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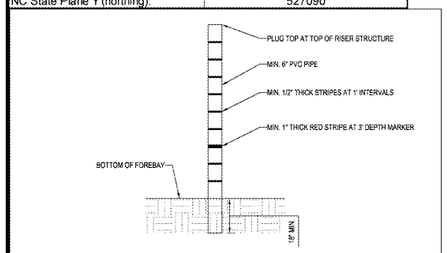
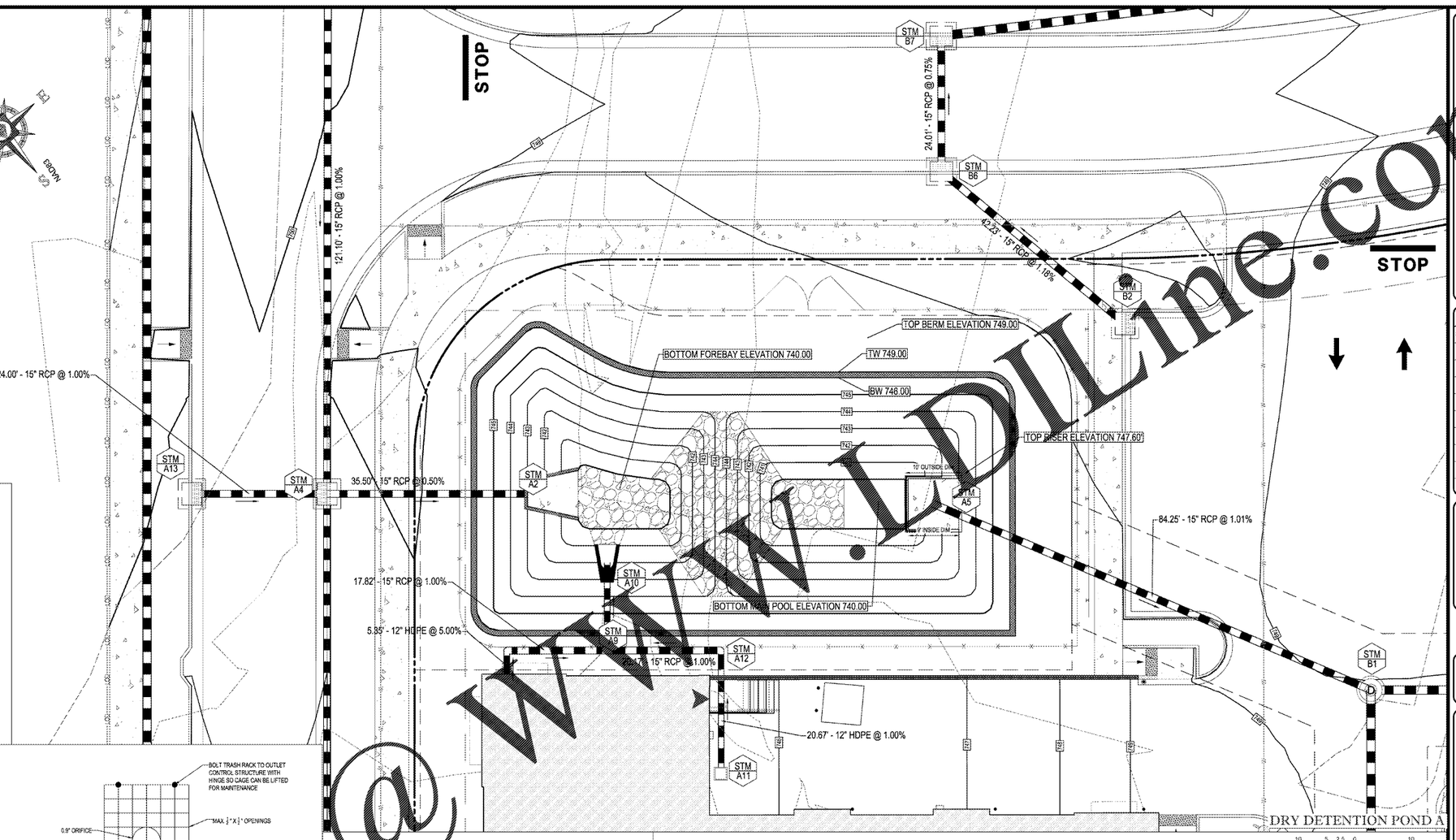
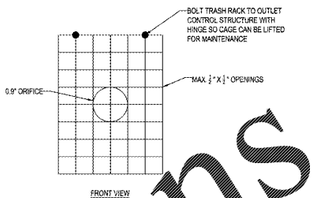
BMP Inset Table
Extended Dry Detention

