PROJECT INFORMATION
PARCEL: 17 0037 LL0390
TAX DISTRICT: 59
PROPERTY CLASS: E1-EXEMPT- PUBLIC PROPERTY
LAND LOT: 0390
ZONING DISTRICT: R2
NEIGHBORHOOD: 1715

PROJECT SITE
TOTAL ACREAGE: 13.2792-AC (578,442-SF)
TOTAL DISTURBED AREA: 1.68-AC 73,328-SF)

IMPERVIOUS ADDED:	8,639-SF
IMPERVIOUS REMOVED:	6,287-SF
NET IMPERVIOUS:	2,352-SF

GPS COORDINATES OF HAMMOND DRIVE ENTRANCE:
33°33'1.37"N, 84°12'50.24"W (33.550381, -84.213956)

OWNER INFORMATION
MIKE PERRY - RECREATION AND PARKS, DIRECTOR 1
CITY OF SANDY SPRINGS
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328
770-235-3557
MPERRY@SANDYSPRINGSGA.GOV

DESIGNER OF RECORD
POND & COMPANY
3500 PARKWAY LANE SUITE 500
PEACHTREE CORNERS, GA 30092
404-748-4814
CONTACT: PEYTON LINGLE, P.E.
LINGLEP@PONDCO.COM

LAND SURVEYOR
TERRAMARK LAND SURVEYING, INC.
1396 BELLS FERRY ROAD
MARIETTA, GA 30066
770-421-1927
CONTACT: BILL WOHLFORD, R.L.S.
BWOHLFORD@TERRAMARK.COM

GEOTECHNICAL ENGINEER
UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
770-209-0029
CONTACT: ROMAN ZHEST
RZHEST@UNITEDCONSULTING.COM

SANDY SPRINGS - PARKS AND RECREATION

HAMMOND PARK

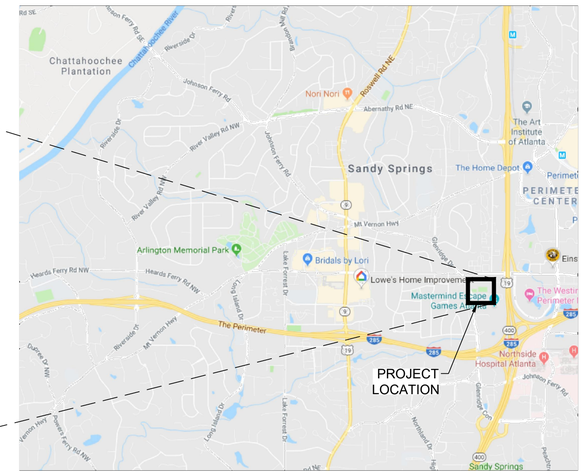
EROSION REPAIRS & SITE IMPROVEMENTS

6005 GLENRIDGE DRIVE
SANDY SPRINGS, GA 30328

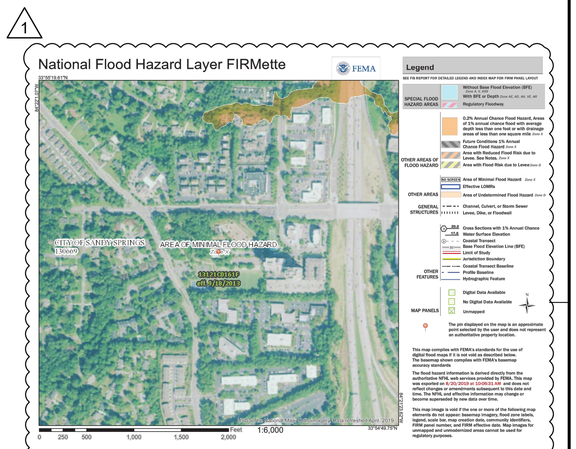
POND PROJECT NUMBER: 1190698
PROJECT LDP #: LDP20-00022

City of Sandy Springs
Community Development Department
Jesús Dávila 08/25/2020
Permitted
on behalf of the Director

PROJECT SITE MAP
N.T.S.



PROXIMITY MAP
N.T.S.



FEMA MAP - 13121C0161F
N.T.S.

INDEX OF DRAWING		INDEX OF DRAWING		INDEX OF DRAWING	
SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE
G-001	COVER	C-202	PROFILES	CE103	ES & PC PLAN - INITIAL
C-001	GENERAL NOTES	C-203	PROFILES	CE104	ES & PC PLAN - INITIAL
V-101	BOUNDARY AND TOPOGRAPHIC SURVEY	C-204	PROFILES	CE201	ES & PC PLAN - INTERMEDIATE
V-102	BOUNDARY AND TOPOGRAPHIC SURVEY	C-401	STORMWATER BMP ENLARGMENT & PROFILE	CE202	ES & PC PLAN - INTERMEDIATE
V-103	BOUNDARY AND TOPOGRAPHIC SURVEY	C-402	TENNIS COURT DRAINAGE SWALE ENLARGEMENT	CE203	ES & PC PLAN - INTERMEDIATE
V-104	BOUNDARY AND TOPOGRAPHIC SURVEY	C-403	GYMNASIUM DRAINAGE SWALE ENLARGEMENT	CE204	ES & PC PLAN - INTERMEDIATE
V-105	BOUNDARY AND TOPOGRAPHIC SURVEY	C-501	CONSTRUCTION DETAILS	CE301	ES & PC PLAN - FINAL
CD101	OVERALL DEMOLITION PLAN	C-502	CONSTRUCTION DETAILS	CE302	ES & PC PLAN - FINAL
CD102	DEMOLITION PLAN	C-503	CONSTRUCTION DETAILS	CE303	ES & PC PLAN - FINAL
CD103	DEMOLITION PLAN	C-504	CONSTRUCTION DETAILS	CE304	ES & PC PLAN - FINAL
CD104	DEMOLITION PLAN	C-505	CONSTRUCTION DETAILS	CE501	ES & PC DETAILS
LD101	OVERALL TREE PROTECTION & DEMOLITION PLAN	C-506	CONSTRUCTION DETAILS	CE502	ES & PC DETAILS
LD102	TREE PROTECTION & DEMOLITION PLAN	C-507	CONSTRUCTION DETAILS	CE503	ES & PC DETAILS
LD103	TREE PROTECTION & DEMOLITION PLAN	C-508	CONSTRUCTION DETAILS	CE504	ES & PC DETAILS
LD104	TREE PROTECTION & DEMOLITION PLAN	CE001	EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES	L-001	LANDSCAPE NOTES
LD105	TREE PROTECTION & DEMOLITION PLAN			LP101	OVERALL LANDSCAPE PLAN
LD106	TREE PROTECTION & DEMOLITION PLAN	CE002	EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES	LP102	LANDSCAPE PLANS
LD107	TREE INVENTORY & IMPACT LIST			LP103	LANDSCAPE PLANS
CS101	OVERALL SITE & REPAIR PLAN	CE003	EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES	LP104	LANDSCAPE PLANS
CS102	SITE & REPAIR PLAN			LP105	LANDSCAPE PLANS
CS103	SITE & REPAIR PLAN	CE004	EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES	LP106	LANDSCAPE PLANTING SCHEDULE
CS104	SITE & REPAIR PLAN			L-501	LANDSCAPE DETAILS
CG101	OVERALL GRADING PLAN	CE010	ES & PC PLAN - EXISITNG CONDITIONS DRAINAGE BASIN MAP	S-001	STRUCTURAL NOTES
CG102	GRADING PLAN			S-401	RETAINING WALL DETAILS
CG103	GRADING PLAN	CE011	ES & PC PLAN - POST-DEVELOPMENT DRAINAGE BASIN MAP	S-501	TYPICAL RETAINING WALL DETAILS
CG104	GRADING PLAN	CE101	ES & PC PLAN - INITIAL		
C-201	PROFILES	CE102	ES & PC PLAN - INITIAL		

24-HOUR LOCAL DEVELOPER CONTACT:
STEVE CIACCIO
(OFFICE) 770-206-2030
(CELL) 770-238-8062
SCIACCIO@SANDYSPRINGSGA.GOV

24-HOUR EROSION CONTROL CONTACT:
NAME:
COMPANY:
ADDRESS:
PHONE #:
GSWCC # EXPIRATION:
TITLE: REPRESENTATIVE FOR PRIMARY PERMITTEE (TO BE FILLED OUT BY CONTRACTOR UPON SELECTION, CONTRACTOR TO PROVIDE LEVEL I CERTIFICATION)

APPLICABLE CODES:
CITY OF SANDY SPRINGS CODE OF ORDINANCES
GEORGIA NPDES GENERAL PERMIT NO. GAR100001
2012 INTERNATIONAL BUILDING CODE (IBC)
NFPA 101 LIFE SAFETY CODE 2012 EDITION
INTERNATIONAL FIRE CODE 2012 EDITION
GEORGIA ACCESSIBILITY CODE 120-3-20 (.01-.08)

UTILITY NOTES:
1. SEWER SERVICE PROVIDED BY FULTON COUNTY.
2. WATER SERVICE PROVIDED BY THE CITY OF ATLANTA.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY	04-27-2020	

DESIGNED BY: PL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: G-001.dwg
SIZE: 22" X 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Suite 500
Peachtree Corners, GA 30092
Phone 678.338.7744
Fax 678.338.7744
POND PROJECT No.11190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

COVER

SHEET IDENTIFICATION NUMBER
G-001

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\G-001.DWG PLOTTED BY: LINGLE, PEYTON

SHEET NAMING CONVENTION

C-001

- 2 DIGIT DESCIPLINE DESIGNATOR (IF ONLY ONE LETTER IS USED, THE SECOND LETTER IS REPLACED WITH A DASH "-" AS A PLACEHOLDER)**
- 1 DIGIT SHEET TYPE DESIGNATOR
  - 0 - GENERAL
  - 1 - PLANS
  - 2 - PROFILES
  - 3 - SECTIONS
  - 4 - ENLARGED PLANS
  - 5 - DETAILS
  - 6 - SCHEDULES AND DIAGRAMS
  - 7 - VARIES
  - 8 - VARIES
  - 9 - 3D VIEWS (ISO, PERSPECTIVES)
- 2 DIGIT SEQUENTIAL # (01-99) (FIRST DIGIT INDICATES PLAN TYPE. SECOND DIGIT INDICATES FLOOR)

GENERAL NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH ALL CITY, COUNTY, STATE, AND FEDERAL REGULATIONS APPLICABLE TO CONSTRUCTION OF THIS SITE.
2. ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY THE CITY OF SANDY SPRINGS. WHERE CONFLICTS OR OMISSIONS EXIST, THE CITY'S STANDARDS SHALL DICTATE. SUBSTITUTIONS AND DEVIATION FROM PLANS AND SPECIFICATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE CITY OF SANDY SPRINGS.
3. ALL DIMENSIONS ARE TAKEN FROM/TO FENCE LINES, CENTERLINE OF UTILITY, CENTER OF MANHOLE OR CATCH BASIN, CENTERLINE OF ROAD, FACE OF BUILDING, FACE OF CURB, FACE OF WALL, OR CENTERLINE OF STRIPING UNLESS OTHERWISE NOTED.
4. EXISTING CONDITIONS SHOWN ARE BASED UPON SURVEY PERFORMED BY TERRAMARK LAND SURVEYING, INC. DATED 06/21/2019 AND REVISED 11/18/2019. ALL EXISTING UTILITY INFORMATION SHOULD BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OR ORDERING MATERIALS.
5. ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROVIDED, INSTALLED, AND MAINTAINED AS SHOWN ON THE APPLICABLE EROSION AND SEDIMENT CONTROL PLANS AND SHALL COMPLY WITH THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION REQUIREMENTS.
6. CONTRACTOR TO MOVE ALL CONSTRUCTION DEBRIS OFF THE PROPERTY AND DISPOSE OF DEBRIS AT A LEGAL, PERMITTED LANDFILL CONSISTENT WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
7. NO BURNING IS ALLOWED ON THIS PROPERTY.
8. CONTRACTOR TO ENSURE ALL EXISTING TOPS OF MANHOLES AND VALVE BOXES ARE RAISED OR LOWERED TO BE FLUSH WITH FINISHED GRADES, UNLESS NOTED OTHERWISE.
9. ALL NEW PAVEMENT AND SIDEWALKS SHALL BE CONSTRUCTED FLUSH WITH EXISTING, WITH NO PONDING OF STORMWATER, UNLESS NOTED OTHERWISE.
10. CONTRACTOR SHALL GRADE ALL DISTURBED AREAS TO ENSURE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND TO DRAINAGE STRUCTURES OR DITCHES. NATURAL FLOW OF SURROUNDING WATERS SHALL NOT BE DISTURBED DURING CONSTRUCTION, UNLESS SHOWN OTHERWISE.
11. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, COORDINATES, AND DIMENSIONAL INFORMATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BRING ALL DISCREPANCIES TO THE ATTENTION OF THE CITY PRIOR TO STARTING CONSTRUCTION.
12. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT) AND "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST EDITION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION OF ALL NEW UTILITIES WITH THOSE THAT ARE EXISTING. IF EXISTING UTILITIES ARE IN CONFLICT WITH NEW UTILITIES, THE SITE CONTRACTOR SHALL NOTIFY THE CITY BEFORE PROCEEDING WITH CONSTRUCTION.
14. ALL TOPSOIL AND EXCAVATED MATERIAL SHALL BE STOCKPILED IN AN APPROVED AREA DURING CONSTRUCTION. EXCESS OR UNUSABLE TOPSOIL SHALL BE DISPOSED OF OFF-SITE IN A MANNER THAT IS LEGAL AND CONSISTENT WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
15. 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 ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE CITY OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLAN OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE CITY. ANY FEES ASSOCIATED WITH UTILITY RELOCATIONS SHALL BE BORNE BY THE CONTRACTOR IN ACCORDANCE WITH RESPECTIVE UTILITY COMPANY STANDARDS. THE CONTRACTOR SHALL COORDINATE DISCONNECTION OF EXISTING UTILITIES WITH THE APPROPRIATE UTILITY PROVIDER.
16. UTILITIES INDICATED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SANDY SPRINGS SPECIFICATIONS. GRADING SHALL BE AS INDICATED, AND SHALL PRODUCE A FINISHED SURFACE WITH NO PONDING OF WATER, READY TO RECEIVE PLANTING MATERIALS OR GRASSING.
17. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND IN HAND BEFORE BEGINNING ANY 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 ABOVE REQUIREMENTS, SHALL BE FULLY BORNE BY THE CONTRACTOR.
18. ALL CONTRACTORS/SUBCONTRACTORS THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION, SEDIMENTATION AND POLLUTION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS, AND PERMITS.
19. AREAS DISTURBED BY THE CONTRACTOR, WHICH ARE NOT PART OF THIS PROJECT, SHALL BE RETURNED TO ORIGINAL OR BETTER CONDITION PRIOR TO THE COMPLETION OF THE PROJECT AS DETERMINED BY THE CITY.
20. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY THE APPLICABLE REGULATORY AGENCY.
21. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
22. PROTECT ALL EXISTING FEATURES AND EXISTING LANDSCAPING THAT WILL REMAIN. ANY ITEM DAMAGED DURING THE PERFORMANCE OF THE WORK WILL BE RESTORED TO ORIGINAL CONDITION, OR REPLACED WITH NEW AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID OVERLOADING PAVEMENTS WHICH WILL REMAIN.
23. EACH SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
24. SHEET KEYNOTES ON THE PLANS ARE SPECIFIC TO THAT SHEET ONLY. MISSING SEQUENTIAL NUMBERS DO NOT APPLY TO THAT SHEET.
25. THE CONTRACTOR SHALL GIVE AT LEAST 14-DAYS ADVANCED NOTICE TO CITY OF SANDY SPRINGS, FULTON COUNTY WATER SERVICES AND CITY OF ATLANTA DEPARTMENT OF WATERSHED MANAGEMENT PRIOR TO ANY WORK REQUIRING A UTILITY OUTAGE.

CIVIL DEMOLITION NOTES

1. "DEMOLISH" SHALL MEAN TO REMOVE AN OBJECT IN ITS ENTIRETY UNLESS OTHERWISE NOTED. RESTORE GRADES AND SURFACE IMPROVEMENTS TO MATCH EXISTING CONDITIONS OR PER REQUIREMENTS OF NEW WORK, WHICHEVER IS APPLICABLE.
2. EROSION AND SEDIMENTATION CONTROL MEASURES AND TEMPORARY CONSTRUCTION FENCING SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
3. CONTRACTOR SHALL ESTABLISH SURVEY CONTROL NETWORK OUTSIDE LIMITS OF DEMOLITION PRIOR TO COMMENCEMENT OF WORK. THIS WORK MUST BE PERFORMED BY LICENSED & REGISTERED GEORGIA LAND SURVEYOR.
4. ALL DEMOLITION WORK SHALL BE COORDINATED WITH CONTRACTOR'S SCHEDULE, LOGISTICS PLAN (APPROVED BY CITY), EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PRIOR TO WORK.

CIVIL SITE NOTES

1. CONTRACTOR SHALL FURNISH AND MAINTAIN ANY AND ALL NECESSARY BARRICADES AROUND THE WORK AND PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
2. ALL BUILDING DIMENSIONS SHALL BE VERIFIED AND COORDINATED WITH THE ARCHITECTURAL PLANS.
3. PAVEMENT MARKINGS, INCLUDING ANY STANDARD HANDICAP SYMBOLS, PARKING STRIPING AND TRAFFIC ARROWS, SHALL BE PAINTED ON PAVEMENT AT LOCATIONS SHOWN.
4. ALL SIGNAGE SHALL CONFORM TO THE MOST RECENT GDOT AND MUTCD STANDARDS AND SPECIFICATIONS.

GRADING AND DRAINAGE NOTES

1. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES TO PREVENT SATURATION OF EXPOSED SOILS IN CASE OF SUDDEN RAINS, AND FOR ALL FINISHED GRADING. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY SITE CLEARING OR EXCAVATION. 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.
3. ALL BACKFILL AND FILL MATERIAL SHALL BE FREE OF ORGANIC MATTER AND WASTE.
4. THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL FENCING FROM THE SITE PRIOR TO FINAL PROJECT ACCEPTANCE, AND SHALL SMOOTH THE GROUND SURFACE WHERE THE FENCE WAS REMOVED THEN MULCH OR SEED & STRAW (SEASON APPROPRIATE GRASS) THE RESTORED SURFACE AS SUNLIGHT CONDITIONS WARRANT.
5. CONTRACTOR SHALL MARK, PRESERVE AND PROTECT ALL SURVEY BENCHMARKS. IF BENCHMARK MUST BE DEMOLISHED FOR CONSTRUCTION, CONTRACTOR SHALL RELOCATE BENCHMARK AND PROVIDE NEW DATA ON AS-BUILTS.
6. ALL CUT AND FILL SLOPES SHALL BE 2H:1V OR FLATTER (SEE PLANS) UNLESS NOTED OTHERWISE.
7. ALL SPOT ELEVATIONS NOTED ARE FINISHED GRADE.

ABBREVIATIONS

@	AT
&	AND
Ø	DIAMETER
APPR	APPROVED
APPROX	APPROXIMATELY
BLDG	BUILDING
BM	BENCHMARK
BOT	BOTTOM
℄	CENTERLINE
CF	CUBIC FEET
CONC	CONCRETE
COR	CONTRACTING OFFICER'S REPRESENTATIVE
DI	DROP INLET
DIA	DIAMETER
DB	DUCTBANK
DIP	DUCTILE IRON PIPE
DS	DOWNSPOUT
E	EASTING
EG	EXISTING GRADE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FT	FEET
GAB	GRADED AGGREGATE BASE
GIS	GEOGRAPHIC INFORMATION SYSTEM
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HORZ	HORIZONTAL
HT	HEIGHT
HW	HEADWALL
IBW	INSIDE BOTTOM OF WALL
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
INC	INCORPORATED
INV	INVERT
IPF	IRON PIN FOUND
IPS	IRON PIN SET
JB	JUNCTION BOX
LF	LINEAR FEET
LOD	LIMITS OF DISTURBANCE
LP	LIGHTING PROTECTION
MAX	MAXIMUM
M.E.	MATCH ELEVATION
MECH	MECHANICAL
MES	MITERED END SECTION
MIN	MINIMUM
MON	MONUMENT
N	NORTHING
N/F	NOW OR FORMERLY
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OWS	OIL/WATER SEPARATOR
PIV	POST INDICTOR VALVE
POL	PETROLEUMS, OILS, AND LUBRICANTS
PROP	PROPOSED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
QC	QUALITY CONTROL
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
SD	STORM DRAIN
SF	SQUARE FEET
SPEC	SPECIFICATIONS
SQ	SQUARE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
TBM	TEMPORARY BENCHMARK
TYP	TYPICAL
VERT	VERTICAL
WI	WEIR INLET
WM	WATER METER
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
W/	WITH
W/C	WATER TO CEMENT
YR	YEAR

LEGEND

DESCRIPTION	EXISTING	PROPOSED
BOLLARD	N/A	
PAVEMENT PATCH	N/A	
SILT FENCE	N/A	SF
LIMITS OF DISTURBANCE	N/A	LOD LOD
FIRE HYDRANT	FH FH	
SLOPE	N/A	S
SIDEWALK	N/A	
CLEANOUT	C.O.	CO
GRATE INLET		
CATCH INLET		
POST INDICATOR VALVE	N/A	PIV
BENCHMARK		N/A
ROW MONUMENT	ROW	N/A
SECTION CORNER		N/A
TRANSFORMER	ET	N/A
HVAC	HC	N/A
ELECTRIC METER	EM	N/A
ELECTRIC MANHOLE	E	N/A
GUY POLE | POWER POLE	GP	N/A
LIGHT POLE		N/A
PARKING LOT LIGHTS		N/A
TELEPHONE MANHOLE	T	N/A
FIBER OPTIC PEDESTAL	F	N/A
GAS METER/VALVE	G G	N/A
STORM MANHOLE	ST	N/A
SANITARY MANHOLE	SS	N/A
STORM ENDSECTION		N/A
DOWNSPOUT	D.S.	
WATER METER / VALVES	W W	WV
SIGNS		
ADA PARKING		
PARKING COUNT	24	24
TREES		
SHRUB		N/A
SPOT GRADE	801.25	+792.99
SOIL BORING	SB	N/A
ROAD CENTERLINE		N/A
MINOR CONTOUR	799	799
MAJOR CONTOUR	800	800
TELEPHONE UNDER GR.	[T]	N/A
TELEPHONE OVERHEAD	[OH-T]	N/A
FIBER OPTIC	[FO] [FO]	N/A
GAS SERVICE	[G]	G G
POWER UNDERGROUND	[E]	UE UE
POWER OVERHEAD	[OH-E]	N/A
WATER SERVICE	[W]	W
SANITARY SEWER	[S]	SS SS
STORM SEWER		
CHAIN LINK FENCE		X X
PHOTO SYMBOL	1	N/A
JUNCTION BOX	N/A	D

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DATE: 14 FEB 2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020
DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: PIL
FILE NAME: C-001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 500
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

GENERAL NOTES

SHEET IDENTIFICATION NUMBER
C-001

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\C-001.DWG PLOTTED BY: LINGLE, PEYTON

BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
POND & COMPANY, INC.
(HAMMOND PARK)
LOCATED IN
LAND LOT 37, 17TH DISTRICT
CITY OF SANDY SPRINGS, FULTON COUNTY, GEORGIA

SITE AREA

578,442 SQ.FT.
OR
13.2792 AC.

SURVEY NOTES

EQUIPMENT USED:
A TRIMBLE "S" SERIES TOTAL STATION WAS USED TO OBTAIN ANGULAR MEASUREMENTS AND DISTANCE MEASUREMENTS.

A TRIMBLE R-10 DUAL FREQUENCY GPS UNIT WAS USED FOR ESTABLISHING CONTROL. A NETWORK ADJUSTED RTK SURVEY WAS PERFORMED AND ADJUSTED BY RELATIVE POSITIONAL ACCURACY.

THE FIELD DATA UPON WHICH THIS SURVEY IS BASED HAD A CLOSURE OF ONE FOOT IN 150,693 FEET AND AN ANGULAR ERROR OF 5" PER ANGLE POINT AND WAS ADJUSTED USING THE COMPASS RULE.

THE BEARINGS SHOWN ON THIS SURVEY ARE COMPUTED ANGLES BASED ON A GRID BEARING BASE (GA WEST ZONE) NAD83.

ALL HORIZONTAL DISTANCES SHOWN ARE GROUND DISTANCES. MEASURING UNITS OF THIS SURVEY ARE IN U.S. SURVEY FEET.

CONTOURS ARE SHOWN AT ONE FOOT INTERVALS. ELEVATIONS ARE BASED ON RTK GLOBAL POSITIONING SYSTEMS OBSERVATION AND ARE RELATIVE TO NAVD 88 DATUM.

FIELD WORK FOR THIS PROPERTY WAS DONE ORIGINALLY ON JUNE 19, 2019, AND REVISTED FOR REVISONS ON NOVEMBER 2, 2019.

DUE TO VARIANCES IN GPS EQUIPMENT, TECHNIQUES, FEDERAL ADJUSTMENTS TO STATE PLANE MODELS AND DAILY CONDITIONS IMPACTING GPS RECEPTIVITY, GPS SOLUTIONS MAY VARY FROM THOSE PROVIDED ON THIS SURVEY BOTH HORIZONTALLY AND VERTICALLY. ANY AND ALL CONTRACTORS, CONSULTANTS, INDIVIDUALS OR ENTITIES RELYING ON STATE PLANE COORDINATES TO RELATE TO DATA PROVIDED ON THIS SURVEY MUST LOCALIZE TO THE SURVEY CONTROL, BENCHMARKS OR PROPERTY MONUMENTATION, ESTABLISHED BY THIS SURVEY IN ORDER TO ENSURE ACCURACY OF DATA. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR ISSUES ENCOUNTERED DUE TO FAILURE TO LOCALIZE DIRECTLY TO THIS SURVEY DATUM.

INFORMATION REGARDING SIZE, LOCATION, AND SPECIES OF EXISTING TREES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE SIZE AND SPECIES OF THE SAID TREES WITHOUT VERIFICATION FROM THE DESIGNATED ARBORIST BY THE LOCAL REGULATORY AUTHORITY. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON EXCEPT BY APPROVAL OF SAID AUTHORITY.

THIS SURVEY MAY NOT REPRESENT OFFSITE PAINT STRIPING AND TOPOGRAPHY IN THE ROADWAYS TO THE ACCURACY REQUIRED FOR LANE DESIGN. TERRAMARK LOCATED THE EDGE OF PAVING ONLY. THE ACCURACY OF PAINT LOCATIONS AND TOPOGRAPHY SHOULD BE VERIFIED WITH SURVEYOR PRIOR TO USING THIS SURVEY FOR DESIGN.

INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER, AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY TO THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON AS TO SUCH UNDERGROUND INFORMATION.

INFORMATION REGARDING STORM SEWER AND SANITARY SEWER AS SHOWN HEREON, IS BASED ON OBSERVATIONS TAKEN BY TERRAMARK EMPLOYEES AT THE GROUND ELEVATION OF THE EXISTING STRUCTURE. TERRAMARK EMPLOYEES ARE NOT AUTHORIZED TO ENTER A CONFINED SPACE SUCH AS A STRUCTURE. THEREFORE, THERE IS NO CERTAINTY OF THE PIPE SIZES AND PIPE MATERIAL THAT ARE SHOWN ON THIS SURVEY. EXCAVATION BY A CERTIFIED CONTRACTOR IS THE ONLY WAY TO VERIFY PIPE SIZE AND MATERIAL. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THE PIPE INFORMATION SHOWN HEREON.

TERRAMARK LAND SURVEYING, INC. WAS UNABLE TO DETERMINE THE EXTENT OF PIPES MARKED AS APPROXIMATE DIRECTION ONLY. AFORESAID PIPE IS DRAWN ON THE SURVEY TO REFLECT THE OBSERVED DIRECTION BASED UPON A VISUAL INSPECTION OF THE STRUCTURE ONLY AND IS SHOWN FOR INFORMATIONAL PURPOSES.

STATE WATERS AND BUFFERS AS SHOWN OR NOT SHOWN HEREON ARE SUBJECT TO REVIEW BY LOCAL JURISDICTION OFFICIALS. IT IS THE RESPONSIBILITY OF THE LOCAL AUTHORITY TO DETERMINE SPECIFIC WATER CLASSIFICATION. THEREFORE TERRAMARK LAND SURVEYING ACCEPTS NO RESPONSIBILITY IN THE IDENTIFICATION OF SAID WATERS OR BUFFERS IDENTIFIED OR NOT IDENTIFIED HEREON.

PROPERTY IS SUBJECT TO RIGHTS OF UPPER AND LOWER RIPARIAN OWNERS IN AND TO THE WATER OF CREEKS AND BRANCHES CROSSING OR ADJOINING SUBJECT PROPERTY AND THE NATURAL FLOW THEREOF, FREE FROM DIMINUTION OR POLLUTION.

THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE PERSON, PERSONS OR ENTITY NAMED HEREON. THIS SURVEY DOES NOT EXTEND TO ANY UNNAMED PERSON, PERSONS OR ENTITY WITHOUT THE EXPRESS CERTIFICATION BY THE SURVEYOR NAMING SAID PERSON, PERSONS OR ENTITY.

TERRAMARK LAND SURVEYING, INC. DOES NOT WARRANT THE EXISTENCE OR NON-EXISTENCE OF ANY WETLANDS OR HAZARDOUS WASTE IN THE SURVEY AREA.

TITLE NOTES

ACCORDING TO THE "FIRM" (FLOOD INSURANCE RATE MAP) OF FULTON COUNTY, GEORGIA (PANEL NUMBER 13121C0161F), DATED SEPTEMBER 18, 2013; NO PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA.

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, WHICH COULD REVEAL ENCUMBRANCES NOT SHOWN ON THIS SURVEY.

SUBJECT PROPERTY HAS ACCESS TO THE PUBLIC RIGHT OF WAY OF GLENRIDGE DRIVE AND HAMMOND DRIVE.

SITE INFORMATION

CURRENT OWNER: CITY OF SANDY SPRINGS
DB. 44050 PG. 628

TAX PARCEL ID # 17 0037 LL0408, 17 0037 LL0390, & 17 0037 LL0374

ADDRESS: 705 HAMMOND DRIVE

ZONING: PK (PARKS)
JURISDICTION: CITY OF SANDY SPRINGS

SETBACKS:
FRONT - 10 FEET
SIDE - 10 FEET
REAR - 10 FEET

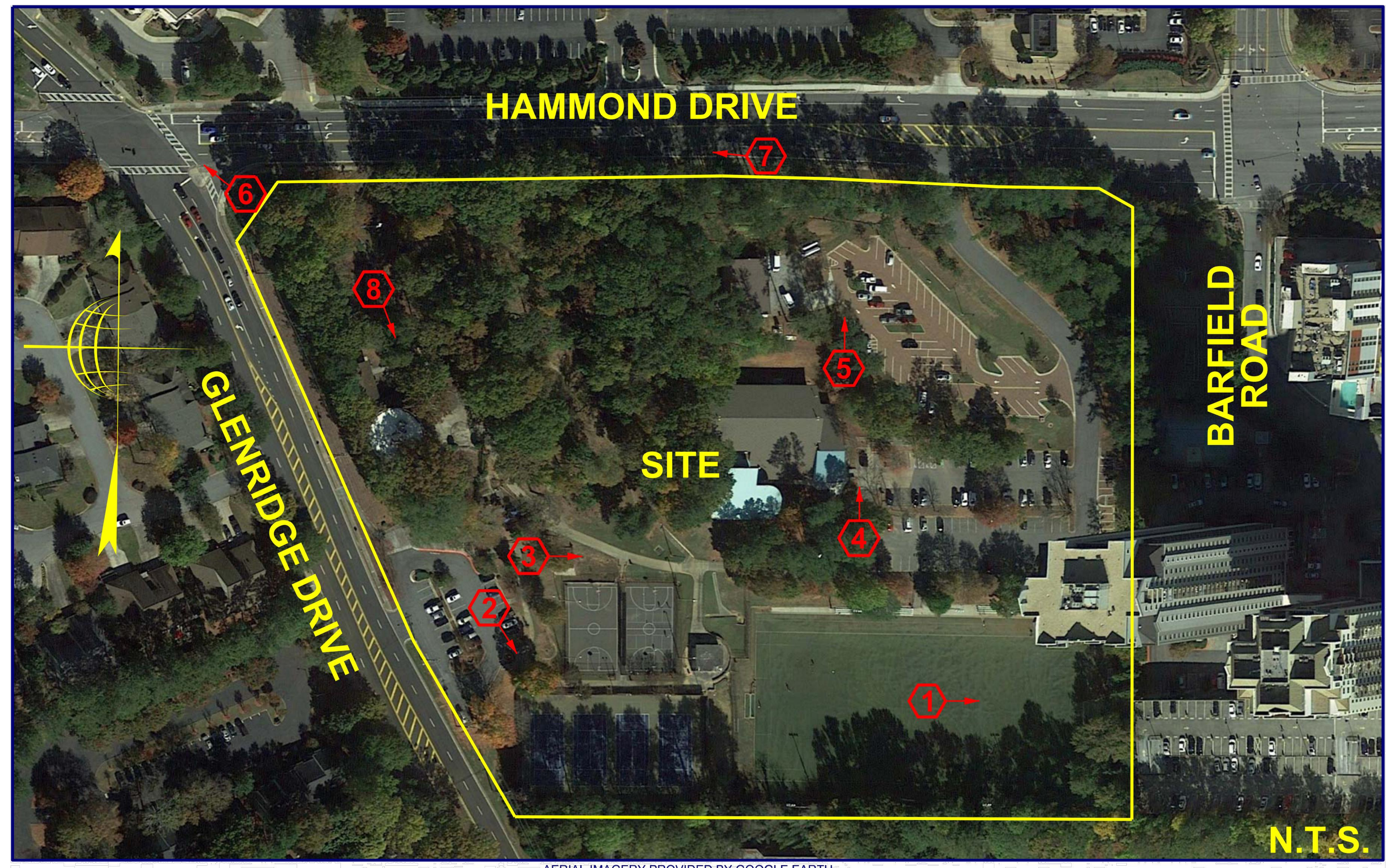
MAXIMUM BUILDING HEIGHT - 35 FEET

REFERENCE MATERIAL

1. QUIT CLAIM DEED BETWEEN CITY OF SANDY SPRINGS AND THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF GEORGIA RECORDED IN DB. 46833 PG. 279 AMONG THE LAND RECORDS OF FULTON COUNTY, GEORGIA
2. QUIT CLAIM DEED AND RESTRICTIVE COVENANTS BETWEEN FULTON COUNTY AND THE CITY OF SANDY SPRINGS RECORDED IN DB. 44050 PG. 628 AFORESAID LAND RECORDS
3. HAMMOND PARK ARBORIST REPORT; PROJECT #19-05-20-02 PREPARED BY OUTDOOR SPACES, LLC FILE RECEIVED ELECTRONICALLY ON MAY 29, 2019

SITE MAP

(#) → PICTURE LOCATION AND DIRECTION



AERIAL IMAGERY PROVIDED BY GOOGLE EARTH
IMAGE DATED NOVEMBER 16, 2018

PHOTO #1

PHOTO #2

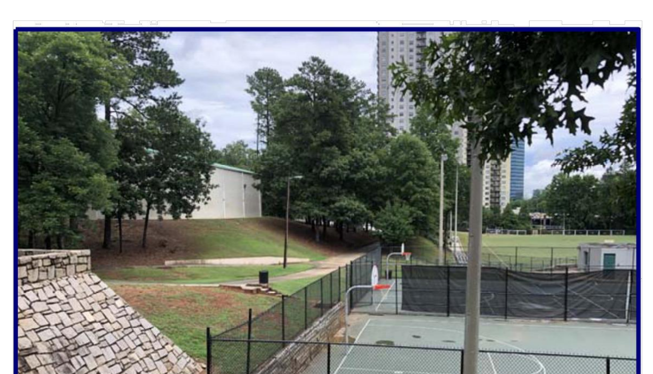


PHOTO #3

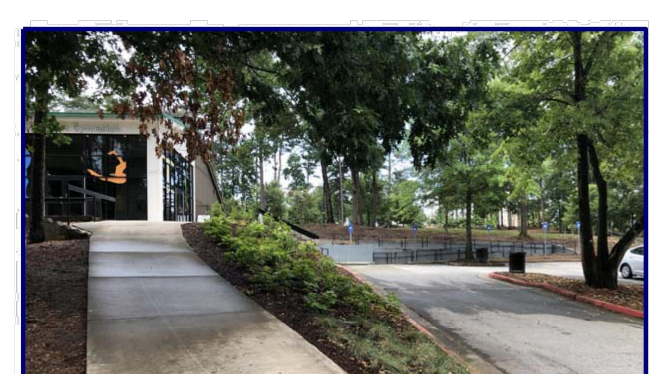


PHOTO #4

PHOTO #5

PHOTO #6

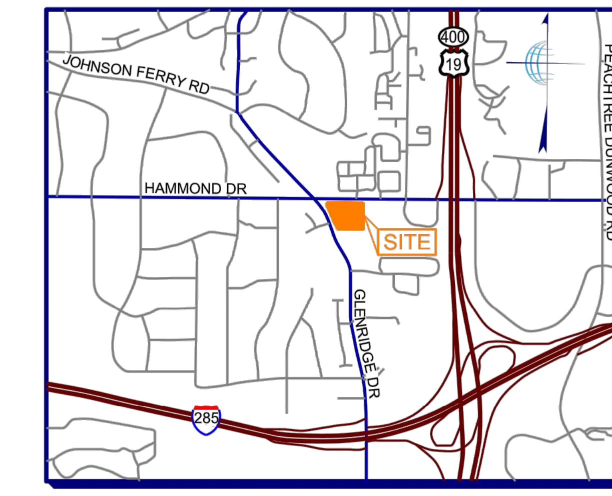
PHOTO #7

PHOTO #8

ENCROACHMENT TABLE

(#) AREA OF ENCROACHMENT

1. GUY WIRES, FENCE LINES, AND CONCRETE WALKWAY CROSS PROPERTY LINE
2. GUY WIRES AND ASPHALT WALKWAY CROSS PROPERTY LINE
3. GUY WIRES, OVERHEAD ELECTRIC LINES, AND ENTRANCE CURBLINES CROSS PROPERTY LINE
4. FENCE LINE MEANDERS ALONG PROPERTY LINE
5. FENCE LINE MEANDERS ALONG PROPERTY LINE AND A PORTION OF CONCRETE WALKWAY ENCROACHES PROPERTY LINE
6. FENCE LINE CROSSES PROPERTY LINE
7. SANITARY SEWER PIPE AND STORM DRAINAGE PIPE CROSS PROPERTY LINE
8. GUY WIRE CROSSES PROPERTY LINE
9. ENTRANCE CURBING CROSSES PROPERTY LINE
10. SIDEWALK, OVERHEAD ELECTRIC LINES, AND WALL CROSS PROPERTY LINE
11. GUY WIRES CROSS PROPERTY LINE



LOCATION MAP

NOT TO SCALE
LAT - 33°55'06.41" N
LONG - 84°21'40.63" W

SPECIAL NOTES

1. CERTIFICATION AND DECLARATION IS MADE TO THE ENTITIES AS LISTED IN THE TITLE BLOCK AND/OR CERTIFICATIONS. THE CERTIFICATIONS AND DECLARATIONS ON THIS PLAT ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
2. SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OR FACILITIES THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.
3. PURSUANT TO RULE 180-6.09 OF THE GEORGIA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS, THE TERM "CERTIFICATION" RELATING TO PROFESSIONAL ENGINEERING AND LAND SURVEYING SERVICES SHALL MEAN A SIGNED STATEMENT BASED UPON FACTS AND KNOWLEDGE KNOWN TO THE REGISTRANT AND IS NOT A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED.
4. THIS SURVEY IS NOT PREPARED IN ACCORDANCE TO HB 76 AND SHALL NOT BE RECORDED WITHIN THE APPLICABLE LAND RECORDS.

PROPERTY DESCRIPTION

Being all that tract or parcel of land lying and being in Land Lot 37, 17th District, Fulton County, City of Sandy Springs, Georgia and being more particularly described as follows:

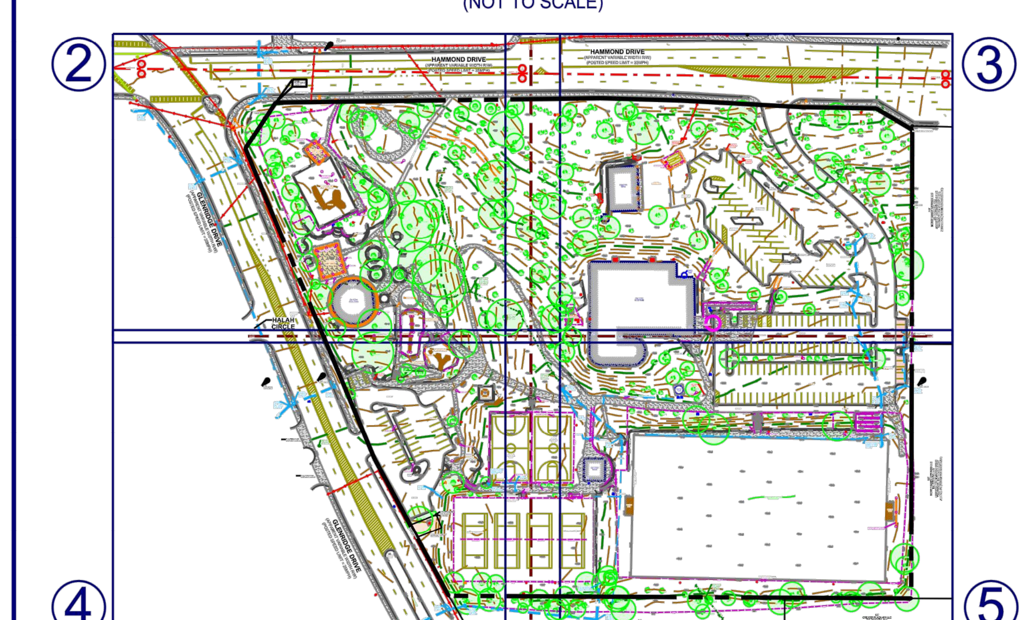
Beginning for the same at a 1/2 inch capped rebar set at the northeast end of a mitered intersection of the Easterly Right of Way Line of Glenridge Drive (an apparent variable width right of way) and the Southerly Right of Way Line of Hammond Drive (an apparent variable width right of way), said point being 10.5 feet behind the existing back of curb, and said point being at State Plane Coordinate (Georgia West Zone) of North: 1,425,599.75; East: 2,236,894.11; thence, leaving the said Point of Beginning and running with the said line of Hammond Drive

1. North 89° 13' 44" East, 462.49 feet; thence,
2. South 88° 23' 32" East, 112.67 feet; thence,
3. South 86° 55' 22" East, 174.92 feet; thence,
4. South 88° 56' 51" East, 105.05 feet; thence,
5. South 59° 12' 44" East, 59.56 feet to a disk in a concrete monument found; thence, leaving the aforesaid line of Hammond Drive and running with the property line common to Park Towers and property now or formerly owned by MCREF Sandy Springs, LLC as described in a deed recorded among the Land Records of Fulton County, Georgia in Deed Book 57523, Page 619
6. South 00° 07' 45" West, 666.74 feet; thence, running with the property now or formerly owned by CRE CEP Plaza 400, LLC as described in deeds recorded among the aforesaid Land Records in Deed Book 55213, Page 557 and Deed Book 55213, Page 560
7. North 89° 40' 34" West, 658.33 feet to a 1/2 inch capped rebar set on the aforesaid line of Glenridge Drive, said point being 10.5 feet behind the existing back of curb; thence, running with the said line of Glenridge Drive
8. North 28° 27' 52" West, 221.33 feet; thence,
9. North 22° 35' 26" West, 478.31 feet to a 1/2 inch capped rebar set; thence, running along the aforesaid mitered intersection
10. North 33° 19' 09" East, 78.47 feet to the Point of Beginning, containing 578,442 square feet or 13.2792 acres of land, more or less.

Property is subject to all easements and rights of way recorded and unrecorded.

SHEET INDEX

(NOT TO SCALE)



1.) TITLE PAGE
2.) TOPOGRAPHIC SURVEY
3.) TOPOGRAPHIC SURVEY
4.) TOPOGRAPHIC SURVEY
5.) TOPOGRAPHIC SURVEY

UTILITY PROVIDERS

GAS

SOUTHERN COMPANY GAS
(F.K.A. ATLANTA GAS LIGHT)
10 PEACHTREE STREET NE
ATLANTA, GA 30309
HILINA ALEMAYEHU
(404) 584-3474

POWER

GEORGIA POWER COMPANY
823 JEFFERSON STREET
ATLANTA, GA 30318
(404) 506-4569
IKE COLLINS

WATER

CITY OF ATLANTA DEPARTMENT OF WATERSHED MANAGEMENT
651 14TH STREET
ATLANTA, GA 30318
(404) 330-6600
JAMES BOSTWICK

COMMUNICATION

COMCAST
(770) 559-6879
SANDRA ANDREWS

VERIZON / MCI
2400 N GLENVILLE
RICHARDSON, TX 75082
(478) 471-1042
DENNIS RAINEY

FIBERLIGHT, LLC
11700 GREAT OAKS WAY, STE. 100
ALPHARETTA, GA 30022
DELL MILLER

ZAYO FIBER SOLUTIONS
400 CENTENNIAL PKWY. STE. 200
LOUISVILLE, CO 80027
(678) 666-2493
NIC FLORES

AT&T
208 S. AKARD ST
DALLAS, TX 75202
ANGELO HINES
(770) 784-3972

CROWN CASTLE NG NETWORKS, INC
1220 AUGUSTA DRIVE, SUITE 600
HOUSTON, TX 77057
(866) 482-8890

CENTURY LINK
100 CENTURYLINK DRIVE
MONROE, LA 71203
(888) 723-8010

SURVEYOR'S CERTIFICATE

THIS SURVEY WAS PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180-7 OF THE RULES OF GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN THE GEORGIA SURVEY ACT O.C.G.A 15-6-67. AUTHORITY O.C.G.A. SECS. 15-6-67, 43-15-4, 43-15-6, 43-15-19, 43-15-22

GEORGIA REGISTERED No. 2577 LAND SURVEYOR WILLIAM C. WOHLFORD, JR.

WILLIAM C. WOHLFORD, JR., RLS
REGISTERED NUMBER: 2577

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

SEAL

MARK	DESCRIPTION	DATE	APPR.

No	Revision	Date
#1	UPDATED STORM DRAIN LOCATIONS	11/08/19
#2	UPDATED BNDY LABEL	11/18/19
#3		
#4		
#5		
#6		
#7		
#8		

PATH: S: SURVEY\ 2019\ 2019-091\ DGN\ TOPO.DGN

Project No.: 2019-091
Survey Crew: NK
Drawn By: RFS
Approved By: WCW
Date: 06-21-19
Scale: 1"=20'

LOCATED IN
LAND LOT 37, 17TH DISTRICT
CITY OF SANDY SPRINGS
FULTON COUNT, GEORGIA

TerraMark Land Surveying, Inc.
1396 Bells Ferry Road
Marietta, Georgia 30066
Phone No. (770) 421-1927
Fax. No. (770) 421-0552
www.TerraMark.com
C.O.A.# LSF000810
TerraMark Professional Land Surveying

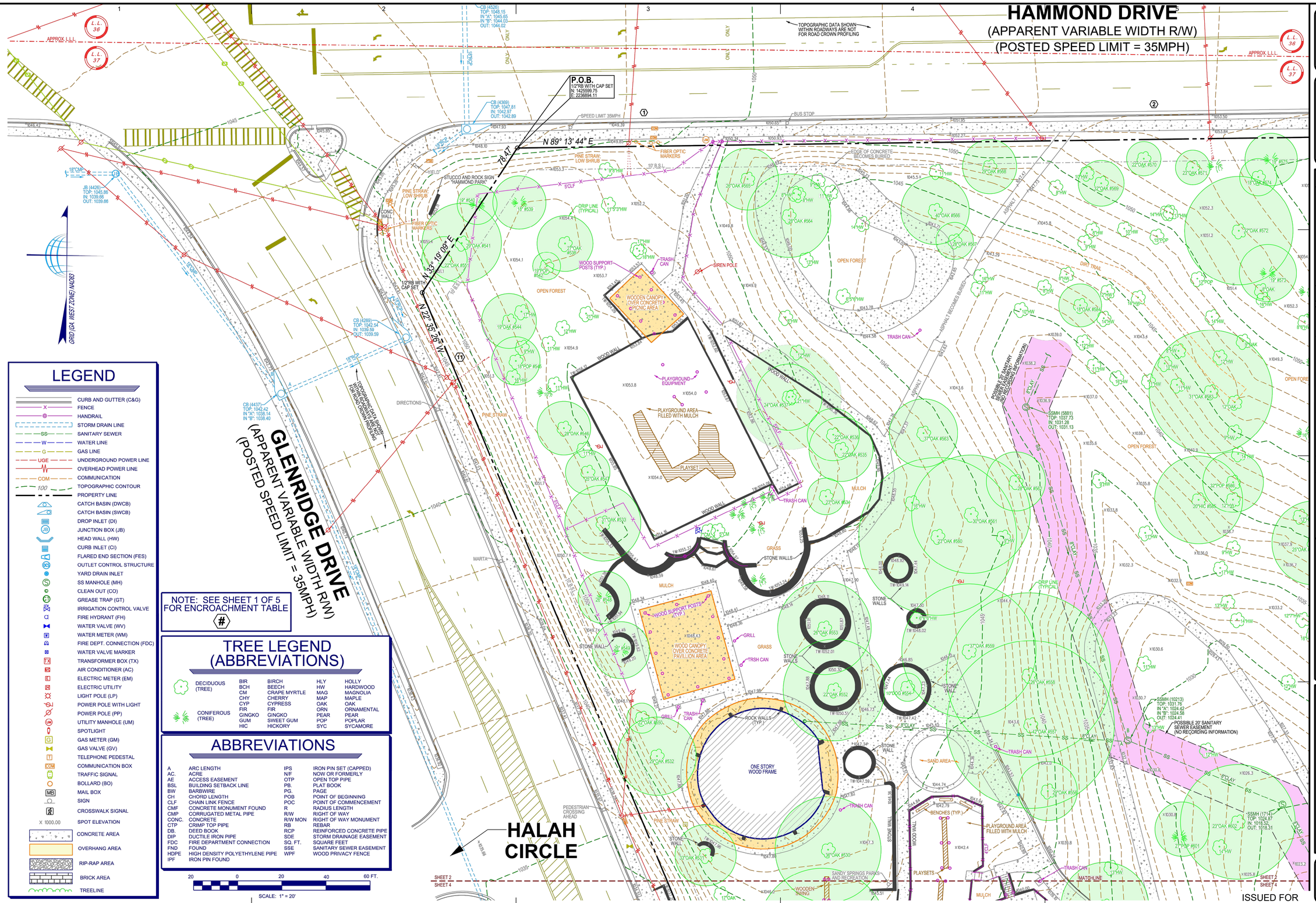
BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
POND & COMPANY, INC.
(HAMMOND PARK)

BOUNDARY AND TOPOGRAPHIC SURVEY

SHEET IDENTIFICATION NUMBER
V-101

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\V-100.DWG PLOTTED BY: LINGLE, PEYTON

HAMMOND DRIVE
(APPARENT VARIABLE WIDTH R/W)
(POSTED SPEED LIMIT = 35MPH)



LEGEND

- CURB AND GUTTER (C&G)
- FENCE
- HANDRAIL
- STORM DRAIN LINE
- SANITARY SEWER
- WATER LINE
- GAS LINE
- UNDERGROUND POWER LINE
- OVERHEAD POWER LINE
- COMMUNICATION
- TOPOGRAPHIC CONTOUR
- PROPERTY LINE
- CATCH BASIN (DWCB)
- CATCH BASIN (SWCB)
- DROP INLET (DI)
- JUNCTION BOX (JB)
- HEAD WALL (HW)
- CURB INLET (CI)
- FLARED END SECTION (FES)
- OUTLET CONTROL STRUCTURE
- YARD DRAIN INLET
- SS MANHOLE (MH)
- CLEAN OUT (CO)
- GREASE TRAP (GT)
- IRRIGATION CONTROL VALVE
- FIRE HYDRANT (FH)
- WATER VALVE (WV)
- WATER METER (WM)
- FIRE DEPT. CONNECTION (FDC)
- WATER VALVE MARKER
- TRANSFORMER BOX (TX)
- AIR CONDITIONER (AC)
- ELECTRIC METER (EM)
- ELECTRIC UTILITY
- LIGHT POLE (LP)
- POWER POLE WITH LIGHT
- POWER POLE (PP)
- UTILITY MANHOLE (UM)
- SPOTLIGHT
- GAS METER (GM)
- GAS VALVE (GV)
- TELEPHONE PEDESTAL
- COMMUNICATION BOX
- TRAFFIC SIGNAL
- BOLLARD (BO)
- MAIL BOX
- SIGN
- CROSSWALK SIGNAL
- X 1000.00 SPOT ELEVATION
- CONCRETE AREA
- OVERHANG AREA
- RIP-RAP AREA
- BRICK AREA
- TREELINE

NOTE: SEE SHEET 1 OF 5 FOR ENCROACHMENT TABLE
(#)

TREE LEGEND (ABBREVIATIONS)

DECIDUOUS (TREE)	BIR	BIRCH	HLY	HOLLY
	BCH	BEECH	HW	HARDWOOD
	CM	CRAPE MYRTLE	MAG	MAGNOLIA
	CHY	CHERRY	MAP	MAPLE
	CYP	CYPRESS	OAK	OAK
	FIR	FIR	ORN	ORNAMENTAL
	GINGKO	GINGKO	PEAR	PEAR
	GUM	SWEET GUM	POP	POPLAR
	HIC	HICKORY	SYC	SYCAMORE
CONIFEROUS (TREE)				

ABBREVIATIONS

A	ARC LENGTH	IPS	IRON PIN SET (CAPPED)
AC.	ACRE	N/F	NOW OR FORMERLY
AE	ACCESS EASEMENT	OTP	OPEN TOP PIPE
BSL	BUILDING SETBACK LINE	PB.	PLAT BOOK
BW	BARBWIRE	PG.	PAGE
CH	CHORD LENGTH	POB	POINT OF BEGINNING
CLF	CHAIN LINK FENCE	POC	POINT OF COMMENCEMENT
CMF	CONCRETE MONUMENT FOUND	R	RADIUS LENGTH
CMP	CORRUGATED METAL PIPE	R/W	RIGHT OF WAY
CONC.	CONCRETE	R/W MON	RIGHT OF WAY MONUMENT
CTP	CRIMP TOP PIPE	RB	REBAR
DB.	DEED BOOK	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	SDE	STORM DRAINAGE EASEMENT
FDC	FIRE DEPARTMENT CONNECTION	SQ. FT.	SQUARE FEET
FND	FOUND	SSE	SANITARY SEWER EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE PIPE	WPF	WOOD PRIVACY FENCE
IPF	IRON PIN FOUND		

20 0 20 40 60 FT.
SCALE: 1" = 20'

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\V-100.DWG PLOTTED BY: LINGLE, PEYTON

SANDY SPRINGS GEORGIA

SEAL

MARK	DESCRIPTION	DATE	APPR

No	Revision	Date
#1	UPDATED STORM DRAIN LOCATIONS	11/08/19
#2	UPDATED SINGLE LABEL	11/08/19

Project No:	2019-0891
Survey Crew:	NK
Drawn By:	RFS
Approved By:	WCW
Date:	06-21-19
Scale:	1"=20'

FIELD WORK COMPLETED ON: 06/21/19
DRAWN: S. SURVEY: 20100, 20190891, DGN, TOPO.DGN

LOCATED IN
LAND LOT 349, 17TH DISTRICT
CITY OF SANDY SPRINGS
FULTON COUNT, GEORGIA

TerraMark Land Development Consultants, Inc.
Marietta, Georgia 30060
Phone: (770) 422-7016
Fax: (770) 426-0562
C.O. A.#:LDC000870

BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
POND & COMPANY, INC.
(HAMMOND PARK)

BOUNDARY AND TOPOGRAPHIC SURVEY

SHEET IDENTIFICATION NUMBER
V-102

ISSUED FOR CONSTRUCTION

HAMMOND DRIVE
(APPARENT VARIABLE WIDTH R/W)
(POSTED SPEED LIMIT = 35MPH)

TOPOGRAPHIC DATA SHOWN WITHIN ROADWAYS ARE NOT FOR ROAD CROWN PROFILING

462.49' S 88° 23' 32" E
112.67' S 86° 55' 22" E
174.92' S 88° 56' 51" E
105.05' S 59° 12' 44" E
59.95'
5.65'
666.74'
305.18'

DISC IN CONCRETE MONUMENT FND
N: 1425561.01
E: 2237800.06

1/2"RB BENT FND (0.3 EAST OF LINE)

APPROX. L.L.L.
L.L. 36
L.L. 37

ONE STORY METAL
ONE STORY BLOCK & WOOD FRAME "GYMNASIUM"
BLOCK WALL
CONC FLUME
RIP-RAP ROCK
SHED
WATER TANK
EMERGENCY PROPANE SHUT OFF
NITROGEN TANK PUMP
PROPANE TANK
ELECTRIC CHARGING STATION
ELECTRIC VEHICLE PARKING (TYP.)
ELECTRIC UTILITY AREA
GRAVEL PARKING AREA
BRICK PAVED PARKING LOT
WOOD WALL
WOOD WALLS
CONC WALL
PEBBLESTONE
MULCH
DIRT TRAIL
STONE MONUMENT
DIVIDED ROAD
DO NOT ENTER
NO LITTERING
NO PARKING
PET WASTE
HANDICAP (TYP.)
COMPACT CAR PARKING (TYP.)
BRICK PAVED PARKING AREA
ASPHALT
GRASS
OPEN FOREST
UNDER CONSTRUCTION
MATCHLINE
SHEET 3
SHEET 5
SHEET 1
SHEET 2
SHEET 4

NOTE: SEE SHEET 1 OF 5 FOR ENCROACHMENT TABLE

GRID (GA, WEST ZONE) NAD83

MCREF SANDY SPRINGS LLC
N/F
ALTA/NSPS LAND TITLE SURVEY
ADDRESS: 7924 HAMMOND DRIVE
TAX PARCEL ID# 17 0037 LLC03
ZONING: PX (PERIMETER MIXED USE)

SCALE: 1" = 20'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

SEAL

MARK	DESCRIPTION	DATE	APPR

No	Revision	Date
#1	UPDATED STORM LINES/LOCATIONS	11/08/19
#2	UPDATED SNOW LABEL	11/20/19

Project No.	2019-091
Survey Crew:	NK
Drawn By:	RFS
Approved By:	WCW
Date:	06-21-19
Scale:	1"=20'

FILE PATH: S:\SURVEY\2019\2019-091\DWG\TOPO.DGN

LOCATED IN
LAND LOT 17 DISTRICT
CITY OF SANDY SPRINGS
FULTON COUNT, GEORGIA

TerraMark Professional Services
Corporate Office: Kennesaw, Inc.
Marietta, Georgia 30062
Phone: (770) 427-2002
Fax: No. (770) 427-0025
C.O.A. # LSF000809
C.O.A. # LCE000070

BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
POND & COMPANY, INC.
(HAMMOND PARK)

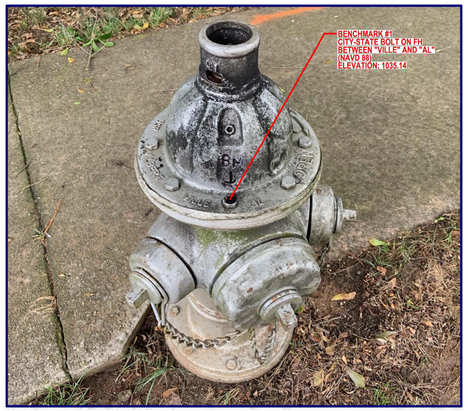
BOUNDARY AND TOPOGRAPHIC SURVEY

SHEET IDENTIFICATION NUMBER
V-103

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\V-100.DWG PLOTTED BY: LINGLE, PEYTON

GRID (GA WEST ZONE) NAD83

BENCHMARK DETAIL #1



BENCHMARK DETAIL #2

TREE LEGEND (ABBREVIATIONS)

DECIDUOUS (TREE)	BIR	BIRCH	HLY	HOLLY
	BCH	BEECH	HW	HARDWOOD
	CM	CRAPE MYRTLE	MAG	MAGNOLIA
	CHY	CHERRY	MAP	MAPLE
	CYP	CYPRESS	OAK	OAK
	FIR	FIR	ORN	ORNAMENTAL
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	GUM	SWEET GUM	POP	POPLAR
	HIC	HICKORY	SYC	SYCAMORE

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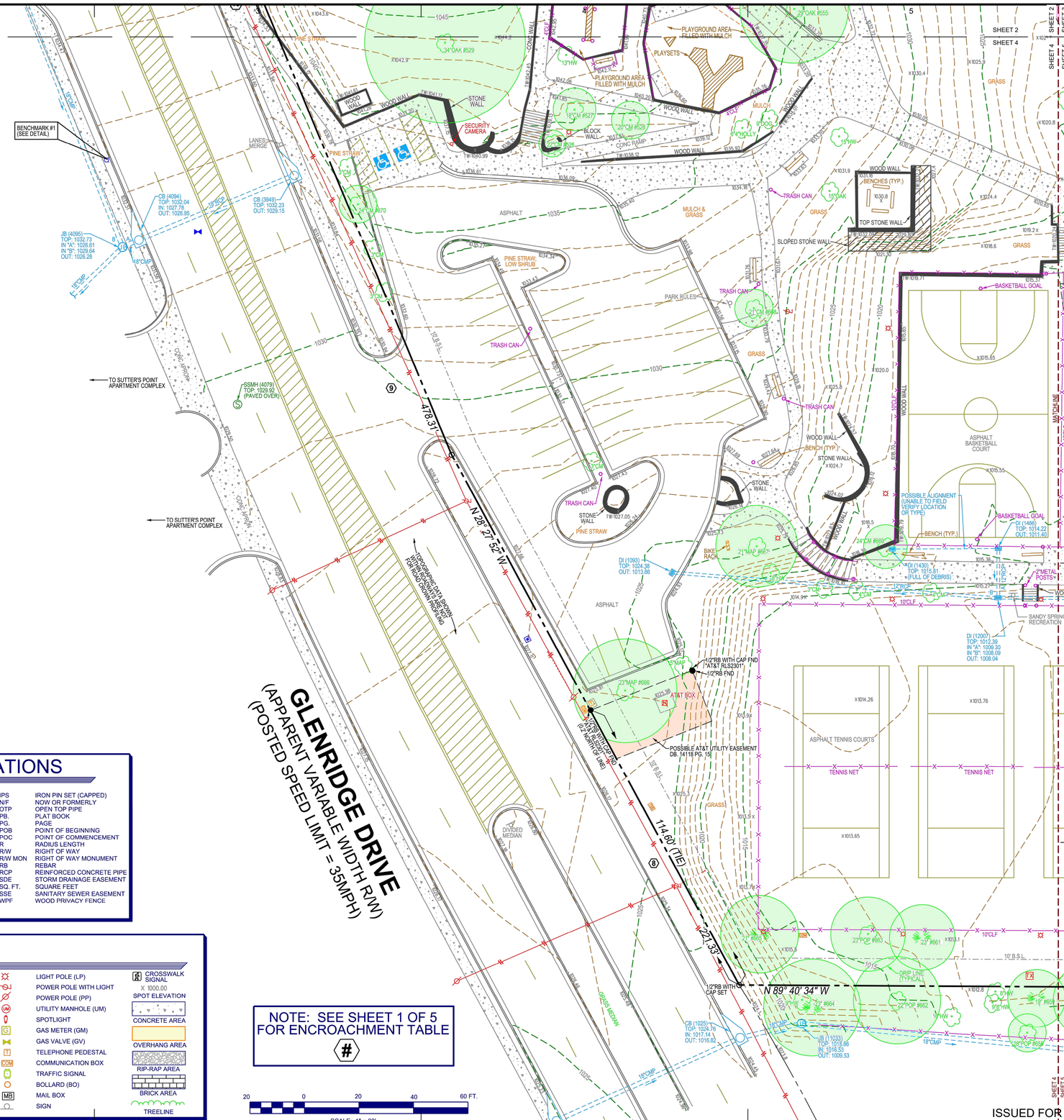
CTP	CRIMP TOP PIPE	RB	REBAR
DB.	DEED BOOK	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	SDE	STORM DRAINAGE EASEMENT
FDC	FIRE DEPARTMENT CONNECTION	SQ. FT.	SQUARE FEET
FND	FOUND	SSE	SANITARY SEWER EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE PIPE	WPF	WOOD PRIVACY FENCE
IPF	IRON PIN FOUND		

LEGEND

CURB AND GUTTER (C&G)	CATCH BASIN (DWCB)	IRRIGATION CONTROL VALVE (ICV)	LIGHT POLE (LP)	CROSSWALK SIGNAL
FENCE	CATCH BASIN (SWCB)	FIRE HYDRANT (FH)	POWER POLE WITH LIGHT	X 1000.00 SPOT ELEVATION
HANDRAIL	DROP INLET (DI)	WATER VALVE (WV)	POWER POLE (PP)	CONCRETE AREA
STORM DRAIN LINE	JUNCTION BOX (JB)	WATER METER (WM)	UTILITY MANHOLE (UM)	OVERHANG AREA
SANITARY SEWER	HEAD WALL (HW)	FIRE DEPT. CONNECTION (FDC)	SPOTLIGHT	RIP-RAP AREA
WATER LINE	CURB INLET (CI)	WATER VALVE MARKER	GAS METER (GM)	BRICK AREA
GAS LINE	FLARED END SECTION (FES)	TRANSFORMER BOX (TX)	GAS VALVE (GV)	TREELINE
UNDERGROUND POWER LINE	OUTLET CONTROL STRUCTURE	AIR CONDITIONER (AC)	TELEPHONE PEDESTAL	
OVERHEAD POWER LINE	YARD DRAIN INLET	ELECTRIC METER (EM)	COMMUNICATION BOX	
UNDERGROUND COMMUNICATION	SS MANHOLE (MH)	ELECTRIC UTILITY	TRAFFIC SIGNAL	
TOPOGRAPHIC CONTOUR	CLEAN OUT (CO)	GREASE TRAP (GT)	BOLLARD (BO)	
PROPERTY LINE			MAIL BOX	
			SIGN	

NOTE: SEE SHEET 1 OF 5 FOR ENCROACHMENT TABLE #



20 0 20 40 60 FT.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

SEAL

MARK	DESCRIPTION	DATE	APPR

No	Revision	Date
1	UPDATED STORM DRAIN LOCATIONS	11/06/19
2	UPDATED SHOW LABEL	11/07/19

Project No:	2019-091
Survey Crew:	NK
Drawn By:	RFS
Approved By:	WCW
Date:	06-21-19
Scale:	1"=20'

PATH: S:\SURVEY\2019\2019-091\DWG\TOPO.DGN

LAND LOT 377, 1st DISTRICT
CITY OF SANDY SPRINGS
FULTON COUNT, GEORGIA

TerraMark Land Surveying, Inc.
Professional Land Surveyors
Marietta, Georgia 30062
Phone: (770) 422-7016
Fax No. (770) 422-0832
C.O.A. # LSF000970
C.O.W. # LSF000970

BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
POND & COMPANY, INC.
(HAMMOND PARK)

BOUNDARY AND TOPOGRAPHIC SURVEY

SHEET IDENTIFICATION NUMBER
V-104

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\V-100.DWG PLOTTED BY: LINGLE, PEYTON

NOTE: SEE SHEET V-104 FOR BENCHMARK DETAILS

BENCHMARK #2 (SEE DETAIL)

N/F
MCREF SANDY SPRINGS LLC
DB. 57523 PG. 619
ADDRESS: 789 HAMMOND DRIVE
TAX PARCEL ID# 17 0037 LLC03
ZONING: PX (PERIMETER MIXED USE)

N/F
CRE CEP PLAZA 400 LLC
DB. 55213 PG. 557
ADDRESS: 5885 GLENRIDGE DRIVE
TAX PARCEL ID# 17 0037 LL0457
ZONING: PX (PERIMETER MIXED USE)

N/F
CRE CEP PLAZA 400 LLC
DB. 55213 PG. 560
ADDRESS: UNASSIGNED
TAX PARCEL ID# 17 0037 LL4236
ZONING: PX (PERIMETER MIXED USE)

NOTE: SEE SHEET 1 OF 5 FOR ENCROACHMENT TABLE

SCALE: 1" = 20'

GRID / GA. WEST ZONE / NAD83

SANDY SPRINGS GEORGIA

SEAL

MARK	DESCRIPTION	DATE	APPR

No	Revision	Date
1	UPDATED STORM DRAIN LOCATIONS	11/08/19
2	UPDATED SNOW LABEL	11/08/19

Project No.	2019-091
Survey Crew:	NK
Drawn By:	RFS
Approved By:	WCW
Date:	06-21-19
Scale:	1"=20'

GRAPHIC SURVEY 2019, 2019-091 DGN, TOPO.DGN

LOCATED IN
LAND LOT 37 17TH DISTRICT
CITY OF SANDY SPRINGS
FULTON COUNT, GEORGIA

TerraMark
Professional Land Surveying, Inc.
Georgia, Florida, Alabama
Phone: (770) 271-0300
Fax: (770) 271-0302
C O A # LSF000970

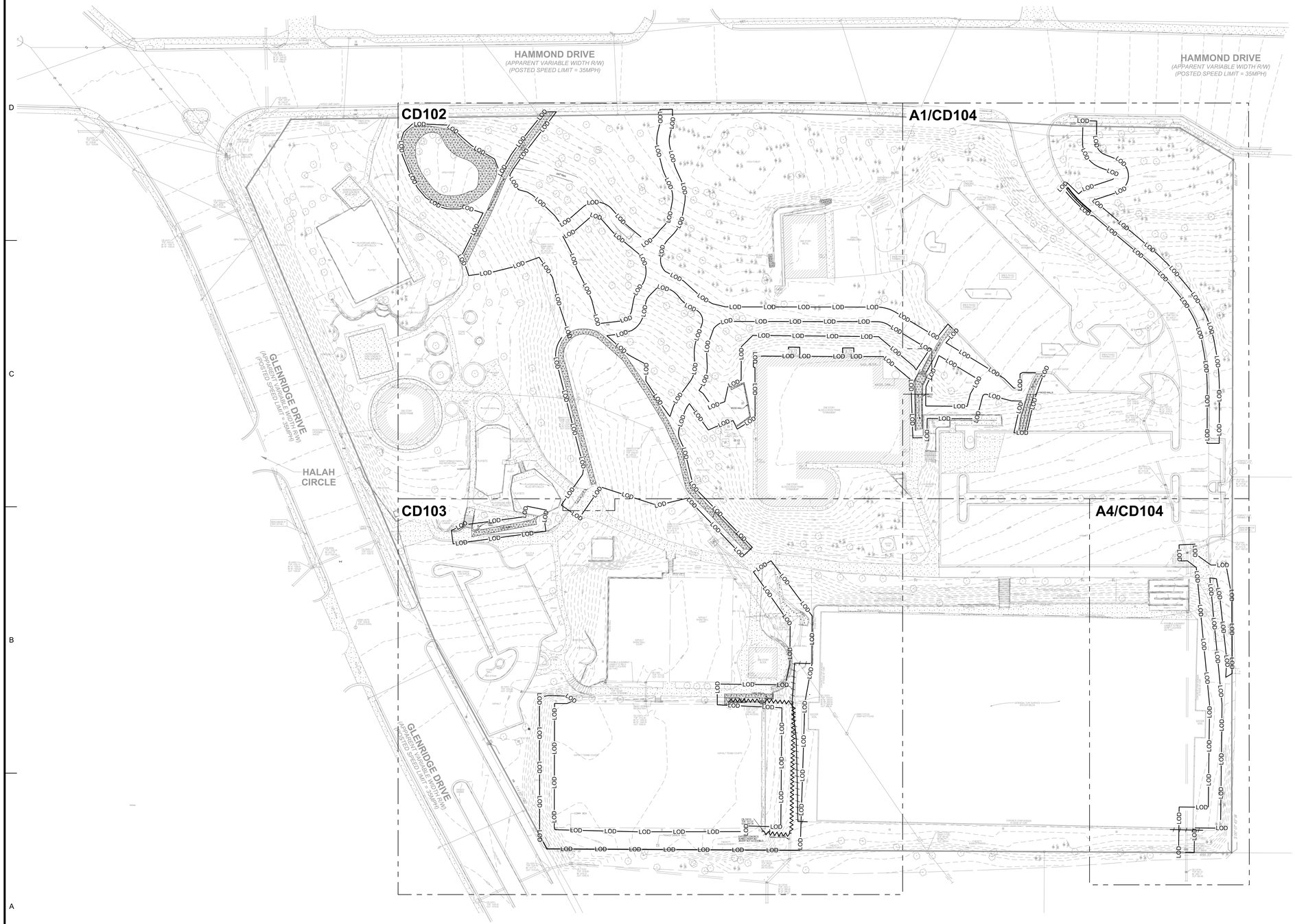
BOUNDARY AND TOPOGRAPHIC SURVEY
FOR
POND & COMPANY, INC.
(HAMMOND PARK)

BOUNDARY AND TOPOGRAPHIC SURVEY

SHEET IDENTIFICATION NUMBER
V-105

ISSUED FOR CONSTRUCTION

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\V-100.DWG PLOTTED BY: LINGLE, PEYTON



A1 OVERALL DEMOLITION PLAN

SCALE: 1" = 50'

0 25' 50' 100' 150'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO SHEETS FOR CD102 - CD104 KEYNOTES.
3. REFER TO LD SERIES FOR TREE REMOVAL PLANS AND NOTES REGARDING HARDSCAPE REMOVAL WITHIN TREE CRITICAL ROOT ZONES.
4. FOR HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 4.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
   - 4.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 4.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.

