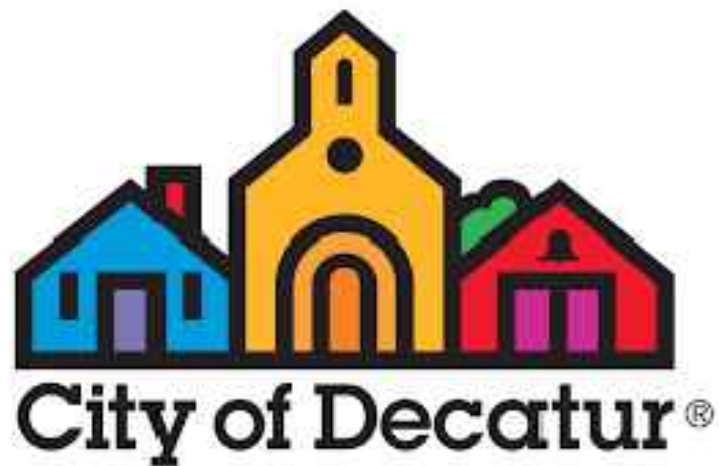
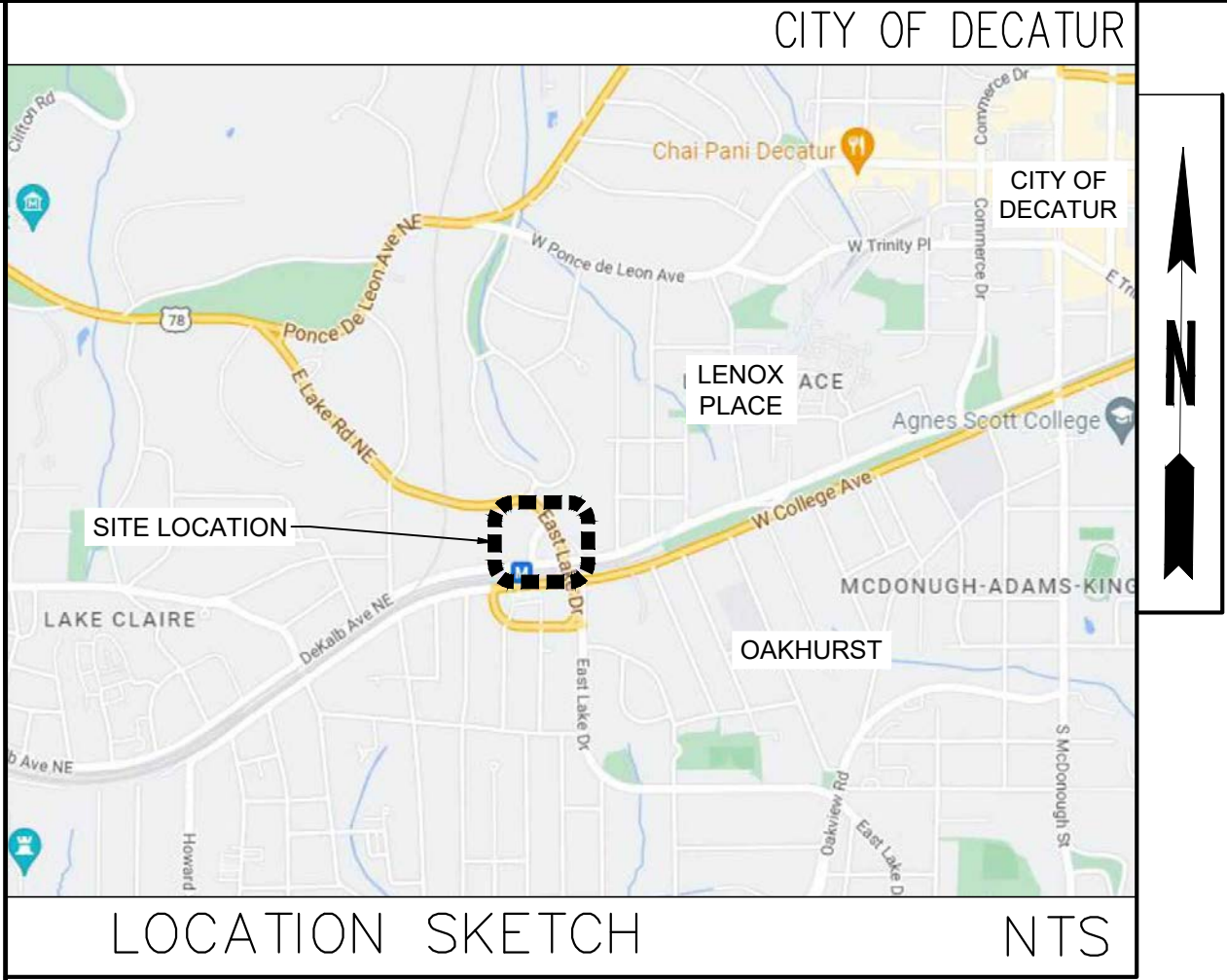


ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	01	41

CITY OF DECATUR
DEPARTMENT OF PUBLIC WORKS
DEKALB COUNTY, GEORGIA

CONSTRUCTION PLANS FOR
EAST LAKE ROAD US 278/SR 10 @ EAST PARKWOOD ROAD
(SPEED LIMIT 35 MPH) INTERSECTION TRAFFIC CALMING IMPROVEMENTS



MAYOR: PATTI GARRETT (DISTRICT 2)
MAYOR PRO TEM: TONY POWERS (AT LARGE COMMISSIONER)
CITY COMMISSIONER: KELLY WALSH (DISTRICT 1)
CITY COMMISSIONER: LESA MAYER (DISTRICT 2)
CITY COMMISSIONER: GEORGE DUSENBURY (DISTRICT 1)
CITY MANAGER: ANDREA ARNOLD
DEPUTY CITY MANAGER: HUGH SAXON

FUNCTIONAL CLASS:
EAST LAKE RD. = MINOR ARTERIAL
EAST PARKWOOD = LOCAL ROAD

THIS PROJECT IS 100% IN DEKALB COUNTY AND
IS 100% IN CONGRESSIONAL DISTRICT NUMBER 5.

LAND DISTRICT NUMBER: 15
LAND LOT: 237

EAST LAKE ROAD SPEED LIMIT: 35 MPH
EAST PARKWOOD SPEED LIMIT: 25 MPH

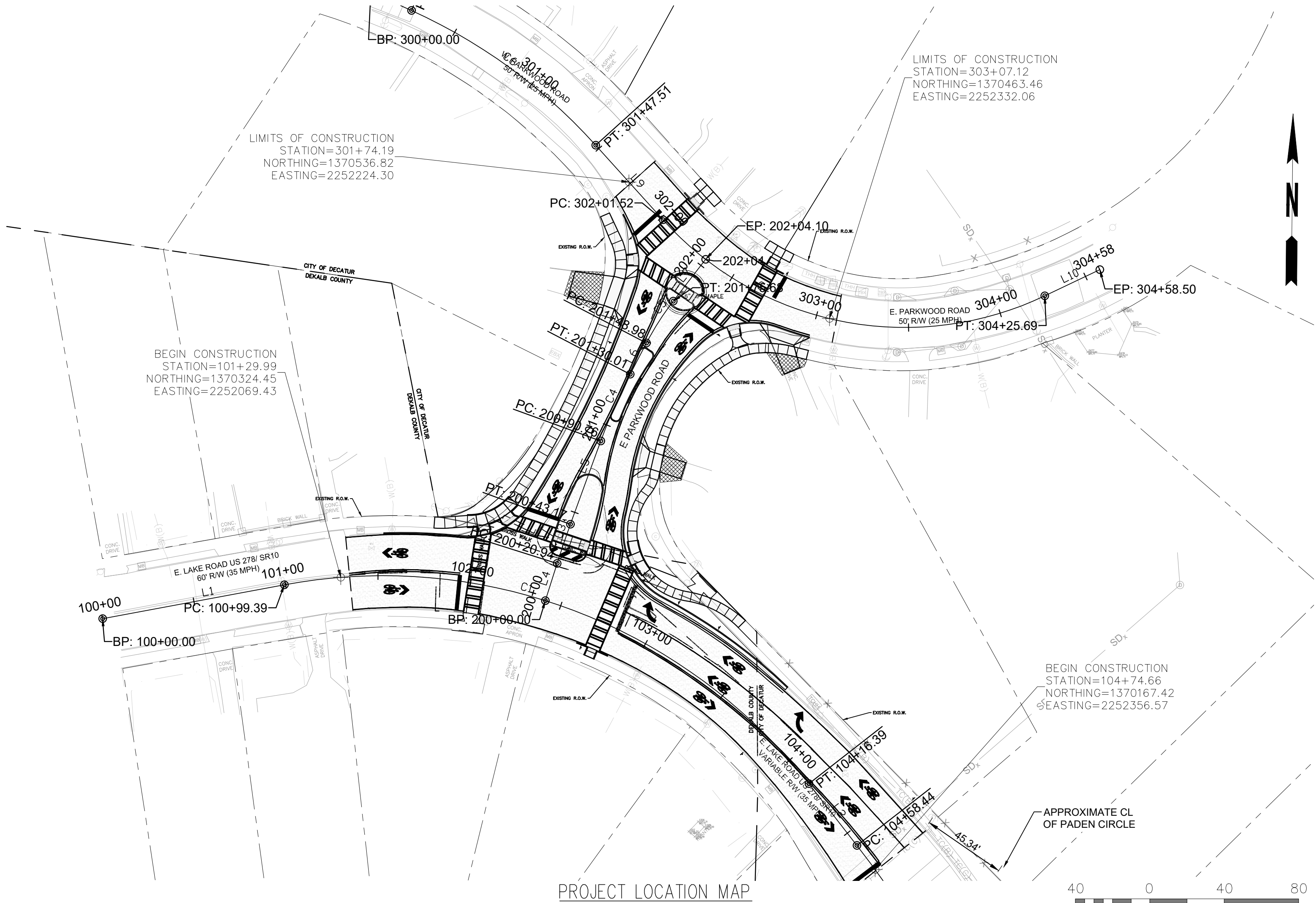
DESIGNED IN ENGLISH UNITS.

THIS PROJECT HAS BEEN PREPARED USING THE
HORIZONTAL GEORGIA COORDINATE SYSTEM OF
(NAD83)/11 WEST ZONE, AND THE NORTH AMERICAN
VERTICAL DATUM (NAVD) OF 1988.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH
TITLE II PROVISIONS OF THE AMERICANS WITH DISABILITY
ACT (ADA).

PROJECT DISTURBED AREA: 12,404 SQ. FT. OR 0.29 ACRES
A NOTICE OF INTENT (NOI) IS NOT REQUIRED BY LAW.

PLANS COMPLETED —	08/31/2023
REVISIONS:	SIDEWALK REVISIONS 04/05/2024



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 DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION
OF BIDDER IS
SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF
THE SPECIFICATIONS.



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

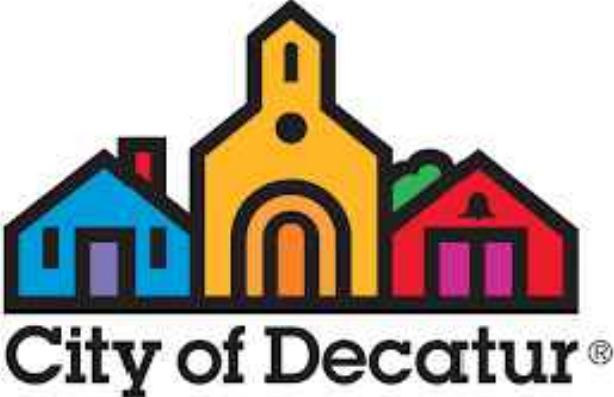
DATA FOR THIS PROJECT WAS ACQUIRED BY
SURVEY BY ATKINS DATED 05-03-2022.

ATKINS

1600 RIVEREDGE PARKWAY, NW, SUITE 700
ATLANTA GEORGIA 30328
PH: 770.933.0280
CERTIFICATE OF AUTHORIZATION #PEF000902
EXPIRATION DATE 06/30/2024

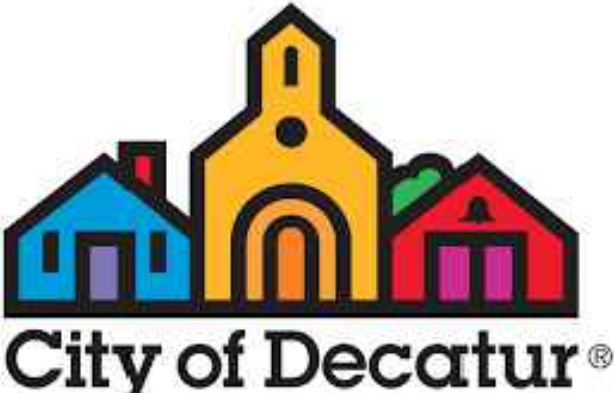
PARKWOOD INTERSECTION TRAFFIC CALMING IMPROVEMENTS	LENGTH OF PROJECT
TOTAL SITE CONSTRUCTION LIMITS ACREAGE	± 0.88 ACRES
TOTAL SITE DISTURBANCE	± 0.34 ACRES
NET LENGTH OF E. PARKWOOD ENTRY RD.	± 205 LINEAR FEET
NET LENGTH OF E. LAKE RD.	± 345 LINEAR FEET
NET LENGTH OF E. PARKWOOD RD.	± 133 LINEAR FEET

CITY OF DECATUR PUBLIC WORKS	
PARKWOOD TRAFFIC CALMING COVER SHEET	
	DRAWING NO.
	01-01

					<table><tr><td>ST</td><td colspan="2">PROJECT NUMBER</td><td>SHEET NO.</td><td>TOTAL SHEETS</td></tr><tr><td>GA</td><td colspan="2">100080043</td><td>02</td><td>40</td></tr></table>		ST	PROJECT NUMBER		SHEET NO.	TOTAL SHEETS	GA	100080043		02	40																																																								
	ST	PROJECT NUMBER		SHEET NO.	TOTAL SHEETS																																																																			
GA	100080043		02	40																																																																				
					<table><tr><th colspan="3">EAST PARKWOOD ROAD INTERSECTION IMPROVEMENTS SHEET INDEX</th></tr><tr><th>SHEET NUMBER</th><th>DRAWING NUMBER</th><th>SHEET DESCRIPTION</th></tr><tr><td>01</td><td>01-01</td><td>COVER SHEET</td></tr><tr><td>02</td><td>02-01</td><td>SHEET INDEX</td></tr><tr><td>03</td><td>03-01</td><td>REVISION SUMMARY</td></tr><tr><td>04</td><td>04-01</td><td>GENERAL NOTES</td></tr><tr><td>05</td><td>05-01</td><td>TYPICAL SECTIONS</td></tr><tr><td>06</td><td>05-02</td><td>TYPICAL SECTIONS</td></tr><tr><td>07</td><td>05-03</td><td>TYPICAL SECTIONS</td></tr><tr><td>08</td><td>06-01</td><td>SUMMARY OF QUANTITIES</td></tr><tr><td>09</td><td>EX-01</td><td>EXISTING CONDITIONS</td></tr><tr><td>10</td><td>DM-01</td><td>DEMOLITION PLAN</td></tr><tr><td>11</td><td>13-01</td><td>MAINLINE PLANS</td></tr><tr><td>12</td><td>13-02</td><td>CURVE AND LINE DATA</td></tr><tr><td>13</td><td>17-01</td><td>DRIVEWAY PROFILES</td></tr><tr><td>14</td><td>18-01</td><td>GRADING AND DRAINAGE PLANS</td></tr><tr><td>15</td><td>26-01</td><td>SIGNING AND MARKING PLANS</td></tr><tr><td>16</td><td>29-01</td><td>LANDSCAPE NOTES</td></tr><tr><td>17</td><td>29-02</td><td>LANDSCAPE PLAN</td></tr><tr><td>18</td><td>29-03</td><td>LANDSCAPE DETAILS</td></tr><tr><td>19</td><td>40-01</td><td>CONSTRUCTION DETAILS</td></tr></table>					EAST PARKWOOD ROAD INTERSECTION IMPROVEMENTS SHEET INDEX			SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION	01	01-01	COVER SHEET	02	02-01	SHEET INDEX	03	03-01	REVISION SUMMARY	04	04-01	GENERAL NOTES	05	05-01	TYPICAL SECTIONS	06	05-02	TYPICAL SECTIONS	07	05-03	TYPICAL SECTIONS	08	06-01	SUMMARY OF QUANTITIES	09	EX-01	EXISTING CONDITIONS	10	DM-01	DEMOLITION PLAN	11	13-01	MAINLINE PLANS	12	13-02	CURVE AND LINE DATA	13	17-01	DRIVEWAY PROFILES	14	18-01	GRADING AND DRAINAGE PLANS	15	26-01	SIGNING AND MARKING PLANS	16	29-01	LANDSCAPE NOTES	17	29-02	LANDSCAPE PLAN	18	29-03	LANDSCAPE DETAILS	19	40-01	CONSTRUCTION DETAILS
EAST PARKWOOD ROAD INTERSECTION IMPROVEMENTS SHEET INDEX																																																																								
SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION																																																																						
01	01-01	COVER SHEET																																																																						
02	02-01	SHEET INDEX																																																																						
03	03-01	REVISION SUMMARY																																																																						
04	04-01	GENERAL NOTES																																																																						
05	05-01	TYPICAL SECTIONS																																																																						
06	05-02	TYPICAL SECTIONS																																																																						
07	05-03	TYPICAL SECTIONS																																																																						
08	06-01	SUMMARY OF QUANTITIES																																																																						
09	EX-01	EXISTING CONDITIONS																																																																						
10	DM-01	DEMOLITION PLAN																																																																						
11	13-01	MAINLINE PLANS																																																																						
12	13-02	CURVE AND LINE DATA																																																																						
13	17-01	DRIVEWAY PROFILES																																																																						
14	18-01	GRADING AND DRAINAGE PLANS																																																																						
15	26-01	SIGNING AND MARKING PLANS																																																																						
16	29-01	LANDSCAPE NOTES																																																																						
17	29-02	LANDSCAPE PLAN																																																																						
18	29-03	LANDSCAPE DETAILS																																																																						
19	40-01	CONSTRUCTION DETAILS																																																																						
					<table><tr><th colspan="3">GEORGIA DOT CONSTRUCTION DETAILS</th></tr><tr><th>SHEET NUMBER</th><th>DRAWING NUMBER</th><th>SHEET DESCRIPTION</th></tr><tr><td>20</td><td>A1</td><td>DRIVEWAYS W. TAPERED ENTRANCES - CONCRETE VALLEY GUTTERS, (03/2002)</td></tr><tr><td>21</td><td>A3</td><td>CONCRETE SIDEWALKS DETAILS AT CURB CUT, (03/2002)</td></tr><tr><td>22</td><td>A4</td><td>DETECTABLE WARNING SURFACE W. TRUNCATED DOME, (03/2002)</td></tr><tr><td>23</td><td>T-1</td><td>DETAILS OF SIGN PLATES, (1/2000)</td></tr><tr><td>24</td><td>T-2</td><td>DETAILS FOR TYPICAL FRAMING, (1/2000)</td></tr><tr><td>25</td><td>T-3A</td><td>TYPE 7, 8, AND 9 SQUARE TUBE POST INSTALLATION DETAIL, (7/2002)</td></tr><tr><td>26</td><td>T-11A</td><td>PAVEMENT MARKING PLACEMENT NON-LIMITED ACCESS ROADWAY, (01/2000)</td></tr><tr><td>27</td><td>T-12A</td><td>PAVEMENT MARKING ARROW LOCATION, (01/2000)</td></tr><tr><td>28</td><td>T-12B</td><td>PAVEMENT MARKINGS - ARROWS, (04/2000)</td></tr><tr><td>29</td><td>T-14</td><td>DETAIL OF PAVEMENT MARKING HATCHING (01/2000)</td></tr><tr><td>30</td><td>T-15A</td><td>RAISED PAVEMENT MARKER LOCATION NON-LIMITED ACCESS ROADWAY (06/2015)</td></tr><tr><td>31</td><td>T-15C</td><td>DETAILS OF RAISED PAVEMENT MARKINGS (01/2000)</td></tr><tr><td>32</td><td>T-16A</td><td>SHARED BICYCLE LANE, (03/2016)</td></tr></table>					GEORGIA DOT CONSTRUCTION DETAILS			SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION	20	A1	DRIVEWAYS W. TAPERED ENTRANCES - CONCRETE VALLEY GUTTERS, (03/2002)	21	A3	CONCRETE SIDEWALKS DETAILS AT CURB CUT, (03/2002)	22	A4	DETECTABLE WARNING SURFACE W. TRUNCATED DOME, (03/2002)	23	T-1	DETAILS OF SIGN PLATES, (1/2000)	24	T-2	DETAILS FOR TYPICAL FRAMING, (1/2000)	25	T-3A	TYPE 7, 8, AND 9 SQUARE TUBE POST INSTALLATION DETAIL, (7/2002)	26	T-11A	PAVEMENT MARKING PLACEMENT NON-LIMITED ACCESS ROADWAY, (01/2000)	27	T-12A	PAVEMENT MARKING ARROW LOCATION, (01/2000)	28	T-12B	PAVEMENT MARKINGS - ARROWS, (04/2000)	29	T-14	DETAIL OF PAVEMENT MARKING HATCHING (01/2000)	30	T-15A	RAISED PAVEMENT MARKER LOCATION NON-LIMITED ACCESS ROADWAY (06/2015)	31	T-15C	DETAILS OF RAISED PAVEMENT MARKINGS (01/2000)	32	T-16A	SHARED BICYCLE LANE, (03/2016)																		
GEORGIA DOT CONSTRUCTION DETAILS																																																																								
SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION																																																																						
20	A1	DRIVEWAYS W. TAPERED ENTRANCES - CONCRETE VALLEY GUTTERS, (03/2002)																																																																						
21	A3	CONCRETE SIDEWALKS DETAILS AT CURB CUT, (03/2002)																																																																						
22	A4	DETECTABLE WARNING SURFACE W. TRUNCATED DOME, (03/2002)																																																																						
23	T-1	DETAILS OF SIGN PLATES, (1/2000)																																																																						
24	T-2	DETAILS FOR TYPICAL FRAMING, (1/2000)																																																																						
25	T-3A	TYPE 7, 8, AND 9 SQUARE TUBE POST INSTALLATION DETAIL, (7/2002)																																																																						
26	T-11A	PAVEMENT MARKING PLACEMENT NON-LIMITED ACCESS ROADWAY, (01/2000)																																																																						
27	T-12A	PAVEMENT MARKING ARROW LOCATION, (01/2000)																																																																						
28	T-12B	PAVEMENT MARKINGS - ARROWS, (04/2000)																																																																						
29	T-14	DETAIL OF PAVEMENT MARKING HATCHING (01/2000)																																																																						
30	T-15A	RAISED PAVEMENT MARKER LOCATION NON-LIMITED ACCESS ROADWAY (06/2015)																																																																						
31	T-15C	DETAILS OF RAISED PAVEMENT MARKINGS (01/2000)																																																																						
32	T-16A	SHARED BICYCLE LANE, (03/2016)																																																																						
					<table><tr><th colspan="3">GEORGIA DOT STANDARDS</th></tr><tr><th>SHEET NUMBER</th><th>DRAWING NUMBER</th><th>SHEET DESCRIPTION</th></tr><tr><td>33</td><td>9100</td><td>TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, MISCELLANEOUS DETAILS, (8/1999)</td></tr><tr><td>34</td><td>9102</td><td>TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON TWO LANE HIGHWAY, (7-2002)</td></tr><tr><td>35</td><td>9032B</td><td>CONCRETE CURB, GUTTER AND MEDIANS, (10/2011)</td></tr></table>					GEORGIA DOT STANDARDS			SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION	33	9100	TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, MISCELLANEOUS DETAILS, (8/1999)	34	9102	TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON TWO LANE HIGHWAY, (7-2002)	35	9032B	CONCRETE CURB, GUTTER AND MEDIANS, (10/2011)																																																
GEORGIA DOT STANDARDS																																																																								
SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION																																																																						
33	9100	TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, MISCELLANEOUS DETAILS, (8/1999)																																																																						
34	9102	TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON TWO LANE HIGHWAY, (7-2002)																																																																						
35	9032B	CONCRETE CURB, GUTTER AND MEDIANS, (10/2011)																																																																						
					<table><tr><th colspan="3">EROSION, SEDIMENT, POLLUTION CONTROL PLAN INDEX</th></tr><tr><th>SHEET NUMBER</th><th>DRAWING NUMBER</th><th>SHEET DESCRIPTION</th></tr><tr><td>36</td><td>51-01</td><td>ESPC GENERAL NOTES</td></tr><tr><td>37</td><td>54-01</td><td>ESPC PLAN - INITIAL PHASE</td></tr><tr><td>38</td><td>54-02</td><td>ESPC PLANS - INTERMEDIATE AND FINAL PHASE</td></tr><tr><td>39</td><td>56-01</td><td>ESPC DETAILS</td></tr><tr><td>40</td><td>56-02</td><td>ESPC DETAILS</td></tr><tr><td>41</td><td>56-03</td><td>ESPC DETAILS</td></tr></table>					EROSION, SEDIMENT, POLLUTION CONTROL PLAN INDEX			SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION	36	51-01	ESPC GENERAL NOTES	37	54-01	ESPC PLAN - INITIAL PHASE	38	54-02	ESPC PLANS - INTERMEDIATE AND FINAL PHASE	39	56-01	ESPC DETAILS	40	56-02	ESPC DETAILS	41	56-03	ESPC DETAILS																																							
EROSION, SEDIMENT, POLLUTION CONTROL PLAN INDEX																																																																								
SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION																																																																						
36	51-01	ESPC GENERAL NOTES																																																																						
37	54-01	ESPC PLAN - INITIAL PHASE																																																																						
38	54-02	ESPC PLANS - INTERMEDIATE AND FINAL PHASE																																																																						
39	56-01	ESPC DETAILS																																																																						
40	56-02	ESPC DETAILS																																																																						
41	56-03	ESPC DETAILS																																																																						
				ATKINS Member of the SNC-Lavalin Group Atkins North America, Inc 1600 RiverEdge Parkway NW, Ste. 700 Atlanta, GA 30328 Tel: (770)933-0280 Certificate of Authorization #LSF000120 Certificate of Authorization #PEF000902 Expiration Date 06/30/2024	 LANDSCAPE ARCHITECTURE NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK	<table><tr><th colspan="2">REVISION DATES</th></tr><tr><td>04/05/24</td><td>SIDEWALK REV.</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	REVISION DATES		04/05/24	SIDEWALK REV.									CITY OF DECATUR PUBLIC WORKS PARKWOOD TRAFFIC CALMING SHEET INDEX <table><tr><td>CHECKED:</td><td>R.R.</td><td>DATE:</td><td></td><td rowspan="4">DRAWING NO.</td></tr><tr><td>BACKCHECKED:</td><td>R.R.</td><td>DATE:</td><td></td></tr><tr><td>CORRECTED:</td><td>K.F.</td><td>DATE:</td><td></td></tr><tr><td>VERIFIED:</td><td>R.R.</td><td>DATE:</td><td></td></tr></table>				CHECKED:	R.R.	DATE:		DRAWING NO.	BACKCHECKED:	R.R.	DATE:		CORRECTED:	K.F.	DATE:		VERIFIED:	R.R.	DATE:																																		
						REVISION DATES																																																																		
04/05/24	SIDEWALK REV.																																																																							
CHECKED:	R.R.	DATE:		DRAWING NO.																																																																				
BACKCHECKED:	R.R.	DATE:																																																																						
CORRECTED:	K.F.	DATE:																																																																						
VERIFIED:	R.R.	DATE:																																																																						
					02-01																																																																			

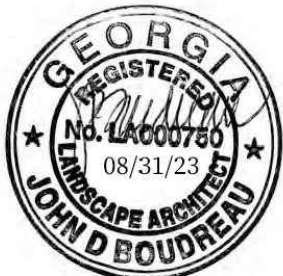
Apr 5, 2024 - 2:23pm
N:\100065824 - City of Decatur_Parkwood Traffic Calming\CAD\02 INDEX.dwg

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	03	41

[illegible][illegible]

ATKINS

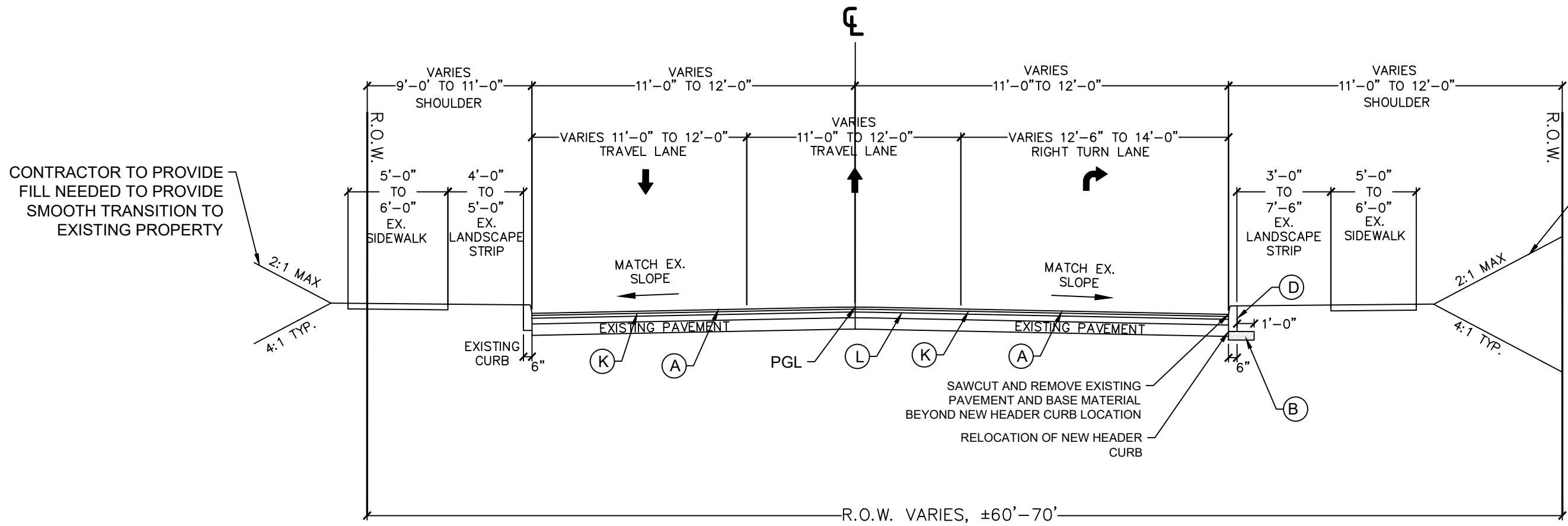
Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280



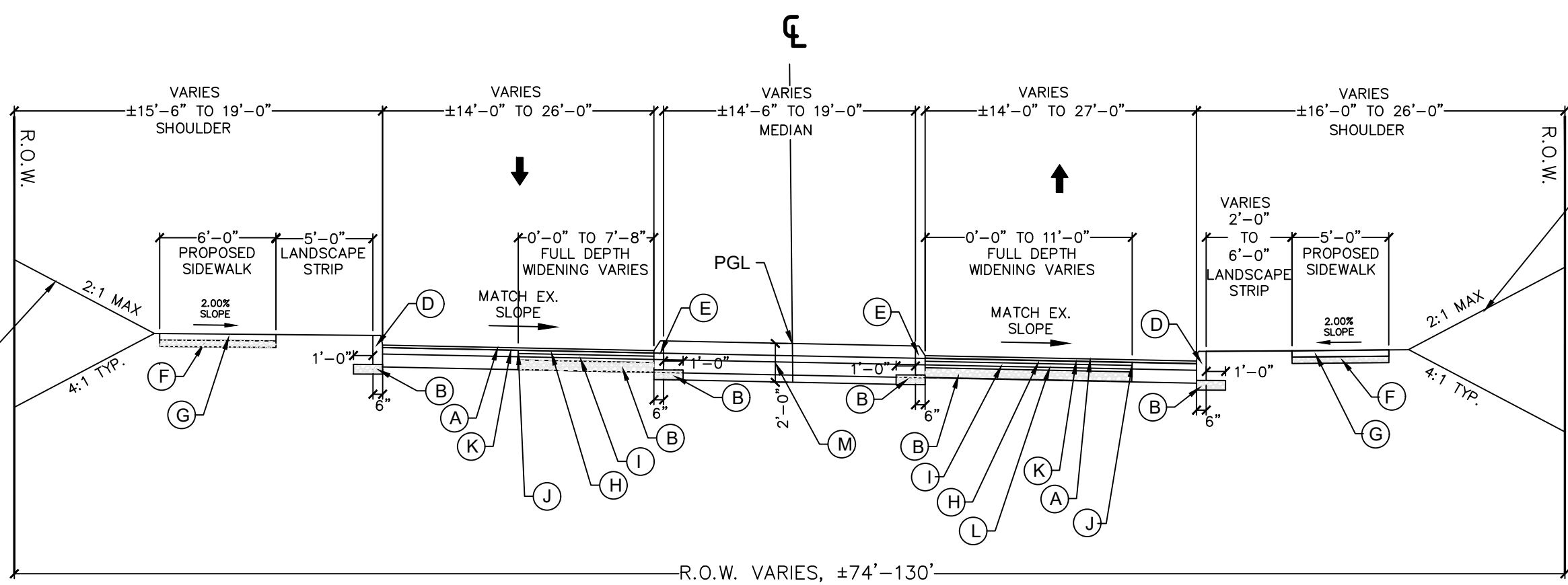
LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES		CITY OF DECATUR PUBLIC WORKS				
04/05/24	SIDEWALK REV.					
		PARKWOOD TRAFFIC CALMING REVISION SUMMARY				
		CHECKED:	R.R.	DATE:		DRAWING NO.
		BACKCHECKED:	R.R.	DATE:		03-01
		CORRECTED:	K.F.	DATE:		
		VERIFIED:	R.R.	DATE:		

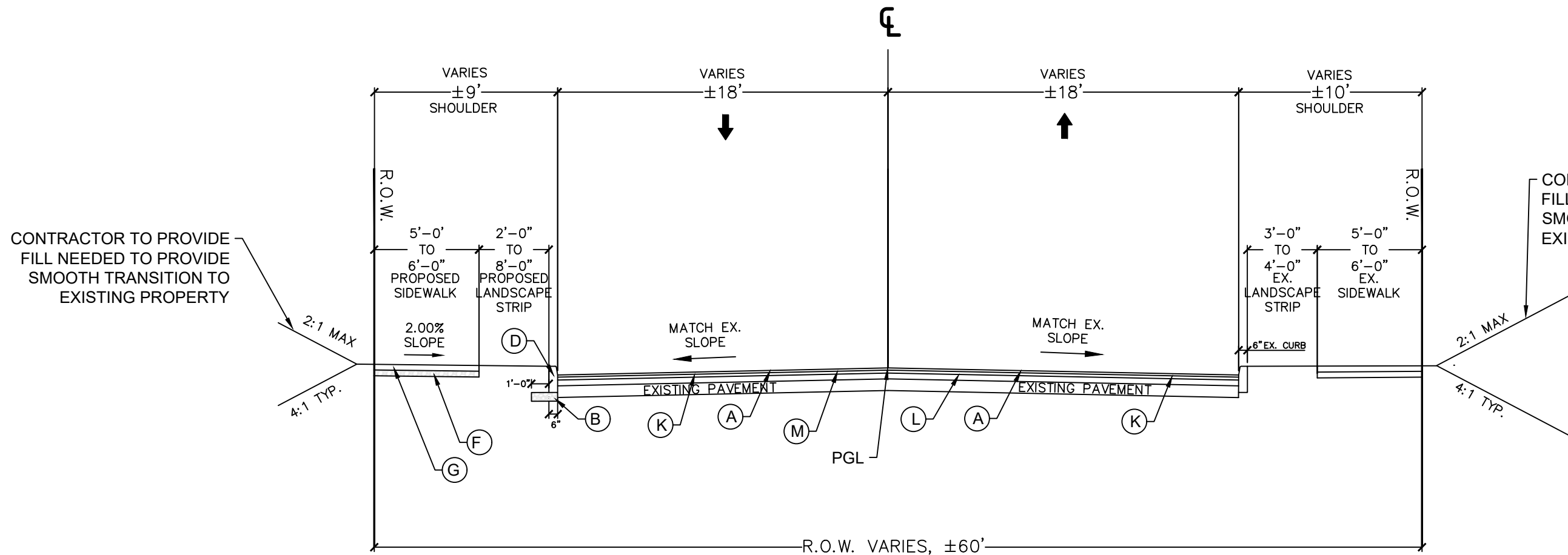
		ST		PROJECT NUMBER		SHEET NO.		TOTAL SHEETS	
		GA		100080043		04		41	
GENERAL NOTES:		GRADING AND DRAINAGE NOTES:		PROJECT SPECIFIC NOTES:					
1. ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH GDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF TRANSPORTATION SYSTEMS, 2021 EDITION. 2. CONTRACTOR SHALL NOTIFY CALL-BEFORE-YOU-DIG PHONE # 811 AND HAVE UTILITY LOCATOR SERVICE LOCATE ALL UTILITIES IN PROJECT AREA PRIOR TO BEGINNING CONSTRUCTION. 3. THE EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND PAY FOR ALL RELOCATION AND/OR RECONSTRUCTION OF EXISTING UTILITIES NECESSARY TO PERFORM THE WORK AS SHOWN ON THE PLANS. 5. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARING THE MEASUREMENTS TO MANAGE TRAFFIC DURING CONSTRUCTION ACTIVITIES. THE PLAN SHALL CONFORM TO THE 2021 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICE AND GDOT SPECIFICATIONS ISO. ANY LANE CLOSURES MUST BE APPROVED BY AND COORDINATED WITH THE CITY PUBLIC WORKS DEPARTMENT. LANE CLOSURES WILL REQUIRE PROPER LANE TAPERS AND ADVANCE WARNINGS PER GEORGIA DOT STANDARDS. 6. CONTRACTOR IS TO PROVIDE TEMPORARY WALKS, TEMPORARY SIGNS, AND/OR OTHER MEANS AS NECESSARY TO INSURE SAFETY AND UNINTERRUPTED OF FLOW OF PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES DURING CONSTRUCTION. 7. SIGNAL, MARKING AND TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. 8. 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. 9. 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. 10. 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. 11. ALL EXISTING MANHOLES, VALVES, WATER METERS, FIRE HYDRANTS, SURVEY POINTS/BENCH MARKS ETC., AND OTHER UTILITIES LOCATED WITHIN THE AREAS WHERE THE PROJECT LIMITS 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. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ADJUSTMENTS AND RELOCATIONS WITH UTILITY OWNERS. 12. ALL DRAINAGE STRUCTURES AND PIPES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED. 13. CONTRACTOR IS TO PROVIDE SHOP DRAWINGS FOR ALL PROPOSED COMPONENTS INCLUDING ALL SITE FURNISHINGS, RAILINGS, BENCHES, WASTE RECEPTACLES, BIKE RACKS, BIKE REPAIR STATION, AND SIGNS FOR APPROVAL BY LANDSCAPE ARCHITECT. 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL TESTING IN ACCORDANCE WITH THE GDOT SAMPLING, TESTING, AND INSPECTION GUIDE.		1. ALL STRUCTURAL FILL AREAS TO BE CONSTRUCTED IN ACCORDANCE WITH GDOT STANDARDS. 2. IF EXCAVATED MATERIAL IS UNSUITABLE FOR COMPACTION, AS DETERMINED BY THE SOILS TESTING LABORATORY. THE CONTRACTOR SHALL FURNISH SUITABLE BORROW. 3. CUT OR FILL, SHALL BE GRADED AS NOTED, OR INDICATED IN TYPICAL SECTIONS, PROFILES, AND CROSS SECTIONS. 4. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE OF SURFACE WATER FROM ALL PAVING AND PLANTED AREAS. ALL NEW CURB AND GUTTER AND PAVED AREAS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. 5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL SURFACE AND GROUNDWATER CONTROL MEASURES. 6. GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN, ABRUPT CHANGES IN SLOPES SHALL BE WELL ROUNDED, MAXIMUM SLOPES SHALL COMPLY WITH ADA GUIDELINES. 7. ALL SILT BARRIERS SHALL BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL THE TREE PROTECTION AND SILT BARRIERS ARE IN PLACE. 8. EXISTING TREES SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. CARE SHALL BE TAKEN IN ALL GRADING ACTIVITIES TO REMAIN OUTSIDE THE DRIP LINES OF EXISTING TREES. ALL TREE PROTECTION/SILT FENCING TO BE INSPECTED DAILY AND REPLACED OR REPAIRED AS NEEDED. 9. ALL SOILS UNDERCUTTING, OVER EXCAVATION AND UNDERDRAIN INSTALLATION SHALL BE DETERMINED AND DIRECTED BY THE SOILS ENGINEER. 10. EXISTING DRAINAGE STRUCTURES THAT ARE AFFECTED WITH THE PROJECT ARE TO BE INSPECTED AND REPAIRED AS NEEDED. EXISTING PIPES TO REMAIN ARE TO BE CLEANED OUT OF ALL SILT AND DEBRIS. PRICE IS TO BE INCLUDED IN "GRADING COMPLETE". 11. THE CONTOUR INTERVAL IS ONE FOOT OR AS SHOWN. 12. THE ELEVATION OF MANHOLE/INLET TOPS ARE TO BE AT THE FINISHED ELEVATION OF THE PAVEMENT. THE DEFINITION OF THE TYPE OF TOP IS AS LISTED: WEIR INLET - THROAT - THE ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX. DROP INLET - GRATE - THE TOP MOST PART OF THE FRAME AND GRATE. CATCH BASIN - THROAT - THE ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX. MANHOLE - TOP - THE TOP MOST PART OF THE RIM AND COVER CASTINGS. 13. THE CONTRACTOR SHALL PROVIDE TO THE CITY RECORD DRAWINGS OF AS-BUILT CONDITIONS AT THE COMPLETION OF THIS PROJECT, INCLUDING DRAINAGE INVERTS AND ADJUSTED STORM PROFILES. 14. UTILITY TRENCHES SHALL BE DEWATERED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND THE SPECIFICATIONS, APPROVED MEASURES SHALL BE TAKEN TO INSURE THE PROPER INSTALLATION OF THE PIPING SYSTEM. THE CONTRACTOR SHALL HOLD THE OWNER AND THE ENGINEER HARMLESS FOR ADDITIONAL COSTS FOR DE-WATERING AND BACKFILL LABOR AND MATERIALS. CONTRACTOR IS TO PROVIDE GEOTECHNICAL SERVICES. 15. EXISTING CONTOUR AND SURVEY INFORMATION IS FOR REFERENCE USE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING UNDERGROUND UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND DEMOLITION. 16. AS PART OF GRADING COMPLETE, THE CONTRACTOR IS RESPONSIBLE TO BRING ON SITE ALL NECESSARY FILL MATERIAL TO CONSTRUCT THE PROJECT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL OF EXCESS MATERIAL OFF SITE. 17. THE PROJECT DISTURBED AREA EQUALS .29 ACRES. A NOTICE OF INTENT (NOI) IS NOT REQUIRED BY LAW.		1. 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 ALL AREAS WITHIN THE PROJECT LIMITS TO BE FINE GRADED AS OUTLINED IN SPECIFICATIONS. THE COSTS FOR AND SAWCUT OF PAVEMENT (ASPHALT AND CONCRETE) TO INCLUDED IN THE BID PRICE FOR 'GRADING COMPLETE'. 2. UTILITY WORK COORDINATION WILL BE REQUIRED AS A PART OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR USING THE CALL-BEFORE-YOU-DIG PHONE # 811 PRIOR TO THE START OF WORK FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. 3. AT LOCATIONS WHERE NEW PAVEMENT OR NEW CURB IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY, A JOINT SHALL BE SAWED ON A LINE ESTABLISHED BY THE CITY ENGINEER TO ENSURE PAVEMENT REMOVAL TO A NEAT LINE. A NEAT EDGE WILL BE INCLUDED IN GRADING COMPLETE - LUMP SUM. 4. CLEARING AND GRUBBING ON THIS PROJECT IS LIMITED TO THE ACTUAL CONSTRUCTION LIMITS. NO CLEARING AND GRUBBING BEYOND CONSTRUCTION LIMITS UNLESS DIRECTED BY THE CITY 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. 5. 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 CITY ENGINEER. 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. 6. FIELD CHANGES DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION COMMENCING. 7. CONTRACTOR IS RESPONSIBLE TO REMOVE AND DISPOSE OF OFF SITE ANY DEBRIS, VEGETATION, STUMPS, ROCKS, ETC. 8. EROSION CONTROL DRAWINGS INCLUDED IN THIS SET ARE FOR ALL PHASES OF THE PROJECT. EROSION CONTROL BMP'S (I.E. SILT FENCE, INLET SEDIMENT TRAPS, ETC.) MAY BE LEFT IN PLACE AFTER COMPLETION OF THE PRIOR PHASE OF WORK.. THE CONTRACTOR SHALL PERFORM A SITE INSPECTION TO DETERMINE THE LOCATION AND CONDITION OF REMAINING BMP'S. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED EXITING BMP'S AND INSTALL ANY ADDITIONAL BMP'S REQUIRED TO COMPLETE THE PROPOSED SCOPE OF WORK.EROSION CONTROL MEASURES NOT REQUIRED MAY BE DEDUCTED FROM THE CONTRACT BY THE CITY OR LANDSCAPE ARCHITECT. 9. THE CONTRACTOR SHALL PROVIDE TO THE CITY RECORD DRAWINGS OF AS-BUILT CONDITIONS FOR ALL PROPOSED SITE IMPROVEMENTS INCLUDED AS PART OF THIS BID PHASE. THESE INCLUDE BUT ARE NOT LIMITED TO: STORM STRUCTURES (TOP AND INVERTS),AND UTILITIES. 10. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND GEO-TECHNICAL TESTING PER GDOT STANDARDS AND SPECIFICATIONS; TEST RESULTS SHALL BE PROVIDED TO OWNER AND ENGINEER FOR REVIEW AND APPROVAL. 11. ANY AND ALL IRRIGATION HEADS, BACK FLOW PREVENTERS, VALVES, AND PIPES IMPACTED BY CONSTRUCTION OF THE WALK OR WALLS SHALL BE COORDINATED AND RELOCATED BY THE CONTRACTOR AND WILL BE PART OF THE WORK IN THIS PROJECT. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR 'GRADING COMPLETE'. 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL SITE DEBRIS (LANDSCAPE PLANTING, EXISTING TREES, ROCKS, ETC) TO CONSTRUCT PROPOSED TRAIL. 13. THE COST FOR REMOVAL AND DISPOSAL OF EXISTING CONCRETE, EXISTING ASPHALT PAVEMENT, EXISTING GRAVEL, TREE AND STUMP REMOVAL, EXISTING CONSTRUCTION DEBRIS ITEMS, AND GRADING ACTIVITIES SHALL BE INCLUDED IN THE BID PRICE FOR 'GRADING COMPLETE'. 14. ALL SAWED JOINTS IN EXISTING PAVEMENT COST SHALL BE INCLUDED IN GRADING COMPLETE. 15. A SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION HAS NOT BEEN PERFORMED AT THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A GEOTECHNICAL REPORT BY A GDOT PREQUALIFIED GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF GEORGIA. THE REPORT SHALL PROVIDE PAVEMENT INVESTIGATION OF THE FOLLOWING AREAS: 1. EAST LAKE ROAD- PROVIDE A MINIMUM OF TWO (2) PAVEMENT CORINGS. 2. PARKWOOD ROAD- PROVIDE A MINIMUM OF FOUR (4) EQUALLY SPACED CORINGS FOR THE DRIVE IMPROVEMENTS. ALL BORING LOCATIONS AND FINDINGS TO BE PROVIDED BY GEOTECHNICAL ENGINEER IN FINAL REPORT. 16. EXISTING INFORMATION AND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE INFORMATION AND LOCATIONS GIVEN ON THE DRAWINGS IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION ACTIVITIES, IF ANY DISCREPANCIES ARE FOUND.					
LAYOUT NOTES:									
1. ALL DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE ELEMENTS FROM WHICH THEY ARE MEASURED, UNLESS OTHERWISE INDICATED ON DRAWINGS. 2. ANY DEVIATION FROM THESE DRAWINGS TO BE MADE IN THE FIELD DURING CONSTRUCTION SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION AND THEN RECORDED ON "AS BUILT" DRAWINGS. 3. REPORT ALL THE FIELD LAYOUT DISCREPANCIES IMMEDIATELY TO LANDSCAPE ARCHITECT. CONTRACTOR TO VERIFY THAT ALL DIMENSIONS WORK IN THE FIELD PRIOR TO CONSTRUCTION. CONTRACTOR TO STAKE IN CENTERLINE OF SIGNS, FENCING, AND WALLS TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. 4. DO NOT SCALE FROM DRAWINGS. 5. ALL PAVED AREAS ARE TO BE CONSTRUCTED IN SUCH A MANNER AS TO PREVENT PONDING OF WATER AND ALLOW FOR POSITIVE DRAINAGE. SIDEWALKS AND TRAIL SHALL BE CONSTRUCTED IN SUCH A MANNER THAT PROVIDES POSITIVE DRAINAGE. MAXIMUM SLOPE ON SIDEWALKS AND TRAIL SHALL BE 2% UNLESS OTHERWISE NOTED ON DRAWINGS, AND SHALL SLOPE AWAY FROM BUILDINGS. 6. AT LOCATIONS WHERE NEW PAVEMENT OR NEW CURB IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY, A JOINT SHALL BE SAWED 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. 7. 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. 8. 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 ENGINEER. 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.									



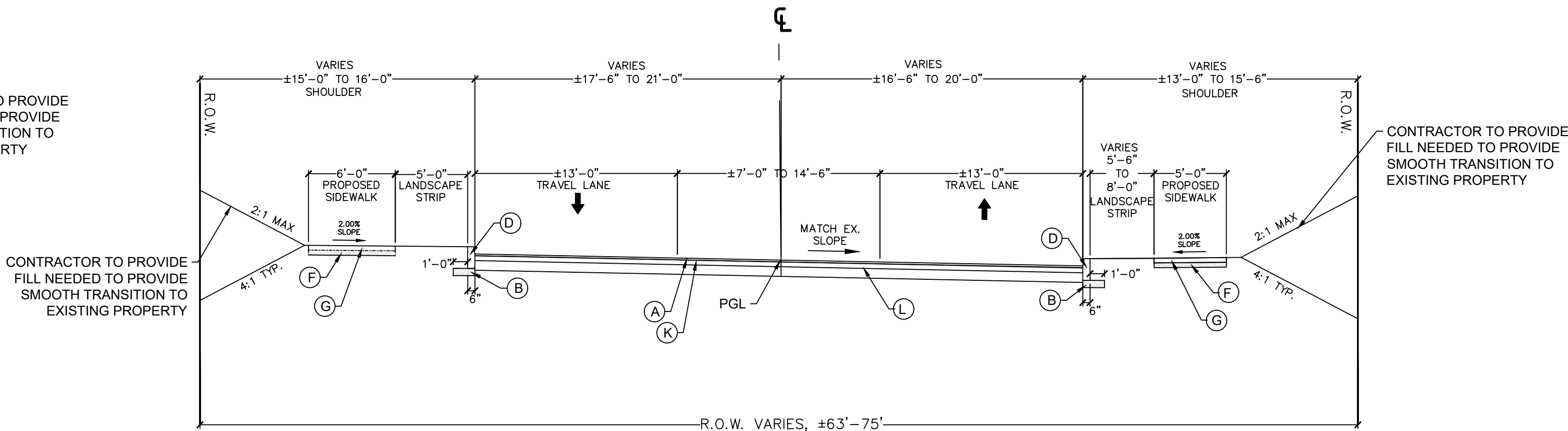
PROPOSED TYPICAL STREET SECTION
EAST LAKE ROAD/US 278/SR 10
STA 103+70.98 TO STA 103+33.45



PROPOSED TYPICAL STREET SECTION
PARKWOOD DRIVEWAY
STA 200+26.00 TO STA 200+68.16



PROPOSED TYPICAL STREET SECTION
EAST LAKE ROAD/US 278/SR 10
STA 101+28.24 TO STA 104+74.69



PROPOSED TYPICAL STREET SECTION
PARKWOOD DRIVEWAY
STA 200+68.16 TO STA 201+00.00

PAVEMENT MATERIAL SCHEDULE

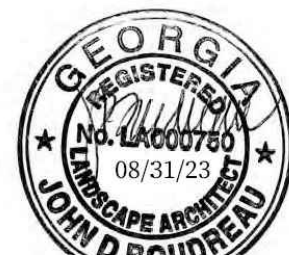
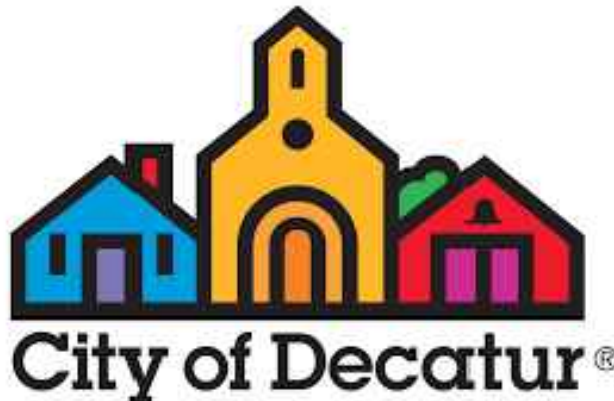
- (A) 1.5" THICK (165 LBS./SY) RECYCLED ASPH.CONC. 12.5 MM SUPERPAVE, GP 2 , INCLUDES BITUM MATERIAL AND H LIME
- (B) 6" THICK GRADED AGGREGATE BASE COURSE
- (C) CLASS "B" CONCRETE PAVEMENT WIDENING
- (D) CONCRETE HEADER CURB DETAIL, GDOT STD. 9032B, TYPE 2
- (E) CONCRETE HEADER CURB DETAIL, GDOT STD. 9032B, TYPE 7
- (F) 4" THICK GRADED AGGREGATE BASE COURSE UNDER SIDEWALK
- (G) 4" THICK CONCRETE SIDEWALK PAVING

NOTE:

- 1. TACK COAT TO BE APPLIED BETWEEN THE LAYERS OF ASPHALT.

PAVEMENT MATERIAL SCHEDULE CONT.

