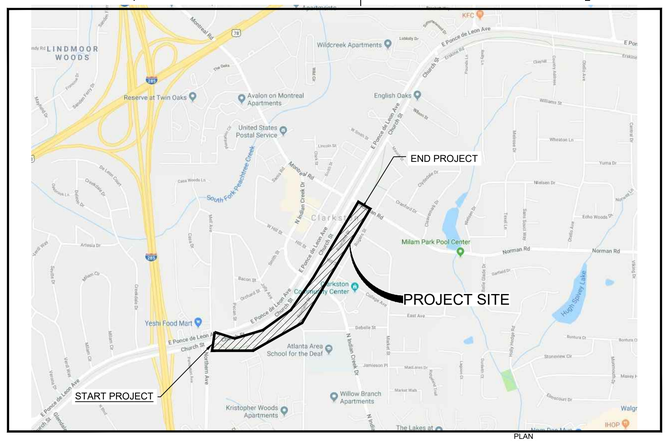
CITY OF CLARKSTON
DEKALB COUNTY , GEORGIA
CONSTRUCTION PLANS
SPLOST 4 PEDESTRIAN ENHANCEMENTS
TRAILHEAD AND ROWLAND STREET
OCTOBER 29, 2020



VICINITY MAP
SCALE: NTS

PLAN NORTH

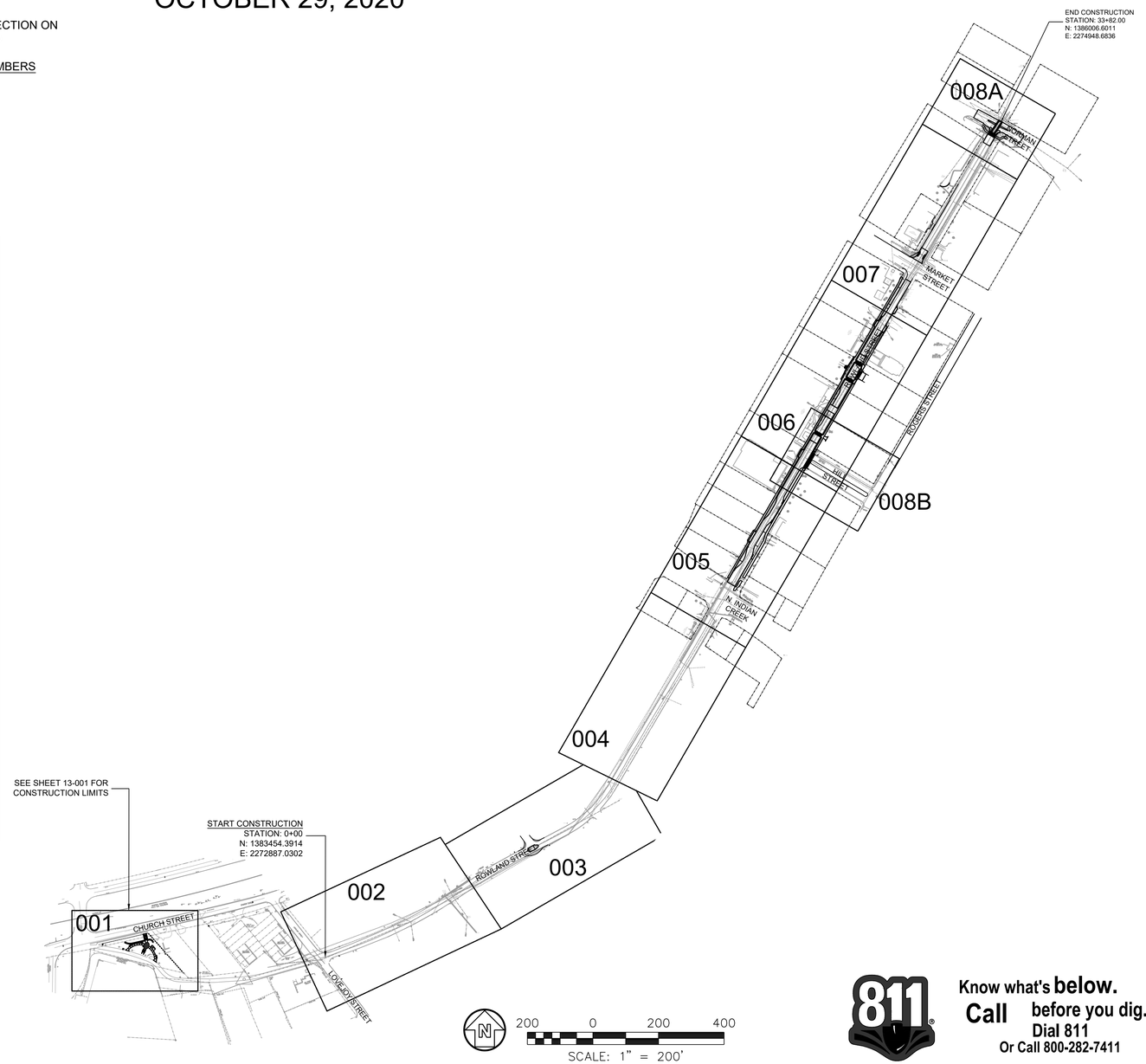
MAYOR
VACANT UNTIL ELECTION ON
NOVEMBER 3, 2020

CITY COUNCIL MEMBERS
JAMIE CARROLL
DEBRA JOHNSON
AWET EYASU
AHMED HASSAN
LAURA HOPKINS

OWNER/DEVELOPER	
24-HOUR CONTACT: LARRY KAISER, P.E. COLLABORATIVE INFRASTRUCTURE SERVICES, INC. CITY PROJECT ENGINEER 404-909-5619	OWNER: CITY OF CLARKSTON 1055 ROWLAND STREET CLARKSTON, GA 30021 ROBIN GOMEZ, CITY MANAGER
DESIGN TEAM	
PROJECT MANAGER: BRAD JONES, PLA	POND AND COMPANY 3500 PARKWAY LANE SUITE 500 PEACHTREE CORNERS, GA 30092 PHONE (678) 336-7740 FAX (678) 336-7744 WEB: WWW.PONDCO.COM

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CITY OF CLARKSTON
where possibilities grow

SEAL

	DATE	DESCRIPTION
A	05.13.2019	50% PLAN SUBMITTAL
B	11.02.2020	BID PLAN SUBMITTAL

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
PLOT DATE: 10/29/2020
FILE NAME: 01-000.dwg
SCALE: 22" x 34" 1:1
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 500
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

COVER SHEET

SHEET IDENTIFICATION NUMBER
01-000

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\01-000.DWG PLOTTED BY: THOMPSON, SYDNEY

GENERAL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH GEORGIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, GUIDELINES AND DETAILS, THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION, CURRENT CITY OF CLARKSTON REQUIREMENTS AND ANY OTHER LOCAL AND STATE STANDARDS THAT MAY APPLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL FEDERAL, STATE, OSHA AND LOCAL SAFETY REGULATIONS, LAWS, CODES OR ORDINANCES WHICH MAY APPLY.
3. IN THE DRAWINGS, USE OF THE TERMS OWNER, OWNER'S REPRESENTATIVE, ENGINEER, LANDSCAPE ARCHITECT, OR DESIGN PROFESSIONAL SHALL BE INTERPRETED TO BE COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619). REFER TO CONTRACT DOCUMENTS.
4. EXISTING CONDITIONS SHOWN ARE FROM A BOUNDARY AND TOPOGRAPHIC SURVEY FOR CITY OF CLARKSTON, PREPARED BY: WOLVERTON, INC., DATED 12/03/2018, AND AS-BUILT INFORMATION PREPARED BY POND & CO 2018.
5. THERE ARE NO KNOWN EXISTING LANDFILLS OR PROPOSED ON-SITE BURY PITS.
6. THERE IS NO FLOODPLAIN LOCATED ON-SITE.
7. THERE ARE NO KNOWN WETLANDS OR STATE WATERS LOCATED ON-SITE.
8. A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT. PROJECT AREA: 28 ACRES - DISTURBED AREA: 1.75 ACRES.
9. CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PROVIDE STORM WATER DISCHARGE MONITORING, DOCUMENTATION AND REPORTING RELATED TO CONSTRUCTION ACTIVITIES FOR THE PROJECT.
10. ALL DIMENSIONS ARE TAKEN FROM/TO FENCELINES, PROPERTY LINES, EDGE OF PAVEMENT, CENTERLINE OF UTILITY, CENTERLINE OF MANHOLE OR CATCH BASIN, CENTERLINE OF ROAD, FACE OF CURB, CENTER OF PAINT STRIPE, AND FACE OF WALL OR BUILDING UNLESS OTHERWISE NOTED.
11. REPETITIVE FEATURES ON PLANS NOT DRAWN IN THEIR ENTIRETY SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SURVEYING SERVICES REQUIRED TO LAYOUT AND BUILD THE PROJECT. THIS SHALL INCLUDE ALL HORIZONTAL AND VERTICAL STAKEOUT.
13. INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES. REFER TO SUB-SECTION 107.07 OF THE GDOT STANDARD SPECIFICATIONS.
14. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PREPARE A MAINTENANCE OF A TRAFFIC PLAN USING THE GUIDELINES FOR APPROVAL BY COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) BEFORE STARTING CONSTRUCTION. PAYMENT SHALL BE INCLUDED IN PRICE FOR TRAFFIC CONTROL LUMP SUM. APPROVAL BY THE CITY OF CLARKSTON PUBLIC WORKS DEPARTMENT AND PERMITTING WILL BE REQUIRED.
15. EXISTING TRAFFIC SIGNALS SHALL REMAIN OPERABLE AT ALL TIMES. CONTACT COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) PRIOR TO BEGINNING WORK TO DISCUSS BURIED SIGNAL EQUIPMENT. LOOP WIRES SHALL BE REPLACED IF DAMAGED.
16. CONTRACTOR SHALL INSURE THAT ACCESS TO PROPERTIES IS MAINTAINED AT ALL TIMES. IN CASES WHERE A PROPERTY HAS TWO POINTS OF ACCESS, ONE MUST REMAIN OPEN WHILE THE OTHER IS IMPROVED. IN CASES WHERE A PROPERTY HAS ONLY ONE ENTRANCE, TEMPORARY ACCESS WILL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION.
17. PRICE BID FOR TRAFFIC CONTROL-LUMP SUM SHALL INCLUDE, BUT IS NOT LIMITED TO AGGREGATE SURFACE COURSE CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNAGE AND PAVEMENT MARKINGS, BARRICADES, CHANNELIZING DEVICES, DETOUR PAVING, ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND/OR AS DIRECTED BY THE OWNER.
18. ALL SIDEWALK AND CURB CUT (WHEELCHAIR) RAMPS SHALL BE IN ACCORDANCE WITH GDOT SPECIAL DETAILS AND CITY OF CLARKSTON REQUIREMENTS. RAMPS SHALL BE CONSTRUCTED AT ALL POINTS WHERE SIDEWALK TERMINATES AT CURB OR IS BISECTED BY DRIVEWAYS, IF NECESSARY. THE EXACT TYPE OF RAMP (TERMINAL OR ON CURB RADIUS) MAY BE MODIFIED AS DIRECTED BY COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619).
19. THE TOTAL AREA SHOWN ON THE PLANS FOR GRASSING ON EROSION CONTROL AND LANDSCAPE PLANS ARE FOR INFORMATION ONLY. THE CITY OF CLARKSTON ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY. THE CONTRACTOR SHALL BID ON GRASSING, BY UNIT COST, AND IT SHALL BE HIS RESPONSIBILITY TO DETERMINE THE ACTUAL AREA TO BE GRASSED, AS ALL DISTURBED AREAS MUST BE PERMANENTLY VEGETATED. NO CLAIMS WILL BE CONSIDERED FOR EXTRA COMPENSATION IF THE CONTRACTOR RELIES ON THE AREA SHOWN ON THE PLANS.
20. ALL CUT AND FILL SLOPES SHALL BE GRASSED AS DIRECTED BY COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) IMMEDIATELY AFTER THE SLOPES ARE ESTABLISHED IN ORDER TO REDUCE EROSION. IF THE SEASON DOES NOT PERMIT GRASSING, STRAW MULCH STABILIZATION SHALL BE USED AS DIRECTED BY COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619). REFER TO SECTION 161 OF THE STANDARD SPECIFICATIONS.
21. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH DEMOLITION, CLEARING OR OTHER 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 COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619).
22. CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROL MEASURES DAILY AND DURING PROLONGED PERIODS OF CONTINUOUS RAINFALL EVENTS TO ENSURE THAT ALL CONTROLS ARE FUNCTIONING PROPERLY. DAMAGED CONTROLS SHALL BE REPLACED BY THE END OF THE WORKDAY.
23. CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL REQUIRED SEDIMENT AND EROSION CONTROL MEASURES AS SHOWN ON THE DRAWINGS, DURING ALL PHASES OF CONSTRUCTION.
24. ALL SILT FENCES MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT FENCE INSTALLATION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SILT FENCES AND TO REPAIR OR REPLACE ANY SILT FENCE THAT IS NOT SATISFACTORY. ALL EROSION CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE PLANS AND AS DIRECTED BY COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619).
25. ALL GRANITE CURB INSTALLATION SHALL INCLUDE A MIN. 6" THICK CLASS B CONCRETE FOOTING THE ENTIRE LENGTH OF CURB.
26. ALL PAVEMENT GAPS AFTER CURB INSTALLATION SHALL BE FILLED WITH ASPHALT PATCHING PRIOR TO RESURFACING.
27. LANDSCAPE WARRANTY SHALL BE FOR ONE YEAR. WARRANTY TO BEGIN ON THE DATE THAT THE CITY APPROVED THE PROJECT PUNCH LIST.

GENERAL SITE DEMOLITION NOTES:

1. "DEMOLISH" SHALL MEAN TO REMOVE AN OBJECT IN ITS ENTIRETY. RESTORE GRADES AND SURFACE IMPROVEMENTS TO MATCH EXISTING CONDITIONS OR PER REQUIREMENTS OF NEW WORK, WHICHEVER IS APPLICABLE. CONTRACTOR SHALL SAWCUT TO FULL PAVEMENT, SIDEWALK AND CURB AND GUTTER DEPTH AT THE LIMIT OF DEMOLITION FOR REMOVAL OF PAVEMENT, SIDEWALK AND CURB AND GUTTER.
2. THE CONTRACTOR SHALL SUBMIT A DETAILED DEMOLITION SCHEDULE AND LOGISTICS PROCEDURE TO COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) FOR APPROVAL AT LEAST 10 DAYS BEFORE DEMOLITION IS TO BEGIN. THE DEMOLITION PROCEDURE SHALL INCLUDE A DETAILED DESCRIPTION OF THE METHODS AND EQUIPMENT TO BE USED FOR EACH OPERATION AND THE SEQUENCE OF WORK. THE DEMOLITION PROCEDURES SHALL PROVIDE FOR SAFE CONDUCT OF WORK AND THE PROTECTION OF PROPERTY WHICH IS TO REMAIN UNDISTURBED AND COORDINATION WITH OTHER WORK OR OPERATIONS THAT MAY BE IN PROGRESS. METHODS AND SCHEDULING OF DEMOLITION ACTIVITIES MUST BE APPROVED BY COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) AND COORDINATED WITH THE CONTRACTOR'S SCHEDULE AND ASSOCIATED EROSION AND SEDIMENTATION CONTROL PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXISITNG SERVICE CONNECTIONS TO BE REMOVED FROM BUILDINGS OR THE SITE, IF PRESENT, AND PERMANENTLY PLUGGING PIPES WHERE REQUIRED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANIES CONCERNED.
4. ALL EXISTING PIPE TO BE ABANDONED SHALL BE CUT AND PLUGGED OR CAPPED AT EACH END. WHERE EXISTING PIPING INTERFERES WITH NEW PIPING OR CONSTRUCTION, IT SHALL BE REMOVED BEYOND THE LIMITS REQUIRED FOR THE PROPER COMPLETION OF THE WORK AND THE OPEN ENDS PLUGGED OR CAPPED. UNLESS OTHERWISE SHOWN, LINES SHALL BE PLUGGED OR CAPPED AT LEAST 12-INCHES BEHIND OR BELOW FINISH BUILDING SURFACES AND AT LEAST 12 INCHES BELOW PROPOSED GRADE SURFACES.
5. CONTRACTOR SHALL ESTABLISH SURVEY CONTROL NETWORK OUTSIDE LIMITS OF DEMOLITION PRIOR TO COMMENCEMENT OF WORK. THIS WORK MUST BE PERFORMED BY A GEORGIA LICENSED LAND SURVEYOR.
6. CONTACTOR SHALL MINIMIZE THE IMPACT OF CONSTRUCTION ACTIVITIES ON THE TRAFFIC FLOW TO SURROUNDING FACILITIES TO REMAIN.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO OTHER BUILDING OR STRUCTURE NOT INTENDED FOR DEMOLITION. THE CONTRACTOR SHALL RESTORE ANY DAMAGED FACILITY TO THEIR CONDITION PRIOR TO THE ERRANT DEMOLITION OPERATIONS
8. NO DEBRIS FROM SITE DEMOLITION SHALL BE BURIED ON SITE. ALL MATERIAL GENERATED FROM DEMOLITION OPERATION SHALL BE PROPERLY DISPOSED OF OFFSITE.

GRADING NOTES:

1. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL PROPERLY OFF-SITE.
2. CONTRACTOR SHALL VERIFY PROJECT LIMITS PRIOR TO COMMENCING WORK. THE CONTRACTOR AND SUBCONTRACTORS SHALL VISIT THE SITE PRIOR TO SUBMITTING BIDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING AND MAINTAINING A BENCHMARK FOR THE PROJECT, AND FOR ANY REQUIRED ELEVATION TRANSLATION. REFER TO SURVEY DRAWINGS FOR ANY DATUM AND BENCHMARK DATA, IF ANY.
4. ANY AND ALL DAMAGE TO EXISTING PLANT MATERIAL OR HARDSCAPE ELEMENTS THAT ARE TO REMAIN, I.E. CURBS, ROADS, WALLS FENCES, TREES, SHRUBS, ETC. SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY AND PERMANENT GROUNDWATER CONTROL DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO CONTROL SURFACE RUNOFF IN ORDER TO PREVENT PONDING IN OPEN EXCAVATIONS AND PREVENT POTENTIAL UNDERMINING OF PERMANENT CONSTRUCTION FEATURES.
6. CONTRACTOR SHALL NOT WORK FILL MATERIALS DURING UNFAVORABLE WEATHER CONDITIONS. CONTRACTOR SHALL NOT PERMIT EQUIPMENT TO BE USED IN SUCH A MANNER AS TO CAUSE EQUIPMENT TO EXCESSIVELY PUMP OR RUT THE SUBGRADE OR OTHER PREPARED AREAS.
7. CONTRACTOR SHALL STRIP ALL TOPSOIL AND ORGANIC MATTER FROM AREAS TO BE MASS GRADED, UNLESS OTHERWISE INDICATED.
8. CONTRACTOR SHALL GRADE IN A MANNER TO ESTABLISH LONG SMOOTH GRADIENTS IN ORDER TO REDUCE ABRUPT CHANGES, DIPS AND SHARP TRANSITIONS IN THE FINISHED GRADE.
9. CONTRACTOR SHALL GRADE ALL DISTURBED AREAS TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND TOWARD DRAINAGE STRUCTURES OR DITCHES. NATURAL FLOW OF SURROUNDING WATERS SHALL NOT BE DISTURBED DURING CONSTRUCTION, UNLESS SHOWN OTHERWISE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE POSITIVE DRAINAGE ON ALL GRADED SURFACE AREAS. THE CONTRACTOR SHALL MAINTAIN A MINIMUM SLOPE OF 1% ON HARDSCAPE AND MINIMUM SLOPE OF 2% ON GRADED AREAS, UNLESS OTHERWISE INDICATED.
11. THE MAXIMUM CUT OR FILL SLOPES ARE 3 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE INDICATED.
12. FILL MATERIALS SUPPORTING ROADWAYS, PARKING AREAS, SIDEWALKS, STRUCTURES, BUILDINGS AND WALLS SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY. THE TOP 12-INCHES OF FILL MATERIALS SUPPORTING ROADWAYS, PARKING AREAS, SIDEWALKS, STRUCTURES, BUILDINGS AND WALLS SHALL BE COMPACTED TO 98 PERCENT OF THE MAXIMUM DRY DENSITY. FILL PLACED FOR GENERAL SITE GRADING SHALL BE COMPACTED TO 90 PERCENT OF THE MAXIMUM DRY DENSITY.
13. REFER TO GDOT SPECIFICATIONS FOR FILL MATERIAL REQUIREMENTS.
14. SOIL AND MATERIAL TESTING WILL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY SELECTED AND PAID FOR BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LAB AND SCHEDULING TESTS. TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH ACCEPTABLE STANDARDS INCLUDING ASTM, GDOT OR OTHERS RECOGNIZED IN THE INDUSTRY.
15. ALL AREAS WHERE ROADS, SIDEWALKS, WALLS AND/OR OTHER STRUCTURES ARE TO BE CONSTRUCTED, SHALL BE TESTED PRIOR THE PLACEMENT OF CONCRETE, ASPHALT, GRADED AGGREGATE BASE OR FILL MATERIALS.
16. SEE LANDSCAPE OR TREE PROTECTION DRAWINGS FOR TREE PROTECTION REQUIREMENTS.
17. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE AND LEGALLY DISPOSE OF IT. NO RUBBISH OR DEBRIS SHALL BE BURNED OR BURIED ON THE SITE.
18. NOTE THAT ALL MANHOLES, VALVES, ETC. WITHIN ROADWAY SHALL BE FLUSH WITH THE PAVEMENT AND ENCASED IN COLLARS PER DEKALB WATERSHED SPECIFICATIONS. CONCRETE TO HAVE STAINED WITH BLACK DYE OR OTHER DURABLE CONCRETE PAINT. COST TO BE INCLUDED IN THE BID SUBMITTED.

UTILITY NOTES:

1. THE LOCATION OF ALL EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLAN OR LOCATED BY THE UTILITY COMPANY. ANY DAMAGE INCURRED TO ANY EXISTING UTILITY ELEMENTS SHALL BE REPAIRED PROPERLY AND IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.
2. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) IMMEDIATELY.
3. CONTRACTOR WILL REPAIR ANY DAMAGE DONE BY CONSTRUCTION ACTIVITIES TO EXISTING UTILITIES AT NO ADDITIONAL COST TO THE OWNER.
4. ANY FEES ASSOCIATED WITH UTILITY RELOCATIONS SHALL BE BORNE BY THE CONTRACTOR IN ACCORDANCE WITH RESPECTIVE UTILITY COMPANY STANDARDS.
5. THE CONTRACTOR SHALL COORDINATE DISCONNECTION OF EXISTING UTILITIES WITH THE APPROPRIATE UTILITY PROVIDER.
6. CONTRACTOR TO ENSURE ALL EXISTING TOPS OF MANHOLES AND VALVE BOXES ARE RAISED OR LOWERED TO BE FLUSH WITH FINISHED GRADES, UNLESS NOTED OTHERWISE.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS AND/OR EASEMENTS ARE OBTAINED AND IN HAND BEFORE BEGINNING ANY DEMOLITON OR CONSTRUCTION. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. ANY PENALTIES, STOP WORK ORDERS OR ADDITIONAL WORK RESULTING FROM THE CONTRACTOR BEING IN VIOLATION OF THE REQUIREMENTS ABOVE, SHALL BE FULLY BORNE BY THE CONTRACTOR.
8. CONTRACTOR SHALL FURNISH AND MAINTAIN ANY AND ALL NECESSARY BARRICADES AROUND THE WORK AND PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
9. CONTRACTOR TO MOVE ALL CONSTRUCTION DEBRIS OFF THE PROPERTY AND DISPOSE DEBRIS AT A LEGAL, PERMITTED LANDFILL CONSISTENT WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
10. CONTRACTOR WILL NOTIFY ALL AFFECTED UTILITIES AND COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION NEAR EXISTING UTILITIES.

UTILITY PROVIDERS:

ATLANTA GAS LIGHT	GAS	404-922-3797	CARLOS JAMES	10 PEACHTREE PLACE NE, ATLANTA, GA 30309
AT&T TELECOMMUNCATIONS	TELECOMMUNICATIONS	BS0368@ATT.COM	BILL SZYMANSKI	575 MOROSGO DRIVE, ATLANTA, GA 30324
COMCAST	CABLE	ANSLEY_JOHNSON@COMCAST.NET	ANSLEY JOHNSON	1038 WEST PEACHTREE STREET, ATLANTA, GA 30309
DEKALB COUNTY DEPT OF WATERSHED MGMT	WATER ANS SEWER	404-731-3562	BARON SAUSSY	4572 MEMORIAL DRIVE, DECATUR, GA 30032
GEORGIA POWER	POWER	ATSTODD@SOUTHERNCO.COM 912-602-2148	ASHLEY STODDARD	3825 ROGERS BRIDGE ROAD, BIN 78641, DULUTH, GA 30097
VERIZON	TELECOMMUNICATIONS	800-624-9675	MCI NATIONAL FIBER SECURITY DEPARTMENT	5055 NORTH POINT PARKWAY, ALPHARETTA, GA 30022

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO AND FROM THE SITE AT ALL TIMES. UTILITY SERVICES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE ANY TEMPORARY INTERUPTION OF ACCESS OR UTILITIES WITH COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) PRIOR TO THE INTERUPTION.
2. CONTRACTOR IS RESPONSIBLE FOR SECURING OR OBTAINING LAYDOWN AREAS, TEMPORARY OFFICES, REQUIRED TEMPORARY ELECTRICAL SERVICE AND PROVIDING WATER AS REQUIRED FOR CONSTRUCTION AND LANDSCAPE MAINTENANCE UNTIL SUCH TIME THE OWNER ACCEPTS THE PROJECT AS COMPLETE AND IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
3. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS ASSOCIATED WITH DEWATERING.
4. CONTRACTOR SHALL COORDINATE AND GIVE PROPER NOTIFICATIONS TO ALL INSPECTION AGENCIES PRIOR TO START OF THE CONSTRUCTION.
5. CONTRACTOR TO PROVIDE BARRIERS AS REQUIRED TO PREVENT PUBLIC ENTRY TO CONSTRUCTION AREAS AND PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM CONSTRUCTION ACTIVITIES. THE REQUIRED BARRIERS AND DEVICES SHALL BE ERECTED PRIOR TO COMMENCEMENT OF THE WORK.
6. ALL NEW PAVEMENT AND SIDEWALKS SHALL BE CONSTRUCTED FLUSH WITH EXISTING, WITH NO PONDING OF STORMWATER, UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS AND VERIFY ALL EXISTING CONDITIONS, COORDINATES, AND DIMENSIONAL INFORMATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BRING ALL DISCREPANCIES TO THE ATTENTION OF COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) PRIOR TO STARTING CONSTRUCTION.
8. CONTRACTOR SHALL STOP WORK IN AN AREA WHEN IT IS OBSERVED THAT THE EXISTING SITE CONDITIONS IN THAT AREA DIFFER FROM THOSE PRESENTED IN THE DRAWINGS. SUCH CIRCUMSTANCES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619). THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR DAMAGES RESULTING FROM THE FAILURE TO COMPLY WITH THIS REQUIREMENT. THE CONTRACTOR SHALL BRING ANY DISCREPANCIES IN PLAN, SITE CONDITIONS AND PRIOR WORK TO THE OWNER'S ATTENTION BEFORE ANY ADDITIONAL WORK IS PERFORMED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWINGS SHOWING "AS-BUILT" CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO COLLABORATIVE INFRASTRUCTURE SERVICES, INC. (404-909-5619) UPON REQUEST. THE MARK-UPS SHALL BE AT THE SITE AT ALL TIMES AND SHALL BE UTILIZED TO DEVELOP FINAL RECORD DRAWINGS. THE COST OF THE AS-BUILT DRAWINGS SHALL BE INCLUDED IN THE SUBMITTED BID.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST AND COORDINATION OF ALL MATERIAL TESTING. TESTING PER GDOT FREQUENCY FOR CONCRETE, BASE, ASPHALT, AND SOIL.

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ | DRWN BY: SPT | CKD BY: MAW | SUBMITTED BY:
DATE: - | SOLICITATION NO.: - | CONTRACT NO.: - | FILE NUMBER: -
FILE NAME: 01-000.dwg | PLOT SCALE: 1:1 | PLOT DATE: 10/29/2020
SIZE: 22" x 34"

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 | Suite 1575
Phone 678.338.7740
Fax 678.336.7744

POND PROJECT No.1180426

ROWLAND STREET ROAD
DIET AND TRAILHEAD DESIGN

GENERAL NOTES

SHEET IDENTIFICATION NUMBER
04-001

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\01-000.DWG PLOTTED BY: THOMPSON, SYDNEY

ABBREVIATIONS

@	AT
&	AND
Ø	DIAMETER
AC	ACRES
ADS	ADVANCED DRAINAGE SYSTEMS
A.K.A.	ALSO KNOWN AS
APPROX.	APPROXIMATE
ASTM	AMERICAN SOCIETY FOR TESTING OF MATERIALS
ATFP	ANTI-TERRORISM/FORCE PROTECTION
AWWA	AMERICAN WATER WORKS ASSOCIATION
BLDG.	BUILDING
BC	BACK OF CURB
BFP	BACKFLOW PREVENTER
BMP	BEST MANAGEMENT PRACTICE
BOW	BOTTOM OF WALL AT FINISHED GRADE
B.S.	BOTTOM OF STAIR (LAST TREAD)
BSTP	TELEPHONE PEDESTAL
BVCE	BEGINNING VERTICAL CURVE ELEVATION
BVCS	BEGINNING VERTICAL CURVE STATION
CL	CENTERLINE
CB	CATCH BASIN
C&G	CURB AND GUTTER
C.O.	CLEAN OUT
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
C.I.	CAST IRON
CJ	CONTRACTION JOINT
CONC.	CONCRETE
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED PLASTIC PIPE
CY	CUBIC YARDS
DI	DROP INLET
DIA.	DIAMETER
D.I.	DROP INLET
DIP	DUCTILE IRON PIPE
DOT	DEPARTMENT OF TRANSPORTATION
DWG	DRAWING
E	EASTING
EISA	ENERGY INDEPENDENCE SECURITY ACT
EJ	EXPANSION JOINT
ELEV.	ELEVATION
EOI	END OF INFORMATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
ESMT	EASEMENT
EVCE	ENDING VERTICAL CURVE ELEVATION
EVCS	ENDING VERTICAL CURVE STATION
EW	EACH WAY
EX	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FKA	FORMERLY KNOWN AS
FOM	FIBER OPTICS MARKER
FT.	FEET
G	GAS
G.A.B.	GRADED AGGREGATE BASE
GAL	GALLON
GP	GUARD POST
GV	GATE VALVE
HDPE	HIGH-DENSITY POLYETHYLENE
HP	HIGH POINT / DRAINAGE DIVIDE
HW	HEADWALL
HYD	HYDRANT
ICV	IRRIGATION CONTROL VALVE
I.E.	INVERT ELEVATION
IPF	IRON PIN FOUND
INV.	INVERT
IPS	IRON PIN SET
IN.	INCH
JB	JUNCTION BOX
L	LENGTH
LEV	LOW EMISSION VEHICLE
LF	LINEAR FEET
LP	LOW POINT
LVC	LENGTH OF VERTICAL CURVE
M	METER
MAX.	MAXIMUM
M.E.	MATCH ELEVATION
MECH	MECHANICAL
MH	MANHOLE
MIN.	MINIMUM
MNS	MAGNETIC NAIL SET
MON	MONUMENT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NCBC	NORTH CAROLINA BUILDING CODE

ABBREVIATIONS

N	NORTHING
N/A	NOT APPLICABLE
N/F	NOW OR FORMERLY
NIC	NOT IN CONTRACT
NSA	NATIONAL STONE ASSOCIATION
O.C.	ON CENTER
PCC	PORTLAND CEMENT CONCRETE
PIV	POST INDICATOR VALVE
POB	POINT OF BEGINNING
POV	PRIVATELY OWNED VEHICLE
PP	POWER POLE
PRVT	PRIVATE
PROP	PROPOSED
PSI	POUND PER SQUARE INCH
PSUS	PALMETTO STATE UTILITY SERVICES
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	UNDERGROUND ROOF DRAIN
RECP	ROLLED EROSION CONTROL PRODUCT
R/W	RIGHT-OF-WAY
S	SOUTH
SD	STORM DRAIN
SDWK	SIDEWALK
SF	SQUARE FEET
SN	SIGN
S.R.	STATE ROUTE
SS	SANITARY SEWER
SSMH	SANITARY MANHOLE
STA.	STATION
STD	STANDARD
STRUC.	STRUCTURE
TBM	TOPOGRAPHY BENCH MARK
TEMP.	TEMPORARY
TOS	TOP OF SLAB
T.S.	TOP OF STAIR (LAST TREAD)
TYP	TYPICAL
TOW	TOP OF WALL
UDP	UNIFIED DEVELOPMENT PLAN
VCP	VITRIFIED CLAY PIPE
W/	WITH
WM	WATER METER
WOS	WATERS OF THE STATE
WV	WATER VALVE
B&B	BALLED AND BURLAPPED
CAL	CALIPER

SYMBOLS LEGEND

EXISTING	NEW	DESCRIPTION
N/A		DEMOLISH AND REMOVE EXISTING ASPHALT AND CONCRETE PAVEMENT
N/A		DEMOLISH SITE UTILITY
N/A	X	DEMOLISH SITE FEATURE
N/A		LIMITS OF DISTURBANCE
3	33	1' CONTOUR
5	35	5' CONTOUR
		DOUBLE WING CATCH BASIN
N/A	DI	DROP INLET
N/A		FLARED END SECTION
N/A	GI	GRATE INLET
N/A	JB	JUNCTION BOX
		STORM DRAIN PIPE
N/A		UNDERGROUND ROOF DRAIN PIPE
N/A		SURFACE FLOW DIRECTION
× ELEV	ELEV	SPOT ELEVATION
N/A		DRAINAGE SWALE
N/A		RIP RAP
SS	SS	SANITARY SEWER LINE - GRAVITY
Ⓢ	Ⓢ	SANITARY SEWER MANHOLE
◎	CO	SANITARY SEWER CLEANOUT
W	F	WATER MAIN - FIRE PROTECTION
W	W	WATER MAIN - DOMESTIC
	M	WATER METER
N/A		POST INDICATOR VALVE
	⊗	WATER VALVE
N/A		FIRE DEPARTMENT CONNECTION
		FIRE HYDRANT
N/A		REDUCER
N/A	G	GAS LINE
GV	N/A	GAS VALVE
~	N/A	OVERHEAD ELECTRIC
UE	E	UNDERGROUND ELECTRIC
UC	N/A	UNDERGROUND COMMUNICATION
	N/A	COMMUNICATION MANHOLE
FO	N/A	UNDERGROUND FIBER OPTIC
		TRANSFORMER
N/A	#	NUMBER OF PARKING SPACES
	N/A	POWER POLE
	N/A	LIGHT POLE
		CHAINLINK FENCE
18"P	N/A	TREE
N/A	SF	SILT FENCE
N/A	TPF	TREE PROTECTION FENCE
		SIGN
N/A		HEADWALL
N/A		JUNCTION BOX
	N/A	MONITORING WELL
MB	N/A	MAIL BOX
N/A	UD	UNDER DRAINS
× 1004.1	999.8 x	SPOT ELEVATION
		PROPERTY LINE

811 Know what's **below.** **Call** before you dig. Dial 811 Or Call 800-282-7411

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
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B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
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PLOT SCALE: 1:1
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CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 450
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11804.26

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

LEGEND & ABBREVIATIONS

SHEET IDENTIFICATION NUMBER
04-002

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\01-000.DWG PLOTTED BY: THOMPSON, SYDNEY

City of Clarkston; DeKalb County
SPLOST 4C - ROWLAND STREET ROAD DIET/SHARED STREET

ITEM CODE	ITEM DESCRIPTION	QTY	UM	UNIT PRICE	COST
150-1000	TRAFFIC CONTROL	1	LS		
151-1000	MOBILIZATION	1	LS		
210-0100	GRADING COMPLETE	1	LS		
	EROSION CONTROL	1	LS		
222-2001	AGGREGATE DRAINAGE COURSE, TP 1	45	CY		
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 660 LB/SY - 6" shared area	215	TN		
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 220 LB/SY - Street repaving	252	TN		
432-0210	MILL ASPH CONC PVMT, 2 1/2 IN DEPTH	1833	SY		
437-1300	STRAIGHT GRANITE CURB, 5 IN X 16 IN, TP A	2780	LF		
437-1301	STRAIGHT GRANITE CURB, 5 IN X 16 IN, TP A - WIER NOTCH	40	LF		
441-0006	CONC SLOPE PAV, 6 IN - BIOSWALE APRONS	23	SY		
441-0018	DRIVEWAY CONCRETE, 8 IN TK	140	SY		
441-0104	CONC SIDEWALK, 4 IN	1538	SY		
441-0740	CONCRETE MEDIAN, 4 IN	50	SY		
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	248	LF		
441-5025	CONCRETE HEADER CURB, 4 IN, TP 9	404	LF		
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	33	LF		
500-9999	CLASS B CONC, BASE OR PVMT WIDENING - PAVER CROSSWALK BASE	8	CY		
500-9999	CLASS B CONC, BASE OR PVMT WIDENING - GRANITE CURB BASE	68	CY		
515-2015	GALV STEEL PIPE HANDRAIL	13	LF		
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10 (HDPE)	572	LF		
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10 (RCP)	91	LF		
607-4100	STONE SEAT WALL	172	SF		
610-0001	TREE REMOVAL - OVER 12" DBH	3	EA		
610-0002	TREE REMOVAL - UNDER 12" DBH	6	EA		
610-0400	REM CONC HDR CURB ALL SIZES	229	LF		
610-0401	REMOVE AND SALVAGE GRANITE CURB - SURRENDER TO CITY	2553	LF		
610-2815	REM CONC SIDEWALK	47	SY		
611-8050	ADJUST MANHOLE TO GRADE	3	EA		
611-8055	ADJUST MINOR STRUCTURE TO GRADE (CLEANOUTS)	2	EA		
611-8120	ADJUST WATER METER BOX TO GRADE	8	EA		
611-8140	ADJUST WATER VALVE BOX TO GRADE	5	EA		
636-1041	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	58	SF		
636-2070	GALV STEEL POSTS, TP 7	100	LF		

652-9000	TRAFFIC STRIPE, GREEN	44	SY		
653-0105	PAVEMENT MARKING, BIKE SHARED LANE SYMBOL	3	EA		
653-0250	THERMOPLASTIC PVMT MARKING, WORD, TP 5	2	EA		
653-0299	THERMOPLASTIC PVMT MARKING, WORD, CUSTOM, 25 SF EA	2	EA		
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	4690	LF		
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW - Norman Rd	321	lf		
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	27	LF		
653-1706	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, YELLOW	81	lf		
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	1031	lf		
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE - speed table triangles	2	SY		
668-7018	DRAIN INLET, 18 IN (NYLOPLAST INLET WITH GRATE)	2	ea		
668-7019	DRAIN INLET, 18 IN (NYLOPLAST INLET WITH GRATE)	6	ea		
700-9300	SOD	1885	SY		
702-0058	ASCLEPIAS TUBEROSA 'HELLO YELLOW'	336	EA		
702-0117	CAREX EBURNEA	76	EA		
702-0140	CERCIS CANADENSIS	7	EA		
702-0269	FESTUCA GLAUCA	99	EA		
702-0479	ITEA VIRGINICA	60	EA		
702-0487	JUNCUS EFFUSUS	70	EA		
702-0542	LAGERSTROEMIA X `BILOXI`	2	EA		
702-0678	MUHLENBERGIA CAPILLARIS	13	EA		
702-0679	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	146	EA		
702-0700	NYSSA SYLVATICA	11	EA		
900-0037	CONCRETE PAVERS - MEDIAN ISLANDS	249	SF		
900-0038	CONCRETE PAVERS - CROSSWALK	638	SF		
900-0526	BOLLARDS	4	ea		
900-0527	REMOVABLE BOLLARDS	2	ea		
900-0528	GRANITE BOLLARDS WITH CHAIN	8	ea		
900-0529	GRANITE BOLLARDS	4	ea		
702-9025	LANDSCAPE MULCH	500	SY		
708-1000	PLANT TOPSOIL - BIORETENTION SOIL	130	CY		
	CONCRETE STAIRS	46	LF		
	CHASMANTHIUM LATIFOLIUM	480	EA		
	LANDSCAPE BOULDERS	10	TN		