LEGEND

DEMO AREA.

REMOVE FENCE AND SAVE.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
FILE NAME: CD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

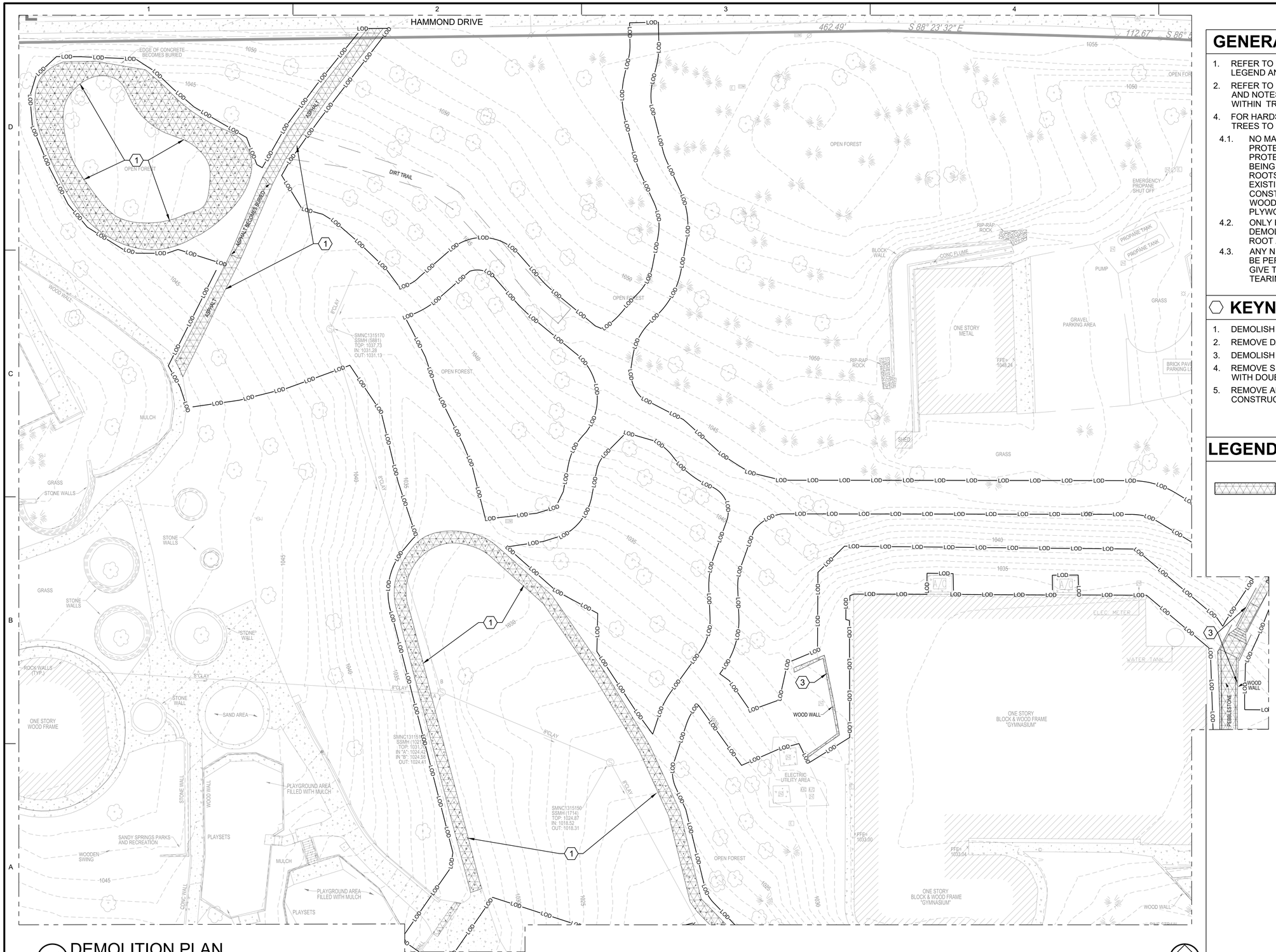
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 325 30092
Phone 678.339.7740
Fax 678.336.7744
POND PROJECT No. 11906998

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

OVERALL DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
CD101

FILE PATH: X:\FY19\11906998\04.CAD_BIM\04.02.CAD\CD100.DWG PLOTTED BY: LINGLE, PEYTON



DEMOLITION PLAN

A1

SCALE: 1" = 20'

0 10' 20' 40' 60'

ISSUED FOR CONSTRUCTION

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO LD SERIES FOR TREE REMOVAL PLANS AND NOTES REGARDING HARDSCAPE REMOVAL WITHIN TREE CRITICAL ROOT ZONES.
4. FOR HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 4.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
   - 4.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 4.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.

KEYNOTES

1. DEMOLISH PAVEMENT.
2. REMOVE DAMAGED CURB & GUTTER.
3. DEMOLISH PATHWAYS AND RELATED WALLS.
4. REMOVE SINGLE-GRATE INLET. TO BE REPLACED WITH DOUBLE-GRATE INLET.
5. REMOVE AND SAVE FENCE. REPLACE AFTER CONSTRUCTION COMPLETED.

LEGEND

DEMO AREA

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL | DATE: 04/03/2020
DWN BY: MA | CKD BY: MIL | SOLICITATION NO.:
SUBMITTED BY: MAW | CONTRACT NO.:
FILE NAME: CD100.dwg | FILE NUMBER:
SIZE: 22" x 34" | PLOT SCALE: 1:1 | PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

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

POND PROJECT No. 1190698

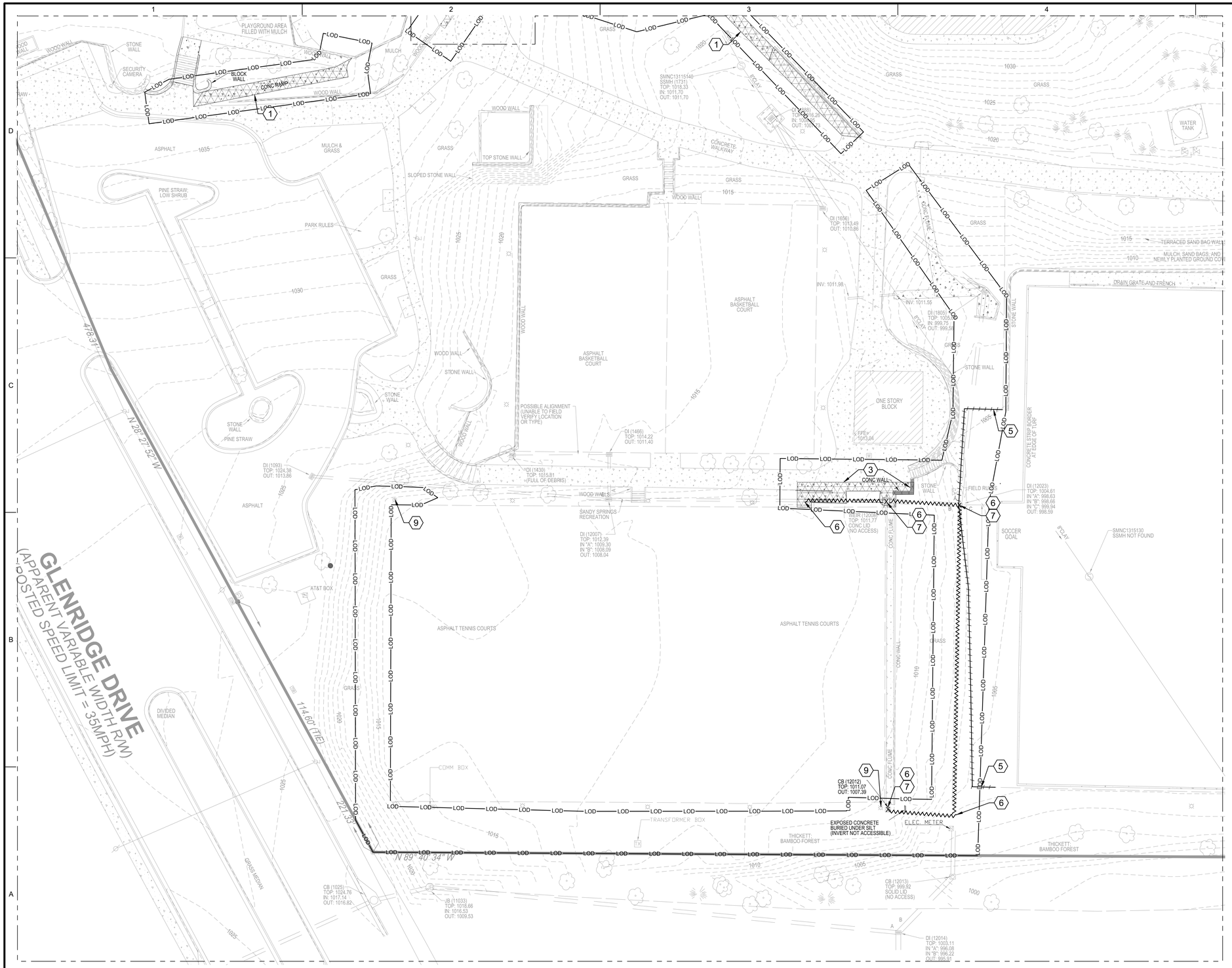
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER

CD102

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CD100.DWG PLOTTED BY: LINGLE, PEYTON



A1 DEMOLITION PLAN
SCALE: 1" = 20'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO LD SERIES FOR TREE REMOVAL PLANS AND NOTES REGARDING HARDSCAPE REMOVAL WITHIN TREE CRITICAL ROOT ZONES.
4. FOR HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 4.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
   - 4.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 4.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.

KEYNOTES

1. DEMOLISH PAVEMENT.
2. REMOVE DAMAGED CURB & GUTTER.
3. DEMOLISH PATHWAYS AND RELATED WALLS.
4. REMOVE SINGLE-GRATE INLET. TO BE REPLACED WITH DOUBLE-GRATE INLET.
5. REMOVE AND SAVE FENCE. REPLACE AFTER CONSTRUCTION COMPLETED.
6. APPROXIMATE LOCATION OF STORM PIPE TO BE DEMOLISHED.
7. APPROXIMATE LOCATION OF STORM STRUCTURE TO BE DEMOLISHED.
8. PROTECT ELECTRIC METER.
9. PROTECT LIGHT POLE.

LEGEND

- DEMO AREA
- REMOVE FENCE AND SAVE
- DEMO STORM PIPE
- x DEMO STORM STRUCTURE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL | DWN BY: MA | CKD BY: ML | SUBMITTED BY: MAW | DATE: 04/03/2020 | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: | FILE NAME: CD100.dwg | SIZE: 22" x 34" | PLOT SCALE: 1:1 | PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

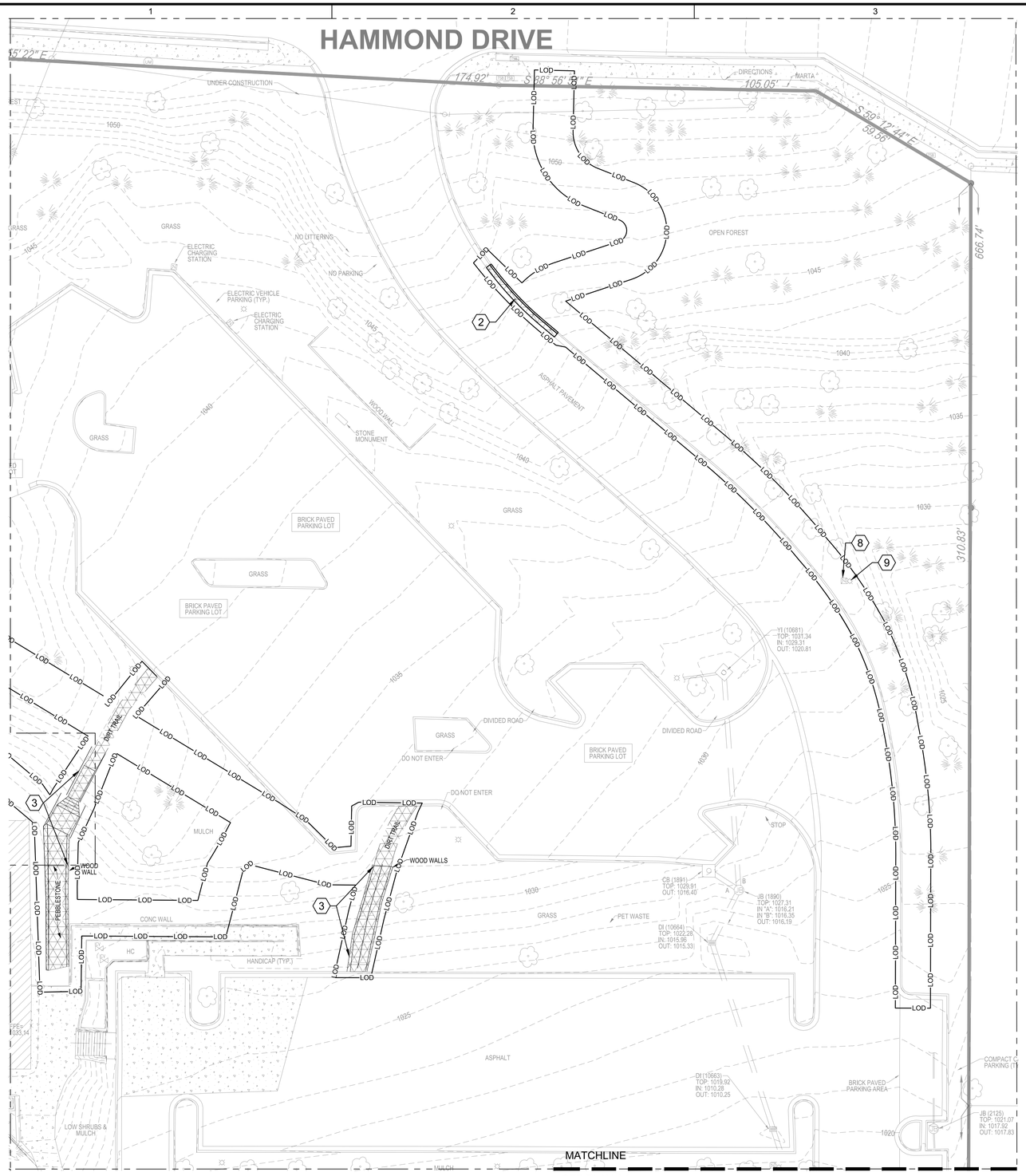
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

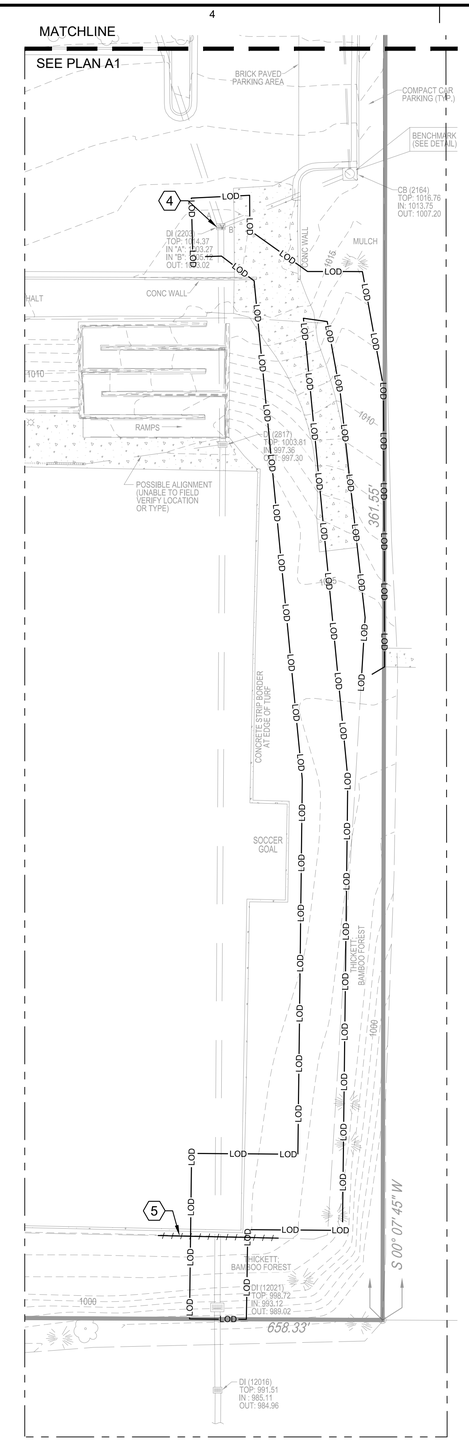
DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
CD103

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CD100.DWG PLOTTED BY: LINGLE, PEYTON



A1 DEMOLITION PLAN
SCALE: 1" = 20'



A4 DEMOLITION PLAN
SCALE: 1" = 20'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO LD SERIES FOR TREE REMOVAL PLANS AND NOTES REGARDING HARDSCAPE REMOVAL WITHIN TREE CRITICAL ROOT ZONES.
4. FOR HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
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   - 4.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 4.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.

KEYNOTES

1. DEMOLISH PAVEMENT.
2. REMOVE DAMAGED CURB & GUTTER.
3. DEMOLISH PATHWAYS AND RELATED WALLS.
4. REMOVE SINGLE-GRATE INLET TOP SECTION. TO BE REPLACED WITH DOUBLE-GRATE INLET.
5. REMOVE AND SAVE FENCE. REPLACE AFTER CONSTRUCTION COMPLETED.

LEGEND

DEMO AREA

REMOVE FENCE AND SAVE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
FILE NAME: 1190698.04 CD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

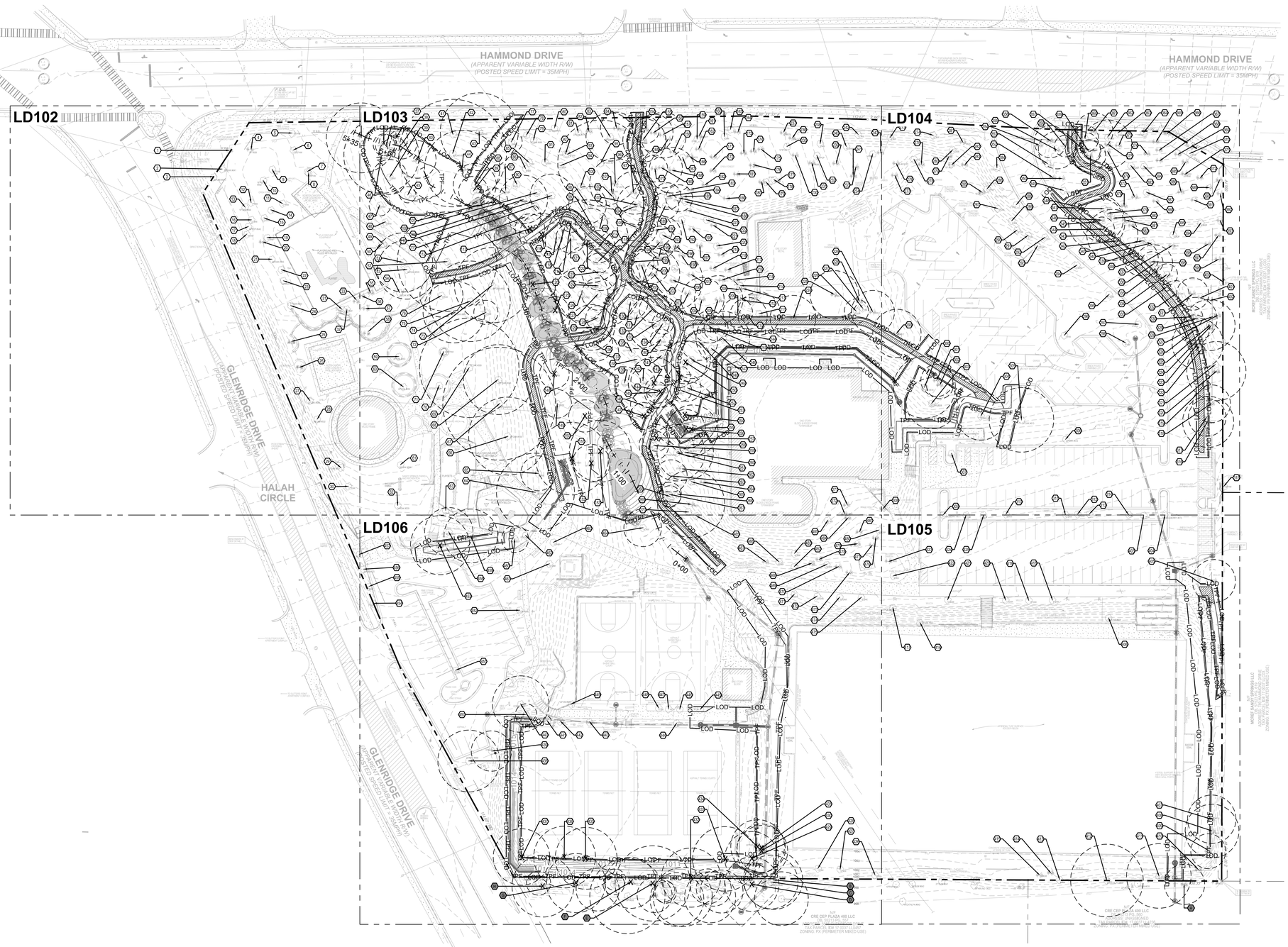
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 100, 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
CD104

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CD100.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
2. REFER TO LP SERIES FOR PLANTING INFORMATION.
3. REFER TO LD107 FOR TREE MITIGATION AND RECOMPENSE CALCULATIONS.
4. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.

ARBORIST NOTES

1. CONTRACTOR TO SELECTIVELY REMOVE TREES AS SHOWN ON PLAN WITHIN THE LIMITS OF DISTURBANCE.
2. FOR HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 2.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
   - 2.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 2.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.
3. ALL ROOTS ENCOUNTERED 1/2" OR GREATER DURING GRADING OR EXCAVATING OPERATIONS SHALL BE CLEAN CUT UNDER THE DIRECTION OF AN ISA CERTIFIED ARBORIST.
6. TREES WILL BE REMOVED BY HAND EQUIPMENT ONLY.
7. SMALLER TREES AND UNDERSTORY SHRUBS MAY ALSO BE PRESENT WITHIN THE LIMITS OF DISTURBANCE, AND SHALL BE REMOVED AS NECESSARY TO CONSTRUCT WALKWAYS.
8. CONTRACTOR SHALL TAKE ALL OPPORTUNITIES TO SAVE AND PROTECT TREES TO REMAIN FROM UNNECESSARY DAMAGE OR REMOVAL.
9. CONTRACTOR SHALL STABILIZE ALL LAND DISTURBED DUE TO TREE AND VEGETATION REMOVAL, SEE EROSION AND SEDIMENT CONTROL PLANS FOR MORE INFORMATION.
10. PRESERVE AND PROTECT TREES TO THE BEST OF ABILITY.

SHEET LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE (CRZ)
- X — EXISTING TREE DESTROYED
- AREAS OF ROOT BRIDGING. MINIMAL IMPACT TO TREE CRZ'S CREATING WALKWAYS
- LOD — LIMITS OF DISTURBANCE
- TPF — TREE PROTECTION FENCE (Tr)
- 1 — SITE TREE NUMBER
- A — BOUNDARY TREE NUMBER - BOUNDARY TREES ADDRESSED ON LD107
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR

ISSUED FOR CONSTRUCTION

A1 OVERALL TREE PROTECTION & DEMOLITION PLAN
SCALE: 1" = 50'

0 25' 50' 100' 150'

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
SUBMITTED BY: MAW
DATE: 3/13/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: LD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

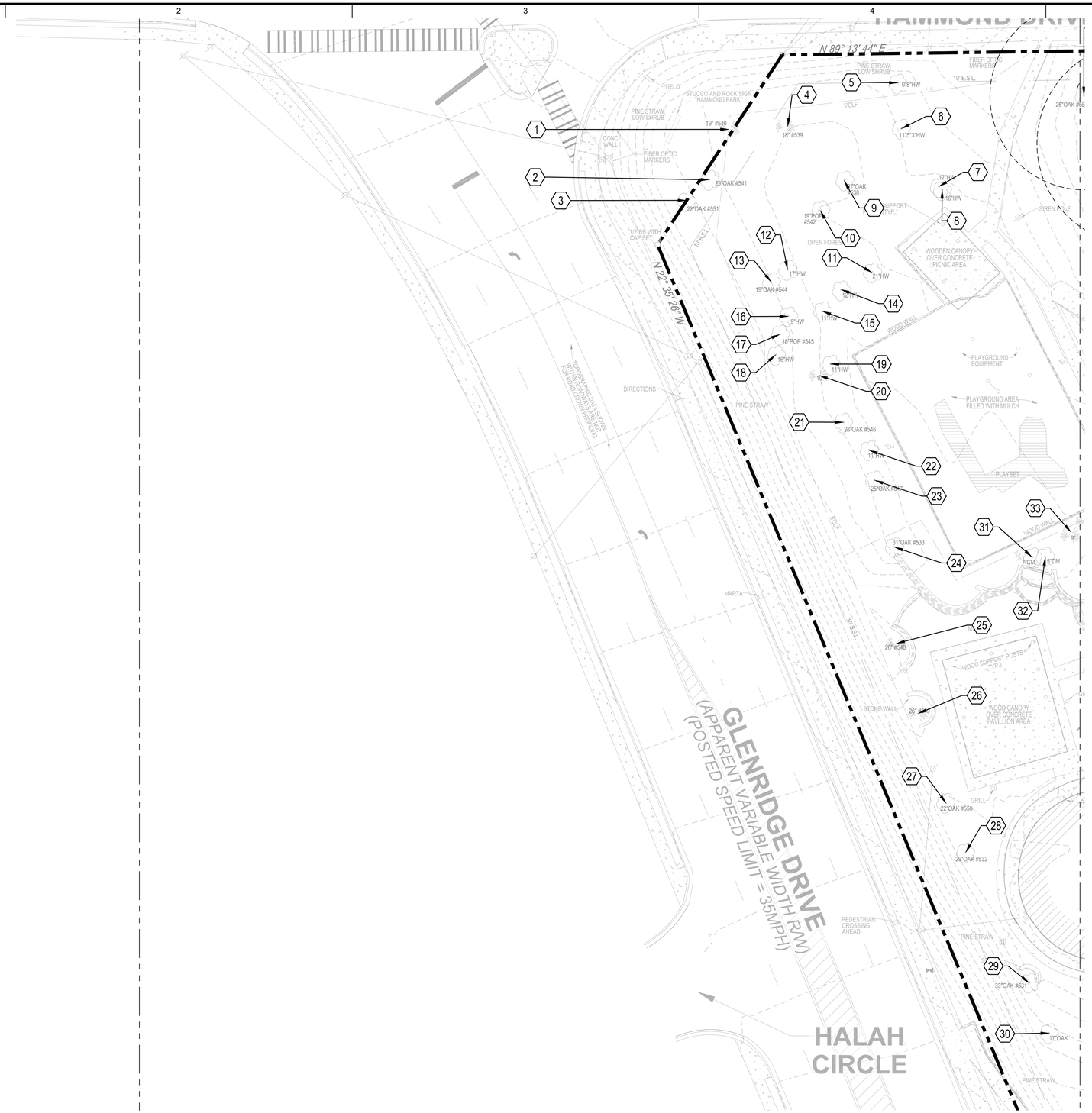
POND
3500 Parkway Lane
Spaulding Corners, Ga.
30092 SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906998

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

OVERALL TREE PROTECTION & DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
LD101

FILE PATH: X:\FY19\11906998\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN



A1 TREE PROTECTION & DEMOLITION PLAN

SCALE: 1" = 20'

0 10' 20' 40' 60'

N

GENERAL SHEET NOTES

1. REFER TO SHEET LD101 FOR GENERAL SHEET NOTES.

ARBORIST NOTES

1. CONTRACTOR TO SELECTIVELY REMOVE TREES AS SHOWN ON PLAN WITHIN THE LIMITS OF DISTURBANCE.
2. HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 2.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
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   - 2.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.
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7. SMALLER TREES AND UNDERSTORY SHRUBS MAY ALSO BE PRESENT WITHIN THE LIMITS OF DISTURBANCE, AND SHALL BE REMOVED AS NECESSARY TO CONSTRUCT WALKWAYS.
8. CONTRACTOR SHALL TAKE ALL OPPORTUNITIES TO SAVE AND PROTECT TREES TO REMAIN FROM UNNECESSARY DAMAGE OR REMOVAL.
9. CONTRACTOR SHALL STABILIZE ALL LAND DISTURBED DUE TO TREE AND VEGETATION REMOVAL, SEE EROSION AND SEDIMENT CONTROL PLANS FOR MORE INFORMATION.
10. PRESERVE AND PROTECT TREES TO THE BEST OF ABILITY.

SHEET LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE
- SITE TREE NUMBER
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED COTOUR

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. 1386 MATTHEW WILDER

8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
SUBMITTED BY: MAW
FILE NAME: LD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 3/13/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

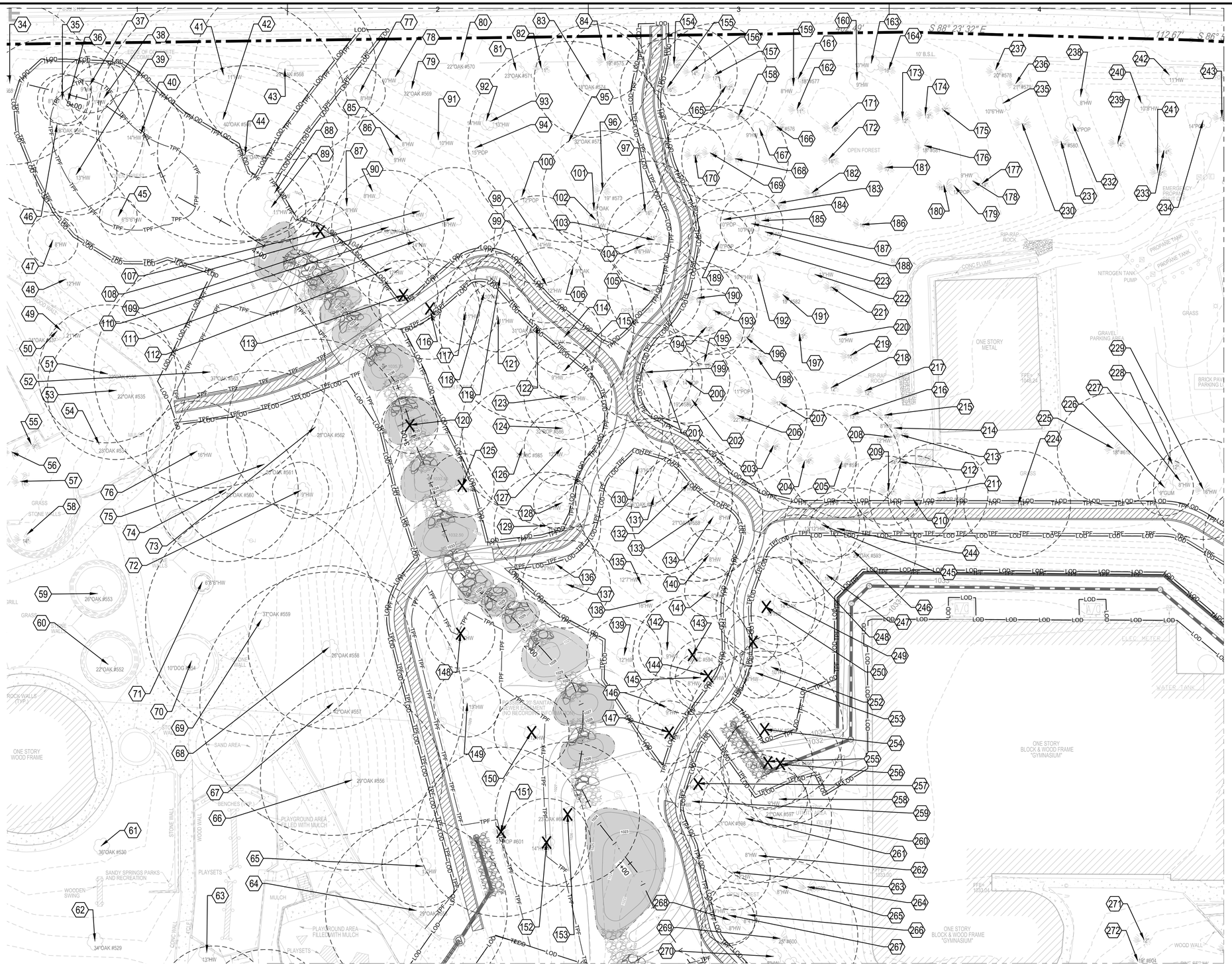
POND
3500 Parkway Lane
Peachtree Corners, Ga
Suite 410 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906598

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

TREE PROTECTION & DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
LD102

FILE PATH: X:\FY19\11906598\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN



A1 TREE PROTECTION & DEMOLITION PLAN

SCALE: 1" = 20'

0 10' 20' 40' 60'

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*

ARBORIST NOTES

1. CONTRACTOR TO SELECTIVELY REMOVE TREES AS SHOWN ON PLAN WITHIN THE LIMITS OF DISTURBANCE.
2. HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 2.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
   - 2.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 2.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.
3. ALL ROOTS ENCOUNTERED 1/2" OR GREATER DURING GRADING OR EXCAVATING OPERATIONS SHALL BE CLEAN CUT UNDER THE DIRECTION OF AN ISA CERTIFIED ARBORIST.
6. TREES WILL BE REMOVED BY HAND EQUIPMENT ONLY.
7. SMALLER TREES AND UNDERSTORY SHRUBS MAY ALSO BE PRESENT WITHIN THE LIMITS OF DISTURBANCE, AND SHALL BE REMOVED AS NECESSARY TO CONSTRUCT WALKWAYS.
8. CONTRACTOR SHALL TAKE ALL OPPORTUNITIES TO SAVE AND PROTECT TREES TO REMAIN FROM UNNECESSARY DAMAGE OR REMOVAL.
9. CONTRACTOR SHALL STABILIZE ALL LAND DISTURBED DUE TO TREE AND VEGETATION REMOVAL, SEE EROSION AND SEDIMENT CONTROL PLANS FOR MORE INFORMATION.
10. PRESERVE AND PROTECT TREES TO THE BEST OF ABILITY.

SHEET LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE (CRZ)
- X EXISTING TREE DESTROYED
- AREAS OF ROOT BRIDGING. IMPACT EXPECTED TO BE LESS THAN 20% DUE TO ROOT BRIDGING IN THE CRZ
- LOD — LIMITS OF DISTURBANCE
- TPF — TREE PROTECTION FENCE (Tr)
- (1) SITE TREE NUMBER
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED LANDSCAPE ARCHITECT No.1386 MATTHEW WILDER

8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
SUBMITTED BY: MAW
DATE: 3/13/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: LD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

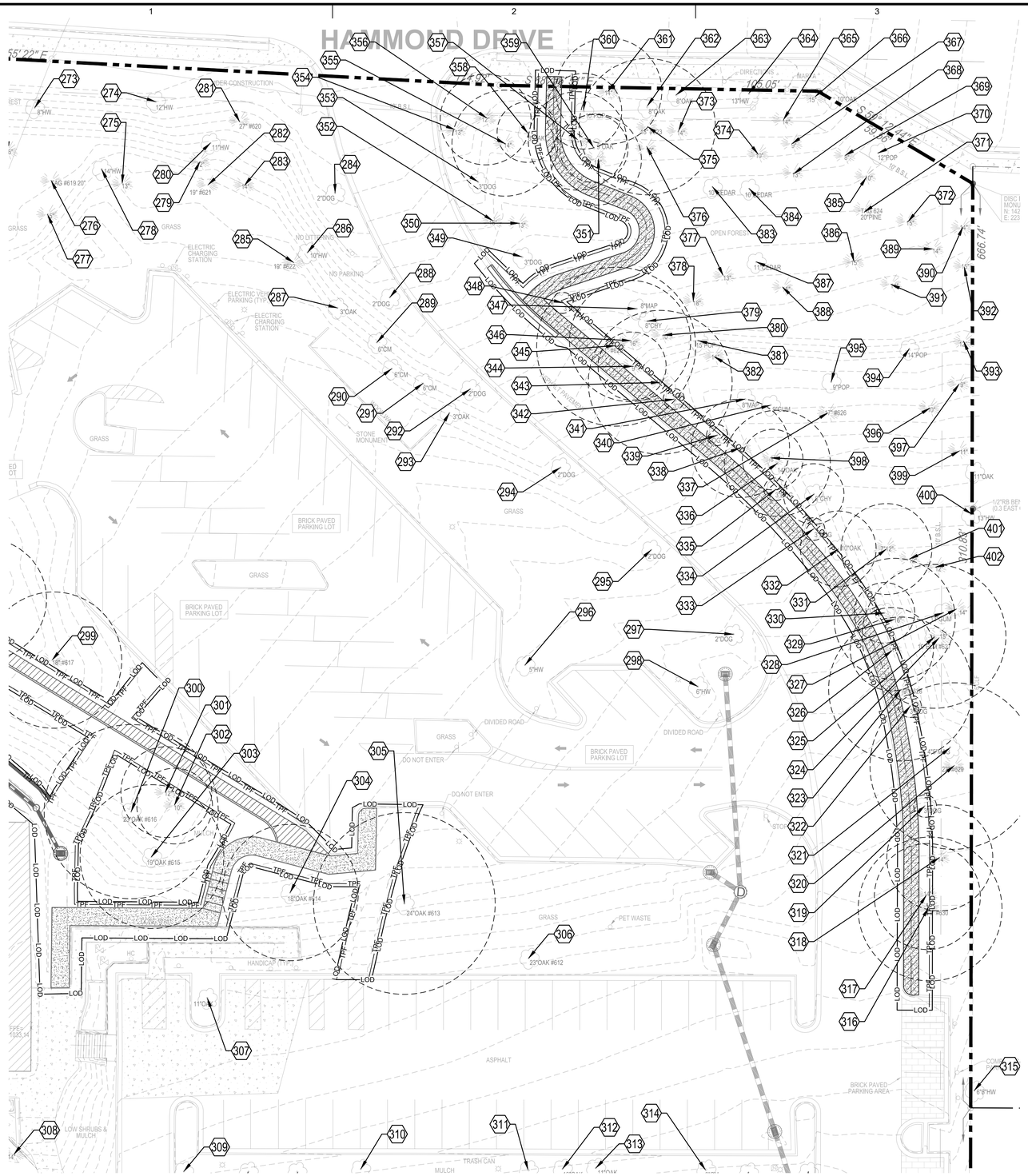
POND
3500 Parkway Lane
Peachtree Corners, GA
30092-1100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906968

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

TREE PROTECTION & DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
LD103

FILE PATH: X:\FY19\11906968\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN



A1 TREE PROTECTION & DEMOLITION PLAN

SCALE: 1" = 20'

0 10' 20' 40' 60'

N

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*

ARBORIST NOTES

1. CONTRACTOR TO SELECTIVELY REMOVE TREES AS SHOWN ON PLAN WITHIN THE LIMITS OF DISTURBANCE.
2. HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 2.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
   - 2.2. ONLY HAND EQUIPMENT CAN BE USED FOR DEMOLITION OF PAVEMENT WITHIN CRITICAL ROOT ZONES.
   - 2.3. ANY NECESSARY CUTTING OF ROOTS SHALL BE PERFORMED WITH SAWS OR LOPPERS TO GIVE THE ROOTS A CLEAN CUT WITHOUT TEARING.
3. ALL ROOTS ENCOUNTERED 1/2" OR GREATER DURING GRADING OR EXCAVATING OPERATIONS SHALL BE CLEAN CUT UNDER THE DIRECTION OF AN ISA CERTIFIED ARBORIST.
6. TREES WILL BE REMOVED BY HAND EQUIPMENT ONLY.
7. SMALLER TREES AND UNDERSTORY SHRUBS MAY ALSO BE PRESENT WITHIN THE LIMITS OF DISTURBANCE, AND SHALL BE REMOVED AS NECESSARY TO CONSTRUCT WALKWAYS.
8. CONTRACTOR SHALL TAKE ALL OPPORTUNITIES TO SAVE AND PROTECT TREES TO REMAIN FROM UNNECESSARY DAMAGE OR REMOVAL.
9. CONTRACTOR SHALL STABILIZE ALL LAND DISTURBED DUE TO TREE AND VEGETATION REMOVAL, SEE EROSION AND SEDIMENT CONTROL PLANS FOR MORE INFORMATION.
10. PRESERVE AND PROTECT TREES TO THE BEST OF ABILITY.

SHEET LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE (CRZ)
- X — EXISTING TREE DESTROYED
- AREAS OF ROOT BRIDGING. IMPACT EXPECTED TO BE LESS THAN 20% DUE TO ROOT BRIDGING IN THE CRZ
- LOD — LIMITS OF DISTURBANCE
- TPF — TREE PROTECTION FENCE (Tr)
- (1) — SITE TREE NUMBER
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. 1386 MATTHEW WILDER

8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
SUBMITTED BY: MAW
FILE NAME: LD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 3/13/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, Ga
Suite 100 Norcross
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

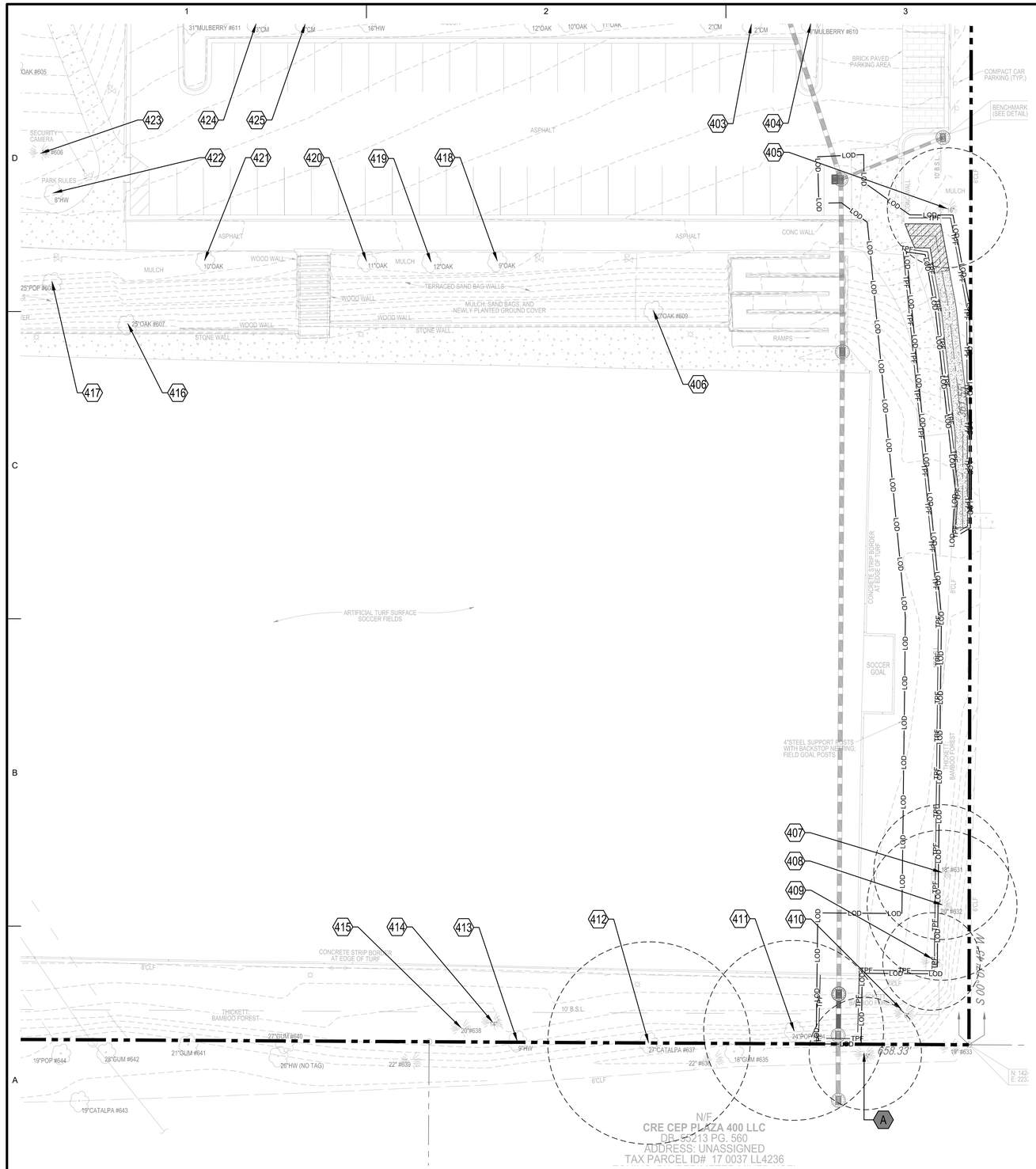
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

TREE PROTECTION & DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER

LD104

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN



A1 TREE PROTECTION & DEMOLITION PLAN

SCALE: 1" = 20'

0 10' 20' 40' 60'

N

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*

ARBORIST NOTES

1. CONTRACTOR TO SELECTIVELY REMOVE TREES AS SHOWN ON PLAN WITHIN THE LIMITS OF DISTURBANCE.
2. HARDSCAPE DEMOLITION WITHIN CRZ'S OF TREES TO BE PRESERVED
   - 2.1. NO MACHINERY ALLOWED WITHIN THE PROTECTED CRITICAL ROOT ZONE AREAS OF PROTECTED TREES PRIOR TO MEASURES BEING TAKEN TO PROTECT THE ROOTS. ROOTS MAY BE PROTECTED BY LEAVING EXISTING PAVED SURFACES INTACT DURING CONSTRUCTION, LAYING A 6 INCH LAYER OF WOOD MULCH, OR LAYING 3/4" MIN. THICKNESS PLYWOOD ON GROUND
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10. PRESERVE AND PROTECT TREES TO THE BEST OF ABILITY.

SHEET LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE (CRZ)
- X — EXISTING TREE DESTROYED
- AREAS OF ROOT BRIDGING. IMPACT EXPECTED TO BE LESS THAN 20% DUE TO ROOT BRIDGING IN THE CRZ
- LOD — LIMITS OF DISTURBANCE
- TPF — TREE PROTECTION FENCE (Tr)
- (1) — SITE TREE NUMBER
- (A) — BOUNDARY TREE NUMBER
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
SUBMITTED BY: MAW
FILE NAME: LD105.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 3/13/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

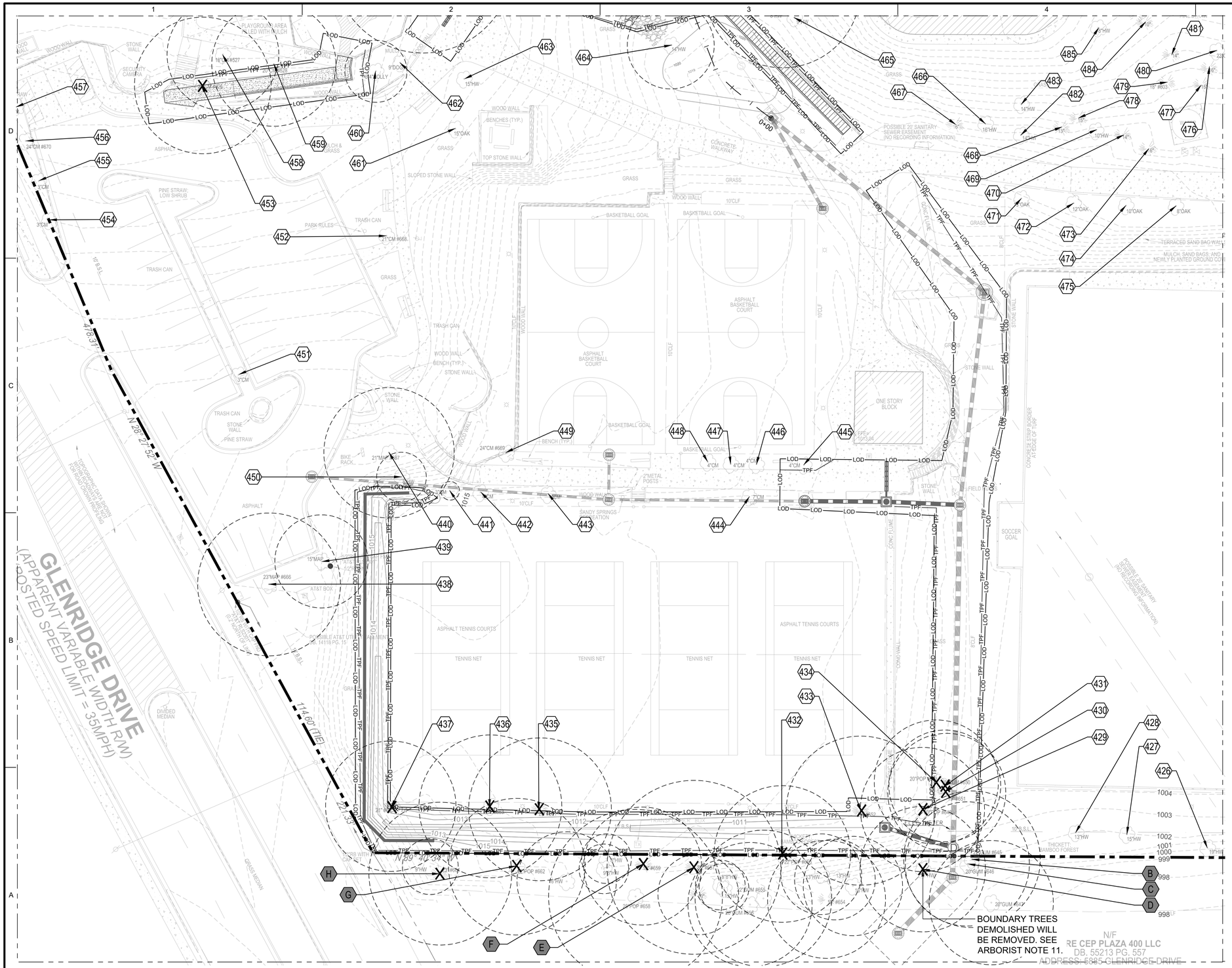
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 325 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

TREE PROTECTION & DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
LD105

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN



A1 TREE PROTECTION & DEMOLITION PLAN
SCALE: 1" = 20'

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*

ARBORIST NOTES

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9. CONTRACTOR SHALL STABILIZE ALL LAND DISTURBED DUE TO TREE AND VEGETATION REMOVAL, SEE EROSION AND SEDIMENT CONTROL PLANS FOR MORE INFORMATION.
10. PRESERVE AND PROTECT TREES TO THE BEST OF ABILITY.
11. PROPERTY OWNER MAY PETITION THE CITY OF SANDY SPRINGS FOR FUNDS TO REMOVE ANY "DESTROYED" BOUNDARY TREES IF THEY HAVE FAILED TO THRIVE WITHIN 3 YEARS OF THE APPROVAL DATE OF THIS PROJECT. FAILED TO THRIVE MEANS THAT THE TREES HAVE DIED OR HAVE BEEN DETERMINED TO BE IN IRREVERSIBLE DECLINE BY A CERTIFIED ARBORIST. THE CITY OF SANDY SPRINGS WILL SEND A CERTIFIED LETTER TO THE OWNER OF THE ADJACENT PROPERTY TO NOTIFY THEM OF THIS PROJECT AND THE IMPACT TO THEIR TREES.

SHEET LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE (CRZ)
- X EXISTING TREE DESTROYED
- AREAS OF ROOT BRIDGING. IMPACT EXPECTED TO BE LESS THAN 20% DUE TO ROOT BRIDGING IN THE CRZ
- LOD — LIMITS OF DISTURBANCE
- TPF — TREE PROTECTION FENCE (Tr)
- 1 SITE TREE NUMBER
- A BOUNDARY TREE NUMBER
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED LANDSCAPE ARCHITECT No. 1386 MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
SUBMITTED BY: MAW
FILE NAME: LD100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:2.58
DATE: 3/13/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092-1187 USA
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

TREE PROTECTION & DEMOLITION PLAN

SHEET IDENTIFICATION NUMBER
LD106

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LD100.DWG PLOTTED BY: LINNANE, LAUREN

