

STORM STRUCTURE TABLE				
STRUCTURE NAME	STRUCTURE TYPE	RIM ELEVATION	INVERT IN	INVERT OUT
A1	SINGLE WING CATCH BASIN DETAIL 2, SHEET C04.4	601.53	598.20 (PA1.1) 595.20 (PA2)	593.00 (PA1)
A1.1	JUNCTION BOX DETAIL 3, SHEET C04.4	602.39	596.02 (PA1.2)	594.82 (PA1.1)
A1.2	GRATE INLET DETAIL 1, SHEET C04.4	603.25		597.92 (PA1.2)
A2	SINGLE WING CATCH BASIN DETAIL 2, SHEET C04.4	600.20	596.10 (PA3)	594.91 (PA2)
A3	DOMED GRATE INLET DETAIL 5, SHEET C04.2	604.01	599.04 (PA4)	598.89 (PA3)
A4	CURB INLET DETAIL 1, SHEET C04.4	604.00		599.50 (PA4)
EX0	EXISTING JUNCTION BOX	601.24	588.16 (PA1)	

STORM PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
PA1	18"	41'	11.62%	RCP
PA1.1	18"	54'	3.00%	RCP
PA1.2	18"	91'	3.00%	RCP
PA2	18"	85'	2.00%	RCP
PA3	18"	189'	2.00%	RCP
PA4	18"	21'	2.00%	RCP

GRADING & DRAINAGE LEGEND

GRADING/DRAINAGE	LINE TYPE/SYMBOL	REFERENCE
GRADE	1000	SEE PLANS
SPOT ELEVATION	X 1000.00	SEE PLANS
STORM DRAIN	→	SEE PLANS
HEADWALL (HW) / FLARED END SECTION (FES)	≡	NOT APPLICABLE
DROP INLET (GRATE)	≡	DETAIL 1, SHEET C04.4
DROP INLET (GRATE AND HOOD)	≡	DETAIL 1, SHEET C04.4
JUNCTION BOX (JB) / OCS	≡	DETAIL 3, SHEET C04.4
CATCH BASIN (SINGLE WING)	≡	NOT APPLICABLE
CATCH BASIN (DOUBLE WING)	≡	DETAIL 2, SHEET C04.4
PEDESTAL TOP	≡	NOT APPLICABLE
STORM STRUCTURE NUMBER	A1	SEE PLANS

GRADING & DRAINAGE NOTES

- SEE LANDSCAPE PLAN FOR REQUIRED TREES AND GROUND COVER.
- SLOPE OF SURFACE GRADE SHALL BE A MINIMUM OF 1.00%.
- MAXIMUM CUT OF FILL SLOPES IS 2H:1V.
- THE CONTRACTOR SHALL PROVIDE CLEAN, SUITABLE MATERIAL FOR REQUIRED FILL. SHOULD A SUFFICIENT QUANTITY OF SUITABLE MATERIAL NOT BE AVAILABLE FROM THE REQUIRED EXCAVATION ON THE SITE.
- ALL FILL SHOULD BE PLACED IN 10" HORIZONTAL LAYERS, MAXIMUM GROUND COMPACTED TO AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 1556). THE UPPER 8 INCHES OF SOIL BENEATH PAVEMENTS AND SLAB-ON-GRADE SHOULD BE COMPACTED TO AT LEAST 100 PERCENT. COMPACTION MUST BE CERTIFIED BY A GEORGIA REGISTERED PROFESSIONAL SOILS ENGINEER PRIOR TO THE INSTALLATION OF PAVEMENTS, CURBS, SIDEWALKS OR FOOTINGS OF ANY TYPE.
- DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE FULLY CONSTRUCTED AND OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- LENGTH OF RIP-RAP PADS AT PIPE OUTLET STRUCTURES TO BE A MINIMUM LENGTH OF (6) SIX TIMES THE DIAMETER OF THE PIPE.
- JURISDICTIONAL LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAN VIEW FROM A PUBLIC ROAD OR STREET.
- SEE SHEET C01.1 FOR GENERAL NOTES.

BUILDING AREA NOTES

- MAINTAIN ACCESS FOR EMERGENCY VEHICLES AROUND AND TO ALL BUILDINGS UNDER CONSTRUCTION. IN TIMES OF RAIN OR MUD, ROADS SHALL BE PASSABLE TO EMERGENCY VEHICLES BY BEING PAVED OR HAVING A CRUSHED STONE BASE ETC., WITH A MINIMUM WIDTH OF 20 FEET. THE ACCESS TO BUILDINGS HAVING SPRINKLER OR STANDPIPE SYSTEMS SHALL BE TO WITHIN 40 FEET OF THE FIRE DEPARTMENT CONNECTION (NFPA 141.3.1).
- CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING IN ALL AREAS AROUND BUILDING. INSTALL FRENCH DRAIN IN LANDSCAPED AREAS ADJACENT TO BUILDING AND CONNECT TO DRAINAGE SYSTEM.
- SEE SHEET C01.1 FOR GENERAL NOTES.

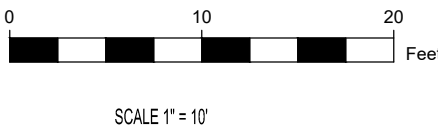
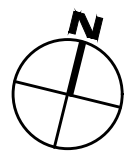
HYDROLOGY STATEMENT

STORMWATER MANAGEMENT PROVIDED BY OTHERS. SEE PLANS BY BUCKEL DESIGN GROUP, DATED 08/20/2019.

CONTRACTOR SHALL PROTECT ALL ITEMS OUTSIDE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE CONSTRUCTION PLANS OR SPECIFICATIONS.

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES (LOCATIONS AND ELEVATIONS) PRIOR TO STARTING CONSTRUCTION AND ALERT ENGINEER TO ANY DISCREPANCIES IMMEDIATELY.

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REVISIONS:


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BUILDING AREA  
GRADING DETAIL

C05.1

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