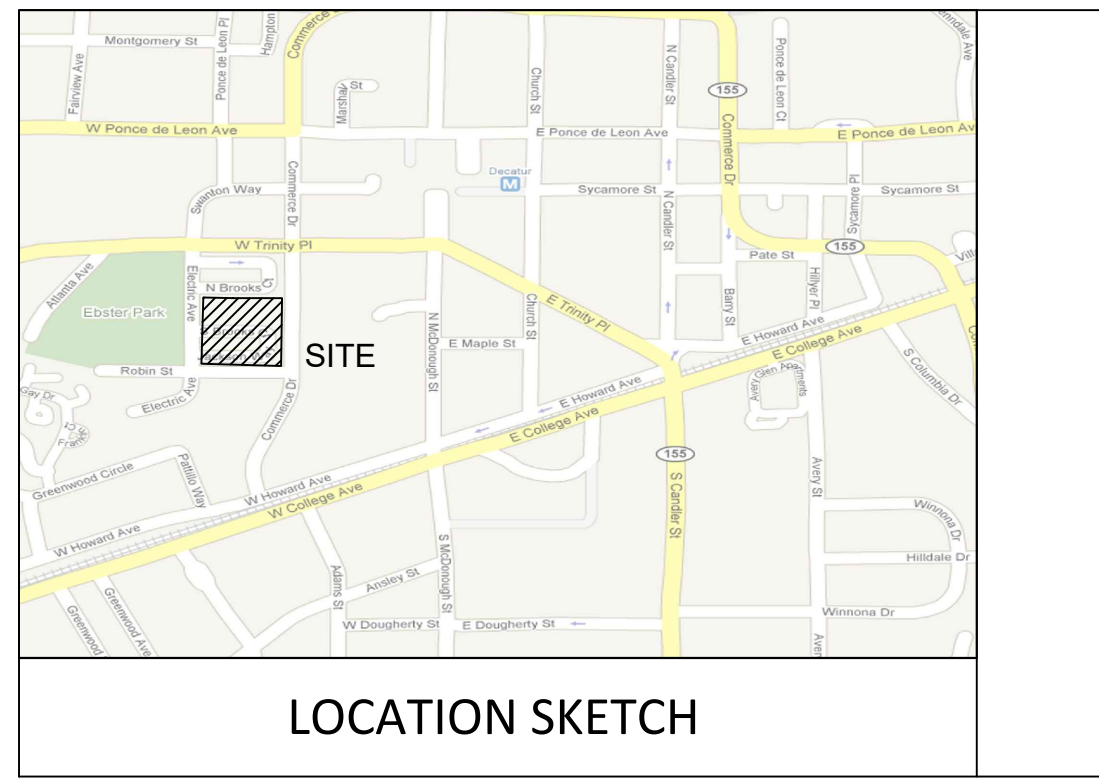


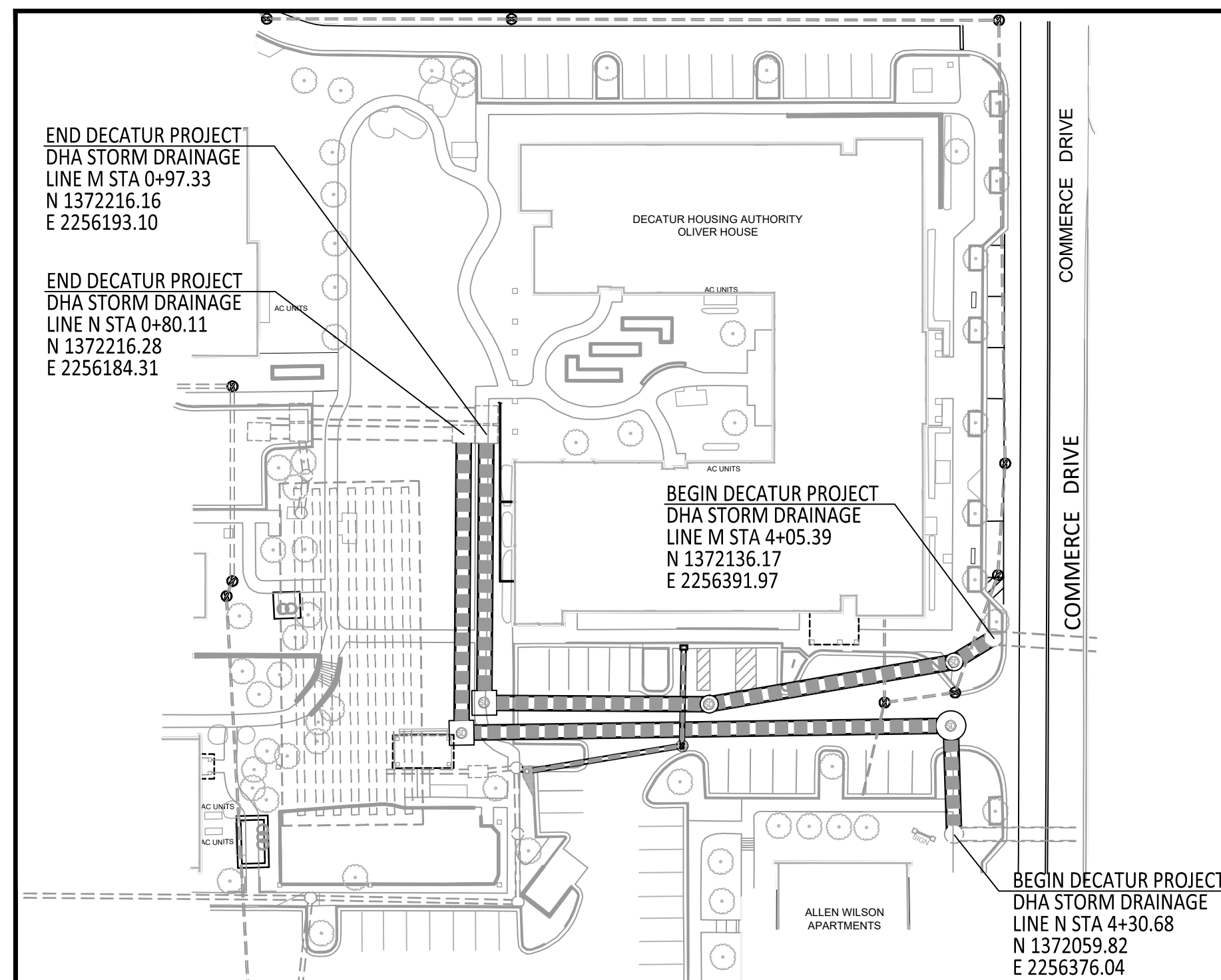
# CITY OF DECATUR ALLEN WILSON STORM DRAINAGE PROJECT DECATUR HOUSING AUTHORITY DECATUR, GEORGIA DEKALB COUNTY

CITY OF DECATUR CONTACT:  
JENNINGS BELL, PROJECT CIVIL ENGINEER  
PHONE: 678-553-6529  
EMAIL: JENNINGS.BELL@DECATURGA.COM



**SURVEY AND COORDINATE DATA**  
HORIZONTAL DATUM - NAD 83 GA WEST ZONE  
VERTICAL DATUM - NAVD 88  
COORDINATE ZONE - GEORGIA WEST  
PROJECT UNITS - ENGLISH

STATE, COUNTY, OR LAND LOT LINE	— — — — —
CITY LIMIT LINE	— — — — —
PROPERTY LINE	— — — — —
SURVEY OR BASE LINE	— — — — —
RIGHT OF WAY LINE	EXISTING — — — — —
	REQUIRED — — — — —
	LIMIT OF ACCESS — ○ ○ — — — ○ ○ —
	R/W & LIMIT OF ACCESS —    — — —    —
R/W MARKERS	— ⊠ — — — ⊠ —
FENCE	— X — — — X —
RAILROADS	— — — — —
POWER LINE	— P — — — P —
TELEPHONE LINE	— T — — — T —
POWER POLES	— ● — — — ● —
TELEPHONE OR TELEGRAPH POLES	— ○ — — — ○ —



LAND DISTRICT NO. 15  
G.M.D. 531  
LAND LOT: 235, 246  
DEKALB COUNTY, GEORGIA

THIS PROJECT IS LOCATED 100% IN DEKALB COUNTY AND CONGRESSIONAL DISTRICT 4

**NOTE :**  
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDE ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO " STATE HIGHWAY DEPARTMENT OF GEORGIA ", " STATE HIGHWAY DEPARTMENT ", " GEORGIA STATE HIGHWAY DEPARTMENT ", " HIGHWAY DEPARTMENT ", OR " DEPARTMENT " WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA MEAN, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE CITY OF DECATUR IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

LOCATION AND DESIGN APPROVAL DATE	
PLANS COMPLETED DATE	

REVISIONS	

**ATKINS**  
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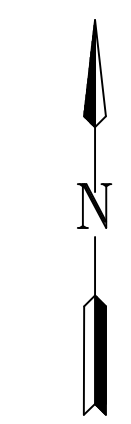
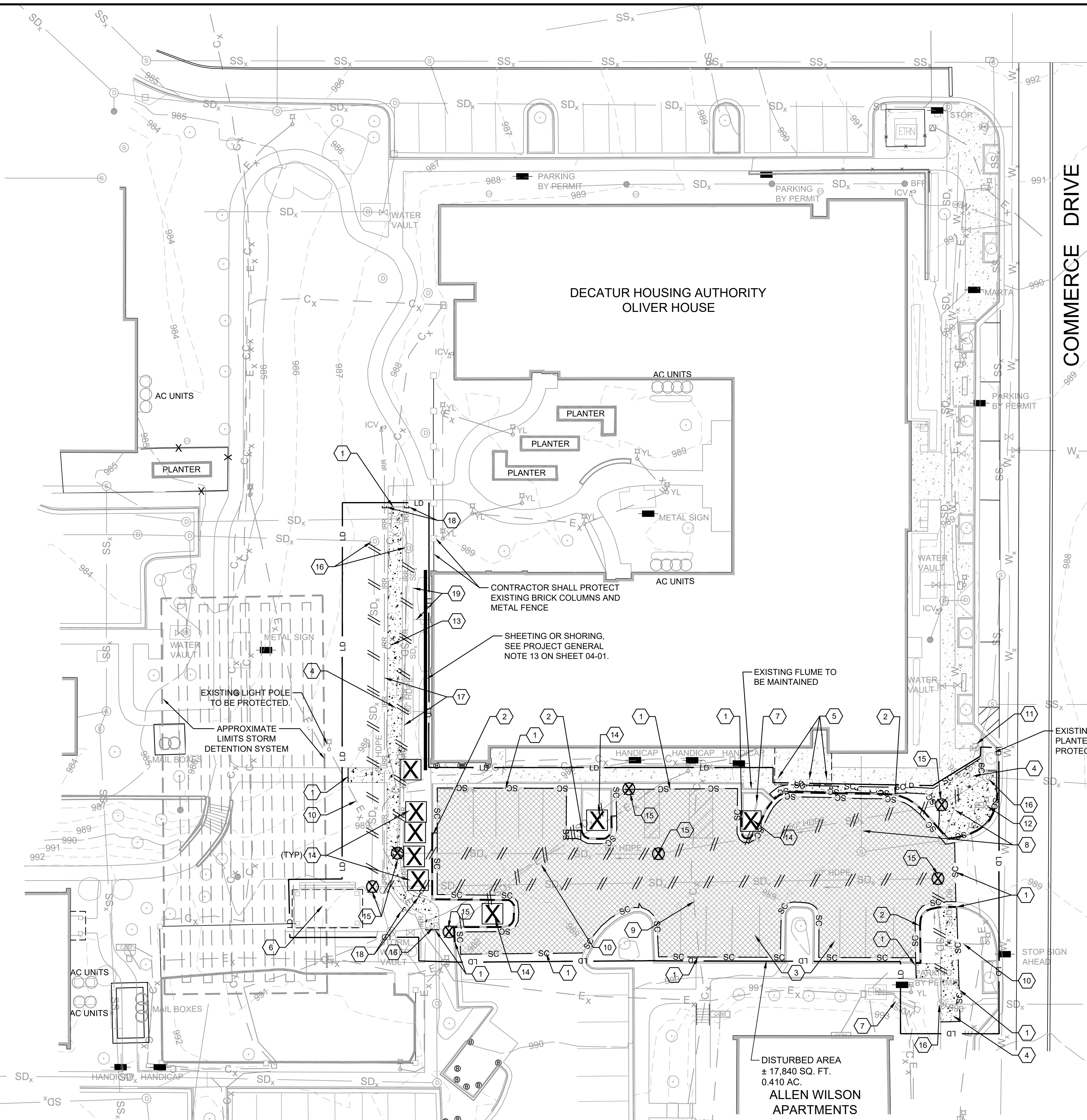
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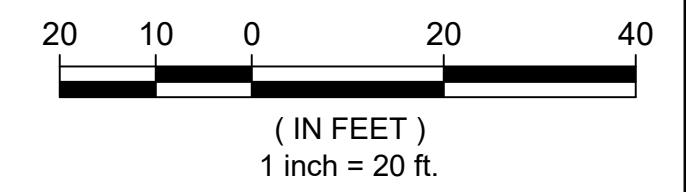




- ### DEMO PLAN KEY NOTES
- ① LIMITS OF SAW CUT
  - ② CURB & GUTTER TO BE REMOVED
  - ③ PAVEMENT TO BE REMOVED
  - ④ SIDEWALK TO BE REMOVED
  - ⑤ CANOPY COLUMN TO BE PROTECTED
  - ⑥ PAVILION TO BE REMOVED BY OTHERS
  - ⑦ SIGN TO BE REMOVED AND REPLACED
  - ⑧ SANITARY SEWER TO BE PROTECTED
  - ⑨ COMMUNICATION LINE TO BE PROTECTED
  - ⑩ ELECTRICAL SERVICE TO BE PROTECTED
  - ⑪ FIRE HYDRANT TO BE PROTECTED
  - ⑫ LIGHT POLE TO BE PROTECTED
  - ⑬ UTILITY LINE TO BE REMOVED/RELOCATED
  - ⑭ TREE TO BE REMOVED AND REPLACED
  - ⑮ DRAINAGE STRUCTURE TO BE REMOVED
  - ⑯ DRAINAGE STRUCTURE TO BE REMAIN AND BE PROTECTED
  - ⑰ IRRIGATION LINES TO BE REMOVED
  - ⑱ CUT & CAP IRRIGATIONS LINES (TO BE COORDINATED WITH DHA)
  - ⑲ ROOF DRAIN COLLECTOR SYSTEM, SEE NOTE 12
- ⊗ DRAINAGE STRUCTURE TO BE REMOVED
  - ⊗ TREE TO BE REMOVED AND REPLACED
- LD LIMITS OF DISTURBANCE
  - SC SAW CUT
  - CURB TO BE REMOVED
  - ///SD/// STORM LINE TO BE REMOVED
  - [Cross-hatch] PAVEMENT TO BE REMOVED
  - [Dotted] SIDEWALK TO BE REMOVED

### GENERAL DEMOLITION NOTES :

1. EXISTING INFORMATION AND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY INFORMATION AND LOCATIONS GIVEN ON DRAWINGS IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD.
2. OBTAIN ALL PERMITS FROM STATE AND LOCAL AUTHORITIES PRIOR TO THE DEMOLITION AND REMOVAL OF ANY STRUCTURES, PAVING OR INFRASTRUCTURE.
3. SITE DEMOLITION MUST BE PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION STAGING PLANS PROVIDED BY THE CONTRACTOR AND APPROVED BY THE CITY OF DECATUR.
4. CONTRACTOR MUST MAINTAIN ALL UTILITY SERVICE TO ALL ADJACENT STRUCTURES AND BUILDINGS AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER TO INSURE NO DISRUPTIONS OCCUR.
5. ALL DEBRIS, STRUCTURES, INFRASTRUCTURE, PIPES, TRENCH FILL, POLES, CABLE, PAVING AND ANY OTHER MATERIAL IDENTIFIED AND OR REQUIRED TO CONSTRUCT THE PROJECT FOR REMOVAL SHALL BE LEGALLY DISPOSED OF OFF-SITE AT A PERMITTED FACILITY.
6. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION/DEMOLITION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS, REFER TO PROJECT NOTE #14, ON SHEET 04-01.
7. THE CONTRACTOR SHALL PROVIDE NECESSARY BARRICADES, SUFFICIENT LIGHTS AND TRAFFIC CONTROL PLAN MEASURES FOR PROTECTION AND SAFETY OF THE PUBLIC. TRAFFIC CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PEDESTRIAN ACCESS THROUGHOUT THE STORM DRAINAGE CONSTRUCTION. HANDICAP ACCESS MUST BE MAINTAINED AT ALL DRIVEWAY INTERSECTIONS AT COMMERCE DRIVE. CONTRACTOR MUST COORDINATE WITH CITY OF DECATUR ON ACCESSIBLE ROUTES AT LEAST TWO WEEKS PRIOR TO THE START OF CONSTRUCTION.
9. THE CONTRACTOR SHALL PROTECT EXISTING CURB AND GUTTER, SIDEWALK AND TREES WHICH ARE TO REMAIN DURING ALL PHASES OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR REPLACING ANY DAMAGE.
10. TO CONSTRUCT THE STORM DRAINAGE SYSTEM, DHA WILL BE RESPONSIBLE FOR THE REMOVAL OF THE EXISTING PAVILION.
11. EXISTING LARGE DIAMETER (60") STORM PIPE BEING REMOVED IS HDPE AND TYPICALLY COMES IN 20' LENGTHS. CONTRACTOR MUST ACCOMMODATE FOR THIS IN SHEETING AND SHORING PLAN.
12. CONTRACTOR MUST MAINTAIN ROOF DRAIN COLLECTOR SYSTEM TIE IN TO THE CISTERN SYSTEM AT ALL TIMES. COORDINATION WITH DHA IS REQUIRED.



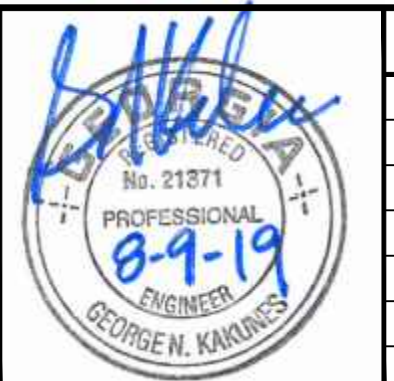
PROPERTY LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS	---	BLA
END LIMIT OF ACCESS	---	ELA
EXIST. LIMIT OF ACCESS	---	
REQ'D R/W & LIMIT OF ACCESS	---	
ORANGE BARRIER FENCE	---	

**ATKINS**  
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DATE	REVISIONS	DATE	REVISIONS

CITY OF DECATUR  
EXISTING CONDITIONS AND DEMOLITION PLAN  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO. 03-02

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# GENERAL NOTES

## GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA STANDARD SPECIFICATIONS - CONSTRUCTION OF ROADS AND BRIDGES.
- THIS ENTIRE PROJECT IS CONSIDERED TO BE WITHIN THE LIMITS OF AN INSECT-INFESTED AREA. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FOLLOWING SECTIONS OR SPECIAL PROVISIONS OF THE STANDARD SPECIFICATIONS:
  - A. SECTION 155 - INSECT CONTROL
  - B. SECTION 893 - MISC. PLANTING MATERIALS
  - C. SECTION 107.13D - INSECT CONTROL REGULATIONS
- A N.O.I (NOTICE OF INTENT) IS **NOT** REQUIRED FOR THIS PROJECT. THE DISTURBED AREA IS 17,840 SQ. FT. / 0.410 ACRES.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
- NOTIFY CITY OF DECATUR, GA INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION AT 404-377-6198.
- HORIZONTAL CONTROL IS BASED UPON GEORGIA STATE PLANE COORDINATE SYSTEM. SEE PLANS FOR LOCATIONS OF MONUMENTS USED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT. REFER TO SECTION 149 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT. CONTRACTOR SHALL PROVIDE AS-BUILT STORM SEWER INFORMATION TO THE CITY WHICH IS BASED UPON GA. WEST AND IS GEO-REFERENCED SO THAT IT ALIGNS WITH THE CITY OF DECATUR'S GIS SYSTEM.
- ALL SIDEWALKS AND CURB RAMPS WILL BE CONSTRUCTED TO MEET ALL REQUIREMENTS OF THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) AND "AMERICAN DISABILITY ACT OF 1991". SEE GDOT CONSTRUCTION DETAIL CURB CUT (WHEELCHAIR) RAMPS. RAMPS SHALL BE CONSTRUCTED AT ALL SIDE STREETS THAT INTERSECT THE SIDEWALK CONSTRUCTION.
- ALL EXISTING MANHOLES, VALVES, SURVEY POINTS/BENCH MARKS ETC. LOCATED WITHIN THE AREAS WHERE THE SIDEWALK IS TO BE CONSTRUCTED SHALL BE ADJUSTED TO GRADE OR RELOCATED. THE TOPS OF THESE OBJECTS MUST REMAIN ACCESSIBLE AND FLUSH WITH THE TOP OF THE SIDEWALK OR FINISHED GRADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF VAULTS AND BASEMENTS EXTENDING BEYOND THE BUILDING LINE PRIOR TO CONSTRUCTION. IF ANY EXISTS, SUCH VAULTS AND BASEMENTS SHALL BE PROTECTED IN PLACE. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR ALL COSTS
- ALL DRIVES AND PARKING AREAS THAT ARE RECONSTRUCTED SHALL BE REPLACED IN KIND (I.E. ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT FOR EARTH). WHERE REQUIRED, DRIVES SHALL BE CONSTRUCTED AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS:
  - ASPHALT & EARTH DRIVEWAYS Residential:  
Recycled Asph. Conc. 9.5 mm Superpave, 165#/Sq.Yd. 8" Graded Aggregate Base
  - Commercial: Recycled Asph. conc. 9.5 mm Superpave, 165#/Sq.Yd.  
Recycled Asph. Conc. 19mm Superpave, 220#Sq.Yd. 8" Graded Aggregate Base
  - CONCRETE DRIVEWAYS:  
Residential: 6" Driveway Concrete  
Commercial: 6" Driveway Concrete
- THE EXCAVATION OF THE TRENCH SHALL NOT ADVANCE MORE THE 100 FEET AHEAD OF THE COMPLETED PIPE WORK.
- THE CONTRACTOR SHALL SECURE THE CONSTRUCTION AREA WITH TEMPORARY 8' CHAIN LINK FENCE. FENCING SHALL BE RELOCATED AS CONSTRUCTION PROGRESSES.
- CONTRACTOR IS RESPONSIBLE FOR ALL SHEETING AND SHORING. PRIOR TO PRE-CONSTRUCTION MEETING CONTRACTOR SHALL PROVIDE PLANS AND DETAILS SEALED BY A GEORGIA REGISTERED STRUCTURAL ENGINEER (S.E.) TO THE CITY FOR REVIEW AND APPROVAL.
- PRIOR TO DEMOLITION OF THE SITE, THE CONTRACTOR SHALL PROVIDE A DETAILED TOPOGRAPHIC SURVEY OF ALL TOP AND BOTTOM OF CURB LINES AND PAVEMENT ELEVATIONS TO BE IMPACTED FOR FUTURE REPLACEMENT. AT THE END OF THE PROJECT THE CONTRACTOR IS REQUIRED TO PROVIDE A DETAILED TOPOGRAPHIC SURVEY OF ALL PAVEMENT ELEVATIONS TO VERIFY POSITIVE DRAINAGE HAS BEEN PROVIDED.

## PROJECT SPECIFIC NOTES

- THIS PROJECT IS LOCATED 100 PERCENT WITHIN CONGRESSIONAL DISTRICT NO. 4.
- THIS PROJECT IS LOCATED 100 PERCENT WITHIN THE CITY OF DECATUR, DEKALB COUNTY.
- A GEOTECHNICAL EVALUATION / REPORT WAS PREPARED FOR THE CITY AND IS AVAILABLE FOR REVIEW.
- ALL MATERIAL EXCAVATED FROM THE TRENCHES SHALL BE HAULED OFF-SITE AND NEW FILL / EMBANKMENT WILL BE HAULED ON SITE TO COMPLETE THE WORK.**
- ALL COSTS FOR EARTHWORK AND GRADING SHALL BE PAID FOR AT THE PRICE BID FOR GRADING COMPLETE - LUMP SUM. THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING SUITABLE BORROW MATERIAL FOR THIS PROJECT, AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL. ALL FILL AREAS MUST BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR. COMPACT UPPER 1-FOOT OF SOIL BENEATH PAVEMENT AREAS TO 98% STANDARD PROCTOR PER ASTM D698.
- UTILITY WORK COORDINATION WILL BE REQUIRED AS A PART OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR USING THE UPC ONE-CALL CENTER AT 811 PRIOR TO THE START OF WORK FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.
- THE FOLLOWING KNOWN UTILITY OWNERS HAVE FACILITIES WITHIN THE LIMITS OF THE PROJECT AND MAY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR MAY INSTALL NEW FACILITIES CONCURRENTLY WITH THE CONSTRUCTION WORK:

UTILITY OWNERS				
NAME	SERVICE	ADDRESS	CONTACT	PHONE NO.
ATLANTA GAS LIGHT RESOURCES	GAS	10 P'TREE PL, P'R 11, STE 1000 ATLANTA, GA 30309	BRIAN LEAVELL	404-584-4702
GEORGIA POWER	ELECTRIC	241 RALPH MCGILL BLVD, NE ATLANTA, GA 30308-3374	DAN EVERITT	404-506-2889
GEORGIA TRANSMISSION	ELEC. TRANSMISSION	2100 EAST EXCHANGE PL TUCKER, GA 30084	TONY PRITCHETT	770-270-7511
DEKALB COUNTY WATER & SEWER SYSTEM	WATER & SEWER	1580 ROADHAVEN DR STONE MOUNTAIN, GA 30083	LACRESHA JOHNSON	770-419-6343
AT&T	COMMUNICATIONS	360 GEEES MILL BUS, PWAY CONYERS, GA 30013	ARLENE JACKSON	770-621-7256
COMCAST	CABLE	1038 W PEACHTREE ST ATLANTA, GA 30309	JOEY BROWN	770-559-2215

- AT LOCATIONS WHERE NEW PAVEMENT OR NEW CURB IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY, A JOINT SHALL BE SAWEED ON A LINE ESTABLISHED BY THE ENGINEER TO ENSURE PAVEMENT REMOVAL TO A NEAT LINE. A NEAT EDGE WILL BE INCLUDED IN GRADING COMPLETE - LUMP SUM.
- CLEARING AND GRUBBING ON THIS PROJECT IS LIMITED TO THE ACTUAL CONSTRUCTION LIMITS. NO CLEARING AND GRUBBING BEYOND CONSTRUCTION LIMITS UNLESS DIRECTED BY THE ENGINEER. STRUCTURES, TREES, SHRUBS, AND OTHER LANDSCAPE PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
- ALL EXISTING PIPE SHALL REMAIN UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE REPRESENTATIVE OF THE CITY. REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
- THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO PLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR RE-GRADING AS REQUIRED BY THE REPRESENTATIVE OF THE CITY. EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- IN AREAS WHERE TP. 2 CURB & GUTTER IS USED, DRAINAGE STRUCTURES 1033D AND 1034D WILL BE REQUIRED. IN AREAS WHERE TP. 7 CURB IS USED, DRAINAGE STRUCTURES 1033G AND 1034G WILL BE REQUIRED.
- ALL PIPING CONSTRUCTION MUST BE DONE USING TRENCH BOXES, NO LAYBACK TRENCH CONSTRUCTION WILL BE PERMISSIBLE. CONTRACTOR WILL BE RESPONSIBLE FOR THE SHEETING/SHORING ADJACENT TO EXISTING BUILDINGS. SHEETING/SHORING MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF GEORGIA. THE SHEETING/SHORING PLANS MUST BE SUBMITTED TO THE CITY ENGINEER AT LEAST TWO WEEKS PRIOR TO ANY CONSTRUCTION. THE CITY BUILDING INSPECTOR MUST REVIEW AND APPROVE PLANS SUBMITTED BY THE CONTRACTOR.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS BE REQUIRED TO POTHOLE ALL EXISTING UTILITIES IN THE AREA OF THE PROPOSED STORM DRAINAGE IMPROVEMENTS, TO VERIFY NO CONFLICTS EXIST AND TO IDENTIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES (INCLUDING, BUT NOT LIMITED TO WATER, GAS, ELECTRICAL AND COMMUNICATION LINES). PRIOR TO CONSTRUCTION ACTIVITY, ANY AND ALL POTENTIAL CONFLICTS SHALL BE REPORTED TO THE ENGINEERS ATTENTION IMMEDIATELY.
- GEOTECHNICAL ENGINEER MUST BE PRESENT DURING STORM PIPE TRENCH EXCAVATION. CONTRACTOR AT A MINIMUM MUST PROVIDE A MINIMUM OF 2' UNDERCUT UNDER ALL STORM PIPE INSTALLATION. REPLACEMENT OF UNDERCUT MATERIALS WITH BACKFILL IN ACCORDANCE WITH GDOT SPECIFICATIONS IS REQUIRED (BACK FILL STORM PIPE TRENCH WITH #57 STONE TO AN ELEVATION ONE FOOT ABOVE TOP OF PIPE). ALL UNSUITABLE MATERIALS SHALL BE HAULED OFFSITE.

