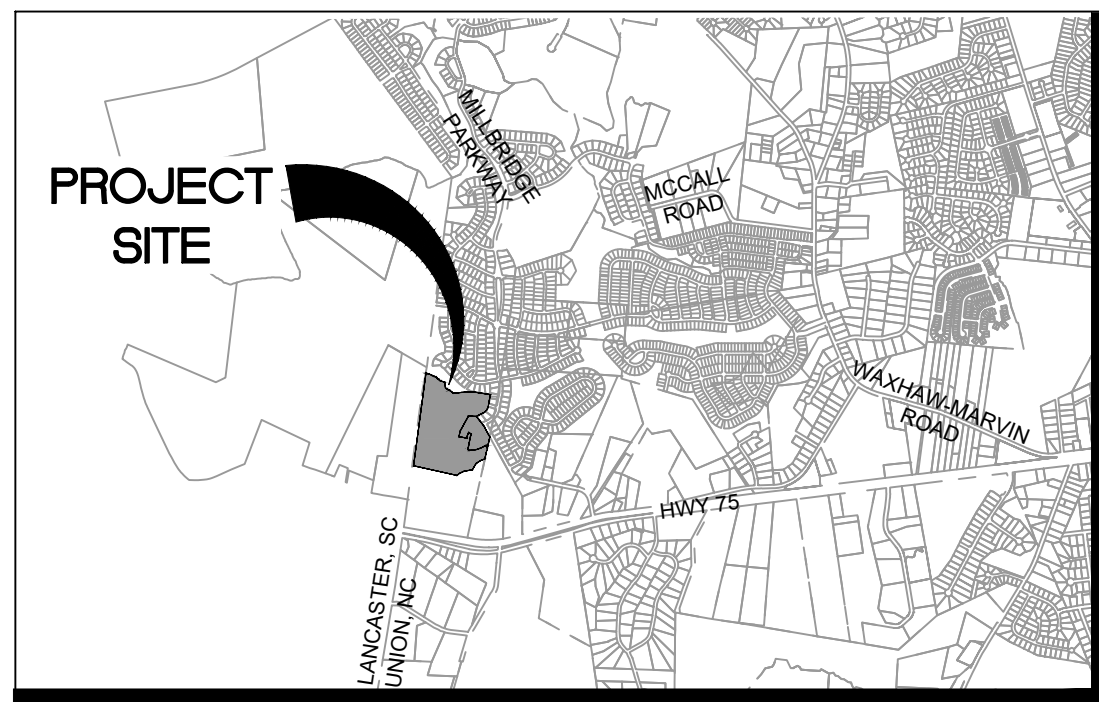


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VICINITY MAP N.T.S.

MILLBRIDGE PHASE 7D

TOWN OF WAXHAW, UNION COUNTY, NORTH CAROLINA

FOR
LANDEAVOR LLC.

9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

APRIL 2020

DEVELOPMENT DATA FOR MILLBRIDGE PHASE 7D

TAX PARCEL ID: 05165001
05168019

ZONING: CU R4-PRD (TOWN OF WAXHAW)
PROPOSED USE: SINGLE FAMILY SUBDIVISION
WATERSHED: LOWER CATAWBA
FIRST WATERCOURSE: 12-MILE CREEK
TOTAL NUMBER OF LOTS: 72 LOTS
PROP. DENSITY: 2.32 UNITS/AC.
MIN LOT SIZE REQUIRED: 6,000 S.F. (0.14 AC.)
MIN LOT SIZE PROVIDED: 6,447 S.F. (0.15 AC. - LOT #1993)
AVG. LOT SIZE PROVIDED: 9,310 S.F. (0.21 AC.)

SITE AREAS:
TOTAL SITE AREA: 30.98 AC.
PROPERTY AREA IN RAW: 4.00 AC.
PROPERTY AREA IN LOTS: 15.39 AC.
PROPERTY AREA IN COS: 9.59 AC.
PROPERTY AREA IN AMENITY: 2.02 AC.

BUILDING SETBACKS (MIN.)
FRONT YARD SETBACK: 20'
SIDE YARD SETBACK: 5' (10' CORNER LOTS)
REAR LOT SETBACK: 20'

AMENITY CENTER PARKING:
PROVIDED SPACES: 37
PROVIDED HANDICAP SPACES: 1
PROVIDED HANDICAP (VAN): 1

SUBMITTED BY: LANDEAVOR, LLC
9101 SOUTHERN PINE BLVD STE 210
CHARLOTTE, NC 28273
PHONE NUMBER: (704) 525-5998
EMAIL: HEAVNER@LANDEAVOR.COM

DEVELOPER: LANDEAVOR, LLC
9101 SOUTHERN PINE BLVD STE 210
CHARLOTTE, NC 28273
PHONE NUMBER: (704) 525-5998
EMAIL: HEAVNER@LANDEAVOR.COM

DESIGN ENGINEER: W.K. DICKSON - WESTON BOLES, PE
616 COLONNADE DRIVE
CHARLOTTE, NC 28205
PHONE NUMBER: (704)-334-5348
WBOLES@WKDICKSON.COM

MILLBRIDGE PHASE 7D CUP APPROVED CONDITIONS

- THIS MAJOR CUP AMENDMENT APPROVAL IS CONTINGENT UPON THE SIGNED MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN CSX, NCDOT, THE APPLICANT, AND THE TOWN OF WAXHAW.
- THE PREVIOUS APPROVAL CONDITION STATED THAT THE ZONING CONSTRUCTION PERMITS ARE CONTINGENT UPON COMPLETION OF IMPROVEMENTS TO OPEN TORY PATH ROAD TO MEET NCDOT REQUIREMENTS. UNDER THIS PROPOSED AMENDMENT, ZONING CONSTRUCTION PERMITS FOR PHASE 7D ARE ALLOWED BEFORE THE INSTALLATION OF THE INTERIM SECURITY GATE IN PHASE 7C, BUT NO FINAL PLATS WILL BE ALLOWED UNTIL THE GATE IS OPERATIONAL WITH CONNECTION TO TORY PATH ROAD FOR EMERGENCY VEHICLES.
- AS A RESULT OF THE INSTALLATION OF THE INTERIM SECURITY GATE AND CONSTRUCTION OF AN ACCESS ROAD FROM TORY PATH ROAD TO HELMS ROAD, THE APPLICANT WILL BE RELIEVED OF THE FOLLOWING PREVIOUS TRANSPORTATION IMPROVEMENTS:
 - NC 75 AND HELMS ROAD FOLLOWING IMPROVEMENT:
 - EASTBOUND LEFT TURN LANE WITH 100 FEET OF STORAGE AND APPROPRIATE TAPERS.
 - NC 75 AND PROPOSED ACCESS TO MILLBRIDGE AT TORY PATH ROAD FOLLOWING IMPROVEMENTS:
 - EASTBOUND LEFT TURN LANE WITH 100 FEET OF STORAGE AND APPROPRIATE TAPERS.
 - IMPROVEMENTS TO THE EXISTING TORY PATH ROAD TO MEET NCDOT STANDARDS FOR PROPOSED SUBDIVISION TRAFFIC.
 - NC 75 AND PROPOSED ACCESS TO MILLBRIDGE AT STATE ROAD S-29-92 (HANCOCK ROAD):
 - IF NCDOT DOES NOT ALLOW THE RAILROAD CROSSING AT HANCOCK ROAD TO BE OPEN TO NC 75, MILLBRIDGE WOULD BE RELIEVED OF THE NEW SUBDIVISION ACCESS POINT AT HANCOCK ROAD.
 - THE TOWN MAY STILL REQUIRE ACCESS FOR FUTURE MILLBRIDGE PHASES IF ACCESS IS ALLOWED TO HANCOCK ROAD TO THE WEST ACROSS THE STATE LINE.

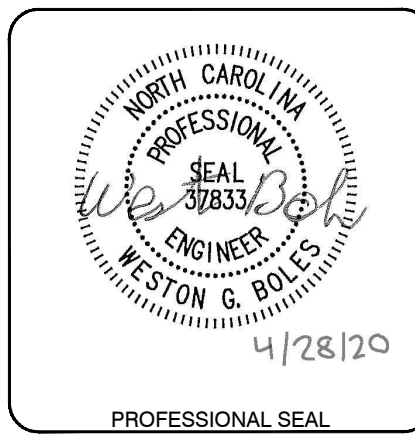


PLAN VIEW
SCALE: 1" = 100'

Sheet Number	Sheet Title	Drawing Revision Number	Revision Date
C1.0	COVER SHEET	3	4/21/2020
C1.1	LEGENDS	B	11/19/2018
C2.0	EXISTING CONDITIONS & DEMO	B	11/19/2018
C3.0	SITE PLAN	B	11/19/2018
C3.1	AMENITY SITE PLAN	3	4/21/2020
C4.0	GRADING PLAN	D	6/03/2019
C4.1	AMENITY GRADING PLAN	3	4/21/2020
C5.0	LINN COVE - PLAN & PROFILE	B	11/19/2018
C5.1	LINN COVE - PLAN & PROFILE	B	11/19/2018
C5.2	LINN COVE - PLAN & PROFILE	B	11/19/2018
C5.3	BUNKER HILL ROAD - PLAN & PROFILE	B	11/19/2018
C5.4	MILLBRIDGE PARKWAY - PLAN & PROFILE	B	11/19/2018
C6.0	EROSION CONTROL - PHASE 1	D	6/03/2019
C6.1	EROSION CONTROL - PHASE 2	3	4/21/2020
C7.0	LANDSCAPE PLAN	B	11/19/2018
C7.1	AMENITY LANDSCAPE PLAN	B	11/19/2018
C8.0	GENERAL NOTES	B	11/19/2018
C8.1	GENERAL NOTES	B	11/19/2018
C8.2	GENERAL NOTES	3	4/21/2020
C9.0	DETAILS - SHEET 1	B	11/19/2018
C9.1	DETAILS - SHEET 2	B	11/19/2018
C9.2	DETAILS - SHEET 3	B	11/19/2018
C9.3	DETAILS - SHEET 4	B	11/19/2018
C9.4	DETAILS - SHEET 5	B	11/19/2018
C9.5	DETAILS - SHEET 6	B	11/19/2018
C9.6	DETAILS - SHEET 7	B	11/19/2018
C9.7	DETAILS - BMP #1	D	6/03/2019
C9.8	DETAILS - BMP #2	D	6/03/2019
APP-A	ALTA SURVEY	B	11/19/2018
APP-B	AMENITY PHOTOMETRIC PLAN	B	11/19/2018
APP-C	AMENITY UTILITY PLAN	3	4/21/2020



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CHARLOTTE, NC 28205
(704) 334-5348
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NO.	DATE	DESCRIPTION
1	4/21/2020	REVISIONS PER TOWN OF WAXHAW COMMENTS ON MINOR REVISIONS
2	03/24/2020	AMENITY CENTER MINOR REVISIONS TO APPROVED PLANS
3	06/19/2019	STRUCTURE TABLE RIM MODIFICATION TO BMP PONDS
4	06/03/2019	OUTLET BOX CHANGES PER CONTRACTOR COMMENTS
5	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
6	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
7	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

DRAWING TITLE: COVER SHEET

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: APRIL 2020
DRAWING NUMBER: C1.0
WKD PROJ. NO.: 20170280.00.CL



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DESIGNER:
WESTON G. BOLES, PE
(704) 334-5348
WBOLES@WKDICKSON.COM



FINAL-RELEASED FOR CONSTRUCTION PLOT DATE: 4/28/2020

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LEGEND (STAKING)

SYMBOL	DETAIL	SYMBOL	DETAIL
	PROPOSED SIDEWALK		ADJOINING PROPERTY LINE
	PROPOSED HANDICAP RAMP		PROPERTY/BOUNDARY LINE
	PROPOSED STOP SIGN		PARCEL LINE
	STORM DRAIN EASEMENT		TEMPORARY CONSTRUCTION EASEMENT
	SANITARY SEWER EASEMENT		NATURAL BUFFER
	PROPOSED 2'-0" VALLEY GUTTER		BUILDING SETBACK
	PROPOSED MAILBOX KIOSK		COMMON OPEN SPACE

LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	STABILIZED CONSTRUCTION ENTRANCE
	SILT FENCE
	DOUBLE ROW SILT FENCE
	TEMPORARY SILT FENCE OUTLET
	STONE INLET PROTECTION
	GRAVEL RIP RAP APRON
	DENUDED LIMITS
	DRAINAGE AREA
	CLEAN WATER DITCH
	TEMPORARY DIVERSION DITCH
	PROPOSED STORM DRAINAGE
	SEDIMENT BASIN BAFFLE
	SEDIMENT BASIN
	SEDIMENT BASIN SKIMMER
	SPILLWAY
	FLEXIBLE PIPE SLOPE DRAIN
	TEMPORARY WATTLE CHECK DAM
	SOILS DELINEATION

LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL	SYMBOL	DETAIL
	PROPOSED MINOR CONTOUR		PROPOSED SIDEWALK
	PROPOSED MAJOR CONTOUR		PROPOSED GRAVEL AND RIPRAP APRON
	PROPOSED DRAINAGE SWALE		STORM DRAINAGE EASEMENT
	PROPOSED CHAIN LINK FENCE		PROPOSED CATCH BASIN
	PROPOSED STORM DRAINAGE		PROPOSED DROP INLET
	PROPOSED JUNCTION BOX		BMP RISER STRUCTURE
	PROPOSED DOUBLE CATCH BASIN		SLOPES STEEPER THAN 3:1 CONTRACTOR SHALL INSTALL SLOPE STABILIZATION MATTING ON ALL SLOPES GREATER THAN 3:1
	SANITARY SEWER		

LINE #	LENGTH	BEARING
L1	160.44'	N71°42'54"W
L2	154.95'	S76°10'20"W
L3	215.48'	S11°38'09"W
L4	249.60'	S68°41'48"E
L5	163.23'	S82°14'27"E
L6	68.84'	N61°42'26"E
L7	58.44'	S13°29'34"E
L8	546.51'	S11°38'09"W
L9	150.55'	S64°54'56"W
L10	244.27'	S11°38'09"W

CURVE #	RADIUS	LENGTH	CHORD	CHORD BEARING	DELTA
C1	1000.00'	560.47'	553.17'	N87° 46' 17"W	32°06'46"
C2	200.00'	225.27'	213.55'	S43° 54' 14"W	64°32'11"
C3	200.00'	280.41'	258.00'	S28° 31' 50"E	80°19'57"
C4	200.00'	47.28'	47.17'	S75° 28' 08"E	13°32'39"
C5	400.00'	251.69'	247.56'	N79° 43' 59"E	36°03'07"
C6	200.00'	87.71'	87.01'	S0° 55' 42"E	25°07'42"
C7	200.00'	185.98'	179.35'	S38° 16' 32"W	53°16'47"



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NO.	DATE	DESCRIPTION
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: LEGENDS

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C1.1
 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018



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UNION COUNTY, NORTH CAROLINA

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 community infrastructure consultants
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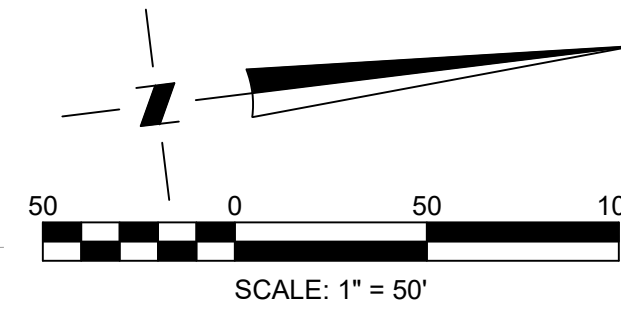
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A	07/18/2018		CJH	

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
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 DRAWING TITLE: SITE PLAN

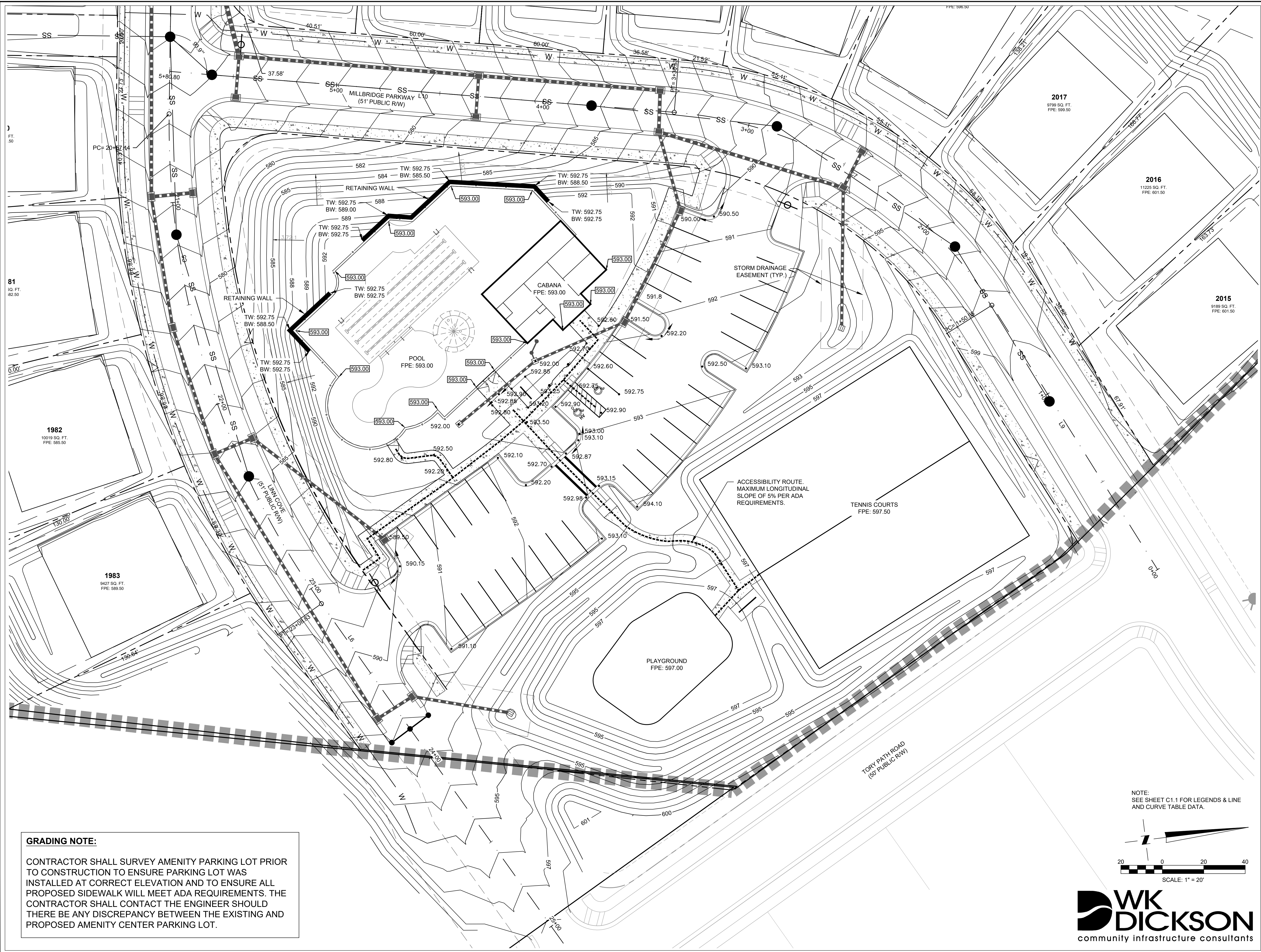
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 WKD PROJ. NO.: 20170280.00.CL

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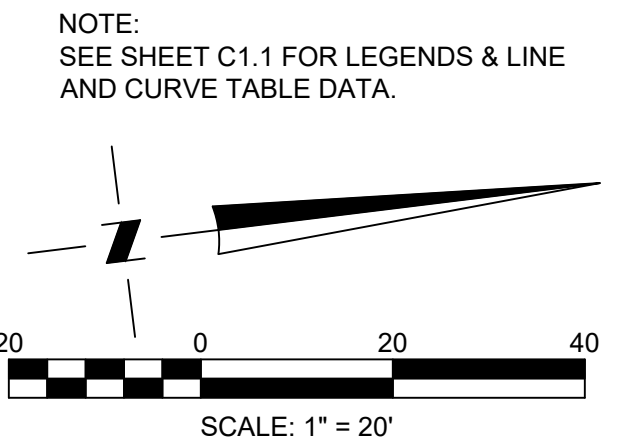
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GRADING NOTE:

CONTRACTOR SHALL SURVEY AMENITY PARKING LOT PRIOR TO CONSTRUCTION TO ENSURE PARKING LOT WAS INSTALLED AT CORRECT ELEVATION AND TO ENSURE ALL PROPOSED SIDEWALK WILL MEET ADA REQUIREMENTS. THE CONTRACTOR SHALL CONTACT THE ENGINEER SHOULD THERE BE ANY DISCREPANCY BETWEEN THE EXISTING AND PROPOSED AMENITY CENTER PARKING LOT.



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 community infrastructure consultants
 616 COLONNADE DR
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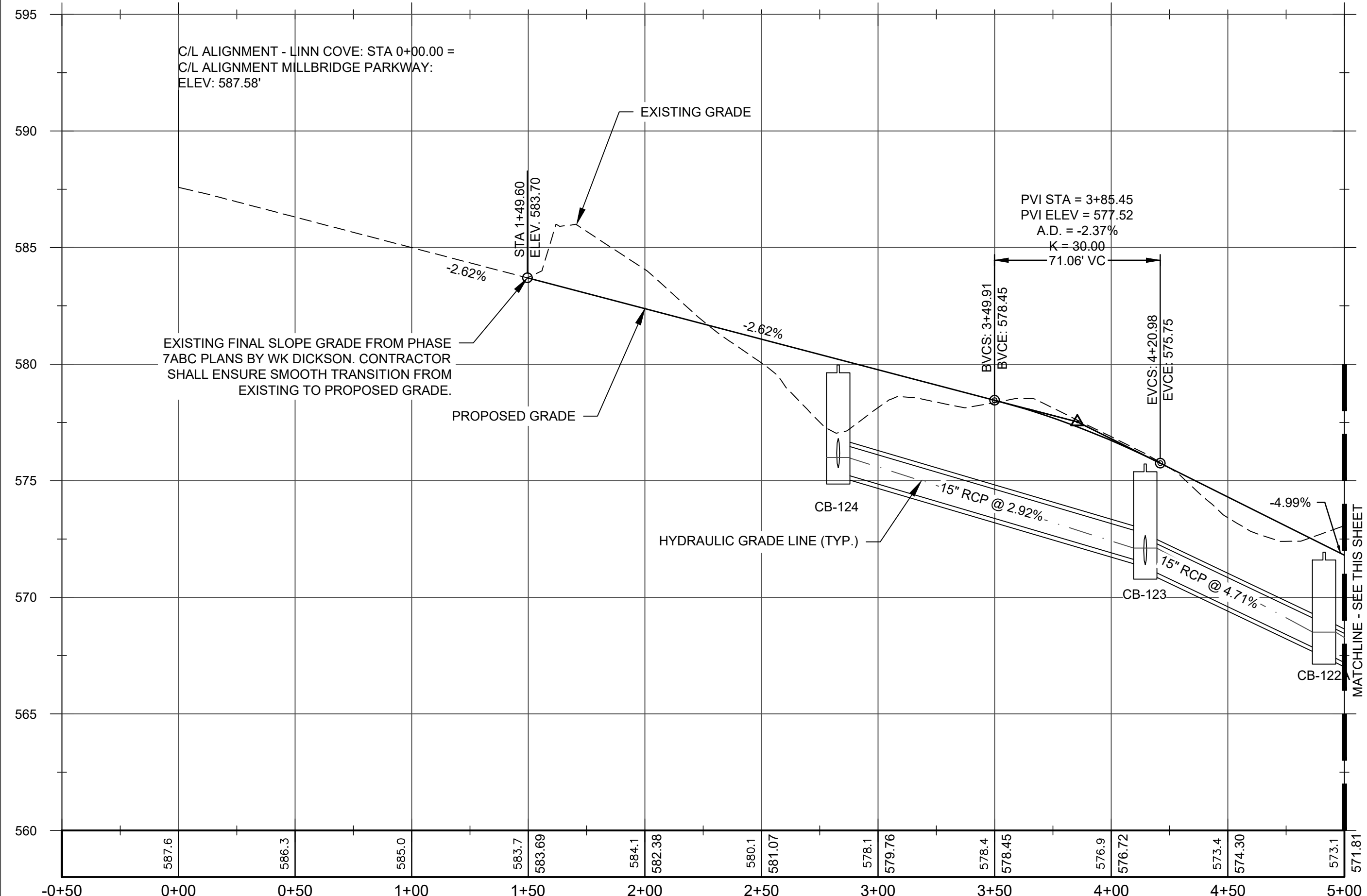
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3	4/21/2020	REVISIONS PER TOWN OF WAXHAW COMMENTS ON MINOR REVISIONS
2	3/24/2020	AMENITY CENTER MINOR REVISIONS TO APPROVED PLANS
1	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDFAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: AMENITY GRADING PLAN

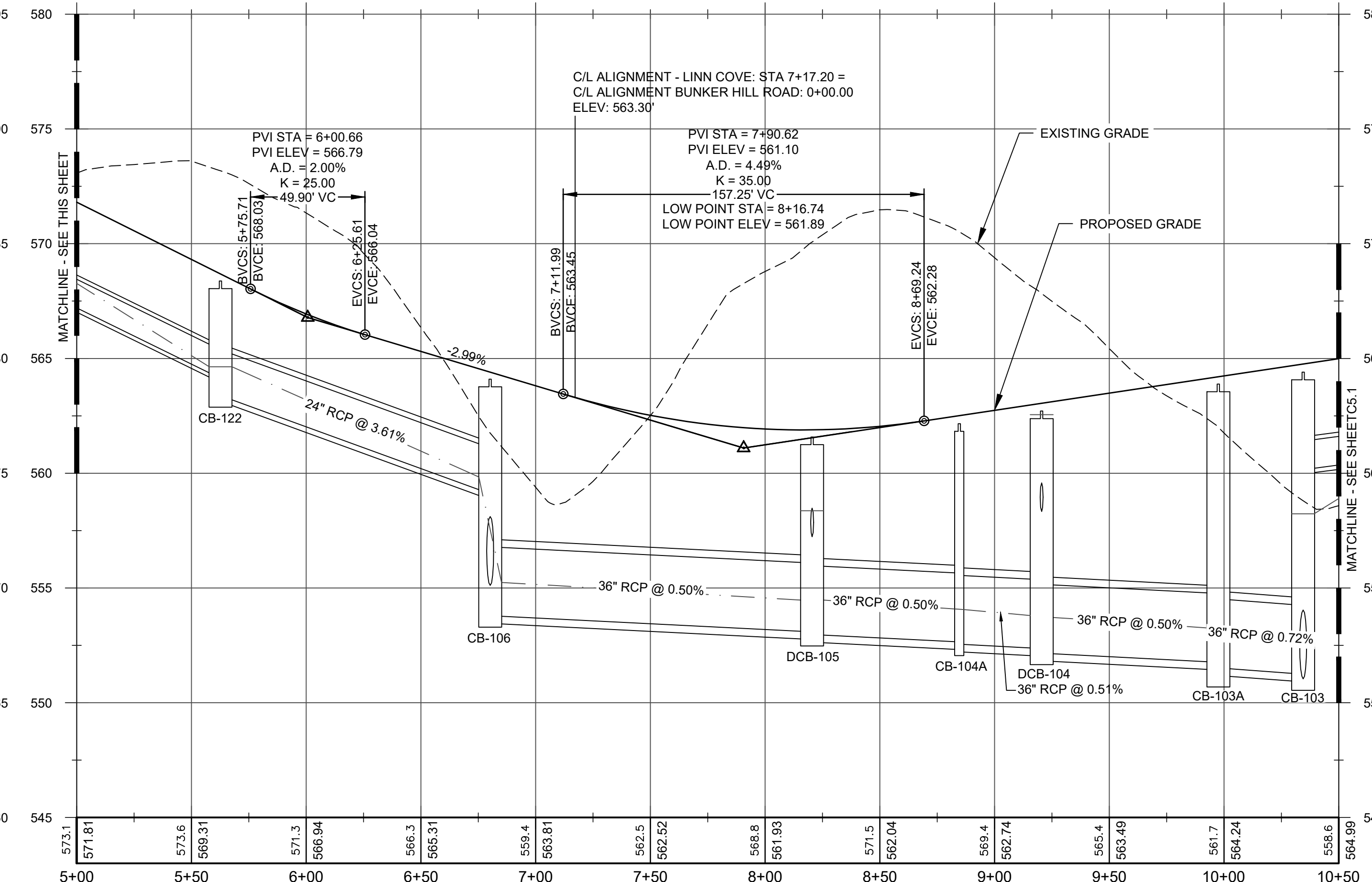
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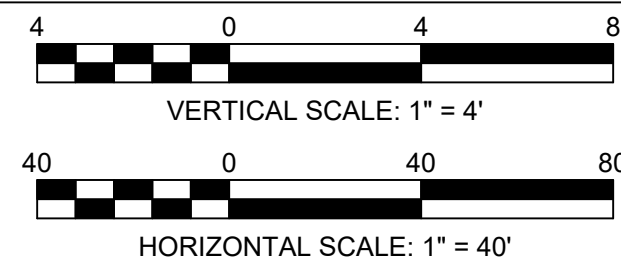
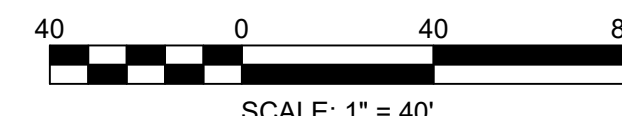
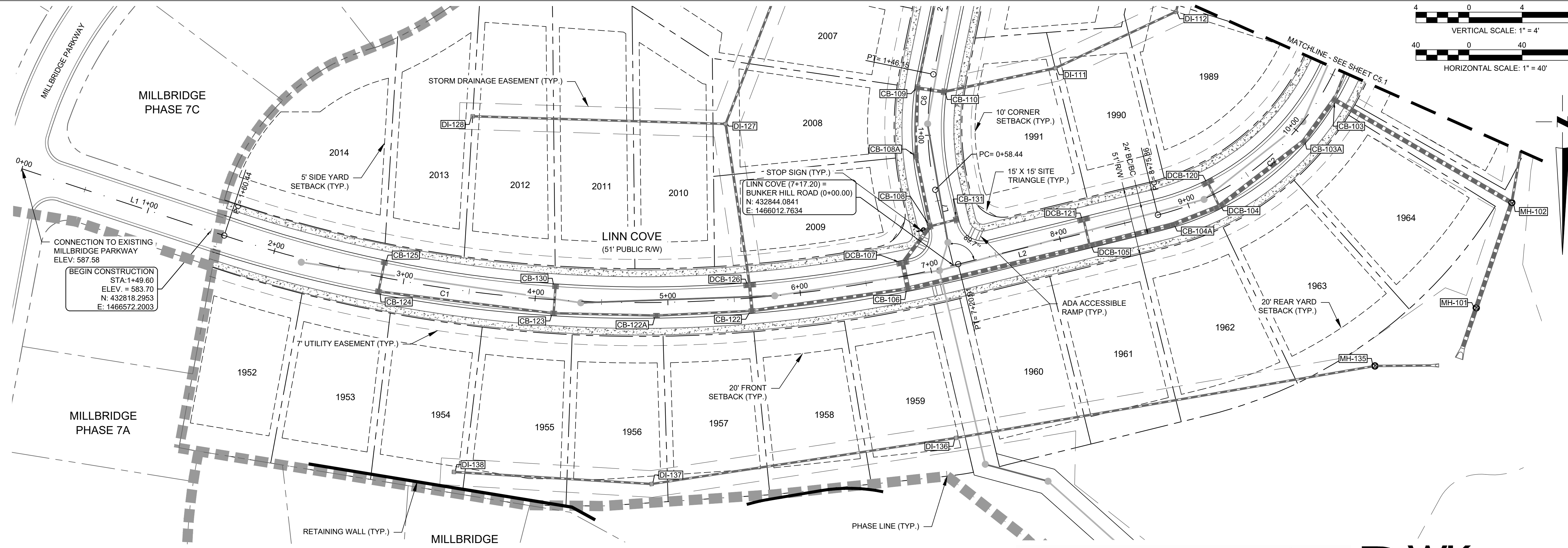
SCALE: HOR 1"=40'; VERT 1"=4'



LINN COVE PROFILE VIEW (STA 5+00.00 - STA 10+50.00)

SCALE: HOR 1"=40'; VERT 1"=4'

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 community infrastructure consultants
 616 COLONNADE DR
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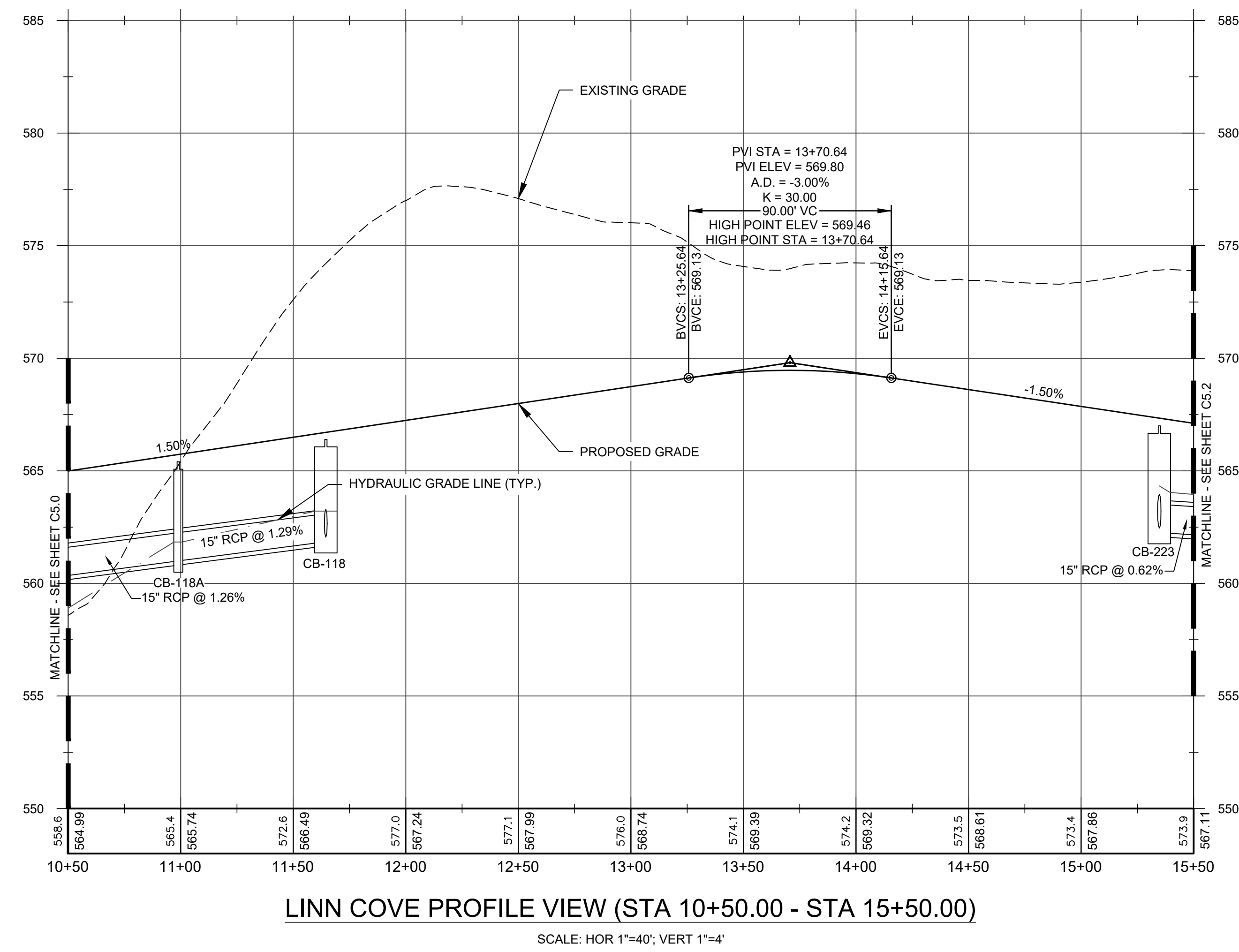
NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
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A	07/18/2018		

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC, 9101 SOUTHERN PINE BLVD, CHARLOTTE, NC 28273
 DRAWING TITLE: LINN COVE - PLAN & PROFILE
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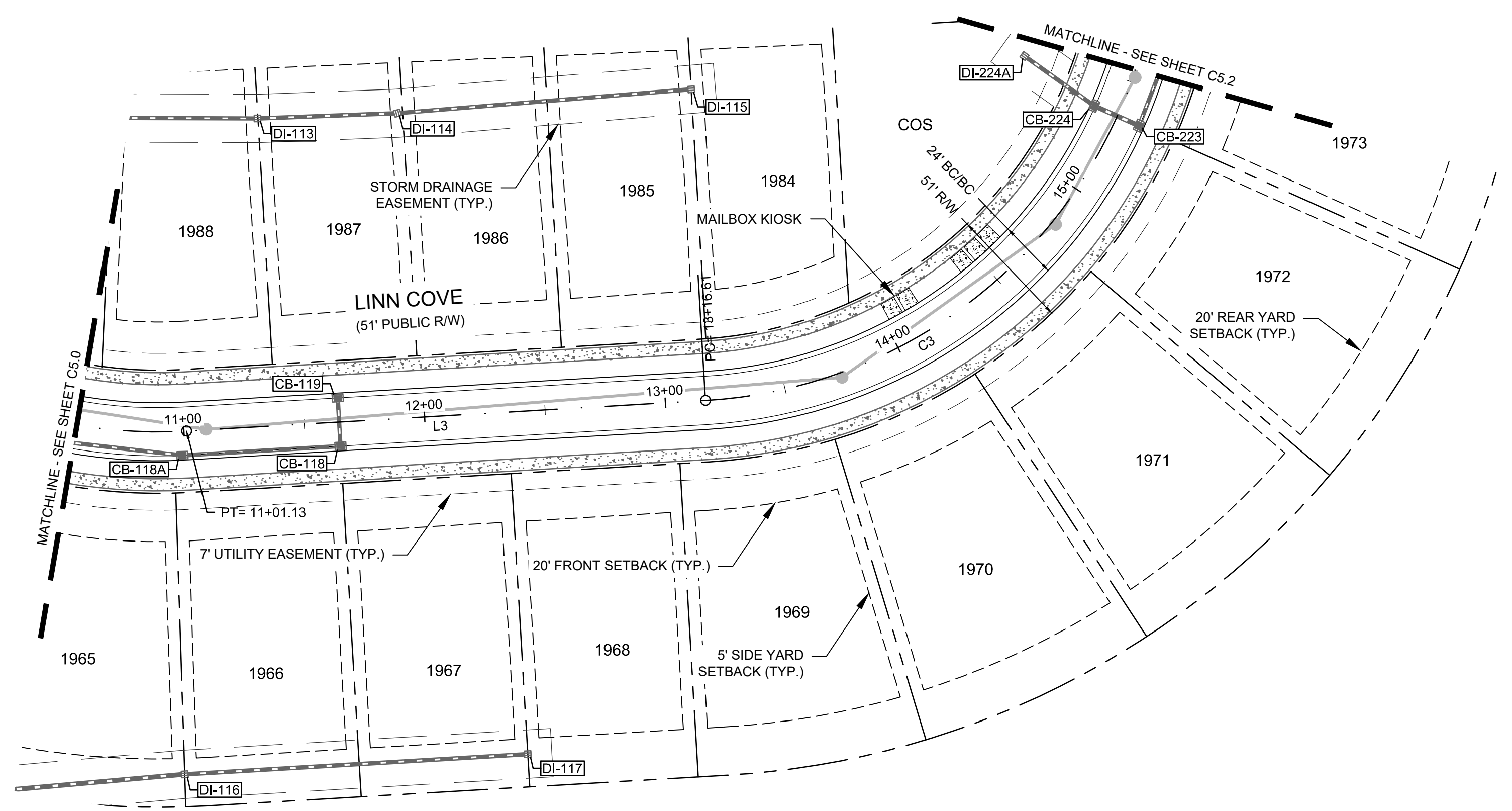
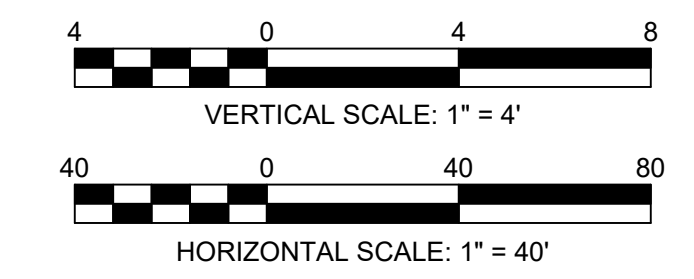
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 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
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 community infrastructure consultants
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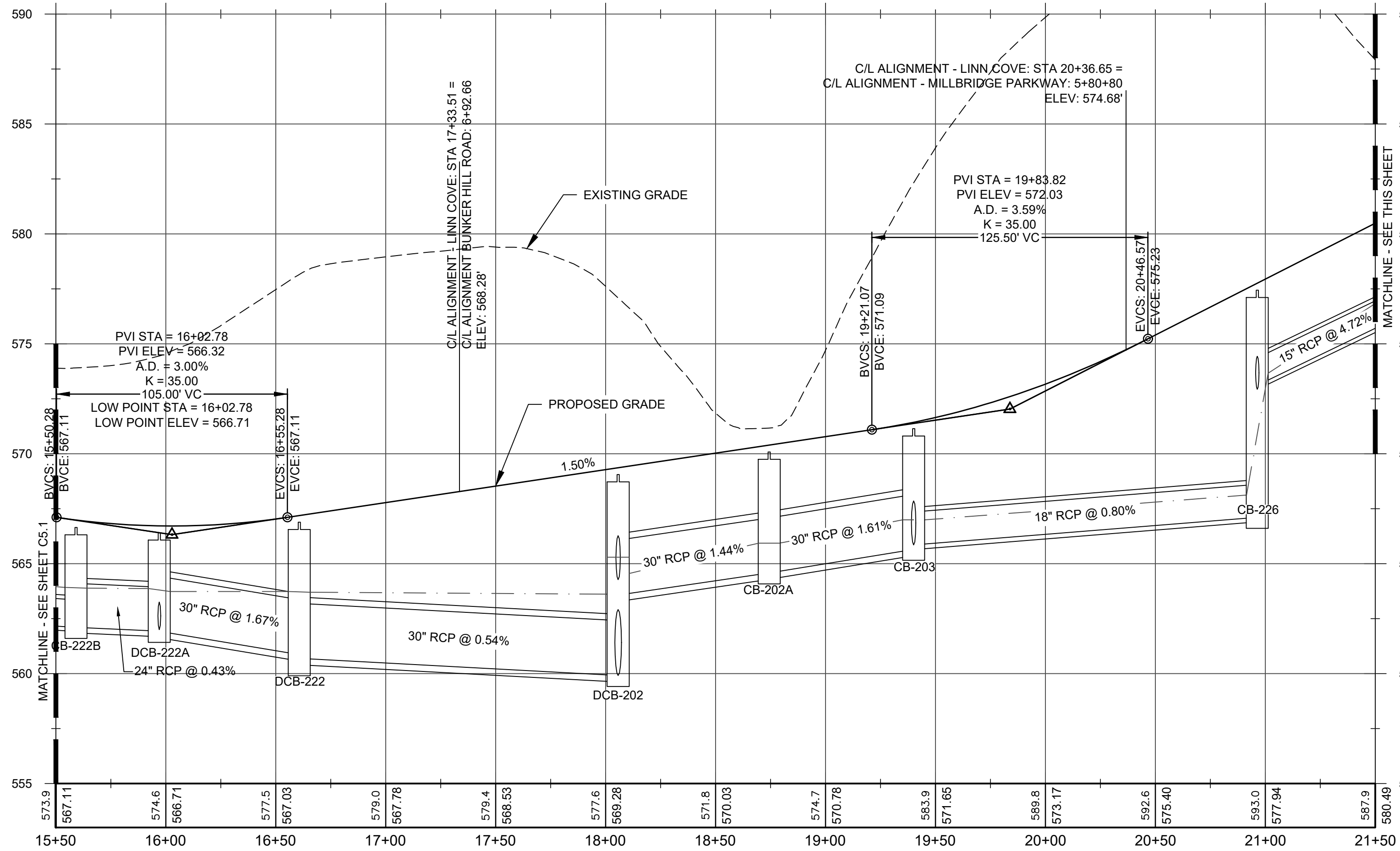
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A	07/18/2018	REVISIONS PER TOWN OF WAKHAW COMMENTS	

PROJECT NAME:
 MILLBRIDGE PHASE 7D
 FOR
 LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE:
 LINN COVE - PLAN & PROFILE

PROJ. MGR.: WGB
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 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
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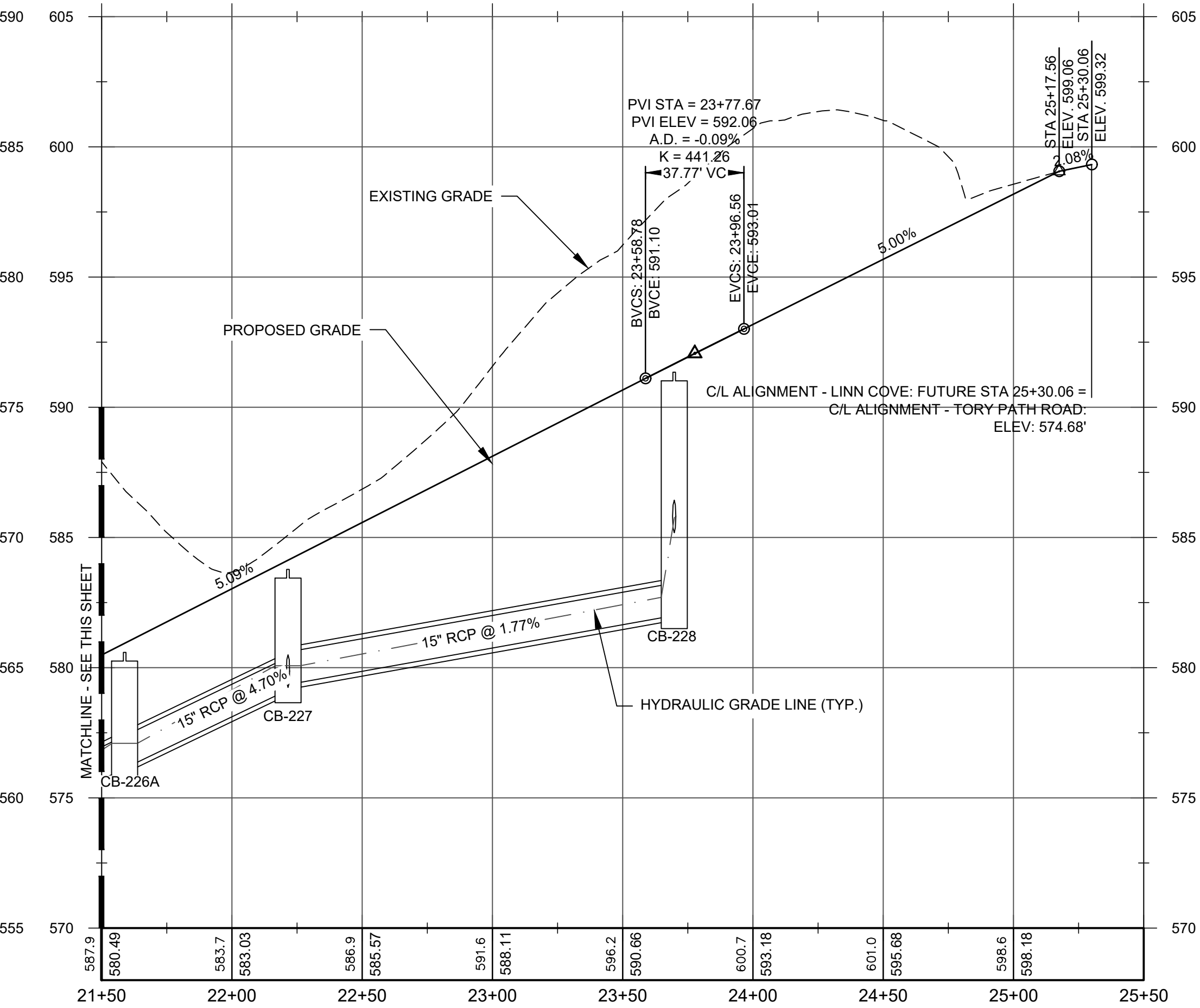
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LINN COVE PROFILE VIEW (STA 15+50.00 - STA 21+50.00)

