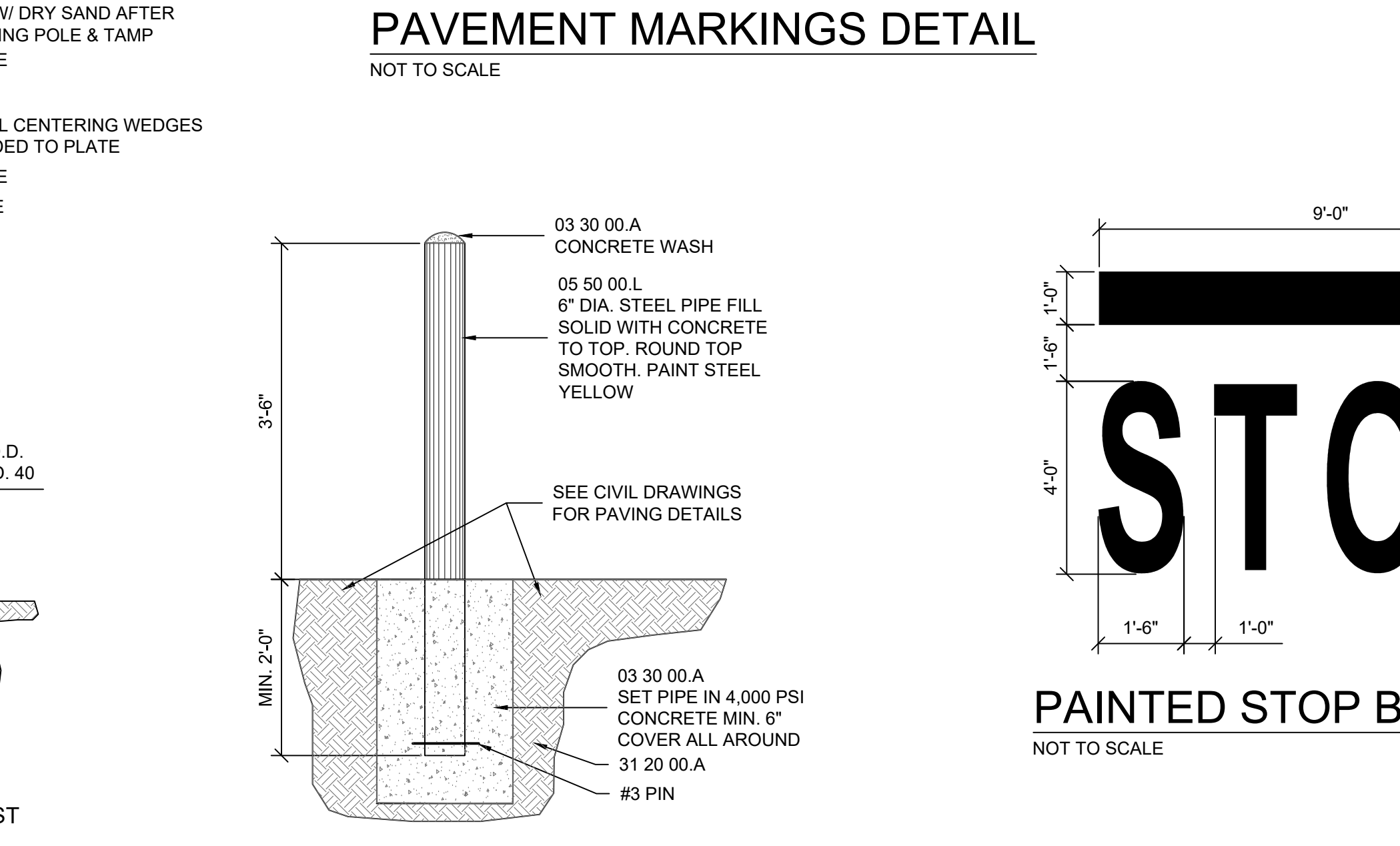
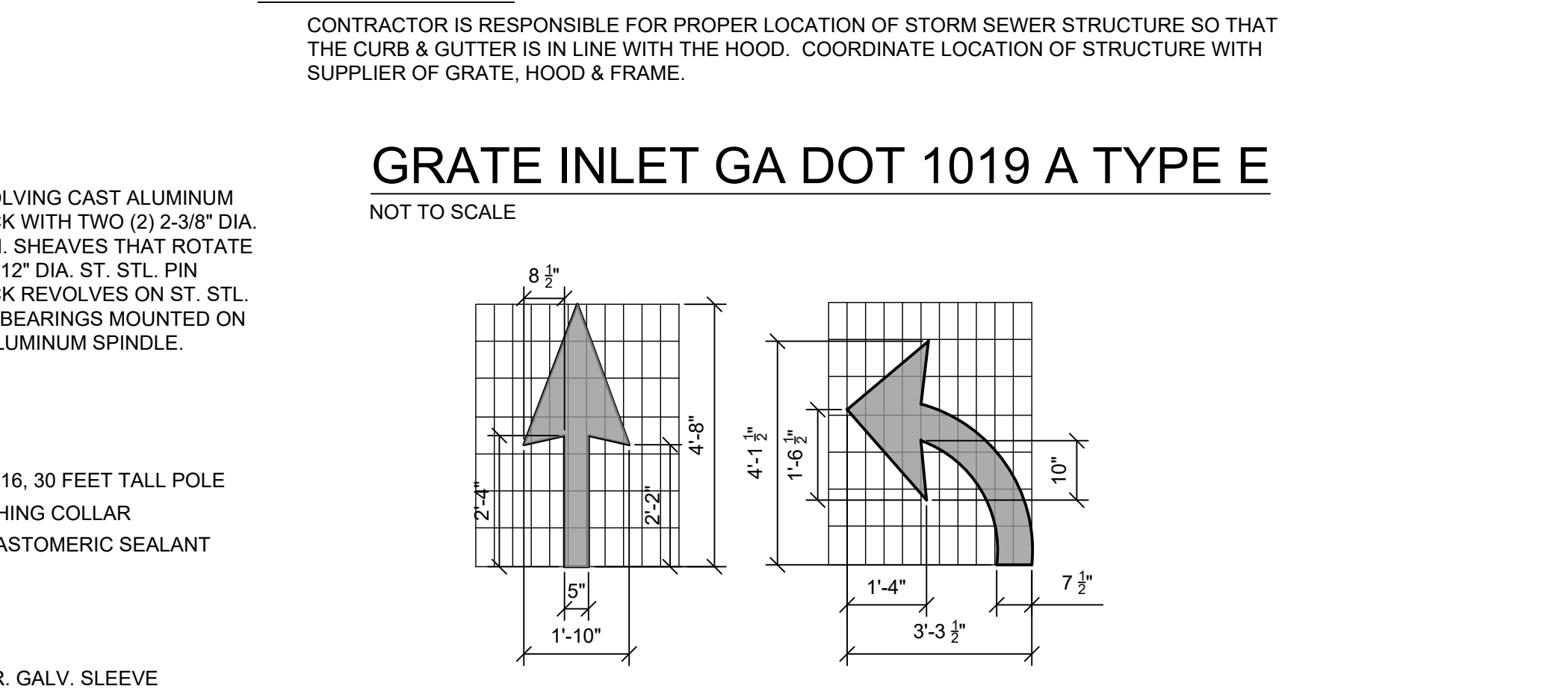
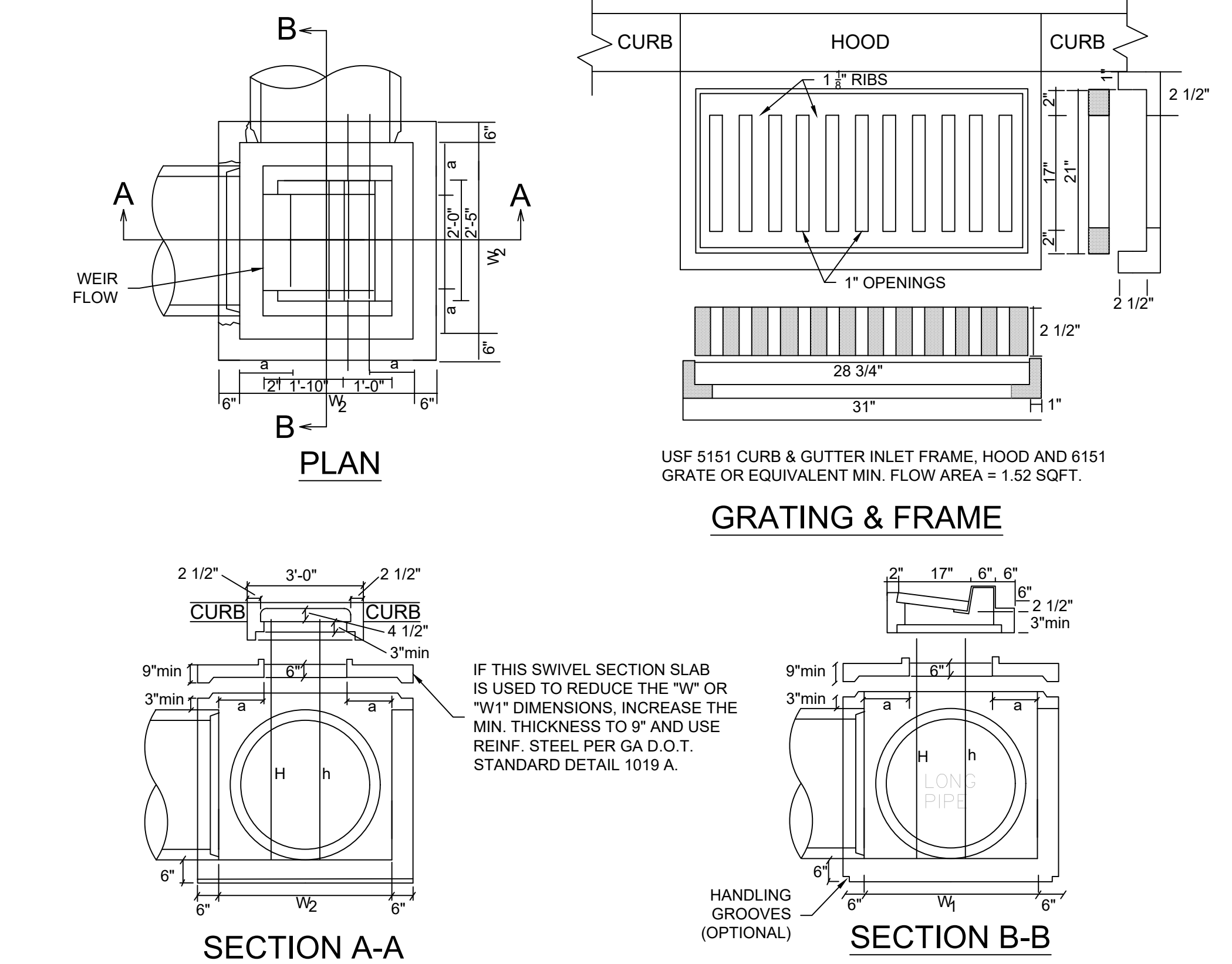
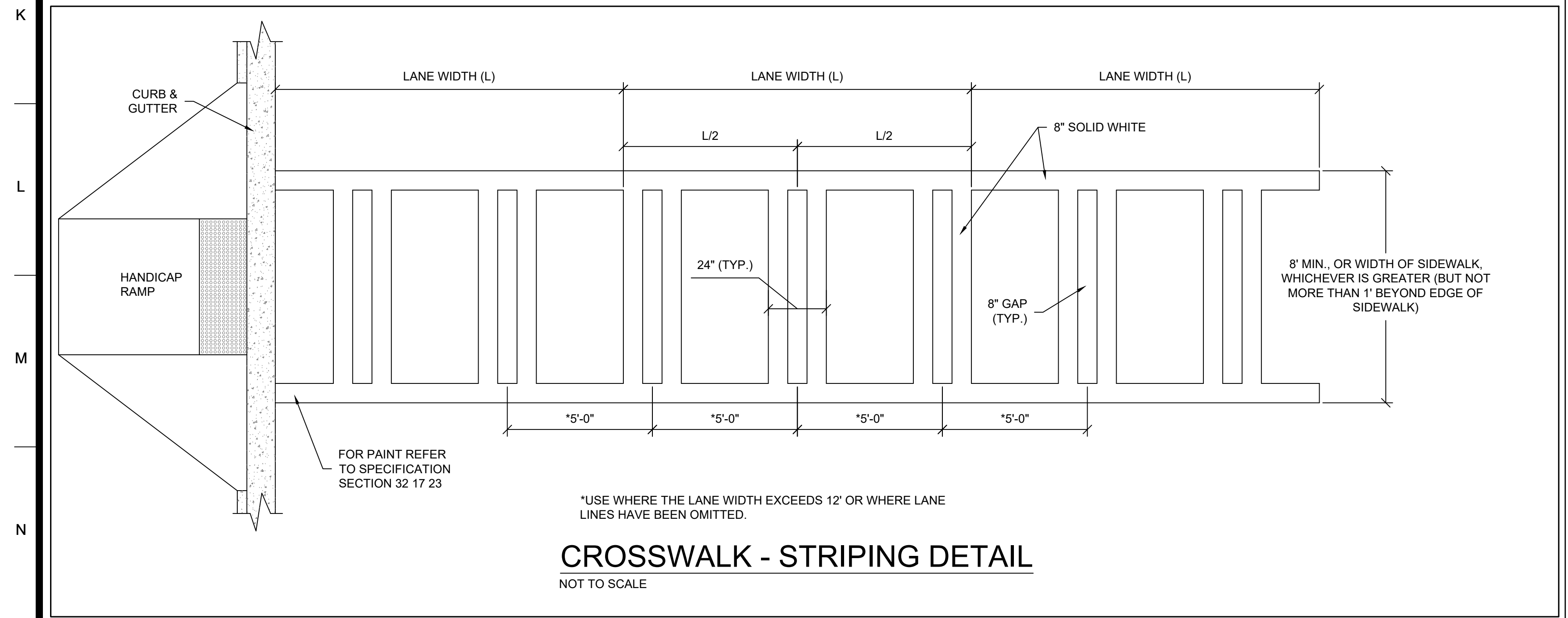
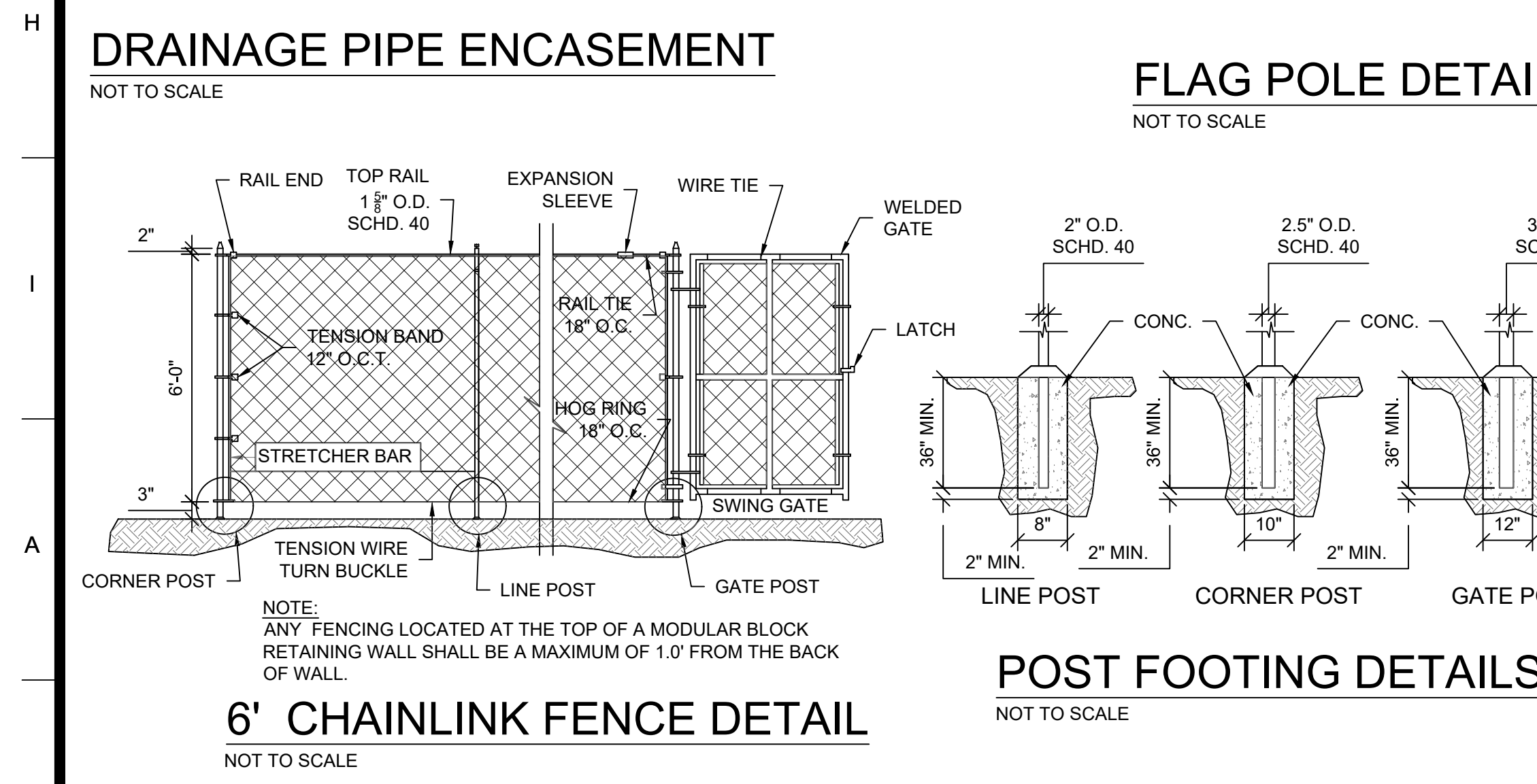
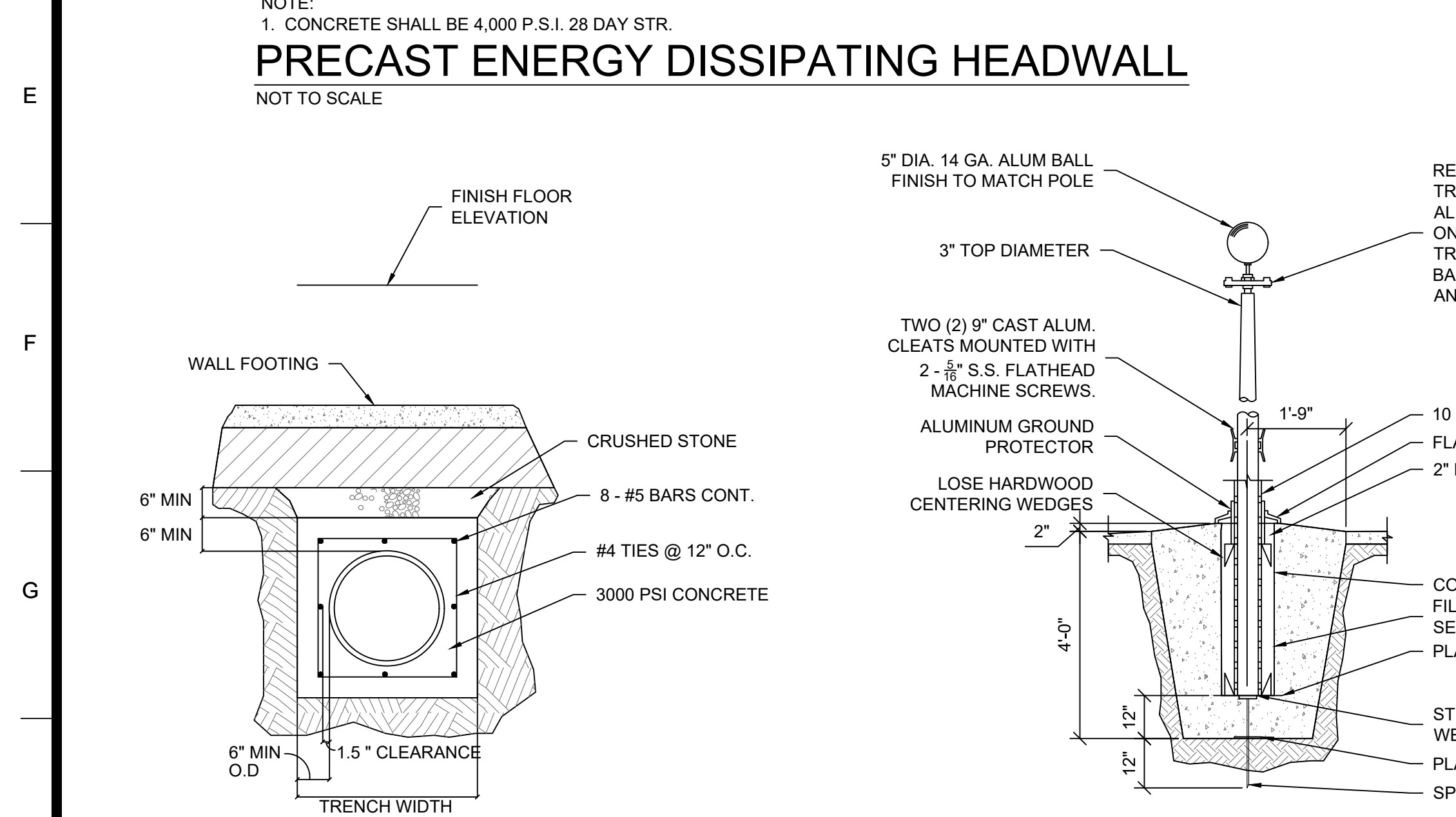
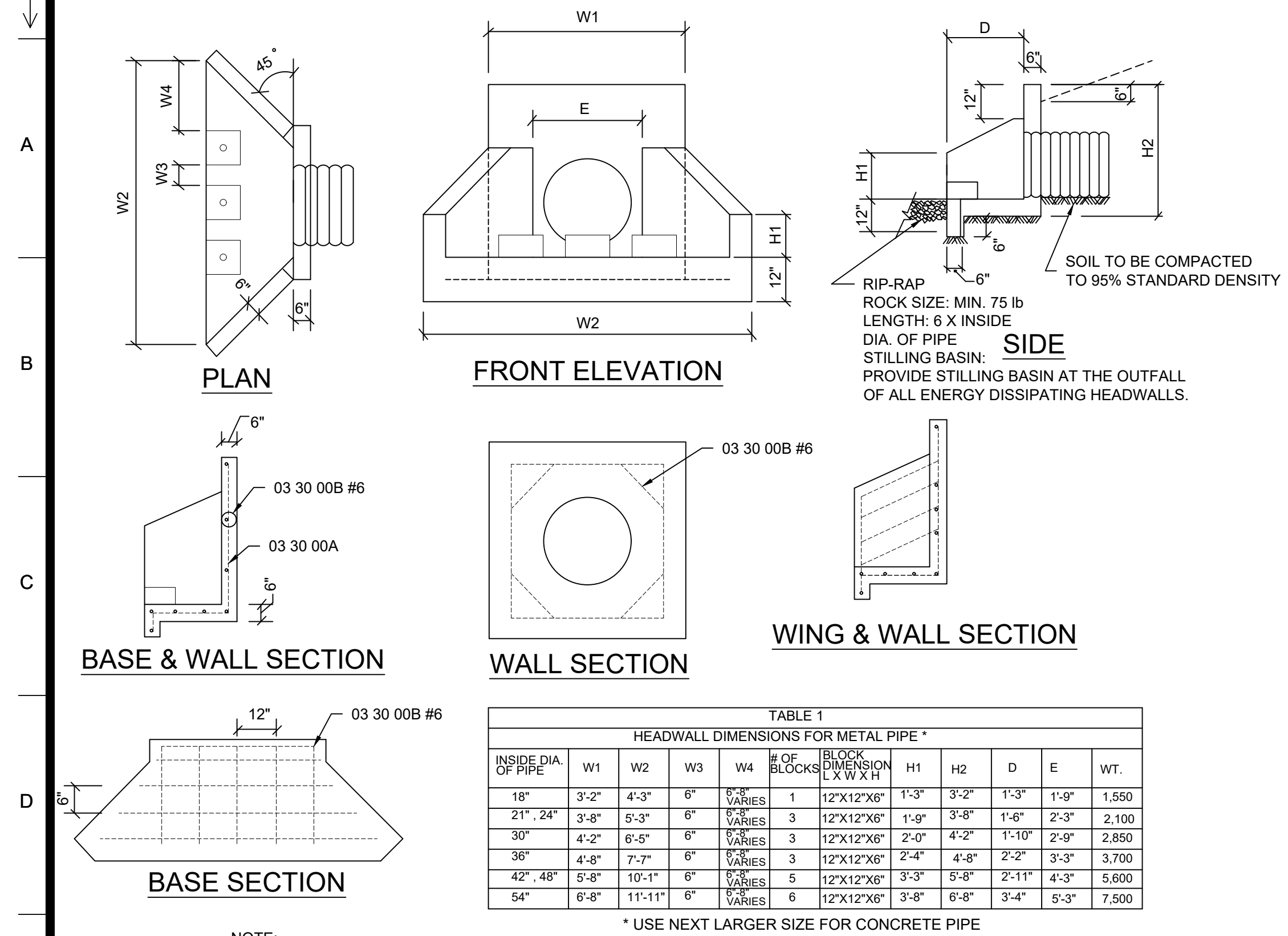
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- STORM DRAINAGE NOTES:
1. ALL HEADWALLS SHALL BE ENERGY DISSIPATING HEADWALLS.
  2. CONTRACTOR SHALL INSTALL RIP-RAP OUTLET PROTECTION AT ALL HEADWALLS UNLESS NOTED OTHERWISE.
  3. ALL STORM GRATES IN A CONCRETE/PEDESTRIAN CONCOURSE AREA SHALL BE ADA COMPLIANT STORM GRATES.
  4. ALL STORM PIPE SHALL BE HDPE DOUBLE WALLED SMOOTH INTERIOR STORM PIPES UNLESS NOTED OTHERWISE.
  5. CONTRACTOR SHALL COORDINATE WITH SEWER, WATER, GAS ETC. INSTALL ON ALL CROSSINGS.
  6. ALL STORM PIPE SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.

