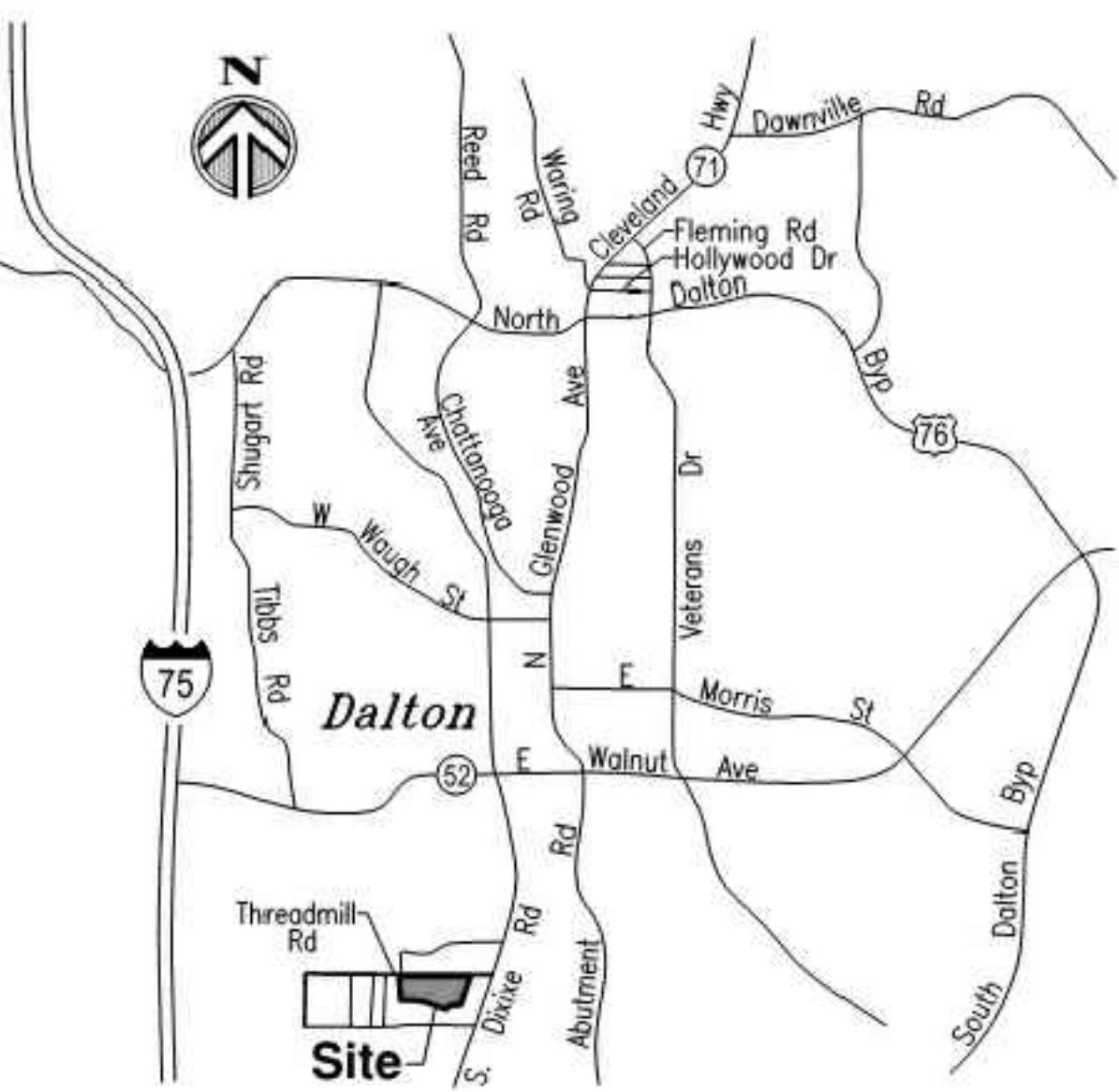


INDEX OF DRAWINGS

RENOVATIONS TO: AL ROLLINS PARK

521 THREADMILL RD.
DALTON, GA 30720

SITE LOCATION MAP



BUILDING INFORMATION

OWNER: CITY OF DALTON
300 W. WAUGH ST.
DALTON, GA. 30722
CONSTRUCTION TYPE: N/A
OCCUPANCY TYPE: N/A
NUMBER OF STORIES: N/A
BUILDING SPRINKLERED: N/A
BUILDING SQUARE FOOTAGE: N/A

THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF KRH ARCHITECTS AND HAVE BEEN PREPARED AS AN INSTRUMENT OF SERVICE FOR THE CITY OF DALTON. THE USE OR REPRODUCTION IN ANY FORM OF THESE CONTRACT DOCUMENTS WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT IS PROHIBITED.

COPYRIGHT 2025 ©

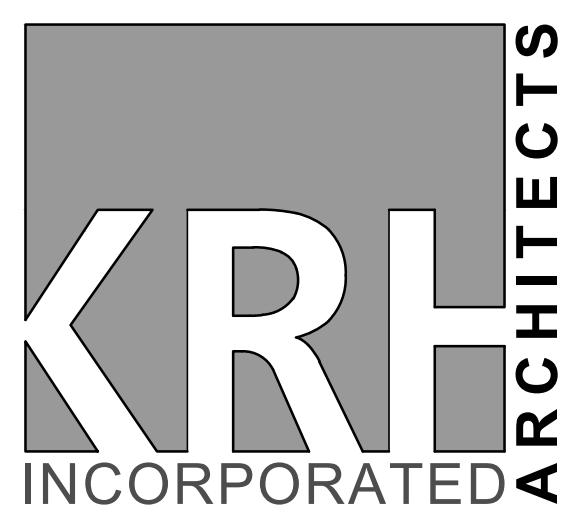
CODE INFORMATION

ALL WORK IN RENOVATED AREAS SHALL BE IN COMPLIANCE WITH THE FOLLOWING CODES:
NFPA 101, 2024 LIFE SAFETY CODE, WITH CURRENT GEORGIA AMENDMENTS*
NFPA 13, 2022 EDITION, WITH CURRENT GEORGIA AMENDMENTS*
NFPA 70, 2020 NATIONAL ELECTRICAL CODE, WITH CURRENT GEORGIA AMENDMENTS*
NFPA 72, 2022 EDITION, WITH CURRENT GEORGIA AMENDMENTS*
2018 INTERNATIONAL BUILDING CODE, WITH CURRENT GEORGIA AMENDMENTS*
2018 INTERNATIONAL FIRE CODE, WITH CURRENT GEORGIA AMENDMENTS*
2018 INTERNATIONAL MECHANICAL CODE, WITH CURRENT GEORGIA AMENDMENTS*
2018 INTERNATIONAL PLUMBING CODE, WITH CURRENT GEORGIA AMENDMENTS*
2018 INTERNATIONAL FUEL GAS CODE, WITH CURRENT GEORGIA AMENDMENTS*
2023 NATIONAL ELECTRIC CODE, WITH CURRENT GEORGIA AMENDMENTS*
2015 INTERNATIONAL ENERGY CONSERVATION CODE, WITH CURRENT GEORGIA AMENDMENTS*

GEORGIA 120-3-20 EFFECTIVE JANUARY 1, 2020, ACCESS TO AND USE OF PUBLIC FACILITIES BY HANDICAPPED PERSONS.

ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS

*THESE AMENDMENTS TO THE STATE MINIMUM STANDARD CODES CAN BE FOUND AT THE GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS WEBSITE. ALL LISTED AMENDMENTS FOR EACH CORRESPONDING CODE ARE APPLICABLE.



ARCHITECTURAL

KRH ARCHITECTS, INC.
855 ABUTMENT RD., STE. 4
DALTON, GA 30721
TEL. 706.529.5895

CIVIL

PWH ENGINEERING, INC.
2900 DELK RD., STE. 700 #318
MARIETTA, GA 30067
TEL. 770.433.8190

STRUCTURAL

MECHANICAL

ELECTRICAL

T1.1	TITLE SHEET, BUILDING INFORMATION	C6	EROSION CONTROL CHECKLIST
C1	SURVEY	C6.1	EROSION CONTROL NOTES
C1.1	EXISTING CONDITIONS / DEMOLITION PLAN	C6.2	EROSION CONTROL INITIAL PHASE
C2	PROJECT NOTES	C6.3	EROSION CONTROL INTERMEDIATE PHASE
C2.1	SITE PLAN	C6.4	EROSION CONTROL FINAL PHASE
C2.2	SITE DETAILS	C6.5	EROSION CONTROL DETAILS
C2.3	SITE DETAILS	C6.6	EROSION CONTROL DETAILS
C3	GRADING PLAN	C6.7	EROSION CONTROL DETAILS
C3.1	GRADING DETAILS	C7	CONSTRUCTION DETAILS
C4	UTILITY PLAN	C7.1	CONSTRUCTION DETAILS
C4.1	UTILITY PLAN	C7.2	CONSTRUCTION DETAILS
C5	PROFILES	C7.3	CONSTRUCTION DETAILS
		C7.4	CONSTRUCTION DETAILS
		C7.5	CONSTRUCTION DETAILS
		C7.6	CONSTRUCTION DETAILS

PROJECT
NUMBER

24-006

FACILITY CODE

DRAWING REVISIONS
NO. TYPE DATE

-	-	-
-	-	-
-	-	-
-	-	-
-	-	-


DATE

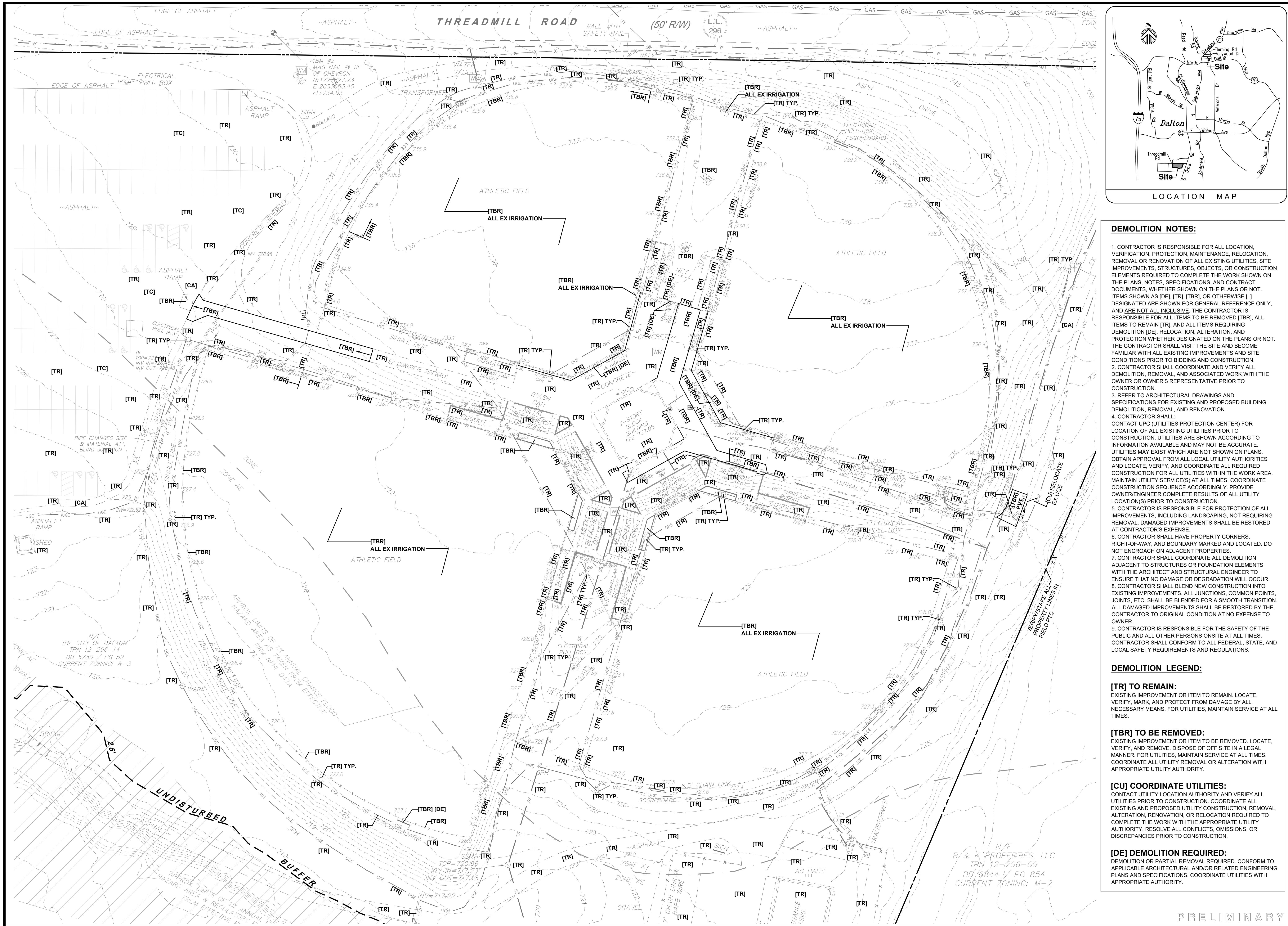
12/01/25

SHEET INDEX

T1.1

- PRELIMINARY REVIEW
- CHECKSET REVIEW
- FINAL SET REVIEW
- FOR CONSTRUCTION





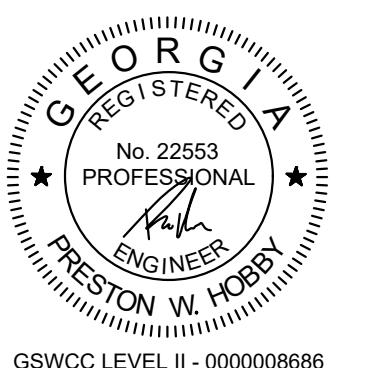
THIS DRAWING IS THE PROPERTY OF KRH ARCHITECTS, INC. IT IS NOT TO BE REPRODUCED IN WHOLE OR IN PART. IT SHALL BE RETURNED UPON REQUEST. COPYRIGHT AS DATED KRH ARCHITECTS INC. NOT VALID UNLESS SIGNED AND SEALED

PROJECT NUMBER 24-006
DATE 12/01/25
REVISIONS NO. DATE

KRH INCORPORATED ARCHITECTS
855 ABUTMENT ROAD SUITE FOUR DALTON, GA 30721 TEL. 706.529.5895

CIVIL ENGINEERING SITE DEVELOPMENT
PKWEN @ MGE @ RTN 9
200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-9190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE 1=20

RENOVATIONS TO:
AL ROLLINS PARK
521 THREADMILL ROAD DALTON, GA 30720
CITY OF DALTON PARKS AND RECREATION

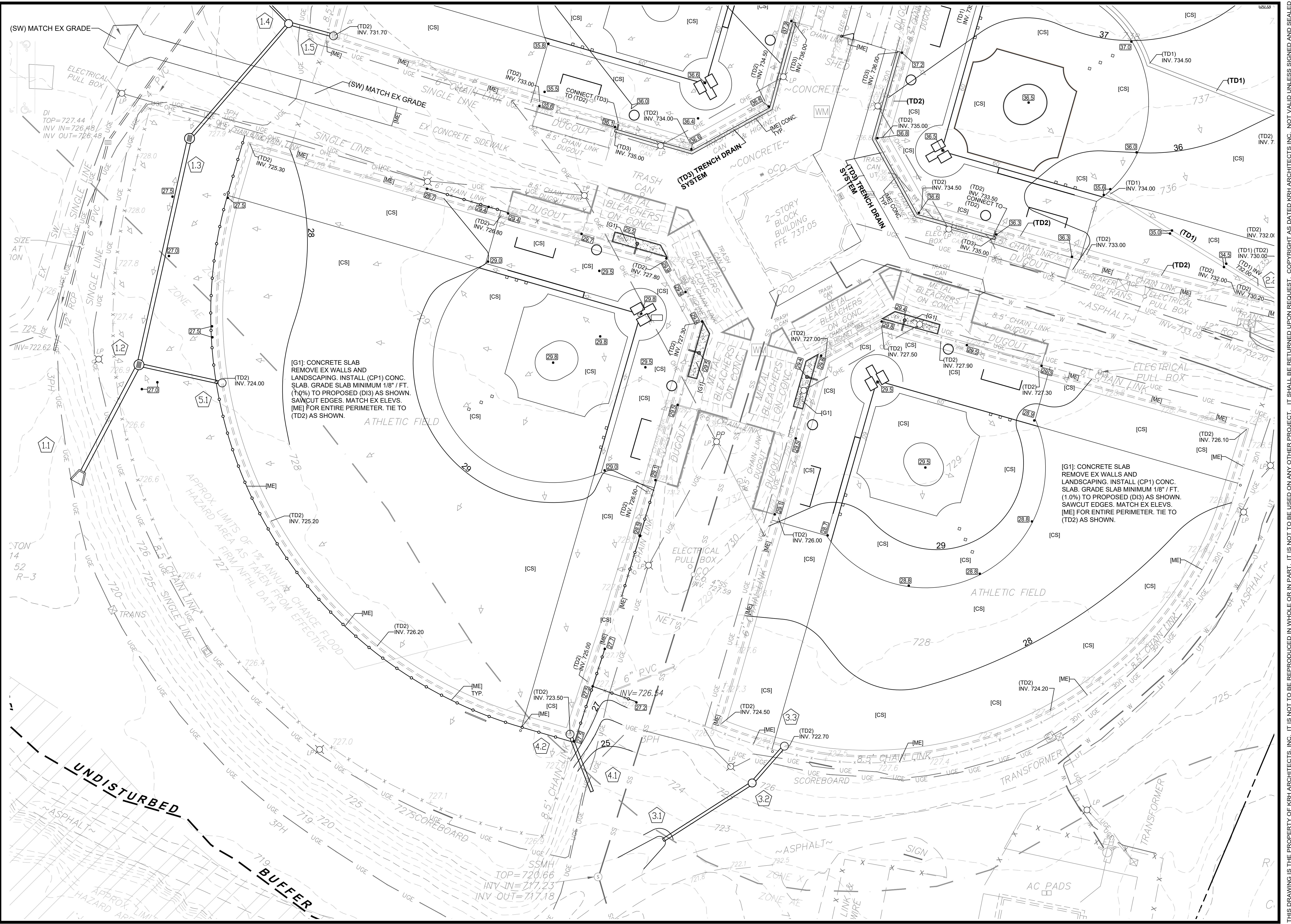


SHEET INDEX

GRADING DETAILS

SHEET INDEX

C3.1



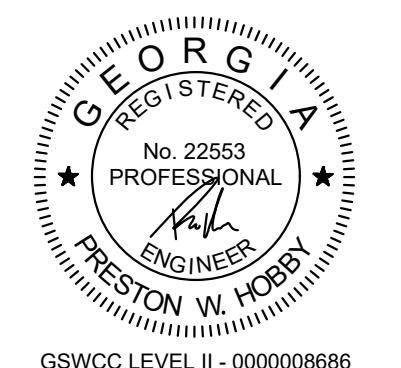
PROJECT NUMBER
24-006
DATE
12/01/25
REVISIONS
NO. DATE

KR
INCORPORATED ARCHITECTS

855 ABUTMENT ROAD
SUITE FOUR
DALTON, GA 30721
TEL. 706.529.5895

PWEN
CIVIL ENGINEERING SITE DEVELOPMENT
2000 DEP ROAD SITE #00 #318 • MARIETTA, GA 30067 • PH: 770/433-9190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25 SCALE: 1" = 20'