	HILL STREET				
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 220 LB/SY - Hill Street Repaving	72	TN		
432-0210	MILL ASPH CONC PVMT, 2 1/2 IN DEPTH	1833	SY		
437-1300	STRAIGHT GRANITE CURB, 5 IN X 16 IN, TP A	352	LF		
437-2600	CIRCULAR GRANITE CURB, 5 IN X 16 IN, TP A	34	LF		
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	776	LF		
700-9300	SOD	221	SY		
702-0855	QUERCUS ALBA	6	EA		
	ADDITIONAL ITEMS IF ORDERED BY THE ENGINEER				
	REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH SUITABLE EARTH MATERIAL	50	CY		
	REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH GRADED AGGREGATE BASE	50	CY		
310-1101	GR AGGR BASE CRS, INCL MATL	10	TN		

City of Clarkston; DeKalb County
SPLOST 4B - PATH TRAILHEAD IMPROVEMENTS

ITEM CODE	ITEM DESCRIPTION	QTY	UM	UNIT PRICE	COST
151-1000	MOBILIZATION	1	LS		
210-0100	GRADING COMPLETE	1	LS		
310-5040	GR AGGR BASE CRS, 4 INCH, INCL MATL	141	SY		
441-0104	CONC SIDEWALK, 4 IN	110	SY		
515-2015	GALV STEEL PIPE HANDRAIL	30	LF		
550-1080	STORM DRAIN PIPE, 8 IN, H 1-10 HDPE	56	LF		
607-4100	STONE SEAT WALL	270	SF		
610-2815	REM CONC SIDEWALK	32	SY		
643-8200	BARRIER FENCE (ORANGE), 4 FT TREE PROTECTION FENCE	247	LF		
643-8210	WOOD PRIVACY FENCE (6' HT.)	168	LF		
643-8300	ORNAMENTAL FENCE (3' HT.)	126	LF		
668-7008	DRAIN INLET, 8 IN WITH BEEHIVE GRATE	1	EA		
700-9300	ZOYSIA JAPONICA `EMERALD`	505	SY		
702-0063	AZALEA ENCORE `AUTUMN TWIST` TM	19	EA		
702-0106	CALLICARPA AMERICANA	8	EA		
702-0118	CAREX EBURNEA	12	EA		
702-0140	CERCIS CANADENSIS `APPALACHIAN RED`	2	EA		
702-0180	CORNUS FLORIDA `CHEROKEE PRINCESS`	3	EA		
702-0269	FESTUCA GLAUCA `BEYOND BLUE`	15	EA		
702-0479	ITEA VIRGINICA `LITTLE HENRY` TM	8	EA		
702-0487	JUNCUS EFFUSUS	13	EA		
702-0520	JUNIPERUS VIRGINIANA	3	EA		
702-0630	MAGNOLIA GRANDIFLORA `BRACKENS BROWN BEAUTY`	3	EA		
702-0682	NARCISSUS X `POLAR ICE`	88	EA		
702-0684	ILEX X `NELLIE R STEVENS`	14	EA		
702-0886	QUERCUS LYRATA	5	EA		
754-4001	RELOCATE TRASH RECEPTACLE	1	EA		
754-5000	BENCH	1	EA		
754-5001	RELOCATE BENCH	2	EA		
754-6000	BIKE RACK	2	EA		
754-6001	BIKE REPAIR STATION	1	EA		
754-7000	PET WASTE STATION	1	EA		
	GATEWAY MARKER	1	LS		
	8" FES	1	EA		
	CONCRETE STAIRS	66	LF		
	INTERPRETIVE MARKER	1	EA		
	BIOSWALE PLAZA				
232-0001	RAIL FABRICATION	69	LF		
441-9998	CONCRETE CROSS TIES	51	LF		
999-0060	BIORETENTION SOIL	22	CY		
222-2001	AGGREGATE DRAINAGE COURSE, TP 1	15	CY		
900-0037	CONCRETE PAVERS ON CONC BASE	52	SF		
	ADDITIONAL ITEMS IF ORDERED BY THE ENGINEER				
	REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH SUITABLE EARTH MATERIAL	50	CY		
	REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH GRADED AGGREGATE BASE	50	CY		
310-1101	GR AGGR BASE CRS, INCL MATL	10	TN		

City of Clarkston; DeKalb County
SPLOST 4C - ROWLAND STREET IMPROVEMENTS (REPAVING)

ITEM CODE	ITEM DESCRIPTION	QTY	UM	UNIT PRICE	COST
150-1000	TRAFFIC CONTROL	1	LS		
151-1000	MOBILIZATION/GRADING COMPLETE	1	LS		
432-0210	MILL ASPH CONC PVMT, 2 1/2 IN DEPTH	4324	SY		
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 220 LB/SY	475	TN		
611-8050	ADJUST MANHOLE TO GRADE	5	EA		
413-0750	TACK COAT	519	GL		
636-1041	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	54	SF		
636-2070	GALV STEEL POSTS, TP 7	117	LF		
653-0105	PAVEMENT MARKING, BIKE SHARED LANE SYMBOL	16	EA		
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	24	LF		
652-9000	TRAFFIC STRIPE, GREEN	14	SY		

City of Clarkston; DeKalb County
SPLOST 4B+C - EROSION CONTROL ALL AREAS

ITEM CODE	ITEM DESCRIPTION	QTY	UM	UNIT PRICE	COST
163-0232	TEMPORARY GRASSING	0.2	AC		
163-0240	MULCH	40	TN		
163-0300	CONSTRUCTION EXIT	1	EA		
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	15	EA		
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	130	LF		
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	1	EA		
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	91.32	EA		
171-0010	TEMPORARY SILT FENCE, TYPE A	130	LF		

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 01-000.dwg
PLOT SCALE: 1:1
PLOT DATE: 10/20/2020
SIZE: 22" x 34"

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

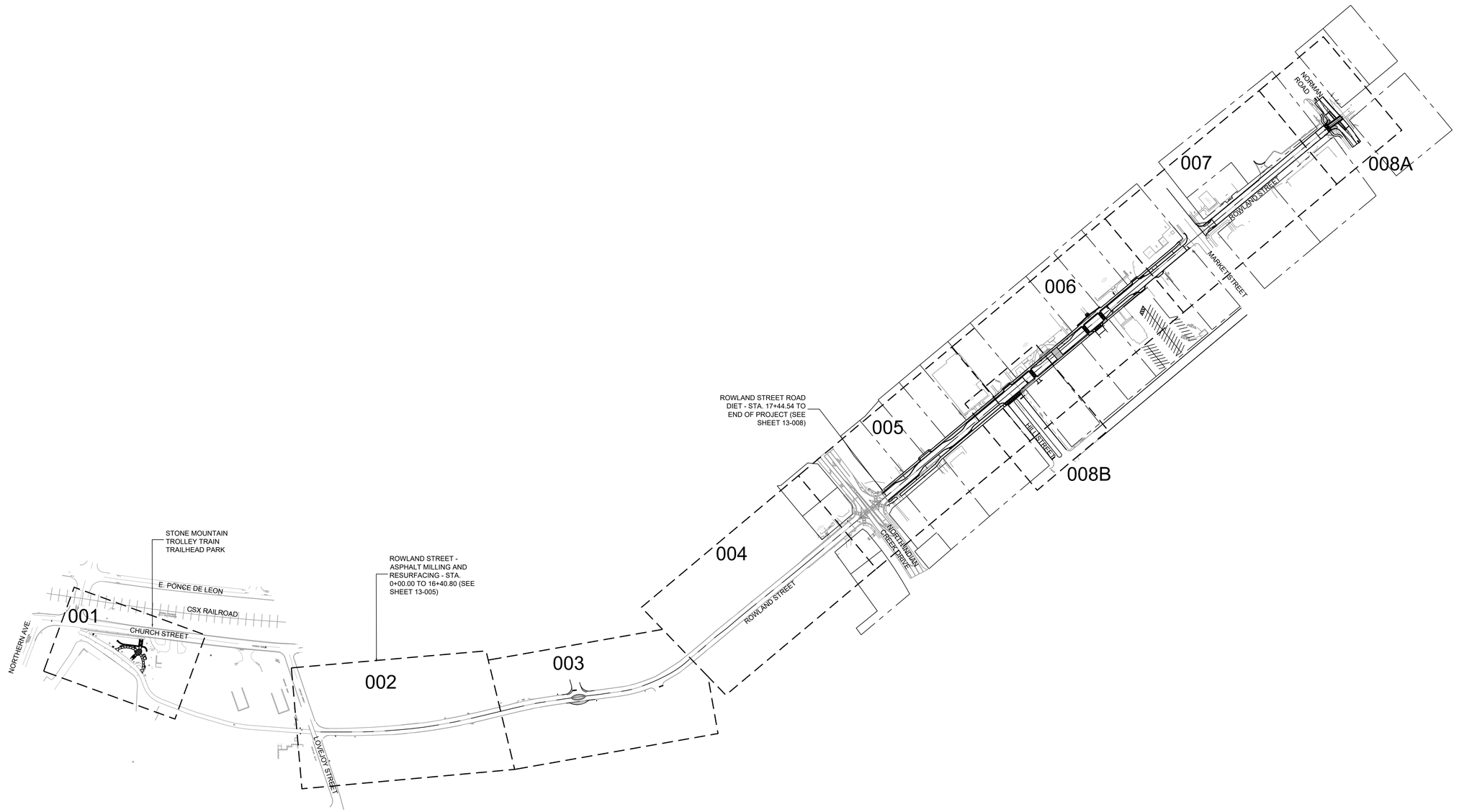
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 450
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11804.26

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SUMMARY OF QUANTITIES

SHEET IDENTIFICATION NUMBER
06-000

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901504\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\01-000.DWG PLOTTED BY: THOMPSON, SYDNEY



CITY OF CLARKSTON
where possibilities grow

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DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

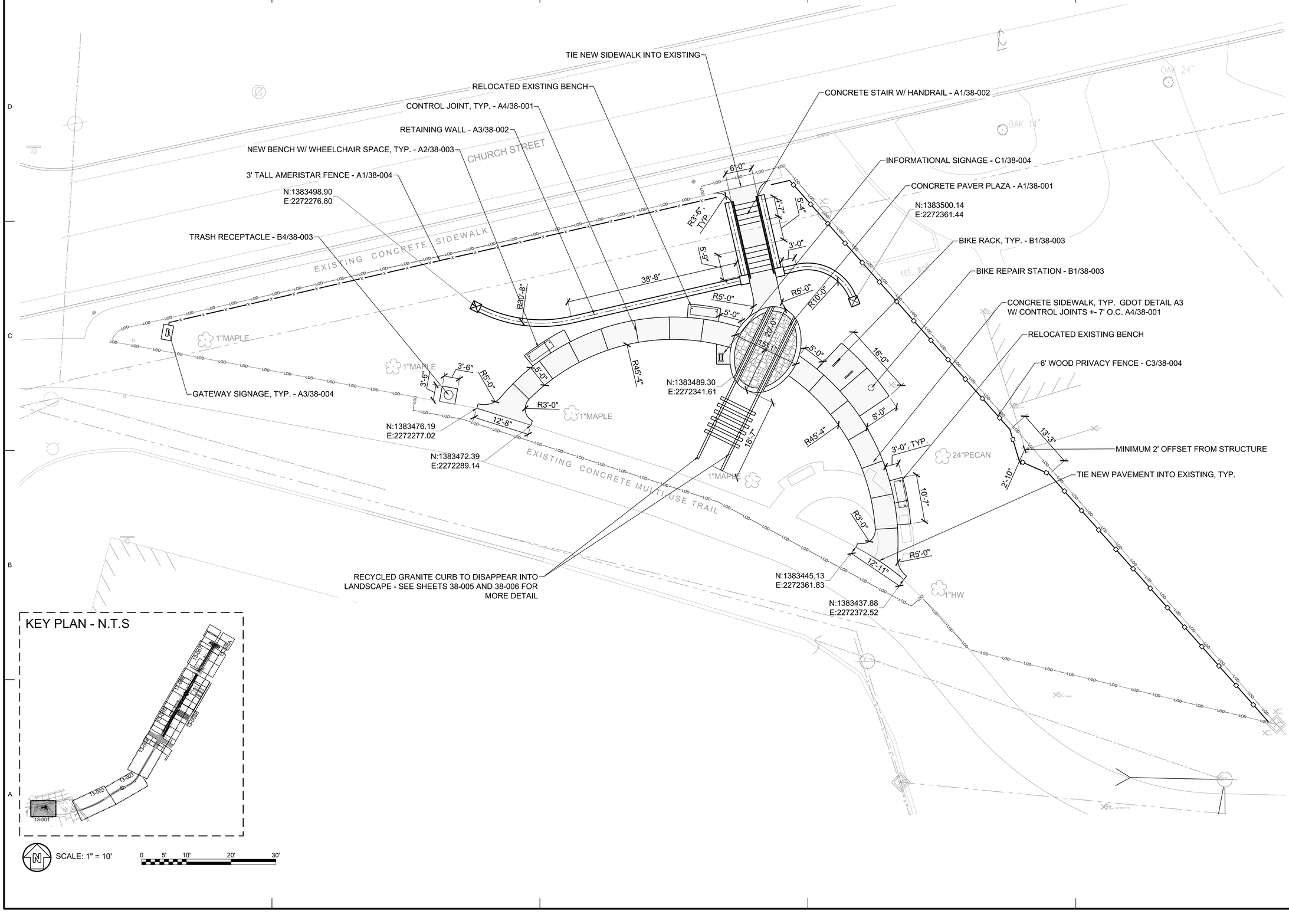
POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 570
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.: 11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

OVERALL PLAN

SHEET IDENTIFICATION NUMBER
13-000

FILE PATH: X:\FY19\1190\54\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY



KEY PLAN - N.T.S

SCALE: 1" = 10'

0 5' 10' 20' 30'

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
SUBMITTED BY:
DATE:
CKD BY: MAW
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" X 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

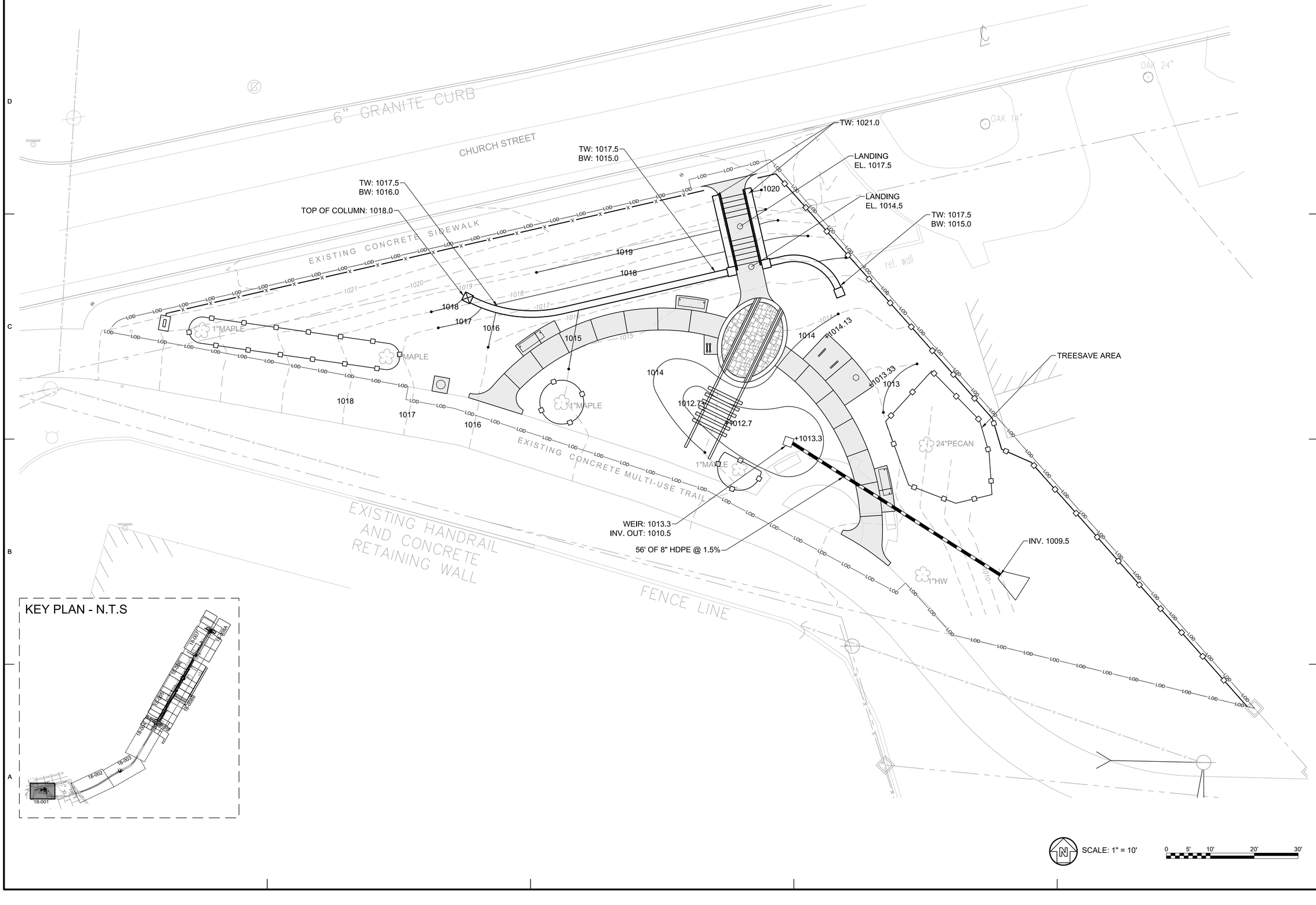
POND
3350 Parkway Lane, Peachtree Corners, GA 30092, Suite 320
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.: 1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

TRAILHEAD SITE PLAN

SHEET IDENTIFICATION NUMBER
13-001



KEY PLAN - N.T.S

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRAWN BY: SPT
CHKD BY: MAW
SUBMITTED BY:
DATE: -
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 18-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 12/8/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET
TRAILHEAD DESIGN

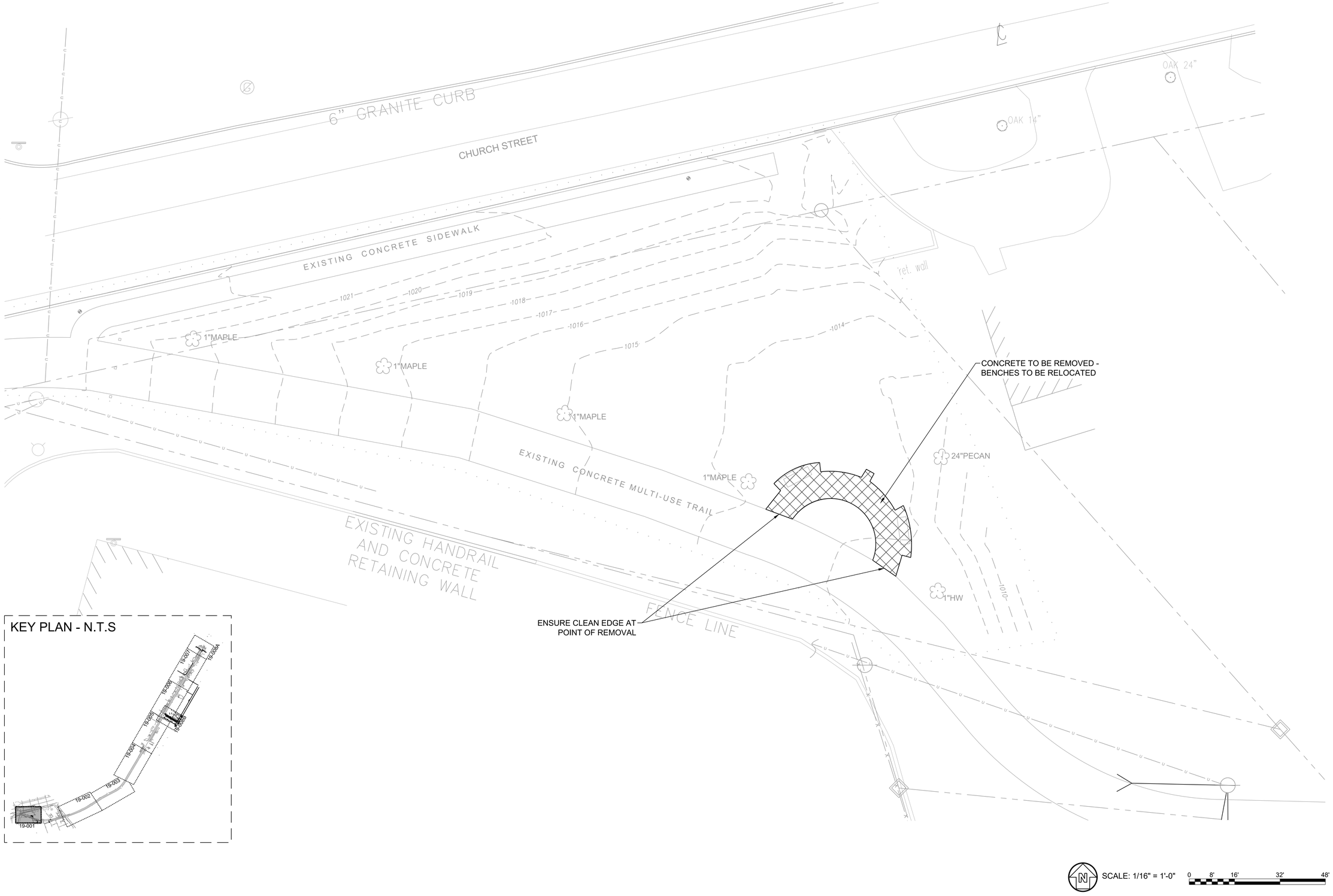
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 320
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.: 11804.26

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

TRAILHEAD GRADING PLAN

SHEET IDENTIFICATION NUMBER
18-001

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901541\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\18-001.DWG PLOTTED BY: THOMPSON, SYDNEY



FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\19-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 19-001.dwg
SIZE: 22"X 34"
PLOT SCALE: 1:1
PLOT DATE: 5/5/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

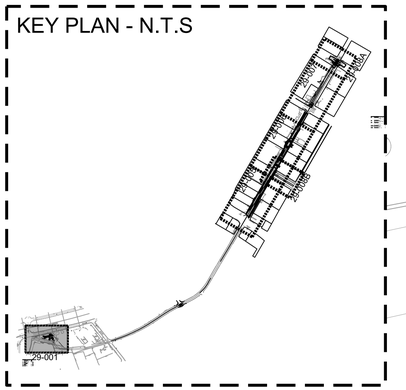
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone: 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

TRAILHEAD DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
19-001

KEY PLAN - N.T.S



(5) AUMTUMN TWIST AZALEA
(4) AMERICAN BEAUTYBERRY
(7) AUMTUMN TWIST AZALEA
(1) EASTERN REDBUD
(2) BRACKENS SOUTHERN MAGNOLIA
(3) EASTERN RED CEDAR
(5) NELLIE R STEVENS
(3) EASTERN RED CEDAR
(1) EASTERN REDBUD
(1,141 sf) EMERALD ZOYSIA
(1) AMERICAN BEAUTYBERRY
(9) NELLIE R STEVENS
(3) CHEROKEE PRINCESS DOGWOOD
(933 sf) EMERALD ZOYSIA
(5) OVERCUP OAK
(7) VIRGINIA SWEETSPIRE
(12) SOFT RUSH
(24) EASTERN STAR SEDGE
(11) RATTLESNAKE MASTER
(10) WILD AGERATUM
(10) BRISTLE-LEAF SEDGE
(1,335 sf) EMERALD ZOYSIA
(7) AUMTUMN TWIST AZALEA
(3) AMERICAN BEAUTYBERRY
(1) BRACKENS SOUTHERN MAGNOLIA

CHURCH STREET
EXISTING CONCRETE SIDEWALK
EXISTING CONCRETE MULTI-USE TRAIL
retaining wall
OAK 24"
OAK 14"
1" MAPLE
24" PECAN
C.T. HICKORY

PLANT SCHEDULE TRAILHEAD

TREES	COMMON / BOTANICAL NAME	CONT	
2	EASTERN REDBUD / CERCIS CANADENSIS `APPALACHIAN RED`	3" CAL. B&B	
3	CHEROKEE PRINCESS DOGWOOD / CORNUS FLORIDA `CHEROKEE PRINCESS`	3" CAL. B&B	
3	EASTERN RED CEDAR / JUNIPERUS VIRGINIANA	8`-10` HT. B&B	
3	BRACKENS SOUTHERN MAGNOLIA / MAGNOLIA GRANDIFLORA `BRACKENS BROWN BEAUTY`	8`-10` HT. B&B	
5	OVERCUP OAK / QUERCUS LYRATA	5" CAL. B&B	
SHRUBS	**COMMON / BOTANICAL NAME**	**CONT**	**SPACING**
19	AUMTUMN TWIST AZALEA / AZALEA ENCORE `AUTUMN TWIST` TM	3G	48" o.c.
8	AMERICAN BEAUTYBERRY / CALLICARPA AMERICANA	3G	72" o.c.
10	WILD AGERATUM / CONOCLINIUM COELESTINUM	1G	36" o.c.
11	RATTLESNAKE MASTER / ERYNGIUM YUCCIFOLIUM	1G	30" o.c.
14	NELLIE R STEVENS / ILEX X `NELLIE R STEVENS`	5G	96" o.c.
7	VIRGINIA SWEETSPIRE / ITEA VIRGINICA `LITTLE HENRY` TM	3G	48" o.c.
GRASSES	**COMMON / BOTANICAL NAME**	**CONT**	**SPACING**
10	BRISTLE-LEAF SEDGE / CAREX EBURNEA	3G	36" o.c.
24	EASTERN STAR SEDGE / CAREX RADIATA	1G	24" o.c.
12	SOFT RUSH / JUNCUS EFFUSUS	3G	36" o.c.
SOD/SEEDING	**COMMON / BOTANICAL NAME**	**CONT**	**SPACING**
3,409 SF	EMERALD ZOYSIA / ZOYSIA JAPONICA `EMERALD`	SOD	

SCALE: 1" = 10'

0 5' 10' 20' 30'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRAWN BY: SPT
CHK'D BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 29-001.dwg
SIZE: 22" x 34"
SCALE: 1:1
PLOT DATE: 12/04/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

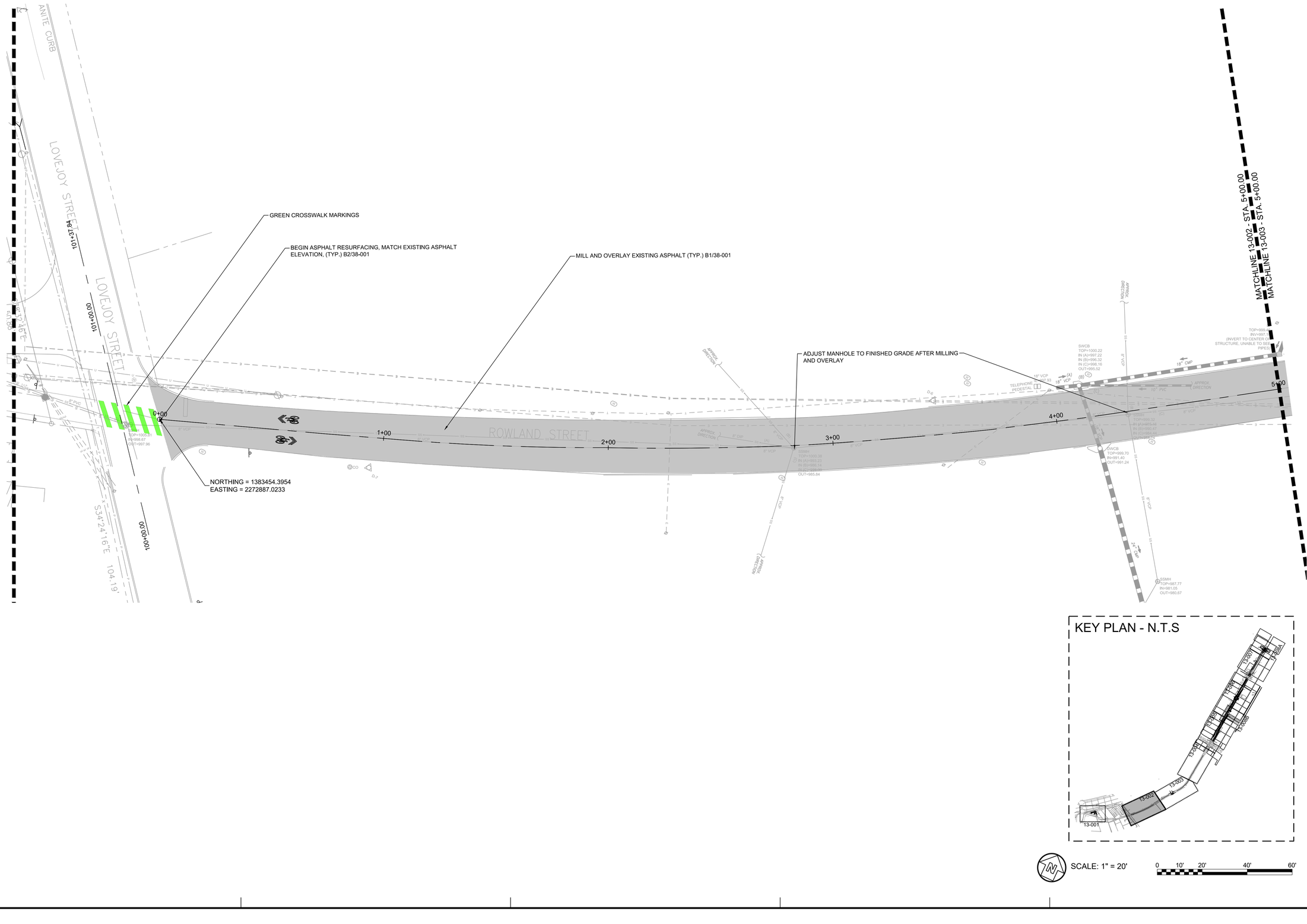
POND
3500 Parkway Lane, Peachtree Corners, GA 30092 SUITE 320
Phone: 678.336.7740 Fax: 678.336.7744
POND PROJECT No.11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

TRAILHEAD LANDSCAPE PLAN

SHEET IDENTIFICATION NUMBER
29-001

FILE PATH: X:\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\29-001.DWG PLOTTED BY: THOMPSON, SYDNEY



KEY PLAN - N.T.S

SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

DATE:

SOLICITATION NO.: -

CONTRACT NO.: -

FILE NUMBER: -

PLOT DATE: 11/24/2020

DESIGNED BY: RBJ

DWN BY: SPT

CKD BY: MAW

SUBMITTED BY:

FILE NAME: 13-001.dwg

SIZE: 22" x 34"

PLOT SCALE: 1:1

CITY OF CLARKSTON

SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 200
Phone: 678.336.7740 Fax: 678.336.7744

POND PROJECT No.:1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

MAINLINE PLAN

SHEET IDENTIFICATION NUMBER

13-002

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 13-002 - STA. 5+00.00
MATCHLINE 13-003 - STA. 5+00.00

MATCHLINE 13-003 - STA. 10+50.00
MATCHLINE 13-004 - STA. 10+50.00

MILL AND OVERLAY EXISTING ASPHALT (TYP.) B1/38-001

RESET STOP SIGN
STA:6+97.16
OFF:29.91'L

WIDEN CURVE USING EXISTING GRANITE CURB

REMOVE THREE WAY STOP SIGN
STA:7+38.07
OFF:13.55'L

ADJUST MANHOLE TO FINISHED GRADE AFTER MILLING AND OVERLAY

ADJUST EXISTING DRIVEWAY AND
REFRESH GRAVEL AS NEEDED

STA:6+99.12
OFF:14.59'R

REMOVE THREE WAY STOP SIGN

ADJUST MANHOLE TO FINISHED GRADE
OF RAISED EASEABOUT

WIDEN ROAD TO NEW CURB LINE, TYP.

CITY TO PROVIDE CONSTRUCTION
DETAIL FOR EASEABOUT

RELOCATE EXISTING POWER POLE - COORDINATE WITH
CITY AND UTILITY COMPANY FOR NEW LOCATION

ADJUST CURB LINE AND REUSE
EXISTING GRANITE CURB

STA:6+98.63
OFF:0.00'

STA:7+36.62
OFF:0.90'R

CHURCH WAY

WAGONER STREET

ROWLAND STREET

CLAY AVENUE SOUTH

5+00 6+00 7+00 8+00 9+00 10+00

R20' R25' R4' R35' R15' 12'

14 WATER VALVES
1 WATER METER

CONCRETE APRON

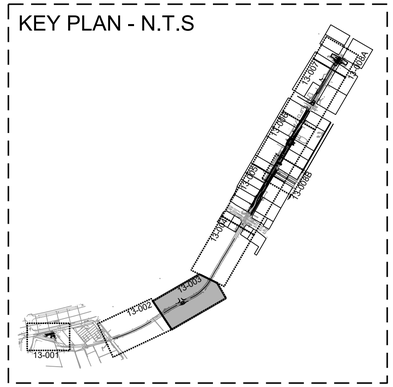
8" VCP

SSMH TOP=1008.41 OUT=991.15

SSMH TOP=1009.48 OUT=1003.34

1/2" REBAR

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 300
Phone: 678.336.7740
Fax 678.336.7744

POND PROJECT No.: 1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

MAINLINE PLAN

SHEET IDENTIFICATION NUMBER
13-003

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 13-003 - STAT. 10+50.00
MATCHLINE 13-004 - STAT. 10+50.00

MILL AND OVERLAY EXISTING ASPHALT (TYP.) B1/38-001

ASPHALT RESURFACING - B1/38-001, (TYP.)

ROWLAND STREET

11+00 12+00 13+00 14+00 15+00 16+00

1-STORY
FRAME RESIDENCE
#938 ROWLAND STREET

8"CREPE MYRTLE

CONCRETE

ASPHALT

1/2" RBF

24" POPLAR

ASPHALT DRIVE

CONCRETE DRIVE

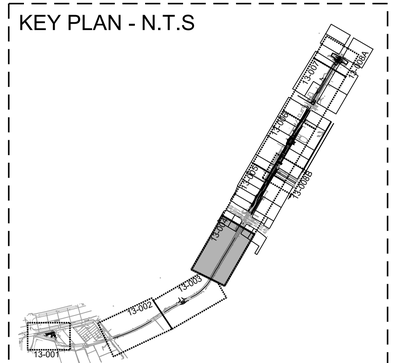
ADJUST MANHOLE TO FINISHED GRADE AFTER MILLING AND OVERLAY

MATCHLINE 13-004 - STA. 16+00.00
MATCHLINE 13-005 - STA. 16+00.00

NOR
EA

TA:

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 24" x 36"
PLOT SCALE: 1:1
PLOT DATE: 1/28/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 325
Phone: 678.336.7700
Fax: 678.336.7744

POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

MAINLINE PLAN

SHEET IDENTIFICATION NUMBER
13-004

MATCHLINE 13-004 - STA. 16+00.00
MATCHLINE 13-005 - STA. 16+00.00

MILL AND OVERLAY EXISTING ASPHALT (TYP.) B1/38-001

END OF ASPHALT RESURFACING. MATCH EXISTING ASPHALT ELEVATION - B2/38-001.

POLE RELOCATION REQUIRED TO TIE NAMB SIDEWALK INTO THE INTERSECTION HAWK PROJECT PEDESTRIAN RAMP

NORTHING = 1384591.6173
EASTING = 2274124.2155

CONCRETE SIDEWALK, TYP. GDOT DETAIL A3

CONCRETE FLUME

BIORETENTION PLANTING BED

CONCRETE WEIR

CONCRETE FLUME, TYP.

DRIVEWAY APRON - GDOT DETAIL A1, TYP.

MILL AND OVERLAY EXISTING ASPHALT (TYP.) B1/38-001

PLANTING BED

STA:20+22.48
OFF:6.21'L

STA:20+47.40
OFF:12.25'L

GRASS STRIP, TYP.

STA:19+61.48
OFF:13.69'L

STA:18+63.54
OFF:11.96'L

STA:17+91.25
OFF:12.03'L

STA:18+84.47
OFF:4.10'R

STA:18+21.35
OFF:4.03'L

STA:18+31.95
OFF:4.04'L

STA:19+48.85
OFF:4.28'R

STA:19+91.18
OFF:6.23'L

STA:20+61.39
OFF:5.77'R

STA:21+48.96
OFF:5.93'R

STA:18+51.39
OFF:12.39'R

STA:19+71.76
OFF:10.19'R

STA:20+41.70
OFF:10.26'R

STA:20+49.29
OFF:24.36'R

STA:20+86.49
OFF:20.80'R

NORTHING = 1384501.8028
EASTING = 2274072.0545

CONCRETE WEIR

GRANITE CURB B1/38-001, TYP.

BEGIN CONCRETE SIDEWALK. MATCH EXISTING CONCRETE SIDEWALK ELEVATION - GDOT DETAIL A3

EXISTING DRIVEWAY TO REMAIN

BEGIN ASPHALT RESURFACING. MATCH EXISTING ASPHALT ELEVATION - B2/38-001

EXISTING WALL TO REMAIN

CONCRETE WEIR

BIORETENTION PLANTING BED

HILL STREET ENLARGEMENT PLAN — B / 38-008

MATCHLINE 13-005 - STA. 21+50.00
MATCHLINE 13-006 - STA. 21+50.00

N/F
KRISTINE H. LOHR
TAX ID# 18-096-08-003
DB 10988, PG 701

N/F
THU HA THI NGUYEN
TAX ID# 18-096-09-001
DB 26314, PG 619

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-010
DB 26257, PG 18 (TRACT 9)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-009
DB 26257, PG 18 (TRACT 8)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-008
DB 26869, PG 13

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-007
DB 26257, PG 18 (TRACT 7)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-006
DB 26257, PG 18 (TRACT 6)

2-STORY BRICK BUILDING #3865 ROWLAND STREET

CANOPY

N/F
RENITA I. KNIGHT & RUTH P. KNIGHT
TAX ID# 18-096-10-001
DB 11883, PG 743

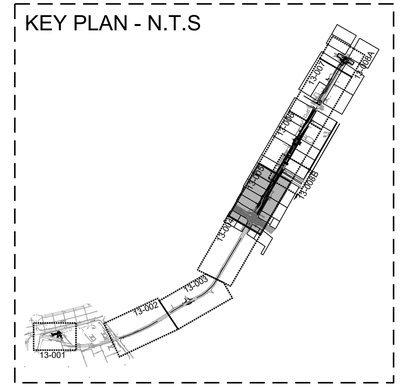
N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-10-002
DB 26609, PG 153

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.

NORTH INDIAN CREEK DRIVE (R/W VARIES)

ROWLAND STREET (R/W VARIES)

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

DESIGNED BY: RBJ
DRAWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 320
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.: 1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

MAINLINE PLAN

SHEET IDENTIFICATION NUMBER
13-005

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 13-005 - STA. 21+50.00
MATCHLINE 13-006 - STA. 21+50.00

MATCHLINE 13-006 - STA. 27+00.00
MATCHLINE 13-007 - STA. 27+00.00

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-005
DB 26257, PG 18 (TRACT 5)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-003
DB 26257, PG 18 (TRACT 4)

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-001
DB 6739, PG 24 (QCD)
DB 8802, PG 327 (WD)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-16-004
DB 268, PG 334

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-002
(NO DEED OF RECORD FOUND)

2-STORY BRICK BUILDING #3895 ROWLAND STREET

2-STORY BRICK BUILDING #3919 ROWLAND STREET

ROWLAND STREET (40' R/W)

HILL STREET (80' R/W)

HILL ST.