- DRAINAGE NOTES:
1. ALL PIPE THAT IS PART OF THE ROADWAY DRAINAGE SYSTEM IS TO BE RCP, 14 GAUGE MINIMUM BCCMP.
  2. PIPE IS TO BE INSTALLED PER GA. D.O.T. STD. 1030D.
  3. ALL DROP INLETS ARE TO BE PER GA. D.O.T. STD. OR OTHE ACCEPTABLE DESIGN MODIFIED WITH A RAISED WEIR INLET AND A METAL CLEAN OUT COVER.
  4. ALL HEADWALLS ARE TO BE GA. D.O.T. STD. 1125.
  5. ALL CATCH BASINS ARE TO BE CONSTRUCTED PER GA. D.O.T. STD. 1033D OR 1034D.
  6. ALL FLARED END SECTIONS ARE TO BE PER GA. D.O.T. STD. 1120 CONCRETE.
  7. ALL JUNCTION BOXES ARE TO BE PER GA. D.O.T. STD. OR OTHER ACCEPTABLE DESIGN MODIFIED WITH A METAL CLEAN OUT COVER.
  8. DRAINAGE EASEMENTS ARE REQUIRED TO PREVENT STORMWATER FLOW FROM ONE LOT ONTO ANOTHER EXCEPT WITHIN DESIGNATED DRAINAGE EASEMENT.
  9. ONLY RCP OR HDPE PIPE IN FLOWING STREAMS/OUTLET DEVICES.