RENOVATIONS TO:
AL ROLLINS PARK
521 THREADMILL ROAD DALTON, GA 30720
CITY OF DALTON PARKS AND RECREATION



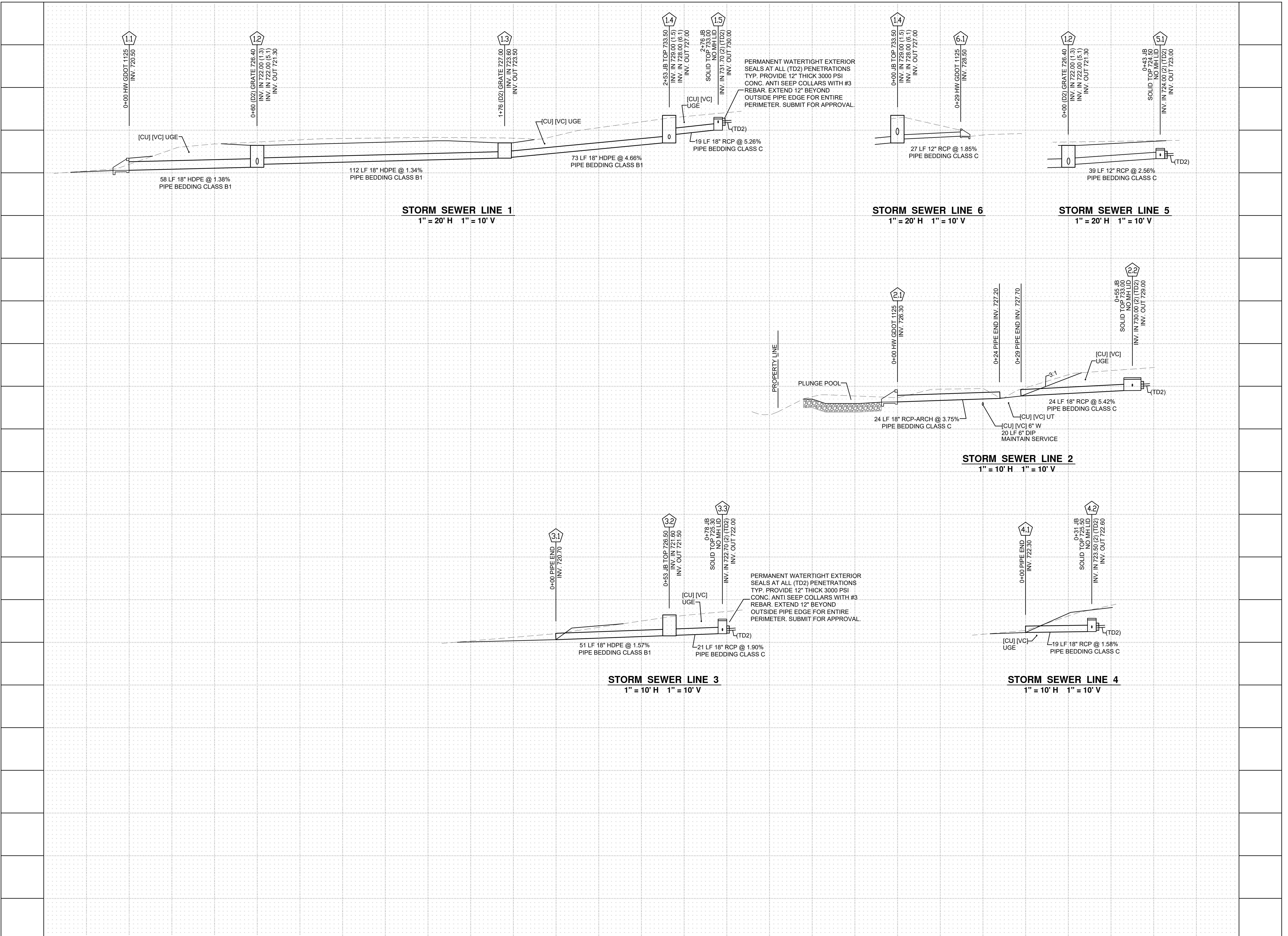
SHEET INDEX

PROFILES

SHEET INDEX

C5

THIS DRAWING IS THE PROPERTY OF KRH ARCHITECTS, INC. IT IS NOT TO BE REPRODUCED IN WHOLE OR IN PART. IT SHALL BE RETURNED UPON REQUEST. COPYRIGHT AS DATED KRH ARCHITECTS INC. NOT VALID UNLESS SIGNED AND SEALED



LOCAL AUTHORITY EROSION CONTROL NOTES:

1. ALL MATERIALS, CONSTRUCTION, AND VEGETATIVE PRACTICES SHALL CONFORM TO THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA", CURRENT EDITION.
 2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE PAD (CO) AT ALL TIMES IN A CONDITION WHICH WILL PREVENT THE TRACKING OR FLOW OF MUD OR SILT ONTO PUBLIC STREETS OR RIGHT-OF-WAY.
 3. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF ALL EROSION CONTROL MEASURES AND PRACTICES AS SHOWN ON THE PLANS PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
 4. THIS SITE IS WITHIN A 100 YEAR FLOOD HAZARD PER FEMA F.I.R.M. MAP 13313C130D & 13313C135D, DATED 04-17-2012.
 5. OWNER / DEVELOPER:
 CITY OF DALTON PARKS AND RECREATION
 904 CIVIC DRIVE
 DALTON, GA 30721
 PHONE: 706-278-5404
 24 HOUR CONTACT: WILL CHAPPELL: 706-278-5404
 6. EXISTING LAND USE:
 THE SITE IS CURRENTLY DEVELOPED AS A PARK WITH PARKING, DRIVES, ATHLETIC FIELDS, GRASSED, OPEN AND WOODED AREAS. GROUND COVER IS SOIL, GRASS, SMALL BRUSH, WITH PARTIAL WOODED AREAS. THE SITE IS LOCATED AT 521 THREADMILL ROAD, DALTON, GA 30720, WHITFIELD COUNTY, GEORGIA. PROPOSED CONSTRUCTION IS GRADING, NEW SOD AND INFILDS, NEW BATHROOMS INFIELDS FOR EXISTING ATHLETIC FIELDS, GRADING, STORM SEWER, UTILITIES, AND RENOVATIONS WITH ASSOCIATED IMPROVEMENTS AS SHOWN.
 7. ADDITIONAL EROSION CONTROL MEASURES OR DEVICES MAY BE REQUIRED BY THE LOCAL AUTHORITY OR THE ENGINEER.
 8. THE CONTRACTOR SHALL MAINTAIN AND INSPECT EROSION CONTROL MEASURES ON A DAILY BASIS, AND AFTER EACH STORM EVENT. ALL EROSION CONTROL DEVICES SHALL BE CLEANED OF SEDIMENT AS REQUIRED FOR PROPER FUNCTION AND ALL SEDIMENT SHALL BE REMOVED FROM EVERY DEVICE AFTER EACH RAINFALL EVENT.
 9. ALL DISTURBED AREAS SHALL BE TEMPORARILY AND PERMANENTLY GRASSED OR LANDSCAPED USING VEGETATIVE PRACTICES AS SHOWN ON THE PLANS AND SPECIFICATIONS. TEMPORARY GRASSING NOT MEETING PERMANENT GRASSING SPECIFICATION SHALL BE COMPLETELY REMOVED AND ERADICATED PRIOR TO INSTALLATION OF PERMANENT GRASSING.

10. THE CONTRACTOR SHALL NOT ENCROACH OR DISTURB IN ANY WAY THE STATE AND LOCAL DESIGNATED STREAM OR CREEK BUFFERS WHETHER SHOWN ON THE PLANS OR NOT. ALL STATEWATERS SHALL HAVE A MINIMUM 25 FOOT UNDISTURBED BUFFER AREA FROM THE TOP EDGE OF THE CREEK BANK ON EACH SIDE. LOCAL AUTHORITIES MAY HAVE BUFFER WIDTHS GREATER THAN 25 FEET. CONTRACTOR SHALL VERIFY BUFFER WIDTH WITH LOCAL AUTHORITY PTC AND MAINTAIN BUFFER AT ALL TIMES.
 11. SEE EROSION CONTROL DETAILS FOR DETAILS OF EROSION CONTROL MEASURES AND DEVICES.
 12. LOCAL AUTHORITY LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES AND IN PLAIN VIEW FROM A ROAD OR STREET.
 13. INSTALL EROSION CONTROL MATS OR EQUIVALENT MATERIALS ON SLOPES EQUAL TO OR GREATER THAN 4H:1V AND 10 FOOT VERTICAL.
 14. STABILIZE SLOPES, INSTALL (MB) MATTING AND BLANKETS AND VEGETATIVE COVER AS SOON AS FINAL GRADE IS COMPLETE.
 15. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED DAILY, AFTER EACH RAIN, AND REPAIRED AND CLEANED AS NECESSARY.
 16. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY AFTER ON-SITE INSPECTION.

17. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171 - TYPE C TEMPORARY SILT FENCE, OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 1995 EDITION.
 18. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A MINIMUM 25 FOOT BUFFER ALONG THE BANKS OF ALL STATEWATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR HAS GRANTED A VARIANCE, OR WHERE A DRAINAGE STRUCTURE OR ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PLANS AND IMPLEMENTED.

NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50 FOOT BUFFER ALONG THE BANKS OF ALL STATEWATERS CLASSIFIED AS TROUT STREAMS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR HAS GRANTED APPROVAL FOR ALTERNATE BUFFER REQUIREMENTS IN ACCORDANCE WITH O.C.G.A. 12-7-6, OR WHERE A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PLANS AND IMPLEMENTED.

19. THE PROFESSIONAL WHO SELLS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.

NPDES MONITORING NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR FULL COMPLIANCE WITH ALL NPDES NOTIFICATION, MONITORING, DOCUMENTATION, RECORD KEEPING, AND PERMIT REQUIREMENTS. COPY OWNER IMMEDIATELY ON ALL DOCUMENTATION REQUIRED.

2. CONTRACTOR SHALL PROVIDE ADDITIONAL BMP'S AS NOTED PER APPENDIX 1.

EROSION CONTROL LEGEND	
Sd1	Sediment Barrier (Silt Fence)
Co	Construction Entrance/Exit
Cd	Check Dam
Sd3	Sediment Basin
Sd2	Inlet Sediment Trap
Rt	Retrofitting
St	Storm Drain Outlet Protection
Mb	Matting and Blankets
Di	Diversion
Cw	Concrete Washdown
Tst	Temporary Sediment Trap
Ds1	Disturbed Area Stabilization (Mulching Only)
Ds2	Disturbed Area Stabilization (Temporary Seeding)
Ds3	Disturbed Area Stabilization (Permanent Seeding)
Du	Dust Control

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS GAR100001
SWCD: LIMESTONE VALLEY

Project Name: RENOVATIONS FOR AL ROLLINS BASEBALL Address: 521 THREADMILL RD DALTON GA 30720
Local Issuing Authority: WHITFIELD COUNTY Date on Plans: 12-10-25
Name & Email of person filling out checklist: PRESTON HOBBY P.E. pwhengineering@bellsouth.net

TO BE SHOWN ON ES&PC PLAN

Page # Y/N
C6 Y
C6.6 Y
C6.7 Y
C6.8 Y
C6.9 Y
C6.10 Y
C6.11 Y
C6.12 Y
C6.13 Y
C6.14 Y
C6.15 Y
C6.16 Y
C6.17 Y
C6.18 Y
C6.19 Y
C6.20 Y
C6.21 Y
C6.22 Y
C6.23 Y
C6.24 Y
C6.25 Y
C6.26 Y
C6.27 Y
C6.28 Y
C6.29 Y
C6.30 Y
C6.31 Y
C6.32 Y
C6.33 Y
C6.34 Y
C6.35 Y
C6.36 Y
C6.37 Y
C6.38 Y
C6.39 Y
C6.40 Y
C6.41 Y
C6.42 Y
C6.43 Y
C6.44 Y
C6.45 Y
C6.46 Y
C6.47 Y
C6.48 Y
C6.49 Y
C6.50 Y
C6.51 Y
C6.52 Y
C6.53 Y
C6.54 Y
C6.55 Y
C6.56 Y
C6.57 Y
C6.58 Y
C6.59 Y
C6.60 Y
C6.61 Y
C6.62 Y
C6.63 Y
C6.64 Y
C6.65 Y
C6.66 Y
C6.67 Y
C6.68 Y
C6.69 Y
C6.70 Y
C6.71 Y
C6.72 Y
C6.73 Y
C6.74 Y
C6.75 Y
C6.76 Y
C6.77 Y
C6.78 Y
C6.79 Y
C6.80 Y
C6.81 Y
C6.82 Y
C6.83 Y
C6.84 Y
C6.85 Y
C6.86 Y
C6.87 Y
C6.88 Y
C6.89 Y
C6.90 Y
C6.91 Y
C6.92 Y
C6.93 Y
C6.94 Y
C6.95 Y
C6.96 Y
C6.97 Y
C6.98 Y
C6.99 Y
C6.100 Y
C6.101 Y
C6.102 Y
C6.103 Y
C6.104 Y
C6.105 Y
C6.106 Y
C6.107 Y
C6.108 Y
C6.109 Y
C6.110 Y
C6.111 Y
C6.112 Y
C6.113 Y
C6.114 Y
C6.115 Y
C6.116 Y
C6.117 Y
C6.118 Y
C6.119 Y
C6.120 Y
C6.121 Y
C6.122 Y
C6.123 Y
C6.124 Y
C6.125 Y
C6.126 Y
C6.127 Y
C6.128 Y
C6.129 Y
C6.130 Y
C6.131 Y
C6.132 Y
C6.133 Y
C6.134 Y
C6.135 Y
C6.136 Y
C6.137 Y
C6.138 Y
C6.139 Y
C6.140 Y
C6.141 Y
C6.142 Y
C6.143 Y
C6.144 Y
C6.145 Y
C6.146 Y
C6.147 Y
C6.148 Y
C6.149 Y
C6.150 Y
C6.151 Y
C6.152 Y
C6.153 Y
C6.154 Y
C6.155 Y
C6.156 Y
C6.157 Y
C6.158 Y
C6.159 Y
C6.160 Y
C6.161 Y
C6.162 Y
C6.163 Y
C6.164 Y
C6.165 Y
C6.166 Y
C6.167 Y
C6.168 Y
C6.169 Y
C6.170 Y
C6.171 Y
C6.172 Y
C6.173 Y
C6.174 Y
C6.175 Y
C6.176 Y
C6.177 Y
C6.178 Y
C6.179 Y
C6.180 Y
C6.181 Y
C6.182 Y
C6.183 Y
C6.184 Y
C6.185 Y
C6.186 Y
C6.187 Y
C6.188 Y
C6.189 Y
C6.190 Y
C6.191 Y
C6.192 Y
C6.193 Y
C6.194 Y
C6.195 Y
C6.196 Y
C6.197 Y
C6.198 Y
C6.199 Y
C6.200 Y
C6.201 Y
C6.202 Y
C6.203 Y
C6.204 Y
C6.205 Y
C6.206 Y
C6.207 Y
C6.208 Y
C6.209 Y
C6.210 Y
C6.211 Y
C6.212 Y
C6.213 Y
C6.214 Y
C6.215 Y
C6.216 Y
C6.217 Y
C6.218 Y
C6.219 Y
C6.220 Y
C6.221 Y
C6.222 Y
C6.223 Y
C6.224 Y
C6.225 Y
C6.226 Y
C6.227 Y
C6.228 Y
C6.229 Y
C6.230 Y
C6.231 Y
C6.232 Y
C6.233 Y
C6.234 Y
C6.235 Y
C6.236 Y
C6.237 Y
C6.238 Y
C6.239 Y
C6.240 Y
C6.241 Y
C6.242 Y
C6.243 Y
C6.244 Y
C6.245 Y
C6.246 Y
C6.247 Y
C6.248 Y
C6.249 Y
C6.250 Y
C6.251 Y
C6.252 Y
C6.253 Y
C6.254 Y
C6.255 Y
C6.256 Y
C6.257 Y
C6.258 Y
C6.259 Y
C6.260 Y
C6.261 Y
C6.262 Y
C6.263 Y
C6.264 Y
C6.265 Y
C6.266 Y
C6.267 Y
C6.268 Y
C6.269 Y
C6.270 Y
C6.271 Y
C6.272 Y
C6.273 Y
C6.274 Y
C6.275 Y
C6.276 Y
C6.277 Y
C6.278 Y
C6.279 Y
C6.280 Y
C6.281 Y
C6.282 Y
C6.283 Y
C6.284 Y
C6.285 Y
C6.286 Y
C6.287 Y
C6.288 Y
C6.289 Y
C6.290 Y
C6.291 Y
C6.292 Y
C6.293 Y
C6.294 Y
C6.295 Y
C6.296 Y
C6.297 Y
C6.298 Y
C6.299 Y
C6.300 Y
C6.301 Y
C6.302 Y
C6.303 Y
C6.304 Y
C6.305 Y
C6.306 Y
C6.307 Y
C6.308 Y
C6.309 Y
C6.310 Y
C6.311 Y
C6.312 Y
C6.313 Y
C6.314 Y
C6.315 Y
C6.316 Y
C6.317 Y
C6.318 Y
C6.319 Y
C6.320 Y
C6.321 Y
C6.322 Y
C6.323 Y
C6.324 Y
C6.325 Y
C6.326 Y
C6.327 Y
C6.328 Y
C6.329 Y
C6.330 Y
C6.331 Y
C6.332 Y
C6.333 Y
C6.334 Y
C6.335 Y
C6.336 Y
C6.337 Y
C6.338 Y
C6.339 Y
C6.340 Y
C6.341 Y
C6.342 Y
C6.343 Y
C6.344 Y
C6.345 Y
C6.346 Y
C6.347 Y
C6.348 Y
C6.349 Y
C6.350 Y
C6.351 Y
C6.352 Y
C6.353 Y
C6.354 Y
C6.355 Y
C6.356 Y
C6.357 Y
C6.358 Y
C6.359 Y
C6.360 Y
C6.361 Y
C6.362 Y
C6.363 Y
C6.364 Y
C6.365 Y
C6.366 Y
C6.367 Y
C6.368 Y
C6.369 Y
C6.370 Y
C6.371 Y
C6.372 Y
C6.373 Y
C6.374 Y
C6.375 Y
C6.376 Y
C6.377 Y
C6.378 Y
C6.379 Y
C6.380 Y
C6.381 Y
C6.382 Y
C6.383 Y
C6.384 Y
C6.385 Y
C6.386 Y
C6.387 Y
C6.388 Y
C6.389 Y
C6.390 Y
C6.391 Y
C6.392 Y
C6.393 Y
C6.394 Y
C6.395 Y
C6.396 Y
C6.397 Y
C6.398 Y
C6.399 Y
C6.400 Y
C6.401 Y
C6.402 Y
C6.403 Y
C6.404 Y
C6.405 Y
C6.406 Y
C6.407 Y
C6.408 Y
C6.409 Y
C6.410 Y
C6.411 Y
C6.412 Y
C6.413 Y
C6.414 Y
C6.415 Y
C6.416 Y
C6.417 Y
C6.418 Y
C6.419 Y
C6.420 Y
C6.421 Y
C6.422 Y
C6.423 Y
C6.424 Y
C6.425 Y
C6.426 Y
C6.427 Y
C6.428 Y
C6.429 Y
C6.430 Y
C6.431 Y
C6.432 Y
C6.433 Y
C6.434 Y
C6.435 Y
C6.436 Y
C6.437 Y
C6.438 Y
C6.439 Y
C6.440 Y
C6.441 Y
C6.442 Y
C6.443 Y
C6.444 Y
C6.445 Y
C6.446 Y
C6.447 Y
C6.448 Y
C6.449 Y
C6.450 Y
C6.451 Y
C6.452 Y
C6.453 Y
C6.454 Y
C6.455 Y
C6.456 Y
C6.457 Y
C6.458 Y
C6.459 Y
C6.460 Y
C6.461 Y
C6.462 Y
C6.463 Y
C6.464 Y
C6.465 Y
C6.466 Y
C6.467 Y
C6.468 Y
C6.469 Y
C6.470 Y
C6.471 Y
C6.472 Y
C6.473 Y
C6.474 Y
C6.475 Y
C6.476 Y
C6.477 Y
C6.478 Y
C6.479 Y
C6.480 Y
C6.481 Y
C6.482 Y
C6.483 Y
C6.484 Y
C6.485 Y
C6.486 Y
C6.487 Y
C6.488 Y
C6.489 Y
C6.490 Y
C6.491 Y
C6.492 Y
C6.493 Y
C6.494 Y
C6.495 Y
C6.496 Y
C6.497 Y
C6.498 Y
C6.499 Y
C6.500 Y
C6.501 Y
C6.502 Y
C6.503 Y
C6.504 Y
C6.505 Y
C6.506 Y
C6.507 Y
C6.508 Y
C6.509 Y
C6.510 Y
C6.511 Y
C6.512 Y
C6.513 Y

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 31 of 46
Permit No. GAR100001

(3). Off-site vehicle tracking of dirt, soils, and sediments and the generation of dust shall be minimized or eliminated to the maximum extent practical. The Plan shall include the best management practice to be implemented at the site or construction activity.

(4). Nothing in this permit relieves a permittee from any obligation to comply with all applicable State and local regulations of waste disposal, sanitary sewer, septic and petroleum storage systems.

(5). The Plan shall include best management practices for the remediation of all petroleum spills and leaks as appropriate.

(6). The Plan shall include best management practices for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of vehicles. Washout of the drum at the construction site is prohibited. Additional information about best management practices for concrete washout is available at the USEPA website.

(7). All permittees are required to minimize the discharge of pollutants from dewatering trenches and excavations. Discharges are prohibited unless managed by appropriate controls.

4. Inspections.

a. Permittee requirements.

(1). Each day when any type of construction activity has taken place at a primary permittee's site, certified personnel provided by the primary permittee shall inspect: (a) all areas at the primary permittee's site where petroleum products are stored, used, or handled for spills and leaks from vehicles and equipment and (b) all locations at the primary permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking. These inspections must be conducted until a Notice of Termination is submitted.

(2). Measure and record rainfall within disturbed areas of the site that have not met final stabilization once every 24 hours except any non-working Saturday, non-working Sunday and non-working Federal holiday. The data collected for the purpose of compliance with this permit shall be representative of the monitored activity. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region.

(3). Certified personnel (provided by the primary permittee) shall inspect the following at least ~~one~~ every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday or twice).