## TRAFFIC CONTROL NOTES

- THE CONTRACTORS ATTENTION IS DIRECTED TO ARTICLES 104.05 AND 107.07 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND SEQUENCE OF OPERATIONS IN REGARDS TO MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. FOR ADDITIONAL TRAFFIC CONTROL NOTES SEE GDOT STD. DRAWING NO. 9100.
- PRICE BID FOR TRAFFIC CONTROL - LUMP SUM SHALL INCLUDE, BUT IS NOT LIMITED TO, CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNING AND PAVEMENT MARKINGS, BARRICADES, CHANNELIZING DEVICES, ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION AND/OR AS DIRECTED BY THE REPRESENTATIVE OF THE CITY.
- WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY GRINDING, UNLESS SPECIFIED BY THE REPRESENTATIVE OF THE CITY.
- NO SEPARATE PAYMENT WILL BE MADE FOR AGGREGATE SURFACE COURSE FOR MAINTENANCE OF TRAFFIC. COSTS FOR AGGREGATE SURFACE COURSE FOR MAINTENANCE OF TRAFFIC SHALL BE INCLUDED UNDER THE PRICE BID FOR TRAFFIC CONTROL - LUMP SUM. QUANTITY SHOWN IN PLANS FOR AGGREGATE SURFACE COURSE IS FOR FINISHED DRIVEWAYS ONLY.
- WARNING DEVICES SHALL BE PLACED PRIOR TO COMMENCEMENT OF ANY ROAD IMPROVEMENT WORK AND SHALL REMAIN IN PLACE UNTIL THE CONCLUSION OF ALL SIGNING AND STRIPING WORK.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND THE PERIMETER OF THE CONSTRUCTION AREA AT ALL TIMES.

## DEKALB COUNTY WATER & SEWER NOTES:

- ALL DESIGN AND CONSTRUCTION FOR WATER, SEWER, FIRE LINES, LIFT STATIONS AND BACKFLOW PREVENTION SHALL COMPLY WITH DEKALB COUNTY DEPARTMENT OF WATERSHED MANAGEMENT DESIGN STANDARDS 2009 EDITION, VERSION 1.0. TO PURCHASE A COPY OF THE DESIGN STANDARDS, PLEASE CALL 770-414-2383 OR 770-621-7272.
- CONTRACTOR SHALL PROVIDE RECORD DRAWINGS "AS-BUILT PLANS" AND "FINAL PLATS" (IF APPLICABLE) IN HARD COPY AND ELECTRONIC (AUTOCAD OR MICROSTATION FORMAT), AS WELL AS RECORD ALL EASEMENTS THAT WILL BE DEDICATED TO DEKALB COUNTY IN THE COURT HOUSE, PRIOR TO OBTAINING THE CERTIFICATE OF OCCUPANCY/COMPLETION.
- FIRE LINES, F.O.G., BACKFLOW PREVENTION, AND LIFT STATIONS REQUIRE A SEPARATE REVIEW.
- F.O.G. COMPLIANCE (GREASE TRAP) REVIEW AND APPROVAL - CALL 404-687-7150 OR 404-687-7157.
- PROJECTS INVOLVING CONSTRUCTION OF TOWN HOMES AND/OR CONDOMINIUMS ARE REQUIRED TO HAVE INDIVIDUAL METERS FOR EACH UNIT.
- FIELD CHANGES DURING CONSTRUCTION MUST BE SUBMITTED FOR REVIEW & APPROVAL BY THE COUNTY ENGINEER.
- FOR PROJECTS WITHIN CITIES, DEVELOPER SHALL PROVIDE A MAINTENANCE BOND TO DEKALB COUNTY FOR WATERSHED UTILITIES PRIOR TO APPROVAL OF AS-BUILT PLANS.
- CONTRACTOR MUST JET CLEAN & TV SANITARY SEWER LINES AFTER CONNECTIONS ARE MADE TO THE EXISTING SEWER TIE-IN POINTS. TRACER WIRE TO BE INSTALLED FOR PVC PIPES.
- CONTRACTOR MUST NOTIFY WATER & SEWER CONSTRUCTION INSPECTOR AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

DISTRICT	15	16	18(NW)	18(MIDDLE)	18(EAST)
INSPECTOR	L. KELLEY	D. O'BRIEN	M. MCGUIRE	M. FAVORS	M. DENIS
PHONE	404-371-2149	404-687-4050	404-687-4060	404-371-2135	404-371-2110

- ANY BACK FLOW DEVICES FOUND ONSITE THAT REQUIRE RELOCATION WILL BE PART OF WORK IN THIS PROJECT AND INCIDENTAL TO COSTS.
- CONTRACTOR TO INSTALL THRUST BLOCKS AT ALL TEES AND BENDS.
- IF ANY EXISTING SANITARY SEWER LINE CROSSING A STORM SEWER LINE IS OTHER THAN D.I.P., THEN REPLACEMENT WITH D.I.P. IS REQUIRED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE WATER LINE AND SANITARY SEWER LINE RECONNECTIONS/ TAPS ASSOCIATED WITH THE PROJECT. COORDINATION WITH THE APPROPRIATE DEKALB COUNTY INSPECTOR IS REQUIRED.
- A MINIMUM OF FOUR (4) FEET OF COVER IS REQUIRED ABOVE PROPOSED WATER LINES. IN AREAS WHERE THERE IS LESS THAN FOUR (4) FEET OF COVER, THE CONSTRUCTION OF A SIX (6) INCH THICK CONCRETE SLAB, TWO (2) FEET ABOVE THE TOP OF PIPE WILL BE REQUIRED (SLAB WILL BE A MINIMUM OF THREE (3) FEET IN WIDTH AND 4,000 PSI STRENGTH, NON-REINFORCED).
- CONTRACTOR IS REQUIRED TO PROVIDE AS-BUILT INFORMATION FOR WATER AND SANITARY SEWER UPGRADES TO DEKALB COUNTY (HARD COPIES AND ELECTRONIC FILES).

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PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA
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REQ'D R/W & LIMIT OF ACCESS		
ORANGE BARRIER FENCE		


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DATE	REVISIONS	DATE	REVISIONS

CITY OF DECATUR  
  
**GENERAL NOTES**  
  
 DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
 CITY OF DECATUR FUNDED

DRAWING NO.  
**04-01**



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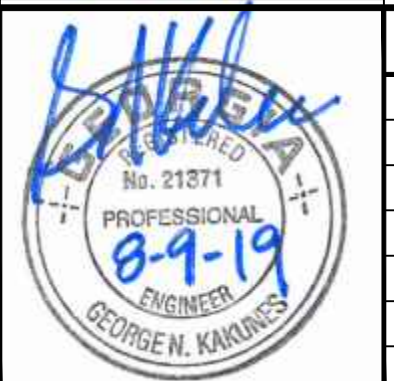
City of Decatur Allen Wilson Storm Drianage Project				
Item No.	Pay Item	Item Description	Estimated Quantity	Unit
	150-1000	TRAFFIC CONTROL	1	LS
	163-0232	TEMPORARY GRASSING	.08	AC
	163-0240	MULCH	1	TN
	163-0300	CONSTRUCTION ENTRANCE	2	EA
	163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1	EA
	165-0001	COMPOST FILTER SOCK	50	LF
	165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	325	LF
	165-0101	MAINTENANCE OF CONSTRUCTION ENTRANCE	2	EA
	165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	3	EA
	171-0030	TEMPORARY SILT FENCE, TYPE C	325	LF
	207-0203	FOUNDATIONAL BACKFILL TYP 2	2,000	TN
	210-0100	GRADING COMPLETE	1	LS
	310-1101	GR AGGR BASE CRS, INCL MATL	368.8	TN
	402-3100	RECYCELED ASPH.CONC. 9.5 MM SUPERPAVE GP 1 OR 2 BLEND 1 INCL BITUM MATL & LIME	96.5	TN
	402-3190	RECYCELED ASPH.CONC. 19 MM SUPERPAVE TYPE II, BLEND 1 INCL BITUM MATL & LIME	96.5	TN
	441-0104	CONCRETE SIDEWALK, 4 IN	172.8	SY
	441-6012	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	247	LF
	444-0000	SAW CUTTING PAVEMENT	175	LF
	522-1000	TEMPORARY SHORING	1	LS
	550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	99	LF
	550-1600	STORM DRAIN PIPE, 60 IN, H 1-10	659	LF
	633-1000	REMOVE AND RECONSTRUCT PROJECT SIGNAGE FEATURE	2	EA
	643-8200	BARRIER FENCE (ORANGE), 4 FT - TREE PROTECTION	4200	LF
	652-2501	SOLID TRAFFIC STRIPE, 5 IN, WHITE	450	LF
	653-0095	HANDICAPPED SYMBOLS	3	LF
	668-2200	DROP INLET GP2 GA. STD. 1019A	2	EA
	668-4300	STORM SEWER MANHOLE TP1 GA. STD.1011A	3	EA
	668-4411	STORM SEWER MANHOLE TP2 GA. STD.1011A	5	EA
	700-7000	AGRICULTURAL LIME	1	TN
	700-8000	FERTILIZER MIXED GRADE	1	TN
	700-8100	FERTILIZER NITROGEN CONTENT	100	LB
	700-9300	SOD BERMUDA	390	SY
	702-0905	QUERCUS PHELLOS WILLOW OAK 6"-6 1/2" CAL.	3	EA
	702-0999	CRYPTOMERA JAPONICA 18'-20' HGT.	6	EA
	708-9025	LANDSCAPE MULCH	65	SY
	797-1000	PAVILLION DEMOLITION AND STORAGE	1	LS
	939-8000	GEOTECHNICAL AND MATERIAL TESTING	1	LS
	999-0001	MISCELLANEOUS CONSTRUCTION CONTINGENCY AS DIRECTED BY ENGINEER	1	ALLOW

NOTE:  
 THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL QUANTITIES OF THE ITEMS TO CONSTRUCT THE PROJECT AS INDICATED IN THE CONSTRUCTION DRAWINGS. THIS MAY INCLUDE THE CONSTRUCTION OF ITEMS NOT PRESENT IN THE DETAILED ESTIMATE OF THE SUMMARY OF QUANTITIES OR THE BID SCHEDULE UNIT PRICES.

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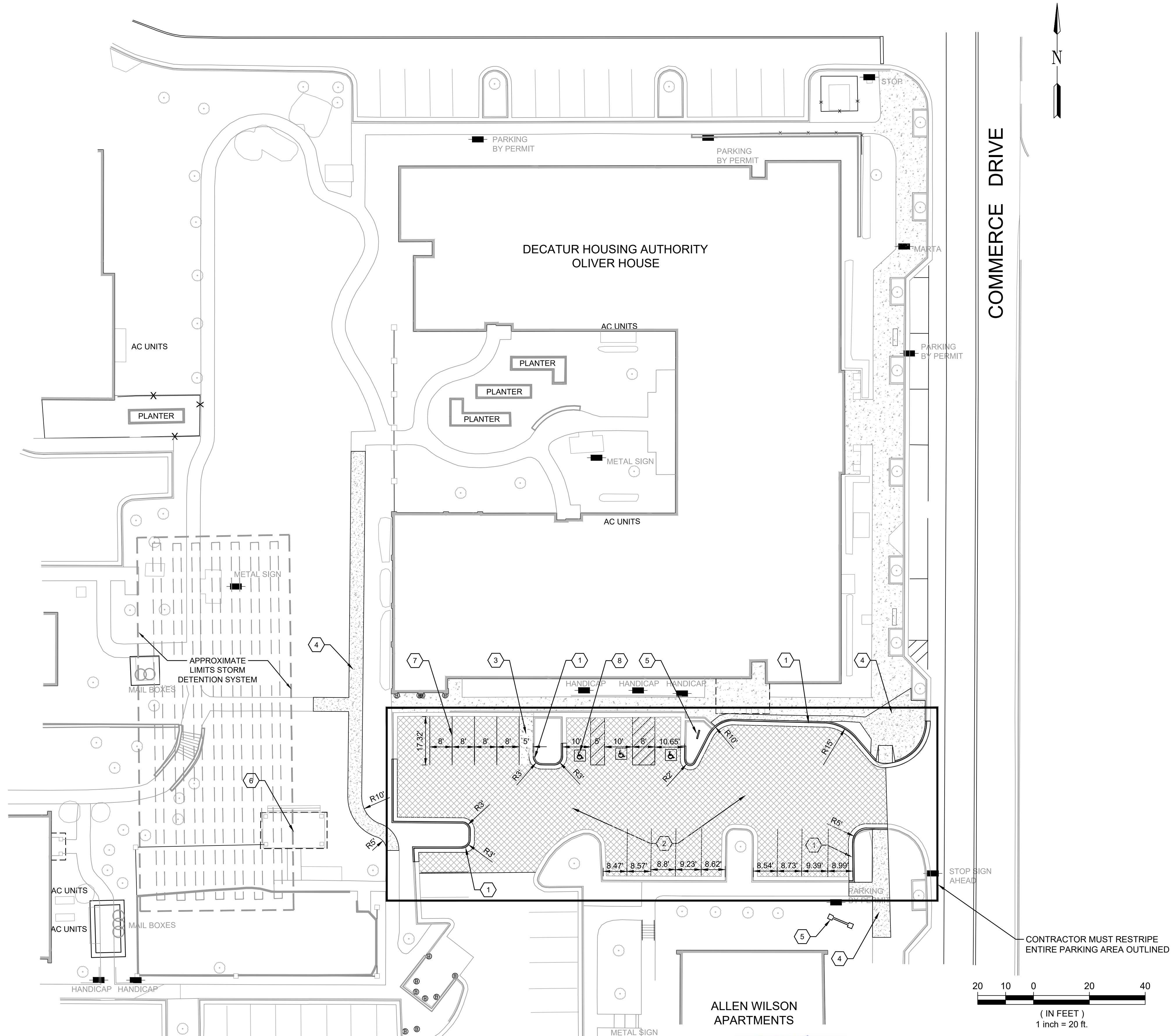
CITY OF DECATUR  
 SUMMARY OF QUANTITIES  
 DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
 CITY OF DECATUR FUNDED

DRAWING NO.  
 06-01



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\$\$\$\$\$DATE\$\$\$\$\$



**SITE PLAN KEY NOTES & LEGEND :**

- ① 24" CURB & GUTTER, TO MATCH EXISTING
- ② ASPHALT PAVING SECTION
- ③ CONCRETE PAVING SECTION
- ④ SIDEWALK
- ⑤ REPLACE AND RESTORE SIGN
- ⑥ PAVILION 'BY OTHERS'
- ⑦ PARKING LOT STRIPING
- ⑧ ADA PARKING SYMBOL

- CONCRETE PAVEMENT SECTION
- FULL DEPTH ASPHALT PAVEMENT SECTION (2" 9MM SURFACE, 2" 19MM BINDER, 8" GAB)
- HARDSCAPE / SIDEWALK PAVEMENT SECTION

- GENERAL NOTES :**
- EXISTING INFORMATION AND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY INFORMATION AND LOCATIONS GIVEN ON DRAWINGS IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD.
  - OBTAIN ALL PERMITS FROM STATE AND LOCAL AUTHORITIES PRIOR TO THE DEMOLITION AND REMOVAL OF ANY STRUCTURES, PAVING OR INFRASTRUCTURE.
  - ALL CONSTRUCTION SHALL CONFORM TO CITY OF DECATUR AND/OR GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
  - THE CONTRACTOR SHALL PROVIDE NECESSARY BARRICADES, SUFFICIENT LIGHTS AND TRAFFIC CONTROL PLAN MEASURES FOR PROTECTION AND SAFETY OF THE PUBLIC. TRAFFIC CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
  - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PEDESTRIAN ACCESS THROUGHOUT THE STORM DRAINAGE CONSTRUCTION. HANDICAP ACCESS MUST BE MAINTAINED AT ALL DRIVEWAY INTERSECTIONS AT COMMERCE DRIVE. CONTRACTOR MUST COORDINATE WITH CITY OF DECATUR ON ACCESSIBLE ROUTES AT LEAST TWO WEEKS PRIOR TO THE START OF CONSTRUCTION.
  - TO CONSTRUCT THE STORM DRAINAGE SYSTEM, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE EXISTING PAVILION. PRIOR TO BID, THE CONTRACTOR SHALL REVIEW THE PAVILION AND THE AVAILABLE ARCHITECTURAL PLANS TO PROVIDE THE CITY WITH THEIR PROPOSAL TO SAFELY DECONSTRUCT THE EXISTING STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHUTTING OF ALL POWER TO THE PAVILION PRIOR TO WORK. THE PAVILION COLUMNS AND THE ROOF SHALL BE SAVED AND SAFELY STORED ON SITE WITHIN A FENCED IN AREA. ALL OTHER EXISTING MATERIAL ASSOCIATED WITH THE PAVILION, INCLUDING BUT NOT LIMITED TO THE CONCRETE SLAB, CONCRETE STAIRS AND STAIR RAILINGS, SHALL BE REMOVED FROM THE SITE.
  - FOR ADDITIONAL SITE SIGNING AND MARKING INFORMATION, REFER TO DRAWING 26-01.

PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA	
END LIMIT OF ACCESS		ELA	
EXIST. LIMIT OF ACCESS			
REQ'D R/W & LIMIT OF ACCESS			
ORANGE BARRIER FENCE			

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**PROFESSIONAL ENGINEER**  
No. 21871  
8-9-19  
GEORGE N. KARAKOVS

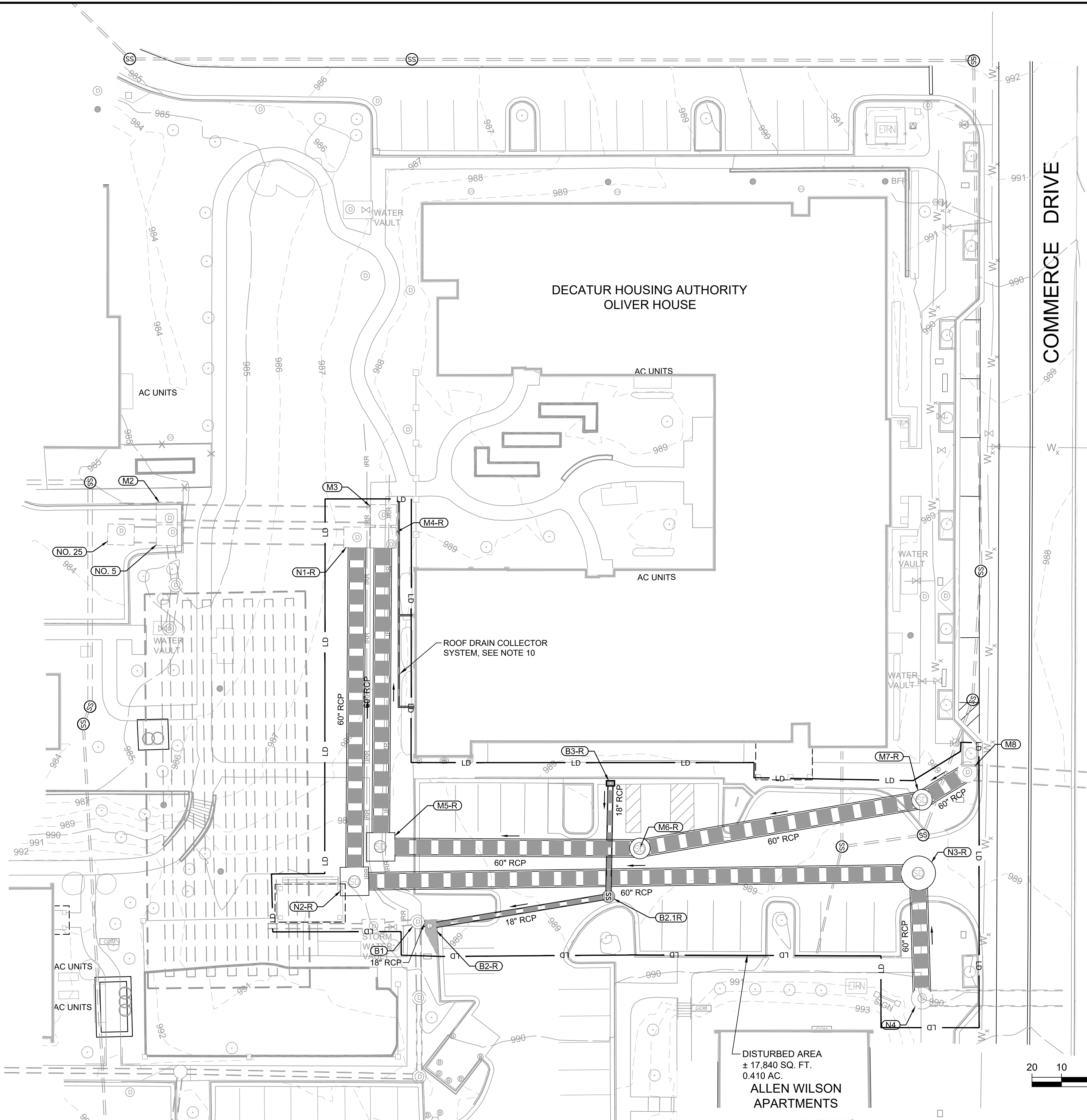
DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**  
CONSTRUCTION LAYOUT  
SITE PLAN  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

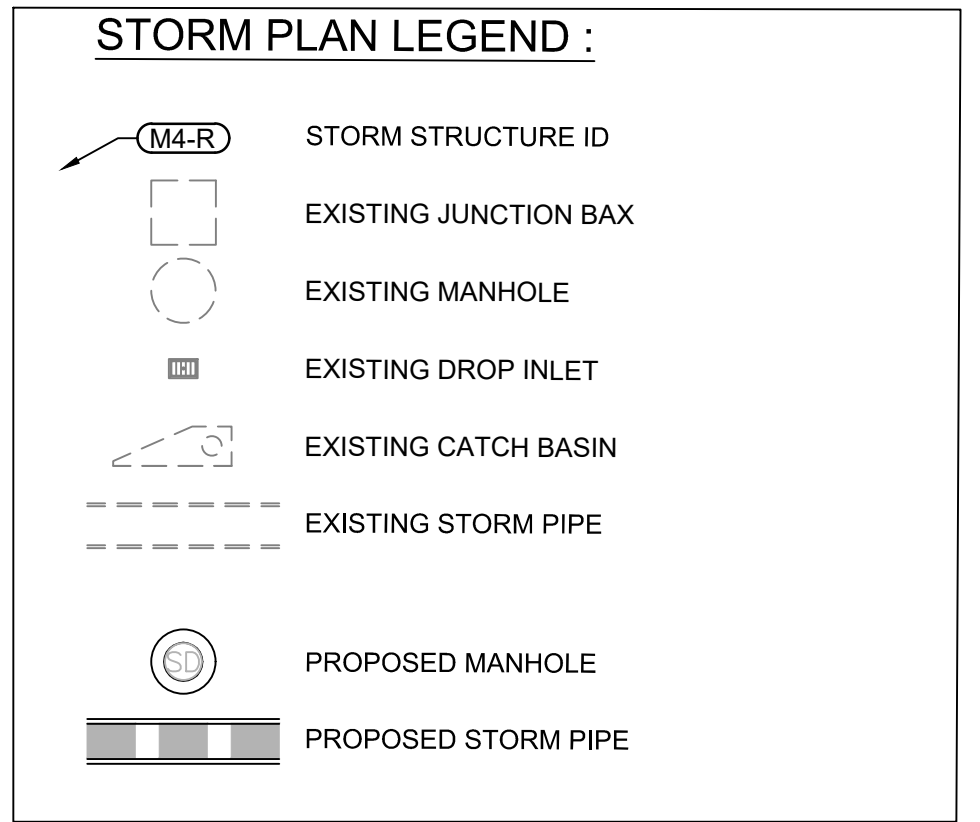
DRAWING NO.  
**11-01**

**811** IF YOU DIG GEORGIA... CALL US FIRST!  
Know what's below. Call before you dig.  
UTILITIES PROTECTION CENTER

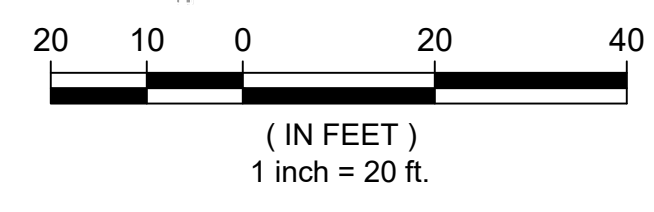




M-R Line Structure Table	
Structure Name	Structure Details
M2	N: 1372224.747 E: 2256120.624
M3	N: 1372223.895 E: 2256193.164
M4-R	N: 1372216.163 E: 2256193.105
M5-R	N: 1372111.197 E: 2256192.316
M6-R	N: 1372110.659 E: 2256280.275
M7-R	N: 1372127.181 E: 2256375.981
M8	N: 1372136.547 E: 2256391.358
N-R Line Structure Table	
Structure Name	Structure Details
NO. 25	N: 1372217.223 E: 2256104.205
NO. 5	N: 1372217.026 E: 2256120.696
N1-R	N: 1372216.268 E: 2256184.306
N2-R	N: 1372099.480 E: 2256183.428
N3-R	N: 1372102.242 E: 2256374.747
N4	N: 1372059.816 E: 2256376.041
B-R Line Structure Table	
Structure Name	Structure Details
B1	N: 1372085.755 E: 2256204.820
B2-R	N: 1372084.445 E: 2256209.363
B2.1R	N: 1372094.392 E: 2256269.625
B3-R	N: 1372132.774 E: 2256270.307



- GENERAL NOTES :**
- EXISTING INFORMATION AND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY INFORMATION AND LOCATIONS GIVEN ON DRAWINGS PRIOR TO CONSTRUCTION IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD.
  - OBTAIN ALL PERMITS FROM STATE AND LOCAL AUTHORITIES PRIOR TO THE DEMOLITION AND REMOVAL OF ANY STRUCTURES, PAVING OR INFRASTRUCTURE.
  - SITE DEMOLITION MUST BE PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION STAGING PLANS (PROVIDED BY THE CONTRACTOR AND APPROVED BY THE CITY OF DECATUR).
  - CONTRACTOR MUST MAINTAIN ALL UTILITY SERVICE TO ALL ADJACENT STRUCTURES AND BUILDINGS AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER TO INSURE NO DISRUPTIONS OCCUR.
  - ALL DEBRIS, STRUCTURES, INFRASTRUCTURE, PIPES, TRENCH FILL, POLES, CABLE, PAVING AND ANY OTHER MATERIAL IDENTIFIED AND OR REQUIRED TO CONSTRUCT THE PROJECT FOR REMOVAL SHALL BE LEGALLY DISPOSED OF OFF-SITE AT A PERMITTED FACILITY.
  - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION/DEMOLITION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS, REFER TO PROJECT NOTE #14, ON SHEET 04-01.
  - THE CONTRACTOR SHALL PROVIDE NECESSARY BARRICADES, SUFFICIENT LIGHTS AND TRAFFIC CONTROL PLAN MEASURES FOR PROTECTION AND SAFETY OF THE PUBLIC. TRAFFIC CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
  - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PEDESTRIAN ACCESS THROUGHOUT THE STORM DRAINAGE CONSTRUCTION. HANDICAP ACCESS MUST BE MAINTAINED AT ALL DRIVEWAY INTERSECTIONS AT COMMERCE DRIVE. CONTRACTOR MUST COORDINATE WITH CITY OF DECATUR ON ACCESSIBLE ROUTES AT LEAST TWO WEEKS PRIOR TO THE START OF CONSTRUCTION.
  - THE CONTRACTOR SHALL PROTECT EXISTING CURB AND GUTTER, SIDEWALK AND TREES WHICH ARE TO REMAIN DURING ALL PHASES OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR REPLACING ANY DAMAGE.
  - THE CONTRACTOR MUST MAINTAIN ROOF DRAIN COLLECTOR SYSTEM TIE IN TO THE CISTERN AT ALL TIMES. CONTRACTOR SHALL REPLACE IN-KIND AS CONSTRUCTION PERMITS. COORDINATION WITH DHA IS REQUIRED.