SA&E PROJECT NUMBER BID PACKAGE/PHASING ISSUED FOR CONSTRUCTION		01-615-056 BP-1 10/15/2019	
<b>Southern A&amp;E</b> 7951 Troon Circle Austell, Ga 30168 (770) 819-7777 architects & engineers		REVISIONS	
		R #	Doc #
		1	AD3
		Date	11-20-2019
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FACILITY CODE NUMBER: 674-0110 GYMNASIUM/AUDITORIUM FOR: <b>HEARD COUNTY SCHOOLS</b> 545 MAIN STREET, FRANKLIN, GA 30217 <b>HEARD COUNTY SCHOOL SYSTEM</b> FRANKLIN, GEORGIA			
STORM PIPE PROFILES			
STATE OF GEORGIA REGISTERED ARCHITECT GREGORY SCHLANKER		GEORGIA REGISTERED ARCHITECT KYLE REAGAN	
DRAWING NUMBER		C301	





**Southern A&E**

SA&E PROJECT NUMBER: 01-615-056

BID PACKAGE/PHASING: BP-1

ISSUED FOR CONSTRUCTION: 10/15/2019

REVISIONS: R # Doc # Date

7951 Troon Circle, Austell, Ga 30168, (770) 819-7777

architects & engineers

FACILITY CODE NUMBER: 674-0110

**GYMNASIUM/AUDITORIUM FOR: HEARD COUNTY SCHOOLS**

545 MAIN STREET, FRANKLIN, GA 30217

**HEARD COUNTY SCHOOL SYSTEM**

FRANKLIN, GEORGIA

CONSTRUCTION DETAILS

DRAWING NUMBER: C501

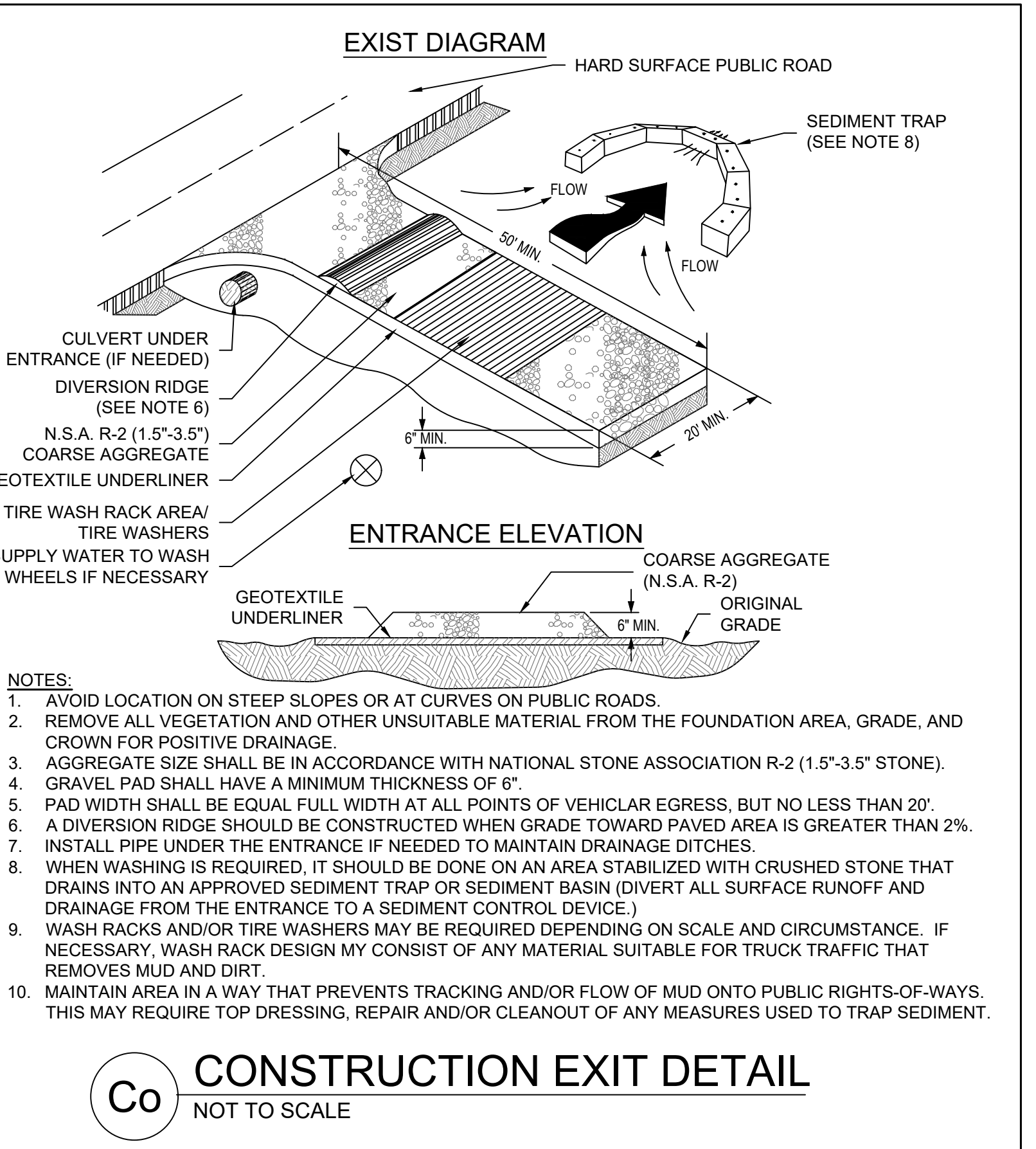
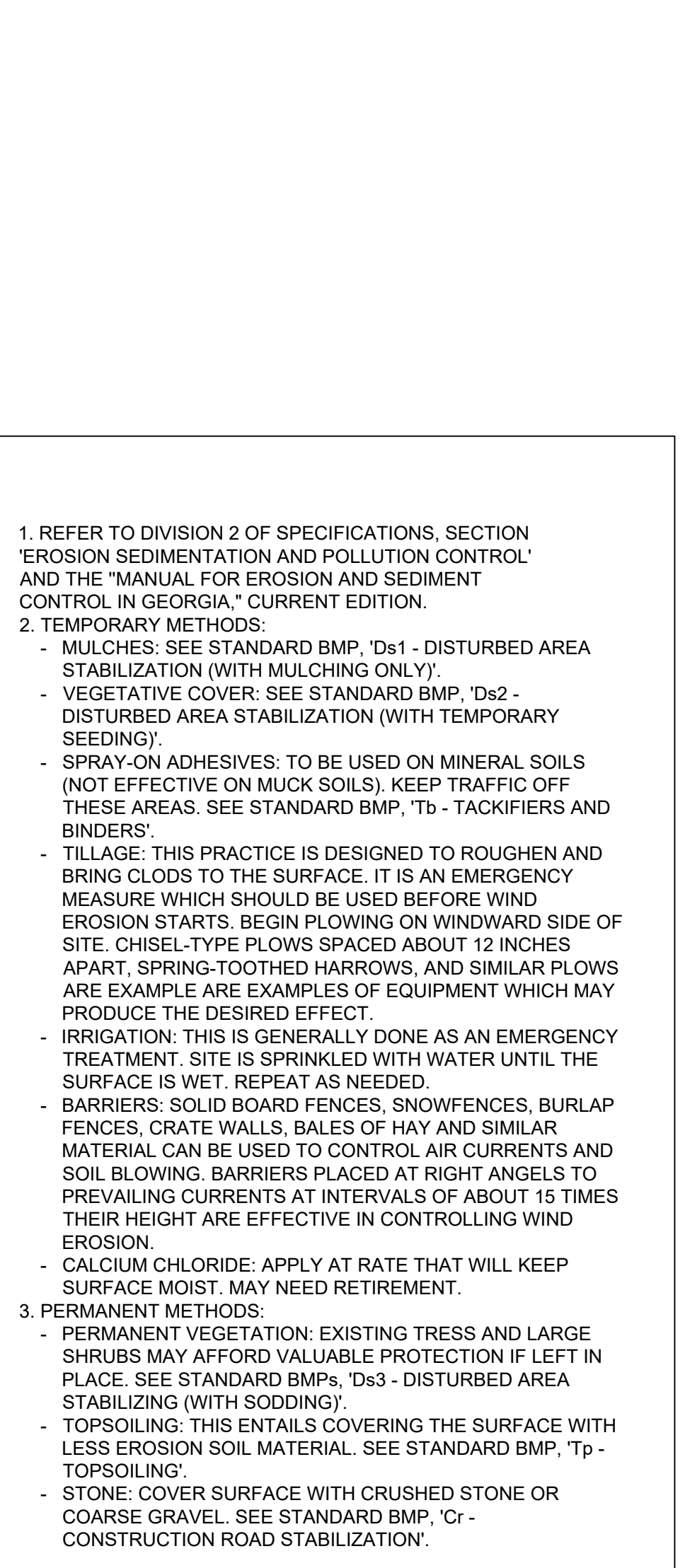
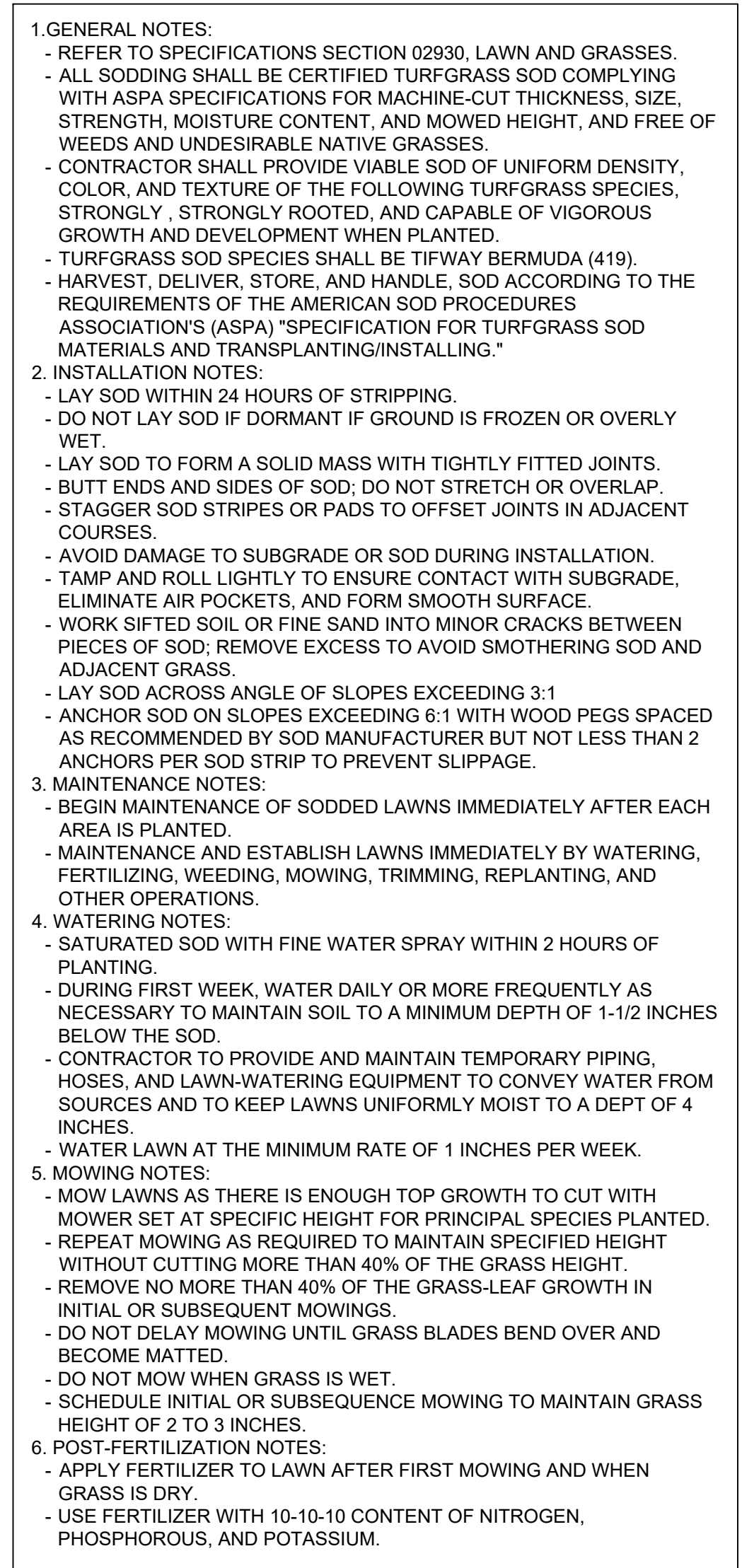
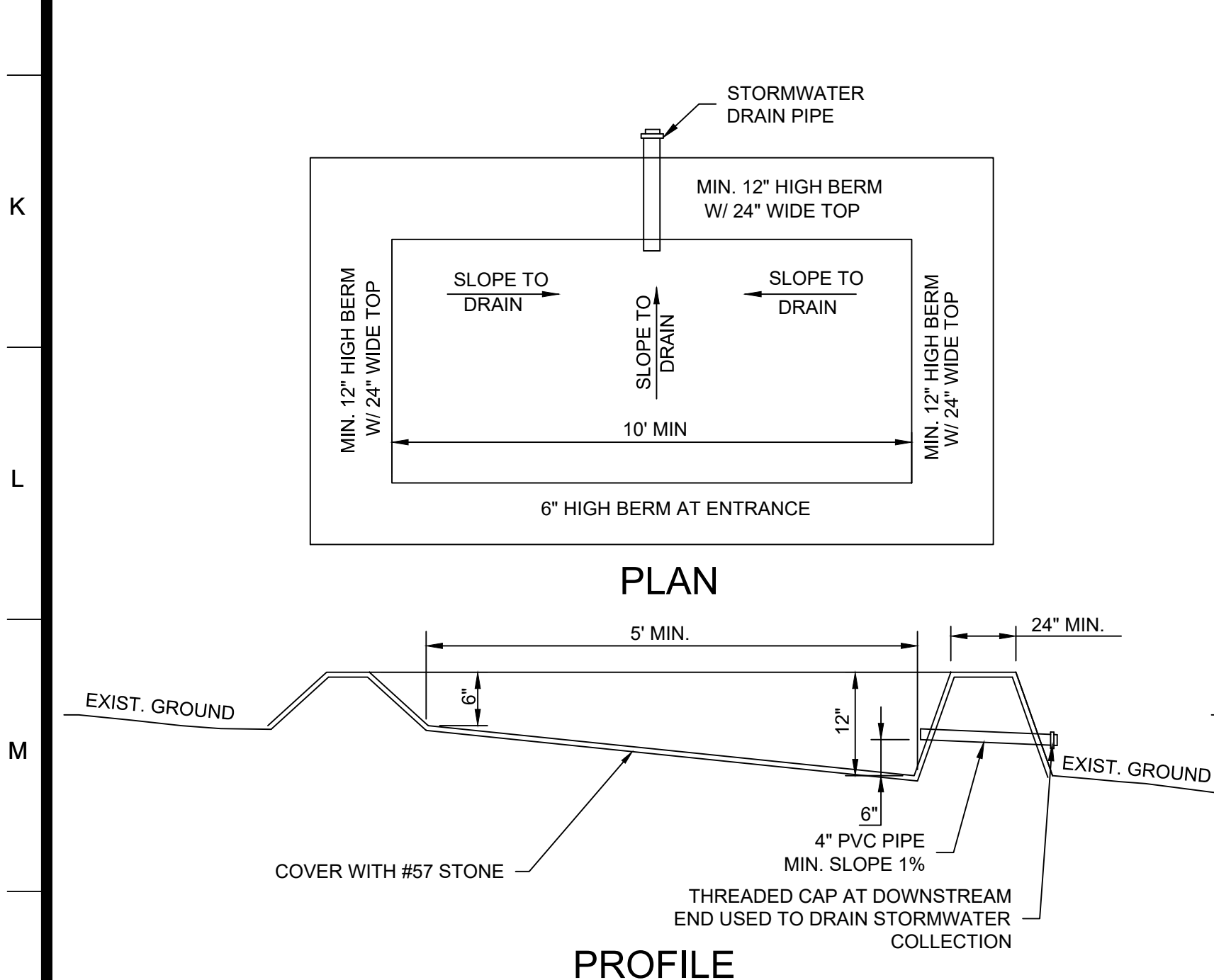
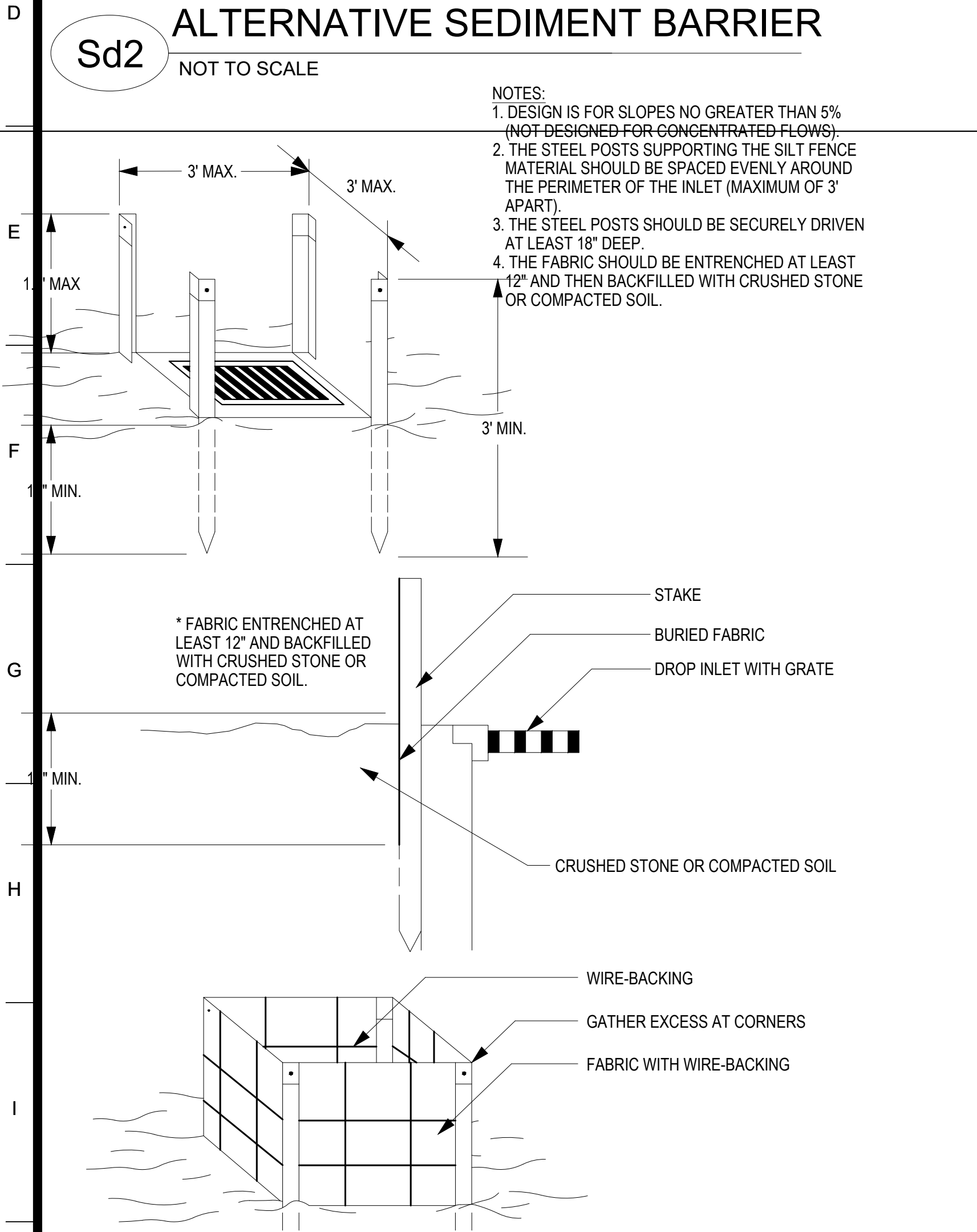
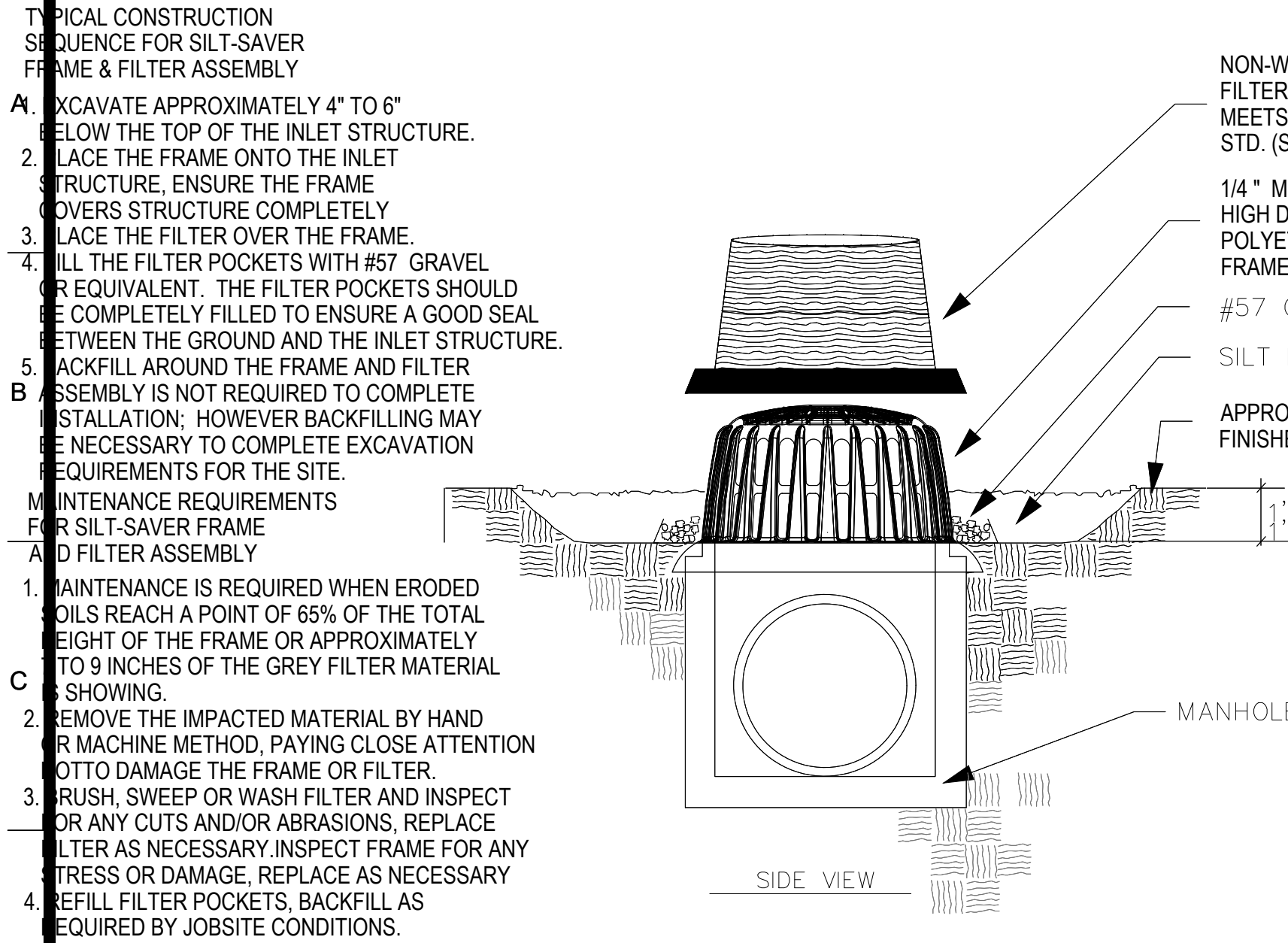