- (H) 2" THICK (220LBS/SY) 19MM ASPH SUPERPAVE
- (I) 4" THICK (440LBS/SY) 25MM SUPERPAVE
- (J) PAVEMENT REINFORCED FABRIC STRIPS, TYPE 2, 18 INCH WIDE
- (K) MILL ASPHALT CONC. 1 1/2 INCH DEPTH
- (M) ASPHALT CONC. PATCHING, INCLUDE BITUM MATL AND TACK COAT INCL



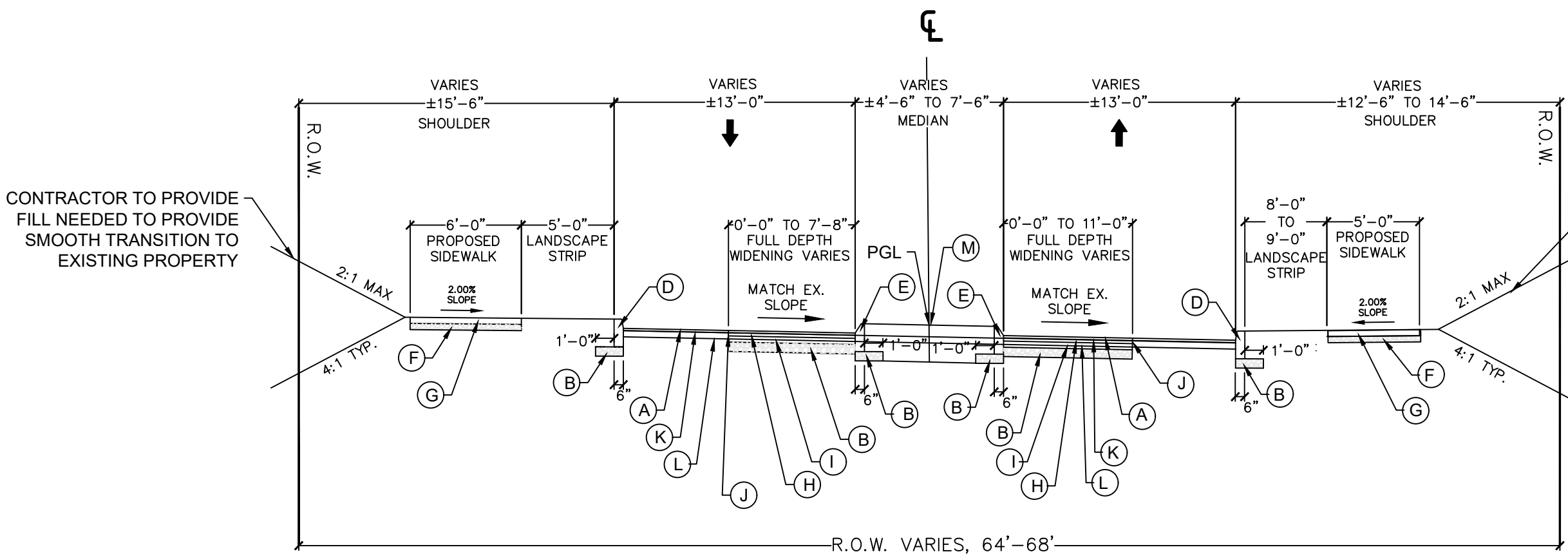
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
04/05/24	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS

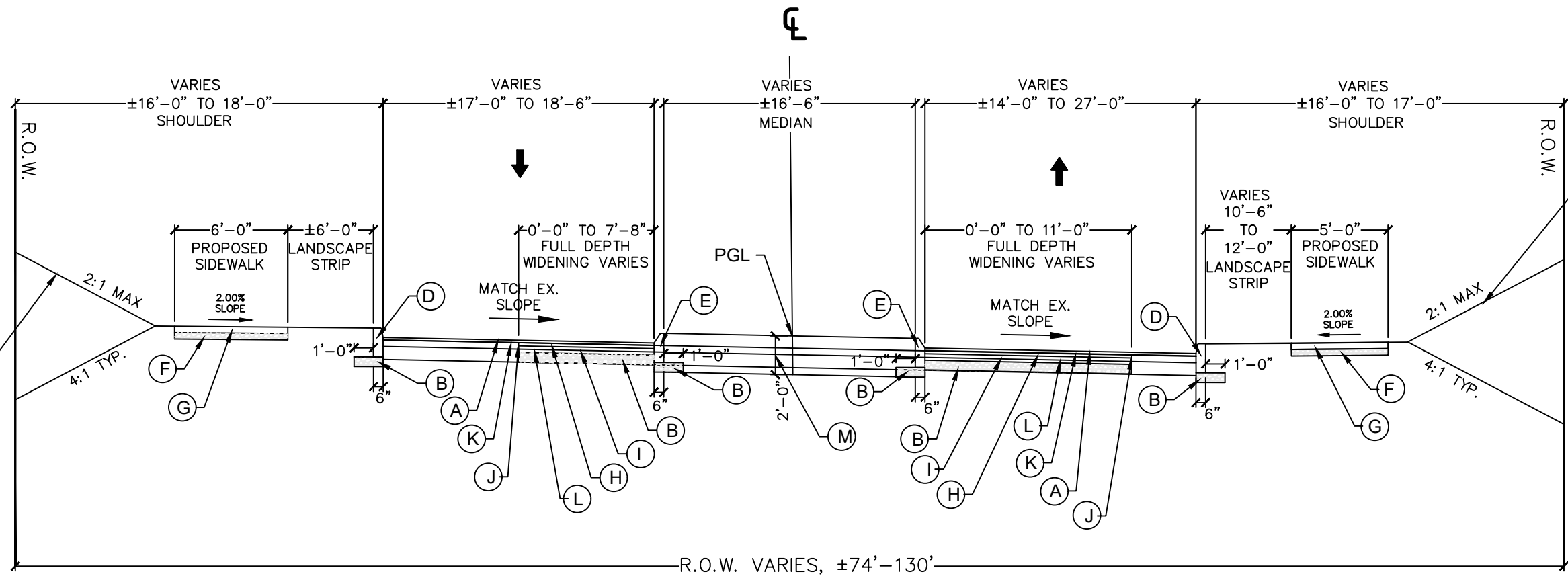
PARKWOOD TRAFFIC CALMING
TYPICAL SECTIONS

CHECKED:	R.R.	DATE:	DRAWING NO. 05-01
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	



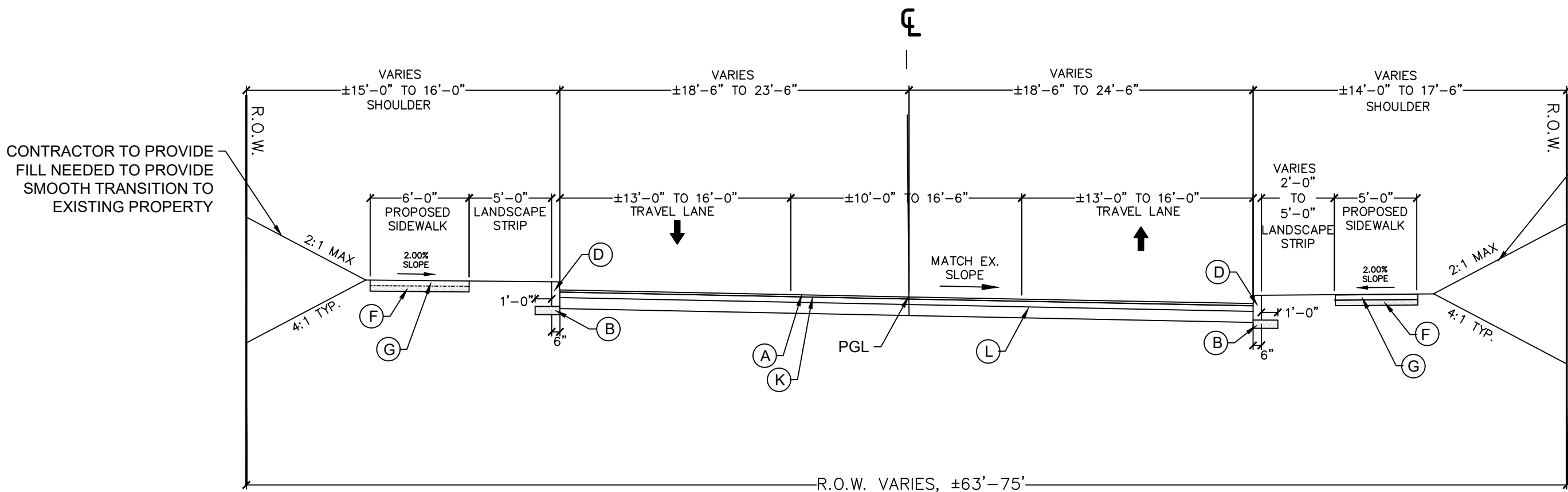
PROPOSED TYPICAL STREET SECTION
PARKWOOD DRIVEWAY

STA 201+00.00 TO STA 201+41.84



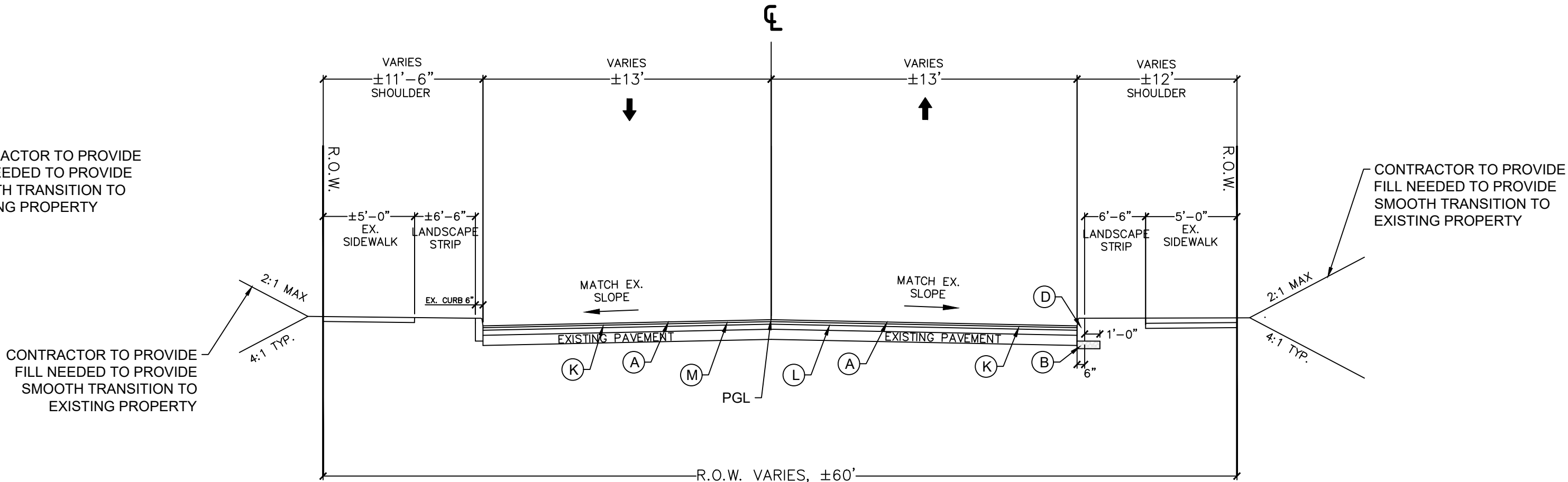
PROPOSED TYPICAL STREET SECTION
PARKWOOD DRIVEWAY

STA 201+68.25 TO STA 201+88.29



PROPOSED TYPICAL STREET SECTION
PARKWOOD DRIVEWAY

STA 201+41.84 TO STA 201+68.25



PROPOSED TYPICAL STREET SECTION
PARKWOOD DRIVE

STA 301+74.23 TO STA 303+07.12

PAVEMENT MATERIAL SCHEDULE

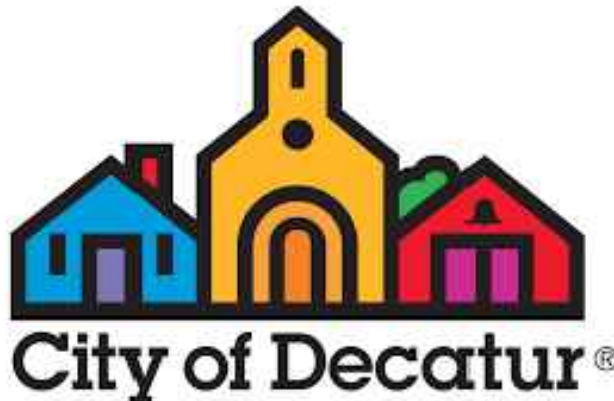
- (A) 1.5" THICK (165 LBS./SY) RECYCLED ASPH.CONC. 12.5 MM SUPERPAVE, GP 2 , INCLUDES BITUM MATERIAL AND H LIME
- (B) 6" THICK GRADED AGGREGATE BASE COURSE
- (C) CLASS "B" CONCRETE PAVEMENT WIDENING
- (D) CONCRETE HEADER CURB DETAIL, GDOT STD. 9032B, TYPE 2
- (E) CONCRETE HEADER CURB DETAIL, GDOT STD. 9032B, TYPE 7
- (F) 4" THICK GRADED AGGREGATE BASE COURSE UNDER SIDEWALK
- (G) 4" THICK CONCRETE SIDEWALK PAVING

NOTE:

- 1. TACK COAT TO BE APPLIED BETWEEN THE LAYERS OF ASPHALT.

PAVEMENT MATERIAL SCHEDULE CONT.

- (H) 2" THICK (220LBS/SY) 19MM ASPH SUPERPAVE
- (I) 4" THICK (440LBS/SY) 25MM SUPERPAVE
- (J) PAVEMENT REINFORCED FABRIC STRIPS, TYPE 2, 18 INCH WIDE
- (K) MILL ASPHALT CONC PVMT, VARIABLE DEPTH
- (L) ASPHALT CONC. PATCHING, INCLUDE BITUM MATL AND TACK COAT INCL



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

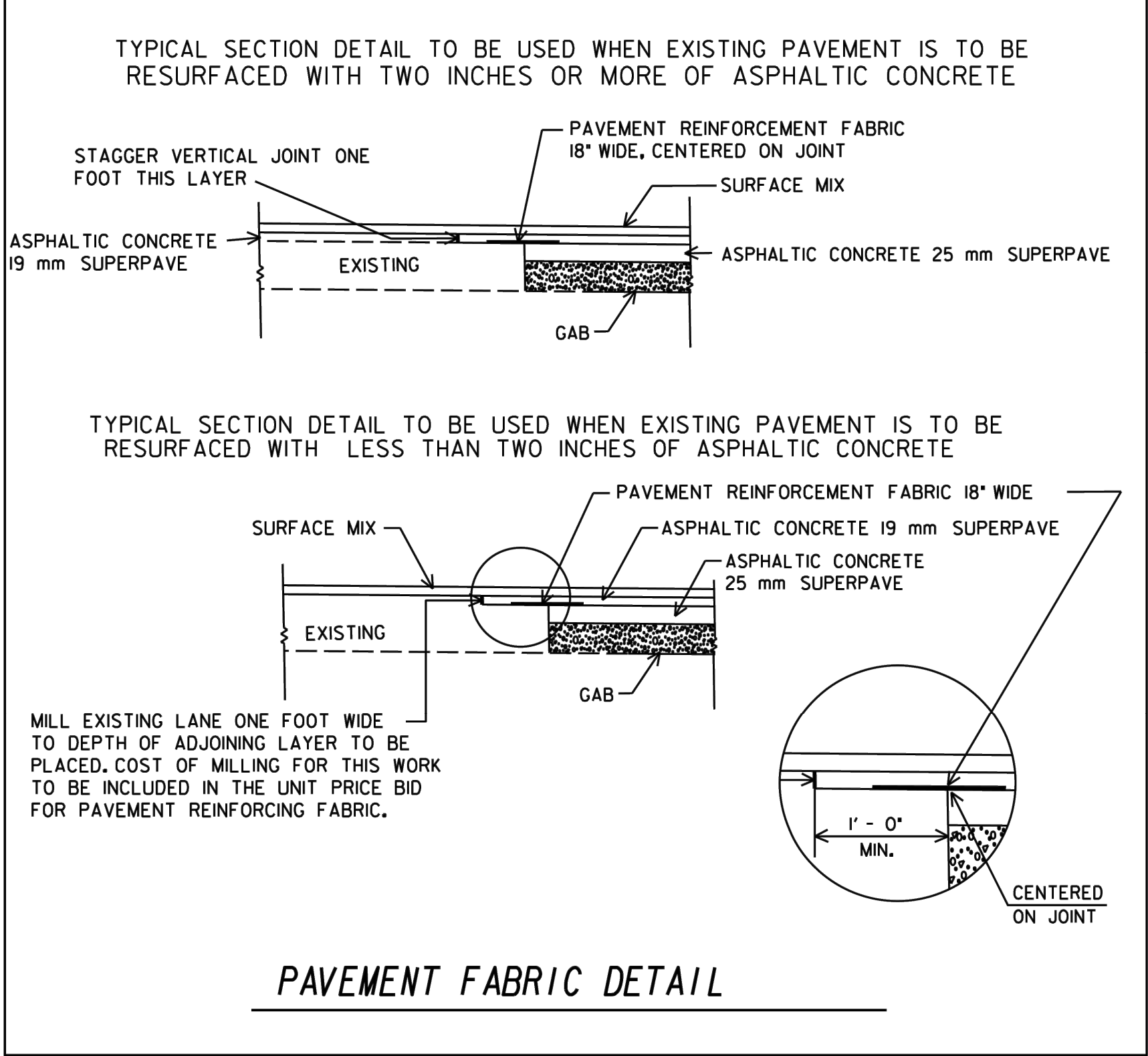
REVISION DATES	
04/05/24	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS

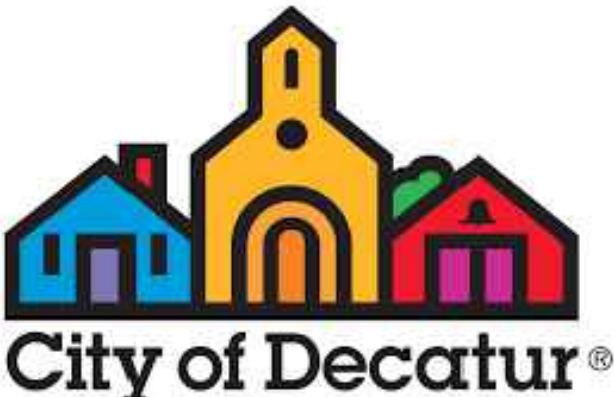
PARKWOOD TRAFFIC CALMING
TYPICAL SECTIONS

CHECKED:	R.R.	DATE:	DRAWING NO. 05-02
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	07	41



Apr 5, 2024 - 2:24pm
N:\100065824 - City of Decatur_Parkwood Traffic Calming\CAD\05 TYPICAL SECTIONS.dwg

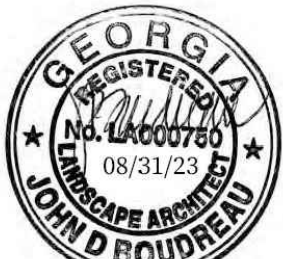


ATKINS

Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
04/05/24	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS

PARKWOOD TRAFFIC CALMING
TYPICAL SECTIONS

CHECKED:	R.R.	DATE:	DRAWING NO. 05-03
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

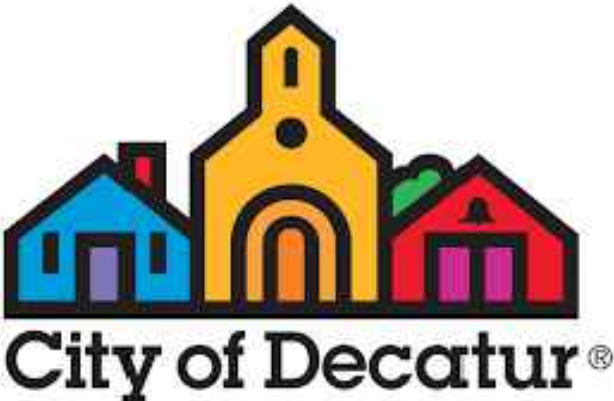
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	08	41

Item Number	Item Description	Unit	Quantity	
150-1000	TRAFFIC CONTROL	LS	1	
ROADWAY				
210-0100	GRADING COMPLETE	LS	1	
EROSION CONTROL ITEMS				
163-0232	TEMPORARY GRASSING	AC	0.50	
163-0240	MULCH	TN	8	
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	4	2
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	1310	
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	4	2
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	1310	
643-8200	BARRIER FENCE (ORANGE) 4 FT. (TREE PROTECTION)	LF	170	
163-1935	CONSTRUCT AND REMOVE COMPOST FILTER SOCK, 24 IN	LF	120	
ASPHALT ITEMS				
402-3130	RECYC ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	TN	230	
402-3190	RECYC ASPH CONC 19 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL AND H LIME	TN	230	
402-3121	RECYC ASPH CONC 25 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL AND H LIME	TN	230	
446-1100	PAVEMENT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	LF	110	
413-0750	BITUM TACK COAT	GL	220	
432-0206	MILL ASPHALT CONCRETE PAVEMENT, 1 1/2 IN DEPTH	SY	2750	
500-9999	CLASS B CONCRETE, BASE OR PVMT WIDENING	CY	5	
AGGREGATE AND CONCRETE ITEMS				
310-5040	GR AGGR BASE CRS, 4 INCH, INCL MATL	SY	360	
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	130	
441-0104	CONC SIDEWALK, 4 INCH (INCLUDES ADA RAMPS AND DETECTABLE WARNING STRIP), CLASS A CONCRETE	SY	425	2
441-0016	DRIVEWAY CONCRETE, 6 IN TK, CLASS A CONCRETE	SY	50	
441-4020	CONC VALLEY GUTTER, 6 IN, CLASS A CONCRETE	SY	85	
441-5002	CONC HEADER CURB, 6 IN, TP 2	LF	530	
441-5008	CONC HEADER CURB, 6 IN, TP 7	LF	215	
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 (AS REQUIRED AND DIRECTED BY ENGINEER)	LF	10	
SIGNING AND MARKING ITEMS				
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	82	
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	55	
636-2070	GALV. STEEL POST, TP 7 (GROUND MOUNTED BREAKAWAY SIGN SUPPORT REQUIRED)	LF	180	
653-0120	THERMOPLASTIC PVMT MARKING, ARROW TP 2	EA	2	
652-0105	PAVEMENT MARKING, BIKE LANE SHARED SYMBOL (SHARROW SYMBOL)	EA	12	
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	EA	12	
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	1492	
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	165	
611-5360	RESET HIGHWAY SIGN	EA	2	
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	10	
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	1300	
653-1001	RAISED PVMT MARKERS TP 1	EA	50	
653-1003	RAISED PVMT MARKERS TP 3	EA	50	
LANDSCAPE ITEMS				
SHRUBS				
UNDEF	ROSA 'MEJOCOS' (PINK DRIFT ROSE) - 3 GAL	EA	53	
PERENNIALS AND GROUNDCOVERS				
UNDEF	HEMEROCALLIS X 'HAPPY RETURNS' (HAPPY RETURNS DAYLILY) - 1 GAL	EA	74	
UNDEF	MUHLENBERGIA CAPILLARIS 'LENCA' (REGAL MIST PINK MUHLY GRASS) - 1 GAL	EA	28	
UNDEF	TRACHELOSPERMUM ASIATICUM (ASIATIC JASMINE) - 1 GAL.	EA	86	
BULK AND OTHER MATERIALS				
700-9300	SOD - BERMUDA (TIFTUF)	SY	616	2
702-9025	LANDSCAPE MULCH - PINE STRAW MULCH - 3" THICK LAYER	SY	130	
708-1000	PLANT TOPSOIL	CY	80	
700-7000	AGRICULTURAL LIME	TN	2	
700-8000	FERTILIZER MIXED GRADE	TN	1	
700-8100	FERTILIZER NITROGEN CONTENT	LB	100	
MISCELLANEOUS ITEMS				
999-8001	COMPRESSIVE STRENGTH - CONCRETE	EA	5	
999-8003	COMPACTION TEST - GRADED AGGREGATE	EA	4	

THE QUANTITIES SHOWN ARE FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL QUANTITIES OF THE ITEMS TO CONSTRUCT THE PROJECT AS INDICATED IN THE CONSTRUCTION DRAWINGS PRIOR TO BID. THIS MAY INCLUDE THE CONSTRUCTION OF ITEMS NOT PRESENT IN THE SUMMARY OF QUANTITIES OR THE BID SCHEDULE UNIT PRICES.

CONTRACTOR TO REFER TO BID FORM FOR ITEM 999.9000 MISCELLANEOUS CONTINGENCY AMOUNT.

Jun 16, 2026 - 3:26pm
M:\100080043 - City of Decatur_Parkwood Traffic Calming\CAD\06 SUM OF QUANTITIES.dwg



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30338
Tel: (770)333-4280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
04/05/24	SIDEWALK REV.
09/15/25	△ SIDEWALK REV.
06/16/26	△ NOTES REV.

CITY OF DECATUR PUBLIC WORKS

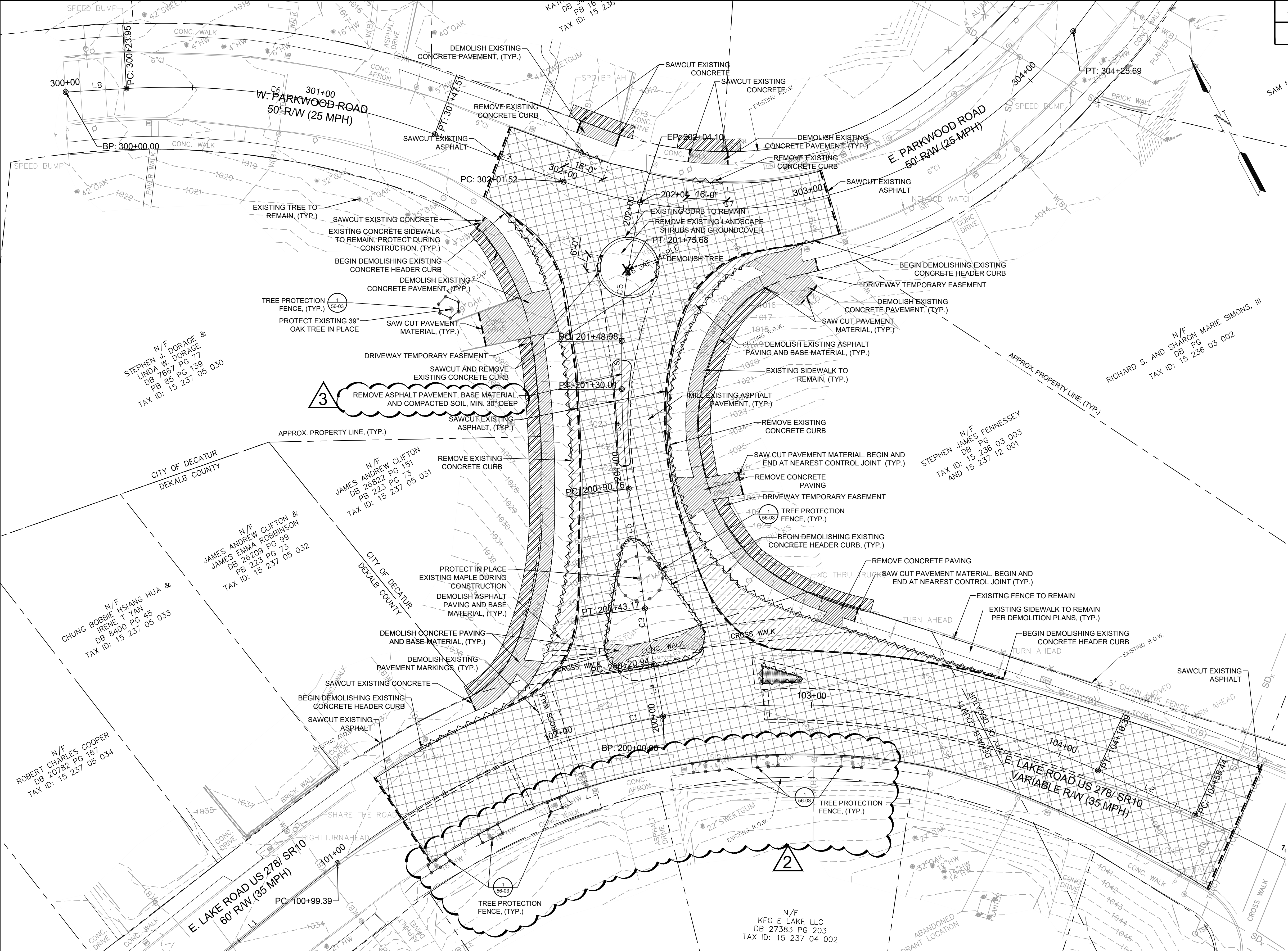
PARKWOOD TRAFFIC CALMING
SUMMARY OF QUANTITIES

CHECKED:	R.R.	DATE:		DRAWING NO. 06-01
BACKCHECKED:	R.R.	DATE:		
CORRECTED:	K.F.	DATE:		
VERIFIED:	R.R.	DATE:		

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	10	41

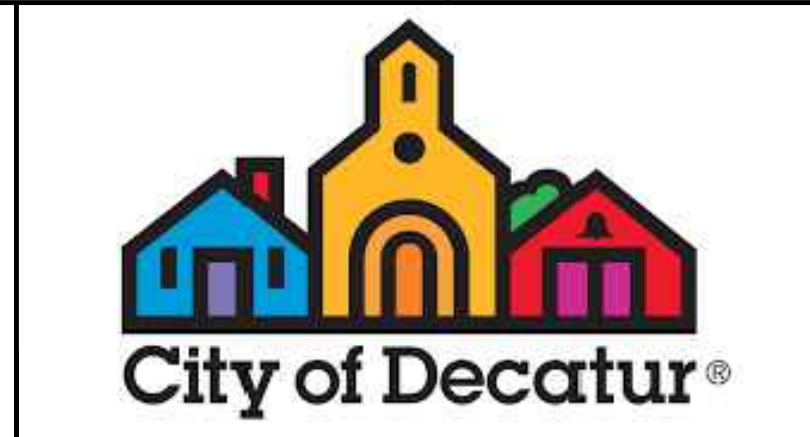
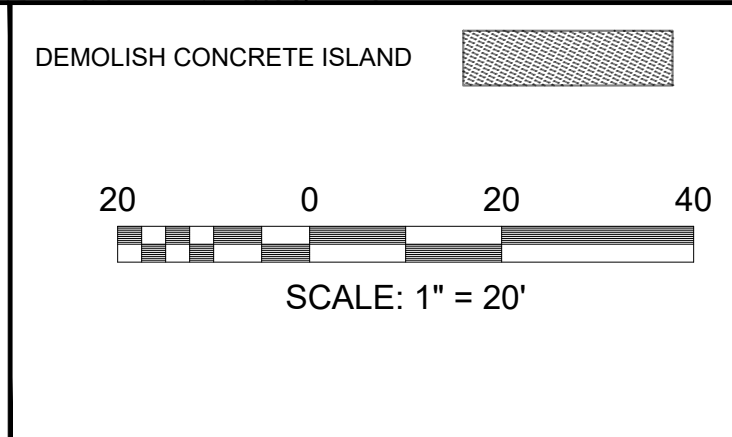
GENERAL SHEET NOTES

1. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
2. REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
3. REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
4. REFER EX-01 FOR EXISTING CONDITIONS.
5. REFER TO 50 SERIES FOR EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS.
6. EXISTING SITE ELEMENTS TO REMAIN ON SITE SHALL BE PROTECTED DURING CONSTRUCTION AT ALL TIMES.
7. CONTRACTOR TO REFER TO SIGNING AND MARKING PLANS FOR THE REMOVAL, RELOCATION, AND / OR PROTECTION OF EXISTING SIGNS.



PROPERTY LINE	---
DEMOLISH TREE	X
TREE PROTECTION FENCE	●-●-●-●
REMOVE SITE ELEMENT	~~~~~
REMOVE PAVEMENT MARKING	---
SAWCUT PAVEMENT	---
LIMITS OF DISTURBANCE	---

CONSTRUCTION LIMITS	---
MILL ASPHALT	---
DEMOLISH ASPHALT PAVING AND BASE MATERIAL	---
DEMOLISH CONCRETE PAVING AND BASE MATERIAL	---
TEMPORARY DRIVEWAY EASEMENT	---
TEMPORARY CONSTRUCTION EASEMENT	---



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)333-4280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024

GEORGIA
REGISTERED
LANDSCAPE ARCHITECT
No. 14600780
6/16/2026
WORLD BOUDREAU

NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
04/05/24	SIDEWALK REV.
09/15/25	△ SIDEWALK REV.
06/16/26	△ DEMO REV.

CITY OF DECATUR PUBLIC WORKS			
PARKWOOD TRAFFIC CALMING DEMOLITION PLAN			
CHECKED:	R.R.	DATE:	DRAWING NO.
BACKCHECKED:	R.R.	DATE:	DM-01
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

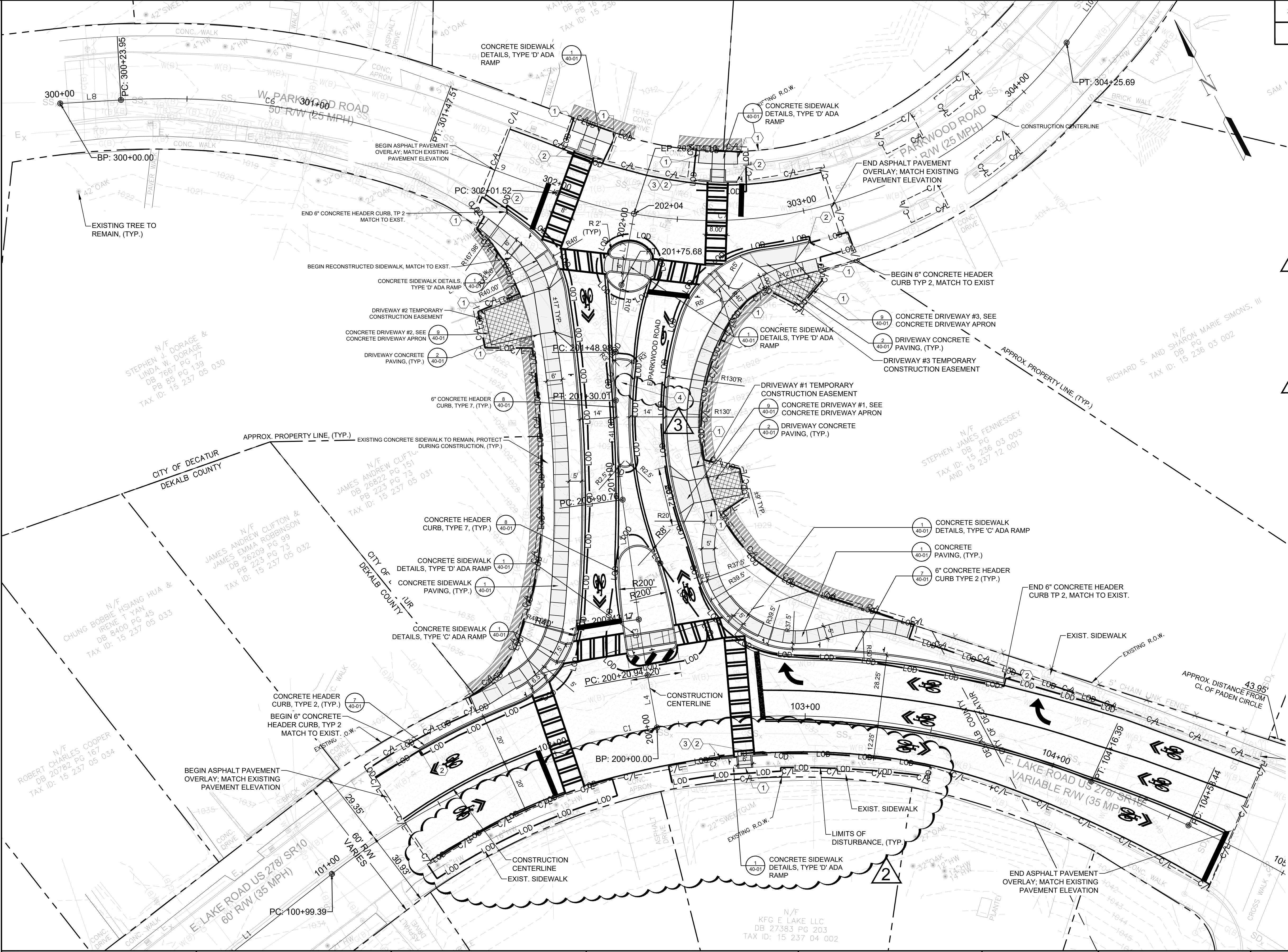
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	11	41

GENERAL SHEET NOTES

- THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
- REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
- REFER EX-01 FOR EXISTING CONDITIONS.
- REFER TO 50 SERIES FOR EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS.
- REFER TO LANDSCAPE PLAN SERIES 29-00 FOR PROPOSED PLANTINGS.
- SEE SHEET 13-02 FOR LINE AND CURVE DATA.
- REFER TO GDOT DETAIL A3 FOR ALL SIDEWALK RAMPS, GDOT DETAIL A4 FOR DETECTABLE WARNING SURFACE.
- ALL DIMENSIONS ARE FROM THE FACE OF CURB, UNLESS SHOWN OTHERWISE.
- CONTRACTOR TO ADJUST WATER METER BOXES AND VALVES AFFECTED BY CONSTRUCTION TO PROPOSED GRADE.
- CONTRACTOR TO ADJUST ALL MANHOLES AND STRUCTURES TO FINISH GRADE.

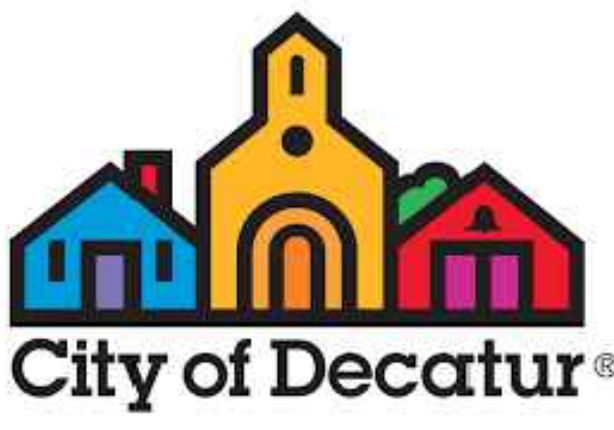
SHEET KEYNOTES

- MATCH EXISTING CONCRETE PAVEMENT ELEVATION
- MATCH EXISTING TOP OF CURB ELEVATION
- EXISTING GRANITE CURB TO REMAIN. RESET OR ADJUST AS NECESSARY FOR CONCRETE ADA RAMP CURBS TO TIE-IN FLUSH.
- PROVIDE 2/3 OF CLEAN FILL, ALONG WITH 1/3 PLANTING MIX. CONTRACTOR TO PROVIDE A COMMERCIAL SAMPLE OF PLANTING MIX FOR CITY REVIEW/APPROVAL.



PROPERTY LINE	---
LIMITS OF DISTURBANCE	--- LOD ---
CONSTRUCTION LIMITS	--- C/L ---
CONCRETE HEADER CURB	=====
ASPHALT OVERLAY	=====
CONCRETE PAVING	=====

DRIVEWAY TEMPORARY EASEMENT	=====
TEMPORARY CONSTRUCTION EASEMENT	=====



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30338
Tel: (770)335-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
11/30/23	ADDRESSED GDOT COMMENTS
04/05/24	△ SIDEWALK REV.
09/15/25	△ SIDEWALK REV.
06/16/26	△ NOTES REV.

CITY OF DECATUR PUBLIC WORKS			
PARKWOOD TRAFFIC CALMING MAINLINE PLANS			
CHECKED:	R.R.	DATE:	DRAWING NO.
BACKCHECKED:	R.R.	DATE:	13-01
VERIFIED:	R.R.	DATE:	

ST

GA

PROJECT NUMBER

100080043

SHEET NO.

12

TOTAL SHEETS

41

Line Table		
Line #	Length	Direction
L1	99.39'	N79°27'12"E
L2	42.04'	S37°54'56"E
L3	67.74'	S28°01'56"E
L4	20.94'	N17°29'38"E
L5	47.60'	N20°02'26"E
L6	18.98'	N27°32'07"E
L7	28.42'	N37°43'59"E
L8	23.95'	S65°38'03"E
L9	54.01'	S42°02'14"E
L10	32.81'	N64°34'03"E

Curve Data	
Curve #	
C1	E Lake Rd Alignment PI STA =102+75.82 N: 1370355.4821 E: 2252217.0601 DELTA =62°37'52" D= 19°45'26" T= 176.43' L= 317.00' R= 290.00' Chord Bearing = S69° 13' 52.11"E Chord Length = 301.455 SE= MATCH EXISTING
C2	E Lake Rd Alignment PI STA =105+01.67 N: 1370149.0173 E: 2252377.8790 DELTA =9°53'00" D= 11°27'33" T= 43.23' L= 86.25' R= 500.00' Chord Bearing = S32° 58' 26.19"E Chord Length = 86.142
C3	East Parkwood Road Alignment PI STA =200+32.06 N: 1370345.2480 E: 2252193.5015 DELTA =2°32'49" D= 11°27'33" T= 11.11' L= 22.23' R= 500.00' Chord Bearing = N18° 46' 01.95"E Chord Length = 22.223 SE= MATCH EXISTING
C4	East Parkwood Road Alignment PI STA =201+10.41 N: 1370418.8640 E: 2252220.3546 DELTA =7°29'41" D= 19°05'55" T= 19.65' L= 39.24' R= 300.00' Chord Bearing = N23° 47' 16.71"E Chord Length = 39.214 SE= MATCH EXISTING
C5	East Parkwood Road Alignment PI STA =201+62.36 N: 1370464.9812 E: 2252244.3979 DELTA =10°11'52" D= 38°11'50" T= 13.38' L= 26.70' R= 150.00' Chord Bearing = N32° 38' 03.00"E Chord Length = 26.662
C6	West Parkwood Road Alignment PI STA =300+86.62 N: 1370605.9203 E: 2252168.9778 DELTA =23°39'50" D= 19°05'55" T= 62.67' L= 123.55' R= 300.00' Chord Bearing = S53° 50' 08.43"E Chord Length = 122.683
C7	West Parkwood Road Alignment PI STA =303+31.95 N: 1370422.3928 E: 2252334.4420 DELTA =73°23'43" D= 32°44'26" T= 130.43' L= 224.17' R= 175.00' Chord Bearing = S78° 44' 05.08"E Chord Length = 209.157 SE= MATCH EXISTING

Apr 5, 2024 - 2:32pm
M:\10005624 - City of Decatur - Parkwood Traffic Calming\CAD\13 MAINLINE.dwg

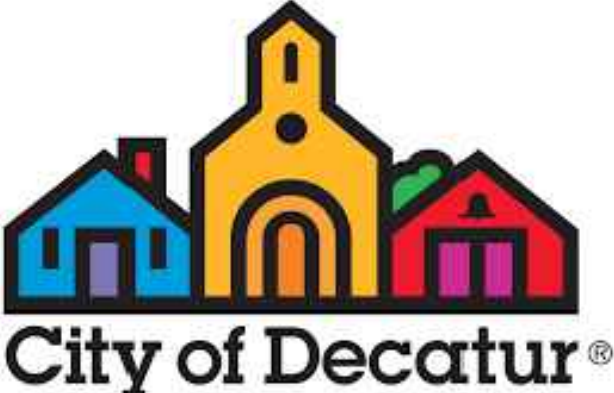
20

0

20

40

SCALE: 1" = 20'



ATKINS

Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30326
Tel: (770)933-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024

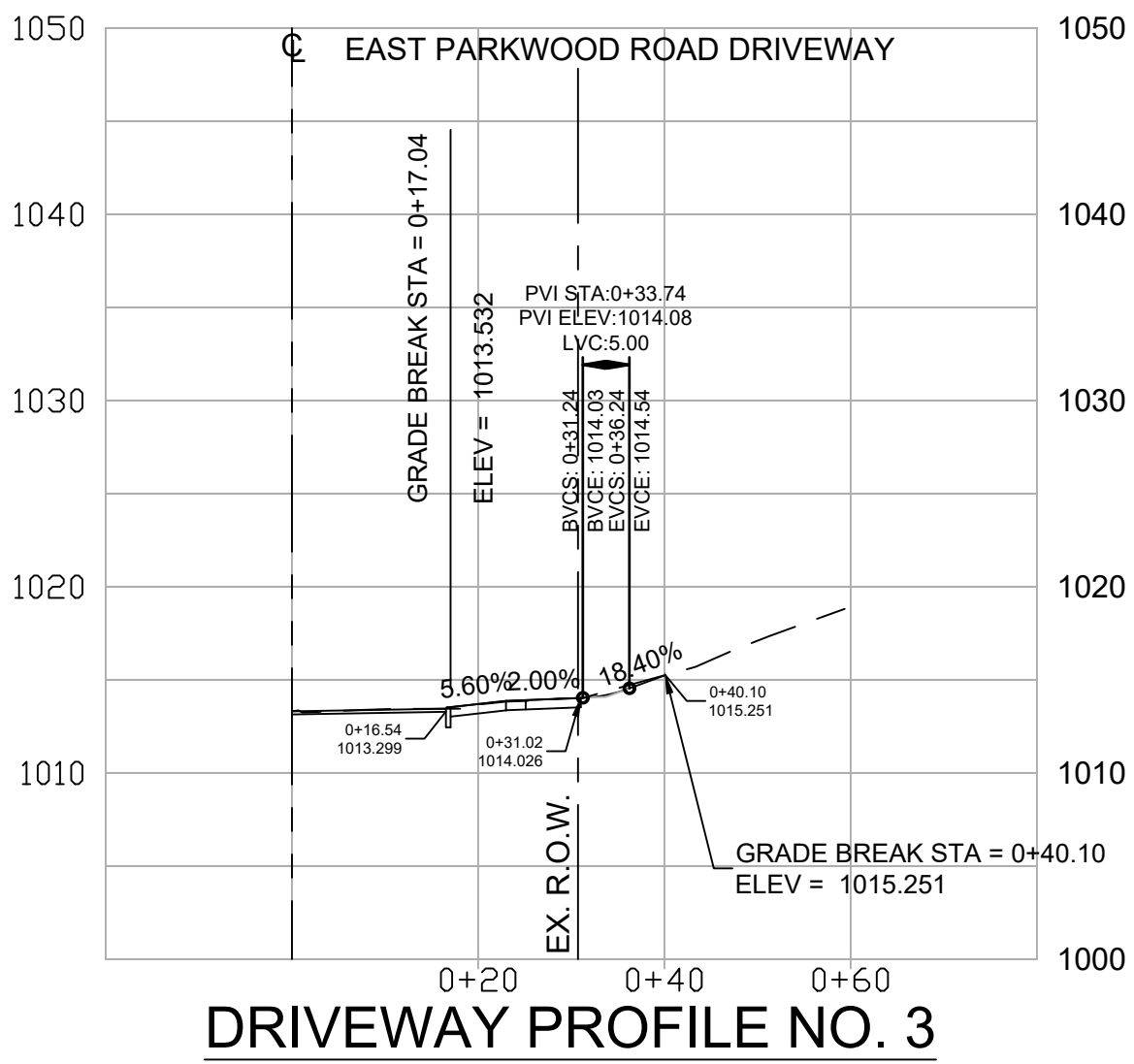
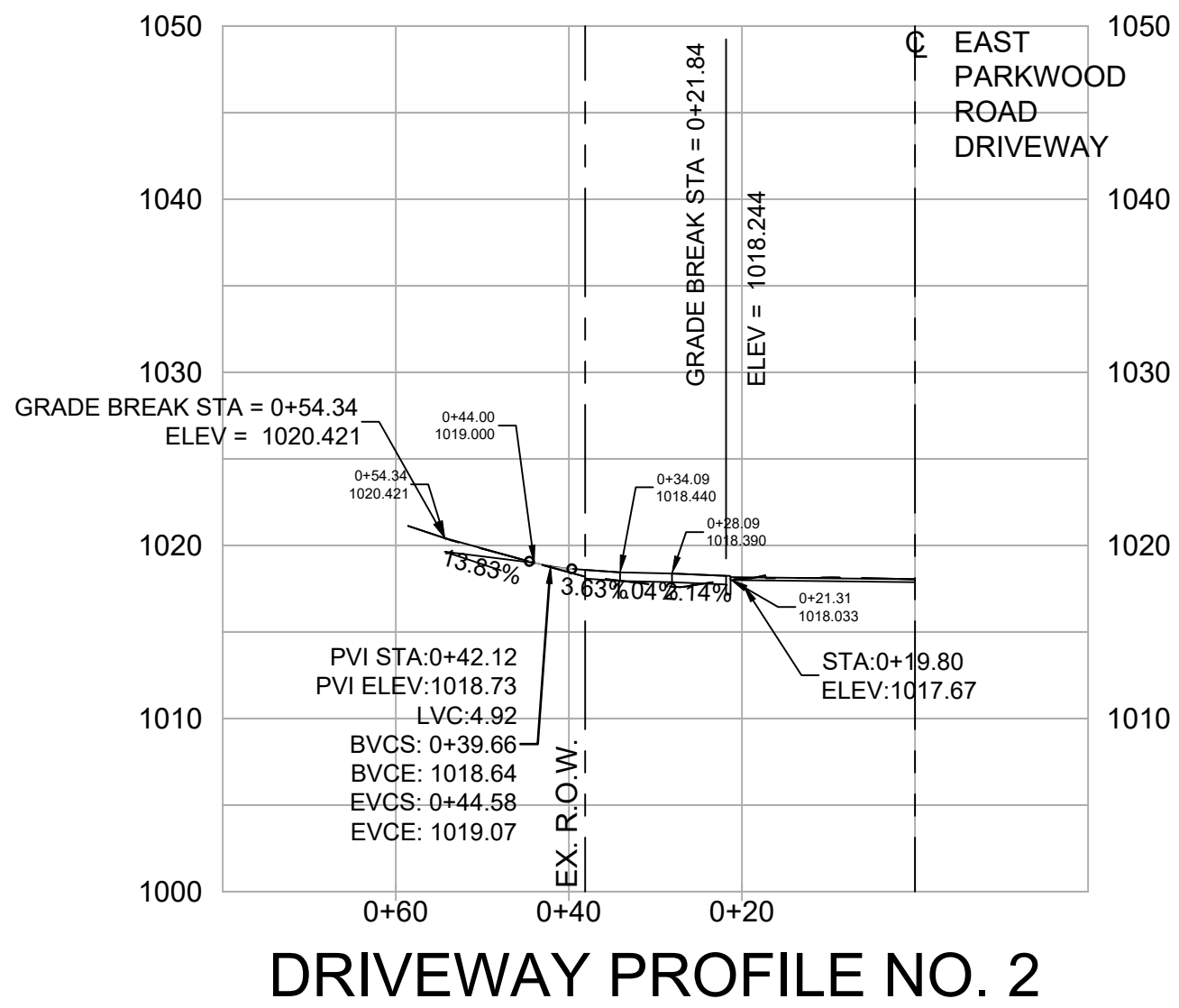
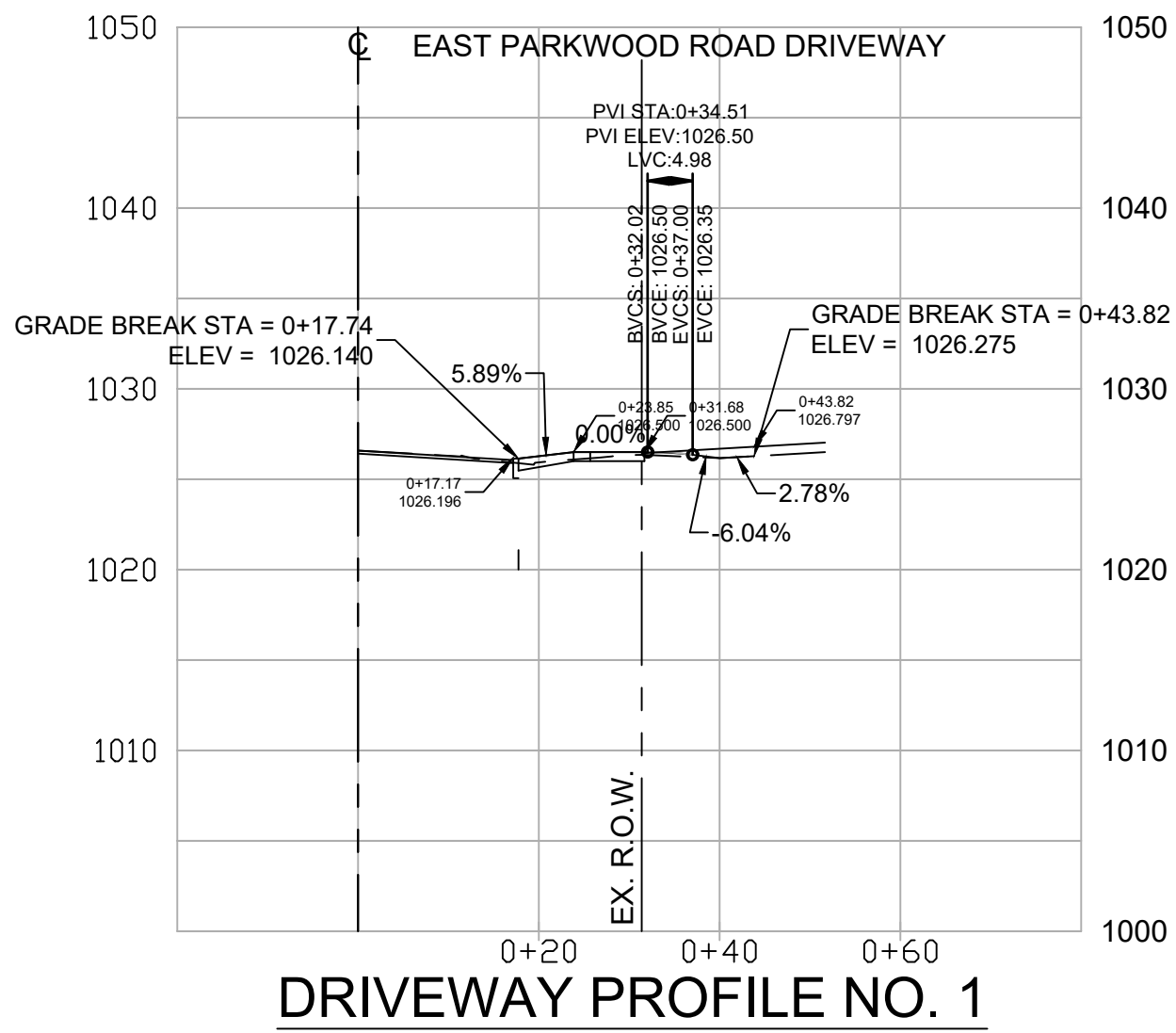
REGISTERED
No. LA000780
11/21/2023
LANDSCAPE ARCHITECT
WORLD BUREAU

NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

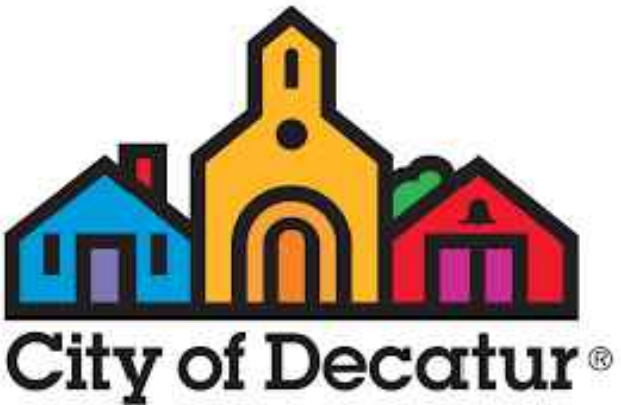
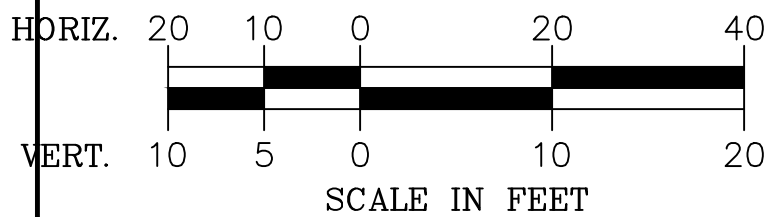
REVISION DATES	
04/05/24	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS			
PARKWOOD TRAFFIC CALMING CURVE AND LINE DATA			
CHECKED:	R.R.	DATE:	DRAWING NO. 13-02
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	13	41



Apr 5, 2024 - 2:38pm
N:\100065824 - City of Decatur - Parkwood Traffic Calming\CAD\17 DRIVEWAY PROFILES.dwg



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
04/05/24	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS			
PARKWOOD TRAFFIC CALMING DRIVEWAY PROFILES			
CHECKED:	R.R.	DATE:	DRAWING NO. 17-01
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

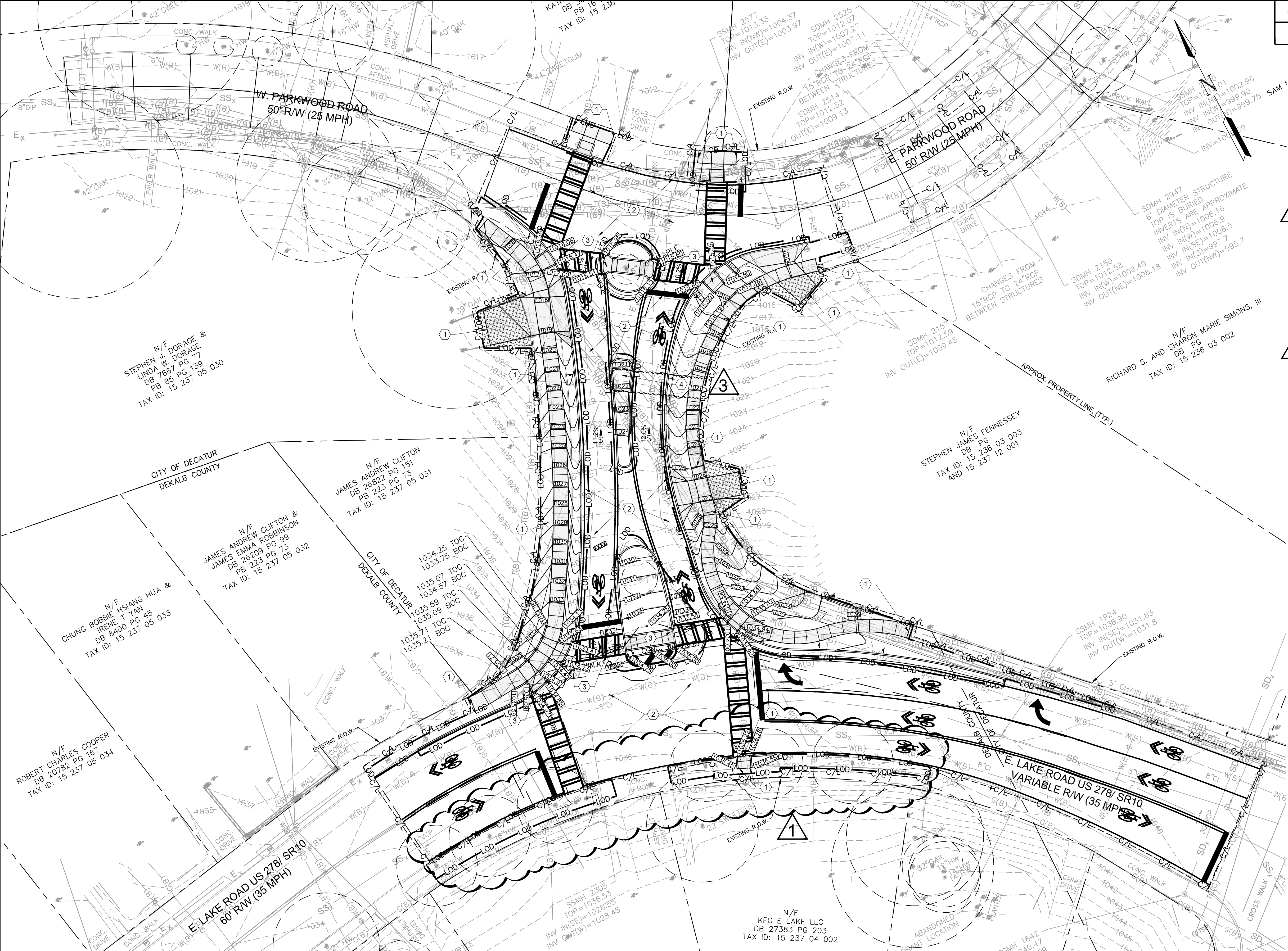
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	14	41

GENERAL SHEET NOTES

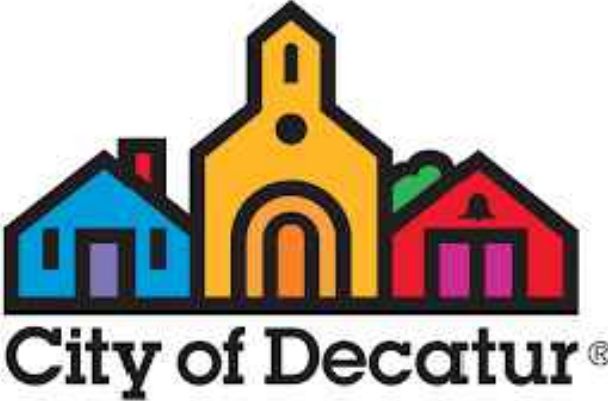
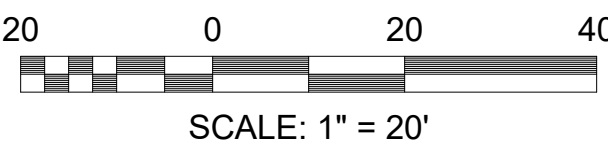
1. REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
2. REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
3. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
4. REFER EX-01 FOR EXISTING CONDITIONS.
5. REFER TO LANDSCAPE PLAN SERIES 29-00 FOR PROPOSED PLANTINGS.
6. ALL PROPOSED CONCRETE SIDEWALKS AND PAVEMENT SHALL HAVE POSITIVE DRAINAGE.
7. EXISTING SPOT ELEVATIONS ARE SHOWN AT TIE-IN LOCATIONS OF WHERE NEW SIDEWALK / RAMPS MEET EXISTING PAVEMENT.
8. CONTRACTOR TO ADJUST ALL MANHOLES AND STRUCTURES TO FINISH GRADE.