BELLSOUTH DUCT BANK

BEGIN SPEED TABLE - C3/38-002

STA:22+84.14
OFF:12.07'L

STA:22+46.21
OFF:0.00'

PLANTING BED

CURB CUT, TYP.

STA:23+51.37
OFF:6.51'L

STA:23+05.60
OFF:6.58'L

GRANITE PAVERS TO BE SUPPLIED BY OWNER

PLANTING BED

STA:24+13.61
OFF:6.41'L

STA:23+71.37
OFF:6.47'L

STA:24+35.51
OFF:12.00'L

STA:24+52.93
OFF:23.00'L

STA:25+33.23
OFF:22.91'L

STA:25+50.23
OFF:0.00'R

RETAINING WALL, TYP, A3/38-002

CONCRETE STAIRS W/ HANDRAIL, A1/38-002

GRANITE BOLLARDS, A3/38-001

CONCRETE PAVERS - D1/38-001

GDOT TYPE 9 CURB

CONCRETE SIDEWALK, TYP.

END SPEED TABLE

GRASS STRIP, TYP.

RELOCATED SIGN

GDOT DRIVEWAY APRON - DETAIL A1, TYP.

GRANITE CURB - A3/38-002, TYP.

CONCRETE FLUME, TYP.

TYPE 9 CURB, CONCRETE

GRANITE BOLLARDS, A3/38-001

CONCRETE SIDEWALK - GDOT DETAIL A3, TYP.

TYPE 9 CURB, CONCRETE

GRASS STRIP, TYP.

CONCRETE PAVERS W/ 1' CONCRETE BORDER - SEE DETAIL D1/38-001

RAMP INTO PARKING LOT.
NOTE: DEVELOPMENT OF ADJACENT PROPERTIES OCCURRING CONCURRENTLY OR PRIOR TO STREETSCAPE PROJECT. CONTRACTOR TO COORDINATE ACCORDINGLY

RAINGARDEN PLANTING BED

MILL AND OVERLAY EXISTING ASPHALT - B1/38-001, (TYP.)

IMPLEMENT ROOT BRIDGING DETAIL C1/38-002 OVER EXISTING OAK ROOT ZONE.

PARKING LOT IMPROVEMENTS BY OTHERS

SEE SHEET B/38-008 FOR HILL STREET INFORMATION

NEW PARKING LOT CIRCULATION W/ LANDSCAPE ISLAND

GRANITE CURB, TYP.

CONCRETE SIDEWALK, TYP.

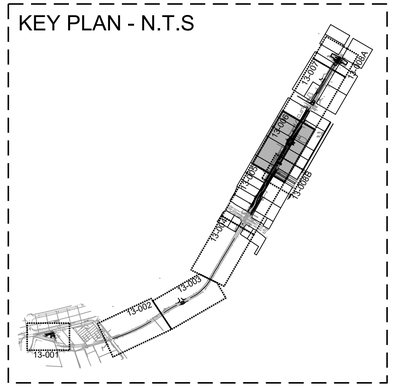
N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 26257, PG 18 (TRACT 2)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-006
DB 26257, PG 18 (TRACT 3)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-004
DB 26257, PG 18 (TRACT 1)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-15-003
DB 3002, PG 282

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 590
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.:11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

MAINLINE PLAN

SHEET IDENTIFICATION NUMBER
13-006

FILE PATH: X:\PY19\11901540\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 13-006 - STA. 27+00.00
MATCHLINE 13-007 - STA. 27+00.00

MATCHLINE 13-007 - STA. 32+50.00
MATCHLINE 13-008 - STA. 32+50.00

N/F
JIMMY R. JOHNSON & LARRY E. GLENN
TAX ID# 18-096-17-007
DB 5335, PG 413

N/F
ZUFAN A. ABRHA
TAX ID# 18-096-17-002
DB 24989, PG 260

TIE PROPOSED CURB (GDOT STANDARD 9032B) INTO EXISTING TO CLOSE OFF VEHICULAR DRIVE

TIE PROPOSED CURB AND GUTTER (GDOT STANDARD 9032B) INTO EXISTING TO CLOSE OFF VEHICULAR DRIVE

EXISTING CROSSWALK

GRANITE CURB, TYP.

REMOVABLE STEEL BOLLARDS, TYP. A4/38-003

MILL AND OVERLAY EXISTING ASPHALT (TYP.) B1/38-001

STA:31+14.40
OFF:58.72'L

STA:31+37.46
OFF:36.95'L

GRANITE CURB

STA:31+44.99
OFF:13.09'L

STA:30+95.73
OFF:12.82'L

STA:30+05.80
OFF:18.86'L

STA:30+05.80
OFF:12.50'L

STA:29+84.65
OFF:19.17'L

STA:29+84.48
OFF:12.50'L

STA:29+05.26
OFF:0.09'L

CONCRETE SIDEWALK - GDOT DETAIL A3, TYP.

PLANTING BED

CONCRETE MEDIAN W/ PAVERS W/ TYPE 2 GDOT CURB - B3/38-001

GRANITE CURB B1/38-001

EXISTING GRANITE CURB TO REMAIN

GDOT STYLE DRIVEWAY APRON - DETAIL A1

MILL AND OVERLAY EXISTING ASPHALT (TYP.) B1/38-001

MILLING AND PAVING ENDS AT NEW ASPHALT. MATCH EXISTING ELEVATION - B2/38-001.

MILLING AND PAVING ENDS AT NEW ASPHALT. MATCH EXISTING ELEVATION - B2/38-001.

1-STORY FRAME BUILDING

1-STORY METAL BUILDING

1-STORY METAL BUILDING

1-STORY BRICK BUILDING #3704 MARKET STREET

MARKET STREET (R/W VARIES)

ROWLAND STREET (40' R/W)

(PEDESTRIAN-ONLY SECTION OF ROWLAND ST.)

27+00 28+00 29+00 30+00 31+00 32+00

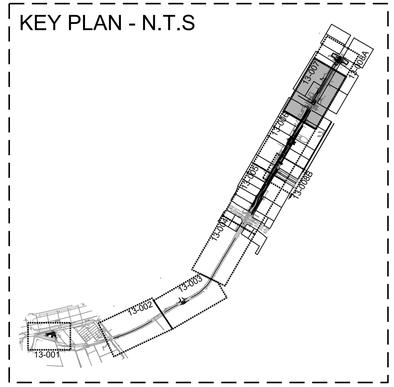
5'-0" 8'-5" 18'-0" 1.4%

N/F
JOHN EDDINGTON, JR. & KAREN FELTZ-EDDINGTON
TAX ID# 18-096-15-001
DB 26824, PG 429

N/F
CITY OF CLARKSTON
TAX ID# 18-096-18-002
DB 24436, PG 287

N/F
GEORGIA POWER COMPANY
TAX ID# 18-096-18-001
DB 2048, PG 579

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" x 34"
PLOT DATE: 12/23/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 300
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.11804126

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

MAINLINE PLAN

SHEET IDENTIFICATION NUMBER
13-007

MATCHLINE 13-007 - STA. 32+50.00
MATCHLINE 13-008 - STA. 32+50.00

PEDESTRIAN ONLY SECTION OF ROWLAND DR

REMOVABLE STEEL BOLLARD, TYP, B1/38-001

NORTHING = 1386006.6011
EASTING = 2274948.6836

STEEL BOLLARDS

CONCRETE MEDIAN W/ PAVERS
W/ TYPE 2 GDOT CURB - B3/38-001

CONCRETE MEDIAN, GDOT DETAIL 9032B, TYP.

N/F
ZEE-SHAN ENTERPRISES UNLIMITED, INC.
TAX ID# 18-096-21-005
DB 10042, PG 309

N/F
CLARKSTON FIRST BAPTIST CHURCH, INC.
TAX ID# 18-096-20-002
DB 10660, PG 72

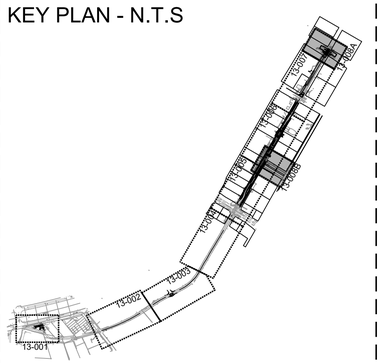
ROWLAND STREET (40' R/W)

NORMAN ROAD (PUBLIC R/W VARIES)

A SITE PLAN
SCALE: 1" = 20'-0"

20 0 20 40
SCALE: 1" = 20'

KEY PLAN - N.T.S



IMPROVEMENTS BY OTHERS

GDOT STYLE DRIVEWAY APRON - DETAIL A1, TYP.

CONCRETE SIDEWALK, GDOT DETAIL A3, TYP.

GRASS STRIP, TYP.

2-STORY BRICK BUILDING #3865 ROWLAND STREET

#3895 ROWLAND STREET

ROWLAND ST.

STA:22+46.21
OFF:0.00'

STA:202+06.11
OFF:0.00'

ADA ACCESS RAMP, TYPE D, GDOT DETAIL A3

ADA ACCESS RAMP, TYPE D, GDOT DETAIL A3

ADA ACCESS RAMP, TYPE D, GDOT DETAIL A3

MILL AND OVERLAY EXISTING PAVEMENT - B1/38-001

18' 12' 18'

HILL ST.

LANDSCAPE MEDIAN (B1/29-001) W/ GRANITE CURB, TYP.

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 26257, PG 18 (TRACT 2)

GRANITE CURB, B1/38-001, TYP.

PARKING LOT IMPROVEMENTS BY OTHERS

STA:200+18.20
OFF:0.06'R

SAENGER

ROGERS ST.

B HILL STREET SITE PLAN
SCALE: 1" = 20'-0"

20 0 20 40
SCALE: 1" = 20'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 13-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 12/04/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

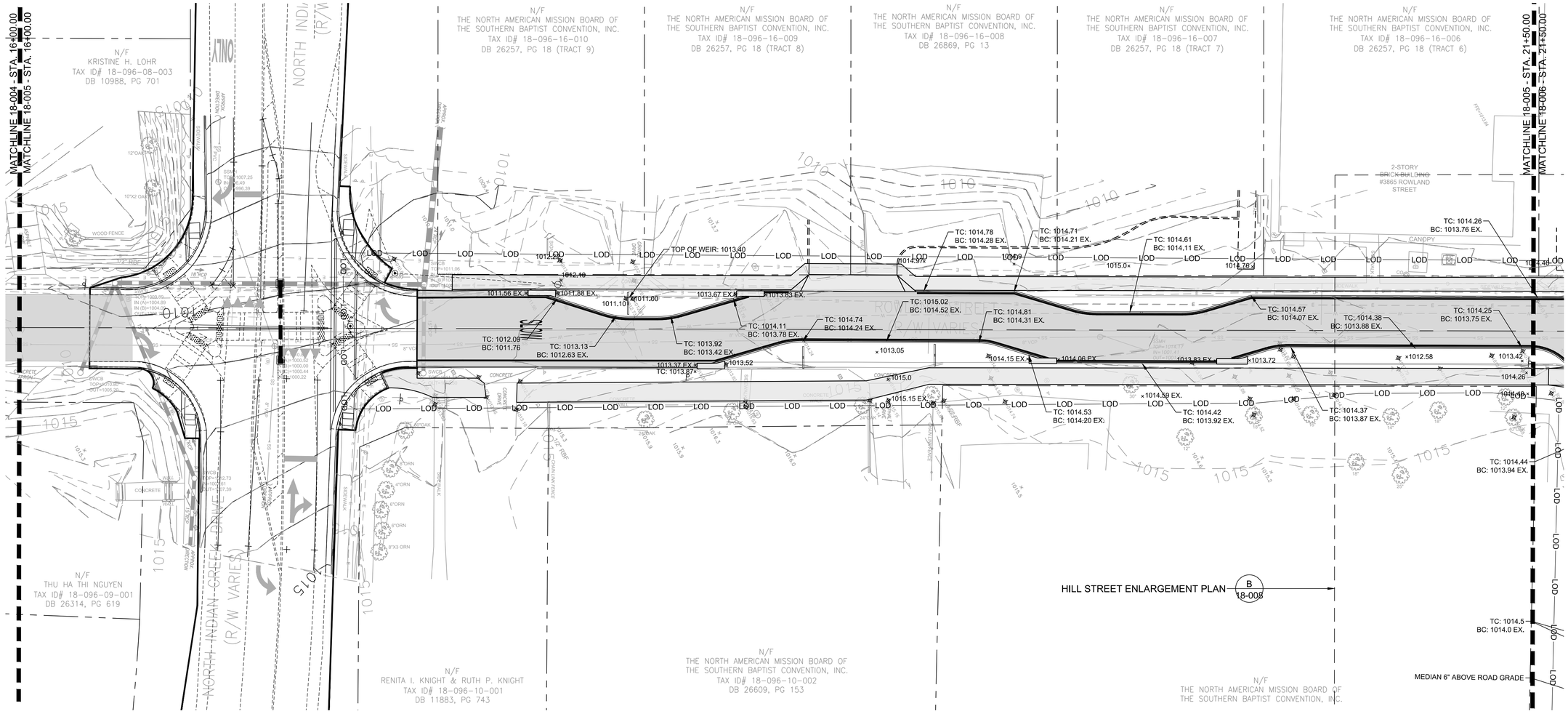
POND
3400 Parkway Lane
Peachtree Corners, GA
30092 Suite 320
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

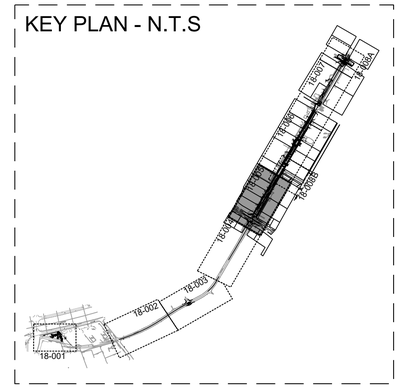
MAINLINE PLAN

SHEET IDENTIFICATION NUMBER
13-008

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\13-001.DWG PLOTTED BY: THOMPSON, SYDNEY



KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 18-001.dwg
SIZE: 22"x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

GRADING PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
18-005

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\18-001.DWG PLOTTED BY: THOMPSON, SYDNEY

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-005
DB 26257, PG 18 (TRACT 5)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-003
DB 26257, PG 18 (TRACT 4)

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-001
DB 6739, PG 24 (QCD)
DB 8802, PG 327 (WD)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-16-004
DB 268, PG 334

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-002
(NO DEED OF RECORD FOUND)

MATCHLINE 18-005 - STA. 21+50.00

MATCHLINE 18-006 - STA. 21+50.00

MATCHLINE 18-006 - STA. 27+00.00

MATCHLINE 18-007 - STA. 27+00.00

2-STORY
BRICK BUILDING
#3895 ROWLAND
STREET

2-STORY
BRICK BUILDING
#3919 ROWLAND
STREET

TC: 1014.14
BC: 1013.64

TOP OF GRANITE CURB
TO RUN 6" ABOVE GRADE

TC: 1014.64
BC: 1014.14

TW: 1015.0
BW: 1013.5

TW: 1015.0
BW: 1013.38

TW: 1015.0
BW: 1013.26

TC: 1013.56
BC: 1013.06

TC: 1013.56
BC: 1012.56

TC: 1012.29
BC: 1011.79 EX.

TC: 1011.61
BC: 1011.21 EX.

18" HDPE

18" HDPE

18" HDPE

18" HDPE

18" RCP

DI A7

DI A6
(DOME)

DI A5
(DOME)

DI A4
(DOME)

DI A8

TC: 1014.01
BC: 1013.51 EX.

TC: 1013.84
BC: 1014.34

TOP OF GRANITE CURB
TO RUN 6" ABOVE
GRADE

TOP OF GRANITE CURB
TO RUN 6" ABOVE GRADE

TC: 1012.39
BC: 1011.89 EX.

TC: 1013.26
BC: 1012.76

TC: 1013.26
BC: 1012.26

TC: 1011.54
BC: 1011.14 EX.

TC: 1011.33
BC: 1010.83 EX.

HILL ST.

HILL ST. (80' R/W)

HILL ST.

BELLSOUTH
DUCT BANK

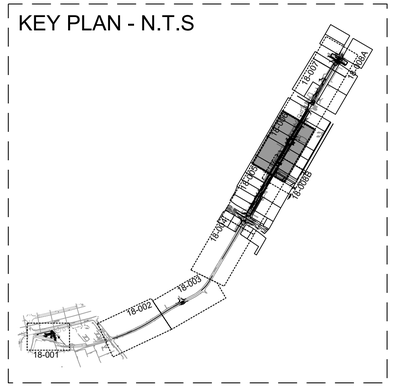
N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 26257, PG 18 (TRACT 2)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-006
DB 26257, PG 18 (TRACT 3)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-004
DB 26257, PG 18 (TRACT 1)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-15-003
DB 6002, PG 282

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

DESIGNED BY: RBJ
DRAWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 18-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C -
ROWLAND STREET ROAD DIET
TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone: 678.336.7740
Fax 678.336.7744

POND PROJECT No.11804126

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

GRADING PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
18-006

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11904104.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\18-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 18-006 - STA. 27+00.00
MATCHLINE 18-007 - STA. 27+00.00

MATCHLINE 18-007 - STA. 32+50.00
MATCHLINE 18-008 - STA. 32+50.00

PIPE TO BE INSTALLED BY JACK AND BORE METHOD ONLY

N/F
JIMMY R. JOHNSON & LARRY E. GLENN
TAX ID# 18-096-17-007
DB 5335, PG 413

N/F
ZUFAN A. ABRHA
TAX ID# 18-096-17-002
DB 24989, PG 260

N/F
JOHN EDDINGTON, JR. & KAREN FELTZ-EDDINGTON
TAX ID# 18-096-15-001
DB 26824, PG 429

N/F
CITY OF CLARKSTON
TAX ID# 18-096-18-002
DB 24436, PG 287

N/F
GEORGIA POWER COMPANY
TAX ID# 18-096-18-001
DB 2048, PG 579

1-STORY FRAME BUILDING
1-STORY METAL BUILDING
1-STORY METAL BUILDING
4-STORY BRICK BUILDING #3314 MARKET STREET

MARKET STREET (R/W VARIES)
ROWLAND STREET (40' R/W)

TC: 1010.96
BC: 1010.46 EX.

TC: 1009.78
BC: 1009.28 EX.

TC: 1005.31
BC: 1004.81 EX.

TC: 1003.46
BC: 1002.96 EX.

TC: 996.0
BC: 995.5 EX.

TC: 995.0
BC: 994.5 EX.

TC: 1007.57
BC: 1007.07 EX.

TC: 1004.72
BC: 1004.22 EX.

TC: 1004.26
BC: 1003.76 EX.

TC: 999.66
BC: 999.16 EX.

TC: 997.5
BC: 997.0 EX.

TC: 1004.19
BC: 1003.69 EX.

TC: 1003.39
BC: 1002.89 EX.

TC: 1007.60
BC: 1007.10 EX.

TC: 1010.72
BC: 1010.22 EX.

TC: 1009.59
BC: 1009.09 EX.

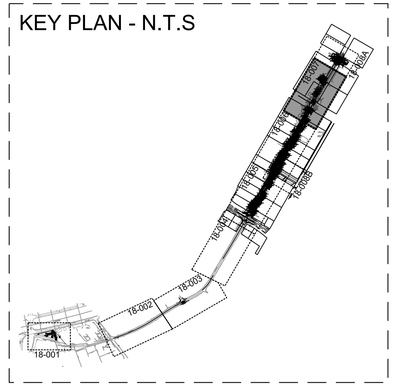
18" HDPE
18" HDPE
18" RCP
EX CI A0

DI A3 (DOME)
DI A2 (DOME)
JB A1

SCALE: 1" = 20'

0 10' 20' 40' 60'

KEY PLAN - N.T.S



MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 18-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/20/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 300
Phone 678.336.7340
Fax 678.336.7744
POND PROJECT No.: 1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

GRADING PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
18-007

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\PY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\18-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 18-007 - STA. 32+50.00
MATCHLINE 18-008 - STA. 32+50.00

N/F
ZEE-SHAN ENTERPRISES UNLIMITED, INC.
TAX ID# 18-096-21-005
DB 10042, PG 309

TC: 989.87
BC: 989.37 EX.

TC: 989.84
BC: 989.34 EX.

MEDIAN 6" ABOVE ROAD GRADE

MEDIANS 6" ABOVE ROAD GRADE

TC: 989.27
BC: 988.77 EX.

TC: 988.67
BC: 988.17 EX.

MEDIAN 6" ABOVE ROAD GRADE

TC: 989.11
BC: 988.61 EX.

TC: 986.61
BC: 986.11 EX.

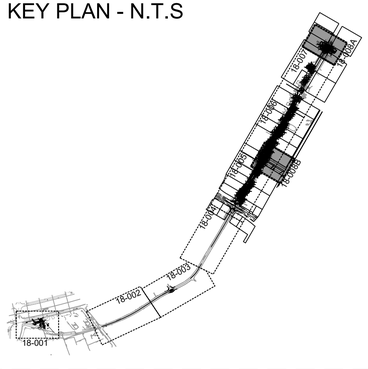
ROWLAND STREET (40' R/W)

N/F
CLARKSTON FIRST BAPTIST CHURCH, INC.
TAX ID# 18-096-20-002
DB 10660, PG 72

A GRADING PLAN
SCALE: 1" = 20'-0"

20 0 20 40
SCALE: 1" = 20'

KEY PLAN - N.T.S



2-STORY
BRICK BUILDING
#3865 ROWLAND
STREET

TC: 1014.14
BC: 1013.64

TC: 1014.26
BC: 1013.76 EX.

CANOPY

TC: 1014.64
BC: 1014.14

TC: 1014.25
BC: 1013.75 EX.

TC: 1014.38
BC: 1013.88 EX.

18" HDPE

18" RCP

DI A7

DI A6
(DOME)

TC: 1014.01
BC: 1013.51 EX.

DI A8

TC: 1013.84
BC: 1014.34

TOP OF GRANI
TO RUN 6" ABC
GRADE

TC: 1014.37
BC: 1013.87 EX.

TC: 1014.44
BC: 1013.94 EX.

HILL STREET (80' R/W)

TC: 1014.5
BC: 1014.0 EX.

MEDIAN 6" ABOVE ROAD GRADE

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 28257, PG 18 (TRACT 2)

TC: 1011.72
BC: 1011.22 EX.

SAENGER

B HILL STREET GRADING PLAN
SCALE: 1" = 20'-0"

20 0 20 40
SCALE: 1" = 20'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 18-001.dwg
SIZE: 22" X 34"
PLOT DATE: 12/8/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 570
Phone: 678.336.7700
Fax: 678.336.7744

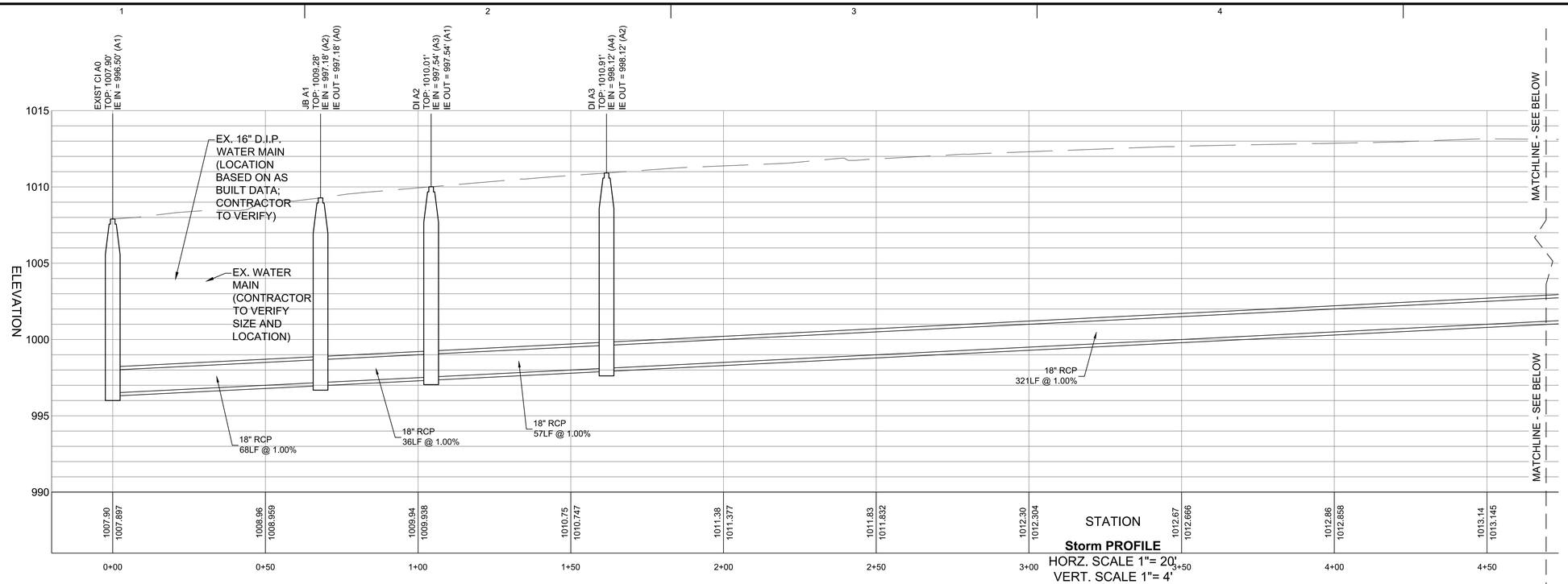
POND PROJECT No.: 1180426

ROWLAND STREET ROAD
DIET AND TRAILHEAD DESIGN

GRADING PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
18-008

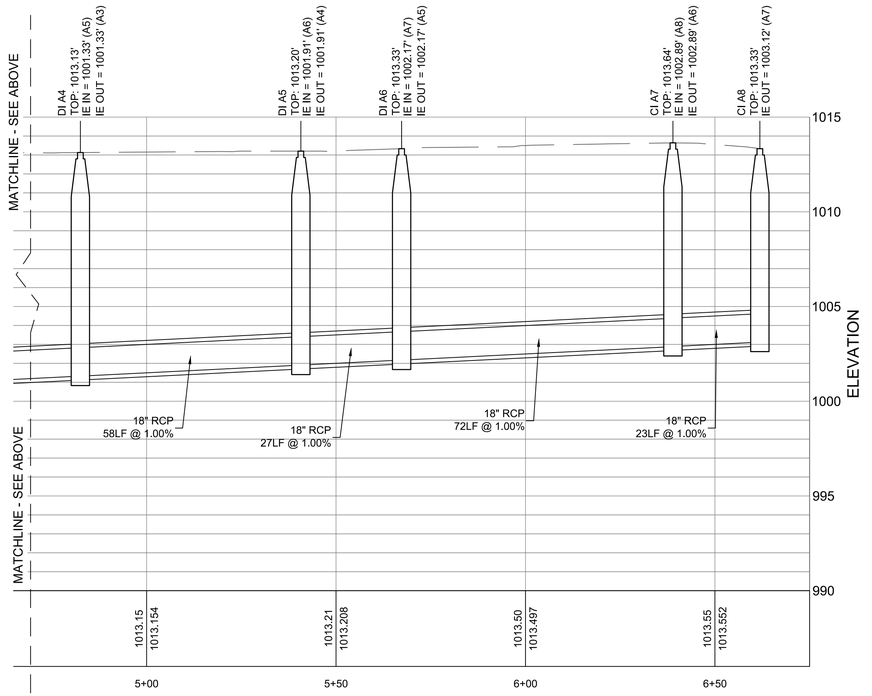
FILE PATH: \\ACP2\SERVER\RESOURCES\PROJECTS\F1\19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\18-001.DWG PLOTTED BY: THOMPSON, SYDNEY



C1 STORM SEWER PROFILES

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'-0"

0 10' 20' 40' 60'



CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NAME: 18-001.dwg
FILE NUMBER: -
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 11/20/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, Suite 940
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

PIPE PROFILES

SHEET IDENTIFICATION NUMBER
22-001

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\18-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 19-004 - STA. 16+00.00
MATCHLINE 19-005 - STA. 16+00.00

MATCHLINE 19-005 - STA. 21+50.00
MATCHLINE 19-006 - STA. 21+50.00

N/F
KRISTINE H. LOHR
TAX ID# 18-096-08-003
DB 10988, PG 701

N/F
THU HA THI NGUYEN
TAX ID# 18-096-09-001
DB 26314, PG 619

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-010
DB 26257, PG 18 (TRACT 9)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-009
DB 26257, PG 18 (TRACT 8)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-008
DB 26869, PG 13

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-007
DB 26257, PG 18 (TRACT 7)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-006
DB 26257, PG 18 (TRACT 6)

N/F
RENITA I. KNIGHT & RUTH P. KNIGHT
TAX ID# 18-096-10-001
DB 11883, PG 743

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-10-002
DB 26609, PG 153

NORTH INDIAN CREEK DRIVE (R/W VARIES)

HARDSCAPE TO BE REMOVED, TYP.

RESET WATER METER TO FINISHED GRADE

HARDSCAPE TO BE REMOVED, TYP.

TREE TO BE REMOVED, TYP.

RESET CLEANOUT TO FINISHED GRADE

CONCRETE SIDEWALK TO BE REMOVED

RESET MANHOLE TO FINISHED GRADE

2-STORY BRICK BUILDING #3865 ROWLAND STREET

CANOPY

GRANITE CURB TO BE REMOVED, TYP.

RESET WATER VALVES TO FINISHED GRADE

ASPHALT TO BE MILLED, TYP.

EXISTING DRIVEWAY TO REMAIN

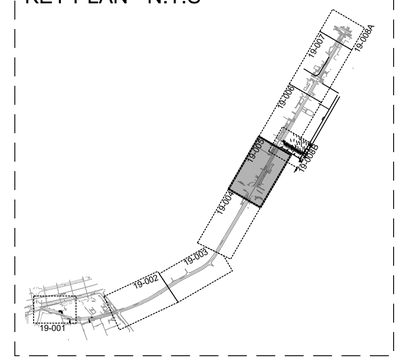
CONCRETE WALK TO BE REMOVED

BEGIN MILLING

END OF ASPHALT MILLING

HILL STREET ENLARGEMENT PLAN — B / 19-008

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\19-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
SUBMITTED BY:
DATE:
CHKD BY: MAW
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 19-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA 30092 SUITE 300
Phone 678.336.7340
Fax 678.336.7744

POND PROJECT No. 1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

DEMOLITION PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
19-005

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-005
DB 26257, PG 18 (TRACT 5)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-003
DB 26257, PG 18 (TRACT 4)

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-001
DB 6739, PG 24 (QCD)
DB 8802, PG 327 (WD)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-16-004
DB 268, PG 334

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-002
(NO DEED OF RECORD FOUND)

MATCHLINE 19-005 - STA. 21+50.00
MATCHLINE 19-006 - STA. 21+50.00

MATCHLINE 19-006 - STA. 27+00.00
MATCHLINE 19-007 - STA. 27+00.00

RESET WATER VALVE TO FINISHED GRADE

RESET GAS METER TO FINISHED GRADE

RESET WATER METER TO FINISHED GRADE

HARDSCAPE TO BE REMOVED, TYP.

ASPHALT DRIVE TO BE REMOVED

RESET WATER METER TO FINISHED GRADE

RESET TELEPHONE POLE TO FINISHED GRADE

CONCRETE STAIRS TO BE DEMOLISHED

RESET SIGN

TREE TO BE REMOVED

SIGN TO BE RELOCATED

HARDSCAPE TO BE REMOVED, TYP.

RESET WATER METERS TO RINISHED GRADE

2-STORY
BRICK BUILDING
#3895 ROWLAND
STREET

2-STORY
BRICK BUILDING
#3919 ROWLAND
STREET

ROWLAND STREET
(40' R/W)

REMOVE SIGN

RESET MANHOLE TO FINISHED GRADE

ASPHALT TO BE MILLED, (TYP.)

RESET SIGN TO FINISHED GRADE

RESET WATER METERS TO FINISHED GRADE

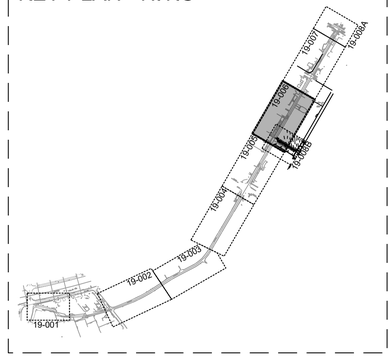
HARDSCAPE TO BE REMOVED, TYP.

CAREFULLY DEMOLISH ASPHALT AROUND TREE TRUNK - ONLY HAND MACHINERY TO BE USED

SEE SHEET XX/XXX FOR HILL STREET INFORMATION

HILL ST.

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 19-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C -
ROWLAND STREET ROAD DIET
TRAILHEAD DESIGN

POND
3500 Parkway Lane,
Peachtree Corners, GA
30092, SUITE 320
Phone: 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11804026

ROWLAND STREET ROAD
DIET AND TRAILHEAD DESIGN

DEMOLITION PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
19-006

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901504.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\19-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 19-006 - STA. 27+00.00
MATCHLINE 19-007 - STA. 27+00.00

MATCHLINE 19-007 - STA. 32+50.00
MATCHLINE 19-008 - STA. 32+50.00

RESET WATER METER TO FINISHED GRADE

EXISTING HARDSCAPE TO BE REMOVED

TREE TO BE REMOVED, TYP.

EXISTING DRIVE TO BE REMOVED

EXISTING DRIVE TO BE REMOVED

ROWLAND ST.

TREE TO BE REMOVED, TYP.

ASPHALT TO BE MILLED, TYP.

EXISTING HARDSCAPE TO BE REMOVED, TYP.

RESET WATER METER TO FINISHED GRADE

ROWLAND STREET
(40' R/W)

MARKET STREET
(R/W VARIES)

1-STORY FRAME BUILDING

1-STORY METAL BUILDING

1-STORY METAL BUILDING

1-STORY BRICK BUILDING #3704 MARKET STREET

N/F
JIMMY R. JOHNSON & LARRY E. GLENN
TAX ID# 18-096-17-007
DB 5335, PG 413

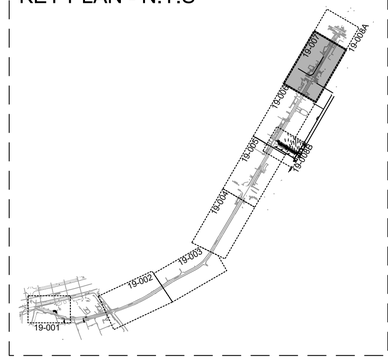
N/F
ZUFAN A. ABRHA
TAX ID# 18-096-17-002
DB 24989, PG 260

N/F
JOHN EDDINGTON, JR. & KAREN FELTZ-EDDINGTON
TAX ID# 18-096-15-001
DB 26824, PG 429

N/F
CITY OF CLARKSTON
TAX ID# 18-096-18-002
DB 24436, PG 287

N/F
GEORGIA POWER COMPANY
TAX ID# 18-096-18-001
DB 2048, PG 579

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 19-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 320
phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

DEMOLITION PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
19-007

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901504.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\19-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 19-007 - STA. 32+50.00
MATCHLINE 19-008 - STA. 32+50.00

N/F
ZEE-SHAN ENTERPRISES UNLIMITED, INC.
TAX ID# 18-096-21-005
DB 10042, PG 309

NORMAN ROAD (R/W VARIES)

ROWLAND STREET (40' R/W)

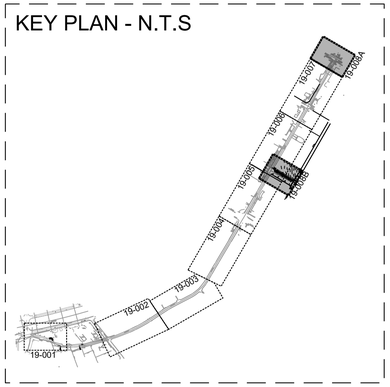
HARDSCAPE TO BE REMOVED, TYP.

N/F
CLARKSTON FIRST BAPTIST CHURCH, INC.
TAX ID# 18-096-20-002
DB 10660, PG 72

A DEMOLITION PLAN
SCALE: 1" = 20'-0"

20 0 20 40
SCALE: 1" = 20'

KEY PLAN - N.T.S



2-STORY
BRICK BUILDING
#3865 ROWLAND
STREET

CANOPY

ASPHALT TO BE MILLED, TYP.

ASPHALT TO BE REMOVED, TYP.

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 26257, PG 18 (TRACT 2)

GRANITE CURB TO REMAIN

HILL ST

ROGERS ST.