FERTILIZER, LIME AND MULCH REQUIREMENTS FOR GRASSING						
SPECIES	YEAR	N-P-K	RATE	LIME RATE	HAY/STRAW RATE *7	
COOL SEASON GRASSES	FIRST	6-12-12	1500 LBS/AC	2,000 LBS/AC	2.5 TONS/AC	Ds3
	SECOND	6-12-12	1000 LBS/AC			Ds4
COOL SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500 LBS/AC	2,000 LBS/AC	2.5 TONS/AC	Ds3
	MAINTENANCE	0-10-10	400 LBS/AC			Ds4
GROUND COVER	FIRST	10-10-10	1300 LBS/AC *3	2,000 LBS/AC	2.5 TONS/AC	Ds2
	SECOND	10-10-10	1300 LBS/AC *3			
TEMPORARY COVER CROPS SEEDDED ALONE	FIRST	10-10-10	500 LBS/AC	2,000 LBS/AC	2.5 TONS/AC	Ds2
	SECOND	6-12-12	1500 LBS/AC	2,000 LBS/AC	2.5 TONS/AC	Ds3
WARM SEASON GRASSES	FIRST	6-12-12	800 LBS/AC			Ds4
	MAINTENANCE	10-10-10	400 LBS/AC	30 LBS/AC		
WARM SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500 LBS/AC	50 LBS/AC *6		Ds3
	MAINTENANCE	0-10-10	400 LBS/AC			Ds4

**NOTES:**

- \*1 APPLY IN SPRING FOLLOWING SEEDING
- \*2 APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED
- \*3 APPLY IN 3 SPLIT APPLICATIONS
- \*4 APPLY WHEN PLANTS ARE PRUNED
- \*5 APPLY TO GRASS SPECIES ONLY
- \*7 MULCH SHALL BE APPLIED TO COVER 75% OF THE GROUND MIN.