SHEET KEYNOTES

1. MATCH EXISTING PAVEMENT ELEVATION FLUSH
2. MAINTAIN EXISTING ROADWAY GRADES
3. EXISTING CROSSWALK AND HANDICAP RAMPS DO NOT MEET ADA REQUIREMENTS DUE TO EXISTING ROADWAY GRADES.
4. PROVIDE 2/3 OF CLEAN FILL, ALONG WITH 1/3 PLANTING MIX. CONTRACTOR TO PROVIDE A COMMERCIAL SAMPLE OF PLANTING MIX FOR CITY REVIEW/APPROVAL.



PROPERTY LINE	---
VEGETATION	10XX
EXISTING SEWER	---
EXISTING WATER MAIN	---
CONTOURS	---
SPOT ELEVATION	+ 10XX.XX



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30338
Tel: (770)335-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024

GEORGIA
REGISTERED
LANDSCAPE ARCHITECT
JOHN D. BOUDREAU
No. 146000780
6/16/2026

LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

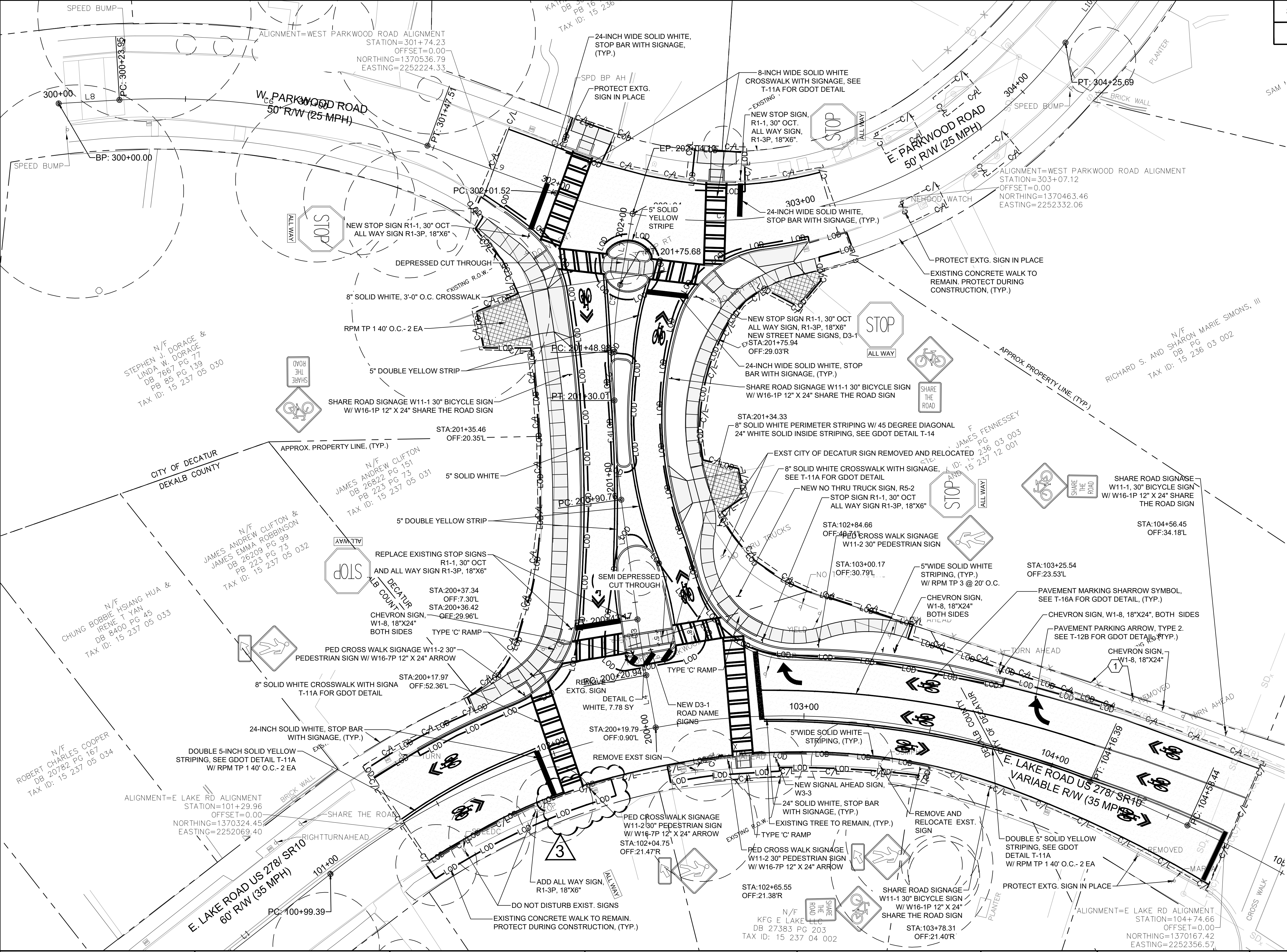
REVISION DATES	
09/15/25	△ SIDEWALK REV.
06/16/26	△ NOTES REV.

CITY OF DECATUR PUBLIC WORKS				
PARKWOOD TRAFFIC CALMING GRADING AND DRAINAGE PLANS				
CHECKED:	R.R.	DATE:	DRAWING NO. 18-01	
BACKCHECKED:	R.R.	DATE:		
CORRECTED:	K.F.	DATE:		
VERIFIED:	R.R.	DATE:		

Jun 16, 2026 - 5:30pm
N:\100080043 - City of Decatur - Parkwood Traffic Calming\CAD\18 GRADING AND DRAINAGE.dwg

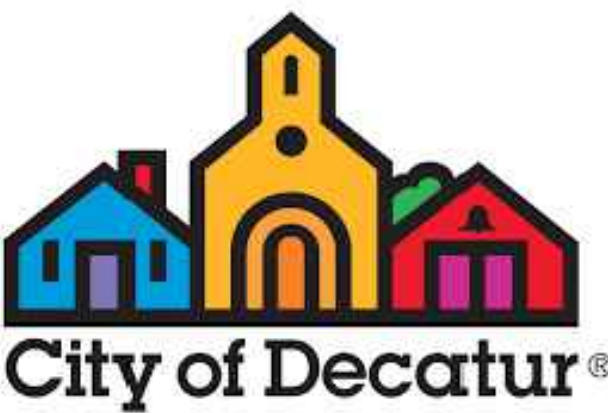
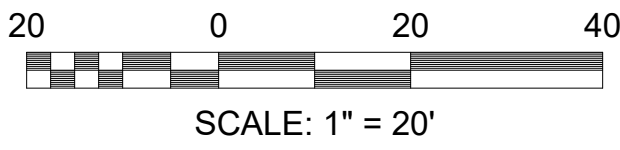
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100065824	15	41

1. ALL PROPOSED STRIPING SHALL BE THERMOPLASTIC.
2. REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
3. REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
4. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
5. REFER EX-01 FOR EXISTING CONDITIONS.
6. REFER TO LANDSCAPE PLAN SERIES 29-00 FOR PROPOSED PLANTINGS.



PROPERTY LINE	---
LIMITS OF DISTURBANCE	— LOD —
CONSTRUCTION LIMITS	--- C/L ---
DRIVEWAY TEMPORARY EASEMENT	[Pattern]
ROADWAY SIGN	[Symbol]

SHARROW	[Symbol]
PAVEMENT MARKING TURN ARROW, TP 2	[Symbol]



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30338
Tel: (770)935-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



REVISION DATES	
11/30/23	ADDRESSED GDOT COMMENTS
08/06/25	SIDEWALK REV.
09/15/25	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS				
PARKWOOD TRAFFIC CALMING SIGNING AND MARKING PLANS				
CHECKED:	R.R.	DATE:	DRAWING NO.	
BACKCHECKED:	R.R.	DATE:		
CORRECTED:	K.F.	DATE:		
VERIFIED:	R.R.	DATE:	26-01	

					ST		PROJECT NUMBER		SHEET NO.	TOTAL SHEETS														
					GA		100080043		16	41														
<u>GENERAL PLANTING NOTES:</u> 1. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, FREE OF PESTS AND DISEASE. 2. ALL PLANTS SHALL BE CONTAINER-GROWN, OR BALLED AND BURLAPPED AS SPECIFIED. 3. CONTRACTOR'S PRICE SHALL INCLUDE ALL LABOR AND MATERIAL NECESSARY TO COMPLETE THE WORK, I.E. MULCH, PLANTING, SOIL MIX, STAKING MATERIAL, WATERING, MAINTENANCE DURING CONSTRUCTION, ETC. 4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES SHOWN ON THESE DRAWINGS BEFORE PRICING THE WORK, AND WILL BE RESPONSIBLE FOR INSTALLATION OF PLANT MATERIAL ACCORDING TO PLAN. THE PLANT SCHEDULE IS PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY. 5. PROVIDE PLANT MATERIALS TRUE TO SPECIES AND VARIETY COMPLYING WITH RECOMMENDATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERY MEN. 6. PLANTING PLANS INDICATE DIAGRAMMATIC LOCATIONS ONLY. SITE ADJUSTMENTS OF PLANTING DESIGN AND RELOCATION OF PLANT MATERIAL INSTALLED PRIOR TO DESIGN PROFESSIONAL OR OWNER'S REPRESENTATIVE'S APPROVAL SHALL BE DONE WITHOUT PENALTY OR ADDITIONAL COST TO OWNER. STAKE PLANT LOCATIONS AT SITE AND OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO PLANT INSTALLATION. 7. LOCATE AND VERIFY ALL UTILITY LOCATIONS AND EXISTING STRUCTURES IN AND AROUND THE SITE PRIOR TO WORK. BE FAMILIAR WITH UNDERGROUND UTILITIES BEFORE DIGGING. MAINTAIN EXISTING UTILITIES AND STRUCTURES AND PROTECT AGAINST DAMAGE DURING THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING UTILITIES, STRUCTURES, PAVING AND/OR WORK OF OTHER TRADES RESULTING FROM LANDSCAPE CONSTRUCTION. 8. THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 72 HRS MINIMUM PRIOR TO DIGGING FOR FIELD VERIFICATION OF ALL UNDERGROUND UTILITIES, AND OTHER ELEMENTS, AND COORDINATE WITH THE DESIGN PROFESSIONAL PRIOR TO INITIATING OPERATIONS. THE CONTRACTOR SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK. 9. CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIALS INDICATED ON PLANS TO REMAIN. ALL PLANT MATERIAL INDICATED TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL OR AS REQUIRED BY THE LOCAL REVIEWING AUTHORITY, WHICHEVER HAS A GREATER RECOMPENSE VALUE. 10. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO DATE OF SUBSTANTIAL COMPLETION OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL THE PLANT LIST SPECIFICATIONS. 11. DESIGN PROFESSIONAL OR OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE QUALITY AND ACCEPTABILITY OF MATERIALS AND PLACEMENT. 12. PLANTS SHALL BE SPECIMEN QUALITY, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF DISEASES, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS AND/OR DISFIGUREMENT. 13. HEIGHT AND SPREAD DIMENSIONS SPECIFIED REFER TO THE MAIN BODY OF THE PLANT AND NOT FROM BRANCH					TIP TO TIP. IF A RANGE OF SIZE IS GIVEN, NO PLANT SHALL BE LESS THAN THE MINIMUM SIZE AND NOT LESS THAN 50 PERCENT OF THE PLANTS SHALL BE AS LARGE AS THE MAXIMUM SIZE SPECIFIED. 14. HARDWOOD TREES SHALL HAVE STRAIGHT TRUNKS WITH CENTRAL LEADERS, FULL HEADED, AND MEET ALL REQUIREMENTS SPECIFIED. DO NOT HANDLE PLANTS BY THE TRUNK. 15. PLACE PLANTS UPRIGHT AND TURNED SO THAT THE MOST ATTRACTIVE SIDE IS VIEWED. 16. 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. 17. MULCH: PROVIDE 3" THICKNESS MULCH AT ALL PLANTS AND PLANTING BEDS. UTILIZE SHREDDDED, AGED HARDWOOD MULCH. 18. LEAVES: MUST BE OF MEDIUM FOLIAGE, ALL GOOD LEAVES, MAXIMUM OF 10% CHLOROSIS ALLOWED, WITH NO EXTREME SUCCULENCE. 19. IF DRAINAGE IS NOT SUFFICIENT NOTIFY PROJECT OWNER'S REPRESENTATIVE IN WRITING BEFORE INSTALLING THE PLANTS, OTHERWISE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR THE GUARANTEE AND LIVABILITY OF THE PLANT. 20. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED LOCAL PRACTICES 21. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS TO THE DESIGN PROFESSIONAL PRIOR TO STARTING CONSTRUCTION. FOLLOW THE DESIGN PROFESSIONAL'S INSTRUCTIONS ON RESOLVING ANY DISCREPANCIES. 22. UNLESS OTHERWISE SPECIFIED DUE TO SOIL CONDITIONS, SET ROOT FLARE OF ROOTBALL LEVEL WITH SURROUNDING GRADE. ROOT SYSTEM SHALL BE AS SPECIFIED IN PLANT SCHEDULE: A. BALLED AND BURLAPPED: ROOTS MUST BE STURDILY ESTABLISHED IN BALL THAT HAS BEEN TIGHTLY WRAPPED AND SECURELY TIED WITH TWINE OR WIRE, OR PINNED. WHERE WIRE BASKETS ARE USED ON TREES OR SHRUBS, CUT BURLAP AND WIRE BACK TO ¼ THE BASE OF ROOTBALL AND REMOVE FROM PLANTING HOLE. REMOVE ALL STRAPS, WIRE STRAP HANGERS, ETC. FROM ROOTBALL. DO NOT ALLOW REMAINING WIRE TO PROTRUDE INTO MULCH OR TOPSOIL AREAS. B. CONTAINER GROWN: CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING DESIGN PROFESSIONAL OF ROOT BOUND SPECIMENS. REMOVE CONTAINER AND SCARIFY OR SHAVE ROOTBALL AS NEEDED TO REMEDIATE ROOT BOUND CONDITION. PULL SURFACE ROOTS AT TOP OF ROOTBALL OUT IN A DIRECTIONAL PATTERN TO DISCOURAGE CIRCLING ROOTS. 23. STAKING IS ONLY TO BE INSTALLED IN SPECIAL CIRCUMSTANCES AT THE DIRECTION OF THE DESIGN PROFESSIONAL. ANY STAKING MATERIAL MUST BE REMOVED AT THE END OF THE WARRANTY PERIOD. 24. IN THE CASE OF LANDSCAPING WORK INDICATED OUTSIDE THE LIMIT OF DISTURBANCE ON THE DRAWINGS, THE CONTRACTOR SHALL CLEAR ANY UNDERGROWTH IN THE AREA REQUIRED FOR PLANTING. THIS INCLUDES THE DEMOLITION OF ANY INVASIVE VEGETATION INCLUDING, BUT NOT LIMITED TO, ENGLISH IVY, CHINESE PRIVET,					WISTERIA, AND ELEAGNUS. 25. PLANTING PITS IN AREAS OUTSIDE THE LIMIT OF DISTURBANCE MAY BE REDUCED FROM THREE TIMES THE WIDTH OF THE PLANTING HOLE TO TWO TIMES THE WIDTH. 26. ALL PLANTS TO BE INSTALLED SHALL BE FIELD LOCATED TO AVOID EXISTING IMPACT TO NATIVE PLANTS AND STRUCTURAL ROOT PLATES OF EXISTING TREES. COORDINATE WITH DESIGN PROFESSIONAL. <u>PLANTING SOIL MIX NOTES:</u> 1. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROCURING A LANDSCAPE SOIL REPORT FROM PROFILE SOIL SOLUTIONS: https://profileps3.com/, LOCAL EXTENSION SERVICE (AGRICULTURAL AND ENVIRONMENTAL SERVICES LABS: http://aesi.ces.uga.edu/), OR OTHER VENDOR. 2. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL TOPSOIL, PLANTING SOIL MIX AND OTHER ADDITIVES AND MUST APPROVED BY THE DESIGN PROFESSIONAL/ OWNER'S REPRESENTATIVE PRIOR TO ANY BACKFILLING. 3. THE TYPICAL PLANTING SOIL MIX FOR ON-GRADE PLANTINGS (TREES, SHRUBS & GROUND COVERS) SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE INDICATED ON THE DRAWINGS: 3.1. 60% TOPSOIL (AS SPECIFIED), 40% MR. NATURAL CLM (COMPLETE LANDSCAPE MIX) BY ITS AULNATURAL, LLC, OR AS NOTED BELOW AS AN EQUIVALENT 40% OF PREPARED ADDITIVES (BY VOLUME AS FOLLOWS): 3.1.1. 2 PARTS HUMUS AND/OR PEAT, 1 PART STERILIZED COMPOSTED COW MANURE 3.1.2. 1 PART SHREDDDED PINE BARK (BARK PIECES BETWEEN ½ INCH AND 2 INCHES IN LENGTH) 3.1.3. COMMERCIAL FERTILIZER OR LIME AS RECOMMENDED IN SOIL REPORT (IF ANY). 4. TYPICAL PLANTING SOIL MIX FOR PERENNIAL OR SEASONAL COLOR BEDS CONSIST OF TOPSOIL AND THE FOLLOWING SOIL AMENDMENTS BY VOLUME: 4.1. 40% TOPSOIL (AS SPECIFIED) 4.2. 25 % HUMUS 15% PULVERIZED PINE BARK MULCH (FINGERNAIL SIZED CHIPS - 1/4 INCH MAX. 4.3. 5% STERILIZED COMPOSTED COW MANURE 4.4. 5 % SAND (ANGULAR BUILDERS SAND) LIME AT A RATE OF 5 LBS. PER 50 SQ. FEET (ADJUST FOR ALKALINE SOILS). 4.5. COMMERCIAL FERTILIZER OR LIME AS RECOMMENDED IN SOIL REPORT (IF ANY). <u>WATERING/IRRIGATION:</u> 1. WATERING AFTER INSTALLATION AND WATER TRANSPORTATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. 2. USE OF TREE CAMEL, OOZE TUBES OR TREE GATOR BAGS FOR TREES ARE ACCEPTABLE. 3. INSTALLATION OF A PERMANENT IRRIGATION SYSTEM IS NOT PROPOSED. THE CONTRACTOR MAY CHOOSE TO INSTALL A TEMPORARY IRRIGATION SYSTEM IN ORDER TO ESTABLISH INSTALLED PLANT MATERIAL. SUBMIT A PLAN FOR A TEMPORARY SYSTEM TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THE SYSTEM SHALL BE DESIGNED TO PROVIDE FULL AND COMPLETE COVERAGE TO ALL LANDSCAPED AREAS OF THE SITE INDICATED ON THE LANDSCAPE PLAN. 4. ALL MATERIALS USED IN THE DESIGN OF THE TEMPORARY SYSTEM, INCLUDING SPRINKLER HEADS, VALVES, VALVE BOXES, CONTROLLERS, PUMPS, BACKFLOW PREVENTORS, RAIN AND FREEZE SENSORS, DRIP EQUIPMENT, WIRE, ELECTRICAL CONNECTIONS, AND PVC PIPE AND FITTINGS, SHALL MEET MINIMUM INDUSTRY STANDARDS.					MANUFACTURER AND MODEL MUST BE SPECIFIED. 5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY SYSTEM AFTER SUBSTANTIAL COMPLETION IS OBTAINED. 6. IF PLANTING AREAS ARE NOT IRRIGATED OR IF IRRIGATION IS NOT OPERATING, HAND WATER ROOT BALLS (OR PLANT BEDS FOR GROUNDCOVERS) OF ALL PLANTS TO ASSURE THAT THE ROOTS HAVE ADEQUATE MOISTURE. TEST THE MOISTURE CONTENT IN EACH ROOTBALL TO DETERMINE WATER CONTENT. THE CONTRACTOR SHALL INSTALL ONE SET OF WATERING BAGS FOR EACH TREE TO BE MAINTAINED (AND NOT IRRIGATED) FOR TREE WATERING DURING THE WARRANTY PERIOD. WATERING BAGS SHALL BE REMOVED BETWEEN DECEMBER 1 AND MARCH 1. 7. IF NO TEMPORARY SYSTEM IS PROPOSED, THE CONTRACTOR SHALL DEVELOP A SCHEDULE FOR MANUAL WATERING OF PLANTS. THIS SCHEDULE SHOULD BE INCLUDED IN ANY MAINTENANCE AGREEMENT AND/OR BONDING OF LANDSCAPE MATERIAL AND SHOULD INDICATE THE PARTY RESPONSIBLE FOR PERFORMING THE MANUAL WATERING. THE DURATION OF THE SCHEDULE OF MANUAL WATERING SHOULD BE EQUAL TO THE DURATION OF THE BOND PERIOD OR 12 MONTHS STARTING FROM THE INSTALLATION DATE, WHICHEVER IS GREATER. THE SCHEDULE SHOULD ALSO INDICATE THE AMOUNT OF WATER TO BE APPLIED PER WEEK. THE FOLLOWING IRRIGATION RATES ARE OFFERED AS A GUIDELINE; HOWEVER, THE SUPPLIER OF THE LANDSCAPE MATERIAL SHOULD BE CONSULTED FOR THEIR RECOMMENDATIONS. • TREES: SHOULD BE WATERED DAILY FOR MONTH 1, EVERY OTHER DAY FOR MONTHS 2-4, AND WEEKLY FOR MONTHS 5-12. APPLY 8 GALLONS PER 4" CALIPER TREE PER APPLICATION. ADJUST RATE TO LOCAL RAINFALL AMOUNT. (ASSUME 30 GALLONS PER TREE FOR EVERY INCH OF RAINFALL). • SHRUBS: SHOULD BE WATERED DAILY FOR MONTH 1, EVERY OTHER DAY FOR MONTHS 2-4, AND WEEKLY FOR MONTHS 5-12. APPLY 1 GALLON PER SHRUB PER APPLICATION. ADJUST RATE TO LOCAL RAINFALL AMOUNT. (ASSUME 2 GALLONS PER SHRUB FOR EVERY INCH OF RAINFALL) • TURF: SHOULD RECEIVE 1-INCH OF IRRIGATION PER WEEK APRIL THROUGH SEPTEMBER, 1/2-INCH OF IRRIGATION OCTOBER THROUGH MARCH. ADJUST RATE TO LOCAL RAINFALL AMOUNT. • NATIVE GRASS BEDS: WATER EVERY OTHER DAY FOR THE FIRST MONTH. ONLY CONTINUE WATERING AFTER THAT ONLY DURING EXTENDED OR FORECASTED DRY PERIODS, AND THEN, ONLY ONCE PER WEEK. <u>MULCHING:</u> 1. MULCH TOP OF ROOT BALLS AND PLANTING BEDS, COVERING THE ENTIRE PLANTING BED AREA. PROVIDE THE FOLLOWING THICKNESS OF MULCH. TOP OF MULCH SHALL BE SMOOTH AND EVEN IN ALL DIRECTIONS. A. TREE SHRUB AND GROUNDCOVER PLANTING AREAS: 3-INCH DEPTH CONTINUOUS FROM PLANT TO PLANT. DEPTH IS DEPTH AFTER SETTLING. B. PERENNIAL PLANTING AREAS: 3-INCH DEPTH CONTINUOUS FROM PLANT TO PLANT. DEPTH IS DEPTH AFTER SETTLING. 2. IN NO CASE SHALL MULCH COME IN CONTACT WITH ANY PART OF TRUNK OR ROOT FLARE. 3. APPLY MULCH AFTER ALL PLANTS HAVE BEEN INSTALLED AND APPROVED. 4. CONTRACTOR SHALL NOT OVER-MULCH PLANTING BEDS					WITH EXCESS MULCH. EXCESS MULCH SHALL BE REMOVED AND DISPOSED OF OFF-SITE. 5. LIFT ALL LEAVES, LOW HANGING STEMS AND OTHER GREEN PORTIONS OF PLANTS OUT OF THE MULCH IF COVERED. <u>WARRANTY:</u> 1. THE CONTRACTOR SHALL COMPLETELY WARRANTY ALL PLANT MATERIAL AS INDICATED BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION. MAINTENANCE WORK SHALL BE PERFORMED UNTIL DATE OF FINAL ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE WARRANTY PERIOD WITHIN TWO GROWING PERIODS (AS DIRECTED BY THE OWNER). 2. INSTALLER AGREES TO REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS, WORKMANSHIP, OR GROWTH WITHIN SPECIFIED WARRANTY PERIOD. A. WARRANTY PERIOD FOR TREES AND SHRUBS: ONE-YEAR FROM DATE OF SUBSTANTIAL COMPLETION. B. WARRANTY PERIOD FOR VINES AND PERENNIALS: ONE-YEAR FROM DATE OF SUBSTANTIAL COMPLETION. 3. PLANTS SHALL BE HEALTHY, FREE OF PESTS AND DISEASE, AND IN FLOURISHING CONDITION AT THE END OF THE WARRANTY PERIOD. PLANTS SHALL BE FREE OF DEAD AND DYING BRANCHES AND BRANCH TIPS, AND SHALL BEAR FOLIAGE OF NORMAL DENSITY, SIZE, AND COLOR FOR THE SPECIES. 4. PLANTS THAT ARE DEAD, DISEASED, INSECT INFESTED, OR NOT IN A VIGOROUS, THRIVING CONDITION, AS DETERMINED BY THE DESIGN PROFESSIONAL DURING OR AT THE END OF THE WARRANTY PERIOD, SHALL BE DEEMED DEFECTIVE. PLANTS THAT HAVE HAD MORE THAN 25% OF THEIR BRANCHES DIE OR REMOVED SHALL BE REPLACED. PLANTS THAT HAVE HAD A MAJOR BRANCH OR SIDE OF THE PLANT REMOVED SUCH THAT CURRENT OR FUTURE AESTHETIC APPEAL OR STRUCTURAL INTEGRITY OF THE PLANT, AS DETERMINED BY THE DESIGN PROFESSIONAL, IS DIMINISHED SHALL BE CONSIDERED DEFECTIVE. PLANT MATERIAL DETERMINED TO BE DEFECTIVE SHALL BE REPLACED WITHOUT COST TO THE OWNER. A. REMOVE DEFECTIVE OR DEAD PLANTS IMMEDIATELY. REPLACE AS SOON AS WEATHER CONDITIONS PERMIT AND WITHIN ONE OF THE SPECIFIED PLANTING PERIODS. 5. REPLACEMENTS SHALL CLOSELY MATCH ADJACENT SPECIMENS OF THE SAME SPECIES. REPLACEMENTS SHALL BE SUBJECT TO ALL REQUIREMENTS STATED IN THIS SPECIFICATION. MAKE ALL NECESSARY REPAIRS DUE TO PLANT REPLACEMENTS. SUCH REPAIRS SHALL BE DONE AT NO EXTRA COST TO THE OWNER. 6. THE WARRANTY OF ALL REPLACEMENT PLANTS SHALL EXTEND FOR AN ADDITIONAL ONE-YEAR PERIOD FROM THE DATE OF THEIR ACCEPTANCE AFTER REPLACEMENT. IN THE EVENT THAT A REPLACEMENT PLANT IS NOT ACCEPTABLE DURING OR AT THE END OF THE EXTENDED WARRANTY PERIOD, THE OWNER MAY ELECT ONE MORE REPLACEMENT ITEM OR CREDIT FOR EACH ITEM. THESE REPLACEMENT ITEMS ARE NOT PROTECTED UNDER A WARRANTY PERIOD. 7. AT THE END OF THE WARRANTY PERIOD, AND NO LESS THAN FIVE DAYS PRIOR TO FINAL INSPECTION, TREE TIES AND GUYING SHALL BE REMOVED FROM THE SITE. ALL TREES THAT HAVE LEANED SHALL BE STRAIGHTENED				
							REVISION DATES		CITY OF DECATUR PUBLIC WORKS															
							04/05/24		SIDEWALK REV.															

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	17	41

GENERAL SHEET NOTES

1. REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
2. REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
3. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
4. REFER EX-01 FOR EXISTING CONDITIONS.
5. REFER TO LANDSCAPE DETAIL SHEET 29-03 FOR PLANTING SCHEDULE.
6. PROTECT EXISTING LANDSCAPING IN DRIVEWAY EASEMENTS, (TYP.) ANY DISTURBANCE SHALL BE REPLACED IN KIND, (TYP.)

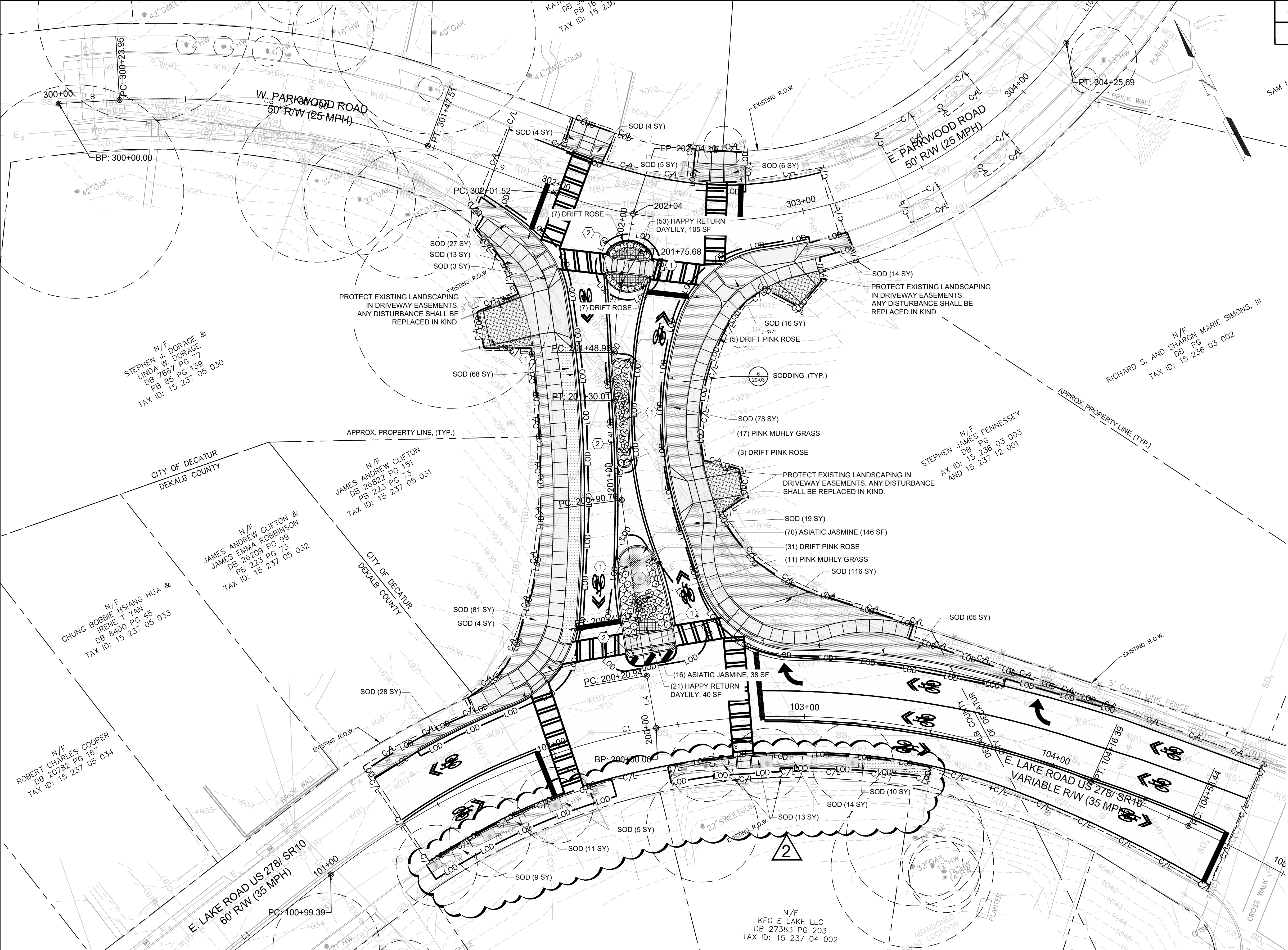
SHEET KEYNOTES

1. MULCH SHALL BE DARK BROWN DOUBLE SHREDDED HARDWOOD BARK MULCH, CLEAN AND FREE OF NOXIOUS WEEDS OR OTHER DELETERIOUS MATERIAL, DELIVER MULCH ON DAY OF INSTALLATION. USE 3" FOR TREES AND SHRUB BEDS, AND FOR PERENNIAL/GROUND COVER BEDS, UNLESS OTHERWISE DIRECTED. FOR TREES WITHIN SOD AREAS, PROVIDE 5'-0" DIAMETER MULCH RING. APPLY PELLET WEED PREVENTER UNDER ALL MULCH BEDS.
2. LANDSCAPE MEDIANS MUST HAVE CLEAN, CULTIVATED, FRIABLE SOIL. ONE-THIRD NATIVE SUBSOIL IS ACCEPTABLE IF THE ENTIRE AREA IS AMENDED WITH APPROPRIATE PLANT TOPSOIL AND THOROUGHLY TILLED. A MINIMUM OF 2'-0" OF PLANT TOPSOIL IS REQUIRED FOR LANDSCAPE MEDIANS. ANY "HARDPAN" SUBSOIL SHALL BE TILLED TO PROVIDE ADEQUATE SOIL PERCOLATION FOR HEALTHY PLANTING BED ENVIRONMENT.

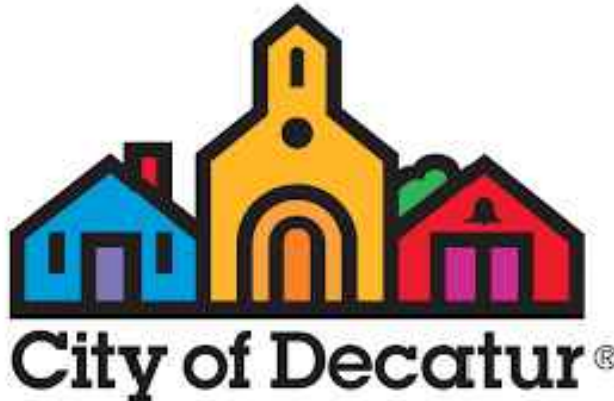
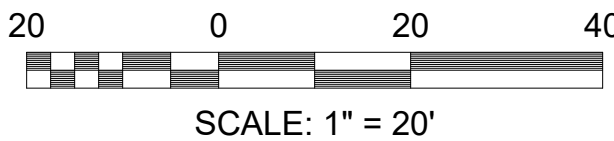
SEE

2	3	7
29-03	29-05	29-05

 FOR PLANTING DETAILS



PROPERTY LINE	---
LIMITS OF DISTURBANCE	— LOD —
CONSTRUCTION LIMITS	--- C/L ---
CRITICAL ROOT ZONE	---
MULCH	■
SOD	■



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30338
Tel: (770)335-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF0009002
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
04/05/24	△ SIDEWALK REV.
09/15/25	△ SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS

PARKWOOD TRAFFIC CALMING
LANDSCAPE PLAN

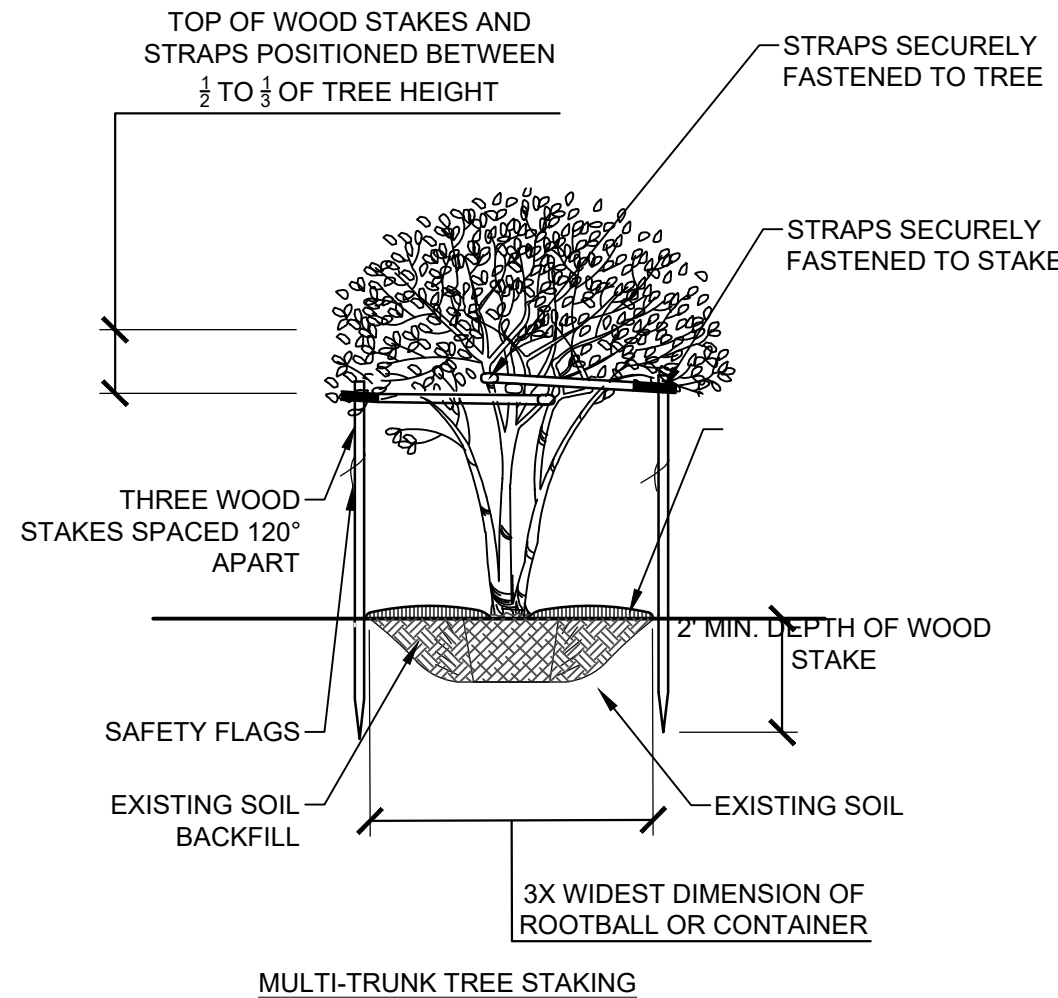
CHECKED:	R.R.	DATE:	DRAWING NO. 29-02
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

PLANT SCHEDULE

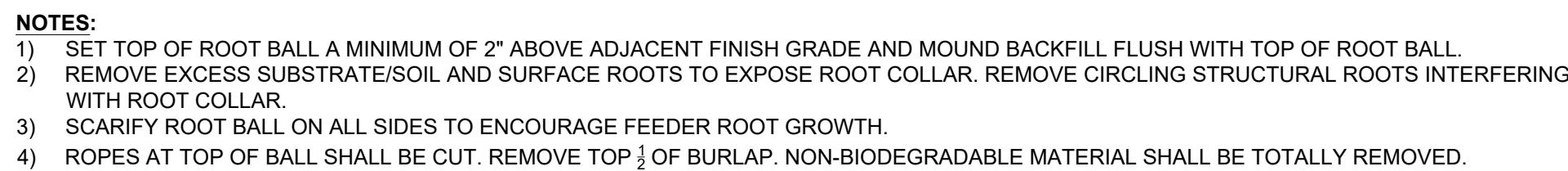
1 PLANT SCHEDULE

SCALE: NTS

-
- A plan view diagram of a tree. The diagram shows a central circular area representing the rootball, surrounded by a larger, irregular circular area representing the tree canopy. A central vertical line represents the tree trunk. Several lines radiate from the trunk, representing roots. Two small circles on the trunk are labeled 'STRAP'. Two small squares on the trunk are labeled 'WOOD STAKES'. The entire diagram is labeled 'PLAN VIEW' at the bottom.

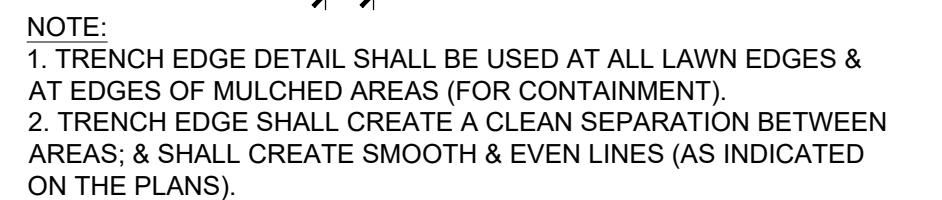


5 TREE STAKING (IF REQUIRED)
SCALE:

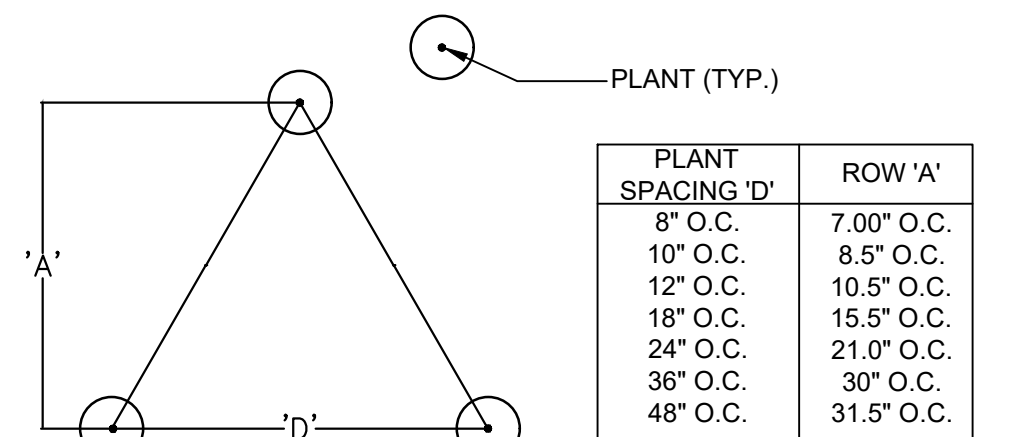


2 SHRUB AND GRASS PLANTING

SCALE: NTS



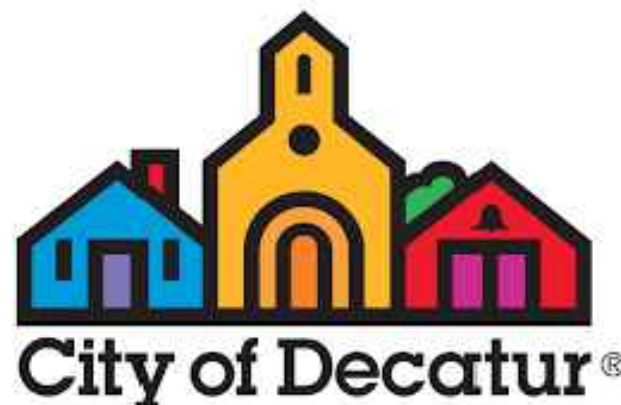
8 LANDSCAPE EDGING



9 TYPICAL PLANT SPACING

CITY OF DECATUR PUBLIC WORKS

CHECKED:	R.R.	DATE:		DRAWING NO. 29-03
BACKCHECKED:	R.R.	DATE:		
CORRECTED:	K.F.	DATE:		
VERIFIED:	R.R.	DATE:		



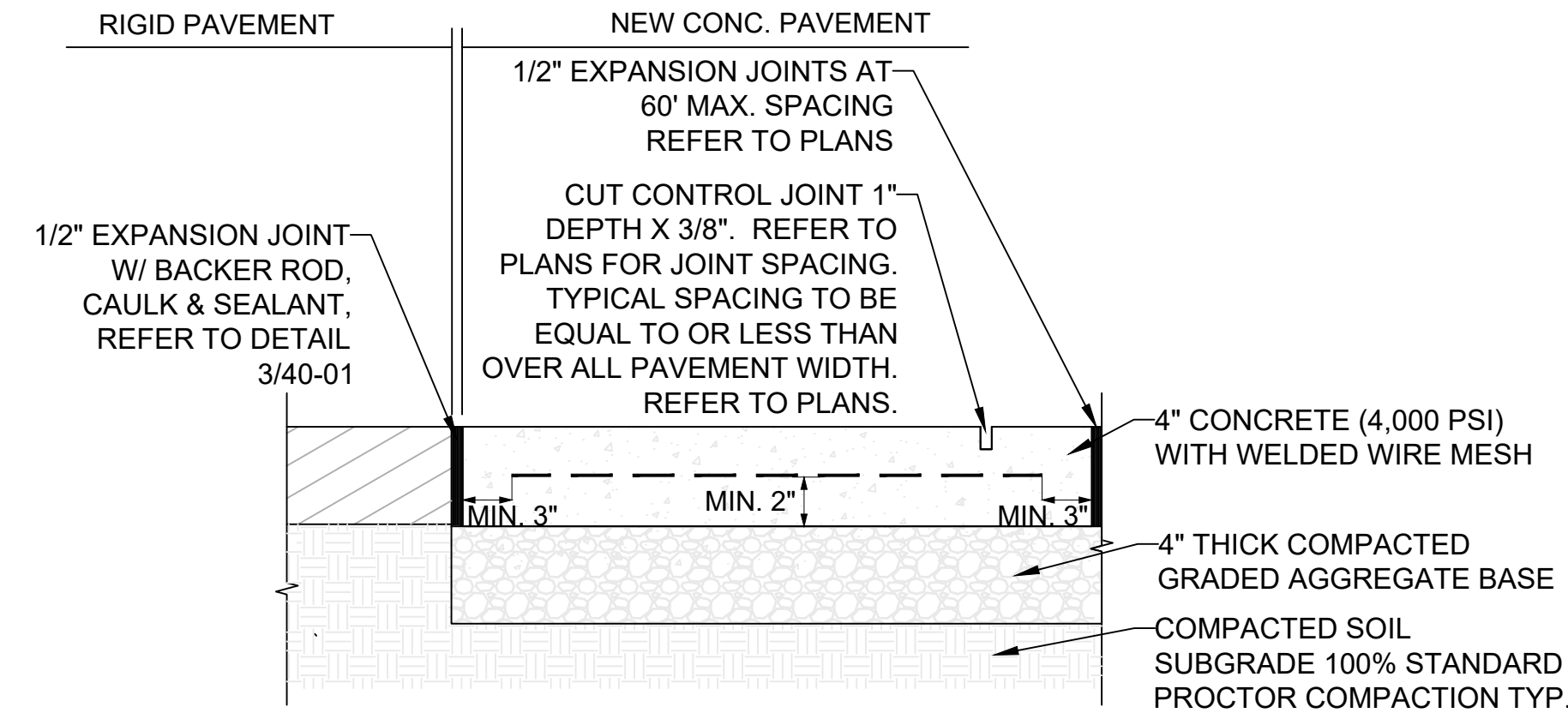
ATKINS

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

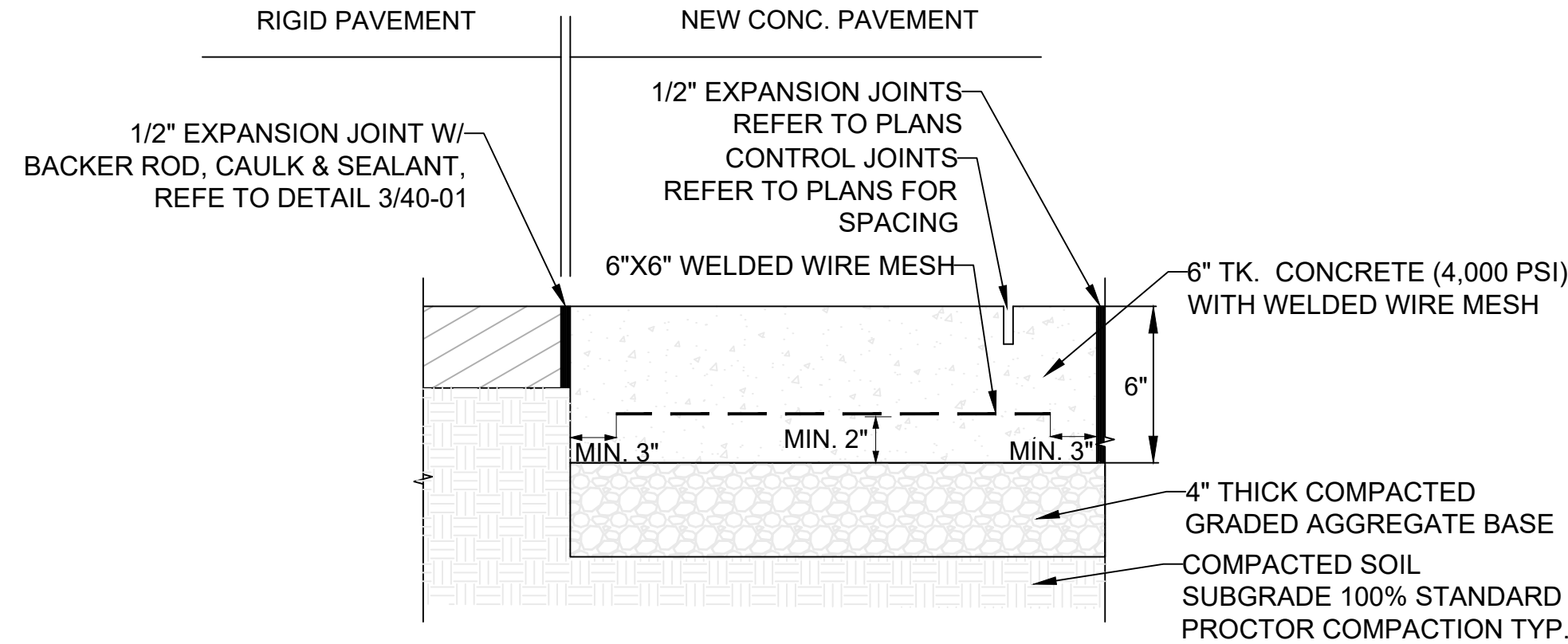


LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

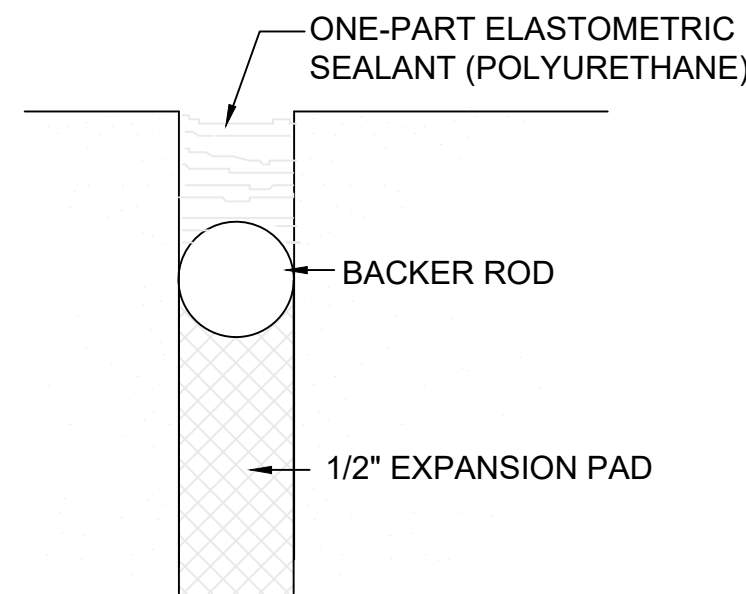
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	19	41



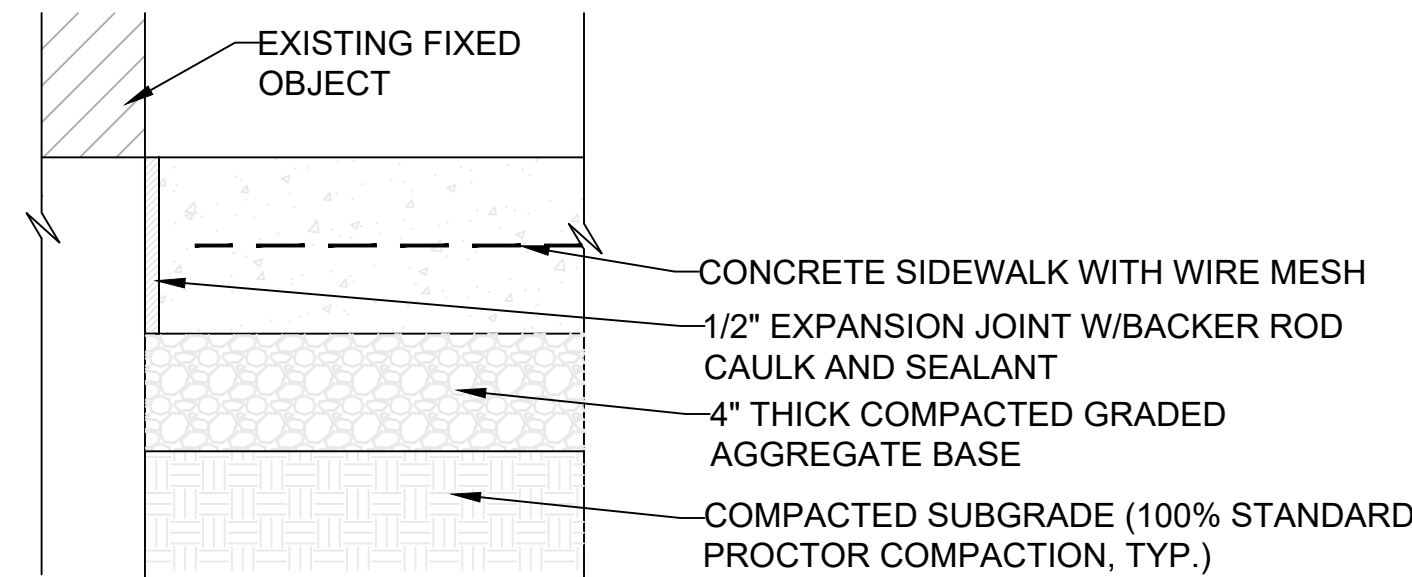
1 CONCRETE SIDEWALK PAVING SECTION
40-01 N.T.S.