SITE TREE INVENTORY & IMPACT LIST

Number	Species	DBH	Classification	CRZ	CRZ Area	Area Impacted	% Impacted	Action	Canopy Credit (SF)	Replacement (Landmark/ Protected)
1	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
2	OAK	29	Landmark	36.25	4126	0	0%	Saved	1250	
3	OAK	22	Large	27.5	2375	0	0%	Saved	1000	
4	OAK	18	Large	22.5	1590	0	0%	Saved	1000	
5	HW	9	Small	11.25	397	0	0%	Saved	0	
6	HW	11	Medium	13.75	594	0	0%	Saved	0	
7	HW	17	Medium	21.25	1418	0	0%	Saved	0	
8	HW	16	Medium	20	1256	0	0%	Saved	0	
9	OAK	27	Landmark	33.75	3577	0	0%	Saved	1250	
10	POP	19	Large	23.75	1771	0	0%	Saved	1000	
11	HW	21	Large	26.25	2164	0	0%	Saved	1000	
12	HW	17	Large	21.25	1418	0	0%	Saved	1000	
13	OAK	19	Large	23.75	1771	0	0%	Saved	1000	
14	HW	12	Medium	15	707	0	0%	Saved	0	
15	HW	11	Medium	13.75	594	0	0%	Saved	0	
16	HW	9	Small	11.25	397	0	0%	Saved	0	
17	POP	18	Large	22.5	1590	0	0%	Saved	1000	
18	HW	16	Medium	20	1256	0	0%	Saved	0	
19	HW	11	Medium	13.75	594	0	0%	Saved	0	
20	PINE	10	Large	12.5	491	0	0%	Saved	0	
21	OAK	28	Landmark	35	3847	0	0%	Saved	1250	
22	HW	11	Medium	13.75	594	0	0%	Saved	0	
23	OAK	25	Large	31.25	3066	0	0%	Saved	1000	
24	OAK	31	Landmark	38.75	4715	0	0%	Saved	1250	
25	PINE	26	Large	32.5	3317	0	0%	Saved	1000	
26	PINE	26	Large	32.5	3317	0	0%	Saved	1000	
27	OAK	22	Large	27.5	2375	0	0%	Saved	1000	
28	OAK	29	Landmark	36.25	4126	0	0%	Saved	1250	
29	OAK	33	Landmark	41.25	5343	0	0%	Saved	1250	
30	OAK	17	Medium	21.25	1418	0	0%	Saved	0	
31	CM	7	Small	8.75	240	0	0%	Saved	0	
32	CM	5	Small	6.25	123	0	0%	Saved	0	
33	PINE	9	Small	11.25	397	0	0%	Saved	0	
34	OAK	26	Large	32.5	3317	0	0%	Saved	1000	
35	HW	8	Small	10	314	0	0%	Saved	0	
36	HW	8	Small	10	314	0	0%	Saved	0	
37	HW	9	Small	11.25	397	0	0%	Saved	0	
38	HW	11	Medium	13.75	594	0	0%	Saved	0	
39	HW	13	Medium	16.25	829	0	0%	Saved	0	
40	HW	14	Medium	17.5	962	0	0%	Saved	0	
41	HW	11	Medium	13.75	594	0	0%	Saved	0	
42	OAK	40	Landmark	50	7850	1179	15%	Saved	1250	
43	OAK	29	Landmark	36.25	4126	0	0%	Saved	1250	
44	OAK	28	Landmark	35	3847	0	0%	Destroyed	1250	
45	HW	6	Small	7.5	177	0	0%	Saved	0	
46	OAK	28	Landmark	35	3847	0	0%	Saved	1250	
47	HW	8	Small	10	314	0	0%	Saved	0	
48	HHW	12	Medium	15	707	0	0%	Saved	0	
49	HW	21	Large	26.25	2164	0	0%	Saved	1000	
50	OAK	24	Large	30	2826	0	0%	Saved	1000	
51	OAK	22	Large	27.5	2375	0	0%	Saved	1000	
52	OAK	37	Landmark	46.25	6717	345	5%	Saved	1250	
53	OAK	22	Large	27.5	2375	0	0%	Saved	1000	
54	OAK	23	Large	28.75	2595	0	0%	Saved	1000	
55	PINE	9	Small	11.25	397	0	0%	Saved	0	
56	PINE	12	Medium	15	707	0	0%	Saved	0	
57	PINE	11	Medium	13.75	594	0	0%	Saved	0	
58	PINE	14	Medium	17.5	962	0	0%	Saved	0	
59	OAK	26	Large	32.5	3317	0	0%	Saved	1000	
60	OAK	22	Large	27.5	2375	0	0%	Saved	1000	
61	OAK	36	Landmark	45	6359	0	0%	Saved	1250	
62	OAK	34	Landmark	42.5	5672	0	0%	Saved	1250	
63	HW	13	Small	16.25	829	0	0%	Saved	0	
64	OAK	29	Landmark	36.25	4126	931	23%	Saved	1250	
65	HW	13	Small	16.25	829	0	0%	Saved	0	
66	OAK	29	Landmark	36.25	4126	0	0%	Saved	1250	
67	OAK	42	Landmark	52.5	8655	0	0%	Saved	1250	
68	OAK	26	Large	32.5	3317	0	0%	Saved	1000	
69	OAK	37	Landmark	46.25	6717	0	0%	Saved	1250	
70	DOG	10	Landmark	12.5	491	0	0%	Saved	0	
71	HW	6	Small	7.5	177	0	0%	Saved	0	
72	HW	9	Small	11.25	397	0	0%	Saved	0	
73	OAK	28	Landmark	35	3847	501	13%	Saved	1250	
74	OAK	23	Large	28.75	2595	0	0%	Saved	1000	
75	OAK	30	Landmark	37.5	4416	0	0%	Saved	1250	
76	HW	16	Medium	20	1256	0	0%	Saved	0	
77	HW	8	Small	10	314	0	0%	Saved	0	
78	HW	10	Medium	12.5	491	0	0%	Saved	0	
79	OAK	32	Landmark	40	5024	0	0%	Saved	1250	
80	OAK	22	Large	27.5	2375	0	0%	Saved	0	
81	OAK	23	Large	28.75	2595	0	0%	Saved	0	
82	PINE	11	Medium	13.75	594	0	0%	Saved	0	
83	OAK	18	Large	22.5	1590	0	0%	Saved	1000	
84	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
85	HW	8	Small	10	314	0	0%	Saved	0	
86	HW	9	Small	11.25	397	0	0%	Saved	0	
87	HW	8	Small	10	314	0	0%	Saved	0	
88	HW	16	Medium	20	1256	175	14%	Saved	0	
89	HW	11	Medium	13.75	594	119	20%	Saved	0	
90	HW	8	Small	10	314	0	0%	Saved	0	
91	HW	10	Medium	12.5	491	0	0%	Saved	0	
92	HW	14	Medium	17.5	962	0	0%	Saved	0	
93	HW	13	Medium	16.25	829	0	0%	Saved	0	
94	POP	15	Medium	18.75	1104	0	0%	Saved	0	
95	OAK	32	Landmark	40	5024	0	0%	Saved	1250	
96	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
97	PINE	16	Medium	20	1256	0	0%	Saved	0	
98	HW	14	Medium	17.5	962	0	0%	Saved	0	
99	HW	12	Medium	15	707	0	0%	Saved	0	
100	POP	12	Medium	15	707	0	0%	Saved	0	
101	OAK	8	Small	10	314	0	0%	Saved	0	
102	HW	16	Medium	20	1256	0	0%	Saved	0	
103	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
104	HW	8	Small	10	314	0	0%	Saved	0	
105	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
106	OAK	9	Small	11.25	397	0	0%	Saved	0	
107	HW	10	Medium	12.5	491	258	53%	Destroyed	0	
108	GW	12	Medium	15	707	0	0%	Saved	0	
109	OAK	18	Large	22.5	1590	94	6%	Saved	1000	
110	HW	16	Medium	20	1256	0	0%	Saved	0	
111	HW	14	Medium	17.5	962	0	0%	Saved	0	
112	HW	12	Medium	15	707	170	24%	Saved	0	
113	HW	11	Medium	13.75	594	372	63%	Saved	0	
114	OAK	12	Medium	15	707	0	0%	Saved	0	
115	HW	9	Small	11.25	397	0	0%	Saved	0	
116	HW	16	Medium	20	1256	720	57%	Destroyed	0	
117	HW	11	Medium	13.75	594	60	10%	Saved	0	
118	HW	10	Medium	12.5	491	55	11%	Saved	0	
119	HW	8	Small	10	314	0	0%	Saved	0	
120	HW	9	Small	11.25	397	397	100%	Destroyed	0	
121	HW	11	Medium	13.75	594	0	0%	Saved	0	
122	OAK	31	Landmark	38.75	4715	103	2%	Saved	1250	
123	HW	14	Medium	17.5	962	0	0%	Saved	0	
124	POP	32	Landmark	40	5024	1020	20%	Saved	1250	
125	HW	11	Medium	13.75	594	338	57%	Destroyed	0	
126	HIC	20	Large	25	1963	0	0%	Saved	1250	
127	HW	12	Medium	15	707	0	0%	Saved	0	
128	HW	9	Small	11.25	397	92	23%	Saved	0	
129	HW	17	Medium	21.25	1418	160	11%	Saved	0	
130	HW	13	Medium	16.25	829	173	21%	Saved	0	
131	HW	25	Large	31.25	3066	464	15%	Saved	1000	
132	HW	10	Medium	12.5	491	0	0%	Saved	0	
133	OAK	21	Large	26.25	2164	0	0%	Saved	1000	
134	HW	8	Small	10	314	0	0%	Saved	0	
135	HW	12	Medium	15	707	0	0%	Saved	0	
136	HW	13	Medium	16.25	829	0	0%	Saved	0	
137	HW	14	Medium	17.5	962	0	0%	Saved	0	
138	HW	16	Medium	20	1256	0	0%	Saved	0	
139	HW	12	Medium	15	707	0	0%	Saved	0	
140	HW	8	Small	10	314	0	0%	Saved	0	
142	HW	9	Small	11.25	397	0	0%	Saved	0	
143	HIC	19	Large	23.75	1771	442	25%	Destroyed	0	X
144	HW	12	Medium	15	707	289	41%	Destroyed	0	
145	HW	8	Small	10	314	67	21%	Saved	0	
146	HW	9	Small	11.25	397	16	4%	Saved	0	
147	HW	10	Medium	12.5	491	157	32%	Destroyed	0	
148	HW	11	Medium	13.75	594	152	26%	Destroyed	0	
149	HW	13	Medium	16.25	829	0	0%	Saved	0	
150	HW	12	Medium	15	707	260	37%	Destroyed	0	
151	POP	27	Landmark	33.75	3577	1097	31%	Destroyed	0	X
152	HW	14	Medium	17.5	962	421	44%	Destroyed	0	
153	OAK	23	Large	28.75	2595	1659	64%	Destroyed	0	X
154	PINE	10	Medium	12.5	491	0	0%	Saved	0	
155	PINE	16	Medium	20	1256	0	0%	Saved	0	
156	PINE	14	Medium	17.5	962	0	0%	Saved	0	
157	PINE	17	Medium	21.25	1418	0	0%	Saved	0	
158	PINE	9	Small	11.25	397	0	0%	Saved	0	
159	HW	8	Small	10	314	0	0%	Saved	0	
160	HW	9	Small	11.25	397	0	0%	Saved	0	
161	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
162	PINE	11	Medium	13.75	594	0	0%	Saved	0	
163	HW	13	Medium	16.25	829	0	0%	Saved	0	
164	PINE	16	Medium	20	1256	0	0%	Saved	0	
165	PINE	12	Medium	15	707	0	0%	Saved	0	
166	PINE	29	Large	36.25	4126	0	0%	Saved	1250	
167	HW	9	Small	11.25	397	0	0%	Saved	0	
168	PINE	17	Medium	21.25	1418	0	0%	Saved	0	
169	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
170	PINE	10	Medium	12.5	491	0	0%	Saved	0	
171	PINE	16	Medium	20	1256	0	0%	Saved	0	
172	PINE	16	Medium	20	1256	0	0%	Saved	0	
173	HW	12	Medium	15	707	0	0%	Saved	0	
174	PINE	13	Medium	16.25	829	0	0%	Saved	0	
175	PINE	12	Medium	15	707	0	0%	Saved	0	
176	PINE	18	Medium	22.5	1590	0	0%	Saved	1000	
177	PINE	9	Small	11.25	397	0	0%	Saved	0	
178	POP	14	Medium	17.5	962	0	0%	Saved	0	
179	POP	12	Medium	15	707	0	0%	Saved	0	
180	PINE	16	Medium	20	1256	0	0%	Saved	0	
181	PINE	10	Medium	12.5	491	0	0%	Saved	0	
182	PINE	16	Medium	20	1256	0	0%	Saved	0	
183	PINE	9	Small	11.25	397	0	0%	Saved	0	
184	POP	10	Medium	12.5	491	0	0%	Saved	0	
185	PINE	16	Medium	20	1256	0	0%	Saved	0	
186	PINE	16	Medium	20	1256	0	0%	Saved	0	
187	POP	10	Medium	12.5	491	0	0%	Saved	0	
188	HW	13	Medium	16.25	829	0	0%	Saved	0	
189	POP	10	Medium	12.5	491	0	0%	Saved	0	
190	PINE	12	Medium	15	707	0	0%	Saved	0	
191	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
192	HW	10	Medium	12.5	491	0	0%	Saved	0	
193	POP	14	Medium	17.5	962	0	0%	Saved	0	
194	PINE	12	Medium	15	707	0	0%	Saved	0	
195	PINE	12	Medium	15	707	0	0%	Saved	0	
196	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
197	PINE	13	Medium	16.25	829	0	0%	Saved	0	
198	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
199	PINE	16	Medium	20	1256	0	0%	Saved	0	
200	POP	14	Medium	17.5	962	0	0%	Saved	0	
201	PINE	12	Medium	15	707	0	0%	Saved	0	
202	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
203	PINE	16	Medium	20	1256	0	0%	Saved	0	
204	PINE	16	Medium	20	1256	0	0%	Saved	0	
205	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
206	PINE	22	Large	27.5	2375	0	0%	Saved	1000	
207	PINE	12	Medium	15	707	0	0%	Saved	0	
208	HW	12	Medium	15	707	0	0%	Saved	0	
209	PINE	11	Medium	13.75	594	0	0%	Saved	0	
210	PINE	14	Medium	17.5	962	0	0%	Saved	0	
211	POP	20	Large	25	1963	0	0%	Saved	1000	
212	PINE	14	Medium	17.5	962	0	0%	Saved	0	
213	PINE	17	Medium	21.25	1418	0	0%	Saved	0	
214	HW	8	Small	10	314	0	0%	Saved	0	
215	PINE	10	Medium	12.5	491	0	0%	Saved	0	
216	PINE	13	Medium	16.25	829	0	0%	Saved	0	
217	PINE	12	Medium	15	707	0	0%	Saved	0	
218	PINE	12	Medium	15	707	0	0%	Saved	0	
219	PINE	10	Medium	12.5	491	0	0%	Saved	0	
220	HW	10	Medium	12.5	491	0	0%	Saved	0	
221	PINE	12	Medium	15	707	0	0%	Saved	0	
222	HW	13	Medium	16.25	829	0	0%	Saved	0	
223	PINE	12	Medium	15	707	0	0%	Saved	0	
224	PINE	17	Medium	21.25	1418	0	0%	Saved	0	
225	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
226	GUM	9	Small	11.25	397	0	0%	Saved	0	
227	HW	8	Small	10	314	0	0%	Saved	0	
228	PINE	12	Medium	15	707	0	0%	Saved	0	
229	PINE	16	Medium	20	1256	0	0%	Saved	0	
230	PINE	8	Small	10	314	0	0%	Saved	0	
231	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
232	POP	12	Medium	15	707	0	0%	Saved	0	
233	PINE	14	Medium	17.5	962	0	0%	Saved	0	
234	POP	14	Medium	17.5	962	0	0%	Saved	0	
235	HW	10	Medium	12.5	491	0	0%	Saved	0	
236	PINE	21	Large	26.25	2164	0	0%	Saved	1000	
237	PINE	20	Large	25	1963	0	0%	Saved	1000	
238	HW	8	Small	10	314	0	0%	Saved	0	
239	PINE	14	Medium	17.5	962	0	0%	Saved	0	
240	HW	10	Medium	12.5	491	0	0%	Saved	0	
241	PINE	13	Medium	16.25	829	0	0%	Saved	0	
241	HW	11	Medium	13.75	594	0	0%	Saved	0	
243	PINE	16	Medium	20	1256	0	0%	Saved	0	
244	HW	9	Small	11.25	397	0	0%	Saved	0	
245	HW	12	Medium	15	707	0	0%	Saved	0	
246	OAK	20	Large	25	1963	0	0%	Saved	1000	
247	HW	10	Medium	12.5	491	0	0%	Saved	0	
248	HW	14	Medium	17.5	962	0	0%	Saved	0	
249	OAK	14	Medium	17.5	962	0	0%	Saved	0	
250	HW	16	Medium	20	1256	419	33%	Destroyed	0	
251	PINE	8	Small	10	314	103	33%	Destroyed	0	
252	HW	8	Small	10	314	0	0%	Saved	0	
253	HW	8	Small	10	314	0	0%	Saved	0	
254	OAK	25	Large	31.25	3066	2011	66%	Destroyed	0	X
255	OAK	15	Medium	18.75	1104	1104	100%	Destroyed	0	
256	OAK	19	Large	23.75	1771	1771	100%	Destroyed	0	X
257	HW	10	Medium	12.5	491	135	28%	Destroyed	0	
258	HW	9	Small	11.25	397	80	20%	Saved	0	
259	HW	11	Medium	13.75	594	111	19%	Saved	0	
260	OAK	21	Large	26.25	2164	314	15%	Saved	1000	
261	HW	21	Large	26.25	2164	252	12%	Saved	1000	
262	HW	8	Medium	10	314	0	0%	Saved	0	
263	HW	12	Medium	15	707	0	0%	Saved	0	
264	PINE	26	Large	32.5	3317	0	0%	Saved	1000	
265	HW	8	Small	10	314	0	0%	Saved	0	
266	HW	8	Small	10	314	0	0%	Saved	0	
267	HW	9	Small	11.25	397	0	0%	Saved	0	
268	HW	8	Small	10	314	0	0%	Saved	0	
269	PINE	25	Large	31.25	3066	0	0%	Saved	1000	
270	HW	8	Small	10	314	0	0%	Saved	0	
271	PINE	12	Medium	15	707	0	0%	Saved	0	
272	PINE	19	Large	23.75	1771	0	0%	Saved	0	
273	HW	8	Medium	10	314	0	0%	Saved	0	
274	HW	12	Medium	15	707	0	0%	Saved	0	
275	PINE	13	Medium	16.25	829	0	0%	Saved	0	
276	PINE	20	Large	25	1963	0	0%	Saved	1000	
277	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
278	HW	14	Medium	17.5	962	0	0%	Saved	0	
279	PINE	12	Medium	15	707	0	0%	Saved	0	
280	HW	11	Medium	13.75	594	0	0%	Saved	0	
281	PINE	27	Large	33.75	3577	0	0%	Saved	1250	
282	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
283	PINE	14	Medium	17.5	962	0	0%	Saved	0	
284	DOG	2	Small	2.5	20	0	0%	Saved	0	
285	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
286	HW	10	Medium	12.5	491	0	0%	Saved	0	
287	OAK	3	Small	3.75	44	0	0%	Saved	0	
288	DOG	2	Small	2.5	20	0	0%	Saved	0	
289	CM	6	Small	7.5	177	0	0%	Saved	0	
290	CM	6	Small	7.5	177	0	0%	Saved	0	
291	CM	6	Small	7.5	177	0	0%	Saved	0	
292	DOG	2	Small	2.5	20	0	0%	Saved	0	
293	OAK	2	Small	2.5	20	0	0%	Saved	0	
294	DOG	2	Small	2.5	20	0	0%	Saved	0	
295	DOG	2	Small	2.5	20	0	0%	Saved	0	
296	HW	5	Small	6.25	123	0	0%	Saved	0	
297	DOG	2	Small	2.5	20	0	0%	Saved	0	
298	HW	6	Small	7.5	177	0	0%	Saved	0	
299	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
300	OAK	23	Large	28.75	2595	0	0%	Saved	1000	
301	PINE	12	Medium	15	707	0	0%	Saved	0	
302	PINE	10	Medium	12.5	491	0	0%	Saved	0	
303	OAK	19	Large	23.75	1771	15	1%	Saved	1000	
304	OAK	18	Large	22.5	1590	60	4%	Saved	1000	
305	OAK	24	Large	30	2826	0	0%	Saved	1000	
306	OAK	23	Large	28.75	2595	0	0%	Saved	1000	
307	OAK	11	Medium	13.75	594	0	0%	Saved	0	
308	PINE	14	Medium	17.5	962	0	0%	Saved	0	
309	MLB	31	Landmark	38.75	4715	0	0%	Saved	1250	
310	HW	16	Medium	20	1256	0	0%	Saved	0	
311	OAK	12	Medium	15	707	0	0%	Saved	0	
312	OAK	10	Medium	12.5	491	0	0%	Saved	0	
313	OAK	11	Medium	13.75	594	0	0%	Saved	0	
314	CM	2	Small	2.5	20	0	0%	Saved	0	
315	HW	6	Small	7.5	177	0	0%	Saved	0	
316	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
317	PINE	14	Medium	17.5	962	0	0%	Saved	0	
318	PINE	14	Medium	17.5	962	0	0%	Saved	0	
319	DOG	3	Small	3.75	44	0	0%	Saved	0	
320	PINE	22	Large	27.5	2375	0	0%	Saved	1000	
321	MAG	5	Small	6.25	123	0	0%	Saved	0	
322	DOG	3	Small	3.75	44	0	0%	Saved	0	
323	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
324	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
325	OAK	19	Large	23.75	1771	0	0%	Saved	1000	
326	PINE	11	Medium	13.75	594	0	0%	Saved	0	
327	PINE	14	Medium	17.5	962	0	0%	Saved	0	
328	GUM	13	Medium	16.25	829	0	0%	Saved	0	
329	PINE	16	Medium	20	1256	0	0%	Saved	0	
330	OAK	8	Small	10	314	0	0%	Saved	0	
331	PINE	12	Medium	15	707	0	0%	Saved	0	
332	OAK	10	Medium	12.5	491	0	0%	Saved	0	
333	DOG	3	Small	3.75	44	0	0%	Saved	0	
334	CHY	8	Small	10	314	0	0%	Saved	0	
335	DOG	3	Small	3.75	44	0	0%	Saved	0	
336	OAK	14	Medium	17.5	962	0	0%	Saved	0	
337	PINE	17	Medium	21.25	1418	0	0%	Saved	0	
338	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
339	DOG	3	Small	3.75	44	0	0%	Saved	0	
340	GUM	9	Small	11.25	397	0	0%	Saved	0	
341	MAP	8	Small	10	314	0	0%	Saved	0	
342	DOG	3	Small	3.75	44	0	0%	Saved	0	
343	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
344	PINE	9	Small	11.25	397	0	0%	Saved	0	
345	PINE	21	Large	26.25	2164	0	0%	Saved	1000	
346	PINE	16	Medium	20	1256	0	0%	Saved	0	
347	MAP	8	Small	10	314	0	0%	Saved	0	
348	DOG	3	Small	3.75	44	0	0%	Saved	0	
349	DOG	3	Small	3.75	44	0	0%	Saved	0	
350	PINE	13	Medium	16.25	829	0	0%	Saved	0	
351	PINE	12	Medium	15	707	0	0%	Saved	0	
352	PINE	16	Medium	20	1256	0	0%	Saved	0	
353	DOG	3	Small	3.75	44	0	0%	Saved	0	
354	PINE	13	Medium	16.25	829	0	0%	Saved	0	
356	PINE	12	Medium	15	707	0	0%	Saved	0	
357	PINE	13	Medium	16.25	829	0	0%	Saved	0	
358	OAK	8	Small	10	314	0	0%	Saved	0	
359	OAK	9	Small	11.25	397	0	0%	Saved	0	
360	POP	10	Medium	12.5	491	0	0%	Saved	0	
361	PINE	14	Medium	17.5	962	0	0%	Saved	0	
362	PINE	8	Small	10	314	0	0%	Saved	0	
364	HW	13	Medium	16.25	829	0	0%	Saved	0	
365	PINE	14	Medium	17.5	962	0	0%	Saved	0	
366	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
367	PINE	9	Small	11.25	397	0	0%	Saved	0	
368	PINE	13	Medium	16.25	829	0	0%	Saved	0	
369	PINE	8	Small	10	314	0	0%	Saved	0	
370	POP	12	Medium	15	707	0	0%	Saved	0	
371	PINE	10	Medium	12.5	491	0	0%	Saved	0	
372	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
373	PINE	14	Medium	17.5	962	0	0%	Saved	0	
374	PINE	10	Medium	12.5	491	0	0%	Saved	0	
375	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
376	PINE	10	Medium	12.5	491	0	0%	Saved	0	
377	PINE	13	Medium	16.25	829	0	0%	Saved	0	
378	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
379	CHY	8	Small	10	314	0	0%	Saved	0	
380	PINE	10	Medium	12.5	491	0	0%	Saved	0	
381	POP	15	Medium	18.75	1104	0	0%	Saved	0	
382	PINE	14	Medium	17.5	962	0	0%	Saved	0	
383	CEDAR	10	Medium	12.5	491	0	0%	Saved	0	
384	CEDAR	10	Medium	12.5	491	0	0%	Saved	0	
385	PINE	10	Medium	12.5	491	0	0%	Saved	0	
386	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
387	CEDAR	10	Medium	12.5	491	0	0%	Saved	0	
389	PINE	14	Medium	17.5	962	0	0%	Saved	0	
390	PINE	14	Medium	17.5	962	0	0%	Saved	0	
391	PINE	14	Medium	17.5	962	0	0%	Saved	0	
392	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
393	PINE	12	Medium	15	707	0	0%	Saved	0	
394	POP	14	Medium	17.5	962	0	0%	Saved	0	
395	POP	9	Small	11.25	397	0	0%	Saved	0	
396	PINE	10	Medium	12.5	491	0	0%	Saved	0	
397	PINE	9	Small	11.25	397	0	0%	Saved	0	
398	PINE	8	Small	10	314	0	0%	Saved	0	
399	PINE	11	Medium	13.75	594	0	0%	Saved	0	
400	HW	13	Medium	16.25	829	0	0%	Saved	0	
401	PINE	12	Medium	15	707	0	0%	Saved	0	
402	PINE	12	Medium	15	707	0	0%	Saved	0	
403	CM	2	Small	2.5	20	0	0%	Saved	0	
404	MLB	40	Landmark	50	7850	0	0%	Saved	1250	
405	PINE	16	Medium	20	1256	253	20%	Saved	0	
406	OAK	30	Landmark	37.5	4416	0	0%	Saved	1250	
407	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
408	PINE	20	Large	25	1963	0	0%	Saved	1000	
409	PINE	13	Medium	16.25	829	0	0%	Saved	0	
410	PINE	9	Small	11.25	397	0	0%	Saved	0	
411	POP	24	Large	30	2826	504	18%	Saved	1000	
412	CAT	27	Landmark	33.75	3577	0	0%	Saved	1250	
413	HW	9	Small	11.25	397	0	0%	Saved	0	
414	PINE	14	Medium	17.5	962	0	0%	Saved	0	
415	PINE	20	Large	25	1963	0	0%	Saved	1000	
416	OAK	25	Large	31.25	3066	0	0%	Saved	1000	
417	POP	25	Large	31.25	3066	0	0%	Saved	1000	
418	OAK	9	Small	11.25	397	0	0%	Saved	0	
419	OAK	12	Medium	15	707	0	0%	Saved	0	
420	OAK	11	Medium	13.75	594	0	0%	Saved	0	
421	OAK	10	Medium	12.5	491	0	0%	Saved	0	
422	HW	8	Small	10	314	0	0%	Saved	0	
423	PINE	19	Large	23.75	1771	0	0%	Saved	1000	
424	CM	3	Small	3.75	44	0	0%	Saved	0	
425	CM	3	Small	3.75	44	0	0%	Saved	0	
426	HW	19	Large	23.75	1771	0	0%	Saved	1000	
427	HW	15	Medium	18.75	1104	0	0%	Saved	0	
428	HW	13	Medium	16.25	829	0	0%	Saved	0	
429	PINE	19	Large	23.75	1771	1205	68%	Destroyed	0	X
430	GUM	18	Large	22.5	1590	1194	75%	Destroyed	0	X
431	POP	20	Large	25	1963	1000	51%	Destroyed	0	X
432	POP	22	Large	27.5	2375	1242	52%	Destroyed	0	X
433	PINE	24	Large	30	2826	1248	44%	Destroyed	0	X
434	POP	20	Large	25	1963	1147	58%	Destroyed	0	X
435	PINE	23	Large	28.75	2595	1208	47%	Destroyed	0	X
436	PINE	23	Large	28.75	2595	1177	45%	Destroyed	0	X
437	PINE	21	Large	26.25	2164	1560	72%	Destroyed	0	X
438	MAP	23	Large	28.75	2595	0	0%	Saved	1000	
439	MAP	15	Medium	18.75	1104	68	6%	Saved	0	
440	MAP	21	Large	26.25	2164	323	15%	Saved	1000	
441	CM	3	Small	3.75	44	0	0%	Saved	0	
442	CM	3	Small	3.75	44	0	0%	Saved	0	
443	CM	4	Small	5	79	0	0%	Saved	0	
444	CM	7	Small	8.75	240	0	0%	Saved	0	
445	CM	4	Small	5	79	0	0%	Saved	0	
446	CM	4	Small	5	79	0	0%	Saved	0	
447	CM	4	Small	5	79	0	0%	Saved	0	
448	CM	4	Small	5	79	0	0%	Saved	0	
449	CM	24	Large	30	2826	0	0%	Saved	1000	
450	HW	8	Small	10	314	60	19%	Saved	0	
451	CM	3	Small	3.75	44	0	0%	Saved	0	
452	CM	21	Large	26.25	2164	0	0%	Saved	1000	
453	CM	22	Large	27.5	2375	2375	100%	Destroyed	0	X
454	CM	3	Medium	3.75	44	0	0%	Saved	0	
455	CM	3	Medium	3.75	44	0	0%	Saved	0	
456	CM	24	Large	30	2826	0	0%	Saved	1000	
457	CM	3	Small	3.75	44	0	0%	Saved	0	
458	CM	18	Large	22.5	1590	0	0%	Saved	1000	
459	CM	20	Large	25	1963	0	0%	Saved	1000	
460	HOLLY	6	Small	7.5	177	0	0%	Saved	0	
461	OAK	15	Medium	18.75	1104	0	0%	Saved	0	
462	DOG	9	Small	11.25	397	0	0%	Saved	0	
463	HW	15	Medium	18.75	1104	0	0%	Saved	0	
464	HW	14	Medium	17.5	962	161	17%	Saved	0	
465	HW	9	Small	11.25	397	0	0%	Saved	0	
466	HA	15	Medium	18.75	1104	0	0%	Saved	0	
467	PINE	6	Small	7.5	177	0	0%	Saved	0	
468	PINE	13	Medium	16.25	829	0	0%	Saved	0	
469	HW	10	Medium	12.5	491	0	0%	Saved	0	
470	PINE	14	Medium	17.5	962	0	0%	Saved	0	
471	OAK	13	Medium	16.25	829	0	0%	Saved	0	
472	OAK	12	Medium	15	707	0	0%	Saved	0	
473	OAK	10	Medium	12.5	491	0	0%	Saved	0	
474	OAK	10	Medium	12.5	491	0	0%	Saved	0	
475	OAK	8	Small	10	314	0	0%	Saved	0	
476	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
477	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
478	PINE	15	Medium	18.75	1104	0	0%	Saved	0	
479	PINE	18	Large	22.5	1590	0	0%	Saved	1000	
480	OAK	23	Large	28.75	2595	0	0%	Saved	1000	
481	PINE	14	Medium	17.5	962	0	0%	Saved	0	
482	HW	14	Medium	17.5	962	0	0%	Saved	0	
483	HW	14	Medium	17.5	962	0	0%	Saved	0	
484	PINE	10	Medium	12.5	491	0	0%	Saved	0	
485	HW	8	Small	10	314	0	0%	Saved	0	
								Existing Canopy to Remain:	116500	

BOUNDARY TREES INVENTORY & IMPACT LIST

Number	Species	DBH	Classification	CRZ	CRZ Area	Area Impacted	% Impacted	Action
A	PINE	15	Medium	18.75	1104	149	13%	Saved
B	GUM	22	Large	27.5	2375	575	24%	Saved
C	GUM	20	Large	25	1963	450	23%	Saved
D	HW	17	Medium	21.25	1418	620	44%	Destroyed
E	PINE	28	Landmark	35	3847	3847	100%	Destroyed
F	PINE	19	Large	23.75	1771	661	37%	Destroyed
G	POP	22	Large	27.5	2375	847	36%	Destroyed
H	PINE	23	Large	28.75	2595	815	31%	Destroyed

PROPERTY OWNER MAY PETITION THE CITY OF SANDY SPRINGS FOR FUNDS TO REMOVE ANY "DESTROYED" BOUNDARY TREES IF THEY HAVE FAILED TO THRIVE WITHIN 3 YEARS OF THE APPROVAL DATE OF THIS PROJECT. FAILED TO THRIVE MEANS THAT THE TREES HAVE DIED OR HAVE BEEN DETERMINED TO BE IN IRREVERSIBLE DECLINE BY A CERTIFIED ARBORIST. THE CITY OF SANDY SPRINGS WILL SEND A CERTIFIED LETTER TO THE OWNER OF THE ADJACENT PROPERTY TO NOTIFY THEM OF THIS PROJECT AND THE IMPACT TO THEIR TREES."

CANOPY REQUIREMENT
SITE SF: 578,442

578,442 X .40 = *231,377* (REQUIRED TREE CANOPY)

PROTECTED TREES SUM
116,500 (EXISTING CANOPY TO REMAIN)

1 LANDMARK TREE REPLACEMENT
1 (TOTAL) x 1,250 SF x 1.5 = *1,875 SF* TO BE REPLACED (2 TREES)

14 PROTECTED TREE REPLACEMENT
14 (TOTAL) x 1,000 SF = *14,000 SF* TO BE REPLACED (14 TREES)

CANOPY REPLACEMENT
231,377- 116,500 + 15,875= 130,752 CANOPY REPLACEMENT REQUIRED

SITE CANOPY REPLACEMENT REQUIREMENT NOT SATISFIED. SEE LP SERIES FOR LANDMARK (2 TREES) AND PROTECTED (14 TREES) TREES REPLACEMENT. TREE FUND PAYMENT IS WAIVED DUE TO THE NATURE OF THE PROJECT.

MITIGATION CREDIT REPLACEMENT

SEE LP106 LANDSCAPE PLANTING SCHEDULE FOR TOTAL MITIGATION CREDIT CALCULATION.

16,000 SF (16 TREES) TREE CREDITS REPLACED.
REPLACEMENT MET.

BOUNDARY TREES CREDIT REPLACEMENT

SEE LP106 LANDSCAPE PLANTING SCHEDULE FOR TOTAL BOUNDARY TREE CREDIT CALCULATION.

5,500 SF (5 LARGE TREES, 1 MEDIUM TREE) TREE CREDITS REPLACED.
REPLACEMENT MET.

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 SEAL

MARK	DESCRIPTION	DATE	APPR.

DATE: 3/13/2020 | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: | PLOT DATE: 08/24/2020
DESIGNED BY: MW | DWN BY: LL | CKD BY: MW | SUBMITTED BY: MAW | FILE NAME: LD100.dwg | SIZE: 22" x 34" | PLOT SCALE: 1:1

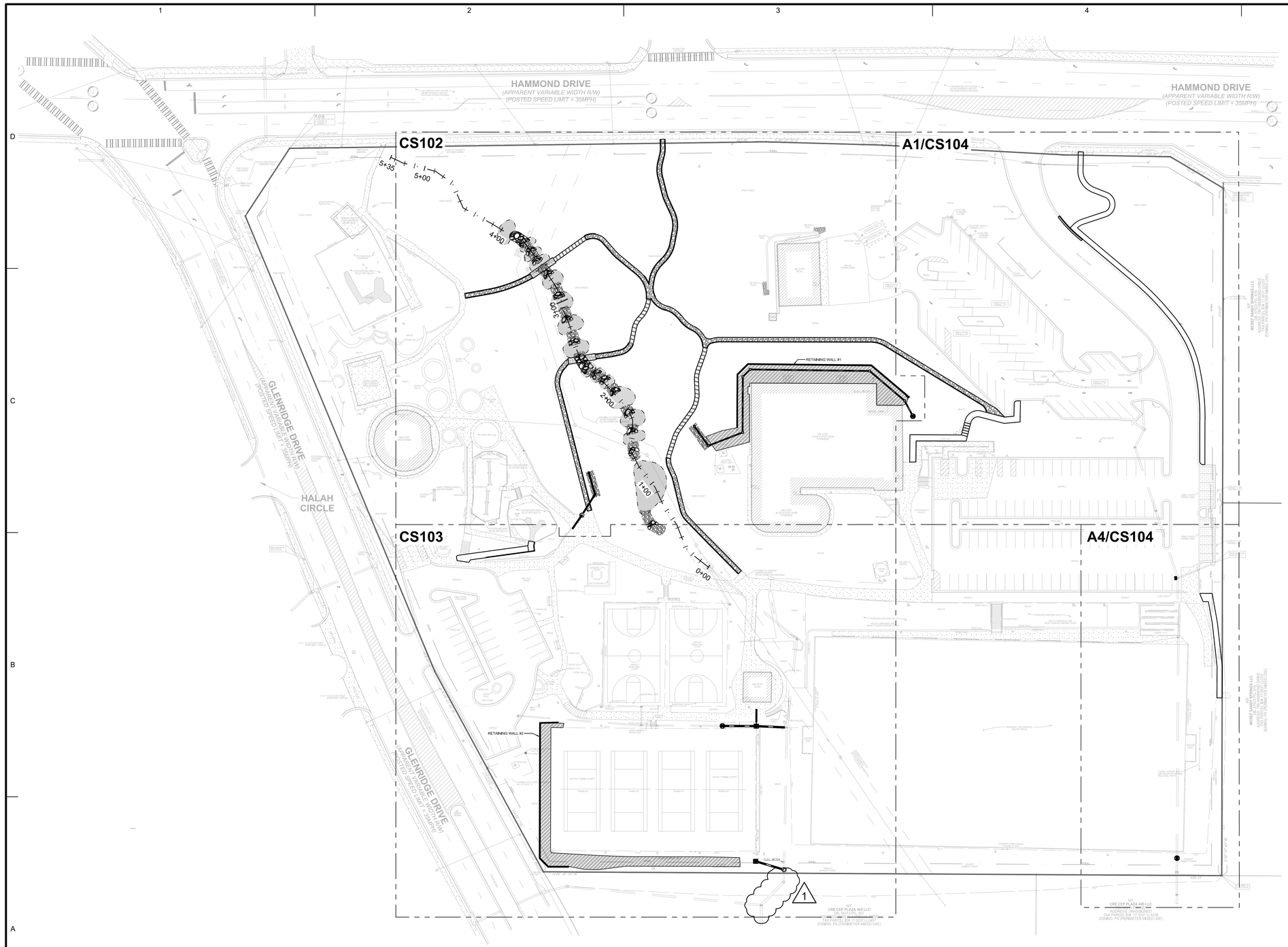
CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 500
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

TREE INVENTORY & IMPACT LIST

SHEET IDENTIFICATION NUMBER
LD107



GENERAL SHEET NOTES

1. REFER TO SHEET C-001FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO SHEETS CS102-CS104 FOR KEYNOTES.

A1 OVERALL SITE & REPAIR PLAN

SCALE: 1" = 50'

0 25' 50' 100' 150'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE: 7/8/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CS100.DWG
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 100
Phone 678.336.7740
Fax 678.336.7744

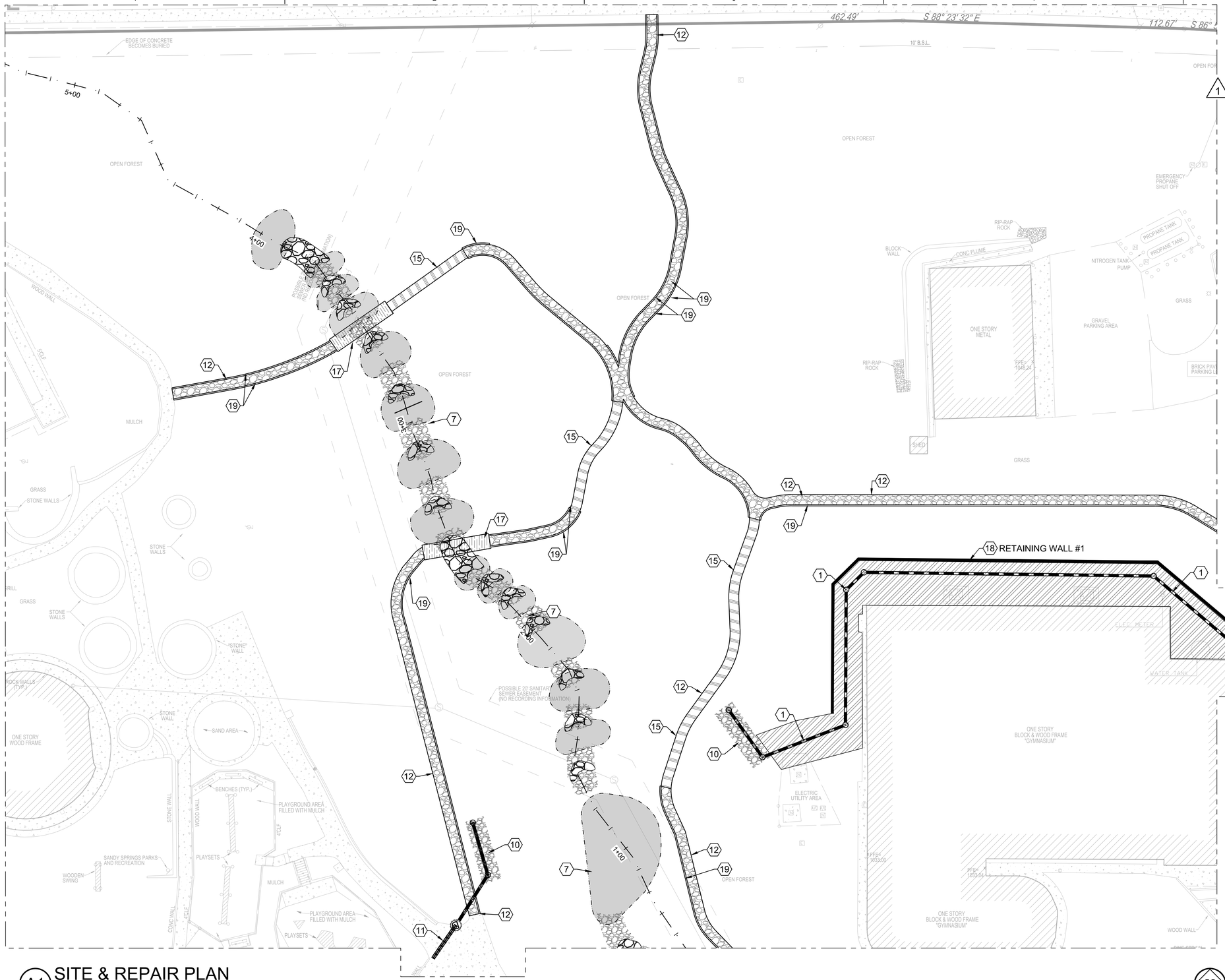
POND PROJECT No.:11906998

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

OVERALL SITE & REPAIR PLAN

SHEET IDENTIFICATION NUMBER
CS101

FILE PATH: X:\FY19\11906998\04.CAD_BIM\04.02.CAD\CS100.DWG PLOTTED BY: LINGLE, PEYTON



A1 SITE & REPAIR PLAN
SCALE: 1" = 20'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO LANDSCAPE PLANS FOR DEMOLITION, INVENTORY, AND PLANTING INFORMATION.
3. PROTECTED OR LANDMARK TREES ARE NOT IMPACTED BY THE PROPOSED RETAINING WALLS.

KEYNOTES

1. CREATE 1% SLOPED SWALE FROM NORTHEAST CORNER OF GYMNASIUM COUNTERCLOCKWISE TO THE WEST SIDE TO REDUCE STANDING WATER.
2. CREATE 1% SLOPED SWALE FROM NORTHWEST CORNER OF TENNIS COURTS COUNTERCLOCKWISE AROUND TO THE SOUTHEAST CORNER TO REDUCE STANDING WATER.
3. CLEAN AND REPAIR EXISTING STORM SEWER PIPES.
4. CLEAR BLOCKAGE IN EXISTING STORM SEWER PIPE.
5. INSTALL JUNCTION BOX. SEE DETAIL A1/C-507.
6. REPAIR SEPARATED STORM SEWER PIPE.
7. CONSTRUCT STEP POOLS AND BIORETENTION POND. SEE DETAIL A1/C-502.
8. INSTALL DOUBLE GRATE INLET.
9. REPLACE DAMAGED CURB AND GUTTER. SEE DETAIL C1/C-506.
10. PERFORATED PIPE LEVEL SPREADER. SEE DETAIL B1/CE504.
11. CONSTRUCT DURA TRENCH 12" TRENCH DRAIN & GRATE. SEE DETAIL SEE A1/C-505.
12. CONSTRUCT WALKING TRAIL. SEE DETAIL A3/C-502.
13. CONSTRUCT CONCRETE SIDEWALK. SEE DETAIL B3/C-502.
14. CONSTRUCT CONCRETE RAMP. SEE DETAIL C1/C-501.
15. WALKING TRAIL STAIRS. SEE DETAIL A3/C-504.
16. CONSTRUCT NEW STORM SEWER MANHOLE. SEE DETAIL A1/C-507.
17. PUNCHEON / FOOT BRIDGE. SEE DETAIL A1/C-504.
18. RETAINING WALL. SEE DETAILS A1C-508 AND S-401.
19. FOR TIMBER EDGING AT SLATE CHIP TRAIL SEE DETAIL C4/C-501.

LEGEND

- GRAVEL WALKING TRAIL
- CONCRETE WALKING TRAIL
- TIMBER BRIDGE CROSSING
- STEP POOL - ROCK RIFFLE
- STEP POOL - WATER SURFACE
- RETAINING WALL AND SWALE
- PROPOSED STORM SEWER

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	REVISIONS PER CITY COMMENTS	05-01-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 7/9/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CS100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

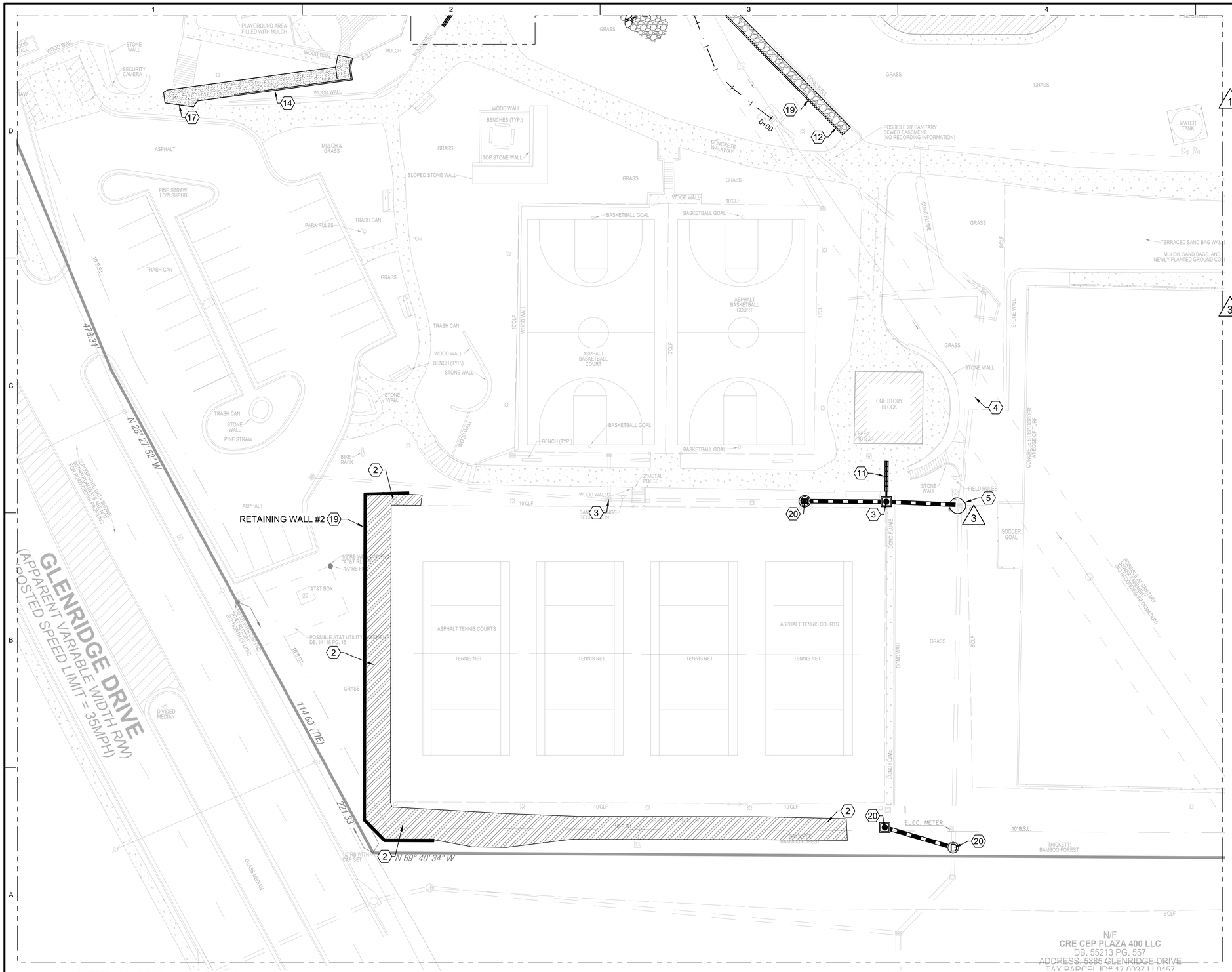
POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

SITE & REPAIR PLAN

SHEET IDENTIFICATION NUMBER
CS102

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CS100.DWG PLOTTED BY: LINGLE, PEYTON



A1 SITE & REPAIR PLAN
SCALE: 1" = 20'

0 10' 20' 40' 60'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO LANDSCAPE PLANS FOR DEMOLITION, INVENTORY, AND PLANTING INFORMATION.
3. PROTECTED OR LANDMARK TREES ARE NOT IMPACTED BY THE PROPOSED RETAINING WALLS.

KEYNOTES

1. CREATE 1% SLOPED SWALE FROM NORTHEAST CORNER OF GYMNASIUM COUNTERCLOCKWISE TO THE WEST SIDE TO REDUCE STANDING WATER.
2. CREATE 1% SLOPED SWALE FROM NORTHWEST CORNER OF TENNIS COURTS COUNTERCLOCKWISE AROUND TO THE SOUTHEAST CORNER TO REDUCE STANDING WATER.
3. CLEAN AND REPAIR EXISTING STORM SEWER PIPES.
4. CLEAR BLOCKAGE IN EXISTING STORM SEWER PIPE.
5. EXTEND GRATE INLET STRUCTURE TO EXISTING GRADE.
6. REPAIR SEPARATED STORM SEWER PIPE.
7. CONSTRUCT STEP POOLS AND BIORETENTION POND. SEE DETAIL A1/C-502.
8. INSTALL DOUBLE GRATE INLET.
9. REPLACE DAMAGED CURB AND GUTTER. SEE DETAIL C1/C-506.
10. PERFORATED PIPE LEVEL SPREADER. SEE DETAIL B1/CE504.
11. CONSTRUCT DURA TRENCH 12" TRENCH DRAIN & GRATE. SEE DETAIL SEE A1/C-505.
12. CONSTRUCT WALKING TRAIL. SEE DETAIL A3/C-502.
13. CONSTRUCT CONCRETE SIDEWALK. SEE DETAIL B3/C-502.
14. CONSTRUCT CONCRETE RAMP. SEE DETAIL C1/C-501.
15. WALKING TRAIL STAIRS. SEE DETAIL A3/C-504.
16. CONSTRUCT NEW STORM SEWER MANHOLE. SEE DETAIL A1/C-507.
17. PUNCHEON / FOOT BRIDGE. SEE DETAIL A1/C-504.
18. RETAINING WALL. SEE DETAILS A1/C-508 AND S-401.
19. FOR TIMBER EDGING AT SLATE CHIP TRAIL SEE DETAIL C4/C-501.
20. INSTALL JUNCTION BOX/GRATE INLET. SEE DETAIL A1/C-507.

LEGEND

- GRAVEL WALKING TRAIL
- CONCRETE WALKING TRAIL
- TIMBER BRIDGE CROSSING
- STEP POOL - ROCK RIFFLE
- STEP POOL - WATER SURFACE
- RETAINING WALL AND SWALE
- PROPOSED STORM SEWER

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
3	REVISIONS PER CITY COMMENTS	07-10-2020	
1	REVISIONS PER CITY COMMENTS	05-01-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 7/8/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CS100.dwg
SIZE: 22" x 34"
SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

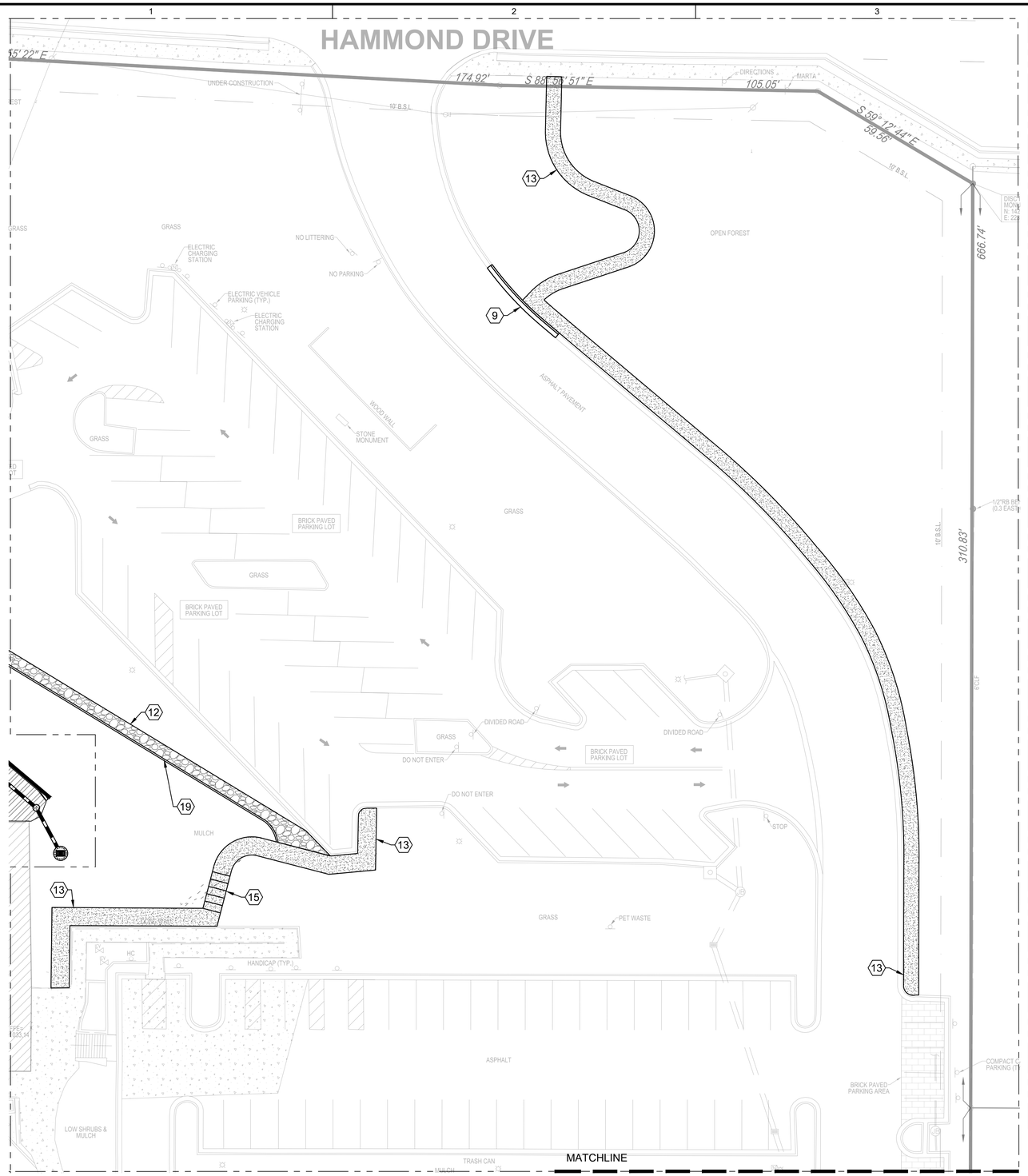
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 100 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906598

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

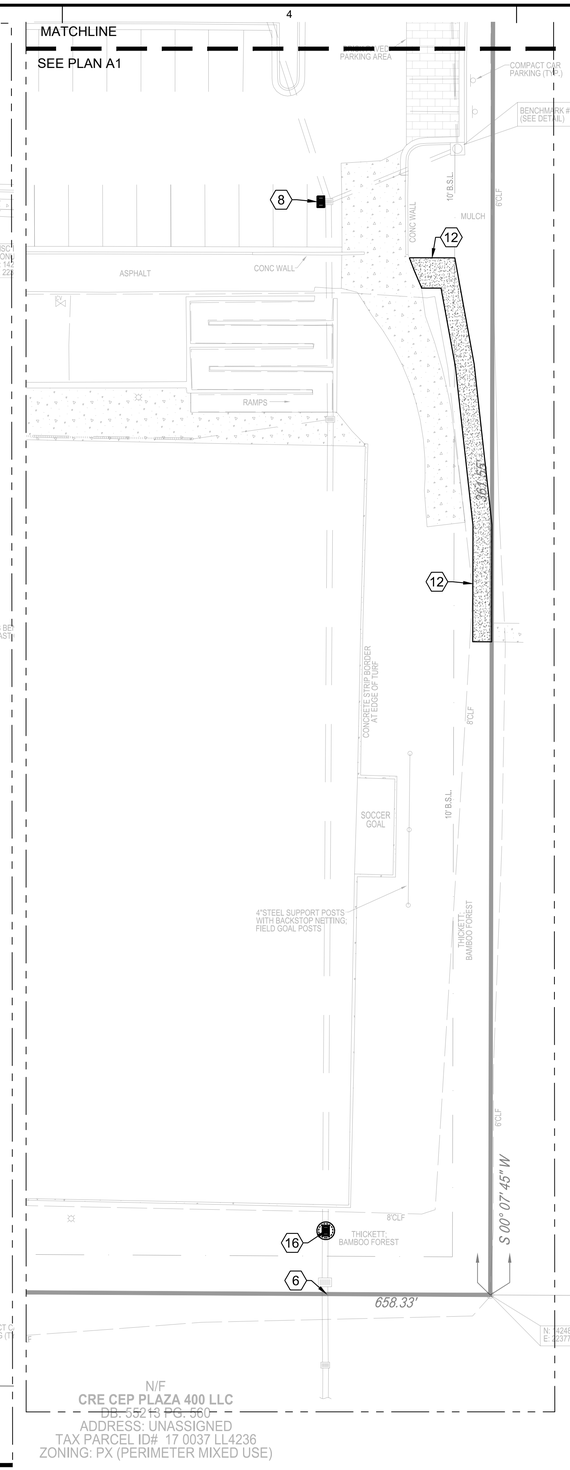
SITE & REPAIR PLAN

SHEET IDENTIFICATION NUMBER
CS103

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CS100.DWG PLOTTED BY: LINGLE, PEYTON



A1 SITE & REPAIR PLAN
SCALE: 1" = 20'



A4 SITE & REPAIR PLAN
SCALE: 1" = 20'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO LANDSCAPE PLANS FOR DEMOLITION, INVENTORY, AND PLANTING INFORMATION.

KEYNOTES

1. CREATE 1% SLOPED SWALE FROM NORTHEAST CORNER OF GYMNASIUM COUNTERCLOCKWISE TO THE WEST SIDE TO REDUCE STANDING WATER.
2. CREATE 1% SLOPED SWALE FROM NORTHWEST CORNER OF TENNIS COURTS COUNTERCLOCKWISE AROUND TO THE SOUTHEAST CORNER TO REDUCE STANDING WATER.
3. CLEAN AND REPAIR EXISTING STORM SEWER PIPES.
4. CLEAR BLOCKAGE IN EXISTING STORM SEWER PIPE.
5. INSTALL JUNCTION BOX. SEE DETAIL A1/C-507.
6. REPAIR SEPARATED STORM SEWER PIPE.
7. CONSTRUCT STEP POOLS AND BIORETENTION POND. SEE DETAIL A1/C-502.
8. INSTALL DOUBLE GRATE INLET. SEE DETAIL B3/C-504.
9. REPLACE DAMAGED CURB AND GUTTER. SEE DETAIL C1/C-506.
10. PERFORATED PIPE LEVEL SPREADER. SEE DETAIL B1/CE504.
11. CONSTRUCT DURA TRENCH 12" TRENCH DRAIN & GRATE. SEE DETAIL SEE A1/C-505.
12. CONSTRUCT WALKING TRAIL. SEE DETAIL A3/C-502.
13. CONSTRUCT CONCRETE SIDEWALK. SEE DETAIL B3/C-502.
14. CONSTRUCT CONCRETE RAMP. SEE DETAIL C1/C-501.
15. WALKING TRAIL STAIRS. SEE DETAIL A3/C-504.
16. CONSTRUCT NEW STORM SEWER MANHOLE. SEE DETAIL A1/C-507.
17. PUNCHEON / FOOT BRIDGE. SEE DETAIL A1/C-504.
18. RETAINING WALL. SEE DETAILS A1/C-508 AND S-401.
19. FOR TIMBER EDGING AT SLATE CHIP TRAIL SEE DETAIL C4/C-501.

LEGEND

- GRAVEL WALKING TRAIL
- CONCRETE WALKING TRAIL
- TIMBER BRIDGE CROSSING
- STEP POOL - ROCK RIFFLE
- STEP POOL - WATER SURFACE
- RETAINING WALL AND SWALE
- PROPOSED STORM SEWER

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PETYON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
FILE NAME: CS100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 7/8/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

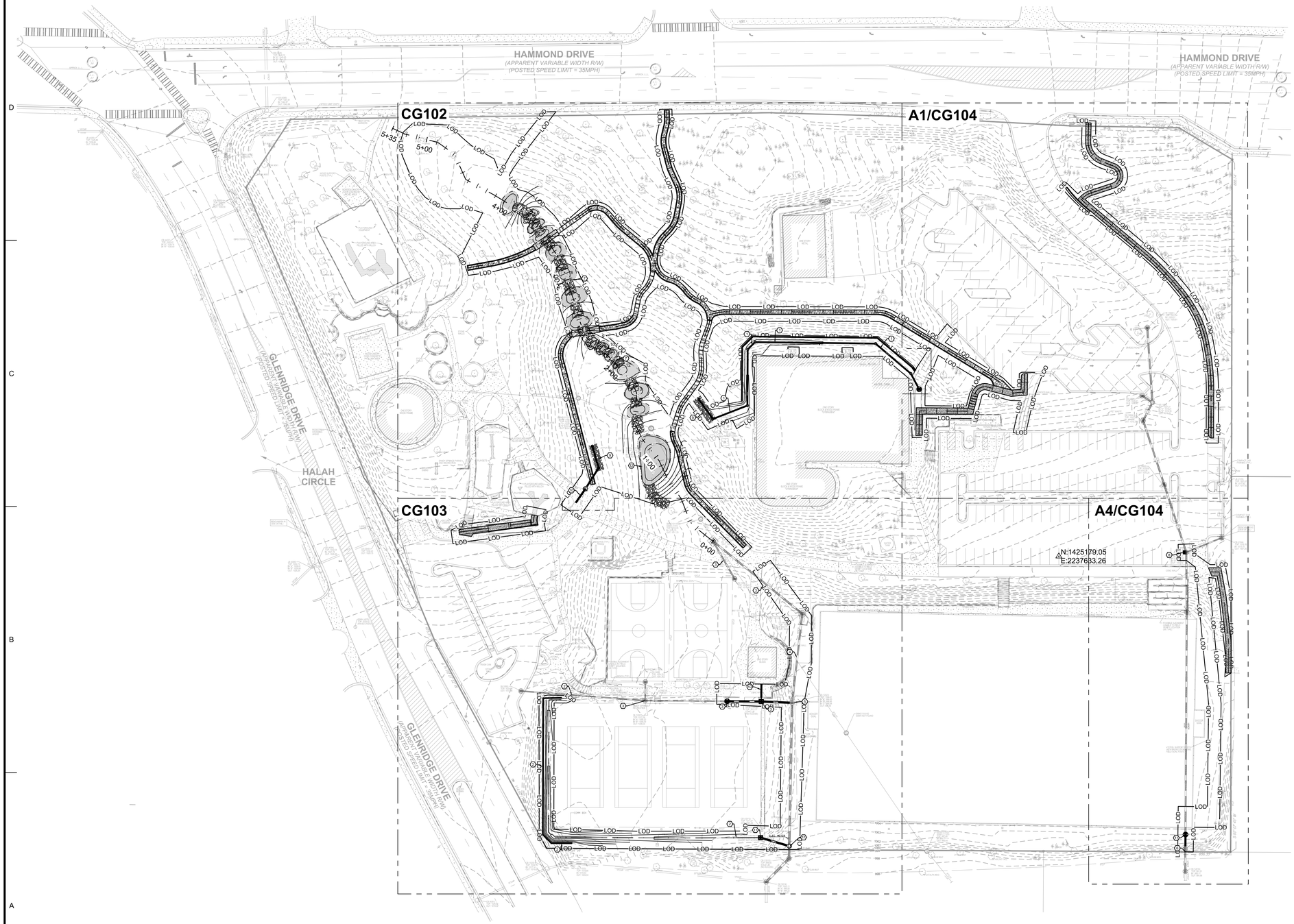
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 550 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906598

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

SITE & REPAIR PLAN

SHEET IDENTIFICATION NUMBER
CS104

FILE PATH: X:\FY19\11906698\04.CAD_BIM\04.02.CAD\CS100.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO SHEETS CG102-CG104 FOR KEYNOTES.

A1 OVERALL GRADING PLAN

SCALE: 1" = 50'

0 25' 50' 100' 150'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE:
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CG100.dwg
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020
SHEET SIZE: 22" x 34"

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

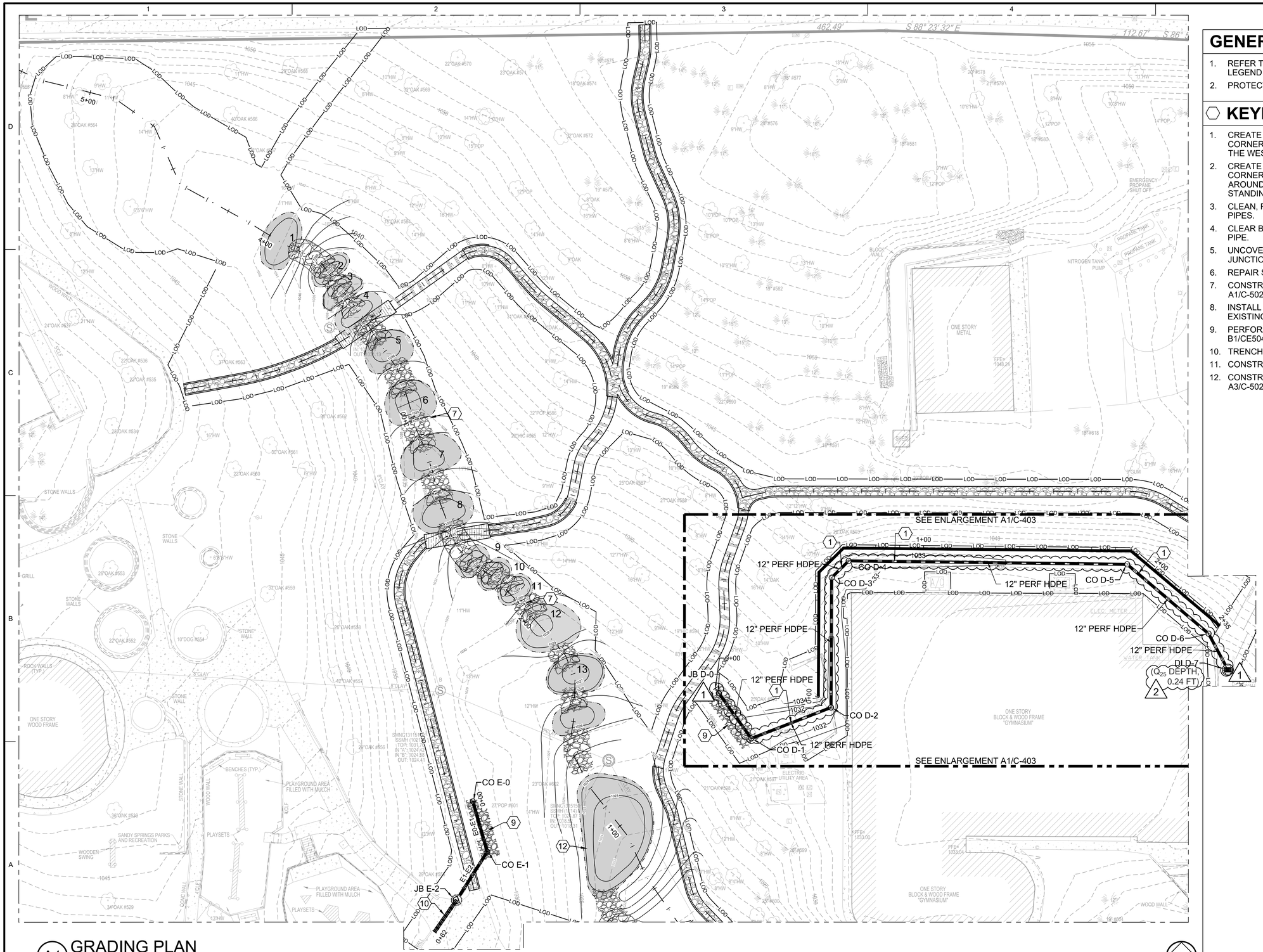
POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

OVERALL GRADING PLAN

SHEET IDENTIFICATION NUMBER
CG101

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CG100.DWG PLOTTED BY: LINGLE, PEYTON



A1 GRADING PLAN

SCALE: 1" = 20'

0 10' 20' 40' 60'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. PROTECT EXISTING UTILITIES.

KEYNOTES

1. CREATE 1% SLOPED SWALE FROM NORTHEAST CORNER OF GYMNASIUM COUNTERCLOCKWISE TO THE WEST SIDE TO REDUCE STANDING WATER.
2. CREATE 1% SLOPED SWALE FROM NORTHWEST CORNER OF TENNIS COURTS COUNTERCLOCKWISE AROUND TO THE SOUTHEAST CORNER TO REDUCE STANDING WATER.
3. CLEAN, REPAIR, AND REROUTE STORM SEWER PIPES.
4. CLEAR BLOCKAGE IN EXISTING STORM SEWER PIPE.
5. UNCOVER EXISTING JUNCTION BOX OR INSTALL JUNCTION BOX AT THIS LOCATION.
6. REPAIR SEPARATED STORM SEWER PIPE.
7. CONSTRUCT STEP POOL SYSTEM. SEE DETAIL A1/C-502.
8. INSTALL DOUBLE GRATE INLET TOPSECTION. EXISTING GRATE INLET TO REMAIN.
9. PERFORATED PIPE LEVEL SPREADER. SEE DETAIL B1/CE504.
10. TRENCH DRAIN. SEE DETAIL A1/C-505.
11. CONSTRUCT NEW STORM SEWER MANHOLE.
12. CONSTRUCT BIORETENTION POND. SEE DETAIL A3/C-502.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DATE:
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: CG100.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092-1170
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.11906998

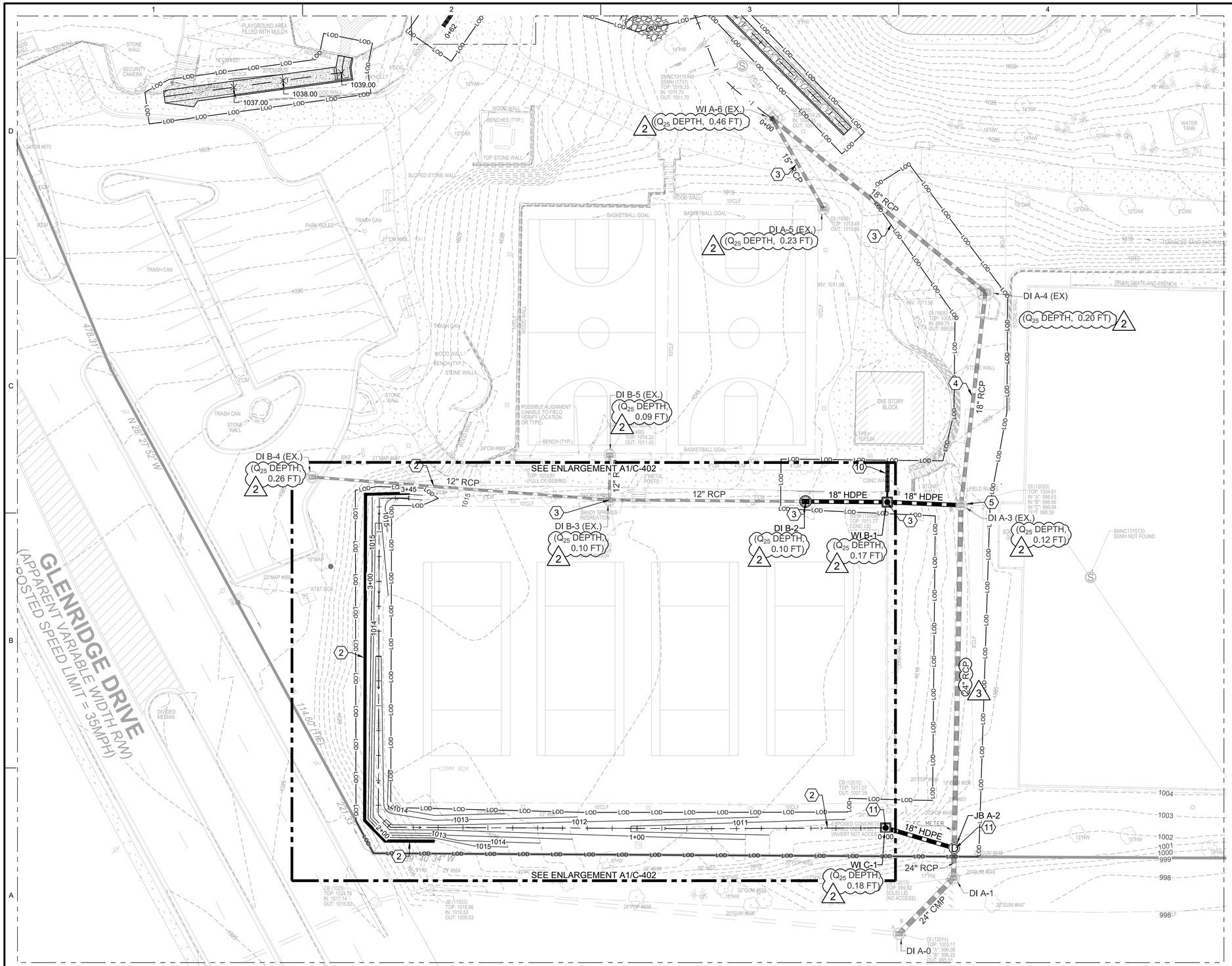
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

GRADING PLAN

SHEET IDENTIFICATION NUMBER

CG102

FILE PATH: X:\FY19\11906998\04.CAD_BIM\04.02.CAD\CG100.DWG PLOTTED BY: LINGLE, PEYTON



A1 GRADING PLAN

SCALE: 1" = 20'

0 10' 20' 40' 60'

ISSUED FOR CONSTRUCTION

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.

KEYNOTES

1. CREATE 1% SLOPED SWALE FROM NORTHEAST CORNER OF GYMNASIUM COUNTERCLOCKWISE TO THE WEST SIDE TO REDUCE STANDING WATER.
2. CREATE 1% SLOPED SWALE FROM NORTHWEST CORNER OF TENNIS COURTS COUNTERCLOCKWISE AROUND TO THE SOUTHEAST CORNER TO REDUCE STANDING WATER.
3. CLEAN, REPAIR, AND REROUTE STORM SEWER PIPES.
4. CLEAR BLOCKAGE IN EXISTING STORM SEWER PIPE.
5. UNCOVER EXISTING DROP INLET AND EXTEND TOP TO EXISTING GRADE.
6. REPAIR SEPARATED STORM SEWER PIPE.
7. CONSTRUCT STEP POOL SYSTEM. SEE DETAIL A1/C-502
8. INSTALL DOUBLE GRATE INLET TOPSECTION. EXISTING GRATE INLET TO REMAIN.
9. PERFORATED PIPE LEVEL SPREADER. SEE DETAIL B1/CE504.
10. TRENCH DRAIN. SEE DETAIL A1/C-505.
11. CONSTRUCT NEW STORM SEWER MANHOLE.
12. CONSTRUCT BIORETENTION POND. SEE DETAIL A3/C-502.