**DISTURBED AREA STABILIZATION (WITH TEMPORARY & PERMANENT) GRASSING DETAIL**

**Ds2 Ds3** NO SCALE

SEEDING TABLE FOR		POUNDS OF SEED PER ACRE										REQUIRED PERMANENT PLANT
		Ds2	Ds3	Ds4	Ds5	Ds6	Ds7	Ds8	Ds9	Ds10	Ds11	
NAME COUNTY	PLANTING ZONES	PLANTING DATES	ANNUAL RYE GRASS	COMMON BERMUDA GRASS	FLORIDA BERMUDA GRASS	TALL FESCUE	WEeping LOVE GRASS	WHITE DUTCH CLOVER	CENTIPED GRASS (1)	INTERSTATE LESPEDEZA (ISARIED)	INTERSTATE LESPEDEZA (UNSAVED)	
THESE COMBINATIONS SHALL BE PLACED ON SHOULDERS, MEDIANS AND RELATIVELY FLAT AREAS												
X	1B	MARCH 1 TO MAY 15	10	10	50	6						TALL RESCUE OR COMMON BERMUDAGRASS
	1	MARCH 1 TO MAY 15	10	10		6						COMMON BERMUDAGRASS
	1, 1B	MAY 16 TO JULY 31	10	10								COMMON BERMUDAGRASS
	1, 1B	AUG. 1 TO FEB. 29	15									NONE (TEMPORARY GRASSES) (2)
X	1A	FEB. 15 TO APRIL 30	10	10		6						COMMON BERMUDAGRASS
	1A	MAY 1 TO AUG. 15	10	10								COMMON BERMUDAGRASS
	1A	AUG. 16 TO FEB. 14	15									NONE (TEMPORARY GRASSES) (2)
	2	FEB. 15 TO APRIL 15	10	10		6						COMMON BERMUDAGRASS
X	2	APRIL 16 TO AUG. 31	10	10								COMMON BERMUDAGRASS
	2	SEPT. 1 TO FEB. 14	15									NONE (TEMPORARY GRASSES) (2)
	3	FEB. 15 TO AUG. 31	10	10								COMMON BERMUDAGRASS
	3	MAR. 15 TO AUG. 15	10				15*					CENTIPEDGRASS (1)
X	3	SEPT. 1 TO FEB. 14	15									NONE (TEMPORARY GRASSES) (2)
	4	FEB. 15 TO AUG. 31	10	10								COMMON BERMUDAGRASS
	4	MAR. 15 TO AUG. 15	10				15*					CENTIPEDGRASS (1)
	4	SEPT. 1 TO FEB. 14	15									NONE (TEMPORARY GRASSES) (2)
THESE COMBINATIONS SHALL BE PLANTED ON BACK SLOPES, FILL SLOPES AND AREAS WHICH WILL NOT BE SUBJECT TO FREQUENT MOWING												
X	1, 1A, 1B	MARCH 1 TO JULY 31		10		4			60			INTERSTATE LESPEDEZA
	1, 1A, 1B	AUG. 1 TO FEB. 29*			30					75		INTERSTATE LESPEDEZA (4)
	2	FEB. 15 TO JUNE 30				4			60			INTERSTATE LESPEDEZA
	2	JULY 1 TO AUG. 31		10		4			75			INTERSTATE LESPEDEZA
X	2	SEPT. 1 TO FEB. 14*		10		30			75			INTERSTATE LESPEDEZA (4)
	3	FEB. 15 TO AUG. 31		10		4			60			INTERSTATE LESPEDEZA
	3	SEPT. 1 TO FEB. 14		15								NONE (TEMPORARY GRASSES) (2)
	4	FEB. 1 TO AUG. 31		10	10	4			60			INTERSTATE LESPEDEZA
X	4	SEPT. 1 TO JAN. 31		15								NONE (TEMPORARY GRASSES) (2)

\*1. CENTIPEDEGRASS IS TO BE PLANTED ONLY WHERE SHOWN ON THE PLANS.

2. SEE SUBSECTION 700.04F OF THE GEORGIA DEPARTMENT OF TRANSPORTATION (G.D.O.T.) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", 2001, OR CURRENT EDITION.

3. ANY LOVEGRASS OTHER THAN ON NONMOWABLE (STEEP) SLOPES SHALL BE REMOVED AT NO ADDITIONAL COST TO THE OWNER.

\*4. IF IN THE OPINION OF SOUTHERN A&E, LLC, EROSION CONTROL CAN BEST BE PROVIDED BY PLANTING TEMPORARY GRASS DURING WINTER, 15 POUNDS PER ACRE OF ANNUAL RYEGRASS SHALL BE PLANTED IN ACCORDANCE WITH SUBSECTION 700.04F FROM NOV. 15 TO FEB. 15. SEE NOTE (2), ABOVE, AND PROJECT SPECIFICATION SECTION "32 92 00" "LAWN AND GRASSES".

**COUNTY:**

**ZONE 1:** BANKS, BARROW, BARTOW, CARROL, CHEROKEE, DAWSON, ELBERT, FLOYD, FORSYTH, FRANKLIN, GORDON, GWINNETT, HALL, HARALSON, HART, JACKSON, MADISON, PAULDING, PICKENS, POLK, STEPHENS.

**ZONE 1A:** CLAYTON, COBB, DEKALB, DOUGLAS, FULTON, ROCKDALE.

**ZONE 1B:** CATOOSA, CHATOOGA, DADE, FANNIN, GILMER, HABERSHAM, LUMPKIN, MURRAY, RABUN, TOWNS, UNION, WALKER, WHITE, WHITFIELD.

**ZONE 2:** BALDWIN, BUTTS, CLARKE, COLUMBIA, COWETA, FAYETTE, GREENE, HANCOCK, HARRIS, HEARD, HENRY, JASPER, HONES, LAMAR, LINCOLN, MCDUFFIE, MERIWETHER, MONROE, MORGAN, NEWTON, OCONEE, GLETHORPE, PIKE, PUTNAM, SPALDING, TALIAFERRO, TALBOT, TROUP, UPSON.

**ZONE 3:** BAKER, BEN HILL, BLECKLEY, BROOKS, BURKE, CLAY, CHATTAHOOCHEE, COLQUITT, CRISP, DODGE, DOOLY, EARLY, EVANS, JEFFERSON, LAURENS, MILLER, MITCHELL, MUSCOGEE, PULASKI, RICHMOND, SCHLEY, TAYLOR, TERRELL, TIFT, WASHINGTON, WEBSTER, WHEELER, WILCOX, WILKINSON.

**ZONE 4:** APPLING, ATKINSON, BACON, BRYAN, CAMDEN, CHARLTON, CHATHAM, CLINCH, COFFEE, ECHOLS, EFFINGHAM, GLYNN, LIBERTY, LONG, MCINTOSH, WARE.

SA&E PROJECT NUMBER  
BID PACKAGE/PHASING  
ISSUED FOR CONSTRUCTION

01-615-056  
BP-1  
10/15/2019

Southern A&E  
7951 Troon Circle  
Austell, Ga 30168  
(770) 819-7777  
architects & engineers

LLC

REVISIONS

R #	Doc #	Date

FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
**HEARD COUNTY SCHOOLS**  
545 MAIN STREET, FRANKLIN, GA 30217  
**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

CONSTRUCTION DETAILS

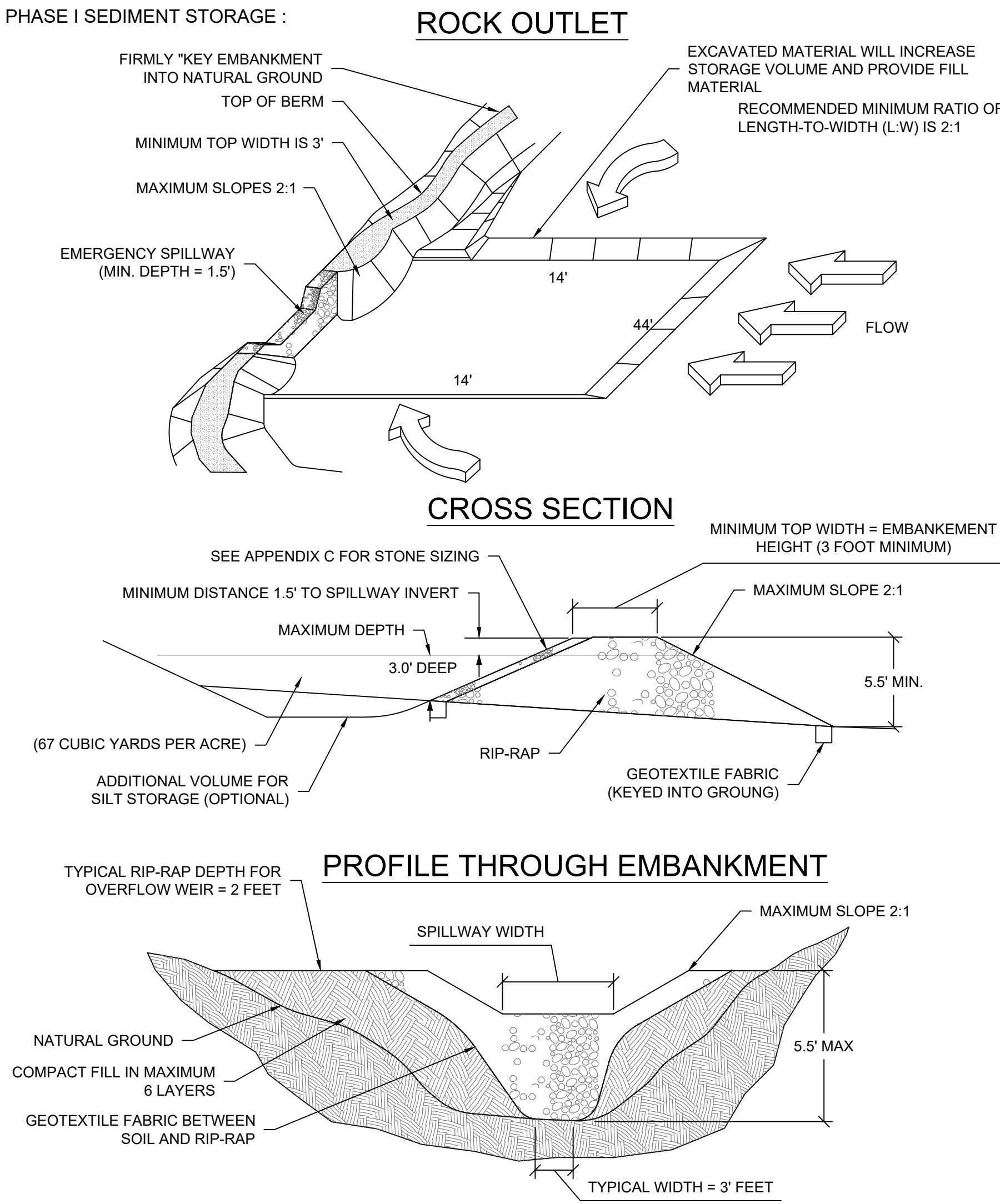
SITE OF GEORGIA  
GREGORY SCHWABER  
REGISTERED ARCHITECT

GEORGIA  
REGISTERED  
ARCHITECT  
TERRANCE REAGAN

DRAWING NUMBER  
**C504**

ORIGINAL SHEET SIZE: ARCH E1 (30" X 42")