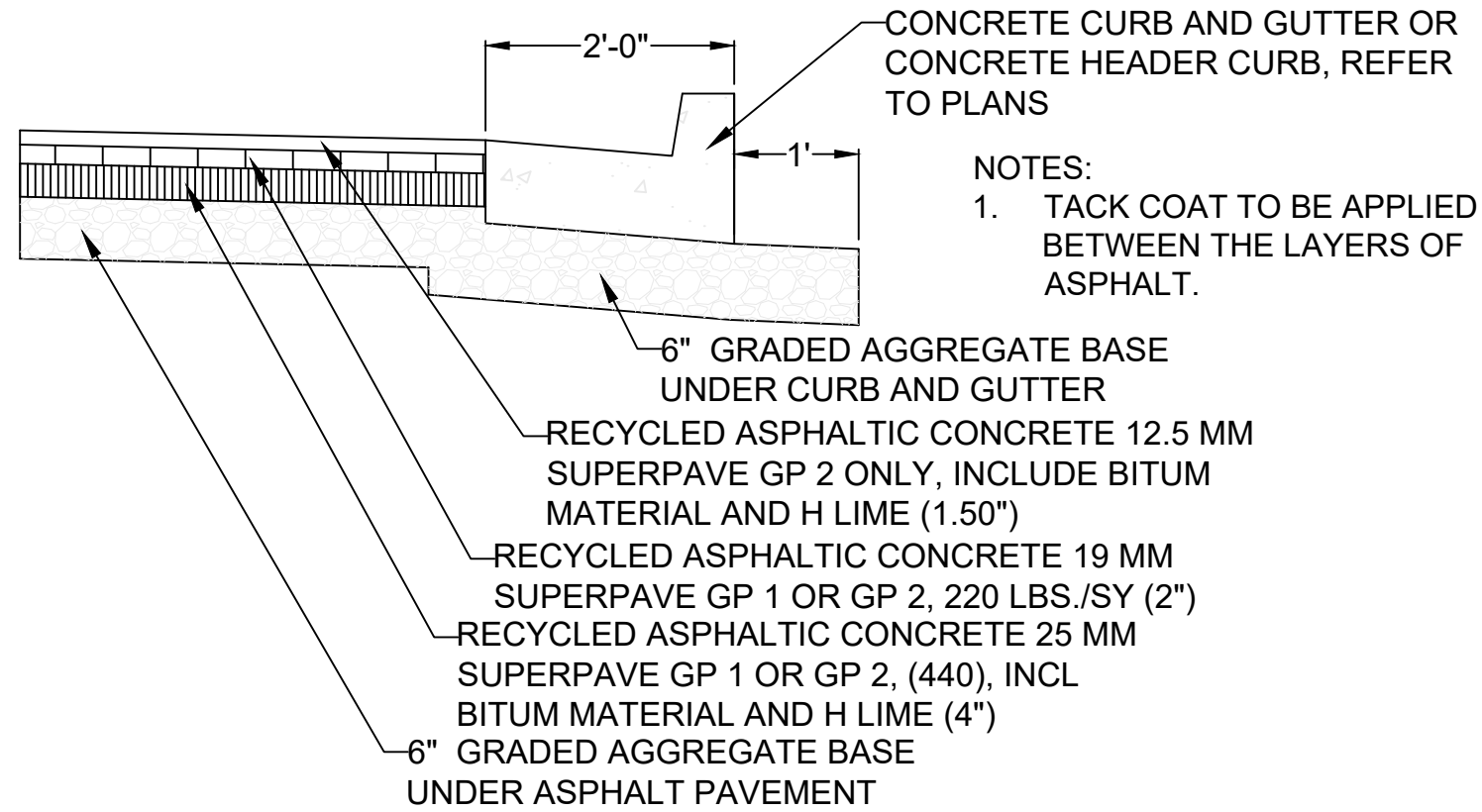
2 6" CONCRETE DRIVEWAY PAVING SECTION
40-01 N.T.S.



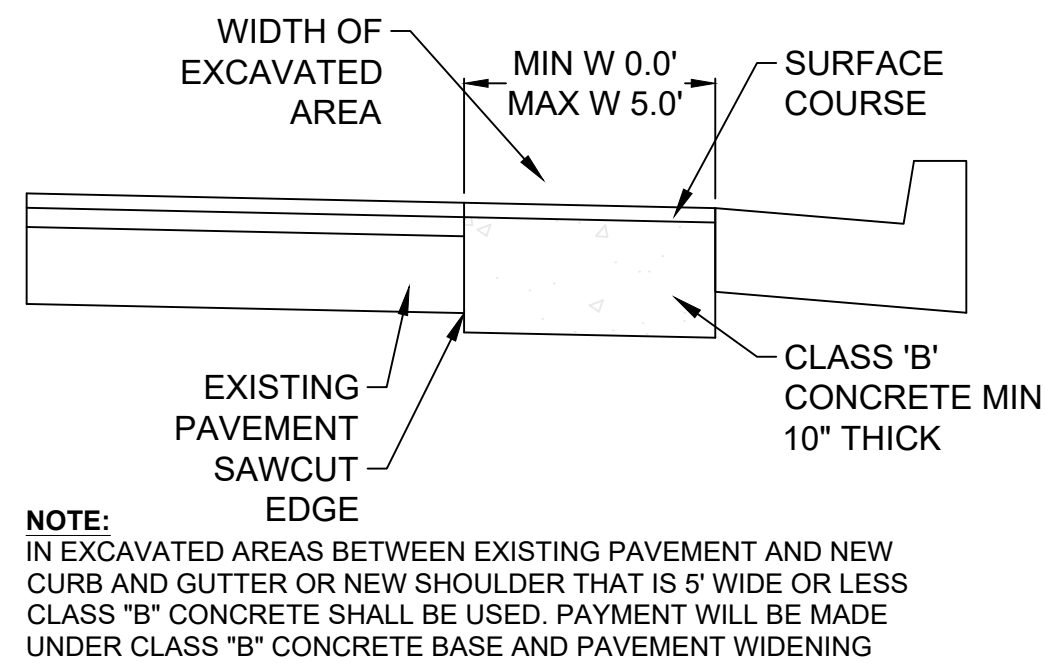
3 EXPANSION JOINT DETAIL
40-01 N.T.S.



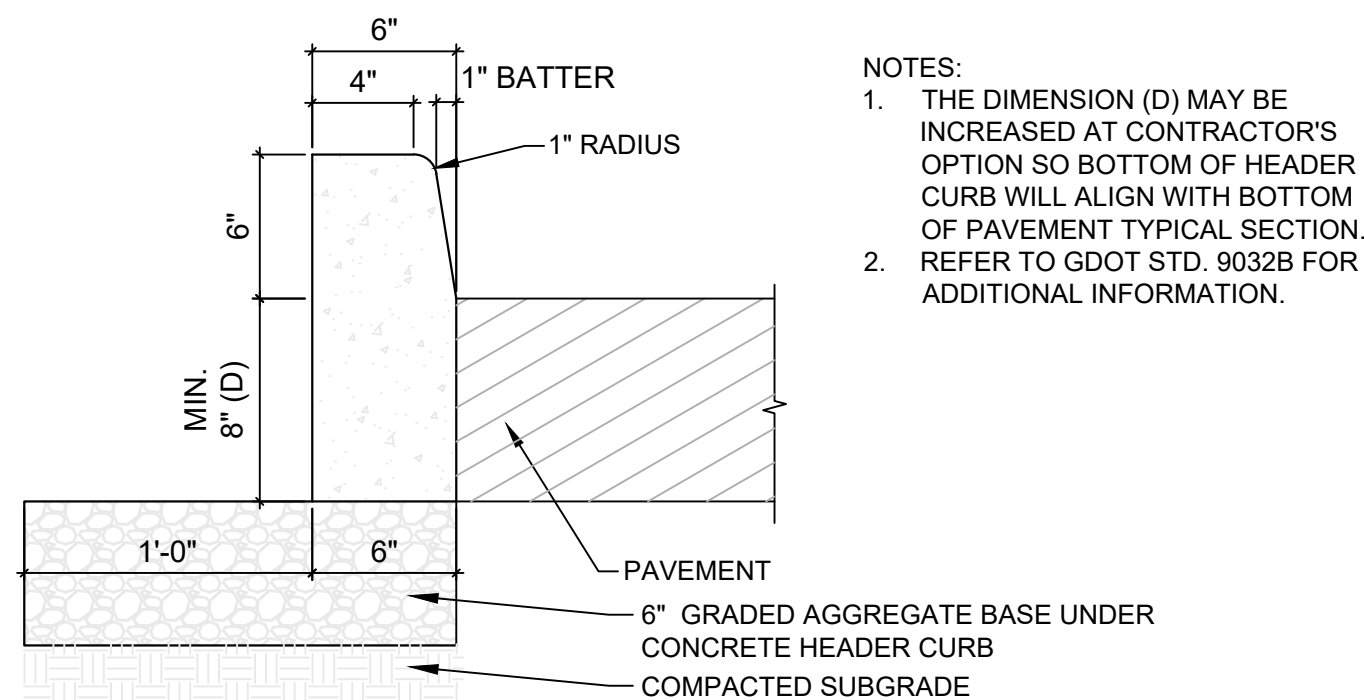
4 PAVING EXPANSION JOINT DETAIL (TYPICAL)
40-01 N.T.S.



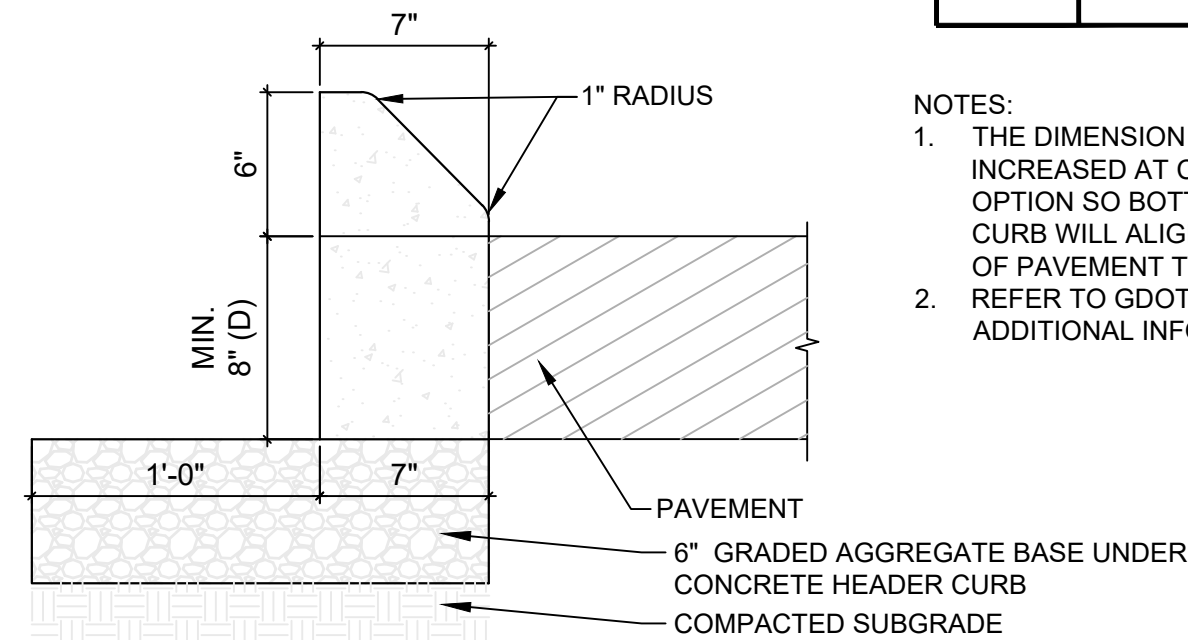
5 FULL DEPTH ASPHALT PAVEMENT
(AS DIRECTED BY ENGINEER)
40-01 N.T.S.



6 CLASS "B" CONCRETE BASE OR WIDENING DETAIL
40-01 N.T.S.

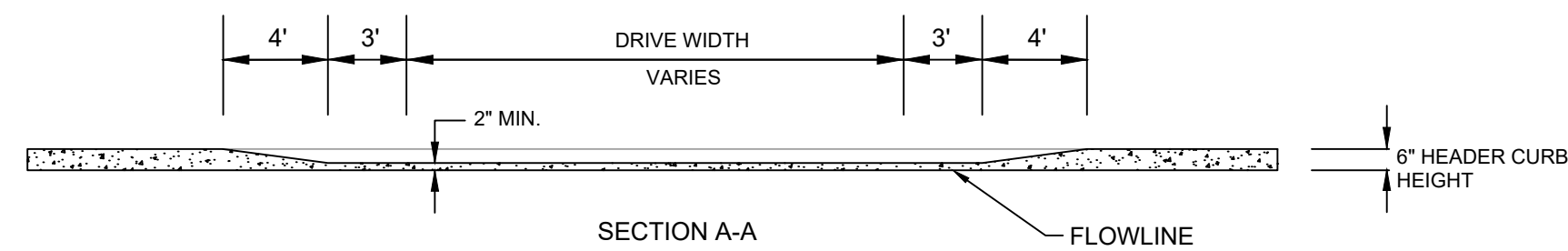
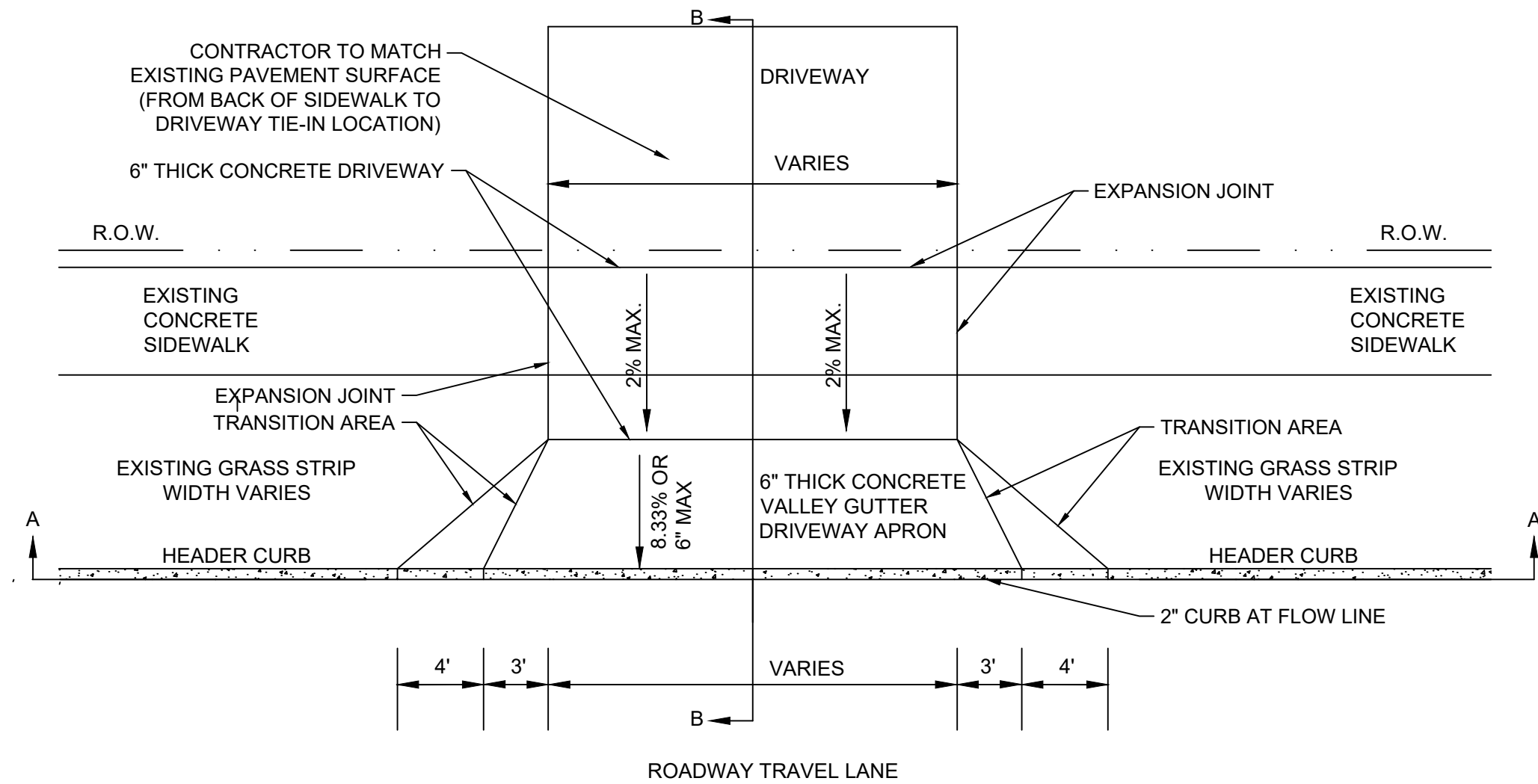


7 GDOT TYPE 2 CONCRETE HEADER CURB
40-01 N.T.S.

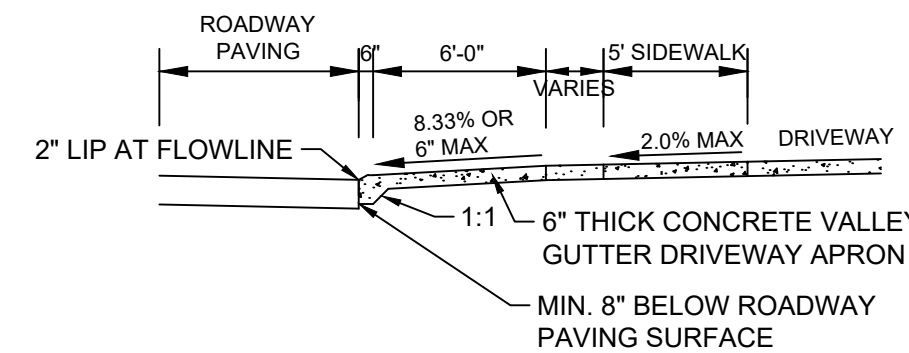


8 GDOT TYPE 7 CONCRETE HEADER CURB
40-01 N.T.S.

- NOTES:
1. THE DIMENSION (D) MAY BE INCREASED AT CONTRACTOR'S OPTION SO BOTTOM OF HEADER CURB WILL ALIGN WITH BOTTOM OF PAVEMENT TYPICAL SECTION.
2. REFER TO GDOT STD. 9032B FOR ADDITIONAL INFORMATION.



DRIVEWAY CONNECTION TO ROADWAY

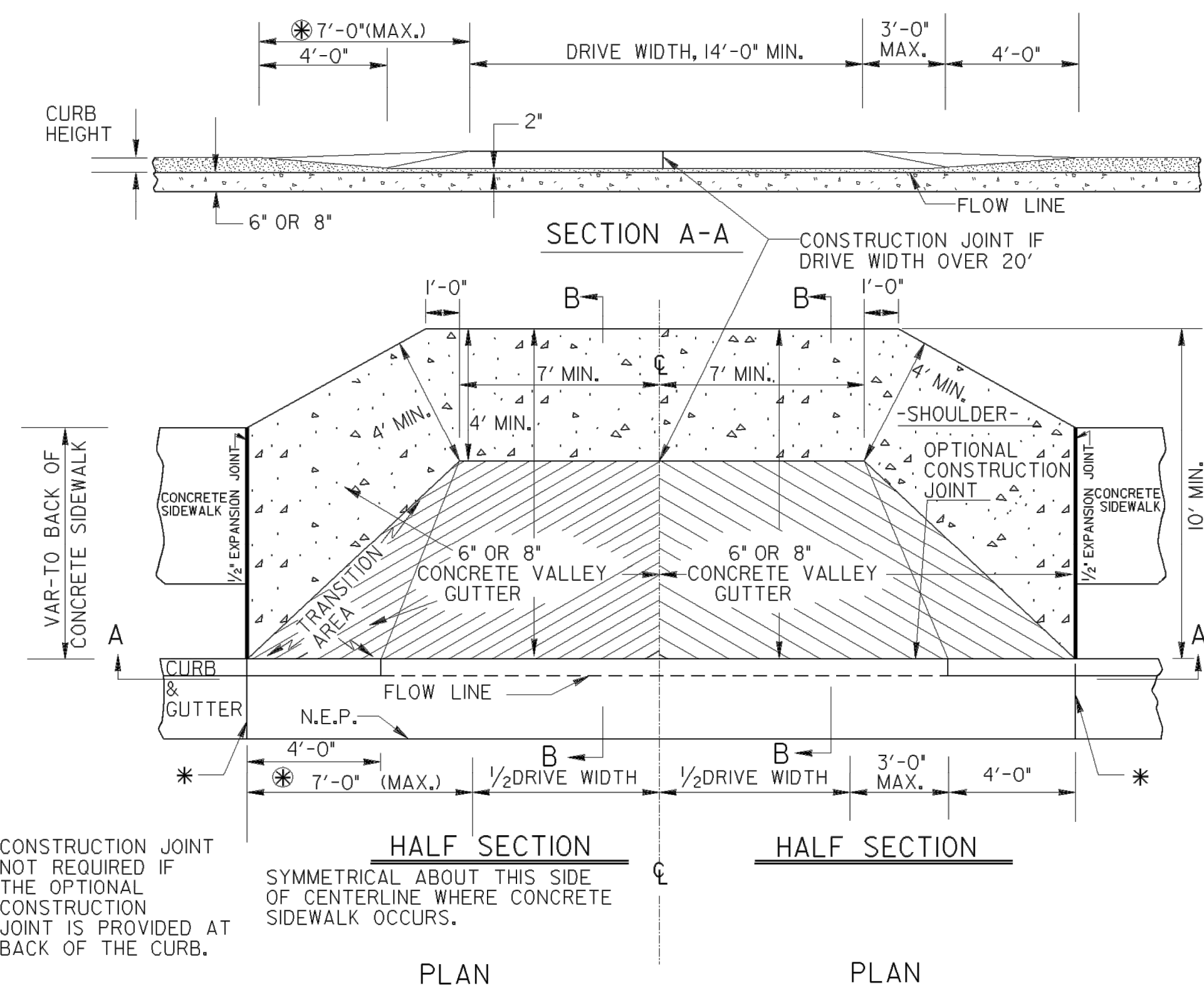
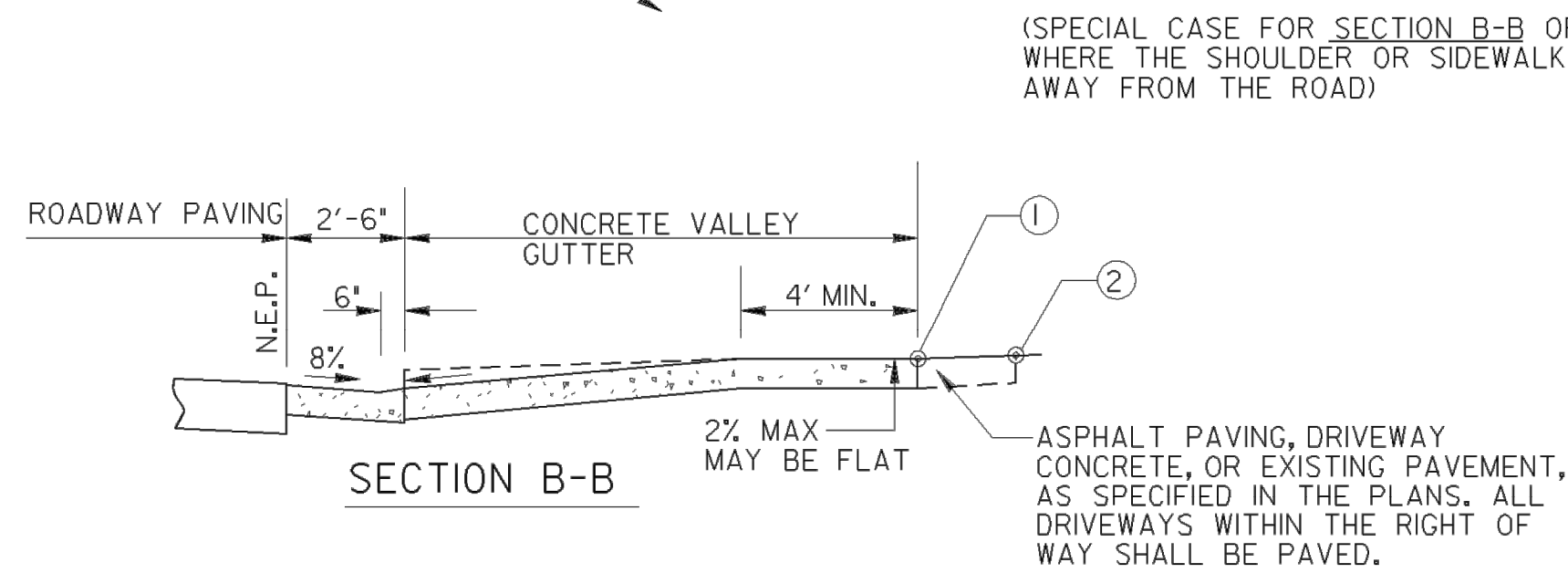
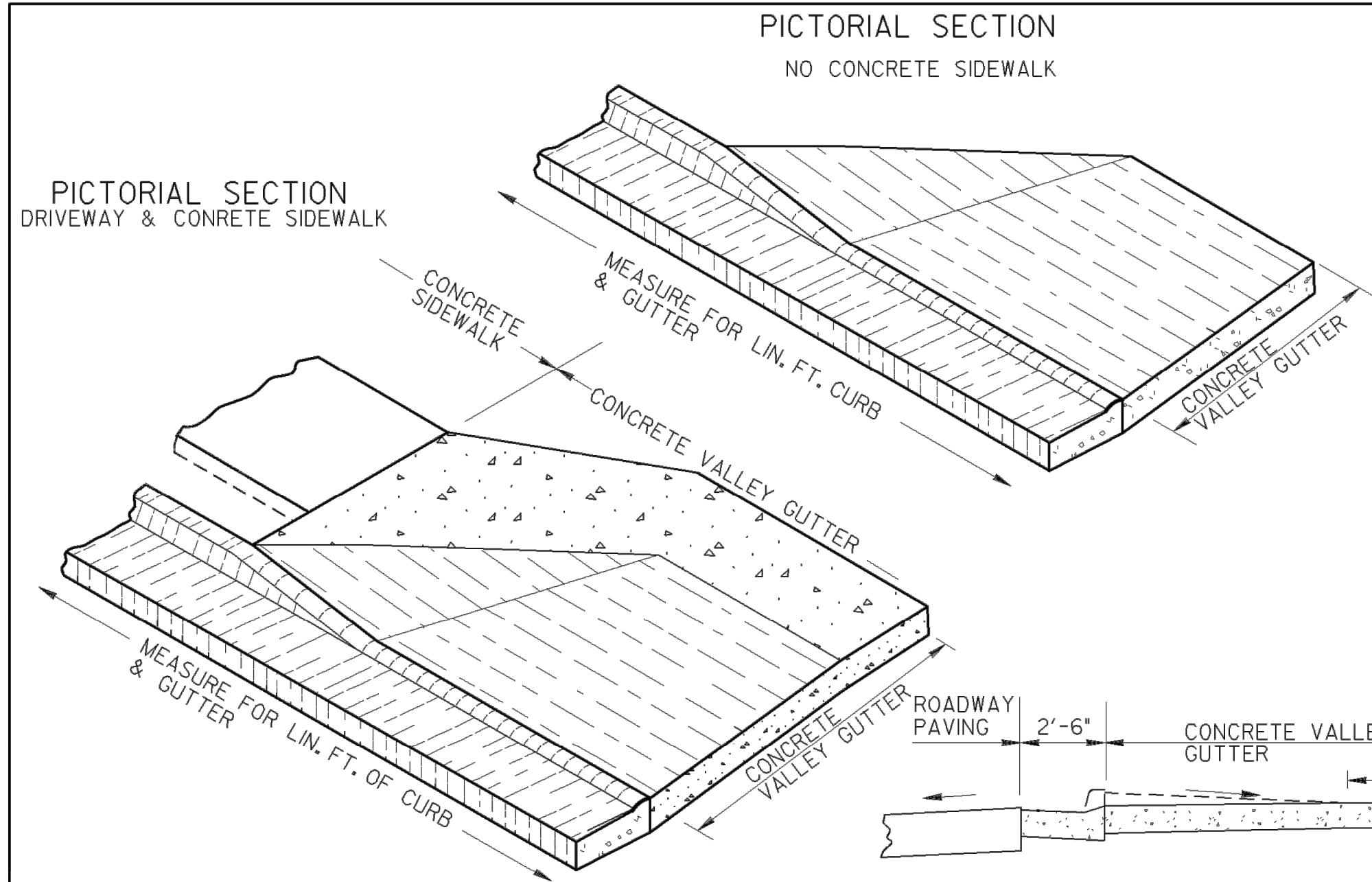


- NOTES:
1. DETAIL IS TO BE CONSTRUCTED SIMILAR TO GDOT A1. REFER TO GDOT CONSTRUCTION DETAIL A1 FOR ADDITIONAL INFORMATION.

9 DRIVEWAY APRON DETAIL
40-01 N.T.S.

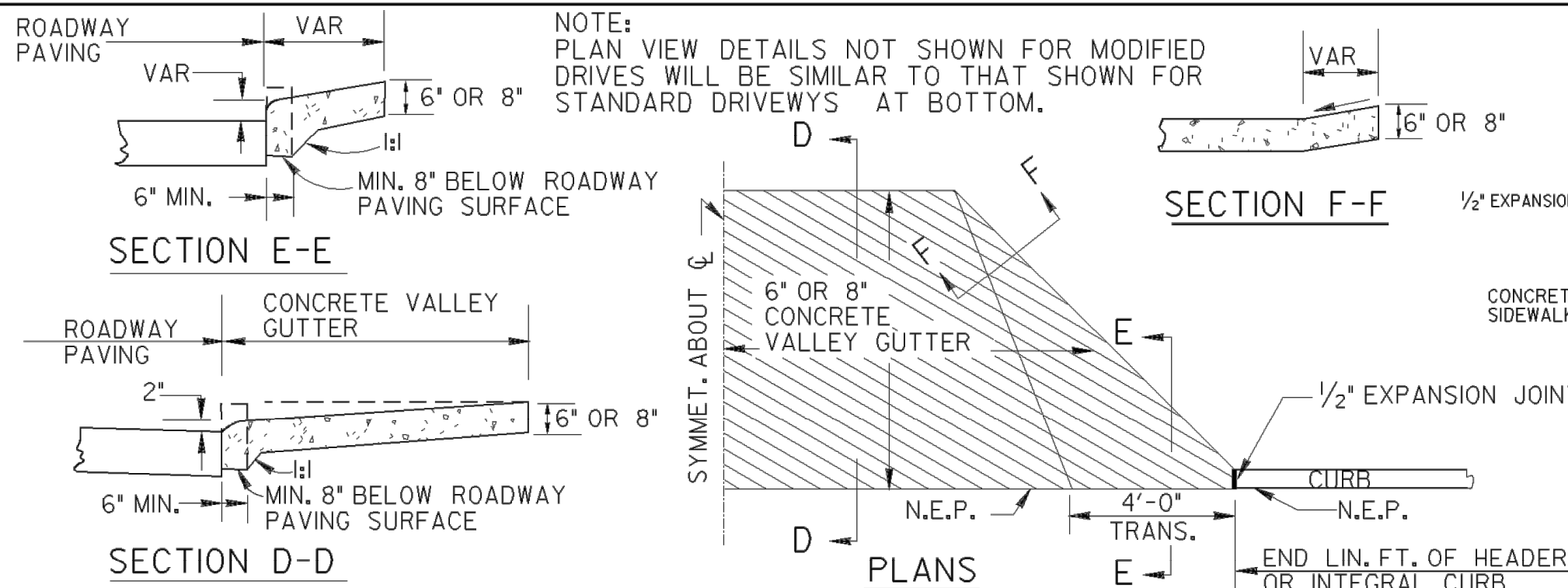
REVISION DATES	
04/05/24	SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS				
PARKWOOD TRAFFIC CALMING CONSTRUCTION DETAILS				
CHECKED:	R.R.	DATE:	DRAWING NO.	
BACKCHECKED:	R.R.	DATE:	40-01	
CORRECTED:	K.F.	DATE:		
VERIFIED:	R.R.	DATE:		

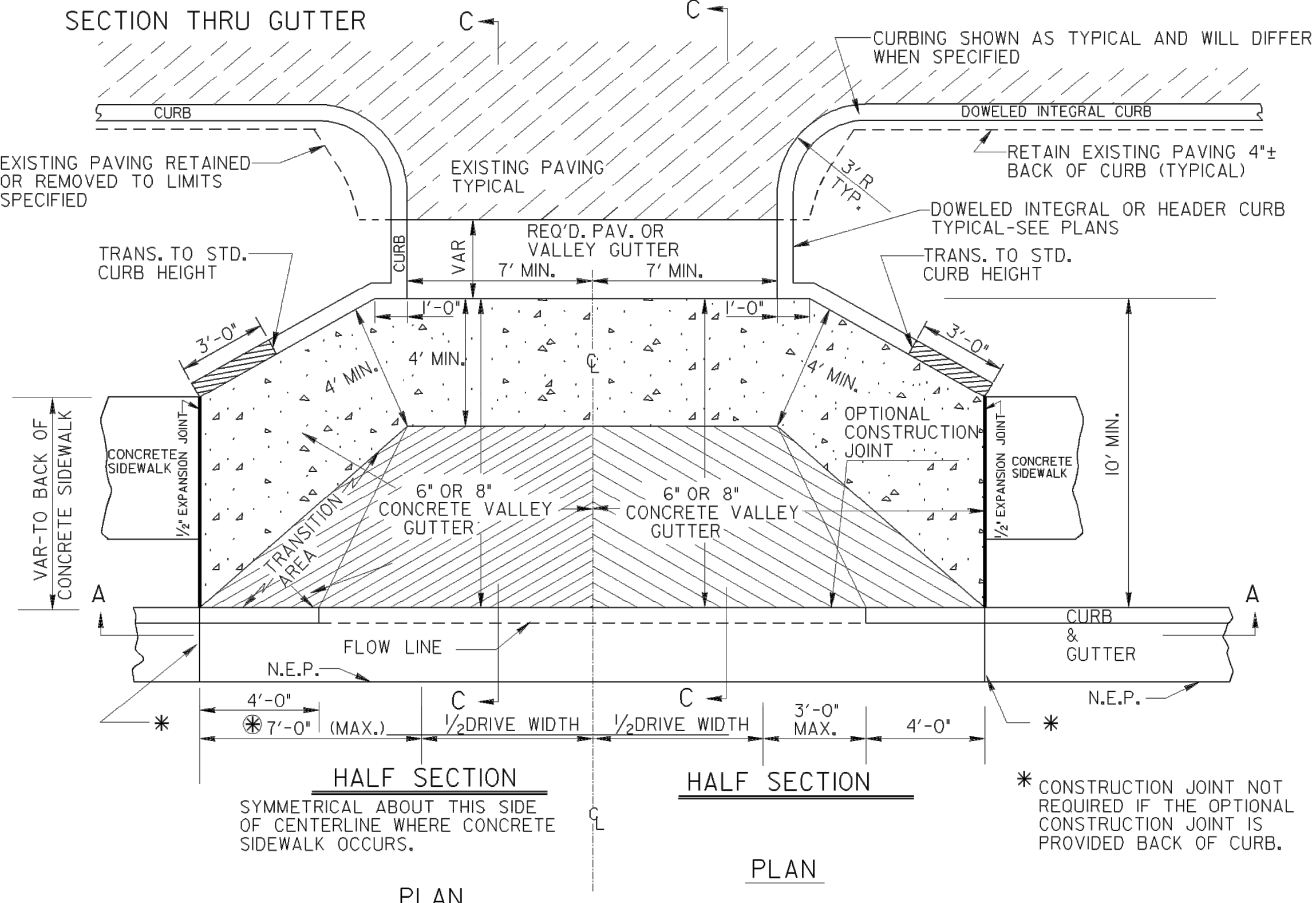
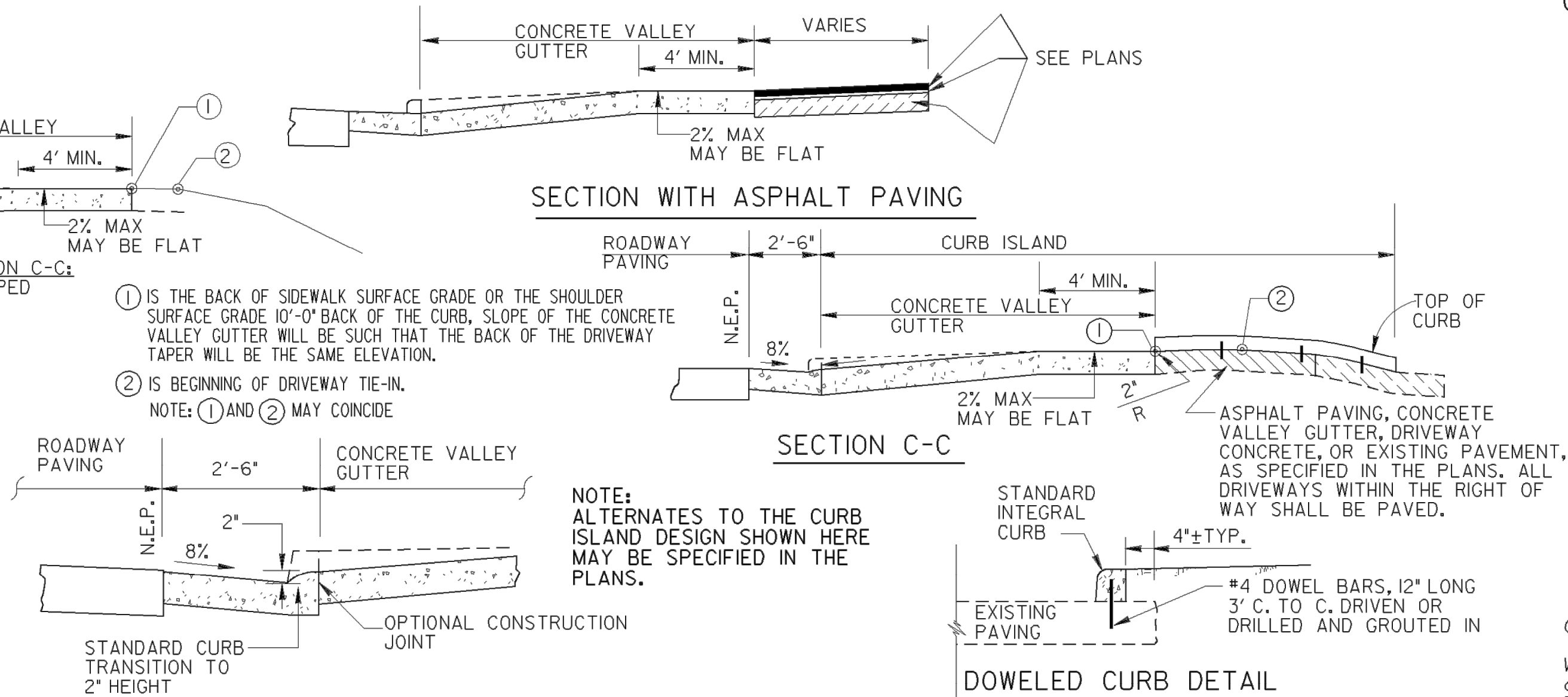


RESIDENTIAL, COMMERCIAL OR NON-COMMERCIAL DRIVE

⊗ 7'-0" OR DISTANCE EQUAL TO THAT FROM BACK OF CURB TO BACK OF SIDEWALK, WHICHEVER IS LESSER

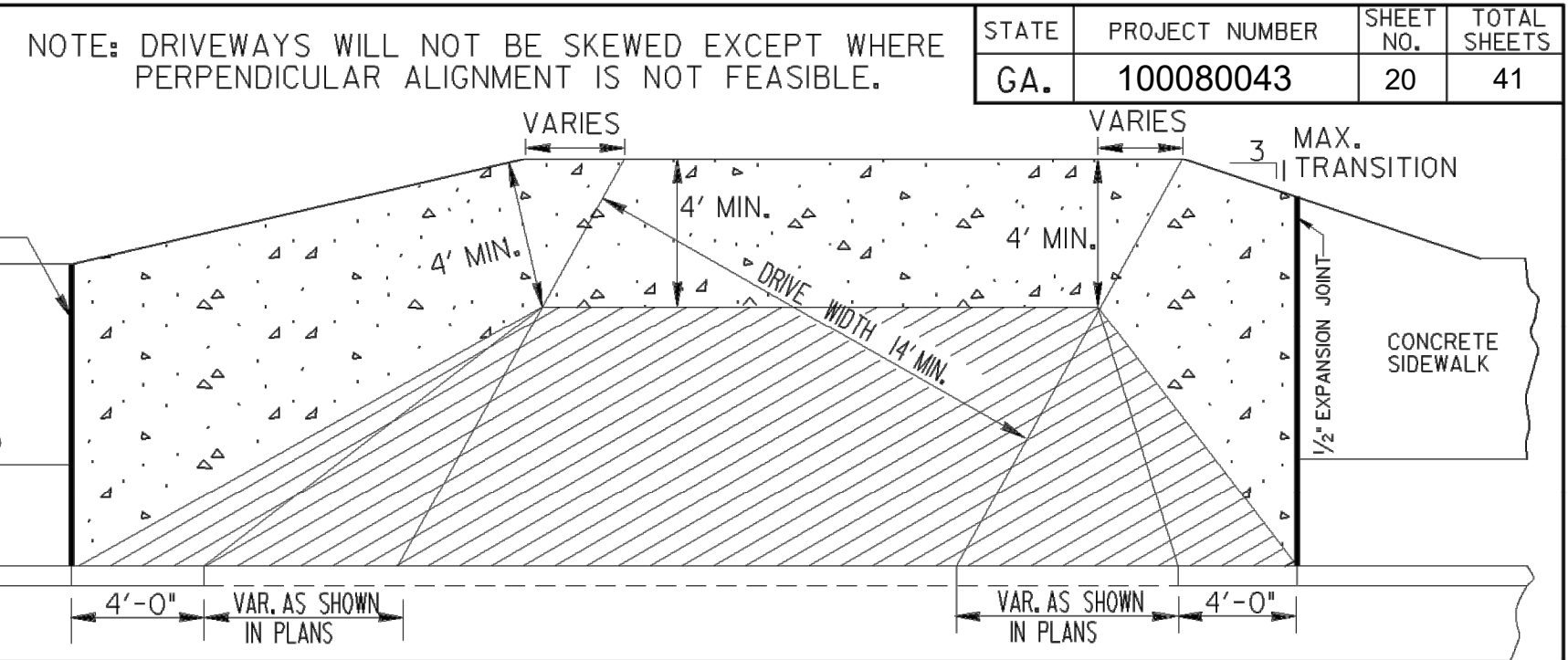


DRIVE MODIFIED FOR HEADER OR INTEGRAL CURB ALONG ROADWAY



DRIVEWAY WITH CURB ISLAND

(SHOWN ADJACENT TO EXISTING PAVED PARKING AREA)



DRIVE ENTRANCE MODIFIED FOR SKEW

GENERAL NOTES:

- QUANTITIES SHALL BE MEASURED AS FOLLOWS:
(A) CONCRETE CURB & GUTTER ALONG ROADWAY---
LIN. FT. OF CURB & GUTTER SHALL BE MEASURED FOR PAYMENT CONTINUOUS THRU THE DRIVE ENTRANCES. PAYMENT FOR CURB & GUTTER SHALL INCLUDE DAPPING DOWN THE TOP PORTION OF THE CURB. SQ. YDS. OF CONCRETE VALLEY GUTTER SHALL BE MEASURED FOR PAYMENT TO THE BACK OF THE CURB LINE.
(B) HEADER (OR INTEGRAL) CURB ALONG ROADWAY---
LIN. FT. OF CURB SHALL BE MEASURED FOR PAYMENT TO THE BEGINNING OF DRIVE WAY. SQ. YDS. OF CONCRETE VALLEY GUTTER SHALL BE MEASURED FOR PAYMENT TO THE EDGE OF THE ROADWAY PAVING.
- N.E.P. IS DEFINED AS THE POINT WHERE THE ROADWAY PAVING MEETS THE CURB & GUTTER, OR HEADER CURB, OR FACE OR THE INTEGRAL CURB.
- DRIVES RECONSTRUCTED SHALL BE REPLACED IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND PAVED TO THE RIGHT OF WAY LINE.
- SEE STANDARD 9032-B FOR DETAILS OF CONCRETE CURB & GUTTER, HEADER CURBS AND DOWELED INTEGRAL CURBS.
- WIDTHS OF COMMERCIAL DRIVEWAYS SHALL COMPLY WITH CURRENT RULES AND REGULATIONS FOR DRIVEWAY AND ENCROACHMENT CONTROL. WIDTHS OF RESIDENTIAL NON-COMMERCIAL DRIVEWAYS SHALL BE AS SPECIFIED IN THE PLANS.
- THE SLOPE OF THE "TRANSITION AREA" OF THE CONCRETE VALLEY GUTTER SHALL NOT BE STEEPER THAN 8% (2:1) WHERE SIDEWALKS ARE LOCATED.
- MAXIMUM DRIVEWAY GRADES SHOWN BELOW ARE INTENDED FOR RESIDENTIAL DRIVEWAYS WHERE FLATTER GRADES ARE NOT FEASIBLE. GRADES FOR COMMERCIAL DRIVEWAYS OR FOR TRUCKS SHALL NOT BE GREATER THAN 11% UNLESS SPECIFIED OTHERWISE.

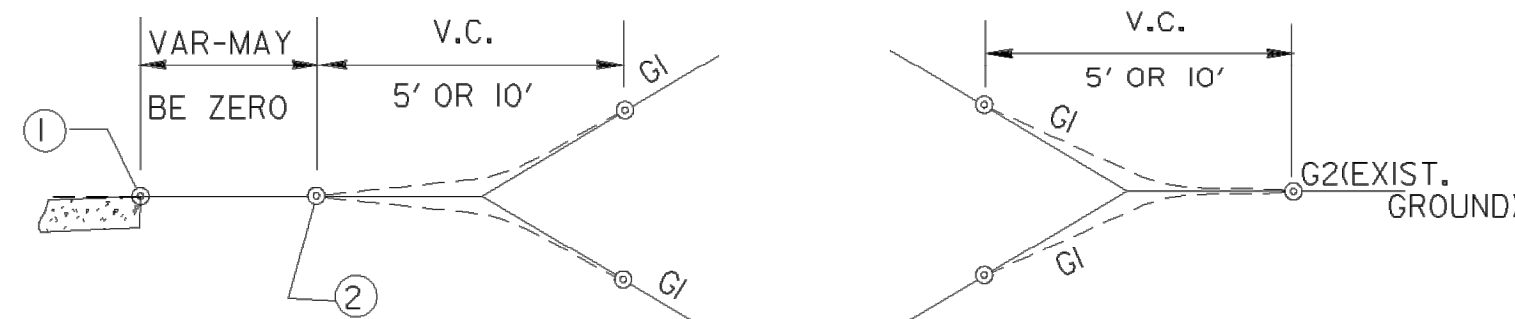
Guidelines For Usage On Metric Projects

When these details are incorporated into plans and or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following "Rounded-Off" conversion factors: 1"=25mm, 4"=100mm, and 12" or 1'=300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.

- IS THE BACK OF SIDEWALK SURFACE GRADE OR THE SHOULDER SURFACE GRADE 10'-0" BACK OF THE CURB. SLOPE OF THE CONCRETE VALLEY GUTTER WILL BE SUCH THAT THE BACK OF THE DRIVEWAY TAPER WILL BE THE SAME ELEVATION.
 - IS BEGINNING OF DRIVEWAY TIE-IN.
- NOTE: ① AND ② MAY COINCIDE

V.C.	MAXIMUM CUT	GI FILL
5'	27%	16.67%
10'	28%	27%

V.C.	GI-G2 (MAX. ALGEBRAIC GRADE CHANGE)	
	SAG	CREST
5'	21%	25%
10'	25%	36%



MAXIMUM DRIVEWAY GRADES (SEE GEN. NOTE 7)

This Detail Replaces Ga Standard 6050

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL
DRIVEWAYS WITH TAPERED
ENTRANCES
CONCRETE VALLEY GUTTERS

NO SCALE

MARCH 12, 2002

NUMBER
A1

Diagram illustrating the minimum width and offset requirements for a concrete sidewalk.