DISTURBED AREA  
± 17,840 SQ. FT.  
0.410 AC.  
ALLEN WILSON  
APARTMENTS

Aug 9, 2016 - 10:18am  
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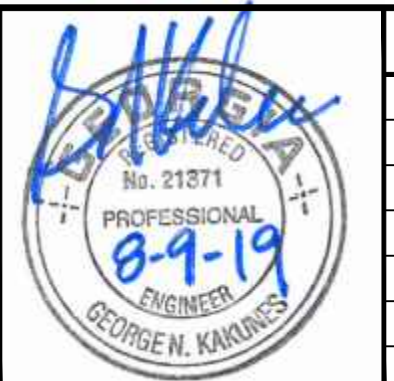
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REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA	
END LIMIT OF ACCESS		ELA	
EXIST. LIMIT OF ACCESS			
REQ'D R/W & LIMIT OF ACCESS			
ORANGE BARRIER FENCE			

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DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**

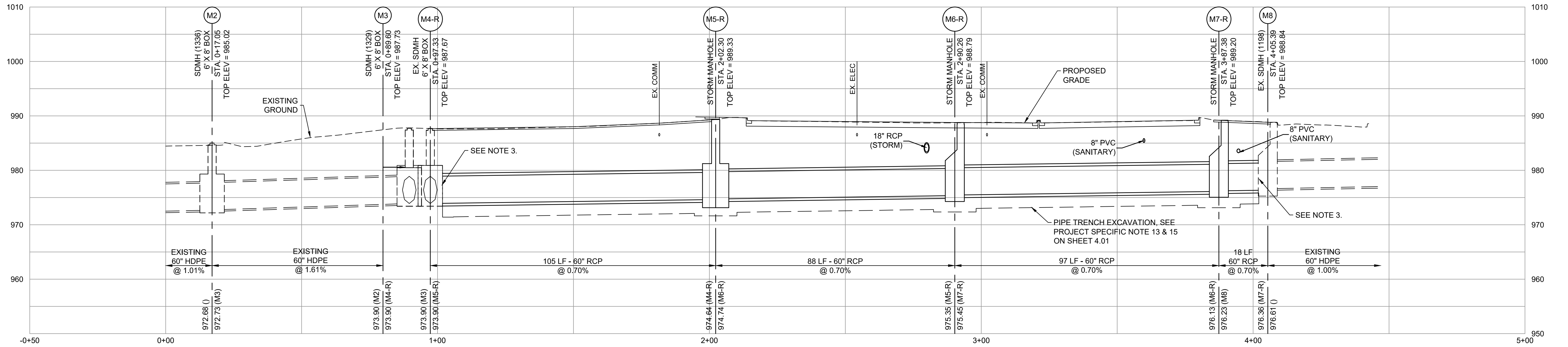
**STORM DRAINAGE PLAN**

DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

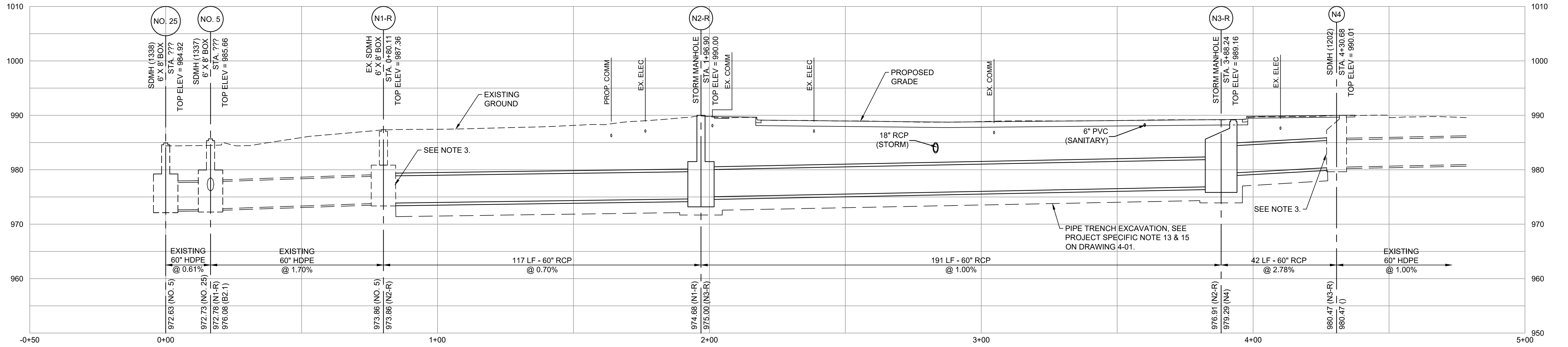
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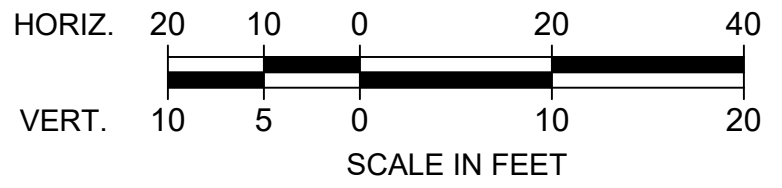


**STORM LINE M-R**



**STORM LINE N-R**

- STORM DRAINAGE NOTES:
1. ALL CONSTRUCTION SHALL CONFORM TO CITY OF DECATUR, DEKALB COUNTY AND/OR GEORGIA D.O.T. STANDARDS AND SPECIFICATIONS.
  2. ALL REINFORCED CONCRETE PIPE SHALL BE CLASS III, UNLESS OTHERWISE NOTED.
  3. CONTRACTOR TO CONFIRM INSIDE DIMENSIONS OF STRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER WHETHER THEY CAN SAW CUT OPENING AND LEAVE STRUCTURE IN PLACE WITH NEW CONSTRUCTION.



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PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA
END LIMIT OF ACCESS		ELA
EXIST. LIMIT OF ACCESS		
REQ'D R/W & LIMIT OF ACCESS		
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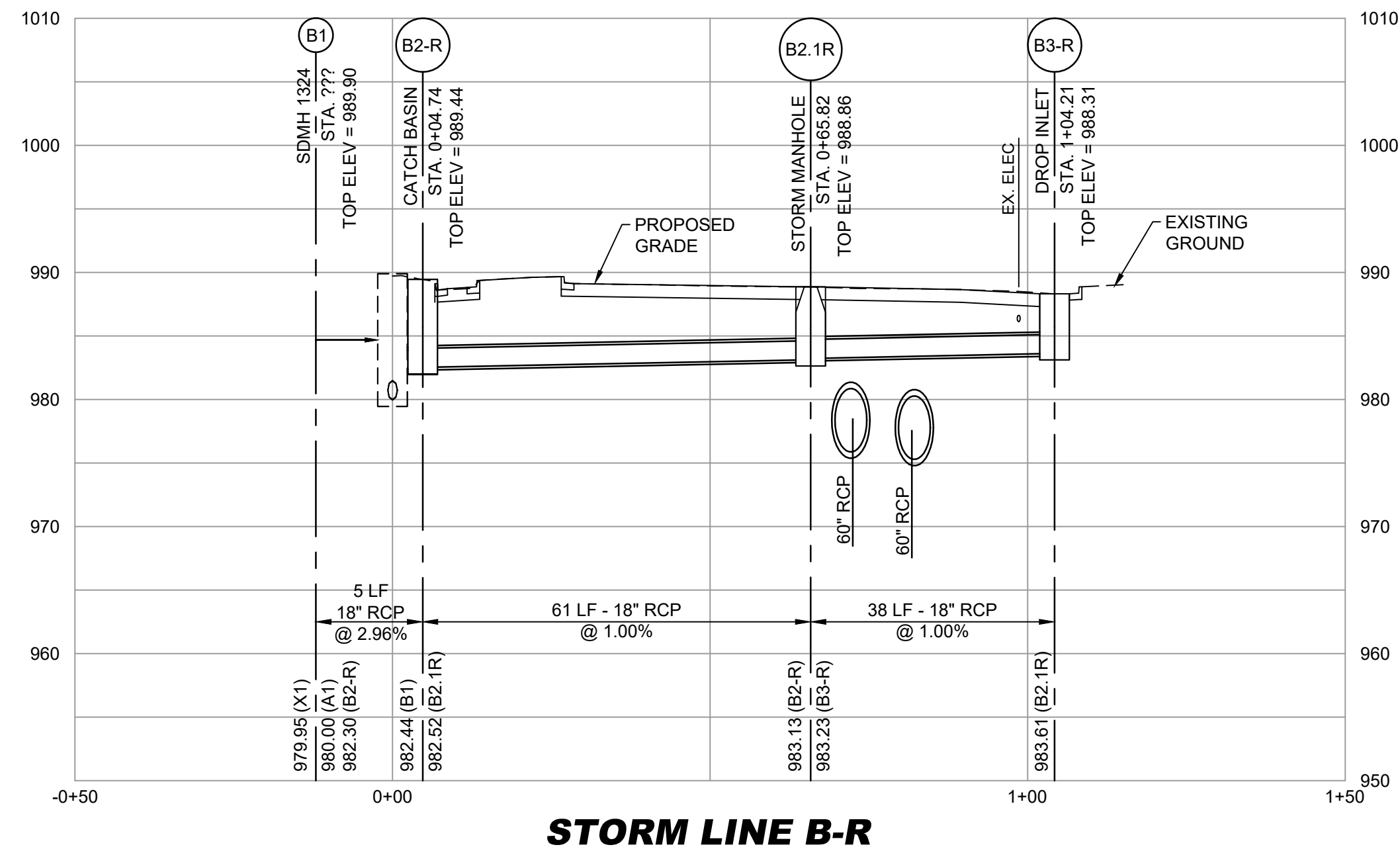


DATE	REVISIONS	DATE	REVISIONS

CITY OF DECATUR  
STORM DRAINAGE  
PROFILES  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
**22-01**

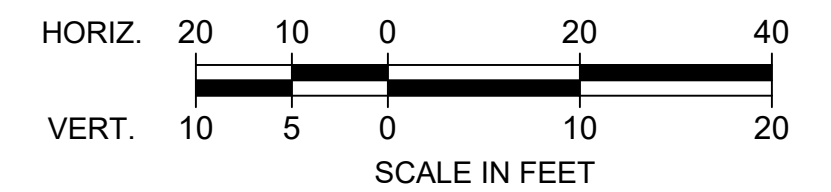




**STORM LINE B-R**

STORM DRAINAGE NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO CITY OF DECATUR, DEKALB COUNTY AND/OR GEORGIA D.O.T. STANDARDS AND SPECIFICATIONS.
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3. CONTRACTOR TO CONFIRM INSIDE DIMENSIONS OF STRUCTURE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER WHETHER THEY CAN SAW CUT OPENING AND LEAVE STRUCTURE IN PLACE WITH NEW CONSTRUCTION.



PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA
END LIMIT OF ACCESS		ELA
EXIST. LIMIT OF ACCESS		
REQ'D R/W & LIMIT OF ACCESS		
ORANGE BARRIER FENCE		

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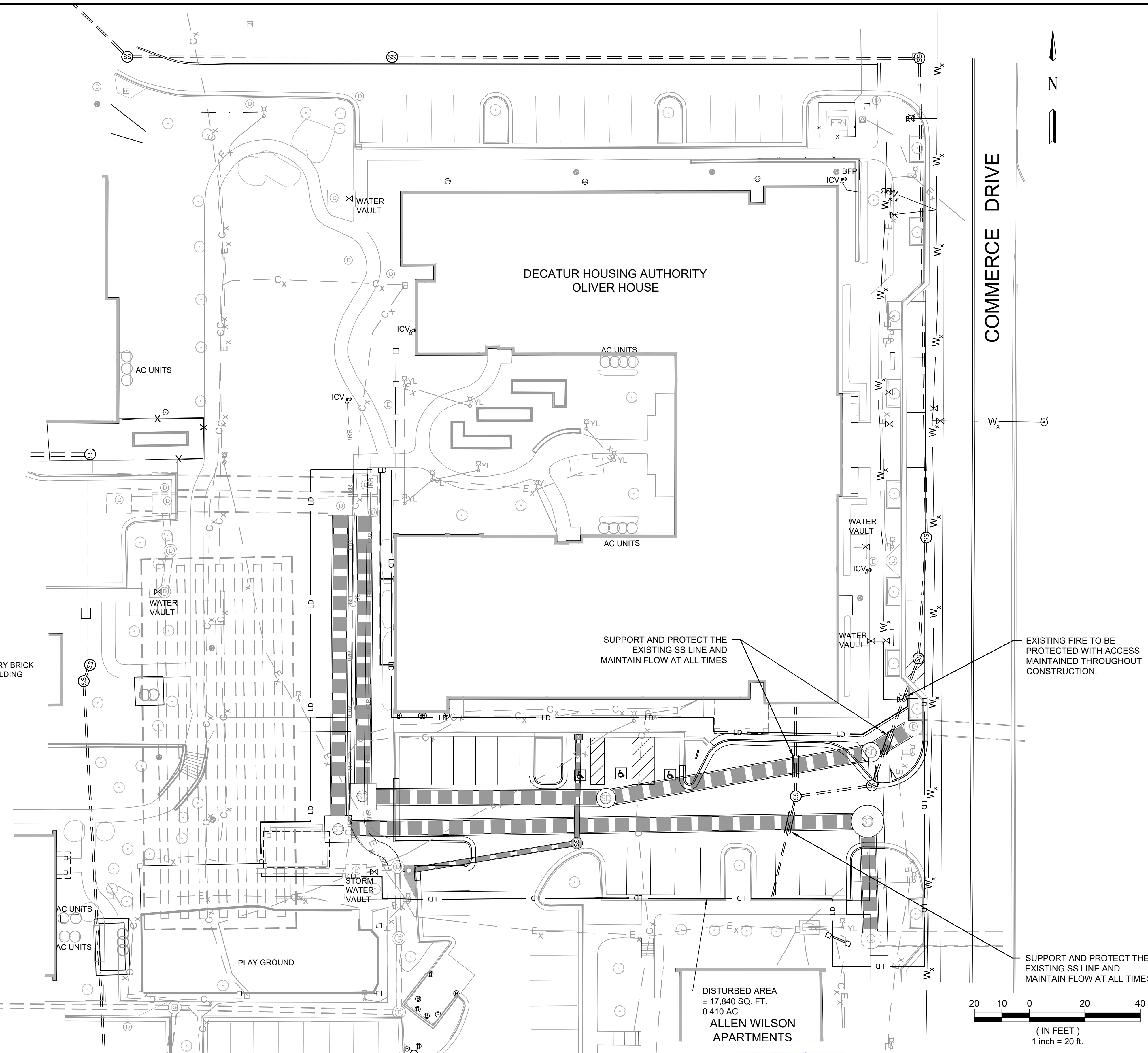
CITY OF DECATUR  
STORM DRAINAGE  
PROFILES  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
**22-02**



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\$\$\$\$\$DATE\$\$\$\$\$



**UTILITY PLAN LEGEND :**

- EXISTING JUNCTION BAX
- EXISTING MANHOLE
- EXISTING DROP INLET
- EXISTING CATCH BASIN
- EXISTING STORM PIPE
- EXISTING SANITARY SEWER
- EXISTING COMMUNICATION SERVICE
- EXISTING ELECTRIC SERVICE
- LD LIMITS OF DISTURBANCE
- COM PROPOSED COMMUNICATION SERVICE
- PROPOSED MANHOLE
- PROPOSED STORM PIPE

- GENERAL UTILITY NOTES :**
- EXISTING INFORMATION AND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY INFORMATION AND LOCATIONS GIVEN ON DRAWINGS IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD.
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PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA
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EXIST. LIMIT OF ACCESS		
REQ'D R/W & LIMIT OF ACCESS		
ORANGE BARRIER FENCE		

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 8-9-19  
 GEORGE W. KARAKOZIS

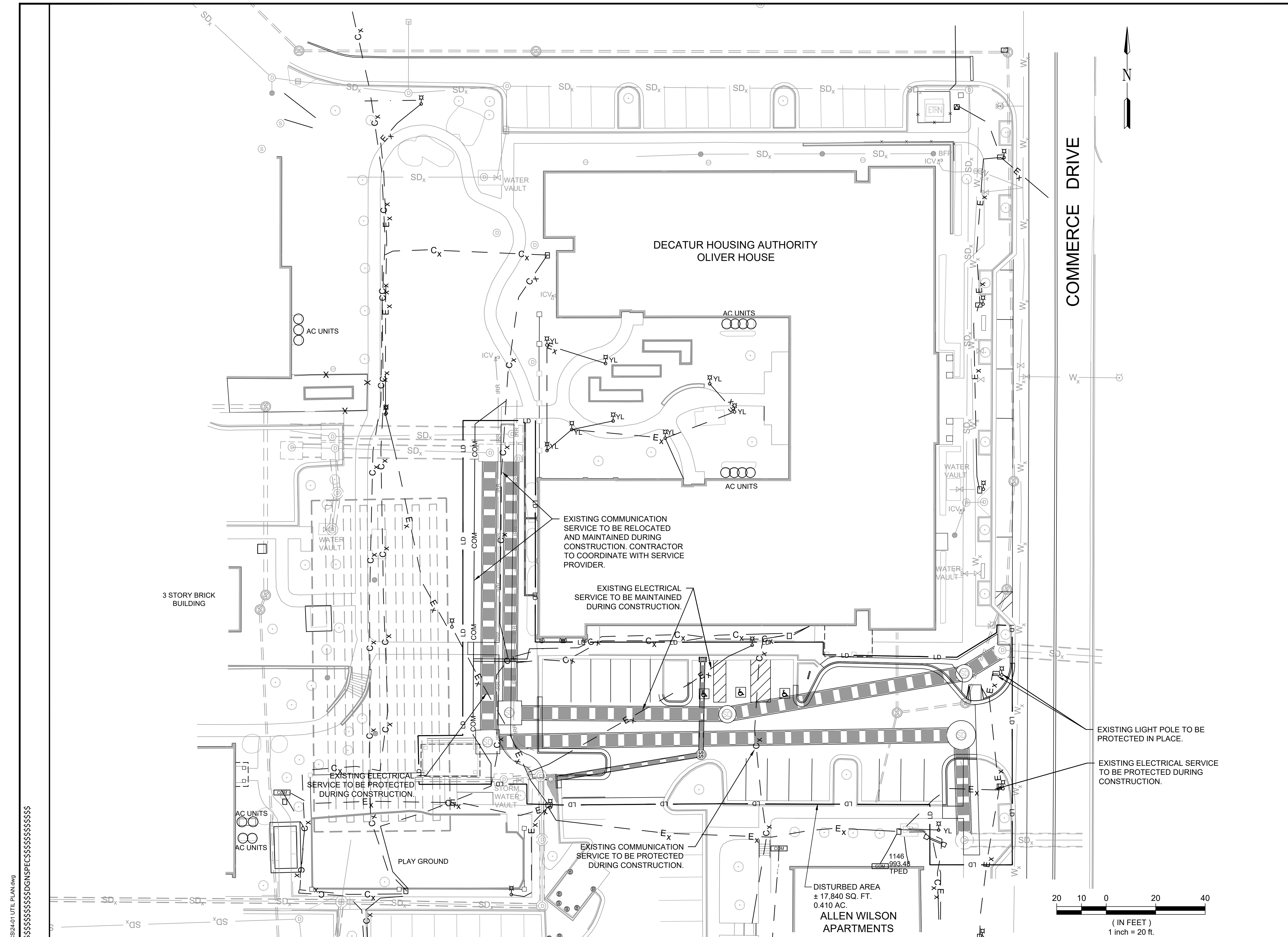
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**CITY OF DECATUR**  
**UTILITY PLAN**  
**WATER AND SEWER**  
 DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
**CITY OF DECATUR FUNDED**

DRAWING NO.  
**24-01**

**811**  
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 CALL US FIRST!  
 Know what's below.  
 Call before you dig.  
 UTILITIES PROTECTION CENTER

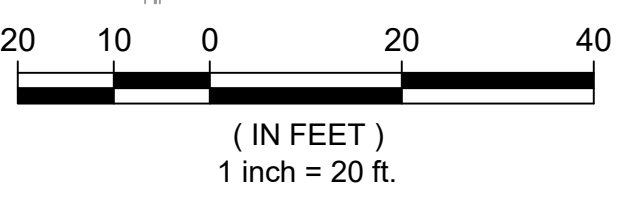




**UTILITY PLAN LEGEND :**

- EXISTING JUNCTION BOX
- EXISTING MANHOLE
- EXISTING DROP INLET
- EXISTING CATCH BASIN
- EXISTING STORM PIPE
- EXISTING SANITARY SEWER
- EXISTING COMMUNICATION SERVICE
- EXISTING ELECTRIC SERVICE
- LIMITS OF DISTURBANCE
- PROPOSED COMMUNICATION SERVICE
- PROPOSED MANHOLE
- PROPOSED STORM PIPE

- GENERAL UTILITY NOTES :**
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PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	
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REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	

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 8-9-19  
 GEORGE W. KARAKOZIS