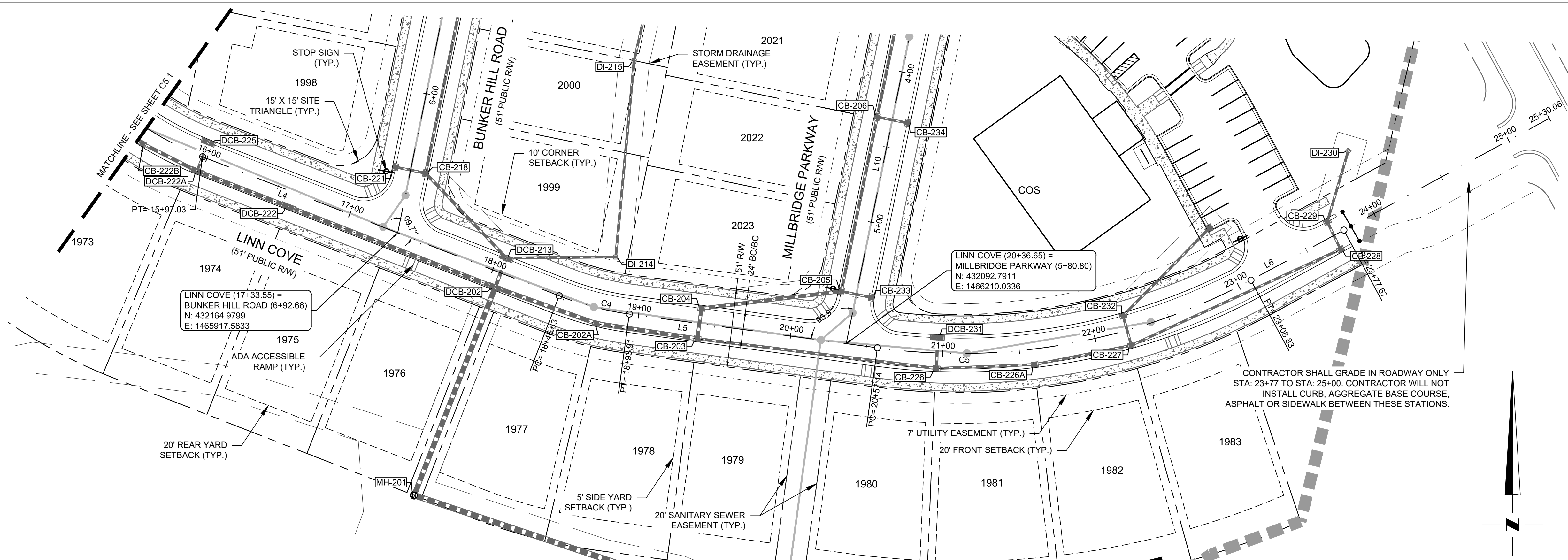
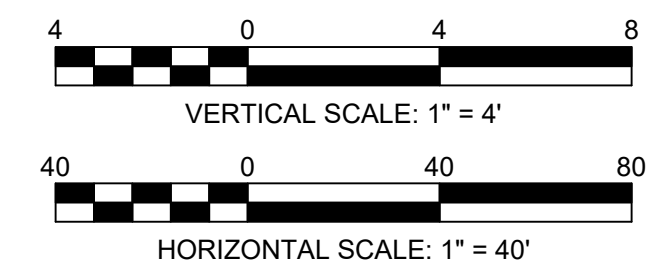
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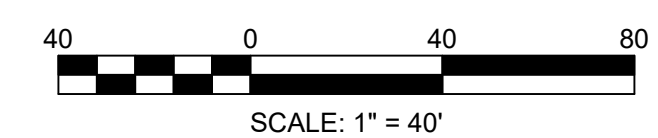


LINN COVE PROFILE VIEW (STA 21+50.00 - STA 25+50.00)

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NOTE:
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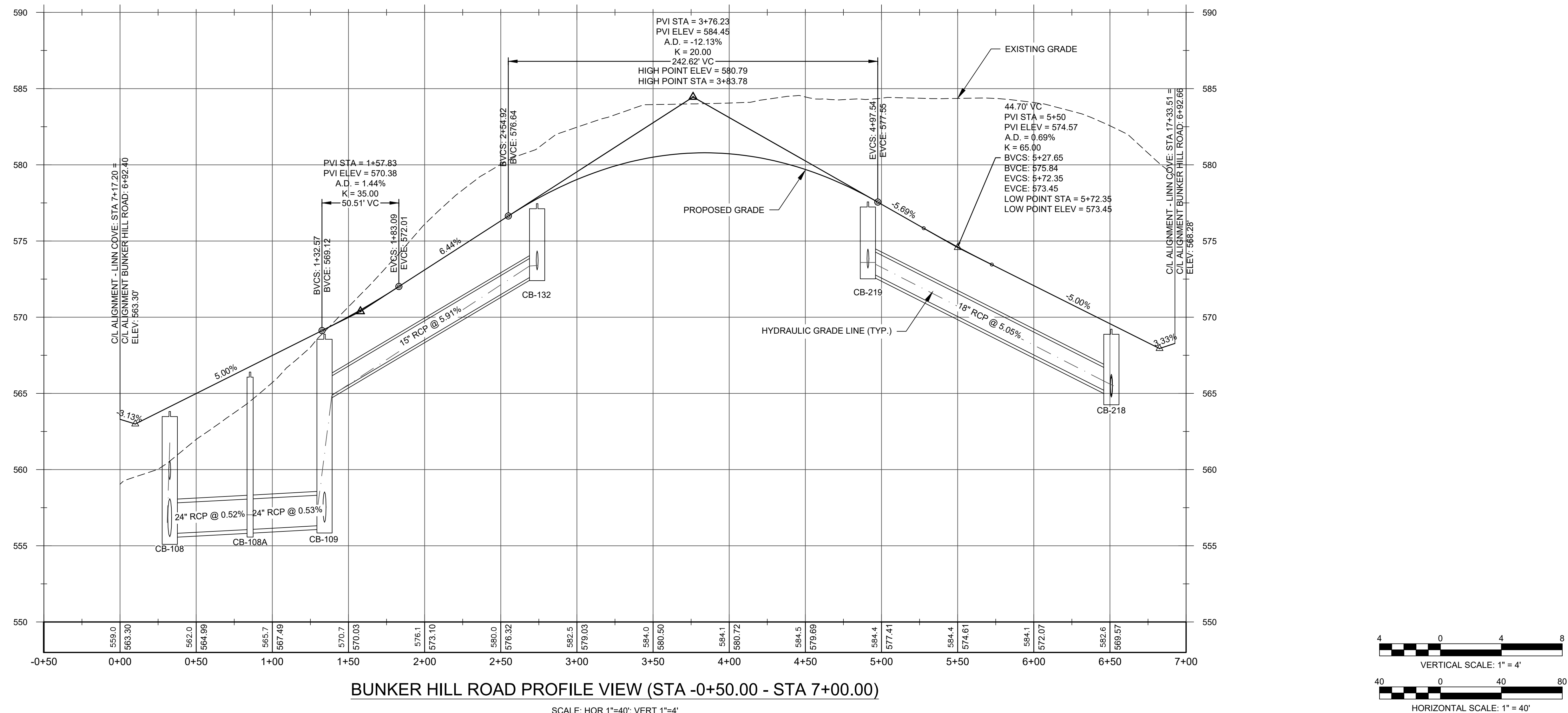
NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
B	11/19/2018		REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018		REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D
 FOR
 LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: LINN COVE - PLAN & PROFILE

PROJ. MGR.: WGB
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 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER:
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 WKD PROJ. NO.:
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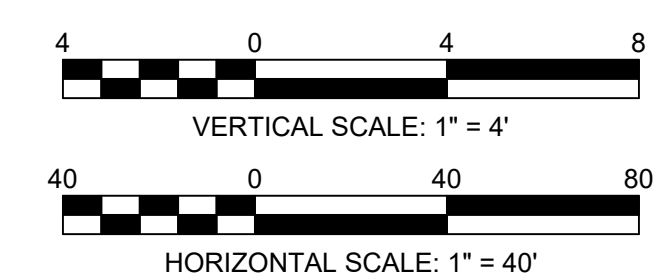
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DESIGN SPEED
30 MPH

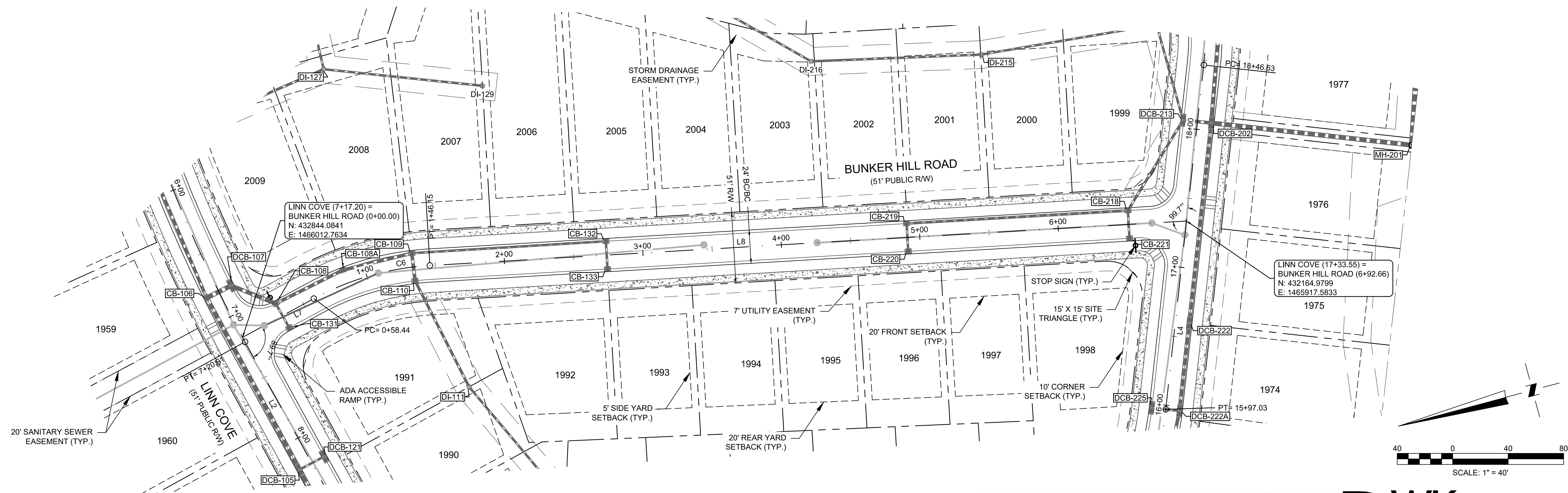
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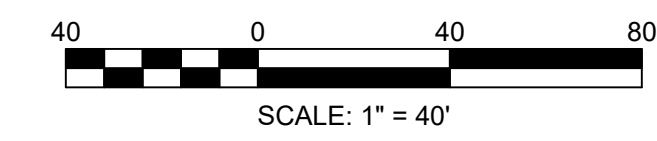
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 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-0079
 (704) 334-5348
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 NC LICENSE NO. F-0374

West-Boh
 PROFESSIONAL SEAL

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
B	11/19/2018		REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018		REVISIONS PER TOWN OF WAXHAW COMMENTS



NOTE:
SEE SHEET C1.1 FOR LINE
AND CURVE TABLE



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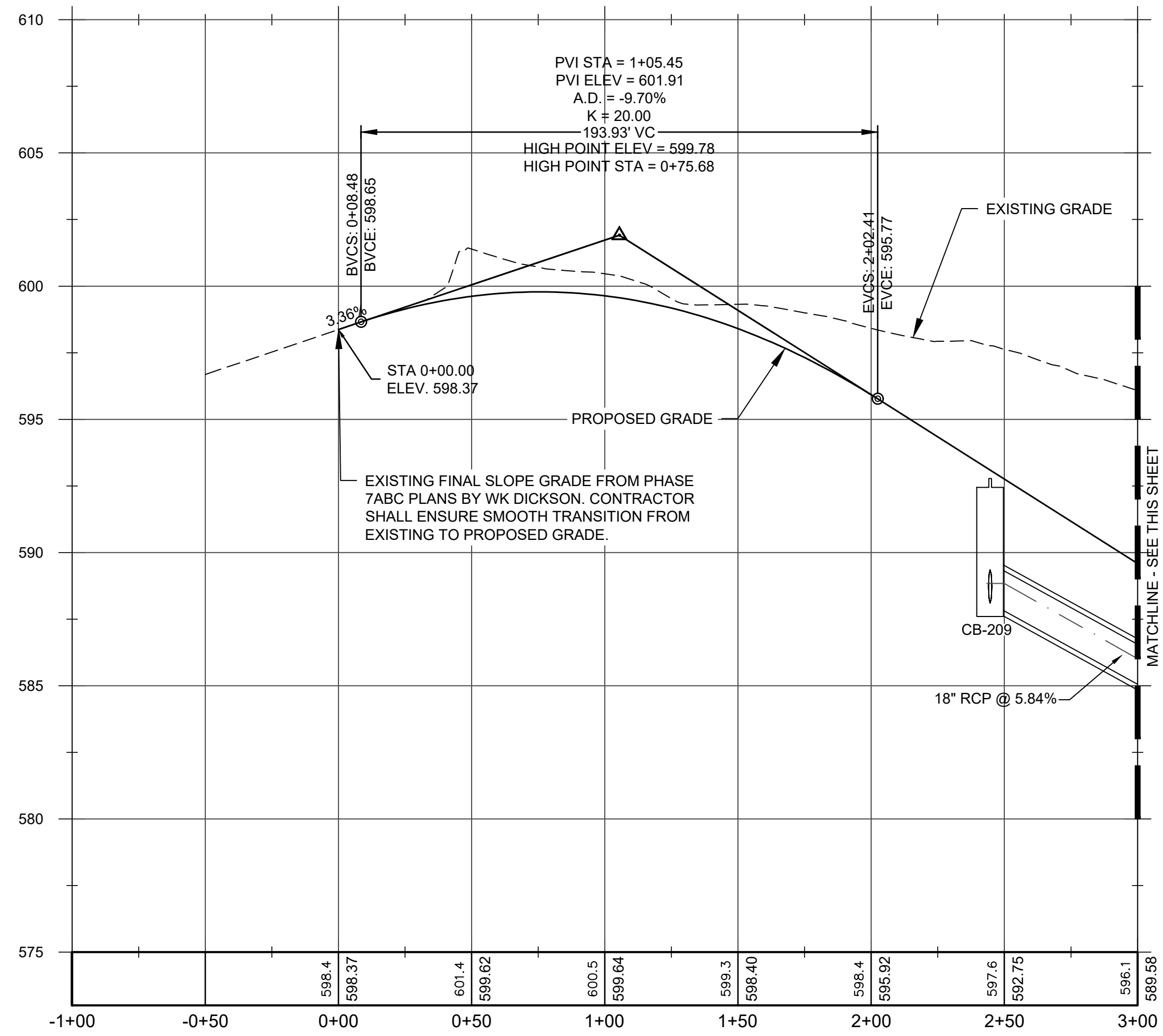
PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

DRAWING TITLE: BUNKER HILL ROAD - PLAN & PROFILE

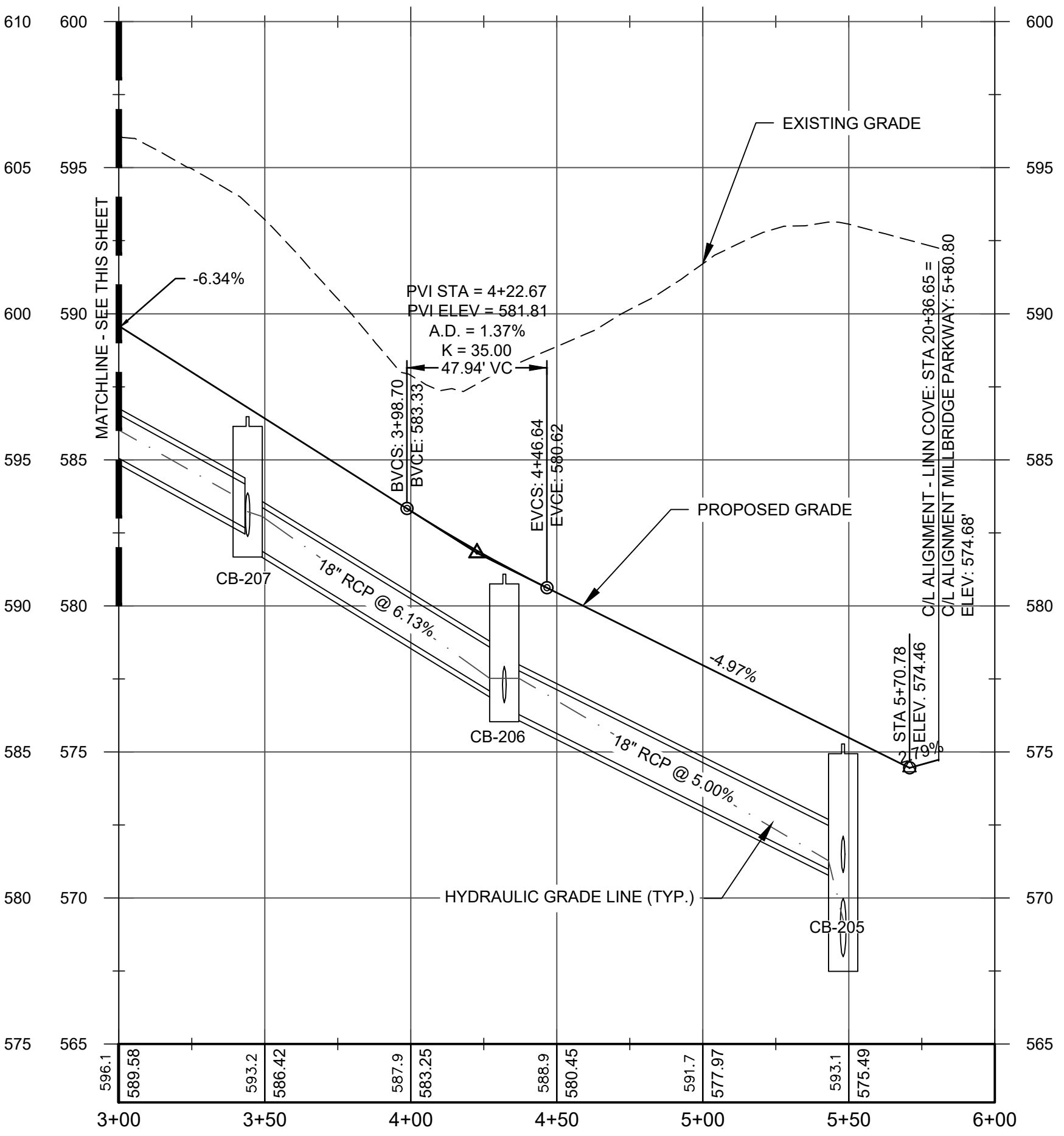
PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: **C5.3**
 WKD PROJ. NO.: 20170280.00.CL

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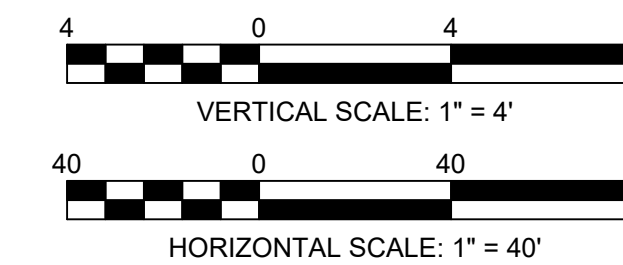
MILLBRIDGE PARKWAY PROFILE VIEW (STA -0+50.00 - STA 3+00.00)

SCALE: HOR 1"=40'; VERT 1"=4'



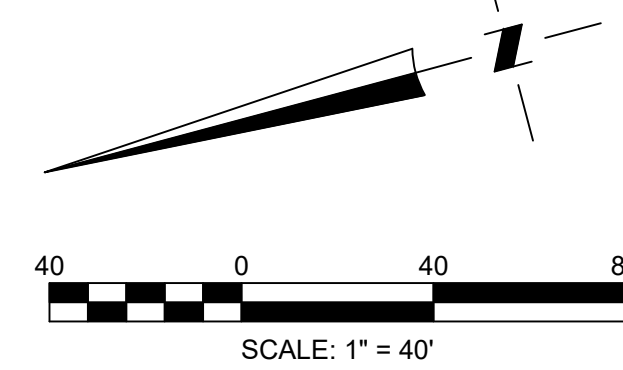
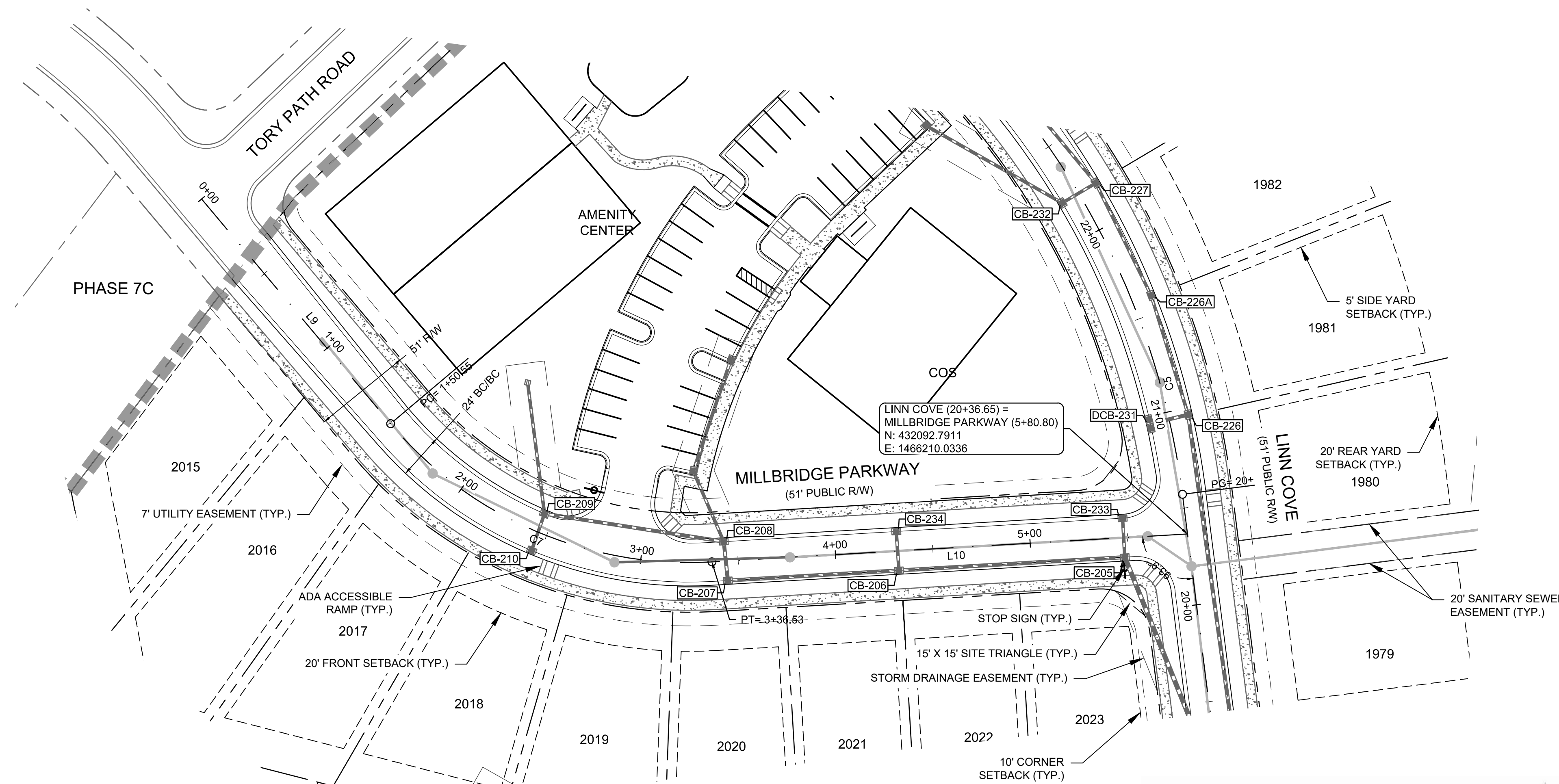
MILLBRIDGE PARKWAY PROFILE VIEW (STA 3+00.00 - STA 6+00.00)

SCALE: HOR 1"=40'; VERT 1"=4'



DESIGN SPEED
30 MPH

POSTED SPEED
25 MPH



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616 COLONNADE DR
CHARLOTTE, NC 28205
(704) 334-0078
(704) 334-5348

WWW.WKDICKSON.COM

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PROFESSIONAL SEAL

WESTON G. BLOOM
REGISTERED PROFESSIONAL ENGINEER
No. 112018

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	

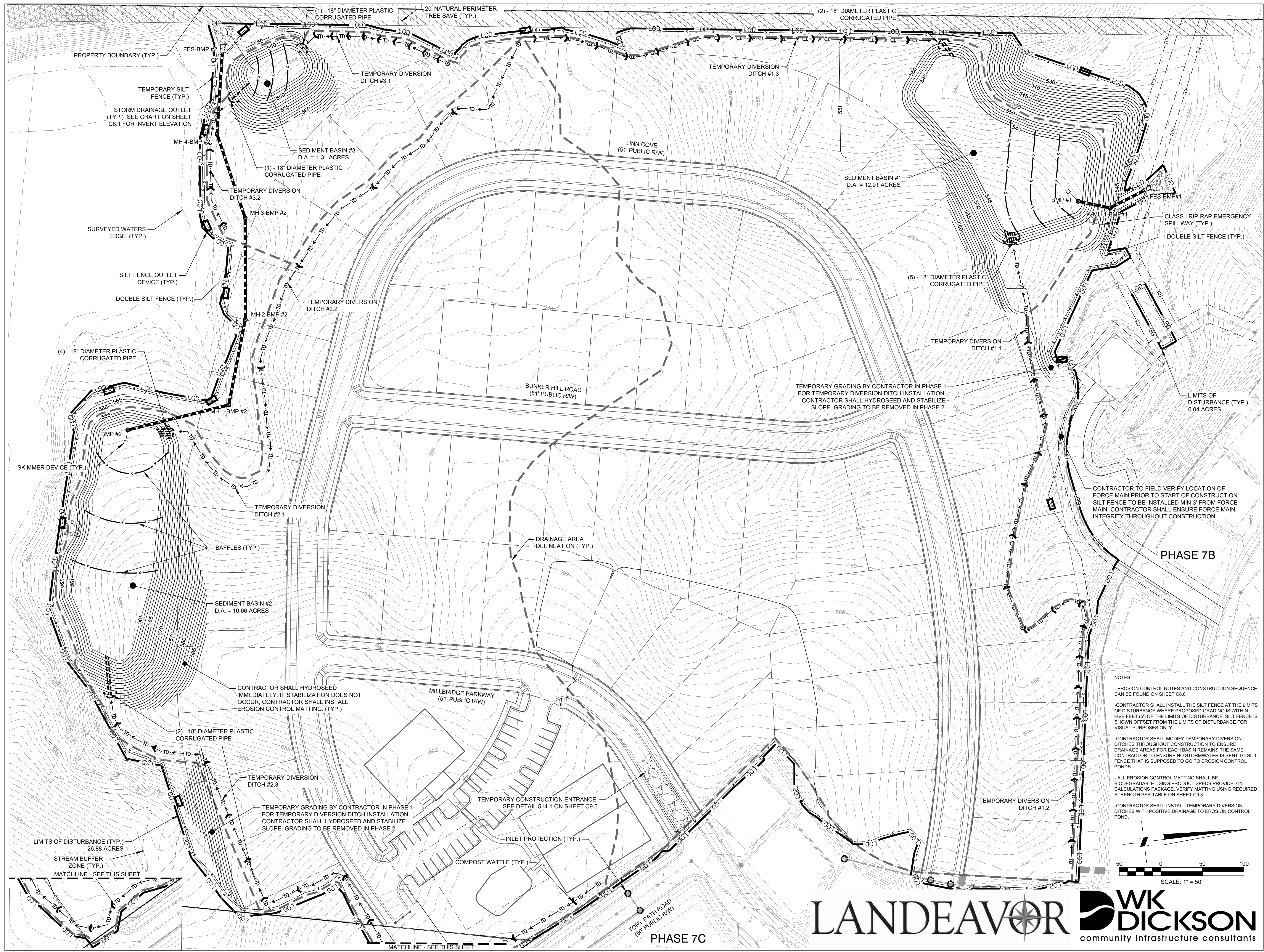
PROJECT NAME:
MILLBRIDGE PHASE 7D
FOR
LANDEAVOR LLC.
9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

DRAWING TITLE:
MILLBRIDGE PARKWAY - PLAN & PROFILE

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: MAY 2018
DRAWING NUMBER:
C5.4
WKD PROJ. NO.:
20170280.00.CL

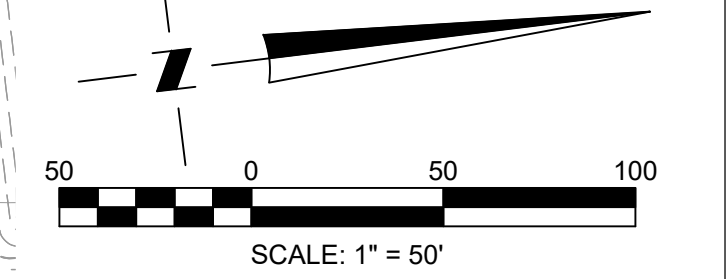
PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

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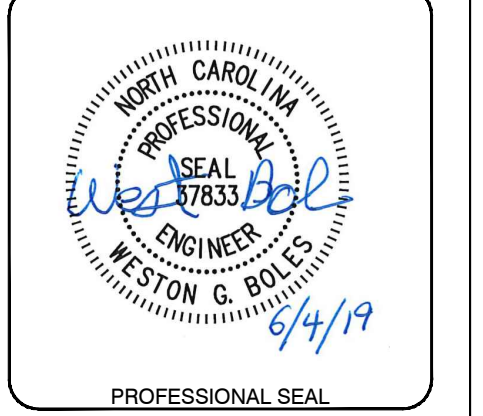


NOTES:

- EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE CAN BE FOUND ON SHEET C8.0
- CONTRACTOR SHALL INSTALL THE SILT FENCE AT THE LIMITS OF DISTURBANCE WHERE PROPOSED GRADING IS WITHIN FIVE FEET (5') OF THE LIMITS OF DISTURBANCE. SILT FENCE IS SHOWN OFFSET FROM THE LIMITS OF DISTURBANCE FOR VISUAL PURPOSES ONLY.
- CONTRACTOR SHALL MODIFY TEMPORARY DIVERSION DITCHES THROUGHOUT CONSTRUCTION TO ENSURE DRAINAGE AREAS FOR EACH BASIN REMAINS THE SAME. CONTRACTOR TO ENSURE NO STORMWATER IS SENT TO SILT FENCE THAT IS SUPPOSED TO GO TO EROSION CONTROL PONDS.
- ALL EROSION CONTROL MATTING SHALL BE BIODEGRADABLE USING PRODUCT SPECS PROVIDED IN CALCULATIONS PACKAGE. VERIFY MATTING USING REQUIRED STRENGTH PER TABLE ON SHEET C8.3
- CONTRACTOR SHALL INSTALL TEMPORARY DIVERSION DITCHES WITH POSITIVE DRAINAGE TO EROSION CONTROL POND.



WK DICKSON
 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-9079
 (704) 334-5348
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NO.	DATE	DESCRIPTION
1	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
2	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
3	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
4	6/03/2019	OUTLET BOX CHANGES PER CONTRACTOR COMMENTS

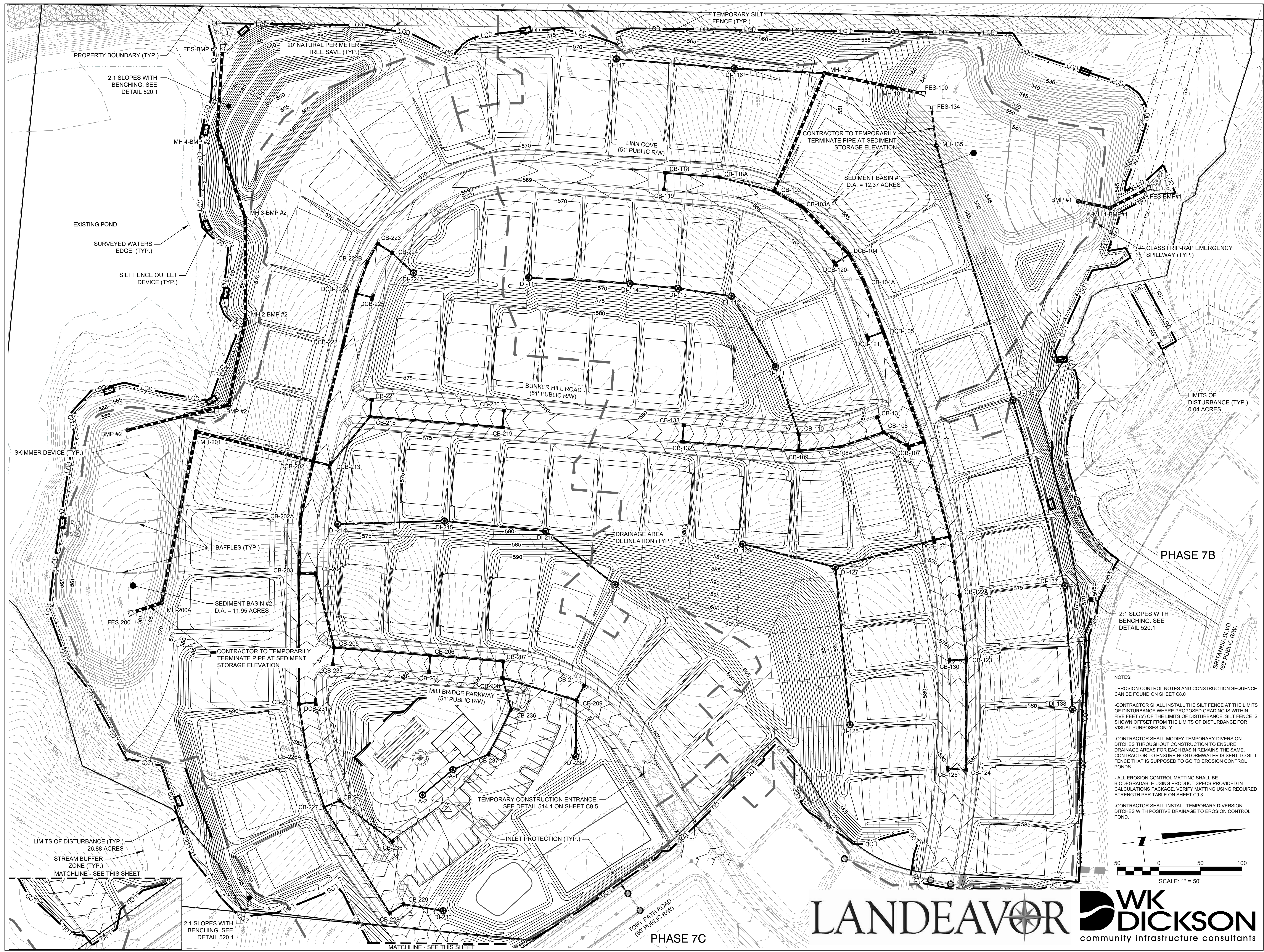
PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
DRAWING TITLE: EROSION CONTROL - PHASE 1

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: MAY 2018
DRAWING NUMBER: C6.0
 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 6/4/2019



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 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
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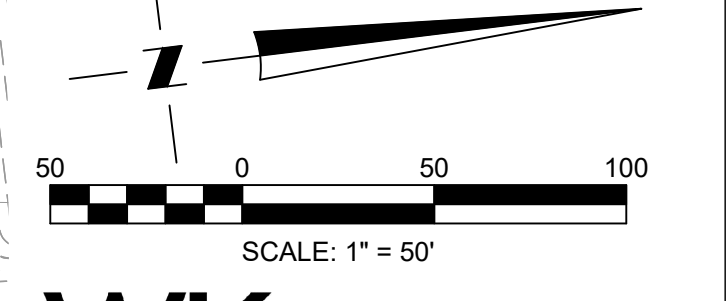
NO.	DATE	DESCRIPTION
3	4/21/2020	REVISIONS PER TOWN OF WAXHAW COMMENTS ON MINOR REVISIONS
2	3/24/2020	AMENITY CENTER MINOR REVISIONS TO APPROVED PLANS
D	6/03/2019	OUTLET BOX CHANGES PER CONTRACTOR COMMENTS
C	2/27/2019	ADDITION OF MILLBRIDGE TO CUP APPROVED CONDITIONS
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: EROSION CONTROL - PHASE 2

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: APRIL 2020
 DRAWING NUMBER:
C6.1
 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 4/28/2020

NOTES:
 - EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE CAN BE FOUND ON SHEET C8.0
 - CONTRACTOR SHALL INSTALL THE SILT FENCE AT THE LIMITS OF DISTURBANCE WHERE PROPOSED GRADING IS WITHIN FIVE FEET (5') OF THE LIMITS OF DISTURBANCE. SILT FENCE IS SHOWN OFFSET FROM THE LIMITS OF DISTURBANCE FOR VISUAL PURPOSES ONLY.
 - CONTRACTOR SHALL MODIFY TEMPORARY DIVERSION DITCHES THROUGHOUT CONSTRUCTION TO ENSURE DRAINAGE AREAS FOR EACH BASIN REMAINS THE SAME. CONTRACTOR TO ENSURE NO STORMWATER IS SENT TO SILT FENCE THAT IS SUPPOSED TO GO TO EROSION CONTROL PONDS.
 - ALL EROSION CONTROL MATTING SHALL BE BIODEGRADABLE USING PRODUCT SPECS PROVIDED IN CALCULATIONS PACKAGE. VERIFY MATTING USING REQUIRED STRENGTH PER TABLE ON SHEET C3.3
 - CONTRACTOR SHALL INSTALL TEMPORARY DIVERSION DITCHES WITH POSITIVE DRAINAGE TO EROSION CONTROL POND.

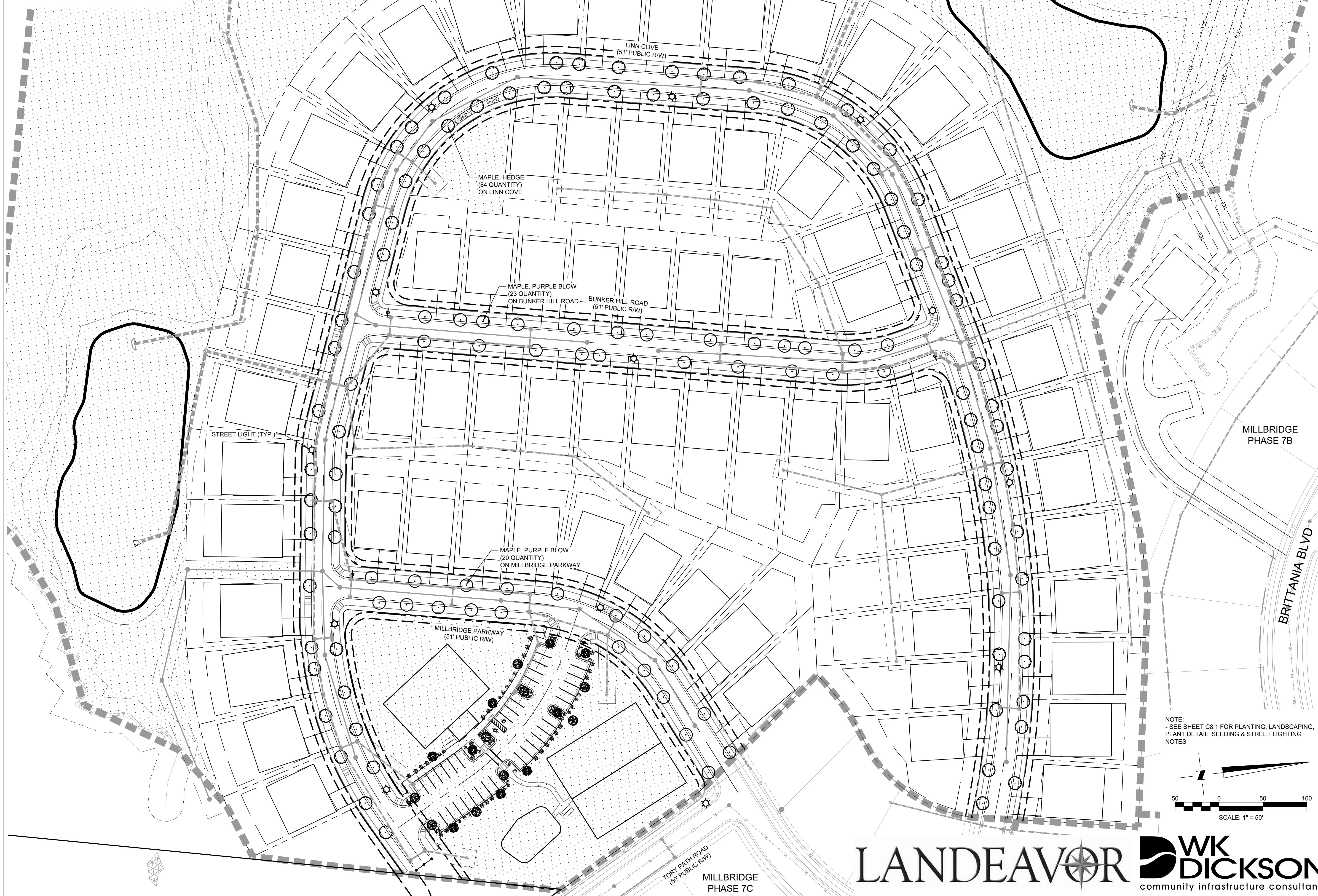


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STREET TREE PLANT SCHEDULE

QTY.	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	MATURE WIDTH	MIN. CALIPER	MIN. HEIGHT	COND.	ROADWAY	SYM.
20	ACER TRUNCATUM	MAPLE, PURPLE BLOW	25'	25'	2"	8'	B&B	MILLBRIDGE PARKWAY	○
84	ACER, CAMPESTRE	MAPLE, HEDGE	25'	25'	2"	8'	B&B	LINN COVE	○
23	ACER TRUNCATUM	MAPLE, PURPLE BLOW	25'	25'	2"	8'	B&B	BUNKER HILL ROAD	○

QTY.	STRUCTURE NAME	SYM.
12	PROPOSED LIGHT POLE	⊛



NOTE:
 - SEE SHEET C8.1 FOR PLANTING, LANDSCAPING, PLANT DETAIL, SEEDING & STREET LIGHTING NOTES

SCALE: 1" = 50'

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WK DICKSON
 community infrastructure consultants

616 COLONNADE DR
 CHARLOTTE, NC 28205
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 (704) 334-5348
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PROFESSIONAL SEAL

WEST-BEL
 ENGINEER
 1/26/18

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	

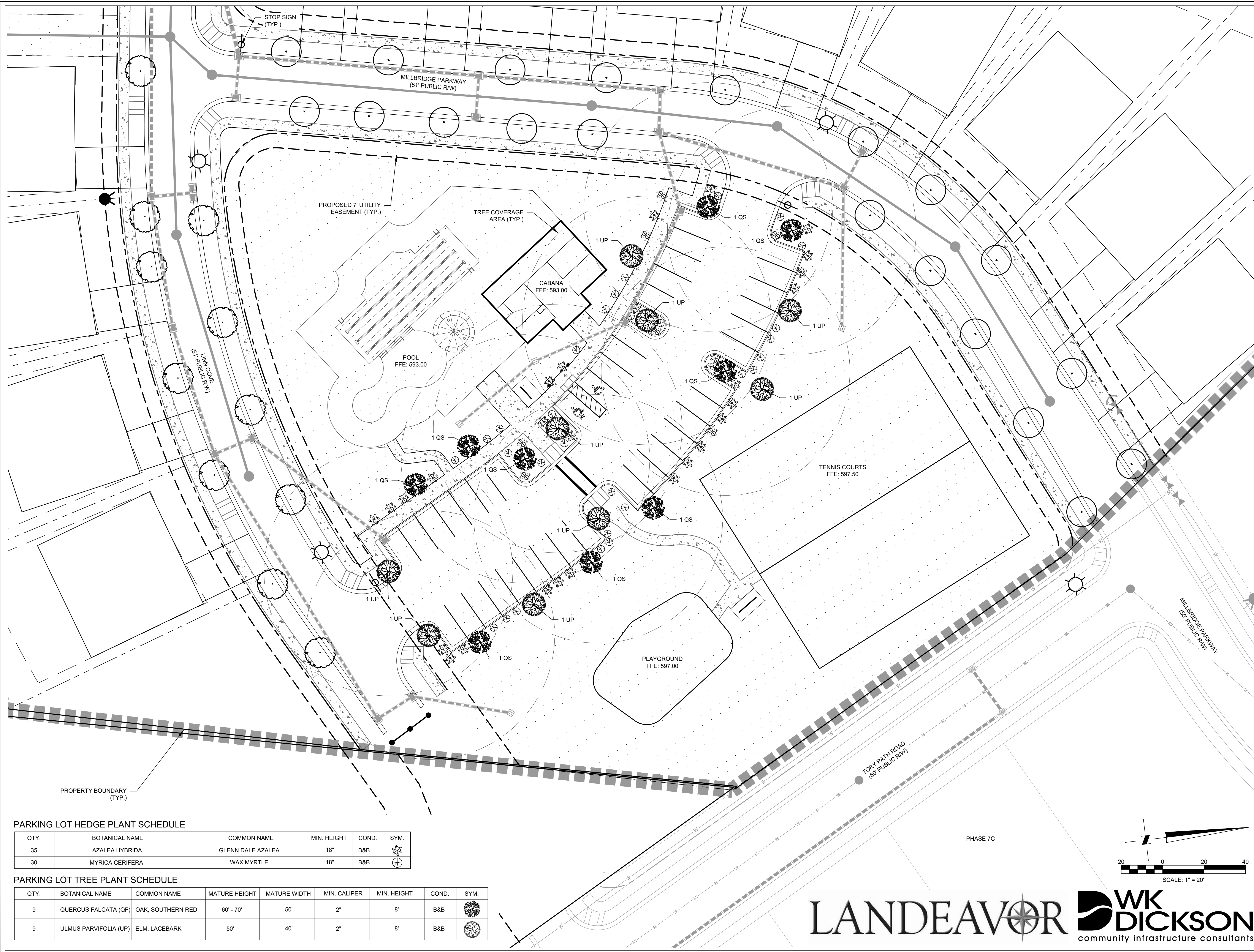
PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC, 9101 SOUTHERN PINE BLVD, CHARLOTTE, NC 28273

DRAWING TITLE: LANDSCAPE PLAN

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C7.0
 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

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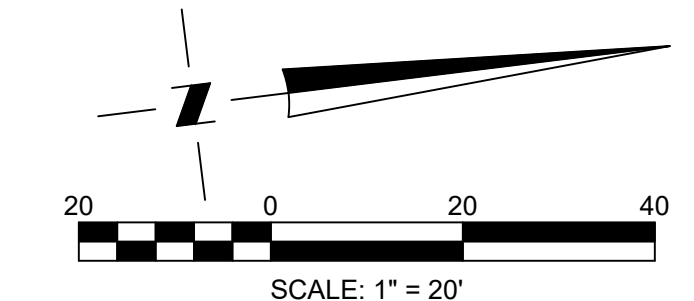


PARKING LOT HEDGE PLANT SCHEDULE

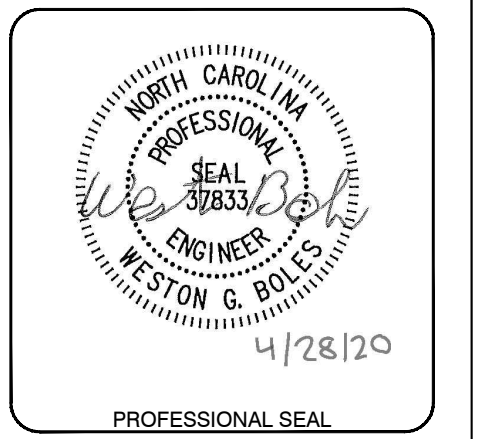
QTY.	BOTANICAL NAME	COMMON NAME	MIN. HEIGHT	COND.	SYM.
35	AZALEA HYBRIDA	GLENN DALE AZALEA	18"	B&B	
30	MYRICA CERIFERA	WAX MYRTLE	18"	B&B	

PARKING LOT TREE PLANT SCHEDULE

QTY.	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	MATURE WIDTH	MIN. CALIPER	MIN. HEIGHT	COND.	SYM.
9	QUERCUS FALCATA (QF)	OAK, SOUTHERN RED	60' - 70'	50'	2"	8'	B&B	
9	ULMUS PARVIFOLIA (UP)	ELM, LACEBARK	50'	40'	2"	8'	B&B	



WK DICKSON
 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-6078
 (704) 334-5348
 WWW.WKDICKSON.COM
 NC LICENSE NO. F-0374



NO.	DATE	DESCRIPTION	BY
3	4/21/2020	REVISIONS PER TOWN OF WAKHAW COMMENTS ON MINOR REVISIONS	CJH
C	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS	WGB
B	11/19/2018	REVISIONS PER TOWN OF WAKHAW COMMENTS	CJH
A	07/18/2018	REVISIONS PER TOWN OF WAKHAW COMMENTS	CJH

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: AMENITY LANDSCAPE PLAN

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: APRIL 2020
 DRAWING NUMBER: C7.1
 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 4/28/2020

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GENERAL NOTES:

- 1. CONTRACTOR SHALL ENSURE THAT ADJOINING PARCEL'S UTILITIES REMAIN IN SERVICE AT ALL TIMES.
2. SURVEY INFORMATION WAS OBTAIN FROM AN ALTA SURVEY COMPLETED BY MCKIM & CREED SIGNED JUNE 24, 2008 AND A SUPPLEMENT SURVEY COMPLETED BY SUMMIT OF THE CAROLINAS, P.C. ON FEBRUARY 2016.
3. TOPOGRAPHY FOR THIS SECTION OF MILLBRIDGE IS A COMPIATION OF AERIAL SURVEY OBTAINED FROM LANDDESIGN, INC. ON OCTOBER 30, 2013. ROADWAY CONNECTION ELEVATIONS FOR PHASE 7C WERE OBTAINED FROM MILLBRIDGE PHASE 7ABC CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL VERIFY ELEVATIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. SURVEY HORIZONTAL REFERENCE: NAD 83
5. SURVEY VERTICAL REFERENCE: NAVD88
6. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJOINING PARCEL THROUGHOUT THE CONSTRUCTION PROCESS.
7. SHORING WILL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS PART 1926, SUBPART P OR AS AMENDED.
8. ALL NEWLY CREATED ROADS ARE PROPOSED FOR ACCEPTANCE INTO THE TOWN OF WAXHAW ROADWAY SYSTEM.
9. PIPE SYSTEMS, CHANNELS, OR RETAINING WALLS LOCATED IN COMMON OPEN SPACE ARE THE MAINTENANCE RESPONSIBILITY OF THE HOMEOWNERS ASSOCIATION FOR THIS DEVELOPMENT.
10. PIPE SYSTEMS, CHANNELS, OR RETAINING WALLS LOCATED ON LOTS ARE THE MAINTENANCE RESPONSIBILITY OF THE INDIVIDUAL HOMEOWNER OR THE HOMEOWNERS ASSOCIATION.
11. ALL STORM DRAINAGE PIPES ARE TO BE CLASS III NCDOT APPROVED RCP UNLESS OTHERWISE NOTED
12. THE PURPOSE OF THE STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NOT PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.
13. WETLAND INFORMATION OBTAINED FROM WETLAND AND ENVIRONMENTAL PLANNING GROUP DATED 10/14/16 & 5/12/17. PER FEMA MAP PANEL 4463 & 4473, THE FLOODPLAIN IS NOT BEING DISTURBED.