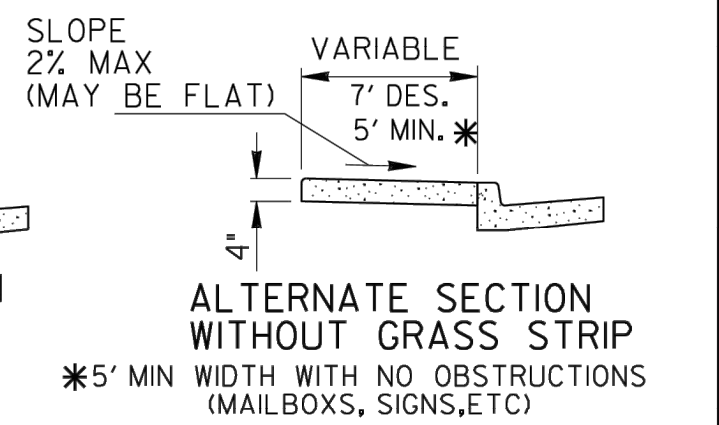
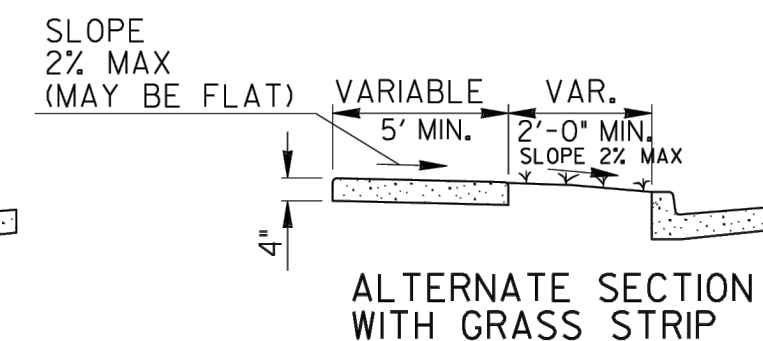
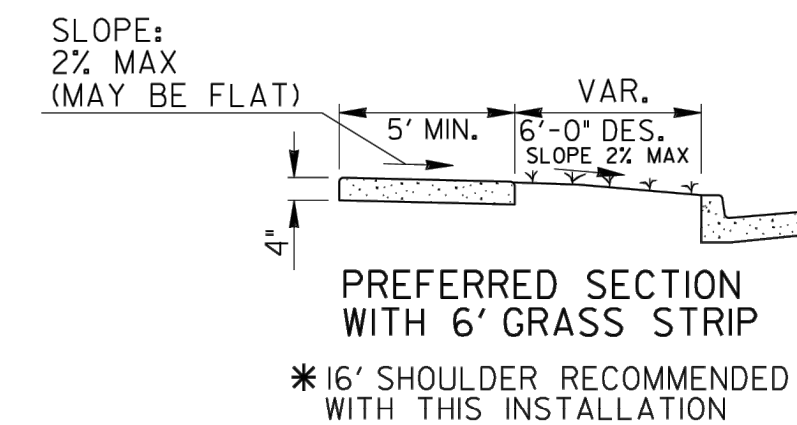
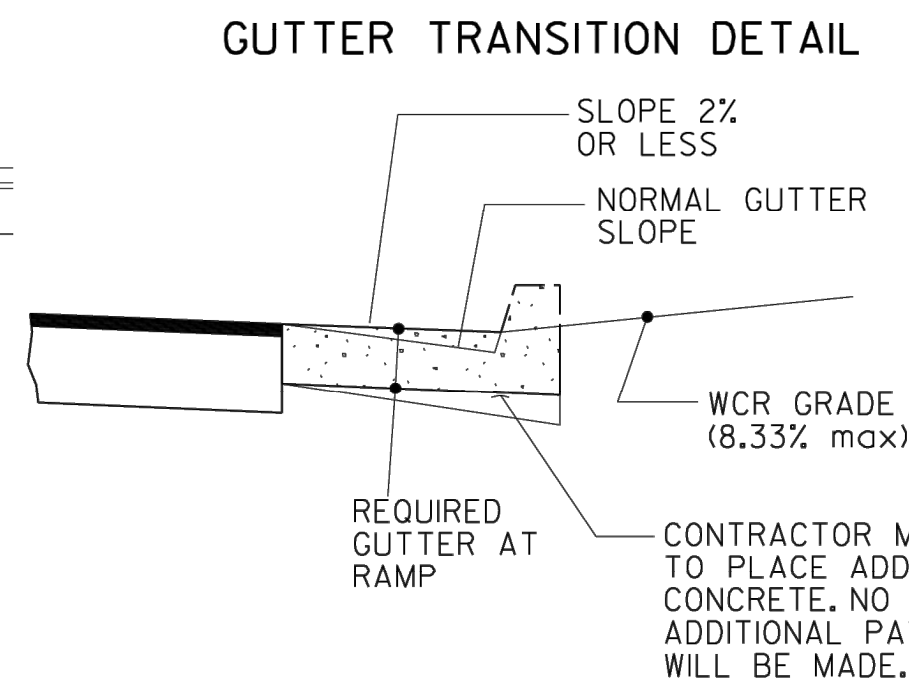
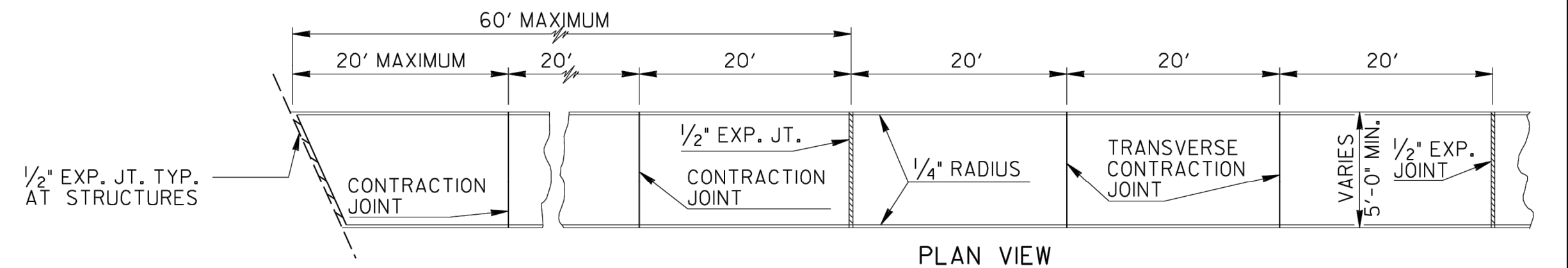
Labels and Dimensions:

- SIDEWALK
- CROSSWALK LINES
- CONCRETE SIDEWALK
- PAVEMENT EDGE
- CROSSWALK LINES
- BACK OF SIDEWALK MUST BE LOCATED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER SO AS NOT TO ENCRoACH INTO THE REQUIRED LEVEL LANDING AREA
- MINIMUM WIDTH OF 5' MAY BE INCREASED, AS NECESSARY, TO OBTAIN 4' MIN. OFFSET FROM CROSSWALK LINE - OR FOR TIGHT RADII CURBS.
- DIAGONAL CURB RAMP
- Dimensions: 4' MIN., 2'-0" MIN., 2'-0" MIN.

NOTE: THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. THE RAMP SLOPE MAY EXCEED 12:1 IF THE SITE CONDITIONS PREVENT THE USE OF A RAMP 15 FEET LONG.

NOTE: THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. THE RAMP SLOPE MAY EXCEED 12% IF THE SITE CONDITIONS PREVENT THE USE OF A RAMP 15 FEET LONG.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	100080043	21	41



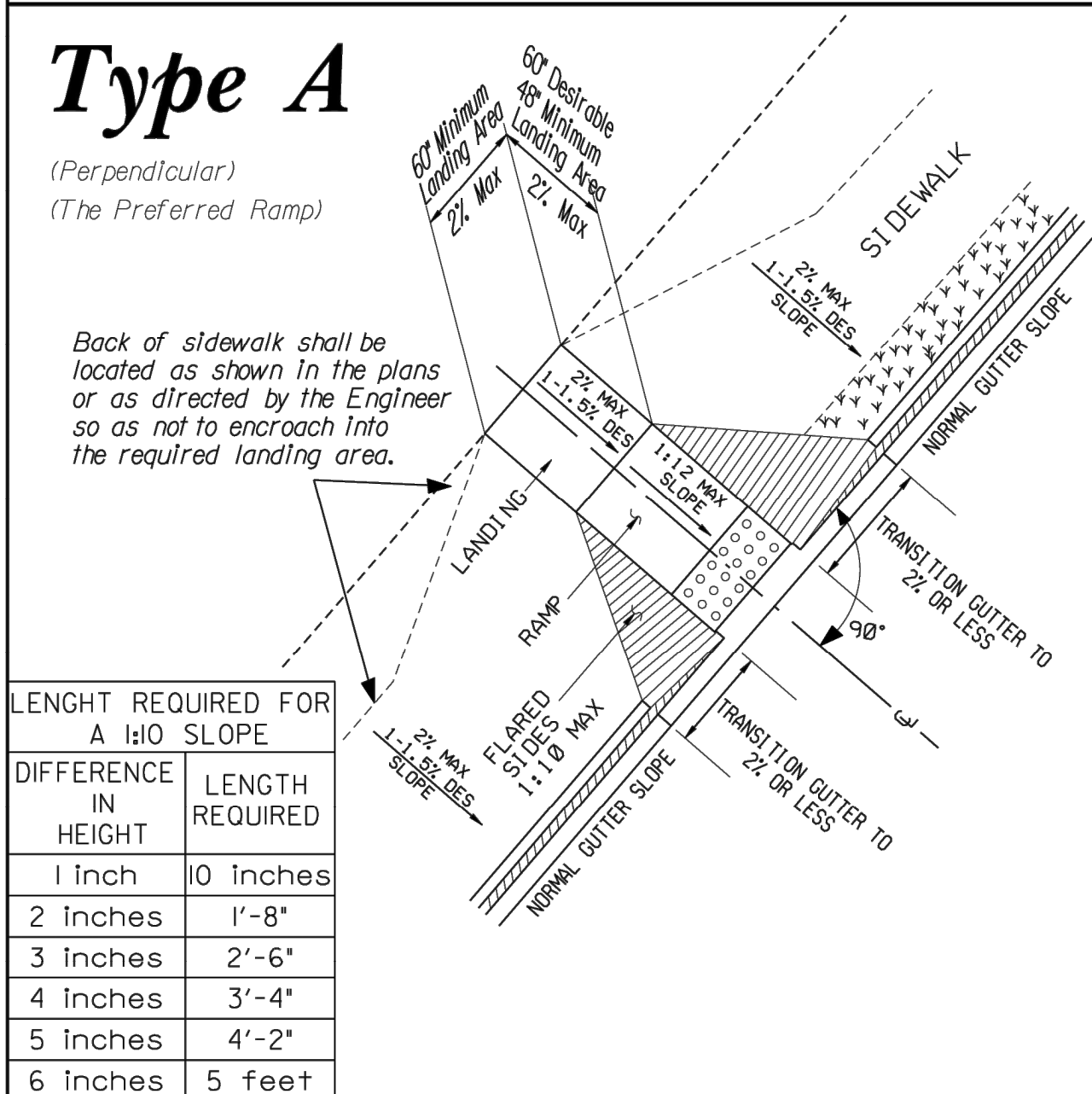
NOTES FOR CONCRETE SIDEWALK:

- A. CONCRETE TO BE PLACED 4" THICK AND FINISHED WITH TAMPS, WOOD FLOATS AND STIFF-BRISTLE BROOMS. (COST OF MIXTURE, COLORING & HOLES REQUIRED FOR MAILBOX AND SIGN POST SHALL BE INCLUDED IN THE PRICE BID FOR SIDEWALK)
- B. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 20 FT. INTERVALS. ALL EDGES TO BE ROUNDED TO 1/4" RADIUS.
- C. 1/2" EXPANSION JOINTS SHALL BE PLACED, WHERE SIDEWALK TIE INTO A STRUCTURE OR TERMINATE AT CURB, RAMPS OR DRIVEWAYS AND AT 60' INTERVALS.

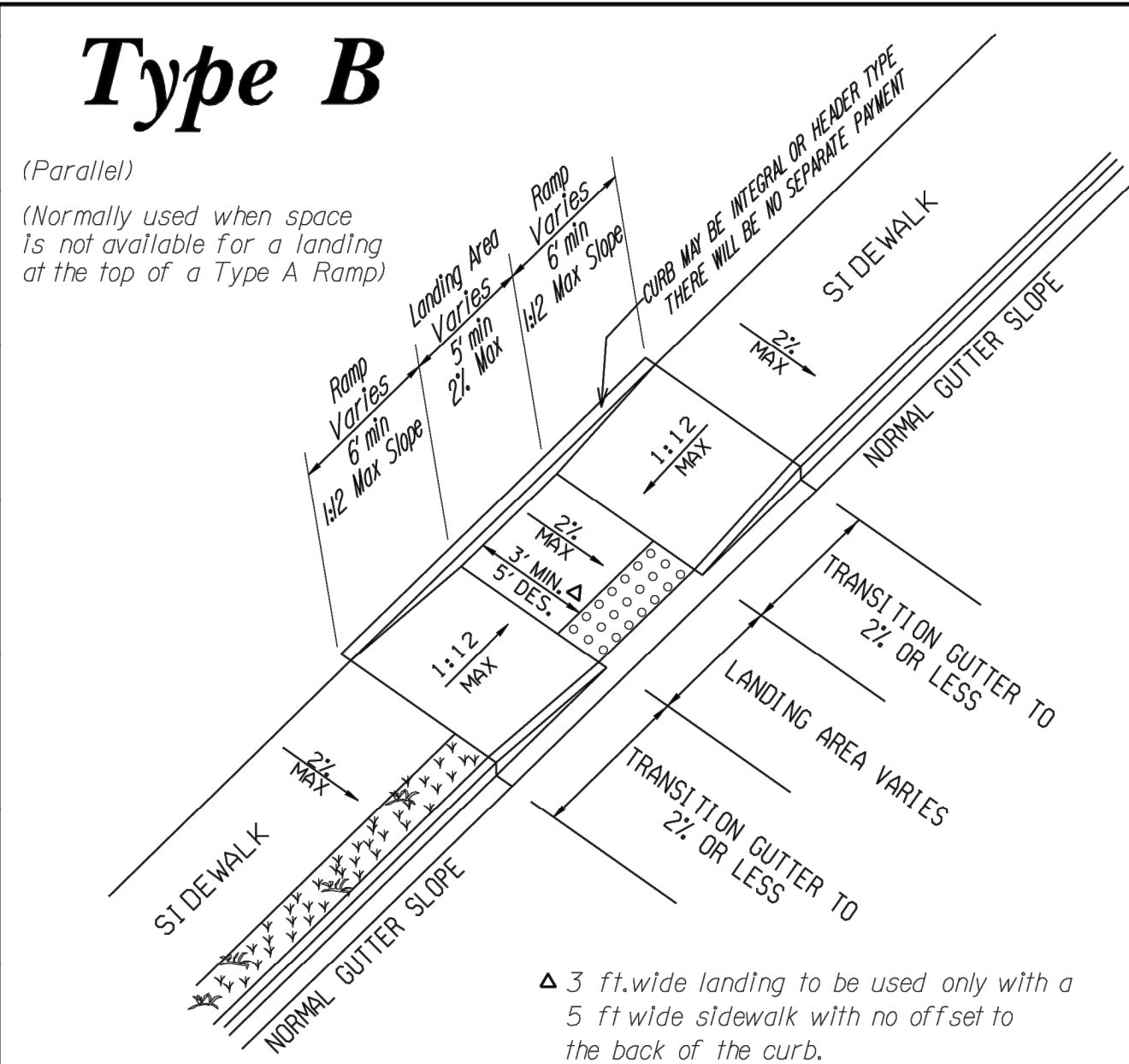
NOTES FOR CURB CUT RAMPS:

1. CURB CUT RAMPS WILL BE LOCATED AS FOLLOWS UNLESS PLANS OR CONTRACT SPECIFY OTHERWISE.
 - a) AT ALL PEDESTRIAN CROSSWALKS WHERE CURB IS CONSTRUCTED OR REPLACED.
 - b) WHERE THE SIDEWALK, CONCRETE OR UNPAVED, IS INTERRUPTED BY THE CURB AT TURNOUTS OR AT INTERSECTIONS.
 - c) AT OTHER LOCATIONS SUCH AS HOSPITALS, NURSING HOMES, REST AREAS, ETC.. WHERE THE CURB WOULD OTHERWISE BE AN OBSTRUCTION TO THE PHYSICALLY DISABLED.
2. RAMPS WILL BE CONSTRUCTED FROM CONCRETE. SPECIFICATIONS FOR RAMPS WILL BE THE SAME AS FOR CONCRETE SIDEWALK. RAMPS SHALL HAVE EITHER A ROUGH OR A TEXTURED FINISH.
3. DROP INLETS ARE NOT TO BE LOCATED DIRECTLY IN FRONT OF RAMPS. CATCH BASINS SHOULD BE LOCATED AT LEAST 10 FT. FROM RAMPS WHEN FEASIBLE.
4. WHERE RAMPS ARE LOCATED IN RADIUS, THE DIMENSIONS SHOWN FOR RAMP WIDTHS AND TAPERS ARE MEASURED PERPENDICULAR TO THE RAMP AND NOT ALONG THE CURVE.
5. WHERE UTILITY STRUCTURES CONFLICT, WHERE SIDEWALK GEOMETRY VARIES, AT SKEWED INTERSECTIONS, OR IN OTHER SPECIAL CASES, THE RAMP DESIGNS MAY BE MODIFIED BY THE DESIGNER OR ENGINEER, PROVIDED THAT THE WIDTH REMAINS A MINIMUM OF 48 INCHES, AND NO SLOPE ON THE ACCESSIBLE PART OF THE RAMP IS STEEPER THAN 12:1.
6. 1 IN. FT. OF CURB AND CUTTER WILL INCLUDE THE TRANSITIONED CURB IN FRONT OF RAMPS, SO. YDS. OF CONCRETE SIDEWALK AND CONCRETE MEDIAN PAVING WILL INCLUDE RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR CURB RAMPS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SAWING AND REMOVING EXISTING SIDEWALK OR CURB WHERE NECESSARY FOR RAMP CONSTRUCTION.
7. WHEN A CURB RAMP IS PLACED ON EXISTING PAVEMENT, THE PAVEMENT SHALL BE REMOVED TO PROVIDE A MINIMUM THICKNESS OF 3 INCHES OF CONCRETE AT ALL LOCATIONS. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL OF THE PAVEMENT.
8. DETECTABLE WARNING SURFACES ARE REQUIRED ON ALL INTERSECTIONS WITH PUBLIC STREETS, SIGNALIZED COMMERCIAL DRIVEWAYS, AND COMMERCIAL DRIVEWAYS WITH AN AADT OF 25 VPD.

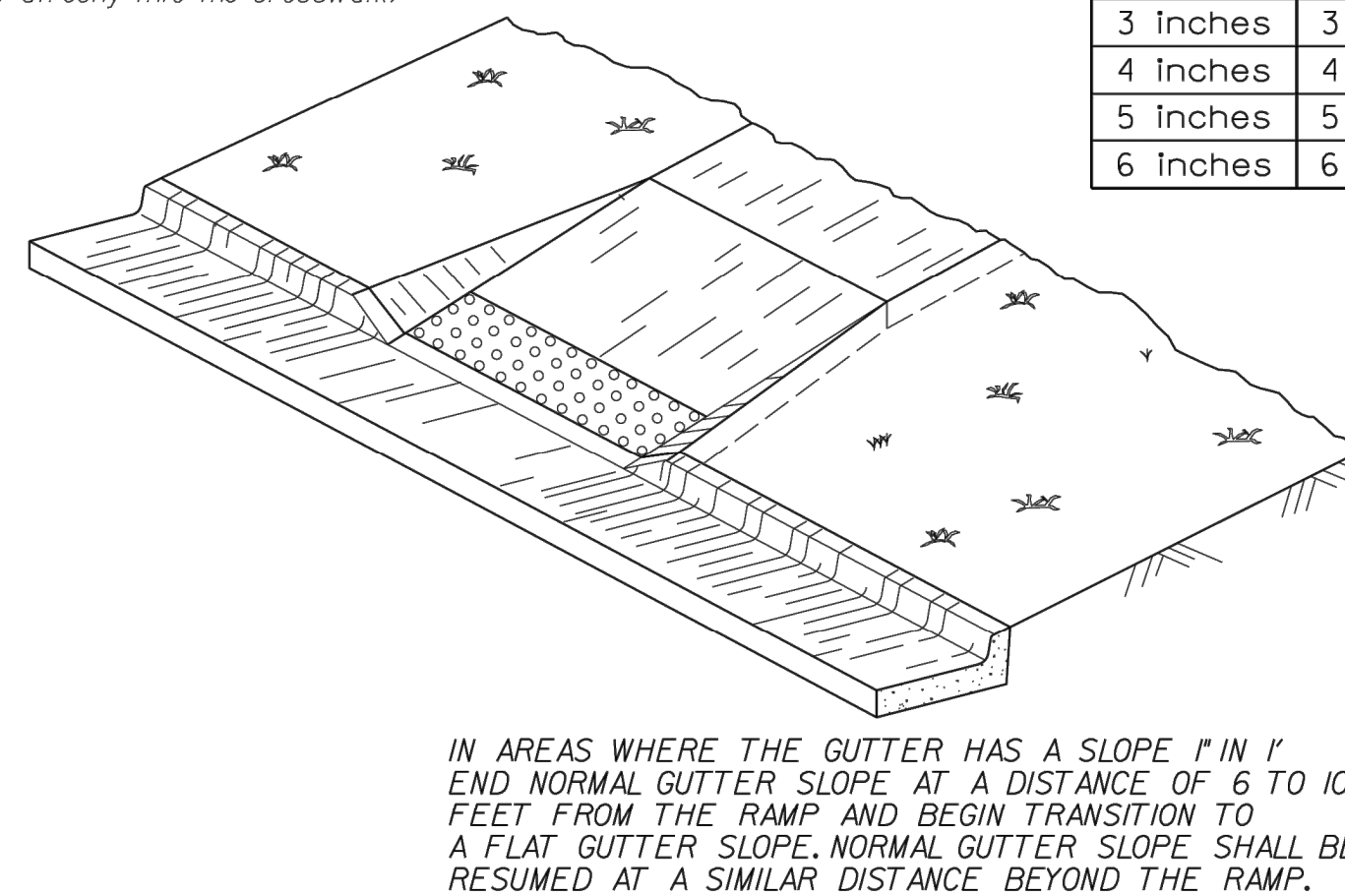
(Perpendicular)
(The Preferred Ramp)



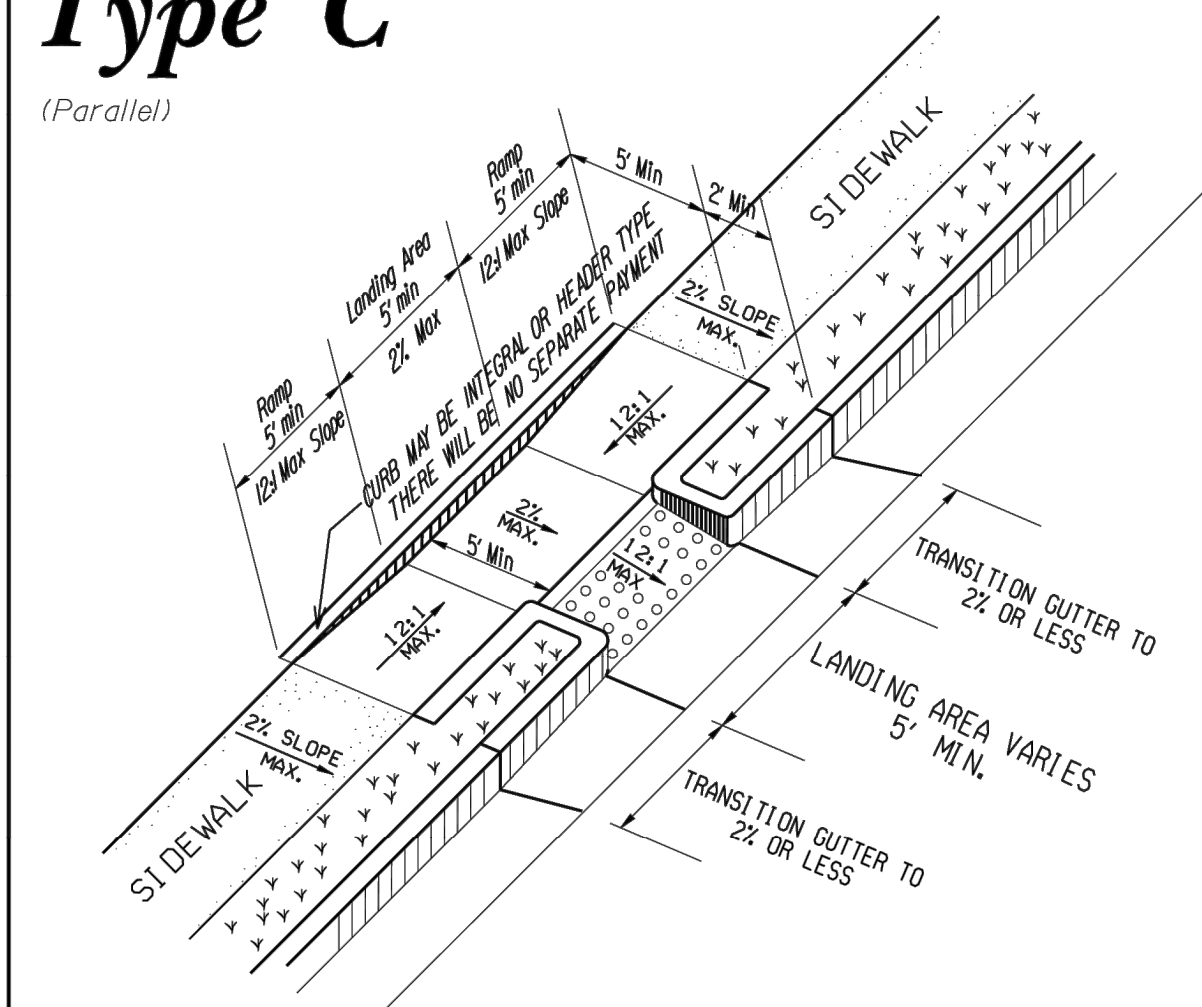
(Normally used when space is not available for a landing at the top of a Type A Ramp)



(Normally used when the sidewalk ties directly into the crosswalk)

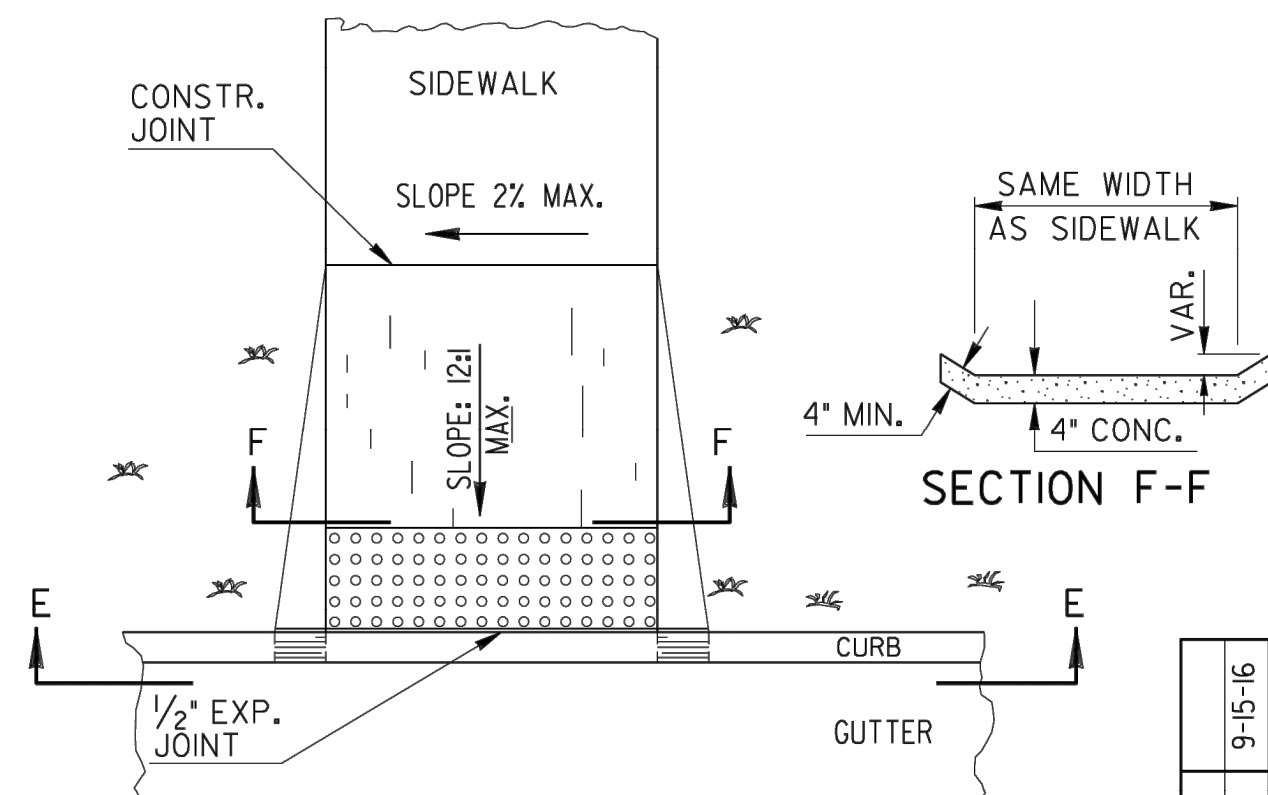
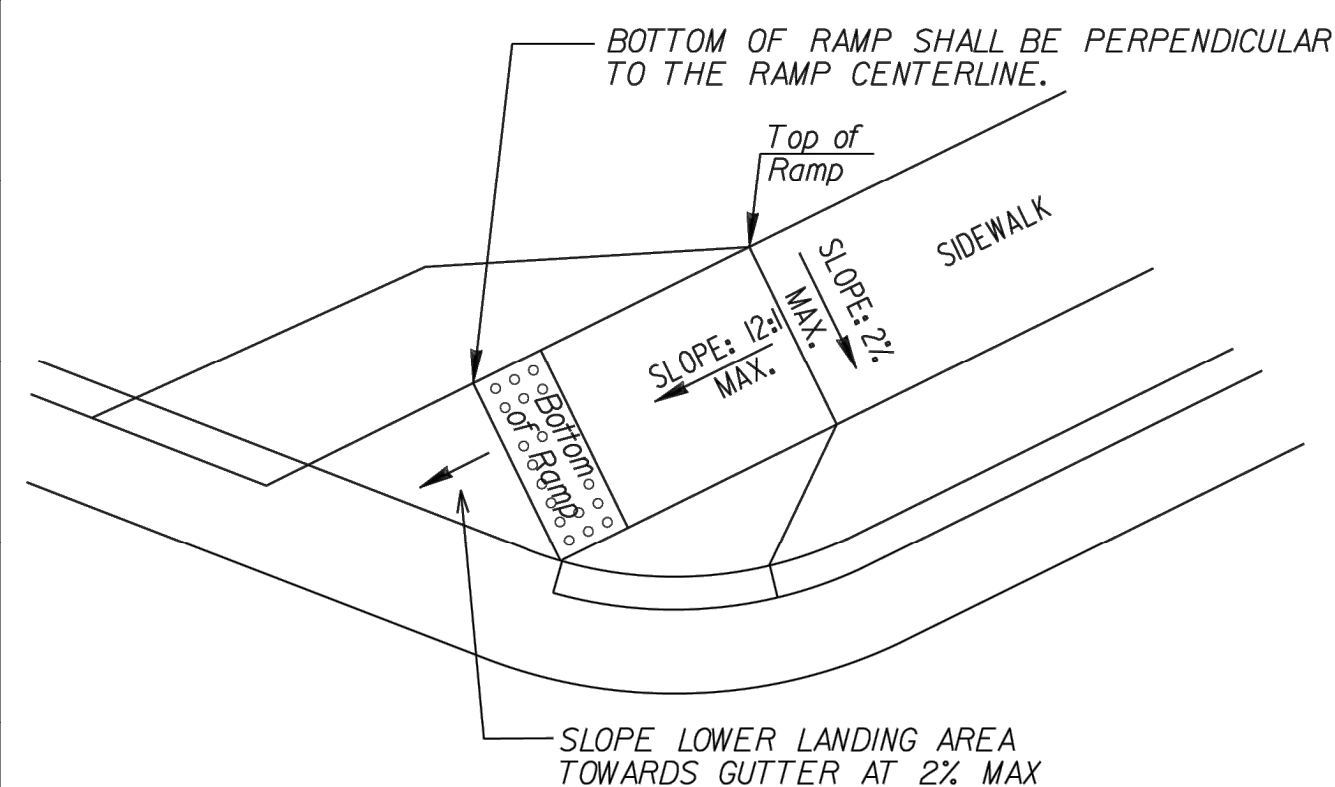


(Parallel)

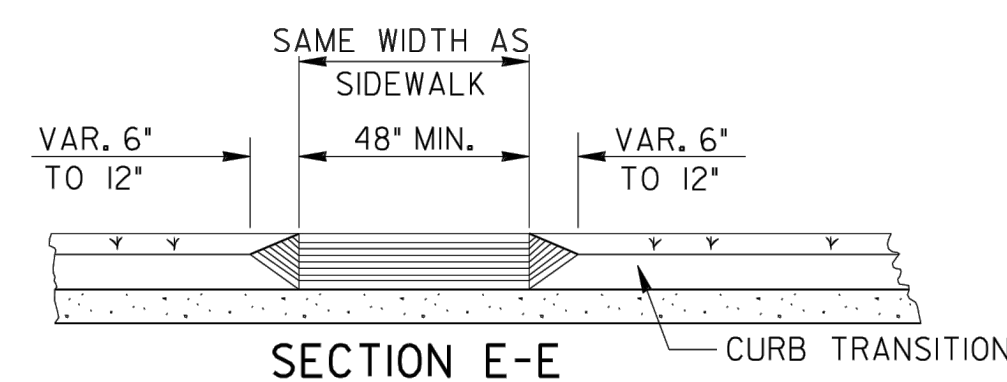


(Applies to Type A Type D Ramps Only)

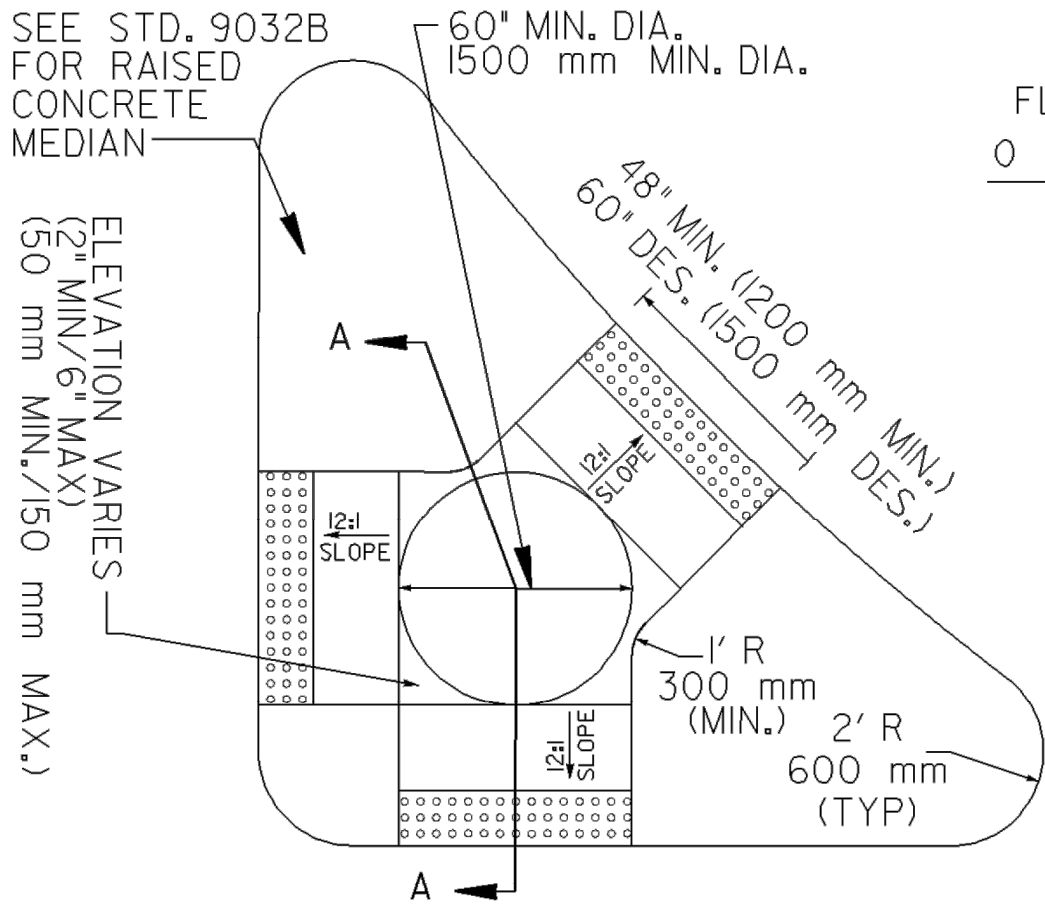
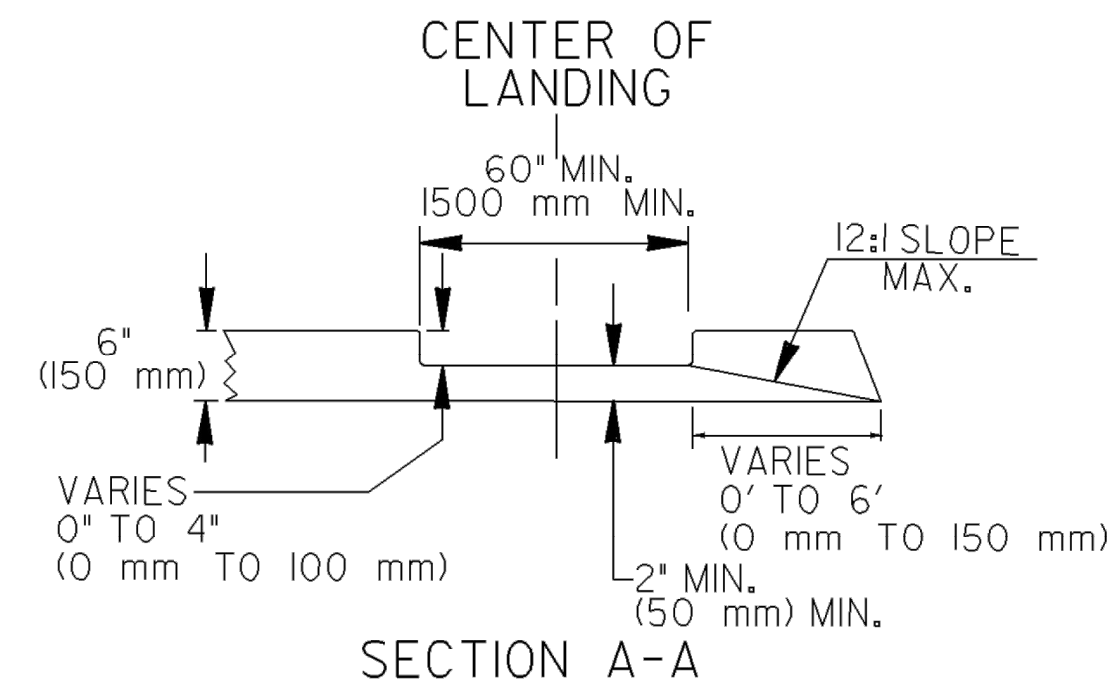
WHEN THE RAMP CENTERLINE IS NOT PERPENDICULAR TO THE CURB
A LEVEL LANDING AREA WITH SLOPES LESS THAN 2% MUST BE
PROVIDED AT THE BOTTOM OF THE RAMP.



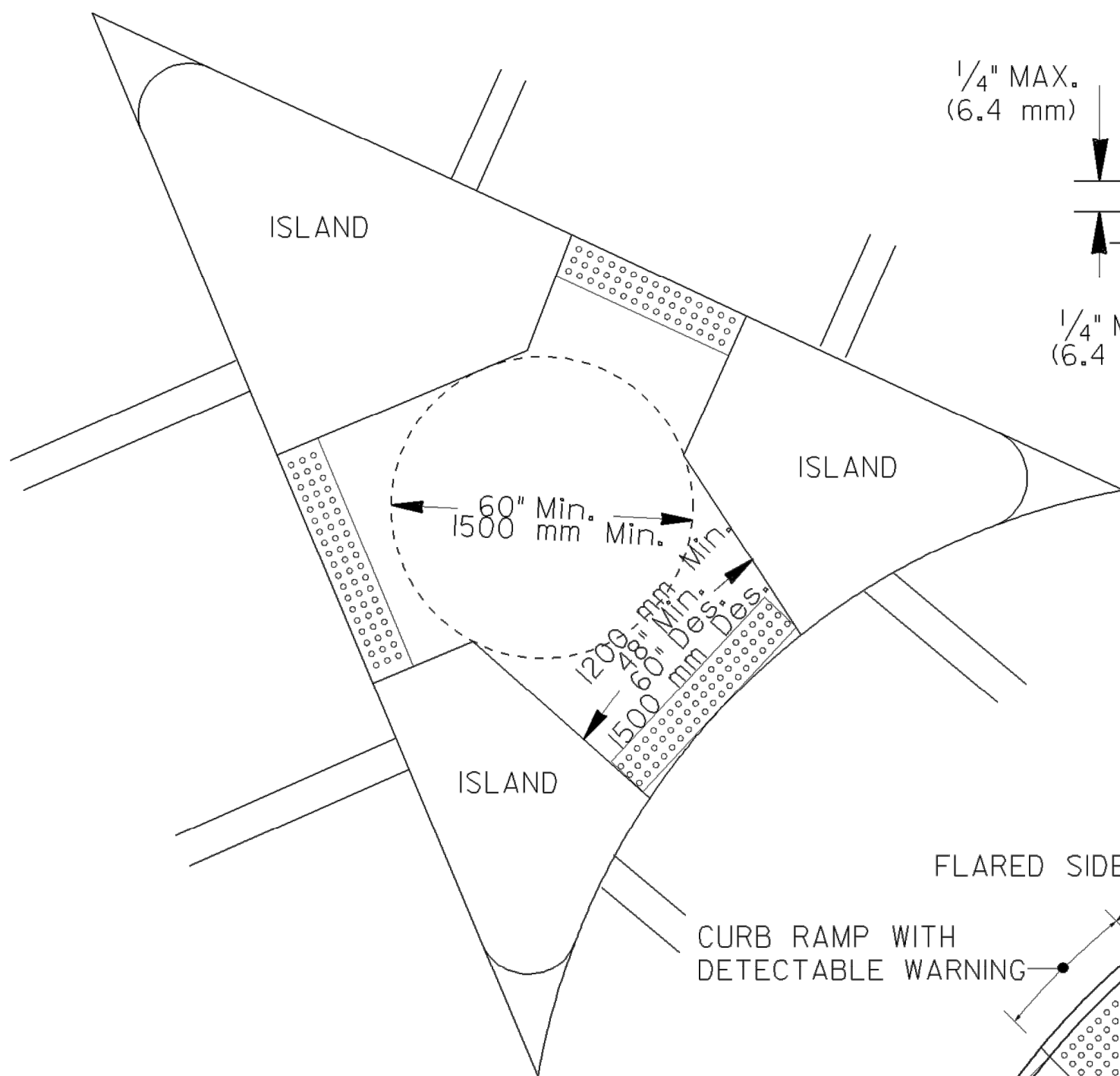
PLAN VIEW



CJB	ADDED PERP. OR PARALLEL	9-15-16
GLO	REV. SLOPES TO PERCENT	6-18-09
	AND ADDED 121 & 104 CHART.	
	ADDED GEN. NOTE NO. 8.	
GLO	REV. TRUNCATED DOMES	5-10-06
	REVISED	2-21-03
	REVISED	2-10-03
	REVISED	7-29-02
	REVISED	5-29-02
	REVISED	5-23-02
	REVISED	5-13-02
	REVISED	4-29-02
	REVISED	4-11-02
	REVISED	4-3-02
	REVISED	3-28-02
	REVISION	DATE
	NO SCALE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
		SPECIAL DETAIL CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS
		MARCH 12, 2002
		NUMBER A3

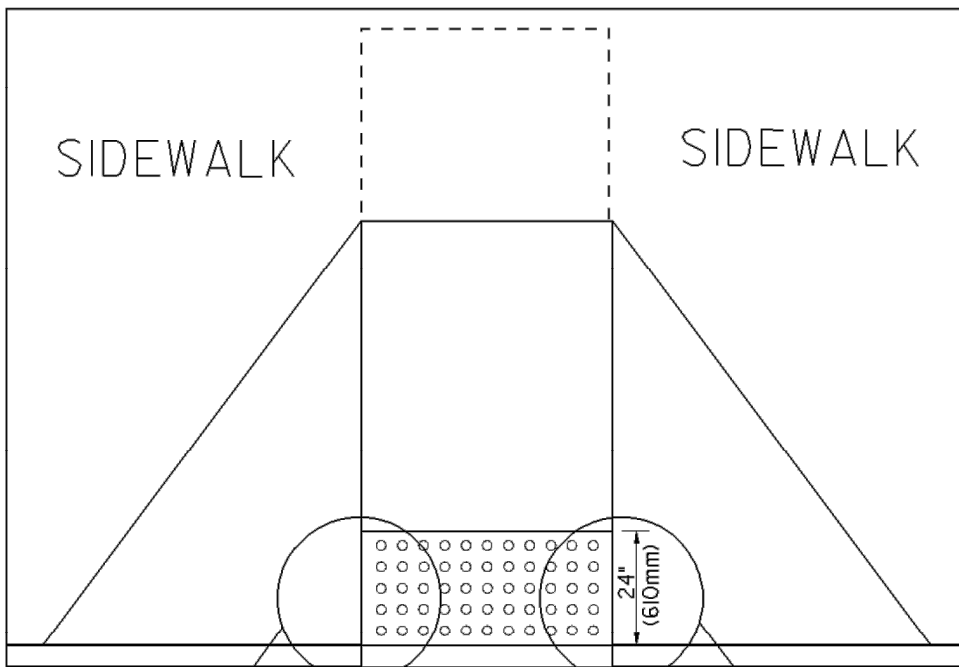


CONCRETE ISLAND WITH ELEVATED CUT THROUGH



NO SEPARATE PAYMENT WILL BE MADE FOR THE DETECTABLE WARNINGS. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR SIDEWALK (OR CURB CUT RAMP IF THE ITEM IS INCLUDED IN THE PROPOSAL).

FOR CUT-THRU ISLANDS AND EXISTING RAMPS, WHERE NO SIDEWALK OR CURB CUT RAMPS ARE IN THE PROPOSAL. THE COST OF THE DETECTABLE WARINGS SHALL BE INCLUDED IN THE OVERALL BID PRICE SUBMITTED.



FLARED SIDE
0 TO 1/4" MAX.

CURB RAMP
WITH DETECTABLE
WARNING

0 TO 1/4" MAX.

1/4" MAX.
(6.4 mm)

RETROFIT SURFACED APPLIED
DETECTABLE WARNING

CONCRETE CURB RAMP

1/4" MAX.
(6.4 mm)

1/2" MAX.
(13 mm)

RETROFIT SURFACED APPLIED
DETECTABLE WARNING

CONCRETE CURB RAMP

FLARED SIDE

CURB RAMP WITH
DETECTABLE WARNING

SIDEWALK

DETAIL FOR DETECTABLE
WARNING AT CUT-THRU CONCRETE ISLAND

SIZE: DETECTABLE WARNINGS SHALL BE 24 INCHES (610 mm) IN THE DIRECTION OF PEDESTRAIN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.

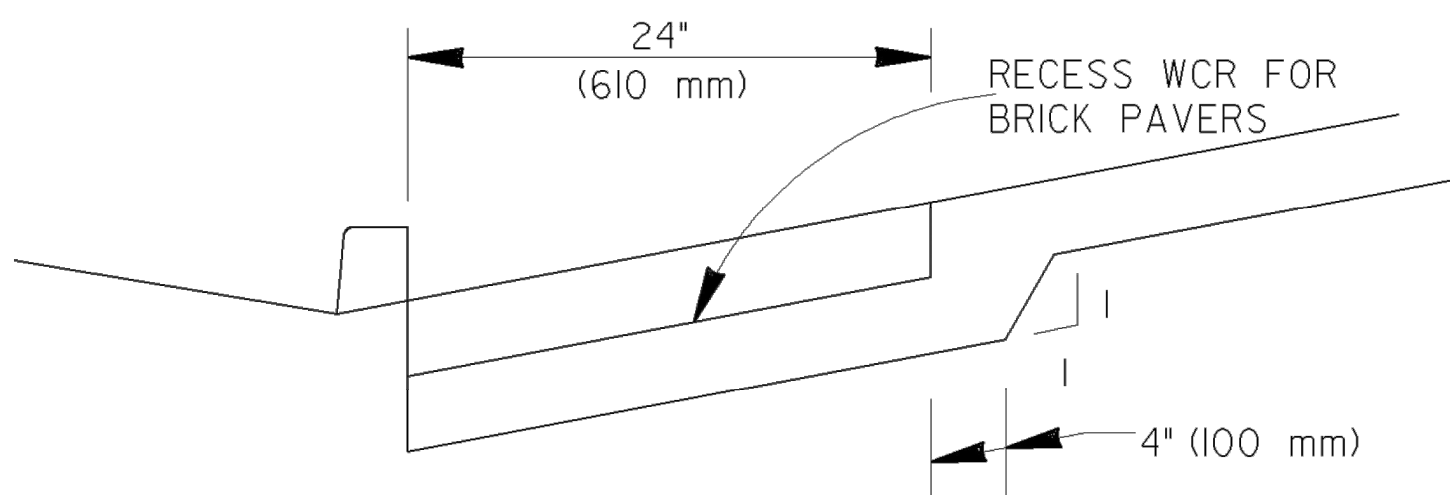
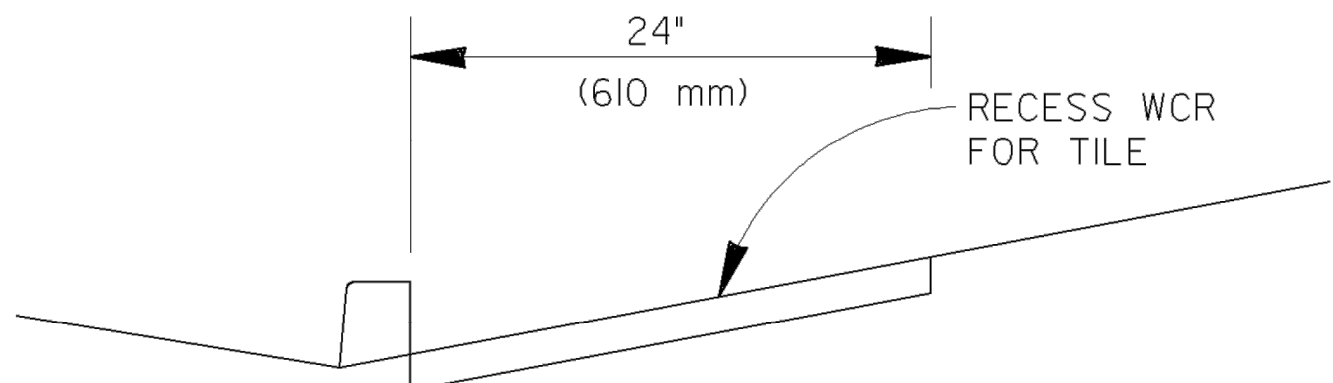
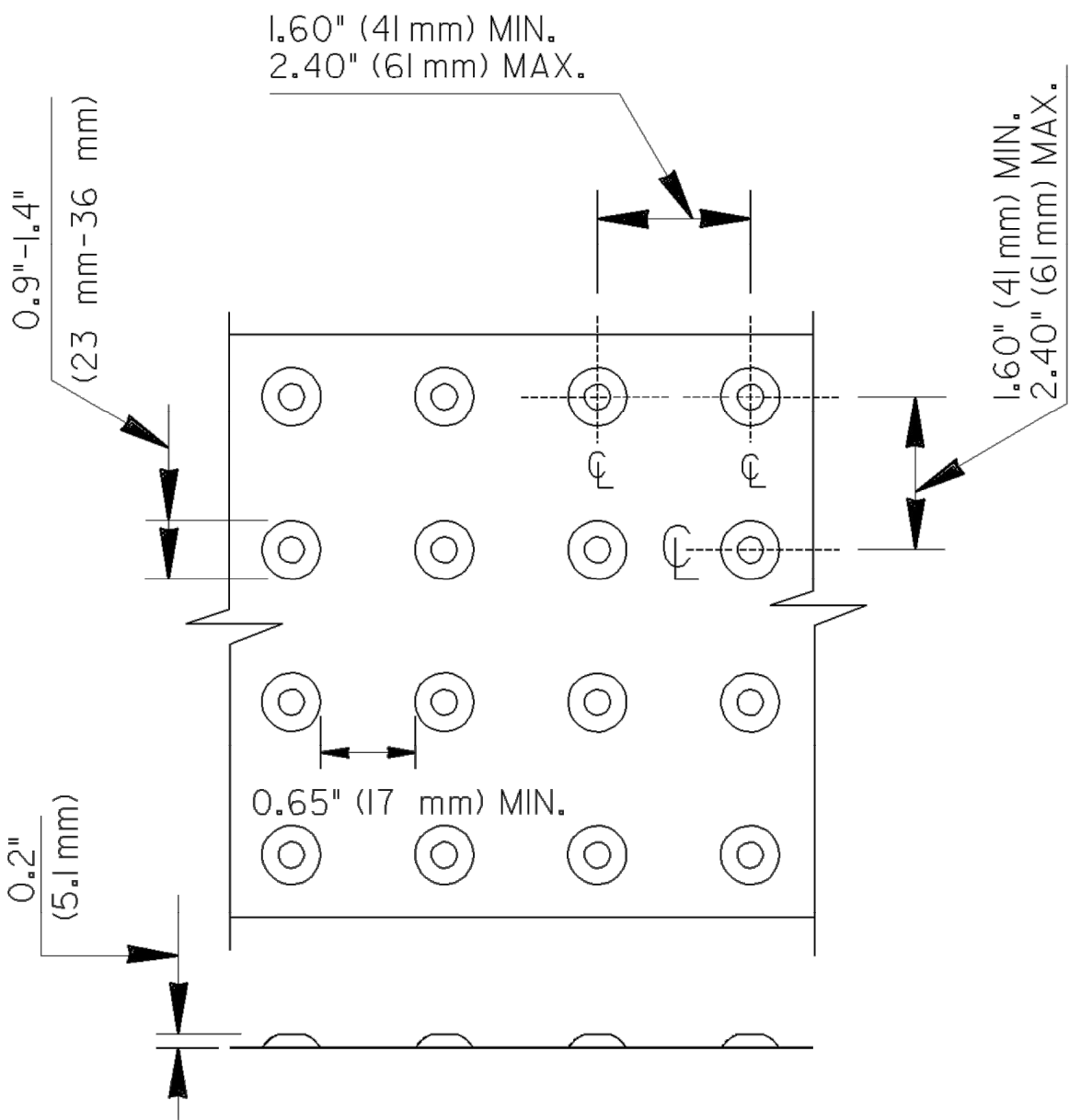
LOCATION: THE DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE OR OTHER POTENTIAL HAZARD IS 6 TO 8 INCHES (150 mm to 180mm) FROM THE CURB LINE OR OTHER POTENTIAL HAZARD, SUSH AS A REFLECTIVE POOL EDGE OR THE DYNAMIC ENVELOPE OF RAIL OPERATIONS.

