

LEGEND

IP.S.	IRON PIN SET (1/2" REBAR)
IP.F.	IRON PIN FOUND
CM.F.	CONCRETE MONUMENT FOUND
O.T.P.	OPEN TOP PIPE
B.M.	BENCHMARK
T.B.M.	TEMPORARY BENCHMARK
C.T.P.	CRIMP TOP PIPE
M.T.	MARKED TREE
D.H.	DRILL HOLE
L.L.L.	LAND LOT LINE
E	PROPERTY LINE
C.L.	CENTERLINE
R/W	RIGHT-OF-WAY
S.S.E.	SANITARY SEWER EASEMENT
D.E.	DRAINAGE EASEMENT
C.&G.	CURB & GUTTER
B.O.C.	BACK OF CURB
T.O.C.	TOP OF CURB
G.M.D.	GEORGIA MILITIA DISTRICT
P.B./P.C.	PLAT BOOK/PAGE
D.B./P.C.	DEED BOOK/PAGE
P.O.B.	POINT OF BEGINNING
T.P.O.B.	TRUE POINT OF BEGINNING
ELEV.	ELEVATION
I.E.	INVERT ELEVATION
F.F.E.	FINISHED FLOOR ELEVATION
E.P.	EDGE OF PAVEMENT
A.S.P.	ALUMINIZED STEEL PIPE TYPE 2
R.C.P.	REINFORCED CONCRETE PIPE
D.I.P.	DUCTILE IRON PIPE
P.V.C.	POLYVINYLCHLORIDE PIPE
V.C.P.	VITRIFIED CLAY PIPE
L.P.	LIGHT POLE
P.P.	POWER POLE OR UTILITY POLE
M.H.	MANHOLE
S.W.C.B.	SINGLE WING CATCH BASIN
D.W.C.B.	DOUBLE WING CATCH BASIN
J.B.	JUNCTION BOX
O.S.	OUTLET STRUCTURE
FES	FLARED END SECTION
H.W.	HEADWALL
D.I.	DROP INLET
G.I.	GRATE INLET
F.I.	FIRE IRONRANT
W.V.	WATER VALVE
W.M.	WATER METER
G.V.	GAS VALVE
+941.2	EXISTING GROUND ELEVATION
910	PROPOSED GROUND ELEVATION
910	EXISTING CONTOUR ELEVATION
910	PROPOSED CONTOUR ELEVATION
P.W.	POWERLINE
T.F.	TREE PROTECTION FENCE
CRZ	CRITICAL ROOT ZONE
U.T.	UNDERGROUND TELEPHONE LINE
G.	GAS LINE
C.T.V.	CABLE T.V. LINE
U.C.T.V.	UNDERGROUND CABLE T.V. LINE
S	SANITARY SEWER LINE
W	WATER LINE / PIPE
F	FENCE LINE
B/C/S	BRANCH/CREEK/STREAM CENTERLINE
D/C	DITCH / DRAIN CENTERLINE
F.H.Z.	FLOOD HAZARD ZONE LIMITS
T	TREE
L.A.	LIMITED ACCESS
ST.	STATION
N/F	NOW OR FORMERLY
T.B.L.	TEST BORING LOCATION
W.E.	WATER LINE EASEMENT

DRAINAGE NOTES:

- UNLESS OTHERWISE SPECIFICALLY SET FORTH HEREIN OR IN THE TOWN OF BRASELTON STANDARD DRAWINGS, ALL OF THE MATERIALS, METHODS OF CONSTRUCTION, AND WORKMANSHIP FOR THE WORK COVERED SHALL CONFORM TO THE MOST RECENT STANDARD SPECIFICATIONS OF THE GEORGIA DOT.
- DRAINAGE STRUCTURES MAY BE PRE-CAST OR CAST IN PLACE UNLESS NOTED OTHERWISE.
- ALL PIPE STRUCTURES SHALL BE PLACED ON STABLE EARTH OR FINE GRANULAR FOUNDATION.
- ALL ASP PIPE TO BE ALUMINIZED STEEL TYPE 2.
- ALL STORM DRAINAGE PIPE WITHIN COUNTY RIGHT-OF-WAY SHALL BE REINFORCED CONCRETE PIPE.
- GRATES WITH BARS SHALL BE PERPENDICULAR TO THE ROAD.
- THE THROAT OF THE CURB INLETS SHALL NOT EXCEED 8 INCHES.