DEMOLITION/EXISTING CONDITIONS NOTES:

- 1. CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC AS NECESSARY TO ENSURE THE SAFETY OF THE PUBLIC.
3. ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE PLACED IN ACCORDANCE WITH THE STANDARDS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND THE TOWN OF WAXHAW.
4. SHORING WILL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS PART 1926, SUBPART P OR AS AMENDED.
5. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL ESTABLISH EROSION CONTROL MEASURES PRIOR TO DEMOLITION OF EXISTING STRUCTURES AND AN EROSION CONTROL INSPECTION IS REQUIRED UPON COMPLETION OF THE EROSION CONTROL INSTALLATION BEFORE ANY FURTHER CLEARING OR GRADING CAN BE COMMENCED.
6. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL RULES AND REGULATIONS CONCERNING THE DEMOLITION AND REMOVAL OFFSITE OF ALL CONSTRUCTION DEBRIS.
7. CONTRACTOR SHALL COMPLETE DEMOLITION WORK IN AN EXPEDITIOUS AND TIMELY MANNER.
8. EXISTING STRUCTURES SHALL BE DEMOLISHED UNDER A SEPARATE DEMOLITION PERMIT OBTAINED BY THE DEVELOPER/OWNER.
9. ABANDONMENT OR REMOVAL OF EXISTING WELLS, SEPTIC SYSTEMS AND ASSOCIATED APPURTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH REGULATORY GUIDELINES AND PROCEDURES ESTABLISHED BY THE NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES, AND ANY ASSOCIATED REGULATORY AGENCIES.
10. DEMOLITION CONTRACTOR, AND ASSOCIATED SUBCONTRACTORS, ARE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH EACH AFFECTED UTILITY COMPANY PRIOR TO THE REMOVAL OR DISCONNECTING OF ANY EXISTING SERVICES ON SITE.
11. SURVEY WAS PERFORMED PRIOR TO DEMOLITION OF SOME STRUCTURES ON SITE. CONTRACTOR SHALL CONFIRM ITEMS TO BE DEMOLISHED. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A DEMOLITION PERMIT AND ANY ANCILLARY PERMITS FOR DEMOLITION OF REMAINING ITEMS.
12. CONTRACTOR SHALL CONTACT ALL AFFECTED UTILITY COMPANIES PRIOR TO BEGINNING DEMOLITION.

SITE NOTES:

- 1. ALL RADII DIMENSIONS SHOWN ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED.
2. MINIMUM CROSS SLOPE ON ALL ASPHALT TO BE 3/8" PER FOOT.
3. ALL HANDICAP ACCESS RAMPS SHALL COMPLY WITH THE LATEST EDITION OF THE ADA ACCESSIBILITY GUIDELINES.
4. SIGHT TRIANGLES SHOWN ARE THE MINIMUM REQUIRED.
5. NO OBSTRUCTIONS, PLANTINGS, OR FENCES SHALL BE PERMITTED WITHIN SIGHT TRIANGLES, STORM DRAINAGE EASEMENTS AND SANITARY SEWER EASEMENTS.

MATERIAL/STREET/SIDEWALK NOTES:

- 1. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES UNLESS OTHERWISE SPECIFIED IN THIS MANUAL.
2. ALL ASPHALT CUTS SHALL BE MADE WITH A SAW WHEN PREPARING STREET SURFACES FOR PATCHING OR WIDENING STRIPS. PAPER JOINTS SHALL BE USED TO SEAL THE ENDS OF AN ASPHALT POUR SO THAT FUTURE EXTENSIONS CAN BE MADE WITHOUT CAUSING ROUGH JOINTS.
3. WHEN PLACING ASPHALT AGAINST EXISTING SURFACES, A STRAIGHT EDGE SHALL BE USED TO PREVENT "HUMPING" AT THAT LOCATION. STONE SHALL BE PRIMED IF PAVING IS NOT COMPLETE WITHIN SEVEN DAYS FOLLOWING STONE BASE APPROVAL.
4. SURFACES SHALL BE TACKED WHEN ASPHALT IS BEING PLACED OVER EXISTING ASPHALT STREETS OR ADJOINING CONCRETE, STORM DRAIN AND SANITARY SEWER STRUCTURES.
5. IN ROLLING AND HILLY TERRAINS, SWEEPING OF THE STONE BASE AND/OR APPLICATION OF A TACK COAT MAY BE REQUIRED NEAR INTERSECTIONS. THESE REQUIREMENTS WILL BE ESTABLISHED BY THE INSPECTOR AND BASED ON FIELD CONDITIONS.
6. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 PSI AT 28 DAYS. THE CONTRACTOR SHALL PREPARE CONCRETE TEST CYLINDERS IN ACCORDANCE WITH SECTION 1000 OF THE NCDOT STANDARD SPECIFICATIONS AT THE DIRECTION OF THE PROJECT INSPECTOR. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT AND CYLINDER Molds. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE CYLINDERS UNTIL, SUCH TIME AS THEY ARE TRANSPORTED FOR TESTING. AN INDEPENDENT TESTING LAB SHALL PERFORM TESTING FOR PROJECTS, AT NO COST TO THE CITY/COUNTY. THE CONTRACTOR SHALL PROVIDE EQUIPMENT AND PERFORM TESTS ON CONCRETE FOR A MAXIMUM SLUMP AND AIR CONTENT AS DEFINED IN SECTION 1000 OF THE NCDOT STANDARD SPECIFICATIONS. THESE TESTS SHALL BE PERFORMED AT A FREQUENCY ESTABLISHED BY THE INSPECTOR. THE CONTRACTOR SHALL REMOVE MATERIALS FAILING TO MEET SPECIFICATIONS.
7. ALL CONCRETE SHALL BE CURED WITH 100% RESIN BASE, WHITE PIGMENTED CURING COMPOUND WHICH MEETS A.S.T.M. SPECIFICATIONS C-309, TYPE 1, APPLIED AT A UNIFORM RATE AT ONE (1) GALLON TO 400 SQUARE FEET WITHIN 24 HOURS OF PLACEMENT OF THE CONCRETE. ALL CURB AND GUTTER SHALL BE BACKFILLED WITH SOIL APPROVED BY THE INSPECTOR WITHIN 48 HOURS AFTER CONSTRUCTION TO PREVENT EROSION.
8. ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATIVE MATTER, WASTE, CONSTRUCTION MATERIAL OR OTHER OBJECTIONABLE MATERIAL. SAID MATERIAL SHALL BE CAPABLE OF BEING COMPACTED BY MECHANICAL MEANS AND THE MATERIAL SHALL HAVE NO TENDENCY TO FLOW OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMPING BLOWS OR PROOF ROLLING.
9. MATERIALS DEEMED BY THE INSPECTOR AS UNSUITABLE FOR BACKFILL PURPOSES SHALL BE REMOVED AND REPLACED WITH SELECT BACKFILL MATERIAL.
10. ALL TRENCHES IN THE STREET RIGHT-OF-WAY SHALL BE BACKFILLED WITH SUITABLE MATERIAL IMMEDIATELY AFTER THE PIPE IS LAID. THE FILL AROUND ALL PIPE SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX (6) INCHES AND EACH LAYER SHALL BE COMPACTED THOROUGHLY.
11. UNDER NO CIRCUMSTANCES SHALL WATER BE PERMITTED TO RISE IN UNBACKFILLED TRENCHES AFTER THE PIPE HAS BEEN PLACED. COMPACTION REQUIREMENTS SHALL BE ATTAINED BY THE USE OF MECHANICAL COMPACTION METHODS. EACH SIX (6) INCH LAYER OF BACKFILL SHALL BE PLACED LOOSE AND THOROUGHLY COMPACTED INTO PLACE.
12. STRAIGHT FORMS SHALL NOT BE USED FOR FORMING CURB AND GUTTER IN CURVES.
13. ALL EXCESS CONCRETE ON THE FRONT EDGE (LIP) OF GUTTER SHALL BE REMOVED WHEN CURB AND GUTTER IS POURED WITH A MACHINE.
14. ALL SUBGRADE SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST TO A DEPTH OF EIGHT (8) INCHES, AND A DENSITY OF 95% STANDARD PROCTOR FOR DEPTHS GREATER THAN EIGHT (8) INCHES. THE DEVELOPER SHALL PERFORM ALL TESTS AT NO COST TO THE CITY/COUNTY.
15. A CANVAS COVER OR OTHER SUITABLE COVER SHALL BE REQUIRED FOR TRANSPORTING PLANT MIX ASPHALT DURING COOL WEATHER WHEN THE FOLLOWING CONDITIONS ARE PRESENT:
A. AIR TEMPERATURE IS BELOW 60 DEGREES F.
B. LENGTH OF HAUL FROM PLANT TO JOB IS GREATER THAN FIVE (5) MILES.
C. OTHER OCCASIONS AT THE INSPECTOR'S DISCRETION WHEN A COMBINATION OF FACTORS INDICATES THAT MATERIAL SHOULD BE COVERED IN ORDER TO ASSURE PROPER PLACEMENT TEMPERATURE.
16. CONCRETE OR ASPHALT SHALL NOT BE PLACED UNTIL THE AIR TEMPERATURE MEASURED AT THE LOCATION OF THE CONCRETING OPERATION IS AT 35 DEGREES F AND RISING BY 10:00 A.M. CONCRETE OR PAVING OPERATIONS SHOULD BE SUSPENDED WHEN THE AIR TEMPERATURE IS 40 DEGREES F AND DESCENDING. THE CONTRACTOR SHALL PROTECT FRESHLY PLACED CONCRETE IN ACCORDANCE WITH SECTION 420 OF THE NCDOT STANDARD SPECIFICATIONS WHEN THE AIR TEMPERATURE IS AT OR BELOW 35 DEGREES F AND THE CONCRETE HAS NOT OBTAINED AN AGE OF 72 HOURS.
17. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES WHEN WORKING WITHIN EXISTING STREETS. THE CONTRACTOR SHALL PLACE AND MAINTAIN SIGNS, DANGER LIGHTS, BARRICADES, AND FURNISH WATCHMEN OR FLAGMEN TO DIRECT TRAFFIC IN ACCORDANCE WITH NCDOT STANDARDS.
18. THE CONTRACTOR SHALL DO THAT WHICH IS NECESSARY TO CONTROL EROSION AND TO PREVENT SEDIMENTATION DAMAGE TO ALL ADJACENT PROPERTIES AND STREAMS IN ACCORDANCE WITH THE APPROPRIATE CITY/COUNTY SEDIMENT AND EROSION CONTROL ORDINANCE.
19. SIGHT TRIANGLES SHOWN ARE THE MINIMUM REQUIRED.
20. NON-STANDARD ITEMS (IE. PAVERS, STAMPED CONCRETE, IRRIGATION SYSTEMS, ETC.) IN THE RIGHT-OF-WAY REQUIRE APPROVAL FROM TOWN OF WAXHAW AND DEPARTMENT OF TRANSPORTATION/NORTH CAROLINA DEPARTMENT OF TRANSPORTATION) BEFORE INSTALLATION.
21. CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH SPECIFICATION, CONSTRUCTION DOCUMENTS, TOWN OF WAXHAW STANDARDS, NCDEQ STANDARDS, AND NCDOT STANDARDS.

PERMANENT SEEDING SPECIFICATION

3:1 SLOPES OR FLATTER:

- 1. APPLY AGRICULTURAL LIME AT THE RATE OF **75 LBS/1000 S.F.
2. APPLY COMMERCIAL FERTILIZER AT THE RATE OF 48 LBS/1000 S.F. FOR 5-10-10 FERTILIZER, 24 LBS/1000 S.F. FOR 10-20-20 FERTILIZER, OR 20 LBS/1000 S.F. FOR 18-24-6 FERTILIZER.
3. SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND APPLICATION RATES:

Table with columns: DATE, TYPE, PLANTING RATE. Rows include: AUG. 15 - NOV. 1 TALL FESCUE 300 LBS/AC OR 7 LBS/1000 S.F., NOV. 1 - MAR. 1 TALL FESCUE AND RYE GRAIN 300 LBS/AC OR 7 LBS/1000 S.F., MAR. 1 - APR. 15 TALL FESCUE 300 LBS/AC OR 7 LBS/1000 S.F., APR. 15 - JUL. 30 HULLED COMMON BERMUDA GRASS 25 LBS/AC OR 1/2 LB/1000 S.F., JUL. 1 - AUG. 15 TALL FESCUE AND BROWN TOP MILLET OR SORGHUM SUDAN HYBRIDS 30 LBS/AC OR 3/4 LB/1000 S.F.

- 4. MULCH WITH STRAW APPLIED AT THE RATE OF 95 LBS/1000 S.F.
* HEAVILY MULCHED DURING JANUARY - MARCH PERIOD.
** CONTRACTOR MAY OBTAIN SOIL TEST TO DETERMINE AMOUNT OF LIME REQUIRED TO OBTAIN A PH RANGE OF 6.5 TO 7.0.
*** SEED TYPE, RATES AND/OR SOIL AMENDMENTS SPECIFIED ABOVE MAY BE MODIFIED AND/OR ELIMINATED IF REQUIRED BY OTHER LOCAL, STATE OR FEDERAL AGENCIES (EG. NRCS, NC COOPERATIVE EXTENSION OFFICE, ETC.). PRIOR TO MODIFICATIONS OR ELIMINATIONS, CONTRACTOR SHALL SUBMIT WRITTEN DOCUMENTATION SUPPORTING THE REQUEST FOR APPROVAL PRIOR TO MAKING MODIFICATION.

SLOPES GREATER THAN 3:1

- 1. APPLY AGRICULTURAL LIME AT A RATE OF **90 LBS/1000 S.F.
2. APPLY COMMERCIAL FERTILIZER AT THE RATE OF 48 LBS/1000 S.F. FOR 5-10-10 FERTILIZER, 24 LBS/1000 S.F. FOR 10-20-20 FERTILIZER, OR 20 LBS/1000 S.F. FOR 18-24-6 FERTILIZER.
3. SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND APPLICATION RATES:

Table with columns: DATE, TYPE, PLANTING RATE. Rows include: MAR. - JUN. 1 SERICEA LESPEDEZA 50 LBS/AC OR 1 1/2 LBS/1000 S.F., MAR. - APR. 1 ADD TALL FESCUE 150 LBS/AC OR 3 1/2 LBS/1000 S.F., JUN. - SEPT. **** TALL FESCUE AND BROWN TOP MILLET OR SORGHUM SUDAN HYBRIDS 120 LBS/AC OR 2 1/2 LBS/1000 S.F., SEPT. - MAR. 1 SERICEA LESPEDEZA 70 LBS/AC OR 1 3/4 LBS/1000 S.F., TALL FESCUE 120 LBS/AC OR 2 1/2 LBS/1000 S.F., MILLET OR SUDAN 20 LBS/AC OR 1/2 LB/1000 S.F.

- 4. MULCH APPLIED AT THE RATE OF 95 LBS/1000 S.F. AND ANCHOR WITH ASPHALT EMULSION TACK COAT APPLIED AT THE RATE OF 10-15 GAL/1000 S.F. OR 450 GAL/AC.

- * TEMPORARY RESEED SEPT. 1 AT RECOMMENDED RATES.
** CONTRACTOR MAY OBTAIN SOIL TEST TO DETERMINE AMOUNT OF LIME REQUIRED TO OBTAIN A PH RANGE OF 6.5 TO 7.0.
*** SEED TYPE, RATES AND/OR SOIL AMENDMENTS SPECIFIED ABOVE MAY BE MODIFIED AND/OR ELIMINATED IF REQUIRED BY OTHER LOCAL, STATE OR FEDERAL AGENCIES (EG. NRCS, NC COOPERATIVE EXTENSION OFFICE, ETC.). PRIOR TO MODIFICATIONS OR ELIMINATIONS, CONTRACTOR SHALL SUBMIT WRITTEN DOCUMENTATION SUPPORTING THE REQUEST FOR APPROVAL PRIOR TO MAKING MODIFICATION.

PERMANENT SEEDING NOTES

- 1. PERMANENT SEEDING, SODDING, OR OTHER MEANS OF STABILIZATION ARE REQUIRED WHEN ALL CONSTRUCTION WORK IS COMPLETED ACCORDING TO THE "SEEDING STABILIZATION TIMEFRAMES" CHART.
2. A NORTH CAROLINA DEPARTMENT OF AGRICULTURE SOILS TEST (OR EQUAL) SHOULD BE OBTAINED FOR ALL AREAS TO BE SEED, SPRIGGED, SODDED OR PLANTED. RECOMMENDED FERTILIZER AND pH ADJUSTING PRODUCTS SHOULD BE INCORPORATED TO THE SOIL.
3. USE A SEEDING MIX OF NON-INVASIVE, NATIVE SPECIES THAT WILL EVENTUALLY PROVIDE A PERMANENT GROUND COVER.
4. IMMEDIATE VEGETATIVE COVER WILL ALWAYS REQUIRE ADDITIONAL FERTILIZATION, SOIL TESTS, OVERSEEDING AND MAINTENANCE UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.

SEEDBED PREPARATION

- 1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
2. RIP THE ENTIRE AREA TO 6 INCHES DEPTH.
3. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPER PHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE SEED SCHEDULE). DO NOT USE LIME OR FERTILIZER ON STREAM BANKS OR IN WETLAND AREAS. MULCH DOES NOT NEED TO BE USED IN WETLAND AREAS.
4. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
5. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
6. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
7. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

GRADING NOTES:

- 1. ON-SITE BURIAL PITS REQUIRE AN ONSITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
2. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO FINE.
3. GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
4. COORDINATE ALL CURB AND STREET GRADES IN INTERSECTION WITH THE INSPECTOR.
5. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION SHALL BE OBTAINED BY CONTRACTOR FROM THE AFFECTED PROPERTY OWNERS.
6. IN ORDER TO ENSURE PROPER DRAINAGE, CONTRACTOR SHALL MAINTAIN A MINIMUM OF 0.5% SLOPE ON THE CURB.
7. PE SEALED SHOP DRAWINGS FOR RETAINING WALL MUST BE SUBMITTED TO CITY ENGINEERING PRIOR TO CONSTRUCTION. ENSURE THE BACKS ARE OUTSIDE RIGHT OF WAY OR 8' BELOW GRADE.
8. THE CONTRACTOR SHALL MAINTAIN EACH STREAM, CREEK, OR BACKWASH CHANNEL IN AN UNOBSTRUCTED STATE AND SHALL REMOVE FROM THE CHANNEL AND BANKS OF THE STREAM ALL DEBRIS, LOGS, TIMBER, TRASH, JUNK AND OTHER ACCUMULATIONS.
9. NON-STANDARD ITEMS (IE. PAVERS, STAMPED CONCRETE, IRRIGATION SYSTEMS, ETC.) IN THE RIGHT-OF-WAY REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE (TOWN OF WAXHAW) BEFORE INSTALLATION.
10. CONTRACTOR SHALL CONTACT INSPECTOR 48 HOURS BEFORE CONSTRUCTION.
11. THE LOCAL ENGINEERING DEPARTMENT HAS NOT REVIEWED AND DOES NOT ASSUME RESPONSIBILITY FOR THE STRUCTURAL STABILITY OF ANY EXISTING OR PROPOSED RETAINING WALLS ON THE SITE. DESIGN OF ALL RETAINING WALLS IS TO BE PER NC BUILDING CODE SECTION 1610.3. DETAILED RETAINING WALL DESIGN DRAWINGS, SEALED BY A NC LICENSED ENGINEER. UPON COMPLETION OF WALL, A NC LICENSED ENGINEER WILL SUBMIT A SEALED LETTER TO W.K. DICKSON & CO. INC. THAT RETAINING WALLS WERE CONSTRUCTED PER THE ENGINEERING DRAWINGS.
12. CONTRACTOR SHALL NOT GRADE WITHIN THE 100 YR FEMA FLOOD LINE.

TEMPORARY SEEDING SPECIFICATION

TEMPORARY SEEDING RECOMMENDATIONS FOR LATE WINTER AND EARLY SPRING

Table with columns: SEEDING MIXTURE, RATE (LB/AC). Rows include: RYE (GRAIN) 120

Table with columns: ANNUAL LESPEDEZA (KOBE IN), 50

OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

SEEDING DATES: MOUNTAINS - ABOVE 2500 FEET, FEB. 15 - MAY 15, BELOW 2500 FEET, FEB. 1 - MAY 1, PIEDMONT - JAN. 1 - MAY 1, COASTAL PLAIN - DEC. 1 - APR. 15

SOIL AMENDMENTS: FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH: APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE: RE-FERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, RE-FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

TEMPORARY SEEDING RECOMMENDATIONS FOR SUMMER

Table with columns: SEEDING MIXTURE, RATE (LB/AC). Rows include: GERMAN MILLET 40

IN THE PIEDMONT AND MOUNTAINS, A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.

SEEDING DATES: MOUNTAINS - MAY 15 - AUG. 15, PIEDMONT - MAY 1 - AUG. 15, COASTAL PLAIN - APR. 15 - AUG. 15

SOIL AMENDMENTS: FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH: APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE: RE-FERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, RE-FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

TEMPORARY SEEDING RECOMMENDATIONS FOR FALL

Table with columns: SEEDING MIXTURE, RATE (LB/AC). Rows include: RYE (GRAIN) 120

SEEDING DATES: MOUNTAINS - AUG. 15 - DEC. 15, COASTAL PLAIN AND PIEDMONT - AUG. 15 - DEC. 30

SOIL AMENDMENTS: FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH: APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE: REPAIR AND RE-FERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE (PIEDMONT AND COASTAL PLAIN) OR KOREAN (MOUNTAINS) LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

RETAINING WALL NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR HAVING ALL RETAINING WALLS DESIGNED, SEALED, AND CONSTRUCTION CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN NORTH CAROLINA IN ACCORDANCE WITH ALL STATE AND LOCAL BUILDING CODES/ORDINANCES.
2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A BUILDING PERMIT FOR RETAINING WALL PER STATE AND LOCAL BUILDING CODES.
3. CONTRACTOR AND CONTRACTOR'S REGISTERED PROFESSIONAL ENGINEER ARE RESPONSIBLE FOR PERFORMING OR CAUSING TO BE PERFORMED ANY REQUIRED TESTS, STUDIES, ANALYSIS, ETC THAT MAY BE NEEDED TO SUPPORT THE DESIGN OF THE RETAINING WALLS INCLUDING GLOBAL STABILITY ANALYSIS, TRIAXIAL SHEAR TESTS, AND OTHER TESTS, STUDIES, ANALYSIS, ETC AS MAY BE IDENTIFIED DURING THE DESIGN OF THE WALLS - MINIMUM REQUIREMENTS INCLUDE THE FOLLOWING:

Table with columns: COMPONENT, TEST. Rows include: REINFORCED ZONE SOILS, STANDARD PROCTOR ATTERBERG LIMITS GRAIN SIZE ANALYSIS TRIAXIAL SHEAR; RETAINED ZONE SOILS, STANDARD PROCTOR ATTERBERG LIMITS GRAIN SIZE ANALYSIS TRIAXIAL SHEAR; FOUNDATION BEARING ZONE SOILS, STANDARD PROCTOR ATTERBERG LIMITS GRAIN SIZE ANALYSIS TRIAXIAL SHEAR; WALL DESIGN STABILITY ANALYSIS, GLOBAL STABILITY SLIDING OVERTURNING ECCENTRICITY BEARING FAILURE EXCESSIVE SETTLEMENT INTERNAL STABILITY OUTSIDE INFLUENCING FORCES INCLUDED IN DESIGN; FAILURE TYPE, GLOBAL STABILITY SLIDING OVERTURNING ECCENTRICITY BEARING FAILURE EXCESSIVE SETTLEMENT INTERNAL STABILITY OUTSIDE INFLUENCING FORCES INCLUDED IN DESIGN; OTHER INFORMATION FOR EACH COMPONENT (REINFORCED, RETAINED, AND FOUNDATION); FRICTION ANGLE (PHI) PROVIDED BY GEOTECHNICAL ENGINEER COHESION COEFFICIENT (C) PROVIDED BY GEOTECHNICAL ENGINEER SOIL UNIT WEIGHT PROVIDED BY GEOTECHNICAL ENGINEER RECOMMENDED LATERAL EARTH PRESSURE COEFFICIENTS PROVIDED BY GEOTECHNICAL ENGINEER SOIL CLASSIFICATION PROVIDED BY ENGINEER

- 4. CONTRACTOR IS RESPONSIBLE FOR HAVING THE REGISTERED PROFESSIONAL ENGINEER WHO DESIGNED THE RETAINING WALLS CERTIFY THAT THE RETAINING WALLS WERE BUILT AND ARE IN CONFORMANCE WITH THE RETAINING WALL DRAWINGS, THESE SPECIFIC NOTES, AND THE CONSTRUCTION DOCUMENTS.
5. CONTRACTOR AND HIS REGISTERED PROFESSIONAL ENGINEER MAY NOT EXCLUDE OR ASSIGN TO OTHERS ANY OF THE OBLIGATIONS OR ITEMS NOTED.
6. FENCING SHALL BE INSTALLED ALONG THE TOP OF RETAINING WALLS. FENCE TYPE, LENGTH, AND HEIGHT SHALL BE PER THE DEVELOPER'S SPECIFICATIONS. ALL RETAINING WALL DESIGNS SHALL BE SUBMITTED AND APPROVED THROUGH THE TOWN OF WAXHAW PRIOR TO ANY CONSTRUCTION.



616 COLONNADE DR CHARLOTTE, NC 28205 (704) 334-0079 (704) 334-5348 WWW.WKDICKSON.COM NC LICENSE NO.F-0374

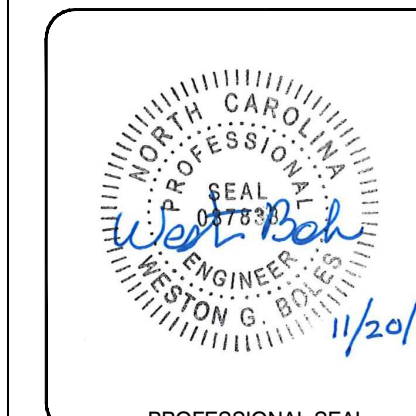


Table with columns: REVISION RECORD, C/J/H, BY, DATE. Includes rows for REVISIONS PER TOWN OF WAXHAW COMMENTS and REVISIONS PER TOWN OF WAXHAW COMMENTS.

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDCAVOR LLC. 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273. DRAWING TITLE: GENERAL NOTES.

PROJ. MGR.: WGB DESIGN BY: C/JH DRAWN BY: C/JH PROJ. DATE: MAY 2018 DRAWING NUMBER: C8.0 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

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Structure Table	
Structure Name	Structure Details
CB-103	RIM = 564.401 INV OUT = 551.040
CB-103A	RIM = 563.884 INV OUT = 551.520
CB-104A	RIM = 562.157 INV OUT = 552.550
CB-106	RIM = 564.099 INV OUT = 553.790
CB-108	RIM = 563.809 INV OUT = 555.590
CB-108A	RIM = 566.400 INV OUT = 556.070
CB-109	RIM = 568.887 INV OUT = 556.340
CB-110	RIM = 568.895 INV OUT = 556.660
CB-118	RIM = 566.396 INV OUT = 561.850
CB-118A	RIM = 565.405 INV OUT = 561.000
CB-119	RIM = 566.396 INV OUT = 562.150
CB-122	RIM = 568.378 INV OUT = 563.380
CB-122A	RIM = 571.935 INV OUT = 567.630
CB-123	RIM = 575.715 INV OUT = 571.280
CB-124	RIM = 579.965 INV OUT = 575.360
CB-125	RIM = 579.911 INV OUT = 575.670
CB-130	RIM = 575.730 INV OUT = 571.500
CB-131	RIM = 563.823 INV OUT = 559.440
CB-132	RIM = 577.450 INV OUT = 572.900
CB-133	RIM = 577.450 INV OUT = 573.200
DCB-104	RIM = 562.708 INV OUT = 552.160
DCB-105	RIM = 561.578 INV OUT = 552.970
DCB-107	RIM = 564.094 INV OUT = 555.210
DCB-120	RIM = 562.748 INV OUT = 558.430
DCB-121	RIM = 561.578 INV OUT = 557.330
DCB-126	RIM = 568.389 INV OUT = 563.690
DI-111	RIM = 561.500 INV OUT = 557.290
DI-112	RIM = 565.323 INV OUT = 561.150
DI-113	RIM = 566.500 INV OUT = 562.550
DI-114	RIM = 567.500 INV OUT = 563.430
DI-115	RIM = 569.500 INV OUT = 565.450
DI-116	RIM = 565.500 INV OUT = 561.550
DI-117	RIM = 567.500 INV OUT = 563.750
DI-127	RIM = 571.948 INV OUT = 567.820

Structure Table	
Structure Name	Structure Details
DI-128	RIM = 579.306 INV OUT = 575.450
DI-129	RIM = 573.482 INV OUT = 569.730
DI-136	RIM = 565.197 INV OUT = 559.460
DI-137	RIM = 571.138 INV OUT = 570.230
DI-138	RIM = 578.689 INV OUT = 575.000
FES-100	RIM = 544.417
FES-134	RIM = 542.521
MH-101	RIM = 554.274 INV OUT = 541.160
MH-102	RIM = 564.257 INV OUT = 550.060
MH-135	RIM = 560.851 INV OUT = 541.210

Structure Table	
Structure Name	Structure Details
BMP #1	RIM = 548.100 INV OUT = 540.500
FES-BMP#1	RIM = 540.417
MH 1-BMP#1	RIM = 546.942 INV OUT = 537.238

Structure Table	
Structure Name	Structure Details
BMP #2	RIM = 562.170 INV OUT = 555.000
FES-BMP #2	RIM = 550.417
MH 1-BMP #2	RIM = 567.572 INV OUT = 552.921
MH 2-BMP #2	RIM = 563.870 INV OUT = 552.190
MH 3-BMP #2	RIM = 571.042 INV OUT = 551.381
MH 4-BMP #2	RIM = 562.940 INV OUT = 547.547

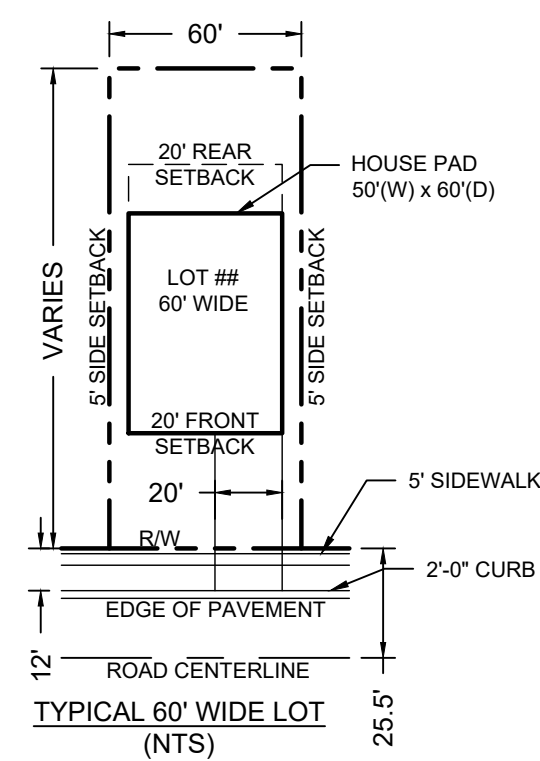
Structure Table	
Structure Name	Structure Details
DCB-231	RIM = 577.423 INV OUT = 573.030
DI-214	RIM = 570.949 INV OUT = 567.060
DI-215	RIM = 575.480 INV OUT = 571.520
DI-216	RIM = 579.839 INV OUT = 575.880
DI-217	RIM = 592.915 INV OUT = 586.620
DI-224A	RIM = 568.030 INV OUT = 564.650
DI-230	RIM = 591.500 INV OUT = 588.360
DI-238	RIM = 568.989 INV OUT = 568.440
FES-200	RIM = 559.958
MH-200A	RIM = 567.296 INV OUT = 556.170
MH-201	RIM = 569.921 INV OUT = 559.160

Structure Table	
Structure Name	Structure Details
A-1 *	RIM = 592.000 INV OUT = 586.315
A-2 *	RIM = 592.000 INV OUT = 586.557
CB-202A	RIM = 570.080 INV OUT = 564.580
CB-203	RIM = 571.138 INV OUT = 565.650
CB-204	RIM = 571.138 INV OUT = 565.950
CB-205	RIM = 575.273 INV OUT = 567.987
CB-206	RIM = 581.083 INV OUT = 576.530
CB-207	RIM = 586.475 INV OUT = 582.170
CB-208	RIM = 586.534 INV OUT = 582.470
CB-209	RIM = 592.780 INV OUT = 588.100
CB-210	RIM = 592.703 INV OUT = 588.200
CB-218	RIM = 569.212 INV OUT = 564.750
CB-219	RIM = 577.562 INV OUT = 573.020
CB-220	RIM = 577.574 INV OUT = 573.320
CB-221	RIM = 569.212 INV OUT = 564.960
CB-222B	RIM = 566.649 INV OUT = 562.100
CB-223	RIM = 567.000 INV OUT = 562.260
CB-224	RIM = 567.013 INV OUT = 562.560
CB-226	RIM = 577.437 INV OUT = 567.108
CB-226A	RIM = 580.587 INV OUT = 576.130
CB-227	RIM = 583.776 INV OUT = 579.150
CB-228	RIM = 591.345 INV OUT = 582.000
CB-229	RIM = 591.399 INV OUT = 585.280
CB-232	RIM = 579.340 INV OUT = 579.340
CB-233	RIM = 575.273 INV OUT = 570.970
CB-234	RIM = 581.096 INV OUT = 576.780
CB-235	RIM = 589.800 INV OUT = 585.010
CB-236	RIM = 590.266 INV OUT = 582.870
CB-237	RIM = 591.800 INV OUT = 586.080
DCB-202	RIM = 569.050 INV OUT = 559.910
DCB-213	RIM = 568.989 INV OUT = 564.372
DCB-222	RIM = 566.888 INV OUT = 560.690
DCB-222A	RIM = 566.405 INV OUT = 561.920
DCB-225	RIM = 566.405 INV OUT = 562.100

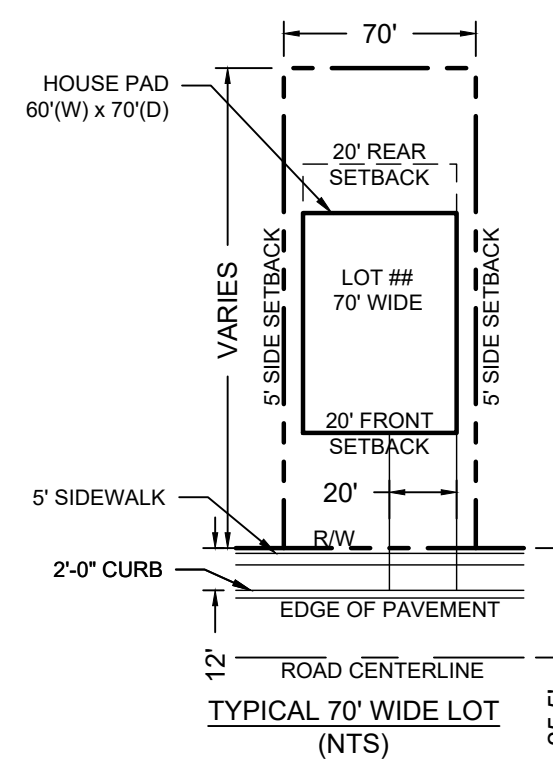
PIPE TABLE: Storm #1						
UPSTREAM NODE	DOWNSTREAM NODE	LENGTH (FT)	CONSTRUCTED SLOPE	SECTION SIZE (IN)	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION
CB-103	MH-102	155	0.50%	36	551.04	550.26
CB-103A	CB-103	39	0.72%	36	551.52	551.24
CB-104A	DCB-104	38	0.51%	36	552.55	552.36
CB-106	DCB-105	141	0.50%	36	553.79	553.09
CB-108	DCB-107	35	0.52%	30	555.59	555.41
CB-108A	CB-108	54	0.52%	24	556.07	555.79
CB-109	CB-108A	51	0.53%	24	556.34	556.07
CB-110	CB-109	20	0.60%	24	556.66	556.54
CB-118	CB-118A	66	1.29%	15	561.85	561.00
CB-118A	CB-103	67	1.26%	15	561.00	560.15
CB-119	CB-118	20	0.50%	15	562.15	562.05
CB-122	CB-106	119	3.61%	24	563.38	559.10
CB-122A	CB-122	72	4.86%	15	567.63	564.13
CB-123	CB-122A	77	4.71%	15	571.28	567.63
CB-124	CB-123	133	2.92%	15	575.36	571.48
CB-125	CB-124	22	0.50%	15	575.67	575.56
CB-130	CB-123	20	0.50%	15	571.50	571.40
CB-131	CB-108	20	0.50%	15	559.44	559.34
CB-132	CB-109	140	5.91%	15	572.90	564.61
CB-133	CB-132	20	0.50%	15	573.20	573.10
DCB-104	CB-103A	80	0.50%	36	552.16	551.76
DCB-105	CB-104A	65	0.50%	36	552.97	552.65
DCB-107	CB-106	20	0.50%	36	555.21	555.11
DCB-120	DCB-104	20	0.50%	15	558.43	558.33
DCB-121	DCB-105	20	0.50%	15	557.33	557.23
DCB-126	CB-122	19	0.52%	24	563.69	563.59
DI-111	CB-110	86	0.50%	18	557.29	556.86
DI-112	DI-111	100	3.60%	15	561.15	557.54
DI-113	DI-112	65	1.85%	15	562.55	561.35
DI-114	DI-113	58	1.17%	15	563.43	562.75
DI-115	DI-114	122	1.49%	15	565.45	563.63
DI-116	MH-102	109	3.26%	18	561.55	558.00
DI-117	DI-116	142	1.40%	15	563.75	561.75
DI-127	DCB-126	123	3.20%	18	567.82	563.89
DI-128	DI-127	191	3.87%	15	575.45	568.07
DI-129	DI-127	115	0.98%	15	569.73	568.60
DI-136	MH-135	320	4.91%	15	559.46	543.75
DI-137	DI-136	232	3.90%	15	570.23	561.19
DI-138	DI-137	149	3.06%	15	575.00	570.43
MH-101	FES-100	32	0.50%	36	541.16	541.00
MH-102	MH-101	84	3.66%	36	550.06	547.00
MH-135	FES-134	42	0.50%	15	541.21	541.00

PIPE TABLE: Outlet #1						
UPSTREAM NODE	DOWNSTREAM NODE	LENGTH (FT)	CONSTRUCTED SLOPE	SECTION SIZE (IN)	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION
BMP #1	MH 1-BMP#1	39	7.85%	36	540.50	537.44
MH 1-BMP#1	FES-BMP#1	46	0.51%	36	537.24	537.00

TYPICAL 60' LOT LAYOUT:



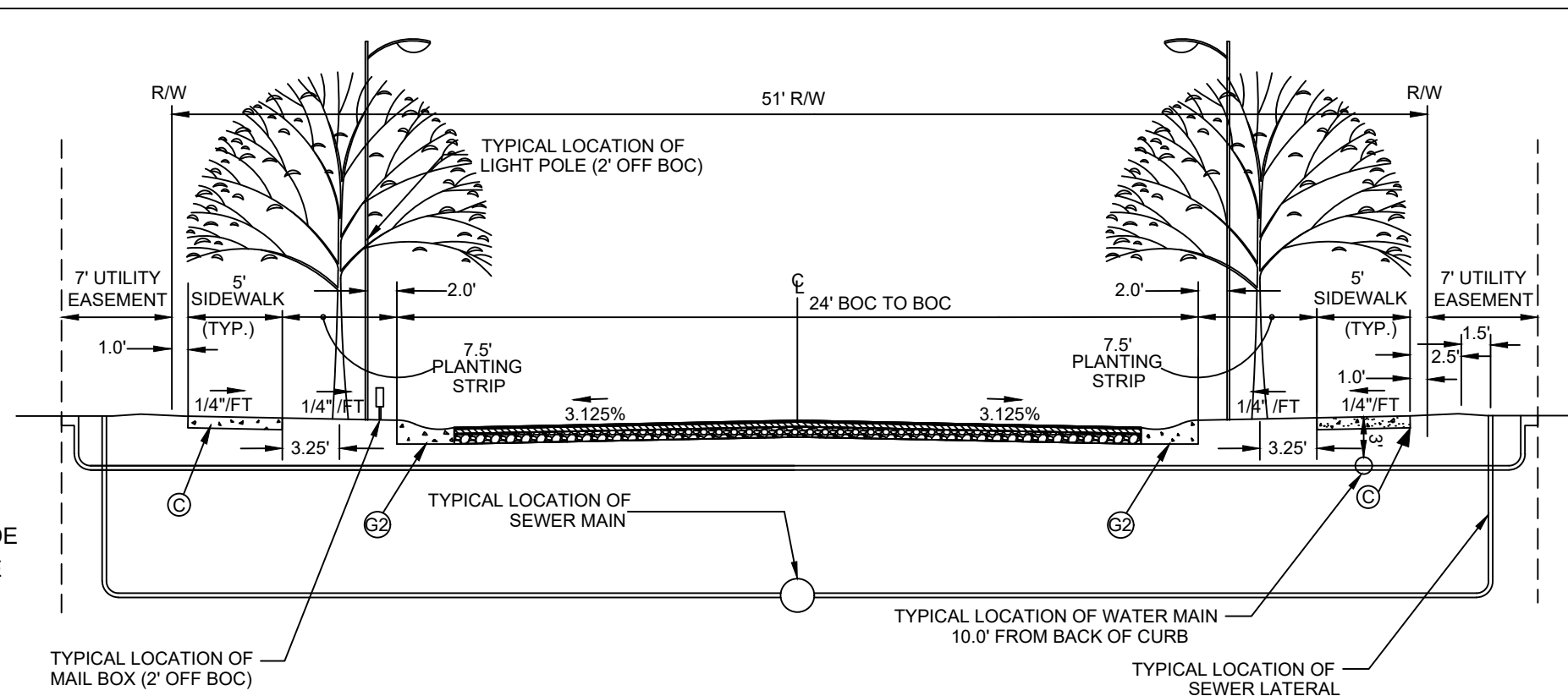
TYPICAL 70' LOT LAYOUT:



PAVEMENT SCHEDULE

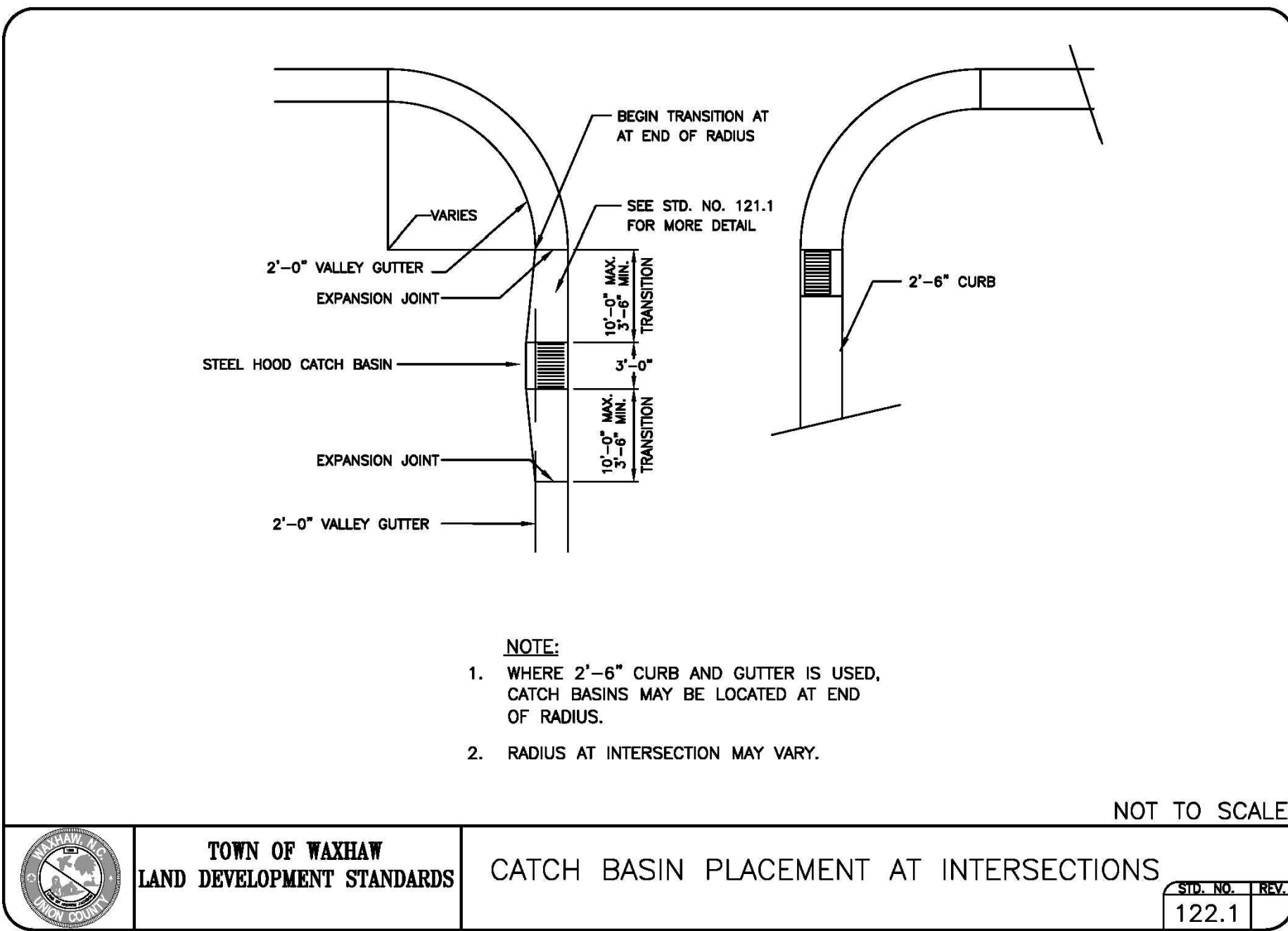
- ⊗ 2'-0" VALLEY GUTTER
- ⊙ 5' CONCRETE SIDEWALK

*SEE DETAIL 200.3 FOR PAVEMENT SECTION INFORMATION
 ** ALL STREET LIGHTS SHALL BE LOCATED 2' BEHIND BOC INSIDE THE PLANTING STRIP. ANY LIGHTS LOCATED OUTSIDE MUST BE RELOCATED PRIOR TO ACCEPTANCE BY TOWN OF WAXHAW.

