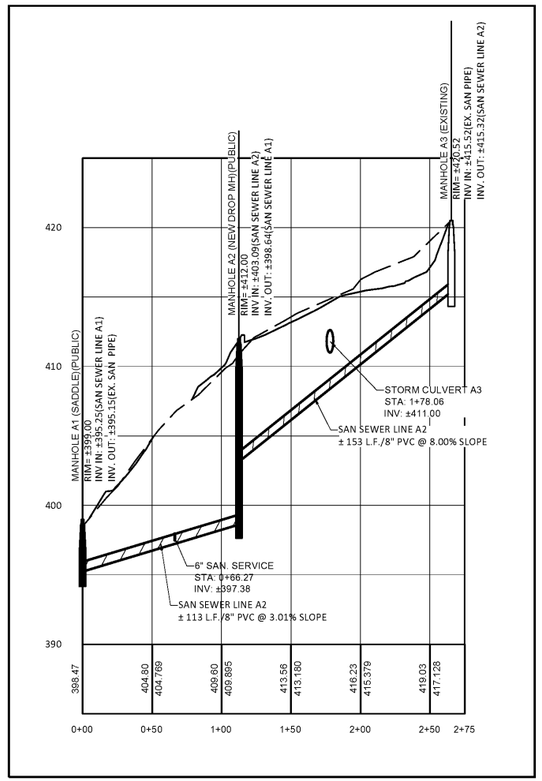
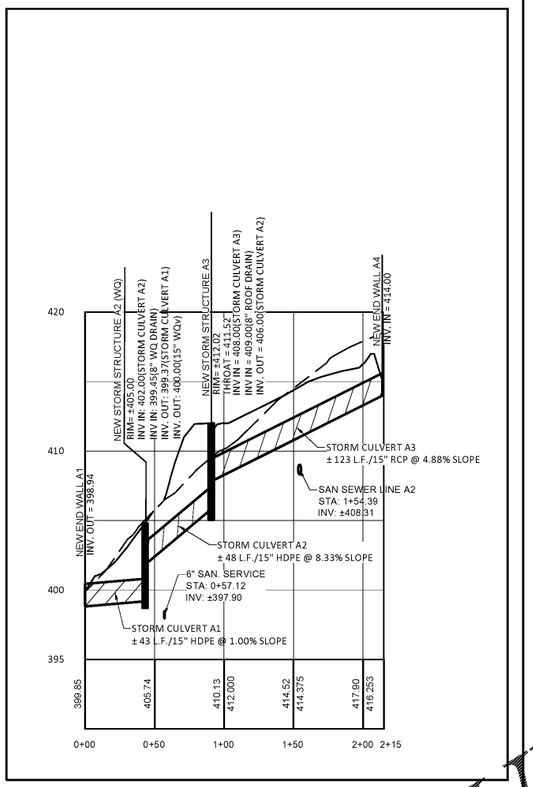


SANITARY SEWER PROFILE

SCALE: 1" = 50' (H) / 1" = 5' (V)

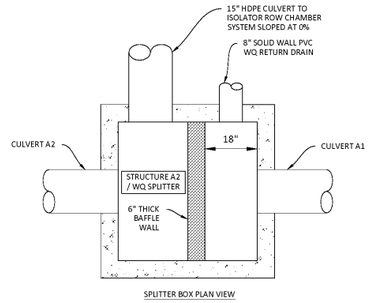


STORM SEWER PROFILE

SCALE: 1" = 50' (H) / 1" = 5' (V)

GRAPHIC SCALE IN FEET (50 0 50 100 150)

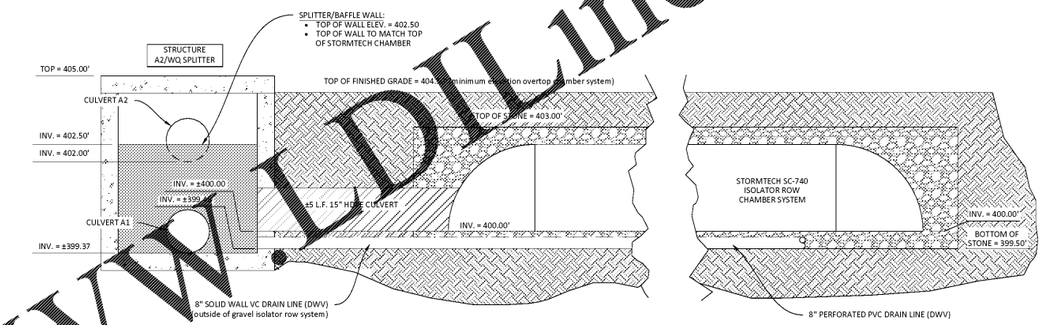
GRAPHIC SCALE IN FEET (5 0 5 10 15)



SPLITTER BOX PLAN VIEW

SPLITTER WEIR (Typical all splitter boxes):

- 6" THICK CAST-IN-PLACE CONCRETE OVERFLOW WEIR.
- EMBED A MINIMUM OF 8-#5 REBARS A DEPTH OF 4-INCHES INTO THE PRECAST CONCRETE MANHOLE AND 12-INCHES INTO THE WEIR.
- INSTALL WWM 10/10 (3.5'x2') IN THE WEIR CONCRETE.
- INSTALL 6 REBAR IN THE MANHOLE WALL AND 2 REBAR IN THE MANHOLE BOTTOM.
- REBAR TO BE EQUALLY SPACED HORIZONTALLY (MANHOLE BOTTOM) AND VERTICALLY (MANHOLE WALLS).
- IN LIEU OF CASTING IN PLACE THE BAFFLE WALL, OVEFLOW BAFFLE WALL CAN EITHER BE SLIP-IN, BOLT-IN OR INTEGRAL TYPE AS PROVIDED BY THE MANUFACTURER.



WATER QUALITY TREATMENT BMP DETAIL

STORM OUTLET PROTECTION

Storm Outlet Number	Pipe Size	L_a	$W_{DOWNSTREAM}$	$W_{HEADWALL}$	Apron Area	d_{50} Riprap Size	Apron Thickness	Stone Size	Q_{25-Yr} Peak Flow	V_{25-Yr} Peak Flow
	inches	*feet*	*feet*	*feet*	*ft²*	*feet*	*feet*		*cfs*	*fps*
1	15	10	11.25	3.75	75.00	0.2	1.50	TYPE 3	3.46	3.74
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ISSUED FOR REVIEW

January 14, 2020

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A NEW RANGER STATION AT CLAYSTONE PARK FOR MACON-BIBB COUNTY

MOSLEY DIXON ROAD MACON, GEORGIA

Revisions:

Sheet Title: RANGER STATION PROFILES AND DETAILS

Project #: 1819 Date: 01/13/20

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