SAENGER

B HILL STREET DEMOLITION PLAN
SCALE: 1" = 20'-0"

20 0 20 40
SCALE: 1" = 20'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 19-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 12/04/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 550
Phone: 678.336.7700
Fax: 678.336.7744

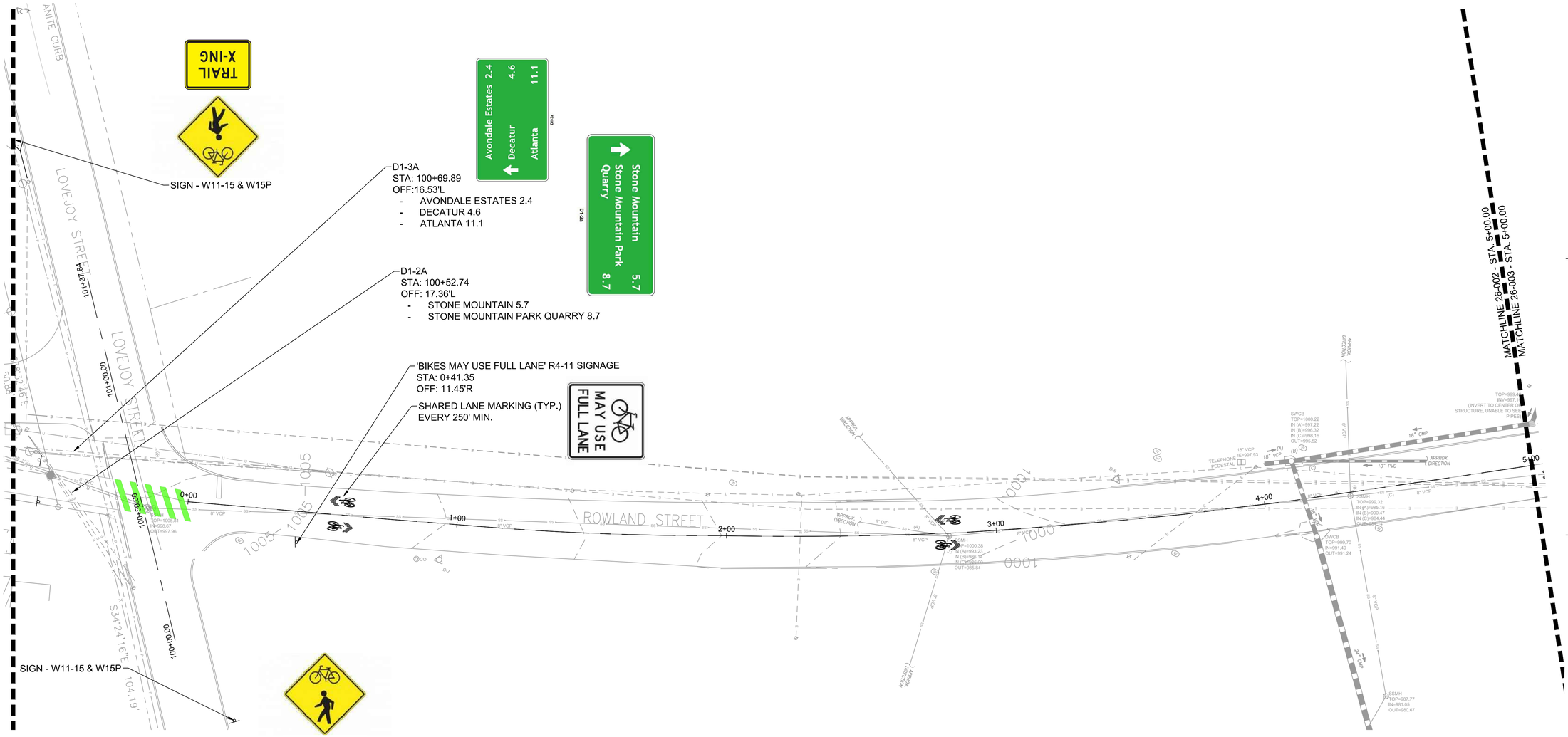
POND PROJECT No.11804226

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

DEMOLITION PLAN - MAINLINE

SHEET IDENTIFICATION NUMBER
19-008

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\19-001.DWG PLOTTED BY: THOMPSON, SYDNEY



FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRAWN BY: SPT
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CKD BY: MAW
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 26-001.dwg
SIZE: 22" x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

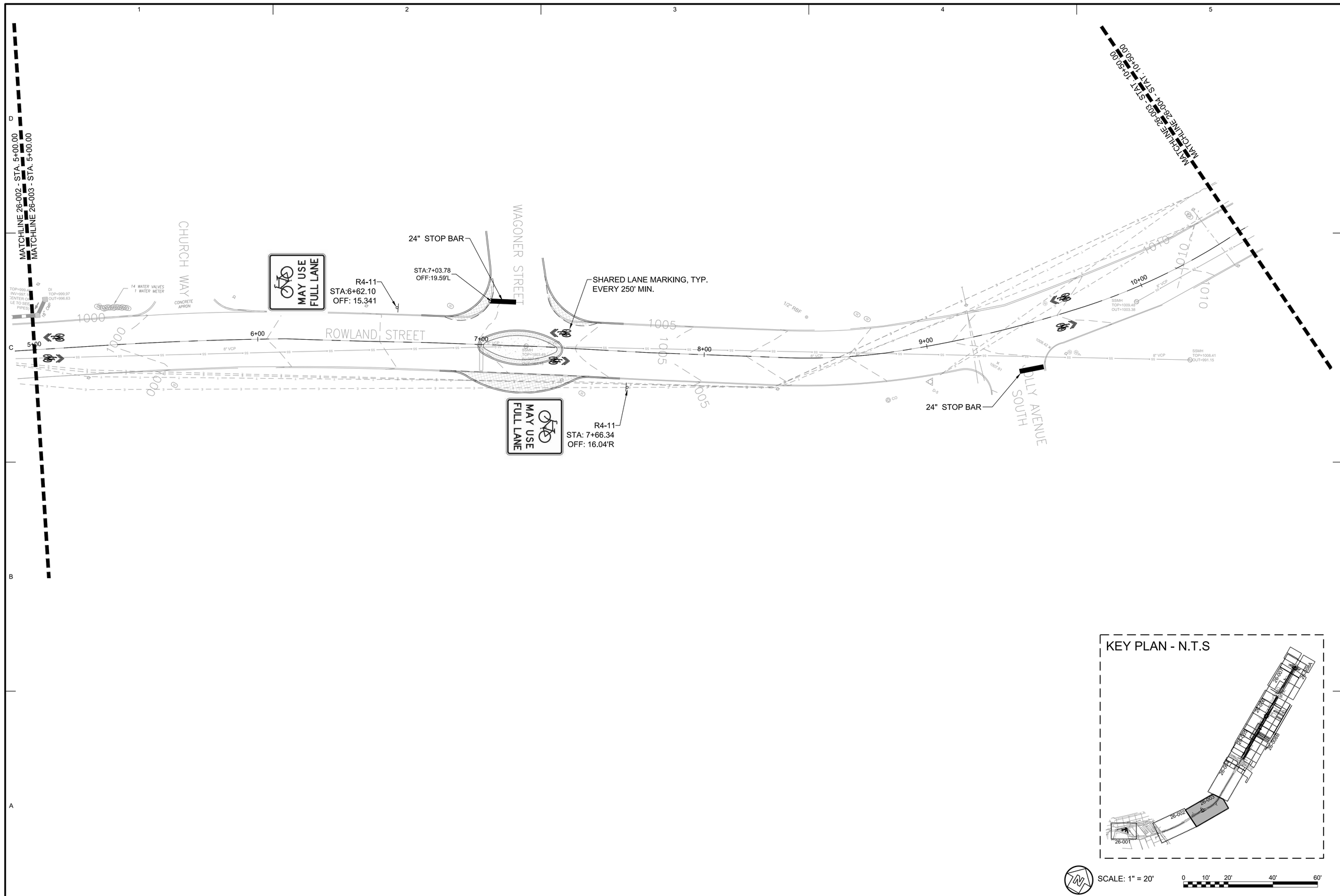
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 320
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER
26-002



KEY PLAN - N.T.S

SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

CITY OF CLARKSTON
where possibilities grow

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 26-001.dwg
SIZE: 22" x 34"
PLOT DATE: 10/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 300
Phone: 678.336.7740
Fax 678.336.7744
POND PROJECT No.: 1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER
26-003

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\PY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 26-003 - STAT. 10+50.00
MATCHLINE 26-004 - STAT. 10+50.00

MATCHLINE 26-004 - STA. 16+00.00
MATCHLINE 26-005 - STA. 16+00.00

SHARED LANE MARKING, TYP.
EVERY 250' MIN.

ROWLAND STREET

11+00 12+00 13+00 14+00 15+00 16+00

1-STORY
FRAME RESIDENCE
1938 ROWLAND STREET

8" VCP

APPROX. DIRECTION

IN=1001.99
OUT=1001.67

CONCRETE DRIVE

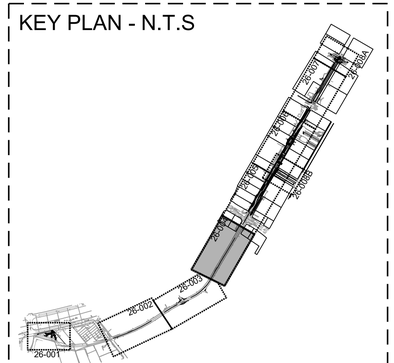
ASPHALT DRIVE

2-WILLOW OAK

2-POPLAR

TA:

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 26-001.dwg
SIZE: 24" x 36"
PLOT SCALE: 1:1
PLOT DATE: 11/02/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 325
Phone: 678.336.7740
Fax: 678.336.7744

POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER
26-004

MATCHLINE 26-004 - STA. 16+00.00
MATCHLINE 26-005 - STA. 16+00.00

N/F
KRISTINE H. LOHR
TAX ID# 18-096-08-003
DB 10988, PG 701

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
ID# 18-096-16-010
6257, PG 18 (TRACT 9)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-009
DB 26257, PG 18 (TRACT 8)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-008
DB 26869, PG 13

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-007
DB 26257, PG 18 (TRACT 7)

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-006
DB 26257, PG 18 (TRACT 6)

MATCHLINE 26-005 - STA. 21+50.00
MATCHLINE 26-006 - STA. 21+50.00

R4-11
STA: 16+23.41
OFF: 15.85'L

MAY USE FULL LANE

5" SOLID WHITE - 4" OFF FACE OF CURB, TYP.

SPEED BUMP AHEAD

2-STORY ~~BRICK~~ BUILDING #3865 ROWLAND STREET

SPEED HUMP AHEAD SIGN
STA: 21+48.78
OFF: 11.37'R

ROWLAND STREET (R/W VARIES)

16+00 17+00 18+00 19+00 20+00 21+00

CUSTOM SIGN - "SHARED STREET AHEAD" WITH SPEED LIMIT 15 MPH BELOW - PROVIDE SUBMITTAL BASED ON IMAGE FOR APPROVAL BY OWNER
STA: 17+38.83
OFF: 26.76'R

SHARED STREET AHEAD
SLOW DOWN
Watch for Pedestrians

CHILDREN CROSSING SIGN TO REMAIN

HILL STREET ENLARGEMENT PLAN — B / 26-008

N/F
THU HA THI NGUYEN
TAX ID# 18-096-09-001
DB 26314, PG 619

NORTH INDIAN CREEK DRIVE (R/W VARIES)

N/F
RENITA I. KNIGHT & RUTH P. KNIGHT
TAX ID# 18-096-10-001
DB 11883, PG 743

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-10-002
DB 26609, PG 153

N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.

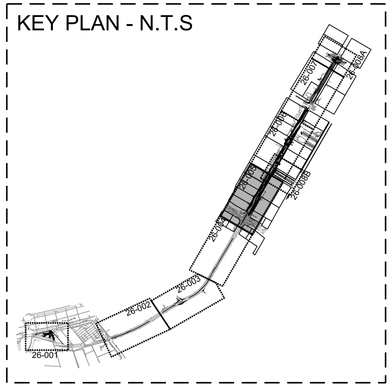
NOTE - FOR ALL PATH SIGNS -
REMOVE BIKE ROUTE ARROW AND REPLACE WITH M6-3



M6-3
Straight Arrow (Auxiliary)

NOTE
ALL EXISTING NO PARKING SIGNS TO REMAIN

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\PY19\119015404\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
SUBMITTED BY:
DATE:
CKD BY: MAW
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 26-001.dwg
SIZE: 22"x 34"
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 300
Phone: 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER
26-005

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-005
DB 26257, PG 18 (TRACT 5)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-16-003
DB 26257, PG 18 (TRACT 4)

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-001
DB 6739, PG 24 (QCD)
DB 8802, PG 327 (WD)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-16-004
DB 268, PG 334

N/F
CITY OF CLARKSTON
TAX ID# 18-096-16-002
DEED OF RECORD FOUND)

MATCHLINE 26-005 - STA. 21+50.00
MATCHLINE 26-006 - STA. 21+50.00

MATCHLINE 26-006 - STA. 27+00.00
MATCHLINE 26-007 - STA. 27+00.00

500 FT

W11-2 WITH W16-2A BELOW
STA: 22+24.93
OFF: 14.98'R

PEDESTRIAN CROSSING
SIGN TO BE REMOVED

INSTALL: 5" SOLID WHITE,
4" FROM FACE OF CURB, TYP.

INSTALL: 8" SOLID WHITE, TYP.
GDOT T-11A, TYP.

SPEED
BUMP
AHEAD

SPEED LIMIT SIGN TO REMAIN
SPEED HUMP AHEAD BELOW
STA: 26+16.22
OFF: 13.75'L

CHURCH PARKING SIGN TO REMAIN

STOP SIGN TO BE REMOVED

2-STORY
BRICK BUILDING
#3895 ROWLAND
STREET

2-STORY
BRICK BUILDING
#3919 ROWLAND
STREET

ROWLAND STREET
(40' R/W)

HILL STREET (80' R/W)

22+00 23+00 24+00 25+00 26+00 27+00

20'

BIKE ROUTE SIGN TO REMAIN

STOP SIGN
R1-1
STA: 22+17.96
OFF: 31.13'R

STOP

SEE SHEET B/38-008 FOR HILL
STREET INFORMATION

RESET SPEED LIMIT SIGN

NO PARKING SIGN TO REMAIN

CUSTOM SIGN "SHARED STREET"
OWNER TO PROVIDE
STA: 25+08.71
OFF: 23.86'R

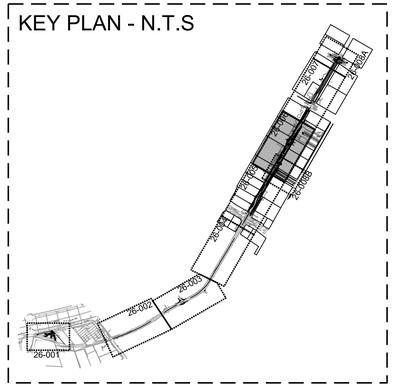
N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 26257, PG 18 (TRACT 2)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-006
DB 26257, PG 18 (TRACT 3)

N/F
THE NORTH AMERICAN MISSION BOARD OF
THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-004
DB 26257, PG 18 (TRACT 1)

N/F
CLARKSTON UNITED METHODIST
TAX ID# 18-096-15-003
DB 3002, PG 292

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\PY19\119015404\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 26-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 10/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C -
ROWLAND STREET ROAD DIET
TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
404.641.7640
Fax 678.336.7744
POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER
26-006

MATCHLINE 26-006 - STA. 27+00.00
MATCHLINE 26-007 - STA. 27+00.00

MATCHLINE 26-007 - STA. 32+50.00
MATCHLINE 26-008 - STA. 32+50.00







R5-3
STA: 28+99.39
OFF: 8.69'L





R1-1
R9-3CP
STA: 28+99.39
OFF: 8.69'L

R3-2 - UNDER EXISTING STOP SIGN
STA: 28+40.43
OFF: 29.06'L

CUSTOM SIGN - SHARED STREET AHEAD
OWNER TO PROVIDE
STA: 28+12.15
OFF: 14.39'L

MARKET STREET (R/W VARIES)

ROWLAND ST.

ROWLAND STREET (40' R/W)

(PEDESTRIAN-ONLY SECTION OF ROWLAND ST.)

27+00 28+00 29+00 30+00 31+00 32+00

1-STORY FRAME BUILDING
1-STORY METAL BUILDING
1-STORY BRICK BUILDING #3704 MARKET STREET
SIDEWALK
ASPHALT
CONCRETE
WOOD FENCE
CHAIN LINK FENCE
8" PVC
SIGN
LOD
1005
1010
1015
1000
995
990

INSTALL: 8" SOLID WHITE, TYP.
GDOT T-11A, TYP.

5" SOLID WHITE - 4" OFF
FACE OF CURB, TYP.

W11-2 WITH W16-2A BELOW



R3-1 - UNDER EXISTING STOP SIGN
STA: 28+80.95
OFF: 30.88'R



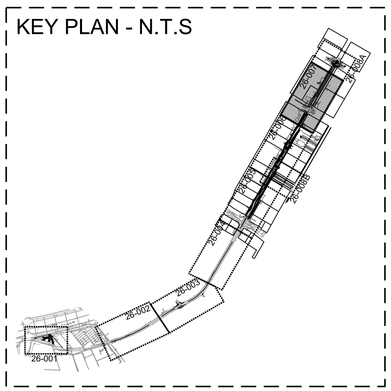
R3-27 - UNDER EXISTING STOP SIGN
STA: 28+45.33
OFF: 15.87'R



SCALE: 1" = 20'

0 10' 20' 40' 60'

KEY PLAN - N.T.S



CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 26-001-0.dwg
SIZE: 22"x 34"
PLOT DATE: 1/25/2021
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 300
Phone: 678.336.7740
Fax 678.336.7744

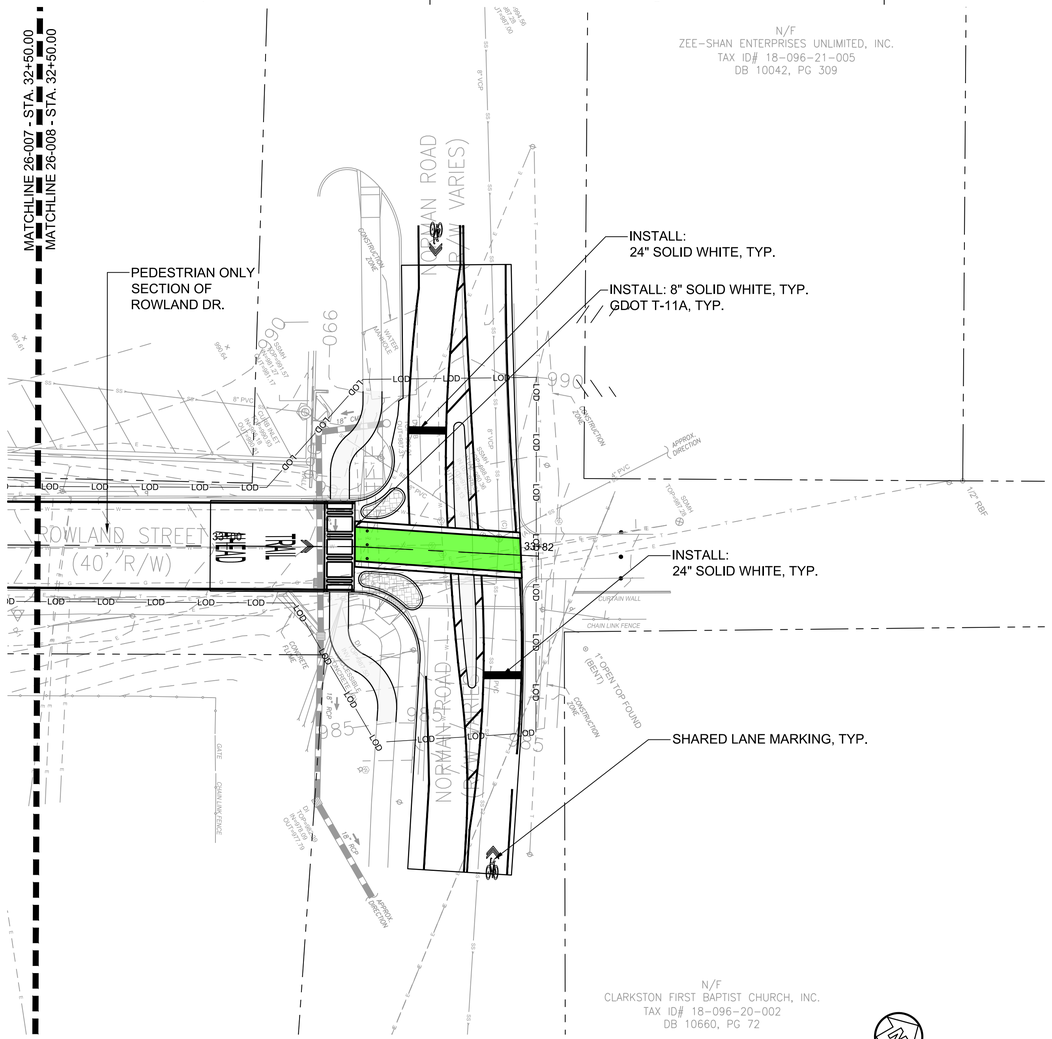
POND PROJECT No.:11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER
26-007

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY



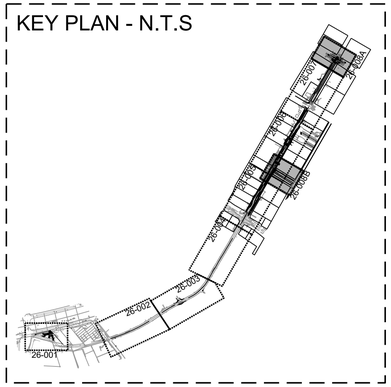
A SITE PLAN

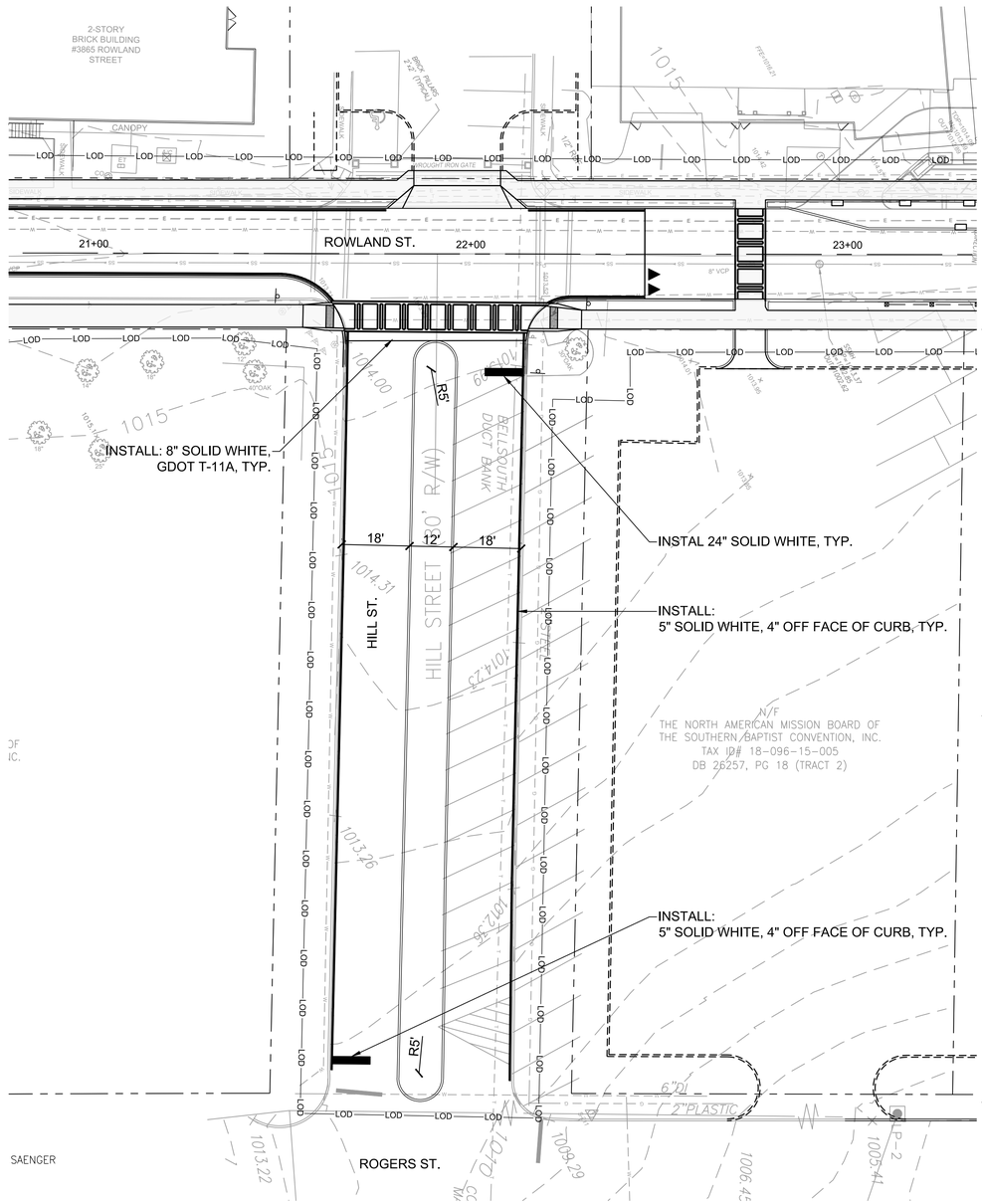
SCALE: 1" = 20'-0"

20 0 20 40

SCALE: 1" = 20'

KEY PLAN - N.T.S





B HILL STREET SITE PLAN

SCALE: 1" = 20'-0"

20 0 20 40

SCALE: 1" = 20'

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154.04 CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\26-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
FILE NAME: 26-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
PLOT DATE: 12/8/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane, Peachtree Corners, GA 30092, Suite E-3270
Phone: 678.336.7640 Fax: 678.336.7744

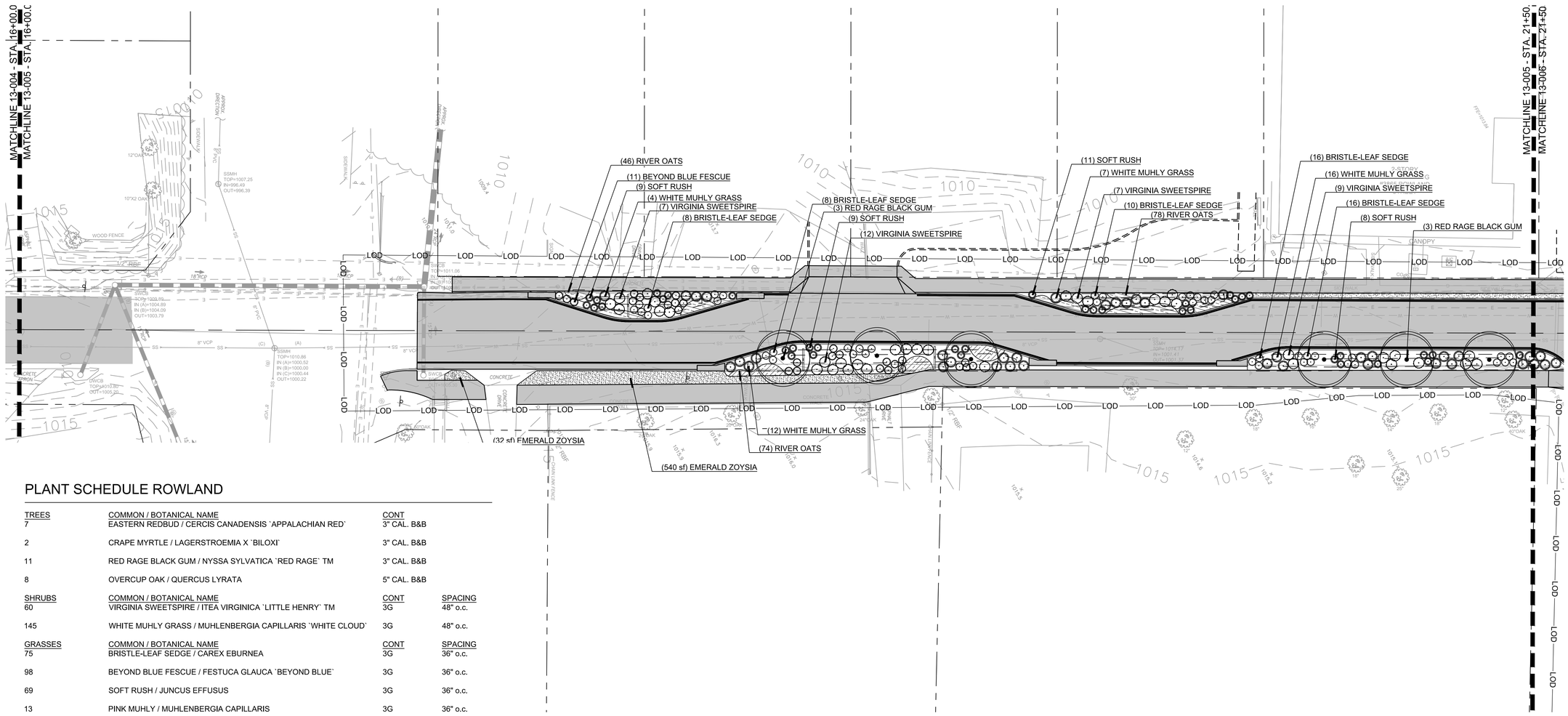
POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SIGNING AND MARKING PLAN AND DETAILS

SHEET IDENTIFICATION NUMBER

26-008



PLANT SCHEDULE ROWLAND

TREES	COMMON / BOTANICAL NAME	CONT
7	EASTERN REDBUD / CERCIS CANADENSIS `APPALACHIAN RED`	3" CAL. B&B
2	CRAPE MYRTLE / LAGERSTROEMIA X `BILOXI`	3" CAL. B&B
11	RED RAGE BLACK GUM / NYSSA SYLVATICA `RED RAGE` TM	3" CAL. B&B
8	OVERCUP OAK / QUERCUS LYRATA	5" CAL. B&B

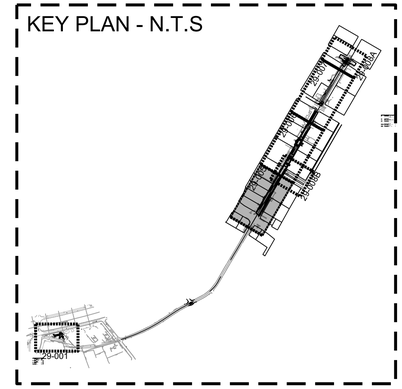
SHRUBS	COMMON / BOTANICAL NAME	CONT	SPACING
60	VIRGINIA SWEETSPIRE / ITEA VIRGINICA `LITTLE HENRY` TM	3G	48" o.c.
145	WHITE MUHLY GRASS / MUHLENBERGIA CAPILLARIS `WHITE CLOUD`	3G	48" o.c.

GRASSES	COMMON / BOTANICAL NAME	CONT	SPACING
75	BRISTLE-LEAF SEDGE / CAREX EBURNEA	3G	36" o.c.
98	BEYOND BLUE FESCUE / FESTUCA GLAUCA `BEYOND BLUE`	3G	36" o.c.
69	SOFT RUSH / JUNCUS EFFUSUS	3G	36" o.c.
13	PINK MUHLY / MUHLENBERGIA CAPILLARIS	3G	36" o.c.

GROUND COVERS	COMMON / BOTANICAL NAME	CONT	SPACING
336	MILKWEED / ASCLEPIAS TUBEROSA 'HELLO YELLOW"	4" POT	18" o.c.
480	RIVER OATS / CHASMANTHIUM LATIFOLIUM	1G	18" o.c.

SOD/SEEDING	COMMON / BOTANICAL NAME	CONT	SPACING
9,112 SF	EMERALD ZOYSIA / ZOYSIA JAPONICA `EMERALD`	SOD	

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

MARK	DESCRIPTION	DATE	APPR
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

SEAL

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.11804026

DESIGNED BY: RBJ
XXX
DWN BY: XBR1
SUBMITTED BY: XXX
CHKD BY: XXAW
FILE NAME: 29-001.dwg
SIZE: 22"x 34"
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
PLOT DATE: 1/29/2020
PLOT SCALE: 1:1

ROWLAND STREET ROAD
DIET AND TRAILHEAD DESIGN

LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
29-005

FILE PATH: X:\FY19\11901540\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\29-001.DWG PLOTTED BY: THOMPSON, SYDNEY

MATCHLINE 13-005 - STA. 21+50.00
MATCHLINE 13-006 - STA. 21+50.00

MATCHLINE 13-006 - STA. 27+00.00
MATCHLINE 13-007 - STA. 27+00.00

(2) CRAPE MYRTLE

(10) BEYOND BLUE FESCUE
(137) MILKWEED
(10) WHITE MUHLY GRASS

(11) WHITE MUHLY GRASS
(9) BEYOND BLUE FESCUE
(106) MILKWEED

(97) RIVER OATS
(6) SOFT RUSH
(12) BEYOND BLUE FESCUE
(12) BRISTLE-LEAF SEDGE
(3) RED RAGE BLACK GUM

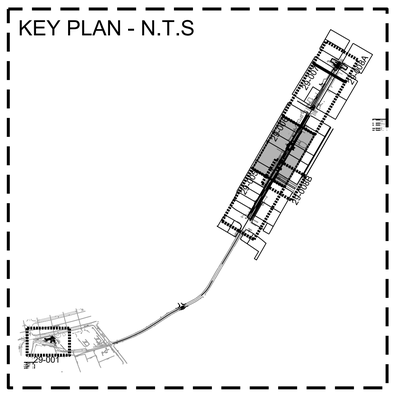
(9) WHITE MUHLY GRASS
(1) EASTERN REDBUD

2-STORY BRICK BUILDING #3895 ROWLAND STREET

2-STORY BRICK BUILDING #3919 ROWLAND STREET

LOD

KEY PLAN - N.T.S



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: X:\EY\91\19015404.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\29-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRAWN BY: XXX
CHK'D BY: XXX
SUBMITTED BY: XXX
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 29-001.dwg
SIZE: 22" x 34"
PLOT DATE: 11/02/2020
SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 320
Phone: 678.336.7740
Fax 678.336.7744

POND PROJECT No.11804426

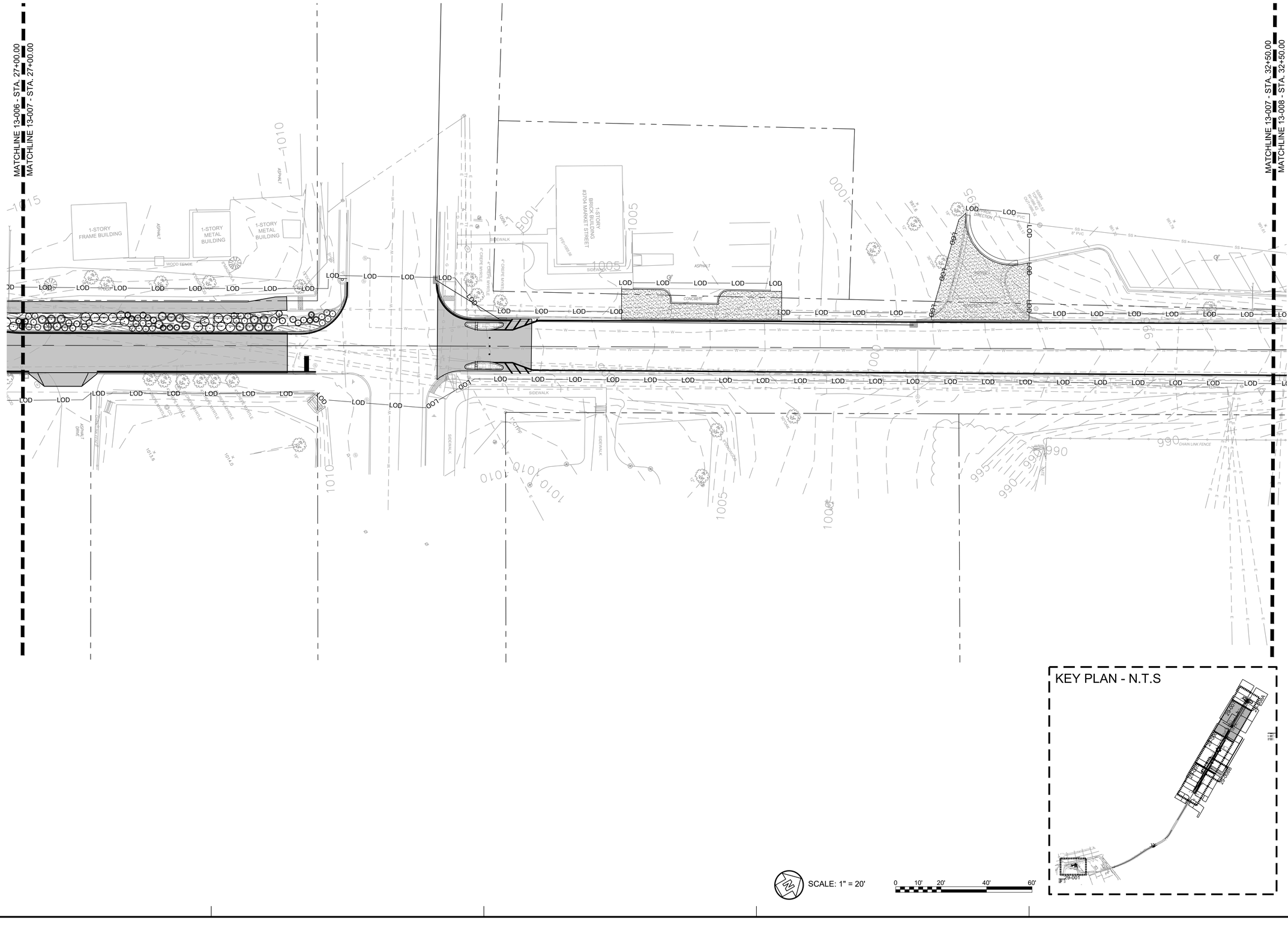
ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
29-006

MATCHLINE 13-006 - STA. 27+00.00
MATCHLINE 13-007 - STA. 27+00.00

MATCHLINE 13-007 - STA. 32+50.00
MATCHLINE 13-008 - STA. 32+50.00



SCALE: 1" = 20'

0 10' 20' 40' 60'

FILE PATH: X:\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\29-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: XXX
CKD BY: XMW
SUBMITTED BY: XXX
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 29-001.dwg
SIZE: 22" x 34"
PLOT DATE: 12/23/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 320
Phone: 678.336.7744
Fax: 678.336.7744

POND PROJECT No.:1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
29-007

MATCHLINE 13-007 - STA. 32+50.00
MATCHLINE 13-008 - STA. 32+50.00

N/F
ZEE-SHAN ENTERPRISES UNLIMITED, INC.
TAX ID# 18-096-21-005
DB 10042, PG 309

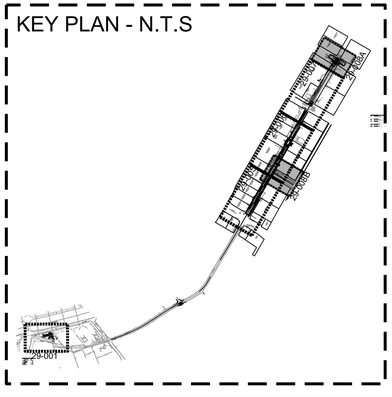
ROWLAND STREET (40' R/W)

N/F
CLARKSTON FIRST BAPTIST CHURCH, INC.
TAX ID# 18-096-20-002
DB 10660, PG 72

A PLANTING PLAN
SCALE: 1" = 20'-0"

SCALE: 1" = 20'

KEY PLAN - N.T.S



N/F
THE NORTH AMERICAN MISSION BOARD OF THE SOUTHERN BAPTIST CONVENTION, INC.
TAX ID# 18-096-15-005
DB 28257, PG 18 (TRACT 2)

EMERALD ZOYSIA
(6,368 sf) SOD

EMERALD ZOYSIA
(1,991 sf) SOD

OVERCUP OAK
(6) 5" Cal. B&B

B PLANTING PLAN
SCALE: 1" = 20'-0"

SCALE: 1" = 20'

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
XXX
DWN BY: XXX
SUBMITTED BY: XXX
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
CKD BY: XXXXV
FILE NAME: 29-001.dwg
SIZE: 22" x 34"
PLOT DATE: 12/8/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 370
Phone: 678.336.7740
Fax: 678.336.7744

POND PROJECT No.:11804226

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

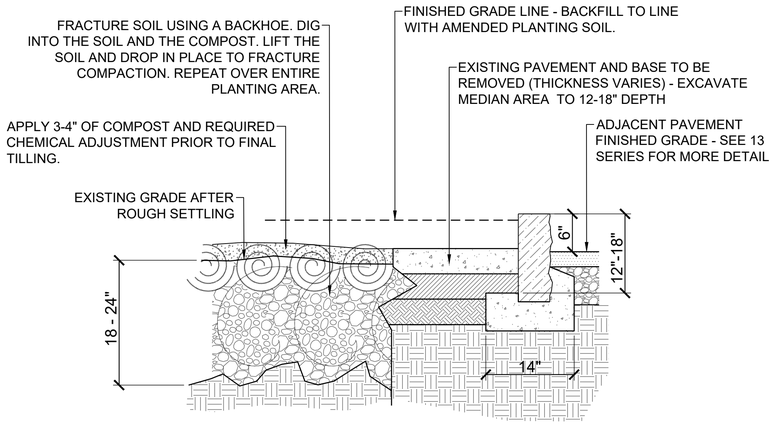
LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
29-008

FILE PATH: X:\FY19\11901541\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\29-001.DWG PLOTTED BY: THOMPSON, SYDNEY

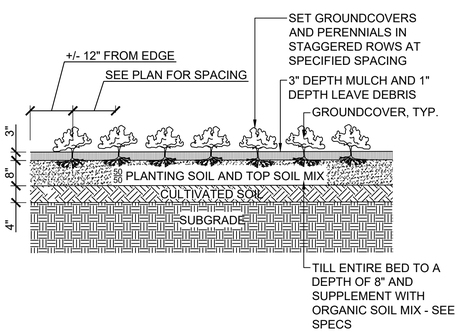
GENERAL TREE PLANTING NOTES:

1) WHEN THE TREE IS MOVED, THE ROOTBALL SHOULD ALWAYS BE SUPPORTED. TREES SHOULD NEVER BE HANDLED BY THE TRUNK.
2) SET TOP OF ROOT BALL A MINIMUM OF 2" ABOVE ADJACENT FINISH GRADE AND MOUND BACKFILL FLUSH WITH TOP OF ROOT BALL.
3) CUT AND BEND BACK TOP AND SIDES OF WIRE BASKET TO A MINIMUM OF 12" BELOW THE TOP OF THE ROOT BALL BEFORE FINAL BACKFILLING OF ROOT BALL.
4) CUT AND REMOVE BURLAP AND TWINE FROM TOP HALF OF BALL AFTER THE BALL HAS BEEN BACKFILLED.
5) REMOVE EXCESS SUBSTRATE/SOIL AND SURFACE ROOTS TO EXPOSE ROOT COLLAR. REMOVE CIRCLING STRUCTURAL ROOTS INTERFERING WITH ROOT COLLAR.
6) SCARIFY ROOT BALL ON ALL SIDES TO ENCOURAGE FEEDER ROOT GROWTH.
7) WATERING BAGS ARE RECOMMENDED FOR NEWLY PLANTED TREES IF SITE IS NOT IRRIGATED.
8) CONFIRM GOOD CENTRAL LEADER; CORRECT CROWN BY PRUNING IF DETERMINED NECESSARY. REMOVE ANY DEAD BRANCHES AND TRIM BROKEN OR CROSSED BRANCHES. NEVER LEAVE V CROTCHES OR DOUBLE LEADERS.