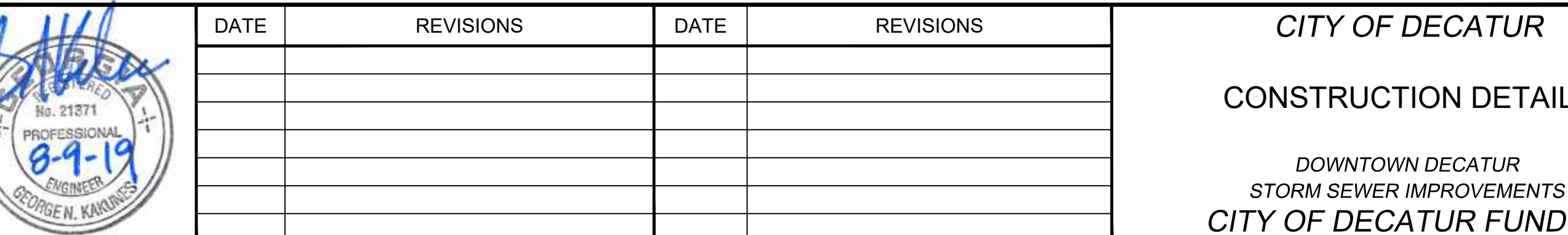
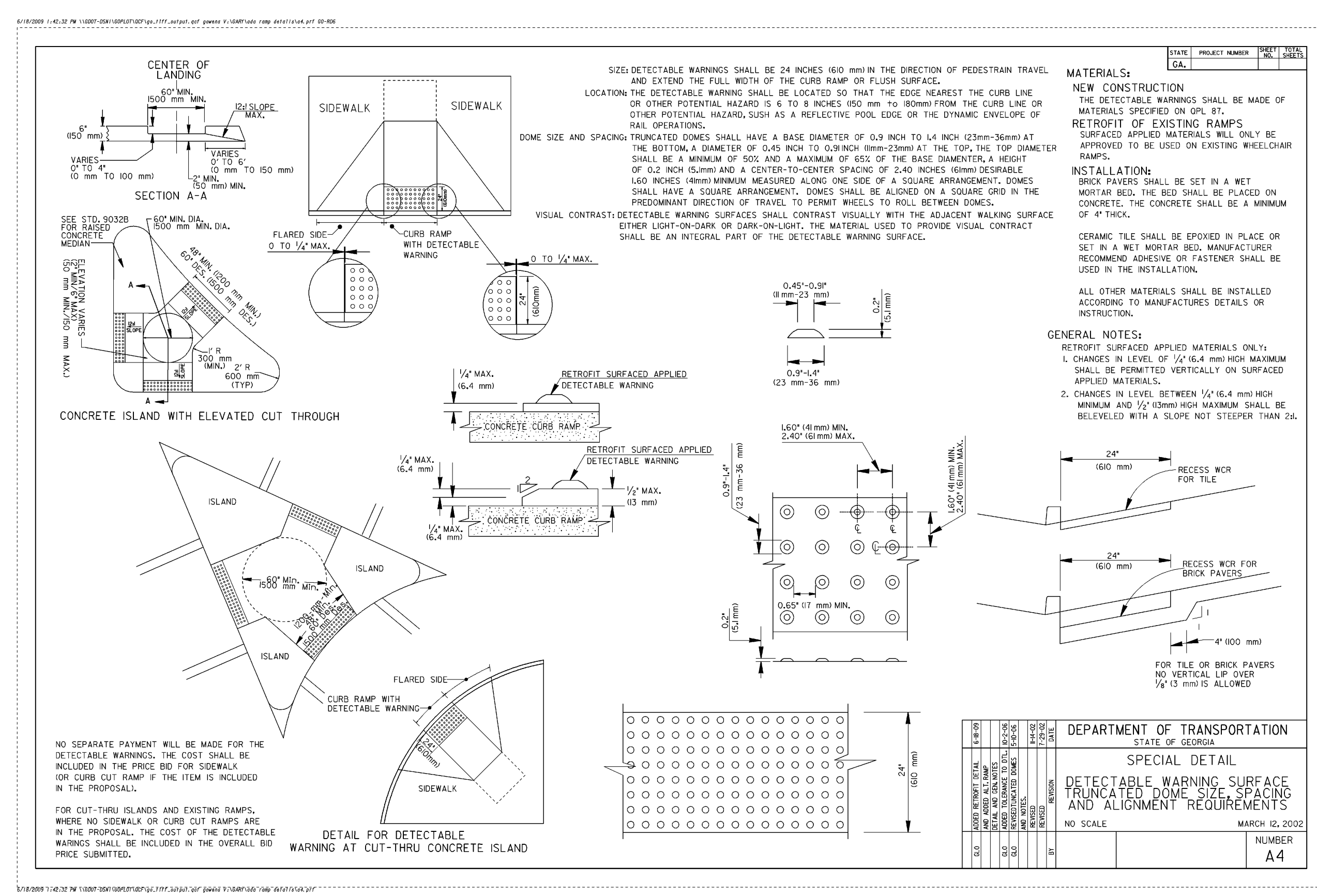
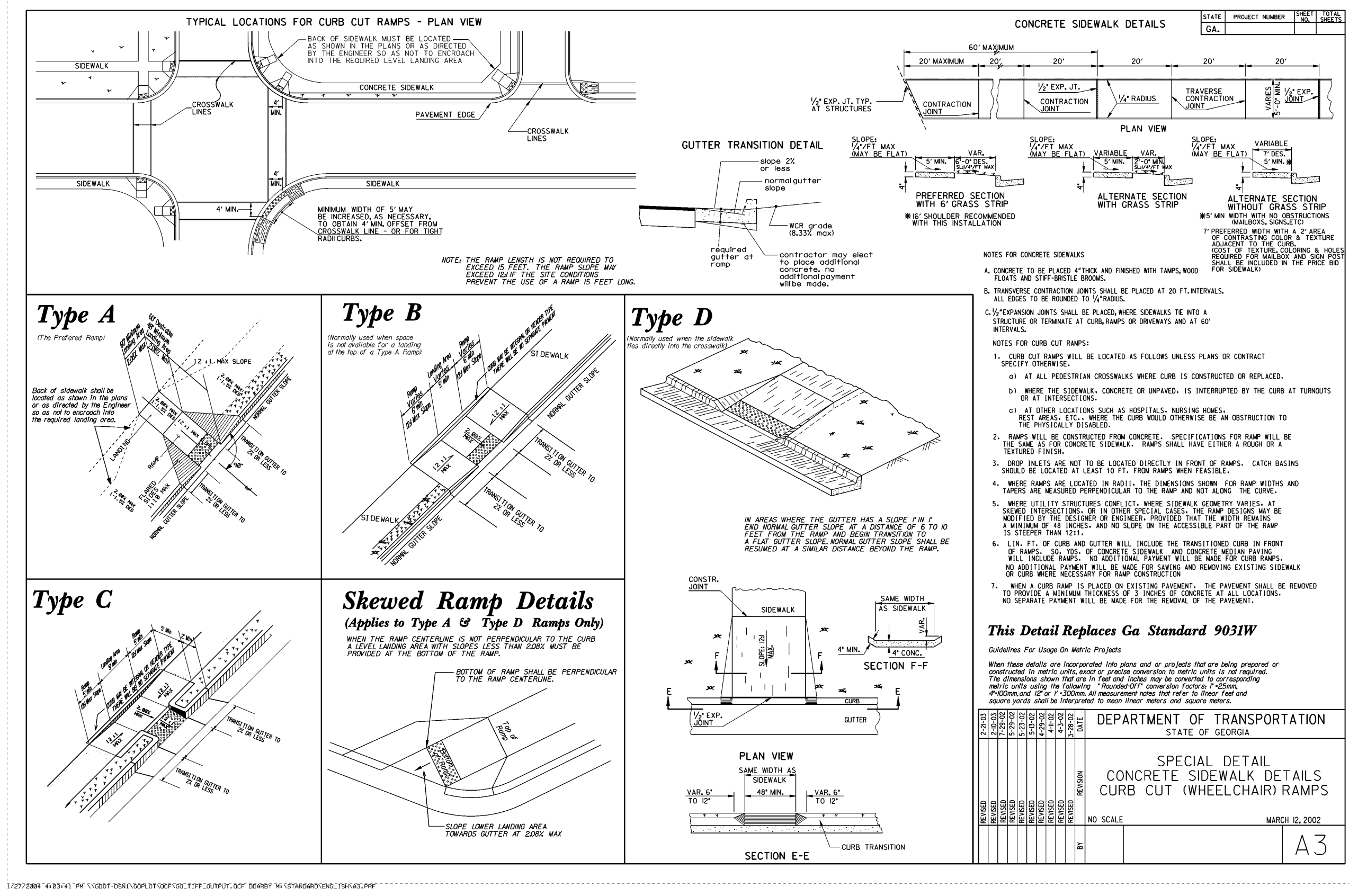
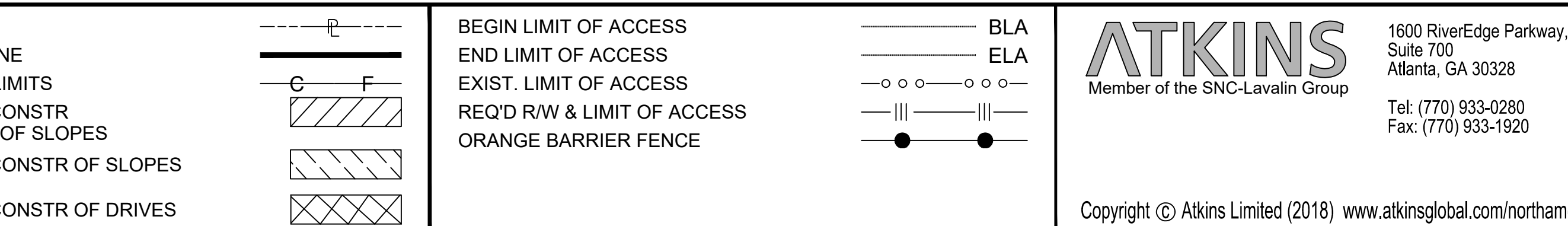
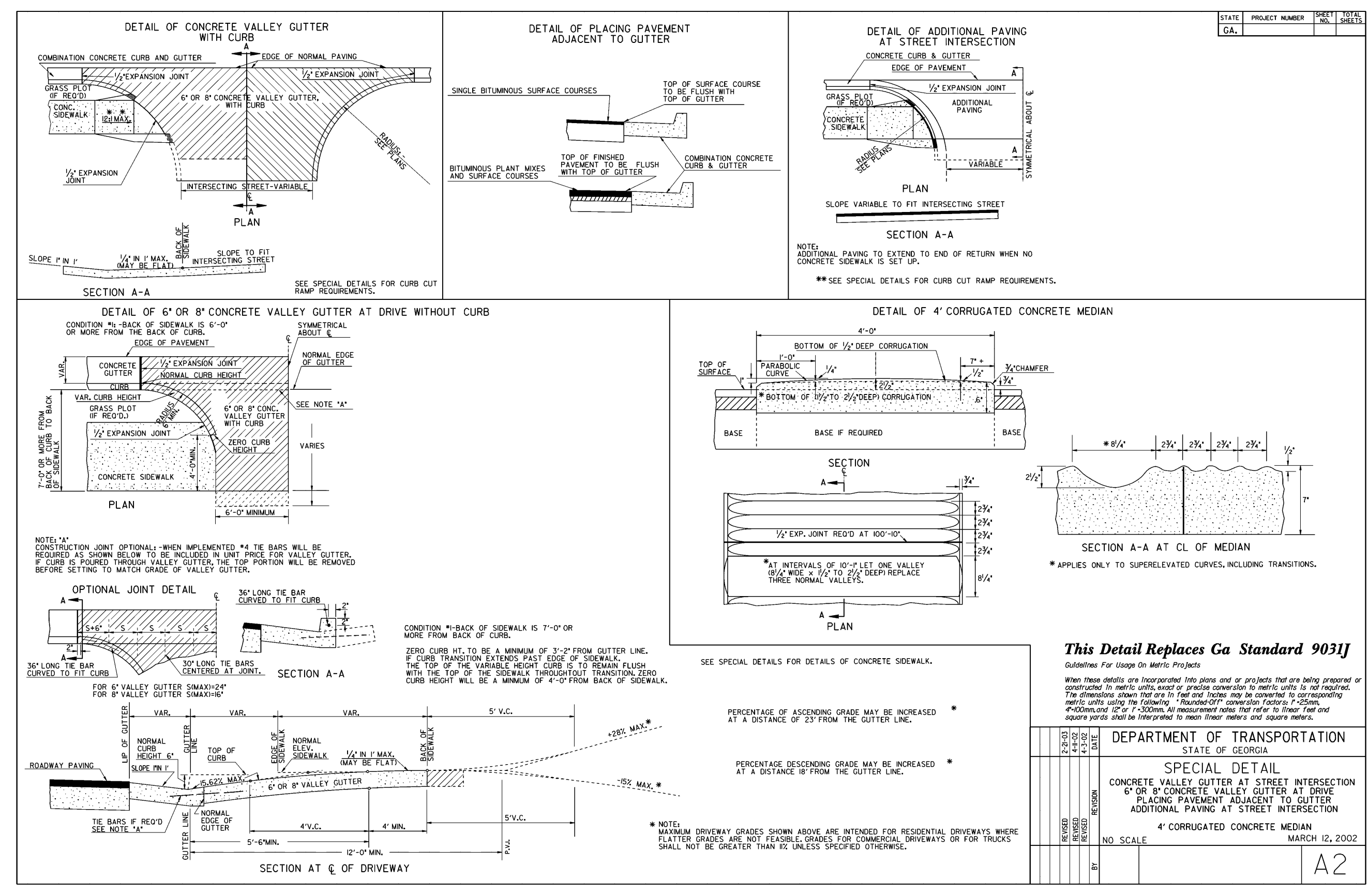
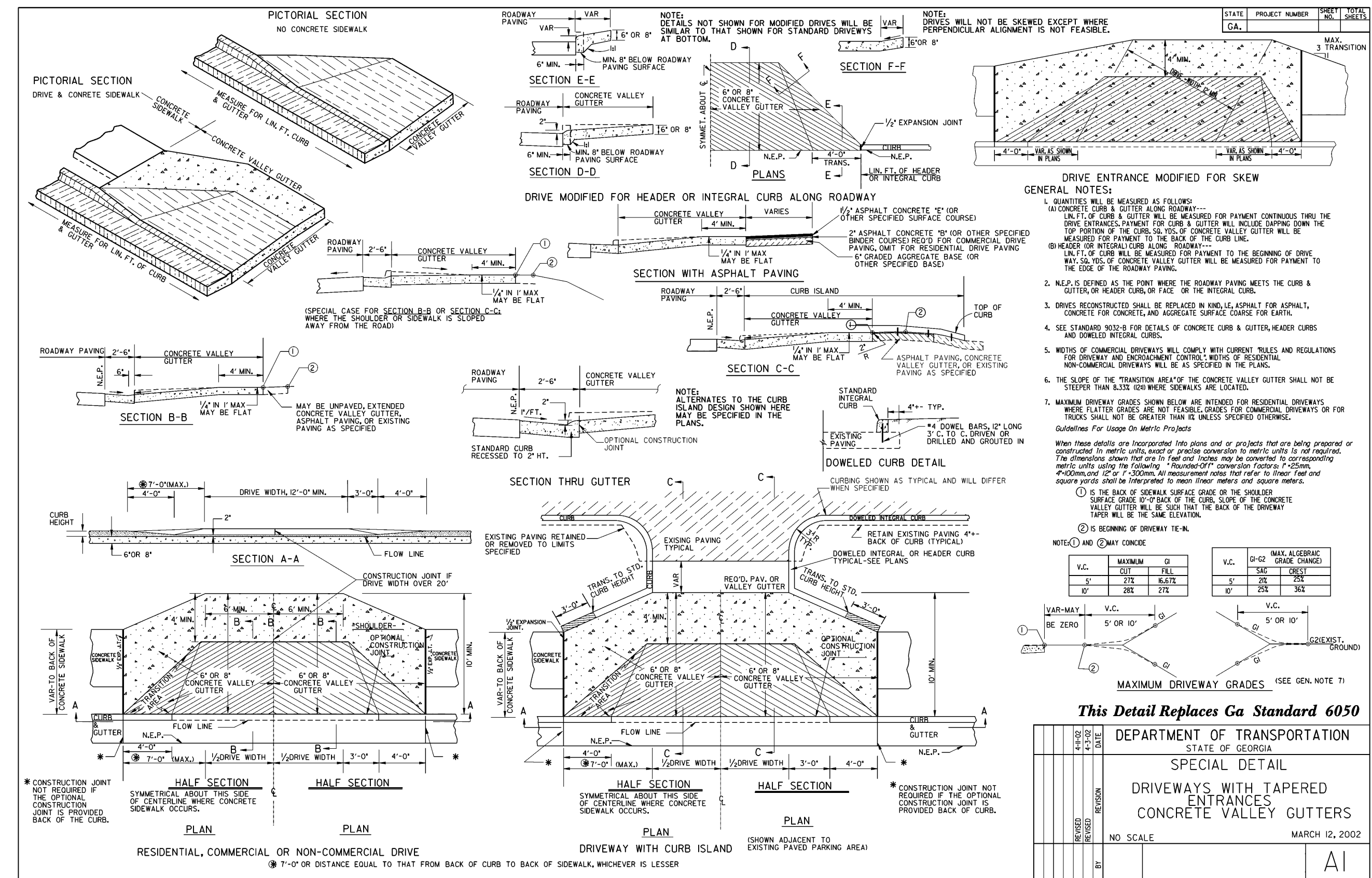
DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**  
 UTILITY PLAN  
 GAS, ELECTRICAL & COMMUNICATIONS  
 DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
 CITY OF DECATUR FUNDED

DRAWING NO.  
**24-02**

**811**  
 IF YOU DIG GEORGIA...  
 CALL US FIRST!  
 Know what's below.  
 Call before you dig.  
 UTILITIES PROTECTION CENTER

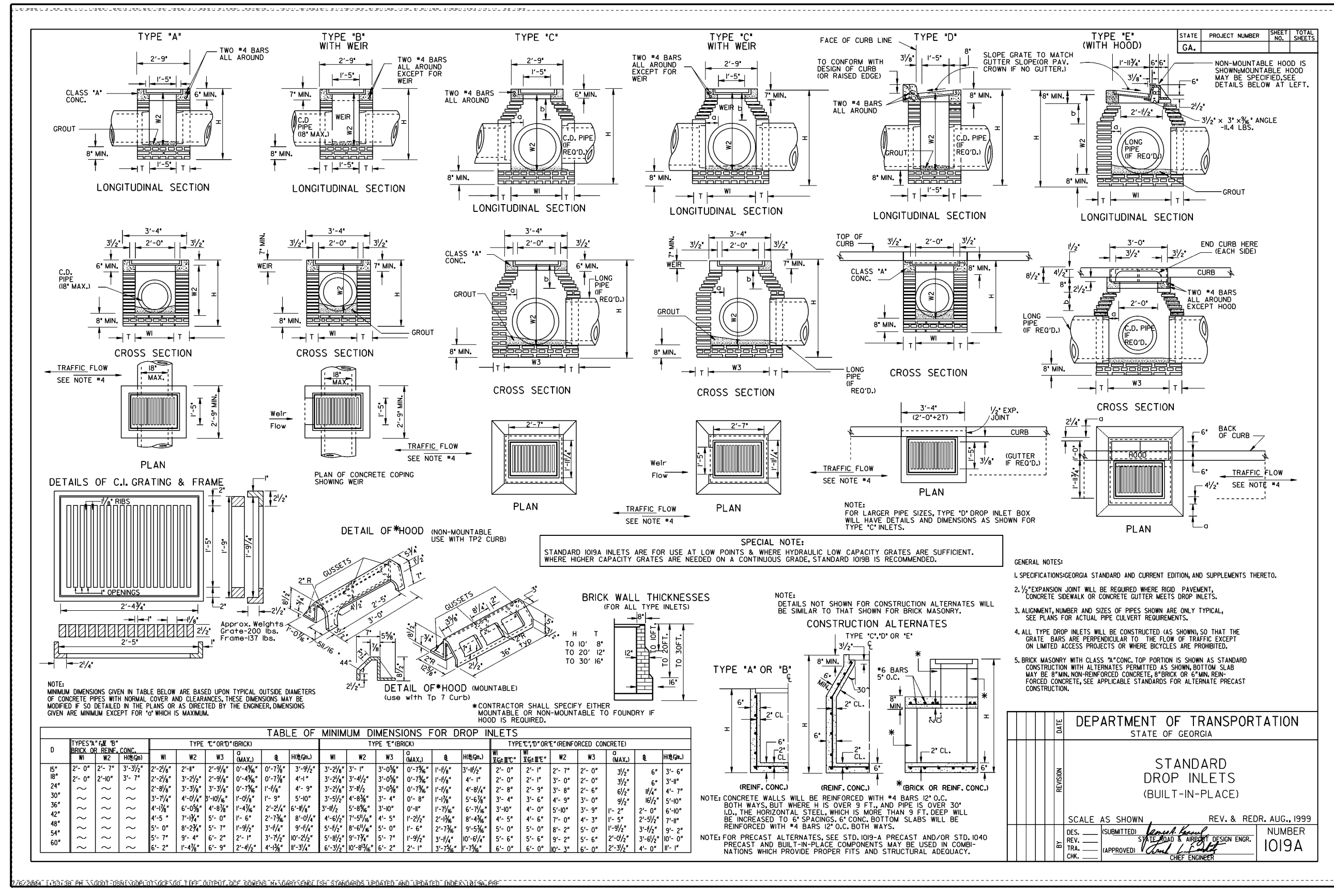








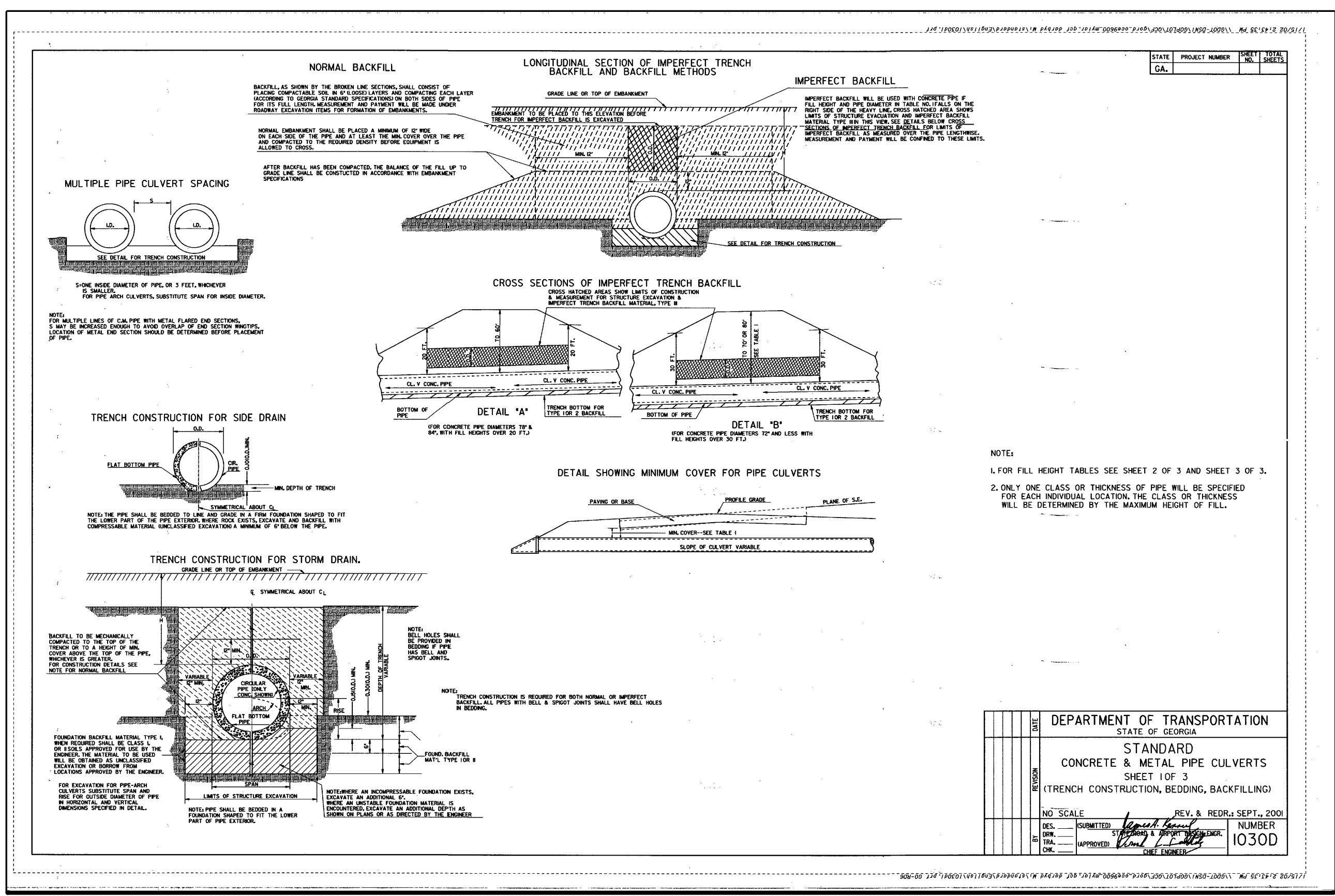




**TABLE NO. 1 ROUND PIPE - CONCRETE OR MINIMUM THICKNESS OF STEEL AND ALUMINUM**

PIPE DIAMETER (INCHES)	MINIMUM COVER (INCHES)		HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE
	CONCRETE	STEEL/ALUMINUM	
12	12	12	12
15	15	15	15
18	18	18	18
24	24	24	24
30	30	30	30
36	36	36	36
42	42	42	42
48	48	48	48
54	54	54	54
60	60	60	60
66	66	66	66
72	72	72	72
78	78	78	78
84	84	84	84
90	90	90	90
96	96	96	96
102	102	102	102
108	108	108	108
114	114	114	114
120	120	120	120

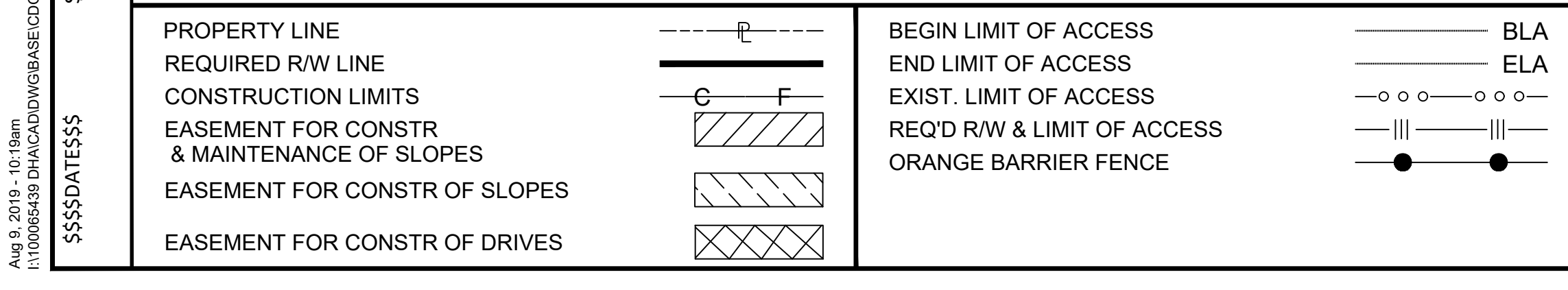
**DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA**  
**STANDARD DROP INLETS (BUILT-IN-PLACE)**  
 REV. & REDL. AUG. 1999  
 NUMBER 1019A



**TABLE NO. 1R ROUND PIPE - SPIRAL RIB STEEL - SPIRAL RIB ALUMINUM**

PIPE DIAMETER (INCHES)	MINIMUM COVER (INCHES)		HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE
	CONCRETE	STEEL/ALUMINUM	
12	12	12	12
15	15	15	15
18	18	18	18
24	24	24	24
30	30	30	30
36	36	36	36
42	42	42	42
48	48	48	48
54	54	54	54
60	60	60	60
66	66	66	66
72	72	72	72
78	78	78	78
84	84	84	84
90	90	90	90
96	96	96	96
102	102	102	102
108	108	108	108
114	114	114	114
120	120	120	120

**DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA**  
**STANDARD CONCRETE & METAL PIPE CULVERTS SHEET 3 OF 3**  
 (FILL HEIGHTS FOR CONCRETE & CORRUGATED METAL PIPE)  
 REV. & REDL. SEPT. 2001  
 NUMBER 1030D