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 32 of 46
Permit No. GAR100001

any non-working Federal holiday in which case the inspection shall be completed by the end of the next business day and/or working day, whichever occurs first): (a) disturbed areas of the primary permittee's construction site; (b) areas used by the primary permittee for storage of materials that are exposed to precipitation; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Part IV.D.4.a.(4). These inspections must be conducted until a Notice of Termination is submitted.

(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 has been submitted) 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).

(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.

(6). A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5), of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction site that has been phased has undergone final stabilization and a Notice of Termination is submitted to EPD. Such reports shall be readily available by end of the second business day and/or working day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify any incidents, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion, Sedimentation and Pollution Control Plan.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 33 of 46
Permit No. GAR100001

Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2. of this permit.

5. Maintenance. The Plan shall include a description of procedures to ensure the timely maintenance of vegetation, erosion and sediment control measures and other protective measures identified in the site plan.

6. Sampling Requirements. This permit requires the monitoring of nephelometric turbidity in receiving water(s) or outfalls in accordance with this permit. This paragraph shall not apply to any land disturbance associated with the construction of single-family homes which are not part of a subdivision or planned common development unless five (5) acres or more will be disturbed. The following procedures constitute EPD's guidelines for sampling turbidity.

a. *Sampling Requirements* shall include the following:

(1). A USGS topographic map, a topographic map or a drawing (referred to as a topographic map) that is a scale equal to or more detailed than a 1:24000 map showing the location of the site or the stand alone construction; (a) the location of all perennial and intermittent streams and other water bodies as shown on a USGS topographic map, and all other perennial and intermittent streams and other water bodies located during mandatory field verification, into which the stormwater is discharged and (b) the receiving water and/or outfall sampling locations. When the permittee has chosen to use a USGS topographic map, the location of the receiving water(s) is not shown on the USGS topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map from where the stormwater enters the receiving water(s) to the point where the receiving water(s) combines with the first blue line stream shown on the USGS topographic map;

(2). A written narrative of site specific analytical methods used to collect, handle and analyze the samples including quality control/quality assurance procedures. This narrative must include precise sampling methodology for each sampling location;

(3). When the permittee has determined that some or all outfalls will be sampled, a rationale must be included on the Plan for the NTU limits) selected from Appendix B. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water(s) (i.e., trout stream or supporting warm water fisheries); and

(4). Any additional information EPD determines necessary to be part of the Plan. EPD will provide written notice to the permittee of the information necessary and the time line for submittal.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 34 of 46
Permit No. GAR100001

b. *Sample Type.* All sampling shall be collected by "grab samples" and the analysis of these samples must be conducted in accordance with methodology and test procedures established by 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD.

(1). Sample containers should be labeled prior to collecting the samples.

(2). Samples should be well mixed before transferring to a secondary container.

(3). Large mouth, well cleaned and rinsed glass or plastic jars should be used for collecting samples. The jars should be cleaned thoroughly to avoid contamination.

(4). Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. If automatic sampling is utilized and the automatic sampler is not activated during the qualifying event, the permittee must utilize manual sampling or rising stage sampling during the next qualifying event. Dilution of samples is not required. Samples may be analyzed directly with a properly calibrated turbidimeter. Samples are not required to be cooled.

(5). Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this permit must be reported to EPD as specified in Part IV.E.

c. *Sampling Points.*

(1). For construction activities the primary permittee must sample all receiving water(s), or all outfall(s), or a combination of receiving water(s) and outfall(s). Samples taken for the purpose of compliance with this permit shall be representative of the monitored activity and representative of the water quality of the receiving water(s) and/or the stormwater outfalls using the following minimum guidelines:

(a). The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first stormwater discharge from the permitted activity (i.e., the discharge farthest upstream at the site) but downstream of any other stormwater discharges not associated with the permitted activity. Where appropriate, several upstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 35 of 46
Permit No. GAR100001

(b). The downstream sample for each receiving water(s) must be taken downstream of the confluence of the last stormwater discharge from the permitted activity (i.e., the discharge farthest downstream at the site) but upstream of any other stormwater discharge not associated with the permitted activity. Where appropriate, several downstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity value.

(c). Ideally the samples should be taken from the horizontal and vertical center of the receiving water(s) or the stormwater outfall channel(s).

(d). Care should be taken to avoid stirring the bottom sediments in the receiving water(s) or in the outfall stormwater channel.

(e). The sampling container should be held so that the opening faces upstream.

(f). The samples should be kept free from floating debris.

(g). Permittees do not have to sample sheet flow that flows onto undisturbed natural areas or areas stabilized by the project. For purposes of this section, stabilized shall mean, for unpaved areas and areas not covered by permanent structures and areas located outside the waste disposal limits of a landfill that has been certified by EPD for waste disposal, 100% of the soil surface is uniformly covered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas), or equivalent permanent stabilization measures as defined in the Manual (excluding a crop of annual vegetation and a seeding of target crop perennials appropriate for the region).

(h). All sampling pursuant to this permit must be done in such a way (including generally accepted sampling methods, locations, timing, and frequency) as to accurately reflect whether stormwater runoff from the construction site is in compliance with the standard set forth in Parts III.D.3. or III.D.4., whichever is applicable.

d. *Sampling Frequency.*

(1). The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any 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.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 36 of 46
Permit No. GAR100001

(2). However, where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the stormwater discharge.

3. Sampling by the permittee shall occur for the following qualifying events:

(a). For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a stormwater discharge that occurs during normal business hours as defined in this permit after all cleaning and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the location selected as the sampling location;

(b). In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a stormwater discharge that occurs during normal business hours as defined in this permit after 90 days after the first sampling event or after all mass grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected as the sampling location, whichever comes first;

(c). At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from the area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours* until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;

(d). Where sampling pursuant to (a), (b) or (c) above is required but not possible (or not required because there was no discharge), the permittee, in accordance with Part IV.D.4.a.(6), must include a written justification in the inspection report of why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and

(e). Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 37 of 46
Permit No. GAR100001

*Note that the permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any rain event that reaches or exceeds 0.5 inch and allows for sampling at any time of the day or week.

7. Non-stormwater discharges. Except for flows from fire fighting activities, sources of non-stormwater listed in Part III.A.2. of this permit that are combined with stormwater discharges associated with construction activity must be identified in the Plan. The Plan shall identify and ensure the implementation of appropriate pollution prevention measures for the non-stormwater component(s) of the discharge.

E. Reporting.

1. The applicable permittees are required to submit the sampling results to the EPD at the address shown in Part II.C. by the fifteenth day of the month following the reporting period. Reporting periods are months during which samples are taken in accordance with this permit. Sampling results shall be in a clearly legible format. Upon written notification, EPD may require the applicable permittee to submit the sampling results on a more frequent basis. Sampling and analysis of any 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 using the electronic submittal service provided by EPD. Sampling reports must be submitted to EPD until such time as a NOT is submitted in accordance with Part VI.

2. All sampling reports shall include the following information:

a. The rainfall amount, date, exact place and time of sampling or measurements;

b. The name(s) of the certified personnel who performed the sampling and measurements;

c. The date(s) analyses were performed;

d. The time(s) analyses were initiated;

e. The name(s) of the certified personnel who performed the analyses;

f. References and written procedures, when available, for the analytical techniques or methods used;

g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results;

h. Results which exceed 1000 NTU shall be reported as "exceeds 1000 NTU;" and

i. Certification statement that sampling was conducted as per the Plan.

3. All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate District Office of the EPD according to the schedule in Appendix A of this permit. The permittee shall retain a copy of the proof of submittal at the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part VI.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 38 of 46
Permit No. GAR100001

F. Retention of Records.

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

a. A copy of all Notices of Intent submitted to EPD;

b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;

c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;

d. A copy of all sampling information, results, and reports required by this permit;

e. A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;

f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit; and

g. Daily rainfall information collected in accordance with Part IV.D.4.a.(2), of this permit.

2. Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) or other reports requested by the EPD, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI, of this permit. These records must be maintained at the permittee's primary place of business at a designated alternative location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

Part V. STANDARD PERMIT CONDITIONS

A. Duty to Comply.

1. Each permittee must comply with all applicable conditions of this permit. Any permit noncompliance constitutes a violation of the Georgia Water Quality Control Act (O.C.G.A. §12-5-20, et seq.) and is grounds for enforcement action; for permit termination; or for denial of a permit renewal application. Failure of a primary permittee to comply with any applicable term or condition of this permit shall not relieve any other primary permittee from compliance with their applicable terms and conditions of this permit.

2. Each permittee must document in their records any and all known violations of this permit at his/her site within seven (7) days of his/her knowledge of the violation. A summary of these violations must be submitted to EPD by the permittee at the addresses shown in Part II.C. within fourteen (14) days of his/her discovery of the violation.

State of Georgia
Department of Natural Resources
Environmental Protection Division

Page 46 of 46
Permit No. GAR100001

To use these tables, select the size (acres) of the construction site. Then, select the surface water drainage area (square miles). The NTU matrix value arrived at from the above tables is the one to use in Part III.D.4.

Example 1: For a site size of 12.5 acres and a "trout stream" drainage area of 37.5 square miles, the NTU value to use in Part III.D.4. is 75 NTU.

Example 2: For a site size of 51.7 acres and "waters supporting warm water fisheries" drainage area of 72 square miles, the NTU value to use in Part III.D.4. is 100 NTU.

APPENDIX B

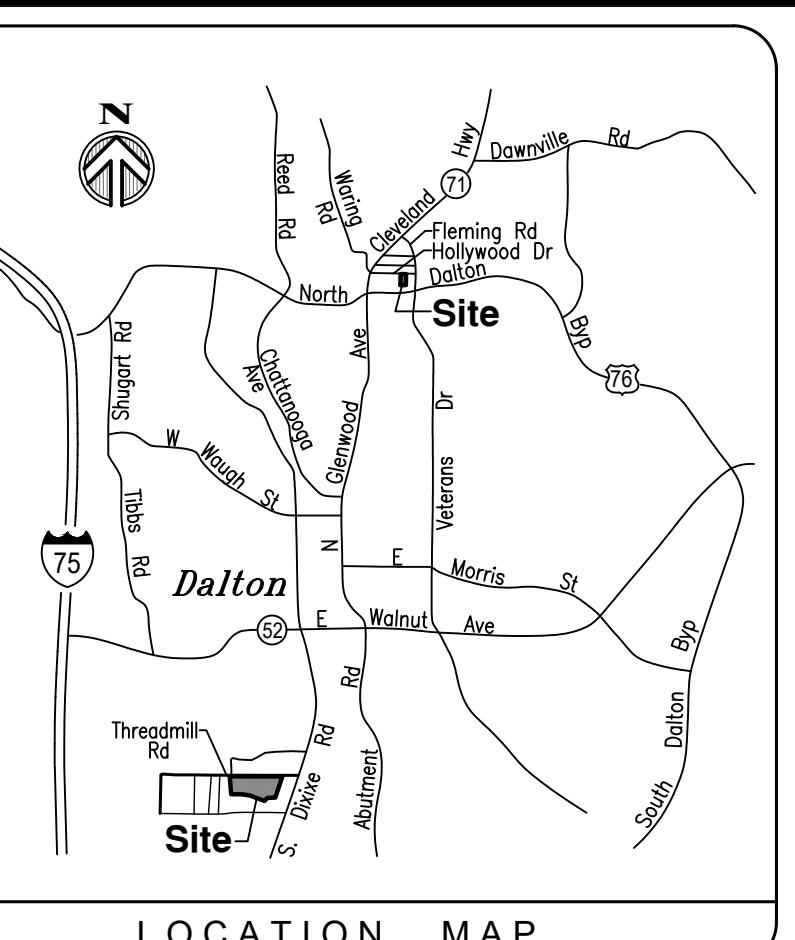
Nephelometric Turbidity Unit (NTU) TABLES

Trout Streams

	Surface Water Drainage Area, square miles	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
1.00-10	25	50	75	150	300	500	500	500	500
10.01-25	25	25	50	75	150	200	500	500	500
25.01-50	25	25	25	50	75	100	300	500	500
50.01-100	20	25	25	35	59	75	150	300	500
100.01+	20	20	25	25	50	50	60	100	100

Waters Supporting Warm Water Fisheries

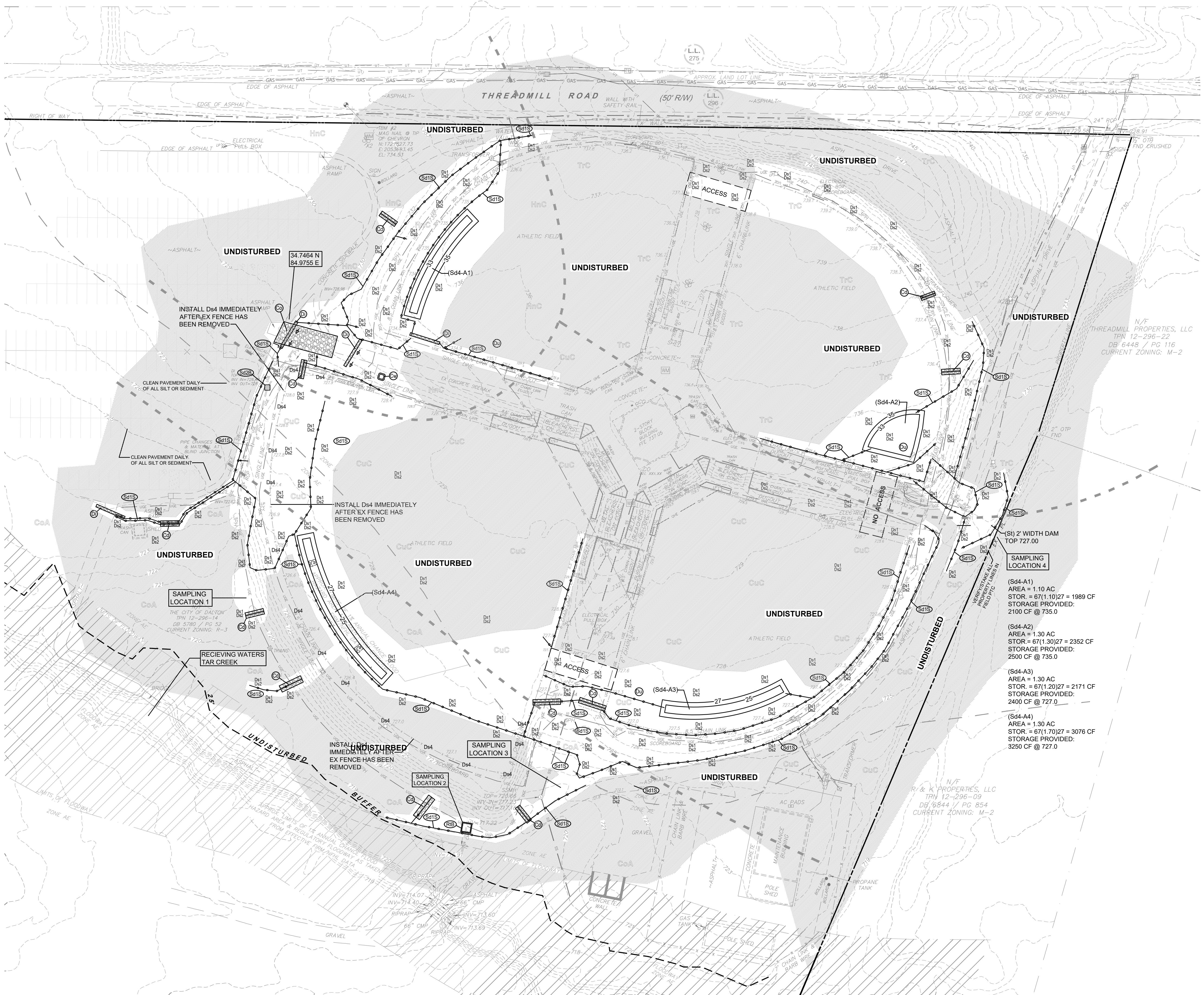
	Surface Water Drainage Area, square miles	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
1.00-10	75	150	200	400	750	750	750	750	750
10.01-25	50	100	200	300	500	750	750	750	750
25.01-50	50	100	100	200	300	750	750	750	750
50.01-100	50	50	100	100	150	300	600	600	600
100.01+	50	50	50	50	50	100	200	100	100

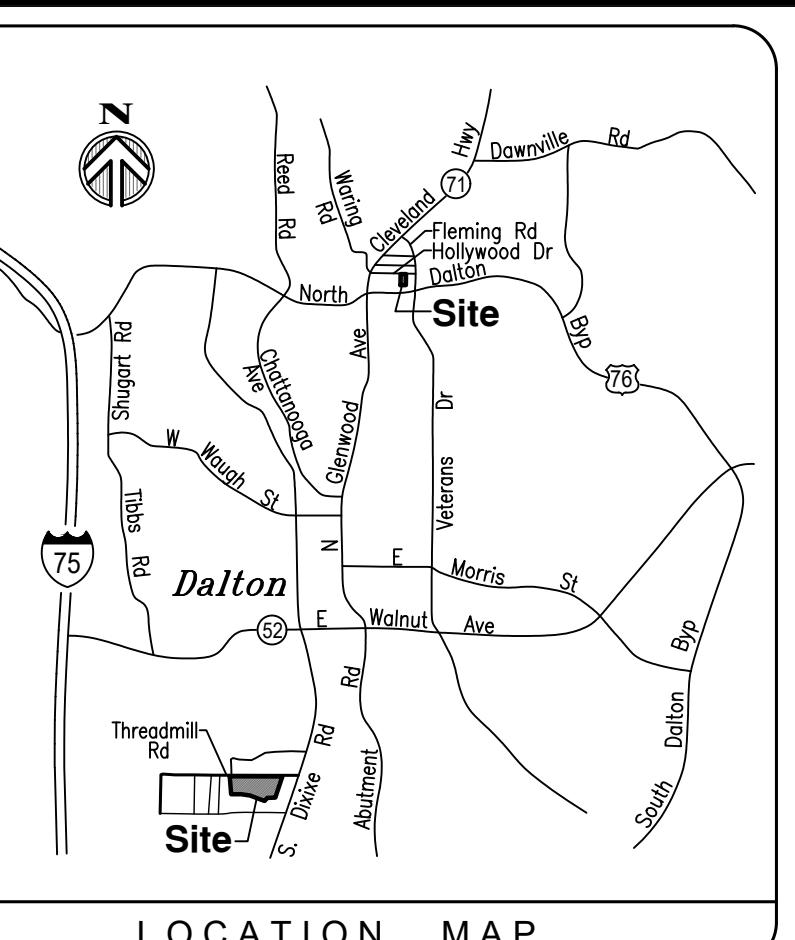


LOCATION MAP

EXISTING	+ 70.93 EXISTING SPOT ELEVATION
PROPOSED	• 54.3 PROPOSED SPOT ELEVATION
AC-ACRES	AC-ACRES
BC-BACK OF CURB	BC-BACK OF CURB
BL-BUILDING SETBACK	BL-BUILDING SETBACK
CB-CATCH BASIN	CB-CATCH BASIN
CG-CURB & GUTTER	CG-CURB & GUTTER
CH-CHORD	CH-CHORD
CL-COPLINE	CL-COPLINE
CW-COPPER METAL PIPE	CW-COPPER METAL PIPE
DB-DEED BOOK	DB-DEED BOOK
DE-DRAINAGE EASEMENT	DE-DRAINAGE EASEMENT
DI-DROP INLET	DI-DROP INLET
EP-EDGE PAVEMENT	EP-EDGE PAVEMENT
EX-EXISTING	EX-EXISTING
FH-FIRE HYDRANT	FH-FIRE HYDRANT
G-GAS LINE	G-GAS LINE
HW-HEADWALL	HW-HEADWALL
HD-HEAVY DUTY	HD-HEAVY DUTY
IPP-IRON PIN PLACED	IPP-IRON PIN PLACED
IP-IRON PIN FOUND	IP-IRON PIN FOUND
JD-JUNCTION BOX	JD-JUNCTION BOX
L-ARC LENGTH	L-ARC LENGTH
LOC-LIMIT OF CLEARING	LOC-LIMIT OF CLEARING
LP-LIGHT/LAMP POST	LP-LIGHT/LAMP POST
MH-MANHOLE	MH-MANHOLE
N/F-NOW OR FORMERLY	N/F-NOW OR FORMERLY
OHP-OVERHEAD POWER	OHP-OVERHEAD POWER
RD-ROOF DRAIN	RD-ROOF DRAIN
RR-RAILROAD	RR-RAILROAD
R/W-RIGHT OF WAY	R/W-RIGHT OF WAY
SD-STORM DRAIN	SD-STORM DRAIN
SF-SQUARE FEET	SF-SQUARE FEET
SS-SANITARY SEWER	SS-SANITARY SEWER
SSE-SAN. SEWER EASEMENT	SSE-SAN. SEWER EASEMENT
SSMH-SAN. SEWER MANHOLE	SSMH-SAN. SEWER MANHOLE
SW-CONCRETE SIDEWALK	SW-CONCRETE SIDEWALK
TB-THRU BLOCK	TB-THRU BLOCK
TER-TO BE REMOVED	TER-TO BE REMOVED
TOC-TO CENTER OF CURB	TOC-TO CENTER OF CURB
TR-TO REMAIN	TR-TO REMAIN
TV-TOP OF WALL	TV-TOP OF WALL
W-WATER	W-WATER
WV-WATER VALVE	WV-WATER VALVE