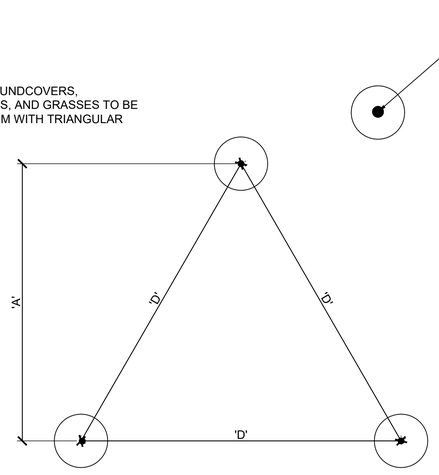


NOTES:
1. BEFORE STARTING SOIL FRACTURING, APPLY 2-3" OF COMPOST OVER EXISTING GRADE
1. FOR PLANTING AREAS NARROWER THAN 8' REDUCE THE DISTANCE BETWEEN PAVING AND SOIL FRACTURING FROM 2' TO 1'.
2. LANDSCAPE BACKFILL TO BE 80% TOPSOIL INCORPORATED WITH 20% CLM BY ITSAULNATURAL OR A MIX OF SAND AND COMPOST. PROVIDE SAMPLE FOR APPROVAL.

B1 LANDSCAPE BACKFILL OVER EXISTING PAVEMENT
SCALE: NTS



NOTE: GROUNDCOVERS, PERENNIALS, AND GRASSES TO BE INSTALLED M WITH TRIANGULAR SPACING.

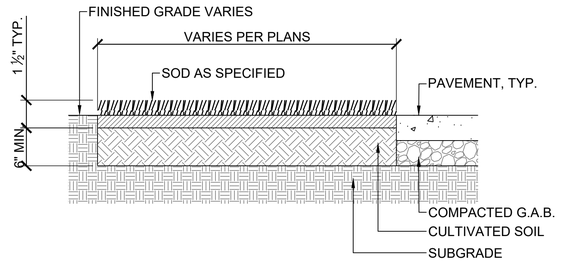


PLANT SPACING ' D '	ROW ' A '
8" O.C.	7.00" O.C.
10" O.C.	8.5" O.C.
12" O.C.	10.5" O.C.
18" O.C.	15.5" O.C.
24" O.C.	21.0" O.C.
36" O.C.	30.0" O.C.
48" O.C.	31.5" O.C.

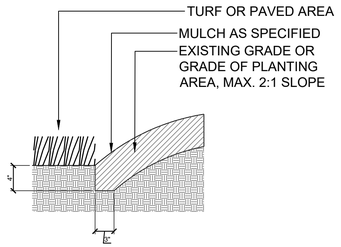
A1 GROUND COVER/PERENNIAL PLANTING DETAIL
SCALE: NTS

SODDING PROCEDURE:

1. THE GENERAL CONTRACTOR WILL PROVIDE GRADES TO +/-TWO TENTHS (0.20) OF A FOOT OF PROPOSED GRADES.
2. INSTALL SOD SO THAT TOP OF SOIL AND ROOT LAYER IS LEVEL WITH TOP OF ANY ADJACENT PAVEMENT.
3. REFER TO DRAWINGS AND SPECIFICATIONS FOR ANY SPECIAL SUBSOILING REQUIREMENTS. AT A MINIMUM, BREAK THROUGH AND REMOVE ALL SUBGRADE SURFACE 'HARDPAN' AND DEBRIS TO ALLOW PERCOLATION AND POSITIVE DRAINAGE.
4. ADD ADDITIVES, SUCH AS TOPSOIL, SAND OR COMPOST (PER SOIL TEST ANALYSIS) AND ROTOTILL INTO SUBGRADE. CULTIVATE ENTIRE AREA TO A MINIMUM DEPTH OF 6". HANDRAKE SMOOTH.
5. WATER AREA TO BE SODDED PRIOR TO LAYING SOD.
6. LAY & ROLL SOD. WATER THOROUGHLY.

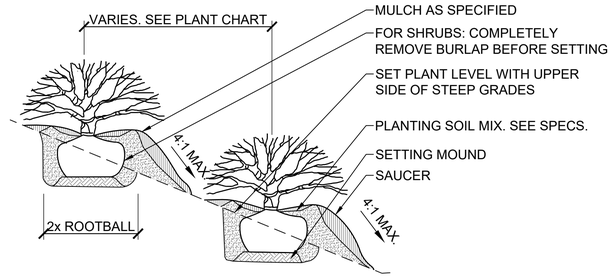


D4 SODDING DETAIL
SCALE: NTS

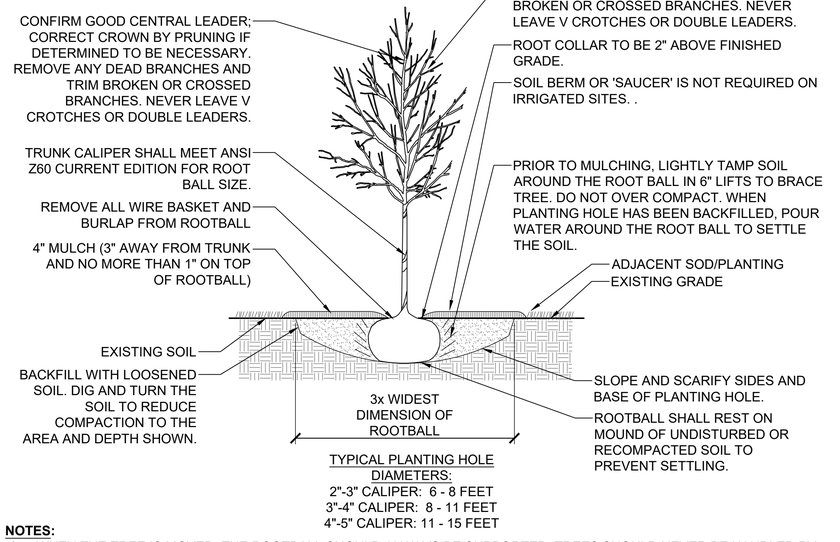


NOTE:
1. TRENCH EDGE DETAIL SHALL BE USED AT ALL LAWN EDGES & AT EDGES OF MULCHED AREAS (FOR CONTAINMENT).
2. TRENCH EDGE SHALL CREATE A CLEAN SEPARATION BETWEEN AREAS; & SHALL CREATE SMOOTH & EVEN LINES (AS INDICATED ON THE PLANS).

C3 EDGING DETAIL
SCALE: NTS



C4 SHURB/GROUNDCOVER PLANTING ON SLOPE
SCALE: NTS



TYPICAL PLANTING HOLE DIAMETERS:
2"-3" CALIPER: 6 - 8 FEET
3"-4" CALIPER: 8 - 11 FEET
4"-5" CALIPER: 11 - 15 FEET

NOTES:
1) WHEN THE TREE IS MOVED, THE ROOTBALL SHOULD ALWAYS BE SUPPORTED. TREES SHOULD NEVER BE HANDLED BY THE TRUNK.
2) SET TOP OF ROOT BALL AT ADJACENT FINISH GRADE AND MOUND BACKFILL TO A 4" BERM AROUND ROOTBALL PERIPHERY.
3) REMOVE ALL STRAPS AND NON-BIODEGRADABLE MATERIAL; CUT AND BEND BACK TOP AND SIDES OF WIRE BASKET TO A MINIMUM OF 12" BELOW THE TOP OF THE ROOT BALL BEFORE FINAL BACKFILLING OF ROOT BALL.
4) CUT AND REMOVE BURLAP AND TWINE FROM TOP HALF OF BALL AFTER THE BALL HAS BEEN BACKFILLED.
5) IF TREE IS TO BE PLANTED IN AN AREA OF MODIFIED OR POORLY DRAINED SOIL, REFER TO DETAILS FOR THAT SPECIFIC CONDITION. IF SUCH CONDITIONS ARE NOTED IN THE FIELD NOTIFY DESIGN PROFESSIONAL BEFORE PLANTING.

A4 BALLED AND BURLAPPED TREE PLANTING DETAIL
SCALE: NTS

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRAWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 29-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

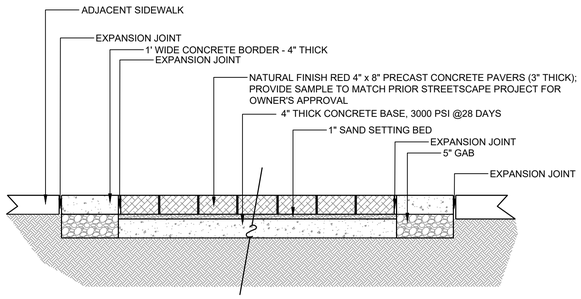
POND
3500 Parkway Lane
Peachtree Corners, GA 30092, Suite 275
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.11804026

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

LANDSCAPE DETAILS

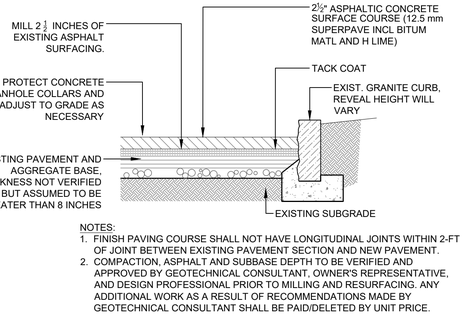
SHEET IDENTIFICATION NUMBER
29-009

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901541\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\29-001.DWG PLOTTED BY: THOMPSON, SYDNEY



D1 CONCRETE PAVERS

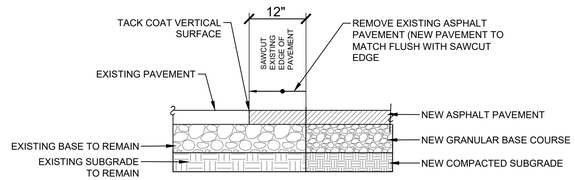
SCALE: NTS



NOTES:
1. FINISH PAVING COURSE SHALL NOT HAVE LONGITUDINAL JOINTS WITHIN 2-FT OF JOINT BETWEEN EXISTING PAVEMENT SECTION AND NEW PAVEMENT.
2. COMPACTION, ASPHALT AND SUBBASE DEPTH TO BE VERIFIED AND APPROVED BY GEOTECHNICAL CONSULTANT, OWNER'S REPRESENTATIVE, AND DESIGN PROFESSIONAL PRIOR TO MILLING AND RESURFACING. ANY ADDITIONAL WORK AS A RESULT OF RECOMMENDATIONS MADE BY GEOTECHNICAL CONSULTANT SHALL BE PAID/DELETED BY UNIT PRICE.

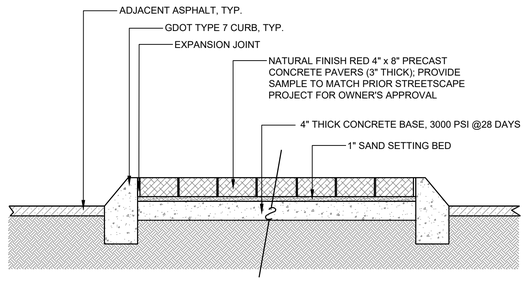
B1 ASPHALT MILLING AND OVERLAY

SCALE: NTS



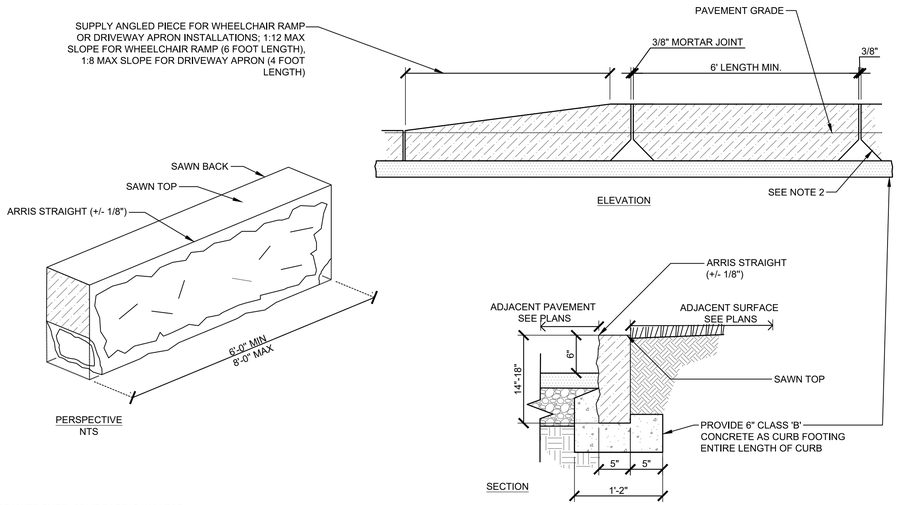
B2 TIE NEW ASPHALT INTO EXISTING ASPHALT PAVING

SCALE: NTS



B3 CONCRETE PAVER MEDIAN

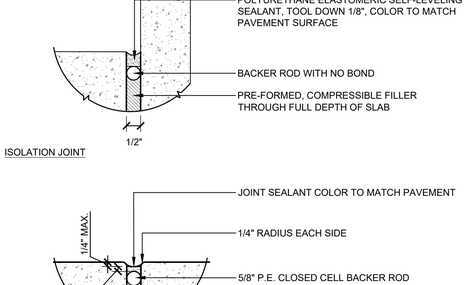
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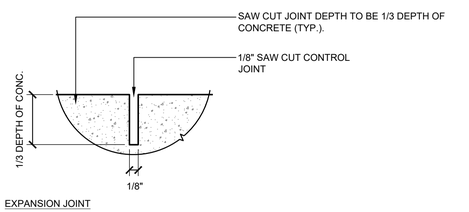


NOTES:
1. GRADE A GRANITE CURB, SPLIT FACE, SAWN TOP.
2. CURB ENDS MAY BREAK BACK NOT OVER 6" AFTER FIRST 8" FROM THE TOP.
3. PROJECTION IN BACK NOT TO EXCEED A BATTER OF 3" IN 12". JOINT OFF TO 1/4".
4. CURB SEGMENTS SHALL BE A MINIMUM OF 6 FEET LONG, UNLESS USED FOR PLANTERS, AS DIMENSIONED ON PLANS OR OTHERWISE APPROVED BY DESIGN PROFESSIONAL.
5. SEE SPECS FOR JOINT MATERIAL, TYP. JOINT FILLER SHALL BE A HOT-POURED, ELASTIC-TYPE SEALANT CONFORMING TO AASHTO M 173.
6. JOINT MORTAR SHALL CONSIST OF ONE (1) PART MASONRY CEMENT AND TWO (2) PARTS FINE AGGREGATE BY VOLUME. THE MORTAR SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2,100 POUNDS PER SQUARE INCH (PSI) WHEN TESTED IN ACCORDANCE WITH AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) C 780. THE MORTAR SHALL HAVE AN AIR CONTENT OF 15 ± 3 PERCENT WHEN TESTED IN ACCORDANCE WITH AASHTO T 152 OR AASHTO T 199.

B1 GRANITE CURB

SCALE: NTS

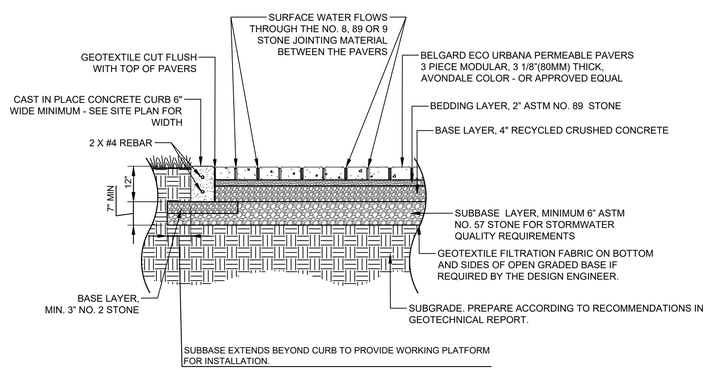




NOTES:
1. FOR ALL JOINT WIDTHS SEE CONTRACTOR DELEGATED DESIGN SUBMITTALS.
2. POLYURETHANE ELASTOMERIC SELF-LEVELING SEALANT, TOOL DOWN 1/8", COLOR TO MATCH PAVEMENT SURFACE.
3. LOCATE EXPANSION JOINTS EVERY 30' MAX. AND AT ALL SIDEWALK JUNCTIONS WITH CURBS, STRUCTURES, AND OTHER SIDEWALKS.
4. LOCATE CONTROL JOINTS AS SHOWN ON SITE PLAN. SUBSTITUTE CONSTRUCTION JOINT AT CONTROL JOINT LOCATION WHERE REQUIRED.

A4 CONCRETE JOINT DETAILS

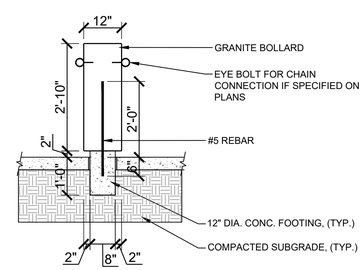
SCALE: NTS



DESIGN NOTES:
1. DEPTH OF SUBBASE SUBJECT TO SITE SPECIFIC HYDRAULIC AND STRUCTURAL REQUIREMENTS. CONTACT BELGARD COMMERCIAL FOR DESIGN ASSISTANCE.
2. PAVER DIMENSIONS SUBJECT TO ASPECT AND PLAN RATIO REQUIREMENTS BASED ON TRAFFIC LOADING.
3. GEOTECHNICAL ENGINEER NEEDS TO BALANCE STRUCTURAL STABILITY AND SOIL INFILTRATION WHEN RECOMMENDING SUBGRADE CONDITIONS.
4. WHERE THE FILTRATION GEOTEXTILE IS USED, VERIFY WITH THE MANUFACTURER THAT THE MATERIAL IS NOT SUBJECT TO CLOGGING AND MEETS REQUIREMENTS OF AASHTO M-288.
5. ASTM NO. 2 STONE MAY BE SUBSTITUTED WITH NO. 3 OR NO. 4 STONE.
6. STRICTLY PEDESTRIAN APPLICATIONS MAY SUBSTITUTE BASE/SUBBASE LAYERS WITH ONE 6" BASE LAYER OF ASTM NO. 57 STONE.

A1 PERVIOUS CONCRETE PAVERS

SCALE: NTS



NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO CONSTRUCTION PROJECT MANAGER FOR APPROVAL PRIOR TO CONSTRUCTION.

A3 GRANITE BOLLARD

SCALE: NTS

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
FILE NAME: 38-001.dwg
SIZE: 22" x 34"
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
PLOT SCALE: 1:1
PLOT DATE: 10/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092-2825
Phone 678.336.7740
Fax 678.336.7744

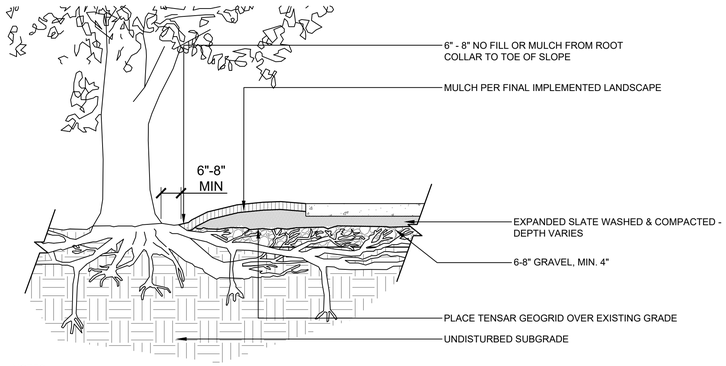
POND PROJECT No. 11804226

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SITE CONSTRUCTION DETAILS

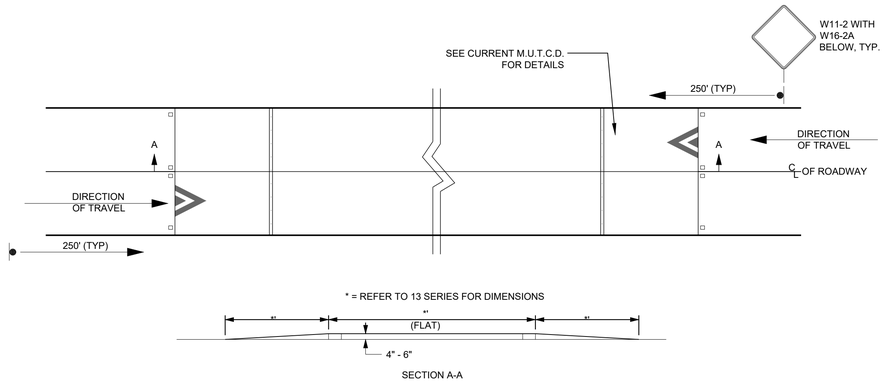
SHEET IDENTIFICATION NUMBER
38-001

FILE PATH: \\ACPSSERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY



NOTES:
1. NO COMPACTION OF EXISTING GRADE SHALL OCCUR WITHIN THE CRZ OF TREES BEING PRESERVED.
2. SOIL CUTS AND/OR ROOTS DISTURBANCE SHALL ONLY OCCUR UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST.
3. IF EXISTING GRADE IS GREATER THAN 5% SLOPE, LOW RETAINING WALL MAY BE NECESSARY REQUIRED TO HOLD MATERIAL IN PLACE.

C1 ROOT BRIDGING
SCALE: NTS



SECTION A-A

NOTES:
1. SPEED TABLES MAY BE CONSTRUCTED USING ASPHALT OR CONCRETE, PER COUNTY TRAFFIC ENGINEER.

A. CONCRETE CONSTRUCTION:
1. CONSTRUCT SPEED TABLES USING 3000 PSI HIGH/EARLY CONCRETE REINFORCED WITH #3 BARS AT 12" C. TO C. BOTH WAYS, OR 6 X 6 -W2.9 X W2.9 WELDED WIRE FABRIC OR 4 X 4 - W2.0 X W2.0 WELDED WIRE FABRIC.
2. CONCRETE WILL BE COLORED AND TOP STAMPED WITH TEXTURE PER PLANS AND SPECS

B. ASPHALT CONSTRUCTION:
1. CONSTRUCT SPEED TABLES USING ASPHALTIC CONCRETE 12.5 MM SUPERPAVE IN ACCORDANCE WITH SECTION 402 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CURRENT EDITION.
2. APPLY TACK COAT AT A RATE OF 0.04 TO 0.06 GALLONS PER SQUARE YARD IN ACCORDANCE WITH SECTION 413 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CURRENT EDITION, OR AS DIRECTED BY ENGINEER.
3. APPLY PAVEMENT MARKINGS USING WHITE THERMOPLASTIC 0.090 INCHES IN THICKNESS IN ACCORDANCE WITH SECTION 653 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CURRENT EDITION.

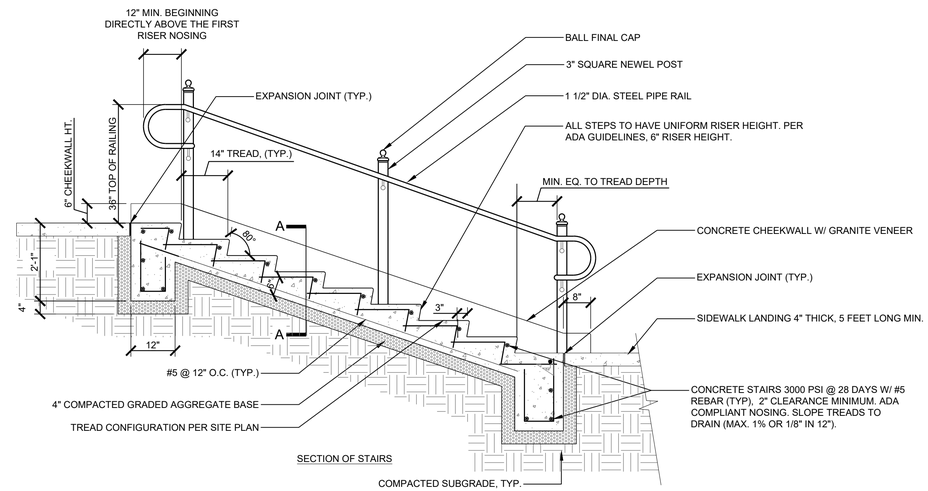
A. APPLY RAISED PAVEMENT MARKERS, IP 11 (YELLOW/YELLOW) (CENTERLINE) AND TP 13 (CLEAR/RED) (EDGE OF PAVEMENT), USING HEATED BITUMINOUS ADHESIVE IN ACCORDANCE WITH SECTION 868 OF THE GEORGIA DOT SPECIAL SHELF PROVISION SPECIFICATIONS, CURRENT EDITION.

4. SEE SIGN INSTALLATION DETAIL.

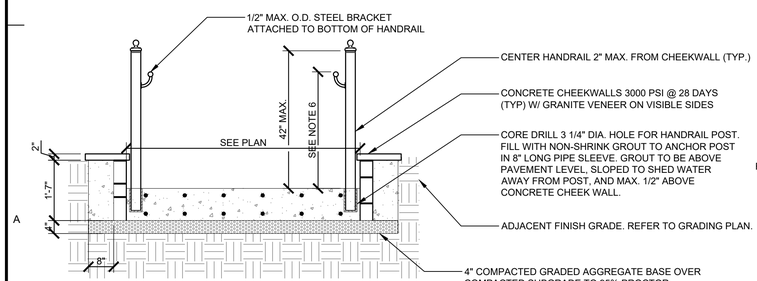
C3 SPEED TABLE DETAIL
SCALE: NTS

CONCRETE STAIR NOTES:
1. TREAD LENGTH AND RISER HEIGHT CAN BE FIELD ADJUSTED WITH APPROVAL FROM THE DESIGN PROFESSIONAL.
2. REFER TO SITE LAYOUT PLAN FOR TOTAL NUMBER OF TREADS AND RISERS.
3. CONCRETE STAIRS TO HAVE LIGHT BROOM FINISH.

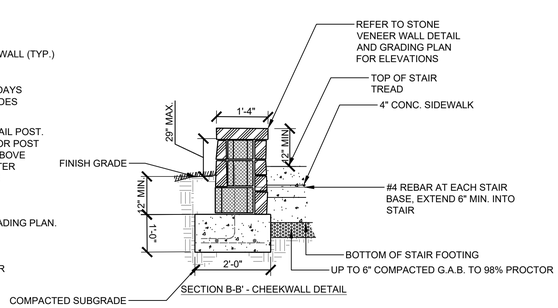
HANDRAIL NOTES:
4. COAT ALL STEEL IN ACRYLIC METAL PRIMER AND FINISH PAINT (BLACK). PROVIDE SUBMITTAL FOR APPROVAL TO DESIGN PROFESSIONAL.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR COMPLETE HANDRAIL CONSTRUCTION AND INSTALLATION.
6. ALL HANDRAILS ARE 36" TYP. HEIGHT (34" MIN./38" MAX.) TO TOP OF RAIL.
7. ALL RAILS TO COMPLY WITH CURRENT ADA REQUIREMENTS.
8. GRIND ALL WELDS SMOOTH WITH NO BARBS.
9. PROVIDE INTERMEDIATE POSTS SPACED 4' O.C. MAX. SPACE FOR UNIFORM APPEARANCE. POST SHALL BE MOUNTED TO RAIL WITH BRACKET TO MAINTAIN GRASPABILTY OF HANDRAIL PER I.B.C. SECTION 1012.4 (SEE ELEVATION).
10. TOP OF GROUT FOR POSTS TO BE ABOVE PAVEMENT LEVEL AND SLOPED TO SHED WATER AWAY FROM POST.



SECTION OF STAIRS



SECTION A-A OF CHEEKWALL



SECTION B-B' - CHEEKWALL DETAIL

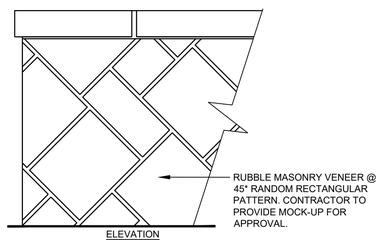
A1 CONCRETE STAIRS WITH HANDRAIL
SCALE: NTS



PRECEDENT IMAGE FOR VENEER PATTERN

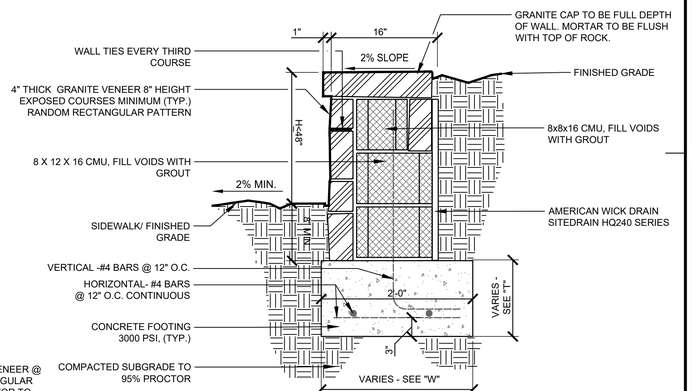
HEIGHT OF WALL "H"	THICKNESS OF FOOTING "T"	WIDTH OF FOOTING "W"
<30"	12"	24"
31"-42"	12"	3'-4"
43"-48"	16"	4'-6"
>48"	REQUIRES P.E. DESIGN	

HEIGHT CHART FOR CMU MASONRY WALL



ELEVATION

GENERAL NOTES FOR RETAINING WALLS:
1. CONTRACTOR MAY USE P.I.P. CONCRETE 8" THICK IN LIEU OF CMU BLOCK. ADD HORIZONTAL #4 BARS 12" O.C.
5. CONCRETE TO BE 3000 PSI.
6. SUBMIT SAMPLE OF GRANITE VENEER FOR APPROVAL BY OWNER'S REPRESENTATIVE.
7. STONE LAID IN PORTLAND CEMENT (3 PARTS SAND TO ONE PART CEMENT).
8. WEEPHOLE PIPES ARE TO BE ONE CONTINUOUS LENGTH, OR BELL AND SPIGOT WITH MORTAR JOINTS.
9. WEEPHOLE PIPES TO BE PLACED AT SAME HEIGHT (6" ABOVE SIDEWALK) ALONG WALL. SET PIPE PRIOR TO INSTALLING GRANITE.
10. WEEPHOLES TO BE PROVIDED ONLY IF A FOUNDATION DRAIN IS NOT PROVIDED
11. MINIMUM BEARING CAPACITY SHALL BE 3000 PSF.
12. MORTAR JOINTS TO BE 3/4" MAXIMUM ON AVERAGE.
13. COMPACTION AND SUBBASE DEPTH TO BE VERIFIED AND APPROVED BY GEOTECHNICAL CONSULTANT. FOR BID PURPOSES ASSUME INSTALLATION OF SUBBASE INDICATED ON DRAWINGS. ANY ADDITIONAL WORK AS A RESULT OF RECOMMENDATIONS MADE BY GEOTECHNICAL CONSULTANT SHALL BE PAID/DELETED BY UNIT PRICE.
14. MINIMUM STONE SIZE 6", MAXIMUM STONE SIZE 16"



SECTION

CMU W/ GRANITE VENEER RETAINING WALL
N.T.S.

A3 GRANITE RETAINING WALL
SCALE: NTS

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 38-001.dwg
PLOT SCALE: 1:1
PLOT DATE: 10/20/2020
SIZE: 22" X 34"

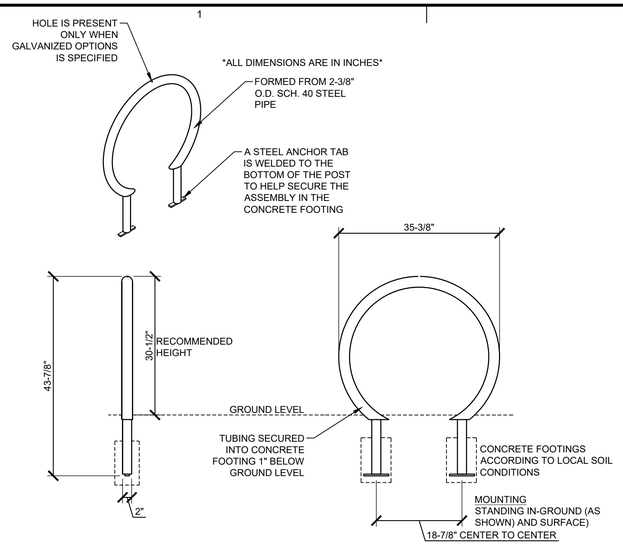
CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092-2801
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11804268

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SITE CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
38-002



AVAILABLE OPTIONS:

POWDER COATING

10 AVAILABLE COLORS, 2 OPTIONAL METALLIC COLORS,
CUSTOM COLORS (INCLUDING THE RAL RANGE AT AN ADDITIONAL COST)
(ALL POWDER COAT FINISHES ARE DONE AT VICTOR STANLEY, INC. (VSI) TO MATCH THE VSI PRODUCT LINE)
OTHER FINISHES: GALVANIZED (SPECIAL QUOTE NEEDED)

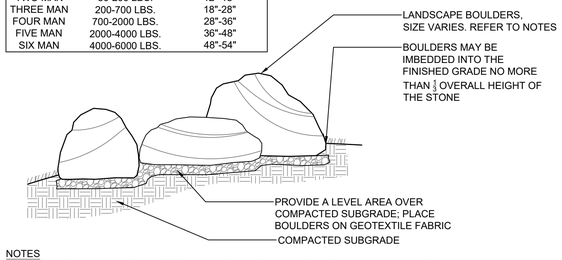
NOTES:

1. DRAWINGS NOT TO SCALE - DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED AND ELECTROSTATICALLY POWDER-COATED WITH TGIC POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED AND COATED WHILTE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MIL (200-250 MICRONS).
3. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. FOR HIGH SALT ABUSIVE CLIMATES, HOT DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. SEE WRITTEN SPECS FOR DETAILS.
5. ALL SEPCIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
6. THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

B1 BIKE RACK INSTALLATION DETAIL - BRHS-101

SCALE: NTS - CYCLE SENTRY SERIES

ROCK SIZE	ROCK WEIGHT	ROCK SIZE
HALF MAN	25-50 LBS.	6"-12"
TWO MAN	50-200 LBS.	12"-18"
THREE MAN	200-700 LBS.	18"-28"
FOUR MAN	700-2000 LBS.	28"-36"
FIVE MAN	2000-4000 LBS.	36"-48"
SIX MAN	4000-6000 LBS.	48"-54"



NOTES

1. BOULDERS MAY BE TENNESSEE FIELDSTONE OR GRANITE, WITH ROUNDED EDGES INDICATING A WEATHERED APPEARANCE. EXPOSED FACES MAY NOT BE SPLITFACED OR WORKED TO ACHIEVE A WEATHERED LOOK.
2. BOULDER WEIGHTS AND SIZES ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING PHOTOGRAPHS INDICATED OR SAMPLES ON SITE FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE.
3. COORDINATE PLACEMENT OF ALL BOULDERS WITH OWNER'S REPRESENTATIVE. PLACEMENT SHALL BE IN A MORE OR LESS RANDOM PATTERN TO APPROXIMATE "NATURAL" ROCK OUTCROPPINGS.
4. AREAS TO RECEIVE BOULDERS SHALL BE FREE OF DEBRIS OR OTHER OBJECTIONABLE MATERIAL, AND PLACED ON A COMPACTED GRAVEL LEVELING PAD.

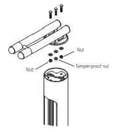
A1 BOULDER DETAIL

SCALE: NTS

FIXIT

Installation Instructions

5

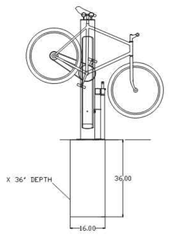


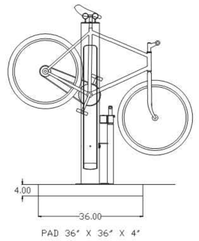
Place the bike hanger in the desired position on top of the Fixit upright and attach with carriage bolts, washers and nuts. **Apply the tamper-proof nut to center bolt to secure tools.**

If you would like us to add your station to our online map, email the station's geocoordinates to web@dero.com. These coordinates can be obtained by simply clicking a point on a Google Map.

http://www.dero.com/fixitmap/fixitmap.html







Pad recommendations for pouring along trail

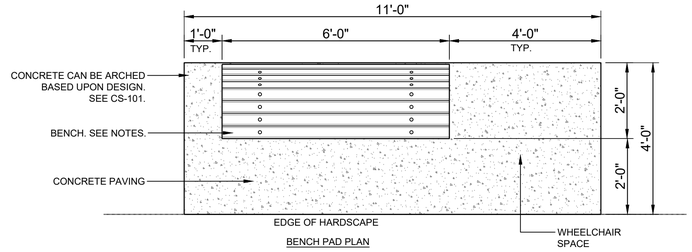
DERO a PLAYCORE Company

www.dero.com | 1-888-337-6729

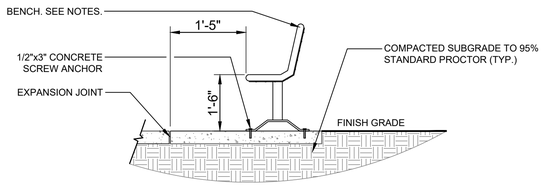
© 2018 Dero

B2 BIKE REPAIR STATION

SCALE: NTS



BENCH PAD PLAN



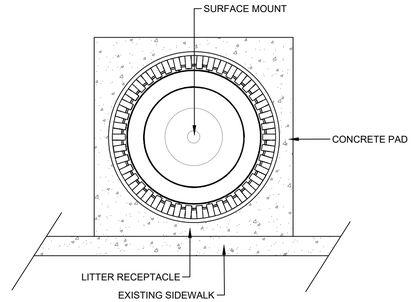
BENCH - SECTION

NOTES:

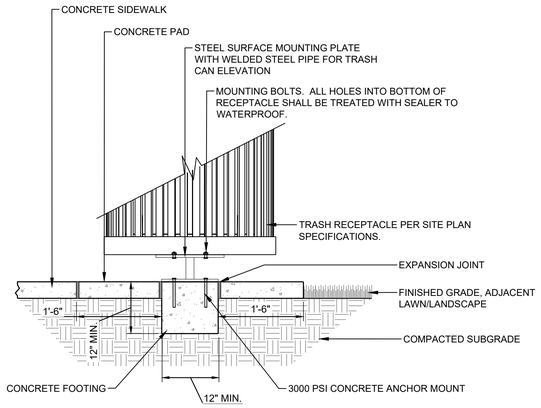
1. BENCH PADS SHALL BE LEVEL.
2. LOCATE PADS AND BENCHES AS INDICATED ON SITE PLANS.
3. CONTRACTOR TO MARK BENCH AND PAD LOCATIONS IN FIELD FOR VERIFICATION AND APPROVAL BY OWNER OR OWNER REPRESENTATIVE PRIOR TO INSTALLATION.
4. CONTRACTOR REQUIRED TO INSTALL A BENCH PAD FOR EVERY BENCH ON SITE.
5. BENCH TO BE VICTOR STANLEY MODEL #CR-18 CITY SITES SERIES (6' LONG - BLACK) OR APPROVED ALTERNATE. ALTERNATE MUST BE SUBMITTED PRIOR TO BID.