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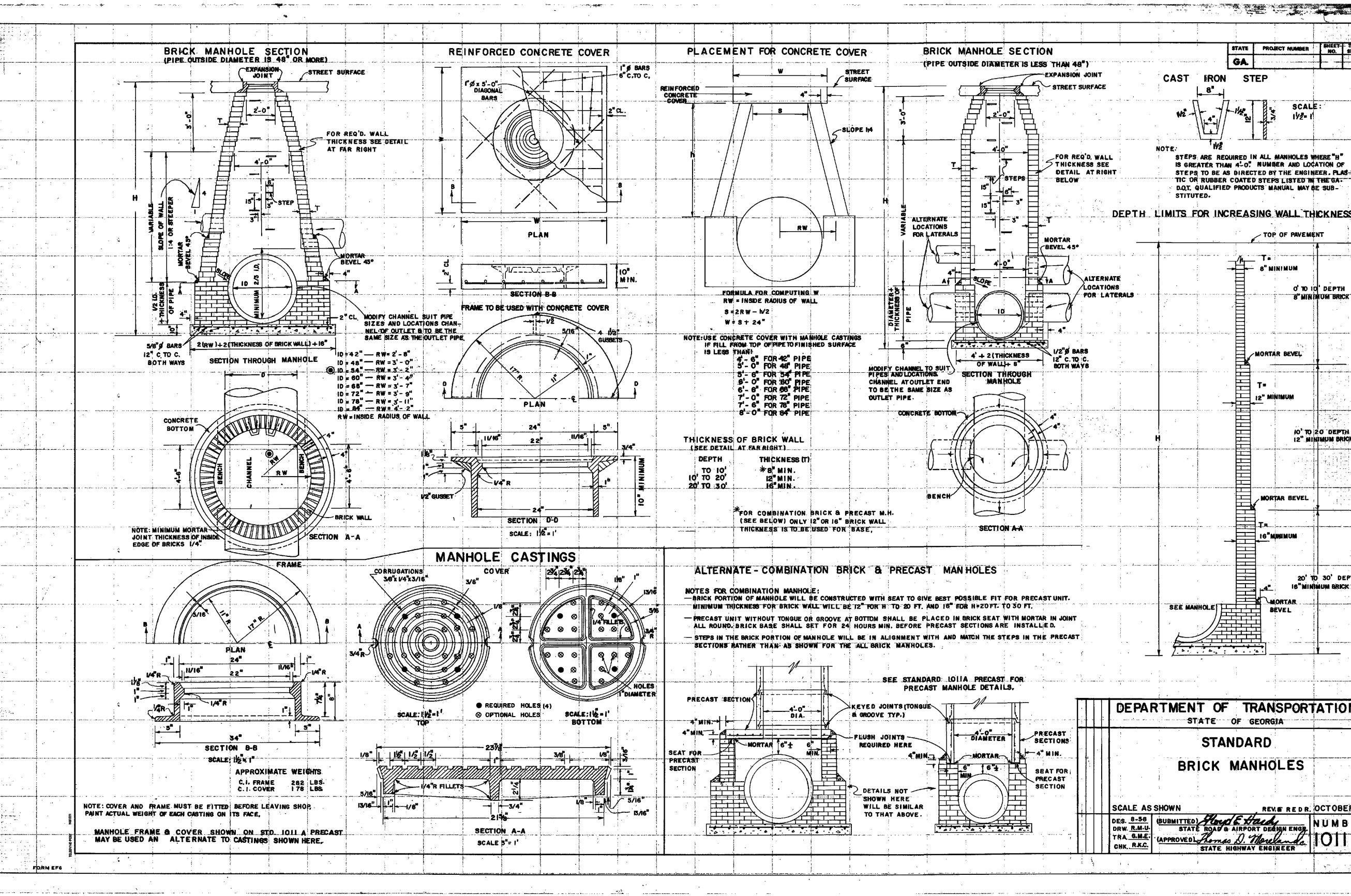
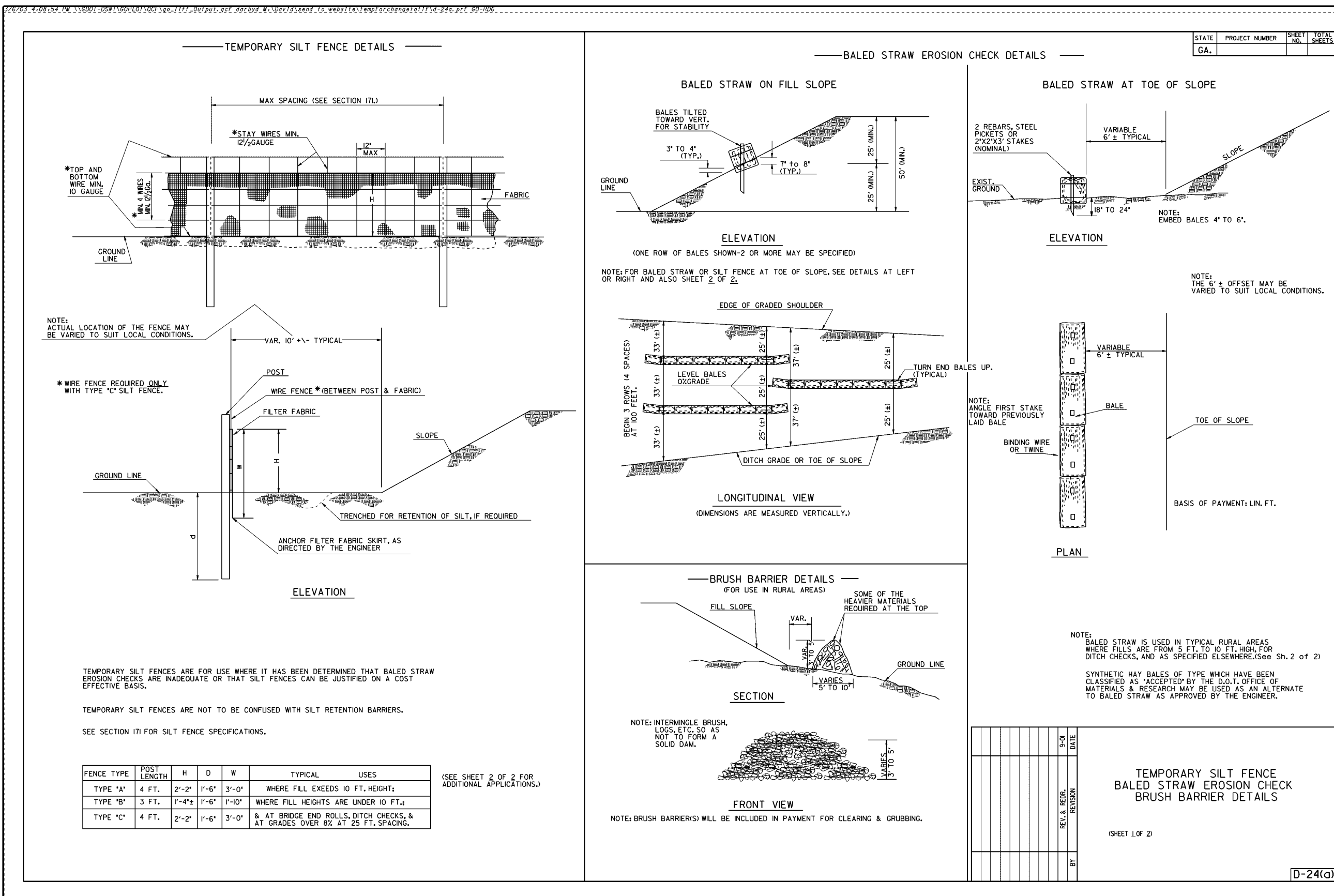
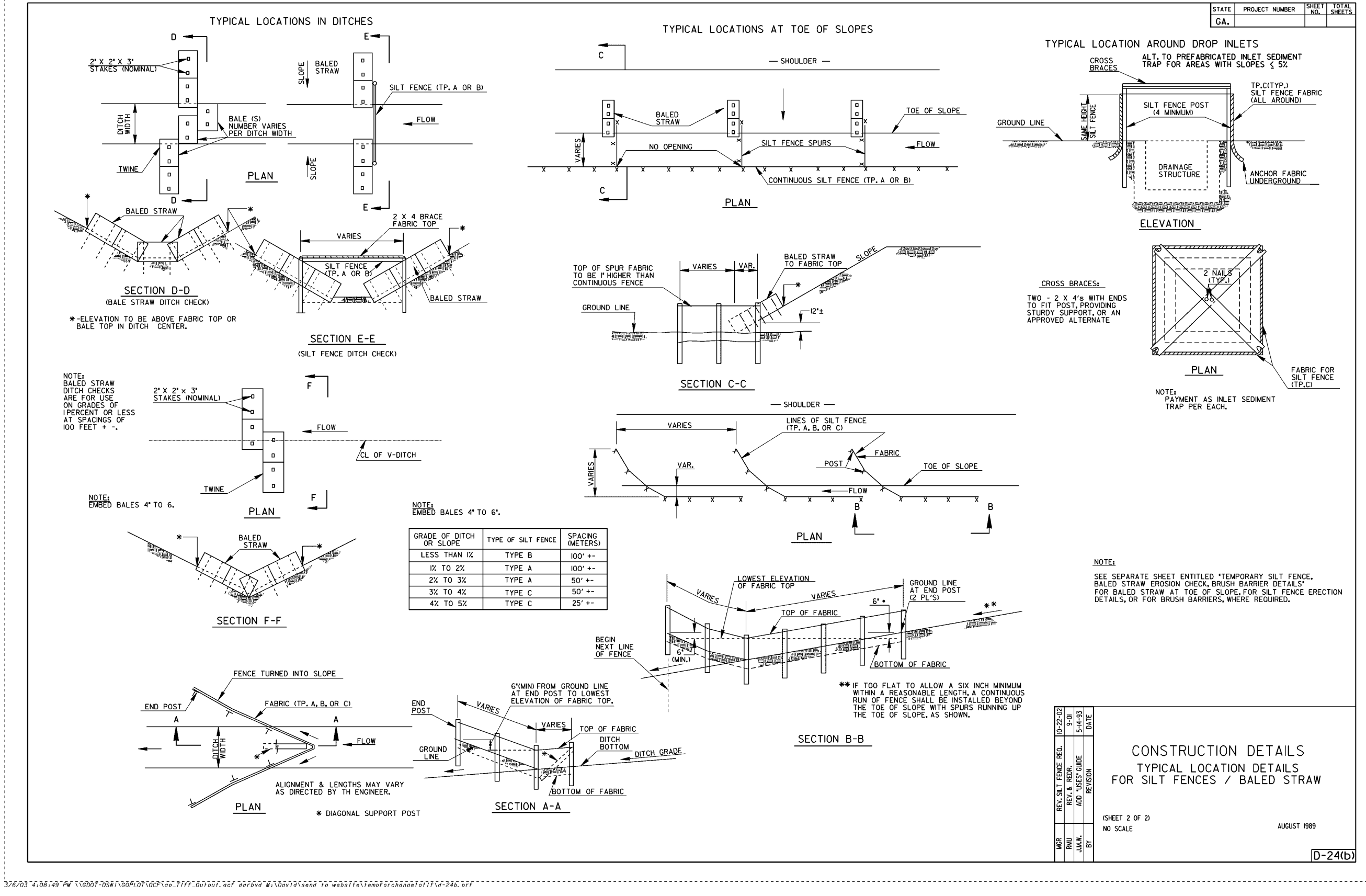
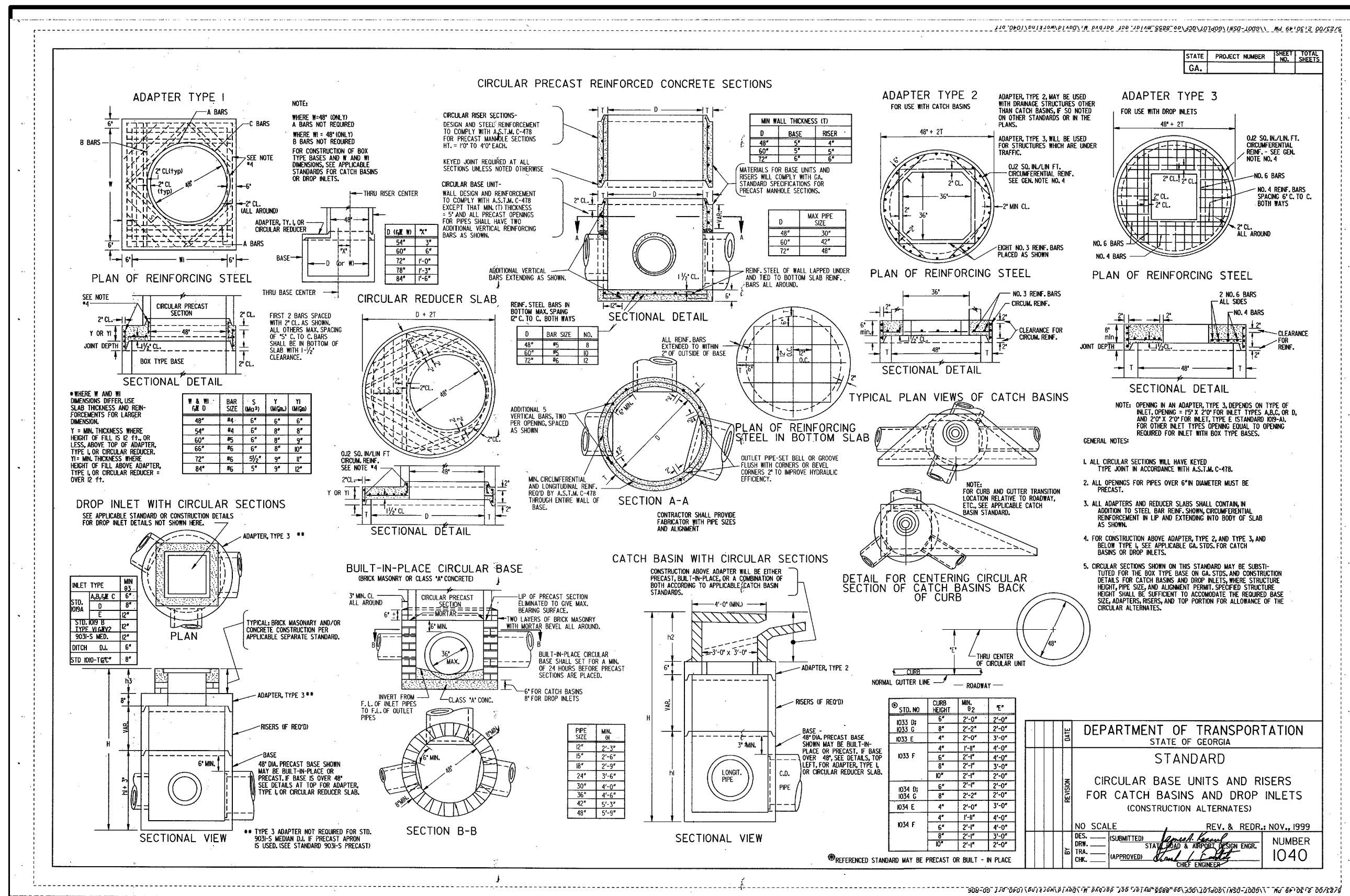
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DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**  
**CONSTRUCTION DETAILS**  
 DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
 CITY OF DECATUR FUNDED

DRAWING NO. 25-03





PROPERTY LINE	SYMBOL
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

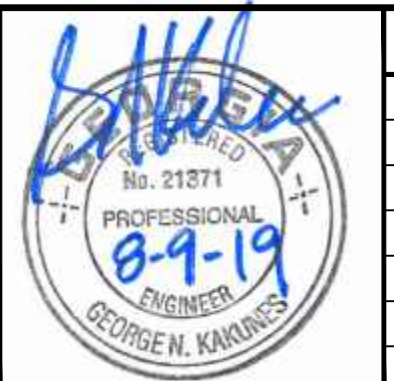
BLA	SYMBOL
BEGIN LIMIT OF ACCESS	---
END LIMIT OF ACCESS	---
EXIST. LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---

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DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**

**CONSTRUCTION DETAILS**

DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
 CITY OF DECATUR FUNDED

DRAWING NO. 25-04

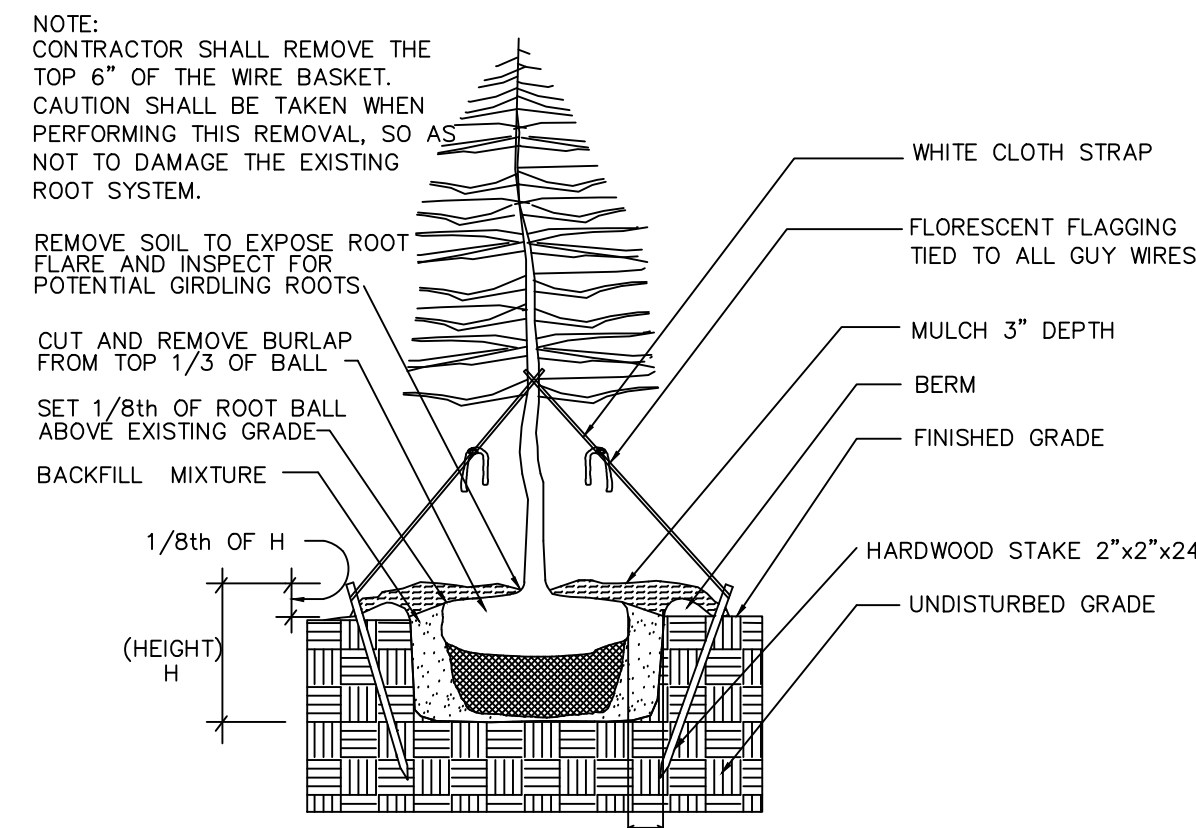




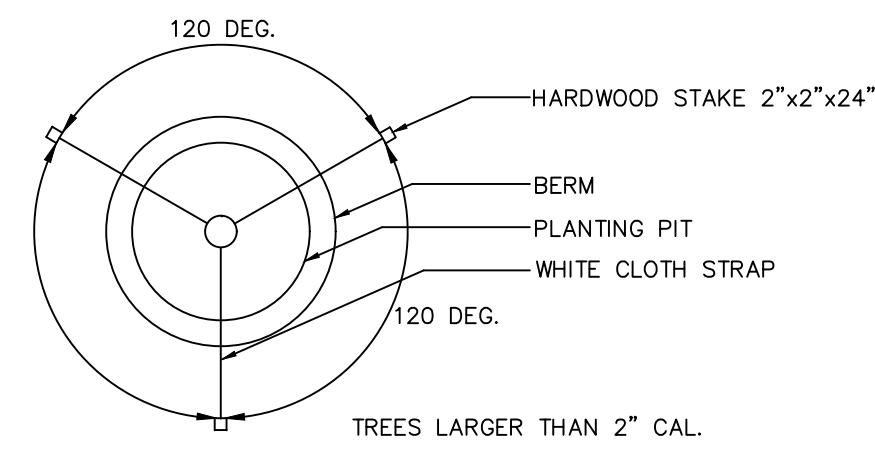




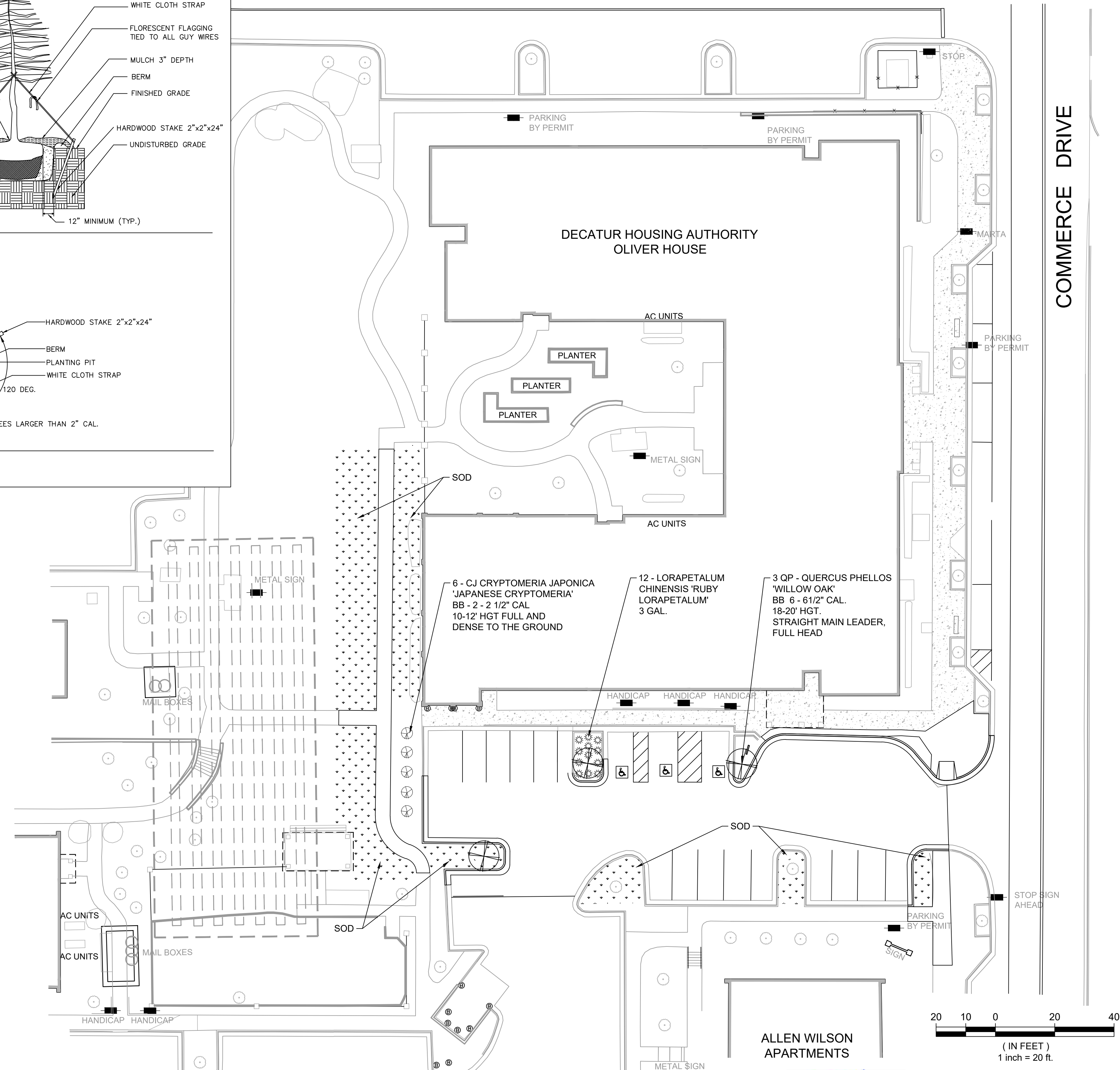




1 TREE WELL DETAIL (Typical)  
29-01 NOT TO SCALE



2 TREE STAKING DETAIL (TYPICAL)  
29-01 NOT TO SCALE



LANDSCAPE PLANTING NOTES:

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS & DISEASES.
- ALL PLANTS MUST BE CONTAINER-GROWN OR BALLED & BURLAPPED (B&B) AS INDICATED IN THE PLANT LIST. BURLAP MATERIAL ON BALLED AND BURLAPPED PLANTS SHALL BE THE TYPE WHICH WILL DECAY WITHIN TWO YEARS (NO SYNTHETICS, PLASTIC, NYLON, TREATED OR OTHER NON NATURAL TYPES WILL BE ALLOWED.) AFTER SETTING BALLED AND BURLAPPED PLANTS IN THE PLANTING PIT, ALL BINDER TWINE SHALL BE CUT AND THE BURLAP REMOVED FROM THE TOP 1/3 OF THE ROOTBALL.
- ALL TREES MUST BE STRAIGHT TRUNKED, FULL-HEADED & MEET ALL REQUIREMENTS SPECIFIED.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT & THE OWNER BEFORE, DURING & AFTER INSTALLATION UNTIL THE DATE OF FINAL ACCEPTANCE.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTS & PLANTING AREAS MUST BE COMPLETELY MULCHED AS PER SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES & SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY & ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE QUANTITIES SHOWN IN THE PLANT SCHEDULE ARE SOLELY FOR THE INFORMATION OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE QUANTITIES SHOWN IN THE PLANT SCHEDULE WITH THE QUANTITIES SHOWN ON THE PLANTING PLAN. ALL DIFFERENCES IN THE QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. CONTRACTOR IS RESPONSIBLE TO INSTALL THE PLANT MATERIAL QUANTITIES THAT ARE SHOWN IN THE LANDSCAPE PLANS.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WEEDING, WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF PLANTING AREAS & LAWNS UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR BEGINNING FROM THE FINAL ACCEPTANCE DATE. FINAL ACCEPTANCE WILL BE GRANTED BY THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE ENTIRE PROJECT. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE, DURING, AND AT THE END OF THE GUARANTEE PERIOD AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE WILL APPROVE THE STAKED LOCATION OF ALL MATERIAL PRIOR TO INSTALLATION.
- AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
- ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOOLIATES (PRIOR TO FINAL ACCEPTANCE OF THE PROJECT AND DURING THE COURSE OF THE ONE YEAR GUARANTEE PERIOD) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUALITY AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
- ALL PLANT MATERIAL SHALL CONFORM WITH THE LATEST EDITION OF "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. ALL PLANT MATERIAL SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE FEDERAL, STATE, AND COUNTY LAWS REQUIRING INSPECTION FOR DISEASE AND INSECT CONTROL. ONE PLANT OF EACH SPECIES SHALL BE PROVIDED FOR THE OWNER'S REVIEW WITH THE NAME AND SIZE OF THE PLANT IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, INC. (ANLA). BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES.
- THE CONTRACTOR SHALL REMOVE ALL DEAD WOOD, SUCKERS, AND ALL BROKEN OR DAMAGED BRANCHES IN ACCORDANCE WITH THE ANLA IN ORDER TO PRESERVE THE NATURAL CHARACTER OF THE TREE AND SHRUB.
- ALL PLANTING PITS SHALL BE FREE OF ROCKS, GRAVEL, AND OTHER DEBRIS. ALL PLANTING PITS SHALL BE PREPARED IN ACCORDANCE WITH THE PLANTING DETAILS.
- NO SUBSTITUTION OF PLANT SPECIES OR VARIETY SHALL BE MADE WITHOUT PRIOR WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE.
- ALL SHRUB, GROUNDCOVER, AND SEASONAL COLOR BED AREAS SHALL BE TOP DRESSED WITH A MINIMUM OF 3" OF COMPACTED PINE STRAW MULCH. THE MULCH SHALL BE FREE FROM MOLD, STICKS, CONES, WEEDS AND OTHER DEBRIS. COMPACTION OF THE MULCH SHALL OCCUR NATURALLY OVER A TWO WEEK PERIOD DURING WHICH AT LEAST ONE SIGNIFICANT RAINFALL HAS OCCURRED. ADDITIONAL MULCH SHALL BE PLACED IN ORDER TO MAINTAIN THE MINIMUM DEPTH UNTIL DATE OF FINAL ACCEPTANCE AND APPROVED BY OWNER.
- FERTILIZER APPLICATION AMOUNTS AND SOIL PREPARATION DESCRIBED IN THE PLANT SCHEDULE SHALL BE STRICTLY FOLLOWED.
- SPRAY TREES AND SHRUBS WITH ANTI-DESICCANT, PRIOR TO TRANSPORTING AND TRANSPLANTING IF FOLIAGE IS PRESENT. ALL PLANT MATERIAL MUST BE PROTECTED DURING SHIPMENT FROM WIND BY A TARPULIN.
- ALL PLANT MATERIALS SHALL BE PLANTED AS PER THE PLANTING DETAILS OR THE PLANTING NOTES.
- ALL EXISTING TURF AND VEGETATION SHALL BE STRIPPED AND REMOVED PRIOR TO THE INSTALLATION OF ANY TURF OR PLANT MATERIAL.
- BACKFILL MIXTURE FOR ALL AREAS SHALL CONTAIN 1/3 BY VOLUME OF AMENDMENT GRADE, FINELY GROUND AND FULLY COMPOSTED PINE OR HARDWOOD BARK. AMENDMENT SHALL BE MIXED THOROUGHLY WITH THE ENTIRE VOLUME OF GOOD SOIL REMOVED FROM THE PLANTING PIT. THIS MIXTURE SHALL BE USED TO BACKFILL AROUND THE ROOTBALL.
- ALL PLANT MATERIAL SHALL BE PROPERLY WATERED IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED AT A RATE THAT WILL COMPLETELY SATURATE THE ENTIRE ROOTBALL REGARDLESS OF WEATHER CONDITIONS. IF THE HEIGHT OF THE ROOTBALL IS 24", THEN THE PLANT SHALL BE WATERED TO A DEPTH OF 24".
- THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT, AT ANY TIME UNTIL THE END OF THE GUARANTEE PERIOD, ANY AND/OR ALL PLANT MATERIAL THAT DOES NOT MEET THE SPECIFICATIONS AS SET FORTH HERE IN AND IN THE PLANT SCHEDULE.
- ALL DISTURBED AREAS SHALL BE SEEDED UNLESS INDICATED OTHERWISE ON THE PLANS. CONTRACTOR IS TO PROVIDE A VIGOROUS STAND OF TURF, FREE FROM DISEASE AND / OR WEEDS.
- ALL SLOPES THAT ARE GREATER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL FABRIC PRIOR TO PLANTING. EROSION CONTROL FABRIC SHALL BE OF THE TYPE THAT DECOMPOSES AFTER 18 MONTHS TO 2 YEARS.
- FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE. BEFORE INSTALLATION, THE CONTRACTOR IS TO NOTIFY THE OWNER'S REPRESENTATIVE FOR INSPECTION AFTER THE LAYOUT IS COMPLETE. FIELD VERIFY PLANT LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF ANY PLANT MATERIAL. ANY PLANT MATERIAL INSTALLED PRIOR TO THE OWNER'S REPRESENTATIVE'S APPROVAL WILL BE SUBJECT TO ADJUSTMENT/RELOCATION AT THE LANDSCAPE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO PROVIDE WATER BAG IRRIGATION DEVICES, AT ALL TREES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR IS TO FILL WITH WATER FOR EACH TREE UNTIL THE END OF GUARANTEE PERIOD. BAGS TO BE REMOVED ONCE TREES HAVE BEEN ESTABLISHED.
- DO NOT SCALE FROM DRAWINGS.
- PLANT QUALITY: ALL PLANTS SHALL BE SOUND, FREE OF PLANT DISEASE OR PESTS AND SHALL HAVE A HEALTHY, NORMAL ROOT SYSTEM FREE OF GIRDLING ROOTS. TREES ARE TO BE PLANTED THE APPROPRIATE DEPTH, EXPOSING THE ROOT FLARE. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT AT ANY TIME, AN AND/OR ALL PLANT MATERIAL THAT DOES NOT MEET THE SPECIFICATIONS AS SET FORTH IN THE PLANTING SCHEDULE.
- TOPPING AND HEADING CUTS OF ALL TREES ARE STRICTLY PROHIBITED, INCLUDING CRAPE MYRTLES.

Aug 9, 2016 - 10:20am  
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\$\$\$\$\$DATE\$\$\$\$\$

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DATE	REVISIONS	DATE	REVISIONS

CITY OF DECATUR  
LANDSCAPE PLAN  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
29-01







**NOTES:**

- CONTRACTOR SHALL NOTIFY CALL-BEFORE-YOU-DIG PHONE # 811 AND HAVE UTILITY LOCATOR SERVICE LOCATE ALL UTILITIES IN PROJECT AREA PRIOR TO BEGINNING CONSTRUCTION.
- EXISTING TREES TO REMAIN ARE TO BE PROTECTED WITH TREE PROTECTION FENCING PRIOR TO ANY DISTURBANCE. ALL TRENCHES OR EXCAVATION WITHIN THE DRIP LINE OF EXISTING TREES TO REMAIN SHALL BE HAND DUG.
- CONTRACTOR IS TO RE-ESTABLISH TURF OR GROUND COVER IN DISTURBED AREAS IN LIKE-KIND.
- A NOTICE OF INTENT (NOI) WILL **NOT** BE REQUIRED FOR THIS PROJECT.
- PROJECT INCLUDES STORM DRAINAGE REMOVAL AND REPLACEMENT ALONG WITH REPLACEMENT OF ANY PARKING LOT PAVING AND SIDEWALK REQUIRED TO COMPLETE THE REPAIRS AT THE DECATUR HOUSING AUTHORITY PROJECT LOCATED ON COMMERCE DRIVE IN THE CITY OF DECATUR, GEORGIA. MINOR UTILITY IMPROVEMENTS AT THE ENTRANCE ON COMMERCE DRIVE ARE INCLUDED. CARE SHOULD BE TAKEN TO NOT OBSTRUCT ACCESS TO SUCH ROADS. MAINTENANCE OF SILT FENCE AND APPROPRIATE VEGETATIVE MEASURES MUST BE UTILIZED PROPERLY.
- TOTAL PROJECT AREA = 1.02 ACRES, DISTURBED AREA = 0.410 ACRES.
- CONTRACTOR TO COORDINATE TYPE OF INLET PROTECTION (SD2) WITH THE CITY PRIOR TO CONSTRUCTION.