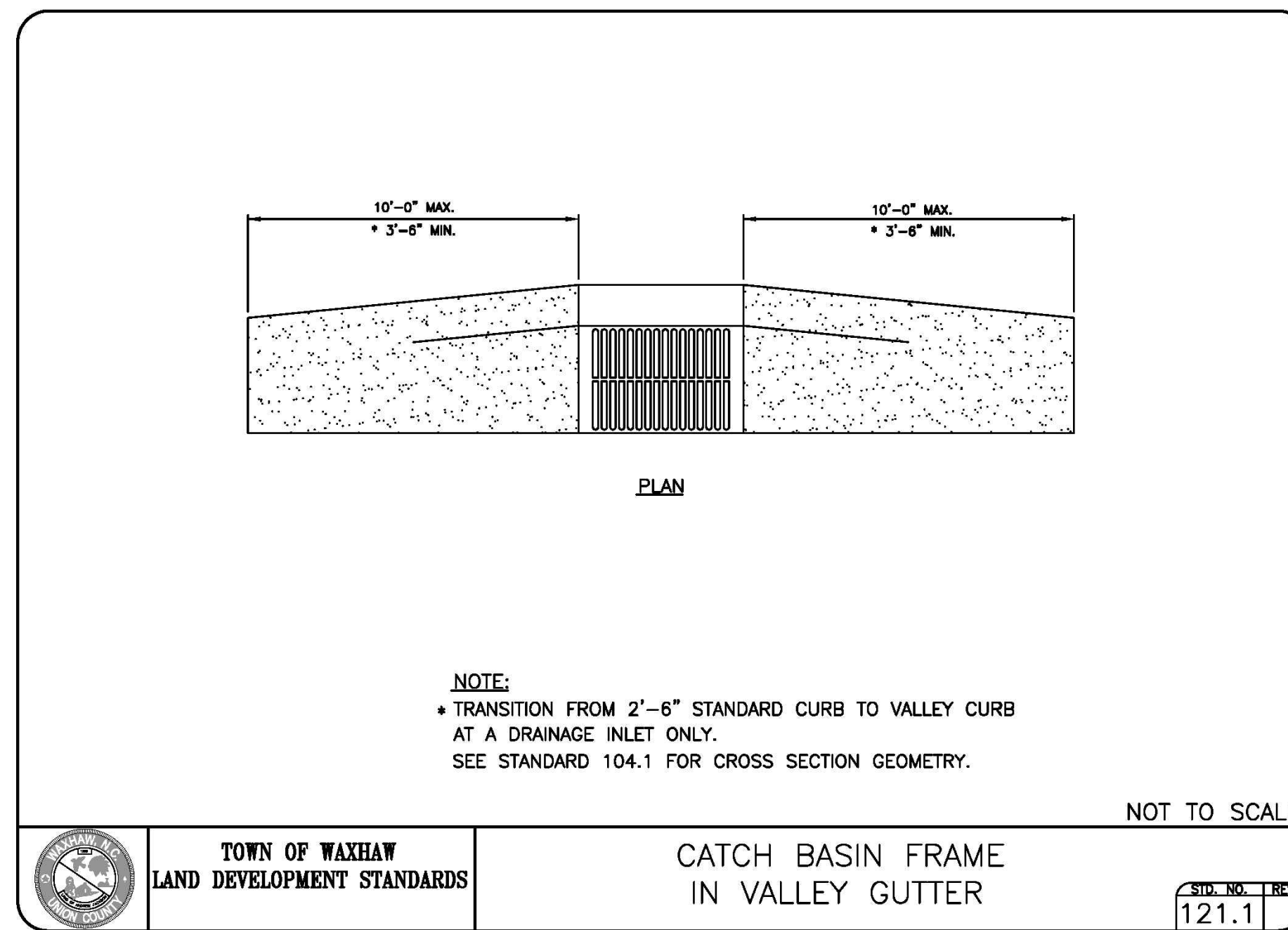


PIPE TABLE: Storm #2						
UPSTREAM NODE	DOWNSTREAM NODE	LENGTH (FT)	CONSTRUCTED SLOPE	SECTION SIZE (IN)	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION
A-1	A-2	47	0.50%	12	586.32	586.56
CB-202A	DCB-202	70	1.44%	30	564.58	563.57
CB-203	CB-203A	67	1.61%	30	565.65	564.58
CB-204	CB-204	20	0.50%	24	565.95	565.85
CB-205	CB-204	92	2.00%	24	567.99	566.15
CB-206	CB-205	116	5.00%	18	576.53	570.73
CB-207	CB-206	88	6.13%	18	582.17	576.78
CB-208	CB-207	20	0.50%	18	582.47	582.37
CB-209	CB-208	93	5.84%	18	588.10	582.67
CB-210	CB-209	20	0.50%	15	588.20	588.10
CB-218	DCB-213	76	0.50%	18	564.75	564.37
CB-219	CB-218	160	5.05%	18	573.02	564.95
CB-220	CB-219	20	0.50%	15	573.32	573.22
CB-221	CB-218	20	0.50%	15	564.96	564.86
CB-222B	DCB-222A	40	0.43%	24	562.10	561.93
CB-223	CB-222B	26	0.62%	15	562.26	562.10
CB-224	CB-223	20	0.49%	18	562.56	562.46
CB-226	CB-203	157	0.80%	18	567.11	565.85
CB-226A	CB-226	64	4.72%	15	576.13	573.11
CB-227	CB-226A	64	4.70%	15	579.15	576.13
CB-228	CB-227	150	1.77%	15	582.00	579.35
CB-229	CB-228	20	0.50%	15	585.28	585.18
CB-232	CB-227	20	0.50%	15	579.34	579.24
CB-233	CB-205	20	0.50%	15	570.97	570.87
CB-234	CB-206	20	0.50%	15	576.78	576.68
CB-235	CB-232	80	6.80%	15	585.01	579.54
CB-236	CB-208	39	0.51%	15	582.87	582.67
CB-237	A-1	47	0.50%	12	586.08	586.32
CB-237	CB-236	60	5.00%	15	586.08	583.07
DCB-202	MH-201	145	0.52%	36	559.91	559.16
DCB-213	DCB-202	21	0.50%	24	564.37	564.27
DCB-222	DCB-202	145	0.54%	30	560.69	559.91
DCB-222A	DCB-222	64	1.67%	30	561.92	560.86
DCB-225	DCB-222A	20	0.50%	15	562.10	562.00
DCB-231	CB-226	20	0.50%	18	573.03	572.93
DI-214	DCB-213	71	3.25%	15	567.06	564.74
DI-215	DI-214	128	3.32%	15	571.52	567.26
DI-216	DI-215	123	3.39%	15	575.88	571.72
DI-217	DI-216	105	10.00%	15	586.62	576.08
DI-224A	CB-224	35	5.33%	15	564.65	562.76
DI-230	CB-229	48	5.99%	15	588.36	585.48
DI-238	CB-209	68	0.50%	15	588.44	588.10
MH-200A	FES-200	32	0.53%	42	556.17	556.00
MH-201	MH-200A	211	0.52%	42	559.16	558.06

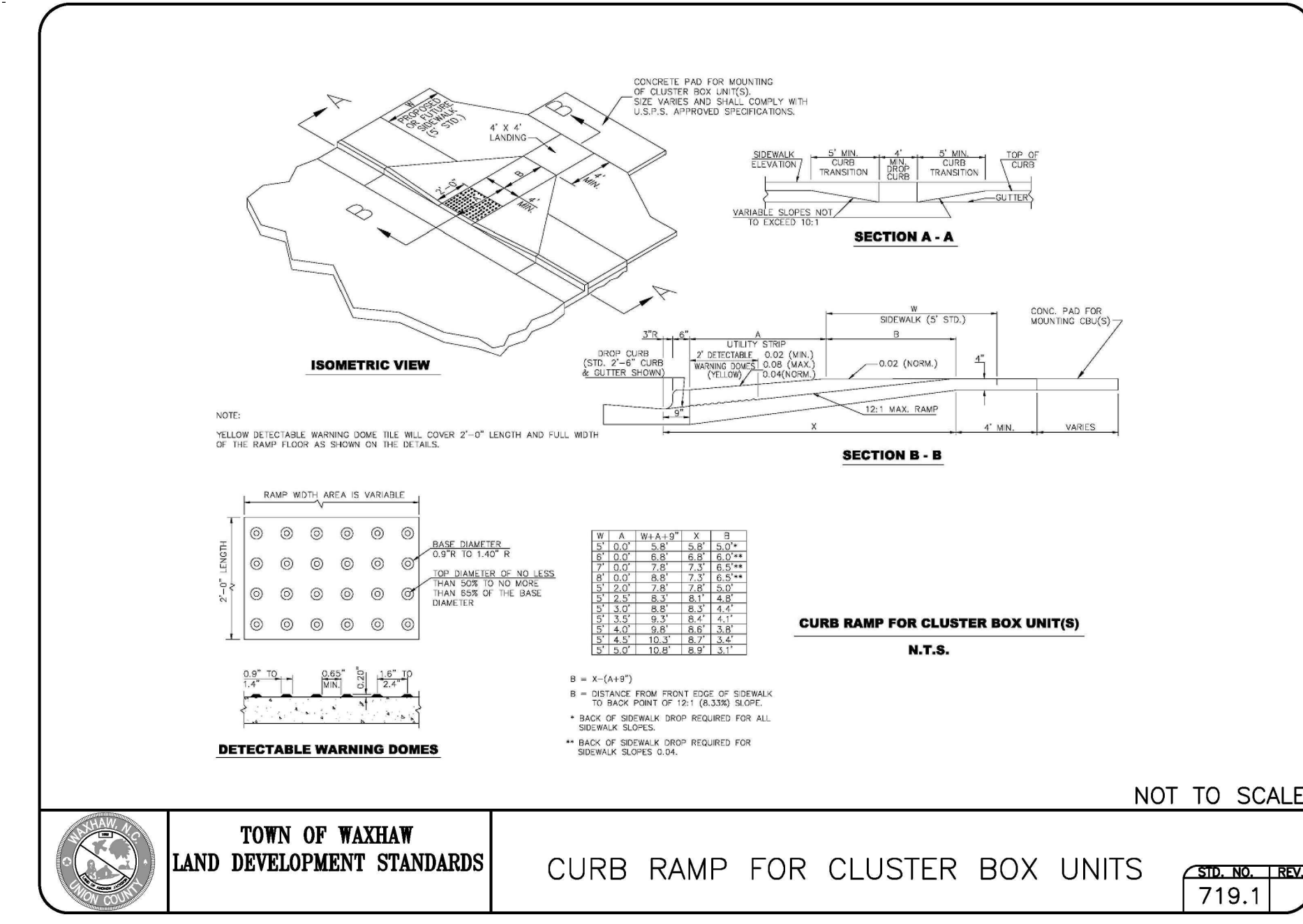
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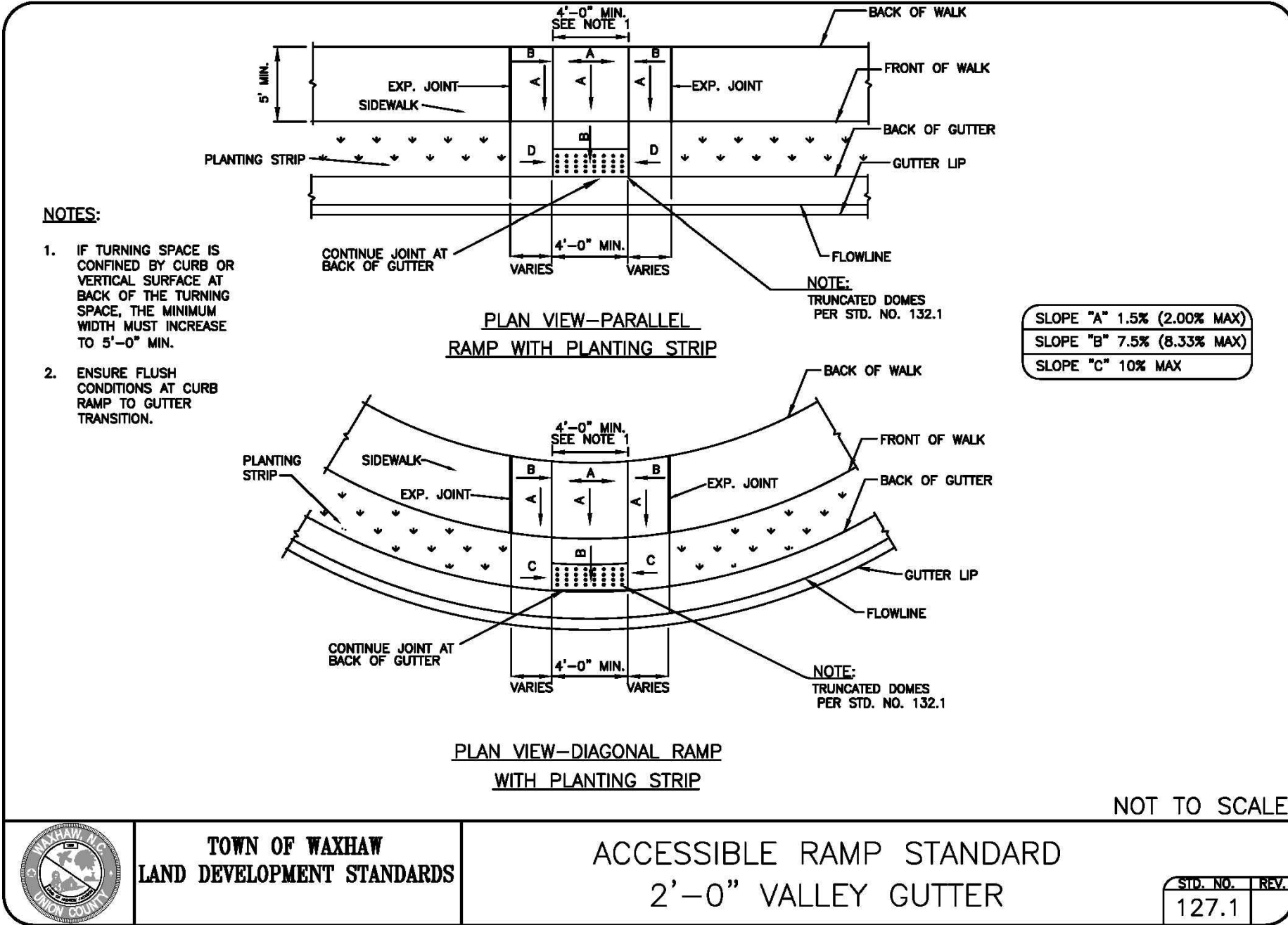
TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
CATCH BASIN PLACEMENT AT INTERSECTIONS
STD. NO. REV. 122.1



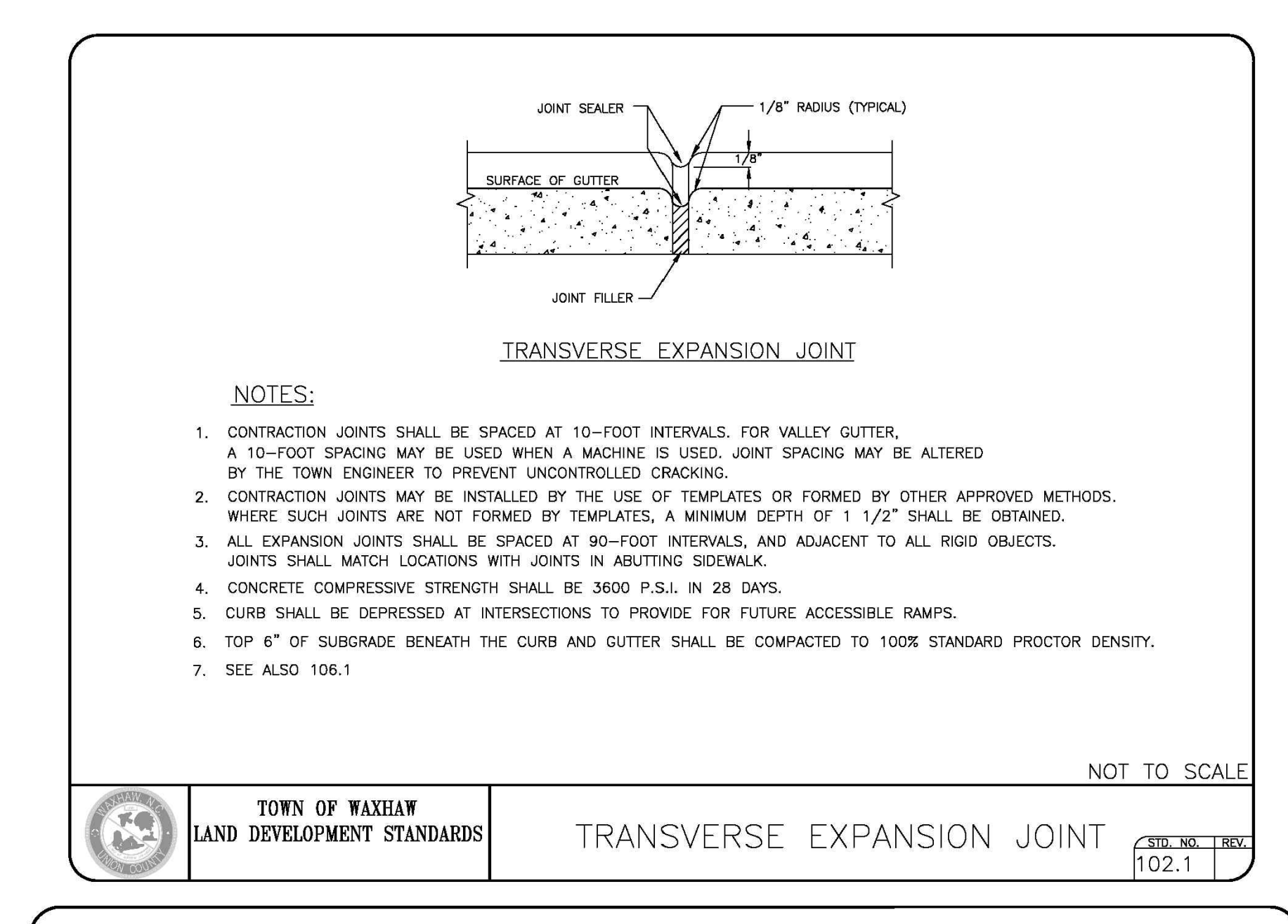
TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
CATCH BASIN FRAME IN VALLEY GUTTER
STD. NO. REV. 121.1



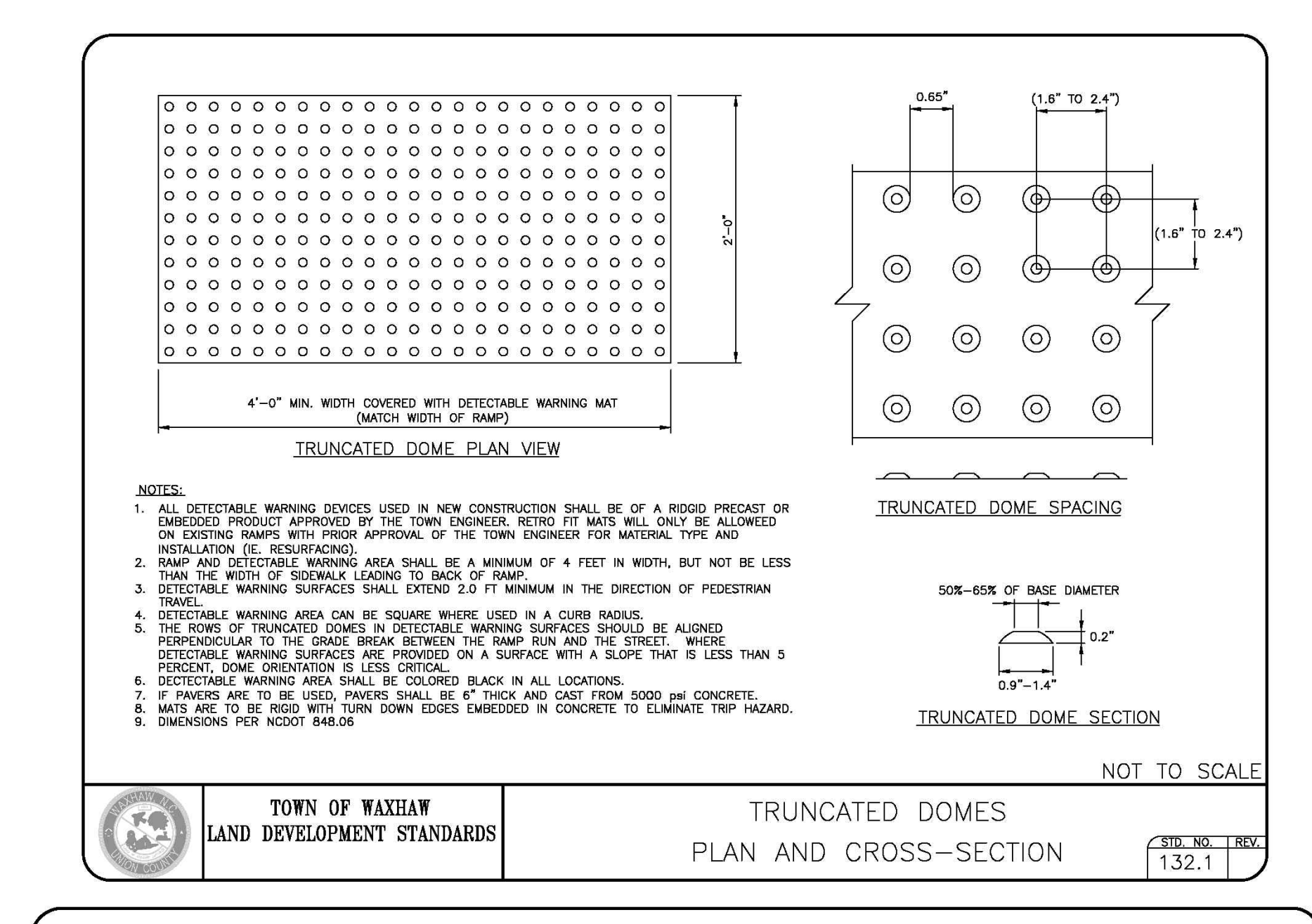
TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
CURB RAMP FOR CLUSTER BOX UNITS
STD. NO. REV. 719.1



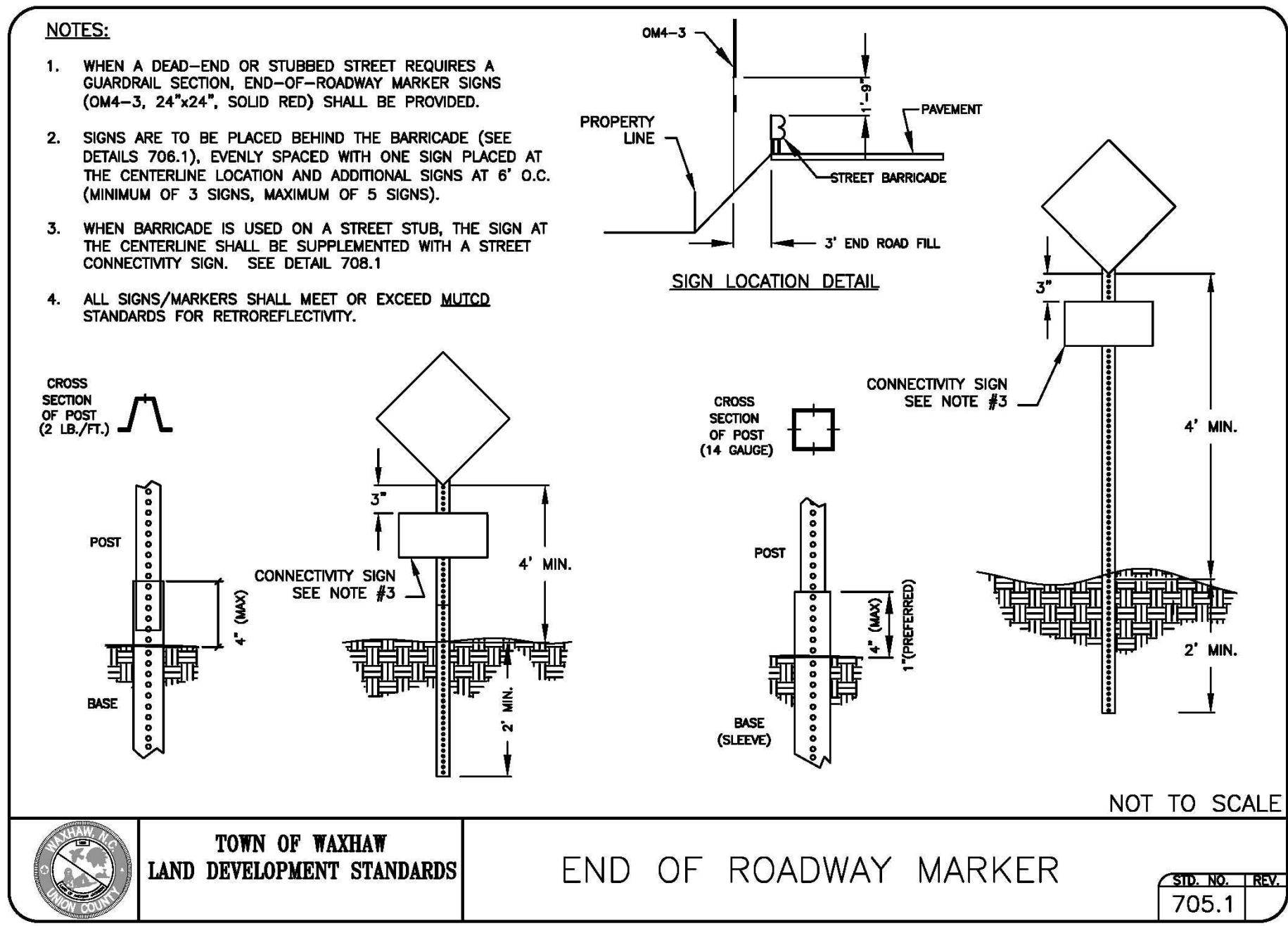
TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
ACCESSIBLE RAMP STANDARD 2'-0" VALLEY GUTTER
STD. NO. REV. 127.1



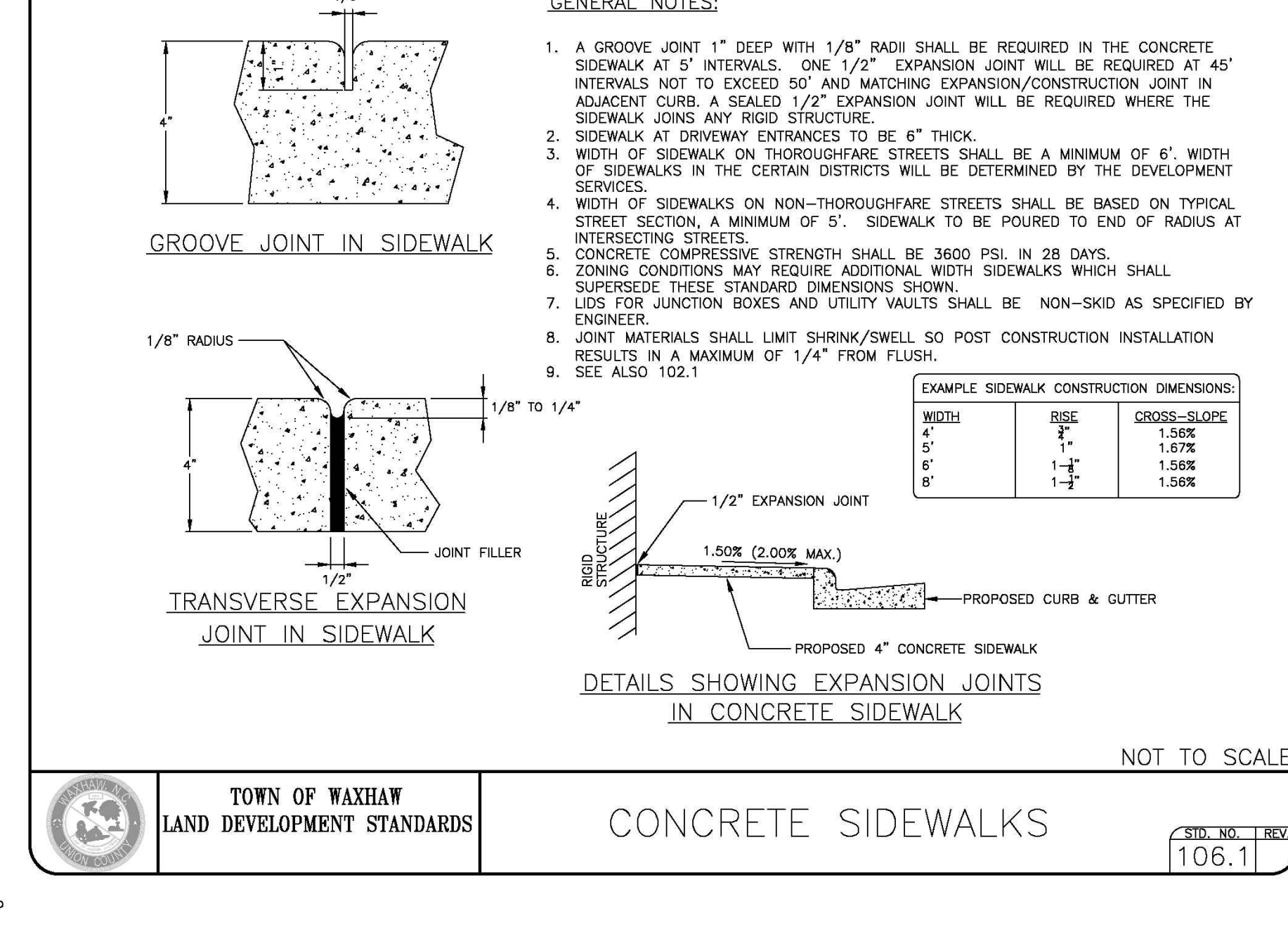
TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
TRANSVERSE EXPANSION JOINT
STD. NO. REV. 102.1



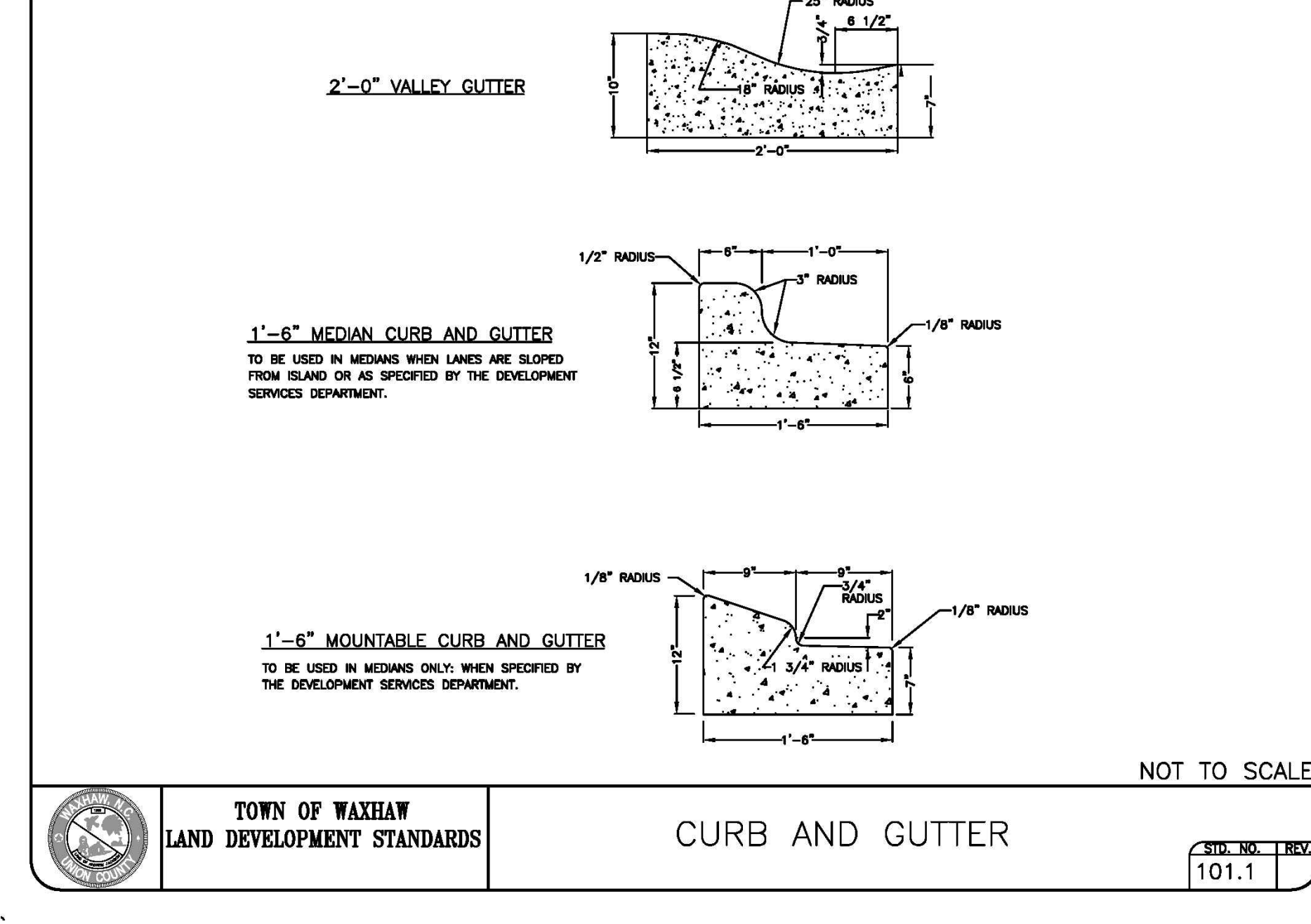
TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
TRUNCATED DOMES PLAN AND CROSS-SECTION
STD. NO. REV. 132.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
END OF ROADWAY MARKER
STD. NO. REV. 705.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
CONCRETE SIDEWALKS
STD. NO. REV. 106.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS
CURB AND GUTTER
STD. NO. REV. 101.1

WK DICKSON
community infrastructure consultants

616 COLONNADE DR
CHARLOTTE, NC 28205
(704) 334-0078
(704) 334-5348

WWW.WKDICKSON.COM
NC LICENSE NO. F-0374

West-Boh
REGISTERED PROFESSIONAL ENGINEER
STATE OF NORTH CAROLINA
1/26/18

PROFESSIONAL SEAL

REVISION RECORD

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

DRAWING TITLE: DETAILS - SHEET 1

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: MAY 2018
DRAWING NUMBER: C9.0
WKD PROJ. NO.: 20170280.00.CL

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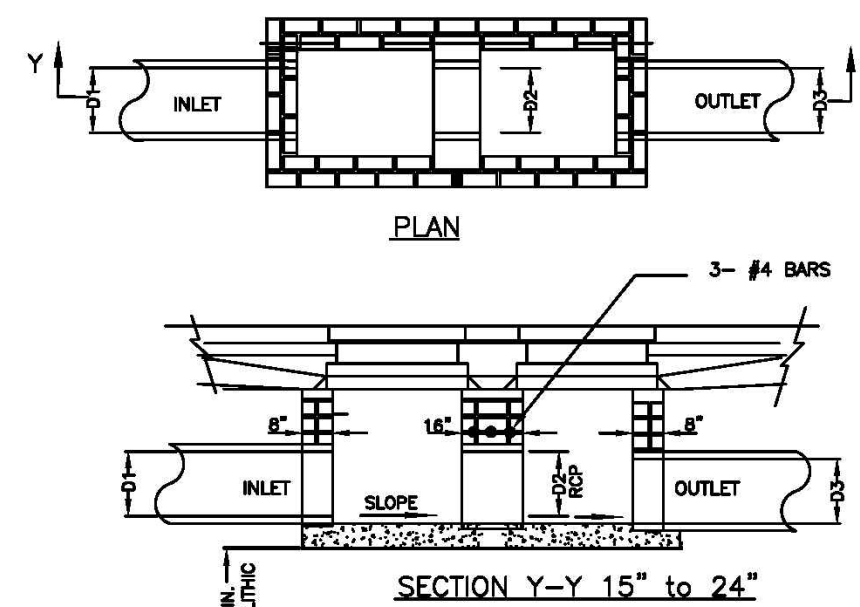
DWG	SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
300.01	METHOD OF PIPE INSTALLATION	
310.02	PARALLEL PIPE END SECTION-PRECAST CONCRETE FOR 15" TO 24" PIPE	REQUIRED IN RIGHT OF WAY
310.03	CROSS PIPE END SECTION-PRECAST CONCRETE FOR 18" TO 30" PIPE	REQUIRED IN RIGHT OF WAY
310.10	DRIVEWAY PIPE CONSTRUCTION USING NO SPECIAL END SECTIONS	ONLY AT LOCATIONS APPROVED BY THE TOWN ENGINEER
815.03	PIPE UNDERDRAIN AND BLIND DRAIN	
818.03	GEOTEXTILE SHOULDER DRAIN	
838.01	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.02	15" THRU 48" PIPE 90° SKEW	NOTE 1
838.04	CONCRETE ENDWALL AND SLUICE GATE 15" THRU 36" PIPE-90° SKEW	NOTE 1
838.04	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.05	17"x17" THRU 71"x47" PIPE ARCH 90° SKEW	NOTE 1
838.05	CONCRETE "L" ENDWALL FOR SINGLE PIPE CULVERTS 15" THRU 48" PIPE	NOTE 1
838.06	CONCRETE "L" ENDWALL FOR SINGLE PIPE CULVERTS 17"x13" THRU 71"x47"	NOTE 1
838.07	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.07	40"x31" THRU 66"x51" PIPE ARCH 90° SKEW	NOTE 1
838.08	CONCRETE "L" ENDWALL FOR SINGLE PIPE CULVERTS 40"x32"	NOTE 1
838.10	THRU 66"x51" PIPE ARCH	NOTE 1
838.11	CONCRETE ENDWALL FOR OUTFALL 4"-6" OR 8" PIPE	NOTE 1
838.11	BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.11	15" THRU 48" 90° SKEW	NOTE 1
838.14	BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS 17"x13"	NOTE 1
838.14	THRU 71"x47" 90° SKEW	NOTE 1
838.15	BRICK "L" ENDWALL FOR SINGLE PIPE CULVERTS 15" THRU 48" PIPE	NOTE 1
838.16	BRICK "L" ENDWALL FOR SINGLE PIPE CULVERTS 17"x13" THRU	NOTE 1
838.17	71"x47" PIPE ARCH	NOTE 1
838.17	BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS 40"x31"	NOTE 1
838.18	THRU 66"x51" PIPE ARCH 90° SKEW	NOTE 1
838.18	BRICK ENDWALL FOR SINGLE PIPE CULVERTS 40"x31" THRU	NOTE 1
838.18	66"x51" PIPE ARCH 90° SKEW	NOTE 1
838.20	BRICK ENDWALL FOR OUTFALL 4", 6" AND 8" PIPE	NOTE 1
838.21	REINFORCED CONCRETE ENDWALL FOR SINGLE 54" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.22	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 54" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.27	REINFORCED CONCRETE ENDWALL FOR SINGLE 60" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.28	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 60" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.33	REINFORCED CONCRETE ENDWALL FOR SINGLE 66" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.34	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 66" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.39	REINFORCED CONCRETE ENDWALL FOR SINGLE 72" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.40	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 72" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD

NOTE 1: FOR ALL STRUCTURES - NCDOT REQUIRES CLASS B CONCRETE (2500PSI). THE TOWN REQUIRES 3600 PSI CONCRETE STRENGTH @ 28 DAYS. 3600 PSI CONCRETE SHALL BE USED IN ALL TOWN PROJECTS.

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN TOWN OF WAXHAW

STD. NO. 300.1

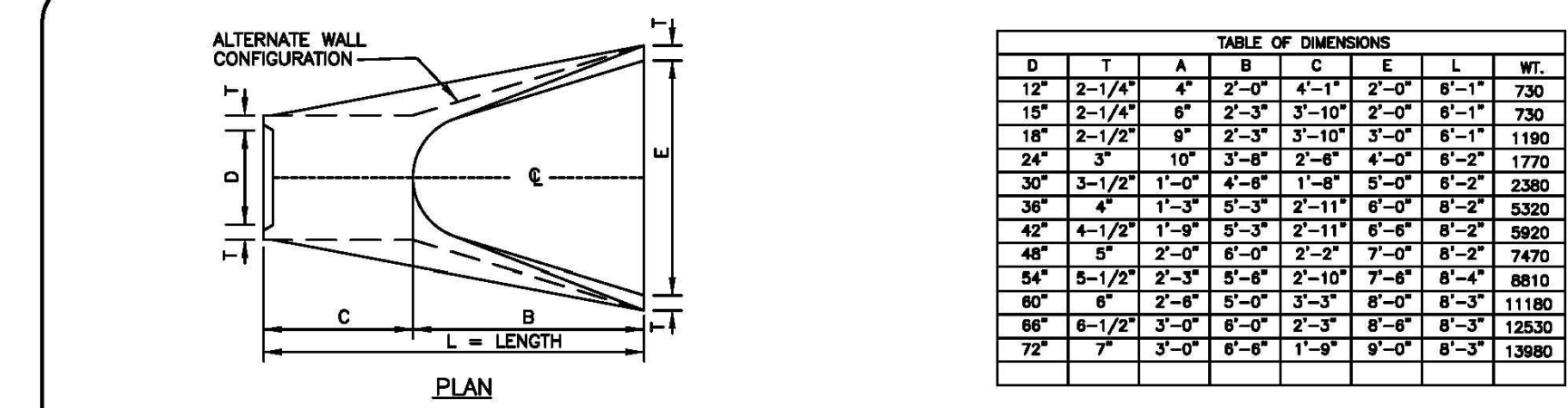
- GENERAL NOTES:
- SEE NCDOT STANDARD 840.01 FOR DETAILS BASED ON PIPE SIZE PER CROSS SECTION.
 - CONSTRUCT TWO SINGLE BASINS PER NCDOT STANDARD WITH DOUBLE INTERIOR WALL.
 - ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
 - BASE SLAB SHALL BE MONOLITHIC.
 - SEE STANDARDS 121.1 AND 122.1 FOR PLACEMENT OF CATCH BASIN.
 - PIPE SECTION D2 CONNECTING CATCH BASINS SHALL HAVE A MINIMUM DIAMETER SAME AS OF OUTLET PIPE D3.
 - ALL REINFORCING STEEL SHOWN ON NCDOT STANDARDS IS TO BE PROVIDED AS CONTINUOUS MEMBERS. (NO LAPS, USED AS A SINGLE CONTINUOUS BAR IN THE SLAB)
 - WEEP HOLES SHALL BE PLACED IN BACK WALL WITH FILTER FABRIC OR STONE ON BACK SIDE



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN TOWN OF WAXHAW

BRICK DOUBLE CATCH BASIN 15" THRU 36" PIPE

STD. NO. 303.1



D	T	A	B	C	E	L	WT.
12"	2-1/2"	4"	2'-0"	4'-11"	2'-0"	8'-11"	750
18"	2-1/4"	6"	2'-3"	3'-10"	2'-0"	8'-11"	700
18"	2-1/2"	8"	2'-3"	3'-10"	3'-0"	8'-11"	1190
24"	3"	10"	2'-6"	2'-6"	4'-0"	8'-2"	1770
30"	3-1/2"	11'-0"	4'-0"	1'-0"	3'-0"	8'-2"	2380
36"	4"	1'-3"	5'-3"	2'-11"	0'-0"	8'-2"	5320
42"	4-1/2"	1'-9"	5'-3"	2'-11"	0'-0"	8'-2"	5920
48"	5"	2'-0"	6'-0"	2'-0"	7'-0"	8'-2"	7470
54"	5-1/2"	2'-3"	5'-6"	2'-10"	7'-0"	8'-4"	8910
60"	6"	2'-6"	5'-0"	3'-3"	8'-0"	8'-3"	11180
66"	6-1/2"	3'-0"	6'-0"	2'-3"	8'-0"	8'-3"	12530
72"	7"	3'-0"	6'-6"	1'-9"	9'-0"	8'-3"	13980

- GENERAL NOTES:
- SEE FORMER NCDOT STANDARD 310.01 FOR DETAILS.
 - REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF REINFORCED CONCRETE PIPE OF LIKE DIAMETER PER MSHTO M170, TABLE 2, WALL B.
 - ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
 - PROVIDE TONGUE OR SPIGOT JOINT AT INLET END SECTION.
 - REMOVE GROOVE OR BELL JOINT AT OUTLET END SECTION.
 - THE DIMENSIONS FOR END SECTIONS SHALL SUBSTANTIALLY AGREE WITH THE TABLE. MINOR VARIATIONS WILL BE PERMITTED BASED ON THE MANUFACTURER'S STANDARD FORMS AND TEMPLATES.
 - NOT TO BE USED IN NCDOT MAINTAINED RIGHT OF WAY.