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
3	REVISIONS PER CITY COMMENTS	07-10-2020	
2	REVISIONS PER CITY COMMENTS	05-13-2020	

DESIGNED BY: PIL
DATE:
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: CG100.dwg
FILE NUMBER:
SIZE: 22" x 34"
SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 110 30092
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.11906598

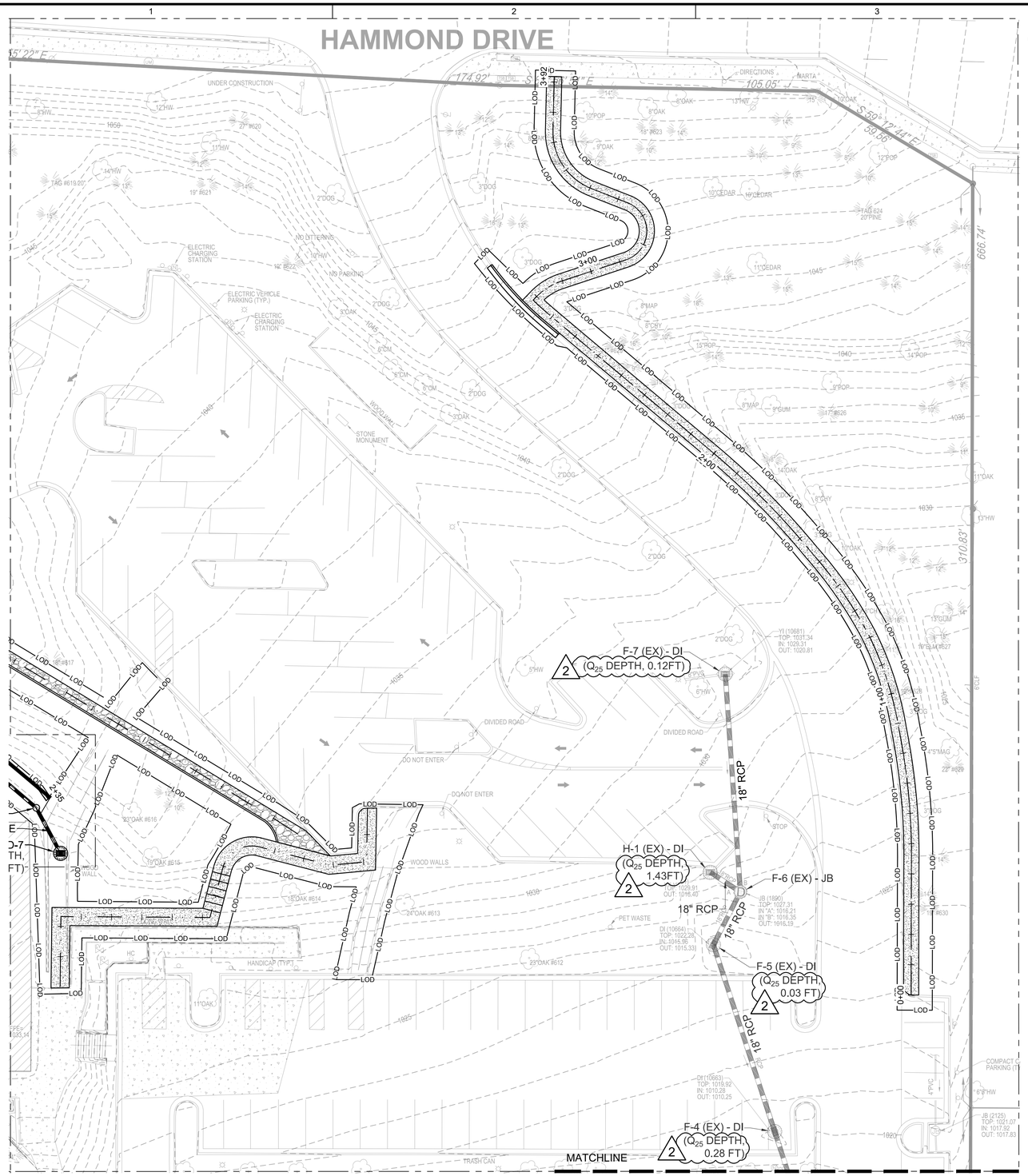
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

GRADING PLAN

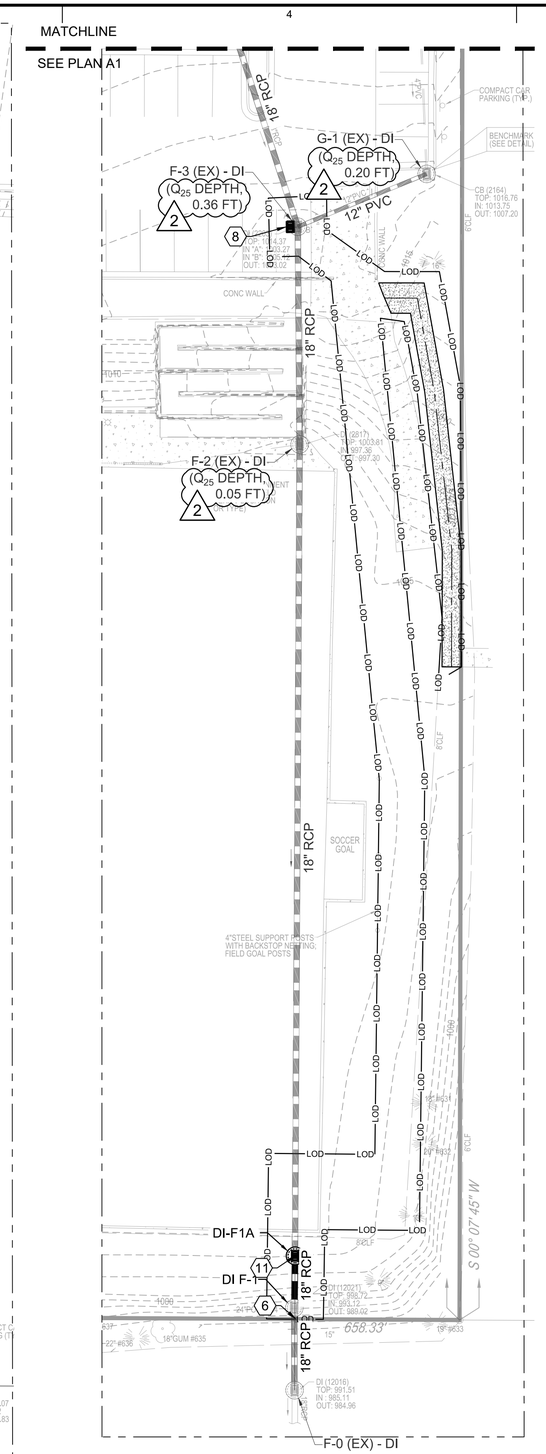
SHEET IDENTIFICATION NUMBER

CG103

FILE PATH: X:\FY19\11906598\04.CAD_BIM\04.02.CAD\CG100.DWG PLOTTED BY: LINGLE, PEYTON



A1 GRADING PLAN
SCALE: 1" = 20'



A4 GRADING PLAN
SCALE: 1" = 20'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.

KEYNOTES

1. CREATE 1% SLOPED SWALE FROM NORTHEAST CORNER OF GYMNASIUM COUNTERCLOCKWISE TO THE WEST SIDE TO REDUCE STANDING WATER.
2. CREATE 1% SLOPED SWALE FROM NORTHWEST CORNER OF TENNIS COURTS COUNTERCLOCKWISE AROUND TO THE SOUTHEAST CORNER TO REDUCE STANDING WATER.
3. CLEAN, REPAIR, AND REROUTE STORM SEWER PIPES.
4. CLEAR BLOCKAGE IN EXISTING STORM SEWER PIPE.
5. UNCOVER EXISTING JUNCTION BOX OR INSTALL JUNCTION BOX AT THIS LOCATION.
6. REPAIR SEPARATED STORM SEWER PIPE.
7. CONSTRUCT STEP POOL SYSTEM. SEE DETAIL A1/C-502.
8. INSTALL DOUBLE GRATE INLET TOP SECTION. EXISTING GRATE INLET TO REMAIN.
9. PERFORATED PIPE LEVEL SPREADER. SEE DETAIL B1/CE504.
10. TRENCH DRAIN. SEE DETAIL A1/C-505.
11. CONSTRUCT NEW STORM SEWER MANHOLE.
12. CONSTRUCT BIORETENTION POND. SEE DETAIL A3/C-502.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	REVISIONS PER CITY COMMENTS DESCRIPTION	DATE	APPR.
2		05-13-2020	

DESIGNED BY: PIL
DATE:
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: CG100.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 USA
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906598

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

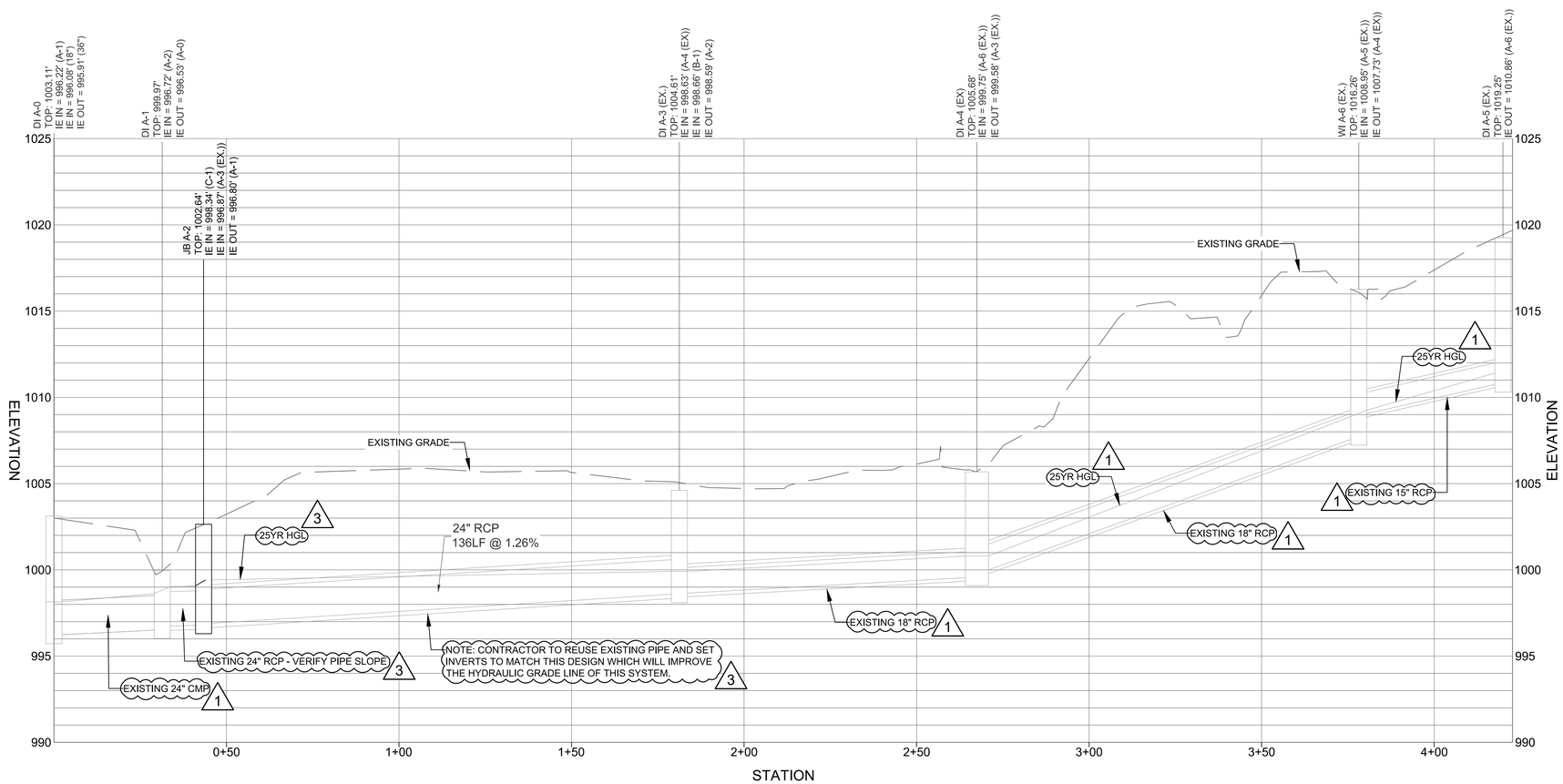
GRADING PLAN

SHEET IDENTIFICATION NUMBER
CG104

FILE PATH: X:\FY19\11906598\04.CAD_BIM\04.02.CAD\CG100.DWG PLOTTED BY: LINGLE, PEYTON

Line No.	Line ID	Flow rate (cfs)	Line Size (in)	Line shape	Line length (ft)	Invert EL Dn (ft)	Invert EL Up (ft)	Line Slope (%)	HGL Down (ft)	HGL Up (ft)	Minor loss (ft)	HGL Junct (ft)	Dns Line No.	Junction Type
11	A0-A1	15.62	24	Cir	31.391	996.22	996.53	0.988	998.14*	998.63*	0.40	999.03	End	DropCurb
12	A1-A2	14.76	24	Cir	12.000	996.72	996.80	0.667	999.03*	999.08*	0.34	999.42	11	Manhole
13	A2-A3	13.48	24	Cir	136.000	996.87	998.59	1.265	999.42	999.91	n/a	999.91 j	12	DropGrate
19	A3-A4	10.02	18	Cir	79.941	998.63	999.58	1.188	999.91	1000.80	n/a	1000.80 j	13	DropGrate
20	A4-A6	9.01	18	Cir	113.716	999.75	1007.73	7.017	1000.80	1008.89	n/a	1008.89	19	DropCurb
21	A5-A6	1.94	15	Cir	41.803	1008.95	1010.86	4.569	1009.25	1011.41	0.21	1011.41	20	DropGrate

1



STORM SEWER LINE A PROFILE
HORZ. SCALE 1"= 20'
VERT. SCALE 1"= 4'

2

GENERAL SHEET NOTES

1. RCP TO BE CLASS III
2. HDPE PIPE MUST MEET STANDARD SPECIFICATIONS PER AASHTO M294 AND GDOT 845.

A1 PROFILES

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
3	REVISIONS PER CITY COMMENTS	07-10-2020	
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C-200.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 500, 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906598

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

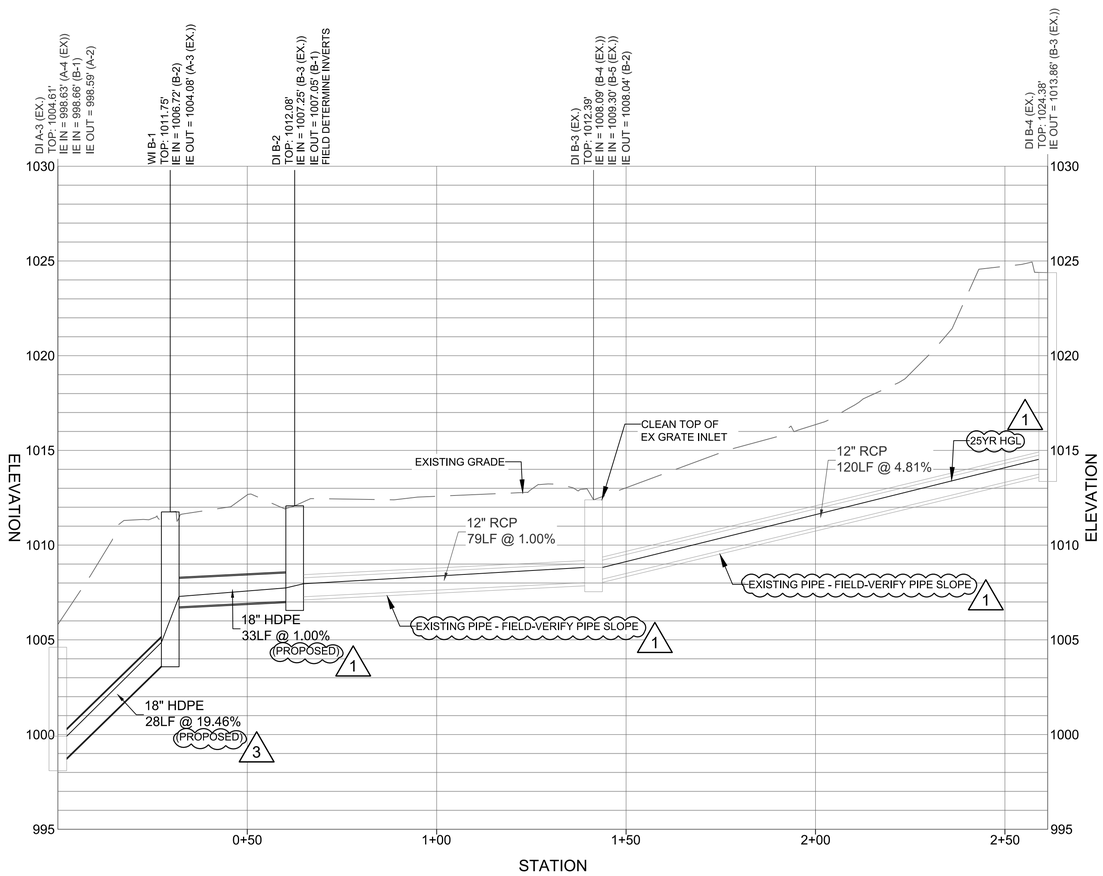
PROFILES

SHEET IDENTIFICATION NUMBER
C-201

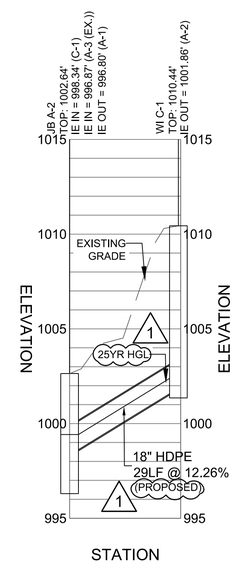
FILE PATH: X:\FY19\11906598\04.CAD_BIM\04.02.CAD\C-200.DWG PLOTTED BY: LINGLE, PEYTON

Line No.	Line ID	Flow rate (cfs)	Line Size (in)	Line shape	Line length (ft)	Invert EL Dn (ft)	Invert EL Up (ft)	Line Slope (%)	HGL Down (ft)	HGL Up (ft)	Minor loss (ft)	HGL Junct (ft)	Dns Line No.	Junction Type
14	A3-B1	4.12	18	Cir	28.000	998.66	1004.08	19.357	999.91	1004.86	n/a	1004.86 j	13	DropGrate
15	B1-B2	3.25	18	Cir	32.849	1006.72	1007.05	1.005	1007.29	1007.74	0.04	1007.74	14	Manhole
16	B2-B3	3.29	12	Cir	78.893	1007.25	1008.04	1.001	1007.96	1008.82	n/a	1008.82	15	DropGrate
17	B3-B5	0.45	12	Cir	18.019	1009.30	1011.40	11.655	1009.43	1011.68	n/a	1011.68	16	DropGrate
18	B3-B4	2.45	12	Cir	119.872	1008.09	1013.86	4.813	1008.82	1014.53	n/a	1014.53 j	16	DropGrate

3



STORM SEWER LINE B PROFILE
HORZ. SCALE 1"= 20'
VERT. SCALE 1"= 4'



STORM SEWER LINE C PROFILE
HORZ. SCALE 1"= 20'
VERT. SCALE 1"= 4'

GENERAL SHEET NOTES

2

1. RCP TO BE CLASS III
2. HDPE PIPE MUST MEET STANDARD SPECIFICATIONS PER AASHTO M294 AND GDOT 845.

A1 PROFILES

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
3	REVISIONS PER CITY COMMENTS	07-10-2020	
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DATE: 04/03/2020
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C200.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA
Suite 300
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

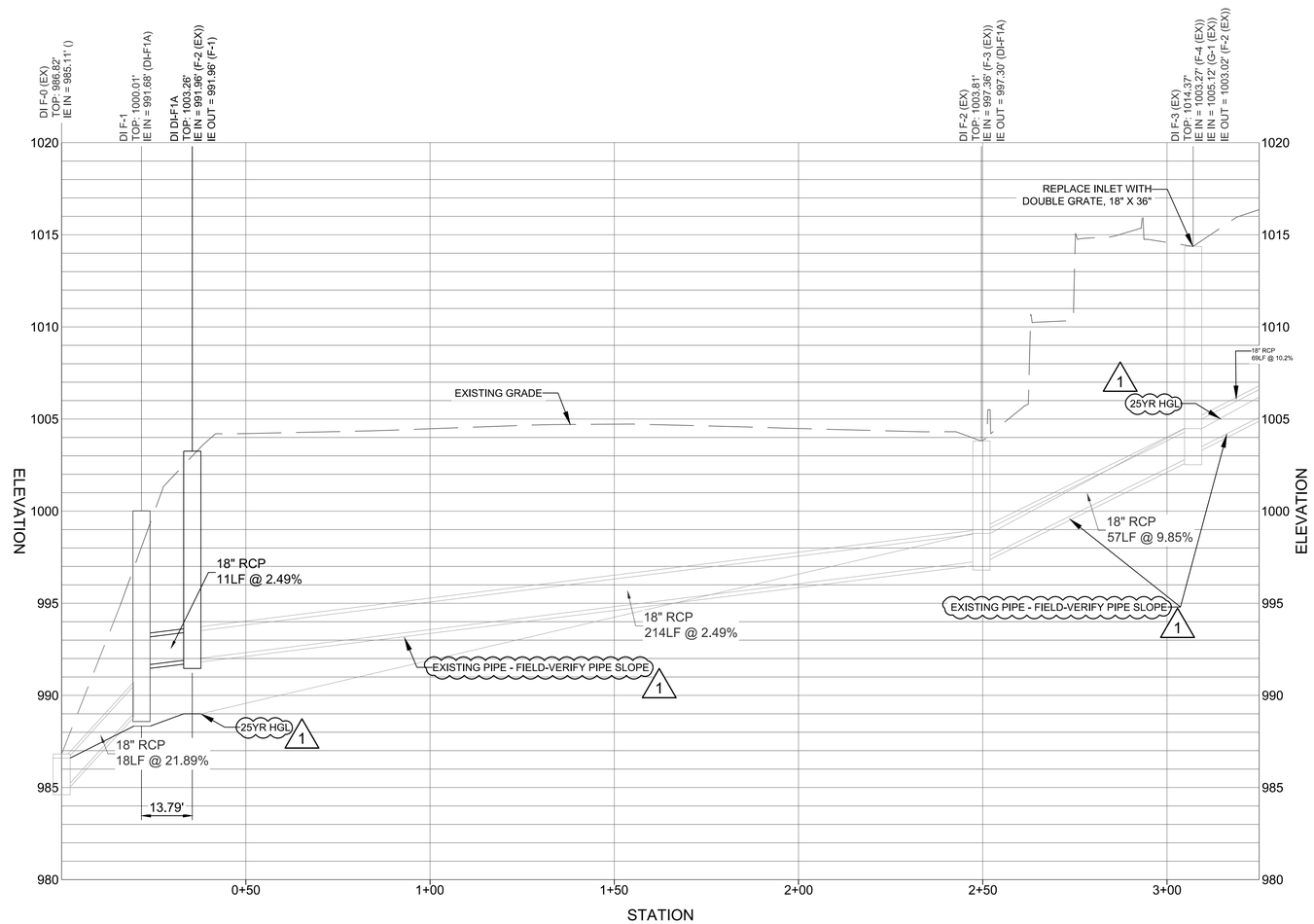
PROFILES

SHEET IDENTIFICATION NUMBER
C-202

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\C-200.DWG PLOTTED BY: LINGLE, PEYTON

Line No.	Line ID	Flow rate (cfs)	Line Size (in)	Line shape	Line length (ft)	Invert EL Dn (ft)	Invert EL Up (ft)	Line Slope (%)	HGL Down (ft)	HGL Up (ft)	Minor loss (ft)	HGL Junct (ft)	Dns Line No.	Junction Type
1	F0-F1	21.12	18	Cir	35.465	985.11	986.84	4.878	986.60	988.31	n/a	988.31 j	End	DropGrate
2	F1-F2	21.30	18	Cir	214.171	986.84	997.30	4.884	988.31	998.77	1.14	998.77	1	DropGrate
3	F2-F3	15.54	18	Cir	57.475	997.36	1003.02	9.848	998.77	1004.44	1.77	1004.44	2	DropGrate
4	F3-F4	9.02	18	Cir	68.525	1003.27	1010.25	10.186	1004.44	1011.41	n/a	1011.41 j	3	DropGrate
5	F4-F5	6.66	18	Cir	64.902	1010.28	1015.33	7.781	1011.41	1016.33	n/a	1016.33 j	4	DropGrate
6	F5-F6	6.59	18	Cir	19.583	1015.96	1016.19	1.174	1016.74	1017.18	n/a	1017.18	5	Manhole
7	F6-F7	0.79	18	Cir	72.107	1016.35	1020.81	6.185	1017.18	1021.14	n/a	1021.14 j	6	DropGrate
8	F6-H1	6.43	18	Cir	11.871	1016.21	1016.40	1.601	1017.18	1017.38	n/a	1017.38	6	DropGrate
9	F3-G1	1.63	12	Cir	36.768	1005.12	1007.20	5.657	1005.39	1007.74	n/a	1007.74	3	DropGrate

1



STORM SEWER LINE F PROFILE
HORZ. SCALE 1"= 20'
VERT. SCALE 1"= 4'

2

GENERAL SHEET NOTES

1. RCP TO BE CLASS III
2. HDPE PIPE MUST MEET STANDARD SPECIFICATIONS PER AASHTO M294 AND GDOT 845

A1 PROFILES

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744

POND PROJECT No.:11906998

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: C-200.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

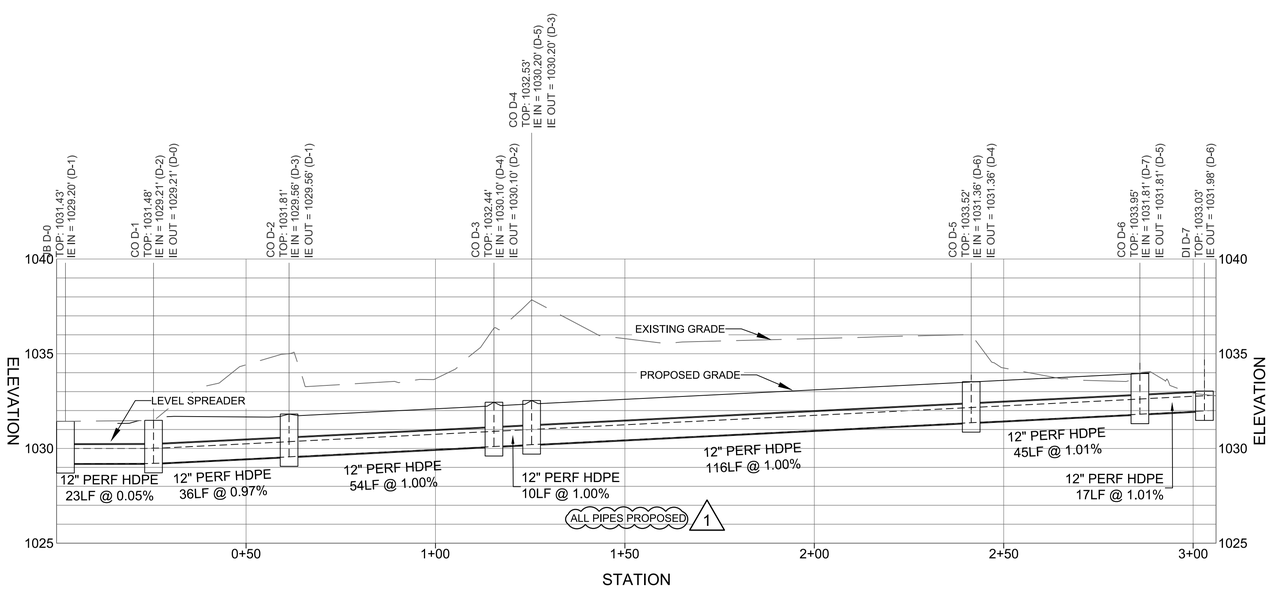
PROFILES

SHEET IDENTIFICATION NUMBER
C-203

FILE PATH: X:\FY19\119069804.CAD_BIM\04.02.CAD\C-200.DWG PLOTTED BY: LINGLE, PEYTON

Line No.	Line ID	Flow rate (cfs)	Line Size (in)	Line shape	Line length (ft)	Invert EL Dn (ft)	Invert EL Up (ft)	Line Slope (%)	HGL Down (ft)	HGL Up (ft)	Minor loss (ft)	HGL Junct (ft)	Dns Line No.	Junction Type
1	D0-D1	2.02	12	Cir	23.234	1028.87	1028.88	0.043	1029.85	1029.88	0.15	1030.03	End	OpenHeadwall
2	D1-D2	2.04	12	Cir	35.643	1028.88	1029.23	0.982	1030.03	1030.13	0.11	1030.24	1	Manhole
3	D2-D3	2.06	12	Cir	54.092	1029.23	1029.77	0.998	1030.24	1030.39	n/a	1030.58 j	2	Manhole
4	D3-D4	2.07	12	Cir	9.952	1029.77	1029.87	1.005	1030.58	1030.48	n/a	1030.48	3	Manhole
5	D4-D5	2.13	12	Cir	115.994	1029.87	1031.03	1.000	1030.48	1031.65	n/a	1031.65	4	Manhole
6	D5-D6	2.15	12	Cir	44.535	1031.03	1031.48	1.010	1031.65	1032.11	0.11	1032.11	5	Manhole
7	D6-D7	2.16	12	Cir	17.039	1031.48	1031.65	0.998	1032.11	1032.28	0.27	1032.28	6	DropGrate

1



STORM SEWER LINE D PROFILE
HORZ. SCALE 1"= 20'
VERT. SCALE 1"= 4'

2

GENERAL SHEET NOTES

1. RCP TO BE CLASS III
2. HDPE PIPE MUST MEET STANDARD SPECIFICATIONS PER AASHTO M294 AND GDOT 845

A1 PROFILES

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	ENTIRE SHEET ADDED PER COMMENTS	04-27-2020	

DESIGNED BY: PIL
DATE: 04/03/2020
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: C-200.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

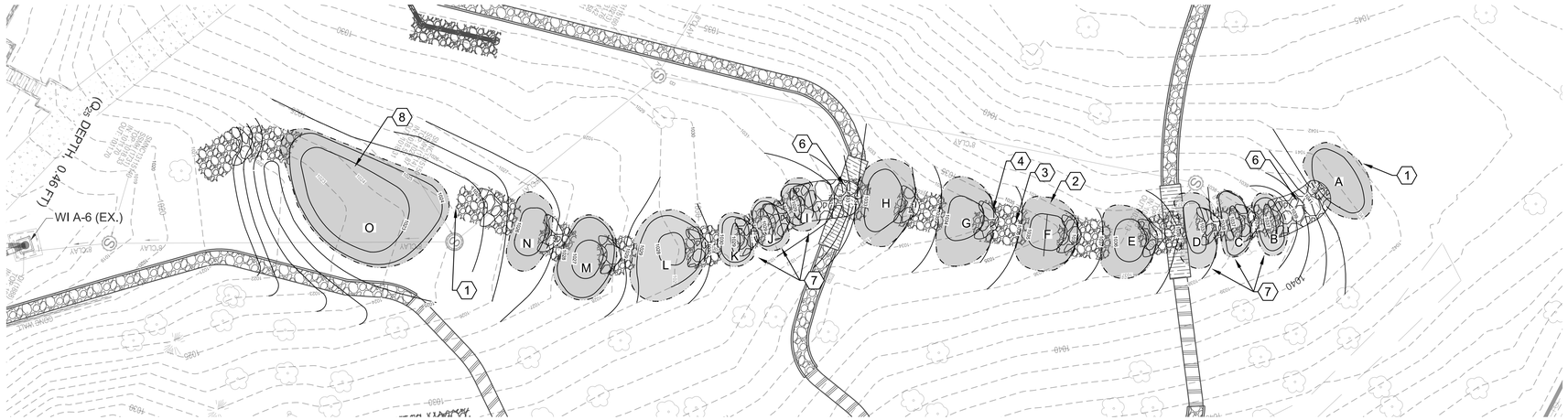
POND
3500 Parkway Lane
Peachtree Corners, GA
30092-2576
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906598

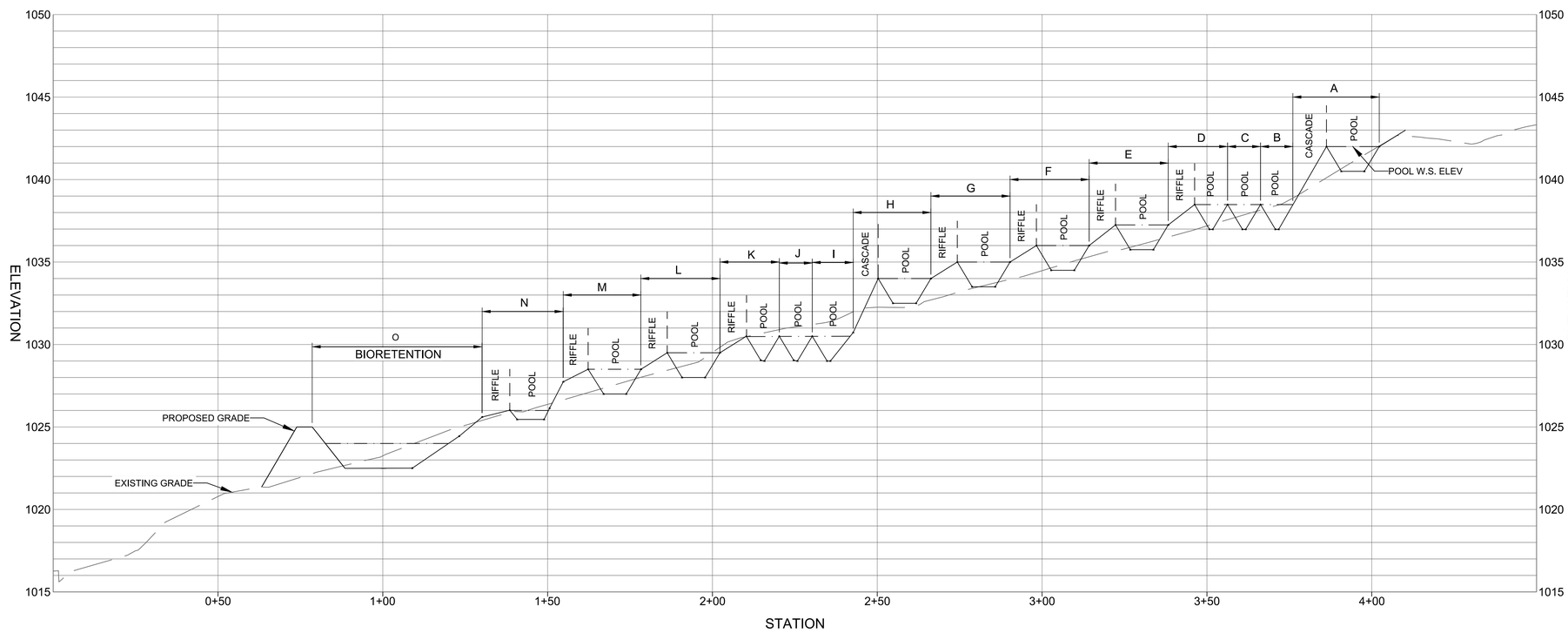
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

PROFILES

SHEET IDENTIFICATION NUMBER
C-204

FILE PATH: X:\FY19\11906598\04.CAD_BIM\04.02.CAD\C-200.DWG PLOTTED BY: LINGLE, PEYTON





STEP POOL PROFILE
HORZ. SCALE 1"= 20'
VERT. SCALE 1"= 4'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO SHEET C-502 FOR ADDITIONAL INFORMATION REGARDING STEP POOL AND BIORETENTION BASIN GEOMETRY.

KEYNOTES

1. STEP POOL SYSTEM START/END. LABELED BY POOL-RIFFLE SEQUENCE. SEE DETAIL A1/C-502.
2. POOL: DEPTH = 18 INCH. UNDERLAIN BY LAYER OF SAND / WOOD CHIP PLANTING MEDIA. SIDE SLOPES 3:1 MAX TO MEET EXISTING GRADE.
4. RIFFLE: COBBLES, 6 INCH DIAMETER. ELEVATION DROP = 1 FT. WIDTH = 12 FT.
5. FOOTER BOULDERS: 18 - 24 INCH DIAMETER
6. CASCADE: ELEVATION DROP 5 FT. CONSTRUCTED OF DOUBLE LAYER OF BOULDER.
7. TRIPLE POOL FOLLOWING CASCADE. AT CONSTANT ELEVATION.
8. BIORETENTION BASIN. SEE DETAIL A3/C-502.

A1 STORMWATER BMP ENLARGMENT & PROFILE

SCALE: 1" = 20'

0 10' 20' 40' 60'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: C1900.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE:
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 | 30071
Phone 678.336.7740
Fax 678.336.7744

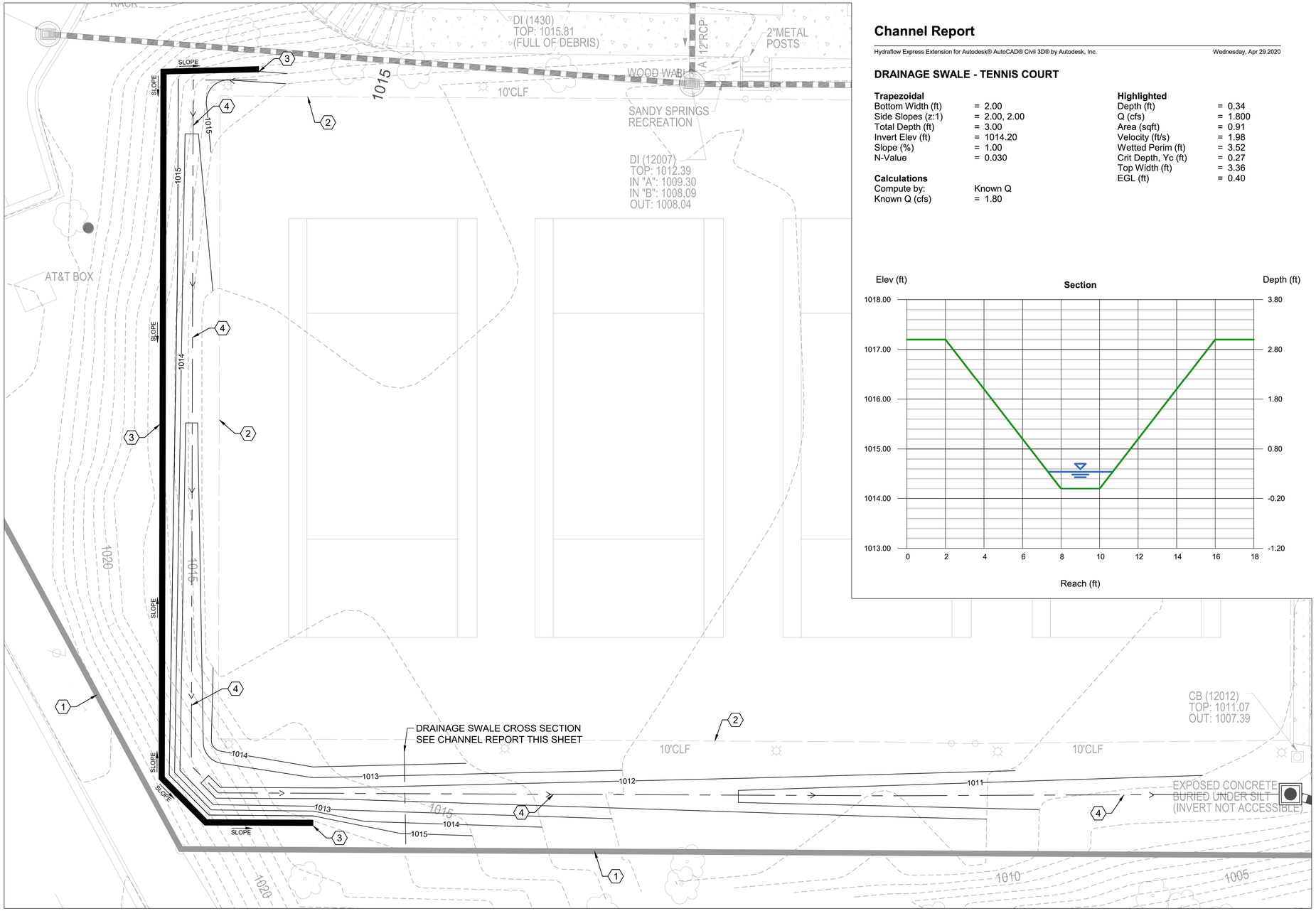
POND PROJECT No.11906698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

STORMWATER BMP ENLARGMENT
& PROFILE

SHEET IDENTIFICATION NUMBER
C-401

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CG100.DWG PLOTTED BY: LINGLE, PEYTON



Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. Wednesday, Apr 29 2020

DRAINAGE SWALE - TENNIS COURT

Trapezoidal

Bottom Width (ft)	= 2.00
Side Slopes (z:1)	= 2.00, 2.00
Total Depth (ft)	= 3.00
Invert Elev (ft)	= 1014.20
Slope (%)	= 1.00
N-Value	= 0.030

Calculations

Compute by:	Known Q
Known Q (cfs)	= 1.80

Highlighted

Depth (ft)	= 0.34
Q (cfs)	= 1.800
Area (sqft)	= 0.91
Velocity (ft/s)	= 1.98
Wetted Perim (ft)	= 3.52
Crit Depth, Yc (ft)	= 0.27
Top Width (ft)	= 3.36
EGL (ft)	= 0.40

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO GRADING PLAN SHEETS FOR ADDITIONAL INFORMATION.

KEYNOTES

1. PROPERTY LINE.
2. EXISTING 10' HIGH CHAIN LINK FENCE.
3. PROPOSED RETAINING WALL. SEE SITE & REPAIR PLAN SHEETS FOR ADDITIONAL INFORMATION.
4. GRADE DRAINAGE SWALE 1% SLOPE MINIMUM.

A1 TENNIS COURT DRAINAGE SWALE ENLARGEMENT
SCALE: 1" = 10'

0 5' 10' 20' 30'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	ENTIRE SHEET ADDED PER COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: CG100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE:
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
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Peachtree Corners, GA
30092 USTPO
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No. 1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

TENNIS COURT DRAINAGE SWALE ENLARGEMENT

SHEET IDENTIFICATION NUMBER
C-402

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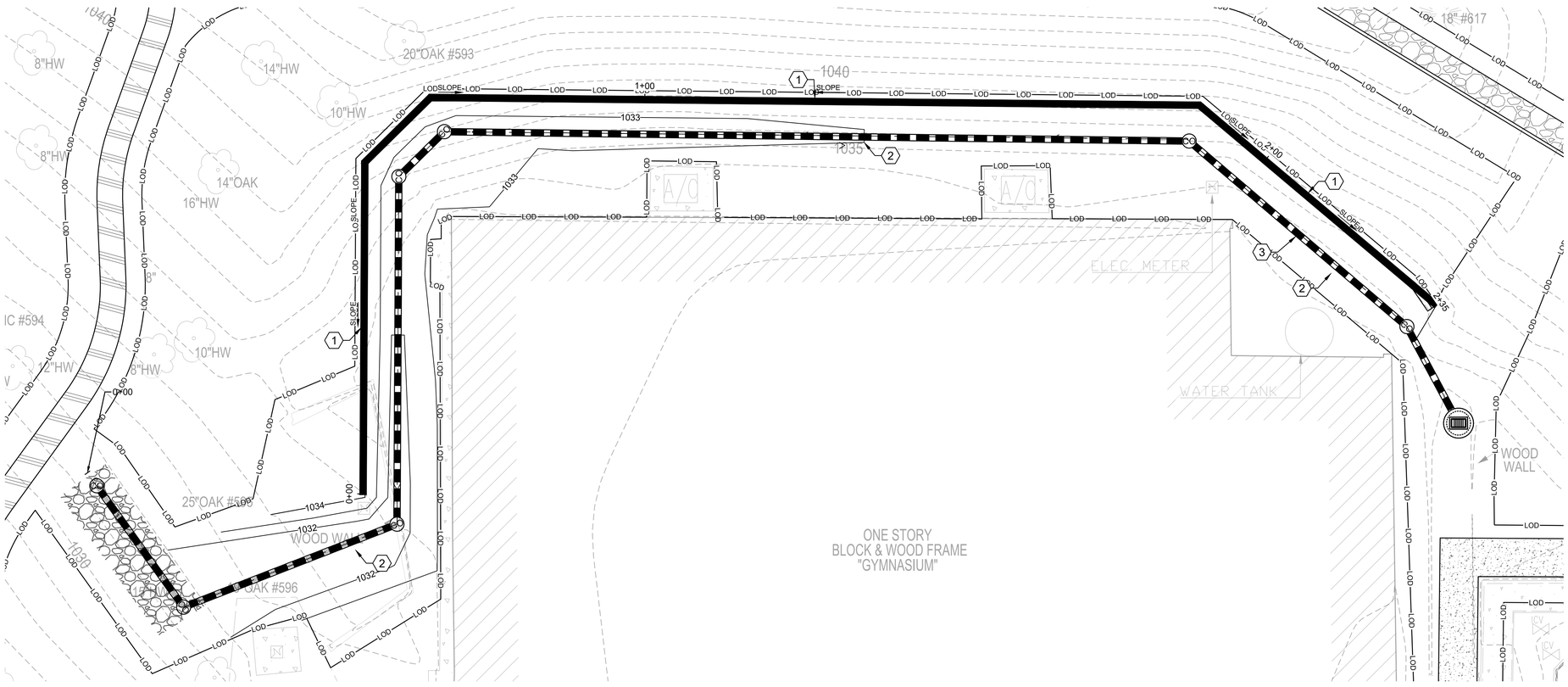


GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR SITE PLAN NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO GRADING PLAN SHEETS FOR ADDITIONAL INFORMATION.

KEYNOTES

1. PROPOSED RETAINING WALL. SEE SITE & REPAIR PLAN SHEETS FOR ADDITIONAL INFORMATION.
2. GRADE DRAINAGE SWALE 1% SLOPE MINIMUM.
3. PROPOSED PERFORATED PIPE UNDERDRAIN SYSTEM. SEE GRADING PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION.

A1 GYMNASIUM DRAINAGE SWALE ENLARGEMENT
SCALE: 1" = 10'

0 5' 10' 20' 30'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	ENTIRE SHEET ADDED PER COMMENTS	05-01-2020	

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 550
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
FILE NAME: C-003.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE:
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

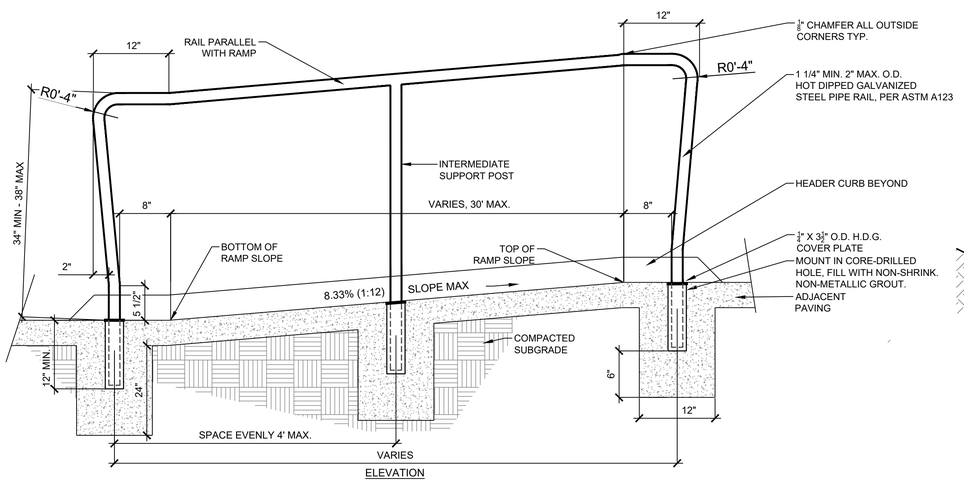
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

GYMNASIUM DRAINAGE SWALE
ENLARGEMENT

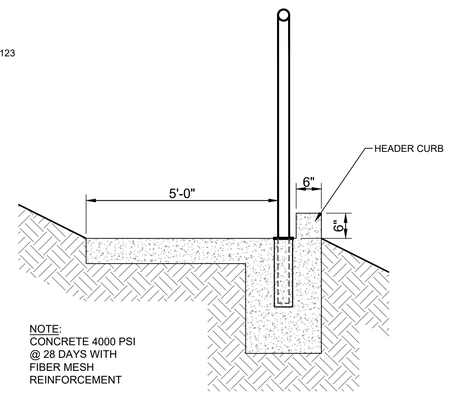
SHEET IDENTIFICATION NUMBER
C-403

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CG100.DWG PLOTTED BY: LINGLE, PEYTON

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR COMPLETE HANDRAIL CONSTRUCTION AND INSTALLATION.
2. ALL HANDRAILS ARE 36" TYP. HEIGHT (34" MIN./38" MAX.) TO TOP OF RAIL, RAIL TO MATCH SLOPE OF PAVING.
3. GRIND ALL WELDS SMOOTH W/ NO BARBS
4. 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.
5. TOP OF GROUT FOR POSTS TO BE ABOVE PAVEMENT LEVEL AND SLOPED TO SHED WATER AWAY FROM POST.



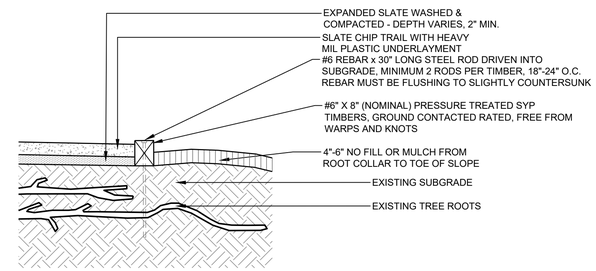
ELEVATION



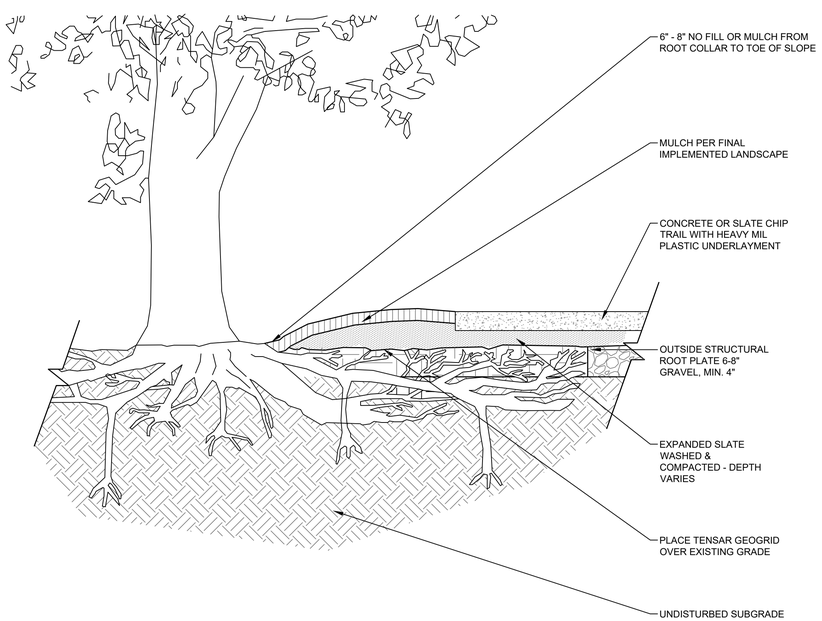
NOTE:
CONCRETE 4000 PSI @ 28 DAYS WITH FIBER MESH REINFORCEMENT

SECTION

C1 ADA WHEELCHAIR RAMP W/ HANDRAIL
NO SCALE

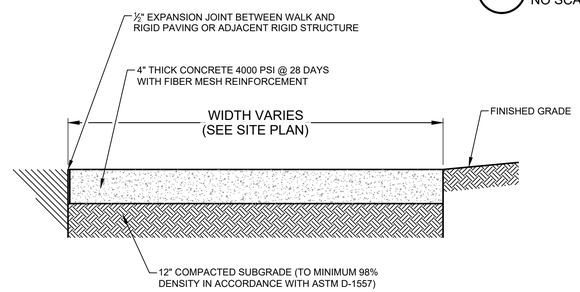


C4 TIMBER EDGING AT SLATE CHIP TRAIL
NO SCALE

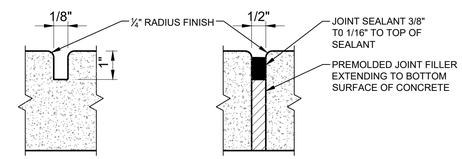


NOTES:
1. NO COMPACTION OF EXISTING GRADE SHALL OCCUR WITHIN THE CRZ OF TREES BEING PRESERVED.
2. SOIL CUTS AND/OR ROOTS DISTURBANCE SHALL ONLY OCCUR UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST.
3. IF EXISTING GRADE IS GREATER THAN 5% SLOPE, LOW RETAINING WALL MAY BE NECESSARY REQUIRED TO HOLD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

A1 TYPICAL CONCRETE / SLATE CHIP TRAIL ROOT BRIDGE SECTION
NO SCALE



NOTE:
CROSS SLOPE 2% (MAX)



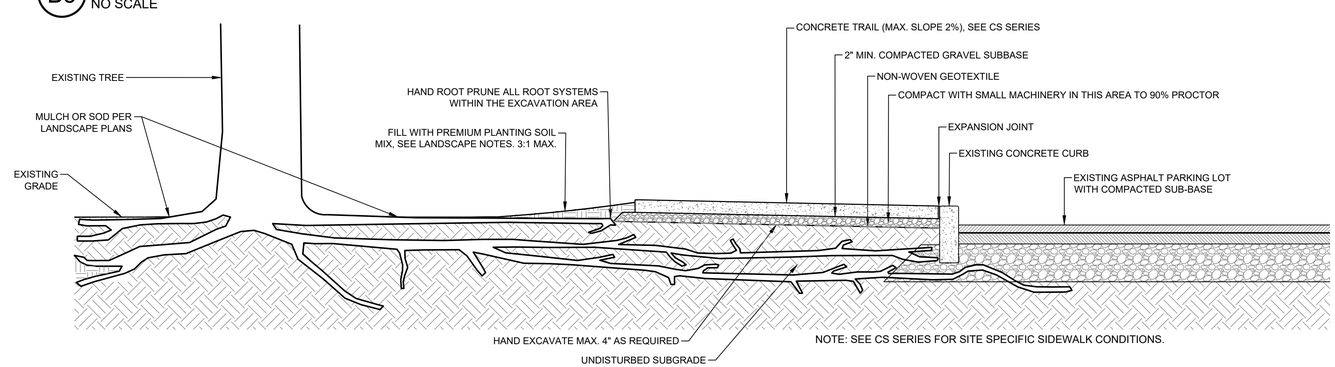
CONTRACTION JOINT

NOTE:
CONTRACTION JOINT SHALL DIVIDE SIDEWALK INTO SQUARE PANELS OR SPACED AT 5' ON CENTER.

EXPANSION JOINT

NOTE:
EXPANSION JOINTS @ 50' MAX. SPACING AND AT JUNCTIONS WITH OTHER STRUCTURES AND RIGID PAVING.

B3 CONCRETE SIDEWALK
NO SCALE



NOTE: SEE CS SERIES FOR SITE SPECIFIC SIDEWALK CONDITIONS.

A3 TYPICAL CONCRETE TRAIL ROOT BRIDGE SECTION AT BACK OF CURB
NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
FILE NAME: C501.dwg
SIZE: 22" X 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
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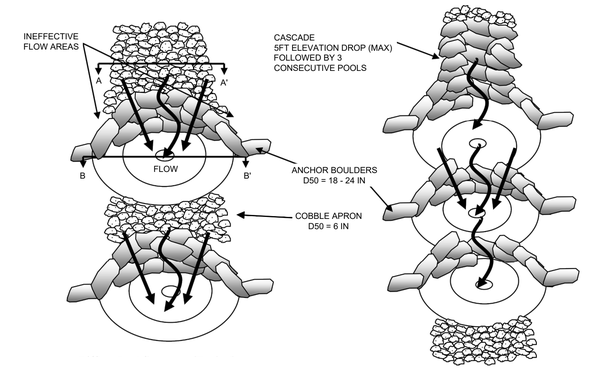
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

CONSTRUCTION DETAILS

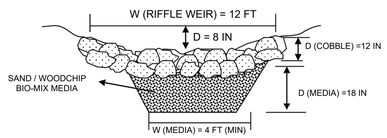
SHEET IDENTIFICATION NUMBER
C-501

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON

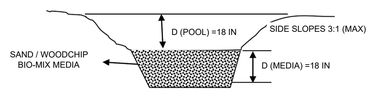


RIFFLE-POOL SEQUENCE (TYPICAL) - PLAN VIEW

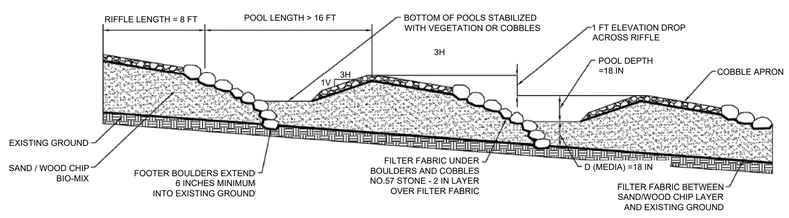
CASCADE SEQUENCE (TYPICAL) - PLAN VIEW



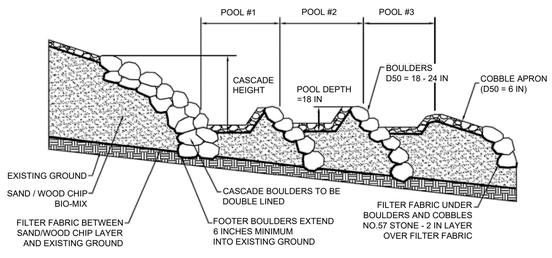
SECTION A-A'
RIFFLE WEIR CROSS SECTION THROUGH COBBLE



SECTION B-B'
POOL CROSS SECTION



RIFFLE-POOL SEQUENCE (TYPICAL) - PROFILE



CASCADE SEQUENCE (TYPICAL) - PROFILE

A1 STORMWATER BMP DETAILS - STEP POOL

NO SCALE

Regenerative Storm Conveyance (RSC) Design Calculations

Discharge Summary

Drainage Area	2.37	acres
Q-1YR	3.75	cfs
Q-2YR	4.76	cfs
Q-5YR	6.57	cfs
Q-10YR	8.14	cfs
Q-25YR	10.44	cfs
Q-50YR	12.27	cfs
Q-100YR	14.18	cfs

Pool/Riffle Profile Design

RSC Length, Total	330	ft
Vertical Drop	20	ft
Slope, Overall	0.06	ft/ft
Total Pool Length	220	ft
Min Pool Depth	1.5	ft
Total Riffle Length	110	ft
Riffle Length, Max	8	ft
Nuber of Riffles	14	
Drop per P/R, Allowed	1.0	ft
Riffle Drop	14	ft
Cascade Drop, Total	6	ft
Number of Cascades	2	

Riffle Cross Section Design

Width	W	12	ft
Side Slopes	H:V	10 :1	
Depth	D	0.6	ft
Area	A	4.80	ft^2
Hydraulic Radius	R	0.397	ft
Cobble Gradation	d_{50}	0.5	ft
Mannings	n	0.058	
Design Flow, 100-yr	Q-100	14.2	cfs
Velocity	V	2.96	ft/s
Froude Number	Fr	0.67	

Pool Volume

Number of Pools	14	
Pool Volume, Total	2600	cf
Media Volume, Total	3100	cf
WQv, Treated	464	cf

Bioretention Basin Design Calculations

Drainage Area	3.36	acres
Site Area (Disturbed)	0.85	acres
CN	66	
BR Area	965	cf
BR/DA	3%	
BR Volume	1090	cf
WQ Volume	1205	cf
WQv Treated by RSC	464	cf
WQv Treated by BR	688	cf

Runoff Volume

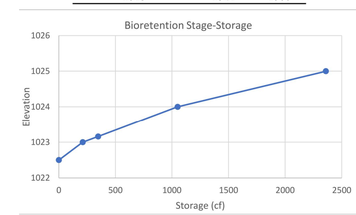
	2YR	25YR	100YR
P (in)	3.76	5.97	7.35
Q (cfs)	0.95	2.42	3.48
VOL (cf)	11531	29492	42465

Infiltration

Point	IN-06	
Rate	4.1	in/hr
Rate	8.20	ft/day
Bottom Area	617	sf
Infiltration Volume	5059	cf

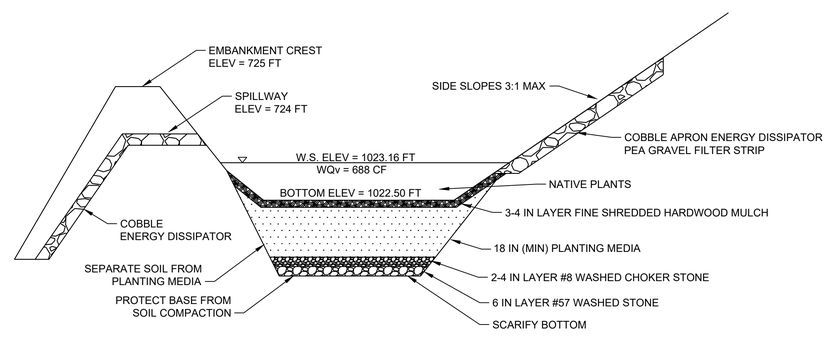
Stage-Storage

Elev	Area (sf)	Storage (cf)
1022.5	260	0
1023	610	211
1023.16 (WQv)	688	347
1024	1090	1050
1025	1542	2360



B3 STEP POOL AND BIORETENTION BASIN GEOMETRY

NO SCALE



A3 STORMWATER BMP DETAILS - BIORETENTION BASIN

NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C-500.dwg
SIZE: 22" x 34"
SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 USA
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906998

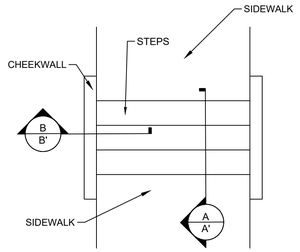
HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

CONSTRUCTION DETAILS

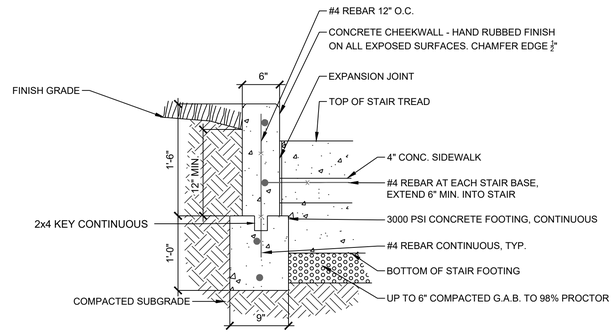
SHEET IDENTIFICATION NUMBER
C-502

FILE PATH: X:\FY19\11906998\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON

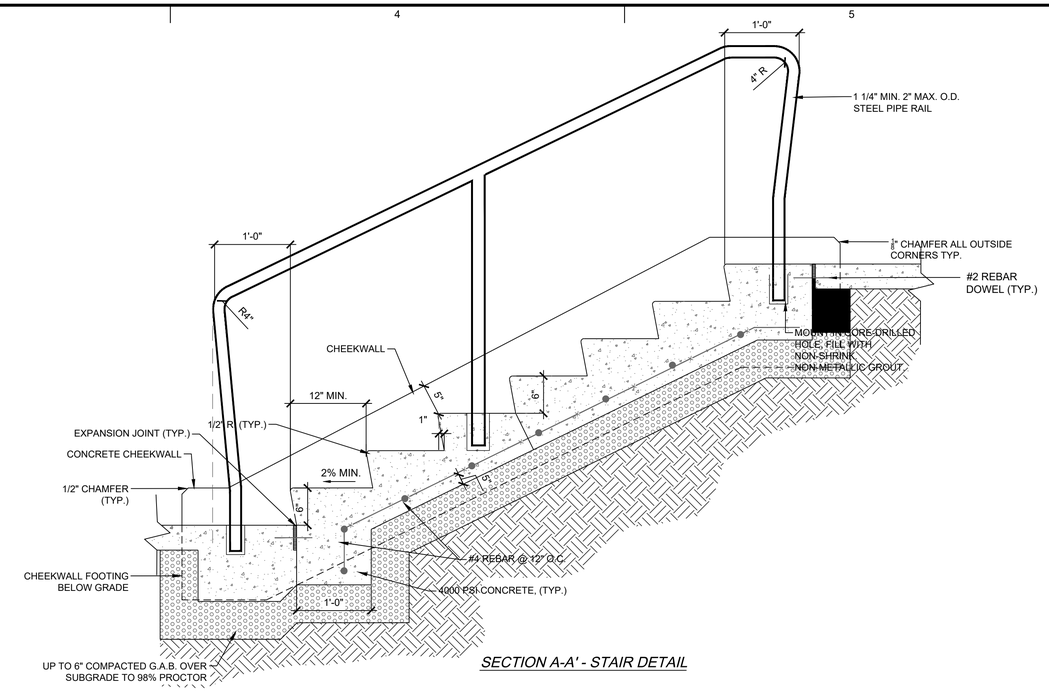
NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR COMPLETE HANDRAIL CONSTRUCTION AND INSTALLATION.
2. ALL HANDRAILS ARE 36" TYP. HEIGHT (34" MIN./38" MAX.) TO TOP OF RAIL.
3. ALL RAILS TO COMPLY WITH CURRENT ADA REQUIREMENTS.
4. GRIND ALL WELDS SMOOTH WITH NO BARBS.
5. PROVIDE INTERMEDIATE POSTS SPACED 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 DETAIL INSET).
6. TOP OF GROUT FOR POSTS TO BE ABOVE PAVEMENT LEVEL AND SLOPED TO SHED WATER AWAY FROM POST.
7. ALL STEEL SHALL BE PAINTED WITH A THREE LAYER COATING IN ACCORDANCE WITH "SYSTEM VII" SPECIFIED IN SECTION 535 "PAINTING STRUCTURES" OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
8. CONTRACTOR SHALL SUBMIT COLOR SAMPLES OF THE PAINT TO THE OWNER AND DESIGN PROFESSIONAL FOR APPROVAL. COLOR: BLACK.



PLAN

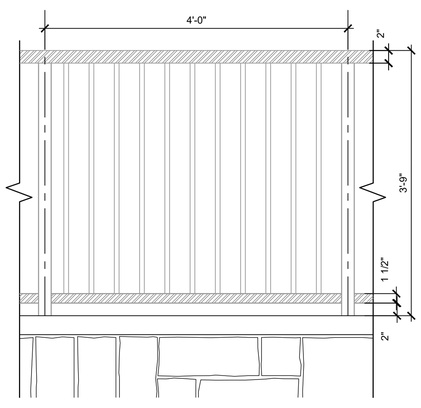


SECTION B-B' - STAIR DETAIL

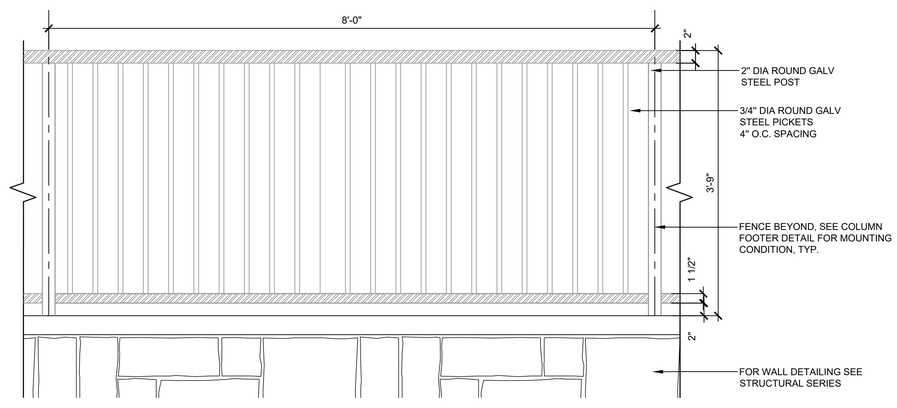


SECTION A-A' - STAIR DETAIL

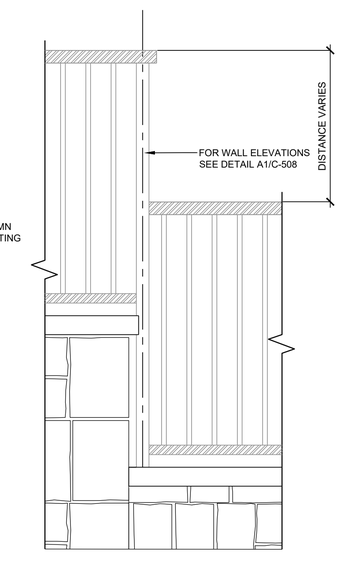
C1 CONCRETE STAIRS DETAIL
NO SCALE



ELEVATION
PANEL TYPE 1 - CURVES



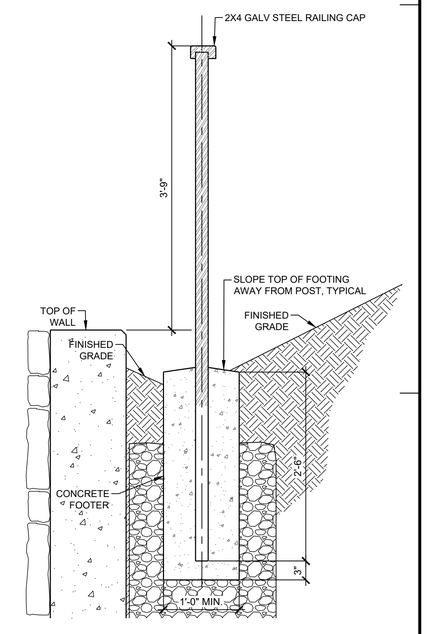
ELEVATION
PANEL TYPE 2 - STRAIGHT RUNS



ELEVATION
WALL STEP

NOTES:
1. SEE SITE PLAN FOR LOCATION AND DIMENSIONS.
2. FILL WELD AND GRIND SMOOTH ALL GALVANIZED STEEL CONNECTIONS.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS, SIGNED AND SEALED BY A REGISTERED GEORGIA ENGINEER.
4. IN LOCATION WHERE GUARDRAIL IS INSTALLED ON A RAMP GREATER THAN 4.8% MAXIMUM SLOPE, PROVIDE GRAB RAILS.