DOMES SIZE AND SPACING: TRUNCATED DOMES SHALL HAVE A BASE DIAMETER OF 0.9 INCH TO 1.4 INCH (23mm-36mm) AT THE BOTTOM, A DIAMETER OF 0.45 INCH TO 0.91 INCH (11mm-23mm) AT THE TOP, THE TOP DIAMETER SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMENTER, A HEIGHT OF 0.2 INCH (5.1mm) AND A CENTER-TO-CENTER SPACING OF 2.40 INCHES (61mm) DESIRABLE 1.60 INCHES (41mm) MINIMUM MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT. DOMES SHALL HAVE A SQUARE ARRANGEMENT. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

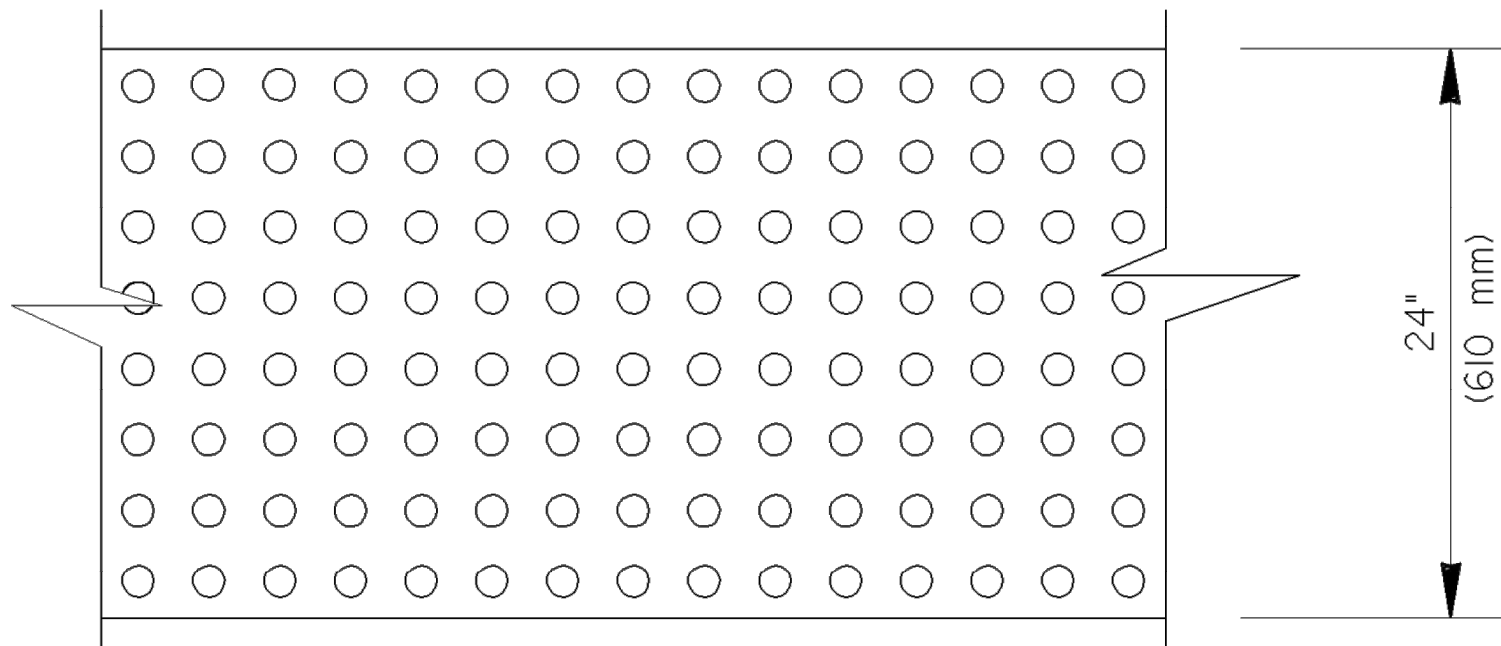
VISUAL CONTRAST: DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE VISUAL CONTRACT SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING SURFACE.



0.9"-1.4"
(23 mm-36 mm)

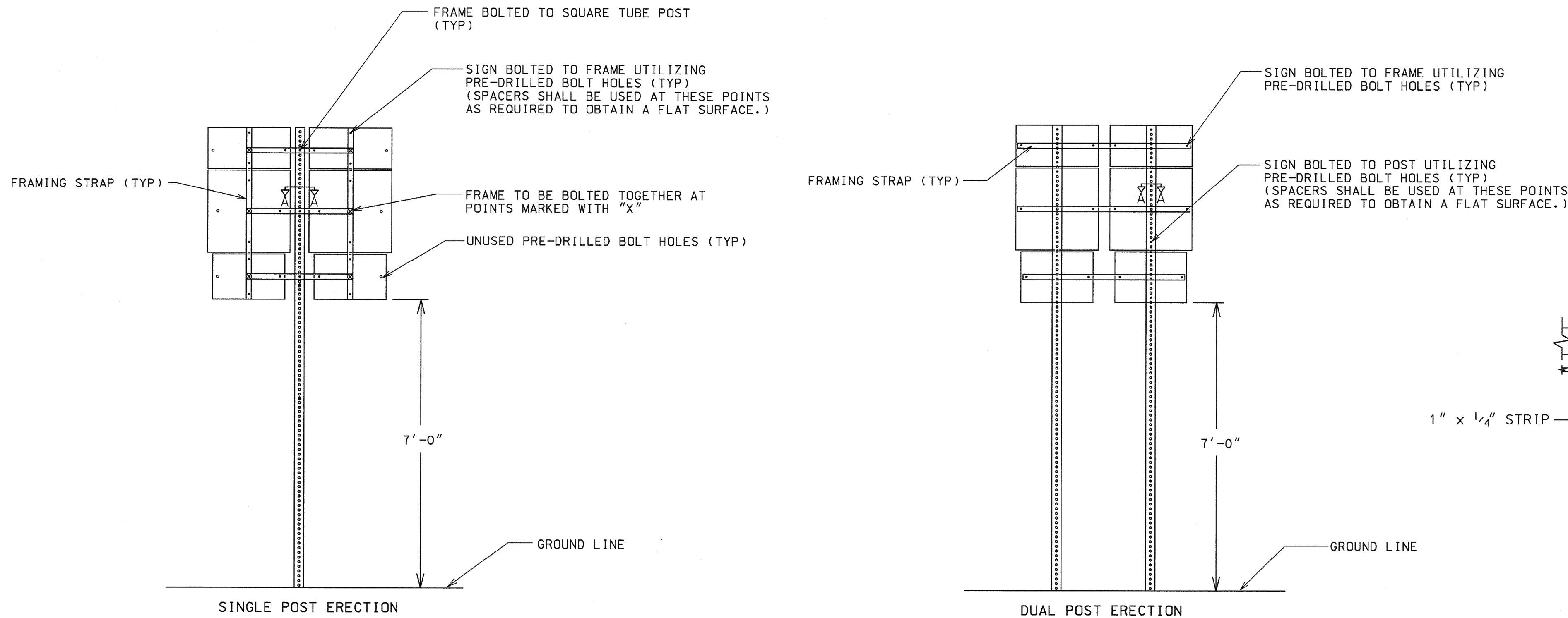


FOR TILE OR BRICK PAVERS
NO VERTICAL LIP OVER
1/8" (3 mm) IS ALLOWED



6-18-09		DEPARTMENT OF TRANSPORTATION	
AND ADDED ALT. RAMP		STATE OF GEORGIA	
DETAIL AND GEN. NOTES		SPECIAL DETAIL	
ADDED TOLERANCE TO DTL.		DETECTABLE WARNING SURFACE	
REVISED TRUNCATED DOMES		TRUNCATED DOME SIZE, SPACING	
AND NOTES.		AND ALIGNMENT REQUIREMENTS	
REVISED		NO SCALE	
DATE		MARCH 12, 2002	
BY		NUMBER	
		A4	

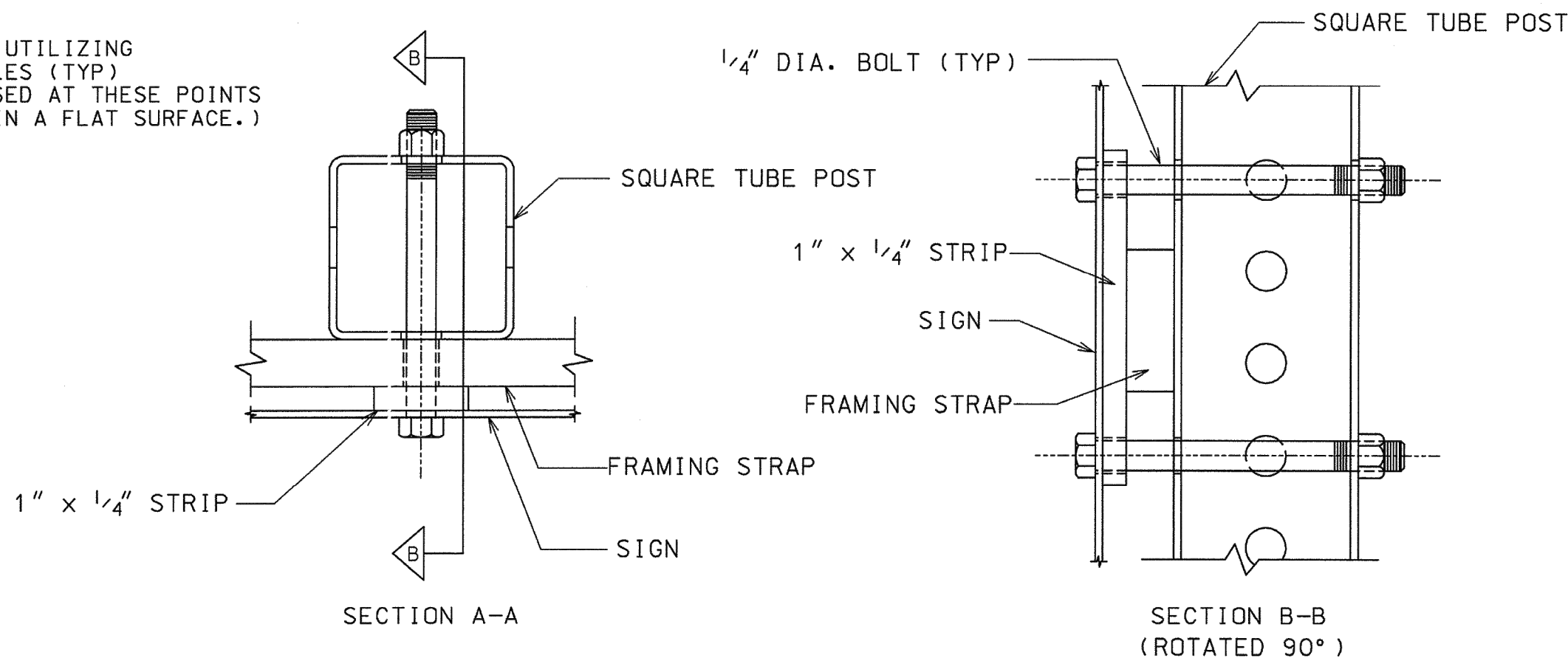
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	100080043	24	41



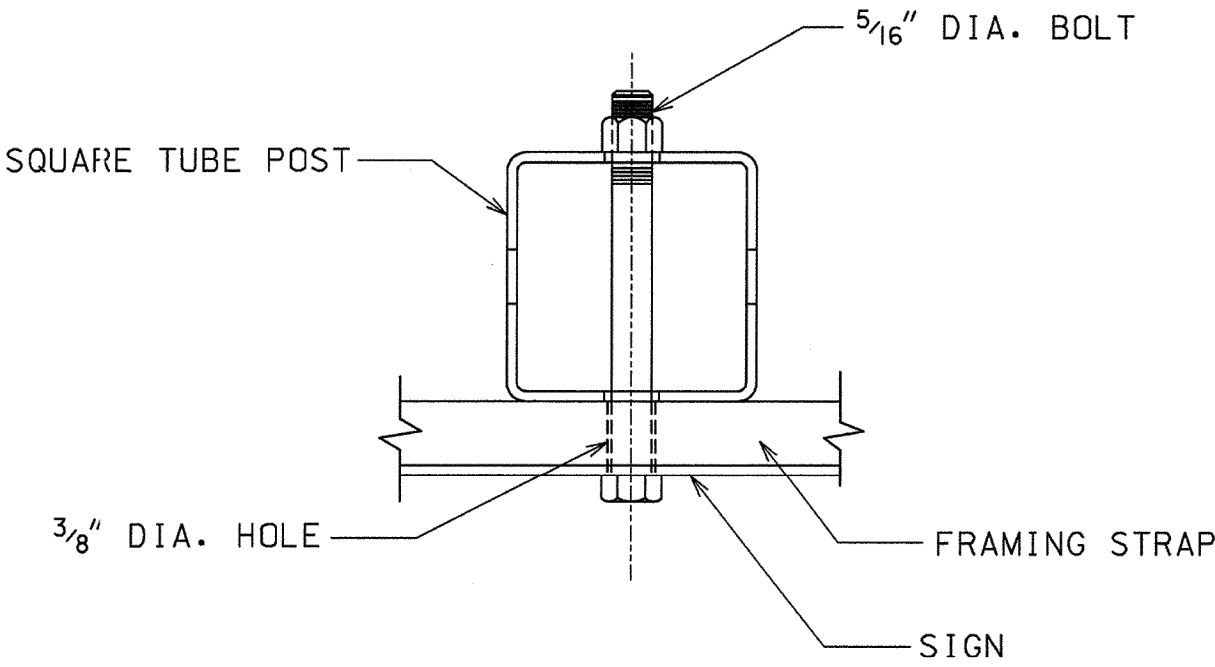
TYPICAL ASSEMBLY UNIT (BACK VIEW)

GENERAL NOTES:

1. STYLE OF FRAMING IS OPTIONAL. ALTERNATE DESIGNS ARE ACCEPTABLE UPON APPROVAL OF THE ENGINEER. FRAME SHALL BE DESIGNED SO AS TO HOLD THE ASSEMBLY IN A FIXED, RIGID POSITION.
2. FRAMING STRAPS SHALL BE GALVANIZED STEEL OR ALUMINUM.
3. STEEL SHALL BE A.S.T.M. DESIGNATION A-283, GRADE D, GALVANIZED IN ACCORDANCE WITH A.S.T.M. DESIGNATION A-123.
4. ALUMINUM SHALL BE ALLOY 6061-T6.
5. BOLTS, NUTS, WASHERS, AND SPACERS SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
6. FRAMING STRAPS ON A DUAL POST ERECTION SHALL NOT BE BOLTED TO THE POST.



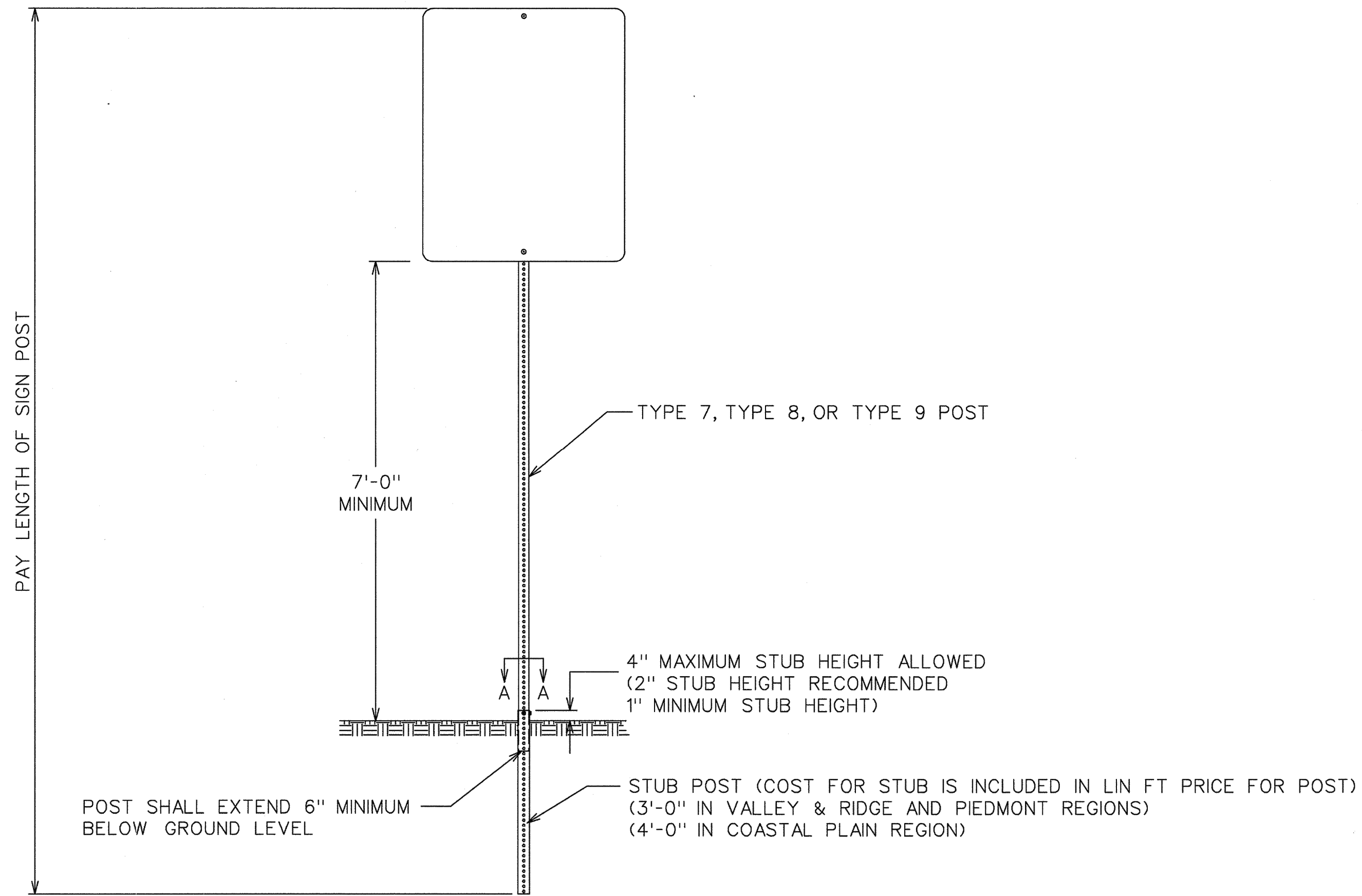
OPTION #1 - FRAMING STRAP WITHOUT MOUNTING HOLE
(ALL FRAMING STRAPS SHALL BE 1 1/2" x 1/2" x REQUIRED LENGTH)



OPTION #2 - FRAMING STRAP WITH MOUNTING HOLE
(ALL FRAMING STRAPS SHALL BE 2" x 1/2" x REQUIRED LENGTH)

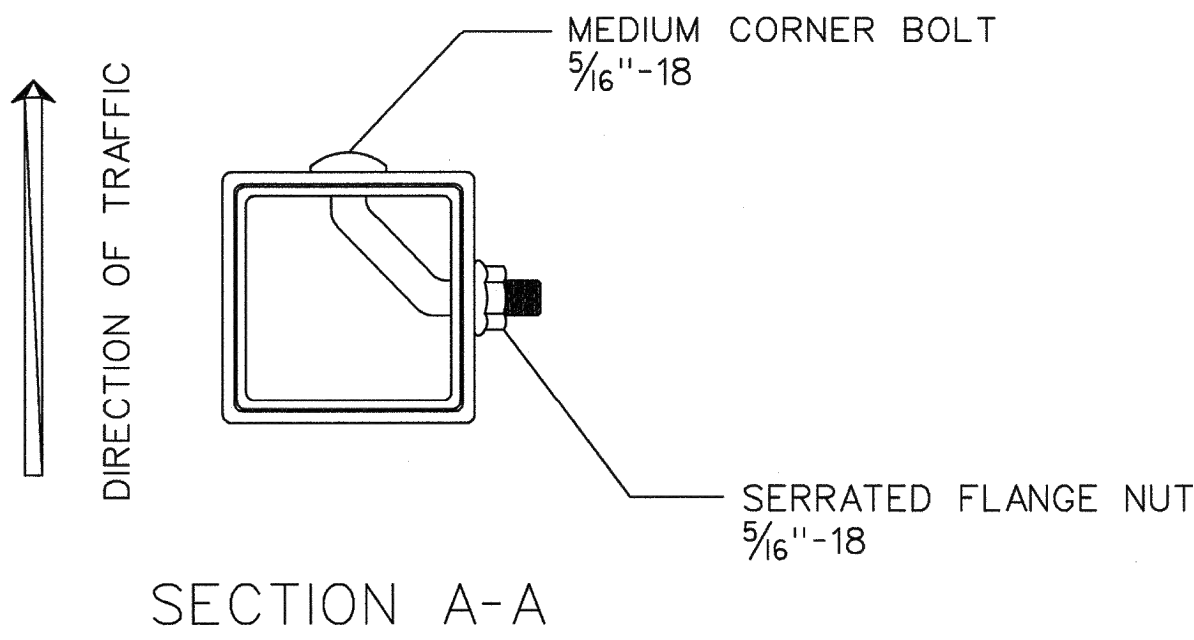
DATE	REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC OPERATIONS	
3/31/00	CHANGED U-CHANNEL POST TO SQUARE TUBE POST		
		DETAILS FOR TYPICAL FRAMING	
		NO SCALE JANUARY 2000	

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	100080043	25	41



FRONT VIEW

POST	STUB SIZE
TYPE 7	2 1/4" x 2 1/4"
TYPE 8	2 3/4" x 2 3/4"
TYPE 9	2 1/2" x 2 1/2"



SIGN POST SELECTION CHART

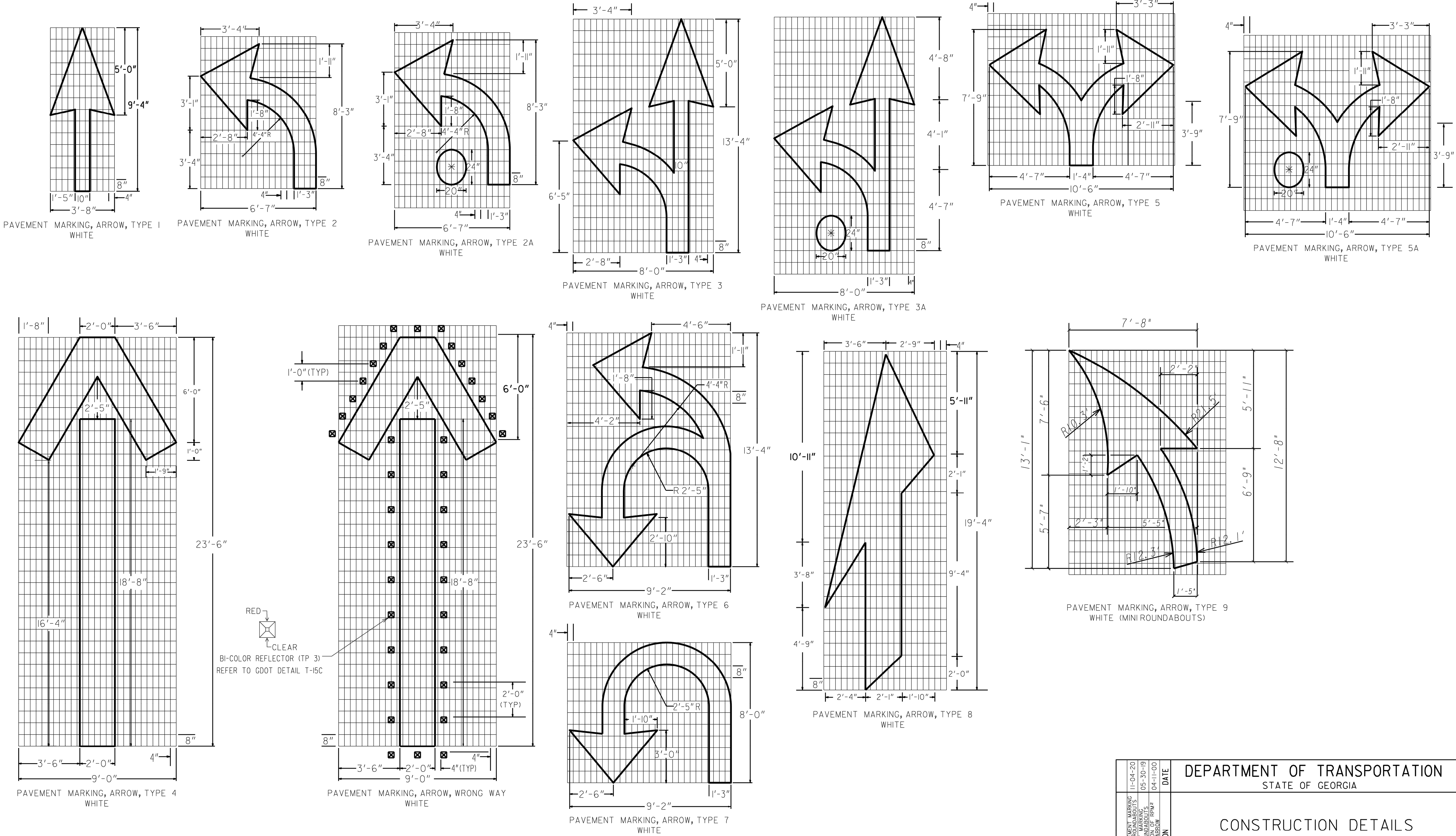
70 MPH Wind Load Chart + 15% Gust Factor									
Sign Centroid	SLIP BASE NOT REQUIRED				GROUND MOUNTED BREAKAWAY SIGN SUPPORT REQUIRED				
	TYPE 7 2" 14 ga.		TYPE 9 2-1/4" 14 ga.	TYPE 8 2-1/2" 12 ga.	TYPE 8 2-1/2" 12 ga.		TYPE 8 w / TYPE 9 Insert 2-1/2" 12 ga. W / 2-1/4" 14 ga.		
	1 Post	2Post	1 Post	1 Post	2Post	3Post	1 Post	2Post	3Post
	SQUARE FOOTAGE				SQUARE FOOTAGE				
6'	13.50	27.00	19.25	30.00	60.00	90.00	49.25	98.50	147.75
7'	11.60	23.20	16.50	25.75	51.50	77.25	42.25	84.50	126.75
8'	10.15	20.30	14.45	22.55	45.10	67.65	37.00	74.00	111.00
9'	9.00	18.00	12.85	20.00	40.00	60.00	32.85	65.70	98.55
10'	8.10	16.20	11.55	18.00	36.00	54.00	29.55	59.10	88.65
11'	7.40	14.80	10.50	16.40	32.80	49.20	26.90	53.80	80.70
12'	6.80	13.60	9.65	15.00	30.00	45.00	24.65	49.30	73.95
13'	6.25	12.50	8.90	13.85	27.70	41.55	22.75	45.50	68.25
14'	5.80	11.60	8.25	12.90	25.80	38.70	21.15	42.30	63.45
15'	5.00	10.00	6.45	10.10	20.20	30.30	16.55	33.10	49.65
16'	4.70	9.40	6.05	9.45	18.90	28.35	15.50	31.00	46.50
17'	4.40	8.80	5.70	8.90	17.80	26.70	14.60	29.20	43.80
18'	4.15	8.30	5.40	8.40	16.80	25.20	13.80	27.60	41.40
19'	3.95	7.90	5.10	7.95	15.90	23.85	13.05	26.10	39.15
20'	3.75	7.50	4.85	7.55	15.10	22.65	12.40	24.80	37.20

SIGN CENTROID IS DISTANCE FROM GROUND LEVEL TO BOTTOM OF SIGN PLUS HALF THE HEIGHT OF SIGN.
EXAMPLE: 24" X 48" SIGN THAT IS 7 FEET FROM GROUND TO BOTTOM OF SIGN. ADD HALF OF 48" (24" OR 2 FT) PLUS 7 FT. = 9' CENTROID.
SIGN PLATE SHALL NOT EXCEED 48" IN WIDTH ON A SINGLE POST.

* TYPE 9 INSERT SHALL BE A CONTINUOUS POST INSERTED INTO THE TYPE 8 POST WHERE REQUIRED. THE INSERT POST SHALL EXTEND FROM THE BOTTOM OF THE SLIP BASE UPPER ASSEMBLY TO 4" BELOW THE BOTTOM OF THE SIGN. THE INSERT POST SHALL NOT EXTEND ABOVE THE BOTTOM OF THE SIGN. PAYMENT FOR THE INSERT POST SHALL BE PER LINEAR FOOT OF TYPE 9 POST.

GROUND MOUNTED BREAKAWAY SIGN SUPPORT WILL BE MEASURED AND PAID FOR SEPARATELY. THE COST FOR THIS WORK SHALL INCLUDE THE UPPER AND LOWER ASSEMBLY, STUB POST, CLASS "A" CONCRETE, ALL HARDWARE NECESSARY TO COMPLETE THE INSTALLATION, AND BE INCLUDED IN THE BID PRICE SUBMITTED FOR ITEM 636-3010.

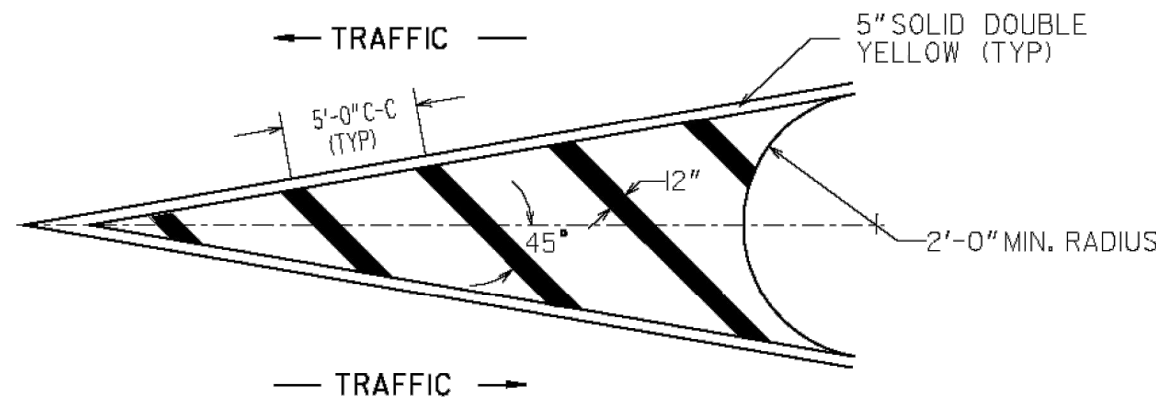
DATE	REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC SAFETY & DESIGN
		TYPE 7, 8, AND 9 SQUARE TUBE POST INSTALLATION DETAIL
		NO SCALE JULY 2002



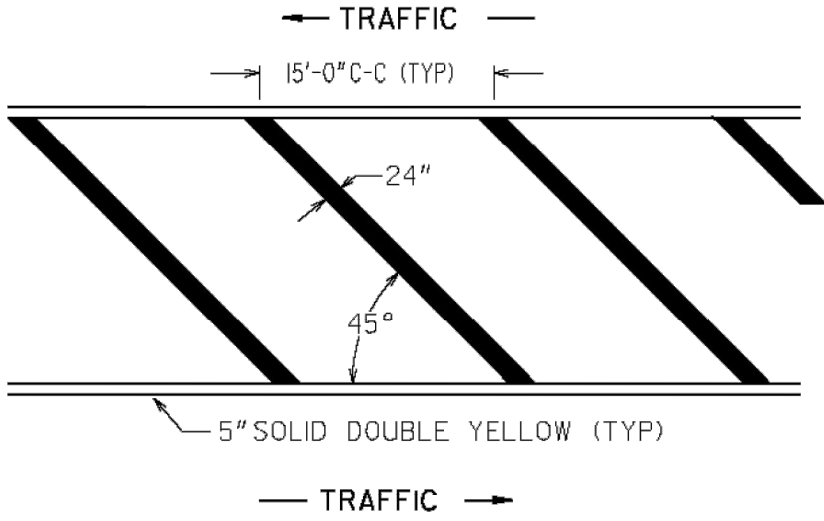
NOTES
1. PAVEMENT MARKING ARROWS WITH A DOT (2A, 3A, 5A) SHALL BE USED ALONG MULTI-LANE ROUNDABOUT APPROACHES ALONG THE INSIDE LANE ONLY

11-04-20 ADDED TP 3 PAVEMENT MARKING ARROWS FOR MINI ROUNDABOUTS 05-30-19 ADDED TP 3 PAVEMENT MARKING ARROWS FOR ROUNDABOUTS 04-11-00 CHANGED LOCATION OF RPMs ON WRONG WAY ARROW		DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION			CONSTRUCTION DETAILS PAVEMENT MARKINGS - ARROWS	
BY			NO SCALE	APRIL 2000
ACP	DESIGNED	_____	NUMBER T-12B	
ACP	DRAWN	_____		
ACP	TRACED	_____		
	CHECKED	_____		

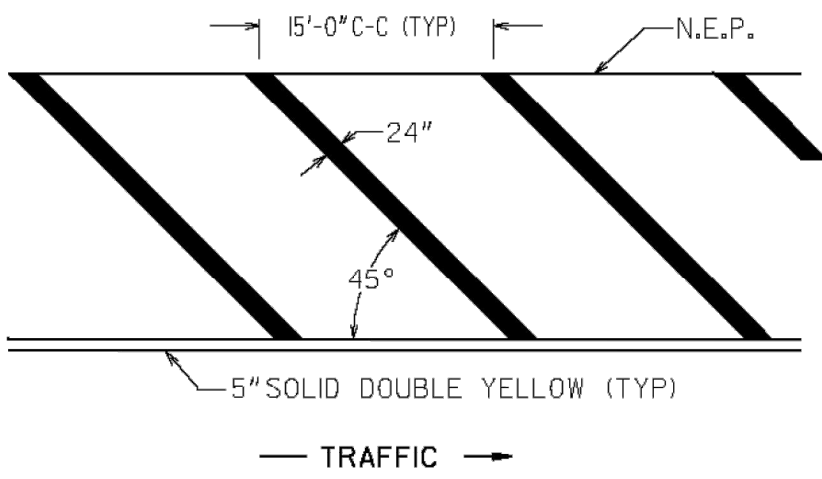
DETAIL "A"(YELLOW)



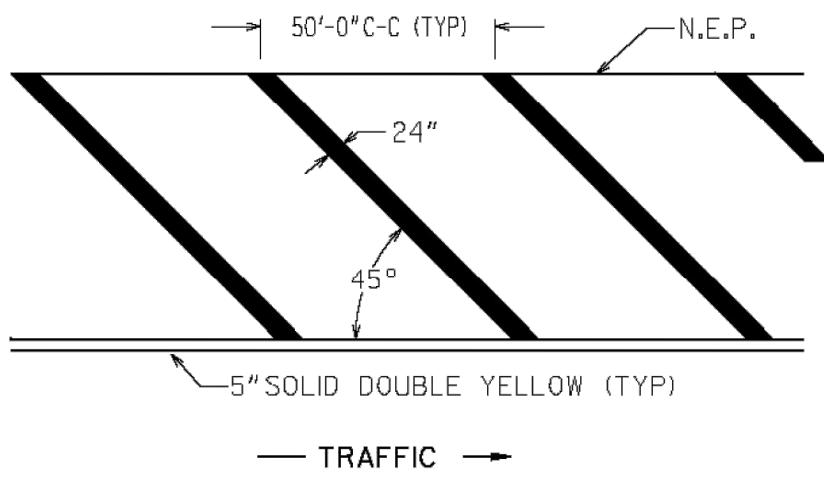
DETAIL 'B"(YELLOW)



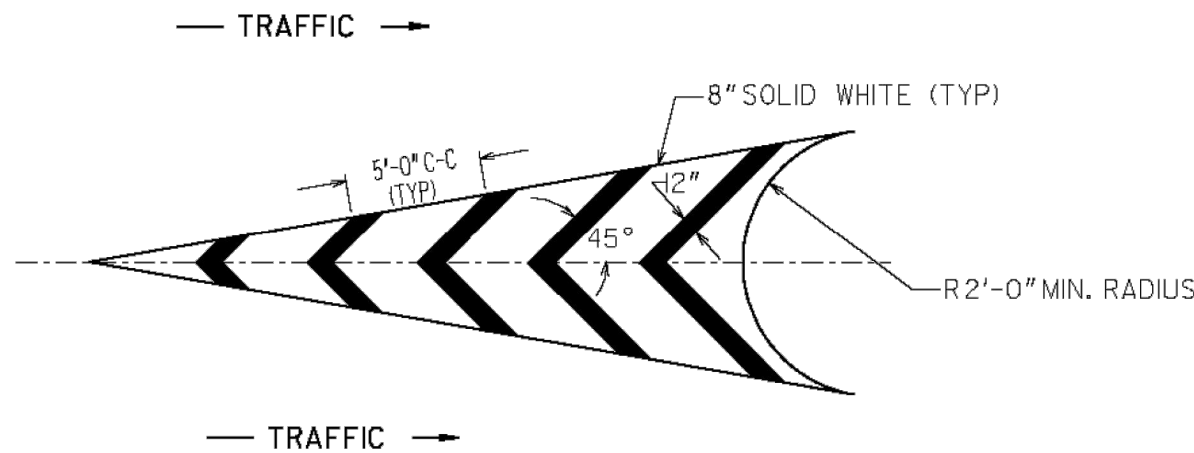
DETAIL "C"(YELLOW)



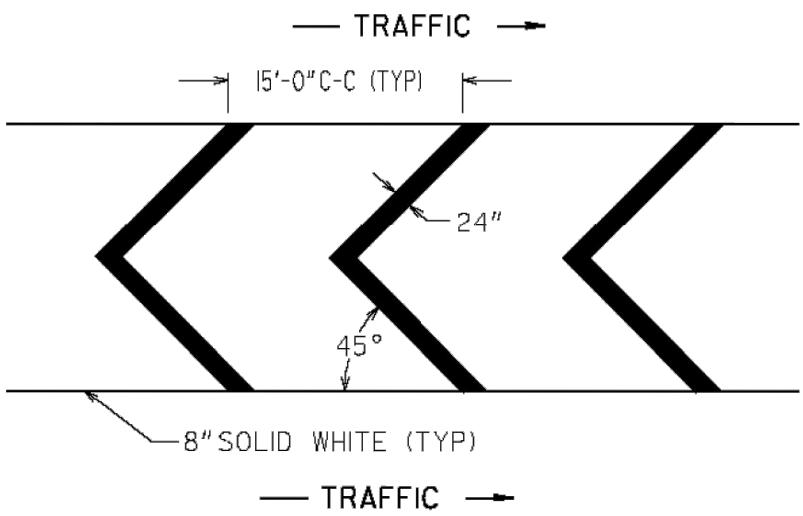
DETAIL "D"(YELLOW)



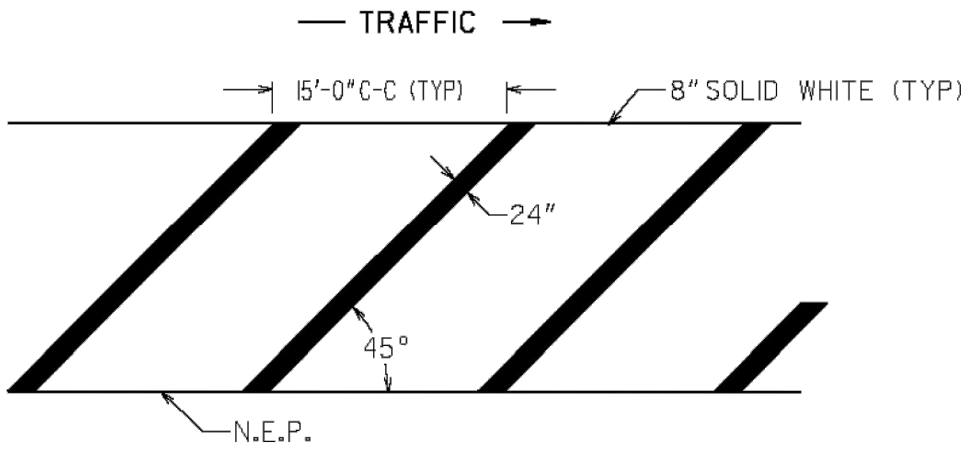
DETAIL "A"(WHITE)



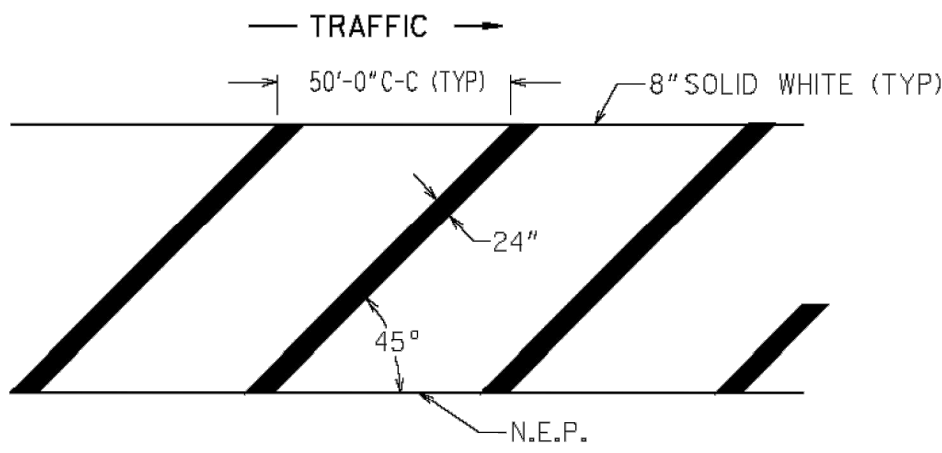
DETAIL 'B"(WHITE)



DETAIL "C"(WHITE)



DETAIL "D"(WHITE)

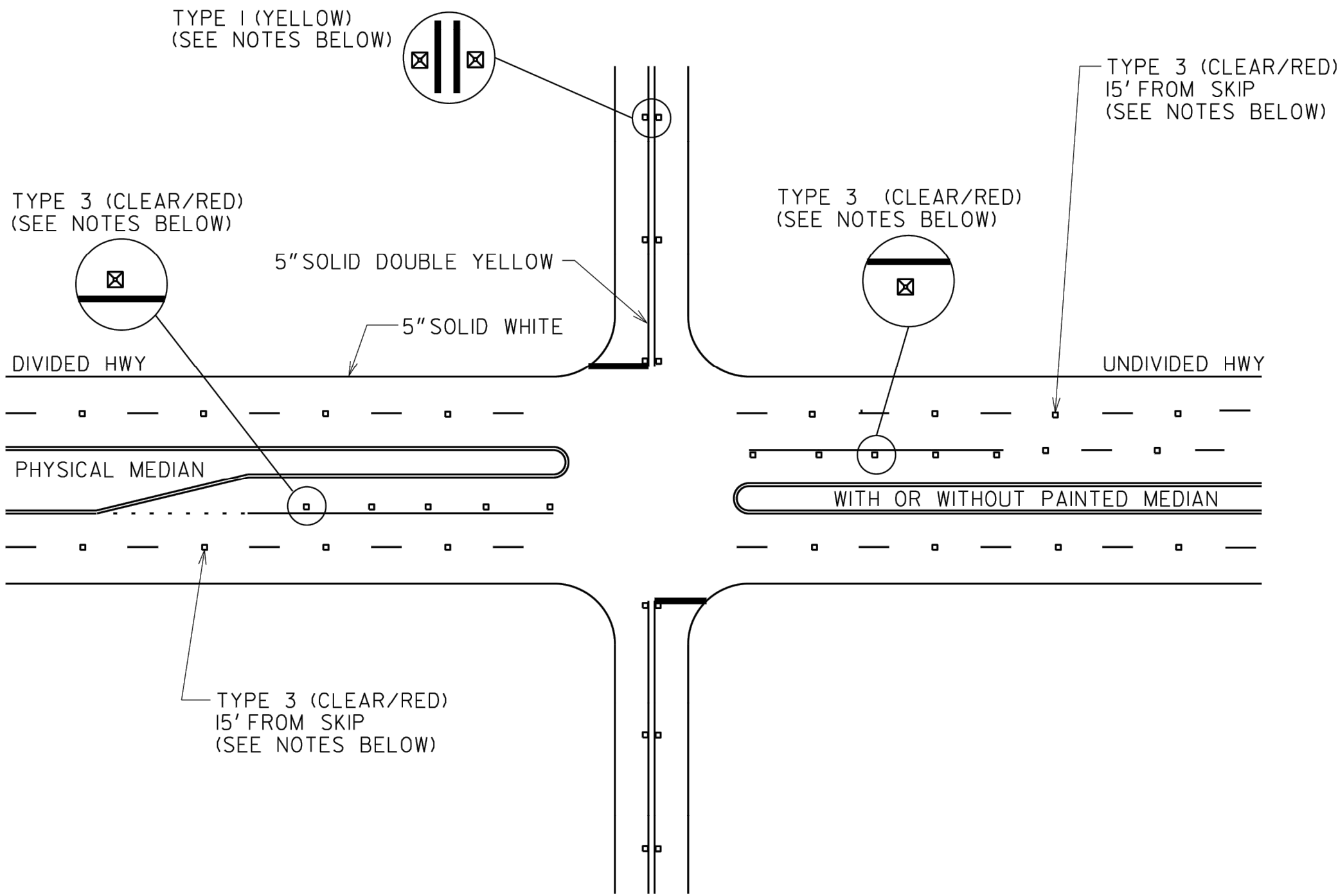


GENERAL NOTES:

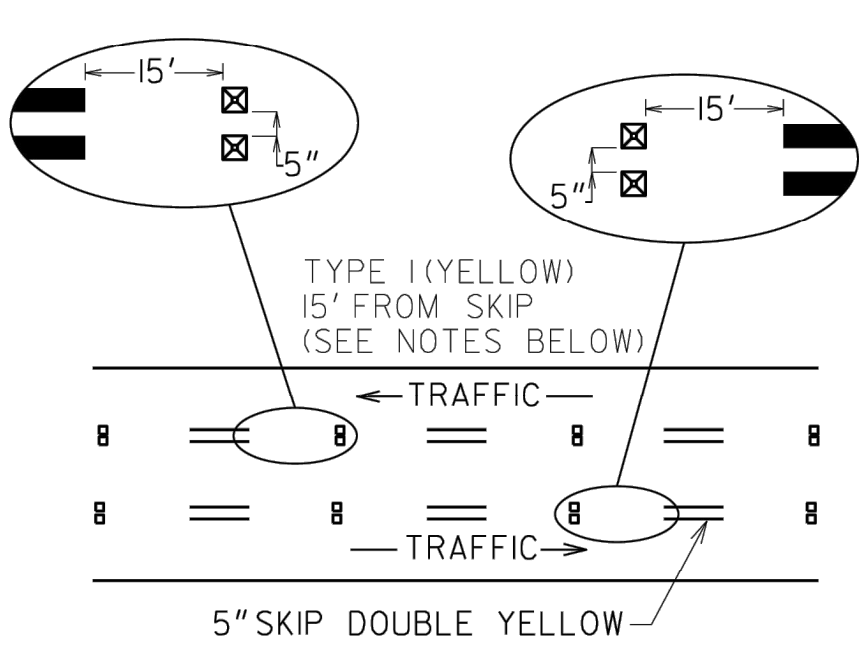
1. FOR YELLOW STRIPING, THE SQUARE YARDS SHOWN ON PLAN, SUMMARY AND DETAILED ESTIMATE SHEETS INCLUDE THE AREA WITHIN THE BORDERS AND THE 5" SOLID DOUBLE YELLOW BORDER.
2. FOR WHITE STRIPING, THE SQUARE YARDS SHOWN ON PLAN, SUMMARY AND DETAILED ESTIMATE SHEETS INCLUDES THE AREA WITHIN THE BORDERS AS WELL AS THE 8" SOLID WHITE BORDER.

DATE	REVISIONS
6/25/04	Modified general note 1
1/18/05	CHANGED BORDER
11/21/08	Modified general note 1

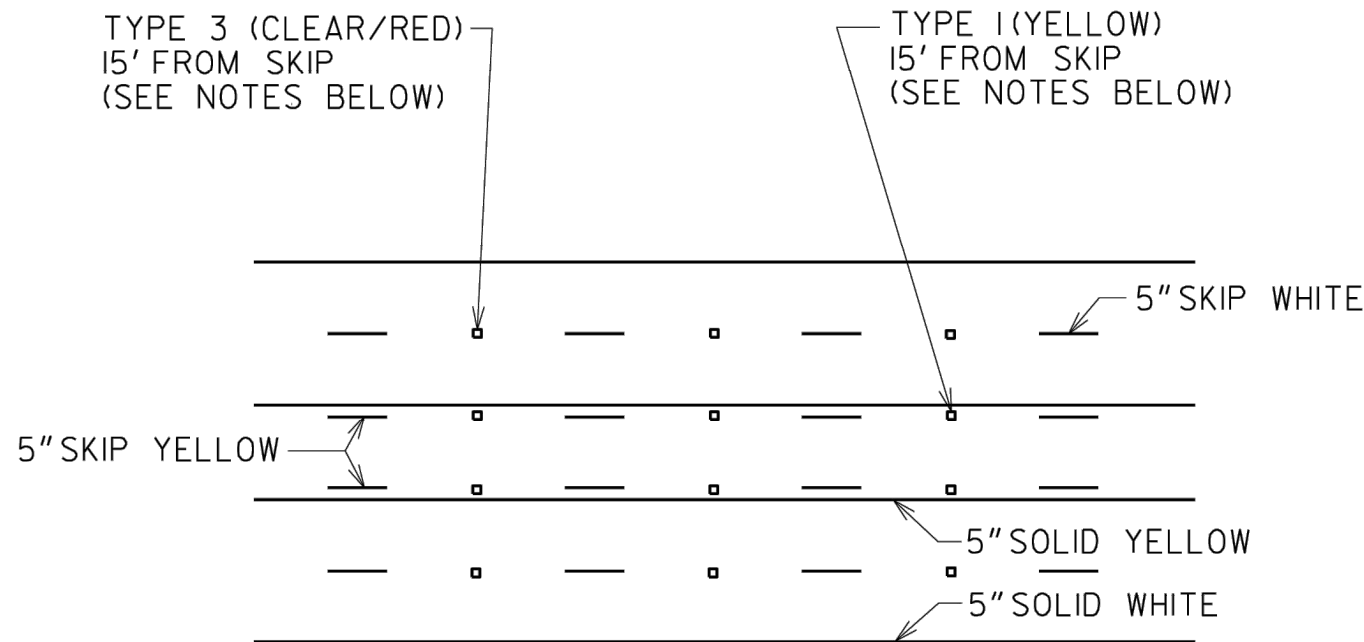
DIVIDED / UNDIVIDED HIGHWAY



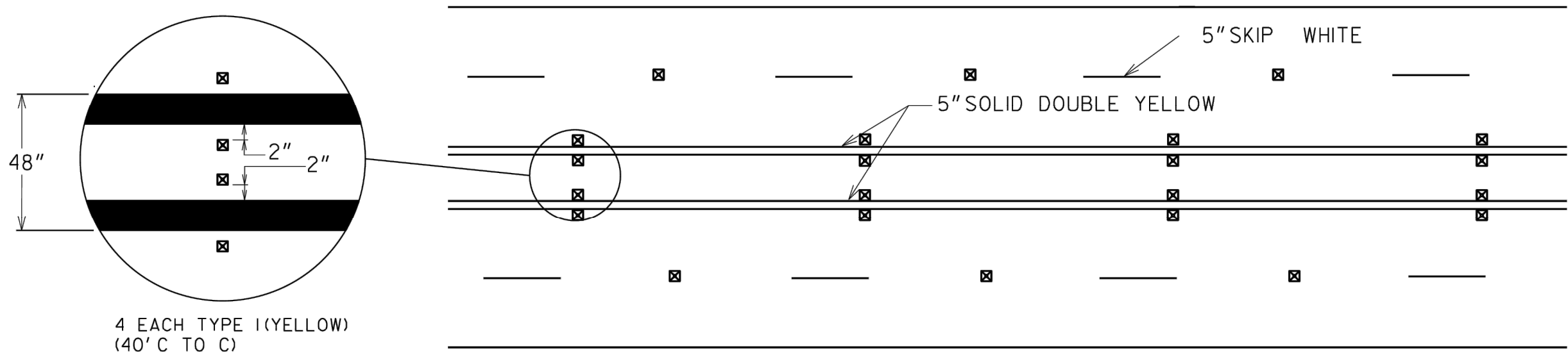
REVERSIBLE LANE



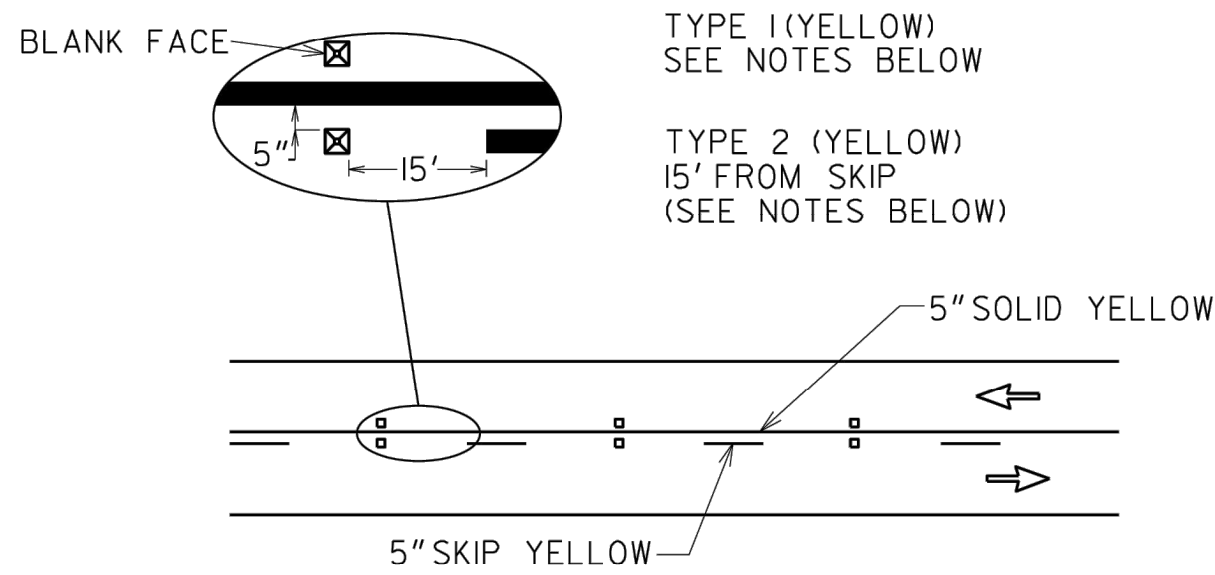
TWO WAY LEFT TURN LANE



4'-0" STRIPED FLUSH MEDIAN



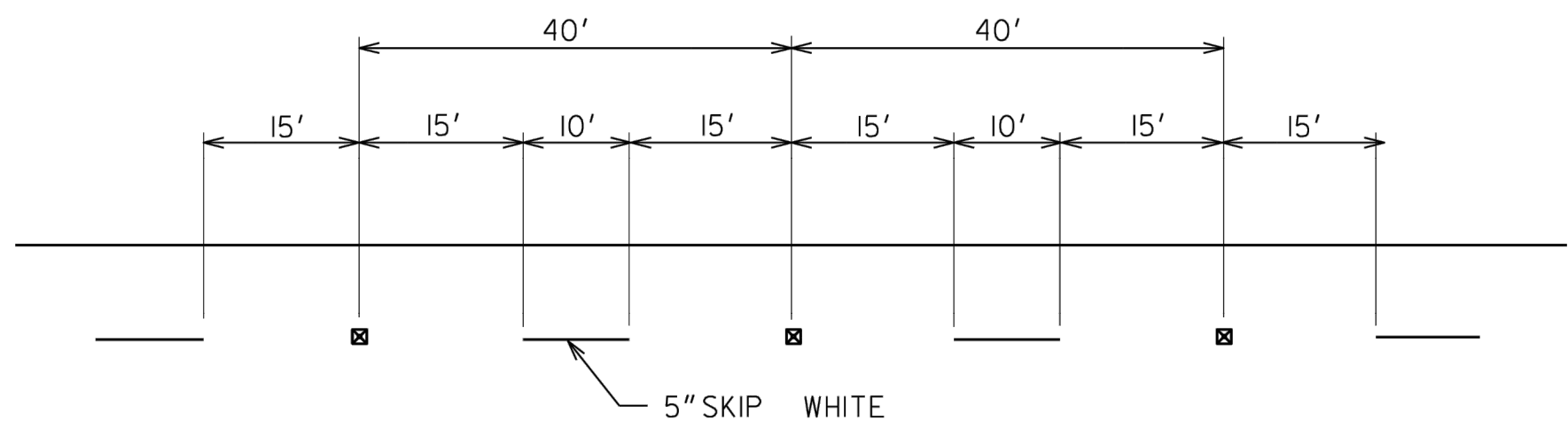
NO PASSING ZONE



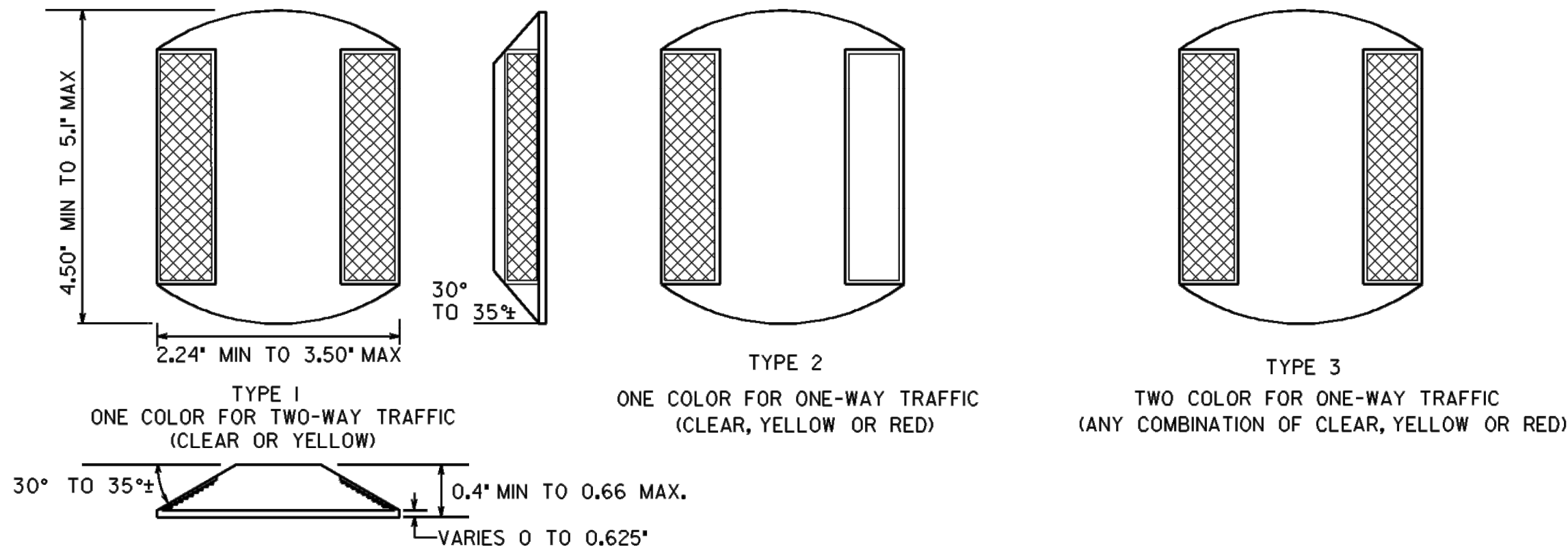
GENERAL NOTES:

1. RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 40 FT UNLESS OTHERWISE SPECIFIED.
2. ON SOLID WHITE TURN BAY LINES, SPACING SHALL BE 20 FT.
3. RAISED PAVEMENT MARKERS SHALL BE OFFSET 5 INCHES FROM SOLID LANE LINES.
4. CLEAR FACE OF TYPE 3 RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC.