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN TOWN OF WAXHAW

FLARED END SECTION 12" THRU 72" PIPE

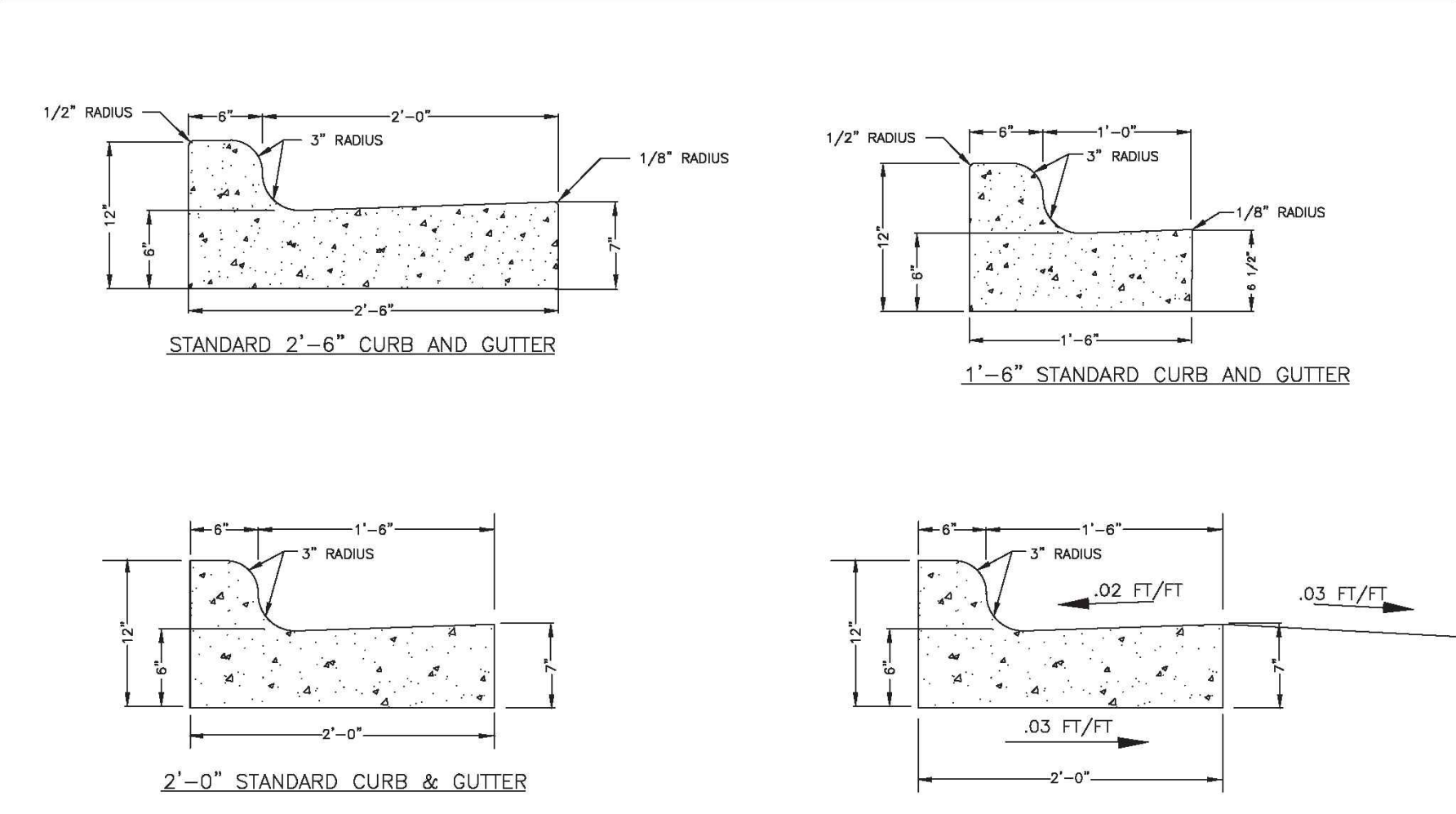
STD. NO. 307.1

DWG	SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
838.45	NOTES FOR REINFORCED CONCRETE ENDWALL STANDARD DRAWINGS	
838.21	THRU 838.40	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.51	REINFORCED BRICK ENDWALL FOR SINGLE 54" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.52	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 54" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.57	REINFORCED BRICK ENDWALL FOR SINGLE 60" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.58	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 60" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.63	REINFORCED BRICK ENDWALL FOR SINGLE 66" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.64	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 66" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.69	REINFORCED BRICK ENDWALL FOR SINGLE 72" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.70	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 72" PIPE 90° SKEW	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.79	NOTES FOR REINFORCED BRICK ENDWALL STANDARD DRAWINGS 838.51 THRU 838.70	NOTE 1 SEE 304.1 & 305.1, THIS SECTION FOR SPLASH PAD
838.80	PRECAST CONCRETE ENDWALL FOR SINGLE 12" THRU 72" PIPE 90° SKEW	
840.00	CONCRETE BASE PAD FOR DRAINAGE STRUCTURES	
840.01	BRICK CATCH BASIN 15" THRU 54" PIPE	
840.02	CONCRETE CATCH BASIN 12" THRU 54" PIPE	
840.03	FRAME, GRATE BASIN 12" THRU 54" PIPE	
840.04	CONCRETE OPEN THROAT CATCH BASIN 12" THRU 48" PIPE	NOTE 1: OPENINGS PERMITTED IN 4 SIDES OUTSIDE OF STREET R/W
840.05	BRICK OPEN THROAT CATCH BASIN 15" THRU 48" PIPE	NOTE 1: OPENINGS PERMITTED IN 4 SIDES OUTSIDE OF STREET R/W
840.14	CONCRETE DROP INLET 12" THRU 30" PIPE	NOTE 1
840.15	BRICK DROP INLET 12" THRU 30" PIPE	NOTE 1
840.16	DROP INLET FRAME AND GRATE FOR USE WITH DWSS 840.14 & 840.15	NOTE 1
840.17	CONCRETE GRATED DROP INLET TYPE "A" 12" THRU 72" PIPE	NOTE 1
840.18	CONCRETE GRATED DROP INLET TYPE "D" 12" THRU 36" PIPE	NOTE 1
840.19	CONCRETE GRATED DROP INLET TYPE "D" 12" THRU 36" PIPE	NOTE 1
840.20	FRAMES AND WIDE SLOT FLAT GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.22	FRAMES AND WIDE SLOT SAG GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.24	FRAMES AND NARROW SLOT SAG GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.25	ANCHORAGE FOR FRAMES BRICK OR CONCRETE	
840.26	BRICK GRATED DROP INLET TYPE "A" 12" THRU 72" PIPE	
840.27	BRICK GRATED DROP INLET TYPE "D" 12" THRU 36" PIPE	
840.28	BRICK GRATED DROP INLET TYPE "D" 12" THRU 36" PIPE	
840.29	FRAMES AND NARROW SLOT FLAT GRATES	
840.30	DRIVEWAY DROP INLET	

NOTE 1: FOR ALL STRUCTURES - NCDOT REQUIRES CLASS B CONCRETE (2500PSI). THE TOWN REQUIRES 3600 PSI CONCRETE STRENGTH @ 28 DAYS. 3600 PSI CONCRETE SHALL BE USED IN ALL TOWN PROJECTS.

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN THE TOWN OF WAXHAW

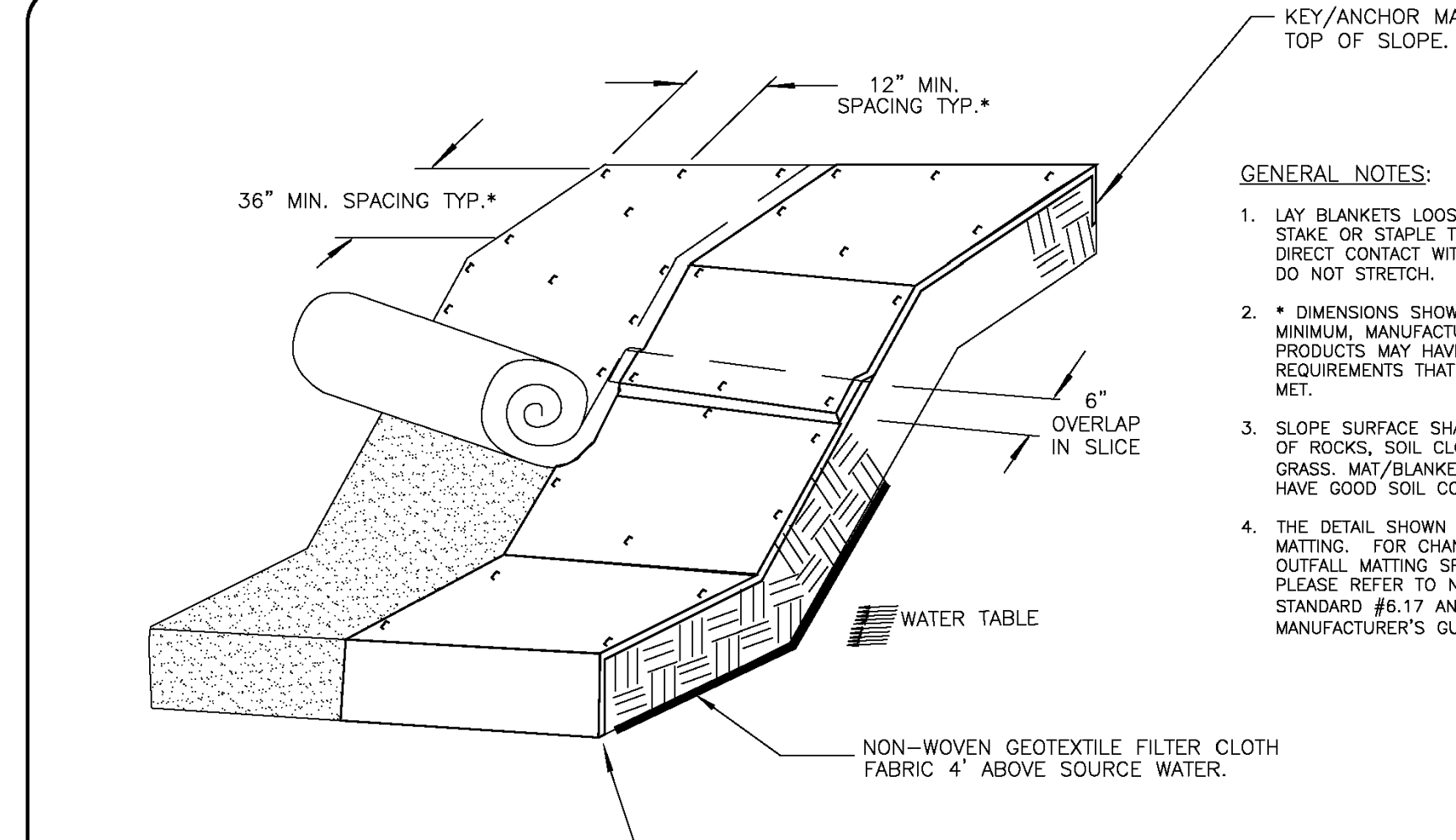
STD. NO. 301.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN THE TOWN OF WAXHAW

STANDARD CURB AND GUTTER

STD. NO. 100.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN THE TOWN OF WAXHAW

EMBANKMENT MATTING DETAIL

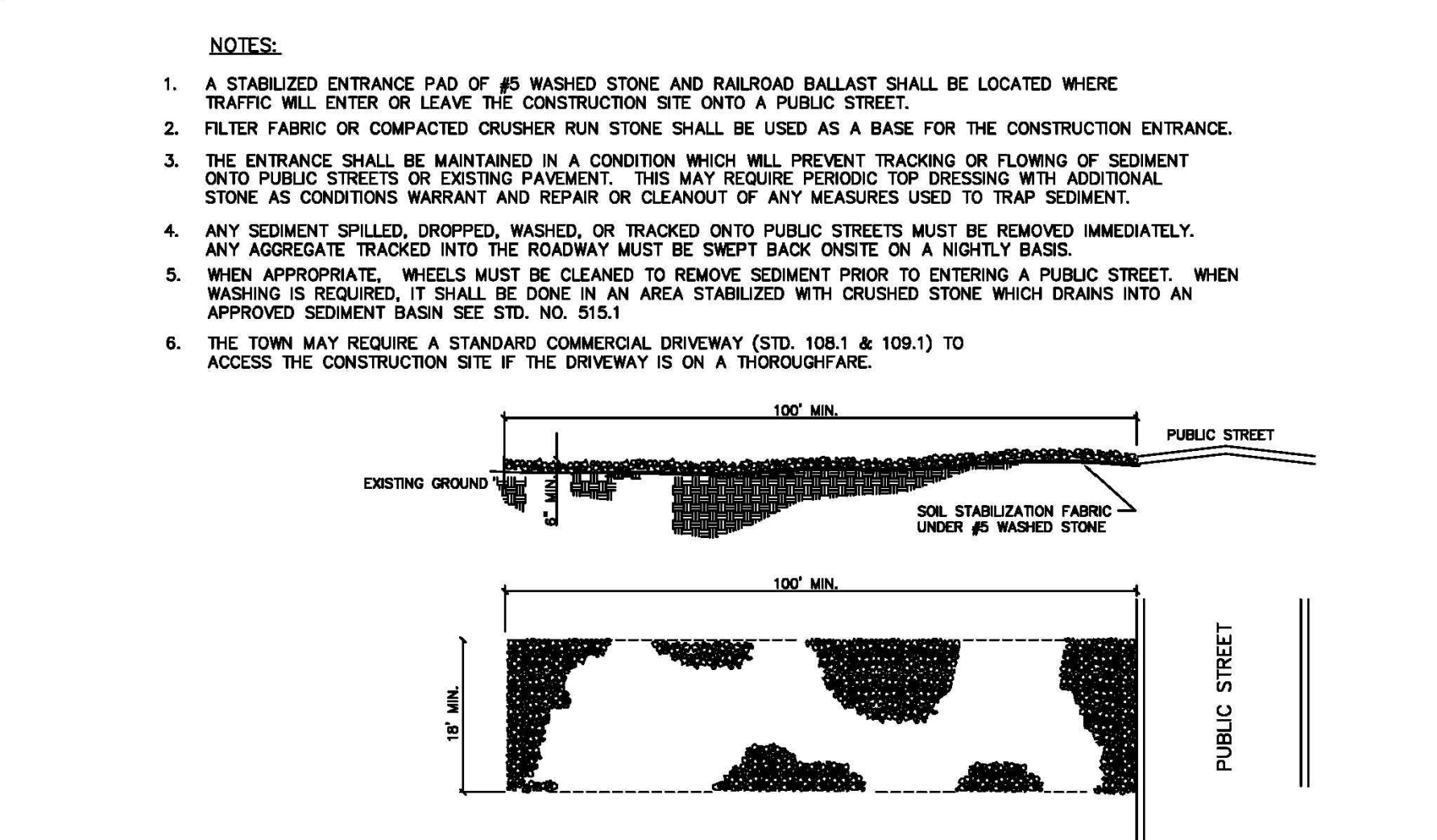
STD. NO. 525.1

DWG	SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
840.51	CONCRETE JUNCTION BOX (WITH OPTIONAL MANHOLE) 12" THRU 66" PIPE	NOTE 1: OPTIONAL MANHOLE IS REQUIRED
840.52	BRICK JUNCTION BOX 12" THRU 66" PIPE	NOTE 1: OPTIONAL MANHOLE IS REQUIRED
840.54	TRAFFIC BEARING JUNCTION BOX FOR USE WITH PIPES 42" AND UNDER	NOTE 1: OPTIONAL MANHOLE IS REQUIRED AS MEASURED FROM BOTTOM OF TOP SLAB -- FOR JUNCTION BOX HEIGHT 0'-4" USE 8" THICK WALL FROM 4" HEIGHT TO 10' HEIGHT, USE 12" THICK WALL. IF PROPOSED STRUCTURE EXCEEDS 12'-0" HEIGHT A SPECIAL DESIGN WILL BE REQUIRED
840.55	TRAFFIC BEARING DROP INLET FOR CAST IRON DOUBLE FRAME AND GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.56	TRAFFIC BEARING DROP INLET FOR STEEL (840.57) DOUBLE FRAME AND GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.57	STEEL GRATE AND FRAME	NOT FOR USE IN PEDESTRIAN AREAS
840.61	SPRING BOX CONCRETE OR BRICK	
840.45	PRECAST DRAINAGE STRUCTURE (SOLID AND WAFFLE WALL)	WAFFLE WALL IS NOT PERMITTED IN ROADWAY, PLANTING STRIPS, OR MEDIANS. ALL OPENINGS SHALL BE PRE-CAST
840.46	TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE	
840.51	BRICK MANHOLE 12" 36" PIPE	
840.52	PRECAST MANHOLE 4", 5" AND 6" DIAMETER 12" THRU 42" PIPE	
840.53	PRECAST MANHOLE WITH MASONRY BASE 12" THRU 42" PIPE	
840.54	MANHOLE FRAME AND COVER	
840.60	DRAINAGE STRUCTURE STEPS	
840.71	CONCRETE PAVED DITCHES	
840.72	PIPE COLLAR	
850.01	CONCRETE PAVED DITCHES	
852.04	METHODS FOR PLACEMENT OF DROP INLETS IN GRASSED MEDIAN (USING 1'-6" CURB AND GUTTER)	
855.05	MEDIAN CURB FOR CATCH BASIN (FOR USE WITH 1'-6" CURB AND GUTTER)	
852.08	METHOD OF PLACEMENT OF DROP INLETS IN CONCRETE ISLANDS	
876.01	RIP RAP IN CHANNELS	
876.03	DRAINAGE DITCHES WITH CLASS "A" RIP RAP	
876.04	DRAINAGE DITCHES WITH CLASS "B" RIP RAP	
310.01	1998 DRAWINGS CONCRETE FLARED END SECTION	

NOTE 1: FOR ALL STRUCTURES - NCDOT REQUIRES CLASS B CONCRETE (2500PSI). THE TOWN REQUIRES 3600 PSI CONCRETE STRENGTH @ 28 DAYS. 3600 PSI CONCRETE SHALL BE USED IN ALL TOWN PROJECTS.

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN THE TOWN OF WAXHAW

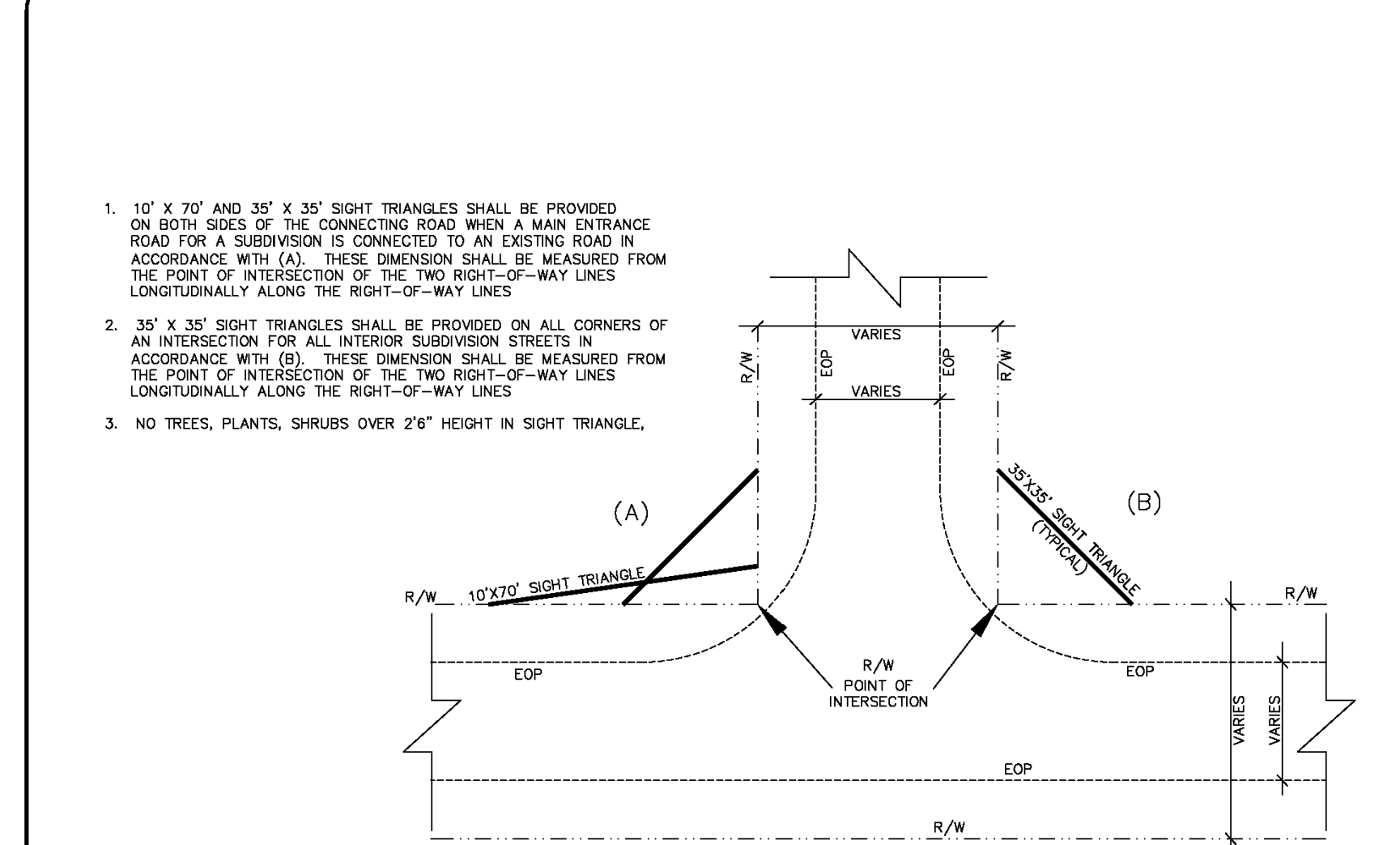
STD. NO. 302.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN THE TOWN OF WAXHAW

STABILIZED CONSTRUCTION ENTRANCE

STD. NO. 514.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS APPROVED FOR USE IN THE TOWN OF WAXHAW

TYPICAL SIGHT TRIANGLES

STD. NO. 726.1

WK DICKSON
community infrastructure consultants

616 COLONNADE DR
CHARLOTTE, NC 28205
(704) 334-0078
(704) 334-5348

WWW.WKDICKSON.COM

NC LICENSE NO. F-0374

Professional Seal of West-Beal Engineering, Inc. (Professional Engineer, State of North Carolina, License No. 142918)

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	BY
A	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	CJH
B	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	CJH

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

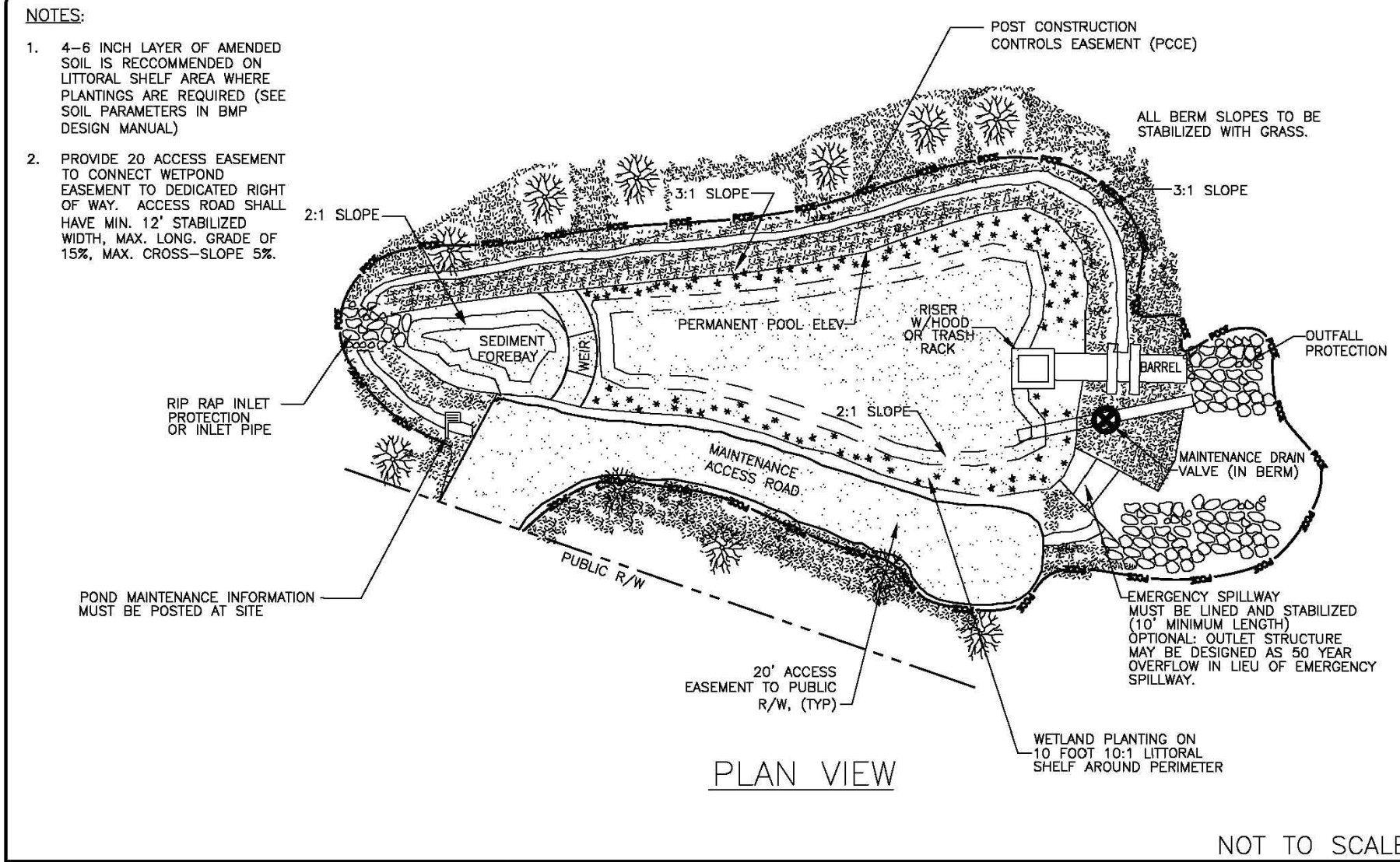
DRAWING TITLE: DETAILS - SHEET 2

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: MAY 2018
DRAWING NUMBER: C9.1
WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018



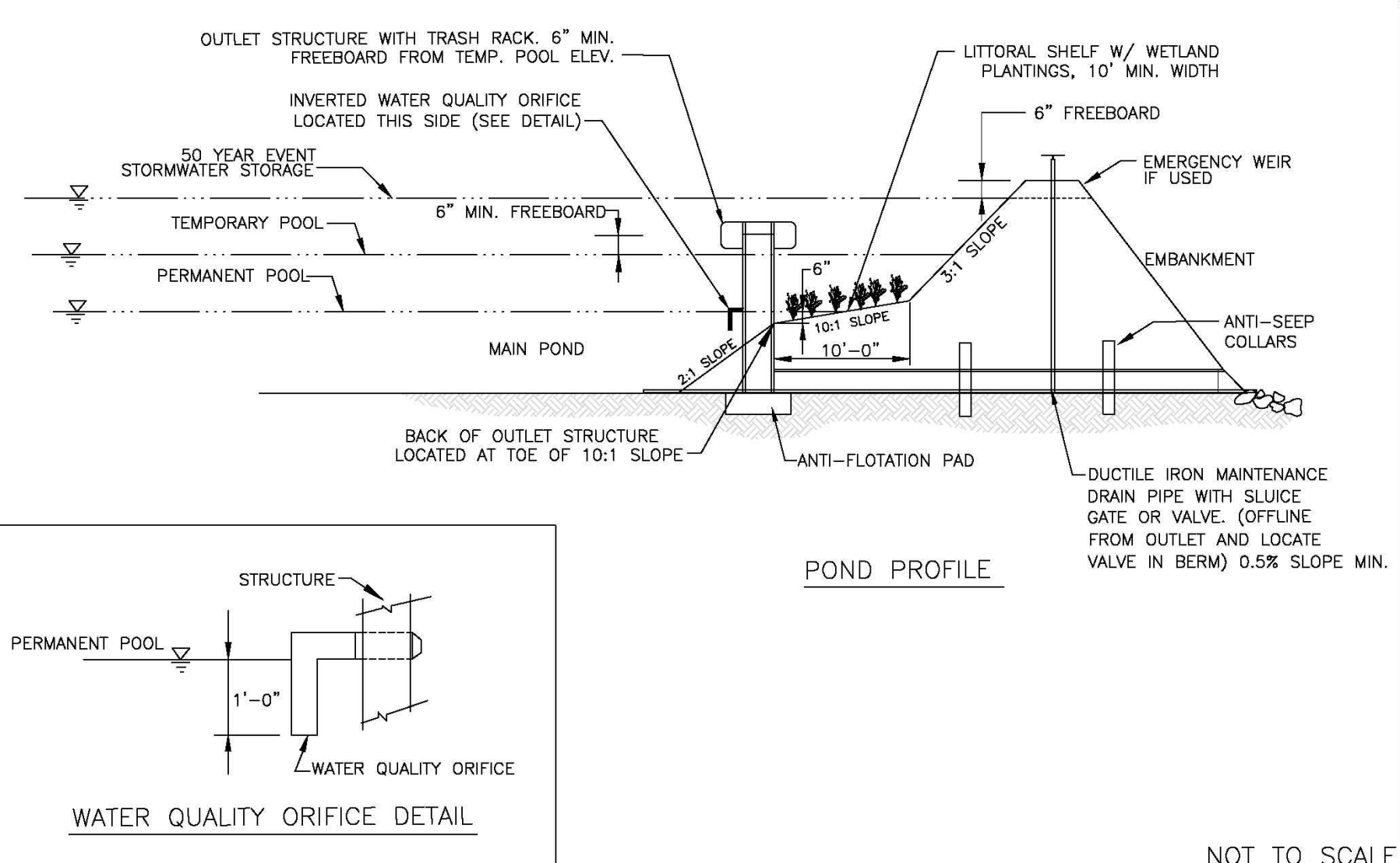
LANDEAVOR **WK DICKSON**
community infrastructure consultants



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

WETPOND PLAN

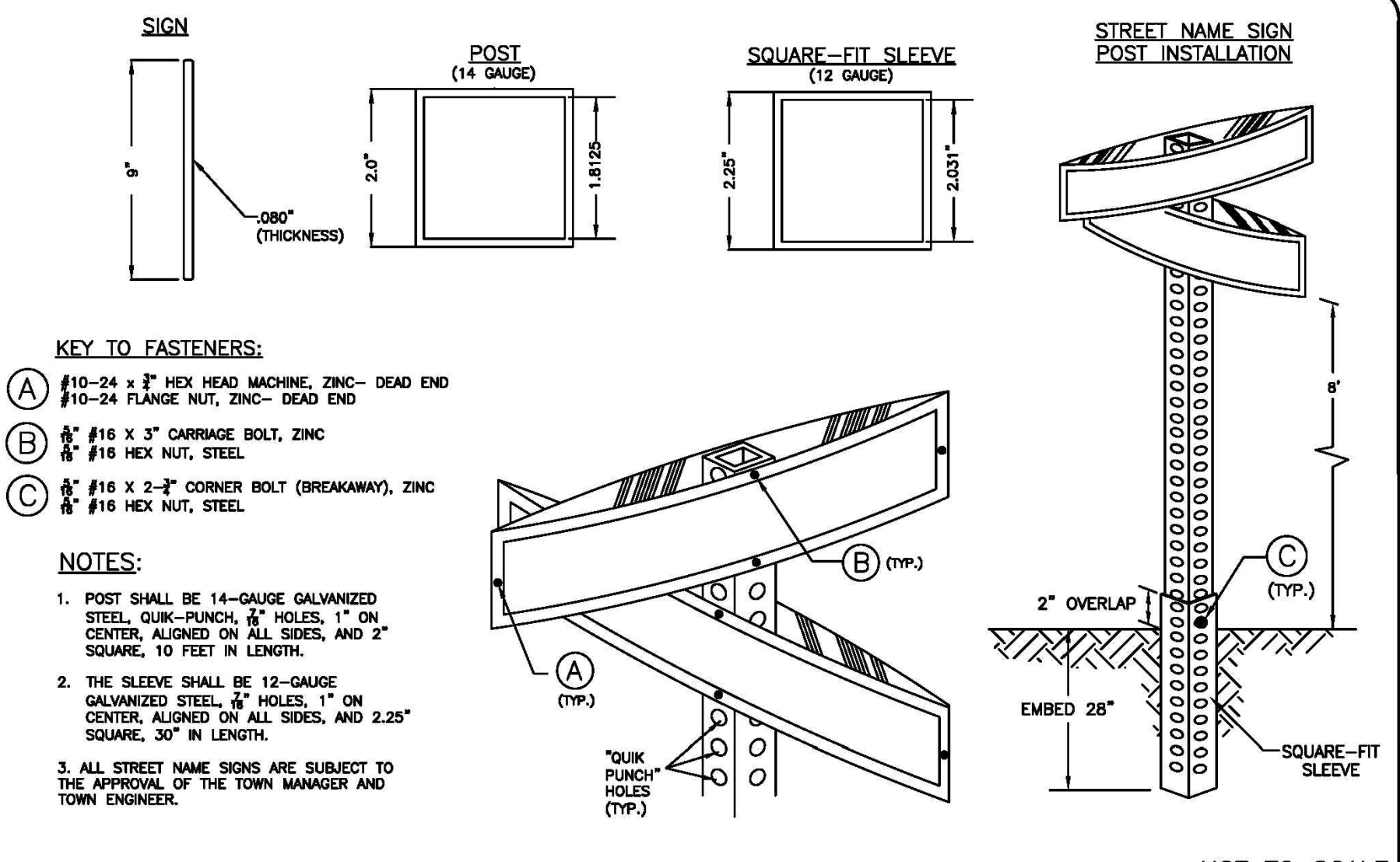
STD. NO. REV.
405.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

WETPOND LITTORAL SHELF AND BERM DETAIL

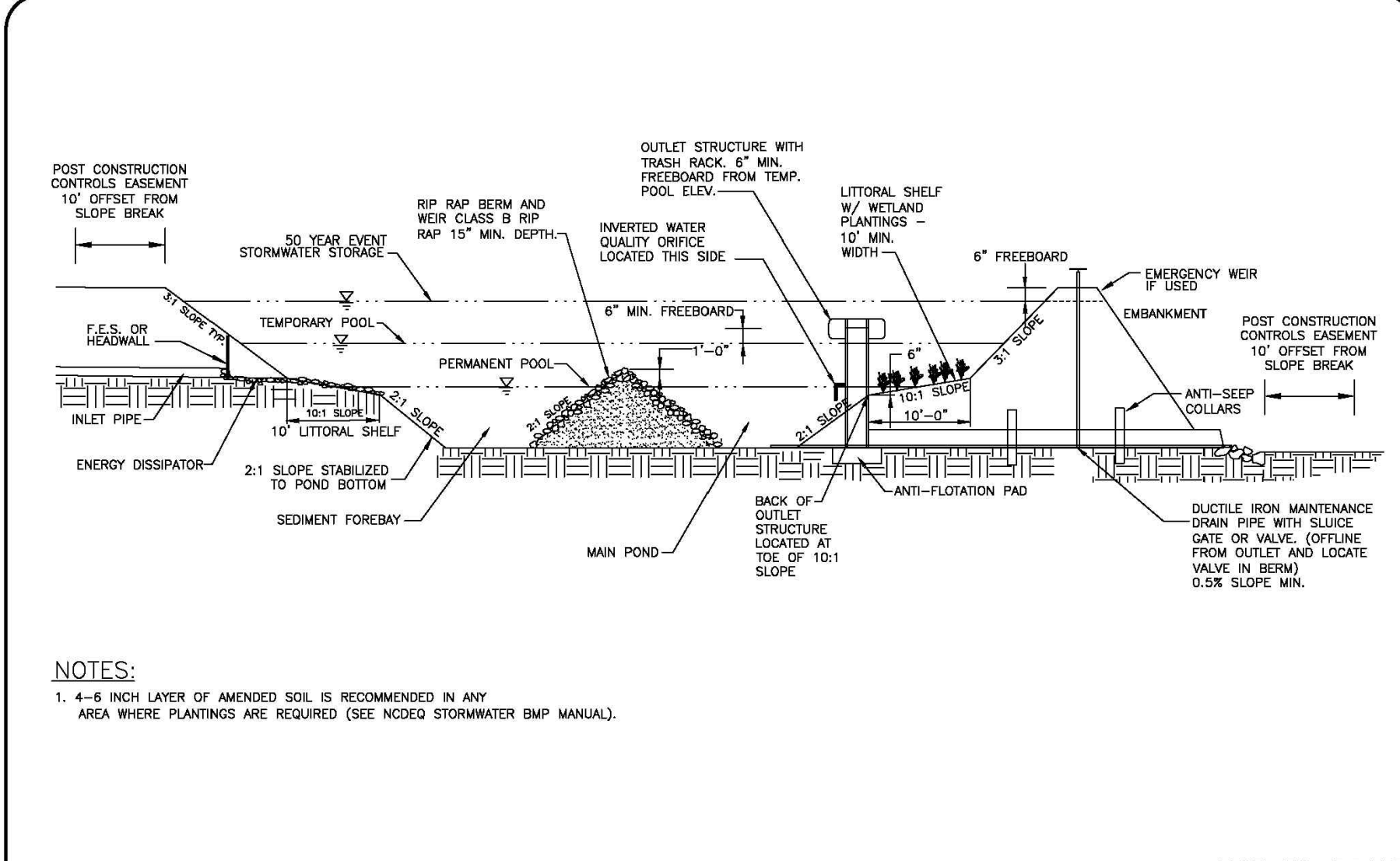
STD. NO. REV.
408.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

NON THOROUGHFARE STREET NAME SIGN

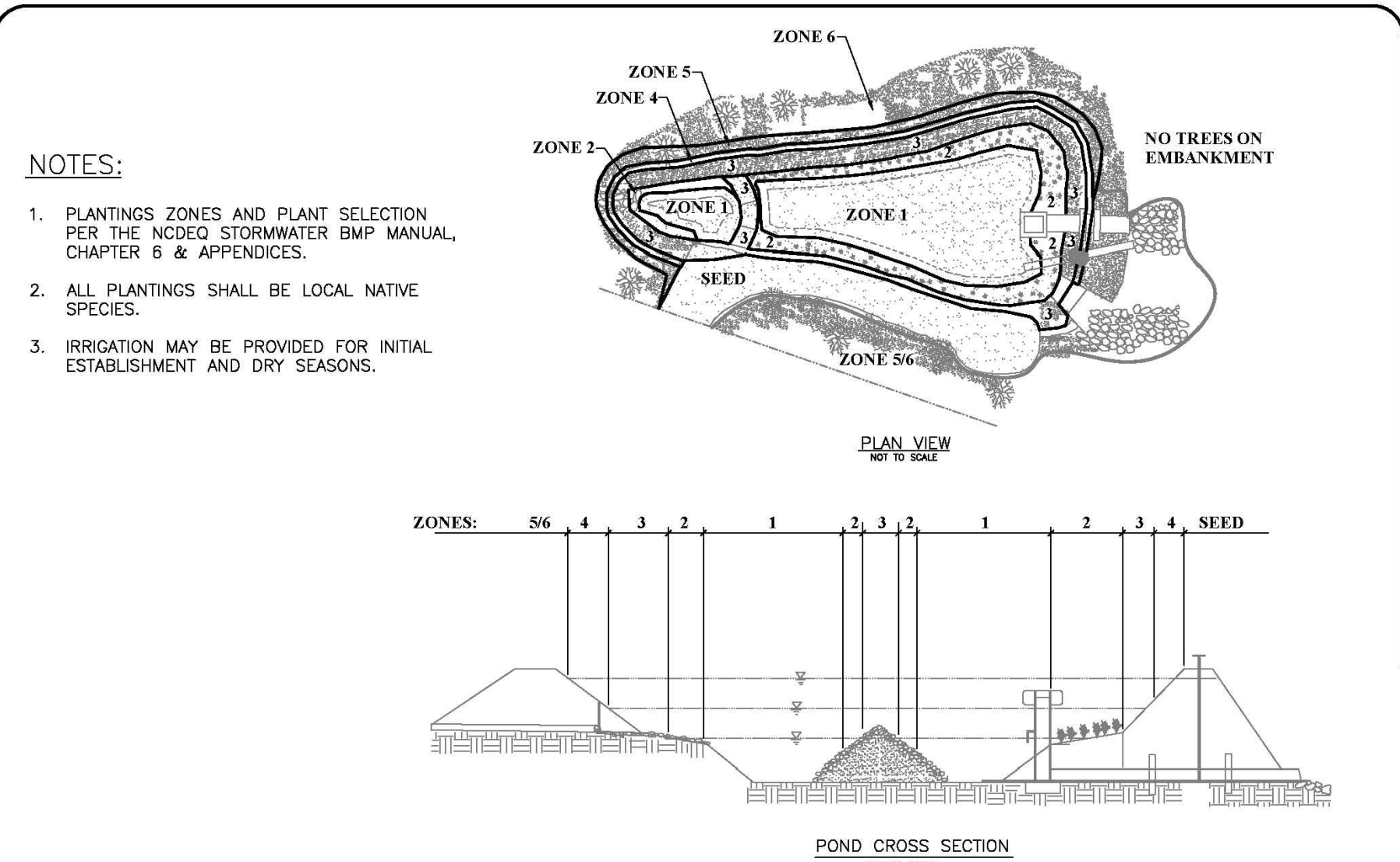
STD. NO. REV.
702.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

WETPOND PROFILE

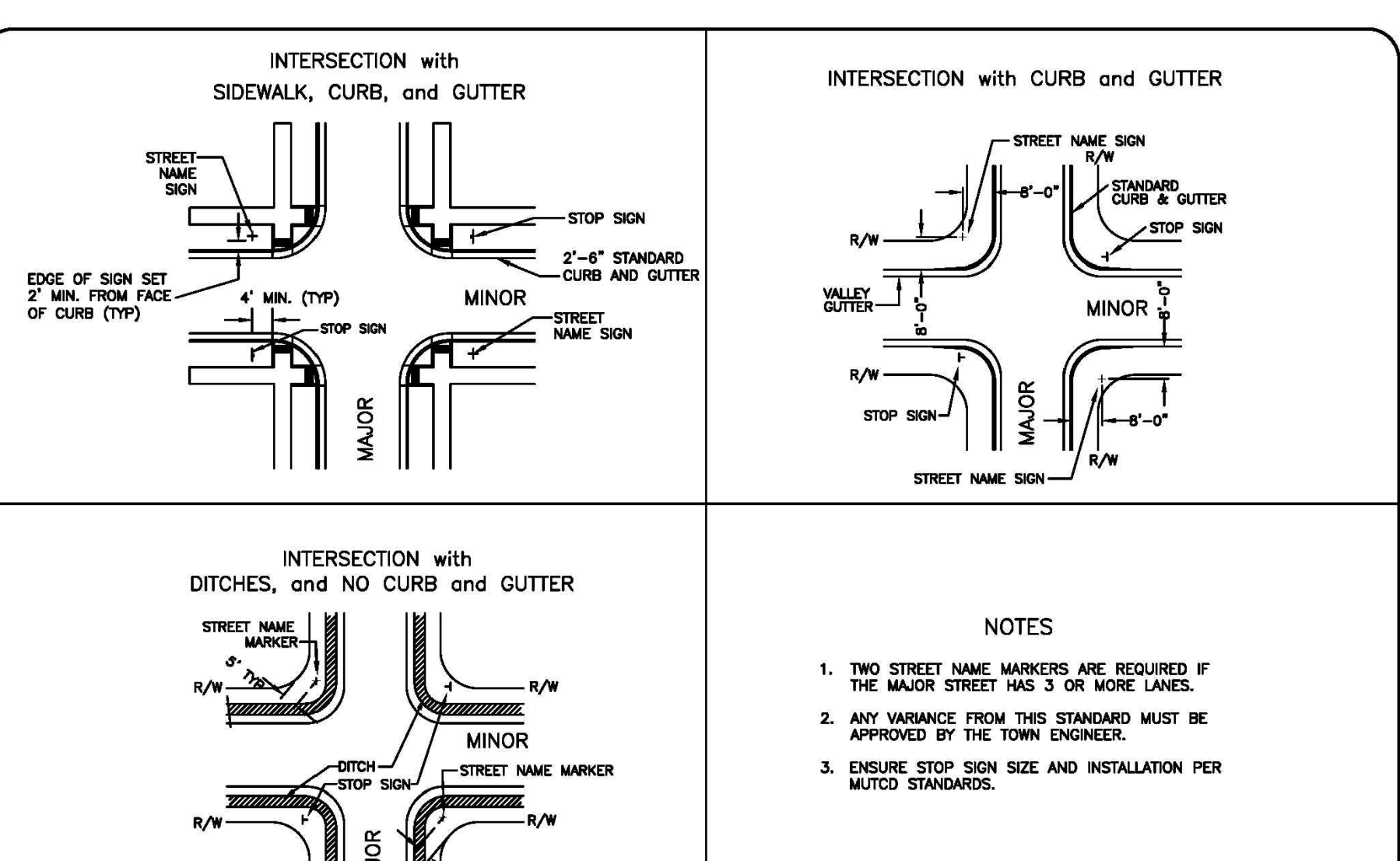
STD. NO. REV.
406.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

WETPOND PLANTING PLAN

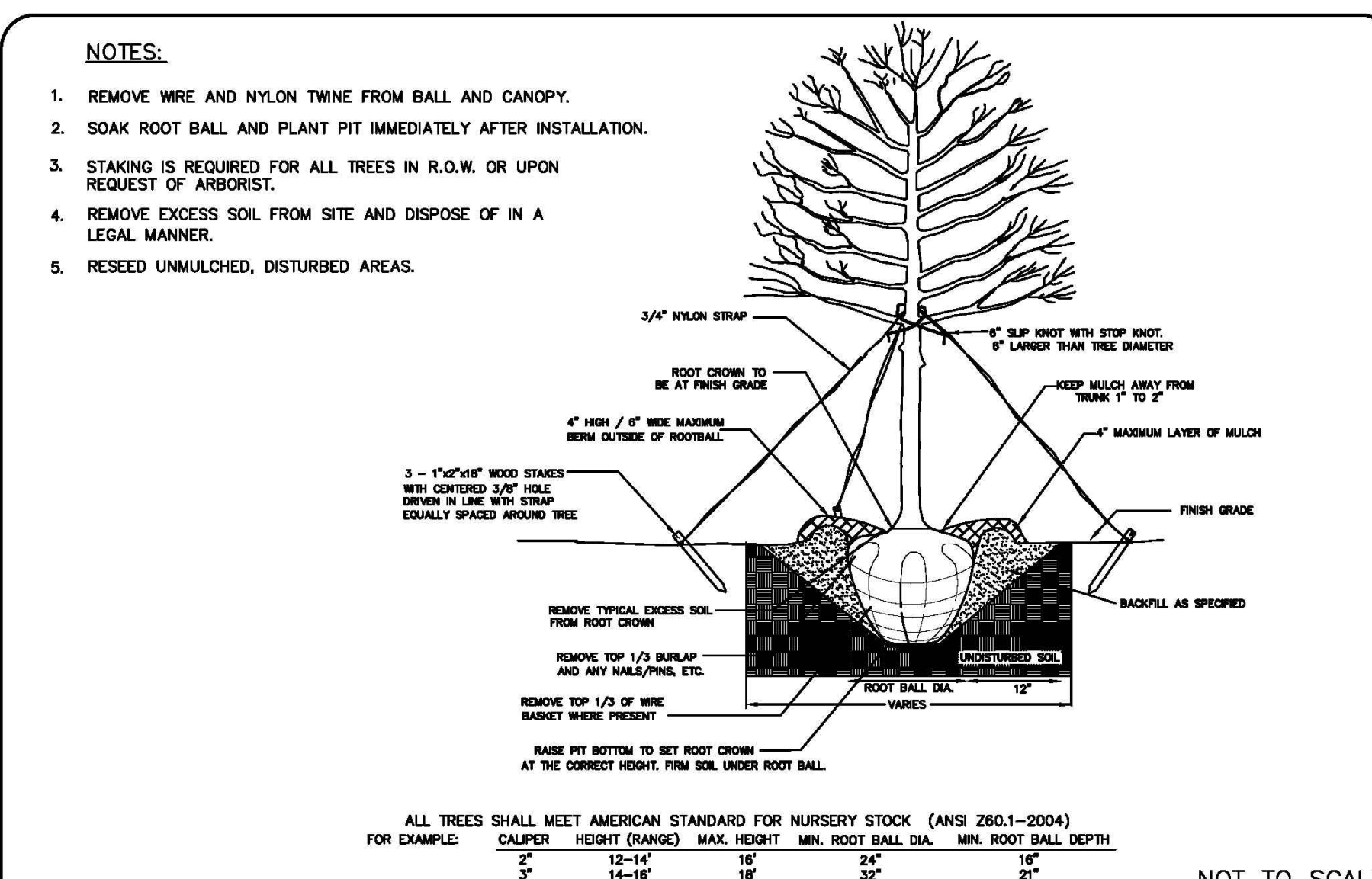
STD. NO. REV.
409.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