GRADING NOTES:

- MAXIMUM CUT/FILL SLOPE SHALL NOT EXCEED 2H:1V.
- ELEVATIONS ARE BASED ON MEAN SEA LEVEL.
- EXISTING CONTOUR INTERVALS ARE 2 FOOT. PROPOSED CONTOUR INTERVALS ARE 2 FOOT WITH ONE FOOT INTERVALS IN PARKING AREA.
- EARTHWORK OPERATIONS SHALL COMPLY WITH REQUIREMENTS OF OSHA CONSTRUCTION STANDARDS, PART 1926, SUBPART P, EXCAVATIONS, TRENCHING, AND SHORING, AND SUBPART O, MOTOR VEHICLES, MECHANIZED EQUIPMENT, AND MARINE OPERATIONS, AND SHALL BE CONDUCTED IN A MANNER ACCEPTABLE TO ENGINEER.

PAVING NOTES:

- ALL GRADING, PAVING, CURBING, UTILITY TRENCHING, AND WORK WITHIN THE ROADWAY RIGHT-OF-WAY SHALL CONFORM TO THE SPECIFICATIONS SET FORTH IN THE TOWN OF BRASELTON DEVELOPMENT REGULATIONS, LATEST EDITION.
- AFTER THE EARTHWORK HAS BEEN COMPLETED, AND ALL STORM DRAINAGE AND OTHER UTILITIES HAVE BEEN INSTALLED UNDER THE ROAD BED, AND AFTER THE BACKFILL IN SUCH DITCHES HAS BEEN THOROUGHLY COMPACTED, THE SUB GRADE SHALL BE BROUGHT TO THE LINES, GRADES, AND CROSS-SECTIONS SHOWN ON THE PLANS. THIS WORK SHALL CONSIST OF THE PLACING, MIXING, COMPACTING AND SHAPING OF THE TOP 6 INCHES OF THE ROADBED IN BOTH EXCAVATION AND EMBANKMENT AREAS, UNLESS OTHERWISE INDICATED ON THE PLANS. THIS WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION 209 - SUB GRADE CONSTRUCTION - GEORGIA DOT.
- PRE-FORMED EXPANSION JOINT MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 833.01 AND SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 442 - GEORGIA DOT.
- CURB AND GUTTER IS TO BE CONSTRUCTED WITH EXPANSION JOINTS LOCATED AT STRUCTURES AND CURB RETURNS. THE DISTANCE BETWEEN EXPANSION JOINTS SHALL NOT EXCEED 40 FEET. CONTRACTION JOINTS SHALL BE LOCATED EVERY 10 FEET.
- PORTLAND CEMENT CONCRETE IS TO BE MIXED AND PLACED IN ACCORDANCE WITH ACI STANDARD 318, LATEST EDITION.
- CURBING SHALL BE OF THE CROSS-SECTION ON THE PLANS AND SHALL BE SET TRUE TO LINE AND GRADE BY SKILLED WORKMEN.

WALL NOTE:

PRIOR TO CONSTRUCTION, SOIL DESIGN PARAMETERS STATED ON THE CONSTRUCTION WALL DETAILS INCLUDING BUT NOT LIMITED TO ALLOWABLE SOIL BEARING PRESSURE, INTERNAL ANGLE OF FRICTION, COEFFICIENT OF FRICTION, AND SOIL DENSITY SHALL BE FIELD-VERIFIED BY A GEOTECHNICAL FIRM. A CORRESPONDING WRITTEN REPORT WITH THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA AND EMPLOYED BY THE GEOTECHNICAL FIRM FIELD VERIFYING THE SOIL DESIGN PARAMETERS SHALL BE SUBMITTED TO THE TOWN OF BRASELTON BUILDING INSPECTOR PRIOR TO CONSTRUCTION OF THE WALL. IF THERE IS A DISCREPANCY BETWEEN FIELD-VERIFIED SOIL PARAMETERS AND THOSE SPECIFIED ON THE CONSTRUCTION PLAN, CONSTRUCTION SHALL NOT PROCEED UNTIL APPLICABLE DESIGN MODIFICATIONS HAVE BEEN SUBMITTED BY THE WALL DESIGN ENGINEER OF RECORD AND HAVE BEEN REVIEWED BY TOWN OF BRASELTON.