LEGEND





LOCATION MAP

EXISTING	+ 70.93 EXISTING SPOT ELEVATION
PROPOSED	• 54.3 PROPOSED SPOT ELEVATION
AC-ACRES	AC-ACRES
BC-BACK OF CURB	BL-BUILDING SETBACK
CB-CATCH BASIN	PP-POWER POLE
CC-CURB & GUTTER	PS-PARKING SPACE
CH-CHORD	PT-PIPE TO CONSTRUCTION
CL-CURBLINE	R-RADIUS
CW-CURB METAL PIPE	RD-ROOF DRAIN
DB-DEED BOOK	RR-RAILROAD
DE-DRAINAGE EASEMENT	R/W-RIGHT OF WAY
DI-DROP INLET	SD-STORM DRAIN
EP-EDGE PAVEMENT	SF-SQUARE FEET
EX-EXISTING	SS-SANITARY SEWER
FH-FIRE HYDRANT	SSE-SAN. SEWER EASEMENT
G-GAS LINE	SSMH-SAN. SEWER MANHOLE
HW-HEDWALL	SW-CONCRETE SIDEWALK
HD-HEAVY DUTY	TB-THRUST BLOCK
IPP-IRON PIN PLACED	TR-TO REMAIN
IP-IRON PIN FOUND	TR-TO BE REMOVED
JD-JUNCTION BOX	TE-TELEPHONE
L-ARC LENGTH	TR-TO REMAIN
LOC-LIMIT OF CLEARING	TV-TOP OF WALL
LP-LIGHT/LAMP POST	W-WATER
MH-MANHOLE	WV-WATER VALVE
N/F-NOW OR FORMERLY	
OHP-OVERHEAD POWER	

LEGEND

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

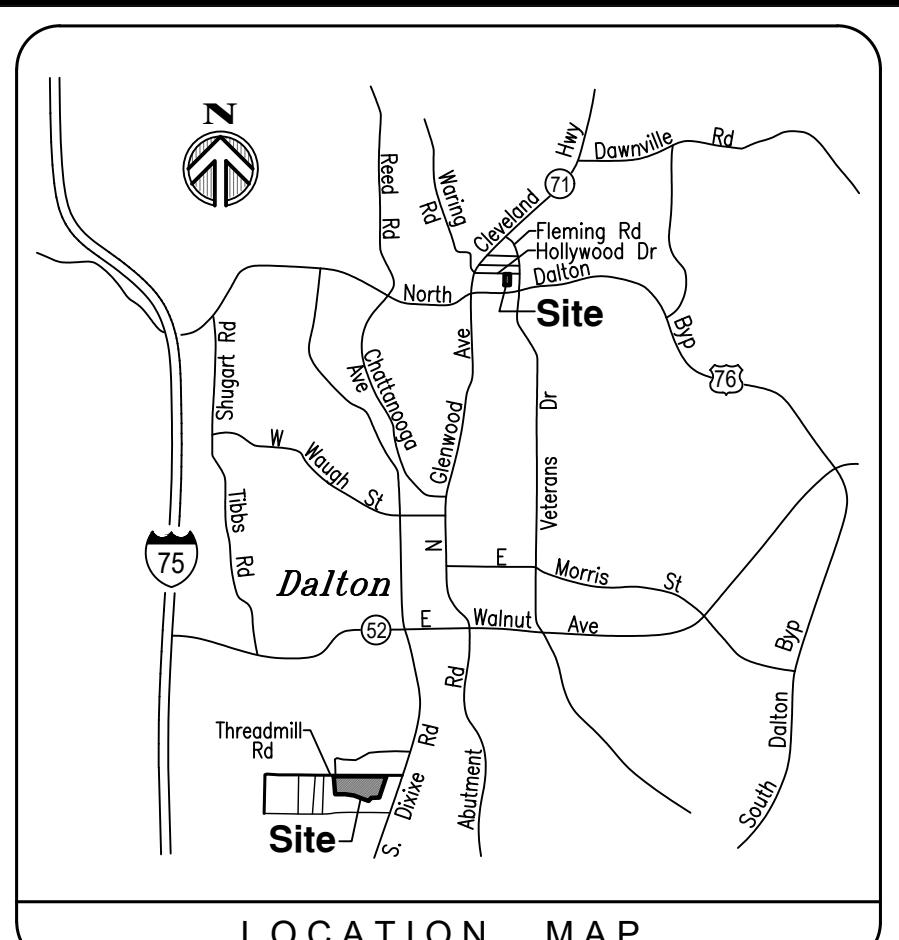
200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1" = 40'

200 DEP ROAD SITE #318 • MARIETTA, GA 30067 • PH: 770/433-8190
521 THREADMILL ROAD CITY OF DALTON, GA 30720
ISSUE DATE: 12-01-25
JOB No. 24180 SCALE: 1"



LOCATION MAP

EXISTING	+ 70.93 EXISTING SPOT ELEVATION
PROPOSED	• 54.3 PROPOSED SPOT ELEVATION
AC-ACRES	PB-PLAT BOOK
BC-BACK OF CURB	PG-PAGE
BL-BUILDING SETBACK	PL-PROPERTY LINE
CB-CATCH BASIN	POB-POINT OF BEGINNING
CC-CURB & GUTTER	PP-POWER POLE
CH-CHORD	PS-PARKING SPACE
CL-CURBLINE	PT-PIPE TO CONSTRUCTION
CW-CURB METAL PIPE	R-RADUS
DB-DEED BOOK	RCP-REINFORCED CONC. PIPE
DE-DRIVE EASEMENT	RD-ROOF DRAIN
DI-DROP INLET	RR-RAILROAD
EP-EDGE PAVEMENT	R/W-RIGHT OF WAY
EX-EXISTING	SD-STORM DRAIN
FH-FIRE HYDRANT	SF-SQUARE FEET
G-GAS LINE	SS-SANITARY SEWER
HW-HIGHWAY	SSE-SAN. SEWER EASEMENT
HD-HEAVY DUTY	SSMH-SAN. SEWER MANHOLE
IP-IRON PIN PLACED	SW-CONCRETE SIDEWALK
IPR-IRON PIN FOUND	TB-THRUST BLOCK
JD-JUNCTION BOX	TR-TO REMAIN
L-ARC LENGTH	TC-TO CENTER OF CURB
LOC-LIMIT OF CLEARING	TE-TELEPHONE
LP-LIGHT/LAMP POST	TR-TO REMAIN
MH-MANHOLE	TV-TOP OF WALL
N/F-NOW OR FORMERLY	W-WATER
OHP-OVERHEAD POWER	WV-WATER VALVE

LEGEND

LANDSCAPING NOTES:

- CONTRACTOR SHALL PROVIDE PROFESSIONAL LANDSCAPE CONTRACTOR EXPERIENCED IN LANDSCAPING, GRASS, SOD, AND LAWN INSTALLATION. LANDSCAPER MUST BE APPROVED BY OWNER AND ENGINEER. SEE SPECIFICATIONS.
- ALL DISTURBED AREAS SHALL RECEIVE GRASS SOD PER SPECIFICATIONS. VERIFY SOD TYPE AND SPECIES WITH OWNER PRIOR TO CONSTRUCTION. ALL SOD SHALL HAVE MINIMUM 1.0 INCHES SOIL AND ROOT ZONE CERTIFIED BY MANUFACTURER. PROVIDE DOCUMENTATION TO OWNER. SOD SHALL BE ANCHORED ON SLOPES GREATER THAN 6H:1V. ALL SLOPES SHALL HAVE BIODEGRADABLE MATTING AND BLANKETS (SS) AND ANCHORED MULCH, AND PERMANENT GRASS ESTABLISHED IMMEDIATELY AFTER SLOPE IS CREATED. MATTING AND BLANKETS SHALL BE TEMPORARY TYPE MADE FROM ORGANIC MATERIAL.
- ALL SLOPES SHALL BE TEMPORARILY STABILIZED WITH MULCH AND TEMPORARY SEEDING AS REQUIRED UNTIL FINAL STABILIZATION. CONTRACTOR SHALL ESTABLISH PERMANENT GRASS ON SLOPES AS SOON AS GRADE IS ESTABLISHED.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR PLANTING DATES FOR GRASS SPECIES SPECIFIED. CONTRACTOR SHALL SCHEDULE CONSTRUCTION, GRADING, AND GRASSING TO ACHIEVE AND ESTABLISH PERMANENT GRASS A MINIMUM OF 60 DAYS PRIOR TO FINAL RELEASE. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL GRASS/SOD PER SPECIFICATIONS.
- ALL TEMPORARY GRASS OR GRASS MIXTURES USED FOR TEMPORARY STABILIZATION SHALL BE FULLY AND COMPLETELY TILLED UNDER AND REMOVED PRIOR TO INSTALLATION OF PERMANENT GRASS. CONTRACTOR IS RESPONSIBLE FOR COMPLETE PREPARATION AND SOIL AMENDMENTS ON ALL SUCH AREAS PER SPECIFICATIONS.
- GRASSED AREAS WHICH DO NOT GROW OR MEET SPECIFICATIONS SHALL BE REMOVED IMMEDIATELY AND RE-INSTALLED.
- ALL AREAS NOT RECEIVING PREPARATION, SOIL AMENDMENTS, TOPSOIL, FERTILIZER, AND OTHER MEASURES PER SPECIFICATIONS AND REQUIRED SOILS TEST(S) WILL BE REJECTED.
- MAINTENANCE OF ALL GRASS AND LANDSCAPED AREAS WILL INCLUDE TRIMMING, WEEDING AND WEED REMOVAL. CONTRACTOR SHALL APPLY WEED CONTROL AND FERTILIZER AS RECOMMENDED BY SOILS TEST(S) OR REFERENCED STANDARDS THROUGHOUT CONSTRUCTION AND MAINTENANCE PERIOD.
- CONTRACTOR SHALL PROVIDE MAINTENANCE, MOWING, WATERING, WEEDING, AND PROTECTION OF ALL GRASS, SOD, AND LANDSCAPED AREAS THROUGHOUT CONSTRUCTION AND PER SPECIFICATIONS UNTIL FINAL RELEASE BY OWNER.

SPECIES	Rate per 1000 S.F.	Rate per Acre	PLANTING DATES			SPECIES	Rate per 1000 S.F.	Rate per Acre	PLANTING DATES		
			Mountain	Piedmont	Coastal				Mountain	Piedmont	Coastal
Bermuda, Common Unhulled Seed	0.2 LB	10 LB	NO	10/1-3/1	11/1-2/1	RYE	3.9 LB	168 LB	8/1-12/1	9/1-1/1	10/1-3/1
Bermuda, Common Hulled Seed	0.2 LB	10 LB	NO	3/1-8/1	2/15-8/1	Ryegrass, Annual	1.0 LB	40 LB	8/1-5/1	8/1-4/1	9/1-4/1
Lespedeza, Sericea Unscarified	1.7 LB	75 LB	1/1-12/1	1/1-12/1	1/1-12/1	Millet, Browntop	1.0 LB	40 LB	4/1-6/1	4/1-7/1	4/1-7/1
Lespedeza, Unscarified	1.7 LB	75 LB	1/1-12/1	1/1-12/1	1/1-12/1	Lovegrass, Weeping	0.1 LB	4.0 LB	3/1-6/1	3/1-6/1	2/1-6/1
Lovegrass, Weeping	0.1 LB	4.0 LB	3/15-6/15	3/1-6/15	2/1-6/15	Lespedeza, Annual	1.0 LB	40 LB	2/1-5/1	2/1-5/1	1/1-3/15
Fescue, Tall	1.1 LB	50 LB	8/1-11/1	8/15-11/1	NO	WHEAT	4.1 LB	180 LB	9/1-12/1	9/1-12/1	9/15-2/1
Switchgrass	1.0 lb	40 lb	3/15-6/1	3/15-6/1	3/15-6/1	Millet, Pearl	1.1 lb	50 lb	5/1-7/1	4/15-9/1	4/1-9/1
Bahia	1.4 lb	60 lb	1/1-12/1	1/1-12/1	1/1-12/1	BARLEY	3.3 LB	144 LB	8/15-11/15	8/15-12/15	9/1-12/1

FERTILIZER REQUIREMENTS

SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N
Cool season grasses	First	6-12-12	1500 lbs/ac	50-100 lbs/ac 1/2
	Second Maintenance	6-12-12	1000 lbs/ac	-
		10-10-10	400 lbs/ac	30-100 lbs/ac
Cool season grasses and legumes	First	6-12-12	1500 lbs/ac	50-100 lbs/ac 1/
	Second Maintenance	0-10-10	1000 lbs/ac	-
		0-10-10	400 lbs/ac	-
Ground covers	First	10-10-10	1300 lbs/ac 3/	-
	Second Maintenance	10-10-10	1300 lbs/ac 3/	-
		10-10-10	1100 lbs/ac	-
Pine seedlings	First	20-10-5	one 21-gram pellet per seedling placed in closing hole	-
Shrub Lespedeza	First Maintenance	0-10-10	700 lbs/ac	-
		0-10-10	700 lbs/ac 4/	-
Temporary cover crops seeded alone	First	10-10-10	500 lbs/ac	30 lbs/ac 5/
Warm season grasses	First	6-12-12	1500 lbs/ac	50-100 lbs/ac 2/6
	Second Maintenance	6-12-12	800 lbs/ac	50-100 lbs/ac 2/
		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/
	Second Maintenance	0-10-10	1000 lbs/ac	-
		0-10-10	400 lbs/ac	-

LIME RATES AND ANALYSIS:

- WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED, AGRICULTURAL LIME SHALL BE APPLIED AS INDICATED BY SOIL TESTS OR AT THE RATE OF 1-2 TONS PER ACRE. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.
- LIME SPREAD BY CONVENTIONAL EQUIPMENT SHALL BE CALCITIC OR DOLOMITIC LIME LIMESTONE GROUND SO THAT 90% OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 50% WILL PASS THROUGH A 50-MESH SIEVE, AND NOT LESS THAN 25% WILL PASS THROUGH A 100-MESH SIEVE.
- LIME SPREAD BY HYDRAULIC SEEDING SHALL BE CALCITIC OR DOLOMITIC "FINELY GROUND LIMESTONE", GROUND SO THAT 98% OF THE MATERIAL WILL PASS THROUGH A 20-MESH SIEVE, AND NOT LESS THAN 70% WILL PASS THROUGH A 100-MESH SIEVE.
- IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN, AND ATLANTIC COAST FLATWOODS MLRA'S.

MULCHING RATES:

- USE MULCH ON ALL SLOPES STEEPER THAN 3 PERCENT; WHERE SEEDLINGS ARE MADE SO LATE IN THE FALL AND WINTER THAT GERMINATION CANNOT BE EXPECTED UNTIL SPRING; IN THE BOTTOM OF SPILLWAYS, AND ON ROAD BANKS.
- USE DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS. DRY STRAW WILL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. DRY HAY WILL BE APPLIED AT THE RATE OF 2 1/2 TONS PER ACRE; OR,
- FOR HYDRAULIC SEEDING, USE WOOD CELLULOSE MULCH OR WOOD PULP FIBER AT THE RATE OF 500 POUNDS PER ACRE, AND DRY STRAW OR DRY HAY AT THE RATE LISTED ABOVE; OR,
- USE THREE TONS PER ACRE OF SERICEA LESPEDEZA HAY CONTAINING MATURE SEED; OR,
- APPLY PINE STRAW OR PINE BARK AT A THICKNESS OF 3 INCHES. OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED; OR,
- SOIL RETENTION BLANKETS, EROSION CONTROL NETTING, OTHER MANUFACTURED MATERIALS, OR BLOCK SOD MAY BE REQUIRED IN ADDITION TO MULCH ON UNSTABLE SOILS AND CONCENTRATED FLOW AREAS.

Ds1 DISTURBED AREA STABILIZATION (PERMANENT SEEDING)

REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS, LIME & FERTILIZER RATES, AND SPECIFICATIONS.

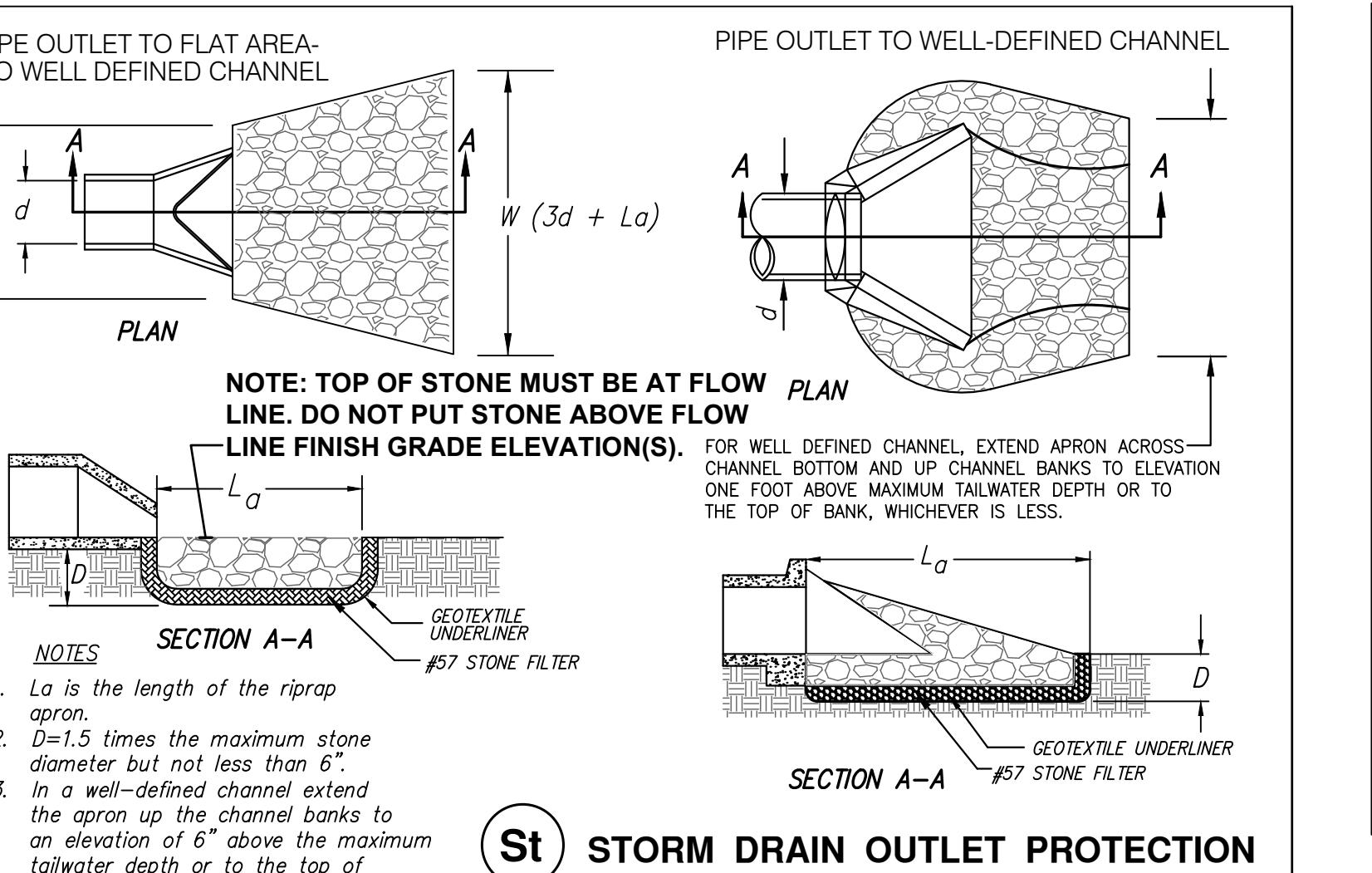
Ds2 DISTURBED AREA STABILIZATION (TEMPORARY SEEDING)

REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS, LIME & FERTILIZER RATES, AND SPECIFICATIONS.