STREET SIGN INSTALLATION LOCATIONS

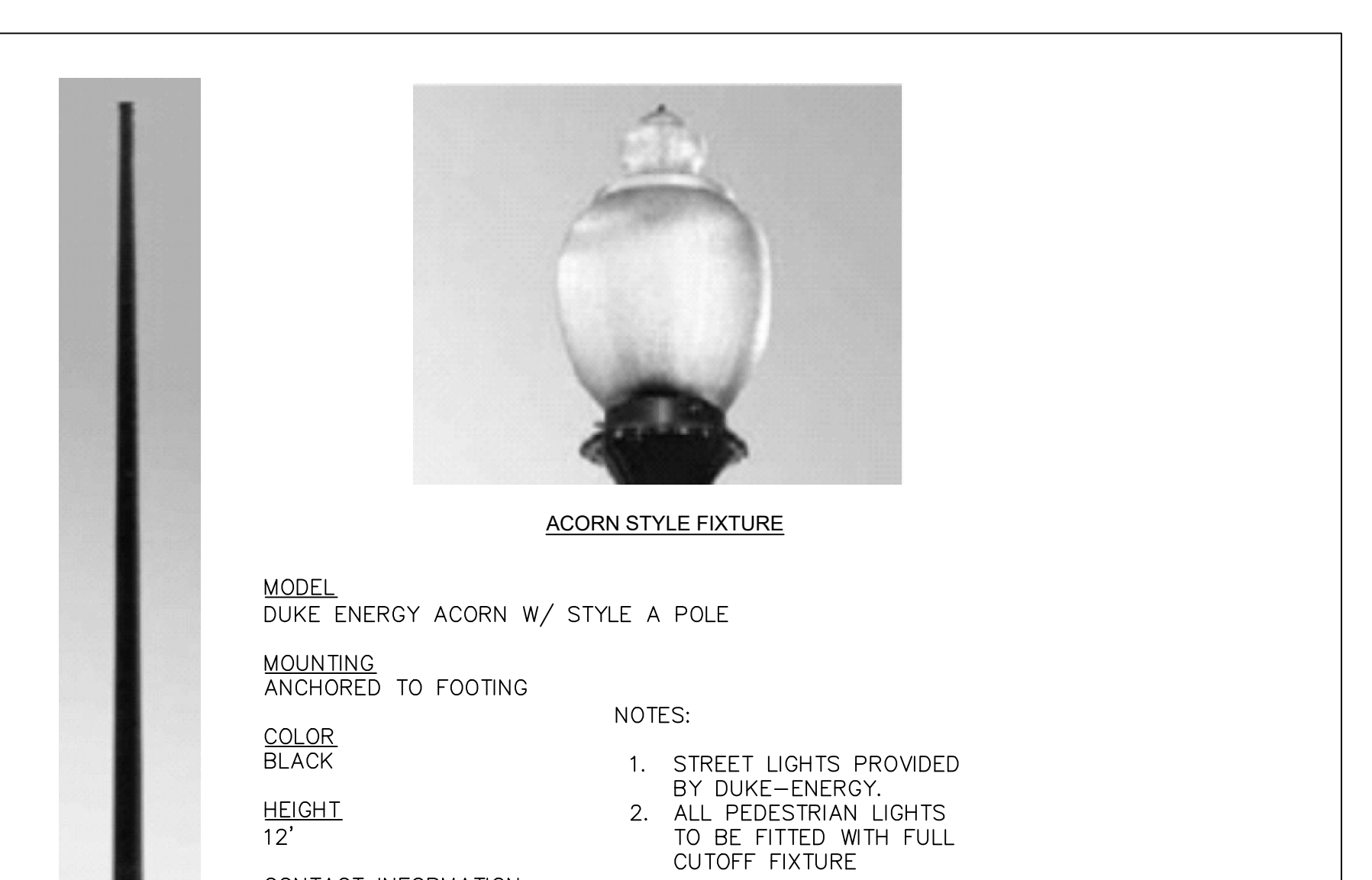
STD. NO. REV.
704.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

TREE PLANTING (FOR SINGLE AND MULTI-STEM TREES)

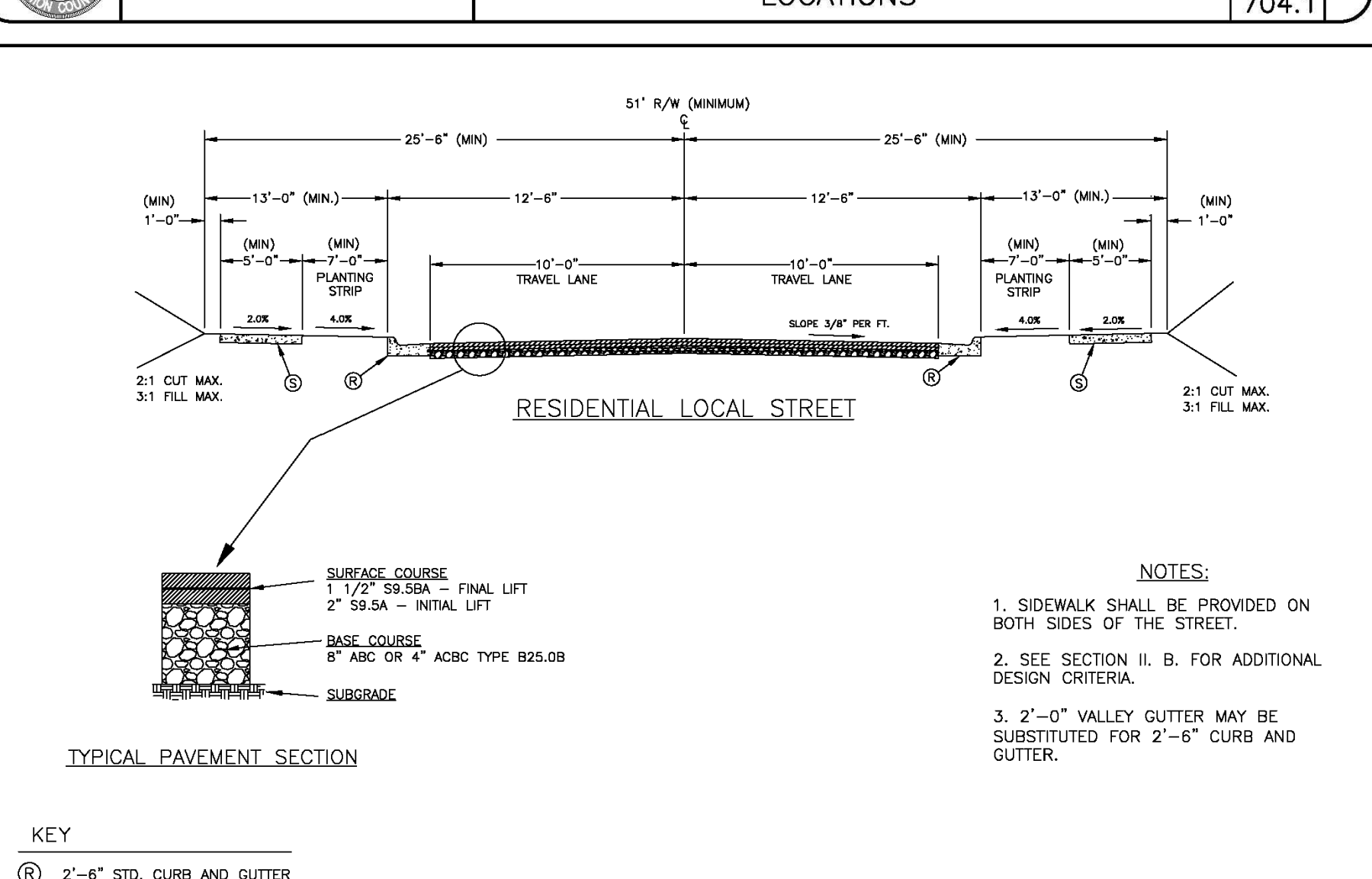
STD. NO. REV.
600.1



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

RESIDENTIAL LOCAL STREET TYPICAL SECTION

STD. NO. REV.
200.3



TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

RESIDENTIAL LOCAL STREET NO ON STREET PARKING TYPICAL SECTION

STD. NO. REV.
200.3

WK DICKSON
community infrastructure consultants

616 COLONNADE DR
CHARLOTTE, NC 28205
(704) 334-0079
(704) 334-5348
WWW.WKDICKSON.COM
NC LICENSE NO. F-0374

West-Boh
REGISTERED PROFESSIONAL ENGINEER
WESTON G. BOHLEN
1/26/18

PROFESSIONAL SEAL

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	BY
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	CJH
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS	CJH

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

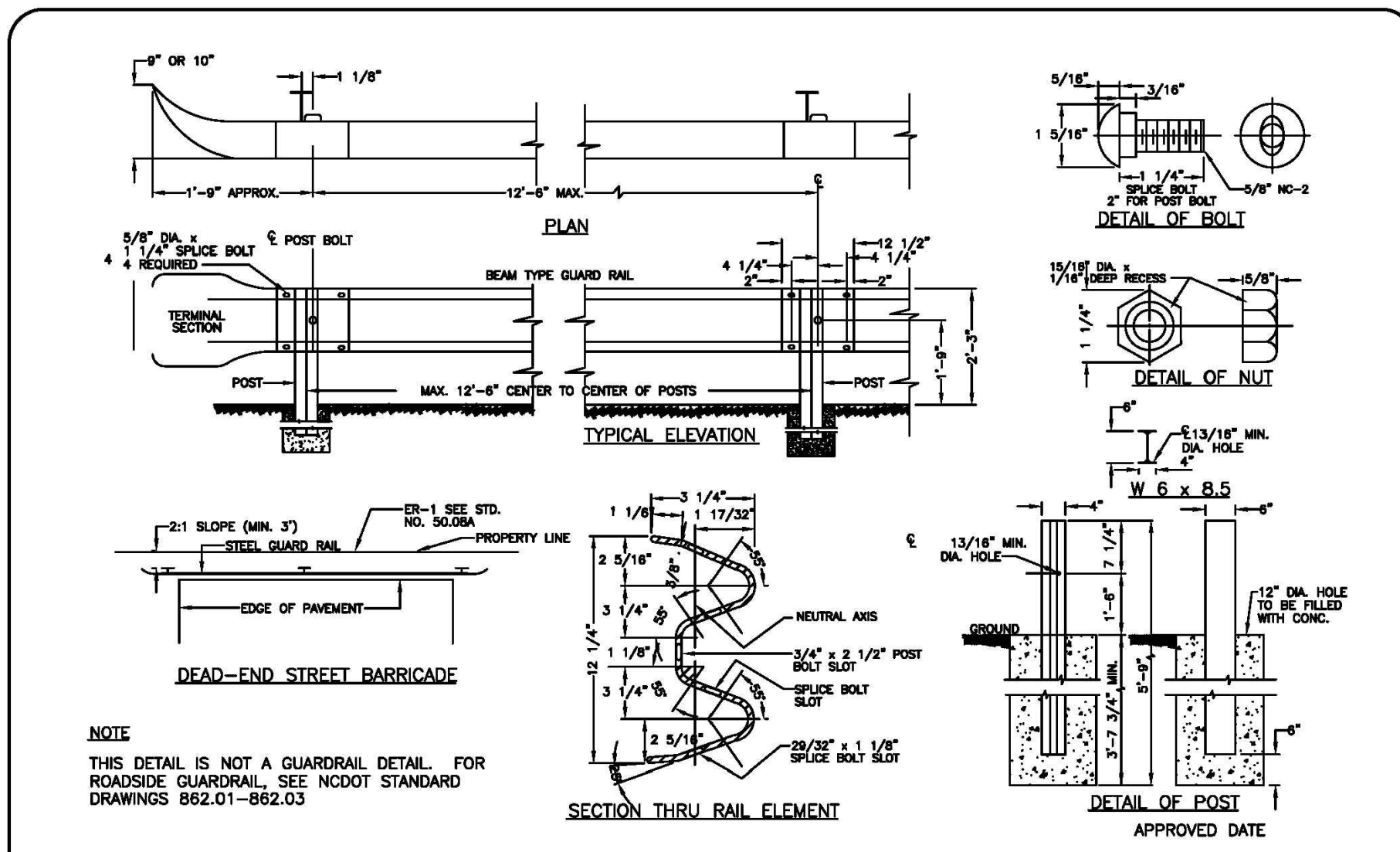
DRAWING TITLE: DETAILS- SHEET 3

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: MAY 2018
DRAWING NUMBER: C9.2
WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018



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NOTE
THIS DETAIL IS NOT A GUARDRAIL DETAIL. FOR
ROADSIDE GUARDRAIL, SEE NCDOT STANDARD
DRAWINGS 862.01-862.03

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

DEAD END STREET BARRICADE

STD. NO. REV.
706.1

GENERAL NOTES:

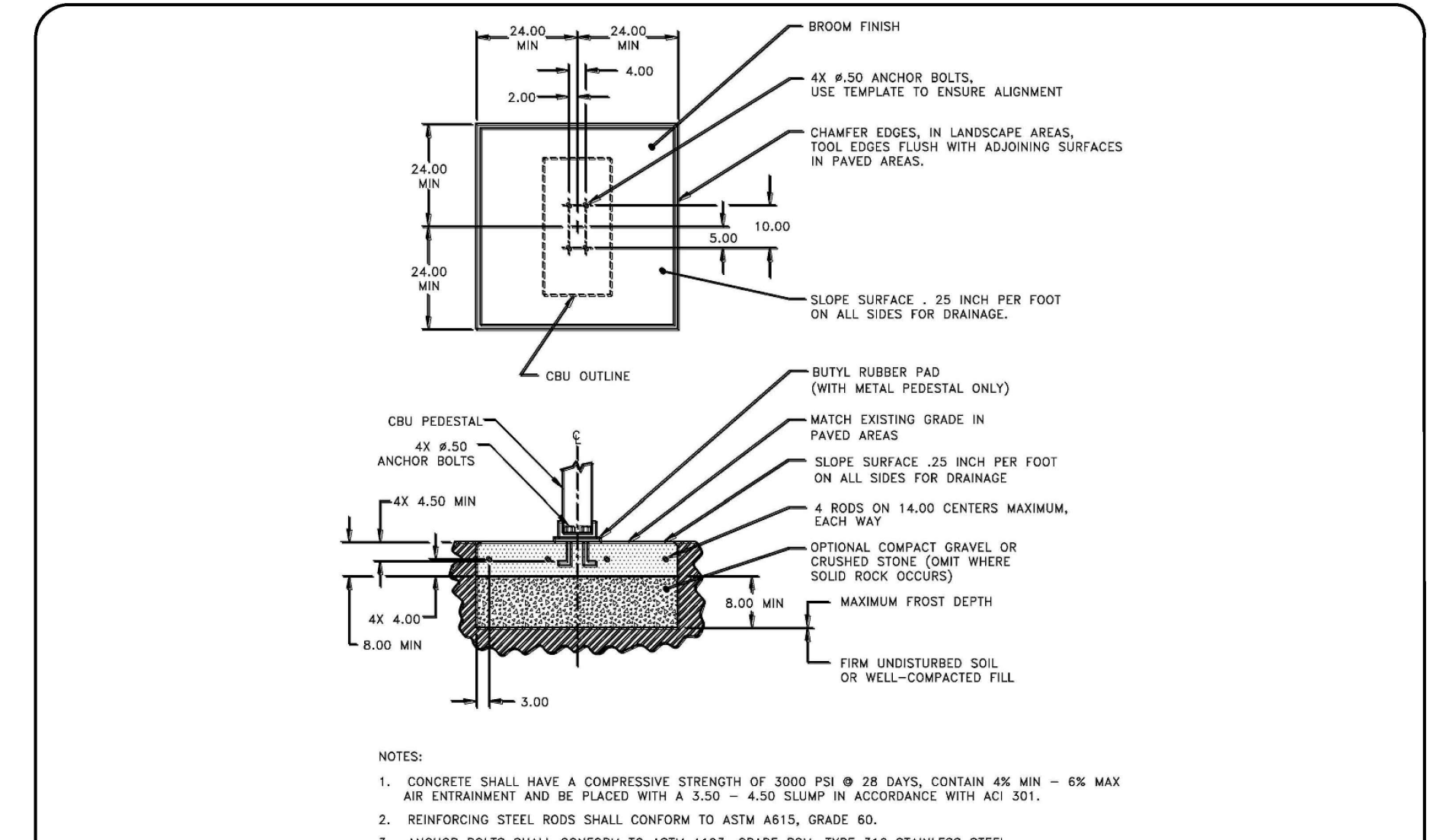
- STEEL BEAM TYPE GUARD RAILS SHALL BE INSTALLED AT THE END OF ALL DEAD-END STREETS, EXCEPT CUL-DE-SAC STREETS WHICH HAVE BEEN IMPROVED WITH A PERMANENT TURN-AROUND.
- FOR STREETS 26' IN WIDTH THE GUARD RAIL SHALL CONSIST OF TWO(2) 12'-6" SECTIONS OR ONE(1) 25' SECTION, THREE (3) STEEL POSTS, AND TWO (2) TERMINAL SECTIONS. FOR STREETS GREATER THAN 25' IN WIDTH THE GUARD RAIL SHALL SPAN THE ENTIRE WIDTH OF THE STREET.
- GUARD RAIL SHALL CONSIST OF RAIL ELEMENTS FABRICATED TO DEVELOP CONTINUOUS BEAM STRENGTH AND INSTALLED AS SHOWN.
- MINIMUM THICKNESS OF GUARD RAIL SHALL BE 12 GAGE U.S. STANDARD. THE RAIL ELEMENT INCLUDING SPLICES, SHALL HAVE A MINIMUM ULTIMATE TENSILE STRENGTH OF 80,000 LBS. GUARD RAIL PARTS FURNISHED SHALL BE INTERCHANGEABLE WITH SIMILAR PARTS REGARDLESS OF THE SOURCE OF MANUFACTURER. THE HOLES FOR CONNECTING BOLTS SHALL BE PUNCHED OR DRILLED, BURNING WILL NOT BE PERMITTED.
- THE GUARD, BOLTS, NUTS, STEEL POSTS, AND ALL OTHER METAL PARTS SHALL BE GALVANIZED TO CONFORM TO THE REQUIREMENTS FOR THE COATING CLASS, (2.50 OUNCES PER SQUARE FOOT) OF THE CURRENT SPECIFICATIONS FOR ZINC-COATED (GALVANIZED) IRON, AND STEEL SHEETS, COILS, AND CUT LENGTHS, IN ACCORDANCE WITH ASTM 123A.
- IF THE AVERAGE SPECTER COATING AS DETERMINED FROM THE REQUIRED SAMPLES IS LESS THAN TWO (2) OUNCES OF SPECTER PER SQUARE FOOT, OR IF ANY ONE SPECIMEN HAS LESS THAN 1.8 OUNCES OF SPECTER PER SQUARE FOOT OF DOUBLE EXPOSED SURFACE, THE LOT SAMPLED SHALL BE REJECTED, THE FINISHED SHEETS SHALL BE OF FIRST CLASS COMMERCIAL QUALITY, FREE FROM INJURIOUS DEFECTS, SUCH AS BUSTERS, FLUX, AND UNCOATED SPOTS.
- THE GUARD RAIL SHALL BE INSPECTED TO DETERMINE THAT THE MATERIAL, DIMENSIONS, AND WORKMANSHIP ARE IN ACCORDANCE WITH THIS PLAN.
- WHERE A DEAD-END STREET REQUIRES GUARD RAIL, END OF ROADWAY MARKER SIGNS SHALL ALSO BE REQUIRED. (SEE STD.707.1 & 708.1)

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

END OF ROADWAY STREET BARRICADE
GENERAL NOTES

STD. NO. REV.
709.1



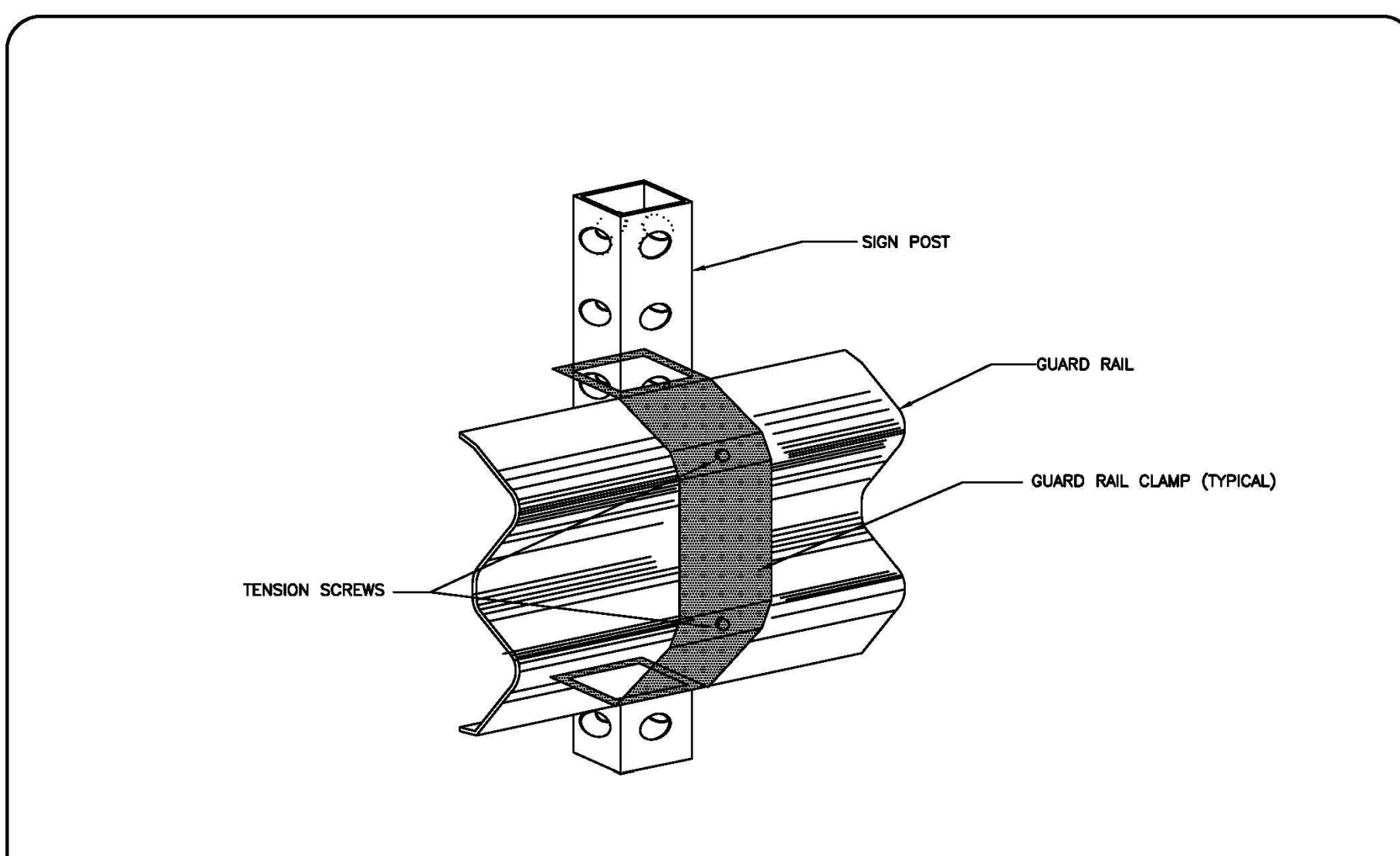
- NOTES:
- CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS, CONTAIN 4% MIN - 6% MAX AIR ENTRAINMENT AND BE PLACED WITH A 3.50 - 4.50 SLUMP IN ACCORDANCE WITH ACI 301.
 - REINFORCING STEEL RODS SHALL CONFORM TO ASTM A615, GRADE 60.
 - ANCHOR BOLTS SHALL CONFORM TO ASTM A193, GRADE B8M, TYPE 316 STAINLESS STEEL.

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

USPS APPROVED SPECIFICATIONS
CONCRETE PAD (SINGLE UNIT)

STD. NO. REV.
724.1

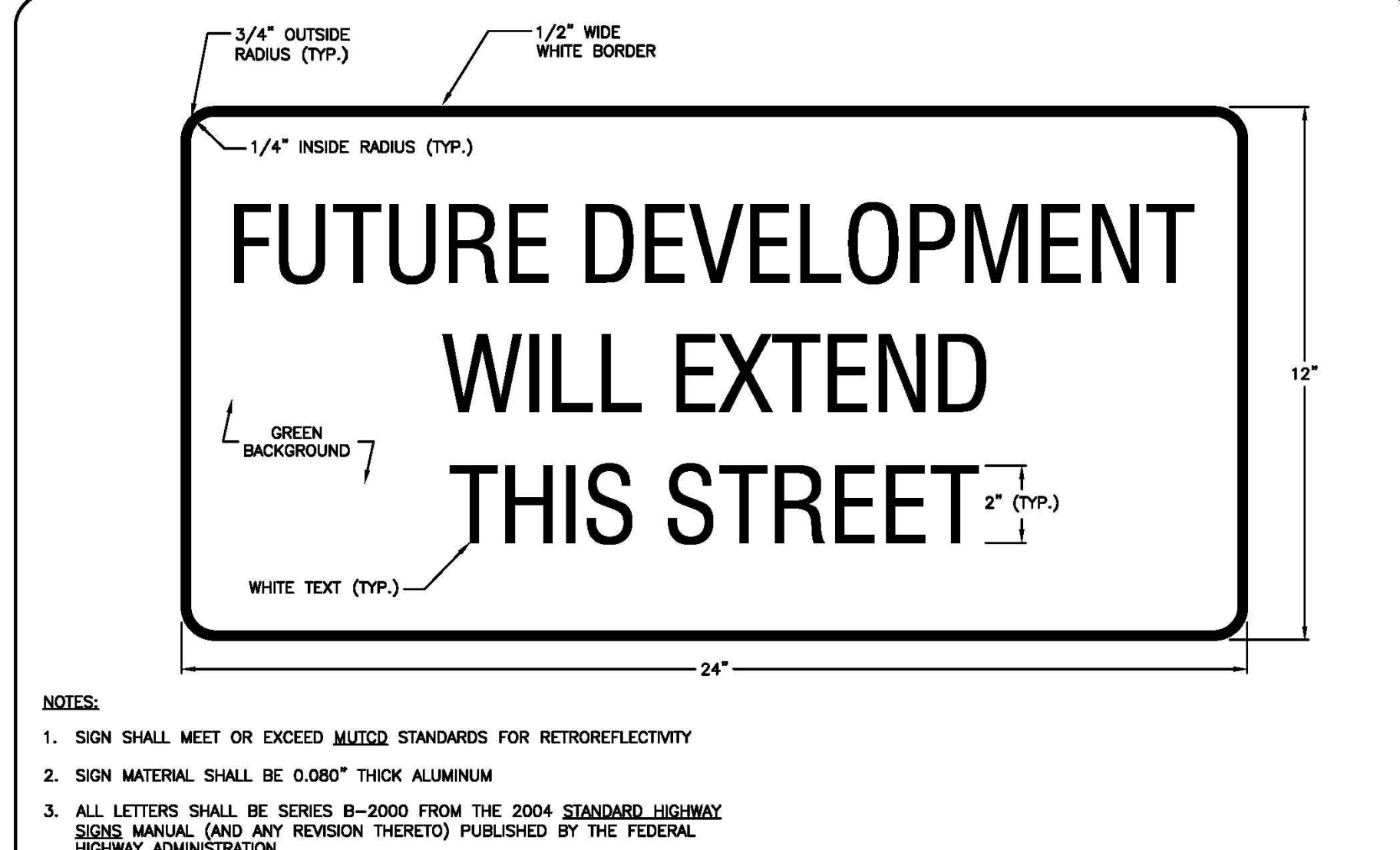


NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

END OF ROADWAY MARKER
GUARD RAIL CLAMP INSTALLATION

STD. NO. REV.
707.1



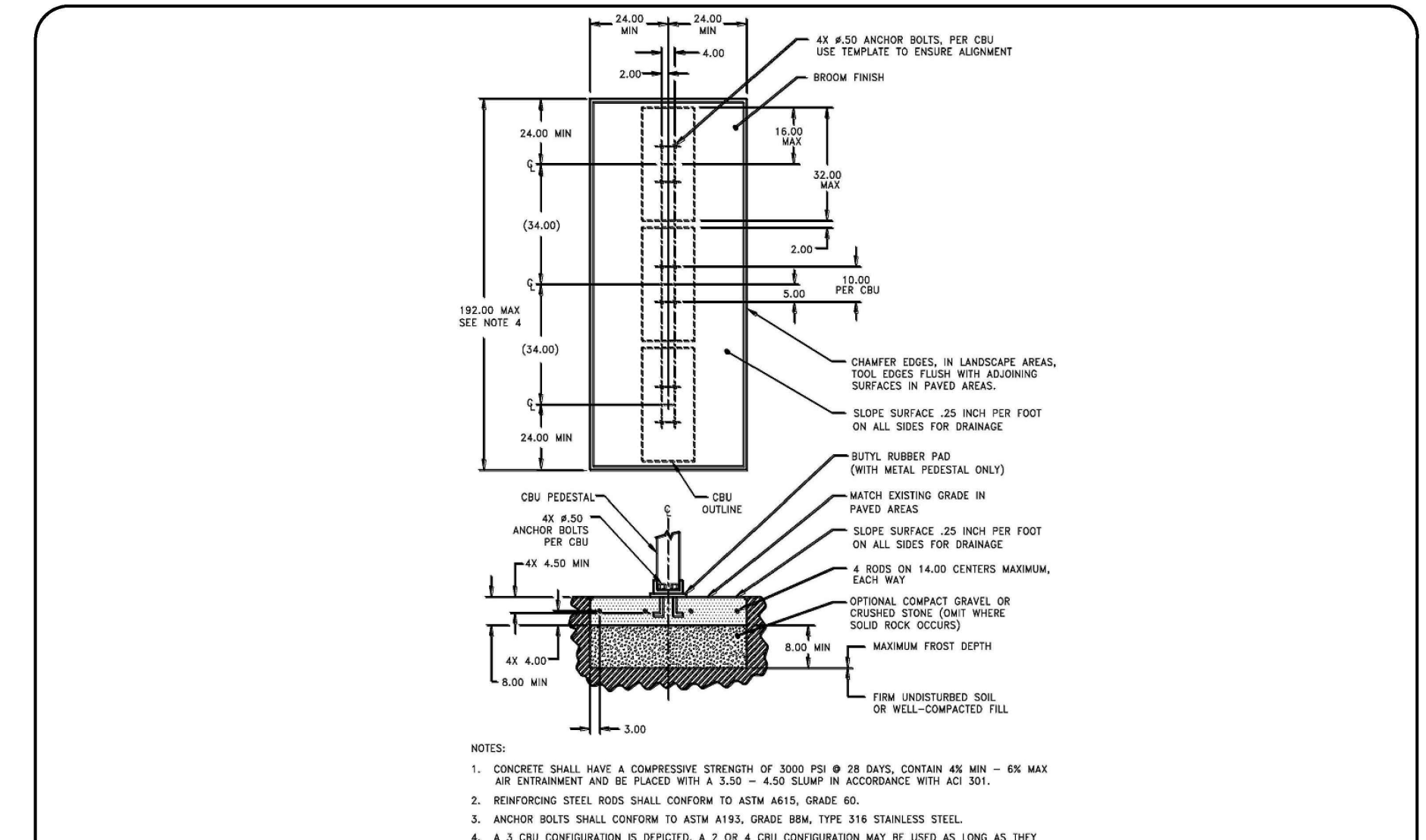
- NOTES:
- SIGN SHALL MEET OR EXCEED MUTCD STANDARDS FOR RETROREFLECTIVITY
 - SIGN MATERIAL SHALL BE 0.080" THICK ALUMINUM
 - ALL LETTERS SHALL BE SERIES B-2000 FROM THE 2004 STANDARD HIGHWAY SIGNS MANUAL (AND ANY REVISION THERETO) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

STREET CONNECTIVITY SIGN
FOR END-OF-ROAD BARRICADE

STD. NO. REV.
708.1



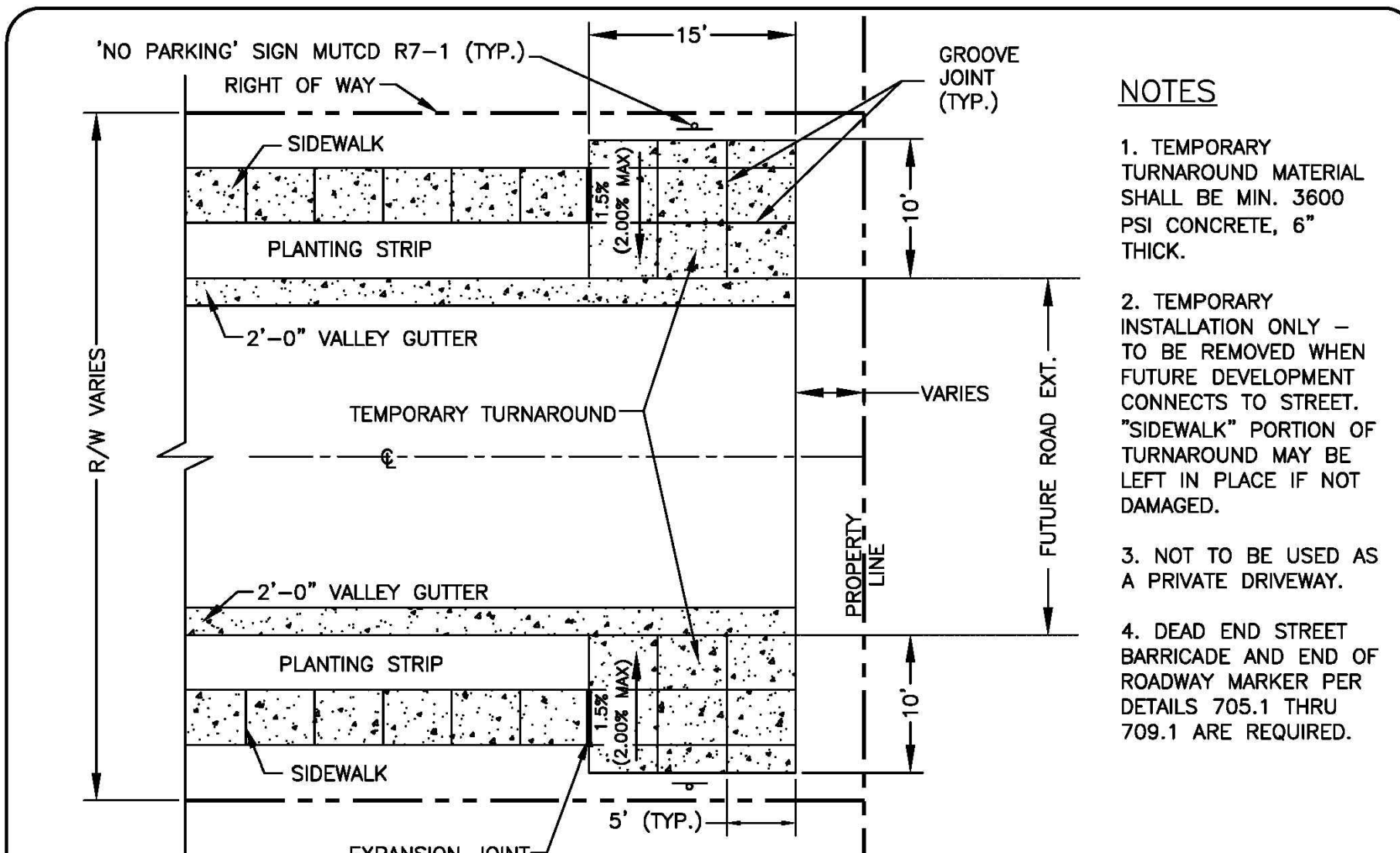
- NOTES:
- CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS, CONTAIN 4% MIN - 6% MAX AIR ENTRAINMENT AND BE PLACED WITH A 3.50 - 4.50 SLUMP IN ACCORDANCE WITH ACI 301.
 - REINFORCING STEEL RODS SHALL CONFORM TO ASTM A615, GRADE 60.
 - ANCHOR BOLTS SHALL CONFORM TO ASTM A193, GRADE B8M, TYPE 316 STAINLESS STEEL.
 - A 2" CBU CONTOURATION IS REQUIRED AT A 2" OR 4" CBU CONTOURATION MAY BE USED AS LONG AS THEY ARE ARRANGED IN GROUPS SUCH THAT THE OVERALL DIMENSION OF THE CONCRETE BASE DOES NOT EXCEED 18" HIGHER.

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

USPS APPROVED SPECIFICATIONS
CONCRETE PAD (MULTIPLE UNIT)

STD. NO. REV.
725.1



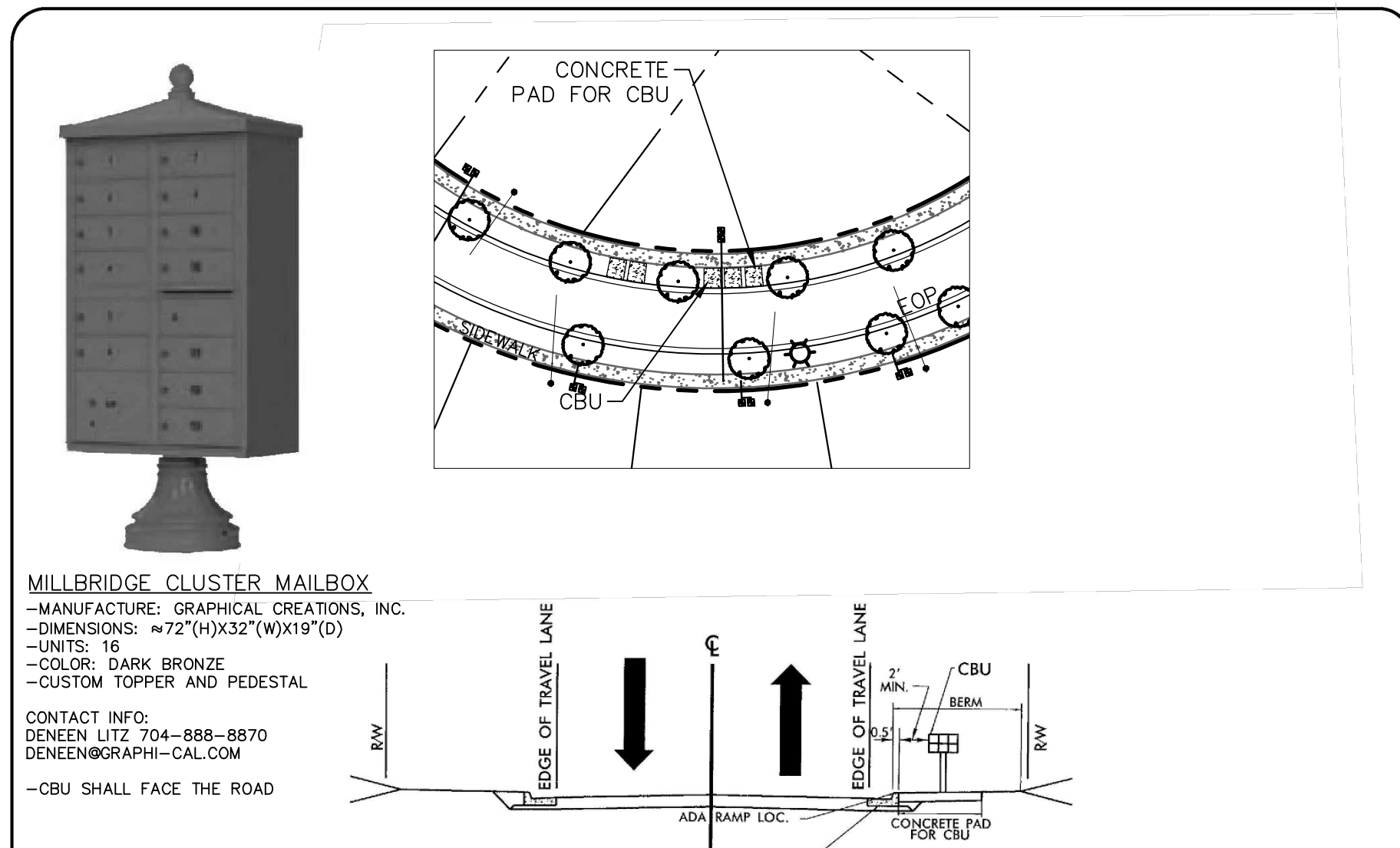
- NOTES**
- TEMPORARY TURNAROUND MATERIAL SHALL BE MIN. 3600 PSI CONCRETE, 6" THICK.
 - TEMPORARY INSTALLATION ONLY - TO BE REMOVED WHEN FUTURE DEVELOPMENT CONNECTS TO STREET. "SIDEWALK" PORTION OF TURNAROUND MAY BE LEFT IN PLACE IF NOT DAMAGED.
 - NOT TO BE USED AS A PRIVATE DRIVEWAY.
 - DEAD END STREET BARRICADE AND END OF ROADWAY MARKER PER DETAILS 705.1 THRU 709.1 ARE REQUIRED.

SCALE 1"=10'

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

TEMPORARY TURNAROUND
LOCAL RESIDENTIAL STREET
(OPTIONAL)

STD. NO. REV.
280.5



MILLBRIDGE CLUSTER MAILBOX
-MANUFACTURE: GRAPHICAL CREATIONS, INC.
-DIMENSIONS: 72"(H)x32"(W)x19"(D)
-UNITS: 16
-COLOR: DARK BRONZE
-CUSTOM TOPPER AND PEDESTAL

CONTACT INFO:
DENEEN LITZ 704-888-8870
DENEEN@GRAPH-CAL.COM

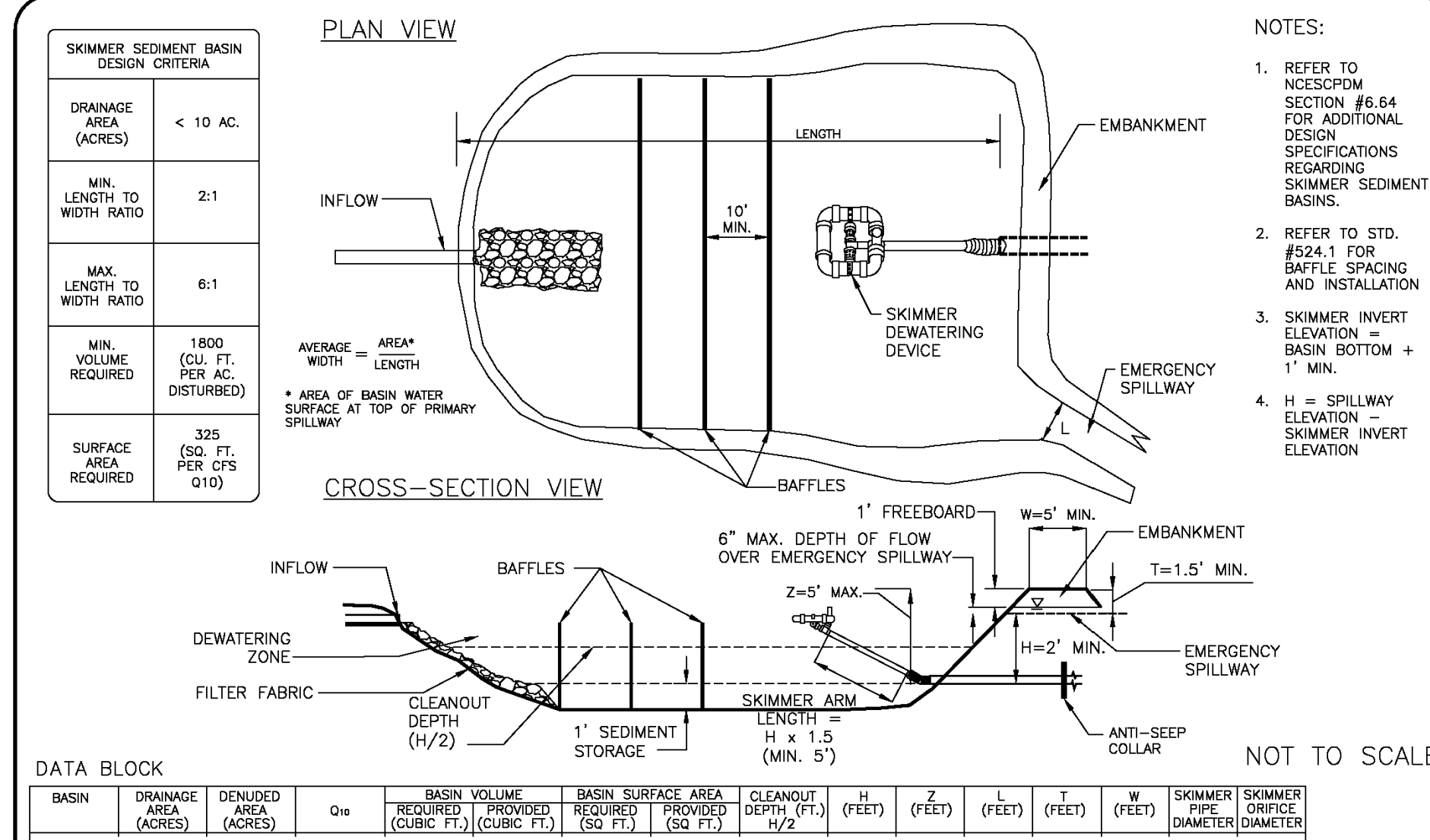
-CBU SHALL FACE THE ROAD

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

CBU PLACEMENT FOR C & G SECTION
RESIDENTIAL
SUBDIVISION STREETS

STD. NO. REV.
722.1



- SKIMMER SEDIMENT BASIN DESIGN CRITERIA**
- | | |
|--|----------|
| DRAINAGE AREA (ACRES) | < 10 AC. |
| MIN. LENGTH TO WIDTH RATIO | 2:1 |
| MAX. LENGTH TO WIDTH RATIO | 6:1 |
| MIN. VOLUME REQUIRED (CU. FT. PER AC. DISTURBED) | 1800 |
| SURFACE AREA REQUIRED (SQ. FT. PER CFS Q10) | 325 |
- NOTES:**
- REFER TO NCESSOPM SECTION #6.64 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SKIMMER SEDIMENT BASINS.
 - REFER TO STD. #524.1 FOR BAFFLE SPACING AND INSTALLATION
 - SKIMMER INVERT ELEVATION = BASIN BOTTOM + 1' MIN.
 - H = SPILLWAY ELEVATION - SKIMMER INVERT ELEVATION

NOT TO SCALE

TOWN OF WAXHAW
LAND DEVELOPMENT STANDARDS

SKIMMER SEDIMENT BASIN

STD. NO. REV.
502.1

BASIN	DRAINAGE AREA (ACRES)	DENUDED AREA (ACRES)	Q10	BASIN VOLUME		BASIN SURFACE AREA		CLEANOUT DEPTH (FT.) H/2	H (FEET)	Z (FEET)	L (FEET)	T (FEET)	W (FEET)	SKIMMER PIPE DIAMETER	SKIMMER ORIFICE DIAMETER
				REQUIRED (CUBIC FT.)	PROVIDED (CUBIC FT.)	REQUIRED (SQ. FT.)	PROVIDED (SQ. FT.)								
SKIMMER SEDIMENT BASIN #3 PH1	1.31	1.31	6	2354	6562	1950	3948	1.00	2	4	10	1	10	3	2.25



WK DICKSON
community infrastructure consultants

616 COLONNADE DR
CHARLOTTE, NC 28205
(704) 334-0079
(704) 334-5348

WWW.WKDICKSON.COM

NC LICENSE NO. F-0374

Professional Seal for West-Boh Engineering, Inc. with signature and date 1/20/18.