Project Name:	**Eastside Connections**
Sequence ID:	Dry Detention Pond A
Surface Area (sq. ft.):	5834
Drainage Area (acres):	1.08
Land Use/Development Type:	Commercial Heavy
Percent Built-Upon Area:	90%
Maximum Depth (ft.):	9
Forebay Present (Y/N):	Y
Flow Diverters Present (Y/N):	N
Regulated By:	Post Construction Ordinance
Treatment Effectiveness:	30% TSS
NC State Plane X (easting):	1473691
NC State Plane Y (northing):	527090

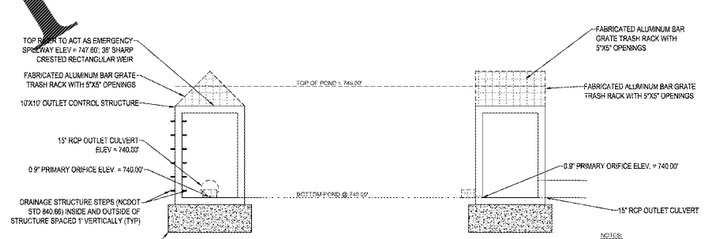


SEDIMENT DEPTH MARKER
NOT TO SCALE





PRIMARY ORIFICE TRASH RACK
NOT TO SCALE

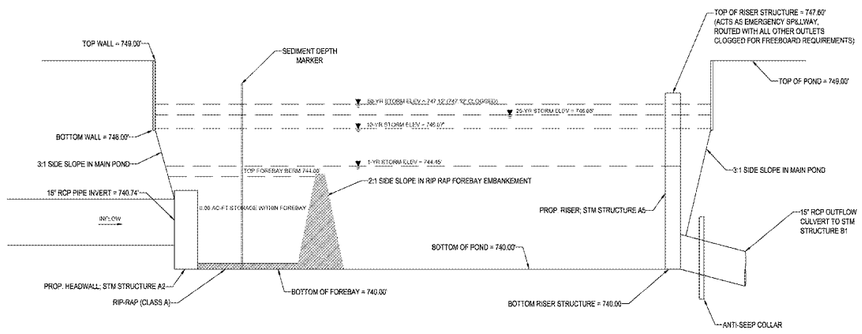


NOTES:
SEE NCDOT SPECIFICATION SECTION 840 FOR OUTLET STRUCTURE BOX, GRATE, IRONFORCING, ETC.

ALL CONCRETE TO BE MIN. 4,000 PSI COMPRESSIVE STRENGTH

CONVERT HOLE USED WITH SKIMMER DURING EROSION CONTROL TO PERMANENT WATER QUALITY ORIFICE WITH WET POND WHERE POSSIBLE. IF NOT POSSIBLE, SEAL AND GROUT FILL HOLE USED FOR SKIMMER.

DRY DETENTION POND (A) OUTLET CONTROL STRUCTURE DETAIL
NTS



DRY DETENTION POND (A)
CROSS SECTION
NTS

AFTER STABILIZATION BUT PRIOR TO PAVING, POND TO BE DREDGED AND CONVERTED FROM SKIMMER SEDIMENT BASIN TO PERMANENT DRY DETENTION BASIN.

BOHLER ENGINEERING NC, PLLC
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REVISIONS

REV.	DATE	COMMENT	BY
1	10/11/17	PER CITY OF CLT & NCDOT COMMENTS	SRF
2	11/28/17	PER CITY OF CLT & NCDOT COMMENTS	SRF

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PROJECT No.:	NCC162120
DRAWN BY:	SRF/AJS
CHECKED BY:	DWR
DATE:	8/9/17
SCALE:	AS NOTED
CAD I.D.:	SWC

PROJECT:
CONNECTION POINT
FOR
EASTSIDE CONNECTIONS JV, LLC
LOCATION OF SITE
MONROE RD & LONG AVE
CHARLOTTE, NC 28212
MECKLENBURG COUNTY

BOHLER ENGINEERING NC, PLLC
NCBELS P-1153
1927 S. TRYON STREET, SUITE 310
CHARLOTTE, NC 28203
Phone: (980) 272-3400
Fax: (980) 272-3401
NC@BohlerEng.com

NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No.31128 SEAL 11/28/17

SHEET TITLE
STORMWATER DETAILS

SHEET NUMBER:
C-11.1