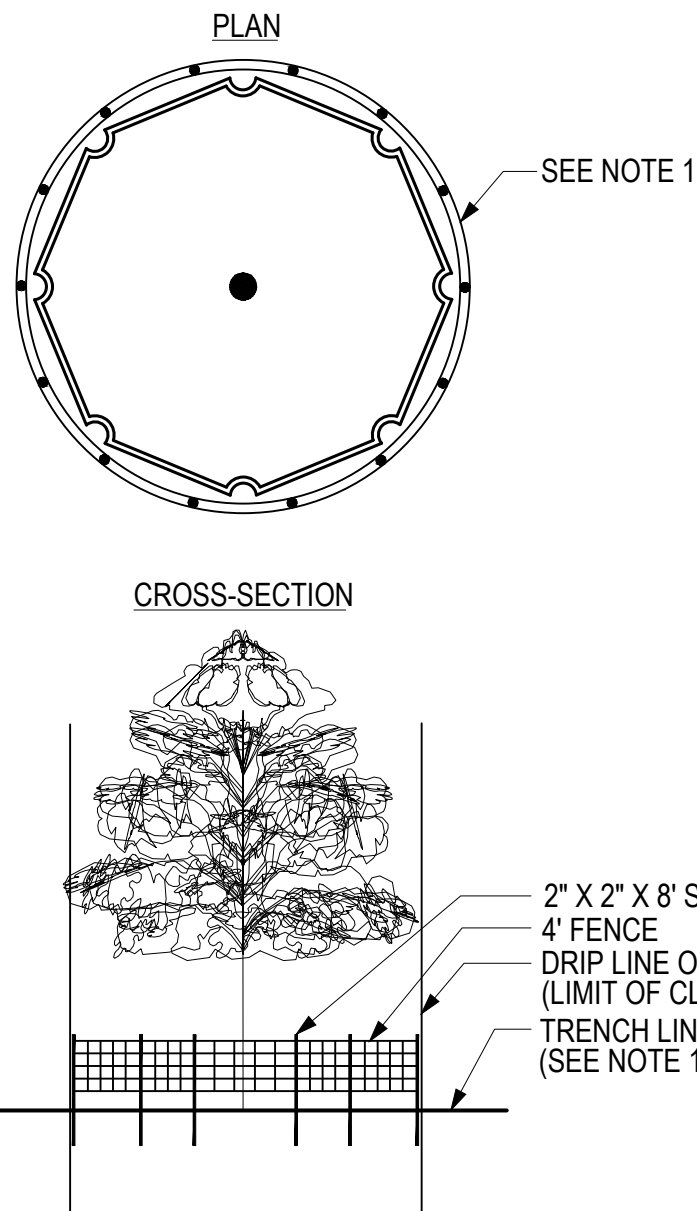




**Sd4-C** TEMPORARY SEDIMENT TRAP #1  
NOT TO SCALE

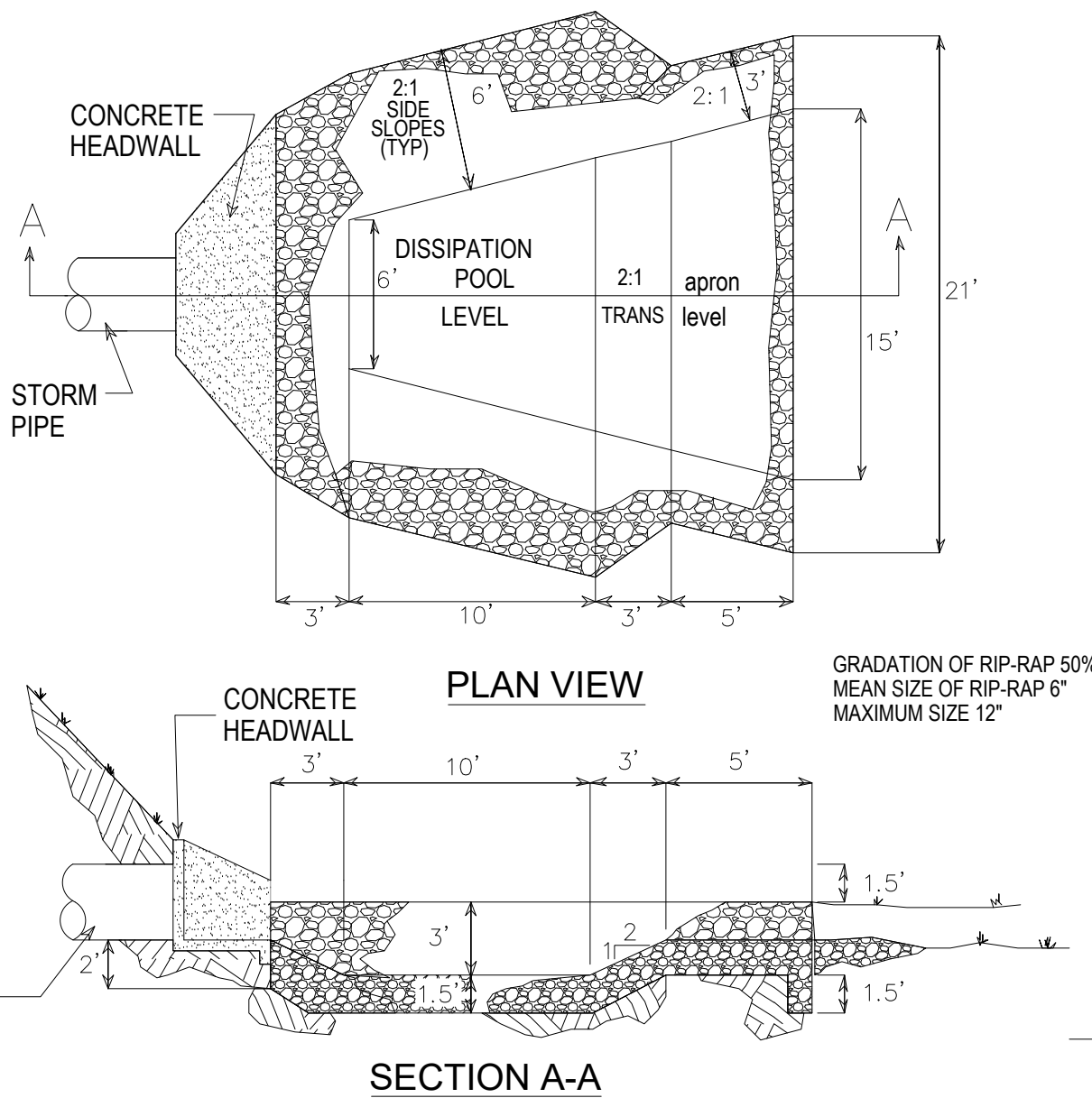
PHASE I SEDIMENT STORAGE DETAILS:

PHASE 1 DISTURBED AREA & SEDIMENT STORAGE REQUIREMENTS  
REQUIREMENTS: 2.10 ACRES X 67' = 140 CUBIC YARDS  
DISTURBED AREA TRAP #1: 1.20 AC - PROVIDED: 80 CY  
DISTURBED AREA TRAP #2: 0.90 AC - PROVIDED: 60 CY  
TOTAL **2.10 AC** **140 CY**



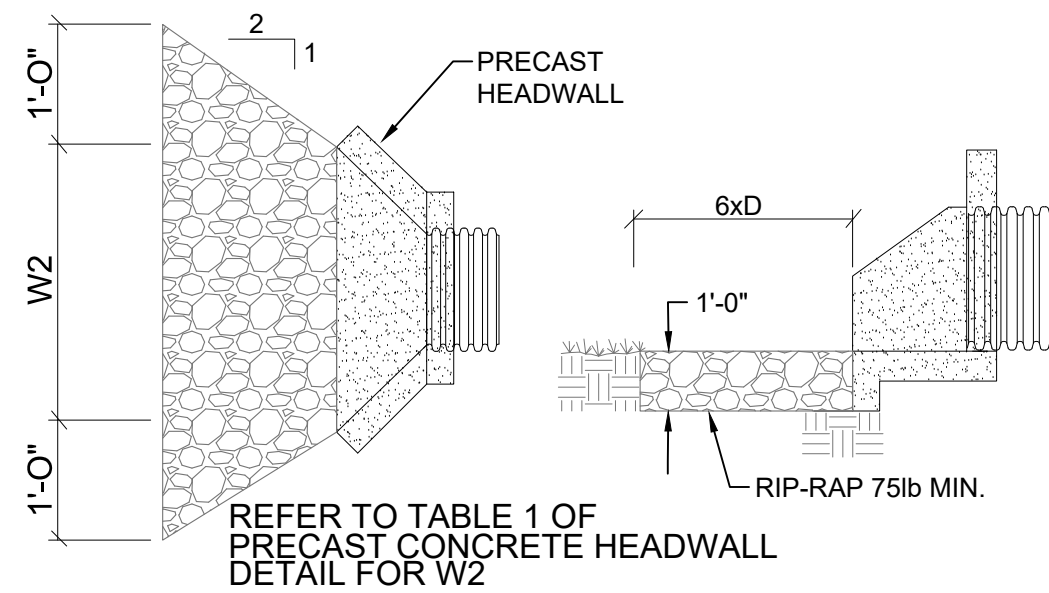
- NOTES:
- SPACE STAKES AT INTERVALS SUFFICIENT TO MAINTAIN ALL FENCING OUT OF DRIP LINE OR AS SHOWN BY ENGINEER. SET STAKES NO GREATER THAN 6 FEET ON CENTER-REBAR IS NOT TO BE USED FOR STAKES.
  - MAINTAIN FENCE BY REPAIRING AND/OR REPLACING DAMAGED FENCE. DO NOT REMOVE FENCING PRIOR TO LANDSCAPING OPERATIONS.
  - DO NOT STORE OR STACK MATERIALS, EQUIPMENT, OR VEHICLES WITHING FENCED AREA.
  - FENCE SHALL BE ORANGE VINYL/PVC "SAFETY FENCE" 4' HIGH MINIMUM.