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	BY	DESCRIPTION
B	11/19/2018		CJH	
A	07/18/2018		CJH	

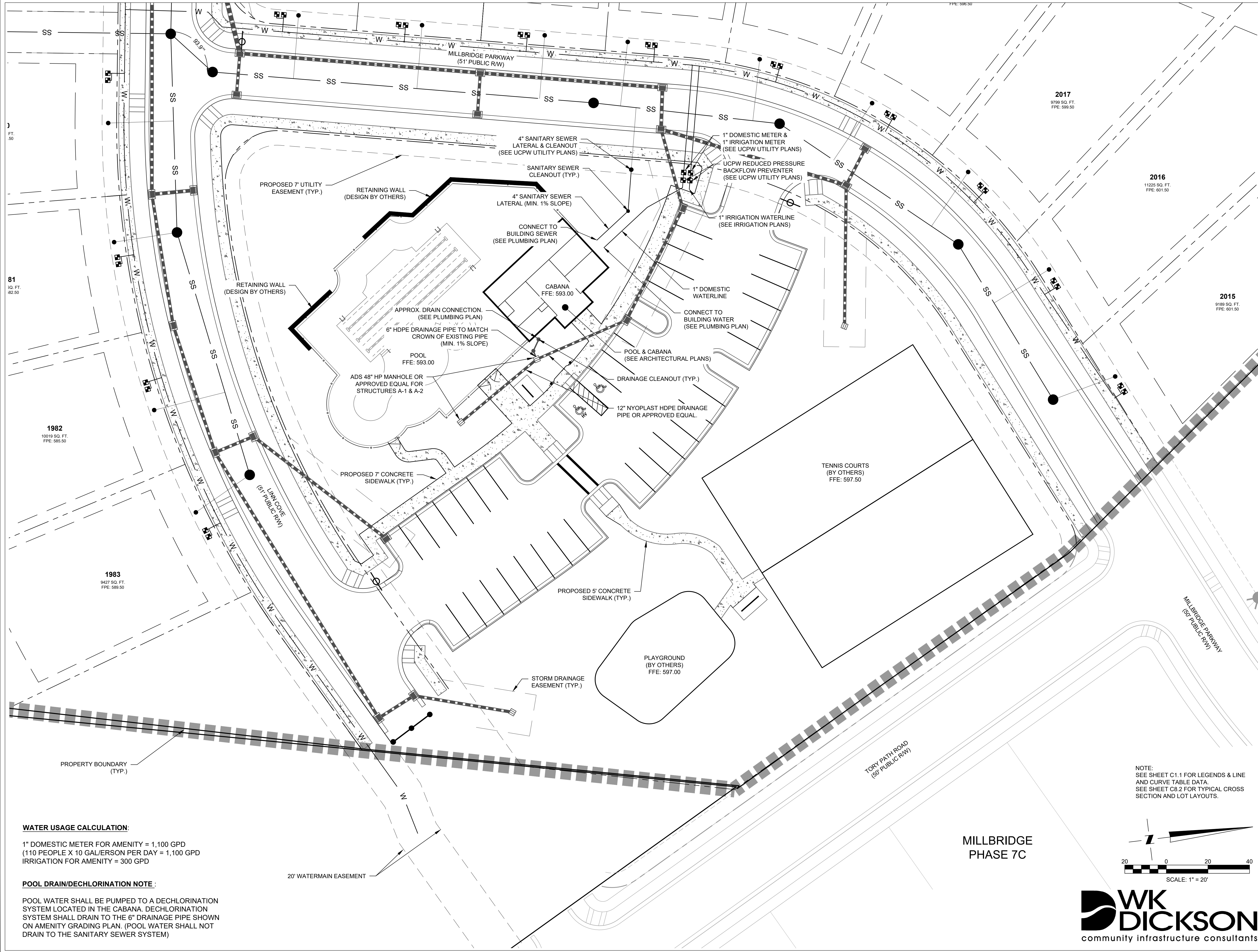
PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

DRAWING TITLE: DETAILS - SHEET 4

PROJ. MGR.: WGB
DESIGN BY: CJH
DRAWN BY: CJH
PROJ. DATE: MAY 2018
DRAWING NUMBER: C9.3
WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

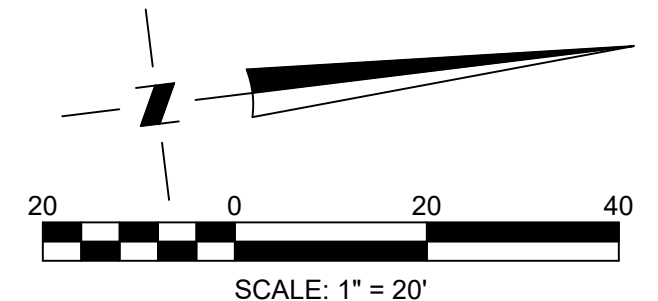
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WATER USAGE CALCULATION:
 1" DOMESTIC METER FOR AMENITY = 1,100 GPD
 (110 PEOPLE X 10 GAL/PERSON PER DAY = 1,100 GPD)
 IRRIGATION FOR AMENITY = 300 GPD

POOL DRAIN/DECHLORINATION NOTE:
 POOL WATER SHALL BE PUMPED TO A DECHLORINATION SYSTEM LOCATED IN THE CABANA. DECHLORINATION SYSTEM SHALL DRAIN TO THE 6" DRAINAGE PIPE SHOWN ON AMENITY GRADING PLAN. (POOL WATER SHALL NOT DRAIN TO THE SANITARY SEWER SYSTEM)

NOTE:
 SEE SHEET C1.1 FOR LEGENDS & LINE AND CURVE TABLE DATA.
 SEE SHEET C8.2 FOR TYPICAL CROSS SECTION AND LOT LAYOUTS.



WK DICKSON
 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-5078
 (704) 334-5348
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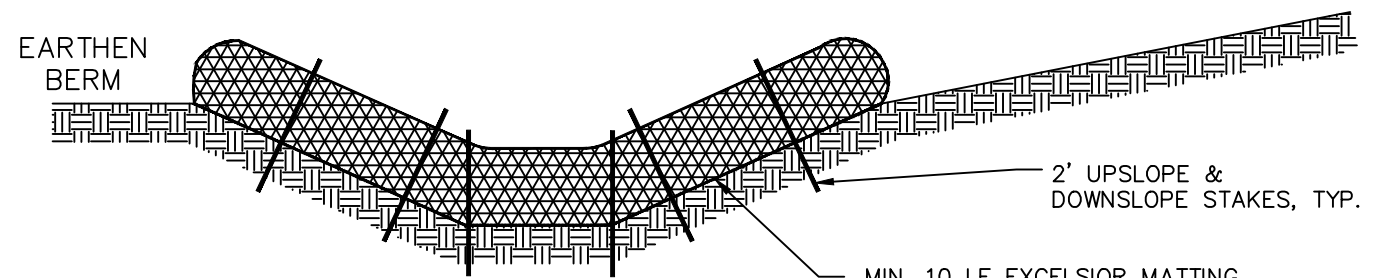
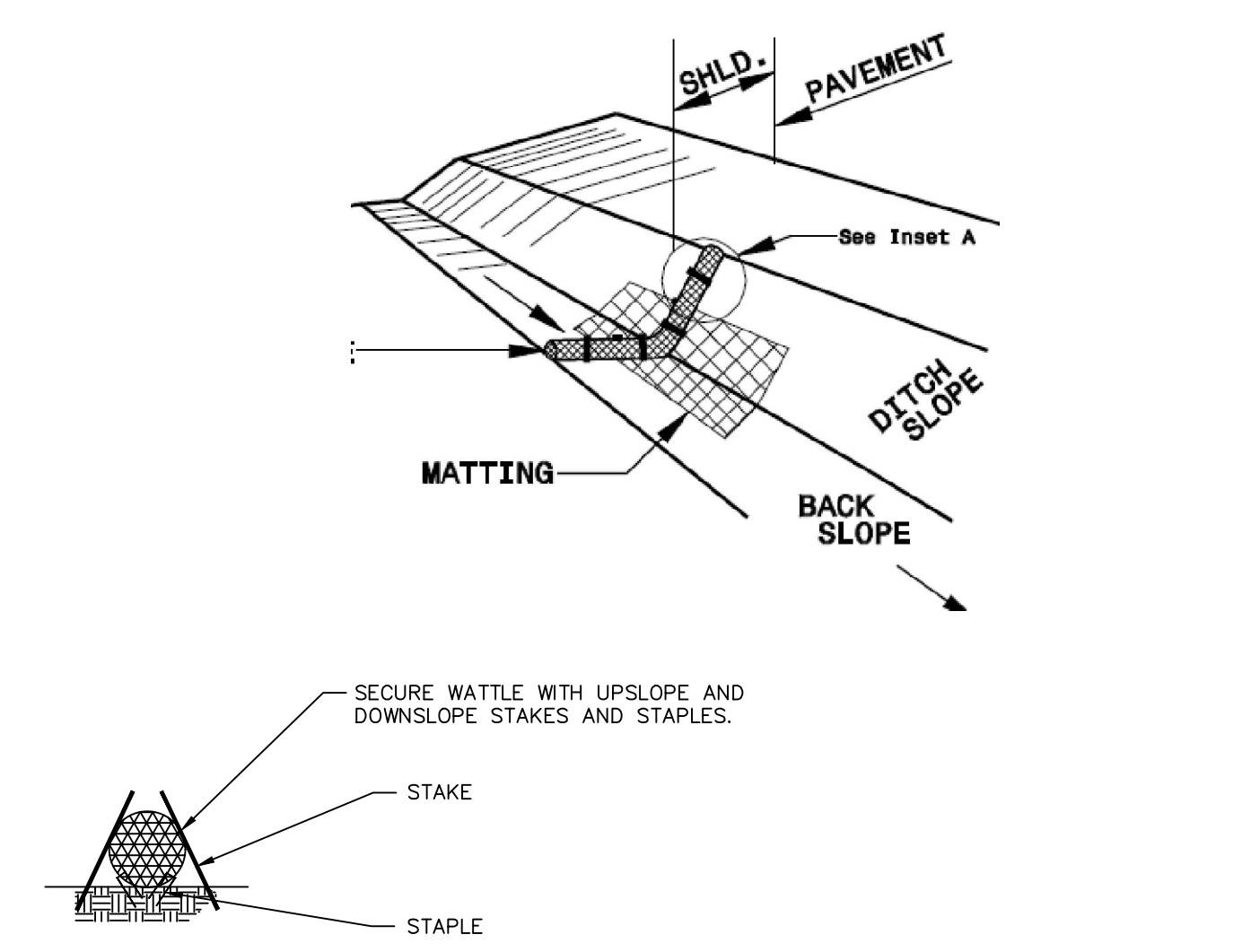
NO.	DATE	DESCRIPTION
3	4/21/2020	REVISIONS PER TOWN OF WAXHAW COMMENTS ON MINOR REVISIONS
2	3/24/2020	AMENITY CENTER MINOR REVISIONS TO APPROVED PLANS
C	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDFAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: AMENITY UTILITY PLAN

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER:
APP-C
 WKD PROJ. NO.:
 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 4/28/2020

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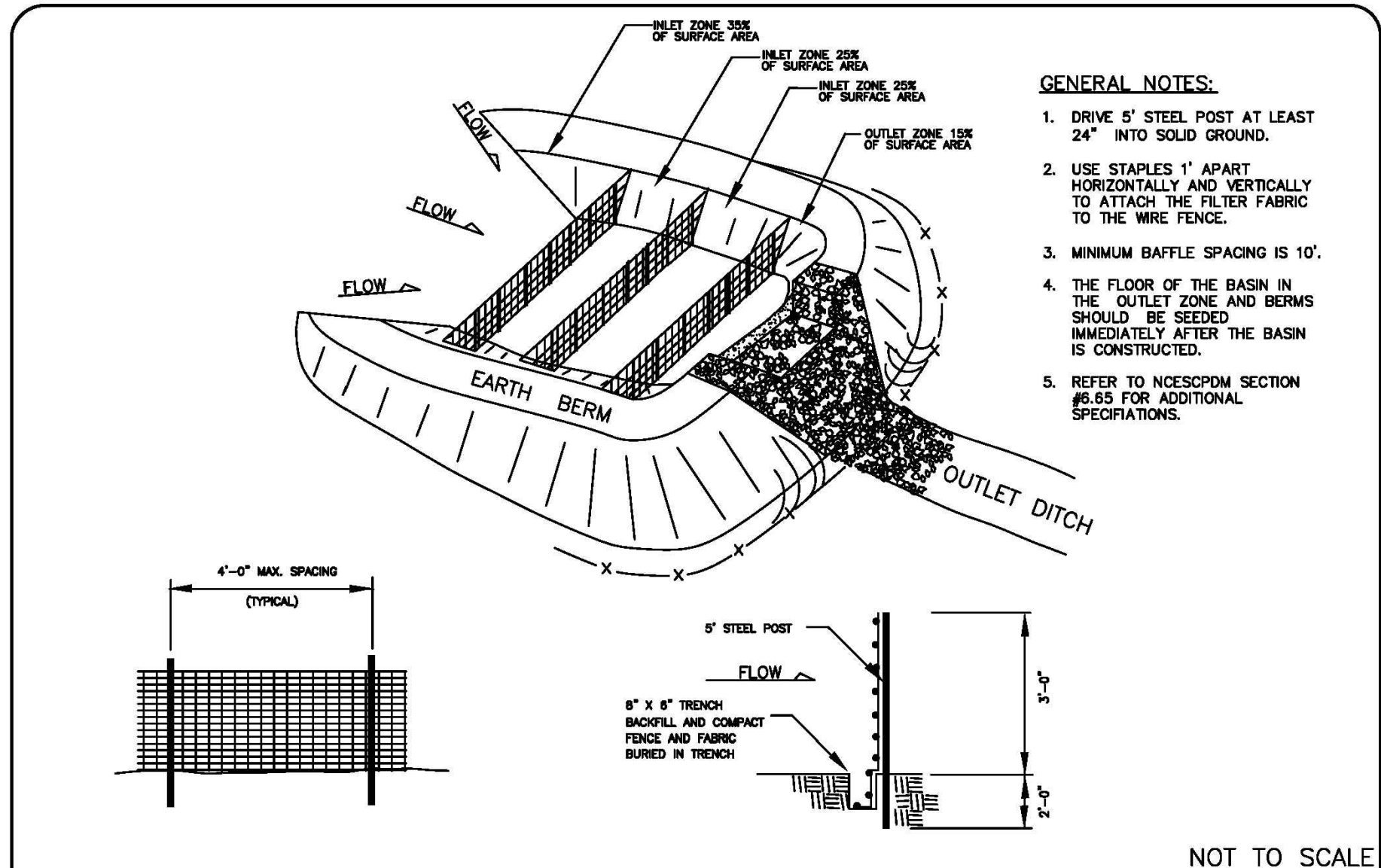


SECURE WATTLE WITH UPSLOPE AND DOWNSLOPE STAKES AND STAPLES.
 2' UPSLOPE & DOWNSLOPE STAKES, TYP.
 MIN. 10 LF EXCELSIOR MATTING 2' MIN. ON UPSLOPE AND 8' MIN. ON DOWNSLOPE

NOTES:
 1. USE MINIMUM 12" DIA. COMPOST WATTLE. 20" WATTLES ARE ALSO SPECIFIED.
 2. USE 2"x2" WOODEN STAKES 2-FT IN LENGTH ON THE UPSLOPE AND DOWNSLOPE AT AN ANGLE TO WEDGE THE WATTLE TO THE BOTTOM OF THE SWALE.
 3. STAPLE ON BOTH SIDES OF THE WATTLE TO SECURE IT TO THE BOTTOM OF THE SWALE.

MAINTENANCE NOTES:
 1. INSPECT WATTLES AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. REPAIR ALL DAMAGE IMMEDIATELY.

COMPOST WATTLES N.T.S.



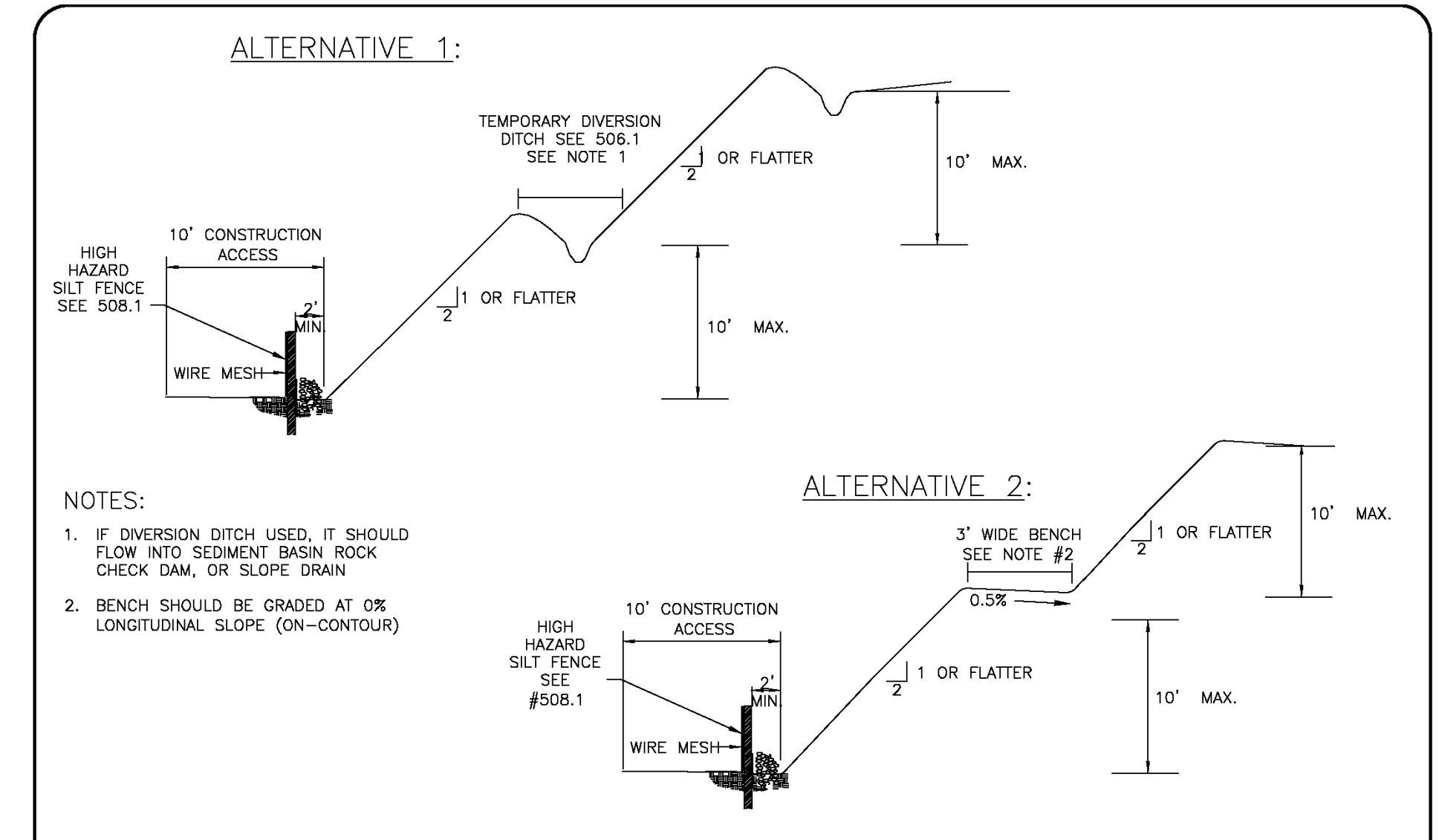
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Baffle Installation STD. NO. 524.1

	DEPTH	BOTTOM WIDTH	TOP WIDTH	SIDE SLOPES	CHANNEL LINING	WATTLE SPACING
TDD #1.1	2.00	4.00	12.00	2	RollMax Temporary Bionet	51
TDD #1.2	2.00	2.00	10.00	2	RollMax Temporary Bionet	37
TDD #1.3	2.00	2.00	10.00	2	RollMax Temporary Bionet	38
TDD #2.1	2.00	4.00	12.00	2	Straw with Net	Not Required
TDD #2.2	2.00	2.00	10.00	2	Straw with Net	133
TDD #2.3	2.00	1.50	9.50	2	Straw with Net	61
TDD #3.1	2.00	1.50	9.50	2	Straw with Net	19
TDD #3.2	2.00	0.00	8.00	2	Straw with Net	46

CONTRACTOR SHALL USE MATTING OUTLINED ABOVE OR TOWN OF WAXHAW APPROVED EQUAL SYNTHETIC MATTING MANNINGS N-VALUE = 0.025
 STRAW WITH NET (JUTE) MANNINGS N-VALUE = 0.022

NOTE:
 1. DITCH SHOULD HAVE LONGITUDINAL SLOPE OF 1%.
 2. SILT FENCE MAY BE REQUIRED BEHIND BERM

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Temporary Silt Ditch STD. NO. 506.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Slope Stability STD. NO. 520.1

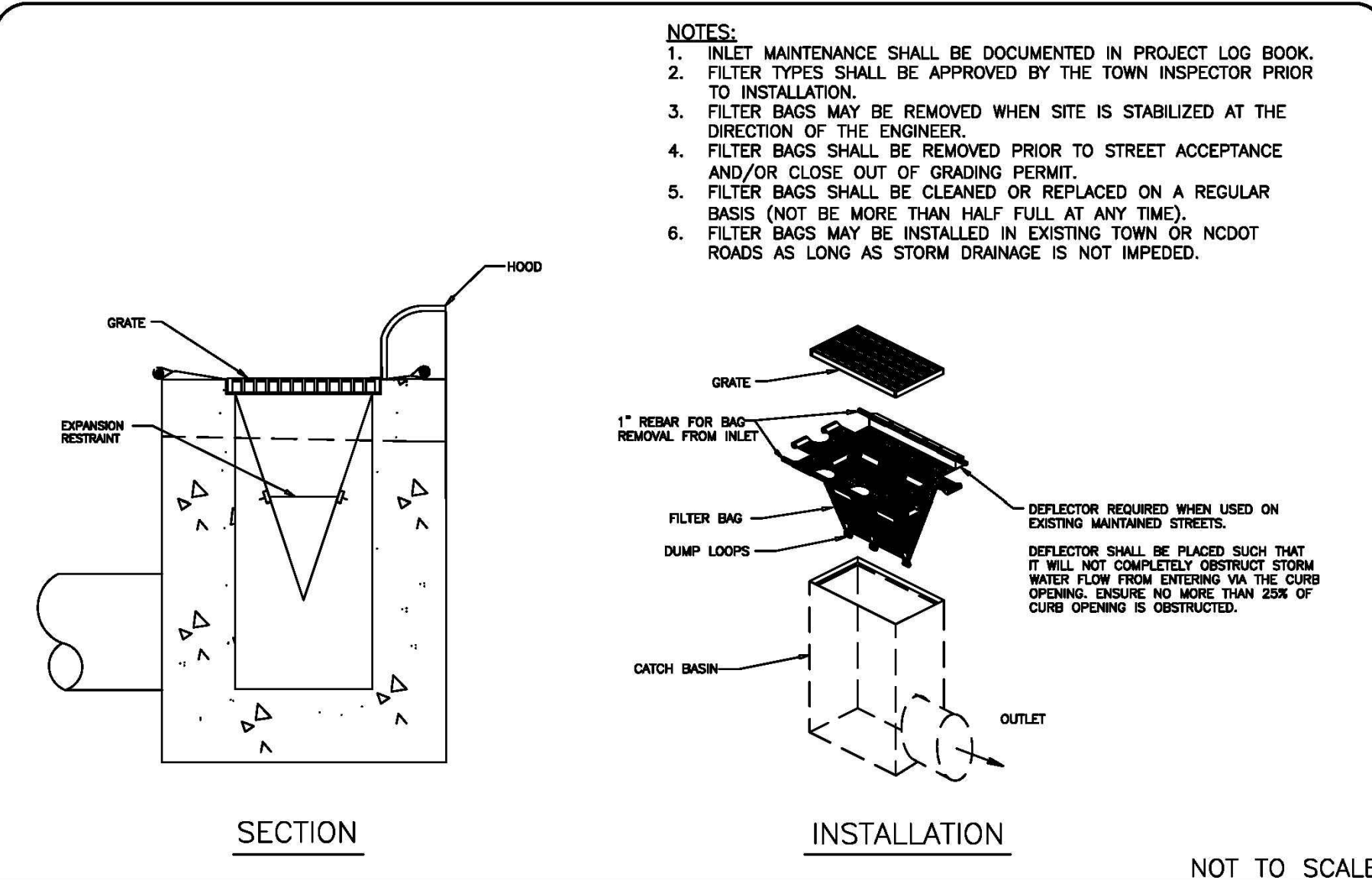
FOR LATE WINTER AND EARLY SPRING:
SEEDING MIXTURE:
 RYE (GRAIN) - 120 LB/ACRE
 ANNUAL LESPEDEZA (KOBE) - 50 LB/ACRE
 (OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE)
SEEDING DATES:
 JAN. 1 - MAY 1

FOR SUMMER:
SEEDING MIXTURE:
 GERMAN MILLET - 40 LB/ACRE
 (A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE)
SEEDING DATES:
 MAY 1 - AUG. 15

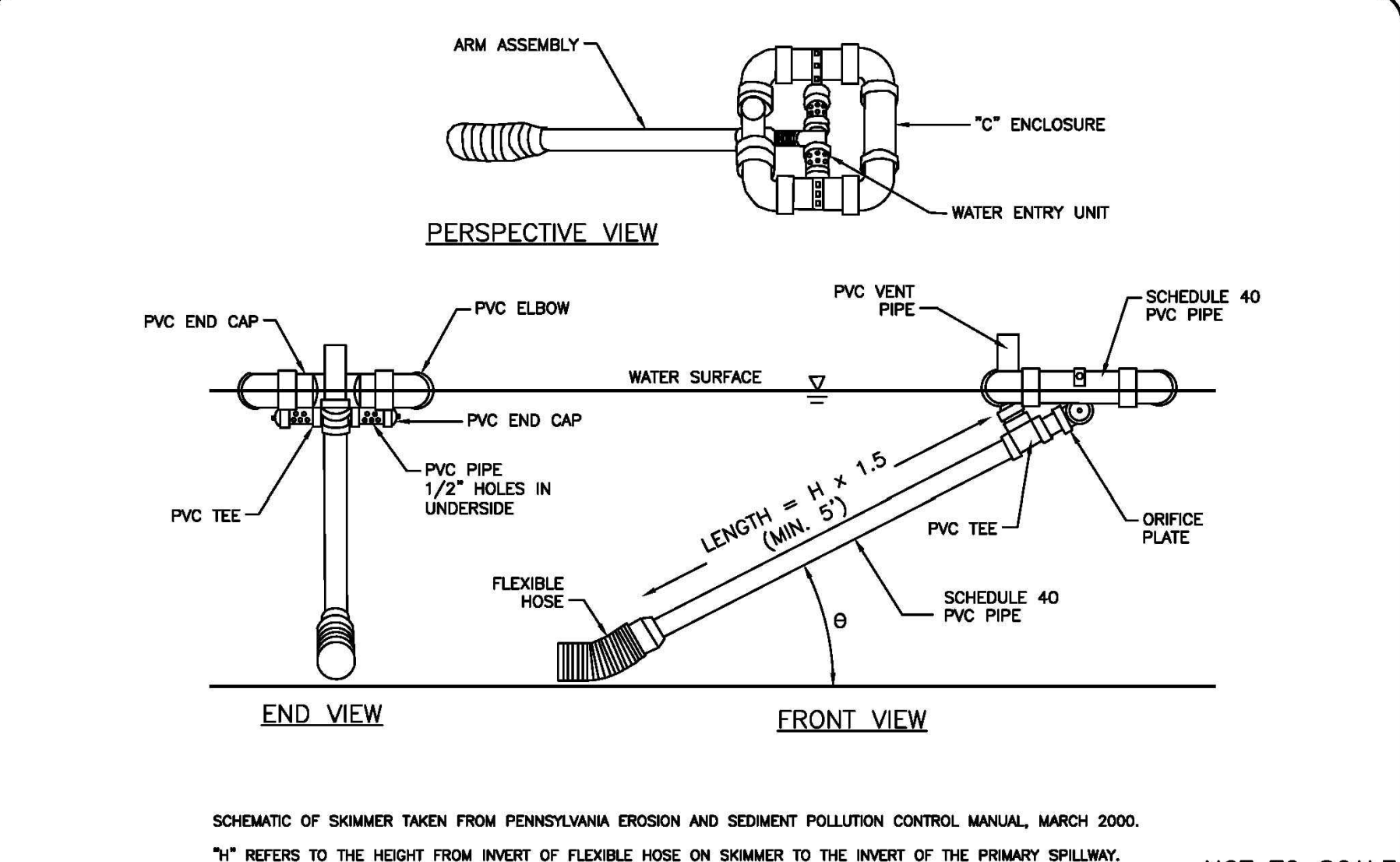
FOR FALL:
SEEDING MIXTURE:
 RYE (GRAIN) - 120 LB/ACRE
SEEDING DATES:
 AUG. 15 - DEC. 30

FOR ADDITIONAL INFORMATION, REFER TO NCDOT EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (ESCPDM), SECTION 6.10. FOR PERMANENT SEEDING SPECIFICATIONS, INCLUDING SEED BED PREP, SEASONAL LIMITATIONS FOR SEEDING OPERATIONS, THE KINDS OF GRADES OF FERTILIZERS, THE KINDS OF SEED, AND THE RATES OF APPLICATION OF LIMESTONE, FERTILIZER, AND SEED, REFER TO NCDOT EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (ESCPDM), SECTION 6.11.

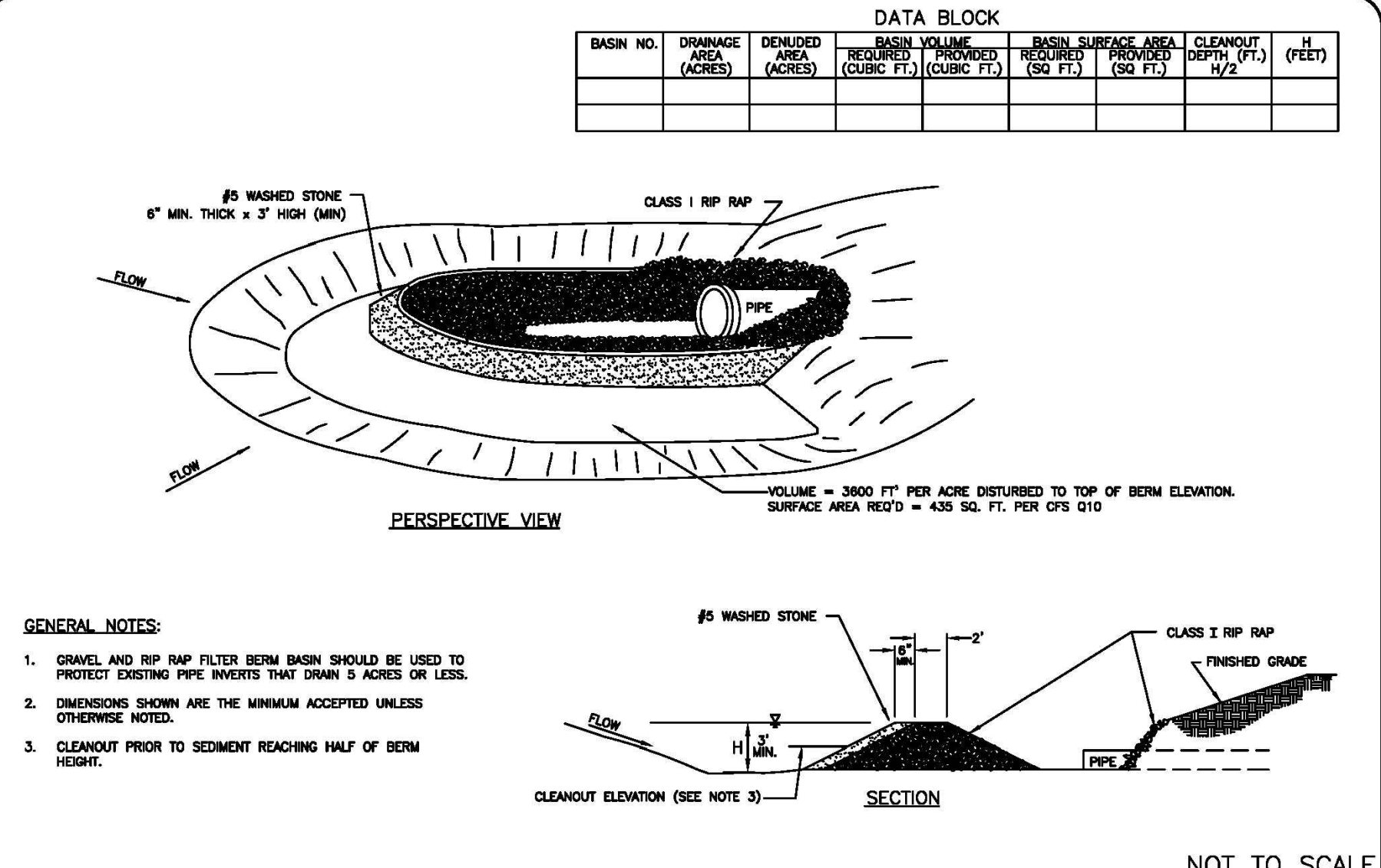
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Temporary Seeding Schedule STD. NO. 521.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Catch Basin Inlet Protection STD. NO. 519.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Skimmer STD. NO. 503.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS Gravel and Rip Rap Filter Berm Basin STD. NO. 516.1

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 community infrastructure consultants
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 CHARLOTTE, NC 28205
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 ENGINEER
 1/26/18

NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	DESCRIPTION
B	11/19/2018		
A	07/18/2018		

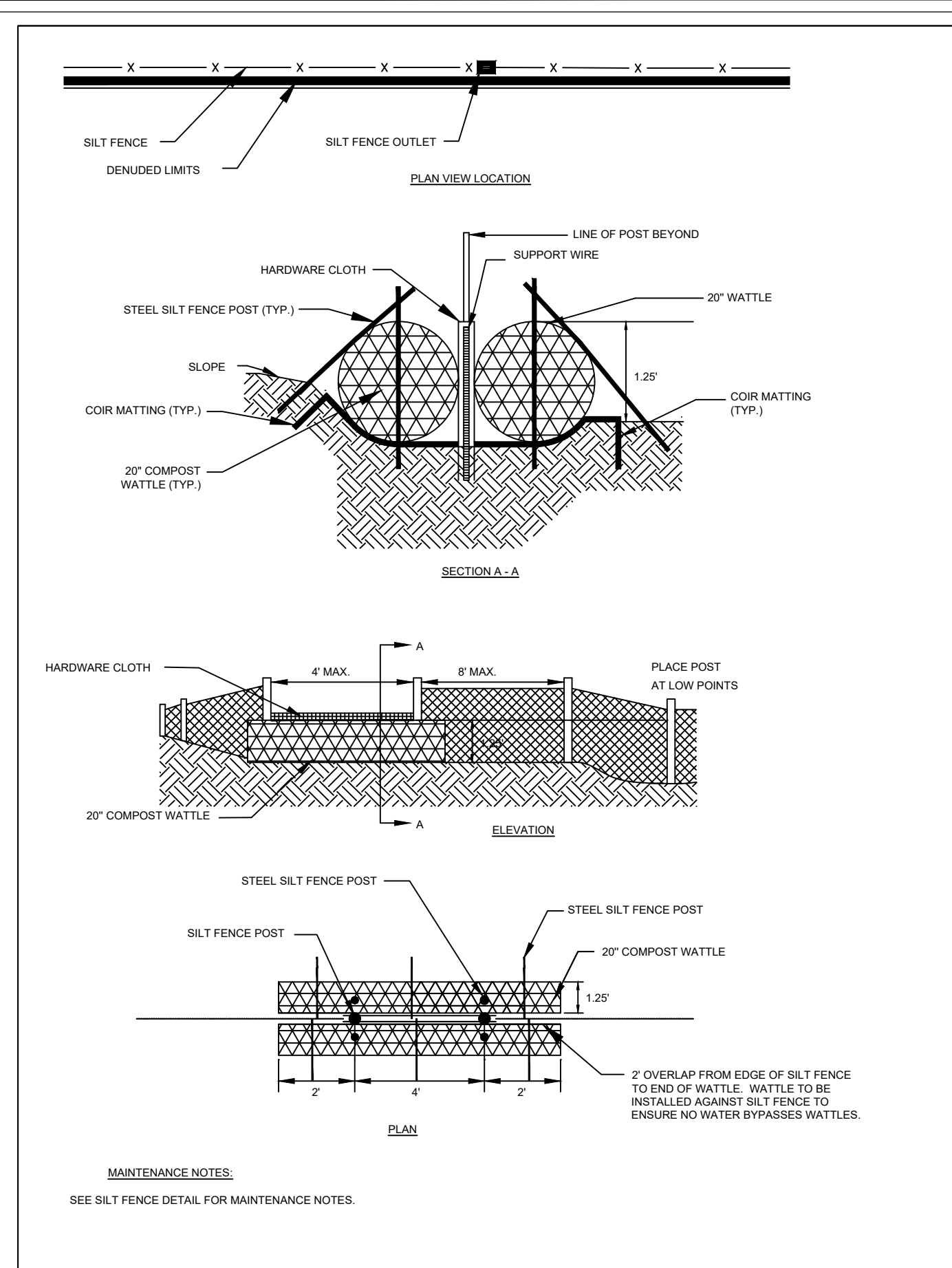
PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: DETAILS - SHEET 5

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C9.4
 WKD PROJ. NO.: 20170280.00.CL

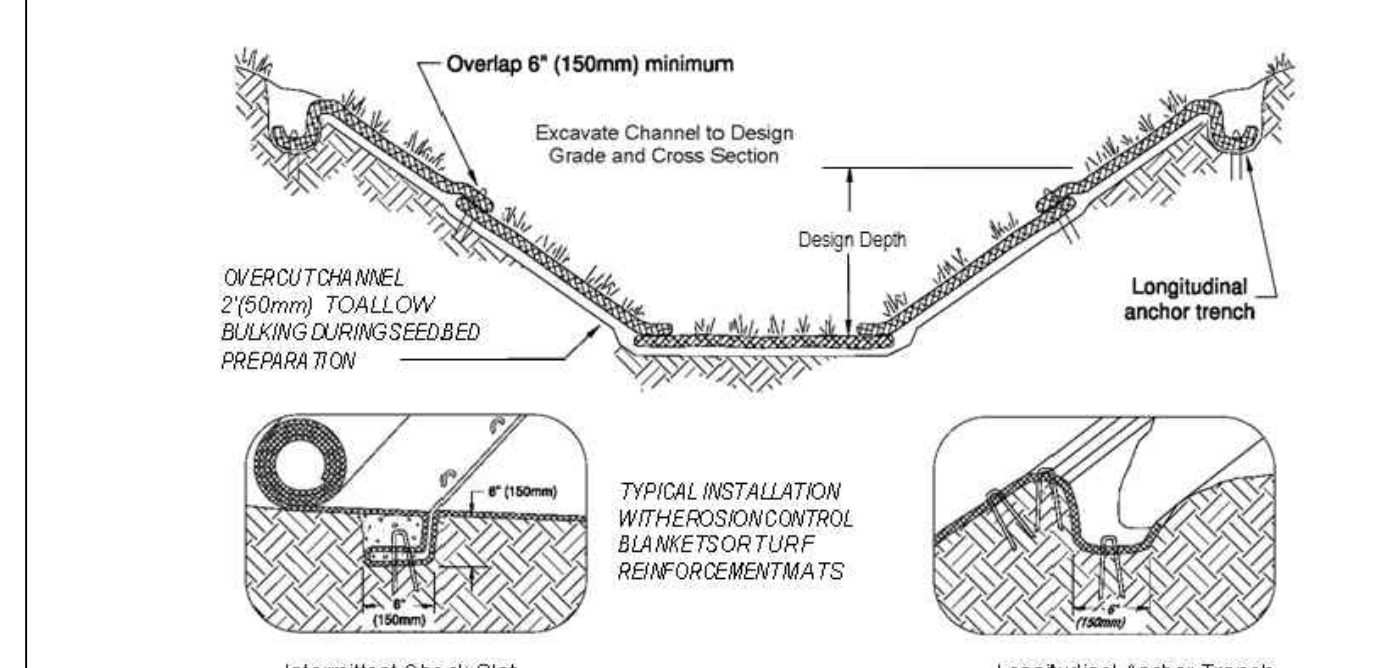
PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018



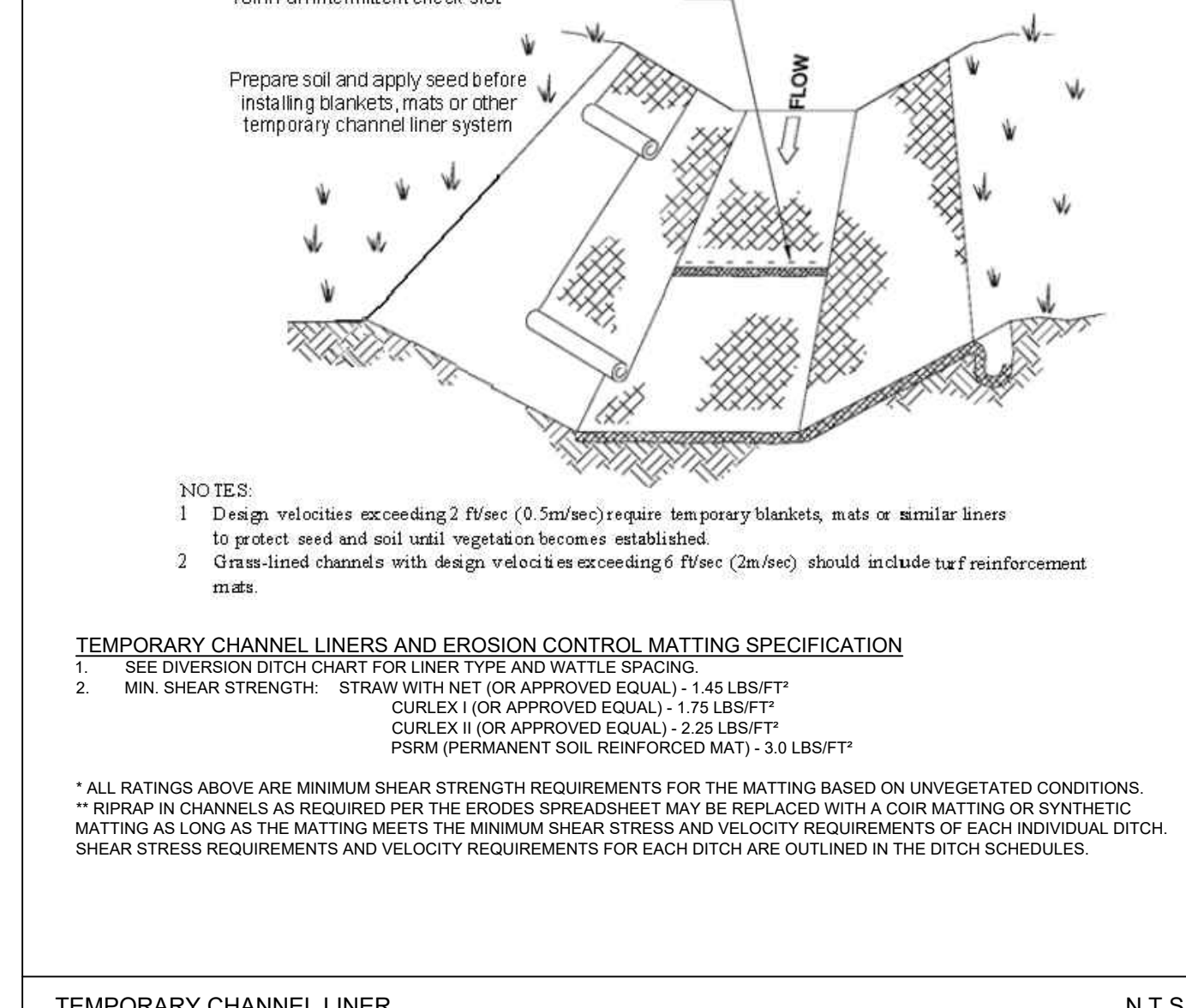
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SILT FENCE OUTLET N.T.S.



TEMPORARY CHANNEL LINER N.T.S.

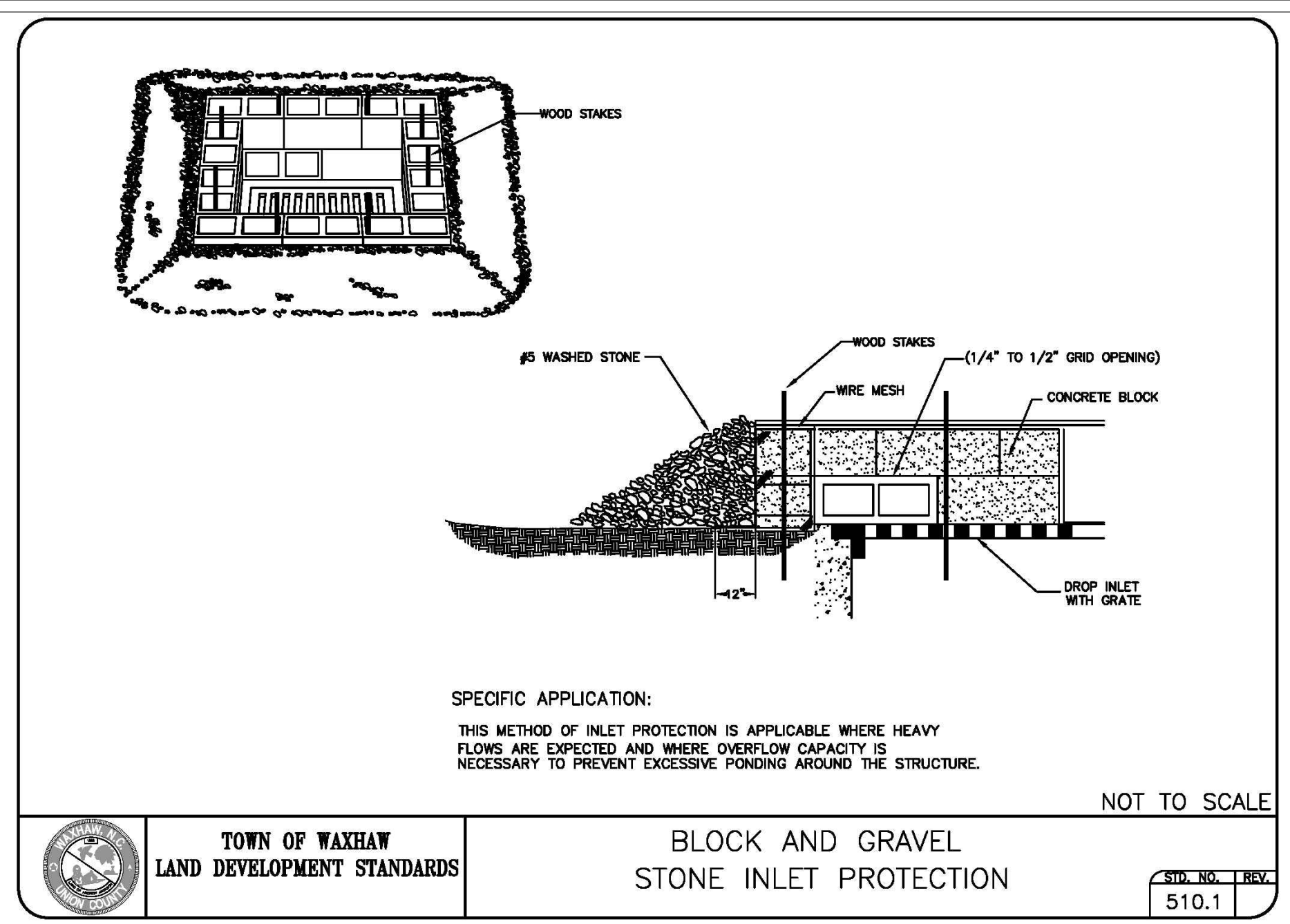


TEMPORARY CHANNEL LINER N.T.S.