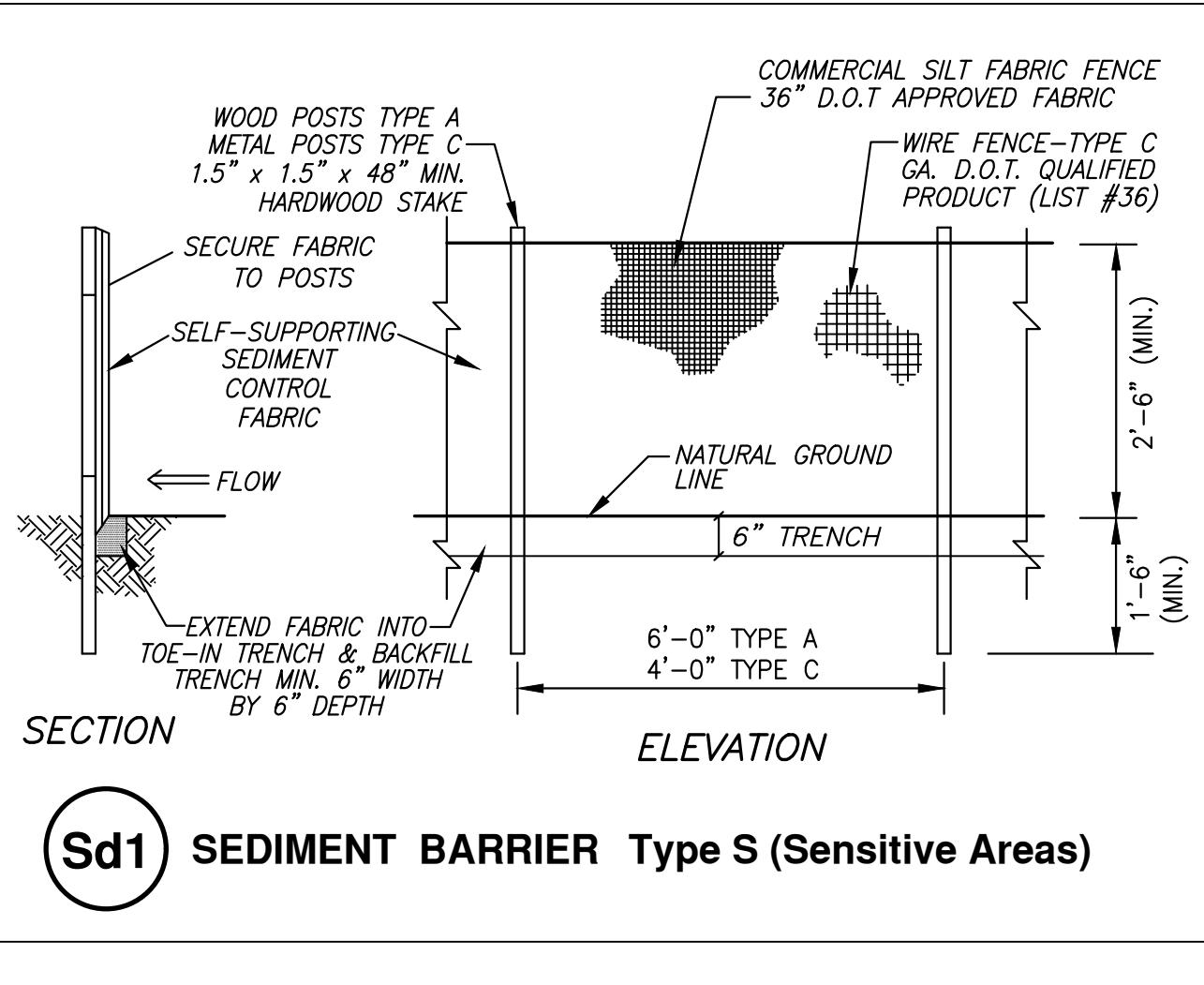
Ds3 DISTURBED AREA STABILIZATION (PERMANENT SEEDING)

REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS, LIME & FERTILIZER RATES, AND SPECIFICATIONS.

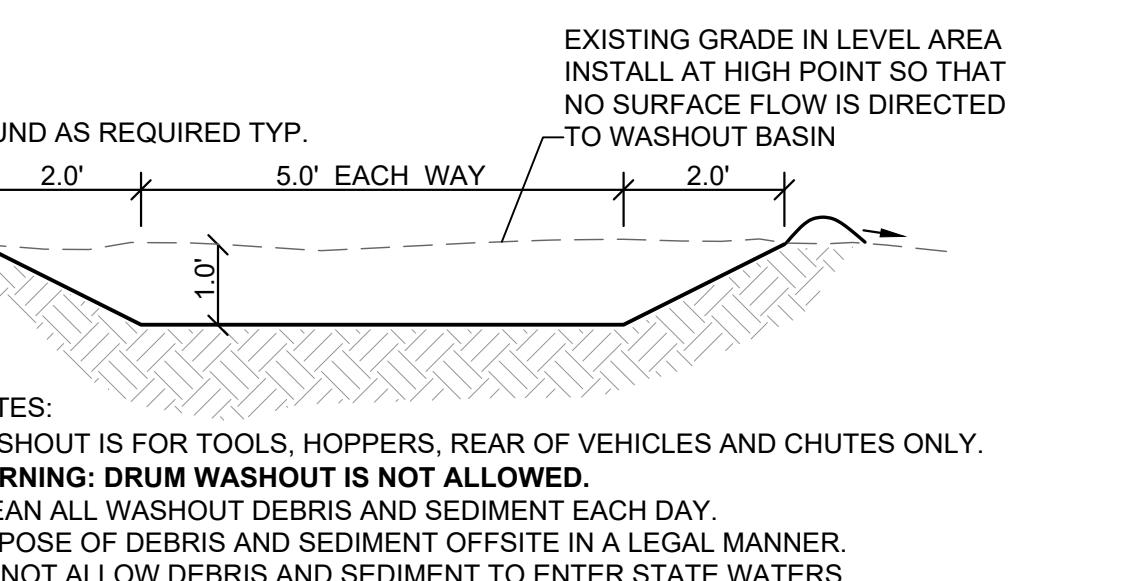
St RIPRAP/APRON SIZING					
STRUCTURE No.	St1	1.1	2.1	3.1	4.1
d (PIPE DIA.)	EX 12"	18"	18"	18"	18"
Q (25 YR.)	5 cfs	12 cfs	12 cfs	12 cfs	11 cfs
VEL. (25 YR.)	7 fps	8 fps	8 fps	8 fps	9 fps
d50 STONE SIZE	12"	12"	12"	12"	12"
MAX. STONE DIA.	18"	18"	18"	18"	18"
D (APRON THICKNESS)	24"	24"	24"	24"	24"
FILTER FABRIC	DOT STD.				
TAILWATER CONDITION	MIN.	MIN.	MIN.	MIN.	MIN.
La (LENGTH OF APRON)	20'	35'	20'	33'	20'
W1 = 3 x Do (PIPE Dia.) (APRON WIDTH @ HW)	15'	20'	37'	17'	20'
W2 = Do + La (APRON WIDTH DOWNSTREAM)	AS SHOWN				



St STORM DRAIN OUTLET PROTECTION
(REFER TO RIPRAP SIZING CHART FOR STONE SIZES AND APRON LENGTHS)



Sd1 SEDIMENT BARRIER Type S (Sensitive Areas)



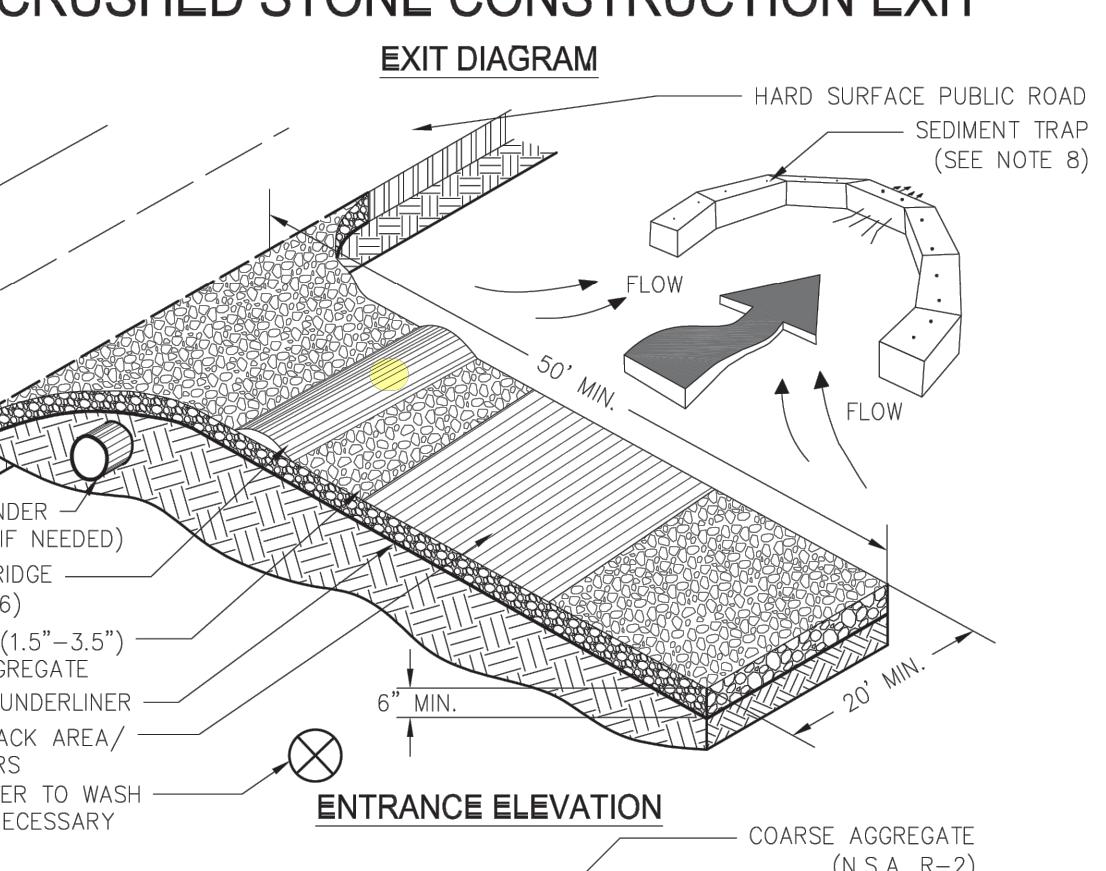
Ds2 DISTURBED AREA STABILIZATION (TEMPORARY SEEDING)

REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR FURTHER DETAILS, LIME & FERTILIZER RATES, AND SPECIFICATIONS.

MAINTENANCE

The exit shall be maintained in a condition that will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing with 1.5-3.5 inch stone, as conditions demand, and repair and/or cleanout of any structures to trap sediment. All materials spilled, dropped, washed, or tracked from vehicles or site onto roadways or into storm drains must be removed immediately.

CRUSHED STONE CONSTRUCTION EXIT



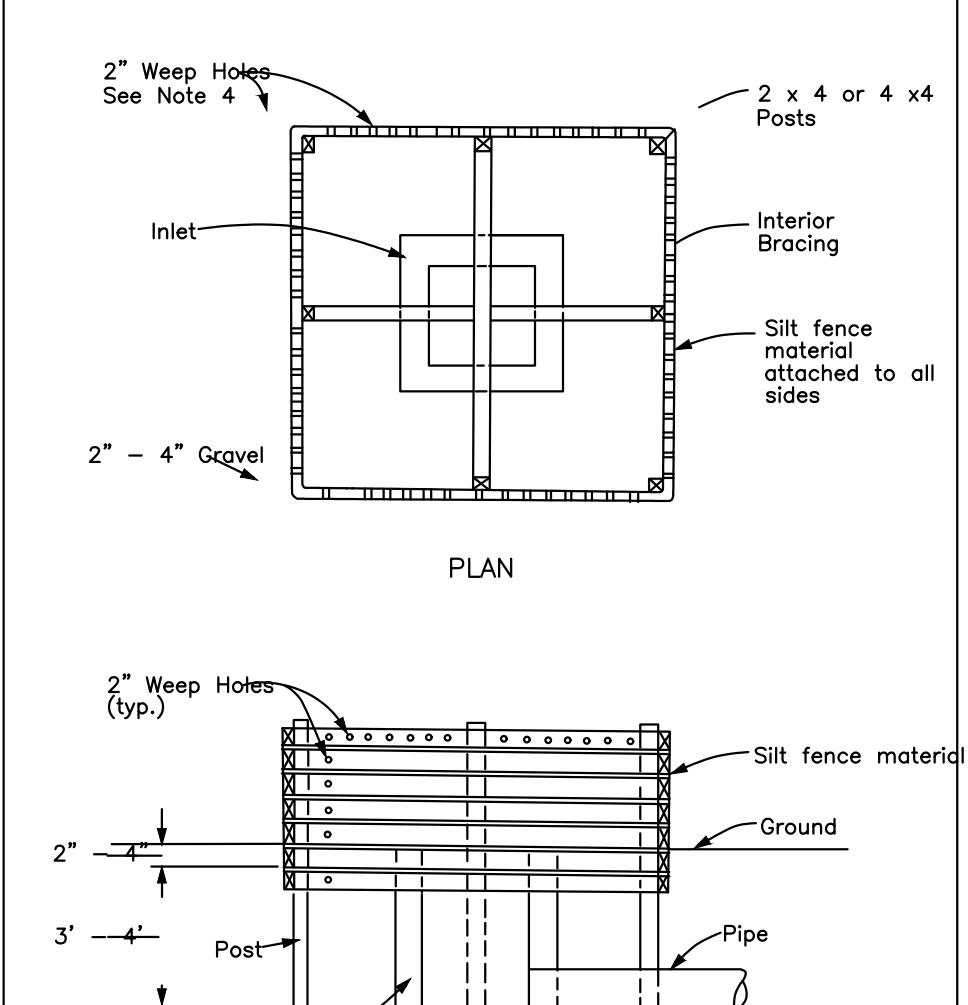
NOTES:

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

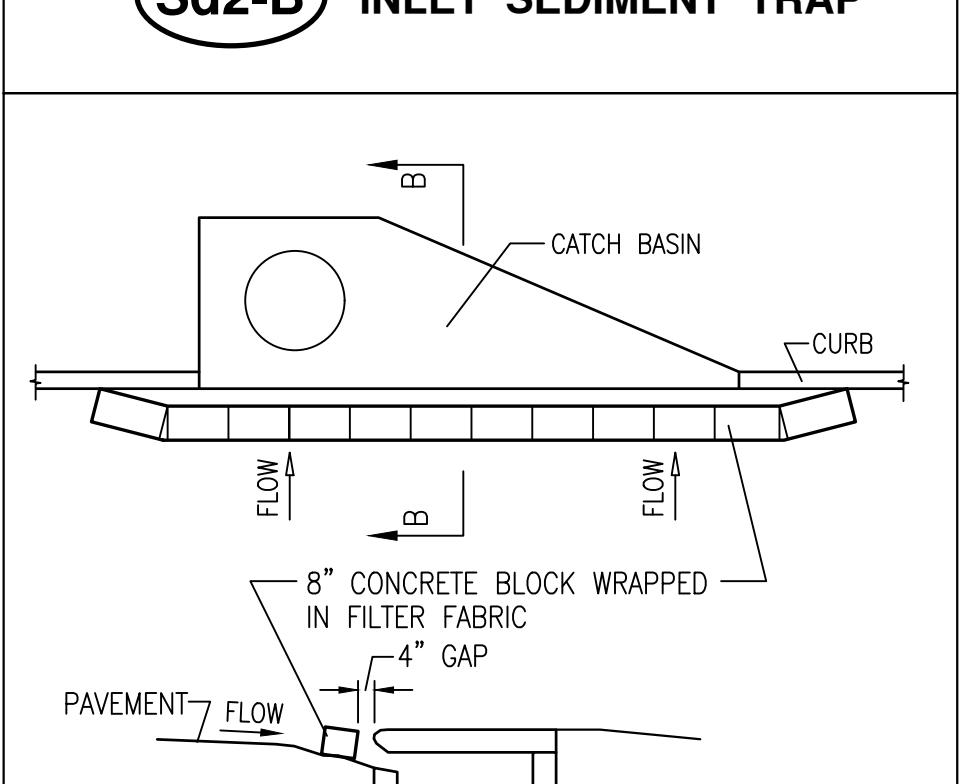
Co CRUSHED STONE CONSTRUCTION EXIT

GSWCC 2016 Edition

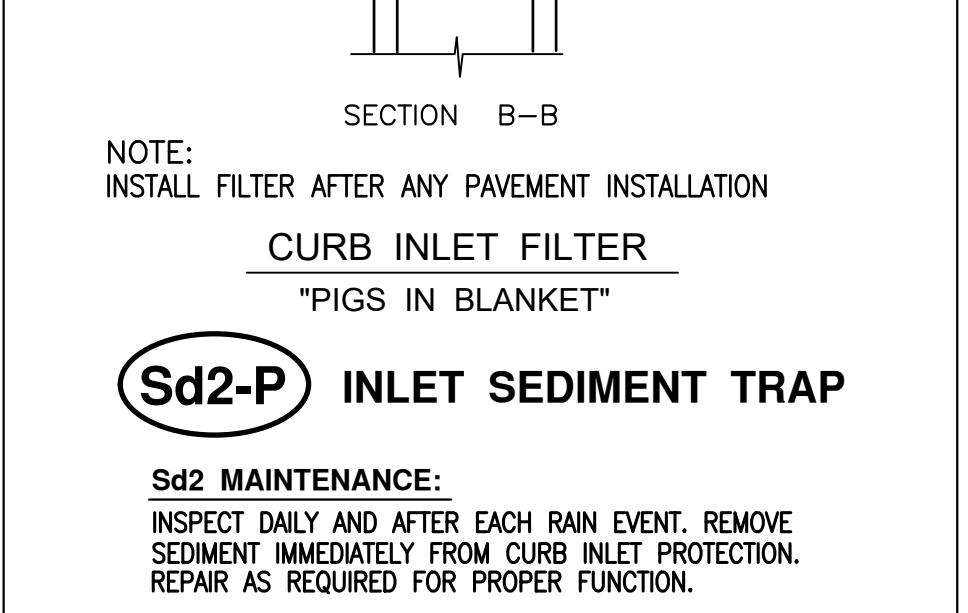
6-90



Cw CONCRETE WASHOUT



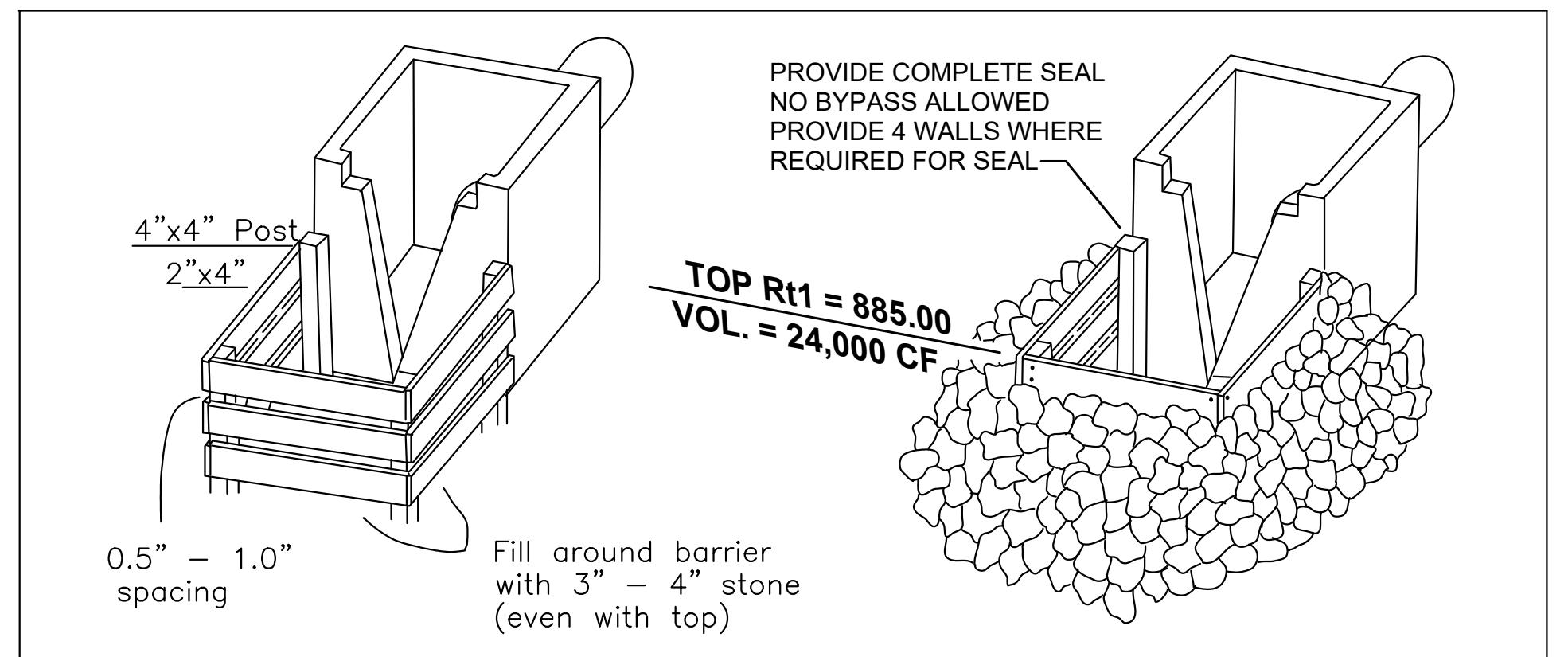
Sd2-B INLET SEDIMENT TRAP



Sd2-P INLET SEDIMENT TRAP

Co CRUSHED STONE CONSTRUCTION EXIT

6-90



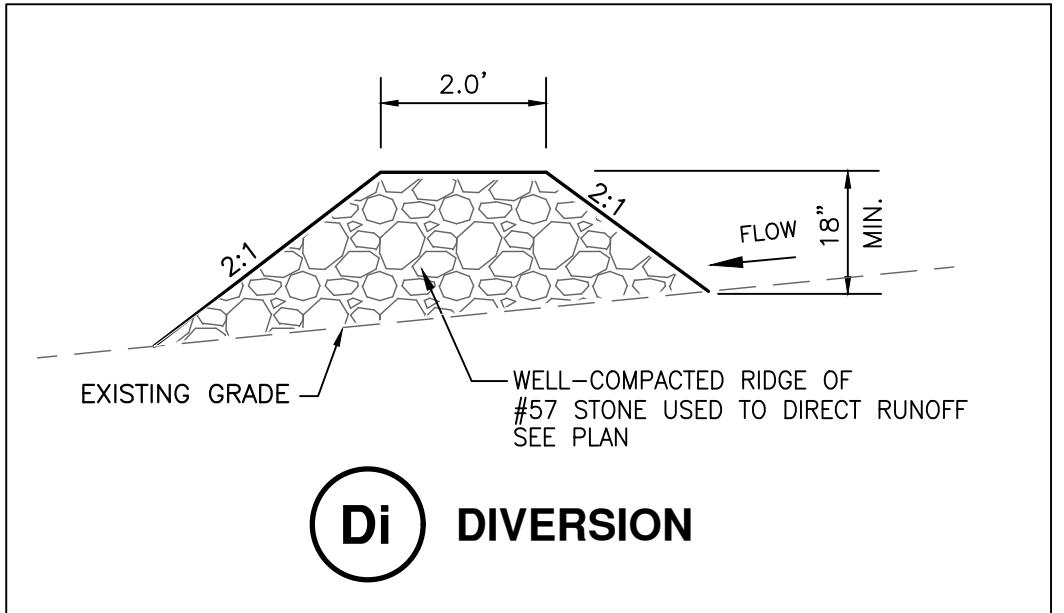
Rt-B RETROFITTING Figure 6-19.3

Rt CALCULATIONS:

1. REQUIRED STORMWATER STORAGE = 55,000 CF
2. REQUIRED SEDIMENT STORAGE = 9045 CF (67 CY/AC X 5.0 AC DISTURBED AREA) = 9045 CF
3. TOTAL REQUIRED STORAGE = 1 + 2 = 64,045 CF
4. AVAILABLE STORAGE = 68,000 CF
5. IS THE AVAILABLE STORAGE (4) GREATER THAN THE REQUIRED STORAGE (3)?
 YES NO
6. IF NO, THE SEDIMENT STORAGE CAPACITY OF THE POND MUST BE INCREASED. CHOOSE THE METHOD TO BE USED:
 - _____ RAISE THE INVERT OF THE OUTLET STRUCTURE _____ INCHES
 - _____ UNDERCUT THE POND _____ FEET
7. CLEAN OUT ELEVATION = 677.0 FT (ELEVATION CORRESPONDING TO 22 CY/AC X 15.0 AC DISTURBED AREA)
8. IS THE LENGTH TO WIDTH RATIO 2:1 OR GREATER?
 YES NO
9. IF NO, THE LENGTH OF FLOW MUST BE INCREASED. CHOOSE THE METHOD TO BE USED:
 - _____ BAFFLES (TYPE OF BAFFLE: _____)
 - _____ OTHER _____

NOTE THE CMP DIAMETER AND HEIGHT IF A HALF-ROUND CMP RETROFIT IS TO BE USED.

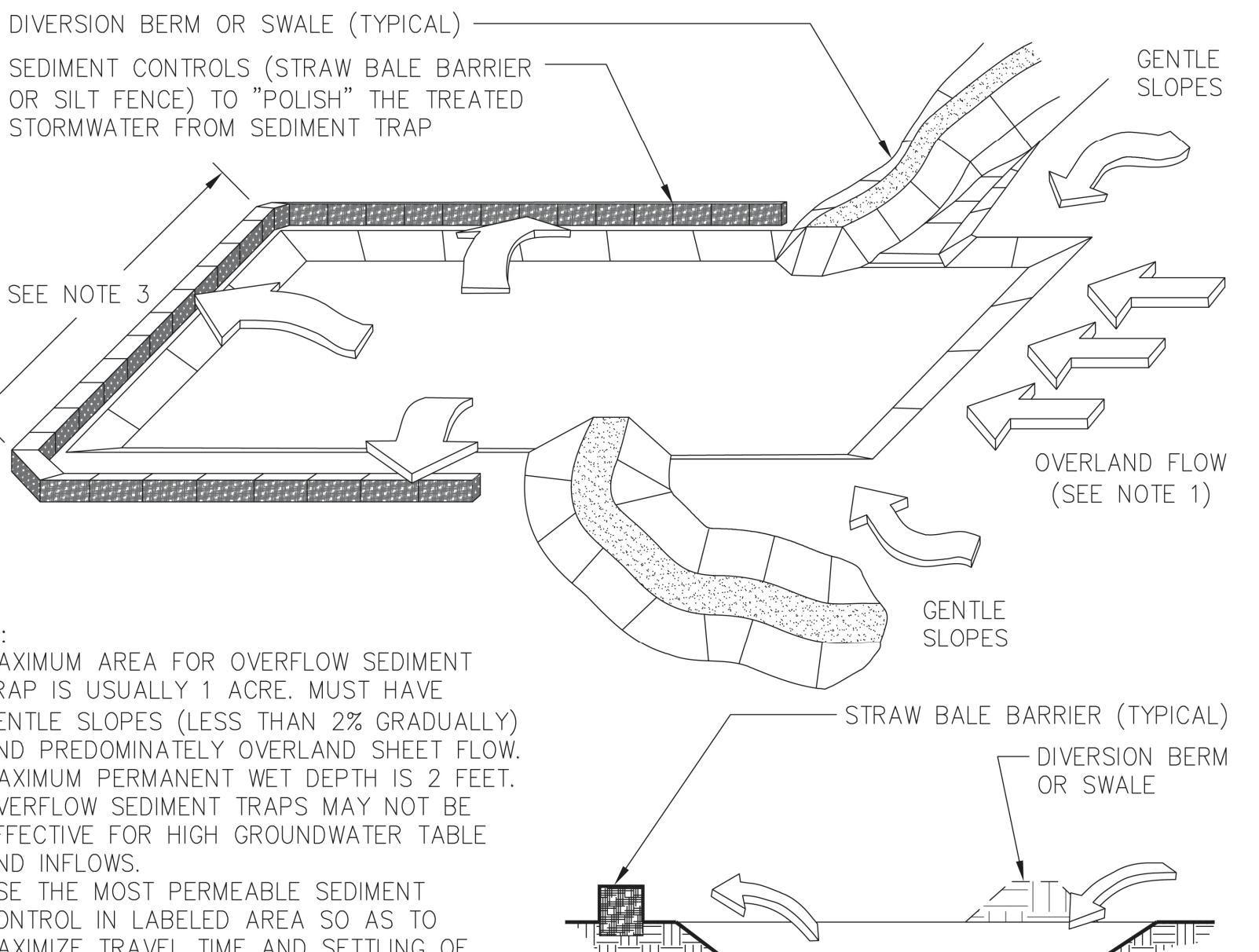
DIAMETER = _____ INCHES HEIGHT = _____ FEET



TEMPORARY SEDIMENT TRAP

COURTESY OF CITY OF KNOXVILLE BMP EROSION AND SEDIMENT

OVERFLOW



NOTES:

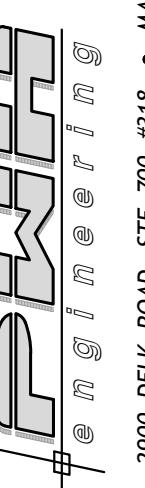
1. MAXIMUM AREA FOR OVERFLOW SEDIMENT TRAP IS USUALLY 1 ACRE. MUST HAVE GENTLE SLOPES (LESS THAN 2% GRADUALLY) AND PREDOMINATELY OVERLAND SHEET FLOW.
2. MAXIMUM PERMANENT WET DEPTH IS 2 FEET. OVERFLOW SEDIMENT TRAPS MAY NOT BE EFFECTIVE FOR HIGH GROUNDWATER TABLE AND INFLOWS.
3. USE THE MOST PERMEABLE SEDIMENT CONTROL IN LABELED AREA SO AS TO MAXIMIZE TRAVEL TIME AND SETTLING OF SEDIMENT.

Figure 6-30.1

Sd4-A OVERFLOW TEMPORARY SEDIMENT TRAP



855 ABUTMENT ROAD
SUITE FOUR
DALTON, GA 30721
TEL. 706.529.5895



RENOVATIONS TO:
AL ROLLINS PARK
521 THREADMILL ROAD DALTON, GA 30720
CITY OF DALTON PARKS AND RECREATION



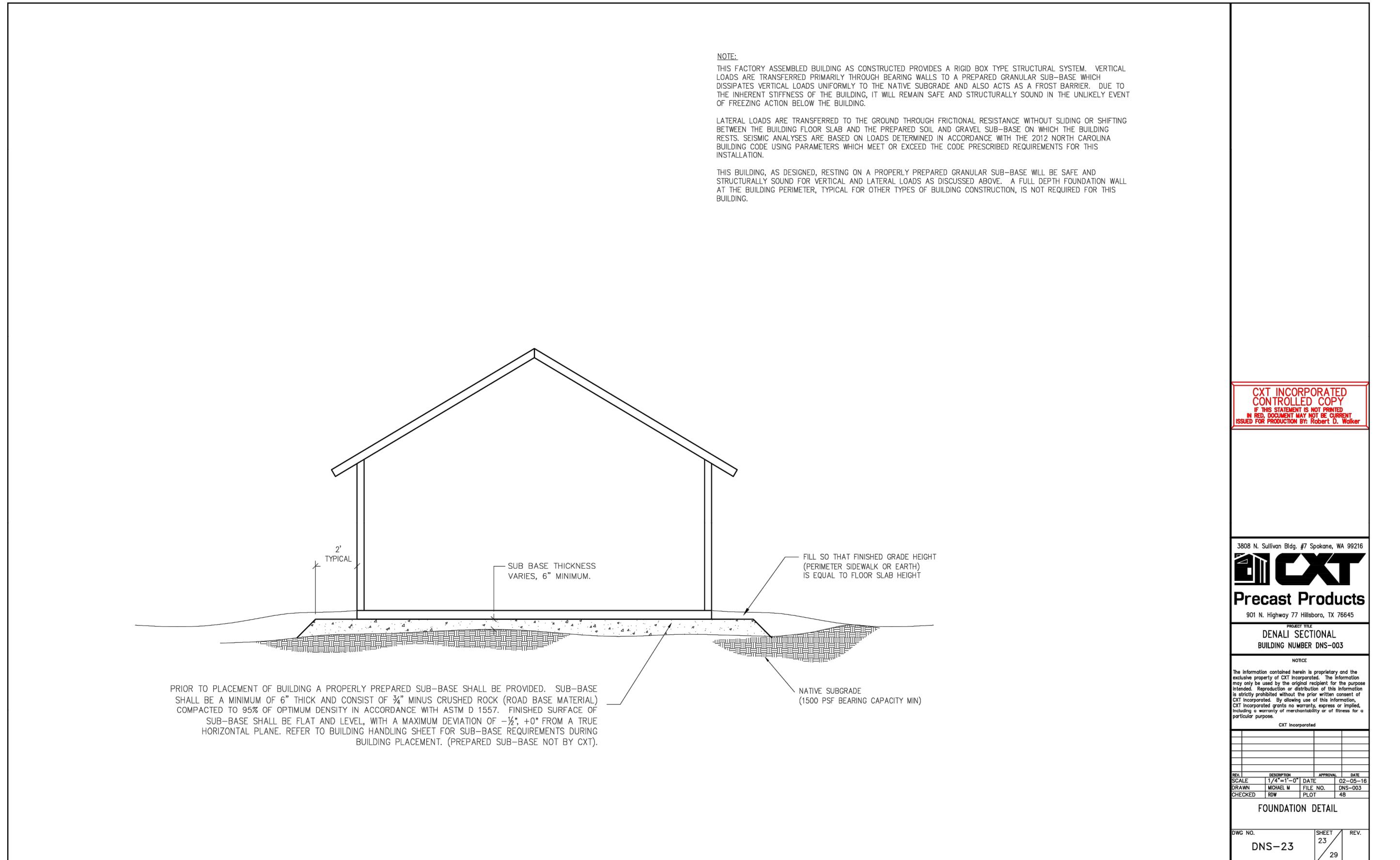
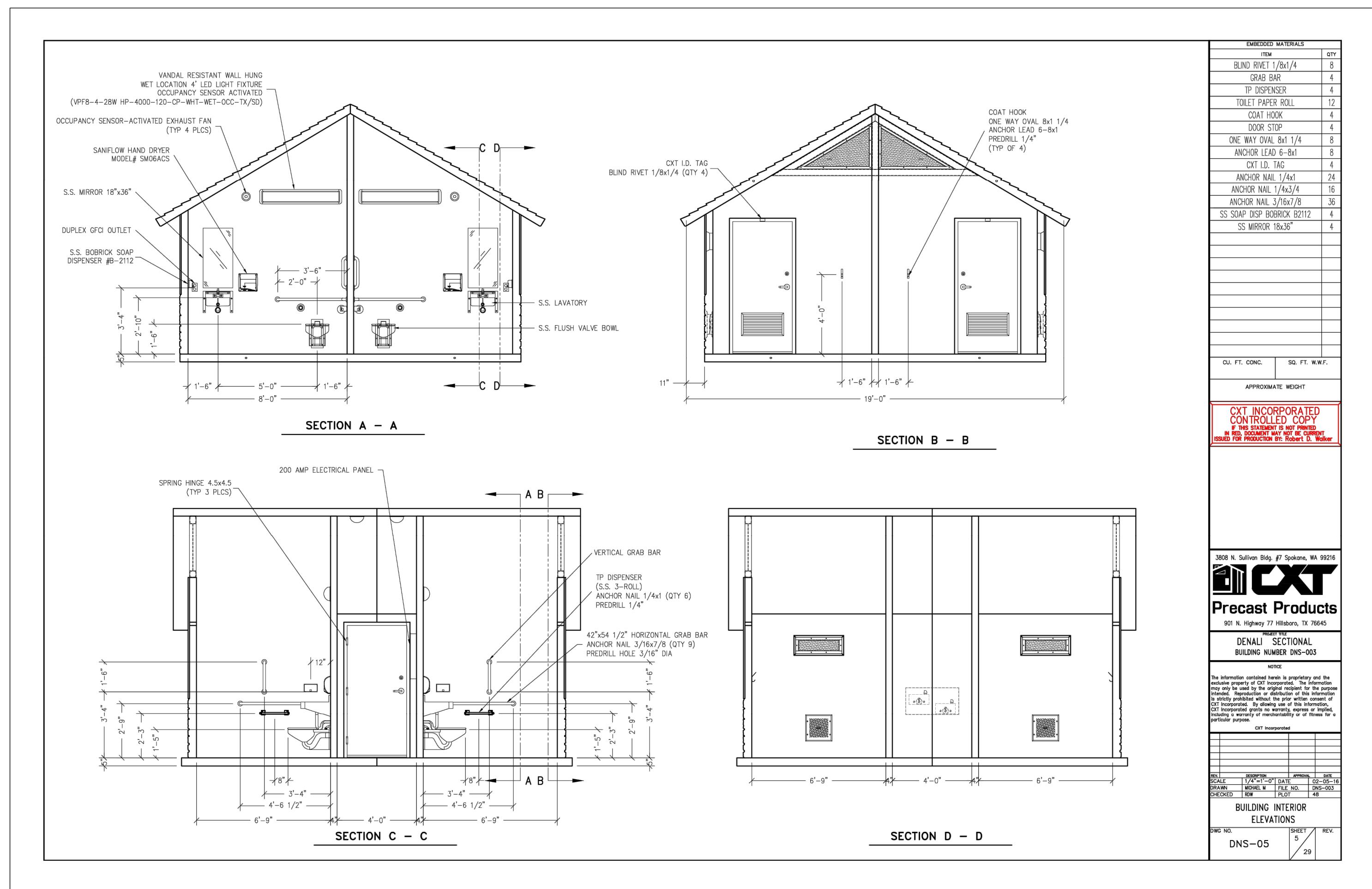
SHEET INDEX

CONSTRUCTION DETAILS

SHEET INDEX

C7.2

THIS DRAWING IS THE PROPERTY OF KRH ARCHITECTS, INC. IT IS NOT TO BE USED ON ANY OTHER PROJECT. IT SHALL BE RETURNED UPON REQUEST. COPYRIGHT AS DATED KRH ARCHITECTS INC. NOT VALID UNLESS SIGNED AND SEALED



NOTE: DETAILS SHOWN ARE NOT ALL INCLUSIVE. CONTRACTOR SHALL REVIEW ALL MANUFACTURER DETAILS AND SPECIFICATIONS PRIOR TO BIDDING. CONTRACTOR SHALL INCLUDE IN PRICING ALL SELECTED OPTIONS AND ALL MANUFACTURER DETAILS, SPECIFICATIONS, AND REQUIREMENTS FOR A COMPLETE AND FULLY OPERATIONAL INSTALLATION, INCLUDING ONSITE HANDLING, LIFTING, PLACEMENT, STORAGE AND SAFETY MEASURES. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASE. SUBMITTAL MUST INCLUDE ALL ASSOCIATED EQUIPMENT, HARDWARE, INSTALLATION INSTRUCTIONS, MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS, WARRANTY, AND TYPICAL SECTIONS REFLECTING ACTUAL SITE CONDITIONS. CONTRACTOR SHALL CONFIRM WITH MANUFACTURER THAT PRODUCT SELECTED AND CONSTRUCTION DETAILS AS SUBMITTED WILL MEET ALL CODES AND FUNCTION PROPERLY.