A2 BENCH ON CONCRETE PAD

SCALE: NTS



PLAN VIEW

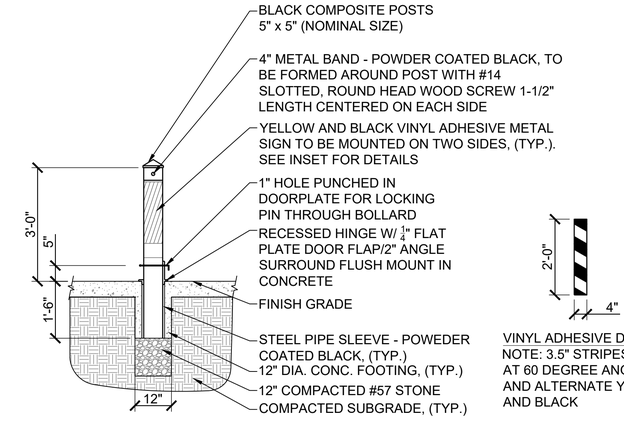


SECTION ELEVATION

NOTE: ELEVATED SURFACE MOUNT IS TO SHOW DESIGN INTENT ONLY. CONTRACTOR TO PROVIDE MANUFACTURING SOURCE OR SHOP DRAWINGS FOR APPROVAL TO OWNER'S REPRESENTATIVE.

B4 TRASHCAN MOUNTING DETAIL

SCALE: NTS



VINYL ADHESIVE DETAIL
NOTE: 3.5" STRIPES TO BE AT 60 DEGREE ANGLE AND ALTERNATE YELLOW AND BLACK

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO CONSTRUCTION PROJECT MANAGER FOR APPROVAL PRIOR TO CONSTRUCTION.
2. ALL METAL TO BE ALUMINUM UNLESS OTHERWISE SPECIFIED AND POWER-COATED BLACK

A4 REMOVABLE STEEL BOLLARD

SCALE: NTS

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 38-001.dwg
SCALE: 22" x 34" 1:1
PLOT DATE: 10/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 550
Phone 678.336.7740
Fax 678.336.7744

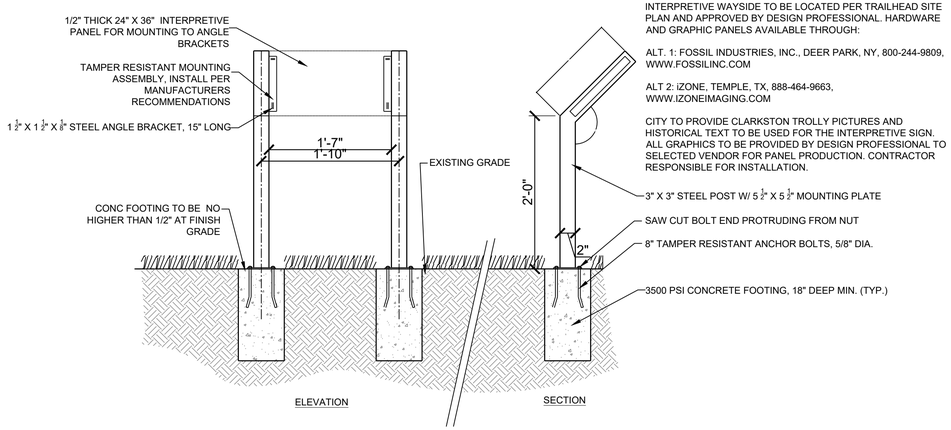
POND PROJECT No.:1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SITE CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
38-003

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY



NOTE:

INTERPRETIVE WAYSIDE TO BE LOCATED PER TRAILHEAD SITE PLAN AND APPROVED BY DESIGN PROFESSIONAL. HARDWARE AND GRAPHIC PANELS AVAILABLE THROUGH:

ALT. 1: FOSSIL INDUSTRIES, INC., DEER PARK, NY, 800-244-9809, WWW.FOSSILINC.COM

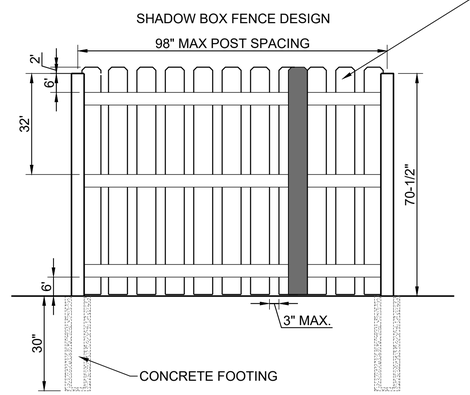
ALT 2: iZONE, TEMPLE, TX, 888-464-9663, WWW.IZONEIMAGING.COM

CITY TO PROVIDE CLARKSTON TROLLY PICTURES AND HISTORICAL TEXT TO BE USED FOR THE INTERPRETIVE SIGN. ALL GRAPHICS TO BE PROVIDED BY DESIGN PROFESSIONAL TO SELECTED VENDOR FOR PANEL PRODUCTION. CONTRACTOR RESPONSIBLE FOR INSTALLATION.

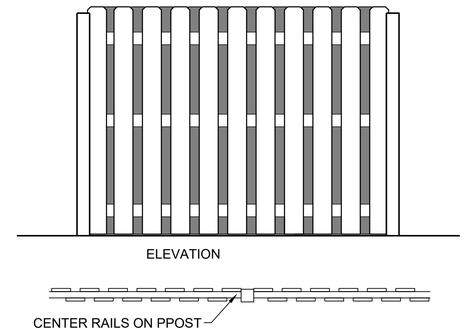
C1 INTERPRETIVE PANEL DETAIL

SCALE: NTS

NOTES:
1. 2X4 ATTACHED W/3" GALV. RING SHANK NAILS
2. 1X6 SLATS ATTACHED WITH 2" GALV. RING SHANK NAILS
3. 1/2" CLEARANCE UNDER FENCE PANELS BOTH SIDES

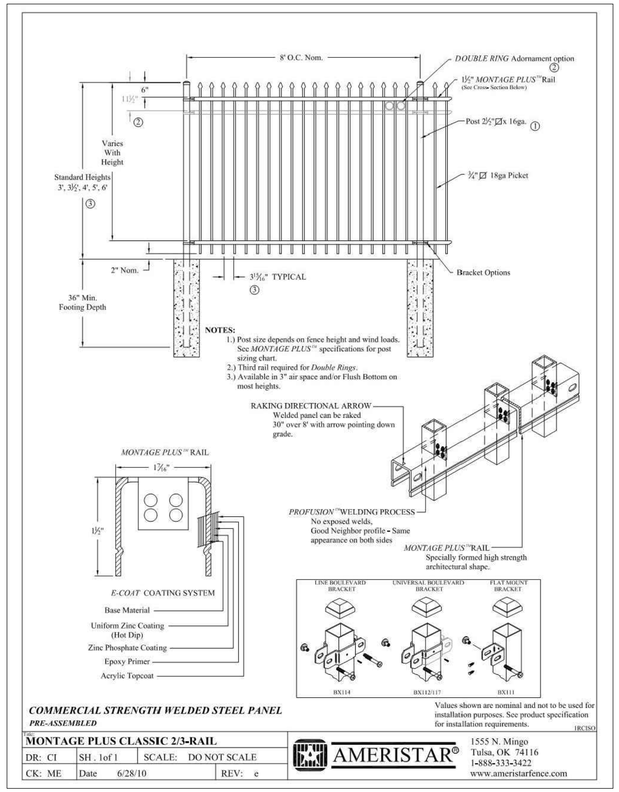


WOOD TO BE PRESSURE TREATED PINE AND STAINED WITH 2 COATS OF A BROWN COLOR. CONTRACTOR TO PROVIDE COLOR SAMPLES TO DESIGN PROFESSIONAL.



C3 WOODEN PRIVACY FENCE

SCALE: NTS

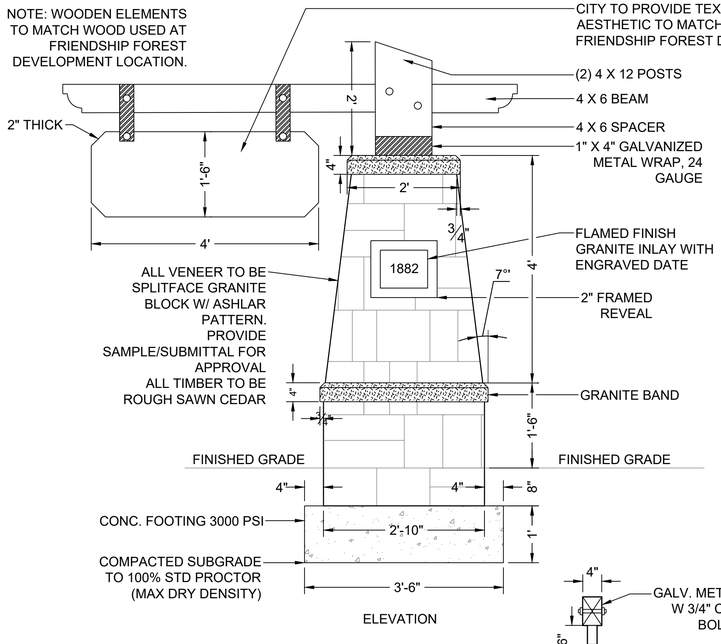


A1 AMERISTAR FENCE - BLACK

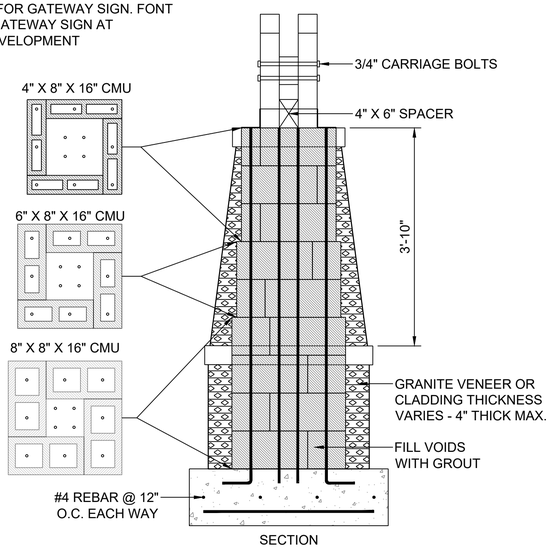
SCALE: NTS

NOTE: WOODEN ELEMENTS TO MATCH WOOD USED AT FRIENDSHIP FOREST DEVELOPMENT LOCATION.

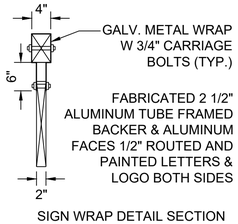
CITY TO PROVIDE TEXT FOR GATEWAY SIGN. FONT AESTHETIC TO MATCH GATEWAY SIGN AT FRIENDSHIP FOREST DEVELOPMENT



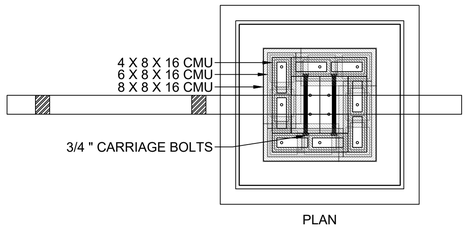
ELEVATION



SECTION



SIGN WRAP DETAIL SECTION



PLAN

A3 GATEWAY SIGNAGE

SCALE: 3/4" = 1'-0"

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

CITY OF CLARKSTON
where possibilities grow

SEAL

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
FILE NAME: 38-001.dwg
SIZE: 22" x 34"
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
PLOT SCALE: 1:1
PLOT DATE: 10/29/2020

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092-1455
Phone 678.336.7740
Fax 678.336.7744

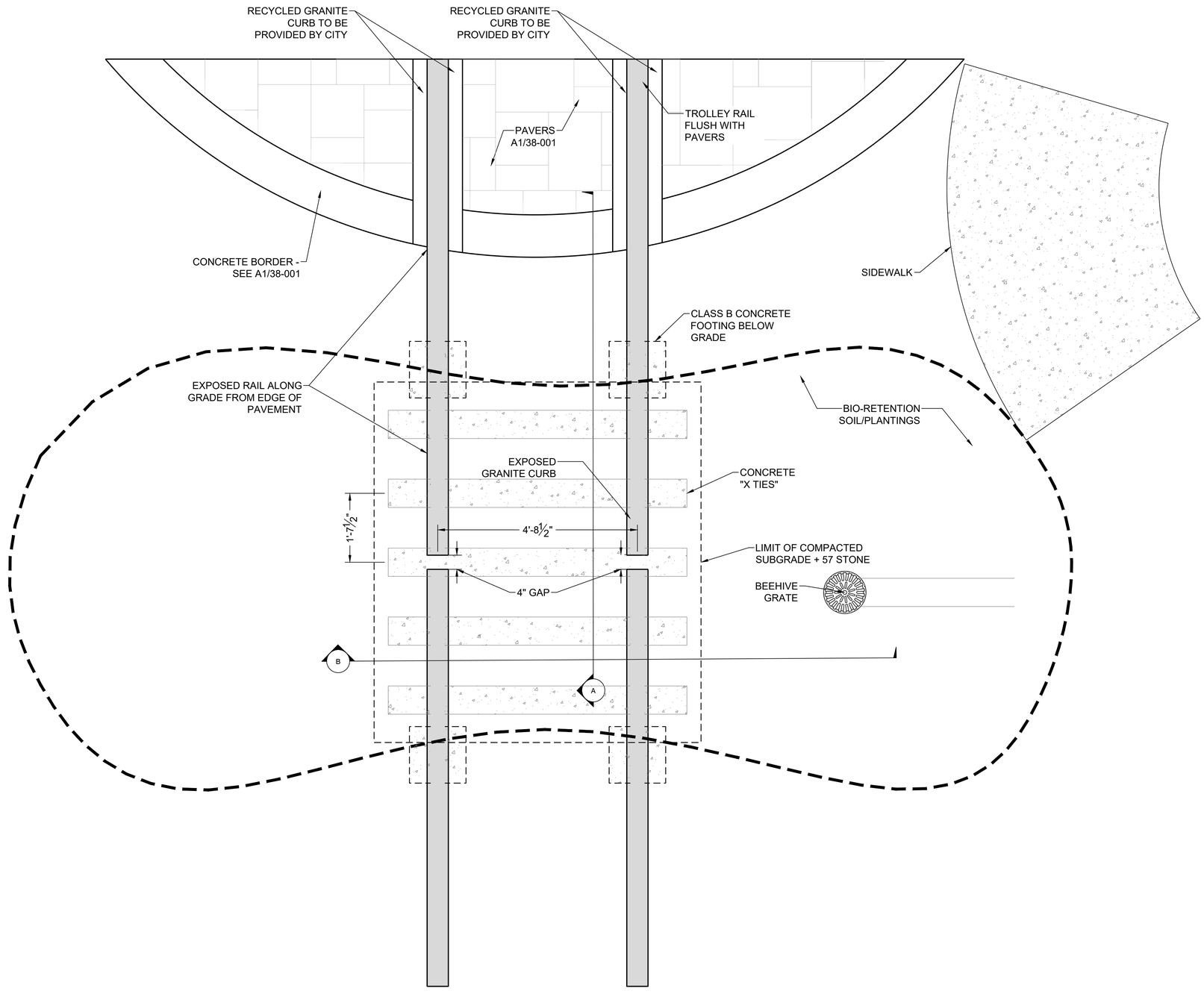
POND PROJECT No.1180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SITE CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
38-004

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY



A1 TRAILHEAD - RAIN GARDEN PLAN DETAIL
SCALE: 3/4" = 1'-0"

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	
MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 38-001.dwg
SIZE: 22" X 34"
PLOT DATE: 10/29/2020
PLOT SCALE: 1:1

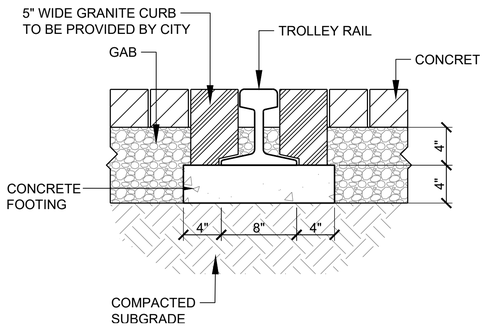
CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 | USA
Phone 678.338.7740
Fax 678.338.7744
POND PROJECT No.1180426

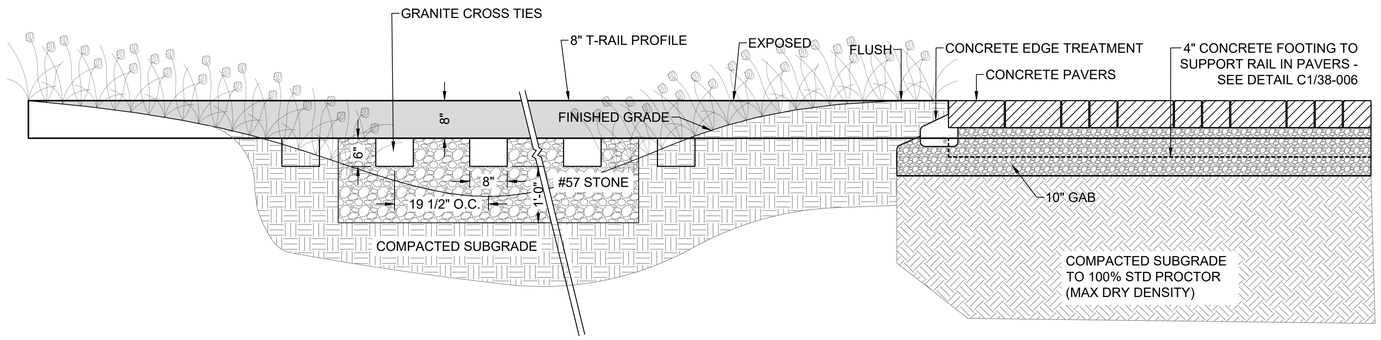
ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

SITE CONSTRUCTION DETAILS

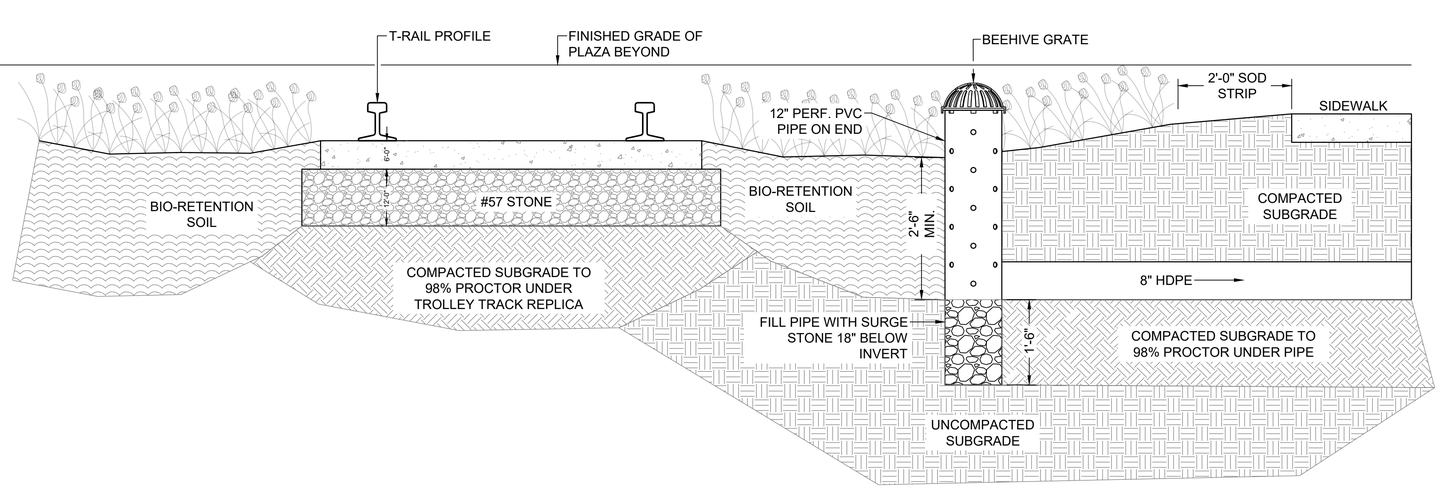
SHEET IDENTIFICATION NUMBER
38-005



C1 TROLLEY RAIL EMBEDDED IN PAVERS
SCALE:



C2 TRAILHEAD - RAIN GARDEN SECTION A - SEE SHEET 38-005
SCALE: 3/4" = 1'-0"



A2 TRAILHEAD - RAIN GARDEN SECTION B - SEE SHEET 38-005
SCALE: 3/4" = 1'-0"

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE: -
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 38-001.dwg
SET: -
PLOT DATE: 10/29/2020
PLOT SCALE: 1:1
22" x 34"

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C -
ROWLAND STREET ROAD DIET
TRAILHEAD DESIGN

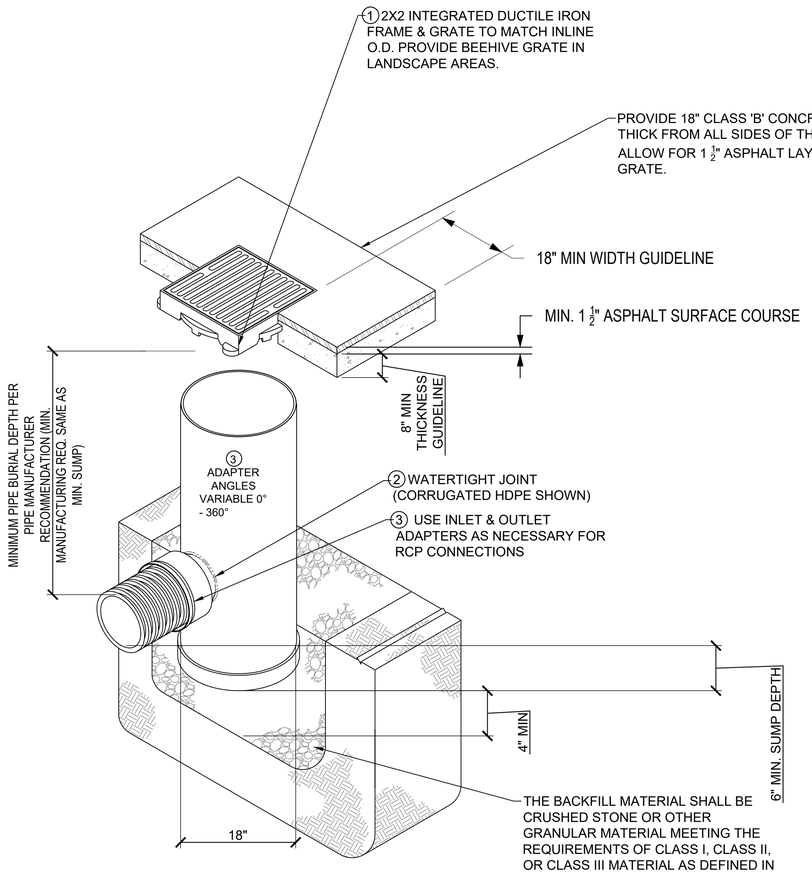
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 450
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11804426

ROWLAND STREET ROAD
DIET AND TRAILHEAD DESIGN

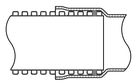
SITE CONSTRUCTION DETAILS

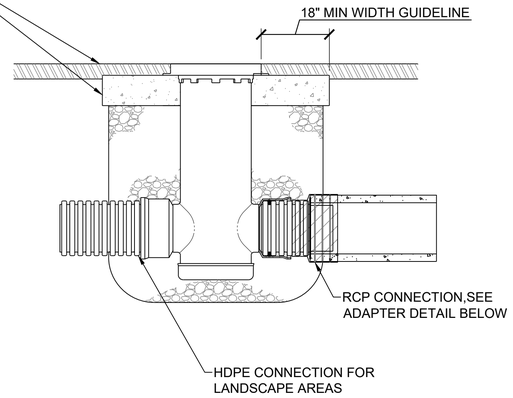
SHEET IDENTIFICATION NUMBER
38-006

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY



NOTES:
1. FRAMES AND GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05. GRATES SHALL MEET H-20 LOAD RATING.
2. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE.
3. ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.
4. CONTRACTOR MAY SUBSTITUTE GDOT STD. 1019 TYPE A PRECAST OR BUILT IN PLACE FOR ANY OR ALL NYLOPLAST INLETS IN PAVING. BEEHIVE GRATES REQUIRED IN ALL LANDSCAPE AREAS.
5. ALL DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE
6. REFER TO GRADING PLAN FOR PIPE SIZE. OWNER'S REPRESENTATIVE TO APPROVE ALL LOCATIONS IN THE FIELD.
7. PRODUCT SPECIFICATION: PROVIDE SUBMITTAL FROM:
   - 7.1. NYOPLAST BY ADS (DETAIL SHOWN BASED ON MANUFACTURER'S STANDARD DETAIL FOR ROAD AND HIGHWAY STRUCTURES)
   - 7.2. NDS DRAINAGE SYSTEMS
   - 7.3. OR APPROVED EQUAL

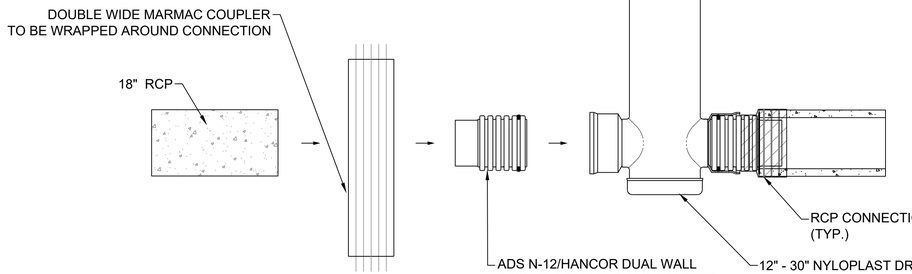




STRUCTURE SIZE	H-20 GRATE OPTIONS				
12"	N/A	STANDARD	SOLID	2X2 R&H	N/A
15"	N/A	STANDARD	SOLID	2X2 R&H	N/A
18"	N/A	STANDARD	SOLID	2X2 R&H	2X3 R&H
24"	N/A	STANDARD	SOLID	2X2 R&H	2X3 R&H
30"	PEDESTRIAN	STANDARD	SOLID	2X2 R&H	2X3 R&H
36"	PEDESTRIAN	STANDARD	SOLID	2X2 R&H	2X3 R&H

1 - THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

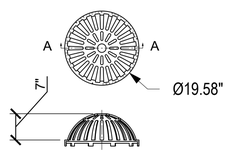
2 - TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.



SECTION VIEW OF DISSIMILAR MATERIALS CONNECTION

18" BEEHIVE GRATE: NYLOPLAST 1899CGD

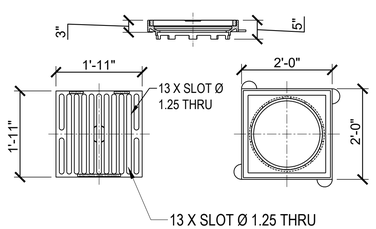
APPROX. DRAIN AREA = 175.59 SQ IN
APPROX. WEIGHT = 32.00 LBS



SECTION A-A

2'X2' NYLOPLAST GRATE 3299CGSQ

APPROX. DRAIN AREA = 277.53 SQ IN
*APPROX. WEIGHT OF GRATE = 66.50 LBS



GRATE NOTES:
1. DIMENSIONS ARE IN INCHES AND FOR REFERENCE ONLY, ACTUAL DIMENSIONS MAY VARY
2. QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
3. PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
4. PROVIDE LOCKING DEVICE

2X2 GRATE:
5. MEETS H-20 LOAD RATING
6. *WEIGHT DOES NOT INCLUDE FRAME; WITH 18" BASE: APPROX. 86.50 LBS

A STORM DRAIN DETAIL
SCALE: NOT TO SCALE

CITY OF CLARKSTON
SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 38-001.dwg
SIZE: 22" x 34"
PLOT DATE: 10/29/2020
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 600
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.11180426

ROWLAND STREET ROAD DIET AND TRAILHEAD DESIGN

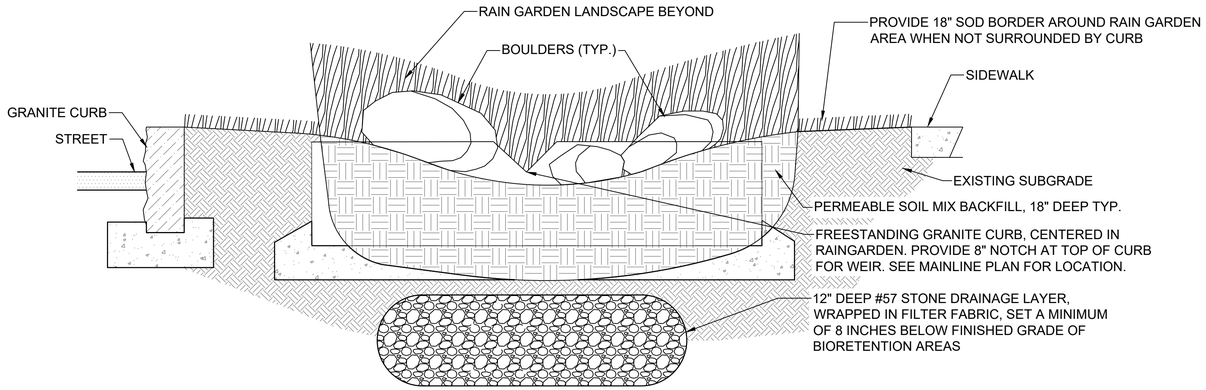
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
38-007

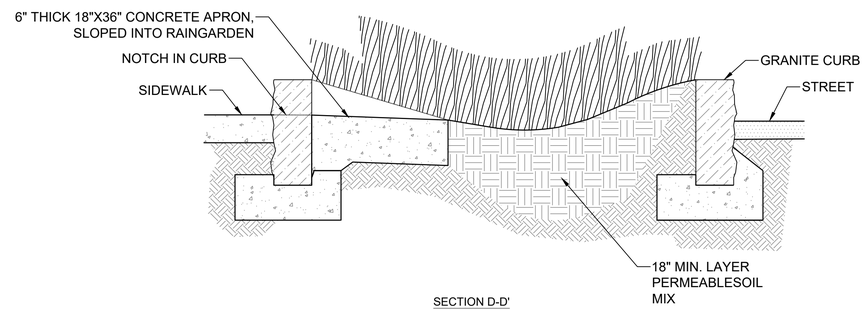
FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY

NOTES:

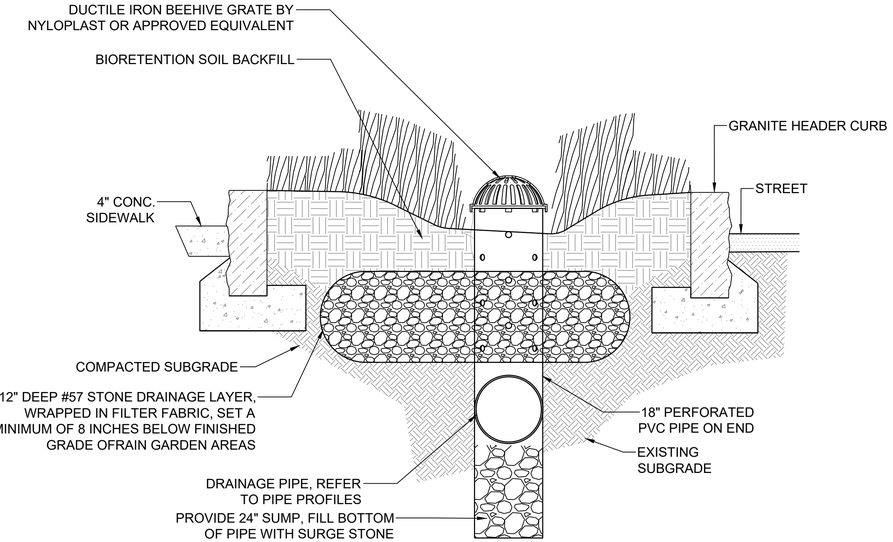
1. PERMEABLE SOIL SHALL CONSIST OF 50% LANDSCAPE TOPSOIL AND 50% RAIN GARDEN ENGINEERED SOIL SPECIFICATION 9.0 AS SUPPLIED BY ERTH PRODUCTS, LLC, TYRONE, GA, OR APPROVED EQUIVALENT.
2. FILTER FABRIC SHALL CONFORM TO ASTM D-751 (PUNCTURE STRENGTH - 125 LB.), ASTM D-1117 (MULLEN BURST STRENGTH - 400 PSI), AND ASTM D-1682 (TENSILE STRENGTH - 300 LB.) AND SHALL BE 0.08" THICK WITH AN EQUIVALENT OPENING SIZE OF #80 SIEVE AND MUST MAINTAIN 125 GPM PER SQ. FT. FLOW RATE.
3. GRAVEL FOR USE AS BACKFILL SHALL BE CLASSIFIED AASHTO M-43.
4. PERMEABLE SOIL FOR THE RAIN GARDEN AREA SHALL NOT BE PLACED UNTIL CONTRIBUTING DRAINAGE AREAS TO THE RAIN GARDEN HAVE STABILIZED. IF SEDIMENT ACCUMULATES IT MUST BE REMOVED.
5. INSTALLATION OF PERMEABLE SOILS MUST BE COMPLETED IN A MANNER THAT WILL ENSURE PRESERVATION OF THE INFILTRATIVE CAPACITY OF THE UNDERLYING SOILS. THE MOISTURE CONTENT OF THE SOIL SHALL BE LOW ENOUGH TO PREVENT CLUMPING AND COMPACTION DURING PLACEMENT.
6. TO PREVENT COMPACTION WITHIN THE LIMITS OF THE BASINS, ONLY HAND LABORERS, SMALL EXCAVATION HOES WITH WIDE TRACKS, LIGHT EQUIPMENT WITH TURF TIES, MARSH EQUIPMENT OR WIDE-TRACK LOADERS MAY BE USED. NO HEAVY EQUIPMENT SHALL BE USED WITHIN THE PERIMETER OF THE RAIN GARDEN BEFORE, DURING, OR AFTER THE PLACEMENT OF THE PERMEABLE SOIL MIX. GROUND PRESSURE SHOULD NOT EXCEED 7 PSI.
7. SOIL SURFACES SHALL BE SCARIFIED TO AERATE AND REDUCE SOIL COMPACTION. SOIL SHALL BE PLACED IN 6" LOOSE DEPTH LIFTS AND LIGHTLY HAND-TAMPED OR COMPACTED WITH A WATER-FILLED LANDSCAPE, ROLLER, TO REDUCE POTENTIAL FOR EXCESSIVE SETTLING. NO OTHER MECHANICAL EQUIPMENT SHALL BE USED TO COMPACT THE PERMEABLE SOIL OR UNDERLYING SOILS.
8. LOOOSEN SUBGRADE SOILS THAT HAVE BEEN COMPACTED OR SMEARED BY RAKING, DISKING, OR TILLING TO A MIN. DEPTH OF 6 INCHES.
9. UNIFORMLY GRADE PERMEABLE SOIL MIX TO ACHIEVE A SMOOTH SURFACE. DO NOT OVER-WORK OR EXCESSIVELY COMPACT SOIL MIX. GRADE TO CROSS SECTIONS, THICKNESS AND ELEVATIONS INDICATED ON PLANS. SETTLING OF SOIL BY WALKING ON SURFACE, WORKING WITH HAND OR LOW GROUND PRESSURE EQUIPMENT (<7 PSI) IS ACCEPTABLE.
10. DURING EXCAVATION, HEAVY MACHINERY SHOULD NOT DRIVE OUR EXPOSED UNDERLYING SOILS.
11. EXCAVATE IN DRY CONDITIONS AS OFTEN AS POSSIBLE.
12. USED TRACKED VEHICLES.
13. EXCAVATE FINAL 9"-12" WITH TEETH OF BUCKET (DO NOT SMEAR)
14. SUBSOILS SHALL BE SCARIFIED (NOT COMPACTED) PRIOR TO PLACEMENT OF CLEAN-WASHED AGGREGATE SUBBASE.



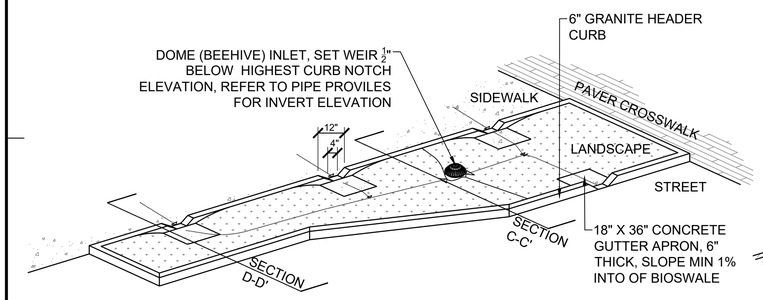
SECTION B-B'



SECTION D-D'

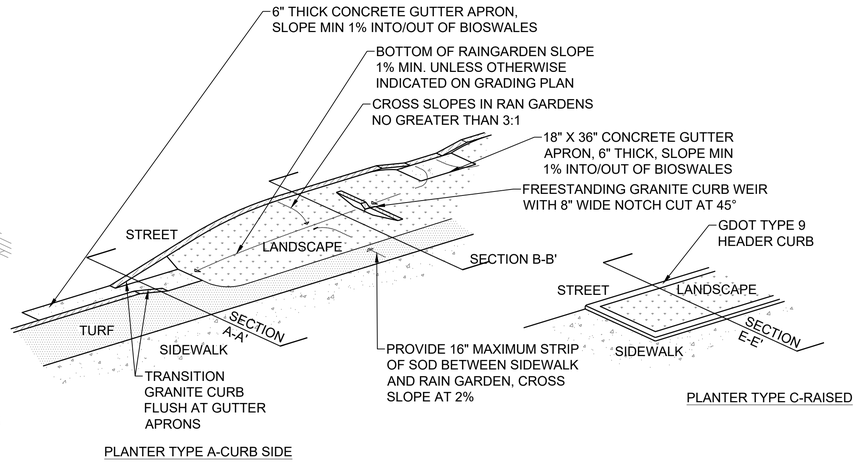


SECTION C-C'



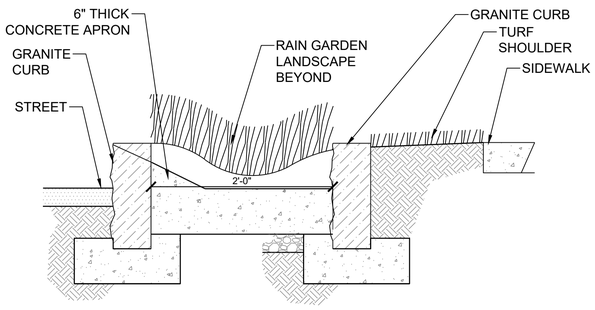
NOTE: RAIN GARDEN/APRON SIZES AND LOCATIONS VARY; REFER TO MAINLINE PLANS

PLANTER TYPE B-FREESTANDING CURB



PLANTER TYPE A-CURB SIDE

PLANTER TYPE C-RAISED



SECTION A-A'

A RAIN GARDEN AXON AND SECTIONS

SCALE: NTS

FILE PATH: \\ACPSSERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\38-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON

SEAL

MARK	DESCRIPTION	DATE	APPR.
A	50% PLAN SUBMITTAL	05.13.2019	
B	BID PLAN SUBMITTAL	11.02.2020	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: MAW
SUBMITTED BY:
DATE:
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 38-001.dwg
PLOT DATE: 10/29/2020
SIZE: 22" x 34"
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CITY OF CLARKSTON
SPLOST PEDESTRIAN PROJECT B & C - ROWLAND STREET ROAD DIET TRAILHEAD DESIGN

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 (678) 336-7740
Phone 678.336.7740
Fax 678.336.7741

POND PROJECT No. 11800426

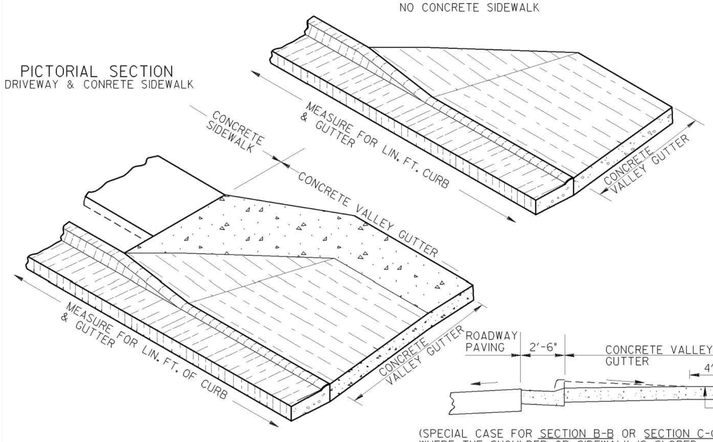
ROWLAND STREET ROAD
DIET AND TRAILHEAD DESIGN

CONSTRUCTION DETAILS

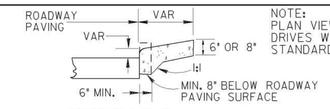
SHEET IDENTIFICATION NUMBER
38-008

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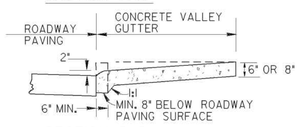
PICTORIAL SECTION
NO CONCRETE SIDEWALK



PICTORIAL SECTION
DRIVEWAY & CONRETE SIDEWALK

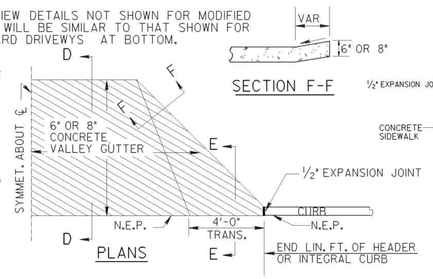


SECTION E-E



SECTION D-D

NOTE:
PLAN VIEW DETAILS NOT SHOWN FOR MODIFIED DRIVES WILL BE SIMILAR TO THAT SHOWN FOR STANDARD DRIVEWYS AT BOTTOM.