**GRADING NOTES:**

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND /OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. PRIOR TO ANY CONSTRUCTION, ANY DISCREPANCIES ARE TO BE IMMEDIATELY REPORTED TO THE CITY AND THE DESIGN ENGINEER.
- THE CONTOUR INTERVAL IS ONE FOOT AS SHOWN.
- EXISTING CONTOUR INFORMATION IS SHOWN PER SURVEY BY ATKINS

CONSTRUCTION DRAWINGS	
D-20	SILT CONTROL GATES FOR STRUCTURES TYPE 1, 2, 3: INLET SEDIMENT TRAP (10-02)
D-24A	TEMPORARY SILT FENCE, BAILED STRAW EROSION CHECK, BRUSH BARRIER DETAILS (9-01)
D-24B	TYPICAL LOCATION DETAILS FOR SILT FENCES/ BAILED STRAW (10-02)
D-37	UNIFORM CODE SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL - PERMANENT ITEMS (4-01)
D-37A	UNIFORM CODE SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL - PERMANENT ITEMS (4-01)
D-37B	UNIFORM CODE SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL - TEMPORARY ITEMS (4-01)
D-37C	UNIFORM CODE SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL - TEMPORARY ITEMS (11-02)

GDOT STANDARD CONSTRUCTION STANDARDS AND DETAILS REQUIRED FOR THIS PROJECT ARE LISTED IN THE INDEX WITH THE LATEST REVISION DATES, BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE STANDARD CONSTRUCTION DETAILS SHOWN IN THE INDEX AND MAINTAINING ON THE PROJECT SITE. FULL SIZE PRINTS MAY BE PURCHASED, BY THE CONTRACTOR, FROM THE GEORGIA DEPARTMENT OF TRANSPORTATION OR OBTAINED FROM THE FOLLOWING WEB SITE:  
[HTTP://TOMCAT2.DOT.STATE.GA.US/STDS\\_DTLS/INDEX.JSP](http://TOMCAT2.DOT.STATE.GA.US/STDS_DTLS/INDEX.JSP)

NOTE: THIS PROJECT IS TO BE CONSTRUCTED AS PER THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2001 EDITION AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION. THIS PROJECT IS TO BE BID AS A LUMP SUM

**EROSION, SEDIMENT & POLLUTION**

**CONTROL PLAN GENERAL NOTES:**

**STABILIZATION MEASURES:**

SOIL STABILIZATION SHALL OCCUR WITHIN 14 DAYS ON A GIVEN CONSTRUCTION SITE, AS A WHOLE 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.

**CLEARING PHASE EROSION CONTROL NOTES:**

- PRIOR TO THE LAND DISTURBING CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR.
- THE CONTRACTOR SHALL PREPARE A PROJECT SEQUENCE PLAN AND SUBMIT TO THE CITY OF DECATUR AT LEAST TWO WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED IN SMALL QUANTITIES.
- THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
- NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS.
- A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
- AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL DEVICES DEEMED NECESSARY BY THE SITE INSPECTION.
- AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT DEVICES AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUN OFF.
- NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR ENGINEER OF RECORD.

**CLEARING PHASE EROSION CONTROL NOTES: (CONT'D)**

- SEDIMENT AND EROSION CONTROL MEASURES MUST BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- 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 AS DIRECTED BY THE ON-SITE INSPECTOR OR THE CIVIL ENGINEER.
- FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

ACTIVITY	MONTH				
	1	2	3	4	5
1. INSTALL SEDIMENT CONTROLS	█				
2. DEMOLITION AND GRADING		█	█		
3. STORM DRAIN INSTALLATION		█	█	█	
5. PAVING					█
6. FINAL GRASSING AND LANDSCAPING					█
7. MAINTAIN EROSION CONTROL		█	█	█	
8. CLEANUP					█

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

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

NOTE: 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.

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ORANGE BARRIER FENCE	●—●—●—●—	

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DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**  
EROSION CONTROL  
GENERAL NOTES AND INDEX  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
**51-01**





CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Be	SECTION 161		THIS IS A TEMPORARY EARTH BERM CONSTRUCTED AT THE EDGE OF THE EMBANKMENT DURING THE GRADING OPERATION. THIS BERM WILL PREVENT SOIL EROSION AND DIRECT RUNOFF TO A DRAIN DRAINAGE OR CATCHMENT AREA. THIS WILL BE USED ON ALL GRADING PROJECTS. THIS ITEM IS TO BE USED ALONG THE TOP OF HIGH FILL SECTIONS TO DIRECT RUNOFF INTO THE TEMPORARY SLOPE DRAINS.
Bf	SECTION 163		A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS. THE BOUNDARIES OF THESE AREAS ARE DELINEATED BY ORANGE BARRIER FENCE.
ESA	SECTION 161		ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURAL, OR HISTORICALLY SENSITIVE. ESA AREAS INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, ANTI-CORROSION HISTORIC SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS. IF WORK IS AUTHORIZED IN SMALL AREAS, THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 10 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES.
	SECTION 163		ORANGE BARRIER FENCE DELINEATES ESA AREAS WHERE THE CONTRACTOR SHALL NOT OPERATE. PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
Cd-F	SECTION 171		A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED POLYMER, AND WING PLACED IN DITCHES IN A SPECIAL CONFIGURATION FOR WHICH CONTROL EROSION AND SEDIMENTATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-249 FOR SPACING REQUIREMENT. THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS. IF THIS ITEM IS USED IN AN AREA WITHOUT A SEDIMENT BASIN CONSIDERATION SHOULD BE GIVEN TO USING TWO OR MORE ROCK FILTER DAMS NEAR THE DISCHARGE POINT.

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Cd-Hb	SECTION 163		HAYBALE CHECK DAMS ARE RECOMMENDED FOR DRAINAGE AREA LESS THAN ONE ACRE.
Cd-S	SECTION 163		STONE CHECK DAMS ARE USED IN ROADWAY DITCHES. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE CHECK DAMS.
Ch-Bf	SECTION 161		THIS ITEM CONSISTS OF PLACING ONE OR MORE LAYERS OF BITUMINOUS TREATED ROVING ON A PLANTED AREA. IN CHANNELS TO STABILIZE VEGETATION AND PREVENT EROSION. BITUMINOUS TREATED ROVING SHALL BE PLACED TO PROTECT THE DITCH FLOWING TO A DEPTH "Dd" RECOMMENDED BY THE GOOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. *Dd* SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS
Ch-C	SECTION 161		THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE DITCH FLOWING TO A DEPTH "Dd" RECOMMENDED BY THE GOOT DITCH PROTECTION PROGRAM. *Dd* SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
SHEET 1 OF 6

NO SCALE  
JANUARY 2007  
NUMBER EC-L1  
DRAWING NO. 52-1

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Dn2-A	SECTION 441		A CONCRETE FLOVE TYPE "A" IS USED TO DIRECT SURFACE RUNOFF DOWN A SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25 YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GOOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
Dn2-B	SECTION 441		A CONCRETE FLOVE TYPE "B" IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED ORSIVE WATER REACHES THE GUT SLOPE. IT IS DESIGNED FOR A 25 YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GOOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
Dn2-C	SECTION 576		CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GOOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
Dn2-D	SECTION 576		CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GOOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
Ds1	SECTION 163		THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE TEMPORARY VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING.

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Ds2	SECTION 163		THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON IS TO BE USED ON ALL PROJECTS.
Ff	SECTION 163		A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS TO CONTROL THE VELOCITY OF THE RUNOFF FILTERS SEDIMENT FROM THE RUNOFF. SEE CHAPTER 6 OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA FOR DESIGN CRITERIA AND DETAILS.
Md	SECTION 116		ALL CUT OR FILL SLOPES OF 2:5:1 OR STEEPER AND WITHIN 50' OF ALL CROSS DRAINS AND CULVERTS.
Ps	SECTION 110		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN DITCHES TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG TERM PROTECTION. (THIS IS CALLED "W1" IN MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.)

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
SHEET 3 OF 6

NO SCALE  
JANUARY 2007  
NUMBER EC-L3  
DRAWING NO. 52-3

PROPERTY LINE		BEGIN LIMIT OF ACCESS		BLA
REQUIRED R/W LINE		END LIMIT OF ACCESS		ELA
CONSTRUCTION LIMITS		EXIST. LIMIT OF ACCESS		
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES		REQ'D R/W & LIMIT OF ACCESS		
EASEMENT FOR CONSTR OF SLOPES		ORANGE BARRIER FENCE		
EASEMENT FOR CONSTR OF DRIVES				

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CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Ca-Ra	SECTION 161		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP RAP 24" THICK UNLESS SPECIFIED OTHERWISE PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP RAP SHALL PROTECT THE DITCH FLOWING TO A DEPTH "Dd" RECOMMENDED BY THE GOOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED ALONG THIS CHANNEL SUCH AS S01-C, R06 OR S0.
Ca-Rb	SECTION 161		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP RAP 24" THICK UNLESS SPECIFIED OTHERWISE PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP RAP SHALL PROTECT THE DITCH FLOWING TO A DEPTH "Dd" RECOMMENDED BY THE GOOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED ALONG THIS CHANNEL SUCH AS S01-C, R06 OR S0.
Ca-V	SECTION 161		USED TO IMPROVE OR STABILIZE A NEW OR EXISTING CHANNEL. IT IS CONSTRUCTED IN STORMWATER DRAINAGE DITCHES. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GOOT DITCH PROTECTION PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
Co	SECTION 163		A STONE STABILIZED PAD LOCATED AT ANY POINT WHERE TRAFFIC CARRY WEIGHT OR A LOWER ELEVATION. BEST USED AT ACCESS POINTS, I. E. NEW LOCATION PROJECTS, BORROW PITS, WASTE PILES, AND SLOPE STABILIZATION. SHALL BE MIN. 20' WIDE AND 50' LONG, AND 6" THICK. REQUIRES A GEOTEXTILE UNDERLINER. INCLUDED IN THE PRICE FOR THE CONSTRUCTION EXIT.
Dc-A	SECTION 163		A DIVERSION CHANNEL IS A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LAUGH RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS DESIGNED FOR A TWO YEAR STORM FREQUENCY WITH A FLOW RATE BETWEEN 0.5-5.0 CFS. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
SHEET 2 OF 6

NO SCALE  
JANUARY 2007  
NUMBER EC-L2  
DRAWING NO. 52-2

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Rd	SECTION 163		ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP RAP AND ARE USED TO PROTECT STREAMS FROM EROSION. THEY TO BE USED IN SMALL DRAINAGE CHANNELS OF 50 ACRES OR LESS. THE RIP RAP SHOULD BE PLACED ON A GEOTEXTILE UNDERLINER.
Rp	SECTION 603		RIP RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND END ROLLS. RIP RAP TYPE 1 SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS.
Rr-A	SECTION 163		A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTRIBUTED AREA. THIS ITEM SHOULD BE DESIGNED ACCORDING TO CHAPTER 6 IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
Rr-B	SECTION 163		A SLOTTED BOARD DAM WITH STONE PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 100 ACRES TOTAL DRAINAGE AREA. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTRIBUTED AREA. THIS ITEM SHOULD BE DESIGNED ACCORDING TO CHAPTER 6 IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
Sb-F	SECTION 170		A FLOATING BARRIER IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY FORCING IT TO DRIP OUT OF SUSPENSION BEFORE IT MOVES OUT OF THE CONSTRUCTION AREA. IT IS USUALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED BMP'S.

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
SHEET 4 OF 6

NO SCALE  
JANUARY 2007  
NUMBER EC-L4  
DRAWING NO. 52-4

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Dc-B	SECTION 163		A DIVERSION CHANNEL IS A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF S01-C PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LAUGH RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS DESIGNED FOR A TWO YEAR STORM FREQUENCY WITH A FLOW RATE BETWEEN 0.5-5.0 CFS. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dc-C	SECTION 163		A DIVERSION CHANNEL IS A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIPRAP AND GEOTEXTILE. INSTALL TWO ROWS OF S01-C PARALLEL TO THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS DESIGNED FOR A TWO YEAR STORM FREQUENCY WITH A FLOW RATE BETWEEN 0.5-5.0 CFS. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
D1	SECTION 205		AN EARTH CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE. CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE AND TO INTERCEPT RUNOFF AND DIRECT THE RUNOFF TO A STABLE OUTLET. SEE CHAPTER 6 OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA FOR DESIGN CRITERIA AND DETAILS.
Dn1	SECTION 163		A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER TO THE WORK AREA. A LOWER ELEVATION TEMPORARY SLOPE DRAIN SHOULD BE PLACED AT INTERVALS OF 500 FEET OR 1.0 TO 2.0 FEET ON STEEP SLOPES. GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE USUAL SLOPE IS 1:10. THE OUTLET AREA SHOULD BE STABILIZED WITH SILT FENCE, SUMP HOLE, HAYBALES, AND/OR OUTLET IN UNDESIRABLE OR OTHER APPROPRIATE MEANS FOR VELOCITY DISSIPATION AND EROSION CONTROL. THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'.

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
SHEET 2 OF 6

NO SCALE  
JANUARY 2007  
NUMBER EC-L2  
DRAWING NO. 52-2

CODE	PRACTICE STD : SPC'S : SECTION	DETAIL	DESCRIPTION
Sb-S	SECTION 170		A STAKED BARRIER IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY FORCING IT TO DRIP OUT OF SUSPENSION BEFORE IT MOVES OUT OF THE CONSTRUCTION AREA. IT IS USUALLY USED WHERE CONSTRUCTION IS REQUIRED IN SHALLOW INUNDATED AREAS. IT SHOULD BE USED AS DIRECTED BY THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. A SMALL STREAM WHILE IT IS BEING REALIGNED OR WIDENED IN CHANNELS. THE BARRIERS SHOULD BE PLACED TO THE BOTTOM OF THE STREAM. IT SHOULD BE LIMITED TO 10' IN HEIGHT UNLESS OTHERWISE DIRECTED. STAKED BARRIERS IN SMALL STREAMS SHOULD EXTEND 1' ABOVE NORMAL WATER. THIS ITEM IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED BMP'S.
Sf1-A	SECTION 171		USED ALONG THE TOE OF FILLS OVER 10' HIGH ALONG THE RIGHT OR LEFT SIDE OR PARALLEL TO STREAMS. THE FENCE SHOULD NEVER RUN CONTINUOUS. IT SHOULD TURN BACK INTO THE FILL TO CREATE SMALL POCKETS TO TRAP SILT.
Sf1-B	SECTION 171		TYPE B MAY BE USED IN LIEU OF BALED STRAW AND AT THE TOE OF FILLS LESS THAN 10 FEET HIGH.
Sf1-C	SECTION 171		A WOVEN SYNTHETIC FIBER FABRIC PLACED IN FRONT OF A WIRE FENCE. IT CAN BE USED ALONG THE TOE OF THE FILL, ALONG THE RIGHT OR LEFT SIDE OR PARALLEL TO STREAMS. IT IS USED TO CAPTURE SEDIMENT FROM FILLS OVER 10 FEET HIGH AND UNDER ALL BRIDGES.

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
SHEET 4 OF 6

NO SCALE  
JANUARY 2007  
NUMBER EC-L4  
DRAWING NO. 52-4

CITY OF DECATUR  
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO. 52-01

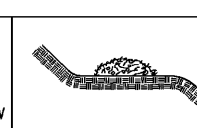
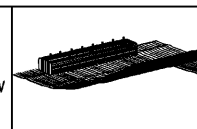
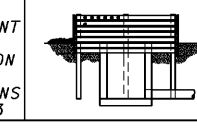

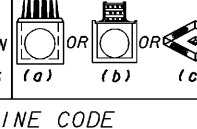


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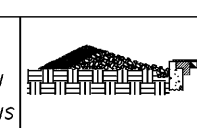
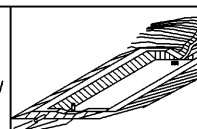

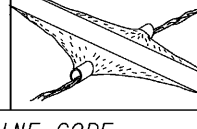
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STATE	PROJECT NUMBER	SHEET	TITLE
GA.			

CODE	PRACTICE STD. - SPC'S - SECTION	DETAIL	DESCRIPTION
S41-B		 BRUSH BARRIER CONSTRUCTION DETAIL SECTION 163 LINE CODE *****	THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE TO FEED OR WIDE THE BARRIER SHOULD BE USED TO PREVENT FLOW OF WATER WHERE THE EASEMENT DOES NOT COMPLY WITH RIGHTWAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS. PERMIT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE.
S41-H		 SEDIMENT BARRIER CONSTRUCTION DETAIL SECTION 163 LINE CODE -S-S-S-S-S-S-S-S-S-S-	A BARRIER OF BALED STRAW IS USED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT IS USED IN DITCHES AS DITCH CHECKS OR ALONG THE TOE OF SLOPE OR RIGHT OF WAY IN FILLS LESS THAN 10 FEET HIGH. THE BALES SHOULD RUN PARALLEL TO THE SLOPE YIELDING AREA UNTIL THE TOP OF THE BALE IS 6 INCHES LOWER THAN THE GROUND ELEVATION OF THE BEGINNING OF THE WATER TO DRAIN OVER THE BALE. IN DITCHES, BALED STRAW SHOULD BE PERPENDICULAR TO THE FLOW. USED FOR SLOPES LESS THAN 12%. USE 100' SPACING. BALED STRAW SHALL BE STAKED SECURELY TO THE GROUND.
S42-B		 BAFFLE BOX INLET SEDIMENT TRAP CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163 LINE CODE S42-B	USED FOR INLETS RECEIVING RUNOFF WITH A HIGHER VOLUME OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING A 0-7 cfs.
S42-Ba		 BLOCK & GRAVEL DROP INLET PROTECTION CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163 LINE CODE S42-Ba	USED FOR INLET PROTECTION WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING A 0-5-7 cfs.
S42-F		 INLET SEDIMENT TRAP CONSTRUCTION DETAILS SECTION 163 LINE CODE S42-F	(a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5% THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOWS THAT RANGE FROM 0-0.4 cfs.

CODE	PRACTICE STD. - SPC'S - SECTION	DETAIL	DESCRIPTION
S42-G		 GRAVEL DROP INLET PROTECTION CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163 LINE CODE S42-G	USED FOR INLET PROTECTION WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING A 0-3-5 cfs.
S43		 SEDIMENT BASIN CONSTRUCTION DETAIL SECTION 163 LINE CODE S43	A BASIN EXCAVATED OR AN AREA THAT IS DAMMED. THE BASIN IS DESIGNED TO HOLD A SEDIMENT LOAD OF 67 CUBIC YARDS OF VOLUME PER ACRE OF DRAINAGE AREA. IT IS USED FOR DRAINAGE AREAS OF 3 TO 5 ACRES OR WHERE A ROADWAY CUTS OR FILLS EXCESS 1,000 FEET IN LENGTH. IF A SEDIMENT BASIN IS USED ON AN AREA LARGER THAN 5 ACRES SPECIAL CONSIDERATION FOR CLEAN OUT IS REQUIRED. SUFFICIENT RIGHT OF WAY OR PERMANENT EASEMENT NEEDED FOR THE BASIN AND ACCESS FOR CLEAN OUT VIA A ROUTE WITH 3:1 SLOPES OR LESS. SEDIMENT BASINS SHOULD ALSO BE CONSIDERED WHERE HIGH FILLS OVER 30 FEET DRAIN TO ONE LOCATION.
S9-1		 SILT CONTROL GATES CONSTRUCTION DETAIL D42 SPECIFICATIONS SECTION 163 LINE CODE S9-1 S9-2 S9-3	A SILT CONTROL GATE IS A STRUCTURE PLACED ON A PIPE, SMALL BOX CULVERT, OR DROP INLET TO FORM A BASIN TO CATCH SILT AND PREVENT IT FROM LEAVING THE CONSTRUCTION SITE. IT IS EFFECTIVE ON SMALL DRAINAGE AREAS ONLY. DO NOT USE IN STATE WATERS. S9-1-TYPE 1: USED ON BOX CULVERTS. S9-2-TYPE 2: USED ON STRAIGHT HEADWALLS. S9-3-TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS.
SJ		 STREAM CROSSING SECTION 161 LINE CODE SJ	A TEMPORARY BRIDGE OR PIPE STRUCTURE PROTECTING A STREAM OR WATER COURSE FROM DAMAGE BY CONSTRUCTION EQUIPMENT. THIS AREA MUST BE COMPLETELY STABILIZED. THIS ITEM MUST BE DESIGNED ACCORDING TO CHAPTER 6 OF THE MANUAL FOR EROSION CONTROL IN GEORGIA FOR CONTRACTOR'S USE ONLY

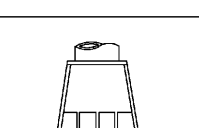
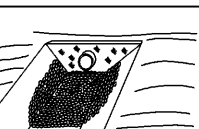
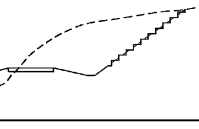
NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 5 OF 6	
NO SCALE	JANUARY 2007
NUMBER EC-L5	DRAWING NO. 52-5

STATE	PROJECT NUMBER	SHEET	TITLE
GA.			

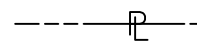

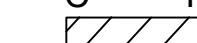
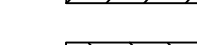
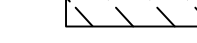
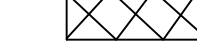
CODE	PRACTICE STD. - SPC'S - SECTION	DETAIL	DESCRIPTION
SJ		 STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332 LINE CODE SJ	A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO PREVENT EROSION AND TO SLOW WATER. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 4" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY IS 12 FPS AND GREATER.
SJ-R		 STORM DRAIN OUTLET PROTECTION SECTION 603 PATTERN LINE CODE SJ-R	THIS ITEM IS ADDED TO 'SJ' WHEN ADDITIONAL PROTECTION IS NEEDED. TYPE 1 RIP RAP PLACED ON FILTER FABRIC SHOULD BE USED AT A 24" THICKNESS. MAY BE USED ON INLETS FOR FLOWING STREAMS. REFER TO CHARTS IN "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR QUANTITY DETERMINATION.
SU		 SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL SECTION 205 LINE CODE SU	PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE, IN A VERTICAL DIRECTION, CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER. IN MOST CASES THIS ITEM IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE USED ON THE PROJECT, THEN THIS ITEM SHALL BE SHOWN WHERE SERRATED SLOPES ARE TO BE USED. LINE CODE SU IS SHOWN ON THE PLANS FOR SERRATED SLOPES WHERE SPECIFIED IN THE SOIL SURVEY.


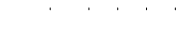



  

NOTE:  
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.  
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION CONTROL MEASURES SEE THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET SHEET 6 OF 6	
NO SCALE	NOV., 2007
NUMBER EC-L6	DRAWING NO. 52-6

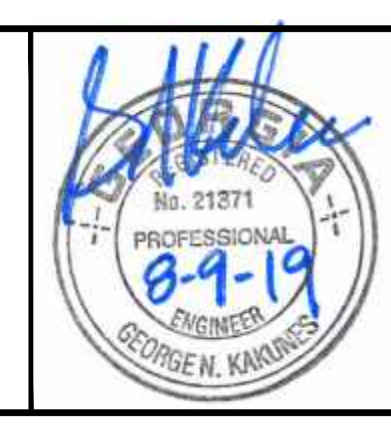
PROPERTY LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS		BLA
END LIMIT OF ACCESS		ELA
EXIST. LIMIT OF ACCESS		
REQ'D R/W & LIMIT OF ACCESS		
ORANGE BARRIER FENCE		

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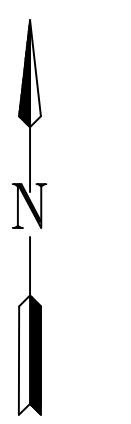
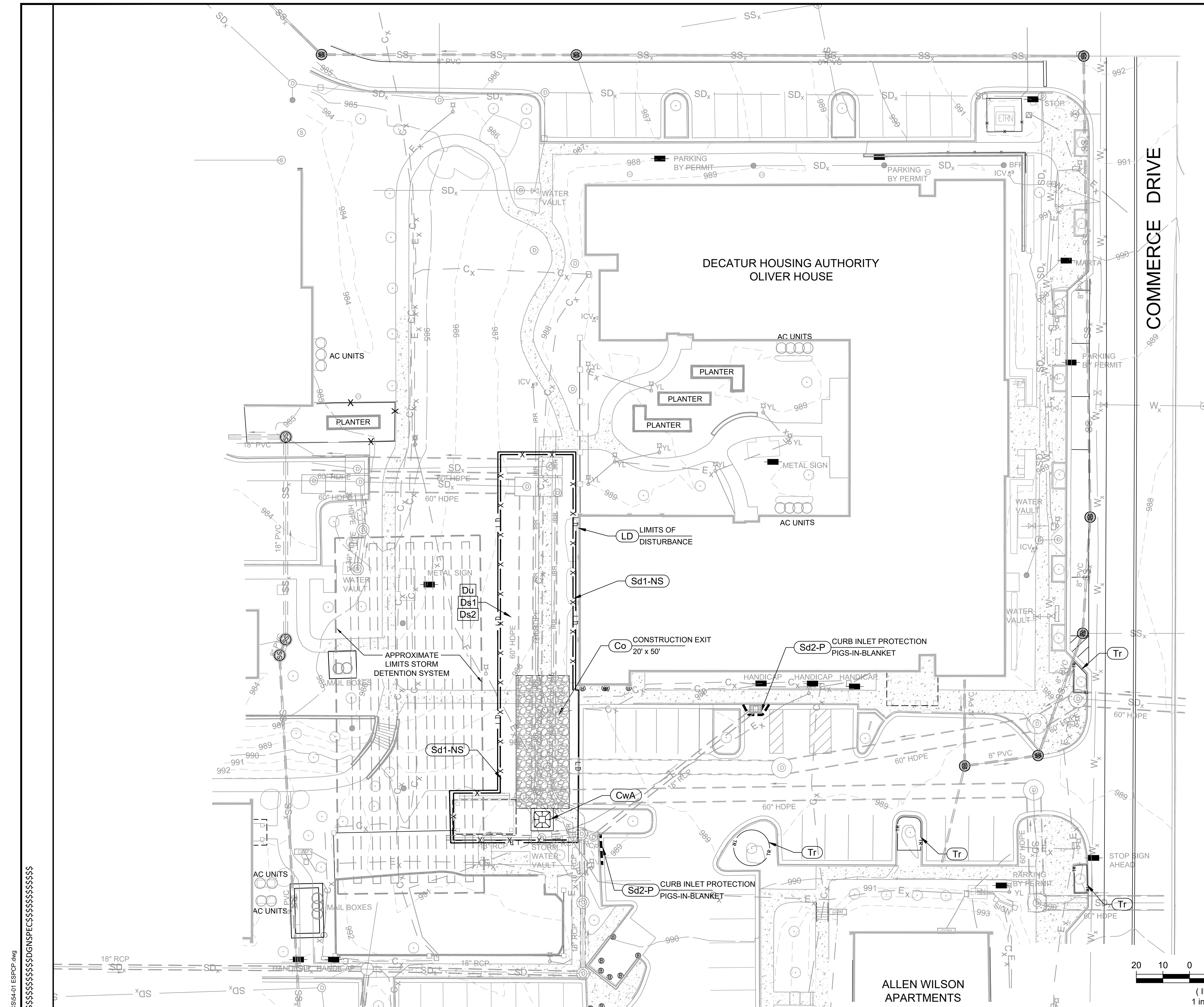


DATE	REVISIONS	DATE	REVISIONS

CITY OF DECATUR  
EROSION CONTROL LEGEND AND UNIFORM CODE SHEET  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
52-02

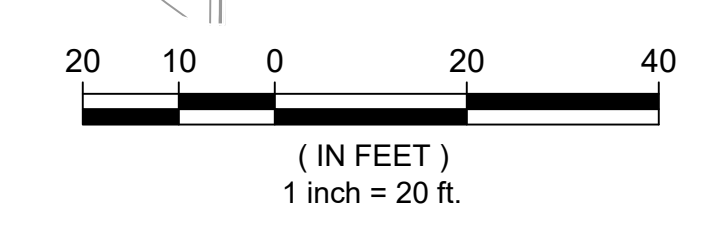




EROSION & SEDIMENT CONTROL PLAN LEGEND	
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING / VEGETATION)
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)
Du	DUST CONTROL ON DISTURBED AREAS
Co	CONSTRUCTION EXIT
CWA	CONCRETE WASHDOWN AREA
Sd1-CFS	SEDIMENT BARRIER - COMPOSITE SOCK FILTER - TYPE "B"
Sd1-NS	SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON SENSITIVE")
Sd2-E	INLET SEDIMENT TRAP - EXCAVATED
Sd2-F	INLET SEDIMENT TRAP - FABRIC & FRAME
Sd2-P	INLET SEDIMENT TRAP - CURB INLET FILTER ("PIGS-IN-A-BLANKET")
Tr	TREE PROTECTION FENCE
LD	LIMITS OF DISTURBANCE
SS	SOIL SERIES DELINEATION BOUNDARY
DA	DRAINAGE AREA DIVIDE

**GENERAL EROSION CONTROL NOTES:**

- CONTRACTOR TO COORDINATE TYPE OF INLET PROTECTION (Sd2) WITH THE CITY PRIOR TO CONSTRUCTION.
- FOR EROSION AND SEDIMENT CONTROL NOTES, REFER TO SHEET NO. 51-01.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, REFER TO SHEET NO'S. 56-01 THRU 56-03.
- SOIL SERIES FOR THE PROJECT SITE = Ud 'URBAN LAND'
- FOR INLET PROTECTION THE CONTRACTOR HAS THE OPTION OF USING Sd2-CFS (COMPOSITE FILTER SOCK) IN-LIEU OF THE PLAN CALL OUT FOR Sd2-P (PIGS-IN-A-BLANKET).