(RR) RESTROOMS

Rule 1-2 2019 NFHS Baseball Rules Page 8

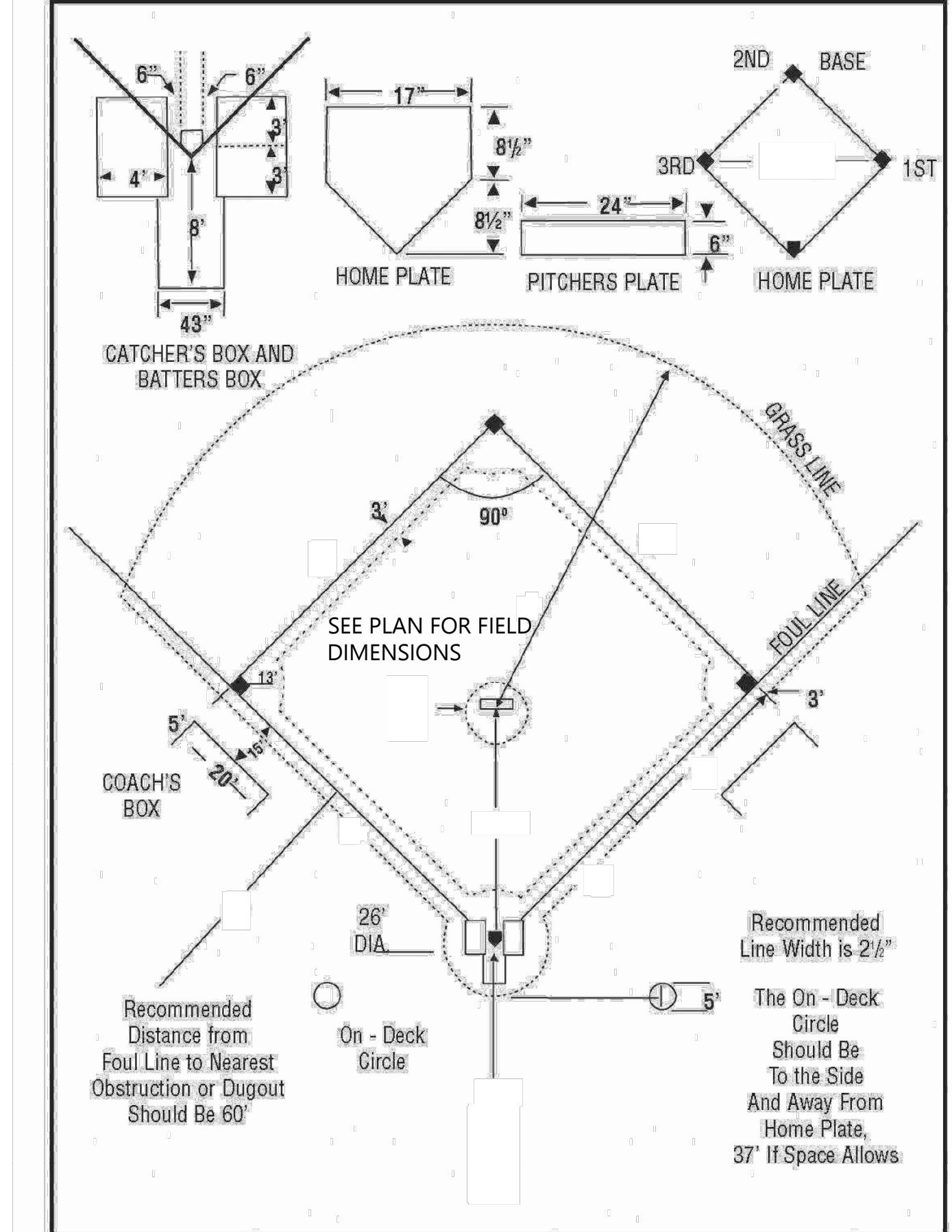
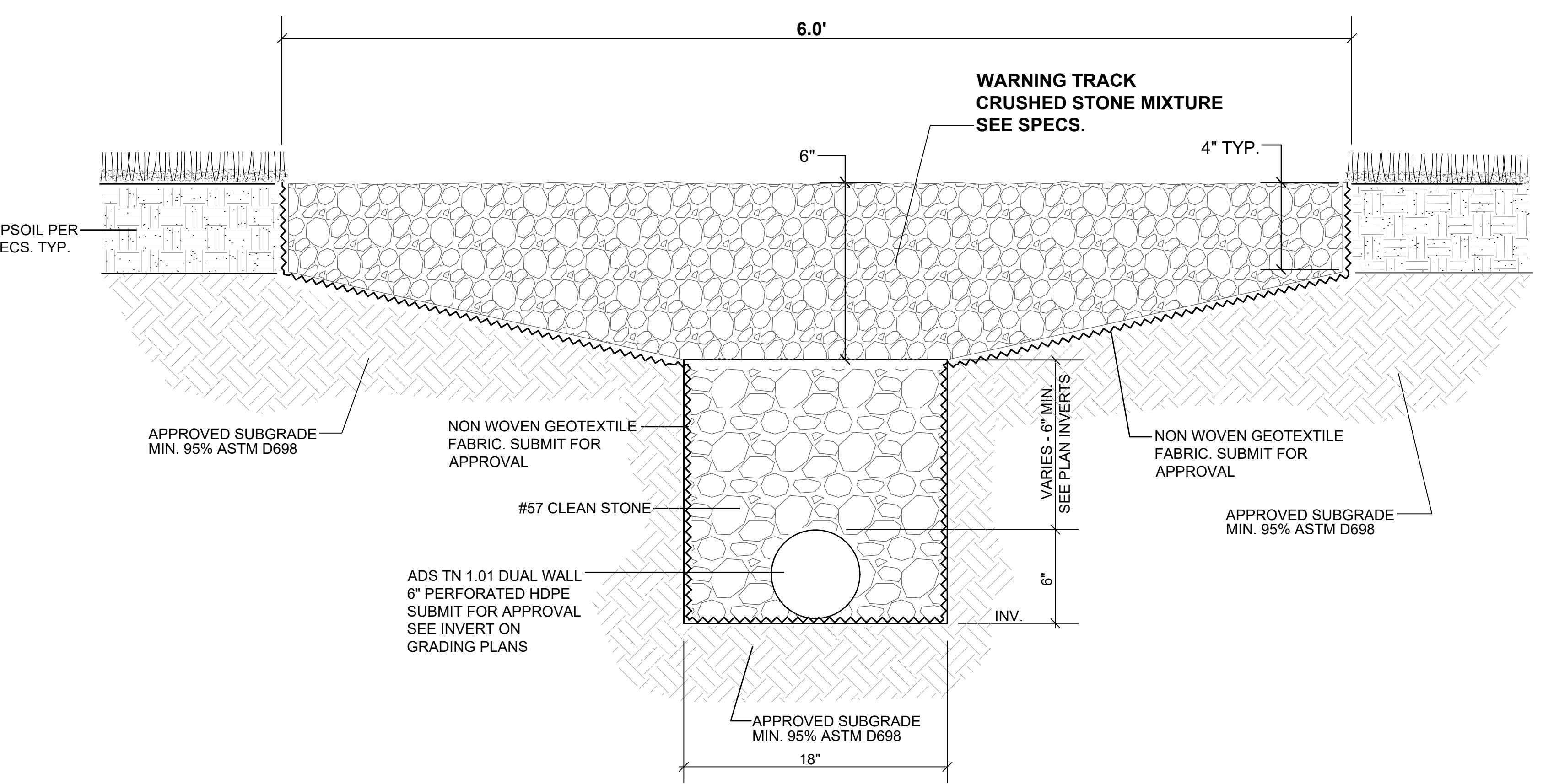


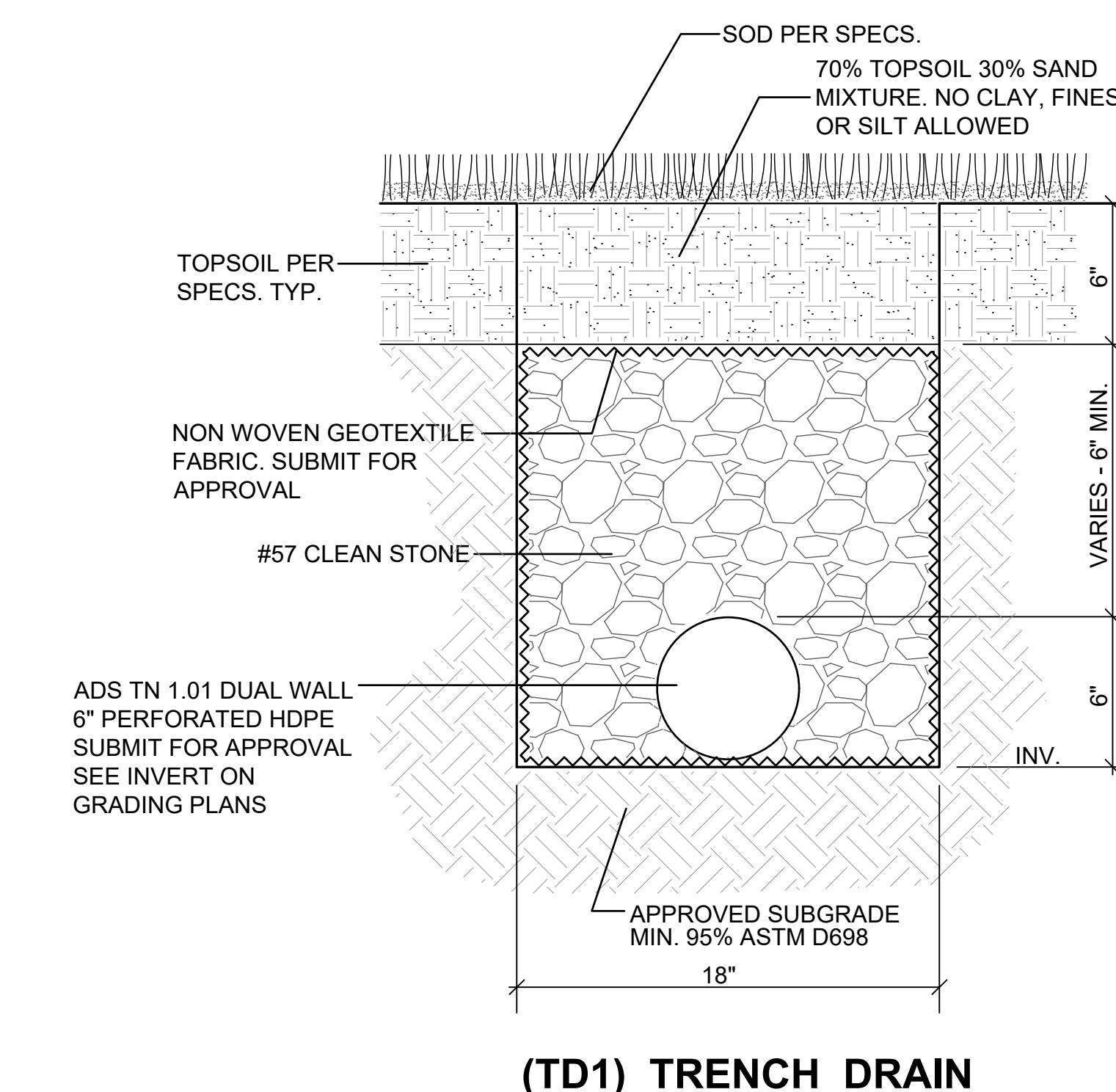
Diagram 2
Official Measurements ... for laying out baseball field

PROVIDE DETAILED LAYOUT FOR APPROVAL PRIOR TO FABRICATION FOR ALL COLORS, LINES, AND ALL REQUIRED STRIPING PER NFHS & GHSA. ALL FIELDS SHALL BE 25.0' FROM HOME PLATE TO BACKSTOP, SYMMETRICALLY PLACED BETWEEN THE FOUL LINE FENCE(S).

(B1) BASEBALL FIELD

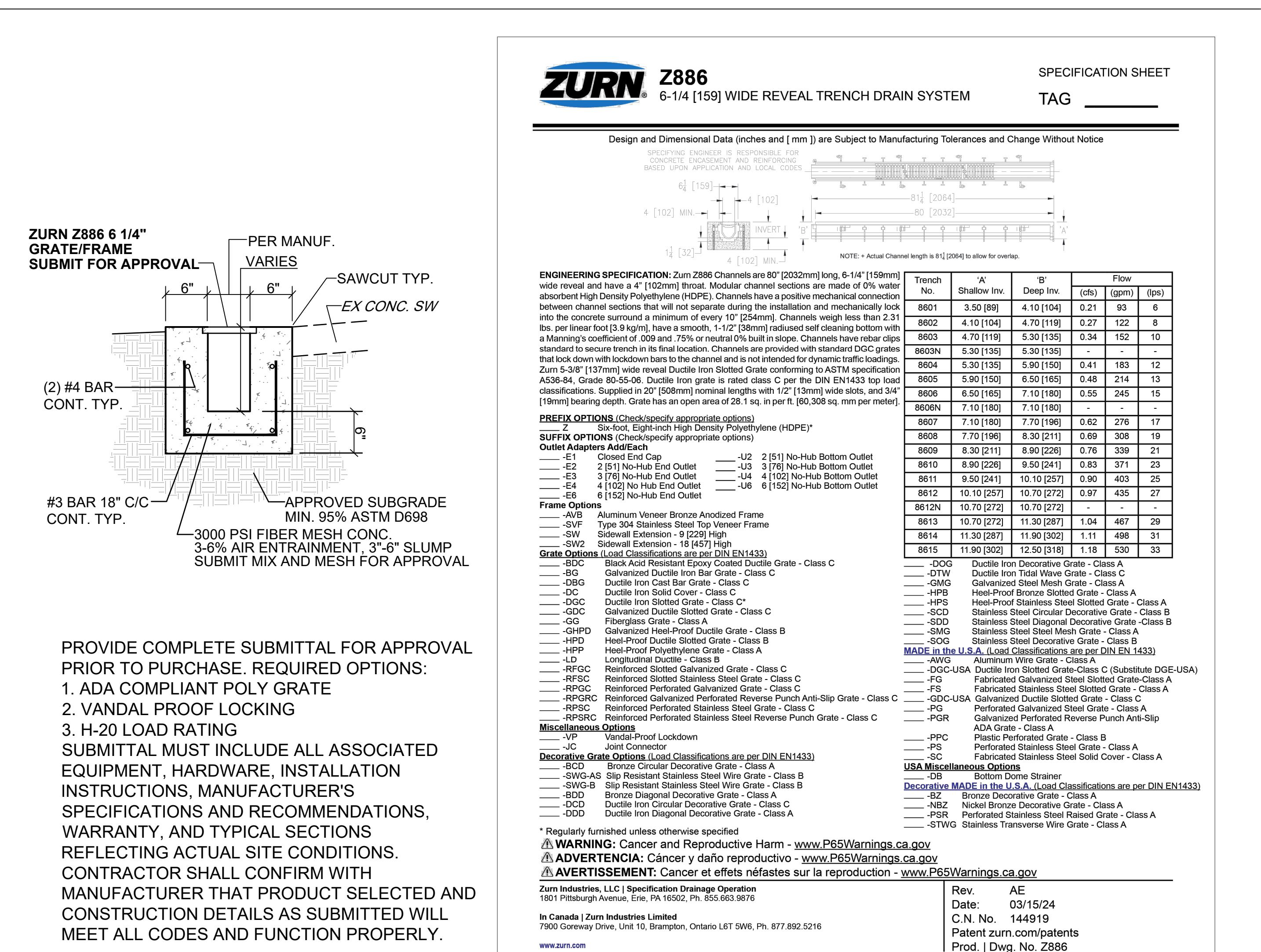
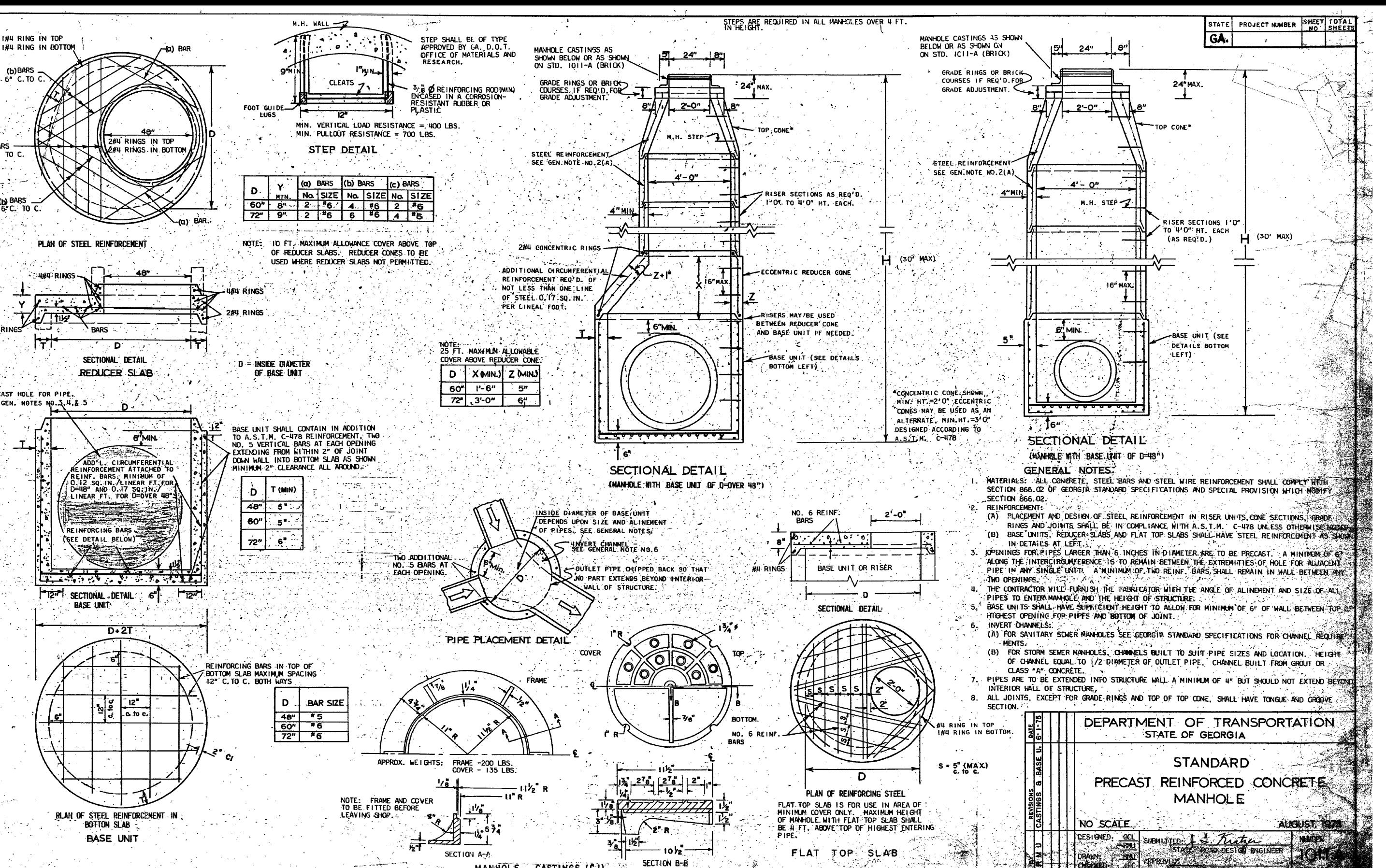
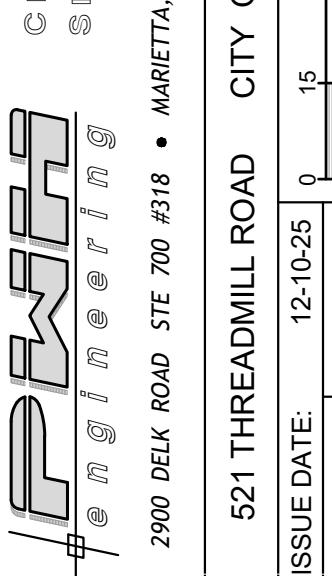