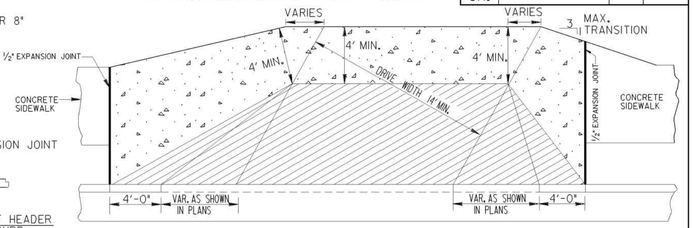


PLANS

SECTION F-F

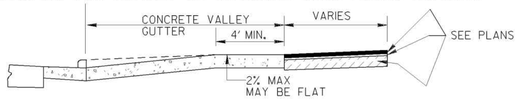
NOTE: DRIVEWAYS WILL NOT BE SKEWED EXCEPT WHERE PERPENDICULAR ALIGNMENT IS NOT FEASIBLE.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

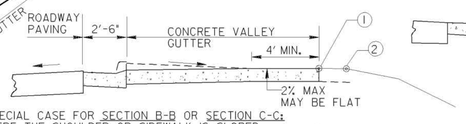


DRIVE ENTRANCE MODIFIED FOR SKEW

DRIVE MODIFIED FOR HEADER OR INTEGRAL CURB ALONG ROADWAY



SECTION WITH ASPHALT PAVING

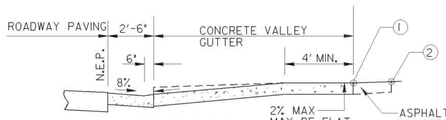


(SPECIAL CASE FOR SECTION B-B OR SECTION C-C: WHERE THE SHOULDER OR SIDEWALK IS SLOPED AWAY FROM THE ROAD)

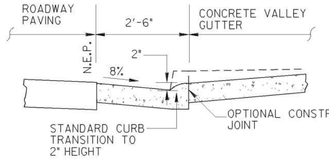
① IS THE BACK OF SIDEWALK SURFACE GRADE OR THE SHOULDER SURFACE GRADE 10'-0" BACK OF THE CURB, SLOPE OF THE CONCRETE VALLEY GUTTER WILL BE SUCH THAT THE BACK OF THE DRIVEWAY TAPER WILL BE THE SAME ELEVATION.

② IS BEGINNING OF DRIVEWAY TIE-IN.

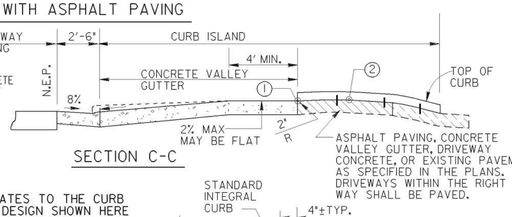
NOTE: ① AND ② MAY COINCIDE



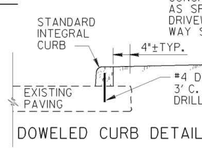
SECTION B-B



NOTE:
ALTERNATES TO THE CURB ISLAND DESIGN SHOWN HERE MAY BE SPECIFIED IN THE PLANS.



SECTION C-C



DOWELED CURB DETAIL

GENERAL NOTES:

1. 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.
2. 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.
3. DRIVES RECONSTRUCTED SHALL BE REPLACED IN KIND, I.E, ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND PAVED TO THE RIGHT OF WAY LINE.
4. SEE STANDARD 9032-B FOR DETAILS OF CONCRETE CURB & GUTTER, HEADER CURBS AND DOWELED INTEGRAL CURBS.
5. 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.
6. THE SLOPE OF THE "TRANSITION AREA" OF THE CONCRETE VALLEY GUTTER SHALL NOT BE STEEPER THAN 8% (12") WHERE SIDEWALKS ARE LOCATED.
7. 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.

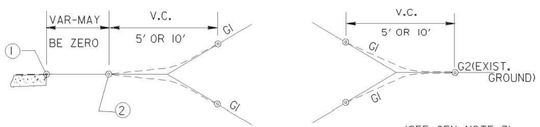
① IS THE BACK OF SIDEWALK SURFACE GRADE OR THE SHOULDER SURFACE GRADE 10'-0" BACK OF THE CURB, SLOPE OF THE CONCRETE VALLEY GUTTER WILL BE SUCH THAT THE BACK OF THE DRIVEWAY TAPER WILL BE THE SAME ELEVATION.

② IS BEGINNING OF DRIVEWAY TIE-IN.

NOTE: ① AND ② MAY COINCIDE

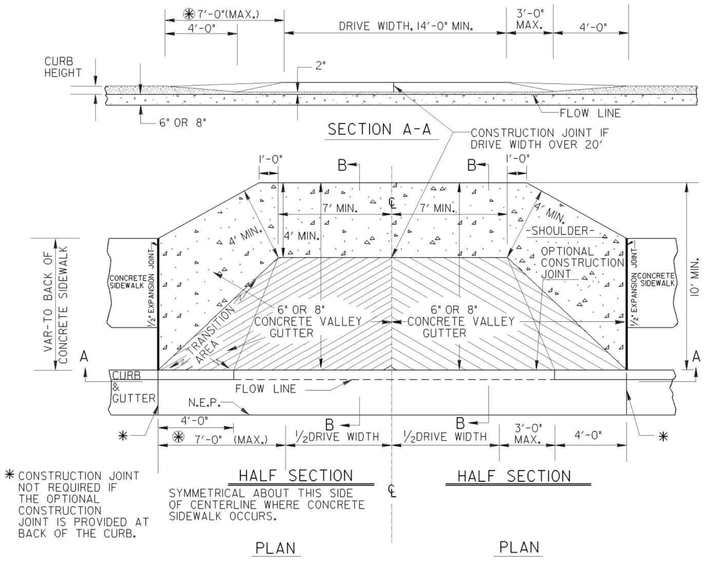
V.C.	MAXIMUM GI	
	CUT	FILL
5'	21%	16.67%
10'	28%	27%

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



✱ CONSTRUCTION JOINT NOT REQUIRED IF THE OPTIONAL CONSTRUCTION JOINT IS PROVIDED AT BACK OF THE CURB.

HALF SECTION
SYMMETRICAL ABOUT THIS SIDE OF CENTERLINE WHERE CONCRETE SIDEWALK OCCURS.

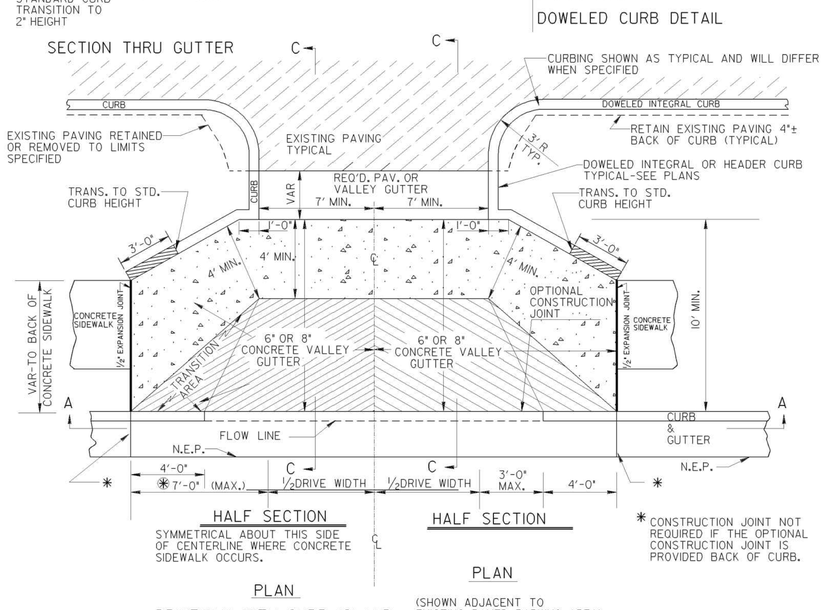
PLAN

HALF SECTION

PLAN

RESIDENTIAL, COMMERCIAL OR NON-COMMERCIAL DRIVE

SECTION THRU GUTTER



HALF SECTION
SYMMETRICAL ABOUT THIS SIDE OF CENTERLINE WHERE CONCRETE SIDEWALK OCCURS.

PLAN

DRIVEWAY WITH CURB ISLAND

HALF SECTION

PLAN

(SHOWN ADJACENT TO EXISTING PAVED PARKING AREA)

✱ CONSTRUCTION JOINT NOT REQUIRED IF THE OPTIONAL CONSTRUCTION JOINT IS PROVIDED BACK OF CURB.

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

DATE	REVISION	BY
7-29-11	REV. PAVEMENT NOTES, REV.	GLO
4-11-02	12' TO 14' MIN., REV. SWALK	
4-3-02	REVISED	
	REVISED	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL
DRIVEWAYS WITH TAPERED ENTRANCES
CONCRETE VALLEY GUTTERS

NO SCALE — MARCH 12, 2002

NUMBER
AI

CITY OF CLARKSTON

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/27/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22"x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone: 770.325.9740
Fax 678.336.7744
POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

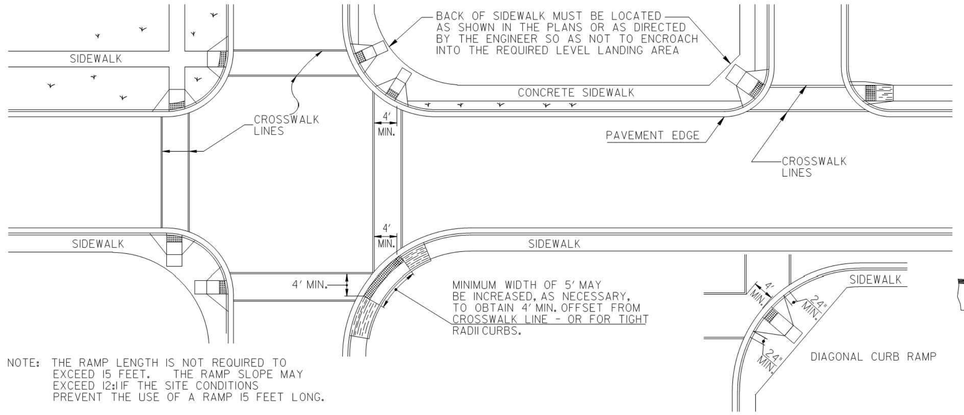
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
40-001

FILE PATH: \\ACP3SERVERRESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\40-001.DWG PLOTTED BY: THOMPSON, SYDNEY

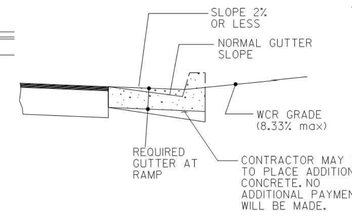
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

TYPICAL LOCATIONS FOR CURB CUT RAMPS - PLAN VIEW

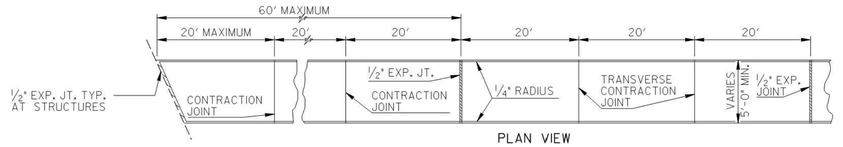


NOTE: THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. THE RAMP SLOPE MAY EXCEED 12% IF THE SITE CONDITIONS PREVENT THE USE OF A RAMP 15 FEET LONG.

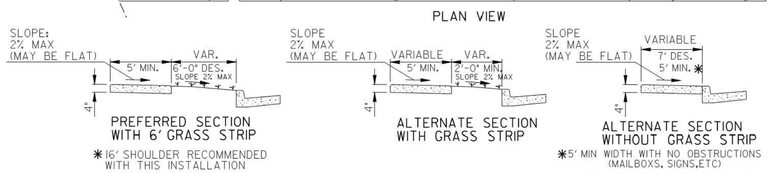
GUTTER TRANSITION DETAIL



CONCRETE SIDEWALK DETAILS



PLAN VIEW



NOTES FOR CONCRETE SIDEWALK:

A. CONCRETE TO BE PLACED 4" THICK AND FINISHED WITH TAMPS, WOOD FLOATS AND STIFF-BRISTLE BROOMS.
B. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED AT 20 FT. INTERVALS. ALL EDGES TO BE ROUNDED TO ¼" RADIUS.
C. ½" 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 RADII, 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. LIN. FT. OF CURB AND GUTTER WILL INCLUDE THE TRANSITIONED CURB IN FRONT OF RAMPS. SQ. 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.

This Detail Replaces Ga Standard 9031W

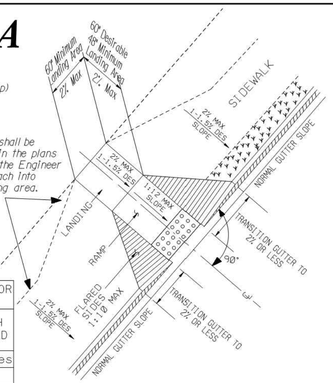
Guidelines For Usage On Metric Projects

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.

Type A

(Perpendicular)

(The Preferred Ramp)

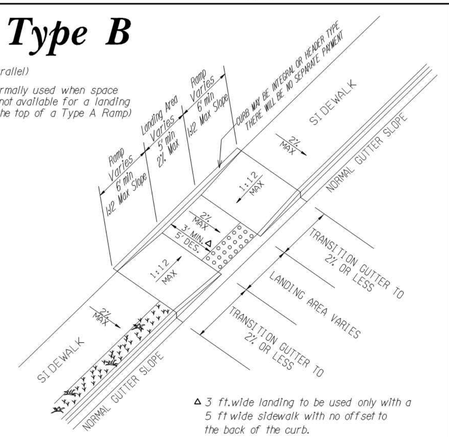


LENGHT REQUIRED FOR A 1:10 SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 Inch	10 Inches
2 Inches	1'-8"
3 Inches	2'-6"
4 Inches	3'-4"
5 Inches	4'-2"
6 Inches	5 feet

Type B

(Parallel)

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

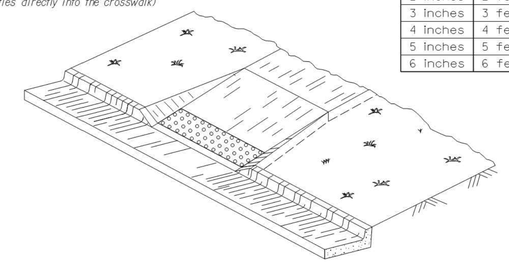


Δ 3 ft.wide landing to be used only with a 5 ft.wide sidewalk with no offset to the back of the curb.

Type D

(Perpendicular)

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

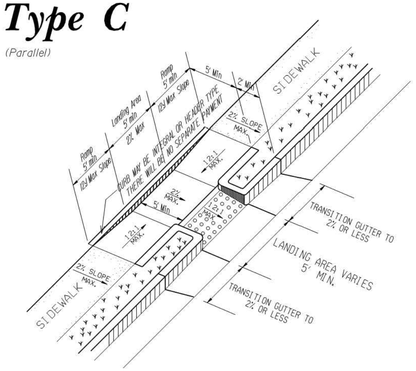


IN AREAS WHERE THE GUTTER HAS A SLOPE 1" IN 1' END NORMAL GUTTER SLOPE AT A DISTANCE OF 6 TO 10 FEET FROM THE RAMP AND BEGIN TRANSITION TO A FLAT GUTTER SLOPE. NORMAL GUTTER SLOPE SHALL BE RESUMED AT A SIMILAR DISTANCE BEYOND THE RAMP.

LENGHT REQUIRED FOR A 1:12 SLOPE	
DIFFERENCE IN HEIGHT	LENGTH REQUIRED
1 Inch	1 foot
2 Inches	2 feet
3 Inches	3 feet
4 Inches	4 feet
5 Inches	5 feet
6 Inches	6 feet

Type C

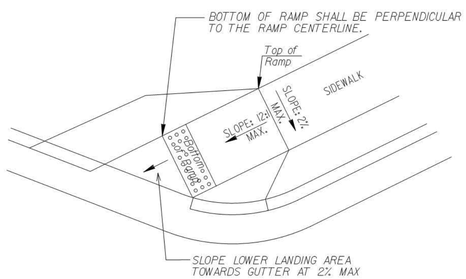
(Parallel)

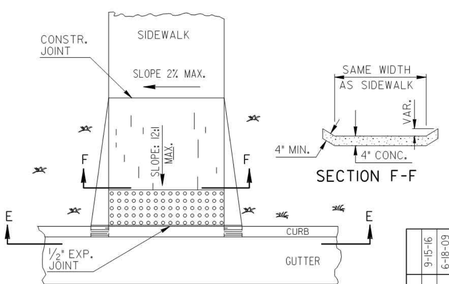


Skewed Ramp Details

(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.





DATE	REVISION
9-15-16	ADDED PERP. OR PARALLEL
6-18-09	REV. SLOPES TO PERCENT AND ADDED 12H & 10H CHART.
5-10-06	ADDED GEN. NOTE NO. 8.
2-21-03	REV. TRUNCATED DOMES
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	REVISED

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

SPECIAL DETAIL
CONCRETE SIDEWALK DETAILS
CURB CUT (WHEELCHAIR) RAMPS

NO SCALE — MARCH 12, 2002

NUMBER A3

CUB GLO

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DRAWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/27/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
SCALE: 1:1
PLOT DATE: 1/29/2020
FILE NAME: 40-001.dwg
SIZE: 24" x 34"
PLOT SCALE: 1:1

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane, Peachtree Corners, GA 30092, Suite E-2010
Phone: 678.336.2610 Fax: 678.336.7744
POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

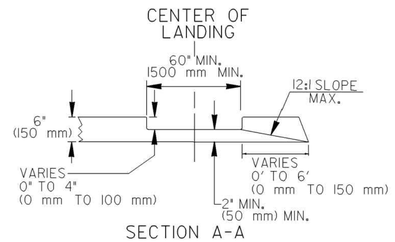
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
40-002

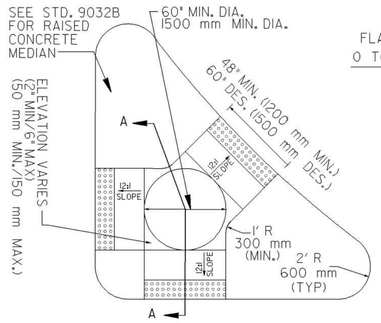
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6/18/2009 1:42:32 PM \\GDOT-DSN1\GOPLOT\GCF\go_1ff_output.gcf gowens V:\GARY\ada ramp details\a4.prf GO-RD6

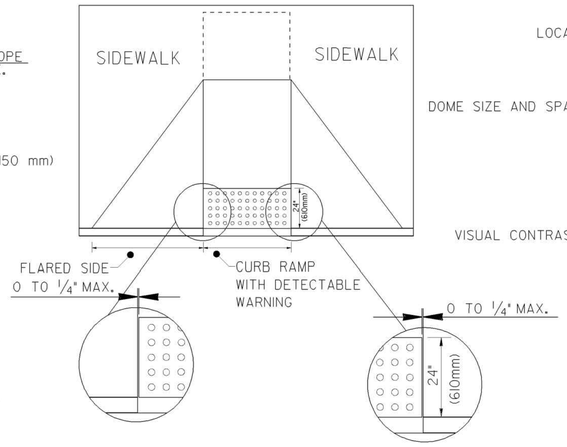
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



SECTION A-A



CONCRETE ISLAND WITH ELEVATED CUT THROUGH

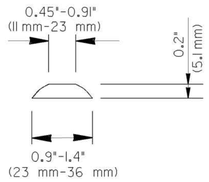


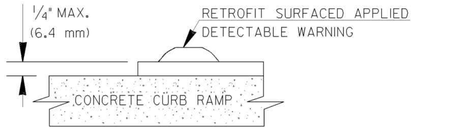
SIZE: DETECTABLE WARNINGS SHALL BE 24 INCHES (610 mm) IN THE DIRECTION OF PEDESTRAIN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.

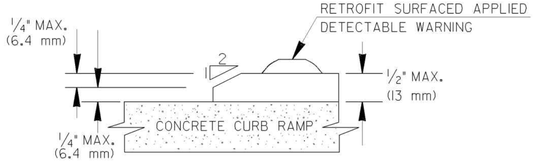
LOCATION: THE DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE OR OTHER POTENTIAL HAZARD IS 6 TO 8 INCHES (150 mm to 180mm) FROM THE CURB LINE OR OTHER POTENTIAL HAZARD, SUSH AS A REFLECTIVE POOL EDGE OR THE DYNAMIC ENVELOPE OF RAIL OPERATIONS.

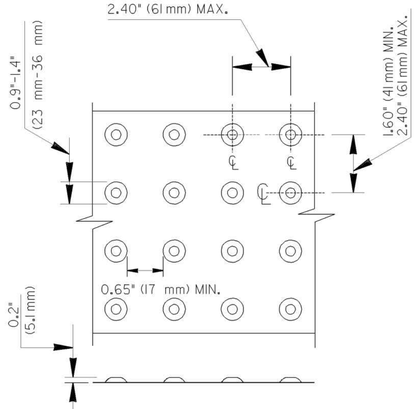
DOME SIZE AND SPACING: TRUNCATED DOMES SHALL HAVE A BASE DIAMETER OF 0.9 INCH TO 1.4 INCH (23mm-36mm) AT THE BOTTOM, A DIAMETER OF 0.45 INCH TO 0.91INCH (11mm-23mm) AT THE TOP, THE TOP DIAMETER SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMENTER, A HEIGHT OF 0.2 INCH (5.1mm) AND A CENTER-TO-CENTER 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.

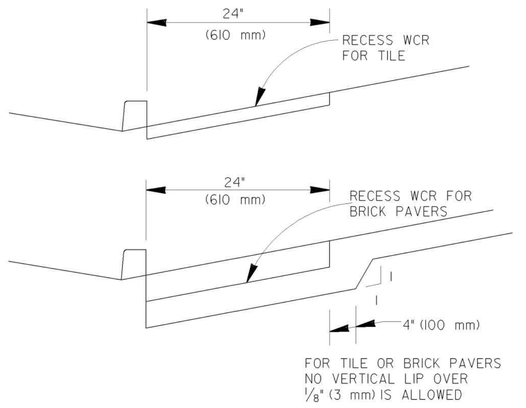
VISUAL CONTRAST: DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE VISUAL CONTRACT SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING SURFACE.



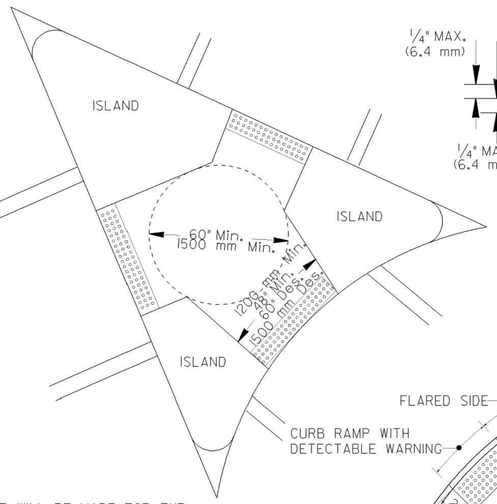


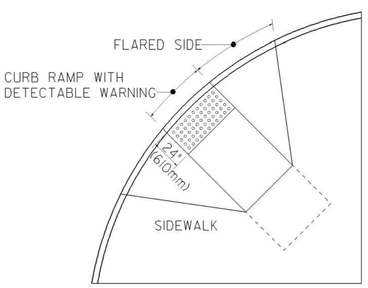




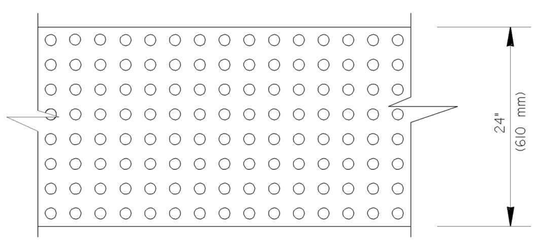


FOR TILE OR BRICK PAVERS NO VERTICAL LIP OVER 1/8" (3 mm) IS ALLOWED





DETAIL FOR DETECTABLE WARNING AT CUT-THRU CONCRETE ISLAND



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.

MATERIALS:

NEW CONSTRUCTION

THE DETECTABLE WARNINGS SHALL BE MADE OF MATERIALS SPECIFIED ON QPL 87.

RETROFIT OF EXISTING RAMPS

SURFACED APPLIED MATERIALS WILL ONLY BE APPROVED TO BE USED ON EXISTING WHEELCHAIR RAMPS.

INSTALLATION:

BRICK PAVERS SHALL BE SET IN A WET MORTAR BED. THE BED SHALL BE PLACED ON CONCRETE. THE CONCRETE SHALL BE A MINIMUM OF 4" THICK.

CERAMIC TILE SHALL BE EPOXIED IN PLACE OR SET IN A WET MORTAR BED. MANUFACTURER RECOMMEND ADHESIVE OR FASTENER SHALL BE USED IN THE INSTALLATION.

ALL OTHER MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURES DETAILS OR INSTRUCTION.

GENERAL NOTES:

RETROFIT SURFACED APPLIED MATERIALS ONLY:

1. CHANGES IN LEVEL OF 1/4" (6.4 mm) HIGH MAXIMUM SHALL BE PERMITTED VERTICALLY ON SURFACED APPLIED MATERIALS.
2. CHANGES IN LEVEL BETWEEN 1/4" (6.4 mm) HIGH MINIMUM AND 1/2" (13mm) HIGH MAXIMUM SHALL BE BELEVELED WITH A SLOPE NOT STEEPER THAN 2:1.

BY	REVISION	DATE
GLO	ADDED RETROFIT DETAIL AND ADDED ALT. RAMP DETAIL AND GEN. NOTES	6-18-09
GLO	ADDED TOLERANCE TO DTL.	10-2-06
GLO	REVISEDTUNCATED DOMES AND NOTES.	5-10-06
	REVISED	11-14-02
	REVISED	7-29-02

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

SPECIAL DETAIL

DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS

NO SCALE — MARCH 12, 2002

NUMBER A4

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 3/26/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 7/29/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 550
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

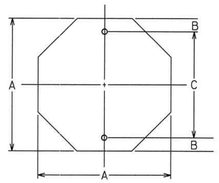
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
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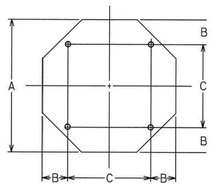
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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

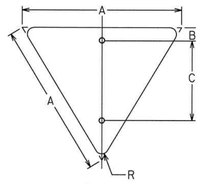


OCTAGON

A	B	C
24	3	18
30	3	24
36	3	30

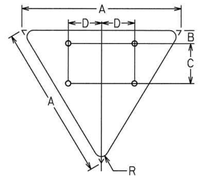


A	B	C
48	9	30

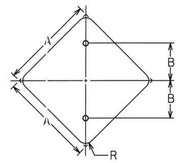


EQUILATERAL TRIANGLE

A	B	C	R
30	3	18	1 1/2
36	3	21	2
48	3	27	3

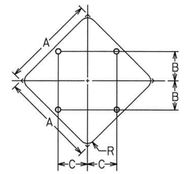


A	B	C	D	R
60	3	18	15	3



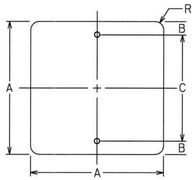
A	B	R
24	12	1 1/2
30	15	1 7/8
36	18	2 1/4

DIAMOND



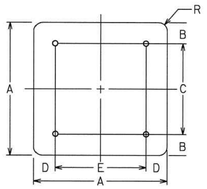
A	B	C	R
*36	10	10	2 1/4
48	15	15	3
60	18	18	3 3/4

*FOR TWO POST ERECTION

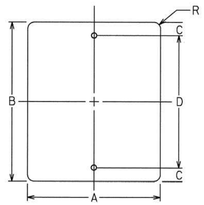


SQUARE

A	B	C	R
18	3	12	1 1/2
24	3	18	1 1/2
30	3	24	1 7/8

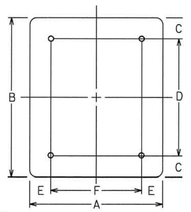


A	B	C	D	E	R
36	6	24	6	24	2 1/4
48	6	36	6	36	3

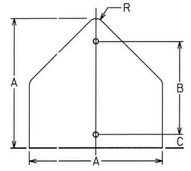


VERTICAL RECTANGLE

A	B	C	D	R
12	18	1 1/2	15	1 1/2
18	24	3	18	1 1/2
24	30	3	24	1 1/2
30	36	3	30	1 7/8

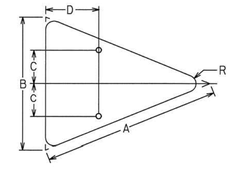


A	B	C	D	E	F	R
36	48	6	36	6	24	2 1/4
48	60	6	48	9	30	3



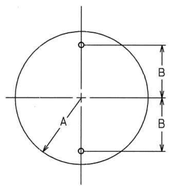
PENTAGON

A	B	C	R
30	21	3	1 7/8
36	24	3	2 1/4



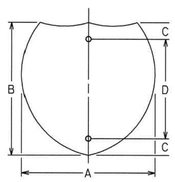
ISOSCELES TRIANGLE

A	B	C	D	R
40	30	7 1/2	12	1 7/8
48	36	9	15	2 1/4



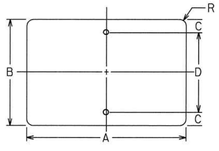
CIRCLE

A	B
15	12
18	15



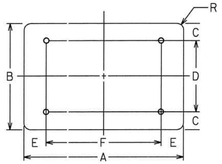
INTERSTATE SHIELD

A	B	C	D
24	24	3	18
30	24	3	18
36	36	6	24
45	36	6	24



HORIZONTAL RECTANGLE

A	B	C	D	R
21	15	1 1/2	12	1 1/2
24	12	1 1/2	9	1 1/2
24	18	3	12	1 1/2
30	15	1 1/2	12	1 1/2
30	24	3	18	1 1/2
36	12	1 1/2	9	1 1/2
36	24	3	18	1 1/2
48	12	1 1/2	9	1 1/2
48	24	3	18	1 7/8



A	B	C	D	E	F	R
48	36	6	24	9	30	2 1/4
60	24	3	18	12	36	1 1/2
60	36	6	24	12	36	2 1/4

DATE	REVISIONS

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

DETAILS OF SIGN PLATES

NO SCALE JANUARY 2000

T-1

PCBDT B

...\t\t\sign plates.dgn Jul. 03, 2003 16:10:10

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DRAWN BY: SPT
SUBMITTED BY:
DATE: 3/26/2019
CKD BY: TN
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22" x 34"
SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane, Peachtree Corners, GA 30092 SUITE 320
Phone: 678.336.7740 Fax 678.336.7744
POND PROJECT No.:1190154

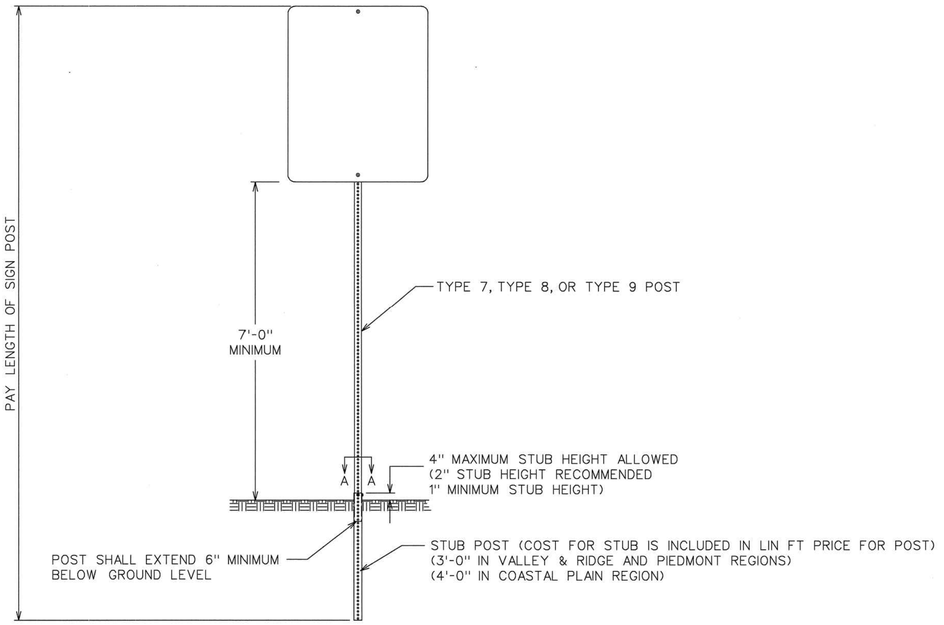
PONCE/CHURCH SIDEWALKS

CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
40-004

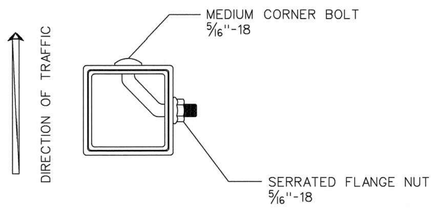
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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



FRONT VIEW

POST	STUB SIZE
TYPE 7	$2\frac{1}{4}$" x $2\frac{1}{4}$"
TYPE 8	$2\frac{3}{4}$" x $2\frac{3}{4}$"
TYPE 9	$2\frac{1}{2}$" x $2\frac{1}{2}$"



SECTION A-A

SIGN POST SELECTION CHART

70 MPH Wind Load Chart + 15% Gust Factor

	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.		
Sign Centroid	1 Post	2 Post	1 Post	1 Post	2 Post	3 Post	1 Post	2 Post	3 Post
	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 CONTINOUS 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

T-3A

PCBDTB

...\103dsst789.dgn Jul 03, 2003 16:10:11

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\11901540\4.CAD_BIM\04.02.CAD\ROWLAND_TRAILHEAD\40-001.DWG PLOTTED BY: THOMPSON, SYDNEY

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/27/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22" x 34"
SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane, Peachtree Corners, GA 30092 SUITE 300
Phone: 678.336.7540 Fax 678.336.7744

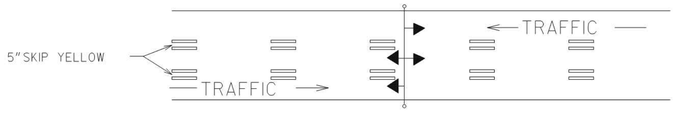
POND PROJECT No.:1190154

PONCE/CHURCH SIDEWALKS

CONSTRUCTION DETAILS

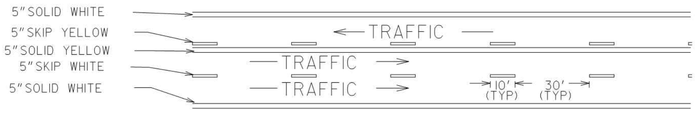
SHEET IDENTIFICATION NUMBER
40-005

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

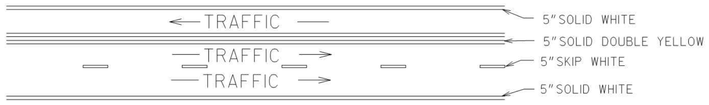


REVERSIBLE LANE SIGN OR SIGNAL SYSTEM REQUIRED

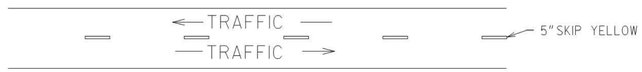
TWO-WAY TRAFFIC WITH A REVERSIBLE CENTER LANE



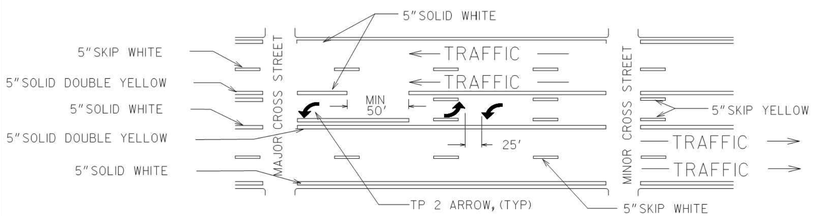
TWO-WAY TRAFFIC WHERE MOTORISTS IN A SINGLE LANE ARE PERMITTED TO PASS



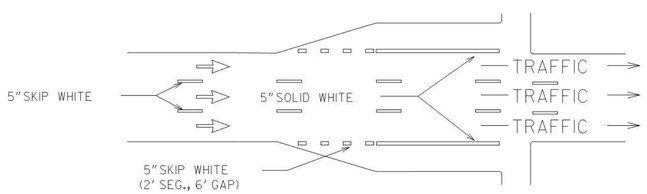
TWO-WAY TRAFFIC WHERE MOTORISTS IN A SINGLE LANE ARE NOT PERMITTED TO PASS



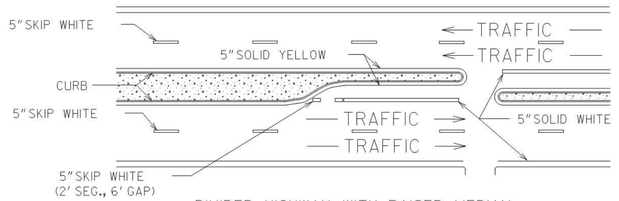
TWO-LANE, TWO-WAY TRAFFIC WITH PASSING PERMITTED



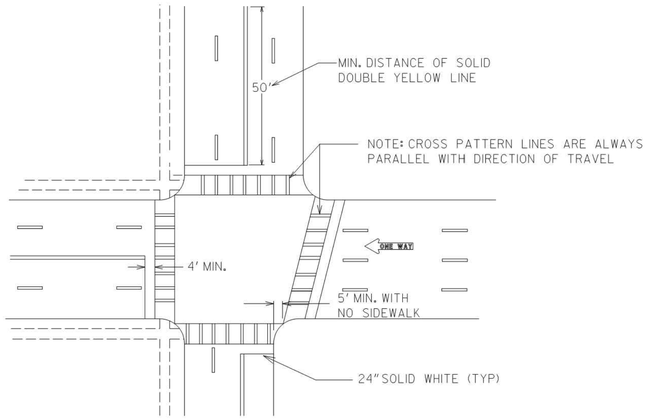
MULTI-LANE, TWO-WAY TRAFFIC WITH SINGLE LANE, TWO-WAY LEFT TURN CHANNELIZATION



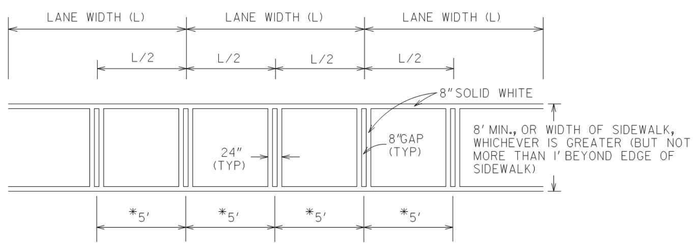
ONE-WAY TRAFFIC WITH ADDED TURN LANES



DIVIDED HIGHWAY WITH RAISED MEDIAN



TYPICAL LOCATION OF CROSSWALKS AND STOP BARS



*USE WHERE THE LANE WIDTH EXCEEDS 12' OR WHERE LANE LINES HAVE BEEN OMITTED

CROSSWALK DETAIL

GENERAL NOTES:

1. SPACING BETWEEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH.
2. EDGE LINES SHALL BE PLACED A MINIMUM OF 4 INCHES FROM THE NORMAL EDGE OF PAVEMENT.
3. CONTRAST MARKINGS FOR SKIP STRIPING SHALL BE AS SHOWN IN DETAIL T-IIB.