A1 FENCE ELEVATION DETAIL
NO SCALE



A5 FENCE COLUMN FOOTER DETAIL
NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL | CKD BY: MIL | DATE: 04/03/2020
DWN BY: MA | SUBMITTED BY: MAW | SOLICITATION NO.:
FILE NAME: C-500.dwg | CONTRACT NO.:
SIZE: 22" X 34" | PLOT SCALE: 1:1 | FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

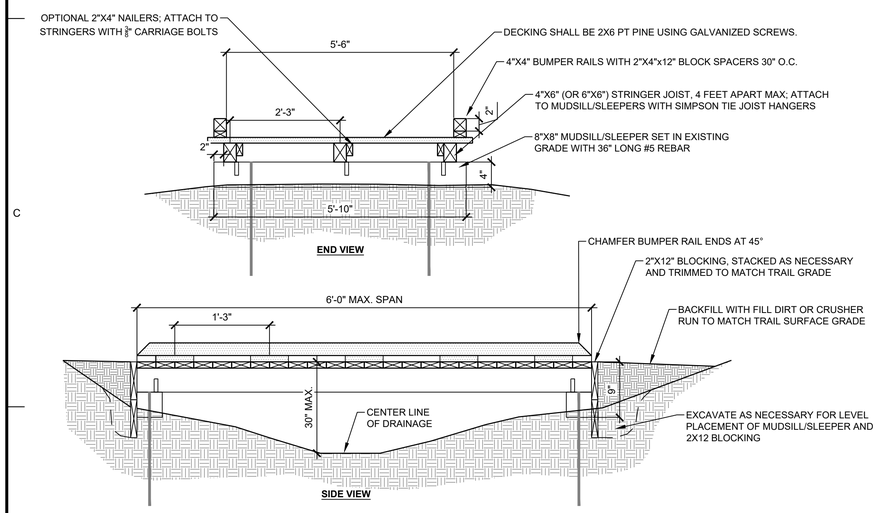
POND
3500 Parkway Lane
Peachtree Corners, Ga
Suite 100 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

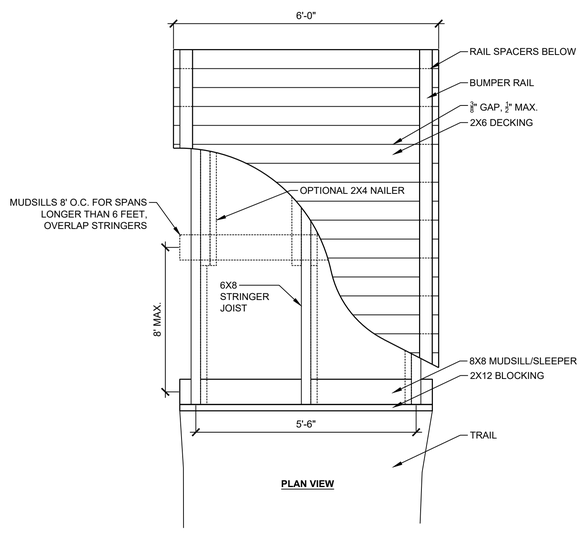
HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
C-503

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON



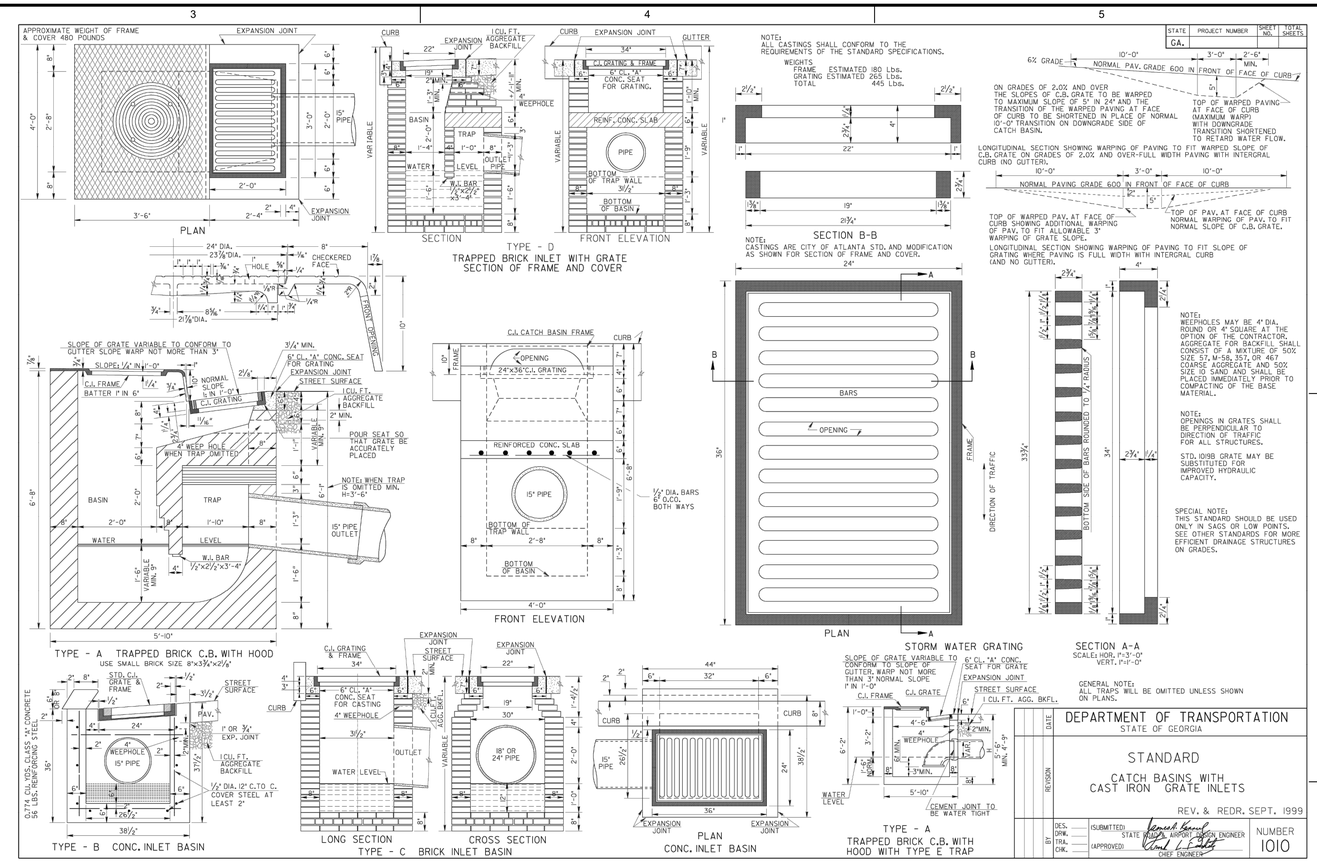


NOTES

1. SPANS OVER SWALES OR STREAMS LIMITED TO 30 INCHES HIGH AND 6 FEET LONG; WHERE EXTENDING OVER WET GROUND UP TO 12 INCHES HIGH, BRIDGE SPAN CAN BE EXTENDED WITH 8 FOOT SPACING BETWEEN SILLS. CONTRACTOR TO COORDINATE WITH DESIGN PROFESSIONAL FOR GRADE TRANSITION FROM TRAIL TO BRIDGE.
2. BRIDGE LENGTH TO BE FIELD MEASURED AND VERIFIED BY CONTRACTOR AND COORDINATED WITH THE DESIGN PROFESSIONAL.
3. ALL STEEL, WOOD SCREW, AND NAILS ARE TO HAVE A GALVANIZED FINISH. BOLTS, WASHERS, AND THREADED RODS ARE TO BE ELECTROPLATED WITH ZINC. SCREWS ARE TO BE DIPPED IN LINSEED OIL BEFORE USE.
4. ALL LUMBER SHALL BE PRESSURE TREATED PINE, GROUND CONTACT RATED.
5. MUDSILLS (SLEEPERS), JOISTS AND BLOCKING MAY BE NO. 2 GRADE LUMBER.
6. DECKING, BUMPER RAILS AND SPACERS SHALL BE NO. 1 STANDARD GRADE LUMBER.
7. DECKING BOARDS (2 X 6) ARE TO BE LAID GRAIN-SIDE DOWN WITH NO MORE THAN 1/2" GAPS. BOARDS ARE TO BE FASTENED TO EACH JOIST WITH TWO GALVANIZED DECK SCREWS.
8. STRINGERS SHOULD BE EITHER 4X6 OR 6X6.
9. 2X4 NAILERS ARE OPTIONAL AND USED TO PREVENT SCREWS FROM CREATING HOLES IN THE STRINGER. FASTEN TO STRINGER WITH CARRIAGE BOLTS FOR FUTURE REPLACEMENT OF NAILERS/DECKING.
8. FOR PLACEMENT ACROSS WET GROUND, MUDSILLS SHALL BE SPACED BETWEEN 6 AND 8 FEET APART WITH JOISTS OVERLAPPED. MAX. HEIGHT FOR SPANS LONGER THAN 12 FEET SHALL BE 16 INCHES.

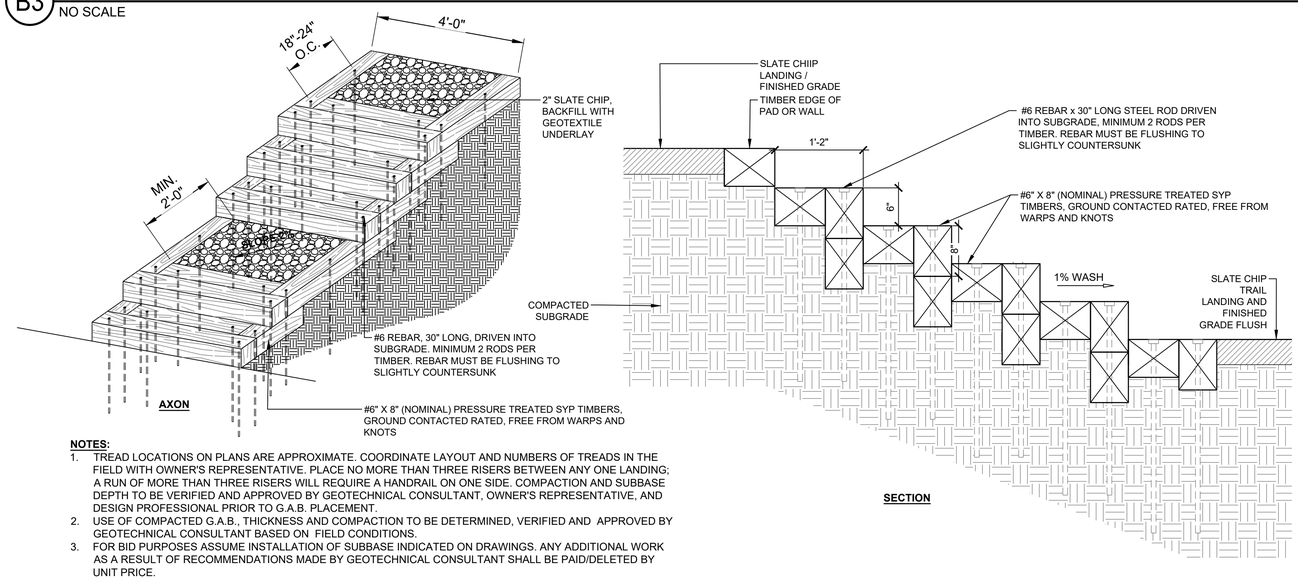
A1 PUNCHEON / FOOT BRIDGE DETAIL

NO SCALE



B3 GRATE INLET

NO SCALE



NOTES:

1. TREAD LOCATIONS ON PLANS ARE APPROXIMATE. COORDINATE LAYOUT AND NUMBERS OF TREADS IN THE FIELD WITH OWNER'S REPRESENTATIVE. PLACE NO MORE THAN THREE RISERS BETWEEN ANY ONE LANDING; A RUN OF MORE THAN THREE RISERS WILL REQUIRE A HANDRAIL ON ONE SIDE. COMPACTION AND SUBBASE DEPTH TO BE VERIFIED AND APPROVED BY GEOTECHNICAL CONSULTANT, OWNER'S REPRESENTATIVE, AND DESIGN PROFESSIONAL PRIOR TO G.A.B. PLACEMENT.
2. USE OF COMPACTED G.A.B., THICKNESS AND COMPACTION TO BE DETERMINED, VERIFIED AND APPROVED BY GEOTECHNICAL CONSULTANT BASED ON FIELD CONDITIONS.
3. 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.

A3 TIMBER STAIRS DETAIL

NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
FILE NAME: C-500.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

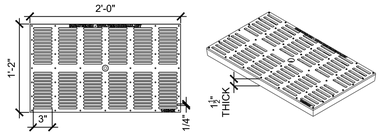
POND
3500 Parkway Lane
Peachtree Corners, GA
Phone 678.336.7140
Fax 678.336.7144
POND PROJECT No. 119060698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
C-504

FILE PATH: X:\FY19\119060698\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON

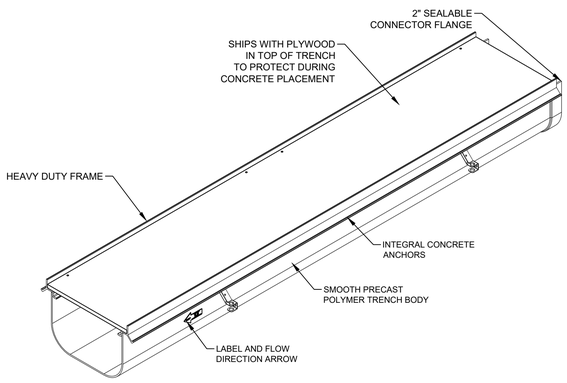


14C24DI
DUCTILE IRON GRATE

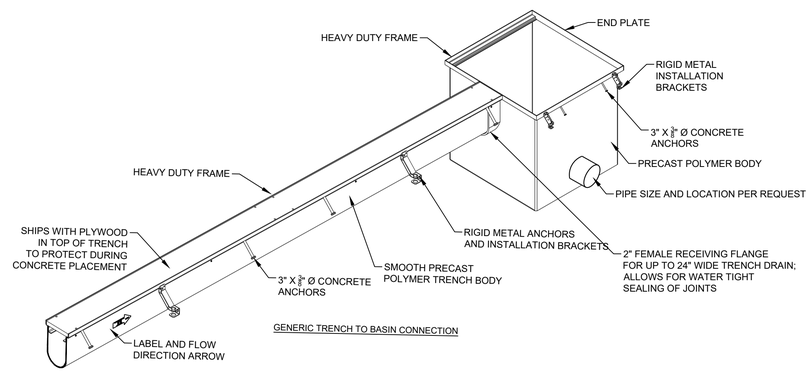
14C24DI
ISOMETRIC VIEW

NOTES:

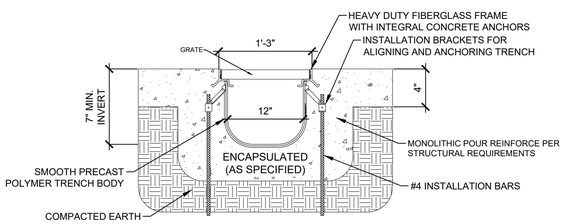
1. GRATE MATERIAL IS CAST DUCTILE IRON GRADE 65-45-12
2. GRATES ARE LOAD CLASS D, EXCEEDS HS-25 LOADING
3. GRATES ARE ADA COMPLIANT AND HEEL PROOF
4. GRATES ARE E-COATED BLACK
5. GRATE OPEN AREA 51.36 IN.^{2}/LF



TYPICAL DTPF12-HDFG15ZIA TRENCH SECTION

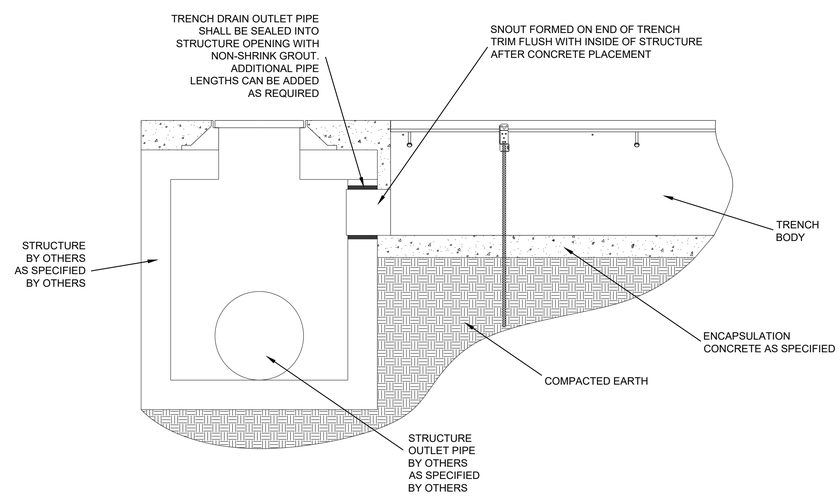


GENERIC TRENCH TO BASIN CONNECTION



NOTES:
1. STANDARD SLOPE IS 0.5% UNLESS OTHERWISE SPECIFIED
2. REINFORCE ACCORDING TO STRUCTURAL REQUIREMENTS
3. TRENCH DRAIN MUST BE 3/8" BELOW FINISHED CONCRETE GRADE

TYPICAL DTPF12-HDFG15ZIA TRENCH SECTION



A1 DURA TRENCH 12" TRENCH DRAIN & GRATE DETAIL

NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C505.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 SUITE 100
Phone 678.338.7740
Fax 678.336.7744

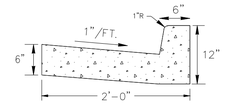
POND PROJECT No. 1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

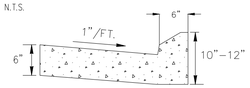
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
C-505

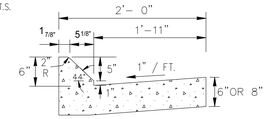
FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON



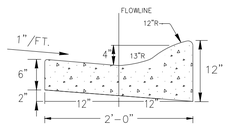
TYPE 1 CONCRETE CURB & GUTTER
INDUSTRIAL ROAD
N.T.S.



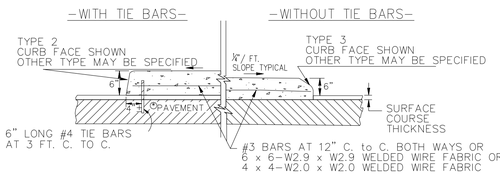
TYPE 2 CONCRETE CURB & GUTTER
MAJOR & MINOR RESIDENTIAL S.D STREETS ONLY
N.T.S.



TYPE 3 MOUNTABLE CURB & GUTTER
N.T.S.



TYPE 4 CONCRETE ROLLED CURB & GUTTER
N.T.S.



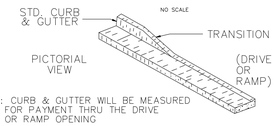
NOTE: IF CONCRETE MEDIAN INTERCEPTS PEDESTRIAN CROSSWALKS, WHEELCHAIR RAMPS (DWG 312) WILL BE REQUIRED.

CONCRETE MEDIANS (ISLAND)
N.T.S.

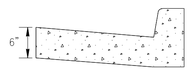
* P. C. PAVEMENT
TIE BARS WILL BE PLACED AFTER FINISHING & BEFORE INITIAL SET HAS TAKE PLACE.

* ASPHALT PAVEMENT
TIE BARS MAY BE DRIVEN IN OR DRILLED & GROUTED.

DETAILS OF RECESSED CURB
TYPICAL USE: AT DRIVEWAYS OR CURB CUT RAMPS
N.T.S.



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

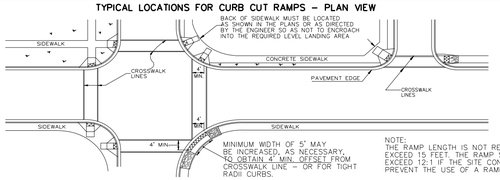


SECTIONAL VIEW

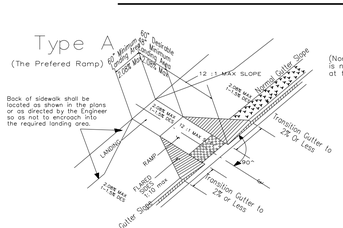
FULTON COUNTY STANDARD DETAIL 307 CURB & GUTTER DETAILS		DATE / REVISIONS 6-08 JJM	DATE / REVISIONS	DGS/DRN/CHKD: KAH APPROVED: LJM DATE: 4-19-05	FULTON COUNTY	FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-730-6325	307

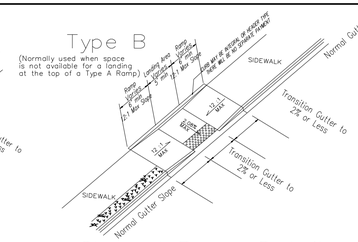
C1 CURB & GUTTER DETAILS
NO SCALE

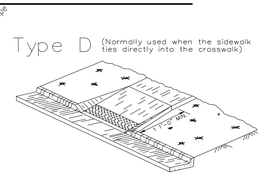
TYPICAL LOCATIONS FOR CURB CUT RAMPS - PLAN VIEW



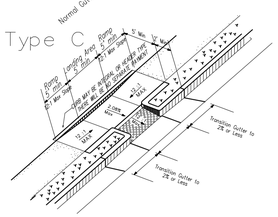
NOTE:
THE RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. THE RAMP SLOPE MAY EXCEED 12:1 IF THE SITE CONDITIONS PREVENT THE USE OF A RAMP 15 FEET LONG.





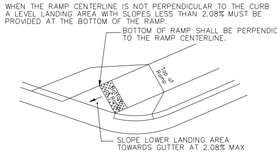


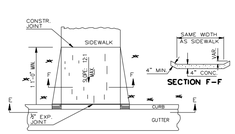
IN AREAS WHERE THE GUTTER HAS A SLOPE 1" IN 1' END NORMAL GUTTER SLOPE AT A DISTANCE OF 6 TO 10 FEET FROM THE RAMP AND BEGIN TRANSITION TO A FLAT GUTTER SLOPE. NORMAL GUTTER SLOPE SHALL BE RESUMED AT A SIMILAR DISTANCE BEYOND THE RAMP.

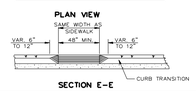


Skewed Ramp Details
(Applies to Type A & Type D Ramps Only)

WHEN THE RAMP CENTERLINE IS NOT PERPENDICULAR TO THE CURB A LEVEL LANDING AREA WITH SLOPES LESS THAN 2.08% MUST BE PROVIDED AT THE BOTTOM OF THE RAMP.







FULTON COUNTY STANDARD DETAIL 312 HANDICAP RAMP DETAILS		DATE / REVISIONS	DATE / REVISIONS	DGS/DRN/CHKD: KAH APPROVED: LJM DATE: 4-19-05	FULTON COUNTY	FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-730-6325	DRAWING NO. 312

A1 HANDICAP RAMP DETAILS
NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PETTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C-500.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA 30092
Phone 678.336.7140
Fax 678.336.7144
POND PROJECT No.11906998

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

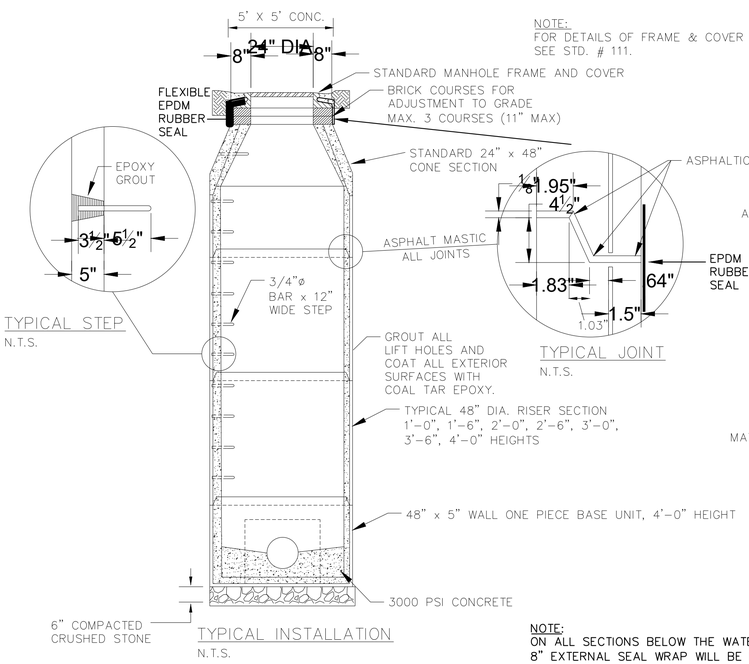
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
C-506

FILE PATH: X:\FY19\11906998\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON

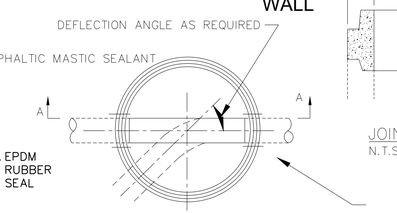
NOTES:
1. ALL HOLES MUST BE PRECAST.
2. MAXIMUM HOLE SIZE = PIPE O.D. + 4"
3. USE CONCENTRIC CONIC SECTIONS IN RIGHT-OF-WAY.
4. OUTFALL MANHOLES MUST HAVE CAST IN PLACE RINGS.
5. SEE STANDARD NO. 112 FOR MANHOLE DEPTH GREATER THAN 20'.

NOTE:
FOR DETAILS OF FRAME & COVER SEE STD. # 111.

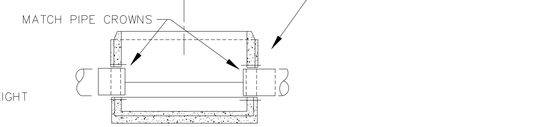


TYPICAL INSTALLATION
N.T.S.

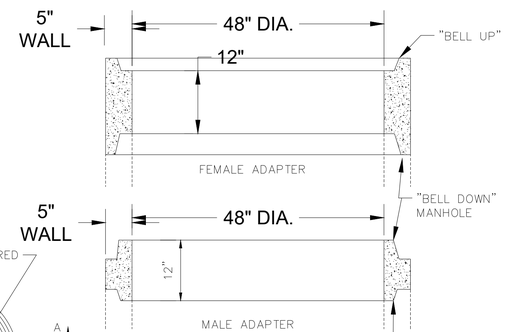
TYPICAL JOINT
N.T.S.



PLAN VIEW
ONE PIECE BASE UNIT
N.T.S.



SECTION "A-A"
THRU ONE PIECE BASE UNIT
N.T.S.



JOIN ADAPTERS (SECTION VIEW)
N.T.S.

NOTE:
ON ALL SECTIONS BELOW THE WATER TABLE 8" EXTERNAL SEAL WRAP WILL BE REQUIRED.

FULTON COUNTY STANDARD DETAIL 113 MANHOLES PRECAST DETAILS		DATE	REVISIONS	DATE	REVISIONS	DGS/DRN/CHKD: REB APPROVED: REW DATE: 12-2-05	FULTON COUNTY FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-224-0498	DRAWING NO.
		1/17	TPM					113

A1 MANHOLES PRECAST DETAILS
NO SCALE

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C-500.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA
Suite 200
Phone 678.336.2740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

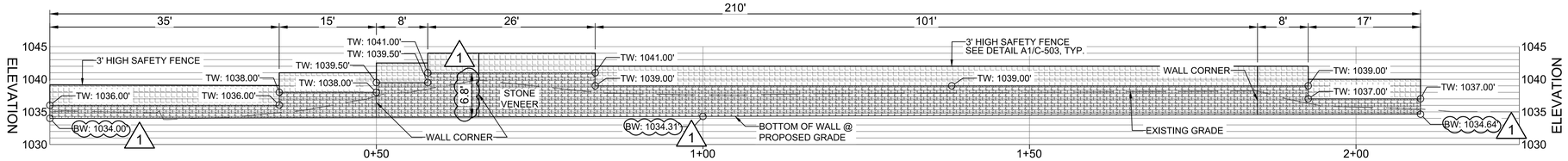
CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
C-507

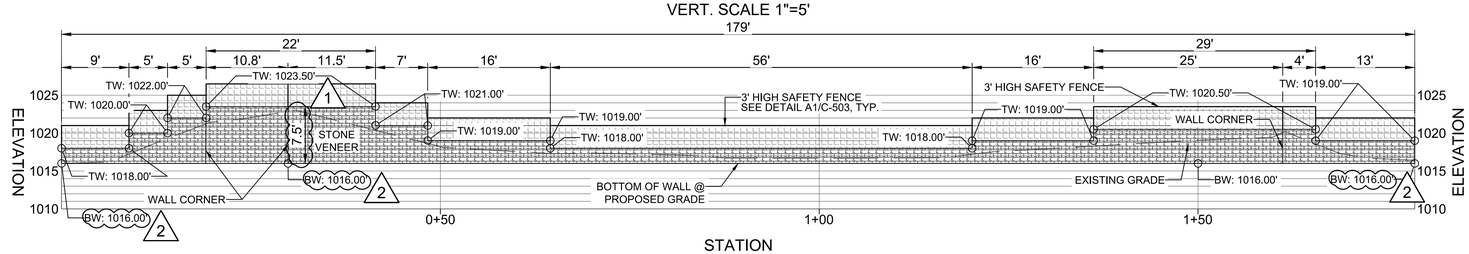
FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON

GENERAL SHEET NOTES

1. WALL HEIGHTS SHOWN ON THIS SHEET REFER TO THE PROPOSED GRADE AT THE RETAINING WALL. THE STRUCTURAL DRAWINGS SHOW WALL HEIGHT TO THE TOP OF FOOTING. THESE TWO MEASUREMENTS ARE NOT THE SAME.



WALL-1 (GYM) PROFILE
HORZ. SCALE 1"=10'
VERT. SCALE 1"=5'



WALL-2 (TENNIS) PROFILE
HORZ. SCALE 1"=10'
VERT. SCALE 1"=5'

A1 RETAINING WALL ELEVATIONS

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	REVISIONS PER CITY	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: C-500.dwg
SCALE: 22" x 34" 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA
30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

CONSTRUCTION DETAILS

SHEET IDENTIFICATION NUMBER
C-508

FILE PATH: X:\FY19\1190698\04 CAD_BIM\04 02 CAD\C-500.DWG PLOTTED BY: LINGLE, PEYTON

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN GENERAL NOTES

(IN CONFORMANCE WITH THE STATE OF GEORGIA NPDES PERMIT GA NO. GAR 1000001) COMMON DEVELOPMENT CONSTRUCTION PROJECTS

DEVELOPER/ PRIMARY PERMITEE: CITY OF SANDY SPRINGS
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328
770-235-3557
MPERRY@SANDYSPRINGSGA.GOV (1)

ENGINEER: POND & COMPANY
3500 PARKWAY LANE, SUITE 500
PEACHTREE CORNER, GEORGIA 30092
PHONE: (678) 336-7740
FAX: (678) 336-7744
CONTACT: PEYTON IRL LINGLE, PE
GA. P.E. # 041517 , E&S LEVEL II CERTIFICATION # 0000077048

CONTRACTOR: TO BE SELECTED
24-HOUR EROSION AND SEDIMENT CONTROL CONTACT:
PEYTON IRL LINGLE, PE - SUBJECT TO CHANGE FOLLOWING CONTRACTOR SELECTION

TOTAL SITE AREA: 13.28 ACRES

DISTURBED AREA: 1.69 ACRES

EXISTING LAND USE: THE EXISTING SITE IS A CITY PARK WITH PARKING LOTS AND AMENITIES.

PROPOSED LAND USE: ADD ADDITIONAL WALKABLE PATHWAYS, WATER-QUALITY FEATURES, AND IMPROVE EXISTING STORMWATER DRAINAGE SYSTEM.

GPS COORDINATES OF CONCRETE WASH AREA: N 1425179.05, W 2237633.26

NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY OF NANCY CREEK

NO WETLANDS ON-SITE.

PRE-CONSTRUCTION CURVE NUMBER = 81 (WEST), 88 (EAST)
POST-CONSTRUCTION CURVE NUMBER = 81 (WEST), 88 (EAST)

DESIGN PROFESSIONAL CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001. (1)

Peyton R. Lingle, IV (2)

PEYTON IRL LINGLE, P.E.
GSWCC LEVEL II CERTIFICATION # 0000077048
EXPIRES: 04/29/2022

06-25-2019
DATE

SOIL CLEANUP AND CONTROL PRACTICES

1. LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
2. MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREAS, TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
3. SPILL PREVENTION PRACTICES AND PROCEDURES SHALL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
4. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS SHALL BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS.
5. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NCR) SHALL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
6. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) SHALL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
7. FOR SPILLS GREATER THAN 25 GALLONS AND IF NO SURFACE WATER IMPACTS OCCUR, THE GEORGIA E.P.D. SHALL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
8. FOR SPILLS LESS THAN 25 GALLONS AND IF NO SURFACE WATER IMPACTS OCCUR, THE SPILL SHALL BE CLEANED UP AND LOCAL AGENCIES SHALL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

CITY OF SANDY SPRINGS EROSION CONTROL NOTES:

1. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO OR EXIT FROM THE SITE.
2. THE CONSTRUCTION EXISTS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ON TO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMANDS, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED.
3. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR WITHIN THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
4. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
5. OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
6. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
7. THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UP STREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
8. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO CITY OF SANDY SPRINGS STANDARDS.
9. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
10. ALL SEWER EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION.
11. STATE WATERS ARE NOT ONSITE OR WITHIN 200-FEET OF THE SITE.
12. GSWCC EROSION AND SEDIMENT CONTROL PLAN REVIEW CHECKLIST WILL BE SUBMITTED WITH STORMWATER HYDROLOGY REPORT.
13. THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION. (1)
14. NON-EXEMPT ACTIVITES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
15. AMMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
16. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
17. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
18. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
19. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULTH OR TEMPORARY SEEDING.
20. STEP POOLS, SWALES, LEVEL SPREADERS, THE ADDITION OF PIPES, AND THE REPAIR OF EXISTING PIPES WILL ENSURE THAT POLLUTANTS IN STORMWATER WILL BE CONTROLLED AFTER CONSTRUCTION IS COMPLETE.

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Fulton County, Georgia
Survey Area Data: Version 14, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 13, 2019—Apr 22, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ub	Urban land	2.9	31.6%
UfC2	Urban land-Cecil complex, 2 to 10 percent slopes, moderately eroded	6.3	68.4%
Totals for Area of Interest		9.2	100.0%

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DATE: 04/03/2020
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: PIL
CONTRACT NO.:
FILE NAME: 2020-01.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/04/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Office: 678.336.7740
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES

SHEET IDENTIFICATION NUMBER
CE001

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE001.DWG PLOTTED BY: LINGLE, PEYTON

GEORGIA SOIL & WATER CONSERVATION COMMISSION (GSWCC) CHECKLIST

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS
SWCD: FULTON COUNTY

Project Name: HAMMOND PARK **Address:** 6005 GLENRIDGE DRIVE
City/County: SANDY SPRINGS / FULTON CO. **Date on Plans:** 04-27-2020
Name & email of person filling out checklist: PEYTON LINGLE, linglep@pondco.com
Plan Included: HOWN ON ES&PC PLAN

Plan Page #	Included Y/N	
CE002	Y	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
ALL	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)
CE001	Y	3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist. * (A copy of the written approval by EPD must be attached to the plan for the Plan to be reviewed.)
CE001	Y	4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
CE001	Y	5 Provide the name, address, **email address**, and phone number of primary permittee.
CE001	Y	6 Note total and disturbed acreage of the project or phase under construction.
CE001	Y	7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
ALL	Y	8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
CE001	Y	9 Description of the nature of construction activity.
CE003	Y	10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
CE001	Y	11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
CE001	Y	12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 19** of the permit.
CE001	Y	13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 19** of the permit. *
CE001	Y	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with **Part IV.A.5 page 25** of the permit. *
CE001	Y	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
CE001	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
CE001	Y	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
CE001	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *
CE001	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
CE001	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
CE001	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
CE003	Y	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *
CE003	Y	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *
CE101	Y	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *
CE001	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
CE004	Y	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *
CE004	Y	27 Description of practices to provide cover for building materials and building products on site. *
CE004	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *
CE003	Y	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
CE004	Y	30 Provide complete requirements of inspections and record keeping by the primary permittee. *
CE004	Y	31 Provide complete requirements of sampling frequency and reporting of sampling results. *
CE004	Y	32 Provide complete details for retention of records as per Part IV.F. of the permit. *
CE004	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *
CE003	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *
CE101	Y	35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. *
CE101 CE201 CE301	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *
ALL	Y	37 Graphic scale and North arrow.
ALL	Y	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Map Scale	Ground Slope	Contour Intervals, ft
1 inch = 100ft or larger scale	Flat 0 - 2%	0.5 or 1
	Rolling 2 - 8%	1 or 2
	Steep 8% +	2,5 or 10

N/A	N	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org.
N/A	N	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
N/A	N	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
N/A	N	42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.
CE010	Y	43 Delineation and acreage of contributing drainage basins on the project site.
CE010	Y	44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *
CE010	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
N/A	Y	46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
CE001	Y	47 Soil series for the project site and their delineation.
CE101	Y	48 The limits of disturbance for each phase of construction.
CE101 CE201	N	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
ALL	Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
CE501	Y	51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
LP106	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.

* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.

Effective January 1, 2020

APPENDIX 1

THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

The four items chosen must be appropriate for the site conditions.

Plan Page #	Included Y/N	
N/A	NO	a. During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
N/A	NO	b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
N/A	NO	c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
CE101	YES	d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
N/A	YES	e. Use flocculants or coagulants and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Section III. D.1. of the NPDES Permit.
N/A	NO	f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Section IV.D.6.d. of the NPDES Permits.
N/A	NO	g. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
N/A	NO	h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
N/A	NO	i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
N/A	NO	j. Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan. (https://epd.georgia.gov/erosion-and-sedimentation)
N/A	NO	k. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
N/A	NO	l. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
CE201	YES	m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event.
N/A	NO	n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
N/A	NO	o. Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
N/A	NO	p. Conduct soil tests to identify and to implement site-specific fertilizer needs.
N/A	YES	q. Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c); secondary permittees, Section IV.D.4.b.(3)(a) – (c); and tertiary permittees Section IV.D.4.c.(3)(a) – (c) *
N/A	NO	r. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
N/A	NO	s. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
N/A	NO	t. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the Plan.
N/A	NO	u. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Section IV.A.5 of the permit. The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.
N/A	NO	v. Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual known as the Blue Book or an equivalent or more stringent design manual.

Effective January 1, 2019

* This requirement is different for infrastructure projects:
Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c) of the permit.

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	ENTIRE SHEET ADDED PER COMMENTS	04-27-2020	

DESIGNED BY: PIL | DATE: 04/03/2020
DWN BY: MA | CKD BY: ML | SOLICITATION NO.:
SUBMITTED BY: PIL | CONTRACT NO.:
FILE NAME: 0001.dwg | FILE NUMBER:
SIZE: 22" x 34" | PLOT SCALE: 1:1 | PLOT DATE: 08/24/2020

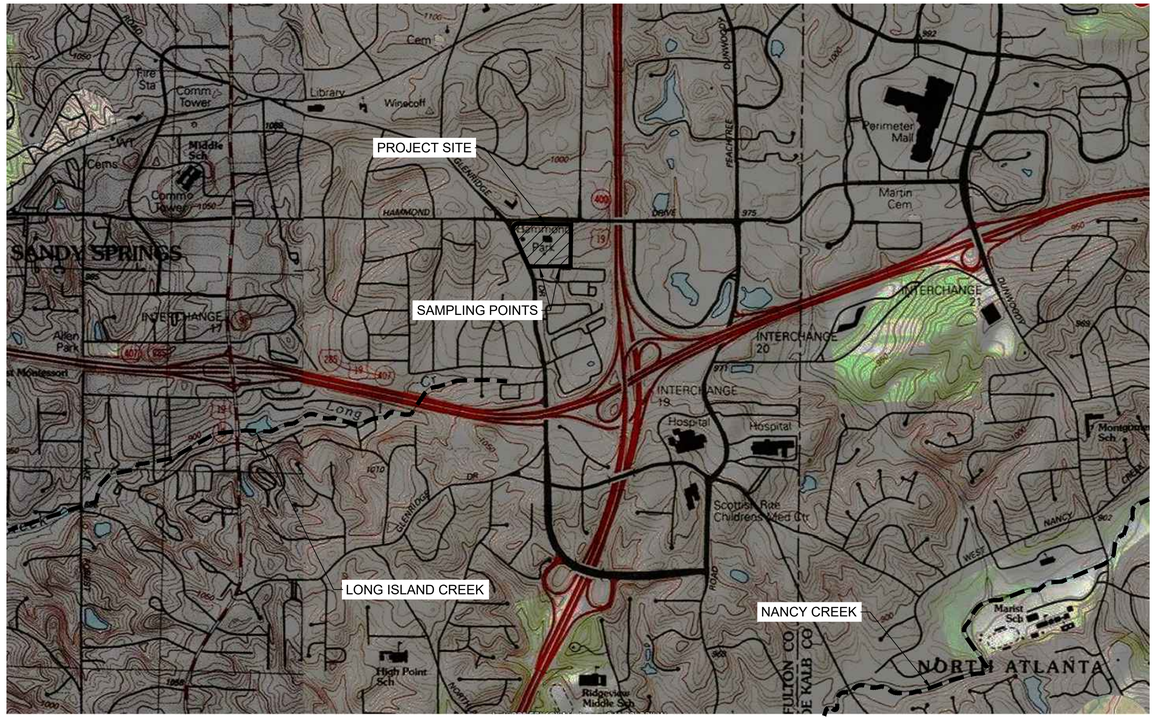
CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS
EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES

SHEET IDENTIFICATION NUMBER
CE002

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE001.DWG PLOTTED BY: LINGLE, PEYTON



USGS TOPOGRAPHIC MAP

1: 18,000

INSPECTION:

CONSTRUCTION SITE INSPECTIONS ARE TO BE CONDUCTED ON A ROUTINE BASIS AND MUST INCLUDE ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY, INCLUDING PERIMETER BMPs AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION. EACH INSPECTION MUST LOOK FOR THE EVIDENCE OF, OR THE POTENTIAL FOR, INEFFICIENCIES, WHETHER THE INEFFICIENCIES ARE A DIRECT RESULT OF IMPROPER DESIGN, INSTALLATION OR MAINTENANCE, BY INSPECTING, AT A MINIMUM, THE FOLLOWING: 1.) ALL AREAS OF THE SITE DISTURBED BY CONSTRUCTION ACTIVITY AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION. 2.) ALL STORMWATER CONVEYANCE SYSTEMS FOR ANY EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THESE SYSTEMS 3.) ALL DISCHARGE LOCATIONS TO ASCERTAIN WHETHER THE IMPLEMENTED BMPs ARE EFFECTIVE IN PREVENTING THE DISCHARGE OF SEDIMENT FROM THE SITE. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS MUST BE INSPECTED TO THE EXTENT THAT SUCH INSPECTIONS ARE PRACTICABLE. 4.) LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE MUST BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

IF INSPECTION RESPONSIBILITIES ARE NOT SHARED BETWEEN THE PRIMARY AND SECONDARY PERMITTEES, EACH SECONDARY PERMITTEE MUST PROVIDE THEIR OWN INSPECTION FOR THE PORTIONS OF THE SITE FOR WHICH THEIR COVERAGE INCLUDES.

AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. AN INSPECTION IS RECOMMENDED WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.

MAINTENANCE:

MAINTENANCE REQUIREMENT SHALL BE THAT ALL BMPs ARE INSTALLED AND MAINTAINED TO OPERATE EFFICIENTLY THROUGHOUT THE ENTIRE PROCESS OF CONSTRUCTION.

RECORDS:

ANY LOGS NECESSARY TO TRACK THE PROGRESS, COMPLIANCE, MODIFICATIONS AND THOSE ASSOCIATED WITH THE CONSTRUCTION SITE. THESE LOGS MAY INCLUDE, BUT ARE NOT LIMITED TO, A PRE-CONSTRUCTION CONFERENCE LOG, AN INSPECTION LOG, A STABILIZATION LOG, A RAIN LOG, A CONTRACTOR LOG AND/OR ANY ADDITIONAL RECORD KEEPING AS DEEMED NECESSARY BY THE PERMITTEE OR CONTRACTOR.

TABLE 1.0 - POTENTIAL SOURCES OF POLLUTION

SOURCES	MATERIAL OR CHEMICAL	LOCATION*	APPROPRIATE CONTROL MEASURES
LOOSE SOIL EXPOSED OR DISTURBED DURING CLEARING, GRUBBING AND GRADING ACTIVITIES	SEDMINET	ALL AREAS WITHIN THE LIMITS OF DISTURBANCE	AS DIRECT BY THE CONSTRUCTION PLANS. THIS INCLUDES SILT FENCE, SEDIMENT BASINS, AND SEDIMENT TRAPS.
AREAS WHERE CONSTRUCTION EQUIPMENT ARE CLEANED, A.K.A. CONCRETE WASHOUT	HEAVY METALS & pH	LOCATED ADJACENT TO CONSTRUCTION ENTRANCE	CONCRETE WASHOUT BASIN
WATER ENCOUNTERED DURING TRENCHING	NUTRIENTS & SEDIMENT	IN AND AROUND ANY TRENCHING ACTIVITIES	DIRECT WATER INTO IMPOUNDMENTS SUCH AS BASINS OR TRAPS TO ALLOW FOR THE SEDIMENTATION OF THE LISTED POLLUTANTS
PAVING OPERATIONS	SEDIMENT & TRASH	ALL AREAS TO BE PAVED	INLET PROTECTION
MATERIAL DELIVERY AND STORAGE AREAS	NUTRIENTS, pH, SEDIMENT, HEAVY METALS, OILS & GREASE	ALL AREAS USED AS STORAGE AREAS	PROTECT AND COVER ALL DELIVERED MATERIALS FROM THE ENVIORNMENT WITH BURLAP. SURROUND WITH SILT FENCE AND/OR SEDIMENT DIKES
EQUIPMENT FUELING AND MAINTENANCE AREAS	METALS, HYDROCARBONS, OILS AND GREASES	AREAS SURROUNDING FUEL TANKS	PROVIDE SECONDARY CONTAINMENTS, LOCATE IN UPLAND AREAS. REPAIR LEAKING AND BROKEN HOSES.
PAINTS	METAL OXIDES, STODDARD SOLVENT, TALC, CALCIUM-CARBONATE, ARSENIC	THROUGHOUT SITE, PRIMARILY IN AREAS OF BUILDING CONSTRUCTION	WASHWATER SHOULD BE CONTAINED AND IS PROHIBITED FROM BEING DISCHARGED.

1

NTU VALUE PER #34, ESPC PLAN CHECKLIST FOR STAND ALONE CONSTRUCTION PROJECTS; SEE A2/CE002

ACTIVITY SCHEDULE:

ACTIVITY	TIME / MONTHS 1-2	3-4	5-6	7-8	9-10
INSTALL TREE PROTECTION, PERIMETER CONTROL, CONSTRUCTION EXIT, AND INLET PROTECTION					
SITE DEMOLITION					
SITE GRADING AND STORM DRAINAGE INSTALLATION					
MAINTAIN OF EROSION AND SEDIMENT CONTROL MEASURES					
FINAL PAVING					
REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES					
PERMANENT SEEDING UNTIL DISTURBED AREA IS STABILIZED					

*SCHEDULE FOR PERMITTING PURPOSES ONLY. REFER TO OFFICIAL PROJECT SCHEDULE (AS PROVIDED BY CONTRACTOR AND APPROVED BY OWNER) FOR OFFICIAL DATES AND DURATIONS.

2

RECORD OF DATES - CONSTRUCTION ACTIVITIES

(NOTE TO PERMITTEE(S): COMPLETE THE FOLLOWING TABLE TO INCLUDE THE DATES WHEN INITIAL CONSTRUCTION ACTIVITIES COMMENCE, MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED. THE DESIGN PROFESSIONAL WHO PREPARED THIS PLAN SHALL BE NOTIFIED WHEN THIS TABLE IS AMENDED.)

DATE	

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISED PER CITY COMMENTS	05-13-2020	
1	ENTIRE SHEET ADDED PER COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: PIL
DATE: 04/03/2020
SOLICITATION NO.:
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FILE NAME: CE001.dwg
SIZE: 22" x 34"
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CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA
30092 Suite 100
Phone 678.336.7740
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POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES

SHEET IDENTIFICATION NUMBER
CE003

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE001.DWG PLOTTED BY: LINGLE, PEYTON

MONITORING NARRATIVE

ONE OUTFALL SAMPLING POINT ARE REQUIRED FOR THE PROJECT. THE SAMPLING POINTS ARE LOCATED ON THE SAMPLING PLAN ON SHEET CE003.

AN SS101 STORMWATER SAMPLER BY GLOBAL WATER (OR EQUIVALENT) WILL BE USED TO COLLECT AND HANDLE THE STORM WATER DISCHARGE SAMPLES PRIOR TO ANALYSIS. PART OF THIS SAMPLING PLAN INCLUDES THE SS101 STORMWATER SAMPLER USER'S MANUAL BY GLOBAL WATER (OR EQUIVALENT).

THE STORM WATER SAMPLES WILL BE ANALYZED USING THE LAMOTTE 2020 TURBIDIMETER (OR EQUIVALENT). PART OF THIS SAMPLING PLAN INCLUDES THE INSTRUCTION MANUAL FOR THE LAMOTTE 2020 TURBIDIMETER BY LAMOTTE COMPANY (OR EQUIVALENT).

THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR STAND ALONE CONSTRUCTION PROJECTS (GENERAL PERMIT NO. GAR100001)

PART III. SPECIAL CONDITIONS, MANAGEMENT PRACTICES, PERMIT VIOLATIONS AND OTHER LIMITATIONS

A. MANAGEMENT PRACTICES AND PERMIT VIOLATIONS.

(3). A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH DISCHARGE RESULTS IN THE TURBIDITY OF RECEIVING WATER(S) BEING INCREASED BY MORE THAN TEN (10) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS CLASSIFIED AS TROUT STREAMS OR MORE THAN TWENTY-FIVE (25) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS SUPPORTING WARM WATER FISHERIES, REGARDLESS OF A PERMITTEE'S CERTIFICATION UNDER PART II.B.1.I. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED.

(4). WHEN THE PERMITTEE HAS ELECTED TO MONITOR OUTFALL(S), THE DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING THE VALUE SELECTED FROM APPENDIX B APPLICABLE TO THE CONSTRUCTION SITE. AS SET FORTH THEREIN, THE NEPHELOMETRIC TURBIDITY UNIT (NTU) VALUE SHALL BE SELECTED FROM APPENDIX B BASED UPON THE SIZE OF THE CONSTRUCTION SITE, THE SURFACE WATER DRAINAGE AREA AND WHETHER THE RECEIVING WATER(S) SUPPORTS WARM WATER FISHERIES OR IS A TROUT STREAM AS INDICATED IN THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL, CHAPTER 391-3-6 AT WWW.GAEPD.ORG.

PART IV.D.6. SAMPLING REQUIREMENTS

THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

B. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

(1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

(3). LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

C. SAMPLING POINTS.

(1). FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

(A). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY

(I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL

UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.

(B). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE

DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL

DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.

(C). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S).

(D). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.

(E). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

(F). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

(G). PERMITTEES DO NOT HAVE TO SAMPLE SHEETFLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIP RAP, GABIONS, PERMANENT MULCHES OR GEOTEXTILES) HAVE BEEN USED. PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL VINES; A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION; OR A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION. FINAL STABILIZATION APPLIES TO EACH PHASE OF CONSTRUCTION.

(H). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.D.3. OR III.D.4.., WHICHEVER IS APPLICABLE.

D. SAMPLING FREQUENCY.

(1). THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.

(2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.

(3). SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

(A). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT ALLOWS FOR SAMPLING DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

(B). IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;

(C). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPS ARE FOUND TO BE PROPERLY DESIGNED, INSTALLED AND MAINTAINED, NO FURTHER ACTION IS REQUIRED. IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;

(D). WHERE SAMPLING PURSUANT TO (A), (B), OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PRIMARY PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), OR THE TERTIARY PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.C.(6)., MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATION UNDER (A), (B), OR (C) ABOVE; AND

(E). EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (E). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS

REQUIRED BY (C) ABOVE.

SUBSEQUENT TO THE INITIAL SAMPLING REQUIRED ABOVE, THE SITE CONTRACTOR SHALL BE REQUIRED TO CONTINUE TO TAKE STORMWATER SAMPLES AS NECESSARY AT THE INDICATED OUTFALL LOCATION.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING AT ANY TIME OF THE DAY OR WEEK.

PART IV.E. REPORTING

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

A. THE RAINFALL AMOUNT, DATE. EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
B. THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
C. THE DATE(S) ANALYSES WERE PERFORMED;
D. THE TIME(S) ANALYSES WERE INITIATED;
E. THE NAME(S) OF THE CERTIFIED INDIVIDUAL(S) WHO PERFORMED THE ANALYSES;
F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED; AND
G. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS.
H. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU."
I. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE APPLICABLE PERMITTEES SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

PART IV.F RETENTION OF RECORDS

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:

A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
D. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND
G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(1)(C) OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

COVERING OF MATERIALS:

FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH,

LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE, PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO STORMWATER, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THESE AREAS. MINIMIZATION OF EXPOSURE IS NOT REQUIRED IN CASES WHERE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, OR WHERE EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSES LITTLE RISK TO STORMWATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	ENTIRE SHEET ADDED PER COMMENTS	05-13-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: PIL
FILE NAME: CE001.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 8/24/2020

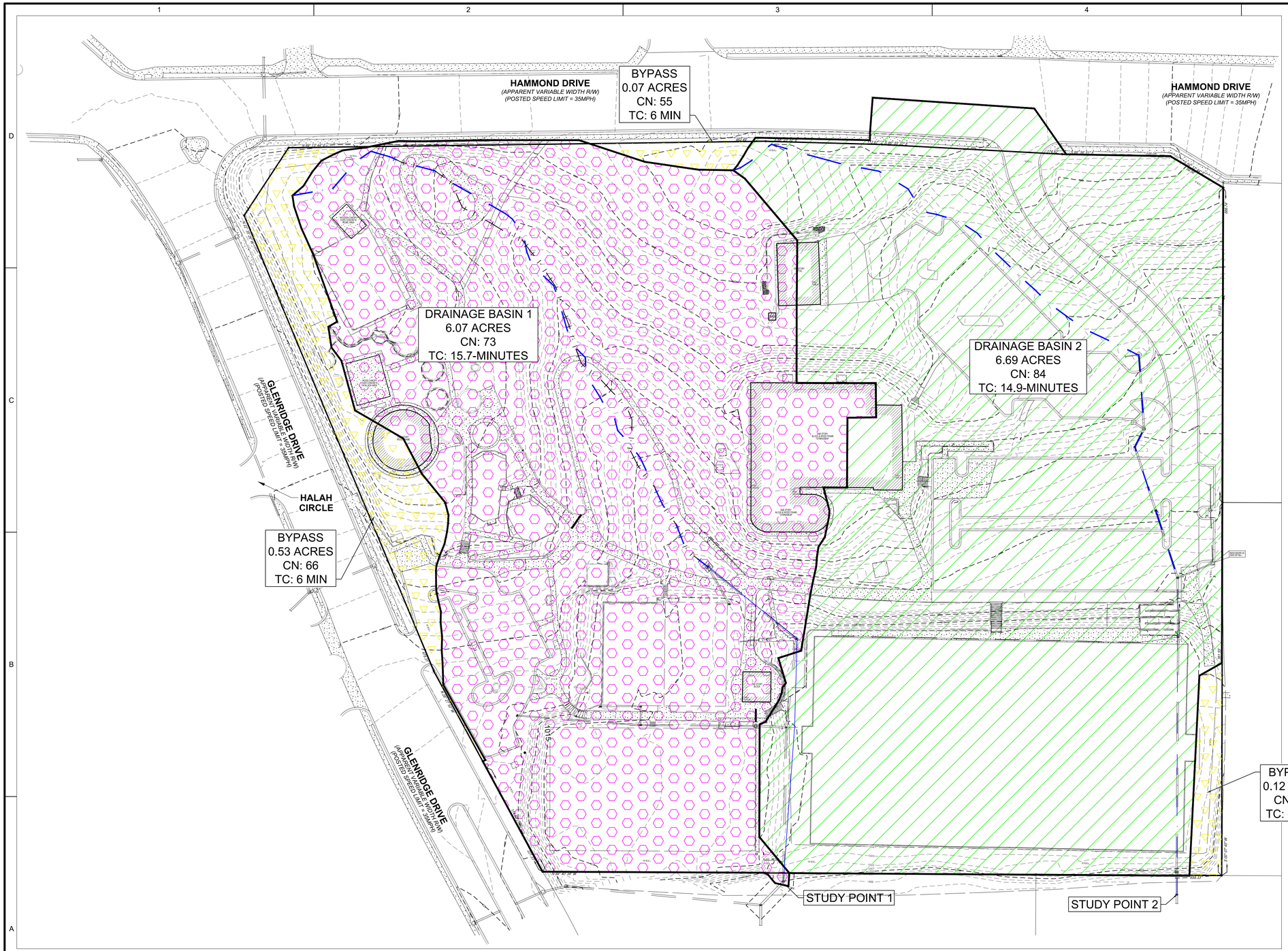
CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA
30092 USA
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS
EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ES & PC) NOTES

SHEET IDENTIFICATION NUMBER
CE004

FILE PATH: X:\FY19\11906698\04.CAD_BIM\04.02.CAD\CE001.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

1. REFER TO SHEET CE001 FOR GENERAL CIVIL NOTES, LEGEND, AND ABBREVIATIONS.
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.

A1 ES & PC PLAN - EXISITNG CONDITIONS DRAINAGE BASIN MAP

SCALE: 1" = 50'

0 25' 50' 100' 150'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	ENTIRE SHEET ADDED PER COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: PIL
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE010.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

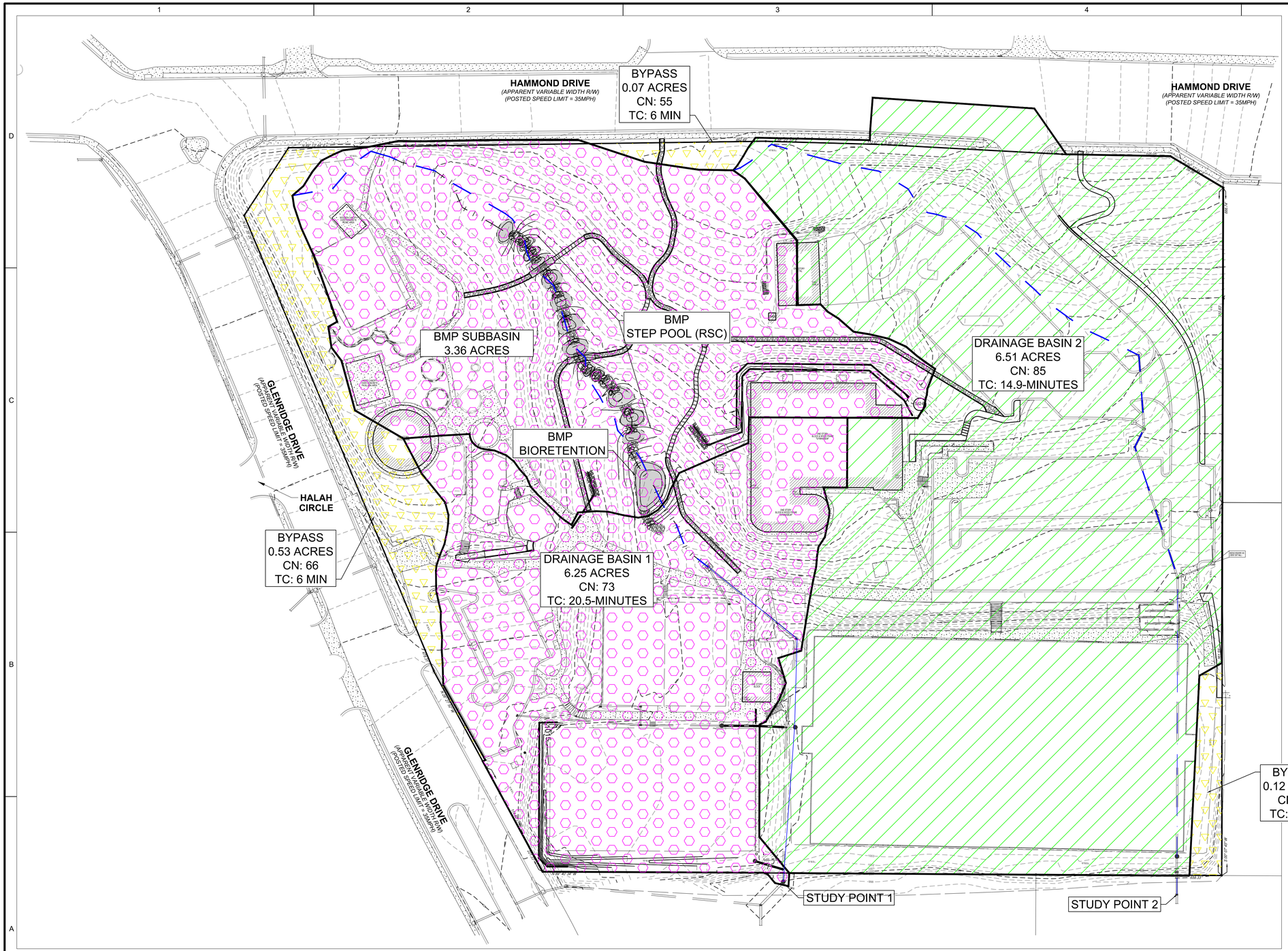
POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - EXISITNG
CONDITIONS DRAINAGE BASIN MAP

SHEET IDENTIFICATION NUMBER
CE010

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE010.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

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A1 ES & PC PLAN - POST-DEVELOPMENT DRAINAGE BASIN MAP

SCALE: 1" = 50'

0 25' 50' 100' 150'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	ENTIRE SHEET ADDED PER COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: PIL
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE010.DWG
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744

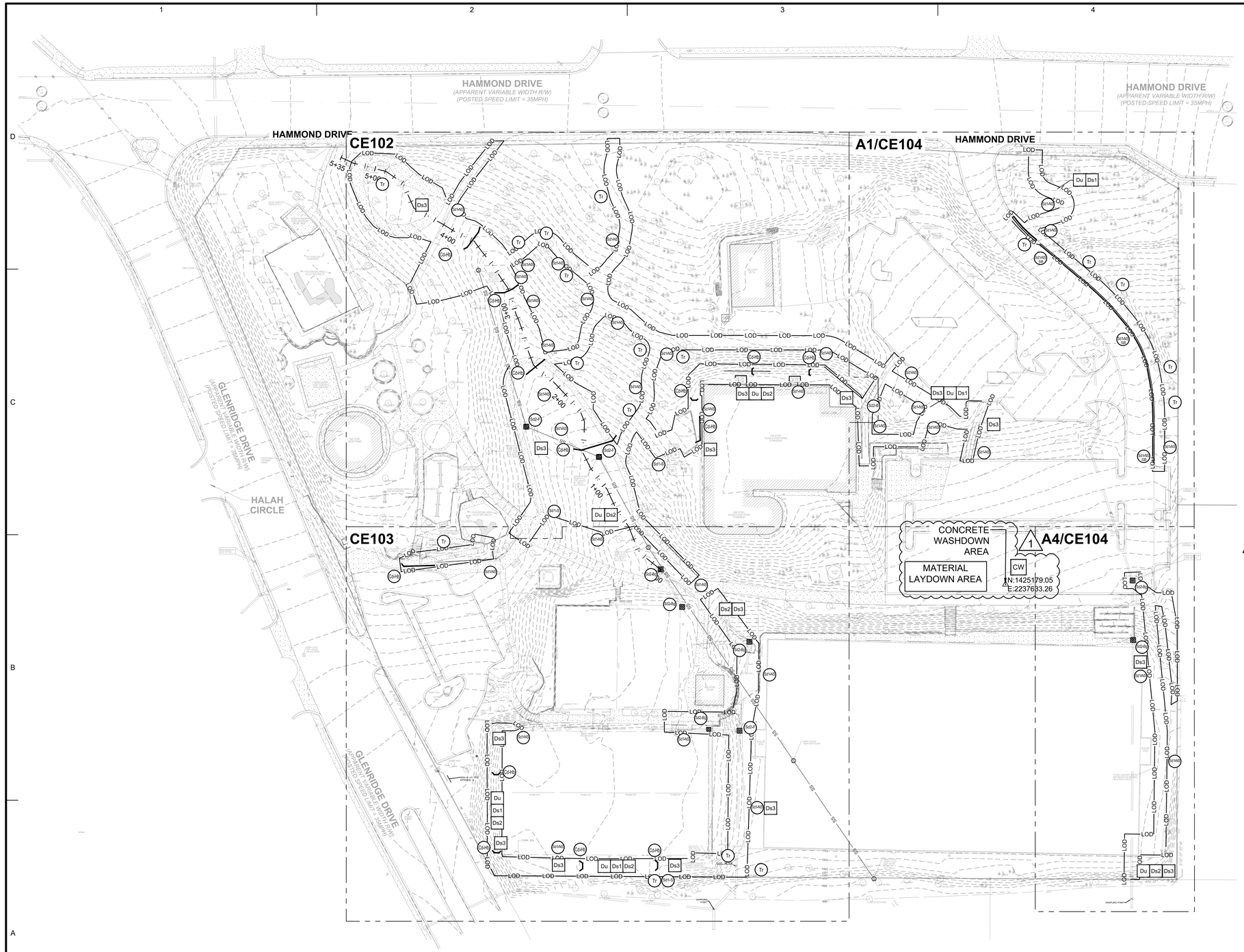
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - POST-DEVELOPMENT
DRAINAGE BASIN MAP

SHEET IDENTIFICATION NUMBER
CE011

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE010.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

1. REFER TO SHEET CE001 FOR GENERAL CIVIL NOTES, LEGEND, AND ABBREVIATIONS.
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. THERE ARE NO KNOWN WETLANDS LOCATED ONSITE.
4. NO KNOWN STATE WATERS EXIST ONSITE.
5. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
7. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
8. ANY DISTURBED AREA LEFT IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH PERMANENT SEEDING.
9. ANY EXISTING GRASSED AREAS DISTURBED NEED TO BE REPAIRED TO MATCH EXISTING.
10. REFERENCE LA PLANS FOR TREE PROTECTION FENCE.