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PROPERTY LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS	---
END LIMIT OF ACCESS	---
EXIST. LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---

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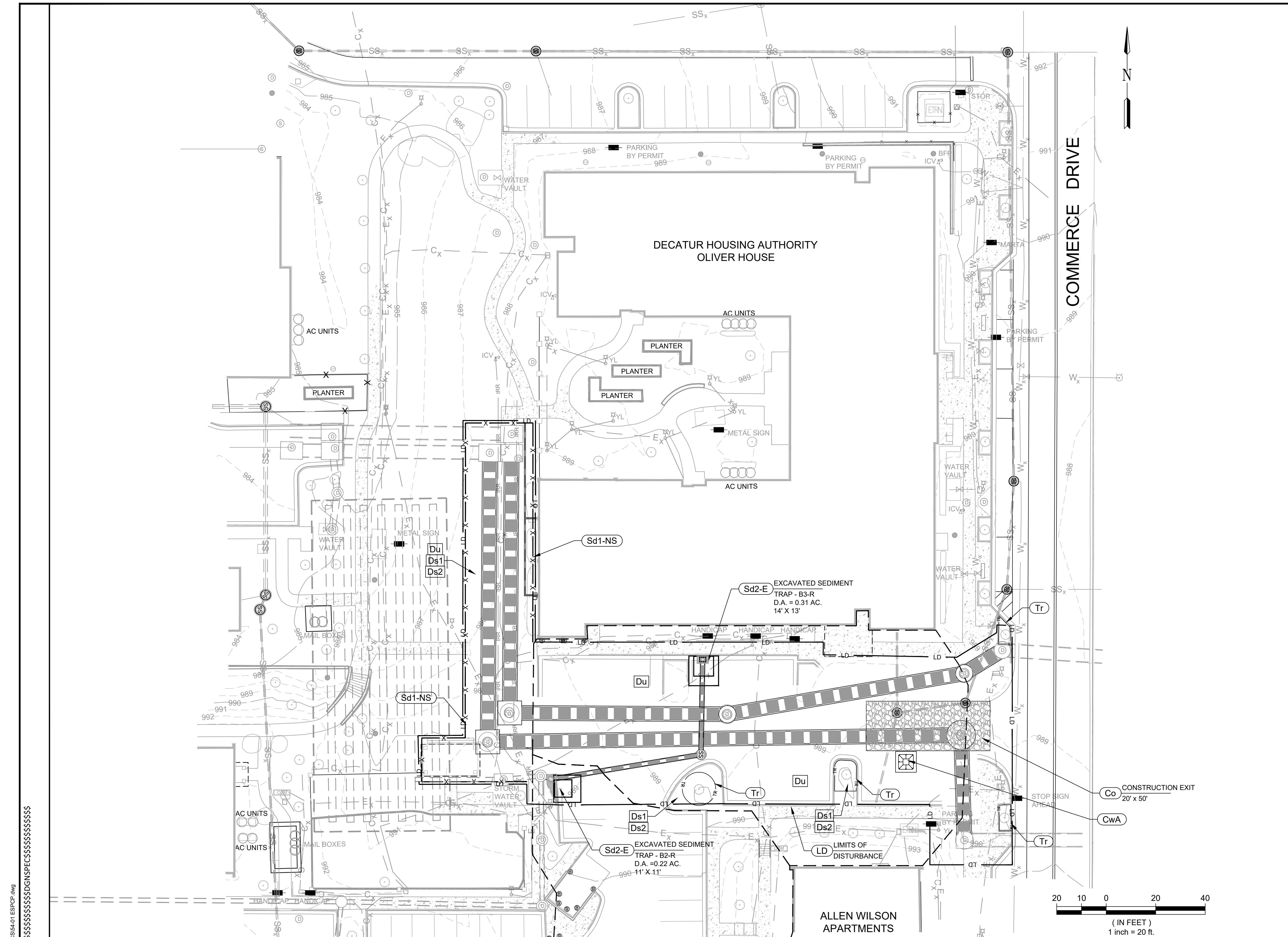


DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**  
**EROSION CONTROL BMP'S**  
**INITIAL PHASE I**  
 DOWNTOWN DECATUR  
 STORM SEWER IMPROVEMENTS  
**CITY OF DECATUR FUNDED**

DRAWING NO.  
**54-01**

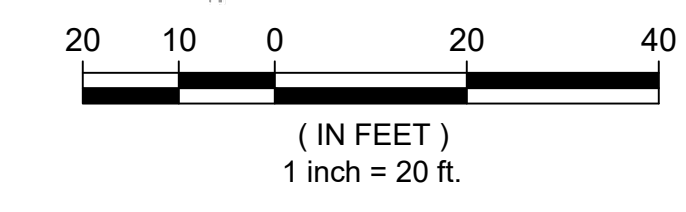




EROSION & SEDIMENT CONTROL PLAN LEGEND	
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING / VEGETATION)
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)
Du	DUST CONTROL ON DISTURBED AREAS
Co	CONSTRUCTION EXIT
CWA	CONCRETE WASHDOWN AREA
Sd1-CFS	SEDIMENT BARRIER - COMPOSITE SOCK FILTER - TYPE "B"
Sd1-NS	SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON SENSITIVE")
Sd2-E	INLET SEDIMENT TRAP - EXCAVATED
Sd2-F	INLET SEDIMENT TRAP - FABRIC & FRAME
Sd2-P	INLET SEDIMENT TRAP - CURB INLET FILTER ("PIGS-IN-A-BLANKET")
Tr	TREE PROTECTION FENCE
LD	LIMITS OF DISTURBANCE
SSx	SOIL SERIES DELINEATION BOUNDARY
---	DRAINAGE AREA DIVIDE

**GENERAL EROSION CONTROL NOTES:**

- CONTRACTOR TO COORDINATE TYPE OF INLET PROTECTION (Sd2) WITH THE CITY PRIOR TO CONSTRUCTION.
- FOR EROSION AND SEDIMENT CONTROL NOTES, REFER TO SHEET NO. 51-01.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, REFER TO SHEET NO'S. 56-01 THRU 56-03.
- SOIL SERIES FOR THE PROJECT SITE = U4 'URBAN LAND'
- FOR INLET PROTECTION THE CONTRACTOR HAS THE OPTION OF USING Sd2-CFS (COMPOSITE FILTER SOCK) IN-LIEU OF THE PLAN CALL OUT FOR Sd2-P (PIGS-IN-A-BLANKET).



PROPERTY LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS	---
END LIMIT OF ACCESS	---
EXIST. LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---

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DATE	REVISIONS	DATE	REVISIONS

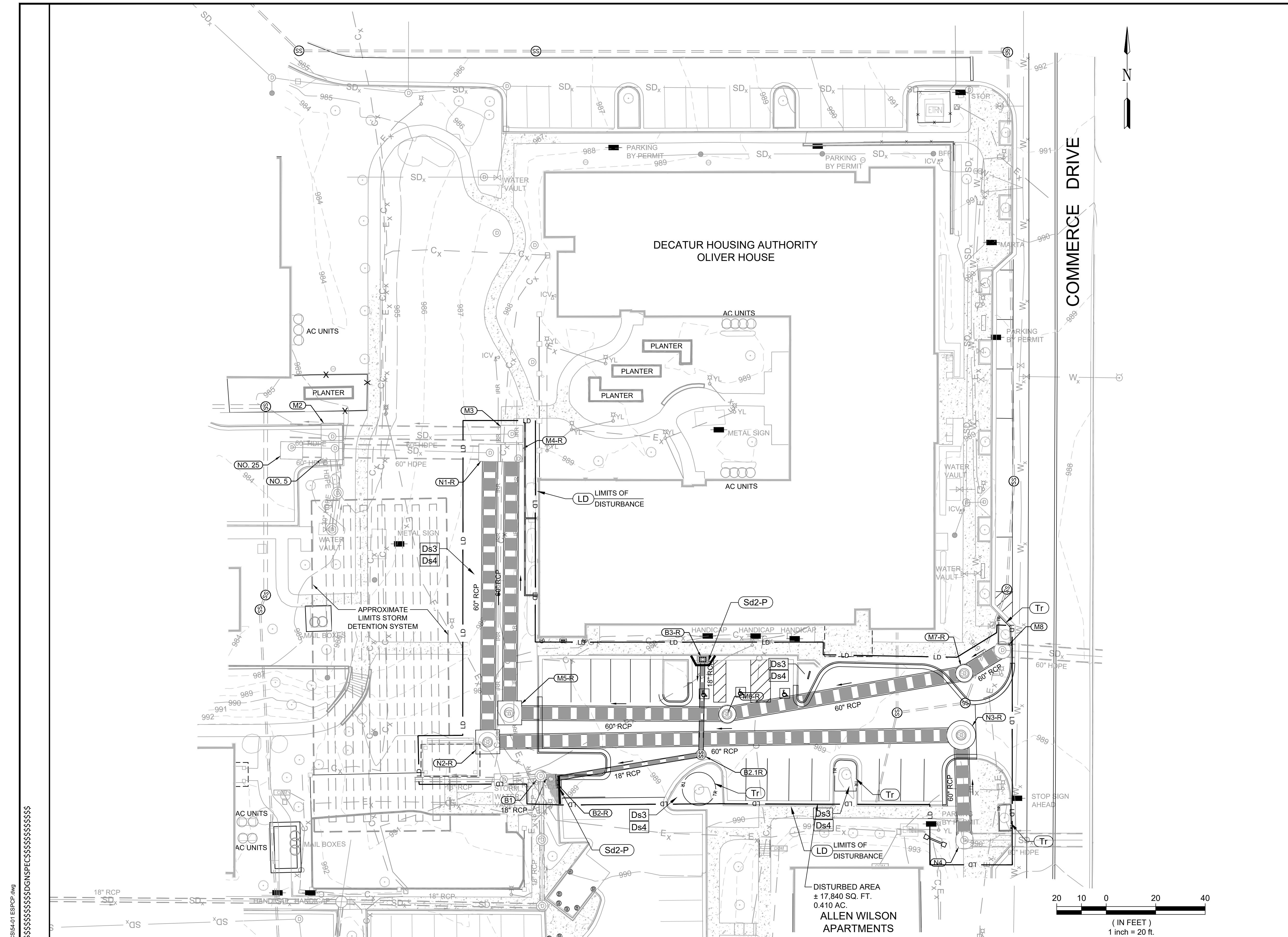
CITY OF DECATUR  
EROSION CONTROL BMP'S  
INTERMEDIATE PHASE II  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
**54-02**



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EROSION & SEDIMENT CONTROL PLAN LEGEND	
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING / VEGETATION)
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)
Du	DUST CONTROL ON DISTURBED AREAS
Co	CONSTRUCTION EXIT
CWA	CONCRETE WASHDOWN AREA
Sd1-CFS	SEDIMENT BARRIER - COMPOSITE SOCK FILTER - TYPE "B" <span style="float:right">---</span>
Sd1-NS	SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON SENSITIVE") <span style="float:right">-x-</span>
Sd2-E	INLET SEDIMENT TRAP - EXCAVATED <span style="float:right">---</span>
Sd2-F	INLET SEDIMENT TRAP - FABRIC & FRAME <span style="float:right">[X] [X]</span>
Sd2-P	INLET SEDIMENT TRAP - CURB INLET FILTER ("PIGS-IN-A-BLANKET") <span style="float:right">---</span>
Tr	TREE PROTECTION FENCE <span style="float:right">-TR-</span>
LD	LIMITS OF DISTURBANCE
---	SOIL SERIES DELINEATION BOUNDARY
- - -	DRAINAGE AREA DIVIDE

**GENERAL EROSION CONTROL NOTES:**

- CONTRACTOR TO COORDINATE TYPE OF INLET PROTECTION (Sd2) WITH THE CITY PRIOR TO CONSTRUCTION.
- FOR EROSION AND SEDIMENT CONTROL NOTES, REFER TO SHEET NO. 51-01.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, REFER TO SHEET NO'S. 56-01 THRU 56-03.
- SOIL SERIES FOR THE PROJECT SITE = Ud 'URBAN LAND'
- FOR INLET PROTECTION THE CONTRACTOR HAS THE OPTION OF USING Sd2-CFS (COMPOSITE FILTER SOCK) IN-LIEU OF THE PLAN CALL OUT FOR Sd2-P (PIGS-IN-A-BLANKET).

PROPERTY LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

BEGIN LIMIT OF ACCESS	---	BLA
END LIMIT OF ACCESS	---	ELA
EXIST. LIMIT OF ACCESS	o o o o	
REQ'D R/W & LIMIT OF ACCESS		
ORANGE BARRIER FENCE	• •	

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**PROFESSIONAL ENGINEER**  
No. 21871  
8-9-19  
GEORGE W. KARAKOZIS

DATE	REVISIONS	DATE	REVISIONS

**CITY OF DECATUR**  
EROSION CONTROL BMP'S  
FINAL PHASE III  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO. **54-03**

**811** IF YOU DIG GEORGIA... CALL US FIRST!  
Know what's below. Call before you dig.  
UTILITIES PROTECTION CENTER

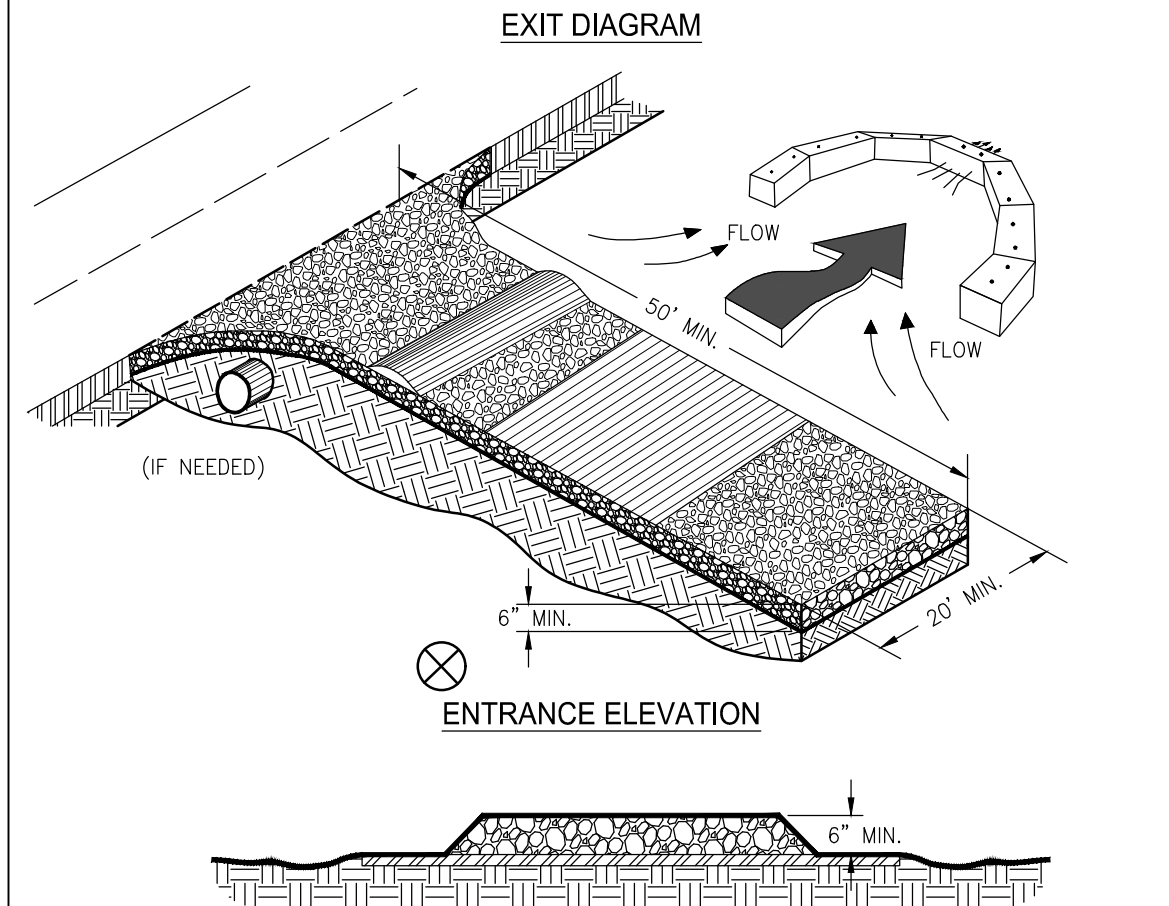
Aug 9, 2018 - 10:22am  
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### CRUSHED STONE CONSTRUCTION EXIT

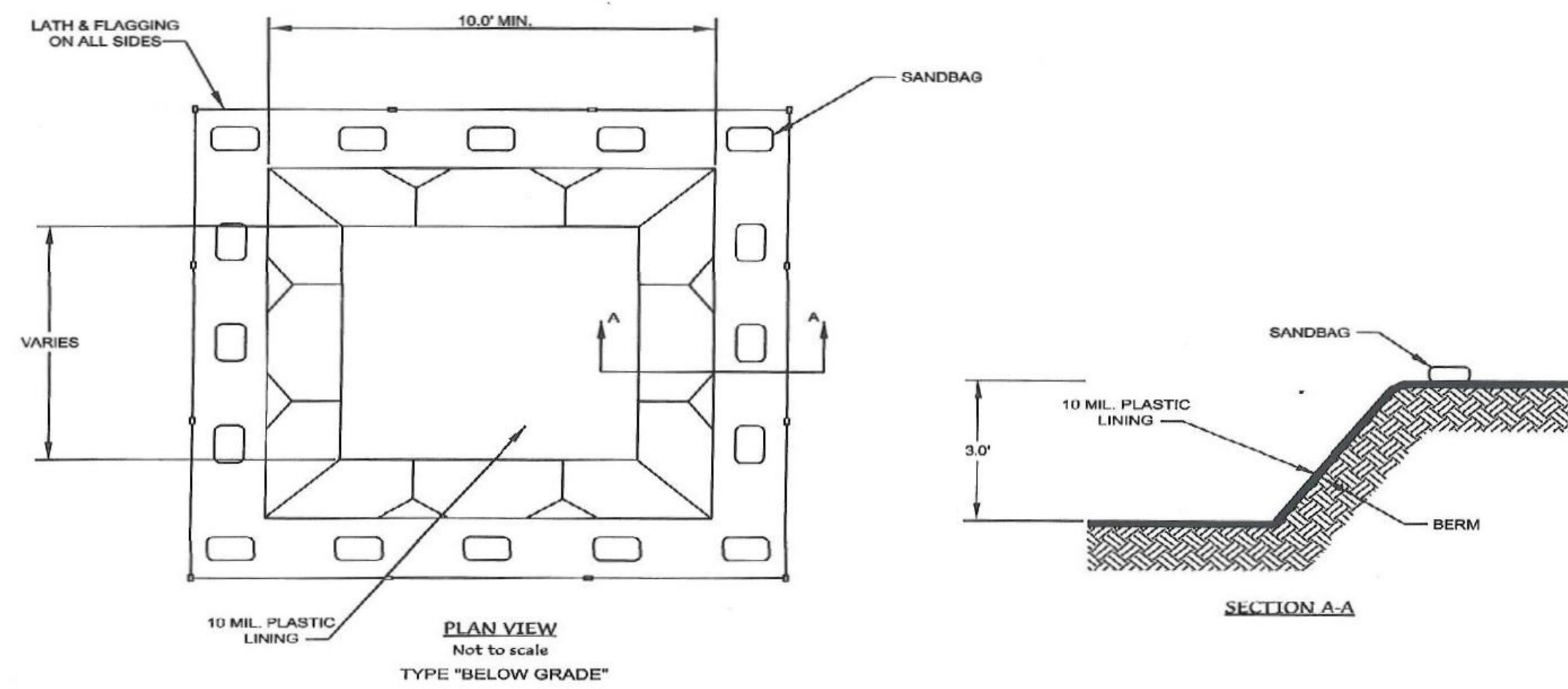


- NOTES:**
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
  2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
  3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
  4.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

Co **CONSTRUCTION EXIT** 06  
(NOT TO SCALE) 56-02

### CONCRETE WASHDOWN

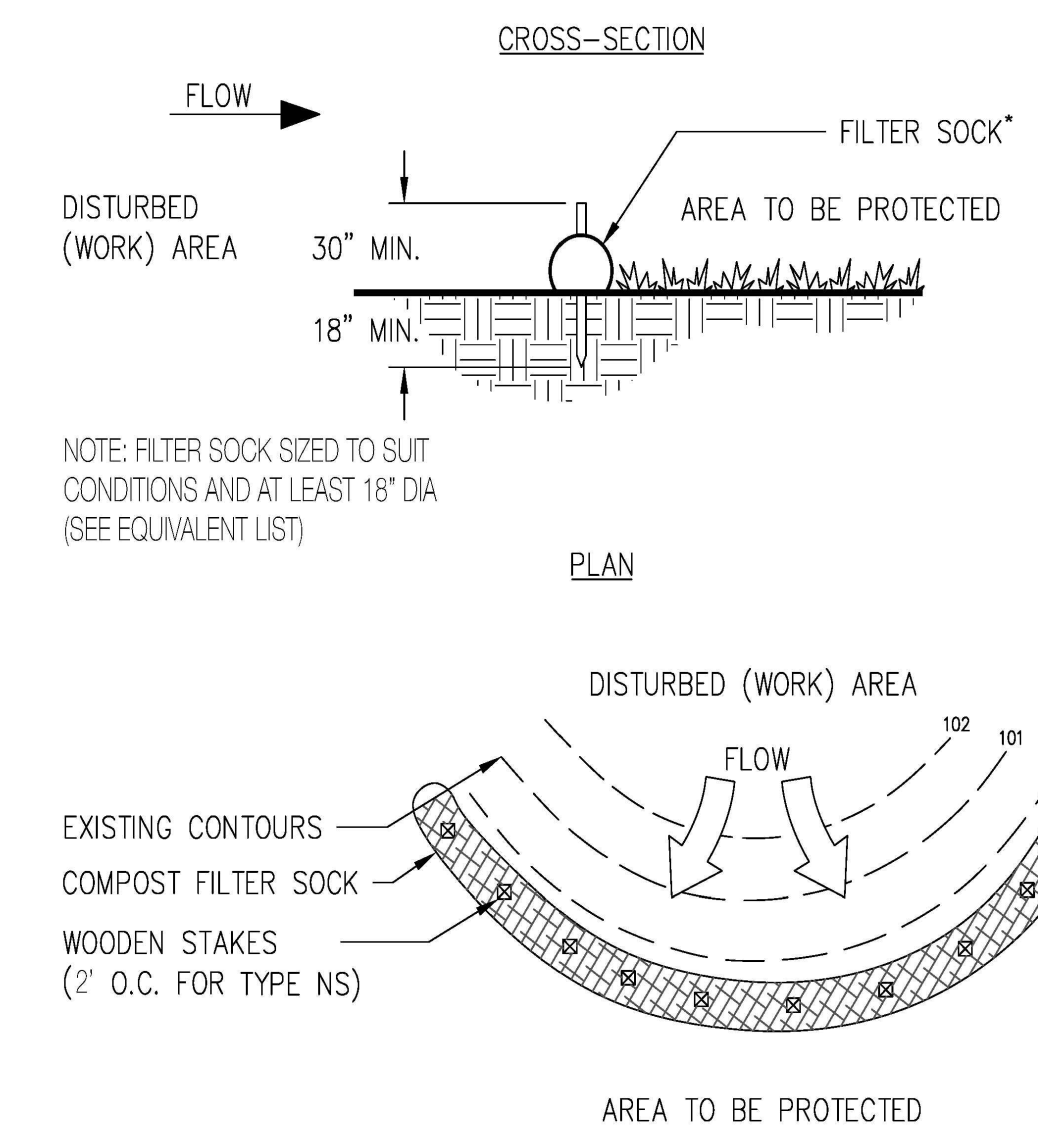
1. THE CONTRACTOR MUST PROVIDE A DESIGNATED AREA FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS, AND THE REAR OF THE VEHICLES. THIS AREA MUST HAVE A CONCRETE WASHOUT FACILITY AND SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL SHOWN BELOW.
2. THE CONCRETE WASHOUT FACILITY SHALL BE LOCATED A MINIMUM OF 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES.
3. WASH OUT DISCHARGE FROM THE CLEANING OF CONCRETE TRUCKS, TOOLS, AND OTHER EQUIPMENT SHALL NOT BE DISCHARGED INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
4. EXCESS CONCRETE SHALL NOT BE DISPOSED OF ON SITE. ALL EXCESS CONCRETE SHALL BE TRANSPORTED OFF-SITE AND DISPOSED OF PROPERLY.
5. IT IS PROHIBITED TO WASH OUT THE MIXING DRUM OF CONCRETE TRUCKS ON-SITE.