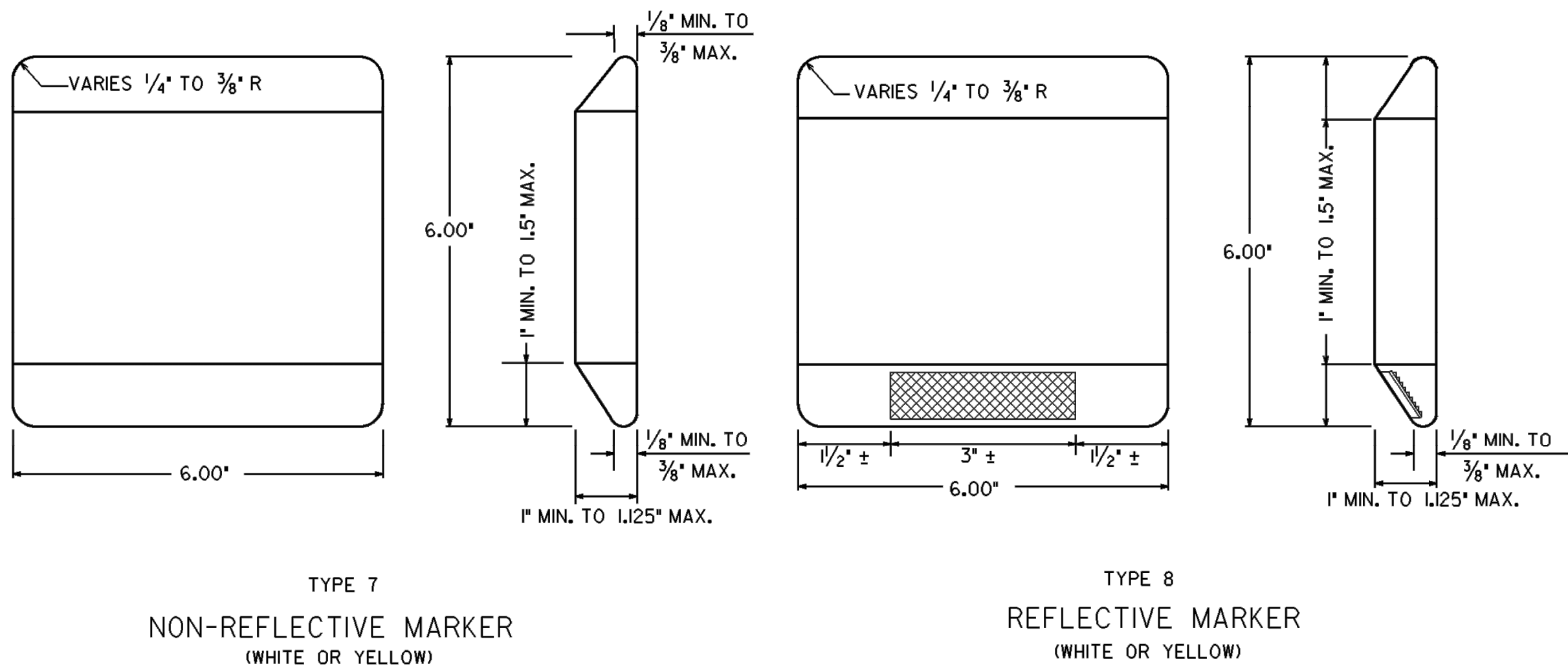
TYPICAL RPM/STRIPE SPACING



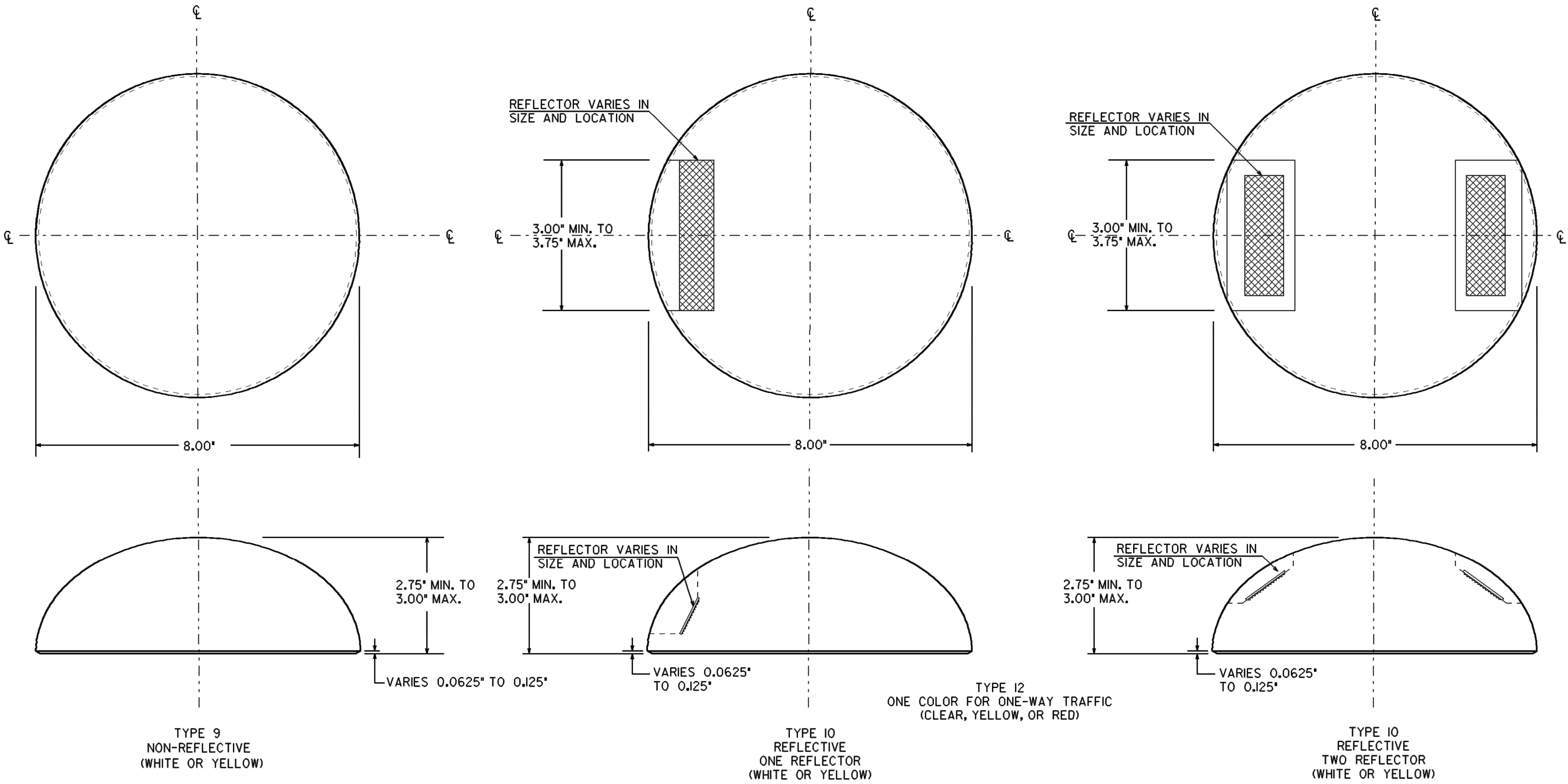
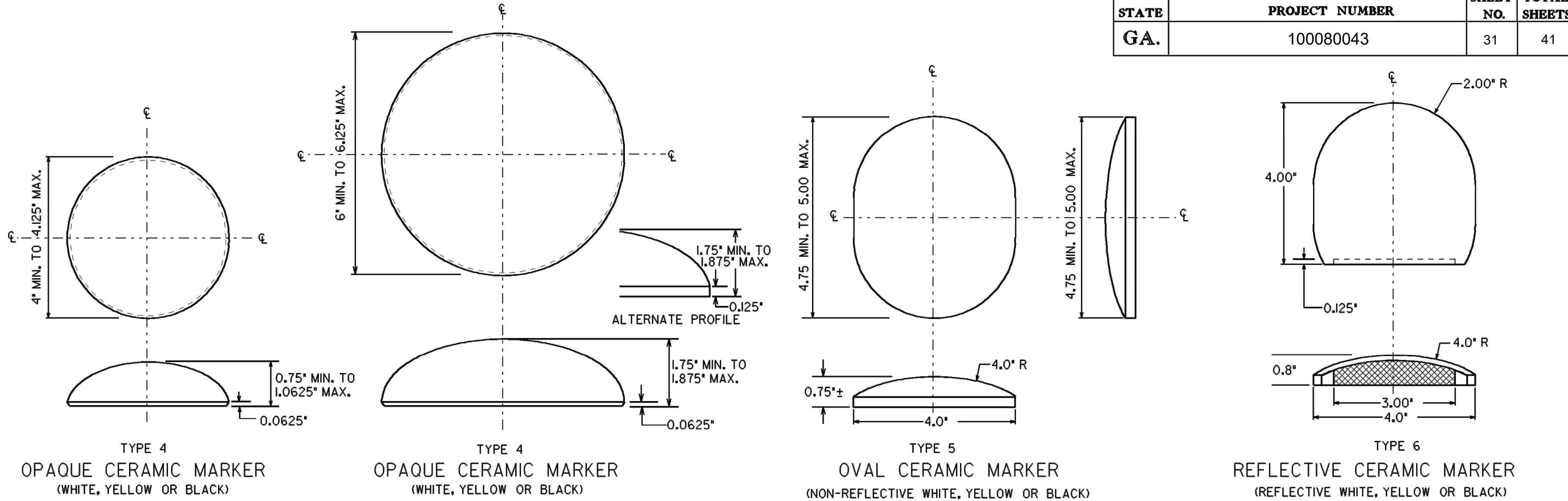
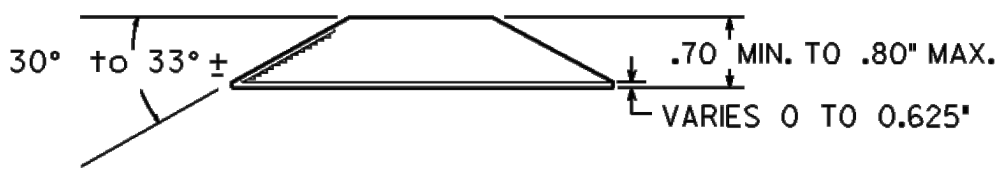
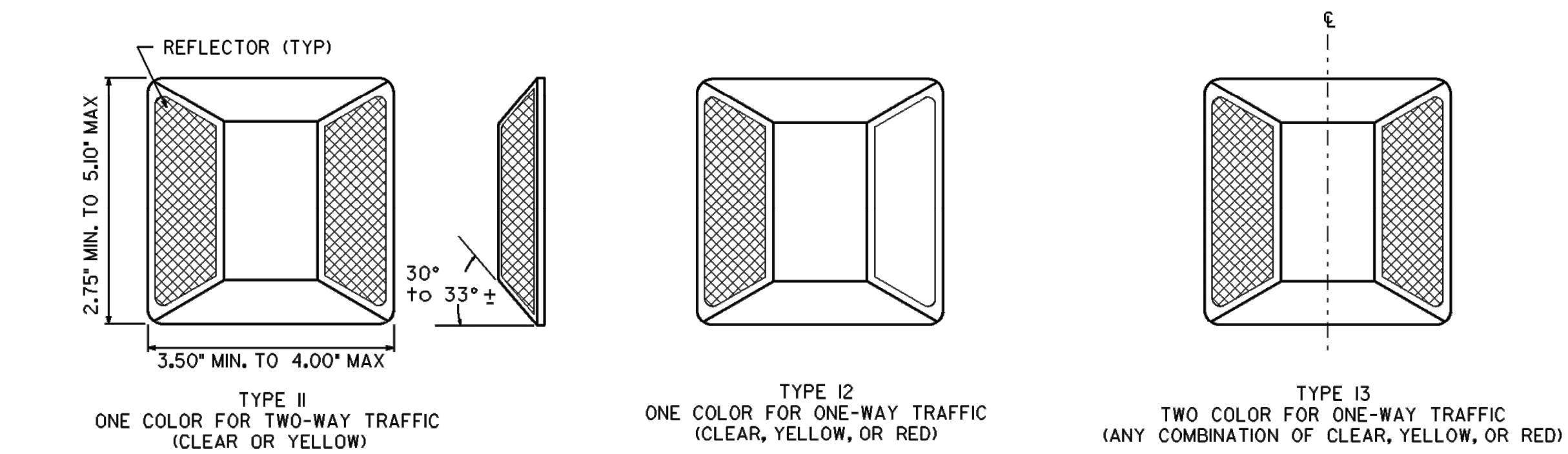
		9-15-2016	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
		REV. RPM SPACING TO 40'	REVISION	CONSTRUCTION DETAILS RAISED PAVEMENT MARKER LOCATION NON-LIMITED ACCESS ROADWAY	
				NO SCALE	REV. AND REDRAWN, JUNE 2015
		CDR	BY	DESIGNED _____ DRAWN _____ TRACED _____ CHECKED _____	NUMBER T-15A



RAISED REFLECTIVE MARKERS



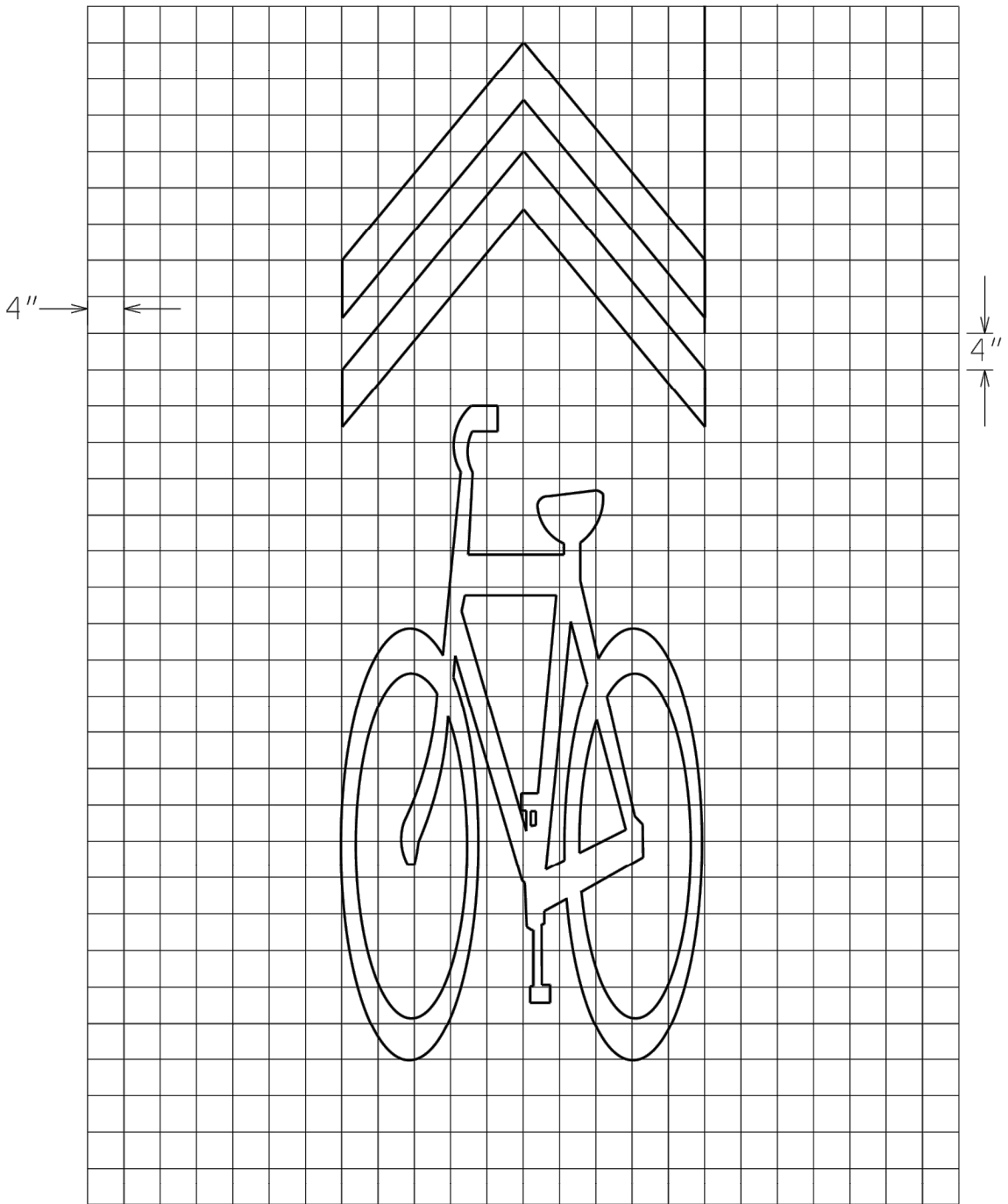
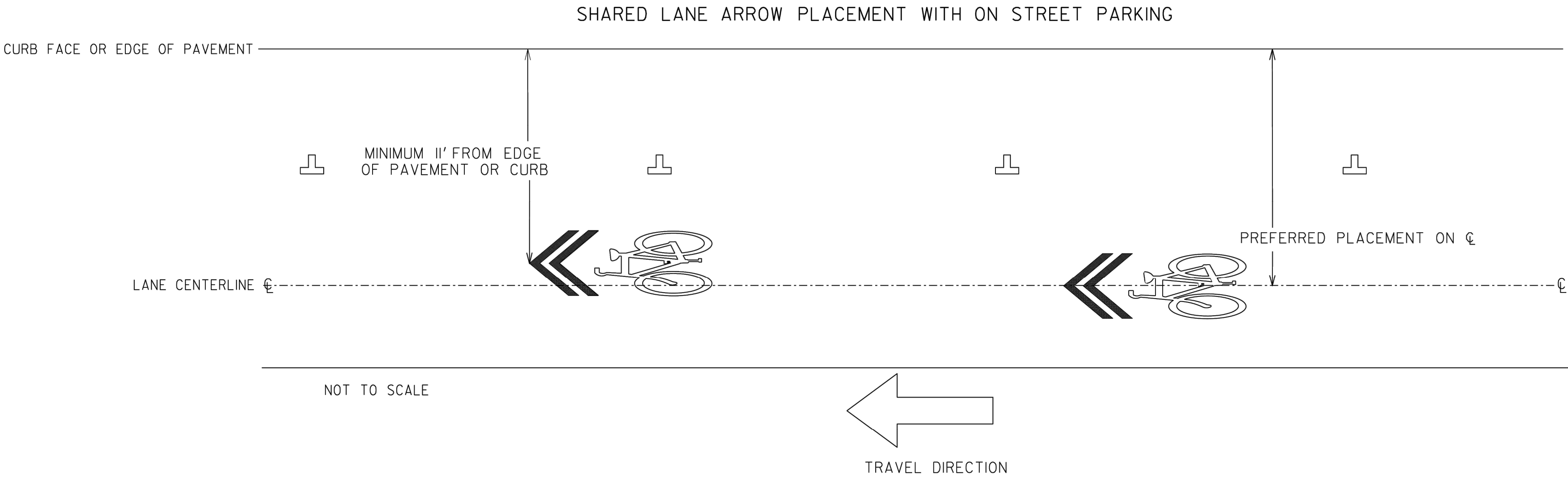
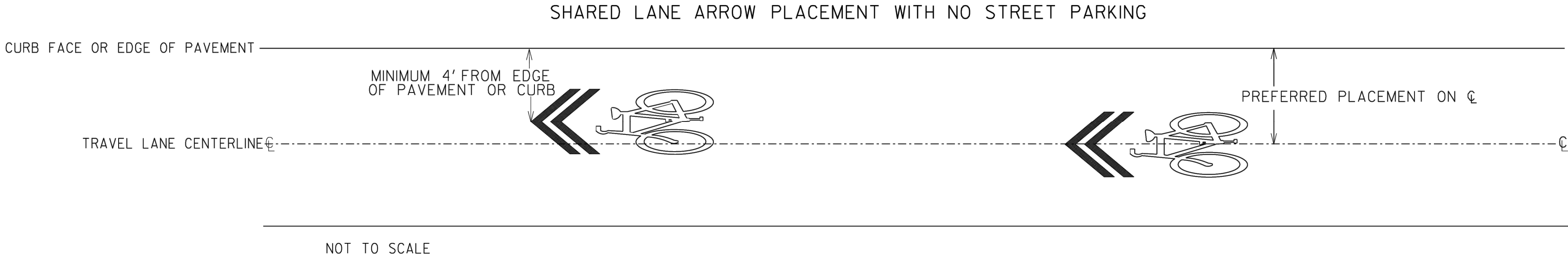
CERAMIC JIGGLE BAR MARKER



CERAMIC CHANNEL MARKER

- GENERAL NOTES:
- SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, AND SUPPLEMENTS THERE TO.
 - THE CONTRACTOR SHALL USE RAISED PAVEMENT MARKER SOURCES AS LISTED IN OPL 76.
 - COLORS FOR REFLECTIVE ELEMENTS SHALL BE EITHER CLEAR, YELLOW, OR RED AS SPECIFIED.
 - THE SHELL OF THE REFLECTIVE MARKERS SHALL BE OF ONE COLOR OR OF A COMBINATION OF TWO COLORS, WHICH SHALL BE THE SAME AS THE REFLECTIVE ELEMENT.
 - THE SURFACE OF OPAQUE CERAMIC MARKERS SHALL BE GLAZED AND OF THE COLOR SPECIFIED IN THE PLANS WITH A WHITE, VITREOUS, CERAMIC BASE.
 - COLORS FOR ALL RAISED PAVEMENT MARKERS SHALL BE AS SPECIFIED IN THE PLANS.

DATE	REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC SAFETY & DESIGN
9-22-11	REV. DIMENSIONS, ADDED NOTES TO MARKERS AND REV. GEN. NOTES.	
		DETAILS OF RAISED PAVEMENT MARKERS
		NO SCALE
		JANUARY 2000



BIKE SHARED LANE SYMBOL

- GENERAL NOTES:
1. SHARED LANE MARKINGS SHALL BE PLACED ON THE FAR SIDE OF EACH INTERSECTION 6 FEET BEYOND THE CROSS WALK OR END OF INTERSECTING ROAD RADII. ADDITIONAL SYMBOLS SHOULD BE PLACED NOT GREATER THAN EVERY 250 FEET THEREAFTER.
 2. SHARED LANE MARKINGS SHALL NOT BE PLACED ON SHOULDERS OR IN DESIGNATED BIKE LANES.
 3. ALL SHARED BICYCLE LANE PAVEMENT SYMBOLS SHALL BE HOT APPLIED PREFORMED PLASTIC (THERMOPLASTIC - 659) FOR BOTH ASPHALT AND CONCRETE PAVEMENTS.
 4. FOR ADDITIONAL INFORMATION REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES, CURRENT EDITION.

		DATE	DEPARTMENT OF TRANSPORTATION	
			STATE OF GEORGIA	
		REVISION	CONSTRUCTION DETAILS	
			DETAILS OF SHARED BICYCLE LANE	
			NO SCALE	3-30-16
	BY	DESIGNED _____ DRAWN _____ TRACED _____ CHECKED _____	NUMBER T-16A	

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	100080043	33	41

GENERAL NOTES :

1.

ALL TRAFFIC CONTROL DEVICES SHALL BE MADE AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS; THE MUTCD; THE GEORGIA STANDARD SPECIFICATIONS, AND/OR SPECIAL PROVISIONS. (SEE SECTION 150)
2.

ALL TRAFFIC CONTROL DEVICES SHALL BE AS SHOWN, OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
3.

ALL PORTABLE SIGNS SHALL BE MOUNTED A MINIMUM OF 1FOOT ABOVE THE LEVEL OF PAVEMENT EDGE FOR DIRECTIONAL TRAFFIC OF TWO (2) LANES OR LESS AND A MINIMUM OF 7 FEET FOR DIRECTIONAL OF THREE (3) OR MORE LANES. ALL PORTABLE SIGNS AND SIGN MOUNTING DEVICES UTILIZED IN THE WORK SHALL BE NCHRP 350 COMPLIANT. PORTABLE SIGNS MAY BE USED WHEN THE DURATION OF THE WORK IS LESS THAN 3 DAYS.
4.

WHEN THE CONSTRUCTION AREA HAS ENTRANCE/EXIT RAMPs OR INTERSECTIONS, WORK WILL BE PERFORMED IN SUCH A MANNER TO PERMIT TRAFFIC TO OPERATE WITH THE LEAST AMOUNT OF INCONVENIENCE AS POSSIBLE. ADDITIONAL CHANNELIZATION AND SIGNING SHALL BE INSTALLED, AS REQUIRED, TO ALLOW TRAFFIC TO REMAIN AS OPERATIONAL AS POSSIBLE. WHEN ENTRANCE RAMPs/INTERSECTIONS ARE INOPERABLE, FLAGGERS WILL BE UTILIZED TO CONTROL AND PROHIBIT MOVEMENT INTO THE PROJECT AT THAT POINT UNTIL CONSTRUCTION HAS CLEARED THE RESTRICTION SUFFICIENT TO RETURN TO OPERATIONAL STATUS.
5.

FOR NIGHT TIME OPERATIONS, DRUMS SHALL HAVE, FOR THE LENGTH OF THE TAPER ONLY, A SIX (6") INCH ORANGE REFLECTIZED TOP STRIPE ON EACH DRUM IN THE TAPER AS REQUIRED IN SECTION 150. SPACING OF DEVICES SHALL BE AS SHOWN. DURING DAYLIGHT HOURS, CONES (28" MIN.) MAY BE USED IN ADVANCE OF AND THROUGHOUT WORK AREA.
6.

SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS BUT MUST BE WITHIN THE LIMITATIONS SET FORTH IN THE MUTCD.
7.

A PORTABLE SELF-SUSTAINED SEQUENTIAL OR FLASHING ARROW SIGN SHALL BE USED AT THE BEGINNING OF EACH LANE CLOSURE ON MULTI-LANE HIGHWAYS. ARROW PANELS SHALL NOT BE USED ON TWO-LANE TWO-WAY HIGHWAYS EXCEPT IN CAUTION MODE.
8.

WHEN NOT IN USE, PORTABLE SIGNS SHALL BE REMOVED FROM THE TRAVELWAY SO THAT THE MESSAGE IS NOT VISIBLE TO THE MOTORIST. INTERIM SIGNS THAT ARE PERMANENTLY MOUNTED SHALL BE COVERED WHEN NOT APPLICABLE. SEE SECTION 150.
9.

PROJECT SIGNS W20-1, G20-1 & G20-2 FOR THIS PROJECT SHALL BE COORDINATED WITH ADJACENT CONSTRUCTION PROJECTS. ONLY ONE SET OF SIGNS IS REQUIRED IN EACH DIRECTION FOR THE TOTAL LENGTH OF ALL PROJECTS- AT THE BEGINNING OF THE FIRST PROJECT AND AT THE ENDING OF THE LAST PROJECT. ADVANCE CONSTRUCTION SIGNS ARE NOT REQUIRED ON INTERMEDIATE PROJECTS, UNLESS CONSTRUCTION ON THE ADJACENT PROJECTS IS COMPLETED BEFOREHAND. THEN PROJECT CONSTRUCTION SIGNS WILL BE ADDED AS NECESSARY.
10.

ALL THE COST OF THE MATERIALS, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL SECTION 150, LUMP SUM, WHEN SHOWN AS A PAYMENT ITEM IN THE PROPOSAL. OTHERWISE, ALL THE COST WILL BE INCLUDED IN THE OVER-ALL BID SUBMITTED. EXCEPT ON CERTAIN PROJECTS SOME ITEMS MAY BE PAID FOR SEPARATELY BY THE UNIT WHEN SPECIFIED ON THE PLANS AND IN THE PROPOSAL.
11.

FOR FREEWAY CONSTRUCTION THE CONTRACTOR SHALL ARRANGE HIS WORK SO THAT THERE IS AN EXIT GORE SIGN AND AN EXIT DIRECTION SIGN IN PLACE FOR ALL EXIT RAMPs AT ALL TIMES.
12.

ALL CROSSROADS, SIDEROADS, RAMPs OR OTHER ENTRANCES TO MAINLINE CONSTRUCTION SHALL REQUIRE W20-1 SIGNS LOCATED AS SHOWN IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.
13.

MARKINGS AND/OR SIGNS IN CONFLICT WITH INTERIM TRAFFIC CONTROL SHALL BE REMOVED, RELOCATED OR COVERED; APPLICABLE EXISTING AND INTERIM MARKINGS AND/OR SIGNING SHALL BE MAINTAINED PER SECTION 150.
14.

ANY CHANNELIZING DEVICES (DRUMS OR BARRICADES) IN CONFLICT WITH CONCRETE BARRIERS SHALL BE OMITTED.
15.

CONTRACTOR SHALL PROVIDE THE NECESSARY TRAFFIC CONTROL DURING THE TIE-IN OPERATION.
16.

THE TRAFFIC CONTROL DEVICES SHOWN FOR ANY STAGE CONSTRUCTION SHALL REMAIN IN PLACE AND BE UTILIZED SO LONG AS NECESSARY FOR THE FOLLOWING STAGES AND SHALL BE REMOVED IMMEDIATELY WHEN NO LONGER REQUIRED. THE DEVICES MAY OR MAY NOT BE SHOWN ON THE PLANS FOR THESE FOLLOWING STAGES, REFER TO THE PLAN SHEET FOR THE INITIAL STAGE FOR THESE TRAFFIC CONTROLS.
17.

EXISTING GUIDE SIGNS SHALL REMAIN IN PLACE SO LONG AS THEY DO NOT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT. WHEN IN CONFLICT, THEY SHALL BE RELOCATED ON TEMPORARY POSTS AT THE LOCATION AS DIRECTED BY THE ENGINEER. ANY DISTANCE SHOWN ON THE SIGN SHALL BE ADJUSTED ACCORDINGLY. IF THE SIGNS CANNOT BE RELOCATED, THEN THE SIGN SHALL BE REMOVED AND STORED AT A PLACE DESIGNATED BY THE ENGINEER. IF NEITHER OF THE ABOVE CAN BE DONE, THEN THE CONTRACTOR SHALL PROVIDE INTERIM GUIDE SIGNS AS COVERED IN SECTION 150.
18.

(a) ON PROJECTS WITH LOW OR SOFT SHOULDERS, THE CONTRACTOR SHALL ERECT IMMEDIATELY AHEAD OF CONSTRUCTION OPERATIONS "LOW/SOFT SHOULDER" WARNING SIGNS AT THE PROJECT TERMINII, AT INTERVALS NOT TO EXCEED 1 MILE AND IMMEDIATELY PAST EACH CROSSROAD.

(b) WHERE THE CONTRACTOR IS NOT RESPONSIBLE FOR SHOULDER CONSTRUCTION, THE DEPARTMENT WILL FURNISH THESE SIGNS FOR THE CONTRACTOR TO PICK UP, TRANSPORT, AND ERECT. THE DEPARTMENT WILL LATER REMOVE AND RETAIN THE SIGNS.

STANDARD LEGEND

- 

STRIPED DRUM
- 

TYPE III BARRICADES
- 

SPECIAL BARRICADE WITH BI-DIRECTIONAL, TYPE 'C' STEADY BURNING LIGHT OR HIGHWAY SIGN AS SPECIFIED (SEE DETAIL)
- 

SEQUENTIAL OR FLASHING ARROW
- 

PORTABLE CHANGEABLE MESSAGE SIGN
- 

PERMANENT TYPE POST MOUNTED SIGN
- 

TEMPORARY POST MOUNTED SIGN
- 

PORTABLE MOUNTED SIGN - FLAGS NOT REQUIRED
- 

WORK AREA
- 

TRAFFIC CONE - 28" MIN. - (DAYTIME USE ONLY)
- 

FLAGGER WITH STOP-SLOW PADDLE
- 

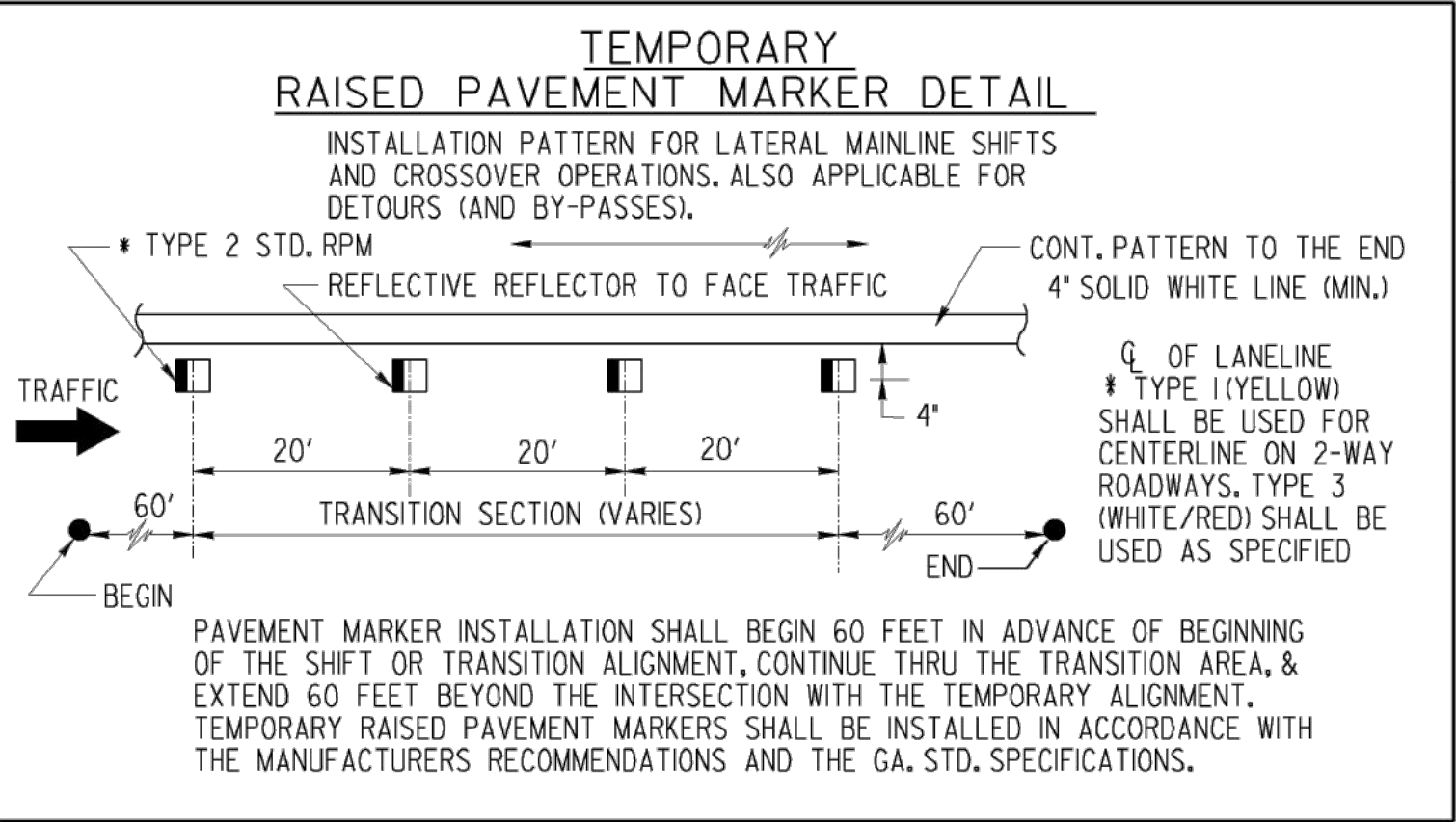
TRAFFIC IMPACT ATTENUATOR (CRASH CUSHION)
- 

TYPE I CLEAR (WHITE) DELINEATOR - SINGLE FACE
- 

TYPE I YELLOW DELINEATOR - SINGLE FACE
- 

TYPE I CLEAR (WHITE) DELINEATOR DOUBLE FACE
- 

TYPE I YELLOW DELINEATOR DOUBLE FACE

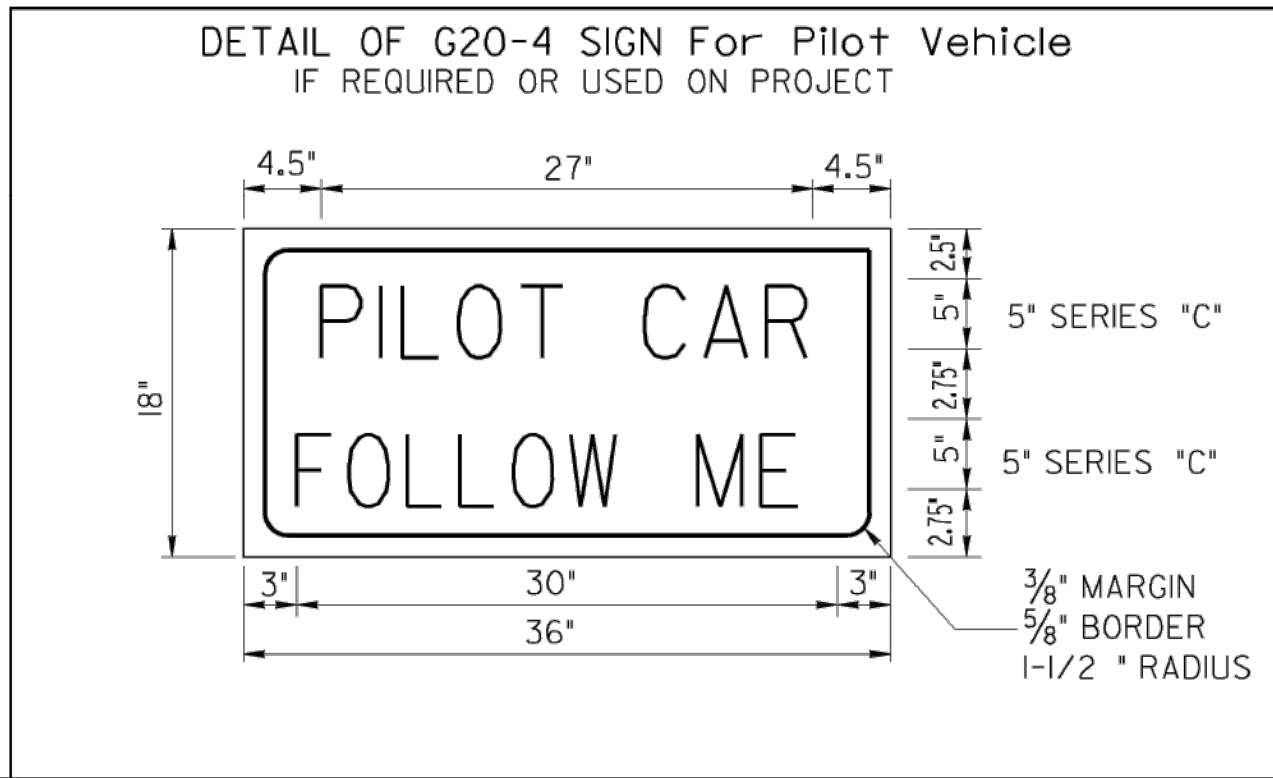


	3-30-06		4-24-01	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISED GENERAL NOTES AND LEGEND, DELETED TWO DETAILS.		SPEC. BAR. SH. SPEC. REVISION			STANDARD TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, MISCELLANEOUS DETAILS	
					NO SCALE	AUG., 1999
GLO			BY	DES. _____ DRW. _____ TRA. _____ CHK. _____	(SUBMITTED) <i>B. A. St.</i> STATE ROAD & AIRPORT DESIGN ENGINEER (APPROVED) <i>D. L. K. H. H. G.</i> CHIEF ENGINEER	NUMBER 9100

3-30-06		DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REMOVED FLAGS AND REV. GENERAL NOTES REV. SIGN C20-2A TO C20-2.	REVISION	STANDARD TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON TWO-LANE HIGHWAY		
		NO SCALE	REV. & REDR. JULY, 1999	
GLO	BY	DES. _____ DRW. _____ TRA. _____ CHK. _____	(SUBMITTED) <i>B. A. Smith</i> STATE ROAD & AIRPORT DESIGN ENGINEER (APPROVED) <i>D. L. Smith</i> CHIEF ENGINEER	NUMBER 9102

1. ALL TRAFFIC CONTROL DEVICES SHALL BE MADE AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS; THE MUTCD; THE GEORGIA STANDARD SPECIFICATIONS, AND/OR SPECIAL PROVISIONS. (SEE SECTION 150)
2. ALL TRAFFIC CONTROL DEVICES SHALL BE AS SHOWN, OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
3. ALL PORTABLE SIGNS SHALL BE MOUNTED A MINIMUM OF 1 FOOT ABOVE THE LEVEL OF PAVEMENT EDGE FOR DIRECTIONAL TRAFFIC OF TWO (2) LANES OR LESS AND A MINIMUM OF 7 FEET FOR DIRECTIONAL OF THREE (3) OR MORE LANES. ALL PORTABLE SIGNS AND SIGN MOUNTING DEVICES UTILIZED IN THE WORK SHALL BE NCHRP 350 COMPLIANT. PORTABLE SIGNS MAY BE USED WHEN THE DURATION OF THE WORK IS LESS THAN 3 DAYS.
4. WHEN THE CONSTRUCTION AREA HAS ENTRANCE/EXIT RAMPS OR INTERSECTIONS, WORK WILL BE PERFORMED IN SUCH A MANNER TO PERMIT TRAFFIC TO OPERATE WITH THE LEAST AMOUNT OF INCONVENIENCE AS POSSIBLE. ADDITIONAL CHANNELIZATION AND SIGNING SHALL BE INSTALLED, AS REQUIRED, TO ALLOW TRAFFIC TO REMAIN AS OPERATIONAL AS POSSIBLE. WHEN ENTRANCE RAMPS/INTERSECTIONS ARE INOPERABLE, FLAGGERS WILL BE UTILIZED TO CONTROL AND PROHIBIT MOVEMENT INTO THE PROJECT AT THAT POINT UNTIL CONSTRUCTION HAS CLEARED THE RESTRICTION SUFFICIENT TO RETURN TO OPERATIONAL STATUS.

- BUFFER ZONE: 200' MINIMUM, 300' DESIRABLE ON TANGENTS;
CAN BE INCREASED AS DIRECTED BY THE
ENGINEER FOR HORIZONTAL OR VERTICAL
CURVES DUE TO SIGHT DISTANCE CONSIDERATION.



- STRIPED DRUM
- ├ PERMANENT TYPE POST MOUNTED SIGN (7' MOUNT HEIGHT)
- ⊕ TEMPORARY POST MOUNTED SIGN - (7' MOUNT HEIGHT)
- Ⓚ PORTABLE MOUNTED SIGN - MINIMUM HEIGHT OF 1 FT. ABOVE THE EDGE OF PAVEMENT;
INSTALLED AS PER NCHRP 350 TESTING REQUIREMENTS.
- WORK AREA
- ▲ TRAFFIC CONE - 28" MIN. - DAYTIME USE ONLY
- ─■ FLAGGER WITH STOP-SLOW PADDLE

- ALL DISTURBED AREAS SHALL HAVE EROSION CONTROL PROVIDED IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION, AND CITY OF DECATUR/DEKALB COUNTY STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
2. ALL EROSION CONTROL MEASURES SHALL COMPLY WITH THE STATE OF GEORGIA SOIL AND WATER CONSERVATION COMMISSION MANUAL FOR EROSION AND SEDIMENT CONTROL IN THE STATE OF GEORGIA, CURRENT EDITION, AND CITY OF DECATUR/DEKALB COUNTY, STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
3. ALL CONSTRUCTION SHALL CONFORM TO CITY OF DECATUR/DEKALB COUNTY, O.S.H.A., AND/OR GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT) STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
4. THE NOTATION (XXX) AS SHOWN ON THE EROSION CONTROL PLAN SHEET(S) AND ON THE EROSION CONTROL DETAIL SHEET FOR THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES, REFERS TO THE GEORGIA UNIFORM CODING SYSTEM AS DETAILED IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION.
5. GENERAL STATEMENT OF DESIGNED EROSION CONTROL SYSTEM:
 - A. NO SURFACE WATER FLOWS FROM ONSITE AREA SHALL BE ALLOWED INTO THE STORM SEWER SYSTEM WITHOUT FIRST BEING FILTERED BY AN EFFECTIVE SEDIMENT ENTRAPMENT DEVICE.
 - B. SEDIMENT ENTRAPMENT DEVICES ARE TO BE MAINTAINED AT ALL POINTS WHERE SURFACE FLOWS FROM DISTURBED AREAS CAN LEAVE THE SITE. FLOWS ARE TO BE DIRECTED TO ENTRAPMENT DEVICES THROUGHOUT CONSTRUCTION ACTIVITIES. MAINTAIN ALL BMP'S IN ACCORDANCE WITH REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION.
6. EROSION CONTROL MEASURES MUST BE CONSTRUCTED PRIOR TO ANY LAND DISTURBING ACTIVITIES ON-SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AT THE END OF EACH WORKING DAY AND AFTER EACH STORM EVENT TO ENSURE THAT ALL MEASURES ARE FUNCTIONING PROPERLY. ANY NECESSARY REPAIRS SHALL BE MADE BY THE CONTRACTOR.
7. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY LAND DISTURBANCE ON SITE. SILT BARRIER TO BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR CITY OF DECATUR INSPECTOR.
8. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
9. EROSION AND SEDIMENTATION 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 ONSITE INSPECTOR OR THE DESIGN PROFESSIONAL.
10. ANY DISTURBED AREA LEFT IDLE/EXPOSED FOR A PERIOD GREATER THAN 14-DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
11. EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY, AFTER EACH RAIN EVENT, AND REPAIRED AS NECESSARY.
12. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.
13. THE CONTRACTOR SHALL COMPLETELY REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AND TREE PROTECTION FENCING ONCE FINAL STABILIZATION IS ACHIEVED.
14. THE CONTRACTOR IS RESPONSIBLE FOR MONITORING DOWNSTREAM CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND FOR REMOVING ANY DEBRIS AND SEDIMENT THAT IS CAUSED BY CONSTRUCTION ACTIVITIES.
15. ALL DISTURBED AREAS SHALL BE GRASSSED BY THE SITEWORK CONTRACTOR AS SOON AS CONSTRUCTION PHASES PERMIT.
16. WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24-HOURS OF SEEDING.
17. DURING UNSUITABLE GROWING SEASONS, MULCH WILL BE USED AS A TEMPORARY COVER (Ds1). ON SLOPES 4:1 OR STEEPER, MULCH MUST BE ANCHORED.
18. SILT FENCE SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION.
19. SEDIMENT DEPTH INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE MAINTENANCE REQUIREMENTS.
20. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
21. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING AND BLANKETS.
23. ALL PERMANENT GRADED EARTH SLOPES, EXCAVATION OR EMBANKMENT (CUT AND FILL) SHALL BE GRADED TO A MAXIMUM FINISHED SLOPE OF TWO (2) FEET HORIZONTAL TO ONE (1) FOOT VERTICAL (MAXIMUM SLOPE 2H:1V).
24. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO SENSITIVE AREAS (I.E. CULTURAL RESOURCES: ENDANGERED SPECIES, ARCHEOLOGICAL SITES, HISTORICAL SITES, ETC...) EXIST ON, OR WITHIN, 200- FEET OF THE PROJECT SITE.
25. BASED ON OUR REVIEW OF CURRENT USGS MAPS, THE CITY OF DECATUR GIS MAPS, AND THE NATIONAL WETLAND INVENTORY DATABASE THERE ARE NO WATERS OF THE STATE EXIST WITHIN 200- FEET OF THE PROJECT. NO WETLANDS ARE LOCATED WITHIN 200 FEET OF THE PROJECT.

26. FLOOD NOTE:

"DEKALB COUNTY, GEORGIA"; PANEL 13089C0064K;
MAP NUMBER 130065; MAP EFFECTIVE DATE: AUGUST 15, 2019.

"CITY OF DECATUR, GEORGIA"; PANEL 13089C0068K;
MAP NUMBER 135159; MAP EFFECTIVE DATE: AUGUST 15, 2019.

THIS PROPERTY LIES WITHIN THE FOLLOWING AREAS:

"AREA OF MINIMAL FLOOD HAZARD ZONE X": AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

27. ALL DISTURBED AREAS LEFT IDLE FOR 5 DAYS, AND NOT TO FINAL GRADE, WILL NEED TO ESTABLISH TEMPORARY VEGETATION BY USING DS1 / DS2. ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION BY USING DS3 OR DS4 IMMEDIATELY UPON COMPLETION.

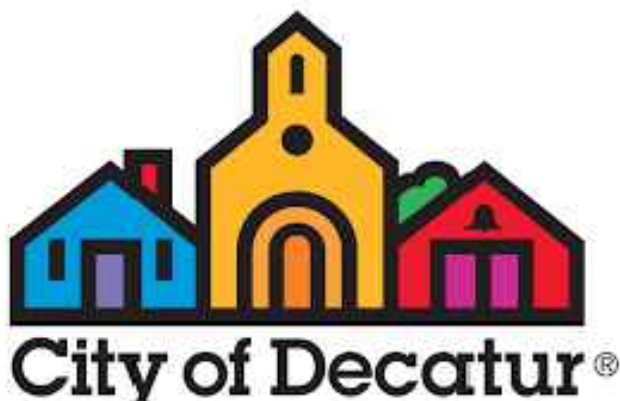
28. TOTAL DISTURBED AREA= .29 ACRES. A NOI IS NOT REQUIRED.