INITIAL EROSION CONTROL NARRATIVE

DURING THE INITIAL PHASE, TREE PROTECTION FENCE (Tr) AND SILT FENCE (Sd1-S AND Sd1-NS) WILL BE INSTALLED PRIOR TO GRADING OPERATIONS TO KEEP SEDIMENT CONTAINED WITHIN THE SITE AS NECESSARY. DISTURBED AREA STABILIZATION SHALL BE STABILIZED WITH MULCH (Ds1), AND DUST CONTROL (Du) WILL BE UTILIZED DURING THIS PHASE. PHASE 1 DISTURBANCE SHALL BE LIMITED TO AREAS NECESSARY TO INSTALL PERIMETER CONTROLS. SIDEWALK AND TRAIL DISTURBANCE IS MINIMAL AND NO SIGNIFICANT GRADING IS ANTICIPATED. THEREFORE, SEDIMENT STORAGE WILL CREATE A WORSE CONDITION. 2

SHEET LEGEND

—— SF ——	SILT FENCE
—LOD—LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT - C4/CE501

A1 ES & PC PLAN - INITIAL
SCALE: 1" = 50'

0 25' 50' 100' 150'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DATE: 04/03/2020
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: CE100.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

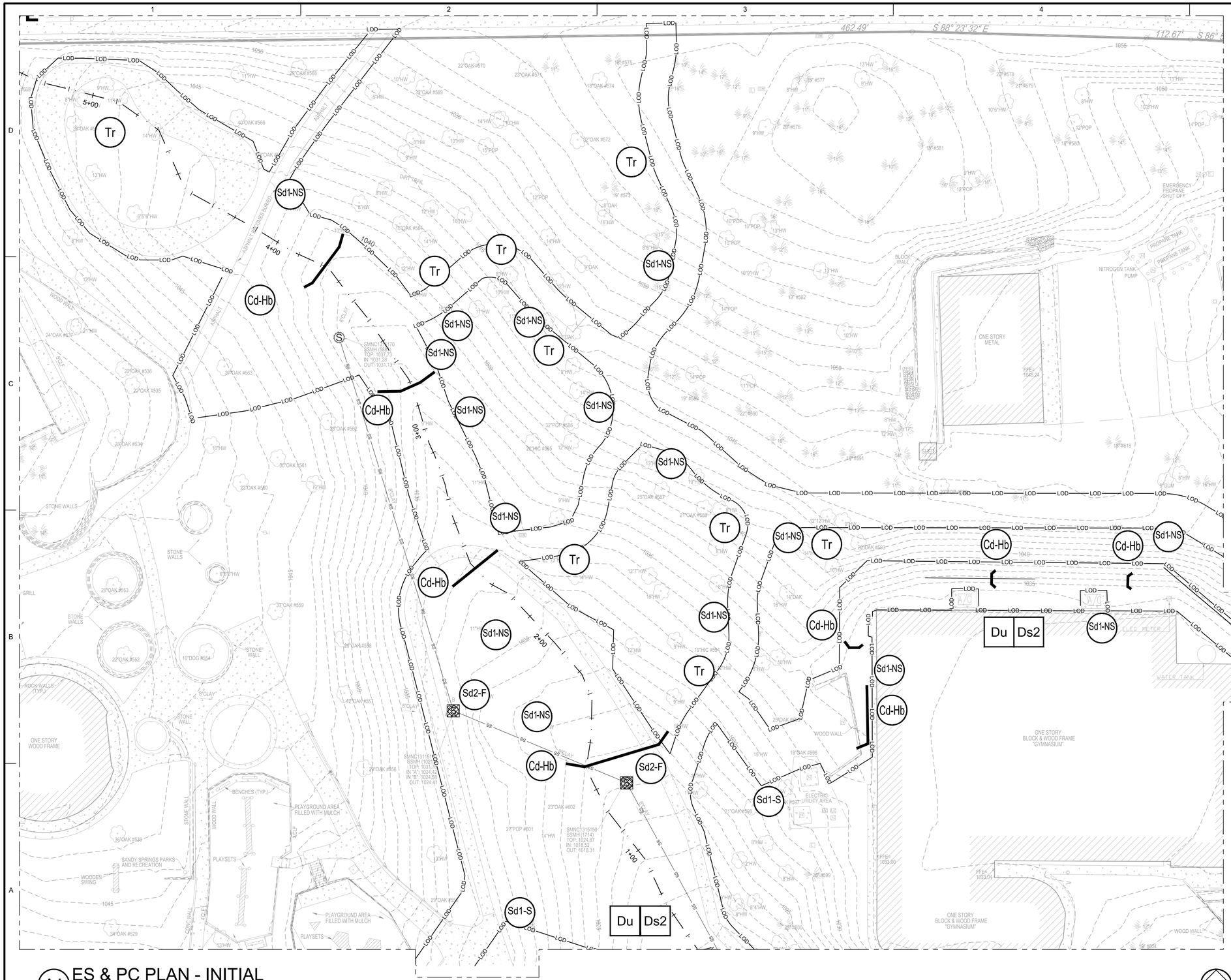
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 USA
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11900698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INITIAL

SHEET IDENTIFICATION NUMBER
CE101

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE100.DWG PLOTTED BY: LINGLE, PEYTON



SHEET LEGEND

—— SF ——	SILT FENCE
—LOD—LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT - C4/CE501

A1 ES & PC PLAN - INITIAL

SCALE: 1" = 50'

0 25' 50' 100' 150'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 100, Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906998

DESIGNED BY: PIL		DATE: 04/03/2020	
DWN BY: MA	CKD BY: MIL	SOLICITATION NO.:	
SUBMITTED BY: MAW		CONTRACT NO.:	
FILE NAME: CE100.dwg		FILE NUMBER:	
SIZE: 22" x 34"	PLOT SCALE: 1:1	PLOT DATE: 08/24/2020	

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INITIAL

SHEET IDENTIFICATION NUMBER

CE102

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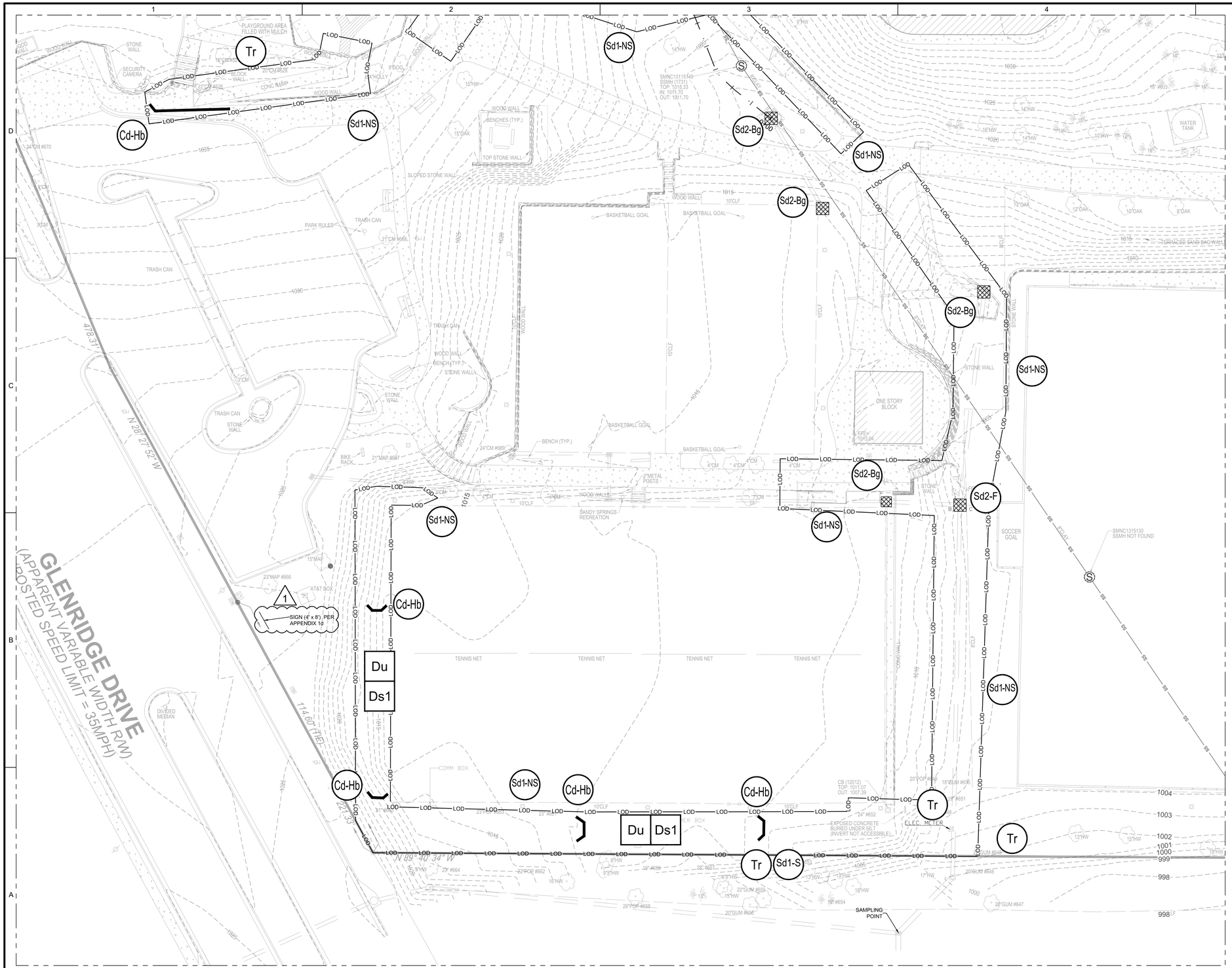


SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT - C4/CE501

A1 ES & PC PLAN - INITIAL
SCALE: 1" = 20'

0 10' 20' 40' 60'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA 30092, SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

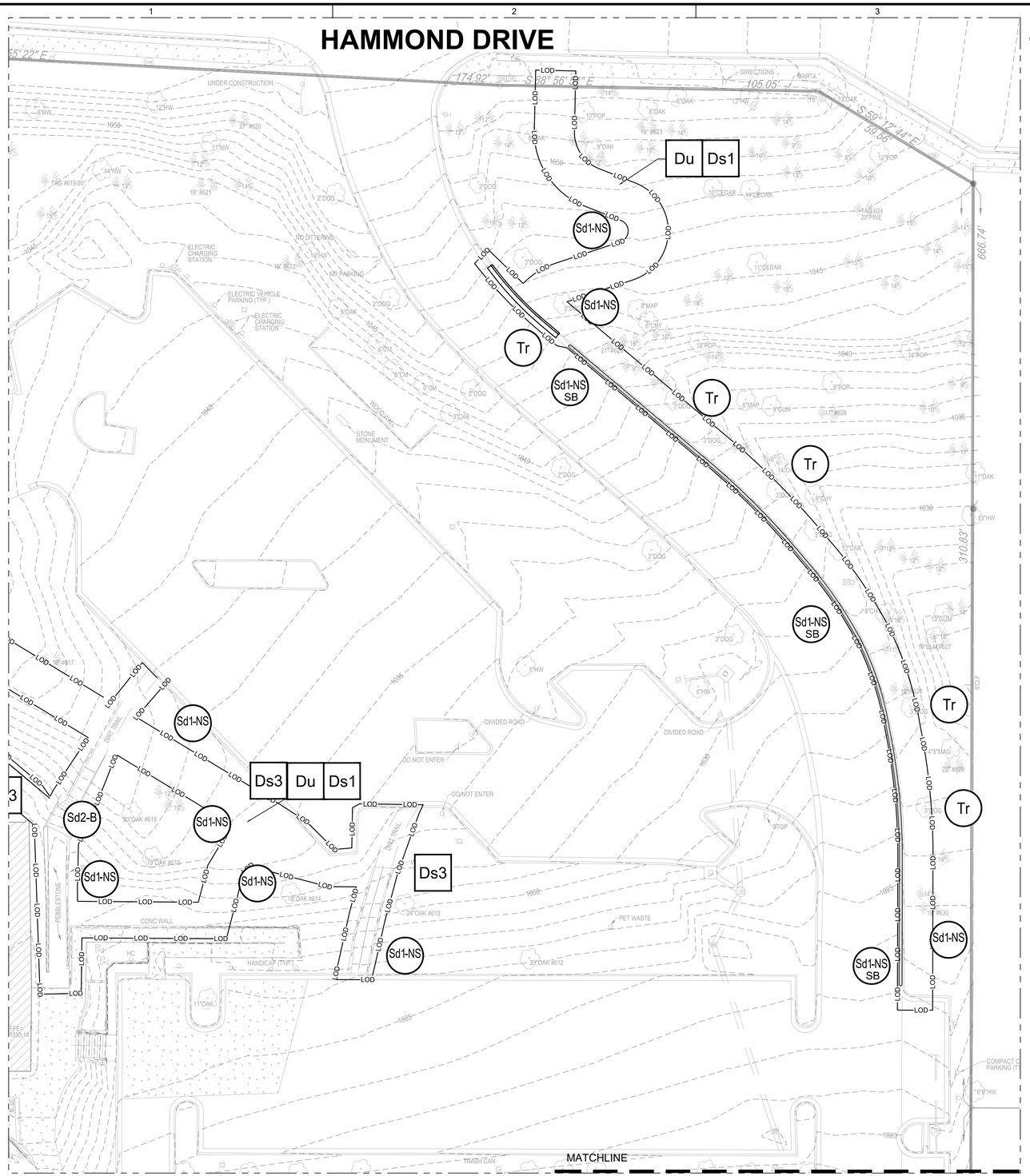
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INITIAL

SHEET IDENTIFICATION NUMBER
CE103

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE100.DWG PLOTTED BY: LINGLE, PEYTON

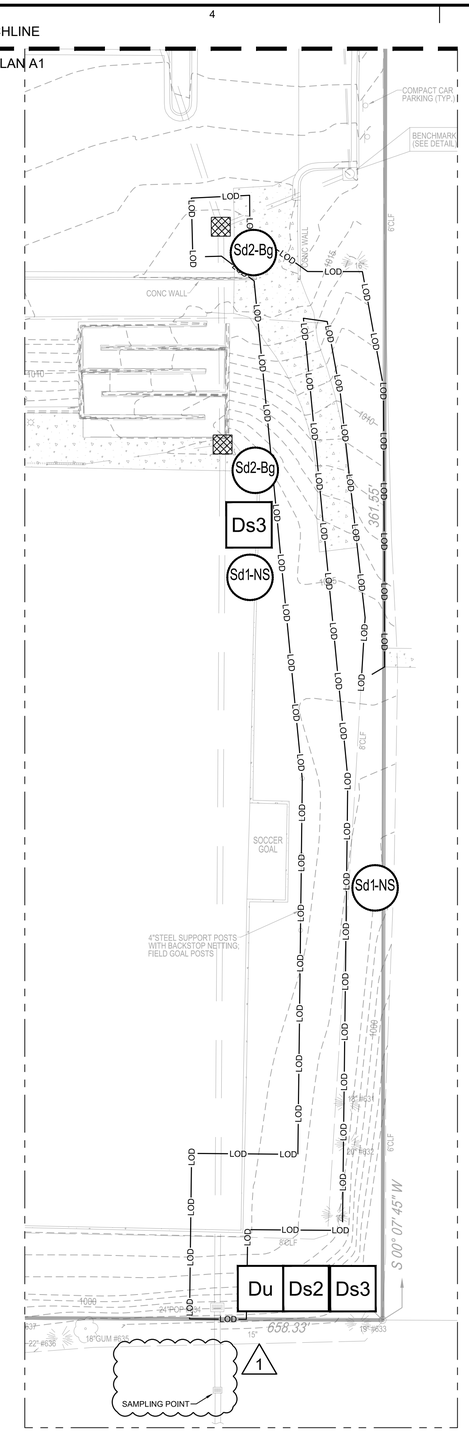
HAMMOND DRIVE



A1 ES & PC PLAN - INITIAL

SCALE: 1" = 20'

0 10' 20' 40' 60'



A4 ES & PC PLAN - INITIAL

SCALE: 1" = 20'

0 10' 20' 40' 60'

SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT - C4/CE501

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: CE100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

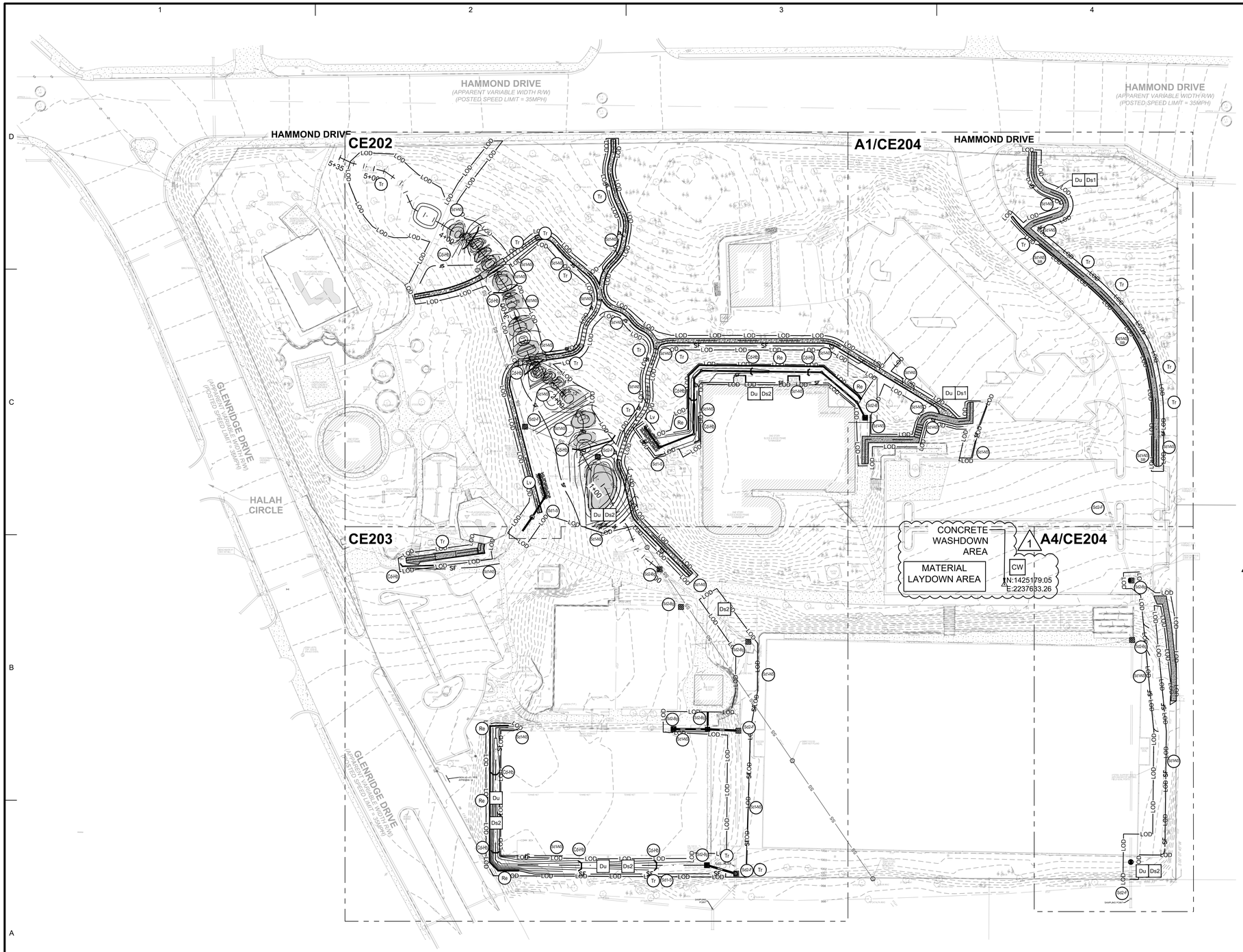
POND
3900 Parkway Lane
Peachtree Corners, GA
Suite 100, Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INITIAL

SHEET IDENTIFICATION NUMBER
CE104

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE100.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

1. REFER TO SHEET CE001 FOR GENERAL CIVIL NOTES, LEGEND, AND ABBREVIATIONS.
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. THERE ARE NO KNOWN WETLANDS LOCATED ONSITE.
4. NO KNOWN STATE WATERS EXIST ONSITE.
5. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
7. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
8. ANY DISTURBED AREA LEFT IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH PERMANENT SEEDING.
9. ANY EXISTING GRASSED AREAS DISTURBED NEED TO BE REPAIRED TO MATCH EXISTING.
10. REFERENCE LA PLANS FOR TPF.

INTERMEDIATE EROSION CONTROL NARRATIVE

DURING THE INTERMEDIATE PHASE, THE INITIAL MEASURE SHALL BE MAINTAINED AS NECESSARY TO COMPLY WITH THE CONDITIONS OF THE STATE OF GEORGIA NPDES PERMIT. DISTURBED AREAS SHALL BE STABILIZED WITH MULCH (Ds1), DUST CONTROL (Du), AND TEMPORARY SEEDING (Ds2). NECESSARY DEMOLITION WILL BE PERFORMED EARLY IN THE INTERMEDIATE PHASE.

2 SIDEWALK AND TRAIL DISTURBANCE IS MINIMAL AND NO SIGNIFICANT GRADING IS ANTICIPATED. THEREFORE, SEDIMENT STORAGE WILL CREATE A WORSE CONDITION

SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT - C4/CE501
2 Re	RETAINING WALL - A1/S-401

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

0 25' 50' 100' 150'

A1 ES & PC PLAN - INTERMEDIATE
SCALE: 1" = 50'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 04/03/2020
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CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE200.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

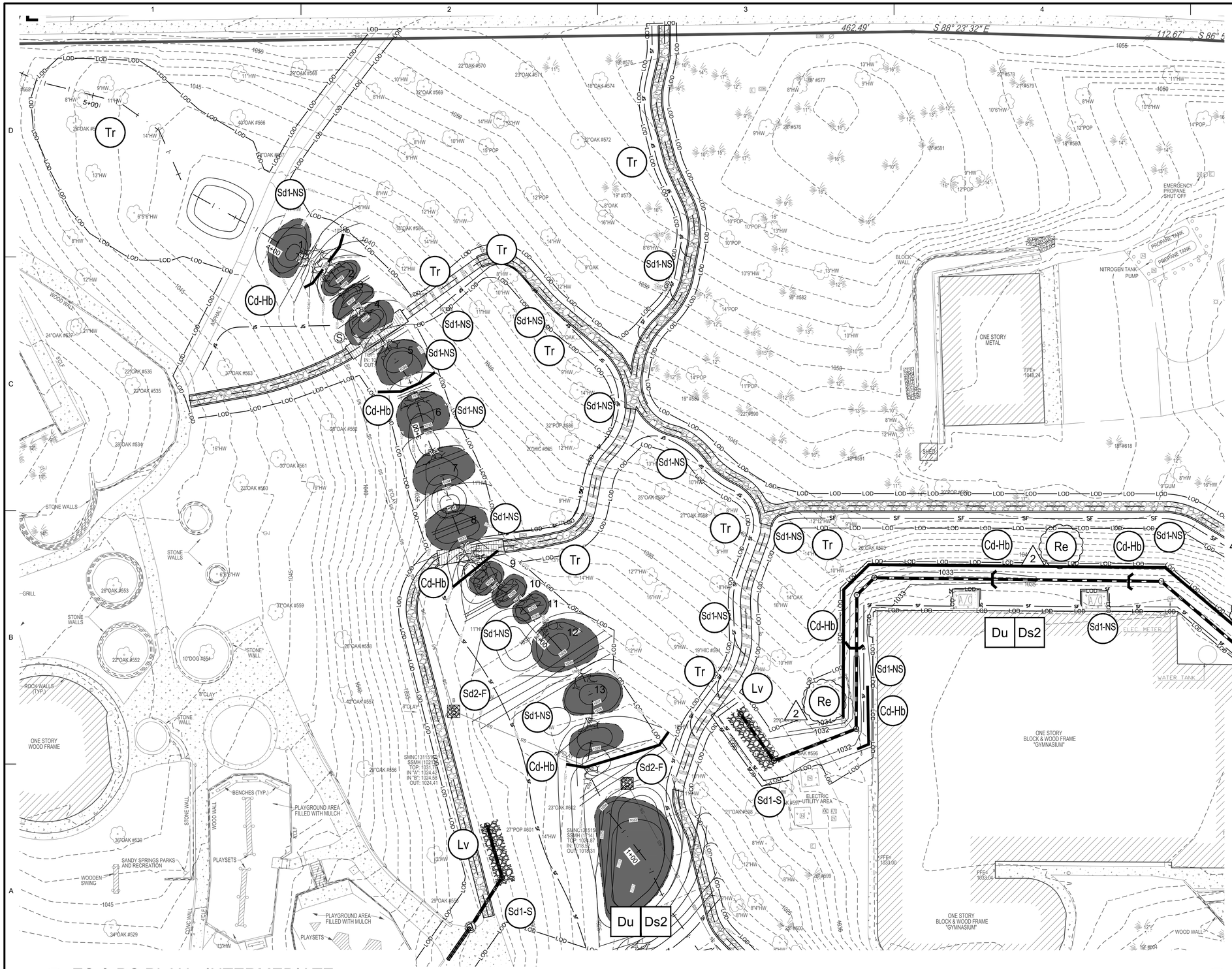
POND
3500 Parkway Lane
Spaulding Corners, Ga
30092 SUITE 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INTERMEDIATE

SHEET IDENTIFICATION NUMBER
CE201

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE200.DWG PLOTTED BY: LINGLE, PEYTON



SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT AREA - C4/CE501
2 Re	RETAINING WALL - A1/S-401

A1 ES & PC PLAN - INTERMEDIATE

SCALE: 1" = 20'

0 10' 20' 40' 60'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	REVISIONS PER CITY COMMENTS DESCRIPTION	DATE	APPR.
2		05-13-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NAME: 1908.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

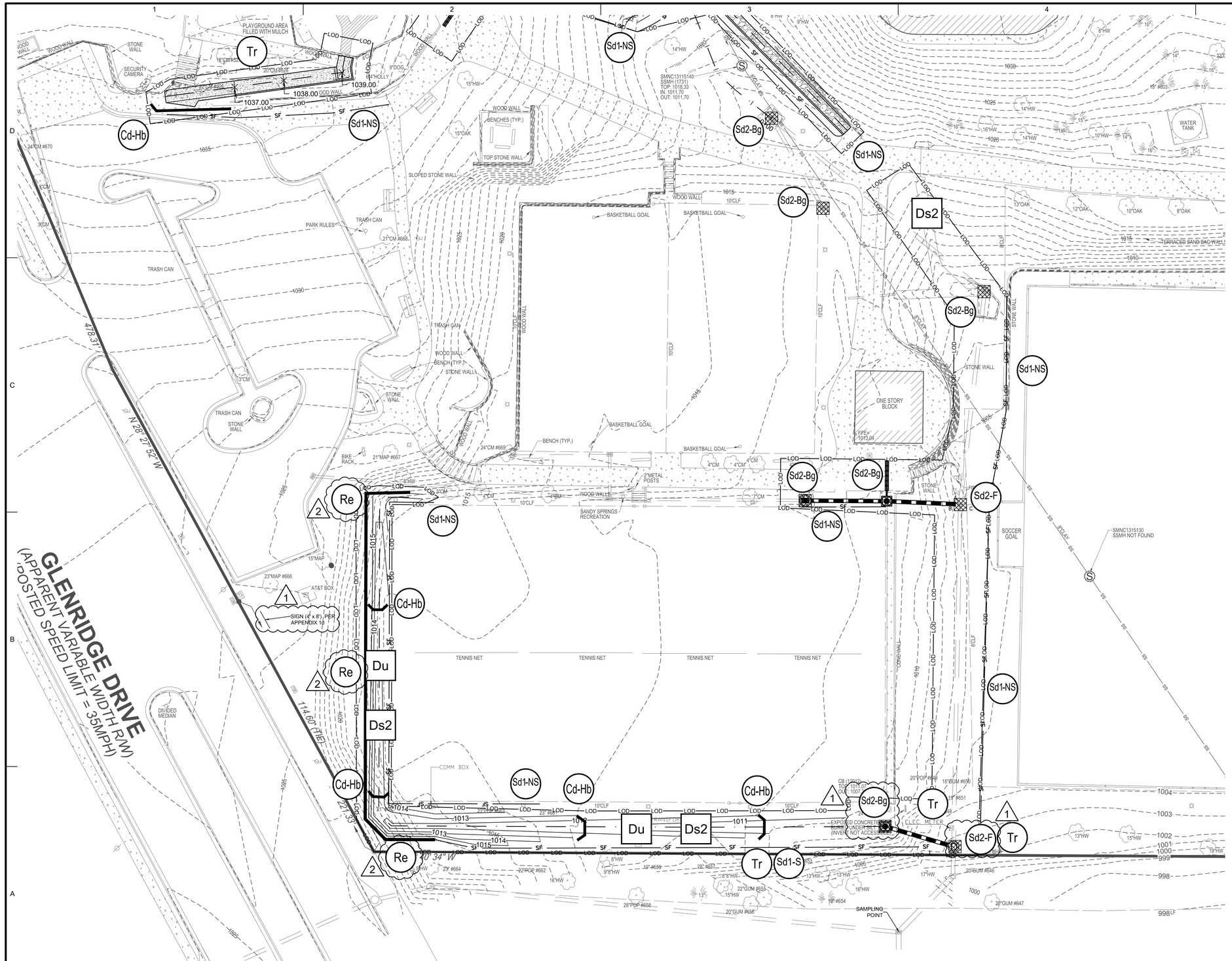
POND
3500 Parkway Lane
Peachtree Corners, GA
30092 USA 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

ES & PC PLAN - INTERMEDIATE

SHEET IDENTIFICATION NUMBER
CE202

FILE PATH: X:\FY19\11906698\04.CAD_BIM\04.02.CAD\CE200.DWG PLOTTED BY: LINGLE, PEYTON



SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT AREA - C4/CE501
2 Re	RETAINING WALL - A1/S-401

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

A1 ES & PC PLAN - INTERMEDIATE
SCALE: 1" = 20'

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: MIL
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE200.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 550
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906698

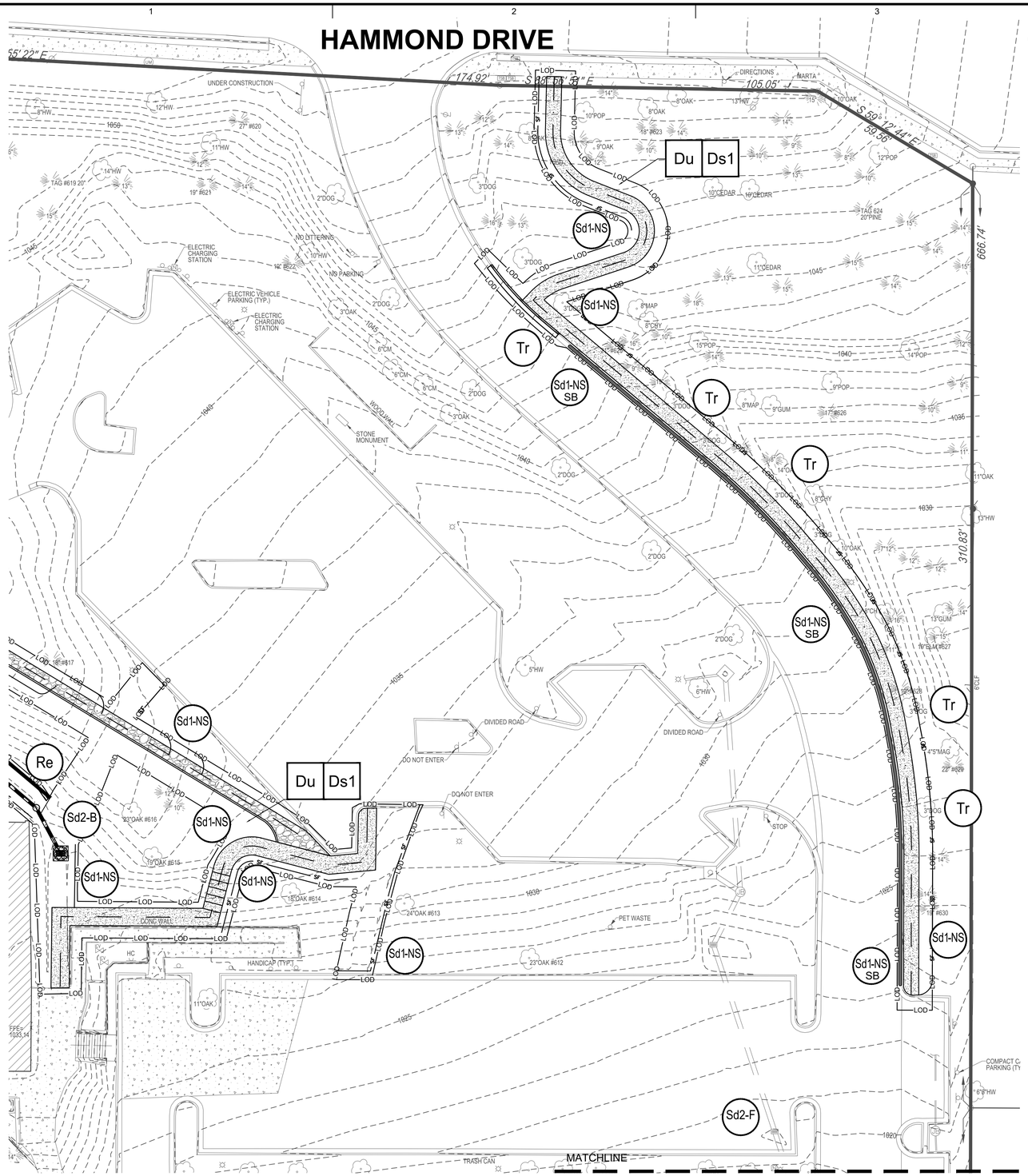
HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INTERMEDIATE

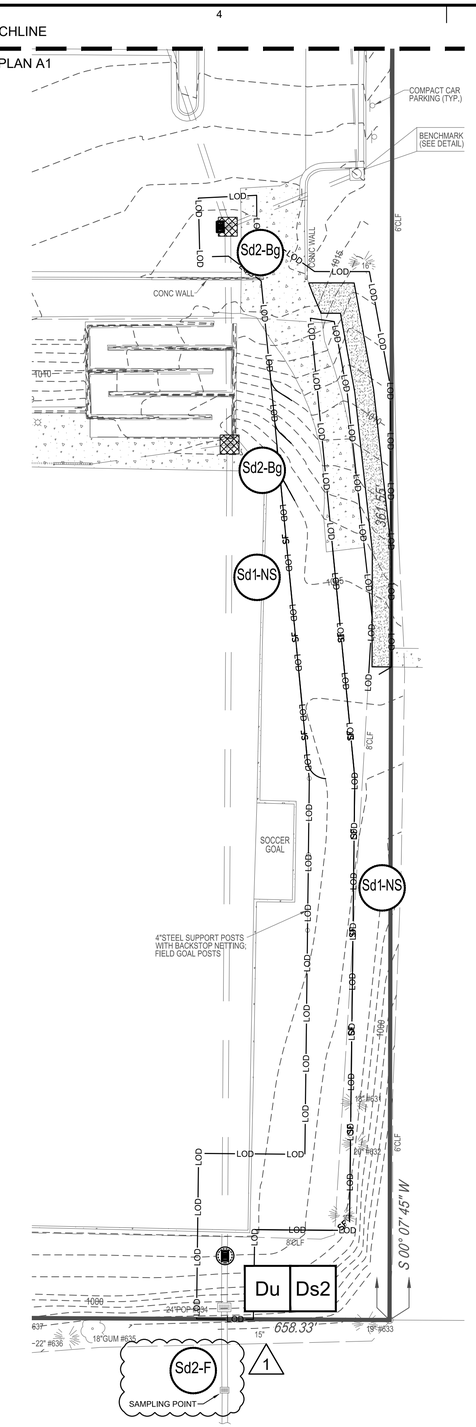
SHEET IDENTIFICATION NUMBER
CE203

FILE PATH: X:\FY19\1190669\04.CAD_BIM\04.02.CAD\CE200.DWG PLOTTED BY: LINGLE, PEYTON

HAMMOND DRIVE



A1 ES & PC PLAN - INTERMEDIATE
SCALE: 1" = 20'



A4 ES & PC PLAN - INTERMEDIATE
SCALE: 1" = 20'

SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT - C4/CE501

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE200.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

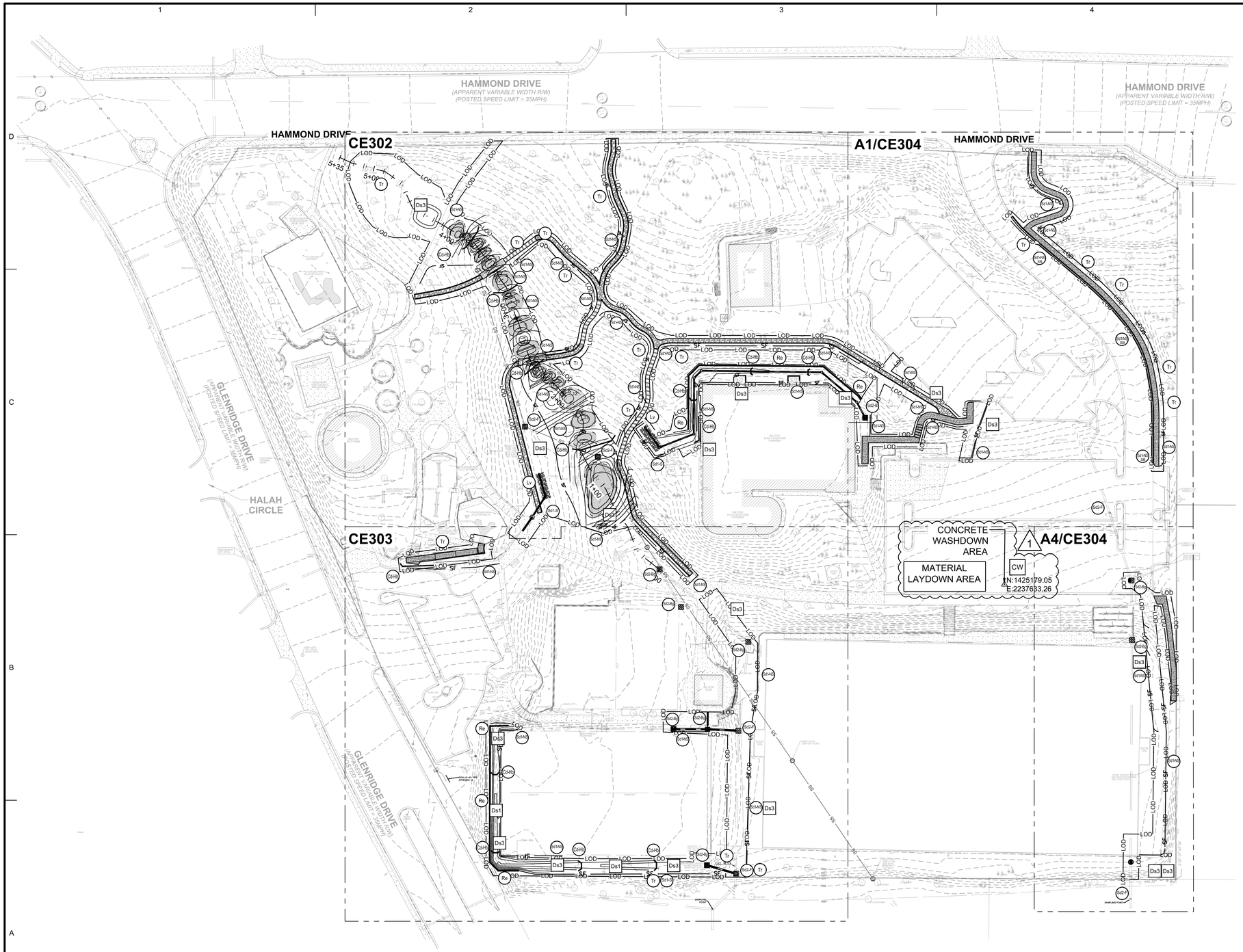
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 100, Suite 100
Phone 678.338.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - INTERMEDIATE

SHEET IDENTIFICATION NUMBER
CE204

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE200.DWG PLOTTED BY: LINGLE, PEYTON



GENERAL SHEET NOTES

1. REFER TO SHEET CE001 FOR GENERAL CIVIL NOTES, LEGEND, AND ABBREVIATIONS.
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. THERE ARE NO KNOWN WETLANDS LOCATED ONSITE.
4. NO KNOWN STATE WATERS EXIST ONSITE.
5. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
7. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
8. ANY DISTURBED AREA LEFT IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH PERMANENT SEEDING.
9. ANY EXISTING GRASSED AREAS DISTURBED NEED TO BE REPAIRED TO MATCH EXISTING.
10. REFERENCE LA PLANS FOR TPF.

FINAL EROSION CONTROL NARRATIVE

DURING THE FINAL PHASE, MOST OF THE CONSTRUCTION OPERATIONS WILL HAVE BEEN COMPLETED AND ALL DISTURBED AREAS SHALL RECEIVE FINAL STABILIZATION. PERMANENT GRASSING (Ds3) OR SOD (SD4) SHALL BE INSTALLED. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLANS FOR PERMANENT LANDSCAPING AND PERMANENT SODDING. CONTRACTOR TO REMOVE ALL SEDIMENT BARRIERS AFTER ALL DISTURBED AREAS STABILIZED.

MUCK OUT ANY SEDIMENT FROM STEP POOLS. BIO-RETENTION AREA MUST BE MUCKED OF ALL SILT OR SEDIMENT AFTER FINAL STABILIZATION IS ACHIEVED.

SHEET LEGEND

- SF — SILT FENCE
- LOD — LIMITS OF DISTURBANCE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
- Ds3 — DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
- Du — DUST CONTROL ON DISTURBED AREA - A1/CE501
- Tr — TREE PROTECTION - A1/CE502
- Cd-Hb — CHECK DAM - B1/CE504
- Sd1-NS SB — SAND BAG - A3/CE504
- CW — CONCRETE WASHOUT - C4/CE501
- 2 Re — RETAINING WALL - A1/S-401

A1 ES & PC PLAN - FINAL
SCALE: 1" = 50'

0 25' 50' 100' 150'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DATE: 04/03/2020
DWN BY: MA
CKD BY: ML
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: CE300.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Spaulding Corners, Ga
Suite 100, 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906998

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - FINAL

SHEET IDENTIFICATION NUMBER
CE301

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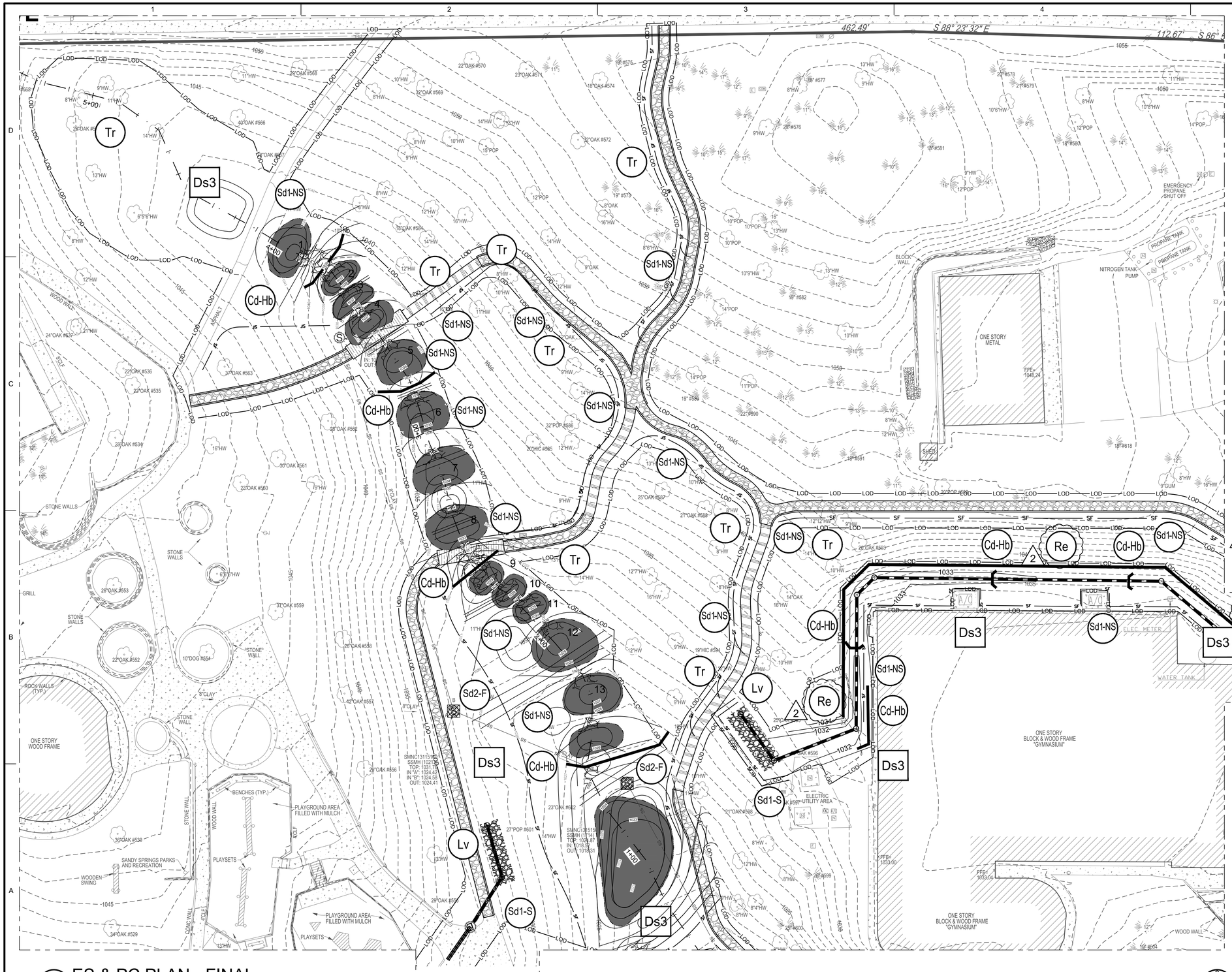

A1 ES & PC PLAN - FINAL

SCALE: 1" = 20'

0 10' 20' 40' 60'

SHEET LEGEND

SF	SILT FENCE
LOD	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT AREA - C4/CE501
2 Re	RETAINING WALL - A1/S-401

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	REVISIONS PER CITY COMMENTS DESCRIPTION	DATE	APPR.
2		05-13-2020	

DESIGNED BY: PIL
DATE: 04/03/2020
DWN BY: MA
CKD BY: MIL
SOLICITATION NO.:
SUBMITTED BY: MAW
CONTRACT NO.:
FILE NAME: 1190698.dwg
FILE NUMBER:
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 USA 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

ES & PC PLAN - FINAL

SHEET IDENTIFICATION NUMBER
CE302

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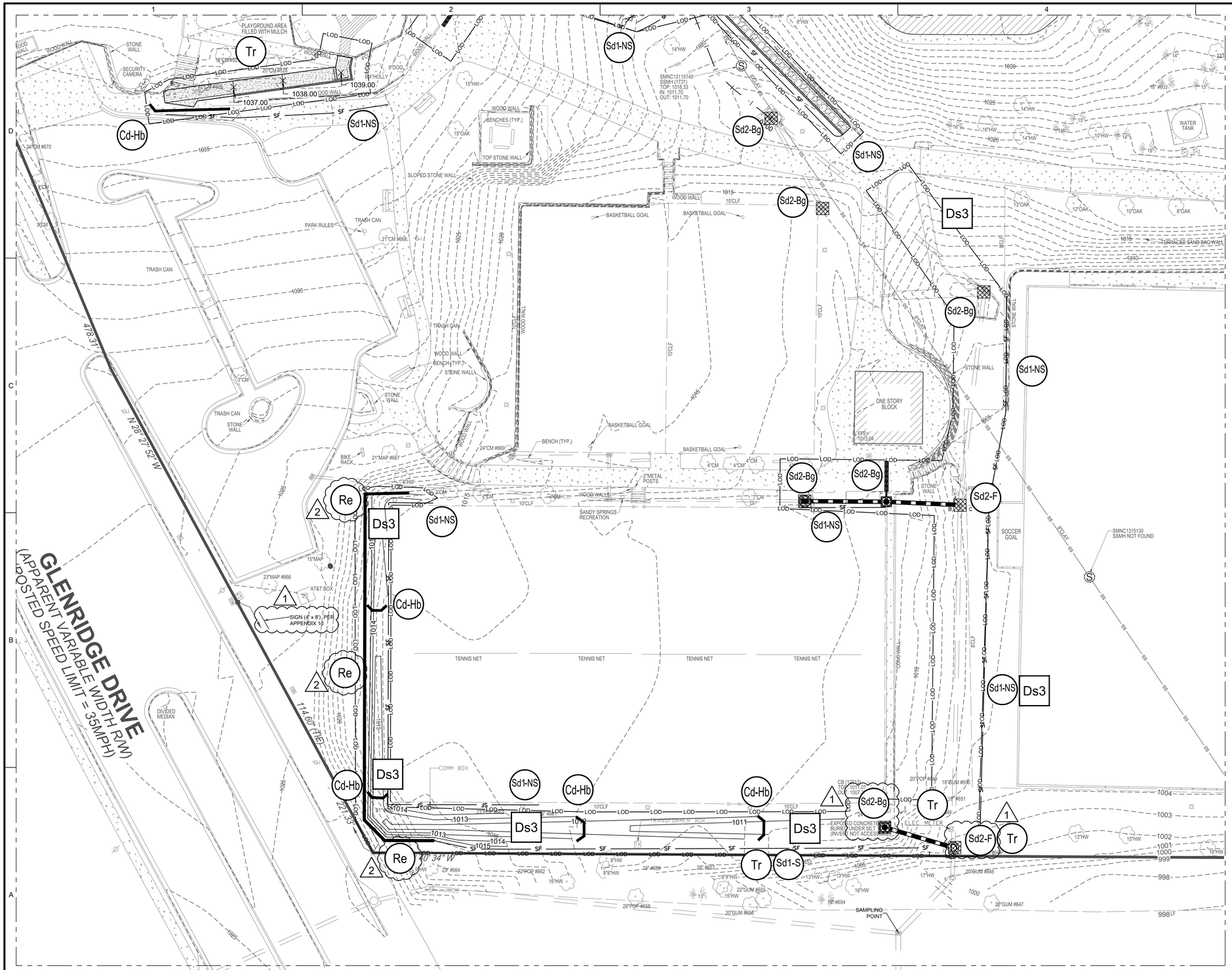

SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT AREA - C4/CE501
2 Re	RETAINING WALL - A1/S-401

A1 ES & PC PLAN - FINAL

SCALE: 1" = 20'

0 10' 20' 40' 60'

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.
2	REVISIONS PER CITY COMMENTS	05-13-2020	
1	REVISIONS PER CITY COMMENTS	04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: CE300.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906998

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - FINAL

SHEET IDENTIFICATION NUMBER
CE303

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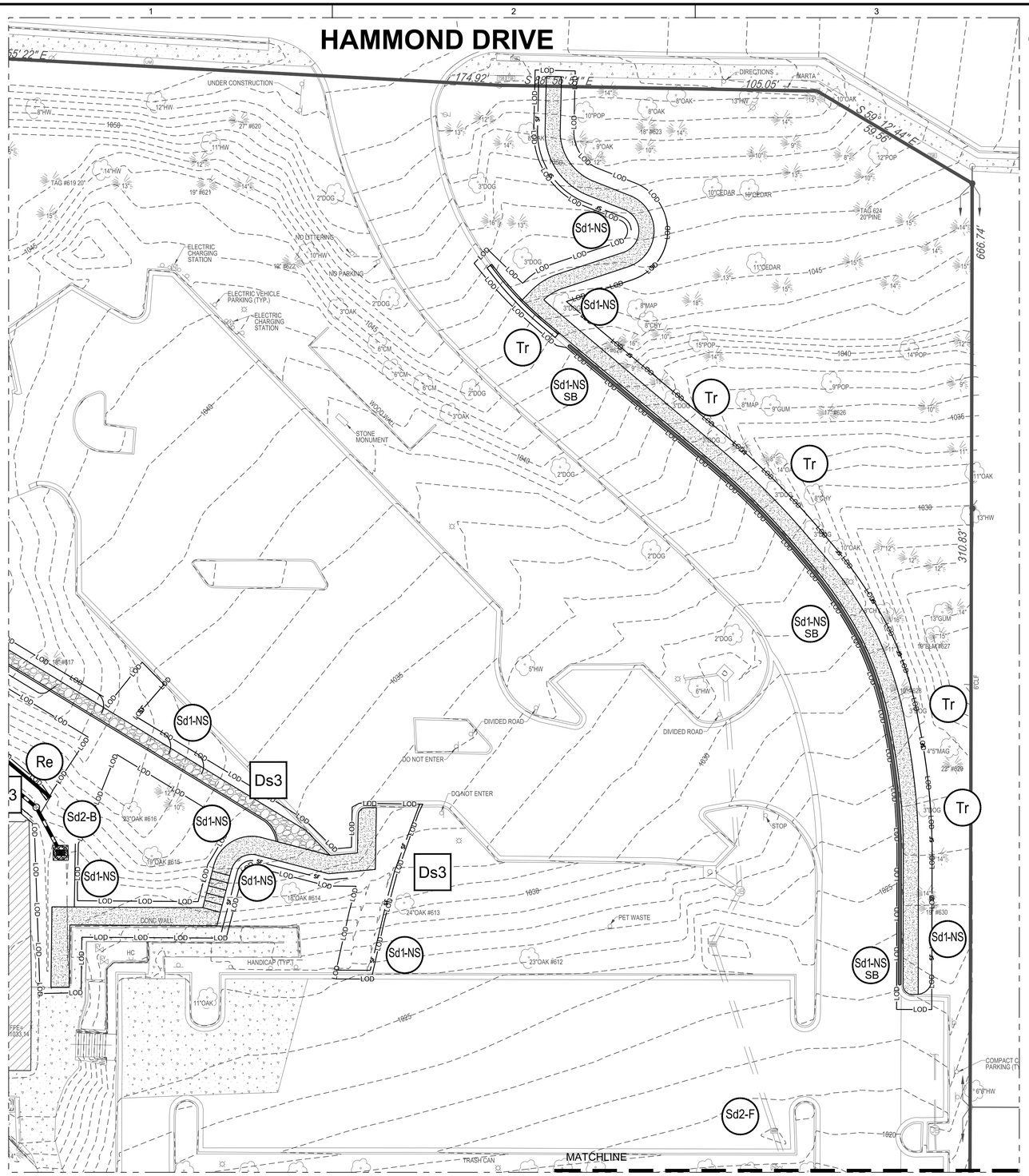
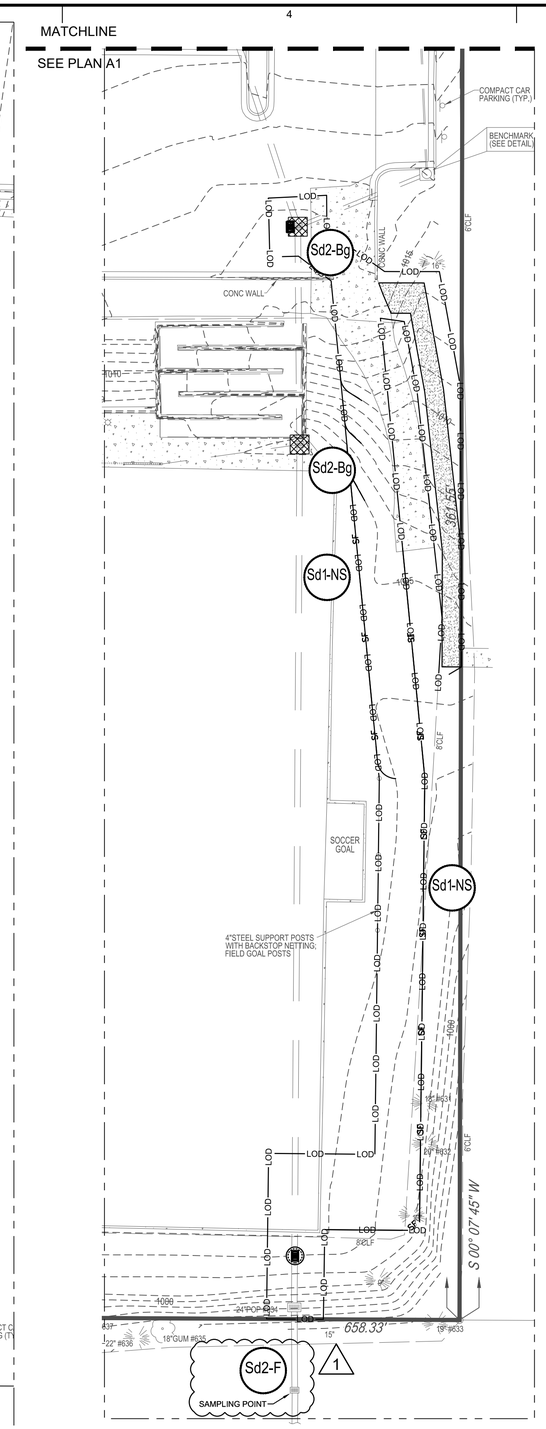
HAMMOND DRIVE



A1 ES & PC PLAN - FINAL
SCALE: 1" = 20'



A4 ES & PC PLAN - FINAL
SCALE: 1" = 20'

SHEET LEGEND

—— SF ——	SILT FENCE
—LOD——LOD—	LIMITS OF DISTURBANCE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) - A3/CE501
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING) - A3/CE502
Ds3	DISTURBED AREA STABILIZATION (WITH PERM. VEGETATION) - A1/CE503
Du	DUST CONTROL ON DISTURBED AREA - A1/CE501
Lv	LEVEL SPREADER - C1/CE504
Sd1-NS	SEDIMENT BARRIER, NON-SENSITIVE AREA - B1/CE501
Sd1-S	SEDIMENT BARRIER, SENSITIVE AREA - B2/CE501
Sd2-F	INLET SEDIMENT TRAP, FILTER FABRIC - B3/CE504
Sd2-Bg	INLET SEDIMENT TRAP, BLOCK AND GRAVEL - C1/CE502
Tr	TREE PROTECTION - A1/CE502
Cd-Hb	CHECK DAM - B1/CE504
Sd1-NS SB	SAND BAG - A3/CE504
CW	CONCRETE WASHOUT AREA - C4/CE501

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE041517 PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	REVISIONS PER CITY COMMENTS DESCRIPTION	04-27-2020 DATE	APPR.
1			

DESIGNED BY: PIL
DWN BY: MA
CKD BY: ML
SUBMITTED BY: MAW
FILE NAME: CE300.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE: 04/03/2020
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

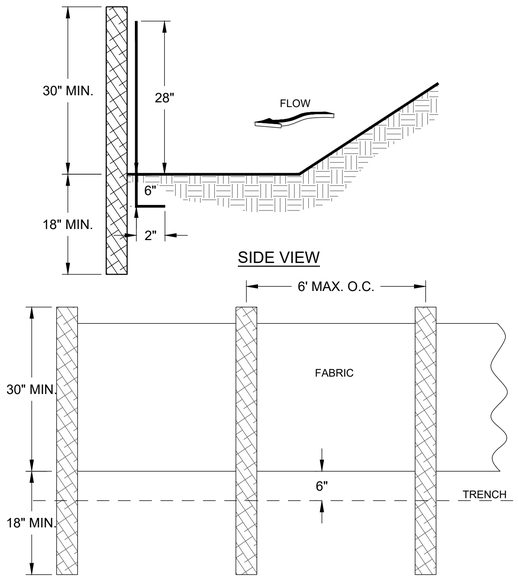
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC PLAN - FINAL

SHEET IDENTIFICATION NUMBER
CE304

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE300.DWG PLOTTED BY: LINGLE, PEYTON



MAINTENANCE

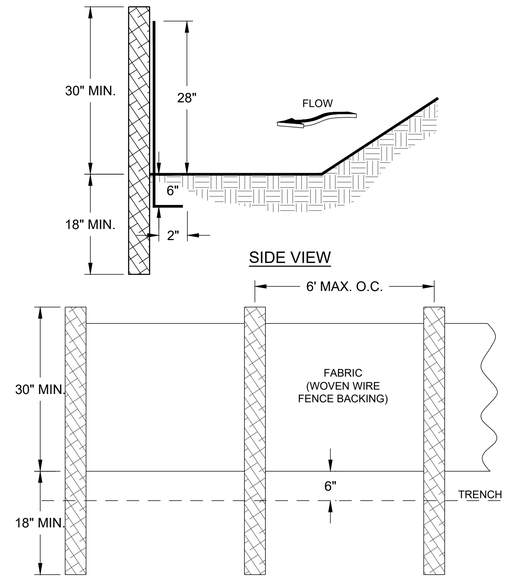
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE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

NOTES

1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

B1 TYPE NONSENSITIVE 'NS' SILT FENCE Sd1-NS

NO SCALE



MAINTENANCE

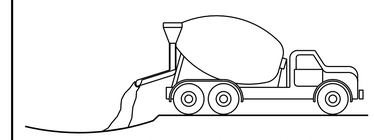
SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE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

NOTES

1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

B2 TYPE SENSITIVE 'S' SILT FENCE Sd1-S

NO SCALE



DESIGNATE WASHDOWN AREA AND EXCAVATE PIT LARGE ENOUGH TO CONTAIN WASHDOWN WATER. THIS MUST BE AWAY FROM STORM DRAINS AND WATERWAYS.

ADVISE CONCRETE TRUCK DRIVERS OF THE DESIGNATED WASH-OUT AREAS BEFORE THEY START THE JOB.

WASHDOWN CHUTE, HOPPER, AND REAR OF VEHICLE ONLY. DO NOT WASH OUT DRUM

ENSURE THAT ALL WASHDOWN WATER STAYS IN PIT.

DISPOSE OF SETTLED, HARDENED CONCRETE IN GARBAGE WITH OTHER CONSTRUCTION DEBRIS.

NEVER DISPOSE OF WASHDOWN WATER IN STREETS, STORM DRAINS, OR STREAMS.

CONCRETE TRUCK WASHDOWN

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

City of Atlanta	STANDARD DETAILS	REV. DATE: OCT. 2011 ORIG. DATE: NOV 2004 SCALE: N.T.S.
	CONCRETE TRUCK WASHDOWN	DETAIL NO. ER-G_CW001

C4 CONCRETE WASHDOWN CW

NO SCALE

1

METHODS AND MATERIALS

A. TEMPORARY METHODS

MULCHES
SEE MULCHING. SYNTHETIC RESINS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL.

VEGETATIVE COVER
SEE TEMPORARY SEEDING.

SPRAY-ON ADHESIVES
THESE ARE USED ON MINERALS SOILS. KEEP TRAFFIC OFF THESE AREAS.

SPRINKLING
THE SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED. THIS METHOD IS ESPECIALLY EFFECTIVE ON HAUL ROADS AND OTHER TRAFFIC ROUTES.

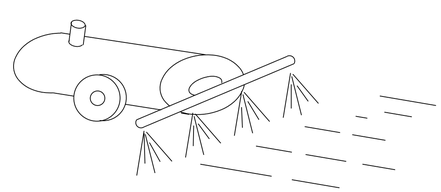
BARRIERS
SOLID BOARD FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.

B. PERMANENT METHODS

PERMANENT VEGETATION
SEE STANDARD FOR PERMANENT SEEDING, AND PERMANENT STABILIZATION WITH SOD. EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

TOPSOILING
THIS ENTAILS COVERING THE SURFACE WITH LESS EROSIVE SOIL MATERIAL. SEE TOPSOILING.

STONE
COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



A1 DUST CONTROL Du

NO SCALE

MULCHING MATERIAL

1. DRY STRAW OR HAY SHALL BE APPLIED AT A DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE.

2. WOOD WASTE (CHIPS, SAWDUST, OR BARK) SHALL BE APPLIED AT A DEPTH OF 2 TO 3 INCHES. ORGANIC MATERIAL FROM THE CLEARING STAGE OF DEVELOPMENT SHOULD REMAIN ON SITE, BE CHIPPED, AND APPLIED AS MULCH.

3. CUTBACK ASPHALT 9SLOW CURING) SHALL BE APPLIED AT 1200 GALLONS PER ACRE (OR 1/4 GALLON PER SQ. YD.)

4. POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION.

APPLYING MULCH

1. DRY STRAW OR HAY MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.

2. IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY DECOMPOSITION OF THE ORGANIC MULCHES.

3. CUTBACK ASPHALT SHALL BE APPLIED UNIFORMLY. CARE SHOULD BE TAKEN IN AREAS OF PEDESTRIAN TRAFFIC DUE TO PROBLEMS OF "TRACKING IN" OR DAMAGE TO SHOES, CLOTHING, ETC.

4. APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH

1. STRAW OR HAY MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK." DISKS MAY BE USED SMOOTH OR SERRATED AND SHOULD BE 20 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW OF HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION.

STRAW OR HAY MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE AE-5 OR SS-1). THE ASPHALT EMULSION SHALL BE SPRAYED ONTO THE MULCH AS IT IS EJECTED FROM THE MACHINE. USE 100 GALLONS OF EMULSIFIED ASPHALT AND 100 GALLONS OF WATER PER TON OF MULCH. TACKIFERS AND BINDERS CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. PLEASE REFER TO SPECIFICATION Tb - TACKIFERS AND BINDERS. PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

ANCHORING MULCH (CONTINUED)

2. NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENING OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.

3. POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

TABLE 1. Mulching Application Requirements

MATERIAL	RATE	DEPTH
Straw or hay	-	2" to 4"
Wood waste, chips, sawdust, bark	-	2" to 3"
Cutback asphalt	1200 gal./acre, 1/4 gal./sq. yd./ or see manufacturer's recommendations	-
Polyethylene film	Secure with soil, anchors, weights	-
Geotextiles, jute matting, netting, etc.	See manufacturer's recommendations	-

INSTALLATION NOTES:

1. INSTALL ALL OTHER REQUIRED BMPs FIRST.
2. GRADE SITE, IF POSSIBLE, TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
3. LOOSEN COMPACTED SOIL, IF POSSIBLE, TO A DEPTH OF 3 INCHES.
4. APPLY STRAW OR HAY UNIFORMLY, AS SHOWN IN TABLE 1, BY HAND OR MECHANICAL EQUIPMENT, AND ANCHOR BY PRESSING INTO SOIL OR USING NETTING.
5. MULCH ON SLOPES GREATER THAN 3% SHOULD BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE AE-5 OR SS-1) OR OTHER SUITABLE TACKIFIER.
6. WOOD WASTE ON SLOPES FLATTER THAN 3:1 DO NOT NEED ANCHORING.
7. MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS LEFT INACTIVE FOR FOURTEEN DAYS.

MAINTENANCE NOTES:

1. ADD MULCH AS NEEDED TO MAINTAIN THE SUGGESTED DEPTH.
2. IF ORGANIC MULCH IS TO BE LEFT AND INCORPORATED INTO THE SOIL, APPLY 20-30 POUNDS OF NITROGEN IN ADDITION TO THE FERTILIZER REQUIRED FOR VEGETATION.

A3 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) Ds1

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	REVISIONS PER CITY COMMENTS DESCRIPTION	DATE	APPR.
1		04-27-2020	

DESIGNED BY: PIL
DWN BY: MA
CKD BY:
SUBMITTED BY:
FILE NAME: CE501.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
DATE:
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/22/2019

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

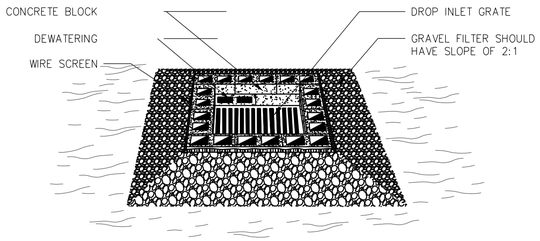
POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 570, 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906598

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

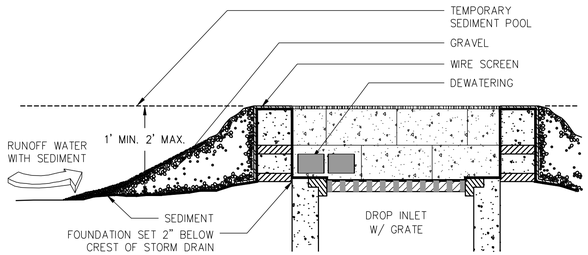
ES & PC DETAILS

SHEET IDENTIFICATION NUMBER
CE501

FILE PATH: X:\FY19\11906598\04.CAD_BIM\04.02.CAD\CE501.DWG PLOTTED BY: LINGLE, PEYTON



BLOCK AND GRAVEL PERSPECTIVE



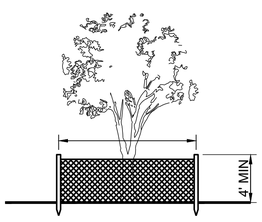
BLOCK AND GRAVEL SECTION

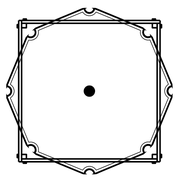
NOTES

1. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH ½ INCH OPENINGS SHALL BE FITTED OVER ALL 2 BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
2. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE FIRST ROW OF BLOCKS WILL BE PLACED HERE FOR LATERAL SUPPORT.
3. ONE BLOCK (AS SHOWN) IS TO BE PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE.

C1 INLET SEDIMENT TRAP BLOCK AND GRAVEL DROP INLET PROTECTION (Sd2-Bg)

NO SCALE





BARRIER CONSTRUCTED TO PROTECT TREE TRUNK, CROWN, AND ROOT SYSTEM FROM INJURY. BARRIERS SHALL BE LOCATED AT THE LIMITS OF THE TREE'S CRITICAL ROOT ZONE (A RADIUS OF ONE AND A HALF FEET PER INCH OF THE TREE'S DIAMETER AT BREAST HEIGHT). BARRIER SHALL BE KEPT IN GOOD CONDITION FOR THE DURATION OF THE PROJECT AND IS TO REMAIN IN PLACE UNTIL THE NOTICE OF TERMINATION.