DATE	REVISION	BY
9-15-16	ADDED GENERAL NOTE 3	CDR

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

PAVEMENT MARKING PLACEMENT NON-LIMITED ACCESS ROADWAY

NO SCALE — JANUARY 2000

DESIGNED ____
DRAWN ____
TRACED ____
CHECKED ____

NUMBER T-IIA

CITY OF CLARKSTON

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DRWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/27/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/29/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, Suite E-3000
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

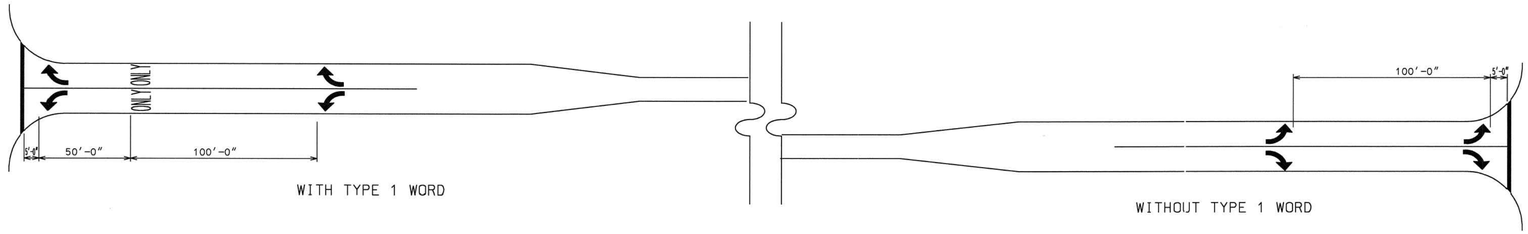
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
40-006

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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

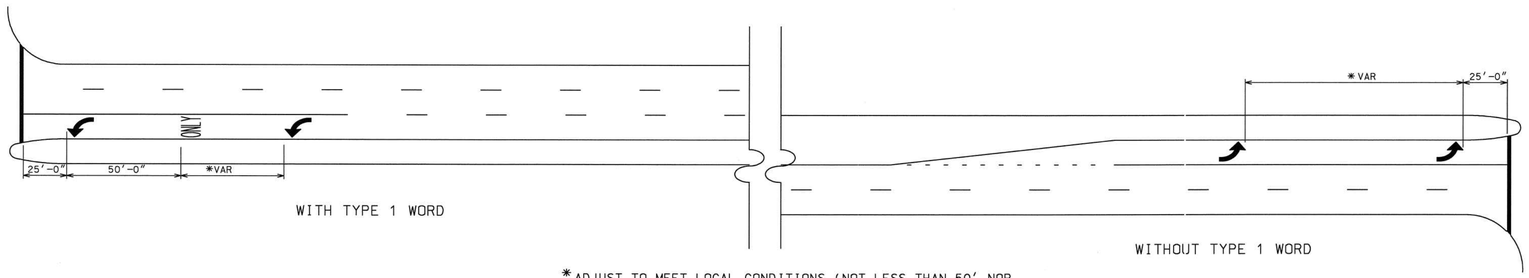
EXIT RAMPS



WITH TYPE 1 WORD

WITHOUT TYPE 1 WORD

SHORT TURN LANES

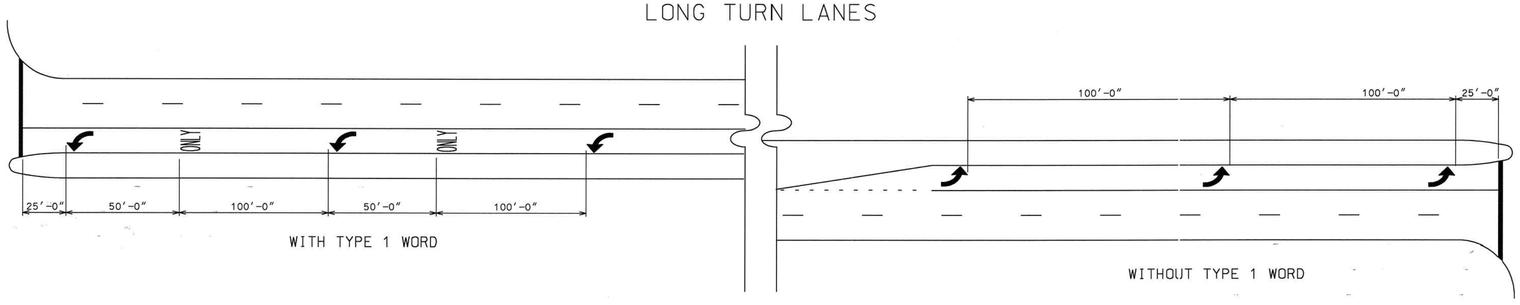


WITH TYPE 1 WORD

WITHOUT TYPE 1 WORD

*ADJUST TO MEET LOCAL CONDITIONS (NOT LESS THAN 50' NOR MORE THAN 100')

LONG TURN LANES



WITH TYPE 1 WORD

WITHOUT TYPE 1 WORD

GENERAL NOTES:

1. SPACING OF TYPE 2 ARROW IS REPRESENTATIVE OF SPACING FOR TYPE 1, TYPE 3, TYPE 4, & TYPE 5 ARROWS.
2. ALL TURNING LANES SHALL HAVE A MINIMUM OF 2 ARROWS.
3. GROUND MOUNTED OR OVERHEAD SIGNING SHALL BE SUPPLEMENTED BY TYPE 1 WORD.

DATE	REVISIONS

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

DETAILS OF PAVEMENT MARKING ARROW LOCATION

NO SCALE JANUARY 2000

PCBDTB

T-12A

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CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/20/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22"x 34"
SCALE: 1:1
PLOT DATE: 1/20/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone 678.336.7340
Fax 678.336.7744

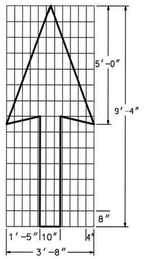
POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

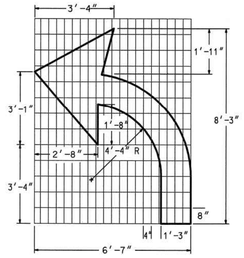
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
40-007

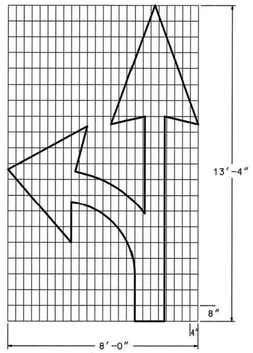
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



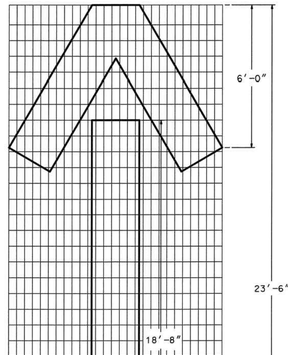
PAVEMENT MARKING, ARROW, TYPE 1
WHITE
(12.0 SQ. FT.)



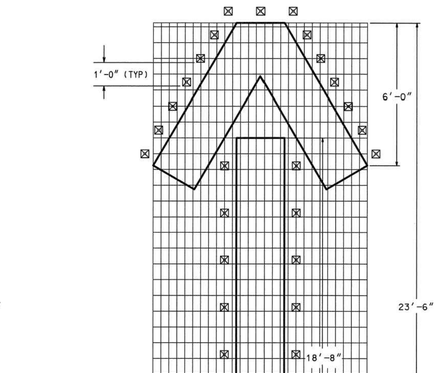
PAVEMENT MARKING, ARROW, TYPE 2
WHITE
(16.0 SQ. FT.)



PAVEMENT MARKING, ARROW, TYPE 3
WHITE
(28.5 SQ. FT.)

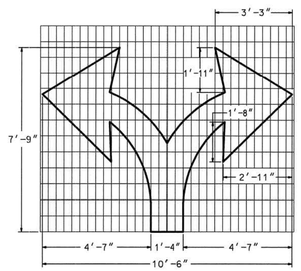


PAVEMENT MARKING, ARROW, TYPE 4
WHITE
(64.5 SQ. FT.)

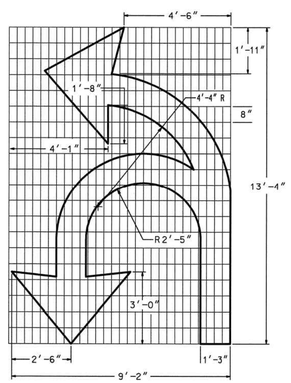


PAVEMENT MARKING, ARROW, WRONG WAY
WHITE
(64.5 SQ. FT.)

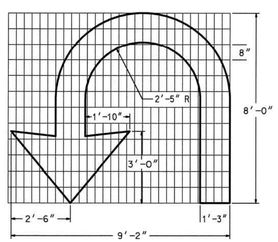
ARROW- WHITE REFLECTORIZED PAINT THERMOPLASTIC, AS SPECIFIED BY GEORGIA STANDARD SPECIFICATIONS, SECTION 655.



PAVEMENT MARKING, ARROW, TYPE 5
WHITE
(25.5 SQ. FT.)



PAVEMENT MARKING, ARROW, TYPE 6
WHITE
(42.0 SQ. FT.)



PAVEMENT MARKING, ARROW, TYPE 7
WHITE
(26.0 SQ. FT.)

DATE	REVISIONS
4-11-00	CHANGED LOCATION OF RPMs ON WRONG WAY ARROW

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

DETAILS OF
PAVEMENT MARKINGS-ARROWS

NO SCALE JANUARY 2000

T-12B

PCBDTB

\\12dgnmod.dgn JUL 03, 2003 16:16:18

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CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 03/26/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 7/2/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 550
Phone: 678.336.7740
Fax: 678.336.7744
POND PROJECT No.1190154

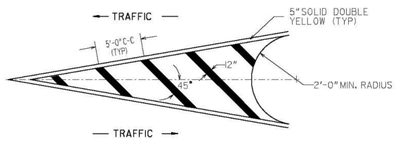
PONCE/CHURCH SIDEWALKS

CONSTRUCTION DETAILS

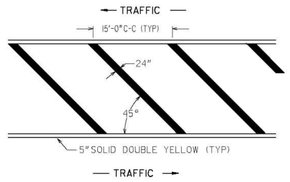
SHEET IDENTIFICATION NUMBER
40-008

COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS

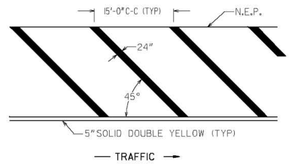
DETAIL "A" (YELLOW)



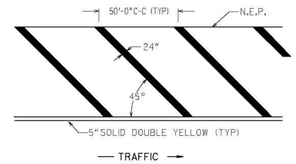
DETAIL "B" (YELLOW)



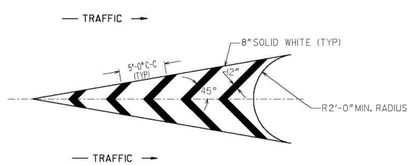
DETAIL "C" (YELLOW)



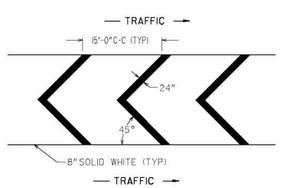
DETAIL "D" (YELLOW)



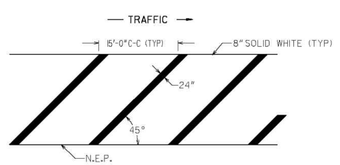
DETAIL "A" (WHITE)



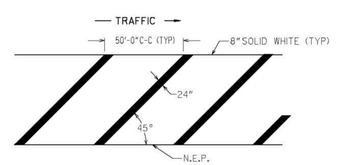
DETAIL "B" (WHITE)



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.

GEORGIA
DEPARTMENT OF TRANSPORTATION

- NO SCALE -

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

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC OPERATIONS
SIGNING AND MARKING PLANS

DETAIL OF PAVEMENT MARKING HATCHING
JANUARY 2000

T-14
NUMBER T -14

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/26/2019	

DESIGNED BY: RBJ
DRN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/22/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 1/20/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, Suite 3200
Phone: 678.336.7700
Fax: 678.336.7744
POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

CONSTRUCTION DETAILS

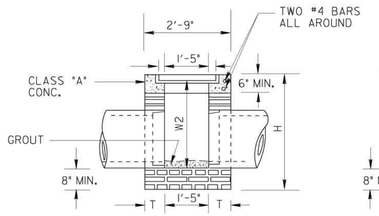
SHEET IDENTIFICATION NUMBER
40-009

FILE PATH: \\ACP3SERVER\RESOURCES\PROJECTS\FY19\1190154\04.CAD_BIM\04.02.CADROW\LAND_TRAIL\HEAD\40-001.DWG PLOTTED BY: THOMPSON, SYDNEY

STHWDCHRNG.DGN 12/01/2008 1:21:18 PM pwalker

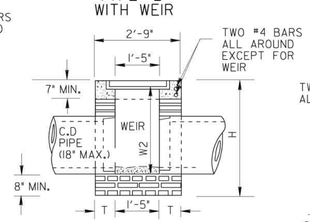
6/7/2006 11:00:07 AM \\GDOT-DSN1\GDPLOT\QCF\qe_tiff_output.qcf gowens M:\GARY\1019A FIX\1019A.prf GO-RDG

TYPE "A"



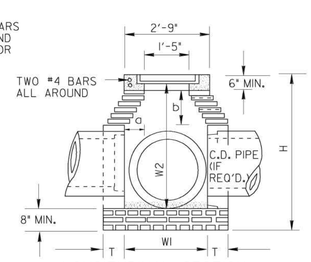
LONGITUDINAL SECTION

TYPE "B" WITH WEIR



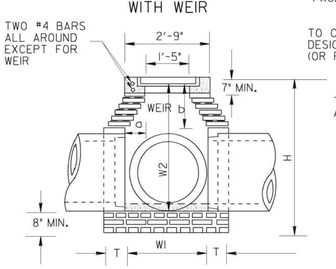
LONGITUDINAL SECTION

TYPE "C"



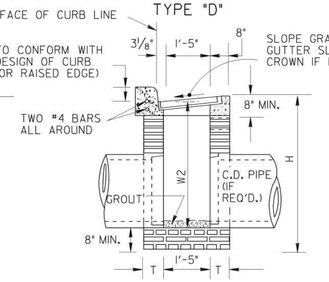
LONGITUDINAL SECTION

TYPE "C" WITH WEIR



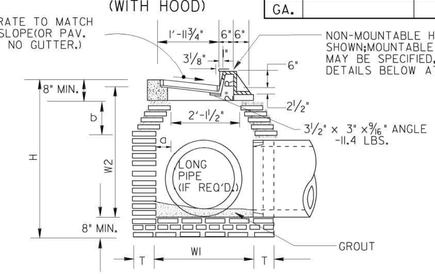
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TYPE "D"



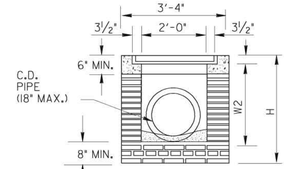
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TYPE "E" (WITH HOOD)

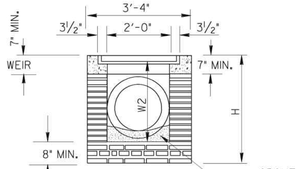


LONGITUDINAL SECTION

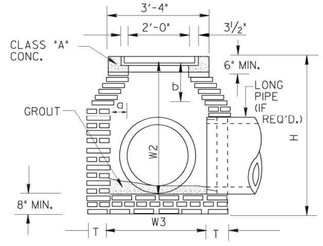
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



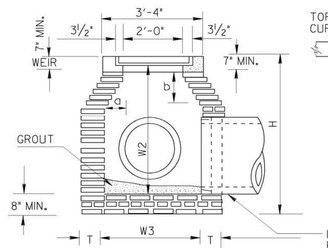
CROSS SECTION



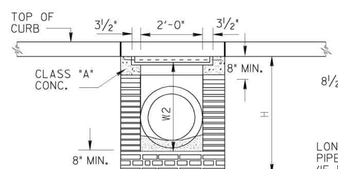
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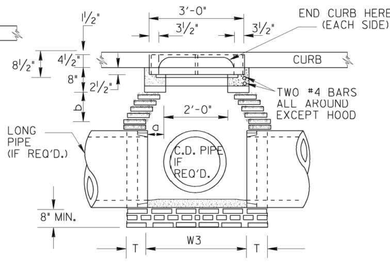
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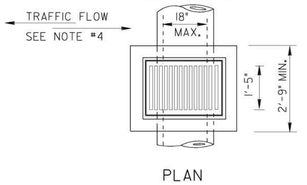
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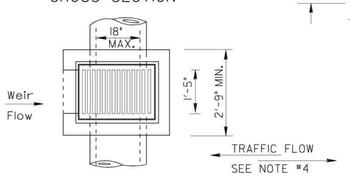
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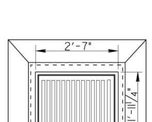
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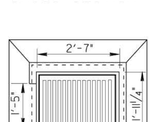
PLAN



PLAN OF CONCRETE COPING SHOWING WEIR

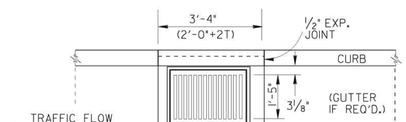


PLAN



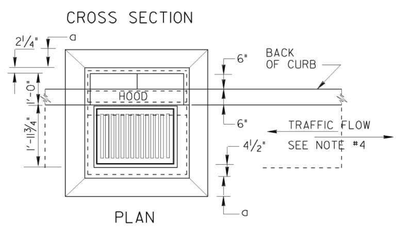
PLAN

TRAFFIC FLOW SEE NOTE #4



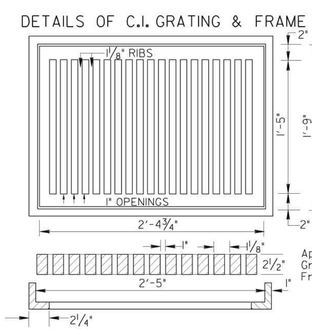
PLAN

NOTE:
FOR LARGER PIPE SIZES, TYPE "D" DROP INLET BOX WILL HAVE DETAILS AND DIMENSIONS AS SHOWN FOR TYPE "C" INLETS.



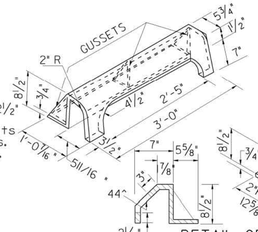
PLAN

DETAILS OF C.I. GRATING & FRAME

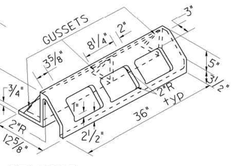


Approx. Weights
Grate-200 lbs.
Frame-137 lbs.

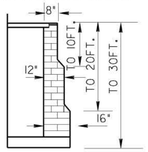
DETAIL OF *HOOD (NON-MOUNTABLE USE WITH TP2 CURB)



DETAIL OF *HOOD (MOUNTABLE)
(use with Tp 7 Curb)



BRICK WALL THICKNESSES
(FOR ALL TYPE INLETS)



NOTE:
MINIMUM DIMENSIONS GIVEN IN TABLE BELOW ARE BASED UPON TYPICAL OUTSIDE DIAMETERS OF CONCRETE PIPES WITH NORMAL COVER AND CLEARANCES. THESE DIMENSIONS MAY BE MODIFIED IF SO DETAILED IN THE PLANS OR AS DIRECTED BY THE ENGINEER. DIMENSIONS GIVEN ARE MINIMUM EXCEPT FOR 'a' WHICH IS MAXIMUM.

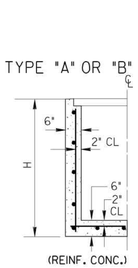
• CONTRACTOR SHALL SPECIFY EITHER MOUNTABLE OR NON-MOUNTABLE TO FOUNDRY IF HOOD IS REQUIRED.

SPECIAL NOTE:
STANDARD 1019A INLETS ARE FOR USE AT LOW POINTS & WHERE HYDRAULIC LOW CAPACITY GRATES ARE SUFFICIENT. WHERE HIGHER CAPACITY GRATES ARE NEEDED ON A CONTINUOUS GRADE, STANDARD 1019B IS RECOMMENDED.

NOTE:
DETAILS NOT SHOWN FOR CONSTRUCTION ALTERNATES WILL BE SIMILAR TO THAT SHOWN FOR BRICK MASONRY.

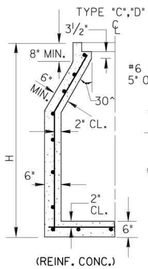
CONSTRUCTION ALTERNATES

TYPE "A" OR "B"

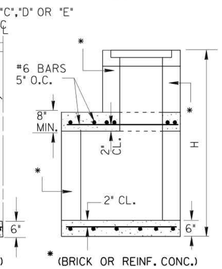


(REINF. CONC.)

TYPE "C","D" OR "E"



(REINF. CONC.)



(BRICK OR REINF. CONC.)

NOTE: CONCRETE WALLS WILL BE REINFORCED WITH #4 BARS 12" O.C. BOTH WAYS, BUT WHERE H IS OVER 9 FT., AND PIPE IS OVER 30" I.D., THE HORIZONTAL STEEL, WHICH IS MORE THAN 9 FT. DEEP WILL BE INCREASED TO 6" SPACINGS. 6" CONC. BOTTOM SLABS WILL BE REINFORCED WITH #4 BARS 12" O.C. BOTH WAYS.

NOTE: FOR PRECAST ALTERNATES, SEE STD. 1019-A PRECAST AND/OR STD. 1040 PRECAST AND BUILT-IN-PLACE COMPONENTS MAY BE USED IN COMBINATIONS WHICH PROVIDE PROPER FITS AND STRUCTURAL ADEQUACY.

GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD AND CURRENT EDITION, AND SUPPLEMENTS THERETO.
2. ½" EXPANSION JOINT WILL BE REQUIRED WHERE RIGID PAVEMENT, CONCRETE SIDEWALK OR CONCRETE GUTTER MEETS DROP INLETS.
3. ALIGNMENT, NUMBER AND SIZES OF PIPES SHOWN ARE ONLY TYPICAL, SEE PLANS FOR ACTUAL PIPE CULVERT REQUIREMENTS.
4. ALL TYPE DROP INLETS WILL BE CONSTRUCTED (AS SHOWN), SO THAT THE GRATE BARS ARE PERPENDICULAR TO THE FLOW OF TRAFFIC EXCEPT ON LIMITED ACCESS PROJECTS OR WHERE BICYCLES ARE PROHIBITED.
5. BRICK MASONRY WITH CLASS "A" CONC. TOP PORTION IS SHOWN AS STANDARD CONSTRUCTION WITH ALTERNATES PERMITTED AS SHOWN, BOTTOM SLAB MAY BE 8" MIN. NON-REINFORCED CONCRETE, 8" BRICK OR 6" MIN. REINFORCED CONCRETE, SEE APPLICABLE STANDARDS FOR ALTERNATE PRECAST CONSTRUCTION.

TABLE OF MINIMUM DIMENSIONS FOR DROP INLETS

D	TYPES "A" or "B" BRICK OR REINF. CONC.			TYPE "C" OR "D" (BRICK)						TYPE "E" (BRICK)						TYPE "C","D" OR "E" (REINFORCED CONCRETE)						
	WI	W2	H(min)	WI	W2	W3	a (MAX.)	b	H(min.)	WI	W2	W3	a (MAX.)	b	H(min.)	WI type"C"	WI type"E"	W2	W3	a (MAX.)	b	H(min.)
15"	2'- 0"	2'- 7"	3'-3½"	2'-2⅛"	2'-11"	2'-9⅛"	0'-4⅜"	0'-7⅞"	3'-9½"	3'-2⅛"	3'- 1"	3'-0⅝"	0'-7⅜"	1'-1⅛"	3'-11½"	2'- 0"	2'- 1"	2'- 7"	2'- 0"	3½"	6"	3'- 6"
18"	2'- 0"	2'-10"	3'- 7"	2'-2⅛"	3'-2½"	2'-9⅛"	0'-4⅜"	0'-7⅞"	4'-1"	3'-2⅛"	3'-4½"	3'-0⅝"	0'-7⅜"	1'-1⅛"	4'- 1"	2'- 0"	2'- 1"	3'- 0"	2'- 0"	3½"	6"	3'-11"
24"	~	~	~	2'-8⅛"	3'-3⅛"	3'-3⅛"	0'-7⅜"	1'-1⅛"	4'- 9"	3'-2⅛"	3'-11½"	3'-0⅝"	0'-7⅜"	1'-1⅛"	4'-8¼"	2'- 8"	2'- 9"	3'- 8"	2'- 6"	6½"	11"	4'- 7"
30"	~	~	~	3'-7¼"	4'-0¼"	3'-10⅛"	1'-0⅛"	1'- 9"	5'-10"	3'-5½"	4'-8⅜"	3'- 4"	0'- 8"	1'-1⅞"	5'-6⅞"	3'- 4"	3'- 6"	4'- 9"	3'- 0"	9½"	16½"	5'-10"
36"	~	~	~	4'-1⅞"	6'-0⅝"	4'-8⅞"	1'-4⅞"	2'-2¼"	6'-11⅛"	3'-11½"	5'-8⅜"	3'-10"	0'-11"	1'-7⅛"	6'-7⅛"	3'-10"	4'- 0"	5'-10"	3'- 9"	1'- 2"	2'- 0"	6'-10"
42"	~	~	~	4'-5 "	7'-1¾"	5'- 0"	1'- 6"	2'-7⅜"	8'-0¼"	4'-6½"	7'-5⅛"	4'- 5"	1'-2½"	2'-1⅜"	8'-4⅜"	4'- 5"	4'- 6"	7'- 0"	4'- 3"	1'- 5"	2'-5½"	7'-11"
48"	~	~	~	5'- 0"	8'-2¾"	5'- 7"	1'-9½"	3'-1¼"	9'-1¾"	5'-1½"	8'-6⅛"	5'- 0"	1'- 6"	2'-7⅜"	9'-5⅜"	5'- 0"	5'- 0"	8'- 2"	5'- 0"	1'-9½"	3'-1½"	9'- 2"
54"	~	~	~	5'- 7"	9'- 4"	6'- 2"	2'- 1"	3'-7½"	10'-2½"	5'-8½"	9'-7¾"	5'- 7"	1'-9½"	3'-1¼"	10'-6¼"	5'- 6"	5'- 6"	9'- 2"	5'- 6"	2'-0½"	3'-6½"	10'- 0"
60"	~	~	~	6'- 2"	11'-4⅞"	6'- 9"	2'-4½"	4'-1⅜"	11'-3¼"	6'-3½"	10'-8⅛"	6'- 2"	2'- 1"	3'-7⅝"	11'-7⅝"	6'- 0"	6'- 0"	10'- 3"	6'- 0"	2'-3½"	4'- 0"	11'- 1"

DATE	REVISION	BY

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD DROP INLETS
(BUILT-IN-PLACE)

SCALE AS SHOWN — REV. & REDR. AUG., 1999

DES. ____ (SUBMITTED) James A. Kennedy
REV. ____ STATE ROAD & AIRPORT DESIGN ENGR.
TRA. ____ (APPROVED) Arnold L. Goldstein
CHK. ____ CHIEF ENGINEER

NUMBER 1019A

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/28/2019	

DESIGNED BY: RBJ
DWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/22/19
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NAME: 40-001.dwg
FILE NUMBER: -
PLOT SCALE: 1:1
PLOT DATE: 6/5/2020
SIZE: 22"x 34"

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 300
Phone 678.336.7340
Fax 678.336.7744

POND PROJECT No.:1190154

PONCE/CHURCH SIDEWALKS

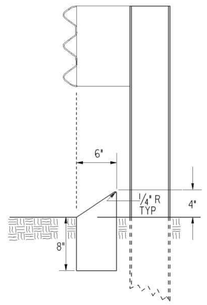
GEORGIA STANDARDS

SHEET IDENTIFICATION NUMBER
41-001

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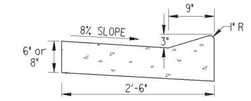
FACE OF CURB MUST ALIGN WITH BACK EDGE OF GUARDRAIL AND THE FACE OF THE OFFSET BLOCK.



TYPE 8

TYPE 8 CURB IS USED IN CONJUNCTION WITH GUARDRAIL CONNECTIONS TO CONCRETE BARRIER AS NOTED ON GA. STD. 401 2C.

RAISED EDGE WITH CONCRETE GUTTER



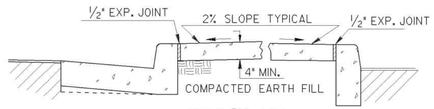
SCALE: 1" = 1FT.

RAISED EDGE TO BE CONSTRUCTED WITH SAME CONCRETE MIX AS THE GUTTER AND SHALL BE FORMED MONOLITHIC WITH GUTTER. JOINTS IN RAISED EDGE SHALL MATCH THOSE IN THE GUTTER.

NOTE:
IF CONCRETE MEDIAN INTERCEPTS PEDESTRIAN CROSSWALKS, WHEELCHAIR RAMPS (CONSTRUCTION DETAIL A-3 AND A-4) WILL BE REQUIRED.

CONCRETE MEDIAN (Between Curbs)

NOTE: CURB TYPES SHOWN ARE TYPICAL. OTHER TYPES MAY BE SPECIFIED.



SCALE: 3/4" = 1FT.

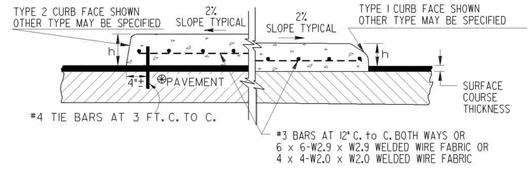
NOTE: WIDTH OF CONCRETE MEDIAN WILL BE AS SHOWN IN PLANS

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

CONCRETE MEDIANS (Integral)

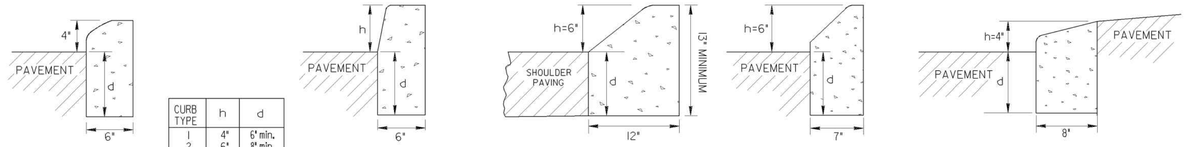
SCALE: 1"=1FT.

-WITH TIE BARS- -WITHOUT TIE BARS-



NOTE:
IF FINAL SURFACE COURSE IN PRESENT OR MUST BE INSTALLED BEFORE THE CONCRETE MEDIAN CAN BE INSTALLED, THEN DOWELED IN CONCRETE MEDIAN IS REQUIRED.

CONCRETE HEADER CURBS



TYPE 1 | TYPE 2, 3 OR 4 | TYPE 6 | TYPE 7 | TYPE 9 TRUCK APRON IN ROUNDABOUTS

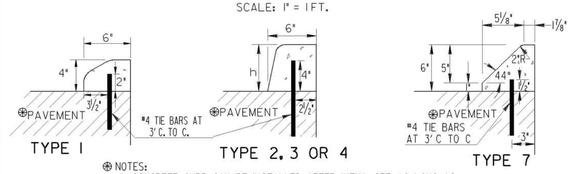
CURB TYPE	h	d
1	4"	6" min.
2	6"	8" min.
3	8"	10" min.
4	10"	12" min.
6	6"	7" min.
7	6"	8" min.
9	4"	8" min.

THE DIMENSION d MAY BE INCREASED AT CONTRACTOR'S OPTION SO BOTTOM OF HEADER CURB WILL ALIGN WITH BOTTOM OF PAVEMENT TYPICAL SECTION.

SCALE: 1 1/2" = 1FT.

CONCRETE DOWELED INTEGRAL CURBS

SCALE: 1" = 1FT.



⊕ NOTES:
1. CONCRETE CURB CAN BE INSTALLED AFTER INTIAL SET AS LONG AS TIE BARS ARE DRILLED INTO UNDERLAYING CONCRETE PAVEMENT.
2. CONCRETE CURB CAN BE INSTALLED BEFORE INITIAL SET WITH DOWELS THAT ARE DRIVEN INTO UNDERLYING CONCRETE PAVMENT.
3. JOINTS IN CURB AND CONCRETE MEDIAN WILL MATCH THOSE IN THE CONCRETE PAVEMENT.
4. ALL TYPES OF CONCRETE CURB CAN BE PLACED ON ASPHALT PAVEMENTS WHERE TIE BARS MAY BE EITHER DRIVEN OR DRILLED INTO THE UNDERLYING PAVEMENT. CONTRACTION JOINTS SHALL BE CONSTRUCTED IN CURB OR CONCRETE MEDAIN AT 20 FT. SPACING.

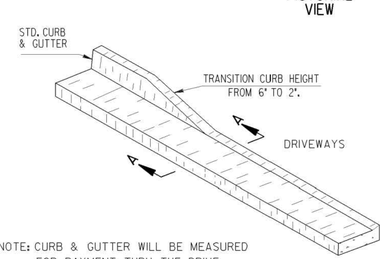
MINIMUM TIE BAR LENGTHS (FOR CONC. DOWELED CURBS OR CONC. MEDIAN)		
CURB TYPE	P.C. CONC. PAV.	ASPHALT PAV.
1	6"	8"
2, 3 or 4	8"	12"
7	6"	8"

NOTE:
TIE BARS FOR DOWELED CURBS MAY BE UNCOATED PLAIN OR DEFORMED BILLET-STEEL BARS (GRADE 40) AS USED FOR CONCRETE REINFORCEMENT. (AASHTO M-31)

DETAILS OF RECESSED CURB FOR DRIVEWAYS

NO SCALE

PICTORIAL VIEW



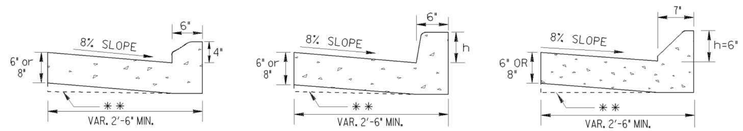
NOTE: CURB & GUTTER WILL BE MEASURED FOR PAYMENT THRU THE DRIVE



SECTIONAL VIEW
SECTION A-A

(SEE SEPARATE CONSTRUCTION DETAILS FOR DRIVEWAYS)

CONCRETE CURB & GUTTER

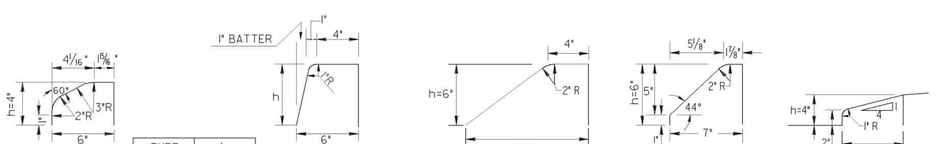


SCALE: 1"= 1FT.

TYPE 1 | TYPE 2, 3 OR 4 | TYPE 7

** AT CONTRACTOR'S OPTION THE GUTTER THICKNESS MAY BE INCREASED AT EDGE OF PAVEMENT TO MAKE BOTTOM OF GUTTER PARALLEL WITH PAVING OF BASE COURSE, BUT THE GUTTER THICKNESS MUST NOT BE LESS THAN THE SPECIFIED 6" OR 8" AT ANY POINT.

CURB FACE DESIGN

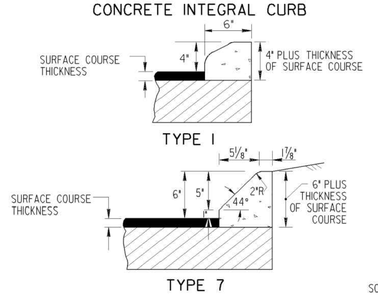


TYPE 1 | TYPE 2, 3 OR 4 | TYPE 6 | TYPE 7 | TYPE 9

TYPE	h
1	4"
2	6"
3	8"
4	10"
6	6"
7	6"
9	4"

SCALE: 2"=1FT.

CONCRETE INTEGRAL CURB



SCALE: 1 1/2" = 1FT.

DATE	DESCRIPTION	BY
11-15-11	REV. TYPE 9 CURB DETAIL & REV. OVERALL LAYOUT	TC
1-27-11	REV. MEDIAN NOTE AND	GLO
3-03	ADDED TYPE 9 CURB DETAIL	
	ADDED TYPE 9 DETAIL	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD

CONCRETE CURB & GUTTER
CONCRETE CURBS, CONCRETE MEDIANS

SCALE: AS SHOWN REVISED AND REDRAWN OCT. 2011

DES. ____ (SUBMITTED) STATE DESIGN POLICY ENGINEER
DRW. ____
TRA. ____ (APPROVED) CHIEF ENGINEER
CHK. ____

NUMBER 9032B

CITY OF CLARKSTON
where possibilities grow

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	FOR CONSTRUCTION - CONFORMED TO INCORPORATE ALL ADDENDA	3/28/2019	

DESIGNED BY: RBJ
DRAWN BY: SPT
CKD BY: TN
SUBMITTED BY:
DATE: 2/27/2019
SOLICITATION NO.: -
CONTRACT NO.: -
FILE NUMBER: -
FILE NAME: 40-001.dwg
SIZE: 24" x 36"
PLOT SCALE: 1:1
PLOT DATE: 1/28/2020

CITY OF CLARKSTON
SPLOST 4 PEDESTRIAN PROJECT D - PONCE/CHURCH SIDEWALK

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite E-2070
Phone: 678.336.7744
Fax: 678.336.7744

POND PROJECT No.1190154

PONCE/CHURCH SIDEWALKS

GEORGIA STANDARDS

SHEET IDENTIFICATION NUMBER
41-002

FILE PATH: \\ACP2SERVER\RESOURCES\PROJECTS\FY19\1190154.04\CAD_BIM\04.02.CADROWLAND_TRAIL\HEAD\40-001.DWG PLOTTED BY: THOMPSON, SYDNEY

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