CWA **CONCRETE WASHDOWN AREA** 07  
(NOT TO SCALE) 56-02

### EROSION AND SEDIMENT CONTROL

#### TYPE B COMPOST FILTER SOCK



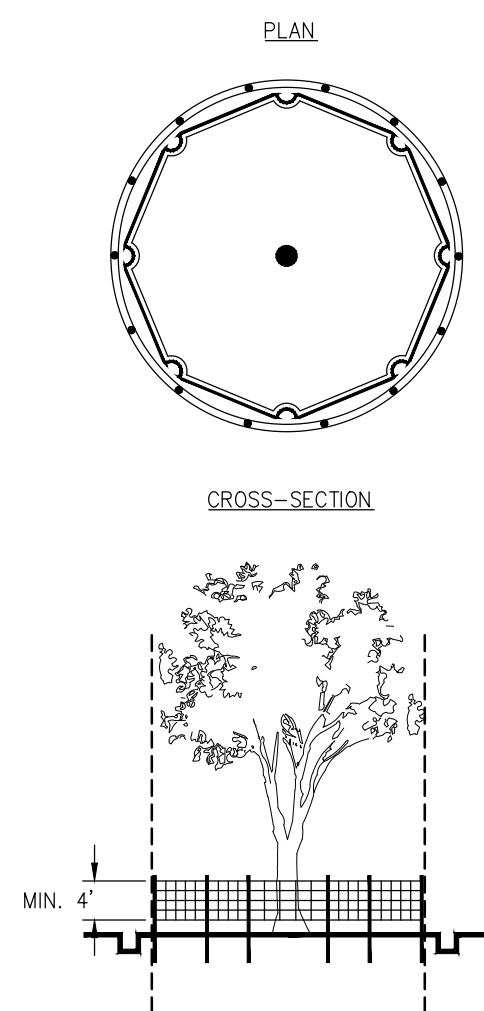
NOTE: FILTER SOCK SIZED TO SUIT CONDITIONS AND AT LEAST 18" DIA (SEE EQUIVALENT LIST)

\*HEIGHT IS TO BE SHOWN ON THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN  
Figure 6-27.3

Sd1-CFS **COMPOSITE FILTER SOCK - TYPE 'B'** 08  
(NOT TO SCALE) 56-02

### TREE PROTECTION

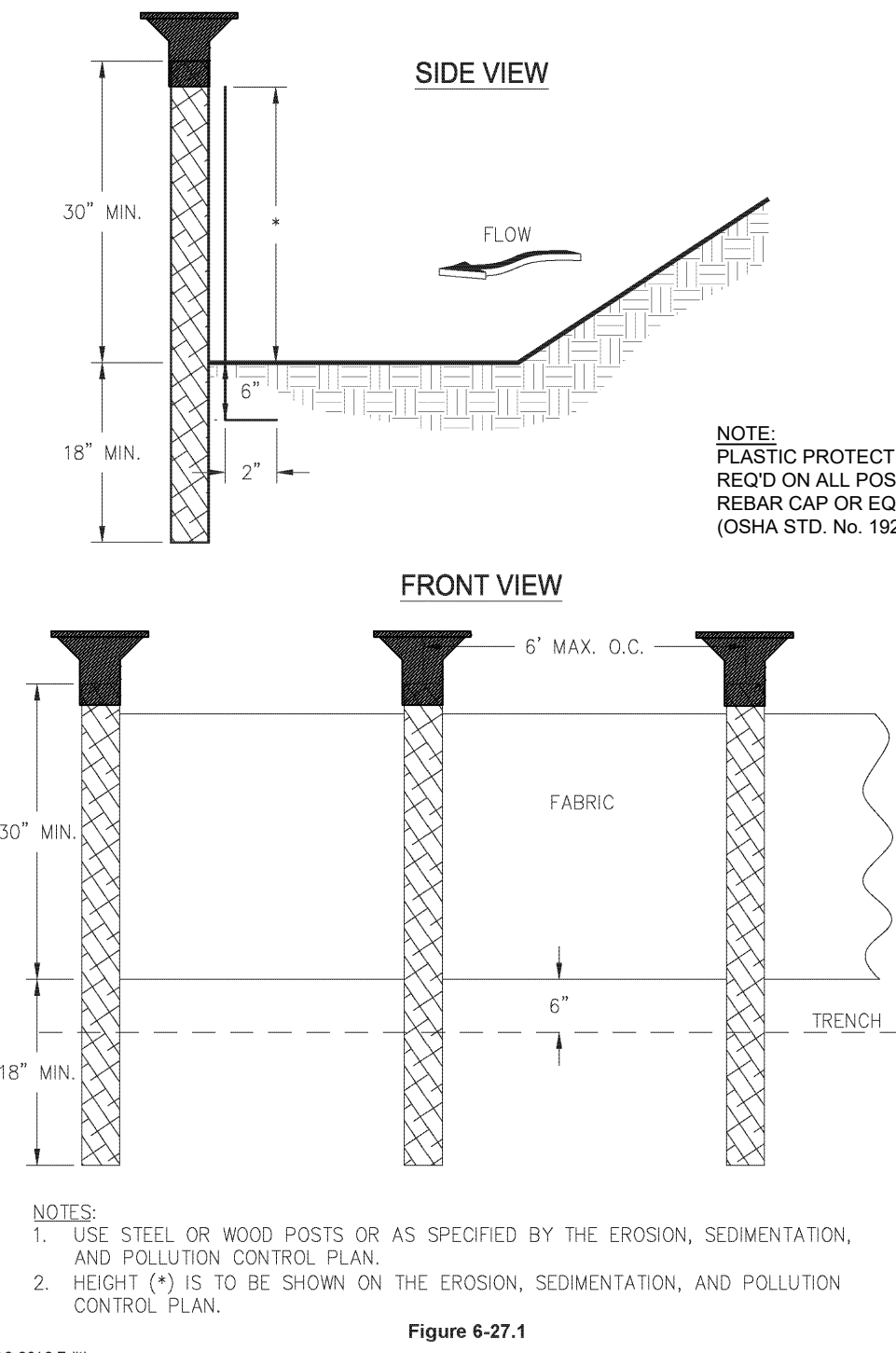
#### "SNOW" FENCE



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

Tr **TREE PROTECTION** 09  
(NOT TO SCALE) 56-02

### SILT FENCE - TYPE A and B



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Figure 6-27.1

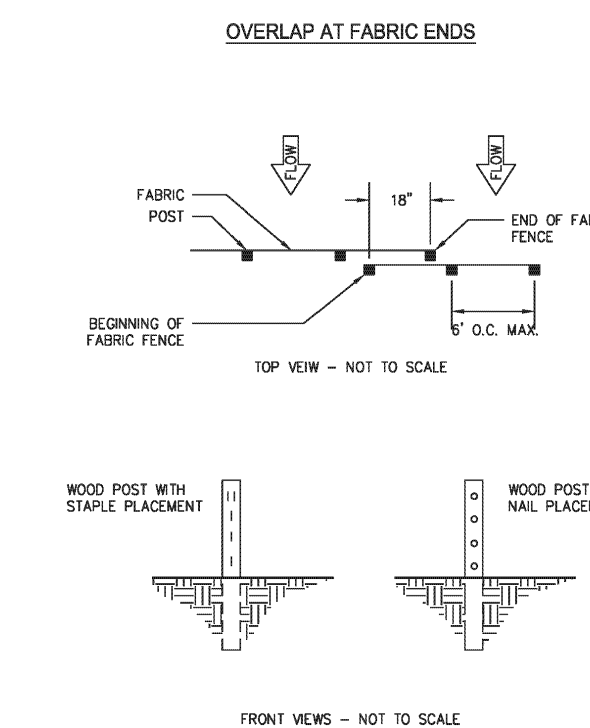
6-141

Type	Min Length	Type of Post	Size of Post
NS	4'	Soft wood Oak Steel	3" dia or 2x4 1.5" x 1.5" 1.15lb./ft. min
S	4'	Steel Oak	1.15-1.25 lb./ft. min 2"x2"

Wire Staples / Post	Gauge	Crown	Legs	Staples / Post
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
Nails	Gauge	Length	Button Heads	Nail/ Post
Nails	14 min.	1"	3/4"	4 min.

Note: Filter Fabric may also be attached to the post by wire, cords, and pockets.

#### FASTENERS FOR SILT FENCES



- NOTES:**
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER.

Figure 6-27.5

6-145

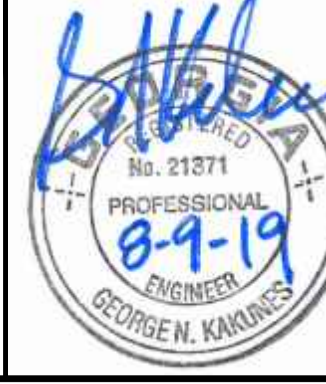
Sd1-NS **SEDIMENT BARRIER SILT FENCE ("TYPE-A")** 10  
(NOT TO SCALE) 56-02

#### MAINTENANCE STATEMENT (Sd1-NS):

SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.

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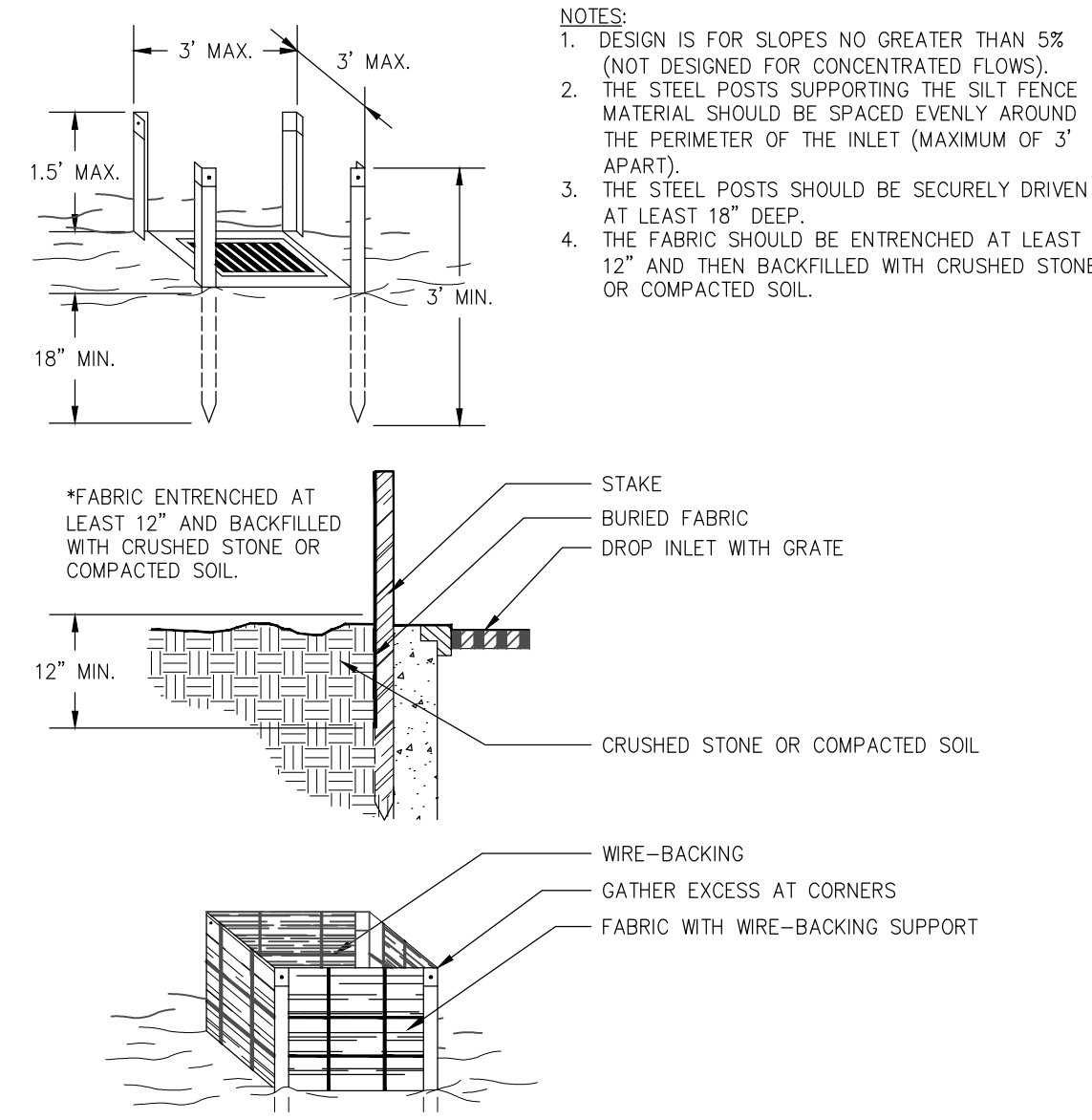
**CITY OF DECATUR**  
EROSION CONTROL  
DETAILS  
DOWNTOWN DECATUR  
STORM SEWER IMPROVEMENTS  
CITY OF DECATUR FUNDED

DRAWING NO.  
**56-02**



# FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

## STEEL FRAME AND SILT FENCE INSTALLATION



**INLET SEDIMENT TRAP (FABRIC & FRAME)**  
Sd2-F (NOT TO SCALE)

11  
56-03

## TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN

If the EXCAVATED INLET SEDIMENT TRAP is used, show the following information:

- Drainage area = \_\_\_\_\_ ac
- Required sediment storage = 67 cy/ac \* drainage area  
Required sediment storage = 67 cy/ac \* \_\_\_\_\_ ac
- Required sediment storage = \_\_\_\_\_ cy = \_\_\_\_\_ cf
- Assume excavation depth (minimum of 1.5 ft) = \_\_\_\_\_ ft
- Assume slope of sides (shall not be steeper than 2:1) = \_\_\_\_\_ :1
- Determine required surface area  
SA<sub>min</sub> = Required sediment storage / excavation depth  
SA<sub>min</sub> = \_\_\_\_\_ cy / \_\_\_\_\_ ft  
SA<sub>min</sub> = \_\_\_\_\_ sf
- Assume shape of excavation and determine dimensions.  
(A rectangular shape with 2:1 length to width ratio is recommended.)  
Shape: \_\_\_\_\_  
Dimensions: l = \_\_\_\_\_ ft w = \_\_\_\_\_ ft diameter (if applicable) = \_\_\_\_\_ ft

Provide a detail showing the depth, length and width, or diameter (if applicable), and side slopes of the excavation.



Figure 6-28.7 Equivalent Inlet Sediment Trap

GSWCC 2016 Edition

6-155

**INLET SEDIMENT TRAP (FABRIC & FRAME ALTERNATIVE)**  
Sd2-E (NOT TO SCALE)

12  
56-03

## CURB INLET FILTER "PIGS IN BLANKET"

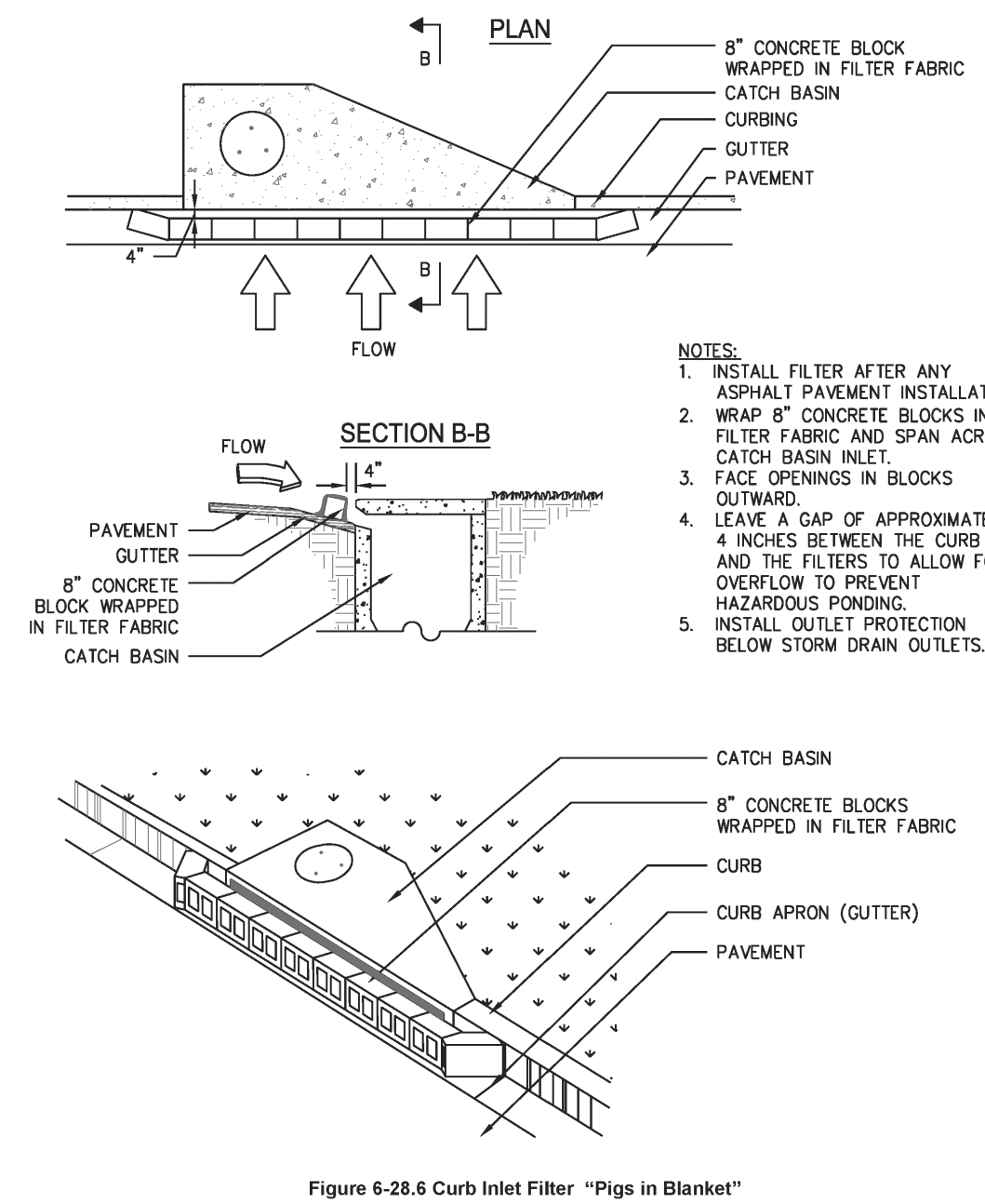


Figure 6-28.6 Curb Inlet Filter "Pigs in Blanket"

6-154

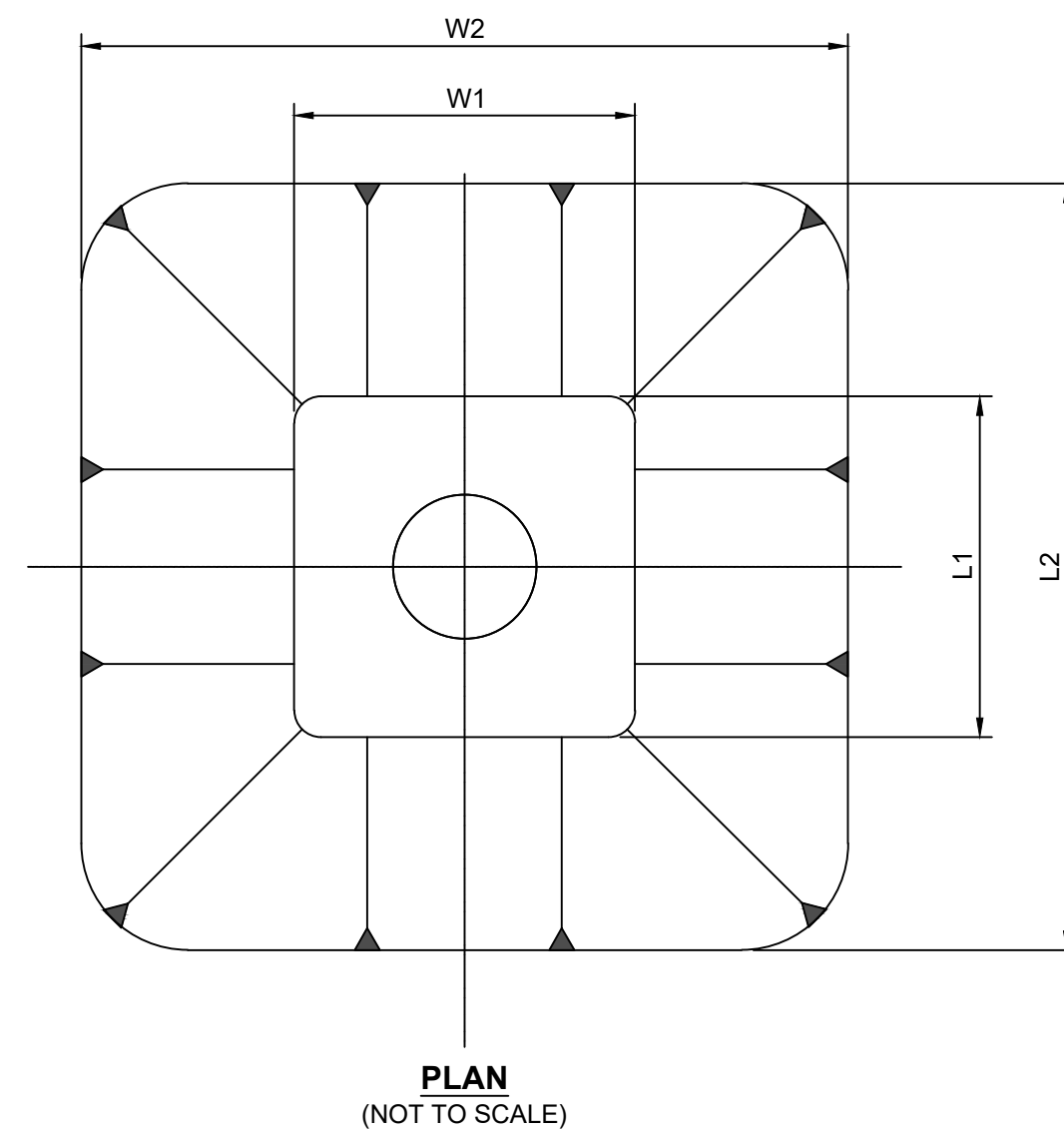
GSWCC 2016 Edition

**INLET SEDIMENT TRAP (PIGS IN BLANKET)**  
Sd2-P (NOT TO SCALE)

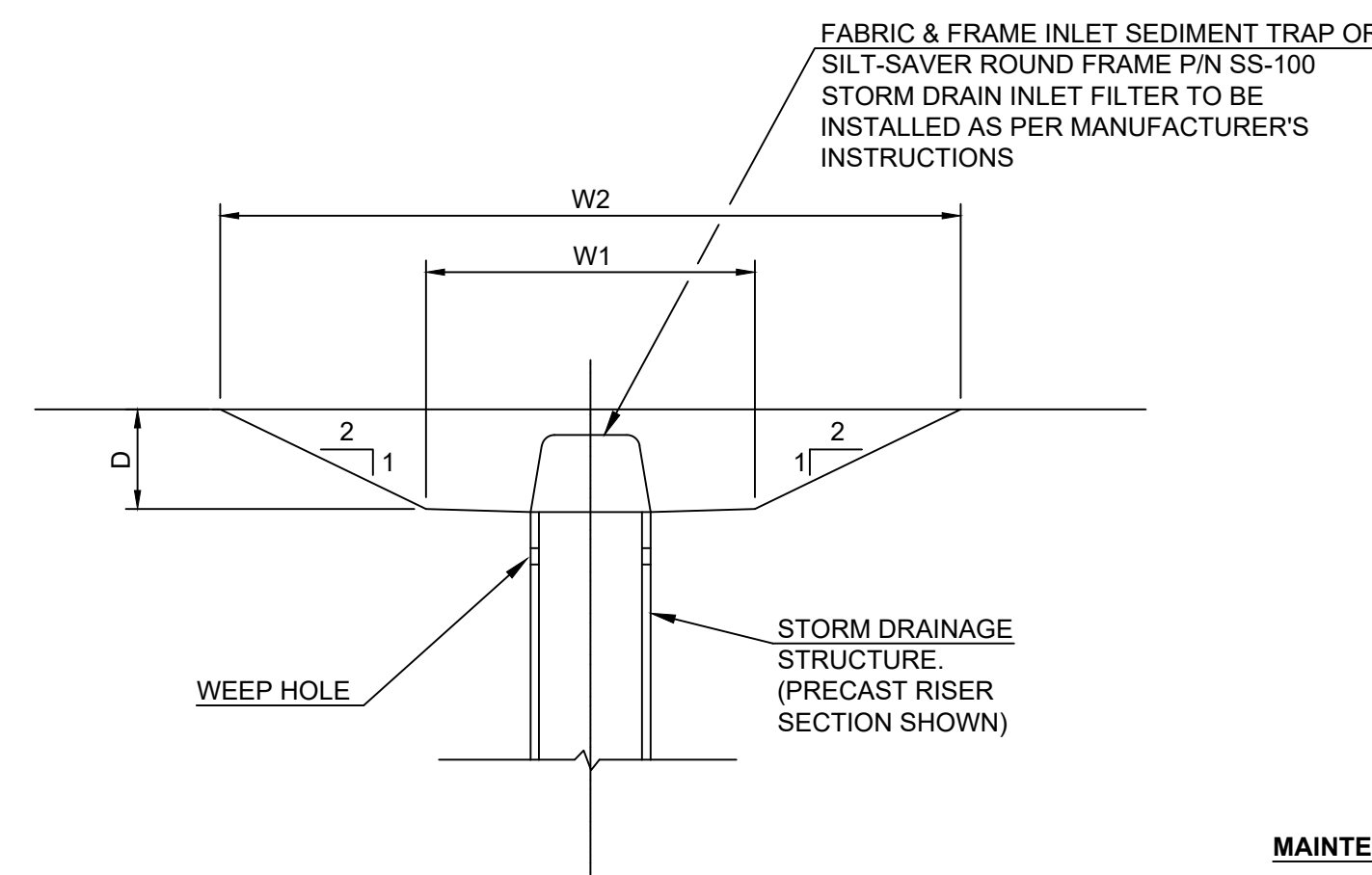
13  
56-03

Inlet Sediment Trap B-2R			
1. Drainage area =	0.23	ac	
2. Required sediment storage = 67 cy/ac * drainage area			
Required sediment storage =	67 cy/ac * 0.23	ac	
Required sediment storage =	15.41	cy =	416.07 cf
3. Assume excavation depth (minimum of 1.5 ft) =	2	ft	
4. Assume slope of sides (shall not be steeper than 2:1)	2	:1	
5. Determine required surface area			
SA <sub>min</sub> = Required sediment storage / excavation depth			
SA <sub>min</sub> =	416.07	cf /	2 ft
SA <sub>min</sub> =	208.035	sf	
6. Assume shape of excavation and determine dimensions. (A rectangular shape with 2:1 length to width ratio is recommended.)			
Shape: square			
Dimensions: l =	11	ft	SA <sub>act</sub> = 361
w =	11	ft	Area Acceptable
Volume Required =	416.07		
Volume Provided =	418		Volume Acceptable

Inlet Sediment Trap B-3R			
1. Drainage area =	0.31	ac	
2. Required sediment storage = 67 cy/ac * drainage area			
Required sediment storage =	67 cy/ac * 0.31	ac	
Required sediment storage =	20.77	cy =	560.79 cf
3. Assume excavation depth (minimum of 1.5 ft) =	2	ft	
4. Assume slope of sides (shall not be steeper than 2:1)	2	:1	
5. Determine required surface area			
SA <sub>min</sub> = Required sediment storage / excavation depth			
SA <sub>min</sub> =	560.79	cf /	2 ft
SA <sub>min</sub> =	280.395	sf	
6. Assume shape of excavation and determine dimensions. (A rectangular shape with 2:1 length to width ratio is recommended.)			
Shape: square			
Dimensions: l =	14	ft	SA <sub>act</sub> = 462
w =	13	ft	Area Acceptable
Volume Required =	560.79		
Volume Provided =	580		Volume Acceptable



PLAN (NOT TO SCALE)



SECTION (NOT TO SCALE)

### MAINTENANCE STATEMENT (Sd2-E, Sd2-F, Sd2-P):

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN EVENT AND REPAIRS MADE AS NEEDED.

SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. **SEDIMENT SHALL NOT BE WASHED INTO THE INLET.** SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.

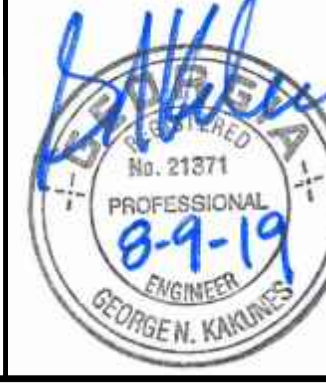
WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

**INLET SEDIMENT TRAP - EXCAVATED**  
Sd2-E (NOT TO SCALE)

14  
56-03

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