CHAIN LINK FENCE DETAIL

FOR ADDED PROTECTION

-PROVIDE 4" DEEP ORGANIC MULCH OVER ANY UNPROTECTED ROOT ZONE.
-PROVIDE TEMPORARY IRRIGATION WHERE PRACTICAL AND FEASIBLE.

A1 TREE PROTECTION FENCE (Tr)

NO SCALE

TEMPORARY SEEDING:

SEEDBED PREPARATION: WHEN USING CONVENTIONAL OR HAND-SEEDING, SEEDBED PREPARATION IS NOT REQUIRED IF THE SOIL MATERIAL IS LOOSE AMD NOT SEALED BY RAINFALL. WHEN SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH UNDISTURBED CUT SLOPES, THE SOIL SHALL HAVE PITTED, TRENCHED OR OTHERWISE SCARIFIED TO PROVIDE A PLACE FOR SEED TO LODGE AND GERMINATE.

LIME AND FERTILIZER: AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHEWRWISE. APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE. GRADED AREAS REQUIRE LIME APPLICATION. SOILS CAN BE TESTED TO SEE IF FERTILIZER IS NEEDED. ON REASONABLY FERTILE SOILS OR SOIL MATERIAL, FERTILIZER IS NOT REQUIRED. FOR SOILS WITH VERY LOW FERTILITY, 500 TO 700 POUNDS OF 10-10-10 FERTILIZER OF THE EQUIVALENT PER ACRE (12-16 LBS/1000 SQ. FT.) SHALL BE APPLIED. FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER OR CHISEL.

SEEDING:
REFER TO TEMPORARY SEEDING CHART THIS PAGE.

APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER-SEEDER, OR HYDRAULIC SEEDER (SLURRY INCLUDING SEED AND FERTILIZER). DRILL OR CULTIPACKER SEEDERS SHOULD NORMALLY PLACE SEED ONE-QUARTER TO ONE-HALF INCH DEEP. APPROXIMATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. SOIL SHOULD BE RAKED LIGHTLY TO COVER SEED WITH SOIL IF SEEDING BY HAND.

Species	Broadcast Rates - PLS Per Acre	Broadcast Rates - PLS Per 1000 sq. ft.	Planting Dates (Solid lines indicate optimum dates, dotted lines indicated permissible but marginal dates.) J F M A M J J A S O N D
BARLEY (Hordeum vulgare)			
alone	3 bu. (144 lbs.)	3.3 lb.	
in mixtures	½ bu. (24 lbs.)	0.6 lb.	
LESPEDEZA, ANNUAL (lezpedeza striata)			
alone	40 lbs.	0.9 lb.	
in mixtures	10 lbs.	0.2 lb.	
LOVEGRASS, WEEPING (Eragrostis curvula)			
alone	4 lbs.	0.1 lb.	
in mixtures	2 lbs.	0.05 lb.	
MILLET, BROWNTOP (Pancium fasciculatum)			
alone	40 lbs.	0.9 lb.	
in mixtures	10 lbs.	0.2 lb.	
MILLET, PEARL (Pennesetum glaucum)			
alone	50 lbs.	1.1 lb.	
OATS (Avena sativa)			
alone	4 bu. (128 lbs.)	2.9 lb.	
in mixtures	1 bu. (32 lbs.)	0.7 lb.	
RYE (Secale cereale)			
alone	3 bu. (168 lbs.)	3.9 lb.	
in mixtures	½ bu. (28 lbs.)	0.6 lb.	
RYEGRASS, ANNUAL (Lolium temulentum)			
alone	40 lbs.	0.9 lb.	
SUDANGRASS (Sorghum sudanese)			
alone	60 lbs.	1.4 lb.	
WHEAT (Triticum aestivum)			
alone	3 bu. (180 lbs.)	4.1 lb.	
in mixtures	½ bu. (30 lbs.)	0.7 lb.	

TABLE 1. SOME TEMPORARY PLANT SPECIES, SEEDING RATES AND PLANTING DATES

Species	Rates per 1,000 sq. ft.	Rates per Acre	Region M-L (Mountain, Blue Ridge, Ridges and Valley)	Region P (Southern Piedmont	Region C (Southern Coastal Plain, Sand Hills, Black Lands, and Atlantic Coastal Flatwoods)
Barley alone	3.3 lbs.	3 bu.	9 Sept. - 31 Oct.	15 Sept. - 15 Nov.	1 Oct. - 31 Dec.
Barley, in mixtures	0.6 lbs.	0.5 bu.			
Lespedeza, Annual	0.9 lbs.	40 lbs.	1 Mar. - 31 Mar.	1 Mar. - 31 Mar.	1 Feb. - 28 Feb.
Lespedeza, in mixtures	0.2 lbs.	10 lbs.			
Lovegrass, weeping	0.1 lbs.	4 lbs.	1 Apr. - 31 May	1 Apr. - 31 May	1 Mar. - 31 May
Lovegrass, in mixtures	0.05 lbs.	2 lbs.			
Millet, browntop	0.9 lbs.	40 lbs.	15 Apr. - 15 Jun.	15 Apr. - 30 Jun.	15 Apr. - 30 Jun.
Millet, in mixtures	0.2 lbs.	10 lbs.			
Millet, pearl	1.1 lbs.	50 lbs.	15 May - 15 Jul.	1 May - 31 Jul.	15 Apr. - 15 Aug.
Oats, alone	2.99 lbs.	4 bu.	15 Sept. - 15 Nov.	15 Sept. - 15 Nov.	15 Sept. - 15 Nov.
Oats, in mixtures	0.7 lbs.	1 bu.			
Rye (grain), alone	3.9 lbs.	3 bu.	15 Aug. - 31 Oct.	15 Sept. - 30 Nov.	1 Oct. - 31 Dec.
Rye, in mixtures	0.6 lbs.	0.5 bu.			
Ryegrass	0.9 lbs.	40 lbs.	15 Aug. - 15 Nov.	1 Sept. - 15 Dec.	15 Sept. - 31 Dec.
Sudangrass	1.4 lbs.	60 lbs.	1 May - 31 Jul.	1 May - 31 Jul.	1 Apr. - 31 Jul.
Triticale, alone	3.3 lbs.	3 bu.	-	-	15 Oct. - 30 Nov.
Triticale, in mixtures	0.6 lbs.	0.5 bu.			
Wheat, alone	4.1 lbs.	3 bu.	15 Sept. - 30 Nov.	1 Oct. - 15 Dec.	15 Oct. - 31 Dec.
Wheat, in mixtures	0.7 lbs.	0.5 bu.			

1. UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIEW SEEDING RATES.
2. SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.
3. FOR MAJOR LAND RESOURCE AREAS (MLRAs), SEE "TACKIFIERS AND BINDERS" OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION.
3. SEEDING RATES ARE BASED ON PURE LIVE SEED (PLS).

A3 DISTURBED AREA STABILIZATION WITH (Ds2)

NO SCALE

TABLE 2. FERTILIZER REQUIREMENTS FOR TEMPORARY VEGETATION

Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	N Top Dressing Rate (lbs./acre)
Cool season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	1000	-
	Maintenance	10-10-10	400	30
Cool season grasses and legumes	First	6-12-12	1500	0-50
	Second	0-10-10	1000	-
	Maintenance	0-10-10	400	-
Temporary cover crops seeded alone	First	10-10-10	500	30
Warm season grasses	First	6-12-12	1500	50-100
	Second	6-12-12	800	50-100
	Maintenance	10-10-10	400	30

INSTALLATION NOTES:

1. INSTALL ALL E&SC MEASURES PRIOR TO APPLYING TEMPORARY VEGETATION.
2. GRADING OR SHAPING ARE NOT REQUIRED IF SLOPES CAN BE PLANTED WITH A HYDROSEEDER OR BY HAND-SEEDING.
3. SEEDBED PREPARATION IS NOT REQUIRED IF SOIL IS LOOSE AND NOT SEALED BY RAIN.
4. WHEN THE SOIL IS SEALED OR CRUSTED, IT SHOULD BE PITTED, TRENCHED OR SCARIFIED TO PROVIDE A PLACE FOR SEED TO LODGE AND GERMINATE.
5. AGRICULTURAL LIME IS NOT REQUIRED.
6. FERTILIZE LOW FERTILITY SOILS PRIOR TO OR DURING PLANTING AT THE RATE OF 500-700 LBS./ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT (12-16 LBS./1000 SQ. FT.)
7. IT IS IMPERATIVE THAT YOU CHECK THE TAG ON THE BAG OF SEED TO VERIFY THE TYPE AND GERMINATION OF THE SEED TO BE PLANTED.
8. APPLY SEED BY HAND, CYCLONE SEEDER, DRILL OR HYDRO-SEEDER. SEED PLANTED WITH A DRILL SHOULD BE PLANTED ¼"-½" DEEP.
9. APPLY IN ACCORDANCE WITH SPECIFICATIONS ON THE E&SC PLAN. IF INFORMATION IS NOT AVAILABLE, SELECT A TEMPORARY COVER FROM TABLE 1.
10. TEMPORARY COVER SHALL BE APPLIED TO ALL DISTURBED AREAS LEFT IDLE FOR 14 DAYS. (IF AN AREA IS LEFT IDLE FOR 6 MONTHS, PERMANENT COVER SHALL BE APPLIED.)

MAINTENANCE NOTE:

RE-SEED AREAS WHERE AN ADEQUATE STAND OF TEMPORARY VEGETATION FAILS TO EMERGE OR WHERE A POOR STAND EXISTS.

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE

08-24-2020

SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL
DWN BY: MA
CKD BY:
SUBMITTED BY:
DATE:
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE501.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
PLOT DATE: 08/22/2019

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
30092 | 678.336.7100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

ES & PC DETAILS

SHEET IDENTIFICATION NUMBER
CE502

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\CE501.DWG PLOTTED BY: LINGLE, PEYTON

1 | 2 | 3 | 4 | 5

THE PLANTING OF PERENNIAL VEGETATION SUCH AS TREES, SHRUBS, VINES, GRASSES, OR LEGUMES ON EXPOSED AREAS FOR FINAL PERMANENT STABILIZATION. PERMANENT PERENNIAL VEGETATION SHALL BE USED TO ACHIEVE FINAL STABILIZATION.

INSTRUCTIONS

THIS PRACTICE SHALL BE APPLIED IMMEDIATELY TO ROUGH GRADED AREAS THAT WILL BE UNDISTURBED FOR LONGER THAN SIX MONTHS. THIS PRACTICE OR SODDING SHALL BE APPLIED IMMEDIATELY TO ALL AREAS AT FINAL GRADE. FINAL STABILIZATION MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, AT LEAST 70% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIP RAP, GABIONS, PERMANENT MULCHES OR GEOTEXTILES) HAVE BEEN EMPLOYED. PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL VINES; A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE REGION, SUCH THAT WITHIN THE GROWING SEASON A 70% COVERAGE BY PERENNIAL VEGETATION SHALL BE ACHIEVED. FINAL STABILIZATION APPLIES TO EACH PHASE OF CONSTRUCTION. FOR LINEAR CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURAL OR SILVICULTURAL PURPOSES, FINAL STABILIZATION MAY BE ACCOMPLISHED BY STABILIZING THE DISTURBED LAND FOR ITS AGRICULTURAL OR SILVICULTURAL USE. UNTIL THIS STANDARD IS SATISFIED AND PERMANENT CONTROL MEASURES AND FACILITIES ARE OPERATIONAL, INTERIM STABILIZATION MEASURES AND TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES SHALL NOT BE REMOVED.

D

PLANNING CONSIDERATIONS

1. USE CONVENTIONAL PLANTING METHODS WHERE POSSIBLE.
2. WHEN MIXED PLANTINGS ARE DONE DURING MARGINAL PLANTING PERIODS, COMPANION CROPS SHALL BE USED.
3. NO-TILL PLANTING IS EFFECTIVE WHEN PLANTING IS DONE FOLLOWING A SUMMER OR WINTER ANNUAL COVER CROP.
4. BLOCK SOD PROVIDES IMMEDIATE COVER. IT IS ESPECIALLY EFFECTIVE IN CONTROLLING EROSION ADJACENT TO CONCRETE FLUMES AND OTHER STRUCTURES. REFER TO Ds-4 DISTURBED AREA STABILIZATION (WITH SODDING).
5. IRRIGATION SHOULD BE USED WHEN THE SOIL IS DRY OR WHEN SUMMER PLANTINGS ARE DONE.
6. LOW MAINTENANCE PLANTS, AS WELL AS NATIVES, SHOULD BE USED TO ENSURE LONG LASTING EROSION CONTROL.
7. MOWING SHOULD NOT BE PERFORMED DURING THE QUAIL NESTING SEASON (MAY TO SEPT.) WILDLIFE PLANTINGS SHOULD BE INCLUDED IN CRITICAL AREA PLANTINGS. SEE MANUAL FOR PLANT LIST.

GRADING & SHAPING

GRADING AND SHAPING MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED. VERTICAL BANKS SHALL BE SLOPED TO ENABLE PLANT ESTABLISHMENT. WHEN CONVENTIONAL SEEDING AND FERTILIZING ARE TO BE DONE, GRADE AND SHAPE WHERE FEASIBLE AND PRACTICAL SO THAT EQUIPMENT CAN BE USED SAFELY AND EFFICIENTLY DURING SEEDBED PREPARATION, SEEDING, MULCHING AND MAINTENANCE OF THE VEGETATION. CONCENTRATIONS OF WATER THAT WILL CAUSE EXCESSIVE SOIL EROSION SHALL BE DIVERTED TO A SAFE OUTLET. DIVERSIONS AND OTHER TREATMENT PRACTICES SHALL CONFORM WITH THE APPROPRIATE STANDARDS AND SPECIFICATIONS.

LIME AND FERTILIZER APPLICATION

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WHEN HYDRAULIC SEEDING EQUIPMENT IS USED, THE INITIAL FERTILIZER SHALL BE MIXED WITH SEED, INNOCULANT (IF NEEDED), AND WOOD CELLULOSE OR WOOD PULP FIBER MULCH AND APPLIED IN A SLURRY. THE INNOCULANT, IF NEEDED, SHALL BE MIXED WITH THE SEED PRIOR TO BEING PLACED INTO THE HYDRAULIC SEEDER. THE SLURRY MIXTURE WILL BE AGITATED DURING APPLICATION TO KEEP THE INGREDIENTS THOROUGHLY MIXED. THE MIXTURE WILL BE SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER BEING PLACED IN THE HYDROSEEDER.

FINELY GROUND LIMESTONE WILL BE MIXED WITH WATER AND APPLIED IMMEDIATELY AFTER MULCHING IS COMPLETED OR IN COMBINATION WITH THE TOP DRESSING. WHEN CONVENTIONAL PLANTING IS TO BE DONE, LIME AND FERTILIZER SHALL BE APPLIED UNIFORMLY IN ONE OF THE FOLLOWING WAYS.

1. APPLY BEFORE LAND PREPARATION SO THAT IT WILL BE MIXED WITH THE SOIL DURING SEEDBED PREPARATION.
2. MIX WITH THE SOIL USED TO FILL THE HOLES, DISTRIBUTE IN FURROWS.
3. BROADCAST AFTER STEEP SURFACES ARE SCARIFIED, PITTED OR TRENCHED.
4. A FERTILIZER PELLET SHALL BE PLACED AT ROOT DEPTH IN THE CLOSING HOLE BESIDE EACH TREE SEEDLING.

LIME AND FERTILIZER RATES AND ANALYSIS

AGRICULTURAL LIME IS REQUIRED AT A RATE OF ONE TO TWO TONS PER ACRE UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERMANENT PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.

LIME SPREAD BY CONVENTIONAL EQUIPMENT SHALL BE "GROUND LIMESTONE." GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 90% OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 50% WILL PASS THROUGH A 50-MESH SIEVE AND NOT LESS THAN 25 PERCENT WILL PASS THROUGH A 100-MESH SIEVE.

AGRICULTURAL LIME SPREAD BY HYDRAULIC SEEDING EQUIPMENT SHALL BE "FINELY GROUND LIMESTONE." FINELY GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 98% OF THE MATERIAL WILL PASS THROUGH A 20-MESH SIEVE AND NOT LESS THAN 70% WILL PASS THROUGH A 100-MESH SIEVE.

IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST FLATWOODS MLRA'S. (SEE MANUAL). AGRICULTURAL LIME IS GENERALLY NOT REQUIRED WHERE ONLY TREES ARE PLANTED. INITIAL FERTILIZATION, NITROGEN, TOPDRESSING, AND MAINTENANCE FERTILIZER REQUIREMENTS FOR EACH SPECIES OR COMBINATION OF SPECIES ARE LISTED IN TABLE 6-5.1.

PLANT SELECTION

REFER TO TABLES 6-4.1, 6-5.2, 6-5.3 AND 6-5.4 FOR APPROVED SPECIES. SPECIES NOT LISTED SHALL BE APPROVED BY THE STATE RESOURCE CONSERVATIONIST OF THE NATURAL RESOURCE CONSERVATION SERVICE BEFORE THEY ARE USED. PLANTS SHALL BE SELECTED ON THE BASIS OF SPECIES CHARACTERISTICS, SITE AND SOIL CONDITIONS, PLANNED USE AND MAINTENANCE OF THE AREA; TIME OF YEAR OF PLANTING, METHOD OF PLANTING; AND THE NEEDS AND DESIRES OF THE LAND USER. SOME PERENNIAL SPECIES ARE EASILY ESTABLISHED AND CAN BE PLANTED ALONE. EXAMPLES OF THESE ARE COMMON BERMUDA, TALL FESCUE AND WEEPING LOVEGRASS. OTHER PERENNIALS SUCH AS BAHIA GRASS AND SERICEA LESPEDEZA ARE SLOW TO BECOME ESTABLISHED AND SHOULD BE PLANTED WITH ANOTHER PERENNIAL SPECIES. THE ADDITIONAL SPECIES WILL PROVIDE QUICK COVER AND AMPLE SOIL PROTECTION UNTIL THE TARGET PERENNIAL SPECIES BECOME ESTABLISHED. FOR EXAMPLE COMMON SEEDING COMBINATIONS INCLUDE: WEEPING LOVEGRASS WITH SERICEA LESPEDEZA (SCARIFIED) AND TALL FESCUE WITH SERICEA LESPEDEZA (UNSCARIFIED).

PLANT SELECTION MAY ALSO INCLUDE ANNUAL COMPANION CROPS. ANNUAL COMPANION CROPS SHOULD BE USED ONLY WHEN THE PERENNIAL SPECIES ARE NOT PLANTED DURING THEIR OPTIMUM PLANTING PERIOD. A COMMON MIXTURE IS BROWN TOP MILLET WITH COMMON BERMUDA IN MID-SUMMER. CARE SHOULD BE TAKEN IN SELECTING COMPANION CROP SPECIES AND SEEDING RATES BECAUSE ANNUAL CROPS WILL COMPETE WITH PERENNIAL SPECIES FOR WATER, NUTRIENTS AND GROWING SPACE. A HIGH SEEDING RATE OF THE COMPANION CROP MAY PREVENT THE ESTABLISHMENT OF PERENNIAL SPECIES. RYEGRASS SHALL NOT BE USED IN ANY SEEDING MIXTURES CONTAINING PERENNIAL SPECIES DUE TO ITS ABILITY TO OUT-COMPETE DESIRED SPECIES CHOSEN FOR PERMANENT PERENNIAL COVER.

SEED QUALITY

THE TERM "PURE LIVE SEED" IS USED TO EXPRESS THE QUALITY OF SEED AND IS NOT SHOWN ON THE LABEL. PURE LIVE SEED, PLS, IS EXPRESSED AS A PERCENTAGE OF THE SEEDS THAT ARE PURE AND WILL GERMINATE. INFORMATION ON PERCENT GERMINATION AND PURITY CAN BE FOUND ON SEED TAGS. PLS IS DETERMINED BY MULTIPLYING THE PERCENT OF PURE SEED WITH THE PERCENT OF GERMINATION; I.E., PLS = % GERMINATION x % PURITY

THE PERCENT OF PLS HELPS YOU DETERMINE THE AMOUNT OF SEED YOU NEED. FOR EXAMPLE IF THE SEEDING RATE IS 10 POUNDS PLS AND THE BULK SEED IS 56% PLS,

THE BULK SEEDING RATE IS: $\frac{\text{10 LBS. OF PLS / ACRE}}{\text{56\% PLS}}$ = 17.9 LBS / ACRE

YOU WOULD NEED TO PLANT 17.9 LBS/ACRE TO PROVIDE 10 LBS/ACRE OF PURE LIVE SEED.

SEEDBED PREPARATION

SEEDBED PREPARATION MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED. WHEN CONVENTIONAL SEEDING IS TO BE USED, SEEDBED PREPARATION WILL BE DONE AS FOLLOWS:

BROADCAST PLANTINGS:

1. TILLAGE AT A MINIMUM, SHALL ADEQUATELY LOOSEN THE SOIL TO A DEPTH OF 4 TO 6 IN. ALLEVIATE COMPACTION; INCORPORATE LIME AND FERTILIZER; SMOOTH AND FIRM THE SOIL; ALLOW FOR THE PROPER PLACEMENT OF SEED, SPRIGS, OR PLANTS; AND ALLOW FOR THE ANCHORING OF STRAW OR HAY MULCH IF A DISK IS TO BE USED.
2. TILLAGE MAY BE DONE WITH ANY SUITABLE EQUIPMENT.
3. TILLAGE SHOULD BE DONE ON THE CONTOUR, WHERE FEASIBLE.
4. ON SLOPES TOO STEEP FOR THE SAFE OPERATION OF TILLAGE EQUIPMENT, THE SOIL SURFACE SHALL BE PITTED OR TRENCHED ACROSS THE SLOPE WITH APPROPRIATE HAND TOOLS TO PROVIDE TWO PLACES 6 TO 8 IN. APART IN WHICH SEED MAY LODGE AND GERMINATE. HYDRAULIC SEEDING MAY ALSO BE USED.

INDIVIDUAL PLANTS

1. WHERE INDIVIDUAL PLANTS ARE TO BE SET, THE SOIL SHALL BE PREPARED BY EXCAVATING HOLES, OPENING FURROWS, OR DIBBLE PLANTING.
2. FOR NURSERY STOCK PLANTS, HOLES SHALL BE LARGE ENOUGH TO ACCOMMODATE ROOTS WITHOUT CROWDING.
3. WHERE PINE SEEDLINGS ARE TO BE PLANTED, SUBSOIL UNDER THE ROW 36 INCHES DEEP ON THE CONTOUR FOUR TO SIX MONTHS PRIOR TO PLANTING. SUBSOILING SHOULD BE DONE WHEN THE SOIL IS DRY, PREFERABLY IN AUGUST OR SEPTEMBER.

INNOCULANTS

ALL LEGUME SEED SHALL BE INOCULATED WITH APPROPRIATE NITROGEN-FIXING BACTERIA. THE INNOCULANT SHALL BE A PURE CULTURE PREPARED SPECIFICALLY FOR THE SEED SPECIES AND USED WITHIN THE DATES ON THE CONTAINER. A MIXING MEDIUM RECOMMENDED BY THE MANUFACTURER SHALL BE USED TO BOND THE INNOCULANT TO THE SEED. FOR CONVENTIONAL SEEDING, USE TWICE THE AMOUNT OF INNOCULANT RECOMMENDED BY THE MANUFACTURER. FOR HYDRAULIC SEEDING, FOUR TIMES THE AMOUNT OF INNOCULANT RECOMMENDED BY THE MANUFACTURER SHALL BE USED. ALL INOCULATED SEED SHALL BE PROTECTED FROM THE SUN AND HIGH TEMPERATURES AND SHALL BE PLANTED THE SAME DAY INOCULATED. NO INOCULATED SEED SHALL REMAIN IN THE HYDROSEEDER LONGER THAN ONE HOUR.

PLANTING

HYDRAULIC SEEDING: MIX THE SEED (INOCULATED IF NEEDED), FERTILIZER, AND WOOD CELLULOSE OR WOOD PULP FIBER MULCH WITH WATER AND APPLY IN A SLURRY UNIFORMLY OVER THE AREA TO BE TREATED. APPLY WITHIN ONE HOUR AFTER THE MIXTURE IS MADE.
CONVENTIONAL SEEDING: SEEDING WILL BE DONE ON A FRESHLY PREPARED AND FIRMED SEEDBED. FOR BROADCAST PLANTING, USE A CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER, OTHER MECHANICAL SEEDER, OR HAND SEEDING TO DISTRIBUTE THE SEED UNIFORMLY OVER THE AREA TO BE TREATED. COVER THE SEED LIGHTLY WITH 1/8 TO 1/4 INCH OF SOIL FOR SMALL SEED AND 1/2 TO 1 INCH FOR LARGE SEED WHEN USING A CULTIPACKER OR OTHER SUITABLE EQUIPMENT.
NO-TILL SEEDING: NO-TILL SEEDING IS PERMISSIBLE INTO ANNUAL COVER CROPS WHEN PLANTING IS DONE FOLLOWING MATURITY OF THE COVER CROP OR IF THE TEMPORARY COVER STAND IS SPARSE ENOUGH TO ALLOW ADEQUATE GROWTH OF THE PERMANENT (PERENNIAL) SPECIES. NO TILL SEEDING SHALL BE DONE WITH APPROPRIATE NO-TILL SEEDING EQUIPMENT. THE SEED MUST BE UNIFORMLY DISTRIBUTED AND PLANTED AT THE PROPER DEPTH.
INDIVIDUAL PLANTS: SHRUBS, VINES AND SPRIGS MAY BE PLANTED WITH APPROPRIATE PLANTERS OR HAND TOOLS. PINE TREES SHALL BE PLANTED MANUALLY IN THE SUBSOIL FURROW. EACH PLANT SHALL BE SET IN A MANNER THAT WILL AVOID CROWDING THE ROOTS. NURSERY STOCK PLANTS SHALL BE PLANTED AT THE SAME DEPTH OR SLIGHTLY DEEPER THAN THEY GREW AT THE NURSERY. THE TOPS OF VINES AND SPRIGS MUST BE AT OR SLIGHTLY ABOVE THE GROUND SURFACE. WHERE INDIVIDUAL HOLES ARE DUG, FERTILIZER SHALL BE PLACED IN THE BOTTOM OF THE HOE, TWO INCHES OF SOIL SHALL BE ADDED AND THE PLANT SHALL BE SET IN THE HOLE.

MULCHING

MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER. SELECT THE MULCHING MATERIAL FROM THE FOLLOWING AND APPLY AS INDICATED.

DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. DRY HAY SHALL BE APPLIED AT A RATE OF 2 1/2 TONES PER ACRE.
WOOD CELLULOSE MULCH OR WOOD PULP FIBER SHALL BE USED WITH HYDRAULIC SEEDING. IT SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE. DRY STRAW OR DRY HAY SHALL BE APPLIED (AT THE RATE INDICATED ABOVE) AFTER THE HYDRAULIC SEEDING.
ONE THOUSAND POUNDS OF WOOD CELLULOSE OR WOOD PULP FIBER, WHICH INCLUDES A TACKIFIER, SHALL BE USED WITH HYDRAULIC SEEDING ON SLOPES 4:1 OR STEEPER
SERICEA LESPEDEZA HAY CONTAINING MATURE SEED SHALL BE APPLIED AT A RATE OF THREE TONS PER ACRE.

PINE STRAW OR PINE BARK SHALL BE APPLIED AT A THICKNESS OF 3 INCHES FOR BEDDING PURPOSES OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED. THIS IS NOT APPROPRIATE FOR SEEDED AREAS.
WHEN USING TEMPORARY EROSION CONTROL BLANKETS OR BLOCK SOD, MULCH IS NOT REQUIRED.
BITUMINOUS TREATED ROVING MAY BE APPLIED ON PLANTED AREAS ON SLOPES, IN DITCHES OR DRY WATERWAYS TO PREVENT EROSION. BITUMINOUS TREATED ROVING SHALL BE APPLIED WITHIN 24 HOURS AFTER AN AREA HAS BEEN PLANTED. APPLICATION RATES AND MATERIALS MUST MEET GEORGIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.

WOOD CELLULOSE AND WOOD PULP FIBERS SHALL NOT CONTAIN GERMINATION OR GROWTH INHIBITING FACTORS. THEY SHALL BE EVENLY DISPERSED WHEN AGITATED IN WATER. THE FIBERS SHALL CONTAIN A DYE TO ALLOW VISUAL METERING AND AID IN UNIFORM APPLICATION DURING SEEDING.

APPLYING MULCH

STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY WITHIN 24 HOURS AFTER SEEDING AND/OR PLANTING. THE MULCH MAY BE SPREAD BY BLOWER TYPE SPREADING EQUIPMENT, OTHER SPREADING EQUIPMENT OR BY HAND. MULCH SHALL BE APPLIED TO COVER 75% OF THE SOIL SURFACE. WOOD CELLULOSE OR WOOD FIBER MULCH SHALL BE APPLIED UNIFORMLY WITH HYDRAULIC SEEDING EQUIPMENT.

ANCHORING MULCH

ANCHOR STRAW OR HAY MULCH IMMEDIATELY AFTER APPLICATION BY ONE OF THE FOLLOWING METHODS.:
EMULSIFIED ASPHALT CAN BE (A) SPRAYED UNIFORMLY ONTO THE MULCH AS IT IS EJECTED FROM THE BLOWER MACHINE OR (B) SPRAYED ON THE MULCH IMMEDIATELY FOLLOWING MULCH APPLICATION WHEN STRAW OR HAY IS SPREAD BY METHODS OTHER THAN SPECIAL BLOWER EQUIPMENT. THE COMBINATION OF ASPHALT EMULSION AND WATER SHALL CONSIST OF A HOMOGENEOUS MIXTURE SATISFACTORY FOR SPRAYING. THE MIXTURE SHALL CONSIST OF 100 GALLONS OF WATER PER TON OF MULCH. CARE SHALL BE TAKEN AT ALL TIMES TO PROTECT STATE WATERS, THE PUBLIC, ADJACENT PROPERTY, PAVEMENTS, CURBS, SIDEWALKS AND OTHER STRUCTURES FROM ASPHALT DISCOLORATION. 2. HAY AND STRAW MULCH SHALL BE PRESSED INTO THE SOIL IMMEDIATELY AFTER THE MULCH IS SPREAD. A SPECIAL "PACKER DISK" OR DISK HARROW WITH THE DISKS SET STRAIGHT MAY BE USED. THE DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISKS SHALL BE DULL ENOUGH TO PRESS THE MULCH INTO THE GROUND WITHOUT CUTTING IT, LEAVING MUCH OF IT IN AN ERECT POSITION. MULCH SHALL NOT BE PLOWED INTO THE SOIL. 3. SYNTHETIC TACKIFIERS OR BINDERS APPROVED BY GDOT SHALL BE APPLIED IN CONJUNCTION WITH OR IMMEDIATELY AFTER THE MULCH IS SPREAD. SYNTHETIC TACKIFIERS SHALL BE MIXED AND APPLIED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. REFER TO Tb - TACKIFIERS AND BINDERS. 4. RYE OR WHEAT CAN BE INCLUDED WITH FALL AND WINTER PLANTINGS TO STABILIZE THE MULCH. THEY SHALL BE APPLIED AT A RATE OF ONE-QUARTER TO ONE-HALF BUSHEL PER ACRE. 5. PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH MAY BE NEEDED TO ANCHOR STRAW OR HAY MULCH ON UNSTABLE SOILS AND CONCENTRATED FLOW AREAS. THESE MATERIALS SHALL BE INSTALLED AND ANCHORED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

BEDDING MATERIAL: MULCH USED AS A BEDDING MATERIAL TO CONSERVE MOISTURE AND CONTROL WEEDS IN NURSERIES, ORNAMENTAL BEDS, AROUND SHRUBS, AND ON BARE AREAS ON LAWNS.

MATERIAL	DEPTH
GRAIN STRAW	4" TO 6"
GRASS HAY	4" TO 6"
PINE NEEDLES	3" TO 5"
WOOD WASTE	4" TO 6"

IRRIGATION: IRRIGATION WILL BE APPLIED AT A RATE THAT WILL NOT CAUSE RUNOFF.

TOPDRESSING: WILL BE APPLIED ON ALL TEMPORARY AND PERMANENT (PERENNIAL) SPECIES PLANTED ALONE OR IN MIXTURES WITH OTHER SPECIES. RECOMMENDED RATES OF APPLICATION ARE LISTED IN TABLE 6-5.1

SECOND YEAR AND MAINTENANCE FERTILIZATION: SECOND YEAR FERTILIZER RATES AND MAINTENANCE FERTILIZER RATES ARE LISTED IN TABLE 6-5.1

LIME MAINTENANCE APPLICATION: APPLY ONE TON OF AGRICULTURAL LIME EVERY 4 TO 6 YEARS OR AS INDICATED BY SOIL TESTS. SOIL TESTS CAN BE CONDUCTED TO DETERMINE MORE ACCURATE REQUIREMENTS IF DESIRED.

		ANALYSIS OR EQUIVALENT N-P-K		N TOP DRESSING RATE
1. COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS./AC. 1000 LBS./AC. 400 LBS./AC.	50-100 LBS./AC. 1/ 2/ -- 30
2. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 LBS./AC. 1000 LBS./AC. 400 LBS./AC.	0-50 LBS./AC. 1/ -- --
3. GROUND COVERS	FIRST SECOND MAINTENANCE	10-10-10 10-10-10 10-10-10	1300 LBS./AC. 3/ 1300 LBS./AC. 3/ 1100 LBS./AC.	-- -- --
4. PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING HOLE	--
5. SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10 0-10-10	700 LBS./AC. 700 LBS./AC. 4/	--
6. TEMPORARY COVER CROPS SEEDED ALONE	FIRST	10-10-10	500 LBS./AC.	30 LBS./AC. 5/
7. WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 LBS./AC. 800 LBS./AC. 400 LBS./AC.	50-100 LBS./AC. 2/ 6/ 50-100 LBS./AC. 2/ 30 LBS./AC.
8. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 LBS./AC. 1000 LBS./AC. 400 LBS./AC.	50 LBS./AC. 6/

1/ APPLY IN SPRING FOLLOWING SEEDING.
2/ APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED.
3/ APPLY IN 3 SPLIT APPLICATIONS.
4/ APPLY WHEN PLANTS ARE PRUNED.
5/ APPLY TO GRASS SPECIES ONLY.
6/ APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES.

USE AND MANAGEMENT: MOW SERICEA LESPEDEZA ONLY AFTER FROST TO ENSURE THAT THE SEEDS ARE MATURE. MOW BETWEEN NOVEMBER AND MARCH. BERMUDAGRASS, BAHIAGRASS AND TALL FESCUE MAY BE MOWED AS DESIRED. MAINTAIN AT LEAST 6 INCHES OF TOP GROWTH UNDER ANY USE AND MANAGEMENT. MODERATE USE OF TOP GROWTH IS BENEFICIAL AFTER ESTABLISHMENT. EXCLUDE TRAFFIC UNTIL THE PLANTS ARE WELL ESTABLISHED. BECAUSE OF THE QUAIL NESTING SEASON, MOWING SHOULD NOT TAKE PLACE BETWEEN MAY AND SEPTEMBER.

PLANTS, PLANTING RATES, AND PLANTING DATES

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	PER 1000 sq. ft.	RESOURCE AREA 3/	PLANTING DATES BY RESOURCE AREAS — PLANTING DATES (SOLID LINES INDICATE OPTIMUM DATES, DOTTED LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.) J F M A M J J A S O N D	REMARKS
BAHIA, PENSACOLA (PASPALUM NOTATUM)			P C		166,000 SEED PER POUND. LOW GROWING. SOD FORMING. SLOW TO ESTABLISH. PLANT WITH A COMPANION CROP. WILL SPREAD INTO BERMUDA PASTURES AND LAWNS. MIX WITH SERICEA LESPEDEZA OR WEEPING LOVEGRASS.
ALONE OR WITH TEMPORARY COVER	60 LBS	1.4 LB			
WITH OTHER PERENNIALS	30 LBS	0.7 LB			
BAHIA, WILMINGTON (PASPALUM NOTATUM)			M-L P		SAME AS ABOVE
ALONE OR WITH TEMPORARY COVER	60 LBS	1.4 LB			
WITH OTHER PERENNIALS	30 LBS	0.7 LB			
BERMUDA, COMMON (CYNODON DACTYLON)			P C		1,787,000 SEED PER POUND. QUICK COVER. LOW GROWING AND SOD FORMING. FULL SUN. GOOD FOR ATHLETIC FIELDS.
ALONE	10 LBS	0.2 LB			
WITH OTHER PERENNIALS	6 LBS	0.1 LB			
BERMUDA, COMMON (CYNODON DACTYLON)			P C		
UNHULLED SEED					PLANT WITH WINTER ANNUALS.
WITH TEMPORARY COVER	10 LBS	0.2 LB			PLANT WITH TALL FESCUE.
WITH OTHER PERENNIALS	6 LBS	0.1 LB			
BERMUDA SPRIGS (CYNODON DACTYLON)	40 CU. FT OR SOD PLUGS 3' X 3'	0.9 CU. FT.	M-L		A CUBIC FOOT CONTAINS APPROXIMATELY 650 SPRIGS. A BUSHEL CONTAINS 1.25 CUBIC FEET OR APPROXIMATELY 800 SPRIGS.
COASTAL, COMMON, MIDLAND, OR TIFT 44					
COASTAL, COMMON, OR TIFT 44			P C		SAME AS ABOVE
TIFT 78			C		SOUTHERN COASTAL PLAIN ONLY.
CENTIPEDE (ERMOCHLOA OPHIUROIDES)	BLOCK SOD ONLY		P C		DROUGHT TOLERANT. FULL SUN OR PARTIAL SHADE. EFFECTIVE ADJACENT TO CONCRETE AND IN CONCENTRATED FLOW AREAS. IRRIGATION IS NEEDED UNTIL FULLY ESTABLISHED. DO NOT PLANT NEAR PASTURES. WINTERHARDY AS FAR NORTH AS ATHENS AND ATLANTA.

PLANTS, PLANTING RATES, AND PLANTING DATES

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	PER 1000 sq. ft.	RESOURCE AREA 3/	PLANTING DATES BY RESOURCE AREAS — PLANTING DATES (SOLID LINES INDICATE OPTIMUM DATES, DOTTED LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.) J F M A M J J A S O N D	REMARKS
CROWNVETCH (CORONILLA VARIA) WITH WINTER ANNUALS OR COOL SEASON GRASSES	15 LBS	0.3 LB	M-L P		100,000 SEED PER POUND. DENSE GROWTH. DROUGHT TOLERANT AND FIRE RESISTANT. ATTRACTIVE ROSE, PINK, AND WHITE BLOSSOMS SPRING TO LATE FALL. MIX WITH 30 POUNDS OF TALL FESCUE OR 15 POUNDS OF RYE. INOCULATE SEED WITH M INNOCULANT. USE FROM NORTH ATLANTA AND NORTHWARD.
FESCUE, TALL (FESTUCA ARUNDINACEA)			M-L P		227,000 SEED PER POUND. USE ALONE ONLY ON BETTER SITES. NOT FOR DROUGHTY SOILS. MIX WITH PERENNIAL LESPEDEZAS OR CROWNVETCH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTINGS. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS.
ALONE	50 LBS.	1.1 LB.			
WITH OTHER PERENNIALS	30 LBS.	0.7 LB.			
KUDZU (PUERARIA THUMBERGIANA) PLANTS OR CROWNS	3' - 7'- APART		ALL		RAPID AND VIGOROUS GROWTH. EXCELLENT IN GULLY EROSION CONTROL. WILL CLIMB. GOOD LIVESTOCK FORAGE.
LESPEDEZA SERICEA (LESPEDEZA CUNEATA)					350,000 SEED PER POUND. WIDELY ADAPTED. LOW MAINTENANCE. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, BAHIA, OR TALL FESCUE. TAKES 2 TO 3 YEARS TO BECOME FULLY ESTABLISHED. EXCELLENT ON ROADBANKS. INOCULATE SEED WITH EL INNOCULANT.
SCARIFIED	60 LBS.	1.4 LB.	M-L P C		
UNSCARIFIED	75 LBS.	1.7 LB.	M-L P C		MIX WITH TALL FESCUE OR WINTER ANNUALS.
SEED-BEARING HAY	3 TONS	138 LBS.	M-L P C		CUT WHEN SEED IS MATURE, BUT BEFORE IT SHATTERS. ADD TALL FESCUE OR WINTER ANNUALS.

PLANTS, PLANTING RATES, AND PLANTING DATES

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	PER 1000 SQ. FT.	RESOURCE AREA 3/	PLANTING DATES BY RESOURCE AREAS — PLANTING DATES (SOLID LINES INDICATE OPTIMUM DATES DOTTED LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.) J F M A M J J A S O N D	REMARKS
LESPEDEZA AMBRO VIRGATA (LESPEDEZA VIRGATA DC) OR APPALOW (LESPEDEZA CUNEATA [DUMONT] G. DON)					300,000 SEED PER POUND. HEIGHT OF GROWTH IS 18 TO 24 INCHES. ADVANTAGEOUS IN URBAN AREAS. SPREADING-TYPE GROWTH. NEW GROWTH HAS BRONZE COLORATION. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, BAHIA, TALL FESCUE OR WINTER ANNUALS. DO NOT MIX WITH SERICEA LESPEDEZA. SLOW TO DEVELOP SOLID STANDS. INNOCULATE SEED WITH EL INNOCULANT.
SCARIFIED	60 LBS	1.4 LB	M-L P C		
UNSCARIFIED	75 LBS	1.7 LB	M-L P C		
LESPEDEZA, SHRUB (LESPEDEZA BICOLOR) (LESPEDEZA THUMBERGII) PLANTS	3' X 3'		M-L P C		PROVIDE WILDLIFE FOOD AND COVER
LOVEGRASS, WEEPING (ERAGROSTIS CURVULA)			M-L P C		1,500,000 SEED PER POUND. QUICK COVER. DROUGHT TOLERANT. GROWS WELL WITH SERICEA LESPEDEZA ON ROADBANKS
ALONE	4 LBS	0.1 LB			
WITH OTHER PERENNIALS	2 LBS	0.05 LB			
MAIDENCANE (PANICUM HERMITOMON) SPRIGS	2' X 3' SPACING		ALL		FOR VERY WET SITES. MAY CLOG CHANNELS. DIG SPRIGS FROM LOCAL SOURCES. USE ALONG RIVER BANKS AND SHORELINES.
PANICGRASS, ATLANTIC COASTAL (PANICUM AMARUM VAR. AMARULUM)	20 LBS	0.5 LB	P C		GROWS WELL ON COASTAL SAND DUNES, BORROW AREAS, AND GRAVEL PITS. PROVIDES WINTER COVER FOR WILDLIFE. MIX WITH SERICEA LESPEDEZA EXCEPT ON SAND DUNES
REED CANARY GRASS (PHALARIS ARUNDINACEA)			M-L P		GROWS SIMILAR TO TALL FESCUE
ALONE	50 LBS	1.1 LB			
WITH OTHER PERENNIALS	30 LBS	0.7 LB			
SUNFLOWER 'AZTEC' MAXIMILLIAN (HELIANTHUS MAXIMILIANI)	10 LBS	0.2 LB	M-L P C		227,000 SEED PER POUND. MIX WITH WEEPING LOVEGRASS OR OTHER LOW-GROWING GRASSES OR LEGUMES.

B

A

A1 DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION Ds3

NO SCALE

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS™ GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DATE: | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: | PLOT DATE: 08/22/2019
DESIGNED BY: PIL | DWN BY: MA | CKD BY: | SUBMITTED BY: | FILE NAME: CE501.dwg | SIZE: 22" x 34" | PLOT SCALE: 1:1

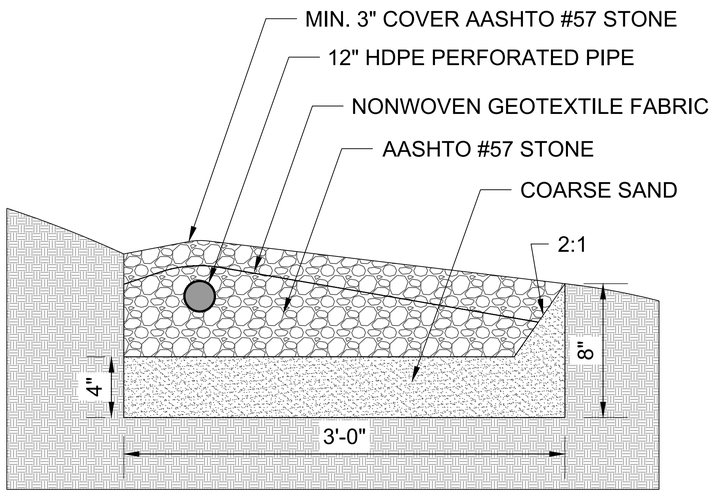
CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 500
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

ES & PC DETAILS

SHEET IDENTIFICATION NUMBER
CE503

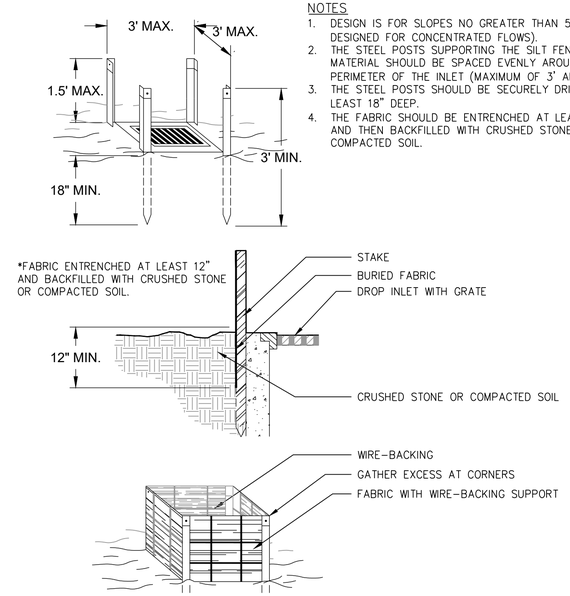


INSPECTION:
THE AREA BELOW A LEVEL SPREADER SHOULD BE INSPECTED FOR CLOGGING, DENSITY OF VEGETATION, DAMAGE BY FOOT OR VEHICULAR TRAFFIC, EXCESSIVE ACCUMULATIONS, AND CHANNELIZATION. INSPECTIONS SHOULD BE MADE ON A QUARTERLY BASIS FOR THE FIRST TWO YEARS FOLLOWING INSTALLATION, AND THEN ON A SEMINANNUAL BASIS THEREAFTER. INSPECTIONS SHOULD ALSO BE MADE AFTER EVERY STORM EVENT GREATER THAN 1-INCH.

C1 PERFORATED PIPE LEVEL SPREADER
NO SCALE

Lv

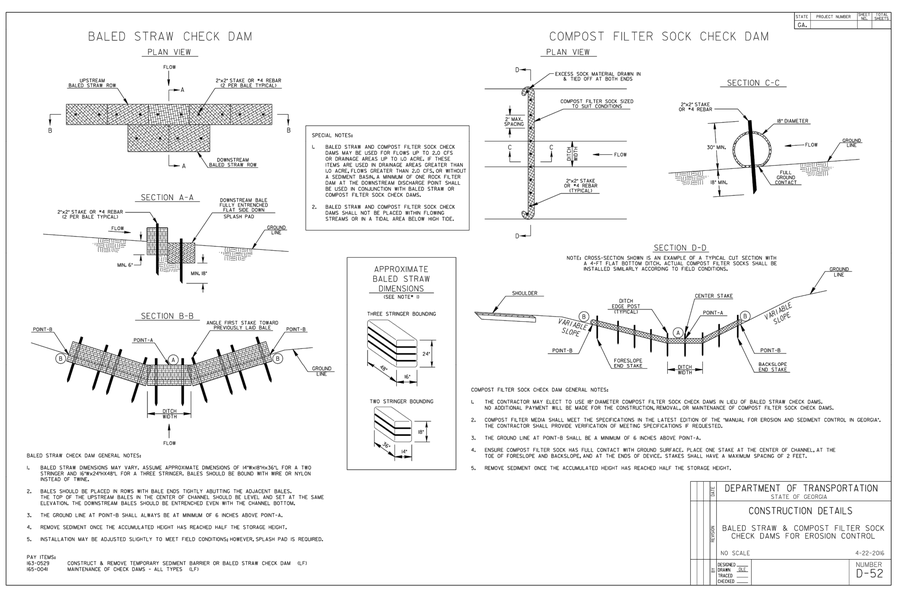
STEEL FRAME AND SILT FENCE INSTALLATION



NOTES
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

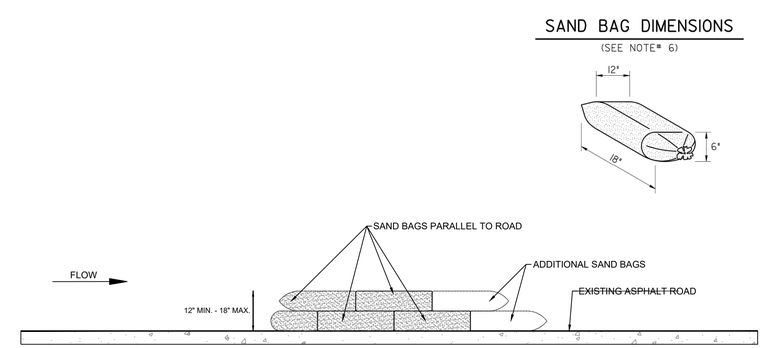
B3 INLET SEDIMENT TRAP: FILTER FABRIC WITH SUPPORTING FRAME
NO SCALE

Sd2-F



A1 CHECK DAM
SCALE: N.T.S.

Cd-Hb



SAND BAG GENERAL NOTES:
1. INSTALL SAND BAGS TIGHTLY ABUTTING EACH OTHER AND STACK IN A RUNNING BOND PATTERN. FOLD ANY FLAPS AWAY FROM WATER FLOW.
2. IF ADDITIONAL SAND BAGS ARE WARRANTED FOR STABILITY. INSTALL AS SHOWN AND DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST.
3. SAND BAG SIZES MAY VARY. ASSUME A FILLED SAND BAG HAS APPROXIMATE DIMENSIONS OF 12"Wx6"Hx18"L.
4. REMOVE SEDIMENT WHEN IT REACHES ONE-HALT THE HEIGHT OF THE SAND BAG. SAND BAGS SHALL BE REPLACED WHEN DAMAGE OR DETERIORATED AT NO ADDITIONAL COST.

A3 COMPOST SOCK

SB

DESIGN PROFESSIONAL:
PEYTON IRL LINGLE, PE
LEVEL II CERTIFICATION No.: 0000077048
EXPIRES: 04/29/2022

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. PE041517 PROFESSIONAL ENGINEER PEYTON IRL LINGLE
08-24-2020
SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: PIL | DATE:
DWN BY: MA | CKD BY: | SOLICITATION NO.:
SUBMITTED BY: | CONTRACT NO.:
FILE NAME: | FILE NUMBER:
SIZE: 22" x 34" | PLOT SCALE: 1:1 | PLOT DATE: 08/22/2019

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SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
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POND
3500 Parkway Lane
Peachtree Corners, GA
30092-2688
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:11906998

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

ES & PC DETAILS

SHEET IDENTIFICATION NUMBER
CE504

FILE PATH: X:\FY19\1190699804.CAD_BIM\04.02.CAD\CE501.DWG PLOTTED BY: LINGLE, PEYTON

GENERAL PLANTING NOTES:

1. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, FREE OF PESTS AND DISEASE.
2. ALL PLANTS SHALL BE CONTAINER-GROWN, OR BALLED AND BURLAPPED AS SPECIFIED.
3. CONTRACTOR'S PRICE SHALL INCLUDE ALL LABOR AND MATERIAL NECESSARY TO COMPLETE THE WORK, I.E. MULCH, PLANTING, SOIL MIX, STAKING MATERIAL, WATERING, MAINTENANCE DURING CONSTRUCTION, ETC.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES SHOWN ON THESE DRAWINGS BEFORE PRICING THE WORK, AND WILL BE RESPONSIBLE FOR INSTALLATION OF PLANT MATERIAL ACCORDING TO PLAN. THE PLANT SCHEDULE IS PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY.
5. THE PLANT CALLOUTS IN LANDSCAPE PLAN SHALL TAKE PRECEDENCE OVER THE PLANT SCHEDULE IF DISCREPANCIES EXIST. ADVISE DESIGN PROFESSIONAL OF ANY DISCREPANCIES. THE CONTRACTOR SHALL BARE RESPONSIBILITY FOR QUANTITIES SHOWN ON PLANS.
6. PROVIDE PLANT MATERIALS TRUE TO SPECIES AND VARIETY COMPLYING WITH RECOMMENDATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1).
7. PLANTING PLANS INDICATE DIAGRAMMATIC LOCATIONS ONLY. SITE ADJUSTMENTS OF PLANTING DESIGN AND RELOCATION OF PLANT MATERIAL INSTALLED PRIOR TO DESIGN PROFESSIONAL OR OWNER'S REPRESENTATIVE'S APPROVAL SHALL BE DONE WITHOUT PENALTY OR ADDITIONAL COST TO OWNER. STAKE PLANT LOCATIONS AT SITE AND OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO PLANT INSTALLATION.
8. LOCATE AND VERIFY ALL UTILITY LOCATIONS AND EXISTING STRUCTURES IN AND AROUND THE SITE PRIOR TO WORK. BE FAMILIAR WITH UNDERGROUND UTILITIES BEFORE DIGGING. MAINTAIN EXISTING UTILITIES AND STRUCTURES AND PROTECT AGAINST DAMAGE DURING THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING UTILITIES, STRUCTURES, PAVING AND/OR WORK OF OTHER TRADES RESULTING FROM LANDSCAPE CONSTRUCTION.
6. THE CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 72 HRS MINIMUM PRIOR TO DIGGING FOR FIELD VERIFICATION OF ALL UNDERGROUND UTILITIES, AND OTHER ELEMENTS, AND COORDINATE WITH THE DESIGN PROFESSIONAL PRIOR TO INITIATING OPERATIONS. THE CONTRACTOR SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF WORK.
7. CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIALS INDICATED ON PLANS TO REMAIN. ALL PLANT MATERIAL INDICATED TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL OR AS REQUIRED BY THE LOCAL REVIEWING AUTHORITY, WHICHEVER HAS A GREATER RECOMPENSE VALUE.
8. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO DATE OF SUBSTANTIAL COMPLETION OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL THE PLANT LIST SPECIFICATIONS.
9. DESIGN PROFESSIONAL OR OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE QUALITY AND ACCEPTABILITY OF MATERIALS AND PLACEMENT.
10. PLANTS SHALL BE SPECIMEN QUALITY, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF DISEASES, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS AND/OR DISFIGUREMENT.
11. PRUNE DEAD, DAMAGED, AND CROSSING BRANCHES. **DO NOT** CUT BRANCH TIPS OR CENTRAL LEADER.
12. HEIGHT AND SPREAD DIMENSIONS SPECIFIED REFER TO THE MAIN BODY OF THE PLANT AND NOT FROM BRANCH TIP TO TIP. IF A RANGE OF SIZE IS GIVEN, NO PLANT SHALL BE LESS THAN THE MINIMUM SIZE AND NOT LESS THAN 50 PERCENT OF THE PLANTS SHALL BE AS LARGE AS THE MAXIMUM SIZE SPECIFIED.
13. HARDWOOD TREES SHALL HAVE STRAIGHT TRUNKS WITH CENTRAL LEADERS, FULL HEADED, AND MEET ALL REQUIREMENTS SPECIFIED. DO NOT HANDLE PLANTS BY THE TRUNK.
14. PLACE PLANTS UPRIGHT AND TURNED SO THAT THE MOST ATTRACTIVE SIDE IS VIEWED.
15. REMOVE ALL STRAPPING, WIRE BASKET, AND BURLAP FROM TOP $\frac{1}{3}$ MINIMUM OF ROOT BALL. CUT ANY GIRDLING ROOTS AND SEPARATE GENTLY AWAY FROM THE TRUNK.
16. PLANTS SHALL BE SET WITH THE TOP OF THE ROOT FLARE AT OR SLIGHTLY ABOVE FINISHED GRADE. THE ROOT FLARE SHALL BE WITHIN ONE INCH ABOVE THE SOIL SURFACE.
17. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
18. THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL SOD/TURF WHICH HAS BEEN REMOVED FOR NEW PLANT BEDS. ANY PLANT STOCK NOT PLANTED ON DAY OF DELIVERY SHALL BE HEELED IN AND WATERED UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED.
19. LEAVES: MUST BE OF MEDIUM FOLIAGE, ALL GOOD LEAVES, MAXIMUM OF 10% CHLOROSIS ALLOWED.
20. IF DRAINAGE IS NOT SUFFICIENT NOTIFY PROJECT OWNER'S REPRESENTATIVE IN WRITING BEFORE INSTALLING THE PLANTS, OTHERWISE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR THE GUARANTEE AND LIVABILITY OF THE PLANT.
21. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFETY MEASURES DURING CONSTRUCTION OPERATIONS TO PROTECT THE PUBLIC ACCORDING TO ALL APPLICABLE CODES AND RECOGNIZED LOCAL PRACTICES
22. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS TO THE DESIGN PROFESSIONAL PRIOR TO STARTING CONSTRUCTION. FOLLOW THE DESIGN PROFESSIONAL'S INSTRUCTIONS ON RESOLVING ANY DISCREPANCIES.
23. UNLESS OTHERWISE SPECIFIED DUE TO SOIL CONDITIONS, SET ROOT FLARE OF ROOTBALL LEVEL WITH SURROUNDING GRADE. ROOT SYSTEM SHALL BE AS SPECIFIED IN PLANT SCHEDULE:
    - A. BALLED AND BURLAPPED: ROOTS MUST BE STURDILY ESTABLISHED IN BALL THAT HAS BEEN TIGHTLY WRAPPED AND SECURELY TIED WITH TWINE OR WIRE, OR PINNED. DO NOT ALLOW REMAINING WIRE TO PROTRUDE INTO MULCH OR TOPSOIL AREAS.
    - B. CONTAINER GROWN: CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING DESIGN PROFESSIONAL OF ROOT BOUND SPECIMENS. REMOVE CONTAINER AND SCARIFY OR SHAVE ROOTBALL AS NEEDED TO REMEDIATE ROOT BOUND CONDITION. PULL SURFACE ROOTS AT TOP OF ROOTBALL OUT IN A DIRECTIONAL PATTERN TO DISCOURAGE CIRCLING ROOTS.
23. STAKING IS ONLY TO BE INSTALLED IN SPECIAL CIRCUMSTANCES AT THE DIRECTION OF THE DESIGN PROFESSIONAL. ANY STAKING MATERIAL MUST BE REMOVED AT THE END OF THE WARRANTY PERIOD. TIES OR STRAPS SHALL HAVE A SMOOTH SURFACE AND BE FLEXIBLE TO ALLOW SOME MOVEMENT OF THE TRUNK WITHOUT DAMAGING THE BARK.
    - A. TREES OVER 2" CAL.: SECURE 2X2 P.T. WOODEN STAKES- MIN. (3) PER TREE, EQUALLY SPACED, WITH POLYPROPYLENE STRAPS AT FIRST BRANCH OR AT $\frac{1}{3}$ HEIGHT OF TREE, WHICHEVER IS HIGHER.
    - B. TREES UNDER 2" CAL.: PROVIDE (4) 2X2 OR 2X4 P.T. WOOD OR METAL FENCE POSTS, SECURE TREE WITH POLYPROPYLENE STRAPS AT $\frac{1}{3}$ HT. OF TREE.

PLANTING SOIL MIX NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL PROVIDE SOIL REPORT.
2. THE LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL; TOPSOIL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
3. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANTING SOIL MIX AND MUST APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY BACKFILLING.
4. THE TYPICAL PLANTING SOIL MIX FOR ON-GRADE PLANTINGS (TREES, SHRUBS & GROUND COVERS) SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS:
    - 60% TOPSOIL (AS SPECIFIED)
    - 40% PREPARED ADDITIVES (BY VOLUME AS FOLLOWS):
        1. 2 PARTS HUMUS AND 1 PART STERILIZED COMPOSTED COW MANURE
        2. 1 PART SHREDDED PINE BARK(BARK PIECES BETWEEN 1/2 INCH AND 2 INCHES IN LENGTH)
        3. COMMERCIAL FERTILIZER AS RECOMMENDED IN SOIL REPORT (CONTRACTOR TO PROVIDE THROUGH LOCAL EXTENSION SERVICE).
        4. LIME AS RECOMMENDED IN SOIL REPORT.
5. PLANTING SOIL MIX FOR PERENNIAL BEDS CONSIST OF TOPSOIL AND THE FOLLOWING SOIL AMENDMENTS BY VOLUME:
    - 50% TOPSOIL (AS SPECIFIED)
    - 25 % HUMUS
    - 15% AGED MULCH (FINGERNAIL SIZED CHIPS - 1/4 INCH MAX.)
    - 5% STERILIZED COMPOSTED COW MANURE
    - 5 % SAND (RIVER OR MASONRY SAND) LIME AT A RATE OF 5 LBS. PER 50 SQ. FEET (ADJUST FOR ALKALINE SOILS)
6. COMPOSITIONS SHALL BE IN GENERAL ACCORDANCE WITH ASTM D5268 "STANDARD SPECIFICATION FOR TOPSOIL USED FOR LANDSCAPING PURPOSES".
7.

WATERING/IRRIGATION NOTES:

1. WATERING AFTER INSTALLATION AND WATER TRANSPORTATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
2. USE OF TREE CAMEL, OOZE TUBES OR TREE GATOR BAGS FOR TREES ARE ACCEPTABLE.
3. IF INSTALLATION OF A PERMANENT IRRIGATION SYSTEM IS NOT PROPOSED. THE CONTRACTOR MAY CHOOSE TO INSTALL A TEMPORARY IRRIGATION SYSTEM IN ORDER TO ESTABLISH INSTALLED PLANT MATERIAL. SUBMIT A PLAN FOR A TEMPORARY SYSTEM TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THE SYSTEM SHALL BE DESIGNED TO PROVIDE FULL AND COMPLETE COVERAGE TO ALL LANDSCAPED AREAS OF THE SITE INDICATED ON THE LANDSCAPE PLAN.
4. ALL MATERIALS USED IN THE DESIGN OF THE TEMPORARY SYSTEM, INCLUDING SPRINKLER HEADS, VALVES, VALVE BOXES, CONTROLLERS, PUMPS, BACKFLOW PREVENTORS, RAIN AND FREEZE SENSORS, DRIP EQUIPMENT, WIRE, ELECTRICAL CONNECTIONS, AND PVC PIPE AND FITTINGS (AS APPLICABLE), SHALL MEET MINIMUM INDUSTRY STANDARDS. MANUFACTURER AND MODEL MUST BE SPECIFIED.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY SYSTEM AFTER SUBSTANTIAL COMPLETION IS OBTAINED.
6. IF PLANTING AREAS ARE NOT IRRIGATED OR IF IRRIGATION IS NOT OPERATING, HAND WATER ROOT BALLS (OR PLANT BEDS FOR GROUNDCOVERS) OF ALL PLANTS TO ASSURE THAT THE ROOTS HAVE ADEQUATE MOISTURE. TEST THE MOISTURE CONTENT IN EACH ROOTBALL TO DETERMINE WATER CONTENT. THE CONTRACTOR SHALL INSTALL ONE SET(2) OF WATERING BAGS FOR EACH TREE TO BE MAINTAINED (AND NOT IRRIGATED) FOR TREE WATERING DURING THE WARRANTY PERIOD. WATERING BAGS SHALL BE REMOVED BETWEEN DECEMBER 1 AND MARCH 1.
7. IF NO TEMPORARY SYSTEM IS PROPOSED, THE CONTRACTOR SHALL DEVELOP A SCHEDULE FOR MANUAL WATERING OF PLANTS.THIS SCHEDULE SHOULD BE INCLUDED IN ANY MAINTENANCE AGREEMENT AND/OR BONDING OF LANDSCAPE MATERIAL AND SHOULD INDICATE THE PARTY RESPONSIBLE FOR PERFORMING THE MANUAL WATERING. THE DURATION OF THE SCHEDULE OF MANUAL WATERING SHOULD BE EQUAL TO THE DURATION OF THE BOND PERIOD OR 12 MONTHS STARTING FROM THE INSTALLATION DATE, WHICHEVER IS GREATER. THE SCHEDULE SHOULD ALSO INDICATE THE AMOUNT OF WATER TO BE APPLIED PER WEEK. THE FOLLOWING IRRIGATION RATES ARE OFFERED AS A GUIDELINE; HOWEVER, THE SUPPLIER OF THE LANDSCAPE MATERIAL SHOULD BE CONSULTED FOR THEIR RECOMMENDATIONS.
    - TREES: SHOULD BE WATERED DAILY FOR MONTH 1, EVERY OTHER DAY FOR MONTHS 2-4, AND WEEKLY FOR MONTHS 5-12. APPLY 8 GALLONS PER 4" CALIPER TREE PER APPLICATION. ADJUST RATE TO LOCAL RAINFALL AMOUNT. (ASSUME 30 GALLONS PER TREE FOR EVERY INCH OF RAINFALL).
    - SHRUBS: SHOULD BE WATERED DAILY FOR MONTH 1, EVERY OTHER DAY FOR MONTHS 2-4, AND WEEKLY FOR MONTHS 5-12. APPLY 1 GALLON PER SHRUB PER APPLICATION. ADJUST RATE TO LOCAL RAINFALL AMOUNT. (ASSUME 2 GALLONS PER SHRUB FOR EVERY INCH OF RAINFALL)
    - TURF: SHOULD RECEIVE 1-INCH OF IRRIGATION PER WEEK APRIL THROUGH SEPTEMBER, 1 /2-INCH OF IRRIGATION OCTOBER THROUGH MARCH. ADJUST RATE TO LOCAL RAINFALL AMOUNT.
    - NATIVE GRASS BEDS: WATER EVERY OTHER DAY FOR THE FIRST MONTH. ONLY CONTINUE WATERING AFTER THAT ONLY DURING EXTENDED OR FORECASTED DRY PERIODS (>14 DAYS), AND THEN, ONLY ONCE PER WEEK.

MULCHING NOTES:

1. MULCH: PROVIDE 3-4" THICKNESS MULCH AT ALL PLANTS AND PLANTING BEDS. UTILIZE SHREDDED, AGED HARDWOOD MULCH. MAXIMUM LENGTH OF ANY INDIVIDUAL COMPONENT SHALL BE TWO INCHES AND A MINIMUM OF 75% OF THE MULCH SHALL PASS THROUGH A 1-INCH SCREEN.
2. MULCH TOP OF ROOT BALLS AND PLANTING BEDS, COVERING THE ENTIRE PLANTING BED AREA. PROVIDE THE FOLLOWING THICKNESS OF MULCH. TOP OF MULCH SHALL BE SMOOTH AND EVEN IN ALL DIRECTIONS.
    - A. TREE, SHRUB, AND GROUNDCOVER PLANTING AREAS: 3-INCH DEPTH CONTINUOUS FROM PLANT TO PLANT. DEPTH IS DEPTH AFTER SETTLING.
    - B. PERENNIAL PLANTING AREAS: 3-INCH DEPTH CONTINUOUS FROM PLANT TO PLANT. DEPTH IS DEPTH AFTER SETTLING.
5. IN NO CASE SHALL MULCH COME IN CONTACT WITH ANY PART OF TRUNK OR ROOT FLARE.KEEP MULCH AT LEAST 5 INCHES FROM THE TREE'S TRUNK.
6. APPLY MULCH AFTER ALL PLANTS HAVE BEEN INSTALLED AND APPROVED.
7. CONTRACTOR SHALL NOT OVER-MULCH PLANTING BEDS WITH EXCESS MULCH. EXCESS MULCH SHALL BE REMOVED AND DISPOSED OF OFF-SITE OR ON-SITE AS APPROVED BY DESIGN PROFESSIONAL.
8. LIFT ALL LEAVES, LOW HANGING STEMS AND OTHER GREEN PORTIONS OF PLANTS OUT OF THE MULCH IF COVERED.
9. MULCH SHALL BE FREE OF GERMINATION-INHIBITING INGREDIENTS AND DYES. SHREDDED MULCH MAY CONTAIN UP TO 50% SHREDDED WOOD MATERIAL. WOOD CHIPS ARE NOT ACCEPTABLE. SHREDDED WOOD WITHIN MULCH SHALL BE AGED A MINIMUM OF ONE YEAR PRIOR TO INSTALLATION. MULCH SHALL BE FREE OF SOIL, ROCKS, AND WEEDS.