CONTROL POINT #107

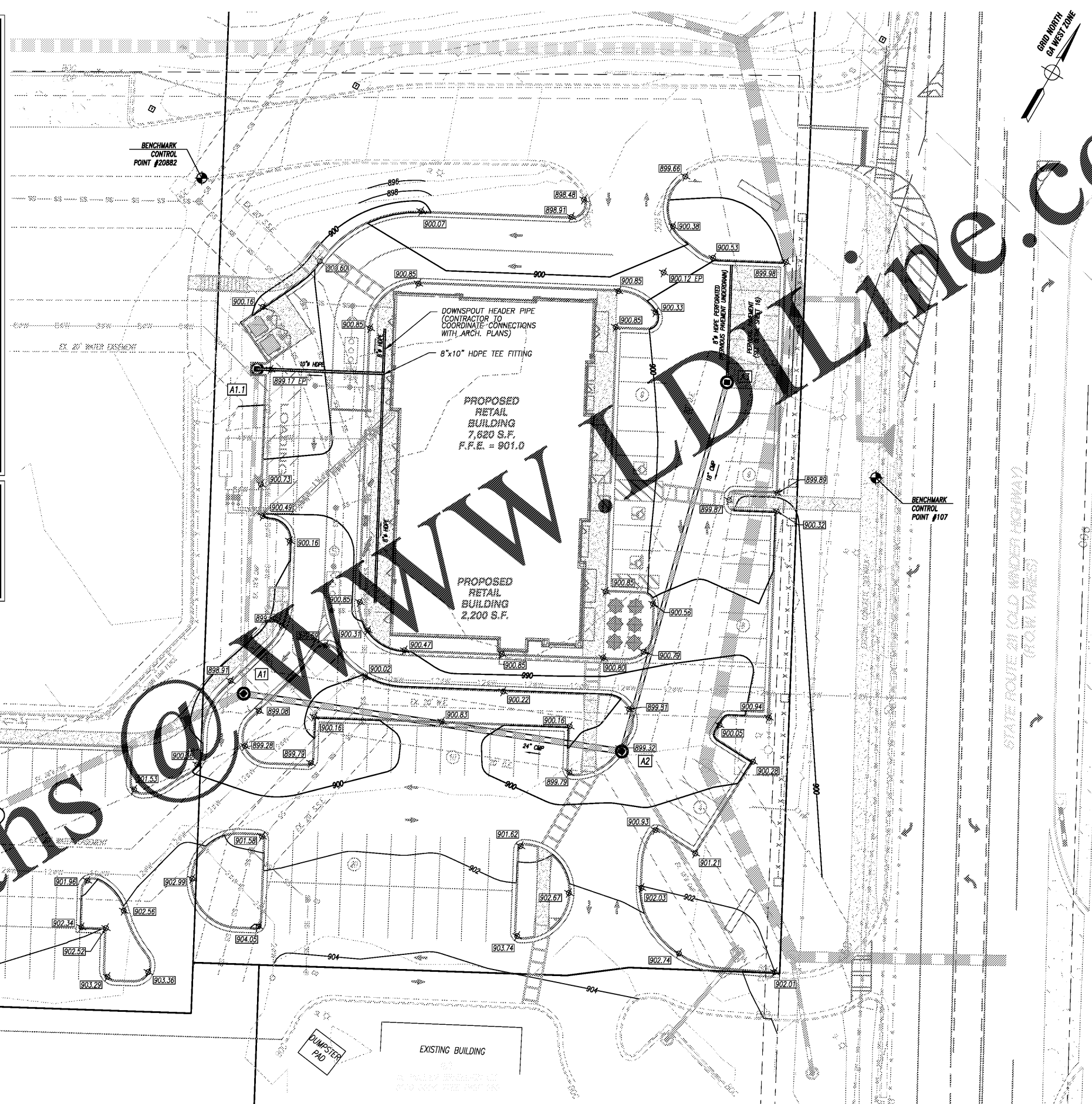
DESCRIPTION:	PK NAIL
NORTHING:	1500162.2400
EASTING:	2398925.8069
ELEVATION:	898.23

CONTROL POINT #20882

DESCRIPTION:	PK NAIL
ORTHING:	1500132.2403
EASTING:	2398641.6719
ELEVATION:	888.12

NOTE:

SPOT ELEVATIONS PROVIDED ARE TOP OF CURB UNLESS OTHERWISE NOTED.



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PROJECT NAME:

CREEKSIDE RETAIL

TASK:

GRADING AND DRAINAGE PLAN



PROJECT INFORMATION:

Project Name	CREEKSIDE RETAIL
Project Number	15-082F
Project Address	OLD WINDER HIGHWAY
G.M.D.	1749
Parcel No.(s)	
Land Lot / District	TOWN OF BRASELTON
County, State	HALL COUNTY, Georgia

DATE	REVISION	No.	1	2	3	4	5	6	7	8	9
		R/JP DESIGN									
		R/JP DRAWN									
		KWB CHECKED									
		DATE									

R/JP DESIGN	AS SHOWN SCALE
R/JP DRAWN	4 of 17
KWB CHECKED	SHEET
03/20/18	15-082F PROJECT No.

Order Plans @ www.dpeonline.com