**Tr** TREE PROTECTION DETAIL  
NOT TO SCALE



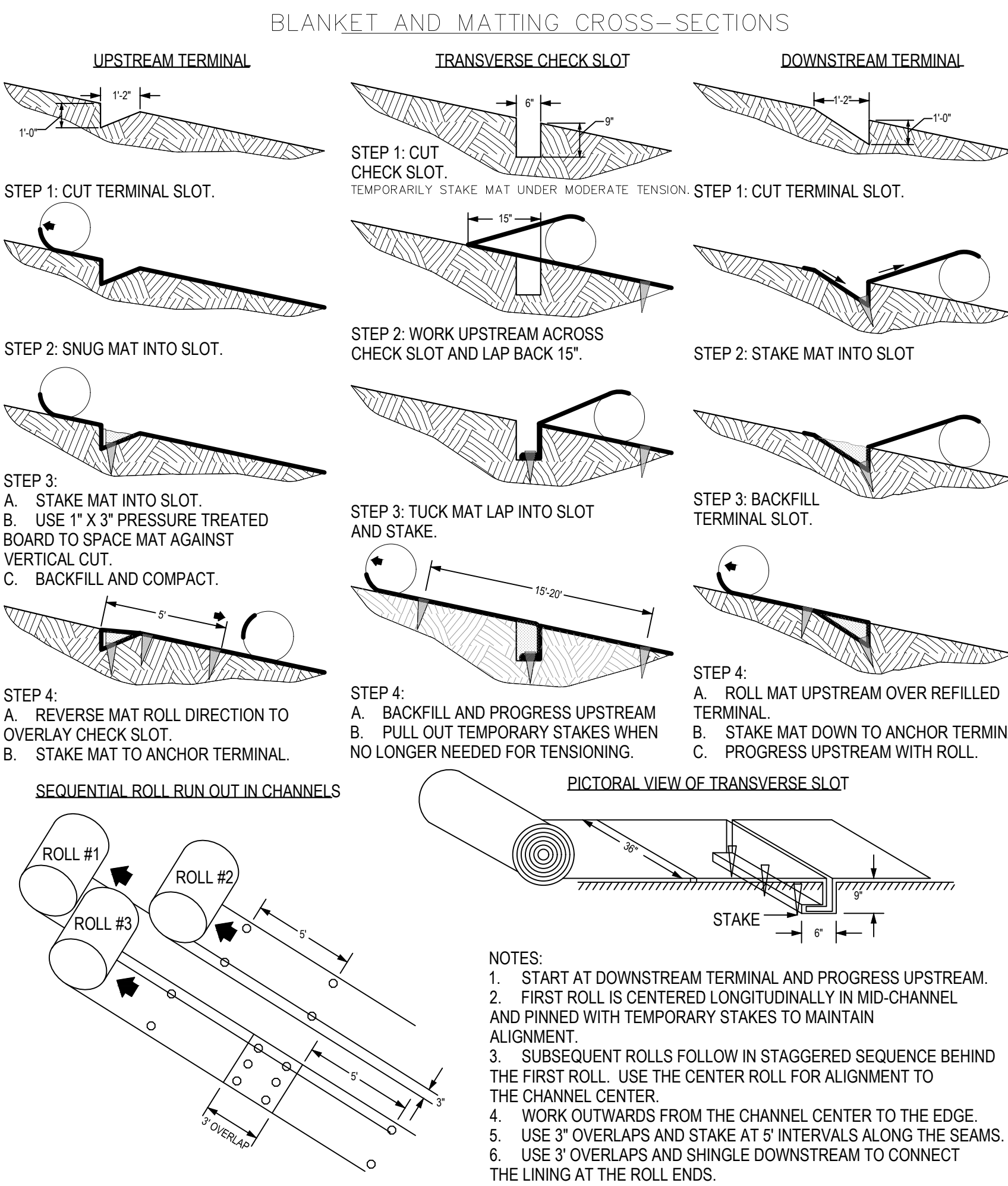
**Sb** STILLING BASIN  
NOT TO SCALE

**St** STORM DRAIN OUTLET PROTECTION  
NOT TO SCALE



**Ss** SLOPE STABILIZATION DETAIL  
NOT TO SCALE

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



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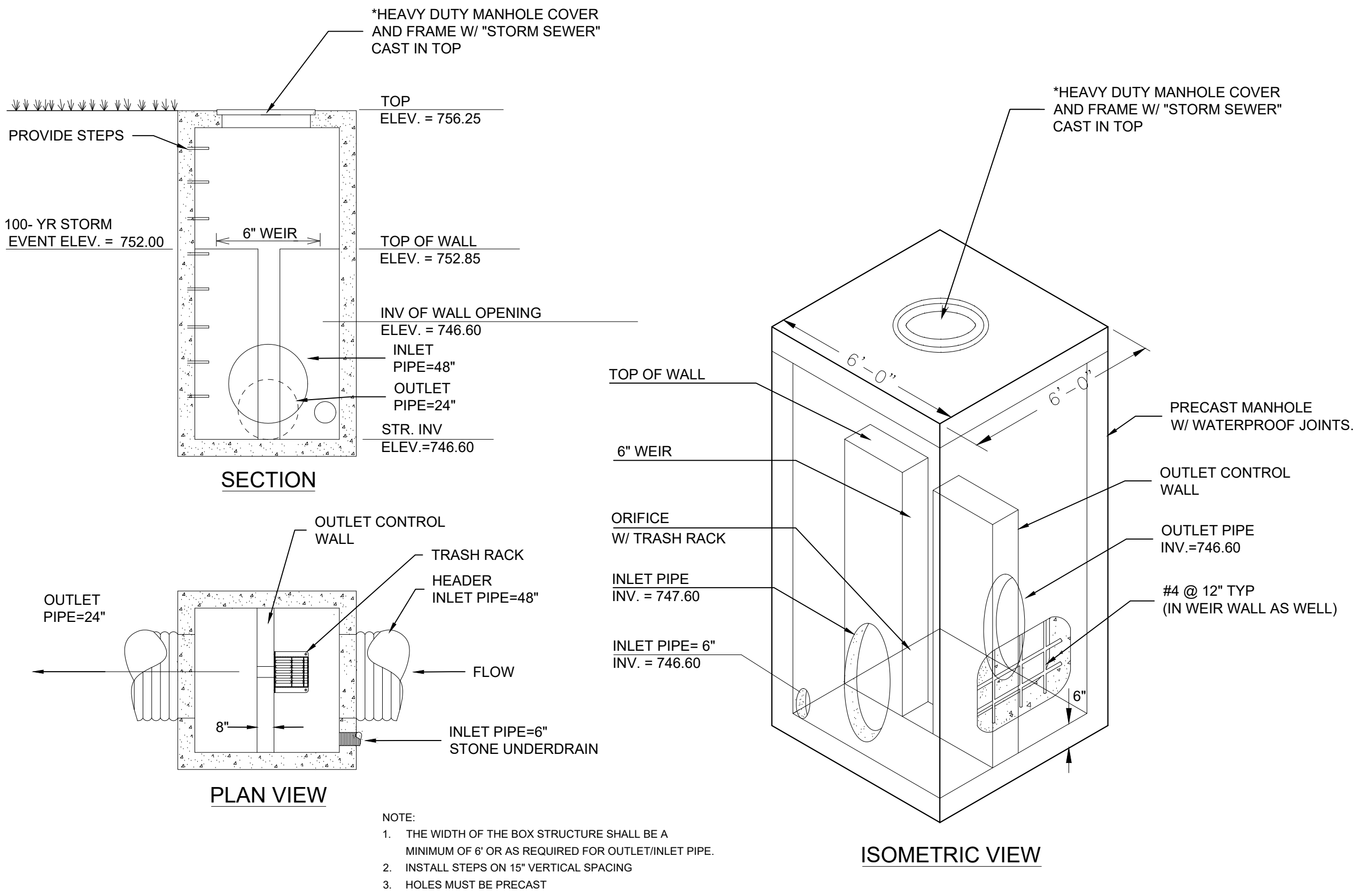
FACILITY CODE NUMBER: 674-0110  
GYMNASIUM/AUDITORIUM FOR:  
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**HEARD COUNTY SCHOOL SYSTEM**  
FRANKLIN, GEORGIA

CONSTRUCTION DETAILS

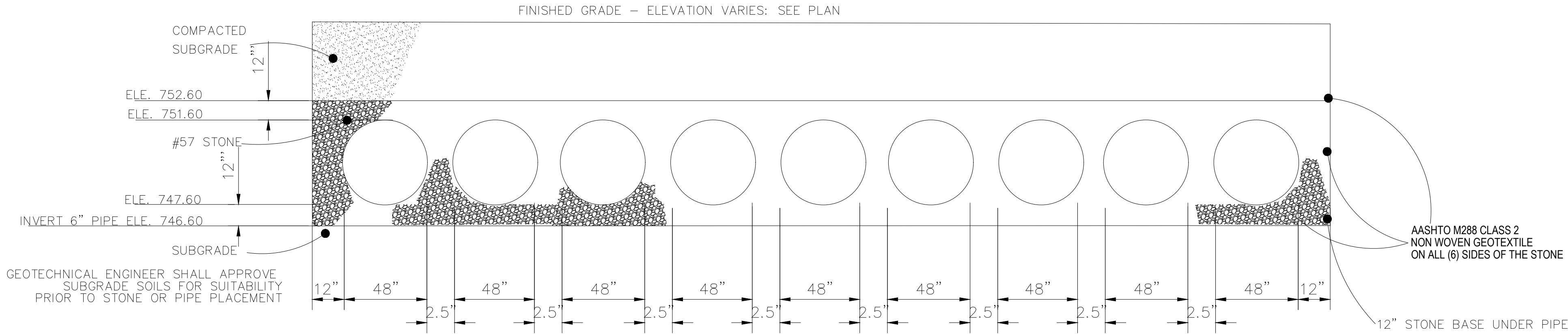
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OUTLET STRUCTURE DETAIL  
NOT TO SCALE



STORM WATER DETENTION UPPER POND SECTION  
NOT TO SCALE

**INSPECTION & MAINTENANCE**

STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT

A. INSPECTION PORTS (IF PRESENT)

A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN

A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED

A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG

A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)

A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

B. ALL ISOLATOR ROWS

B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW

B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE

i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY

ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE

B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS

A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED

B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN

C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE CHAMBER SYSTEM.

**NOTES**

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.

2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

**OPERATION & MAINTENANCE PLAN:**

FIRST YEAR OF OPERATION: THE OWNER SHALL CONDUCT QUARTERLY INSPECTIONS OF THE UNDERGROUND PIPE STORAGE SYSTEM AND OUTLET STRUCTURE.

SECOND AND THIRD YEAR: THE OWNER SHALL CONDUCT BIENNIAL INSPECTIONS OF THE DETENTION POND SYSTEM AND THE OUTLET STRUCTURE.

FOUR YEAR AND MORE: THE OWNER SHALL CONDUCT ANNUAL INSPECTIONS OF DETENTION POND SYSTEM AND OUTLET STRUCTURE.

INSPECTIONS SHALL CONSIST OF OF THE FOLLOWING:

- INSPECT TO VERIFY OUTLET STRUCTURE IS CLEAR OF SEDIMENT AND DEBRIS.
- INSPECT TO VERIFY THE STORM PIPE IS CLEAR OF SEDIMENT AND DEBRIS.
- INSPECT TO VERIFY THE PIPE/CHAMBERS STORAGE IS CLEAR OF SEDIMENT AND DEBRIS.
- VACUUM OUT BUILDUP OF SEDIMENT AS REQUIRED TO MAINTAIN CLEAN SYSTEM.

SEE HYDROLOGY REPORT FOR ADDITIONAL MAINTENANCE REQUIREMENTS OF WATER QUALITY UNIT(S) AND UNDERGROUND DETENTION SYSTEM.

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		1	AD3	11-20-2019
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CONSTRUCTION DETAILS				
STATE OF GEORGIA REGISTERED ARCHITECT GREGORY SCHLANGER EXPIRATION DATE: 12/31/2021		GEORGIA REGISTERED ARCHITECT MICHAEL REAGAN EXPIRATION DATE: 12/31/2021		DRAWING NUMBER
				C506