PROTECTIONS:

1. THE CONTRACTOR SHALL AVOID DAMAGING EXISTING TREES. DO NOT STORE OR DRIVE HEAVY MATERIALS OVER TREE ROOTS. DO NOT DAMAGE TREE BARK OR BRANCHES.
2. THE CONTRACTOR SHALL KEEP PAVEMENTS, FIXTURES AND BUILDINGS CLEAN AND UNSTAINED. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE PROJECT SITE SHALL BE KEPT CLEAR OF CONSTRUCTION WASTES AND DEBRIS.
3. CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIALS INDICATED ON PLANS TO REMAIN. ALL PLANT MATERIAL INDICATED TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITH THE SAME SIZE, QUALITY, AND TYPE OF PLANT MATERIAL OR AS REQUIRED BY THE LOCAL REVIEWING AUTHORITY, WHICHEVER HAS A GREATER RECOMPENSE VALUE.

MAINTENANCE AND CARE:

1. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE. PLANT MATERIAL SHALL BE PROTECTED AND MAINTAINED UNTIL THE INSTALLATION OF PLANTINGS IS COMPLETE, INSPECTION HAS BEEN MADE AND PLANTING IS ACCEPTED EXCLUSIVE OF THE GUARANTEE.
2. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, MULCHING, REMOVAL OF DEAD MATERIAL PRIOR TO GROWING SEASON, RE-SETTING PLANTS AND PROPER GRADE, AND KEEPING PLANTS IN A PLUMB POSITION. AFTER ACCEPTANCE, THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES. HOWEVER, THE CONTRACTOR SHALL CONTINUE TO BE RESPONSIBLE FOR KEEPING THE TREES PLUMB THROUGHOUT THE GUARANTEE PERIOD.

WARRANTY NOTES:

1. THE CONTRACTOR SHALL COMPLETELY WARRANTY ALL PLANT MATERIAL AS INDICATED BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION. MAINTENANCE WORK SHALL BE PERFORMED UNTIL DATE OF FINAL ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE WARRANTY PERIOD WITHIN TWO GROWING PERIODS (AS DIRECTED BY THE OWNER).
2. INSTALLER AGREES TO REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS, WORKMANSHIP, OR GROWTH WITHIN SPECIFIED WARRANTY PERIOD.
    - A. WARRANTY PERIOD FOR TREES AND SHRUBS: ONE-YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
    - B. WARRANTY PERIOD FOR VINES AND PERENNIALS: ONE-YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
3. PLANTS SHALL BE HEALTHY, FREE OF PESTS AND DISEASE, AND IN FLOURISHING CONDITION AT THE END OF THE WARRANTY PERIOD. PLANTS SHALL BE FREE OF DEAD AND DYING BRANCHES AND BRANCH TIPS, AND SHALL BEAR FOLIAGE OF NORMAL DENSITY, SIZE, AND COLOR FOR THE SPECIES.
4. PLANTS THAT ARE DEAD, DISEASED, INSECT INFESTED, OR NOT IN A VIGOROUS, THRIVING CONDITION, AS DETERMINED BY THE DESIGN PROFESSIONAL DURING OR AT THE END OF THE WARRANTY PERIOD, SHALL BE DEEMED DEFECTIVE. PLANTS THAT HAVE HAD MORE THAN 25% OF THEIR BRANCHES DIE OR REMOVED SHALL BE REPLACED. PLANTS THAT HAVE HAD A MAJOR BRANCH OR SIDE OF THE PLANT REMOVED SUCH THAT CURRENT OR FUTURE AESTHETIC APPEAL OR STRUCTURAL INTEGRITY OF THE PLANT, AS DETERMINED BY THE DESIGN PROFESSIONAL, IS DIMINISHED SHALL BE CONSIDERED DEFECTIVE. PLANT MATERIAL DETERMINED TO BE DEFECTIVE SHALL BE REPLACED WITHOUT COST TO THE OWNER.
    - A. REMOVE DEFECTIVE OR DEAD PLANTS IMMEDIATELY. REPLACE AS SOON AS WEATHER CONDITIONS PERMIT AND WITHIN ONE OF THE SPECIFIED PLANTING PERIODS.
5. REPLACEMENTS SHALL CLOSELY MATCH ADJACENT SPECIMENS OF THE SAME SPECIES. REPLACEMENTS SHALL BE SUBJECT TO ALL REQUIREMENTS STATED IN THIS SPECIFICATION. MAKE ALL NECESSARY REPAIRS DUE TO PLANT REPLACEMENTS. SUCH REPAIRS SHALL BE DONE AT NO EXTRA COST TO THE OWNER.
6. WARRANTY INCLUDES MAINTENANCE INCLUDING, BUT NOT LIMITED TO WATERING, CULTIVATING, WEEDING, PRUNING, REPAIRING, ADJUSTING GUYS AND STAKES, AND PERFORMING OTHER WORK AS ORDERED BY DESIGN PROFESSIONAL UNTIL FINAL ACCEPTANCE.
7. LANDSCAPE BEDS ARE TO REMAIN FREE OF DEBRIS, BROKEN LIMBS, BOTTLES, AND WEEDS WHILE MAINTAINING THE SITE UNTIL FINAL ACCEPTANCE.
8. THE WARRANTY OF ALL REPLACEMENT PLANTS SHALL EXTEND FOR AN ADDITIONAL ONE-YEAR PERIOD FROM THE DATE OF THEIR ACCEPTANCE AFTER REPLACEMENT. IN THE EVENT THAT A REPLACEMENT PLANT IS NOT ACCEPTABLE DURING OR AT THE END OF THE EXTENDED WARRANTY PERIOD, THE OWNER MAY ELECT ONE MORE REPLACEMENT ITEM OR CREDIT FOR EACH ITEM. THESE REPLACEMENT ITEMS ARE NOT PROTECTED UNDER A WARRANTY PERIOD.
9. AT THE END OF THE WARRANTY PERIOD, AND NO LESS THAN FIVE DAYS PRIOR TO FINAL INSPECTION, TREE TIES AND GUYING SHALL BE REMOVED FROM THE SITE. ALL TREES THAT HAVE LEANED SHALL BE STRAIGHTENED

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No.1386 LANDSCAPE ARCHITECT MATTHEW WILDER SEAL
8/24/2020

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW | DATE: 3/16/2020
DWN BY: LL | CKD BY: MW | SOLICITATION NO.:
SUBMITTED BY: MAW | CONTRACT NO.:
FILE NAME: Lp100.dwg | FILE NUMBER:
SIZE: 22" x 34" | PLOT SCALE: 1:1 | PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

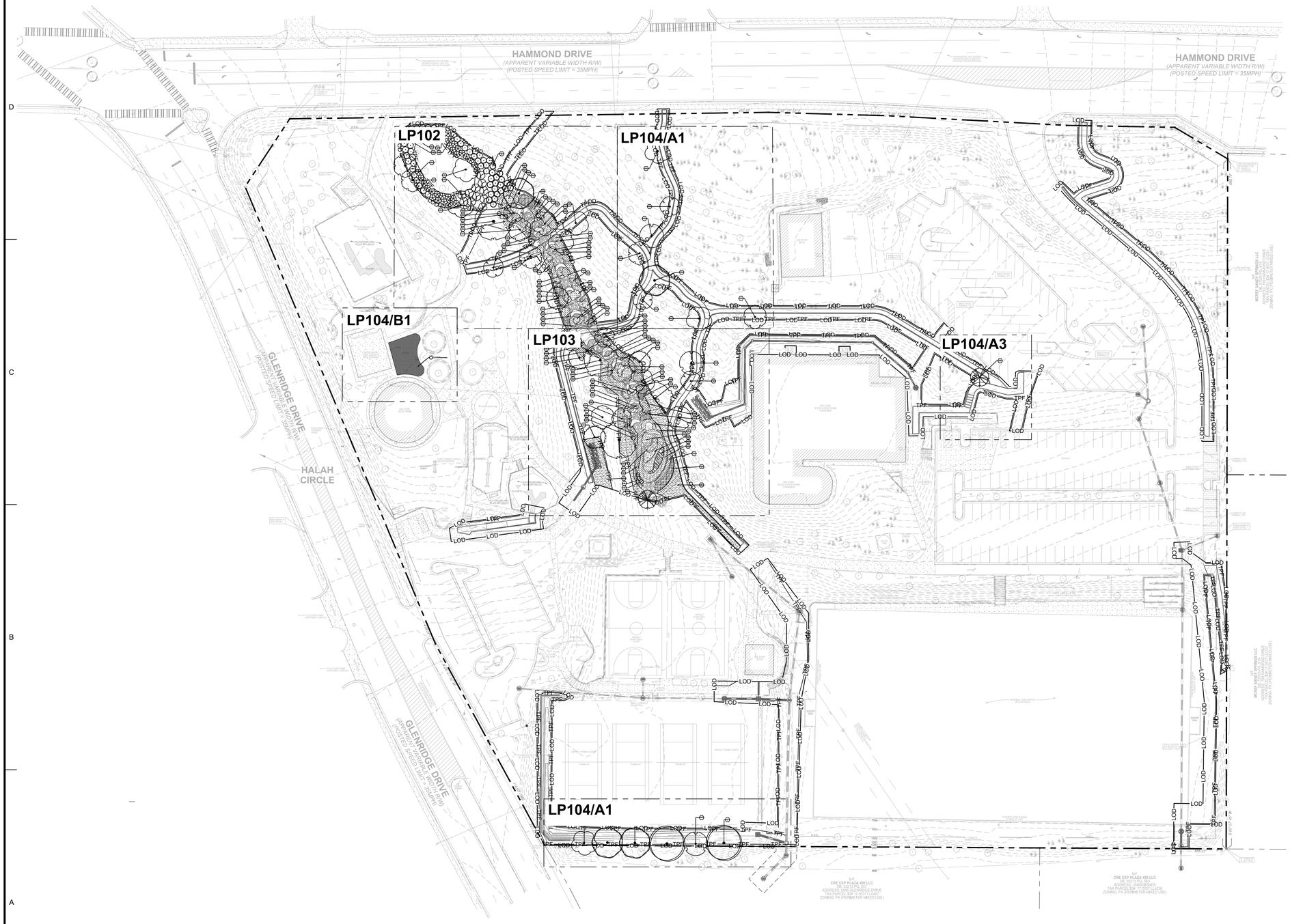
POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 500
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

LANDSCAPE NOTES

SHEET IDENTIFICATION NUMBER
L-001

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN



GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
2. REFER TO LD SERIES FOR TREE REPLACEMENT AND DEMOTION PLANS.
3. REFER TO L-001 FOR LANDSCAPE NOTES AND LP106 FOR PLANT SCHEDULE QUANTITIES
4. REFER TO L-500 SERIES FOR PLANTING AND LANDSCAPE DETAILS.
5. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.

PLANTING NOTES

1. ALL DISTURBED AREAS NOT NOT INDICATED ON THE LANDSCAPE PLAN SHALL RECEIVE PERMANENT VEGETATION PER THE EROSION AND SEDIMENT CONTROL PLANS.

A1 OVERALL TREE PROTECTION & DEMOLITION PLAN

SCALE: 1" = 50'

0 25' 50' 100' 150'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

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SUBMITTED BY: MAW
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CONTRACT NO.:
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SIZE: 22" x 34"
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FILE NAME: LP100.dwg

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SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

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3500 Parkway Lane
Peachtree Corners, GA
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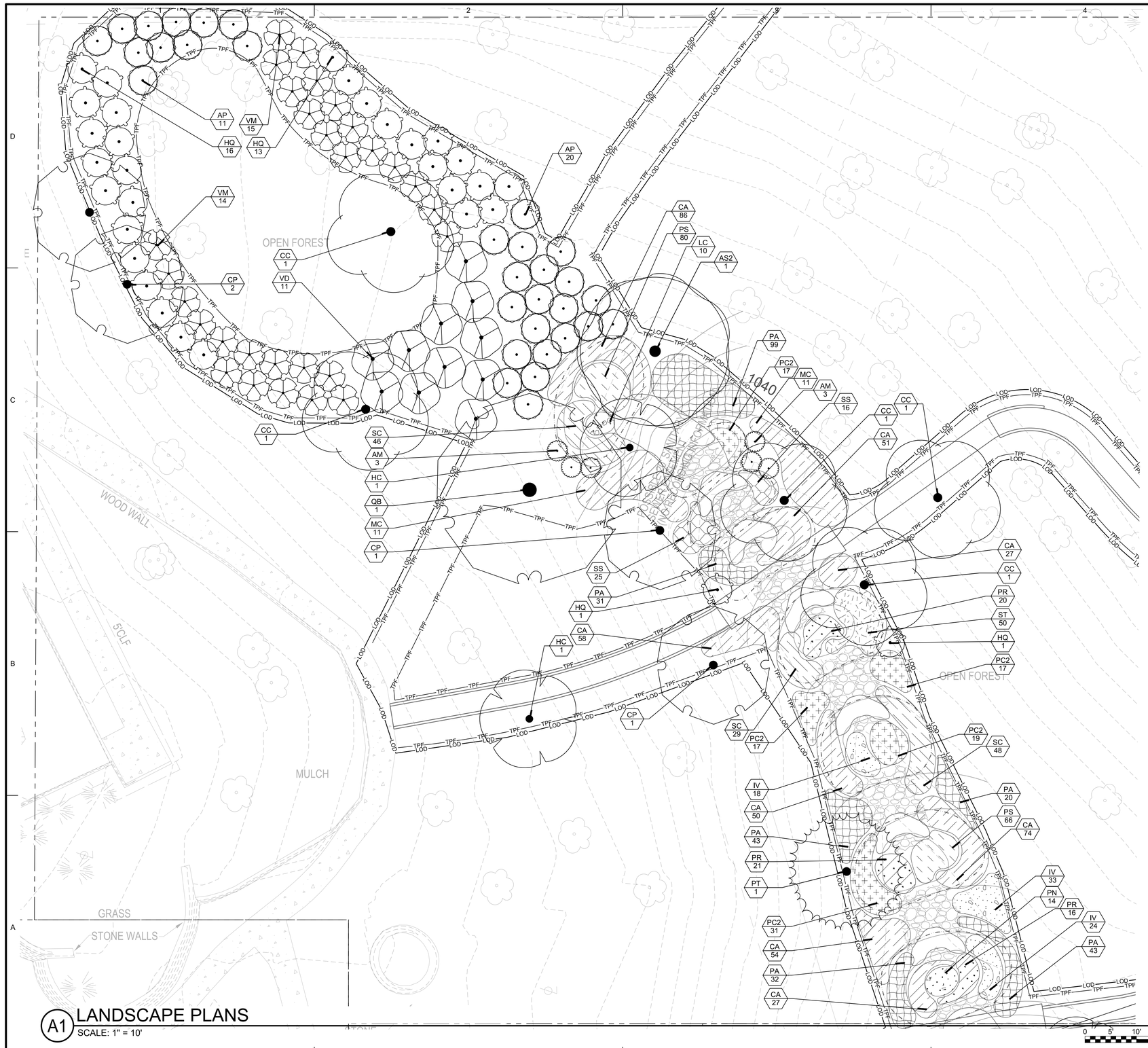
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

OVERALL LANDSCAPE PLAN

SHEET IDENTIFICATION NUMBER
LP101

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN



GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. REFER TO SHEET L-001 FOR LANDSCAPE NOTES.
4. REFER TO SHEET LP106 FOR PLANT SCHEDULE.

A1 LANDSCAPE PLANS
SCALE: 1" = 10'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

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SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: LP100.dwg
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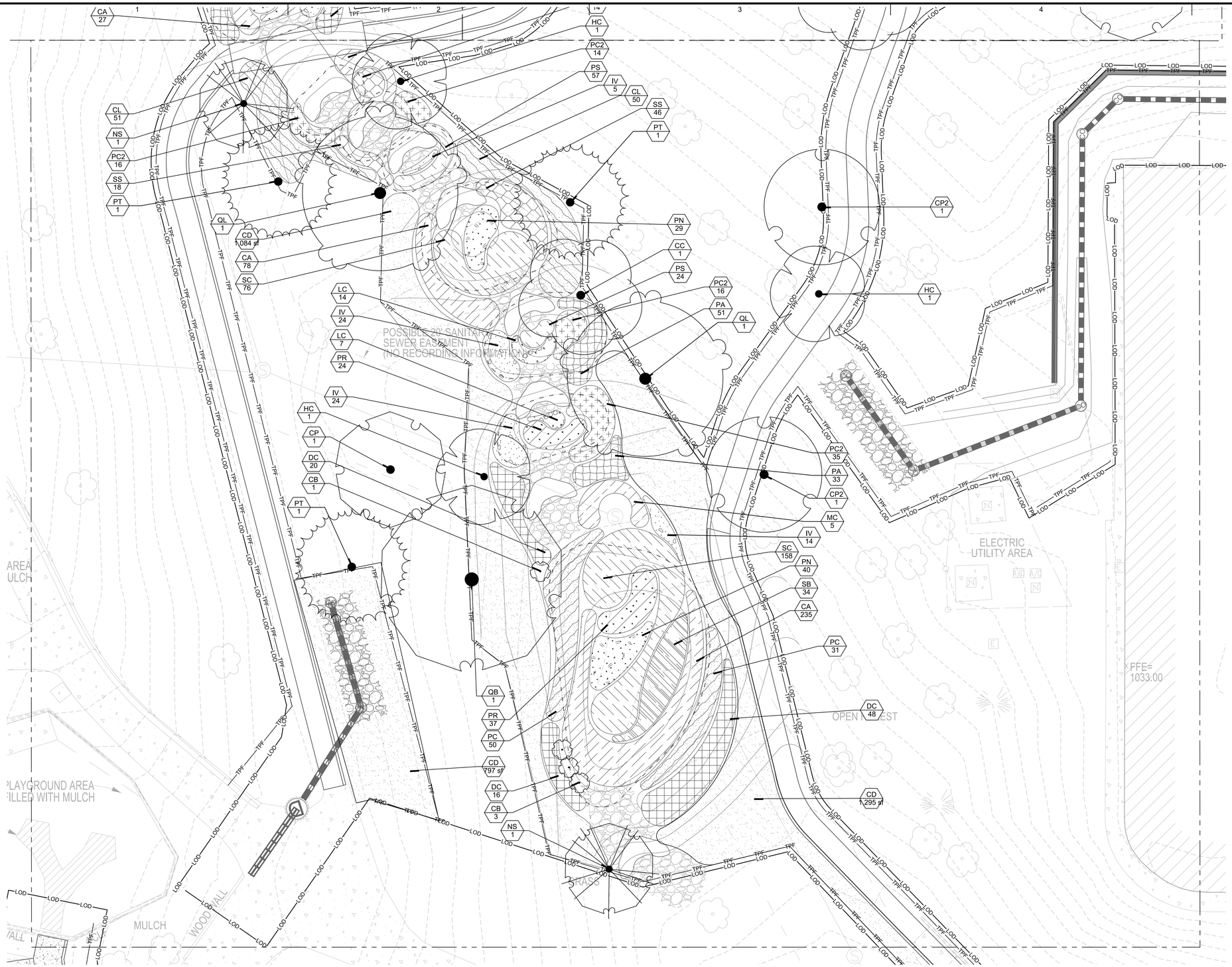
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
LP102

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN



GENERAL SHEET NOTES

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2. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. REFER TO SHEET L-001 FOR LANDSCAPE NOTES.
4. REFER TO SHEET LP106 FOR PLANT SCHEDULE.

A1 LANDSCAPE PLANS

SCALE: 1" = 10'

0 5' 10' 20' 30'

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED LANDSCAPE ARCHITECT No.1386 MATTHEW WILDER

8/24/2020 SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
DWN BY: LL
CKD BY: MW
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FILE NAME: LP100.dwg
SIZE: 22" x 34"
PLOT SCALE: 1:1
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PLOT DATE: 08/24/2020

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SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

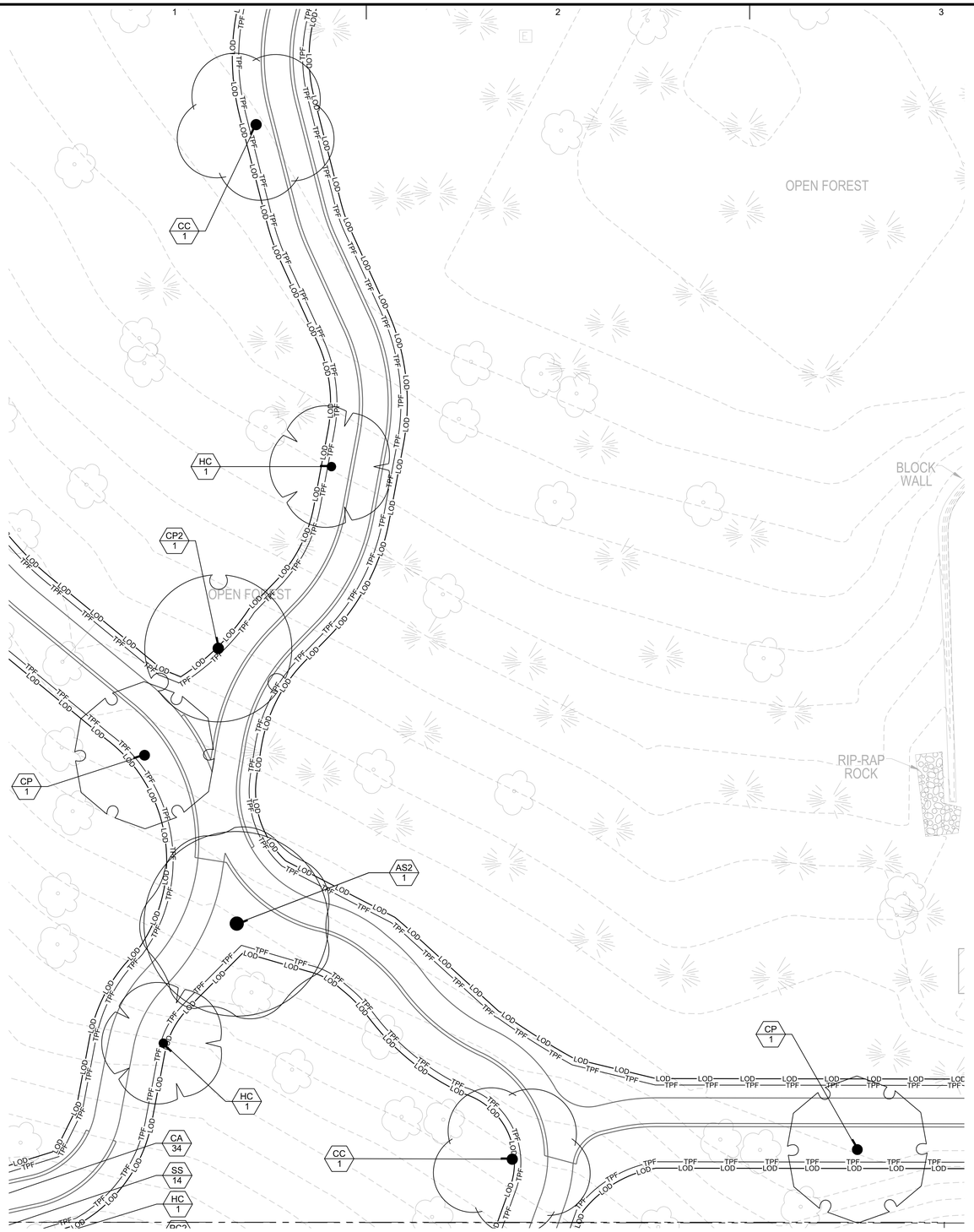
POND
3500 Parkway Lane
Peachtree Corners, GA
30092, Suite 100
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

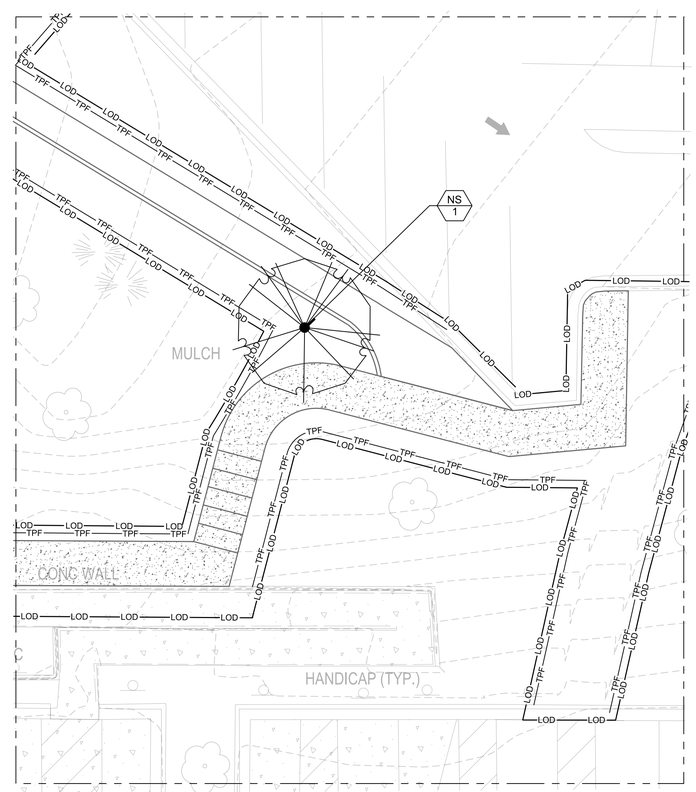
LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
LP103

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN



A1 LANDSCAPE PLANS
SCALE: 1" = 10'



A3 LANDSCAPE PLANS
SCALE: 1" = 10'

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*
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3. REFER TO SHEET L-001 FOR LANDSCAPE NOTES.
4. REFER TO SHEET LP106 FOR PLANT SCHEDULE.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 500, 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.:1190598

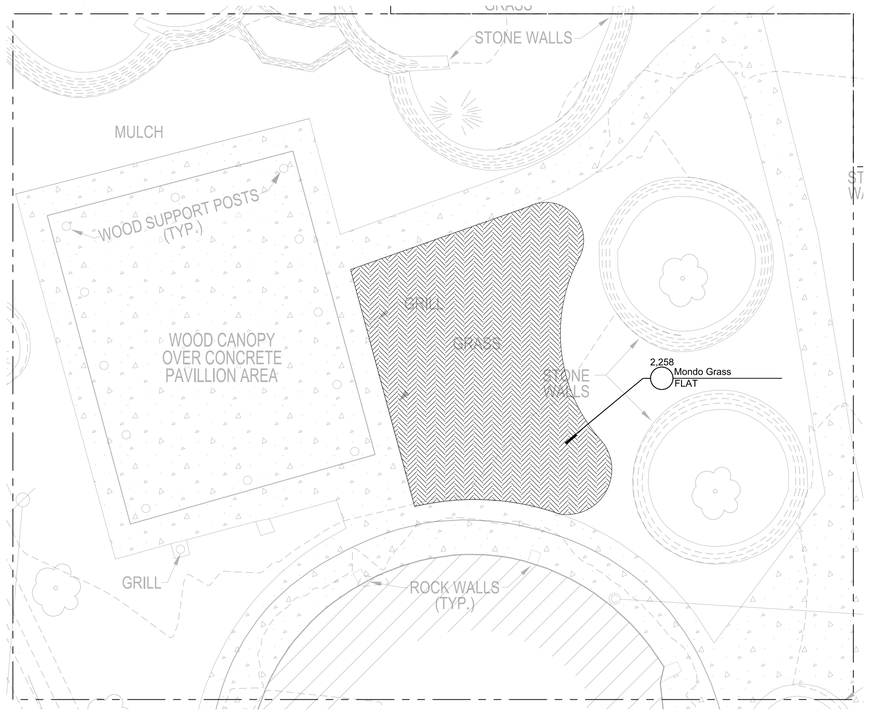
DESIGNED BY: MW	DATE: 3/18/2020
DWN BY: LL	CKD BY: MW
SOLICITATION NO.:	
SUBMITTED BY: MAW	CONTRACT NO.:
FILE NAME: 1190598-L-001.dwg	FILE NUMBER:
SIZE: 22" x 34"	PLOT SCALE: 1:1
PLOT DATE: 08/24/2020	

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
LP104

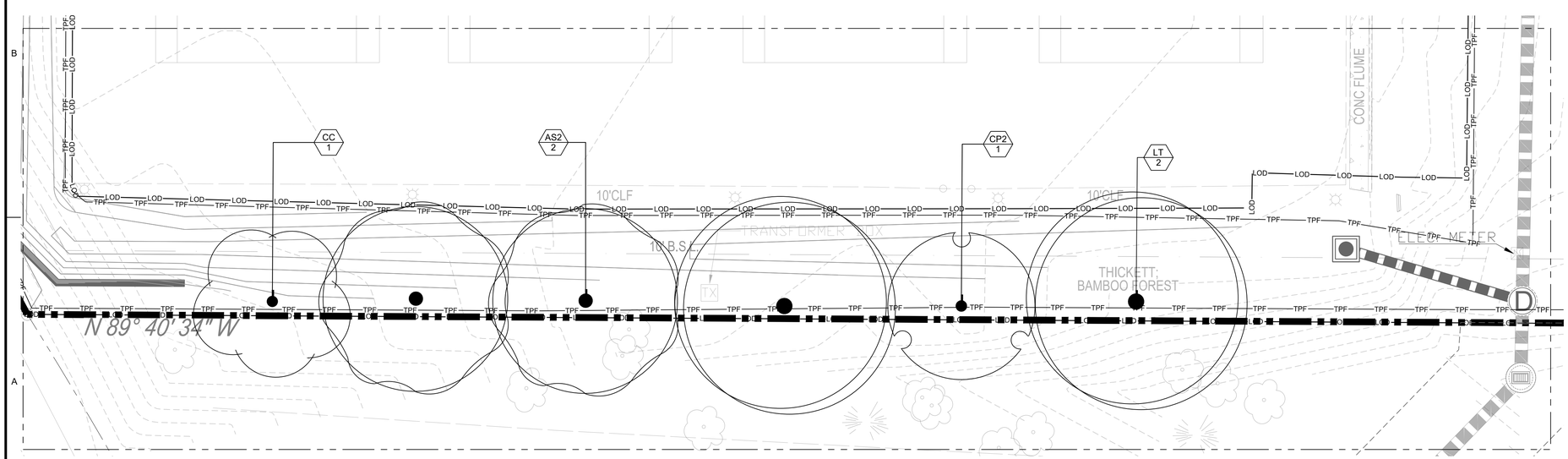
FILE PATH: X:\FY19\1190598\04.CAD_BIM\04.02.CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN



B1 LANDSCAPE PLANS

SCALE: 1" = 10'

0 5' 10' 20' 30'



A1 LANDSCAPE PLANS

SCALE: 1" = 10'

0 5' 10' 20' 30'

GENERAL SHEET NOTES

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3. REFER TO SHEET L-001 FOR LANDSCAPE NOTES.
4. REFER TO SHEET LP106 FOR PLANT SCHEDULE.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER

8/24/2020 SEAL

MARK	DESCRIPTION	DATE	APPR.

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SUBMITTED BY: MAW
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SIZE: 22" x 34"
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CONTRACT NO.:
FILE NUMBER:
PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3900 Parkway Lane
Peachtree Corners, GA
Suite 210, 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

LANDSCAPE PLANS

SHEET IDENTIFICATION NUMBER
LP105

FILE PATH: X:\FY19\1190698\04 CAD_BIM\04 02 CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN

PLANT SCHEDULE 1=20

TREES	QTY	BOTANICAL / COMMON NAME	CONT
AS2	4	ACER SACCHARUM / SUGAR MAPLE	2" CAL. B&B
CP2	4	CARYA GLABRA / PIGNUT HICKORY	2" CAL. B&B
CC	9	CERCIS CANADENSIS / EASTERN REDBUD	2" CAL. B&B
CP	7	CORNUS FLORIDA `CHEROKEE PRINCESS` / CHEROKEE PRINCESS DOGWOOD	2" CAL. B&B
HC	7	HALESIA CAROLINA / SILVERBELL	2" CAL. B&B
LT	2	LIRIODENDRON TULIPIFERA / TULIP TREE	2" CAL. B&B
NS	3	NYSSA SYLVATICA / SOUR GUM	2" CAL. B&B
PT	4	PINUS TAEDA / LOBLOLLY PINE	2" CAL. B&B
QB	2	QUERCUS BICOLOR / SWAMP WHITE OAK	2" CAL. B&B
QL	2	QUERCUS LYRATA / OVERCUP OAK	2" CAL. B&B

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT
AP	31	AESCULUS PARVIFLORA / BOTTLEBRUSH BUCKEYE	#1 CONT.
AM	6	ARONIA MELANOCARPA / CHOKEBERRY	#10 CONT.
CB	4	CALLICARPA AMERICANA / AMERICAN BEAUTYBERRY	3G
HQ	31	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	1G
VM	29	VIBURNUM ACERIFOLIUM / MAPLELEAF VIBURNUM	1G
VD	11	VIBURNUM DENTATUM `ARROWWOOD` / ARROWWOOD VIBURNUM	#1 CONT.

GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	CA	774	CAREX AMPHIBOLA / CREEK SEDGE	4" POT	15" o.c.
	CL	101	CHASMANTHIUM LATIFOLIUM / WOOD OATS	4" POT	24" o.c.
	MC	27	MUHLENBERGIA CAPILLARIS / PINK MUHLY	1G	48" o.c.
	OJ	126	OPHIOPOGON JAPONICUS / MONDO GRASS	FLAT	8" o.c.
	PC2	182	PANICUM VIRGATUM `CAPE BREEZE` / SWITCH GRASS	1G	20" o.c.
	PN	83	PANICUM VIRGATUM `NORTH WIND` / NORTHWIND SWITCH GRASS	1G	18" o.c.
	PR	118	PANICUM VIRGATUM `ROTSTRAHLBUSCH` / ROTSTRAHLBUSCH SWITCH GRASS	1G	18" o.c.
	PS	227	PANICUM VIRGATUM `SQUAW` / SQUAW SWITCH GRASS	1G	12" o.c.
	PA	352	POLYSTICHUM ACROSTICHOIDES / CHRISTMAS FERN	1G	16" o.c.
	SS	119	SCHIZACHYRIUM SCOPARIUM `STANDING OVATION` / LITTLE BLUESTEM GRASS	1G	18" o.c.
	SB	34	SPARTINA BAKERI / SAND CORD GRASS	4" POT	24" o.c.

PERENNIAL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	IV	142	IRIS VIRGINICA / BLUE FLAG IRIS	4" POT	18" o.c.
	LC	31	LOBELIA CARDINALIS / CARDINAL FLOWER	4" POT	18" o.c.

WETLAND SPECIES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	DC	84	DICHROMENA COLORATA / STAR GRASS	4" POT	24" o.c.
	PC	81	PONTEDERIA CORDATA / PICKEREL WEED	4" POT	24" o.c.
	SC	357	SAURURUS CERNUUS / LIZARD`S TAIL	4" POT	18" o.c.
	ST	50	SCHOENOPLECTUS TABERNAEMONTANI / SOFTSTEM BULRUSH	4" POT	18" o.c.

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	CD	3,176 SF	CYNODON DACTYLON / BERMUDA GRASS	SF	

MITIGATION CREDIT REPLACEMENT

SUGAR MAPLE : 1000 CREDIT X 2 TREES
PIGNUT HICKORY 1000 CREDIT X 3 TREES
SOUR GUM: 1000 CREDIT X 4 TREES
LOBLOLLY PINE: 1000 CREDIT X 4 TREES
SWAMP WHITE OAK: 1000 CREDIT X 2 TREES
OVERCUP OAK: 1000 CREDIT X 2 TREES

16,000 SF TOTAL TREE CREDITS REPLACED.
16,000 SF MITIGATION CREDITS REQUIRED.
REPLACEMENT MET.

BOUNDARY TREES CREDIT REPLACEMENT

SUGAR MAPLE : 1000 CREDIT X 2 TREES
PIGNUT HICKORY 1000 CREDIT X 1 TREES
TULIP TREE: 1000 CREDIT X 2 TREES
EASTERN REDBUD: 500 CREDIT X1

5,500 SF TOTAL BOUNDARY CREDITS REPLACED.
5,500 SF BOUNDARY CREDITS REQUIRED.
REPLACEMENT MET.

GENERAL SHEET NOTES

1. REFER TO SHEET CS101 FOR *SITE PLAN NOTES, LEGENDS AND ABBREVIATIONS.*
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. REFER TO SHEET L-001 FOR LANDSCAPE NOTES.

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 1386 LANDSCAPE ARCHITECT MATTHEW WILDER
8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW
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CKD BY: MW
SUBMITTED BY: MAW
DATE: 3/18/2020
SOLICITATION NO.:
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FILE NAME: L-001.dwg
SIZE: 22" x 34"
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SANDY SPRINGS CITY HALL
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SANDY SPRINGS, GA 30328

POND
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30092 SUITE 100
Phone 678.336.2740
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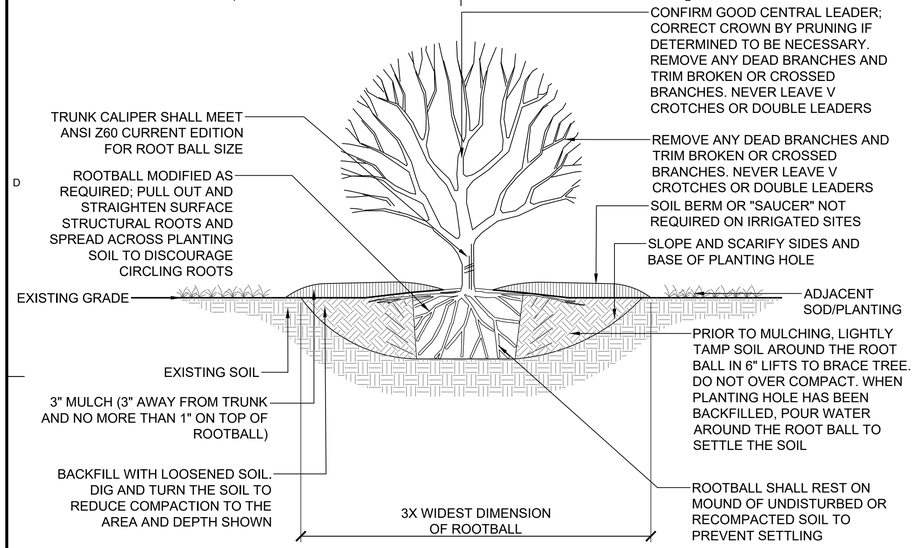
POND PROJECT No. 1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

LANDSCAPE PLANTING SCHEDULE

SHEET IDENTIFICATION NUMBER
LP106

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\LP100.DWG PLOTTED BY: LINNANE, LAUREN

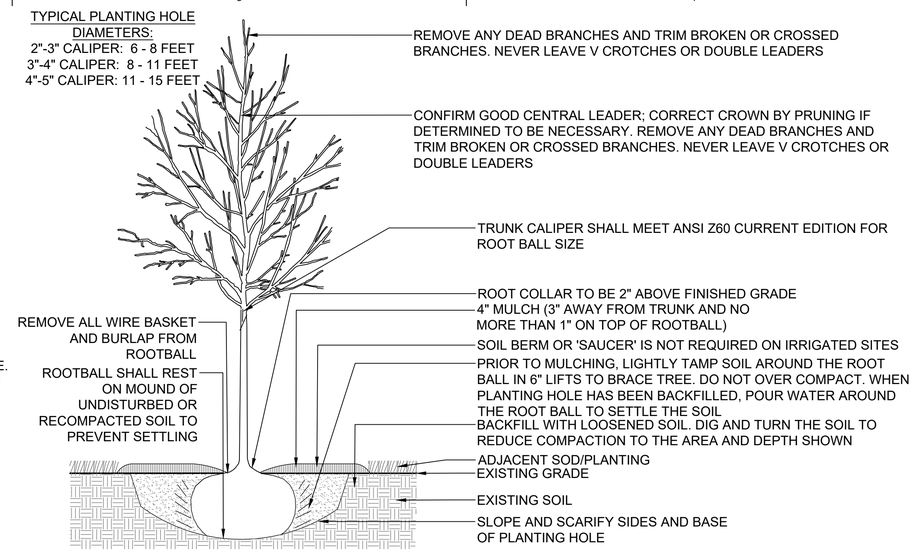


NOTES:

1) SET TOP OF ROOT BALL A MINIMUM OF 2" ABOVE ADJACENT FINISH GRADE AND MOUND BACKFILL FLUSH WITH TOP OF ROOT BALL.
2) REMOVE EXCESS SUBSTRATE/SOIL AND SURFACE ROOTS TO EXPOSE ROOT COLLAR. REMOVE CIRCLING STRUCTURAL ROOTS INTERFERING WITH ROOT COLLAR.
3) SCARIFY ROOT BALL ON ALL SIDES TO ENCOURAGE FEEDER ROOT GROWTH.
4) ROPES AT TOP OF BALL SHALL BE CUT. REMOVE TOP 1/2 OF BURLAP. NON-BIODEGRADABLE MATERIAL SHALL BE TOTALLY REMOVED.

C1 SHRUB AND GRASS PLANTING

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

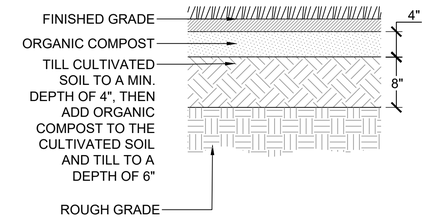


NOTES:

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.

C3 SHRUB AND GRASS PLANTING

SCALE: 1/2" = 1'-0"

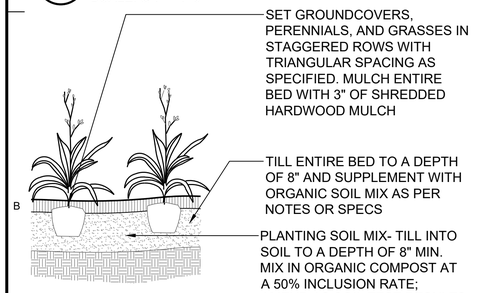


SODDING PROCEDURE:

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 ½" BELOW 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.
7. CULTIVATED SOIL MAY CONSIST OF STOCKPILED TOPSOIL.

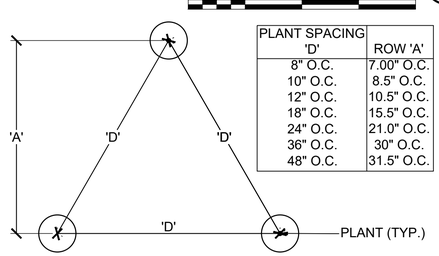
C5 SODDING

SCALE: 1" = 1'-0"



B1 GROUNDCOVER PLANTING

SCALE: 1/2" = 1'-0"

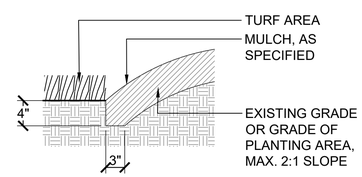


PLANT SPACING 'D'	ROW 'A'
8" O.C.	7.00" O.C.
10" O.C.	8.5" O.C.
12" O.C.	10.5" O.C.
18" O.C.	15.5" O.C.
24" O.C.	21.0" O.C.
36" O.C.	30" O.C.
48" O.C.	31.5" O.C.

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

B2 TYPICAL PLANT SPACING

SCALE: N.T.S.



NOTES:

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).

B3 TRENCH DRAIN

SCALE: 1" = 1'-0"

ISSUED FOR CONSTRUCTION

SANDY SPRINGS GEORGIA

GEORGIA REGISTERED LANDSCAPE ARCHITECT No.1386 MATTHEW WILDER 8/24/2020 EAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: MW | DATE: | DWN BY: LL | CKD BY: MW | SOLICITATION NO.: | SUBMITTED BY: MAW | CONTRACT NO.: | FILE NAME: L-501.dwg | FILE NUMBER: | SIZE: 22" x 34" | PLOT SCALE: 1:1 | PLOT DATE: 08/24/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA
Suite 570 30092
Phone 678.336.7740
Fax 678.336.7744
POND PROJECT No.11906598

HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

LANDSCAPE DETAILS

SHEET IDENTIFICATION NUMBER
L-501

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\L-501.DWG PLOTTED BY: LINNANE, LAUREN

GENERAL STRUCTURAL NOTES:

A. GENERAL:

1. THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS BEFORE THEY ARE PROVIDED TO THE OWNER AND STRUCTURAL ENGINEER. THE CONTRACTOR'S REVIEW SHALL BE DOCUMENTED WITHIN THE SUBMITTAL. THE OWNER AND STRUCTURAL ENGINEER RESERVES THE RIGHT TO REJECT SUBMITTALS THAT HAVE NOT BEEN FIRST REVIEWED BY THE CONTRACTOR. THE ACCURACY AND COMPLETENESS OF THE SUBMITTALS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL ERRORS AND OMISSIONS. IN ADDITION, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION.

2. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE EXPERIENCED AND QUALIFIED TO PERFORM THE TYPE OF CONSTRUCTION REQUIRED TO COMPLETE THE WORK PRESCRIBED BY THE CONTRACT DOCUMENTS. THE CONTRACT DOCUMENTS WERE PREPARED AS A COMPLETE SET OF PROJECT DRAWINGS AND SPECIFICATIONS. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL INFORMATION PROVIDED IN ALL DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IMMEDIATELY OF ANY CONFLICTS, OMISSIONS, OR DISCREPANCIES. THIS COORDINATION SHALL BE PERFORMED BEFORE THE PROCUREMENT OF MATERIALS AND/OR FABRICATION OF ANY PROJECT COMPONENTS.

3. WHERE SECTION IS SHOWN AND DETAILED, OTHER SECTIONS OF SIMILAR CONDITION SHALL BE DETAILED THE SAME OR OPPOSITE HAND, WHETHER SPECIFICALLY NOTED OR NOT.

4. ENGINEER'S APPROVAL MUST BE SECURED FOR ALL SUBSTITUTIONS. SUCH APPROVAL MAY ALSO BE WITHHELD AT THE SOLE DISCRETION OF THE ENGINEER.

5. THE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE 2018 INTERNATIONAL BUILDING CODE (2018 IBC) WITH THE 2020 GEORGIA AMENDMENTS.

B. FOUNDATION:

1. FOUNDATIONS AND EARTH RETAINING STRUCTURES HAVE BEEN DESIGNED FOR AS ASSUMED MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2,000 psf.

2. PRIOR TO PLACING FOUNDATION CONCRETE, AND AFTER COMPACTION OF SUBGRADE, ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND TESTED BY A QUALIFIED GEOTECHNICAL TECHNICIAN. TESTING SHALL INCLUDE IN PLACE DENSITY TESTING, WHICH WILL REQUIRE ESTABLISHING THE OPTIMUM MOISTURE CONTENT OF THE SUBGRADE. IF THE SUBGRADE HAS LESS THAN THE STATED ALLOWABLE BEARING CAPACITY (SEE NOTE12 ABOVE) THE WEAK SUBGRADE SHALL BE REMOVED, RECOMPACTED, AND RETESTED UNTIL IT IS SATISFACTORY AT NO ADDITIONAL COST TO THE OWNER.

C. CAST-IN-PLACE CONCRETE:

1. CAST-IN-PLACE CONCRETE FOR THIS PROJECT SHALL COMPLY WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND COMMENTARY" ACI 318-14 AND ACI 318R-14.

2. CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

COMPRESSIVE STRENGTH @ 28 DAYS	AIR CONTENT	MAX. w/c CONTENT
4,500 psi	6% ± 1.5%	0.45

3. CONCRETE FORMWORK SHALL COMPLY WITH ACI 347, LATEST EDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL FORMWORK.

4. CONTRACTOR SHALL DESIGN, ERECT, SHORE, BRACE, AND MAINTAIN FORMWORK, ACCORDING TO ACI 301, TO SUPPORT VERTICAL, LATERAL, STATIC, DYNAMIC, AND CONSTRUCTION LOADS THAT MIGHT BE APPLIED UNTIL THE WALL CAN SUPPORT SUCH LOADS.

5. DURING AND IMMEDIATELY AFTER PLACING, CONCRETE SHALL BE THOROUGHLY COMPACTED BY SPADING OR MECHANICAL VIBRATING TO PROVIDE DENSE CONCRETE FREE OF HONEY COMBING.

6. DIRECTLY AFTER FORMS HAVE BEEN REMOVED, ALL EXPOSED TIE WIRES AND STAPLED ENDS SHALL BE REMOVED FROM CONCRETE SURFACES TO BE EXPOSED. CUT TIES FLUSH WITH FINISHED SURFACES FOR ALL OTHER CONCRETE. RUB SMOOTH OR CUT OFF FINS AND ROUGH PLACES. REMOVE ALL LOOSE CONCRETE AND OTHER IRREGULARITIES. PATCH AND FILL VOIDS WITH BONDING AGENT AS REQUIRED.

7. PATCH AND FILL VOIDS WITH BONDING AGENT AS REQUIRED.

8. CONCRETE MATERIALS:
   a. AGGREGATES: ASTM C33
   b. COARSE AGGREGATES: ASTM C33, MAX. AGGREGATE SIZE 1"
   c. CEMENT: ASTM C150, TYPE I OR II
   d. FLY ASH: ASTM C618, CLASS F (20% MAX. CEMENTITIOUS)
   e. WATER: POTABLE

8. CHEMICAL ADMIXTURES:
   a. WATER REDUCER: ASTM C494, TYPE A
   b. RETARDER ASTM C94, TYPE B
   c. AIR-ENTRAINER ASTM C260

C. CAST-IN-PLACE CONCRETE (CONTINUED):

9. READY-MIXED CONCRETE: MEASURE, BATCH, MIX, AND DELIVER CONCRETE IN ACCORDANCE WITH ASTM C494. FURNISH BATCH TICKET INFORMATION AT TIME OF DELIVERY.

10. DEPOSIT CONCRETE CONTINUOUSLY IN ONE LAYER. CONCRETE PLACEMENT SHALL COMPLY WITH ACI 304 AND ASTM C94.

11. CONCRETE SHALL BE CURING IN ACCORDANCE WITH ACI 301 AND ACI 306.1 FOR COLD WEATHER PROTECTION OR ACI 305.1 FOR HOT WEATHER PROTECTION.

D. CONCRETE REINFORCEMENT:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615 SUPPLEMENT SI, GRADE 60, OF DOMESTIC MANUFACTURER.

2. REINFORCEMENT SHALL BE FABRICATED TO SHAPES AND DIMENSIONS SHOWN AND SHALL CONFORM TO THE REQUIREMENTS OF CRSI AND ACI 318. REINFORCEMENT SHALL BE COLD BENT UNLESS OTHERWISE AUTHORIZED. BENDING MAY BE ACCOMPLISHED IN THE FIELD OR AT THE MILL. BARS SHALL NOT BE BENT AFTER EMBEDDED IN CONCRETE.

3. REINFORCEMENT SHALL BE FREE FROM LOOSE RUST AND SCALE, DIRT, OIL, OR OTHER DELETERIOUS COATING THAT COULD REDUCE BOND WITH THE CONCRETE.

4. NO SPLICES OF REINFORCEMENT SHALL BE PERMITTED EXCEPT AS DETAILED OR AUTHORIZED. MAKE BARS CONTINUOUS AROUND CORNERS WITH CORNER BARS. WHERE PERMITTED, SPLICES MADE BY CONTACT LAPS SHALL BE CLASS "B" TENSION LAPS.

5. TENSION AND COMPRESSION REINFORCEMENT SPLICES IN CONCRETE SHALL BE MADE AS FOLLOWS:

BAR SIZE	#5	#6	#7	#8
SLICE LENGTH	47"	56"	81"	93"

6. WHERE HOOKS ARE SHOWN, PROVIDE STANDARD 90° HOOKS IN ACCORDANCE WITH CRSI AND ACI 318, UNLESS NOTED OTHERWISE.

7. WHERE REQUIRED, PROVIDE DOWELS TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING FROM FOUNDATION. DOWELS SHALL HAVE STANDARD 90° HOOKS.

8. ALL REINFORCING STEEL AND EMBEDDED ITEMS SUCH AS ANCHOR RODS AND WELD PLATES SHALL BE PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.

9. DETAIL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL-2004," PUBLICATION SP-66, ACI 318, AND ACI 315, OR LATEST EDITIONS.

10. PROVIDE ACCESSORIES NECESSARY TO PROPERLY SUPPORT REINFORCING AT POSITIONS SHOWN ON PLANS.

SCHEDULE OF SPECIAL INSPECTION SERVICES

1705.3 CONCRETE CONSTRUCTION		
MATERIAL / ACTIVITY	SERVICE	EXTENT
1. INSPECTION OF REINFORCING STEEL AND PLACEMENT	SHOP AND FIELD INSPECTION	PERIODIC
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2 ITEM 2b	SHOP AND FIELD INSPECTION	PERIODIC
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED	SHOP AND FIELD INSPECTION	PERIODIC
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS[a]	SHOP AND FIELD INSPECTION	PERIODIC
5. VERIFY USE OF REQUIRED DESIGN MIX	SHOP AND FIELD INSPECTION	PERIODIC
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	SHOP AND FIELD INSPECTION	CONTINUOUS
7. INSPECTION OF CONCRETE FOR PROPER APPLICATION TECHNIQUES	SHOP AND FIELD INSPECTION	CONTINUOUS
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	SHOP AND FIELD INSPECTION	PERIODIC
9. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS FOR THE CONCRETE MEMBER TO BE FORMED	FIELD INSPECTION	PERIODIC

NOTES:

a. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI 355.2 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS		
MATERIAL / ACTIVITY	SERVICE	EXTENT
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	FIELD INSPECTION	PERIODIC
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	FIELD INSPECTION	PERIODIC
3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	FIELD INSPECTION	PERIODIC
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	FIELD INSPECTION	CONTINUOUS
5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	FIELD INSPECTION	PERIODIC

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SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 038653 PROFESSIONAL ENGINEER MARK W. HANSELMAN 4-3-20 SEAL

MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: BN | DATE: 04/03/2020
DWN BY: | CKD BY: | SOLICITATION NO.:
SUBMITTED TO: MWH | SUBMITTED BY: MAW | CONTRACT NO.:
FILE NAME: S-001.dwg | FILE NUMBER:
SIZE: 22" X 34" | PLOT SCALE: 1:1 | PLOT DATE: 04/03/2020

CITY OF SANDY SPRINGS
SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3920 Parkway Lane
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Fax: 678.336.7144
POND PROJECT No.:1190698

HAMMOND PARK
EROSION REPAIRS
& SITE IMPROVEMENTS

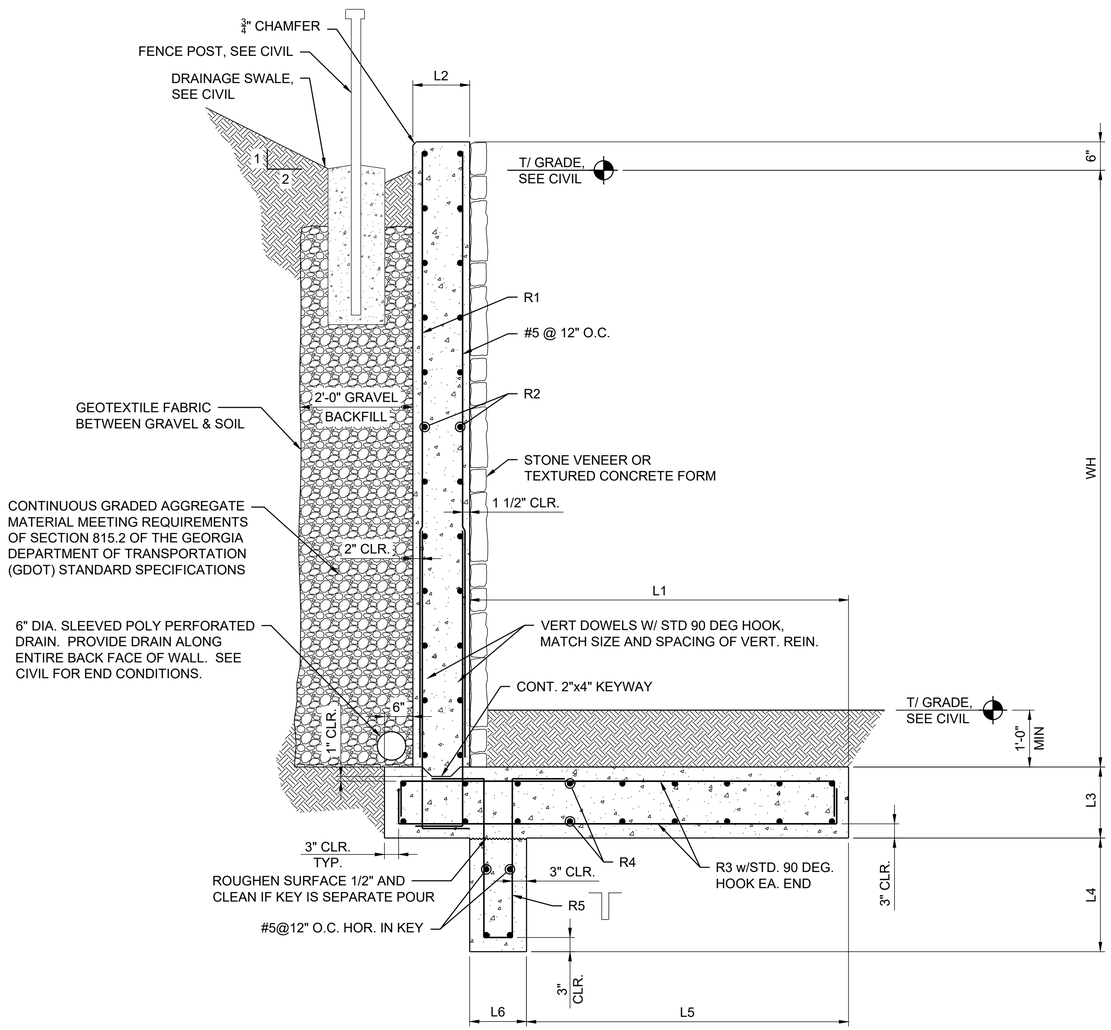
STRUCTURAL NOTES

SHEET IDENTIFICATION NUMBER
S-001

FILE PATH: X:\FY19\1190698\04.CAD_BIM\04.02.CAD\S-001.DWG PLOTTED BY: LINGLE, PEYTON

RETAINING WALL SCHEDULE

WH	DIMENSIONS						REINFORCING				
	L1	L2	L3	L4	L5	L6	R1	R2	R3	R4	R5
11'-0" ≥ WH > 8'-0"	13'-0"	16"	36"	4'-6"	11'-6"	18"	#8 @ 12"	#5 @ 12"	#8 @ 12"	#6 @ 12"	#8 @ 12"
8'-0" ≥ WH > 6'-0"	10'-0"	14"	18"	4'-6"	8'-6"	18"	#6 @ 12"	#5 @ 12"	#8 @ 12"	#5 @ 12"	#6 @ 12"
6'-0" ≥ WH > 4'-0"	6'-0"	12"	16"	2'-0"	5'-0"	16"	#5 @ 12"	#5 @ 12"	#6 @ 12"	#5 @ 12"	#6 @ 12"
4'-0" ≥ WH	4'-0"	12"	16"	2'-0"	3'-0"	16"	#5 @ 12"	#5 @ 12"	#6 @ 12"	#5 @ 12"	#6 @ 12"



1 RETAINING WALL SECTION

SCALE: N.T.S.

NOTES:

1. PROVIDE WALL CONTROL JOINTS WITHIN 7'-0" OF ALL CORNERS AND AT A MAXIMUM OF 25'-0" ON CENTER. SEE DETAIL 4/S-501 FOR WALL CONTROL JOINT DETAIL. PROVIDE EXPANSION JOINTS IN WALLS AT 100'-0" O.C. MAX. SEE DETAIL 5/S-501 FOR EXPANSION JOINT DETAIL.
2. NO JOINTS ARE REQUIRED FOR FOUNDATION.
3. SEE DETAILS 2/S-501 AND 3/S-501 WALL CORNER REINFORCEMENT.
4. SEE CIVIL DRAWINGS FOR WALL LOCATIONS.
5. PLACE STONE VENEER CONTINUOUS THROUGH CONTRACTION JOINTS.
6. PROVIDE JOINT IN VENEER AT EXPANSION JOINTS AND AT OTHER LOCATIONS REQUIRED BY VENEER MANUFACTURER.
7. RETAINING WALL IS NOT DESIGNED FOR VEHICULAR IMPACT. OWNER AND/OR OWNER'S REPRESENTATIVE SHALL PROVIDE SAFETY BARRIER IF PARAPET IS WITHIN MUTCD GUIDELINES FOR IMPACT.
8. PLACE BACKFILL ON FRONT FACE OF WALL BEFORE BACKFILLING BACK FACE OF WALL. BACKFILL SHALL BE IN PLACE FOR FOURTEEN (14) DAYS PRIOR TO PLACING STONE VENEER. DO NOT BACKFILL WALL UNTIL LAST CONCRETE POUR HAS BEEN IN PLACE FOR A MINIMUM OF FOURTEEN (14) DAYS.

NOTES FOR RETAINING WALLS GREATER THAN 10'-0" IN HEIGHT:

1. PRIOR TO CONSTRUCTION, SOIL DESIGN PARAMETERS STATED ON THE COUNTY-APPROVED STRUCTURAL CONSTRUCTION WALL DETAILS INCLUDED BUT NOT LIMITED TO ALLOWABLE SOIL BEARING PRESSURE, EQUIVALENT LATERAL FLUID PRESSURE (ACTIVE AND PASSIVE), INTERNAL ANGLE OF FRICTION, COEFFICIENT OF FRICTION, AND SOIL DENSITY SHALL BE FIELD-VERIFIED BY THE RICHMOND COUNTY APPROVED THIRD PARTY GEOTECHNICAL TESTING FIRM. A CORRESPONDING WRITTEN REPORT SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA AND EMPLOYED BY THE THIRD PARTY GEOTECHNICAL TESTING FIRM SHALL BE SUBMITTED TO CITY OF SANDY SPRINGS CHIEF COMMERCIAL BUILDING INSPECTOR PRIOR TO CONSTRUCTION BEYOND FOOTING INSTALLATION. IN THE EVENT OF CONFLICT BETWEEN FIELD-VERIFIED SOIL PARAMETERS AND THOSE STATED ON THE COUNTRY-APPROVED DETAILS, CONSTRUCTION SHALL NOT PROCEED UNTIL APPROPRIATE DESIGN MODIFICATIONS SUBMITTED BY THE WALL DESIGN ENGINEER-OF-RECORD HAVE BEEN REVIEWED AND AUTHORIZED BY RICHMOND COUNTY BUILDING PLAN REVIEW.
2. PRIOR TO ISSUANCE OF CERTIFICATE OF COMPLETION FOR EACH WALL BY CITY OF SANDY SPRINGS, WRITTEN NOTIFICATION SEALED AND SIGNED BY THE WALL DESIGN ENGINEER-OF-RECORD SHALL BE SUBMITTED TO THE CITY OF SANDY SPRINGS CHIEF COMMERCIAL BUILDING INSPECTOR WHICH ACKNOWLEDGES RECEIPT OF A SOILS INVESTIGATION REPORT BY A CITY OF SANDY SPRINGS APPROVED THIRD PARTY GEOTECHNICAL TESTING FIRM AND WHICH CONFIRMS THAT ALL SOIL PARAMETERS APPLICABLE TO THE DESIGN OF THE WALL ARE CONSISTENT WITH THOSE REPORTED AS FIELD-VERIFIED.
3. THE GEOTECHNICAL TESTING FIRM SELECTED BY THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING THE SUBSURFACE SOIL INVESTIGATION AND FOR VERIFYING THE SOIL DESIGN PARAMETERS SPECIFIED ON THE STRUCTURAL CONSTRUCTION DETAILS FOR EACH RETAINING WALL THAT EXCEEDS 10 FEET IN HEIGHT (FROM TOP OF FOOTING).

SOIL PARAMETERS FOR RETAINING WALL DESIGN:

ALLOWABLE BEARING PRESSURE	=	2,000 psf
BACKFILL SOIL DENSITY, γ	=	120 psf
ACTIVE PRESSURE COEFFICIENT, K_A	=	0.38
PASSIVE PRESSURE COEFFICIENT, K_P	=	3.0
ACTIVE EQUIVALENT FLUID PRESSURE	=	H x γ x K_A (45.6 psf / ft)
PASSIVE EQUIVALENT FLUID PRESSURE	=	H x γ x K_P (360 psf / ft)
INTERNAL ANGLE OF FRICTION, φ	=	30°
COEFFICIENT OF FRICTION, μ	=	0.58
SURCHARGE LOAD	=	200 psf

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SANDY SPRINGS GEORGIA

GEORGIA REGISTERED No. 038653 PROFESSIONAL ENGINEER MARK W. HANSELMAN 4-3-20

SEAL

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SANDY SPRINGS CITY HALL
1 GALAMBOS WAY
SANDY SPRINGS, GA 30328

POND
3500 Parkway Lane
Peachtree Corners, GA 30092, SUITE 500
Phone: 678.336.7100
Fax: 678.336.7144
POND PROJECT No.:1190698

DESIGNED BY: BN
DWN BY: TYLER REAL
CKD BY: MWH
SUBMITTED BY: MAW
DATE: 04/03/2020
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CONTRACT NO.:
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FILE NAME: S-401.dwg
PLOT SCALE: 1:1
SIZE: 22" x 34"
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HAMMOND PARK EROSION REPAIRS & SITE IMPROVEMENTS

RETAINING WALL DETAILS

SHEET IDENTIFICATION NUMBER

S-401

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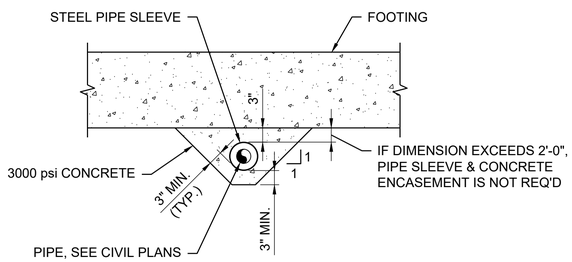
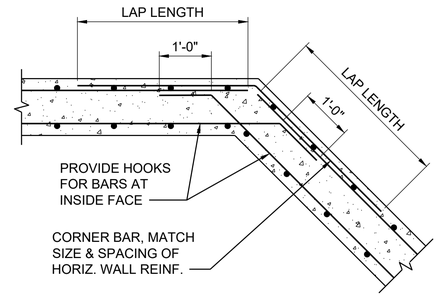


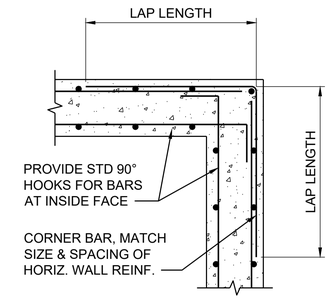
1 TYPICAL PIPE UNDER FOOTING

SCALE: N.T.S.



2 WALL CORNER REINFORCEMENT GREATER THAN 90°

SCALE: N.T.S.

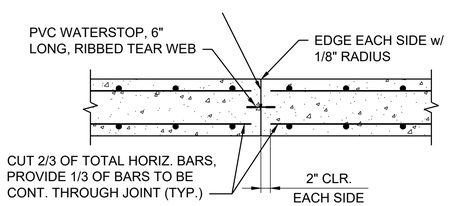


3 WALL CORNER REINFORCEMENT - 90°

SCALE: N.T.S.

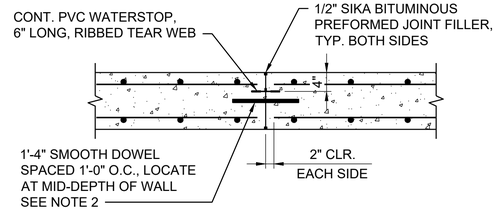
NOTES:

1. ALL EXPANSION JOINTS SHALL BE SPACED AT 100' O.C. MAX.
2. LIGHTLY GREASE ONE END TO PREVENT BONDING TO CONCRETE. DOWELS SHALL BE SUPPORTED SO THEY WILL REMAIN PARALLEL IN BOTH HORIZONTAL AND VERTICAL PLANES.



4 WALL CONTROL JOINT

SCALE: N.T.S.



5 WALL EXPANSION JOINT

SCALE: N.T.S.

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GEORGIA REGISTERED No. 038653 PROFESSIONAL ENGINEER MARK W. HANSELMAN 9-3-20 SEAL

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TYPICAL RETAINING WALL DETAILS

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