[illegible]

A. REFER TO THE SOIL SERIES INFORMATION CHART BELOW.

1

SOIL SERIES INFORMATION		
MAP UNIT SYMBOL	MAP UNIT NAME	HYDROLOGIC GROUP
CuC	CECIL-URBAN LAND COMPLEX, 2 TO 10 PERCENT SLOPES	B
PuE	PACOE-URBAN LAND COMPLEX, 10 TO 25 PERCENT SLOPES	B



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

Certificate of Authorization #LSF000120
 Certificate of Authorization #PEF000902
 Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES		CITY OF DECATUR PUBLIC WORKS PARKWOOD TRAFFIC CALMING ESPC GENERAL NOTES				
09/15/25	△ SIDEWALK REV.					
		CHECKED:	R.R.	DATE:		DRAWING NO. 51-01
		BACKCHECKED:	R.R.	DATE:		
		CORRECTED:	K.F.	DATE:		
		VERIFIED:	R.R.	DATE:		

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	37	41

GENERAL SHEET NOTES

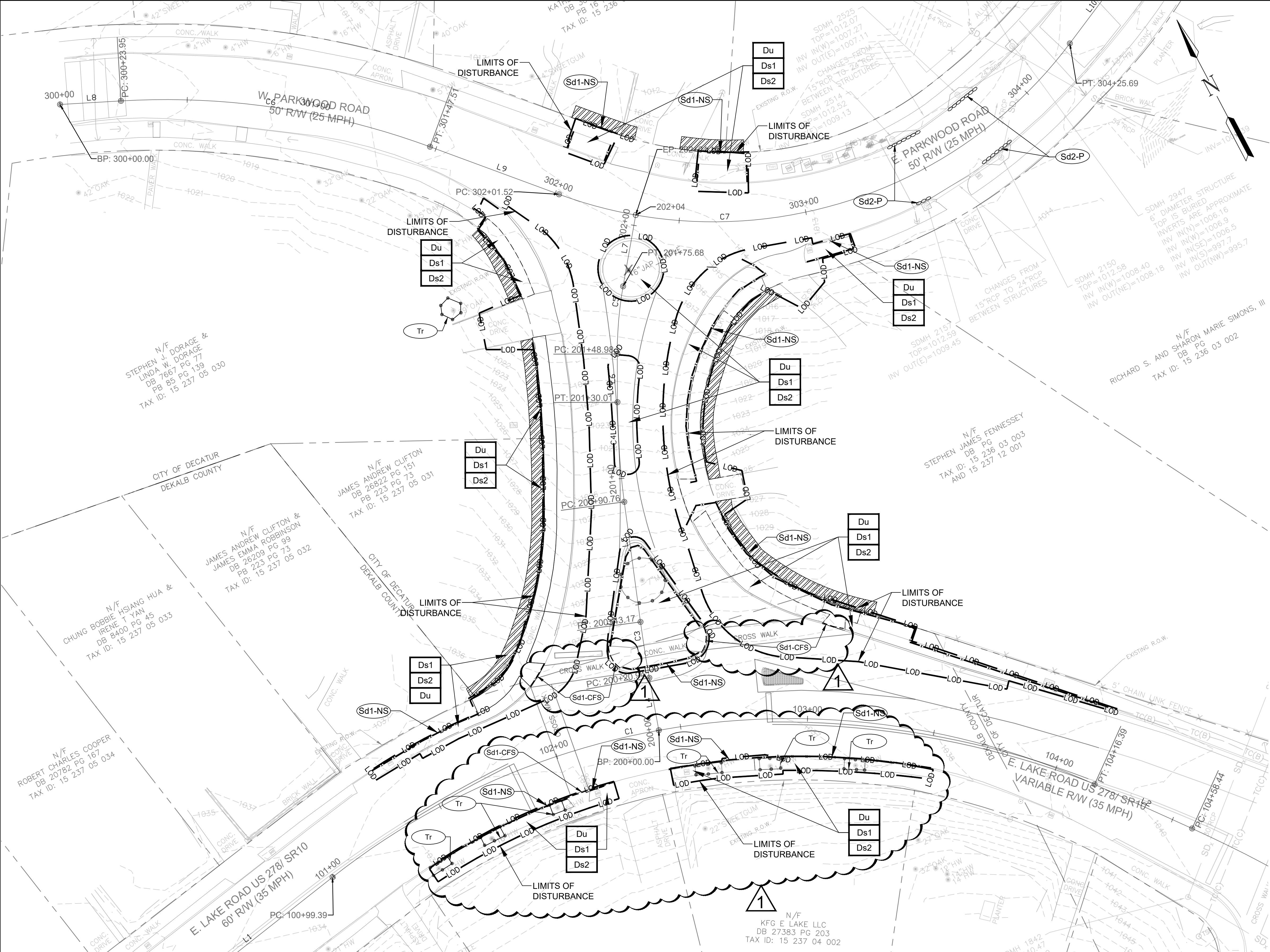
- THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
- REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
- REFER EX-01 FOR EXISTING CONDITIONS.
- REFER TO 51 SERIES FOR EROSION, SEDIMENT, AND POLLUTION CONTROL NOTES.
- REFER TO 56 SERIES FOR EROSION, SEDIMENT, AND POLLUTION CONTROL DETAILS.
- REFER TO LANDSCAPE PLAN SERIES 29-00 FOR PROPOSED PLANTINGS AND PERMANENT VEGETATION.
- REFER TO SHEET 13-02 FOR LINE AND CURVE DATA.
- ALL DISTURBED AREAS SHALL RECEIVED PERMANENT VEGETATION.

PLAN LEGEND

- | | |
|---------|---|
| Ds1 | DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) |
| Ds2 | DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) |
| Ds4 | DISTURBED AREA STABILIZATION (WITH SODDING) |
| Du | DUST CONTROL ON DISTURBED AREAS |
| Sd1-CFS | SEDIMENT BARRIER - COMPOSITE SOCK FILTER - TYPE "B" |
| Sd1-NS | SEDIMENT BARRIER - SILT FENCE ("TYPE A - NON-SENSITIVE") |
| Sd2-P | INLET SEDIMENT TRAP - CURB INLET FILTER ("PIGS-IN-A-BLANKET") |
| Tr | TREE PROTECTION FENCE |
| LOD | LIMITS OF DISTURBANCE |

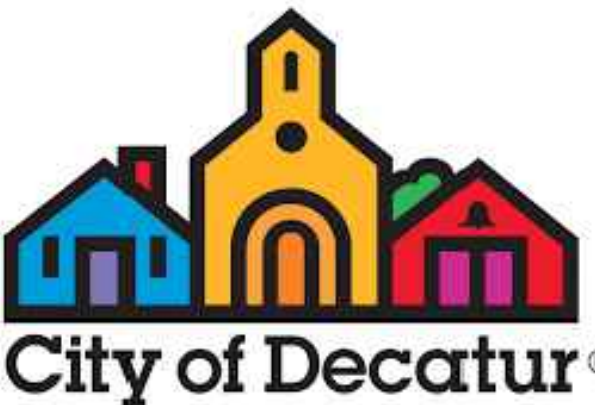
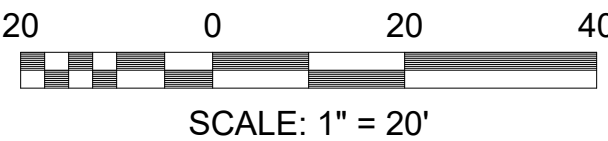
GENERAL EROSION CONTROL NOTES:

- FOR EROSION AND SEDIMENT CONTROL NOTES, REFER TO DRAWING NO. 51-01.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, REFER TO DRAWING NO'S. 56-01 THRU 56-04.
- FOR SOIL SERIES INFORMATION AND CHART, REFER TO DRAWING 51-01.



PROPERTY LINE	---
LIMITS OF DISTURBANCE	LOD
CONSTRUCTION LIMITS	C/L
CRITICAL ROOT ZONE	---
SILT FENCE	X-X
CONCRETE HEADER CURB	---
TREE PROTECTION FENCE	•••••

DEMOLISH EXISTING TREE	X
DEMOLISH / REMOVE	---
CONCRETE PAVING	---
ASPHALT OVERLAY	---
DRIVEWAY TEMPORARY EASEMENT	---
TEMPORARY EASEMENT	---



ATKINS

Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)335-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES

09/15/25	△ SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS

PARKWOOD TRAFFIC CALMING
ESPC PLAN - INITIAL PHASE

CHECKED:	R.R.	DATE:	DRAWING NO.
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

54-01

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	38	41

GENERAL SHEET NOTES

- THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- REFER TO SHEET 04-01 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
- REFER TO SHEET 02-01 FOR COMPLETE PARKWOOD SHEET SET INDEX.
- REFER EX-01 FOR EXISTING CONDITIONS.
- REFER TO 51 SERIES FOR EROSION, SEDIMENT, AND POLLUTION CONTROL NOTES.
- REFER TO 56 SERIES FOR EROSION, SEDIMENT, AND POLLUTION CONTROL DETAILS.
- REFER TO LANDSCAPE PLAN SERIES 29-00 FOR PROPOSED PLANTINGS AND PERMANENT VEGETATION.
- REFER TO SHEET 13-02 FOR LINE AND CURVE DATA.
- ALL DISTURBED AREAS SHALL RECEIVED PERMANENT VEGETATION.

PLAN LEGEND

- Ds1

DISTURBED AREA STABILIZATION
(WITH MULCHING ONLY)
- Ds2

DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)
- Ds4

DISTURBED AREA STABILIZATION
(WITH SODDING)
- Du

DUST CONTROL ON DISTURBED AREAS
- Sd1-CFS

SEDIMENT BARRIER - COMPOSITE
SOCK FILTER - TYPE "B"
- Sd1-NS

SEDIMENT BARRIER - SILT FENCE
("TYPE A - NON-SENSITIVE")
- Sd2-P

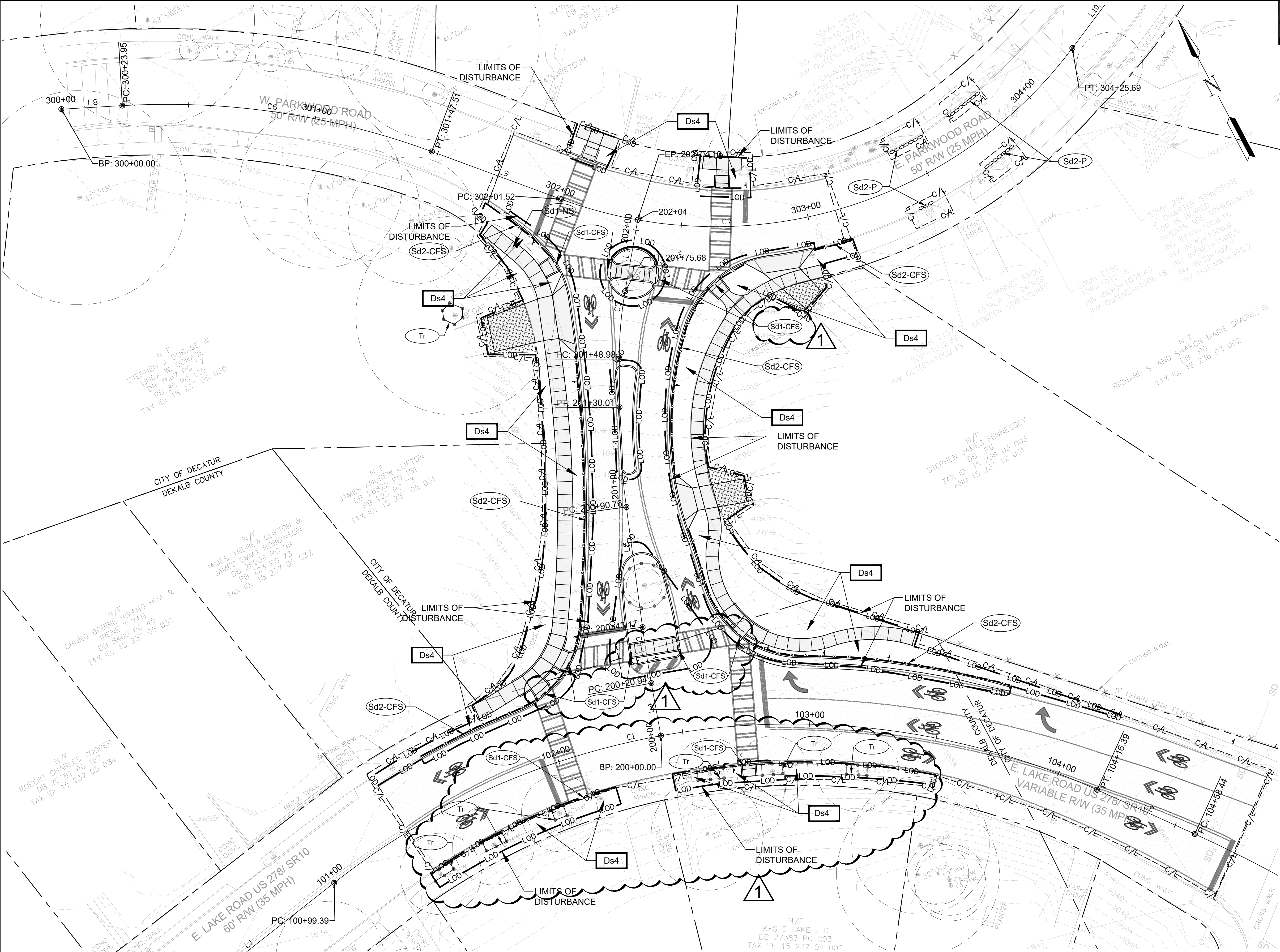
INLET SEDIMENT TRAP -
CURB INLET FILTER ("PIGS-IN-A-BLANKET")
- Tr

TREE PROTECTION FENCE
- LOD

LIMITS OF DISTURBANCE

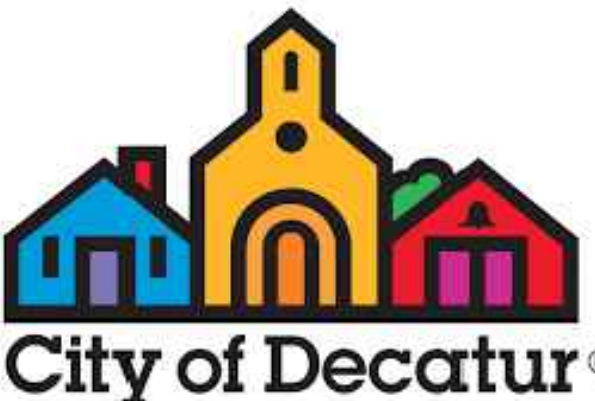
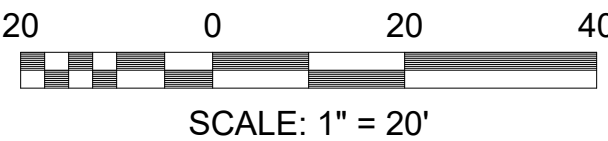
GENERAL EROSION CONTROL NOTES:

- FOR EROSION AND SEDIMENT CONTROL NOTES, REFER TO DRAWING NO. 51-01.
- FOR EROSION AND SEDIMENT CONTROL DETAILS, REFER TO DRAWING NO's. 56-01 THRU 56-04.
- FOR SOIL SERIES INFORMATION AND CHART, REFER TO DRAWING 51-01.



PROPERTY LINE	---
LIMITS OF DISTURBANCE	— LOD —
CONSTRUCTION LIMITS	--- C/L ---
CRITICAL ROOT ZONE	---
SILT FENCE	— X — X —
CONCRETE HEADER CURB	=====
TREE PROTECTION FENCE	•••••

DEMOLISH EXISTING TREE	X
COMPOST FILTER SOCK	---
CONCRETE PAVING	=====
ASPHALT OVERLAY	=====
DRIVEWAY TEMP. EASEMENT	=====
TEMPORARY EASEMENT	=====
INLET PROTECTION	=====



ATKINS

Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)333-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES	
09/15/25	△ SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS				
PARKWOOD TRAFFIC CALMING ESPC PLANS - INTERMEDIATE AND FINAL PHASE				
CHECKED:	R.R.	DATE:	DRAWING NO. 54-02	
BACKCHECKED:	R.R.	DATE:		
CORRECTED:	K.F.	DATE:		
VERIFIED:	R.R.	DATE:		

Sep 22, 2025 - 11:30am
N:\100080043 - City of Decatur - Parkwood Traffic Calming\CAD\94 ESPC PLANS.dwg

Dust Control on Disturbed Areas



DEFINITION
Controlling surface and air movement of dust on construction sites, roads, and demolition sites.

PURPOSE
•To prevent surface and air movement of dust from exposed soil surfaces.

•To reduce the presence of airborne substances that may be harmful or injurious to human health, welfare, or safety, or to animals or plant life.

CONDITIONS
This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may occur without treatment.

METHOD AND MATERIALS

A. Temporary Methods

Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Refer to specification Tac - Tackifiers. Resins should be used according to manufacturer's recommendations.

Vegetative Cover. See specification Ds2 - Disturbed Area Stabilization (With Temporary Seeding).

Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off these areas. Refer to specification Tac - Tackifiers.

Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency

GSWCC 2016 Edition

measure that should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect.

Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet. Repeat as needed.

Barriers. Solid board fences, snowfences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 15 times their height are effective in controlling wind erosion.

Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment.

B. Permanent Methods

Permanent Vegetation. See specification Ds3 - Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable protection if left in place.

Topsolling. This entails covering the surface with less erosive soil material. See specification Tp - Topsolling.

Stone. Cover surface with crushed stone or coarse gravel. See specification Cr-Construction Road Stabilization.

DUST CONTROL ON DISTURBED AREAS

Du

01

56-01

Ds1 - DISTURBED AREA STABILIZATION (w/ MULCHING ONLY)		
MATERIAL	BROADCAST RATE	MATERIAL DEPTH
DRY STRAW (OR, HAY)	2-1/2 TONS / ACRE	2 - 4 INCHES
WOOD WASTE (CHIPS, SAWDUST, OR BARK)	6 - 9 TONS / ACRE	2 - 3 INCHES
CUTBACK ASPHALT (SLOW CURING)	1,200 GAL. / ACRE (1/4 GAL. / SQ.YD.)	-
POLYETHYLENE FILM	REFER TO MANUFACTURER'S RECOMMENDATIONS	-
GEOTEXTILES, JUTE MATTING, NETTING, ETC...	REFER TO MANUFACTURER'S RECOMMENDATIONS	-

NOTE:

REFER TO PAGES 6-33 AND 6-34 OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, CURRENT EDITION, FOR ADDITIONAL INFORMATION.

DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)

Ds1

(NOT TO SCALE)

02

56-01

Table 6-5.1. Fertilizer Requirements

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

- 1/ Apply in spring following seeding.
2/ Apply in split applications when high rates are used.
3/ Apply in 3 split applications.
4/ Apply when plants are pruned.
5/ Apply to grass species only.
6/ Apply when plants grow to a height of 2 to 4 inches.

FERTILIZER REQUIREMENTS

(NOT TO SCALE)

05

56-01

SOUTHERN PIEDMONT VEGETATION PLAN

Ds2 - DISTURBED AREA STABILIZATION W/ TEMPORARY SEED

PLANTING DATES	TEMPORARY SEED SPECIES	BROADCAST RATE / ACRE	BROADCAST RATE / 1.0 sq.ft.
JAN. 1 - JAN. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.
FEB. 1 - FEB. 29	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.
MAR. 1 - MAR. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.
APR. 1 - APR. 30	MILLET, BROWNTOP	40 LBS.	0.9 LBS.
MAY 1 - MAY 31	MILLET, BROWNTOP	40 LBS.	0.9 LBS.
JUN. 1 - JUN. 30	SUDANGRASS	60 LBS.	1.4 LBS.
JUL. 1 - JUL. 31	SUDANGRASS	60 LBS.	1.4 LBS.
AUG. 1 - AUG. 31	SUDANGRASS	60 LBS.	1.4 LBS.
SEP. 1 - SEP. 30	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.
OCT. 1 - OCT. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.
NOV. 1 - NOV. 30	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.
DEC. 1 - DEC. 31	RYEGRASS, ANNUAL	40 LBS.	0.9 LBS.

Ds2 - TEMPORARY VEGETATION / MULCHING

GENERAL:

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS, AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

TREATMENT SPECIFICATIONS:

(CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1) GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY, WITHIN 24 HOURS AFTER SEEDING, WITH STRAW OR HAY MULCH SPREAD UNIFORMLY OVER THE AREA LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT, OR BY HAND, AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT, OR A SPECIAL PACKER DISK, MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

LIME: APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE, OR AS RECOMMENDED BY SOIL TESTS.

FERTILIZER: REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.

MULCHING RATES (FOR TEMPORARY VEGETATION):

1. DRY STRAW: 2 TONS PER ACRE.
2. DRY HAY: 2.5 TONS PER ACRE.
3. WOOD CELLULOSE MULCH OR WOOD PULP FIBER: 500 LBS PER ACRE.

TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

SECOND YEAR FERTILIZER: REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.

Ds3 - DISTURBED AREA STABILIZATION W/ PERMANENT SEED

PLANTING DATES	TEMPORARY SEED SPECIES	BROADCAST RATE / ACRE	BROADCAST RATE / 1.0 sq.ft.
JAN. 1 - JAN. 31	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.
FEB. 1 - FEB. 29	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.
MAR. 1 - MAR. 31	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
APR. 1 - APR. 30	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
MAY 1 - MAY 31	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
JUN. 1 - JUN. 30	BERMUDA (HULLED)	10 LBS.	0.2 LBS.
JUL. 1 - JUL. 31	LESPEDEZA, SERICEA	75 LBS.	1.7 LBS.
AUG. 1 - AUG. 31	LESPEDEZA, SERICEA	75 LBS.	1.7 LBS.
SEP. 1 - SEP. 30	FESCUE, TALL	50 LBS.	1.1 LBS.
OCT. 1 - OCT. 31	FESCUE, TALL	50 LBS.	1.1 LBS.
NOV. 1 - NOV. 30	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.
DEC. 1 - DEC. 31	BERMUDA (UNHULLED)	10 LBS.	0.2 LBS.

Ds3 - PERMANENT VEGETATION / MULCHING

GENERAL:

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS, AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

TREATMENT SPECIFICATIONS:

(CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1) GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY, WITHIN 24 HOURS AFTER SEEDING, WITH STRAW OR HAY MULCH SPREAD UNIFORMLY OVER THE AREA LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT, OR BY HAND, AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT, OR A SPECIAL PACKER DISK, MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

LIME: APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE, OR AS RECOMMENDED BY SOIL TESTS.

FERTILIZER: REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.

MULCHING RATES (FOR PERMANENT VEGETATION):

1. DRY STRAW: 2 TONS PER ACRE.
2. DRY HAY: 2.5 TONS PER ACRE.
3. WOOD CELLULOSE MULCH OR WOOD PULP FIBER: 500 LBS PER ACRE.

TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

SECOND YEAR FERTILIZER: REFER TO GASWCC TABLE 6-5.1 FOR FERTILIZER REQUIREMENTS.

DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds2

(NOT TO SCALE)

03

56-01

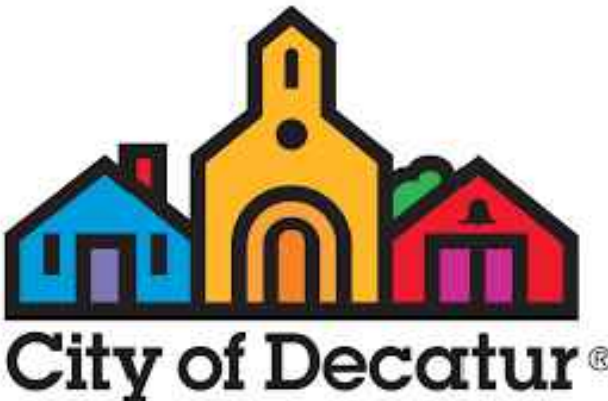
DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING)

Ds3

(NOT TO SCALE)

04

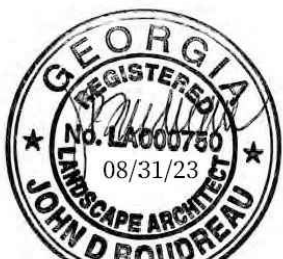
56-01



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc.
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES

CITY OF DECATUR PUBLIC WORKS

PARKWOOD TRAFFIC CALMING
ESPC DETAILS

CHECKED:	R.R.	DATE:	DRAWING NO. 56-01
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

DISTURBED AREA STABILIZATION (WITH SODDING)



DEFINITION
A permanent vegetative cover using sods on highly erodible or critically eroded lands.

PURPOSE

- Establish immediate ground cover.
- Reduce runoff and erosion.
- Improve aesthetics and land value.
- Reduce dust and sediments.
- Stabilize waterways, critical areas.
- Filter sediments, nutrients and bugs.
- Reduce downstream complaints.
- Reduce likelihood of legal action.
- Reduce likelihood of work stoppage due to legal action.
- Increase "good neighbor" benefits.

CONDITIONS

This application is appropriate for areas that require immediate vegetative covers, drop inlets, grass swales, and waterways with intermittent flow.

PLANNING CONSIDERATIONS

Sodding can initially be more costly than seeding, but the advantages justify the increased initial costs:

1. Immediate erosion control, green surface, and quick use.
2. Reduced failure as compared to seed as well as the lack of weeds.
3. Can be established nearly year-round.

Sodding is preferable to seed in waterways and swales because of the immediate protection of the channel after application. Sodding must be staked in concentrated flow areas (See Figure 6-6.1).

Consider using sod framed around drop inlets to reduce sediments and maintaining the grade.

CONSTRUCTION SPECIFICATIONS

Soil Preparation
Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen surfaces, or gravel type soils.

Topsoil properly applied will help guarantee a stand. Don't use topsoil recently treated with herbicides or soil sterilants.

Mix fertilizer into soil surface. Fertilize based on soil tests or Table 6-6.1.

Table 6-6.1. Fertilizer Requirements for Soil Surface Application			
Fertilizer Type	Fertilizer Rate (lbs/acre)	Fertilizer Rate (lbs/sq ft)	Season
10-10-10	1000	.025	Fall

Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre.

Installation

Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod (See Figure 6-6.2)

On slopes steeper than 3:1, sod should be anchored with pins or other approved methods. Installed sod should be rolled or tamped to provide good contact between sod and soil.

Irrigate sod and soil to a depth of 4" immediately after installation.

Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks.

MATERIALS

Sod selected should be certified. Sod grown in the general area of the project is desirable.

1. Sod should be machine cut and contain 3/4" (+ or - 1/4") of soil, not including shoots or thatch.
2. Sod should be cut to the desired size within + or -5%. Torn or uneven pads should be rejected.
3. Sod should be cut and installed within 36 hours of digging.
4. Avoid planting when subject to frost heave or hot weather, if irrigation is not available.
5. The sod type should be shown on the plans or installed according to Table 6-6.2. See Figure 6-4.1 for your Resource Area.

MAINTENANCE

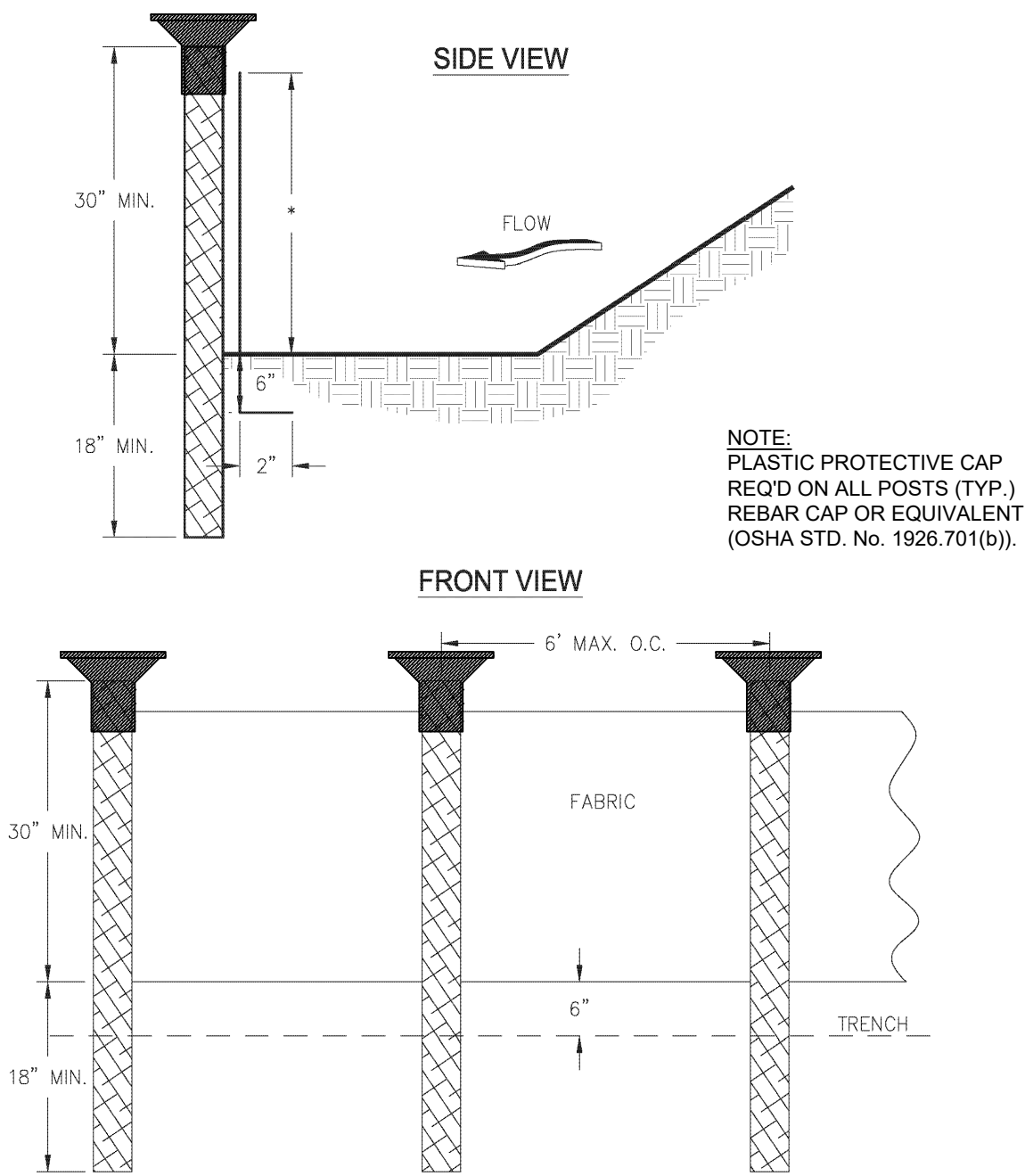
Re-sod areas where an adequate stand of sod is not obtained. New sod should be moved sparingly. Grass height should not be cut less than 2"-3" or as specified (See Figure 6-6.2).

Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with soil tests or Table 6-6.3.

Table 6-6.2 Sod Planting Requirements			
Grass	Varieties	Resource Area	Growing Season
Bermudagrass	Common Tifway Tifgreen Tiflawn	M-L,P P,C P,C P,C	warm weather
Bahiagrass	Pensacola	P,C	warm weather
Centipede	—	P,C	warm weather
St. Augustine	Common Bitterblue Raleigh	C	warm weather
Zoysia	Emerald Myer	P,C	warm weather
Tall Fescue	Kentucky	M-L,P	cool weather

Table 6-6.3 Fertilizer Requirements for Sod				
Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	Nitrogen Top Dressing Rate (lbs./acre)
cool season grasses	first	6-12-12	1500	50-100
	second	6-12-12	1000	-
	maintenance	10-10-10	400	30
warm season grasses	first	6-12-12	1500	50-100
	second	6-12-12	800	50-100
	maintenance	10-10-10	400	30

SILT FENCE



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

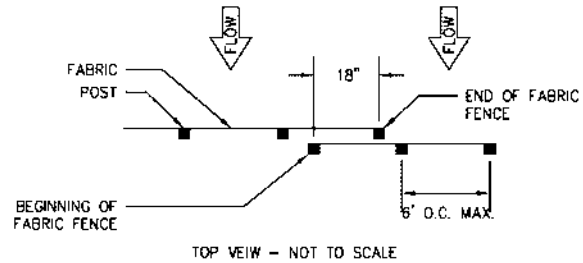
Figure 6-27.1

Table 6-27.3 Fasteners for Wood Posts				
	Gauge	Crown	Legs	Staples / Post
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
	Gauge	Length	Button Heads	Nail/ Post
Nails	16 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

OVERLAP AT FABRIC ENDS

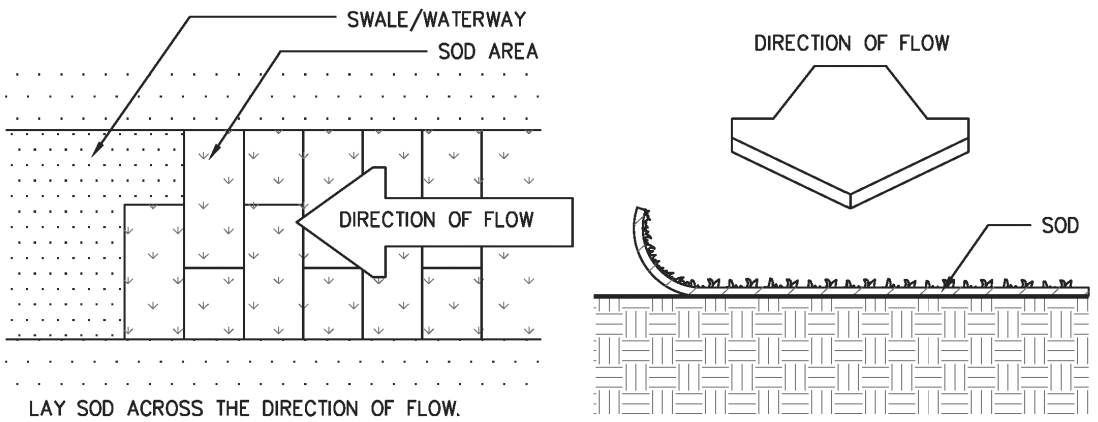


- NOTES:
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER.

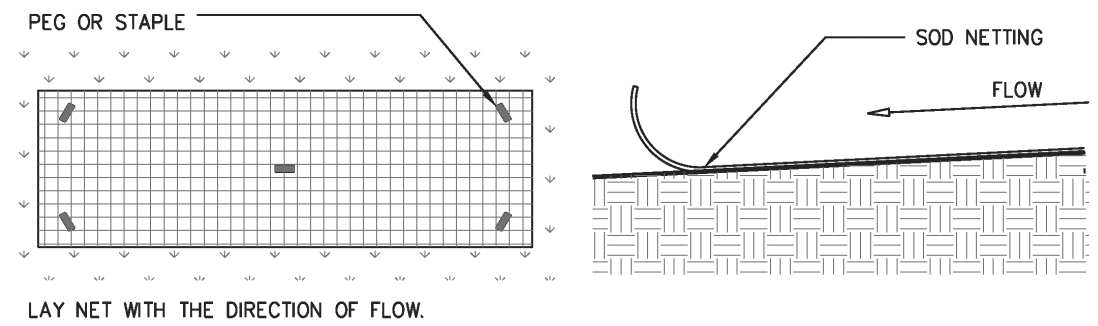
Figure 6-27.5

SODDED WATERWAYS

SOD DIRECTIONS



NETTING DIRECTIONS



PEG DETAIL

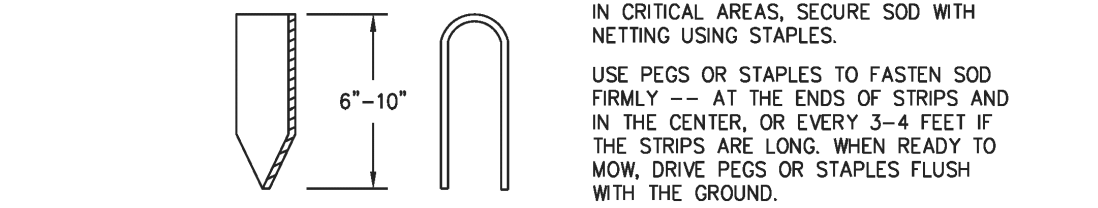
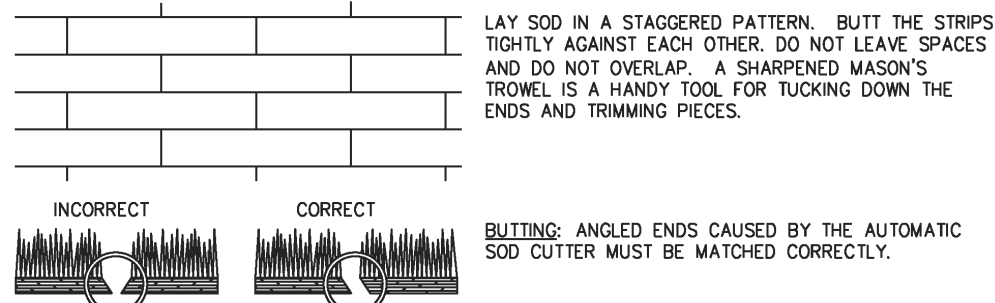


Figure 6-6.1

SOD MAINTENANCE AND INSTALLATION

SOD LAYOUT AND PREPARATION



DIRECTIONS FOR INITIAL MAINTENANCE

- Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL
- Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.
- Step 3. MOW WHEN THE SOD IS ESTABLISHED --- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD

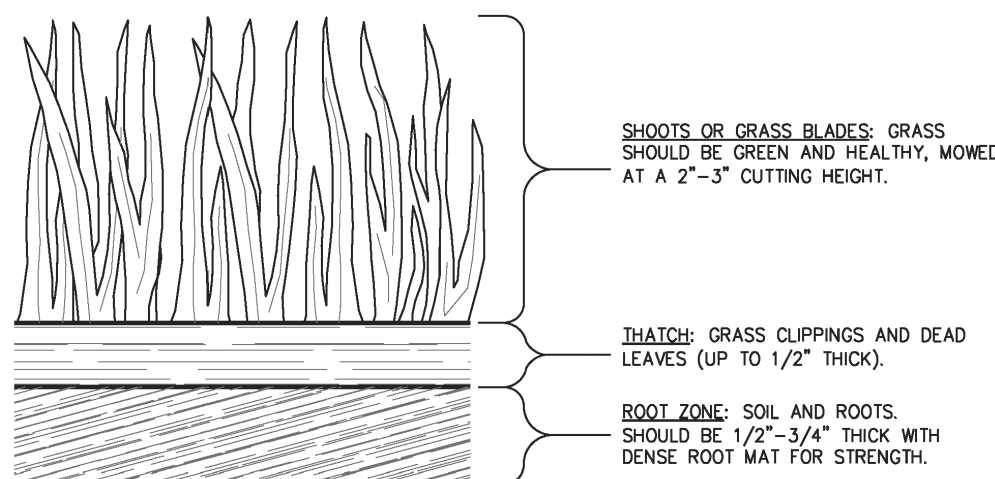


Figure 6-6.2

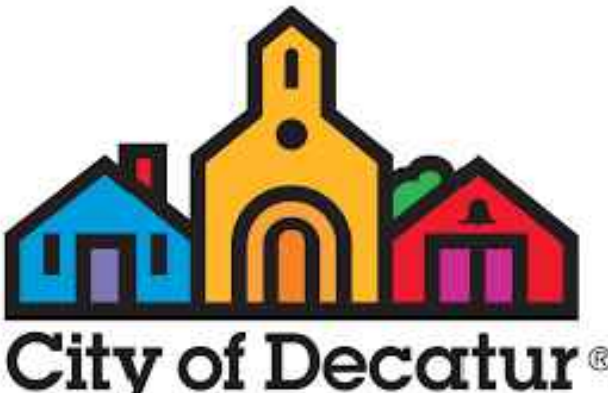
SEDIMENT BARRIER SILT FENCE (NOT TO SCALE)

02

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.



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES

CITY OF DECATUR PUBLIC WORKS

PARKWOOD TRAFFIC CALMING
ESPC DETAILS

CHECKED:	R.R.	DATE:	DRAWING NO.
BACKCHECKED:	R.R.	DATE:	56-02
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	100080043	41	41

Tree Protection

Tr



DEFINITION

To protect desirable trees from injury during construction activity.

PURPOSE

To ensure the survival of desirable trees where they will be effective for erosion and sediment control, watershed protection, landscape beautification, dust and pollution control, noise reduction, shade and other environmental benefits while the land is being converted from forest to urban-type uses.

CONSTRUCTION ACTIVITIES

Trees can be damaged or killed by a wide variety of construction activities. Obvious injuries such as broken branches or torn bark deplete the tree's resources and provide entry points for insects, or for diseases such as Oak Wilt.

The worst damage, however, often remains hidden underground. Roots are one of the most vital parts of a tree. They are responsible for nutrient and water uptake, energy storage and anchoring the plant. It is critical that you protect roots that lie in the path of construction.

Soil compaction is the leading killer of urban trees. Tree roots need loose soil to grow, obtain oxygen, and absorb water and nutrients. Stock-piled building materials, heavy storage and excessive foot traffic, all damage soil structure. Lacking good soil aeration, roots suffocate and tree health declines.

Requirement for Regulatory Compliance
Many cities and counties in Georgia have

tree protection specifications written in their local ordinances. In some areas a permit is needed to remove trees with a specified diameter. It is important for property owners and design professionals to contact the local government to obtain information regarding tree ordinances BEFORE ES&PC plans are designed. Failure to do so could result in heavy fines or delay in construction.

DESIGN CRITERIA

No formal design is required. However, in planning, a number of criteria must be considered.

Tree Protection Zones:

1. Measure the diameter of the tree trunk in inches at 4.5 feet from the ground. This is called the Diameter Breast Height or DBH.
2. Multiply this value by 1.5. This result is the radius of the root protection zone in feet. This is also considered the critical rooting distance.

Once the size of the area is determined, consider fencing materials. Orange tree save fencing or black silt fencing are commonly used.

These materials are easy to install but they often get knocked down or removed when it is inconvenient to go around the tree save area. In some cases more permanent materials, such as chain link fencing, may be required. Whatever fencing material is used, it must be maintained throughout the construction process.

Tree Protection Zone Fencing:

Tree protection zone fencing may be one of the following:

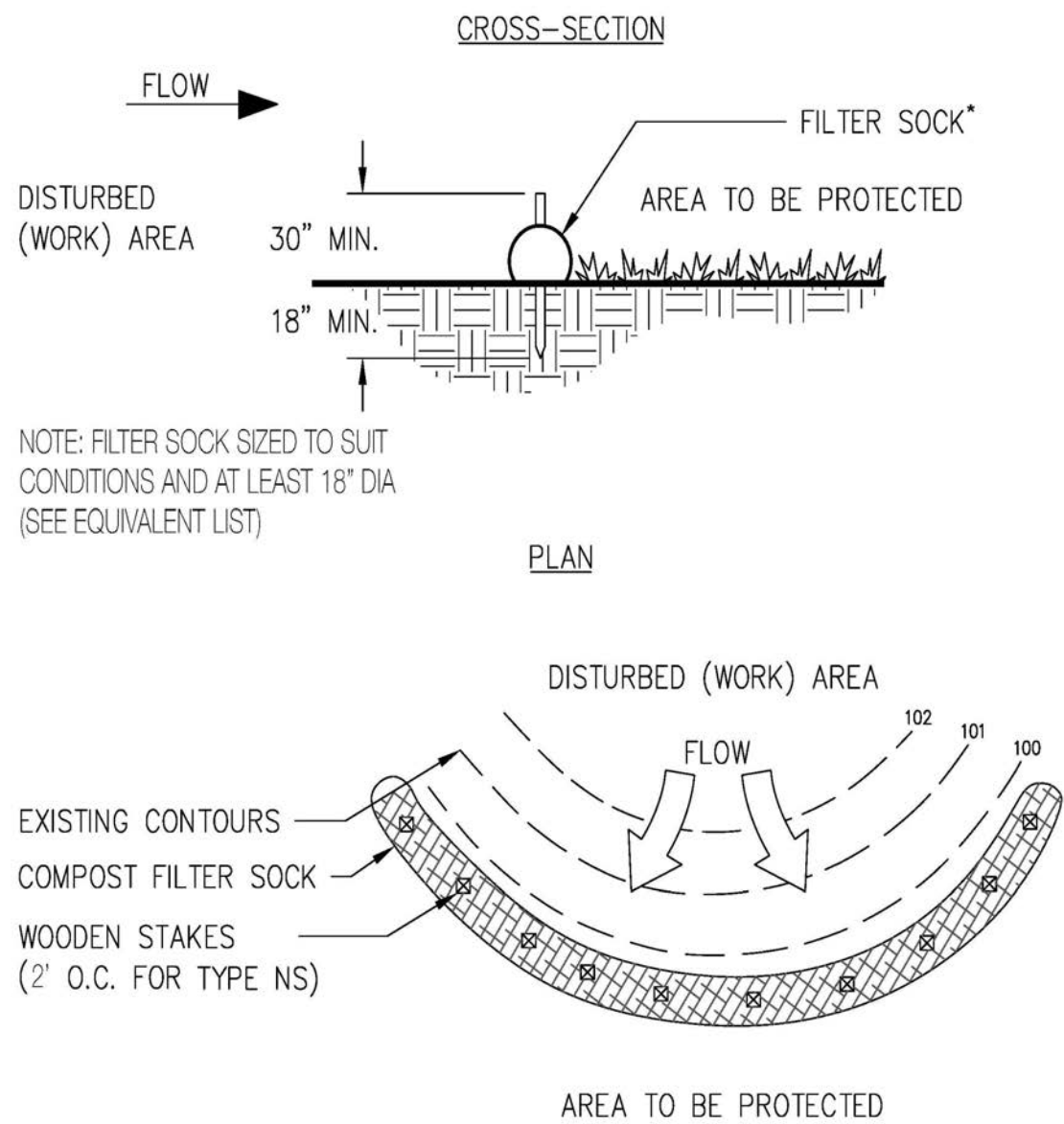
1. For areas of large remnant forest to be protected use 4 feet high orange plastic fabric fencing stapled in three locations to treated wood 2x4 stakes. Set stakes 6 feet on center. Rebar is not to be used for stakes. Figure 6-38.1
2. For single family homes use a treated wood fencing as shown on detail. It may have orange fabric attached to it.
3. For all other developments use 6 feet high

chain link fencing attached to galvanized metal post as shown on detail. Figure 6-38.2

For more information about standards for adequate tree protection, refer to guidance by the American National Standard (ANSI) or the International Society of Arboriculture.

EROSION AND SEDIMENT CONTROL

TYPE B COMPOST FILTER SOCK



*HEIGHT IS TO BE SHOWN ON THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN

Figure 6-27.3

GSWCC 2016 Edition

6-143

CURB INLET FILTER "PIGS IN BLANKET"

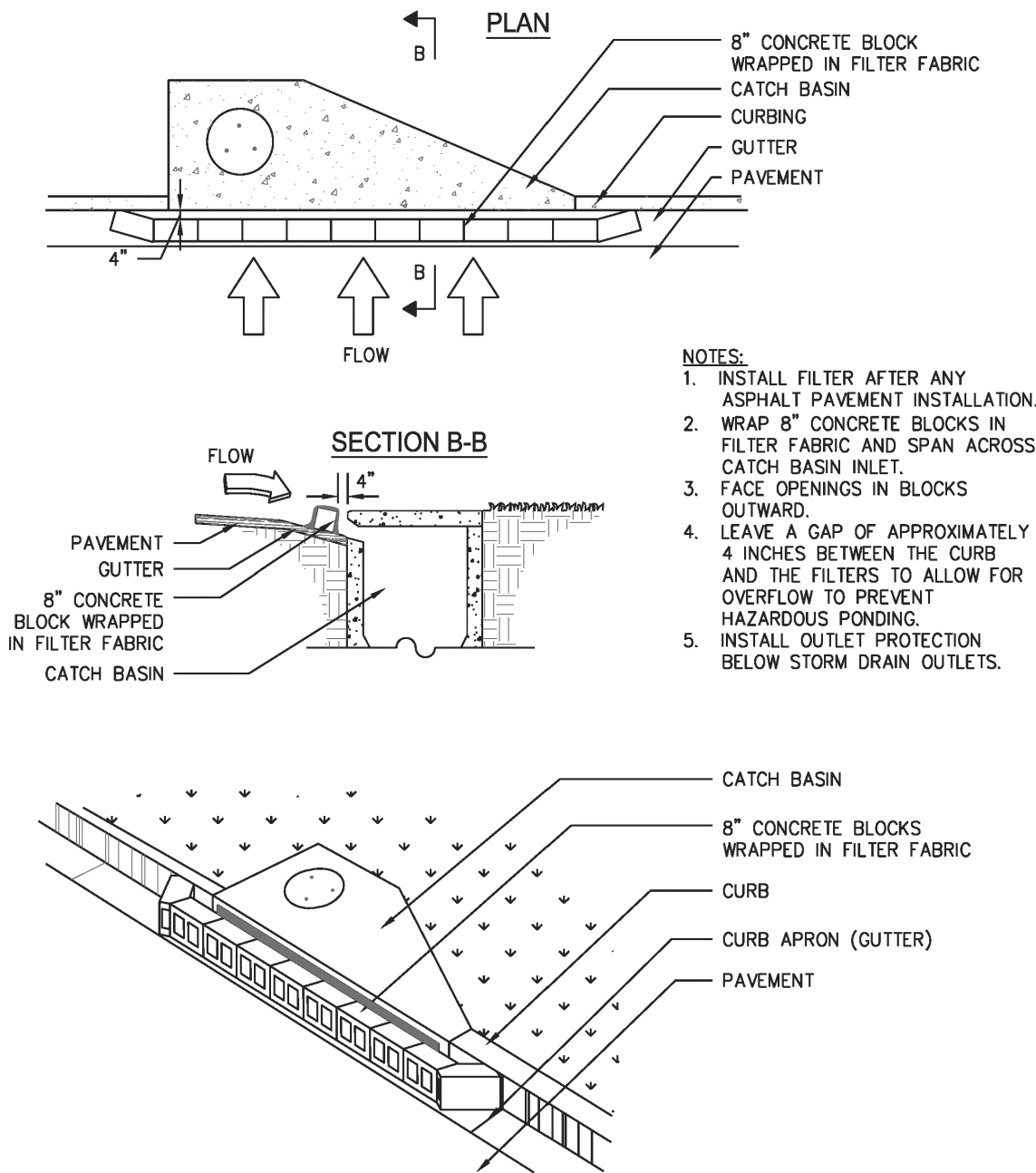


Figure 6-28.6 Curb Inlet Filter "Pigs in Blanket"

6-154

GSWCC 2016 Edition

TREE PROTECTION

"SNOW" FENCE

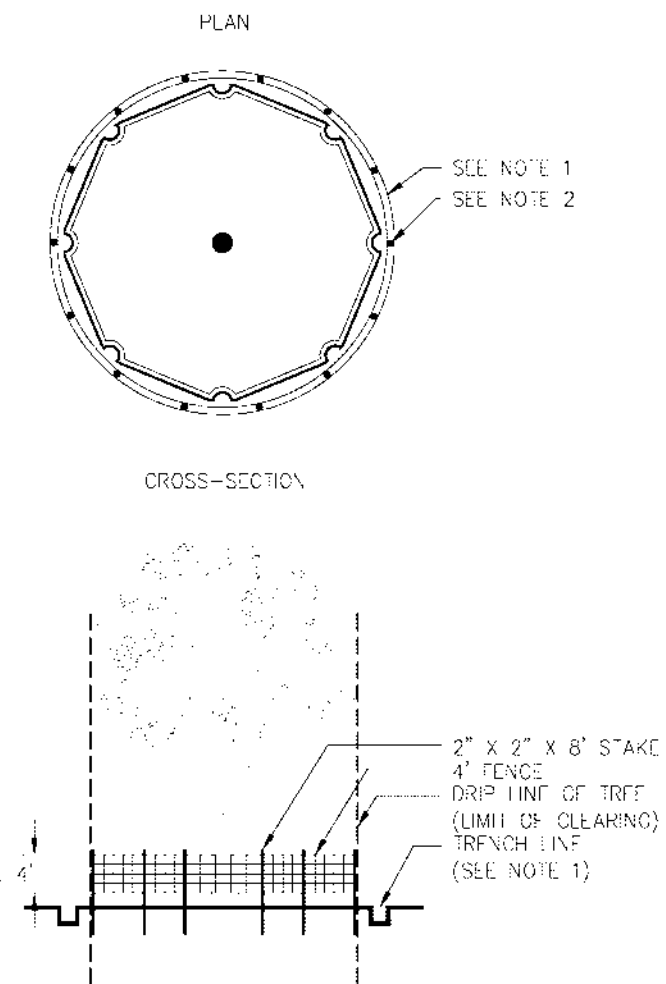


Figure 6-38.1

GSWCC 2016 Edition

6-227

TREE PROTECTION

(NOT TO SCALE)

Tr

01

56-03

SEDIMENT BARRIER
(COMPOST FILTER SOCK)

(NOT TO SCALE)

Sd1-CFS

02

56-03

INLET SEDIMENT TRAP
(PIGS IN BLANKET)

(NOT TO SCALE)

Sd2-P

03

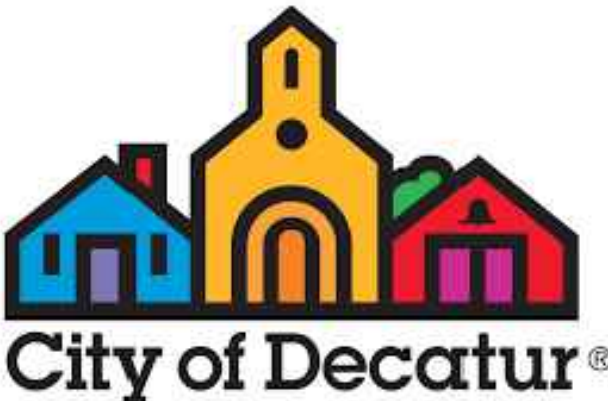
56-03

MAINTENANCE STATEMENT (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.



ATKINS
Member of the SNC-Lavalin Group

Atkins North America, Inc
1600 RiverEdge Parkway NW, Ste. 700
Atlanta, GA 30328
Tel: (770)933-0280

Certificate of Authorization #LSF000120
Certificate of Authorization #PEF000902
Expiration Date 06/30/2024



LANDSCAPE ARCHITECTURE
NOT VALID FOR CONSTRUCTION
UNLESS SIGNED IN THIS BLOCK

REVISION DATES

09/15/25 SIDEWALK REV.

CITY OF DECATUR PUBLIC WORKS

PARKWOOD TRAFFIC CALMING
ESPC DETAILS

CHECKED:	R.R.	DATE:	DRAWING NO.
BACKCHECKED:	R.R.	DATE:	
CORRECTED:	K.F.	DATE:	
VERIFIED:	R.R.	DATE:	

56-03