(TD2) TRENCH DRAIN WARNING TRACK



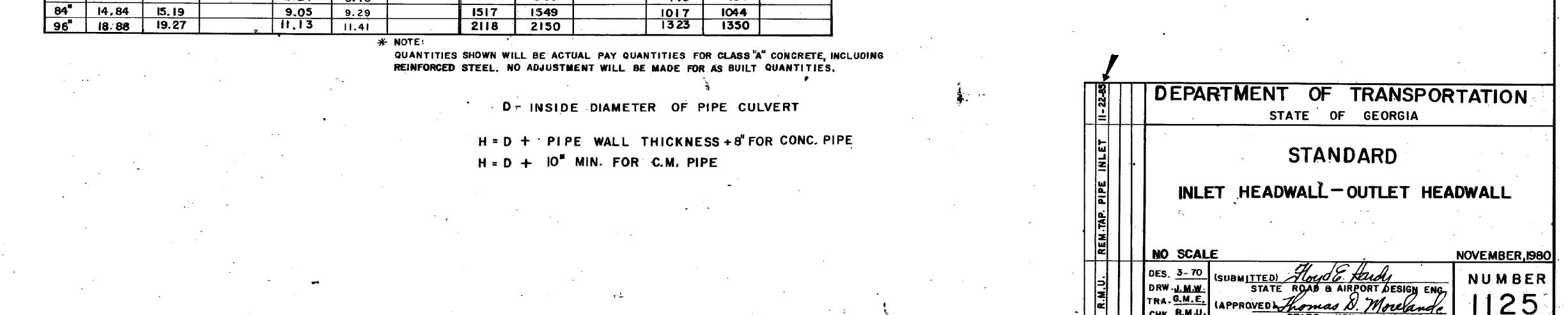
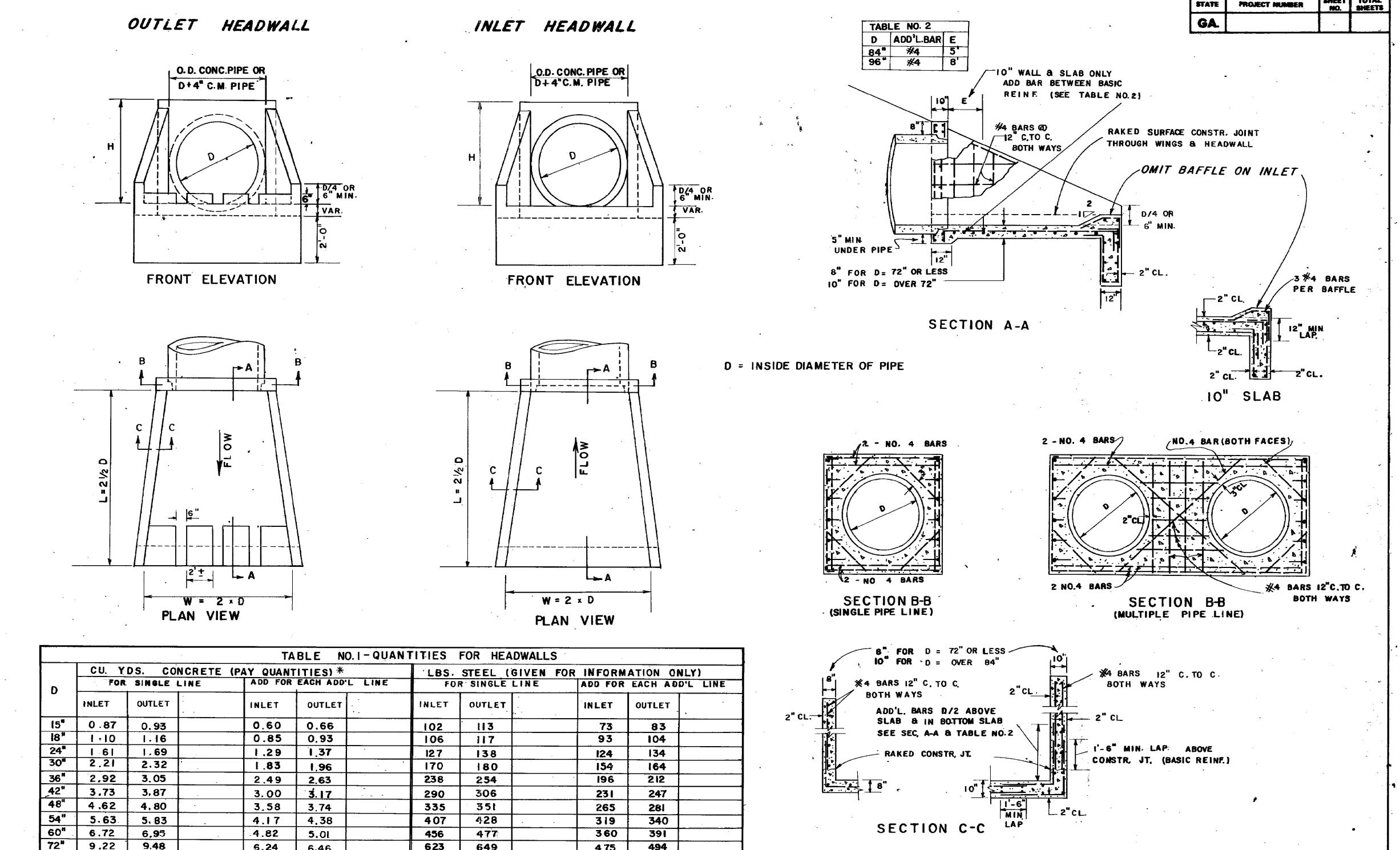
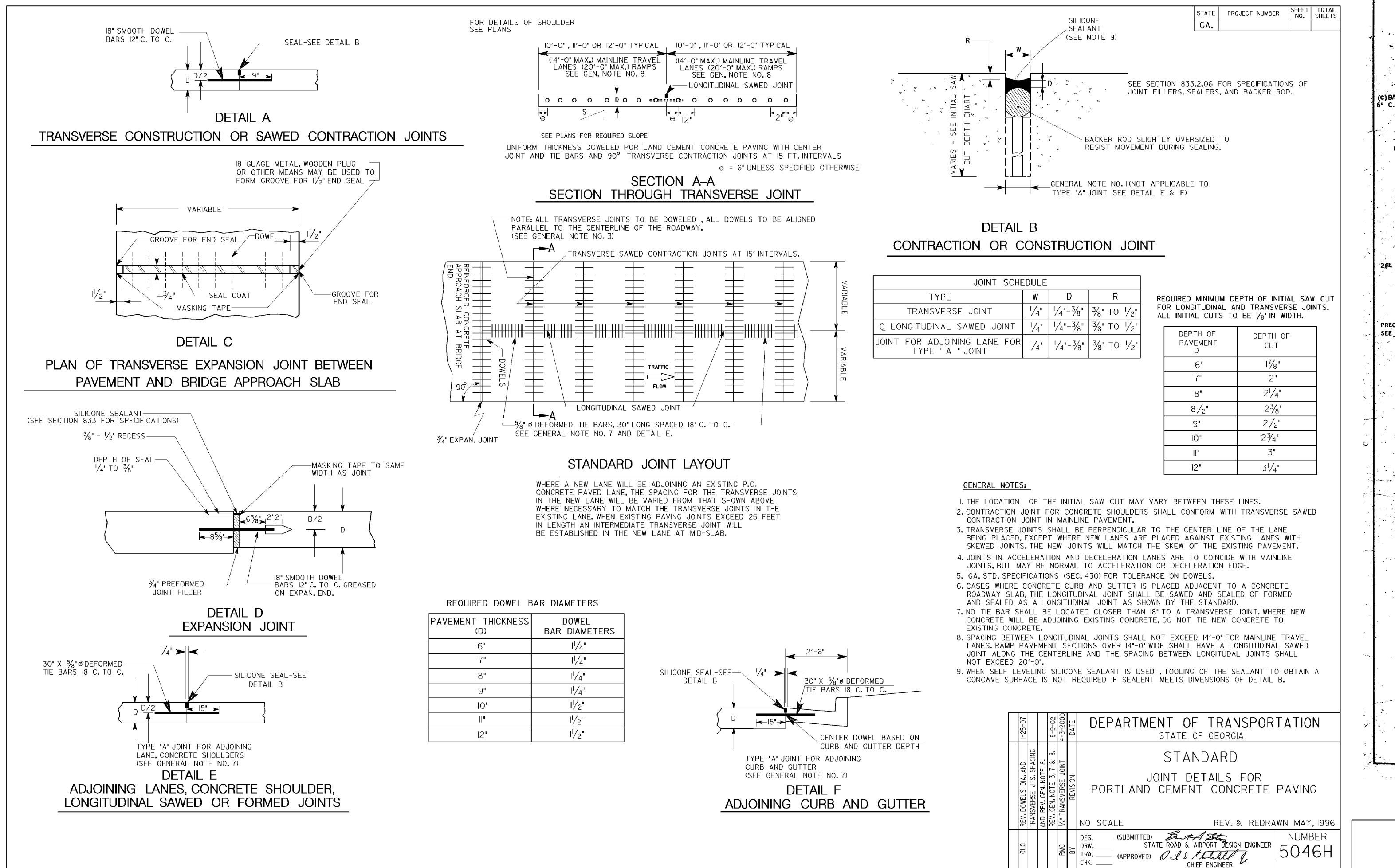
(TD1), (TD2) TRENCH DRAIN NOTES:

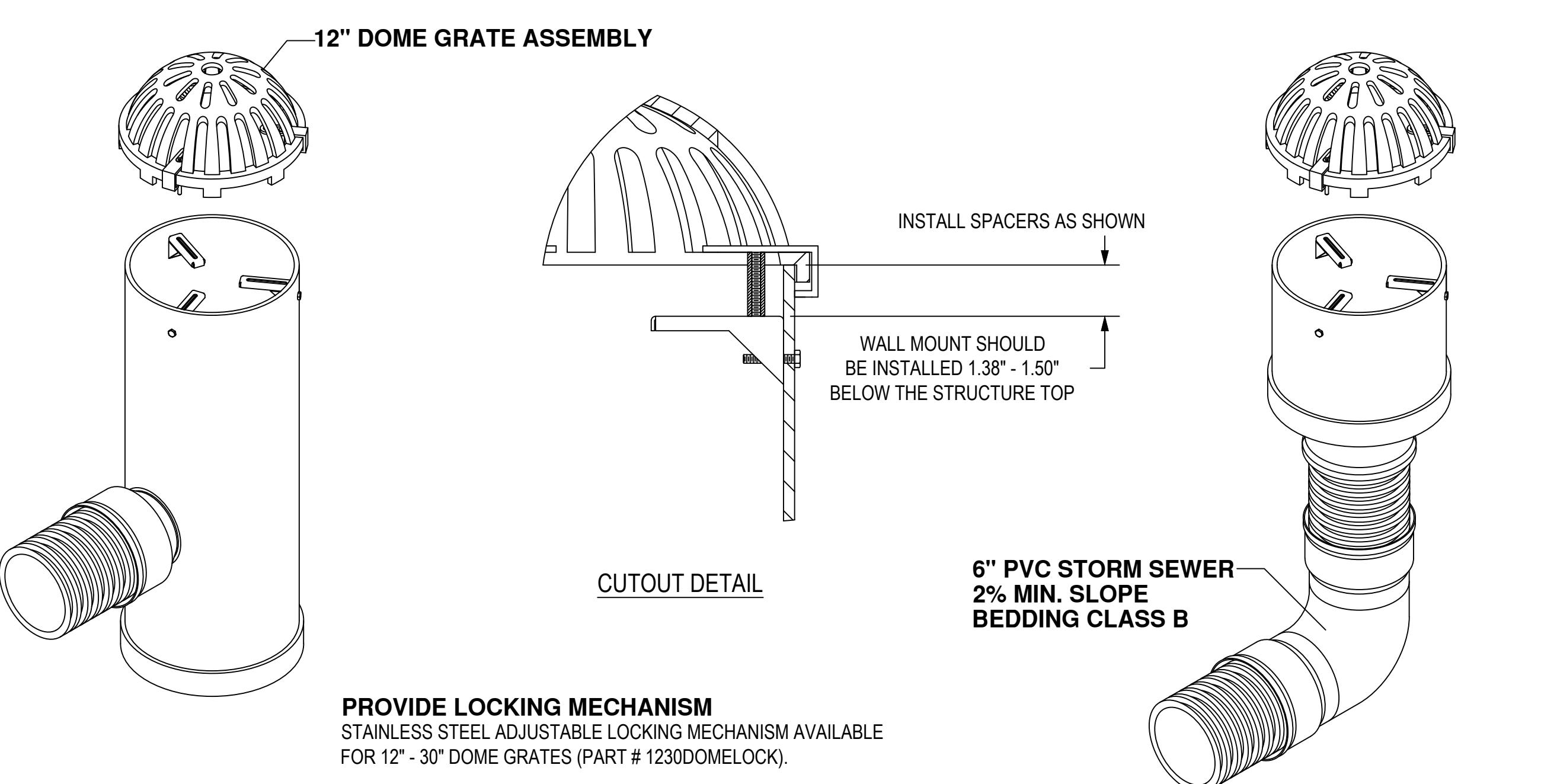
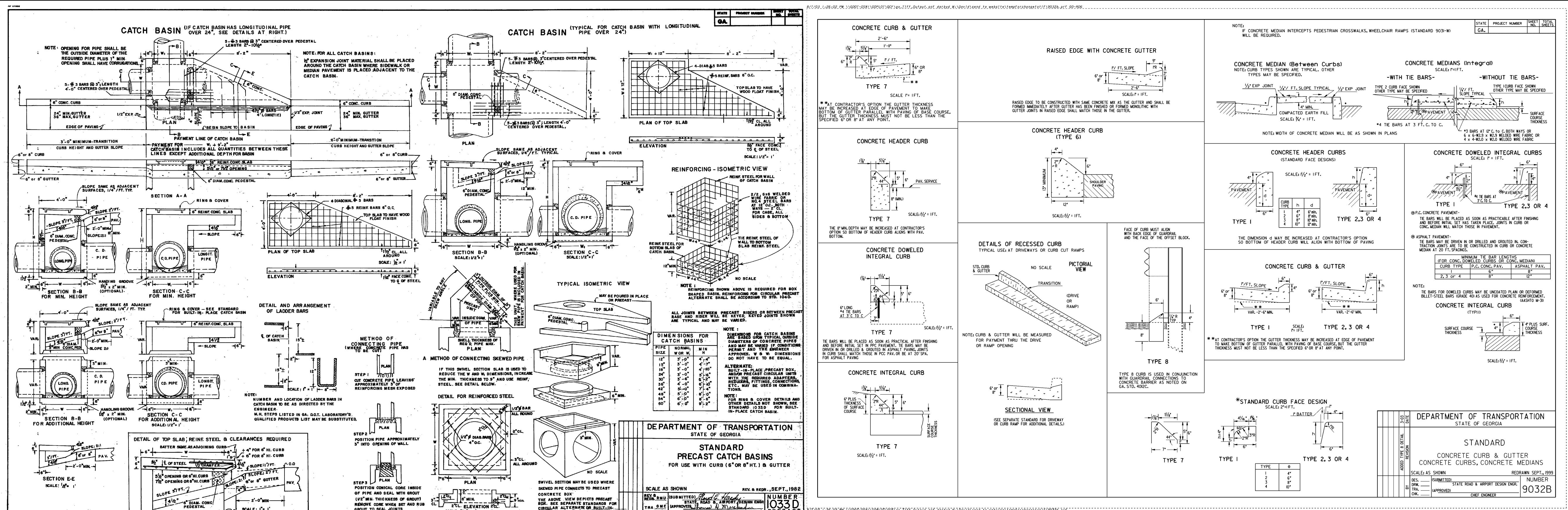
1. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. GEOTECHNICAL ENGINEER SHALL DOCUMENT AND APPROVE ALL SUBGRADE, COMPACTION, BACKFILL, TRENCH DRAIN MATERIALS AND INSTALLATION FOR FULL COMPLIANCE WITH CONTRACT DOCUMENTS.
3. ALL CONNECTIONS AND FITTINGS TO PVC PIPES AND STRUCTURES SHALL BE STANDARD FITTINGS WITH STRENGTH RATING TO MATCH THE PVC SPECIFICATIONS. ALL CONNECTIONS AND FITTINGS SHALL BE PERMANENT AND WATERPROOF.
4. SUBMIT ALL MATERIALS FOR APPROVAL PRIOR TO CONSTRUCTION (PTC).
5. ALL CONNECTIONS INTO MANHOLES OR OTHER STRUCTURES SHALL BE CORED WITH BOOTS EQUAL TO KOR-N-SEAL.
6. TAPER TRENCH DRAIN STONE AT PIPE CROSSINGS AS SHOWN, MAINTAIN MINIMUM STONE DEPTHS AT ALL CROSSINGS. DOCUMENT EACH CROSSING, CAREFULLY WRAP AND MAINTAIN FILTER FABRIC TO ENSURE PERIMETER PROTECTION FOR TRENCH DRAIN (TD) ENTIRE PERIMETER. ANY HOLES, TEARS, OR OTHER DAMAGE OR DEGRADATION OF FILTER FABRIC SHALL BE REPAIRED PER MANUFACTURER'S SPECIFICATIONS TO PROVIDE FILTER FABRIC FUNCTION TO MEET FILTER FABRIC SPECIFICATIONS FOR UNDAMAGED FABRIC.
7. EXTEND STONE TO 24" FROM MANHOLES OR STRUCTURES. WRAP FILTER FABRIC AROUND ENDS(S) OF (TD) TRENCH DRAINS STONE AT MANHOLES OR STRUCTURES. EXTEND SOLID PIPE FROM END OF STONE TO CONNECT TO MANHOLE OR STRUCTURE. PROVIDE 100% FILTER FABRIC COVERAGE FOR ALL TRENCH DRAIN STONE, OVERLAP FABRIC MIN. 16 INCHES.



PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASE. REQUIRED OPTIONS:
 1. ADA COMPLIANT POLY GRATE
 2. VANDAL PROOF LOCKING
 3. H-20 LOAD RATING
 SUBMITTAL MUST INCLUDE ALL ASSOCIATED EQUIPMENT, HARDWARE, INSTALLATION INSTRUCTIONS, MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS, WARRANTY, AND TYPICAL SECTIONS REFLECTING ACTUAL SITE CONDITIONS. CONTRACTOR SHALL CONFIRM WITH MANUFACTURER THAT PRODUCT SELECTED AND CONSTRUCTION DETAILS AS SUBMITTED WILL MEET ALL CODES AND FUNCTION PROPERLY.

(TD3) TRENCH DRAIN SYSTEM

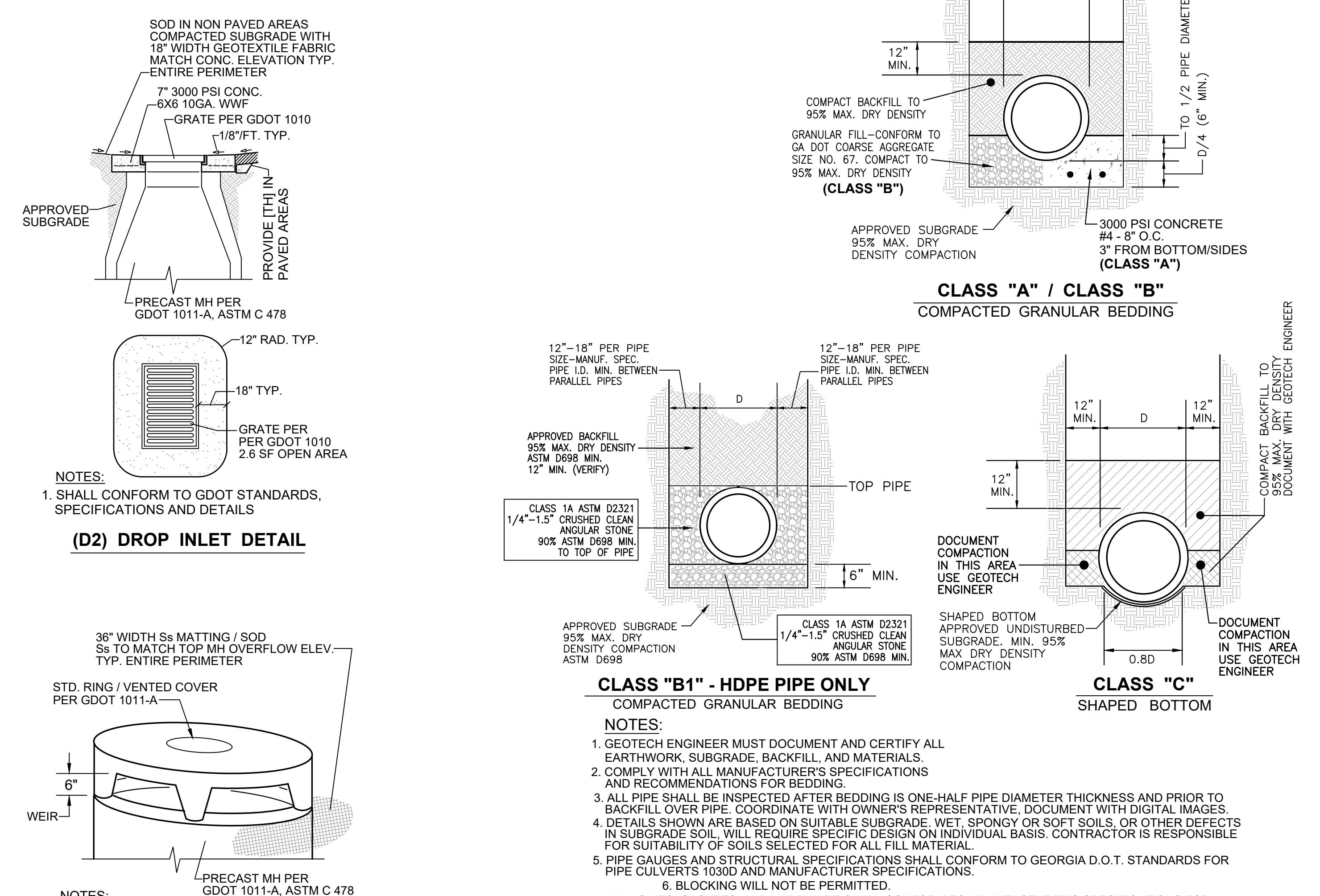




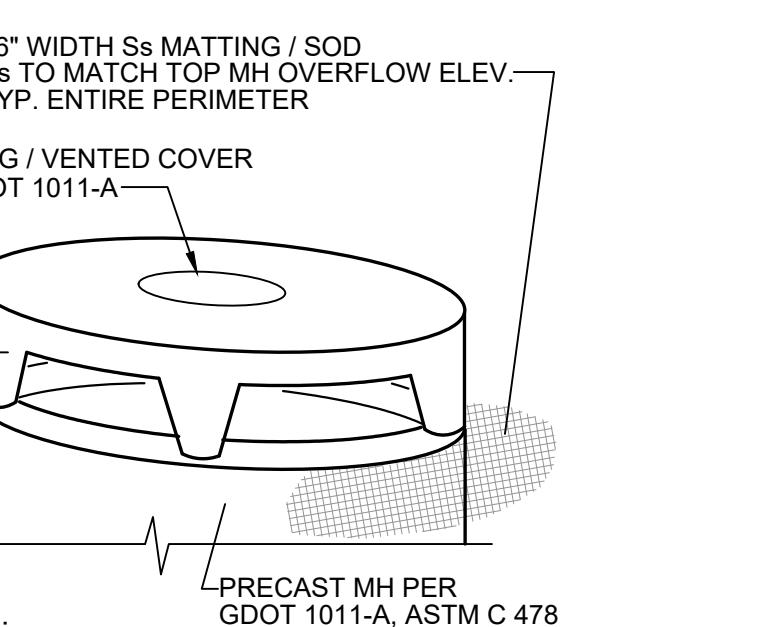
THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN.	DRAWN BY EBC	MATERIAL	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.	APPD BY EBC	PROJECT NO./NAME	12 IN -30 IN DOME LOCKING GRATE ASSEMBLY
2011 NYLOPLAST	REV BY CJA	DATE 7-29-14	TITLE
DWG SIZE A SCALE 1:16 SHEET 1 OF 1 DWG NO. 7001-110-421 REV B			

PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASE.
SUBMITTAL MUST INCLUDE ALL ASSOCIATED EQUIPMENT, HARDWARE,
POLES, MESH, COLORS, INSTALLATION INSTRUCTION, MANUFACTURER'S
SPECIFICATIONS AND RECOMMENDATIONS, WARRANTY.

(D13) DOME GRATE ASSEMBLY



(D1) DROP INLET DETAIL



NOTES:
1. SHALL CONFORM TO GDOT STANDARDS, SPECIFICATIONS AND DETAILS
2. PEDESTAL DESIGN PER MANUFACTURER.

NOTES:
1. ALL JOINTS, GASKETS, AND HARDWARE SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION AND PROVIDE PERMANENT WATERTIGHT SEALS.
2. DO NOT PLACE PIPE ON INCOMPRESSIBLE MATERIAL OR ROCK. EXCAVATE TO MINIMUM DEPTHS SHOWN.

PIPE BEDDING DETAILS