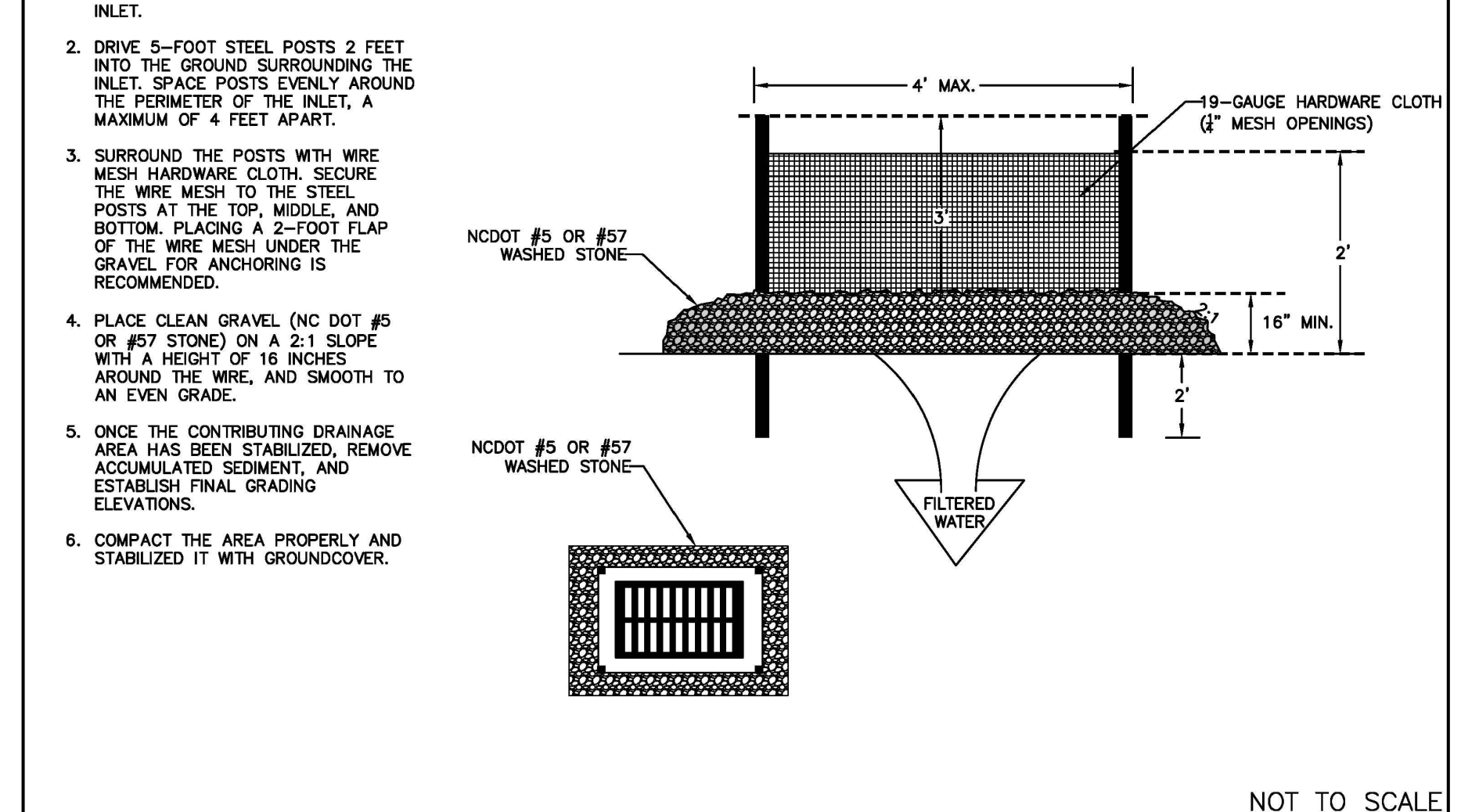
RIP RAP SUMMARY CHART

OUTLET	LA (ft)	WT (ft)	W2 (ft)	T (ft)	H (ft)	d ₅₀ (ft)
FES-BMP#1	20	9	23	0.56	2.00	0.25
FES-BMP#2	22	9	25	0.56	2.30	0.25
FES-100	15	9	9	0.56	2.00	0.25
FES-134	8	4	4	0.56	0.83	0.25
FES-200	15	9	9	0.56	2.30	0.25

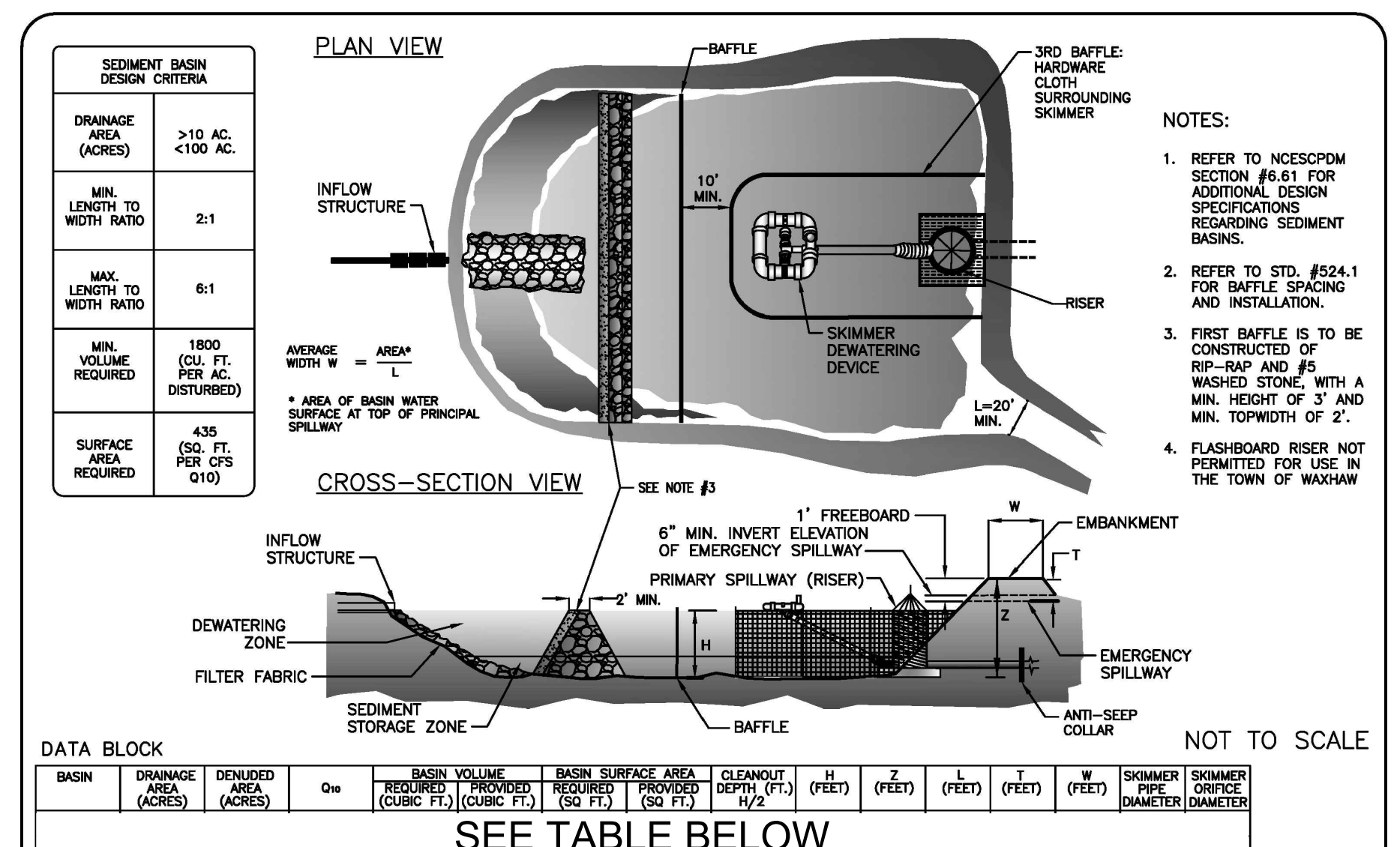
BASIN	DRAINAGE AREA (ACRES)	DENUDED AREA (ACRES)	Q10	BASIN VOLUME		BASIN SURFACE AREA		CLEANOUT DEPTH (FT.) H/2	H (FEET)	Z (FEET)	L (FEET)	T (FEET)	W (FEET)	SKIMMER PIPE DIAMETER	SKIMMER ORIFICE DIAMETER
				REQUIRED (CUBIC FT.)	PROVIDED (CUBIC FT.)	REQUIRED (SQ. FT.)	PROVIDED (SQ. FT.)								
SEDIMENT BASIN #1 PH1	12.91	12.91	54	23238	43171	23490	23624	1.75	3.5	5	18	1.5	10	3	2.5
SEDIMENT BASIN #1 PH2	12.37	12.37	52	22266	43171	22620	23624	1.75	3.5	5	18	1.5	10	3	2.5
SEDIMENT BASIN #2 PH1	10.76	10.76	45	19368	47449	19575	25801	1.75	3.5	5	17	1.5	10	3	2.5
SEDIMENT BASIN #2 PH2	12.02	12.02	51	21636	47449	22185	25801	1.75	3.5	5	17	1.5	10	3	2.5



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS BLOCK AND GRAVEL STONE INLET PROTECTION STD. NO. 510.1



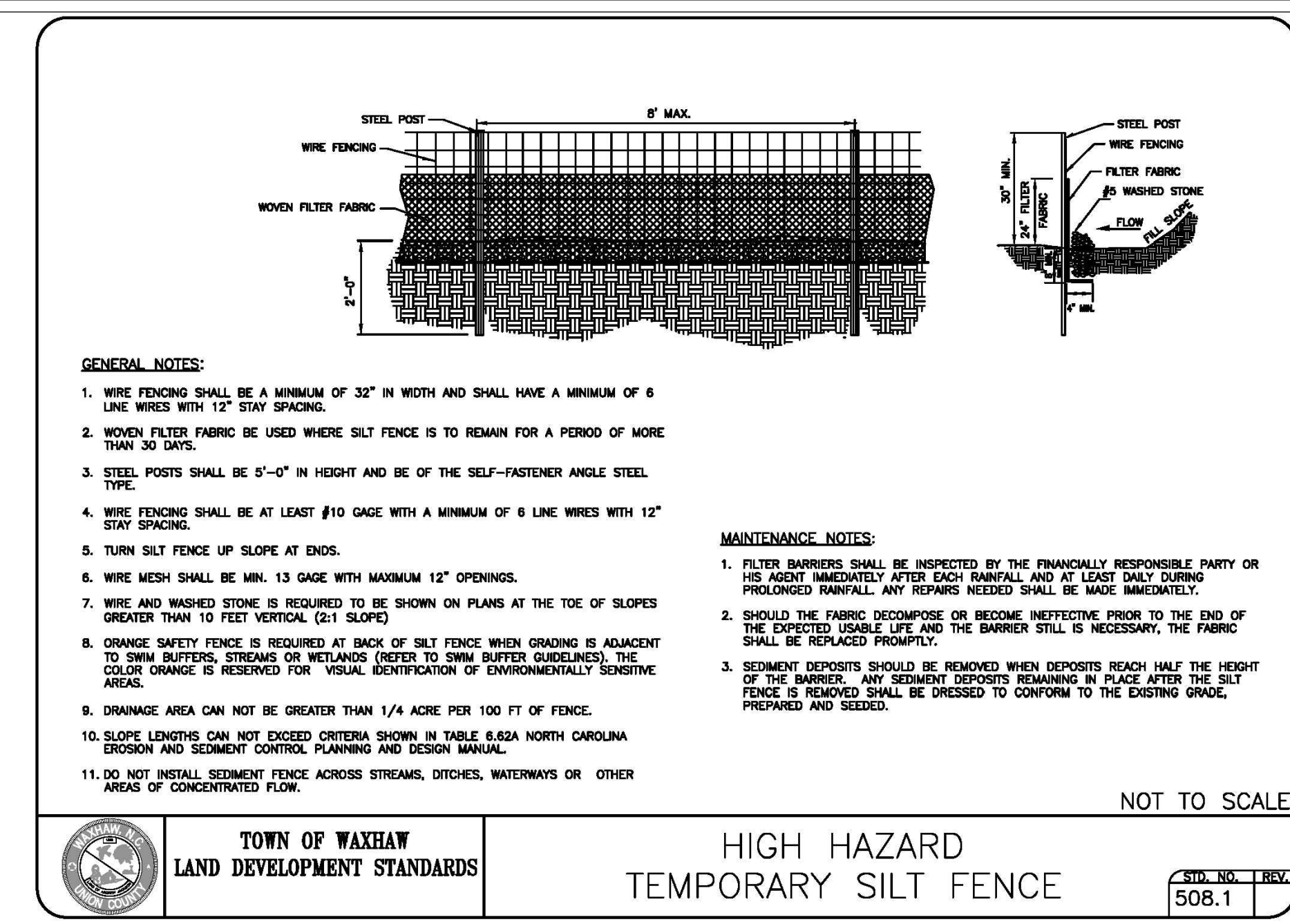
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS HARDWARE CLOTH AND GRAVEL INLET PROTECTION STD. NO. 512.1



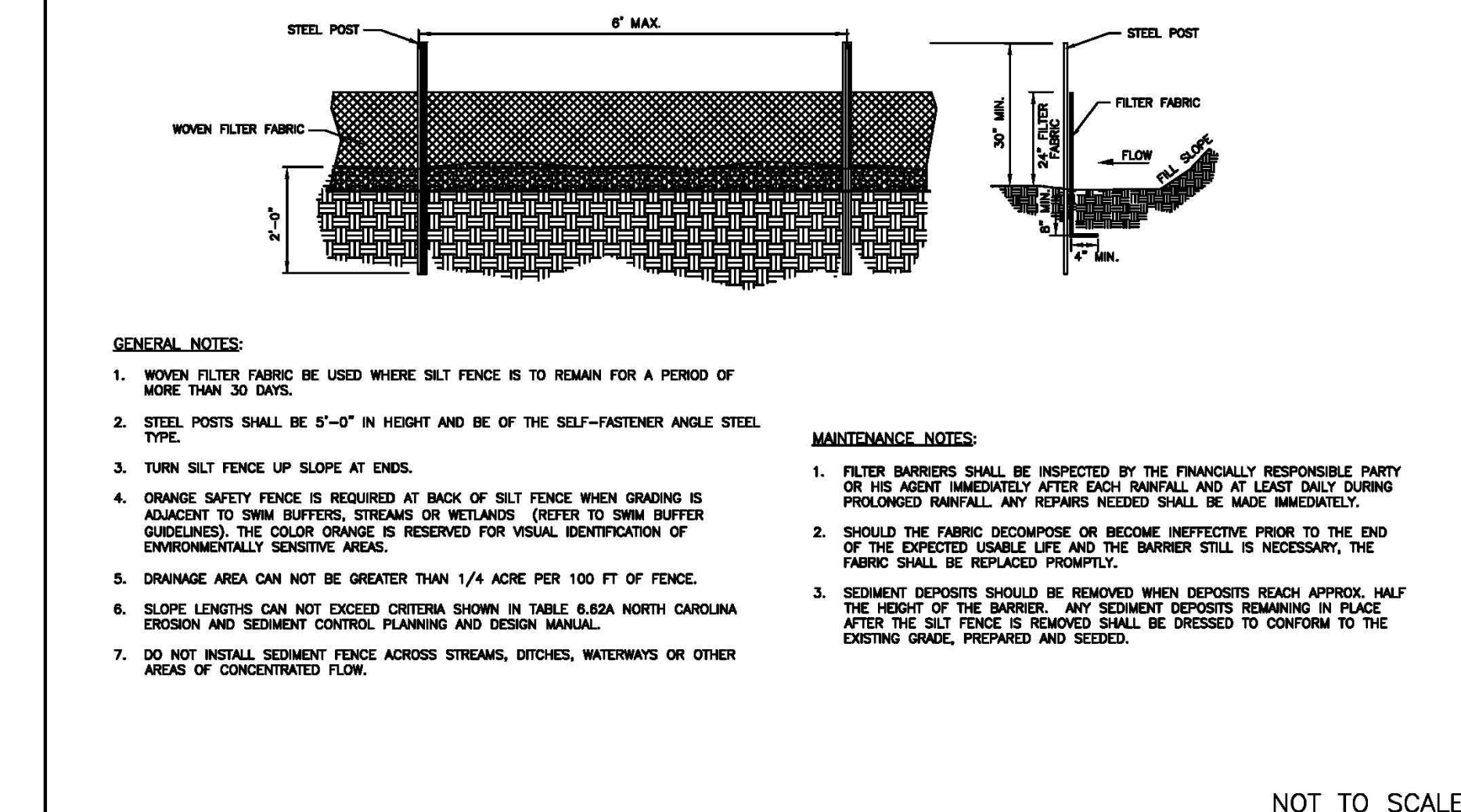
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS SEDIMENT BASIN STD. NO. 504.1

DATA BLOCK

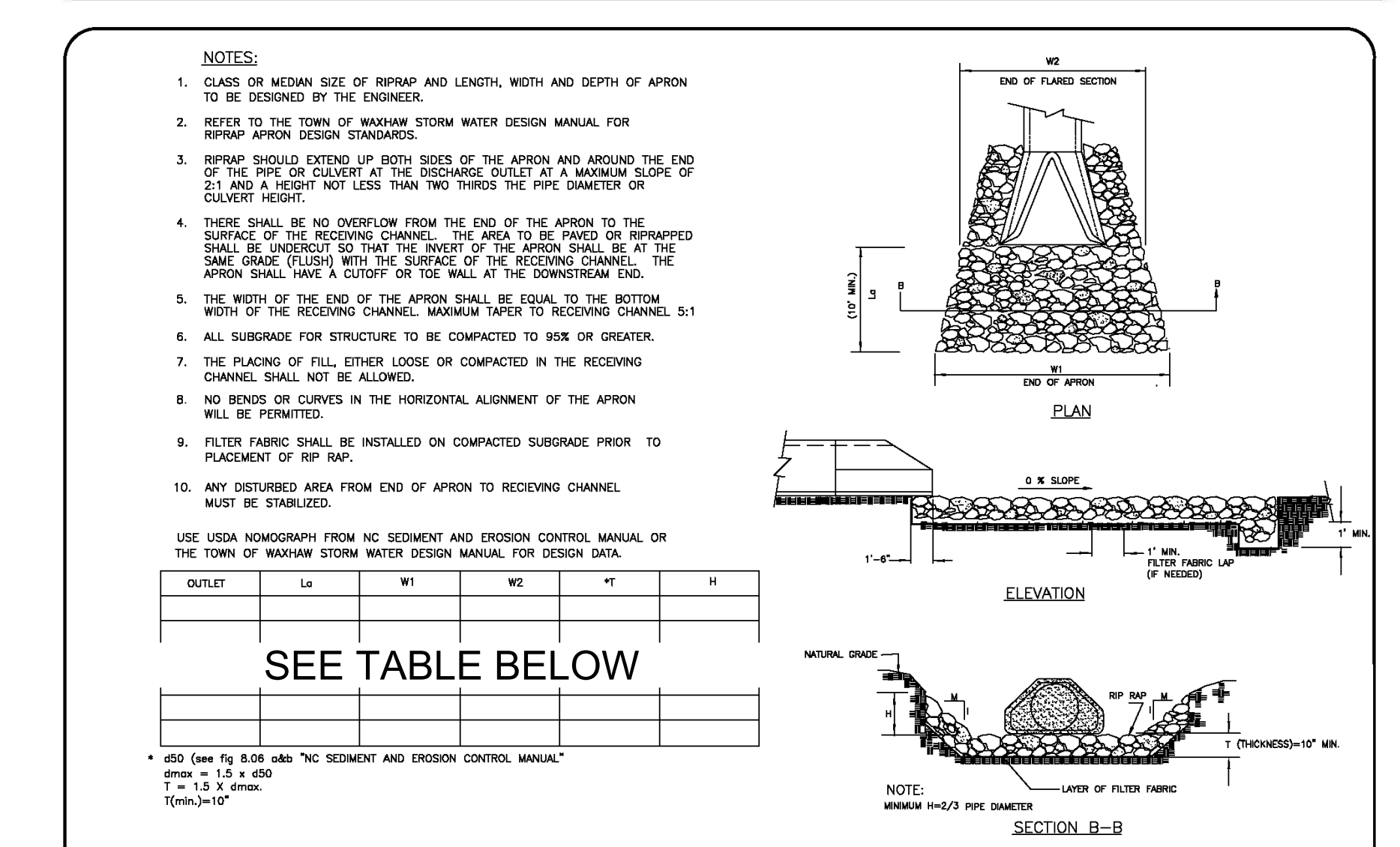
BASIN	DRAINAGE AREA (ACRES)	DENUDED AREA (ACRES)	Q10	BASIN VOLUME REQUIRED (CUBIC FT.)	BASIN VOLUME PROVIDED (CUBIC FT.)	BASIN SURFACE AREA REQUIRED (SQ. FT.)	BASIN SURFACE AREA PROVIDED (SQ. FT.)	CLEANOUT DEPTH (FT.) H/2	H (FEET)	Z (FEET)	L (FEET)	T (FEET)	W (FEET)	SKIMMER PIPE DIAMETER	SKIMMER ORIFICE DIAMETER
SEDIMENT BASIN #1 PH1	12.91	12.91	54	23238	43171	23490	23624	1.75	3.5	5	18	1.5	10	3	2.5
SEDIMENT BASIN #1 PH2	12.37	12.37	52	22266	43171	22620	23624	1.75	3.5	5	18	1.5	10	3	2.5
SEDIMENT BASIN #2 PH1	10.76	10.76	45	19368	47449	19575	25801	1.75	3.5	5	17	1.5	10	3	2.5
SEDIMENT BASIN #2 PH2	12.02	12.02	51	21636	47449	22185	25801	1.75	3.5	5	17	1.5	10	3	2.5



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS HIGH HAZARD TEMPORARY SILT FENCE STD. NO. 508.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS TEMPORARY SILT FENCE STD. NO. 507.1



TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS RIPRAP APRON AT PIPE OUTFALLS OTHER THAN AT SWIM STD. NO. 306.1

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REVISION RECORD

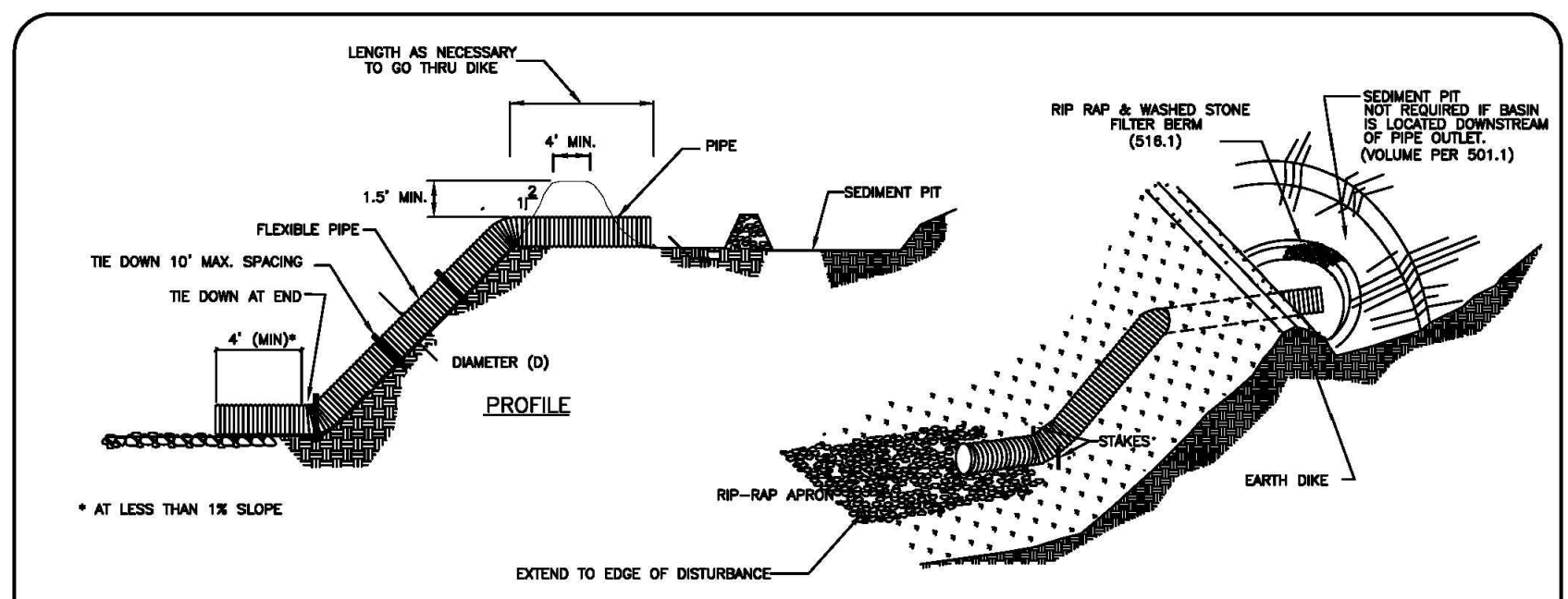
NO.	DATE	DESCRIPTION
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: DETAILS - SHEET 6

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C9.5
 WKD PROJ. NO.: 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/26/2018

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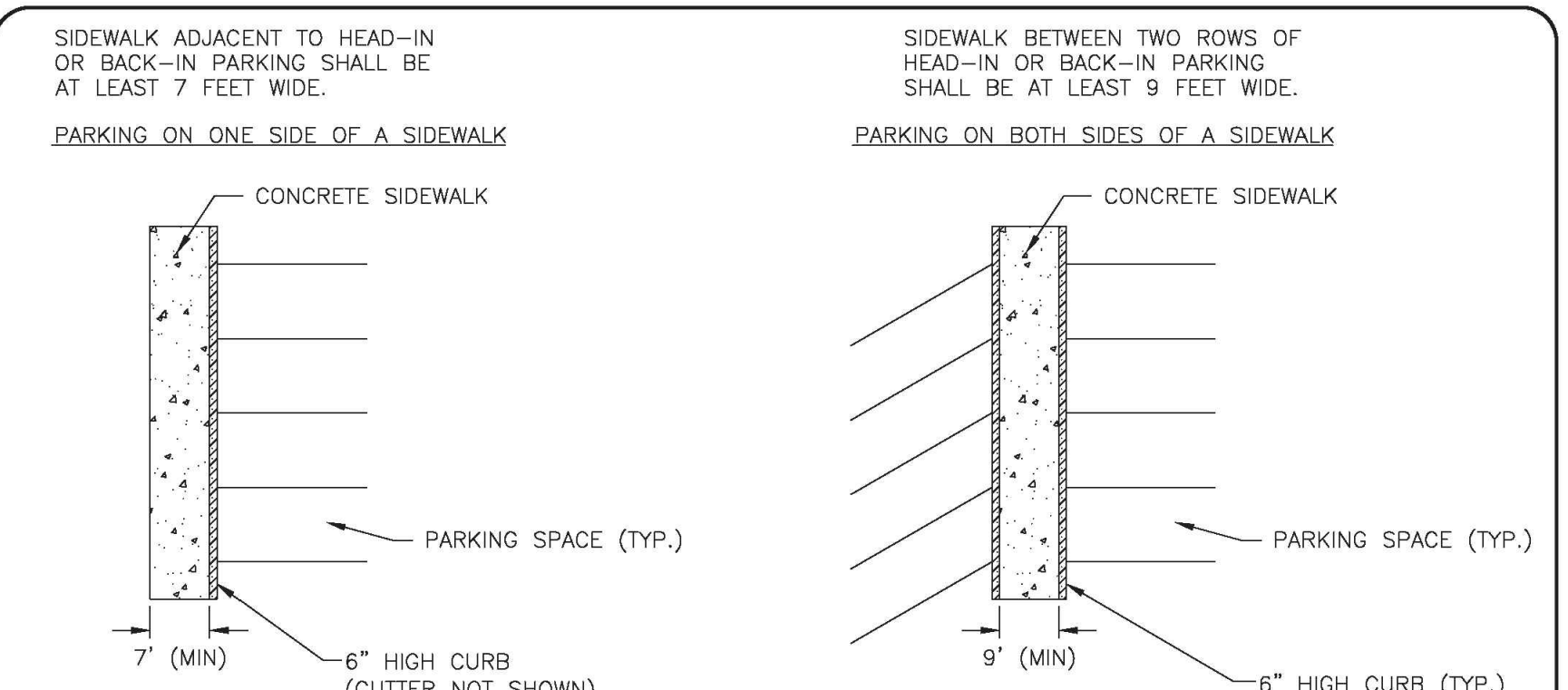


CONSTRUCTION SPECIFICATIONS:

1. THE TOP OF THE EARTH DIKE OVER THE INLET PIPE AND THOSE DIKES CARRYING WATER TO THE PIPE SHALL BE AT LEAST 1.5 FEET HIGHER AT ALL POINTS THAN THE TOP OF THE INLET PIPE.
2. THE PIPE SHALL BE FLEXIBLE WITH WATER TIGHT CONNECTING BANDS. FLEXIBLE PIPE SHOULD BE STAKED ON EITHER SIDE.
3. A RIP RAP APRON SHALL BE PROVIDED AT THE OUTLET, IF EMPLOYING INTO A DISTURBED AREA.
4. THE SOIL AROUND AND UNDER THE INLET PIPE AND ENTRANCE SECTION SHALL BE HAND TAMPED IN 4" LIFTS TO THE TOP OF THE EARTH DIKE.
5. FOLLOW-UP INSPECTION AND ANY NEEDED MAINTENANCE SHALL BE PERFORMED AFTER EACH STORM BY THE FINANCIALLY RESPONSIBLE PARTY OR HIS AGENT.
6. OUTLET PIPE SHOULD BE TAKEN OVER OR THROUGH ANY SILT FENCE, TAKING CARE NOT TO VOID THE EFFECTIVENESS OF THE SILT FENCE.

NOT TO SCALE

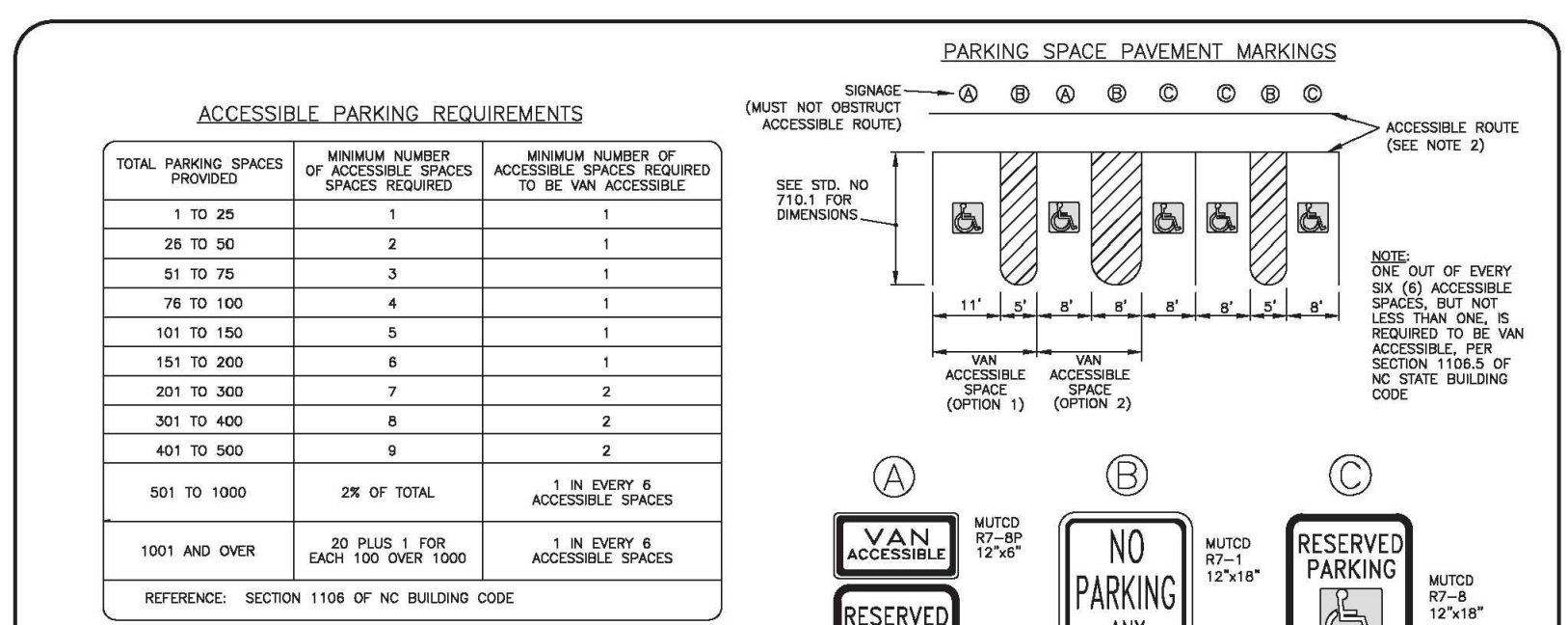
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	FLEXIBLE PIPE SLOPE DRAIN	STD. NO. REV. 505.1
---	----------------------------------	------------------------



- NOTES:**
1. A 2'-FOOT-WIDE PLANTING STRIP LOCATED AT THE BACK OF CURB CAN BE USED IN LIEU OF 2 FEET OF SIDEWALK WIDTH.
 2. PARKING AT ANY ANGLE OTHER THAN PARALLEL SHALL BE SUBJECT TO THIS STANDARD.
 3. IF MONOLITHIC CURB & SIDEWALK IS USED, ADD 6" TO ALL DIMENSIONS (1' IF PARKING ON BOTH SIDES).
 4. WHEELSTOPS SHALL ONLY BE USED IN LIEU OF 2 FEET OF SIDEWALK WITH THE APPROVAL OF THE TOWN AND WHEN EXISTING CONDITIONS PREVENT CONSTRUCTION OF A 7'-FOOT/6'-FOOT SIDEWALK. WHEELSTOPS SHALL BE 6" HIGH, MADE OUT OF 3600-PSI REINFORCED CONCRETE, AND ANCHORED WITH #5 OR GREATER REBAR (2' MINIMUM LENGTH). REBAR HOLES SHALL BE GROUTED UPON INSTALLATION. WHEELSTOPS SHALL BE PLACED AT 2 FEET FROM THE EDGE OF SIDEWALK OR OBSTRUCTION.

NOT TO SCALE

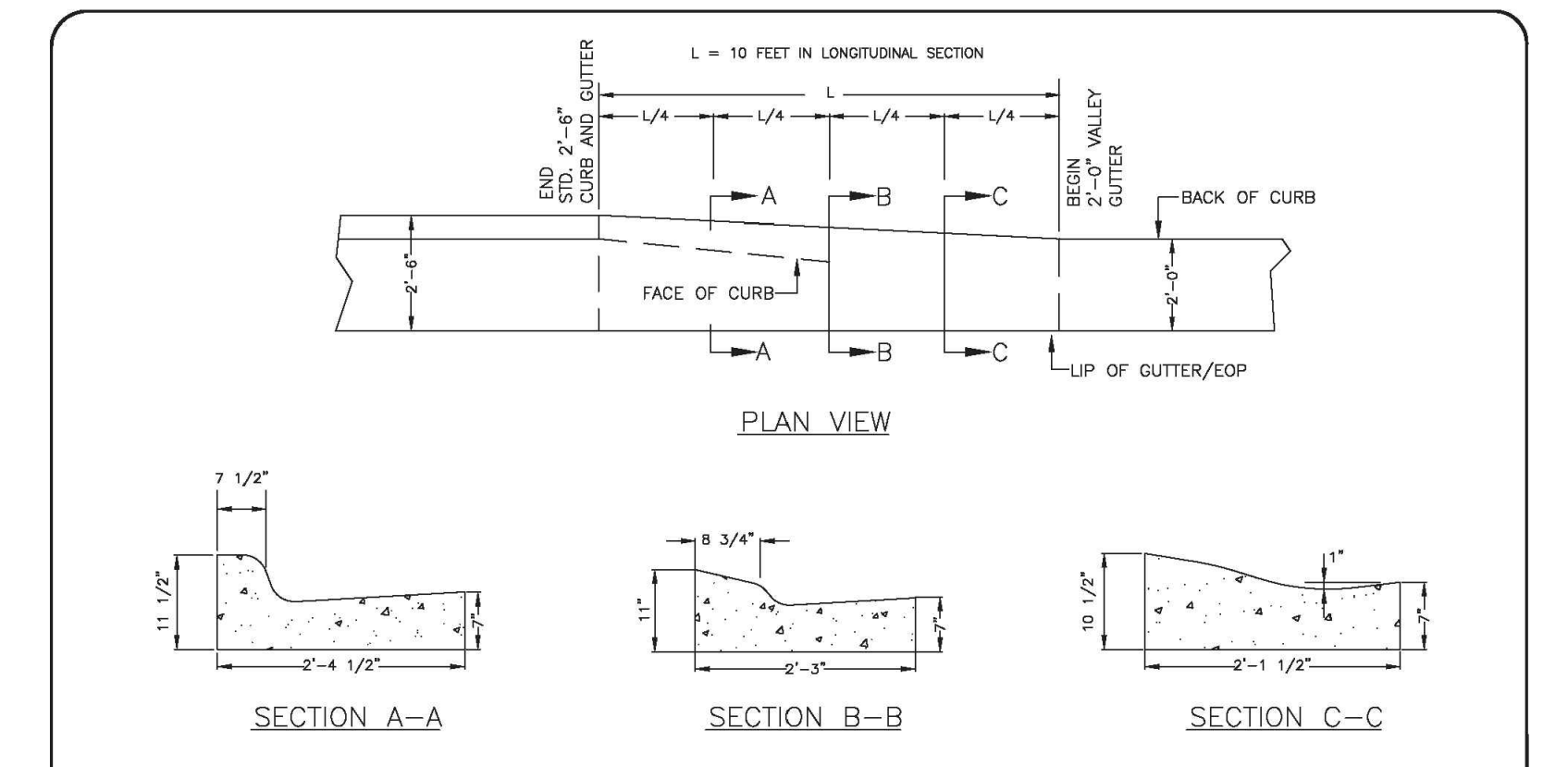
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	PARKING STANDARDS (CONTINUED)	STD. NO. REV. 711.1
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- NOTES:**
1. ALL 12"x18" ACCESSIBLE SIGNS (R7-B & R7-1) SHALL BE MOUNTED AT 7 FEET FROM GRADE TO BOTTOM EDGE OF SIGN FACE (MOUNTED MOUNTING HEIGHT CAN BE REDUCED TO 5 FEET IF PLACED IN AN AREA BETWEEN SIDEWALK AND BUILDING FACE IN WHICH PEDESTRIANS ARE NOT EXPECTED TO USE).
 2. IF ACCESSIBLE ROUTE IS A BASED SIDEWALK AREA, THEN RAMP IS REQUIRED AT LOADING ZONE AREA. MAINTAIN MIN. 4" WIDE CONTINUOUS PASSAGE.
 3. VERTICAL CLEARANCE FOR VANS MUST BE GREATER THAN 88-INCHES.
 4. THIS DETAIL IS TO PROVIDE GENERAL GUIDANCE FOR PARKING LAYOUT AND DESIGN. REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) U.S. DEPARTMENT OF TRANSPORTATION AND NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPPLEMENT AND NC BUILDING CODE FOR ADDITIONAL INFORMATION.

NOT TO SCALE

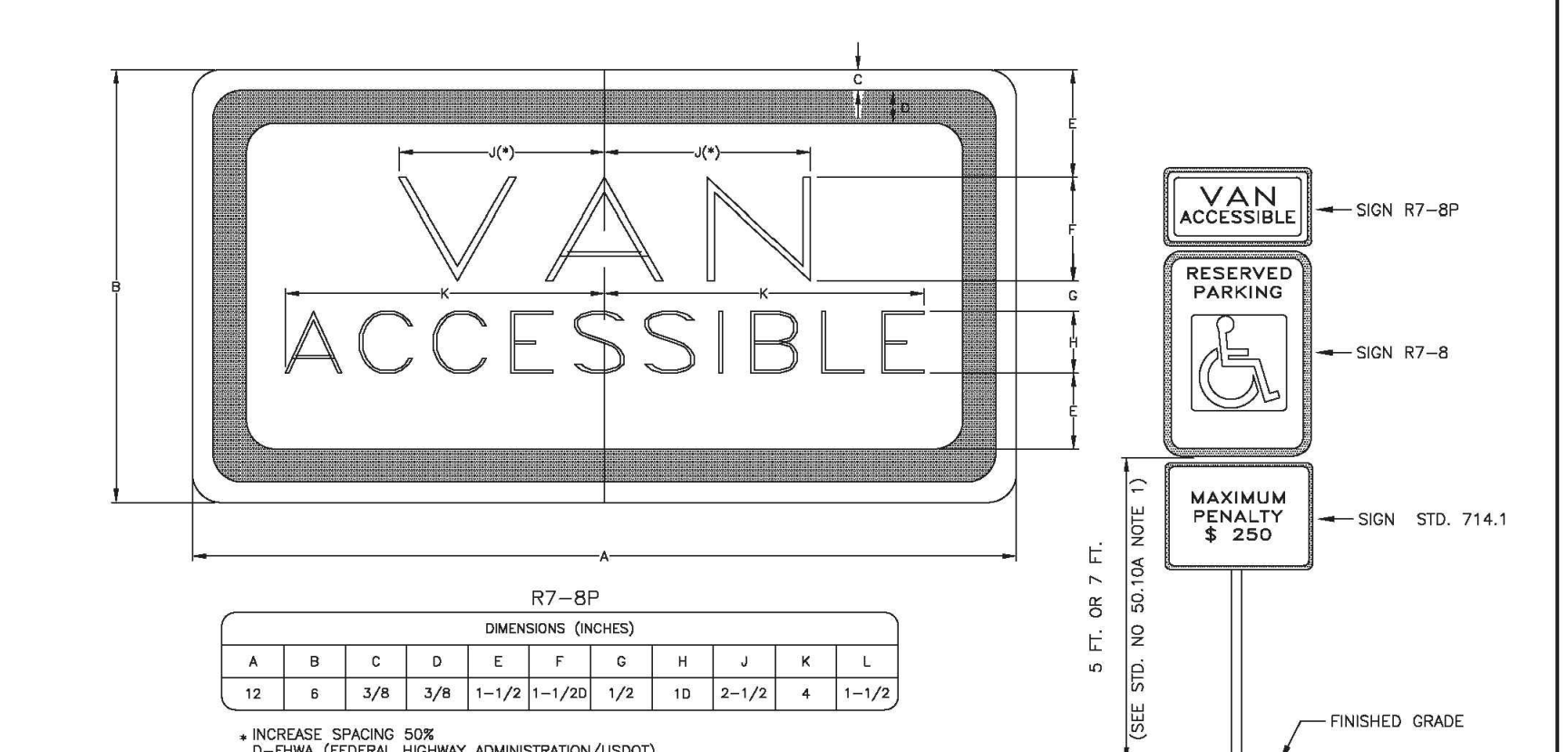
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	ACCESSIBLE PARKING AND SIGNAGE STANDARDS	STD. NO. REV. 712.1
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- NOTES:**
1. TRANSITION IS NOT TO BE LOCATED WITHIN THE CURB RADIUS.

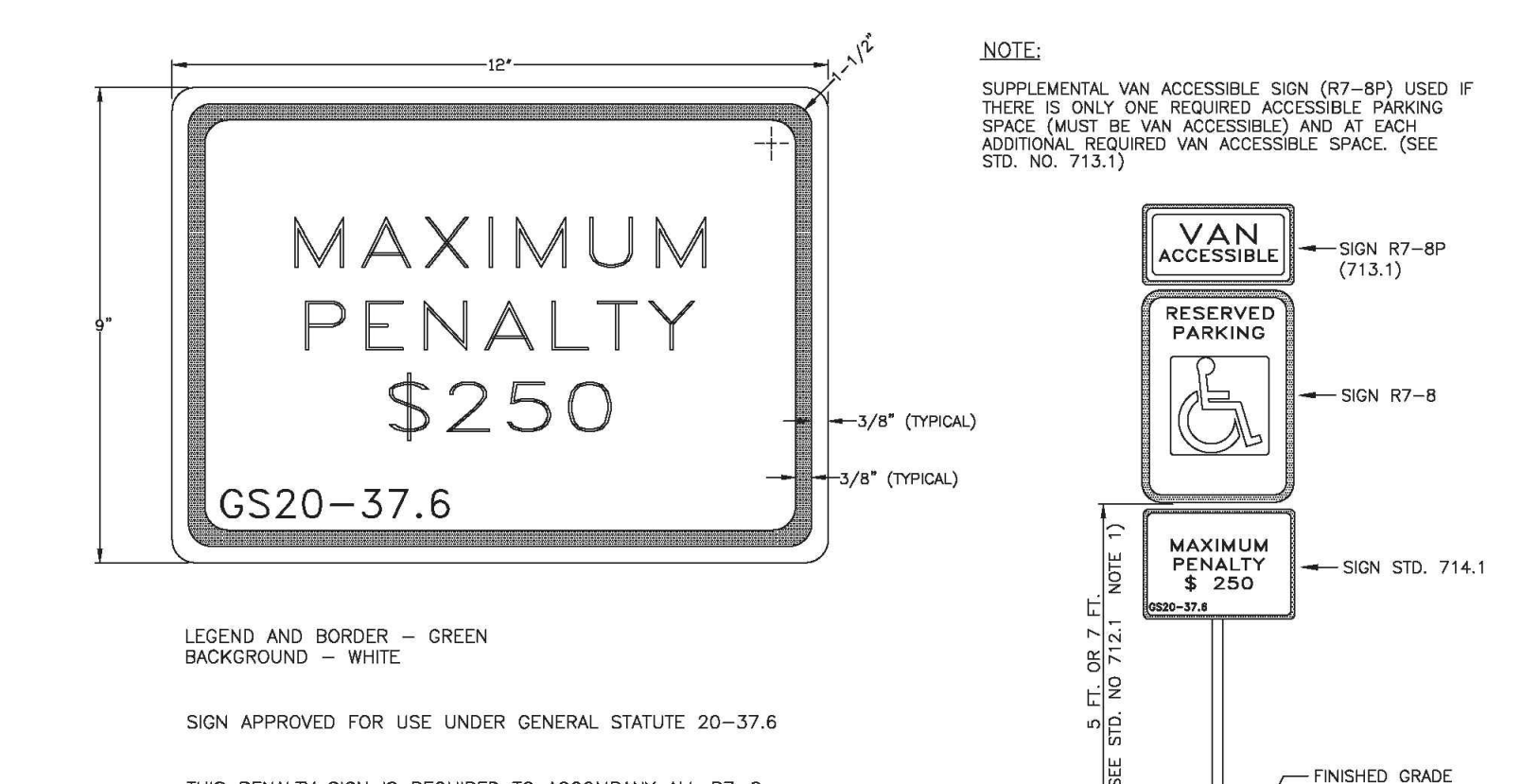
NOT TO SCALE

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	CURB TRANSITION 2'-6" CURB AND GUTTER TO 2'-0" VALLEY GUTTER	STD. NO. REV. 104.1
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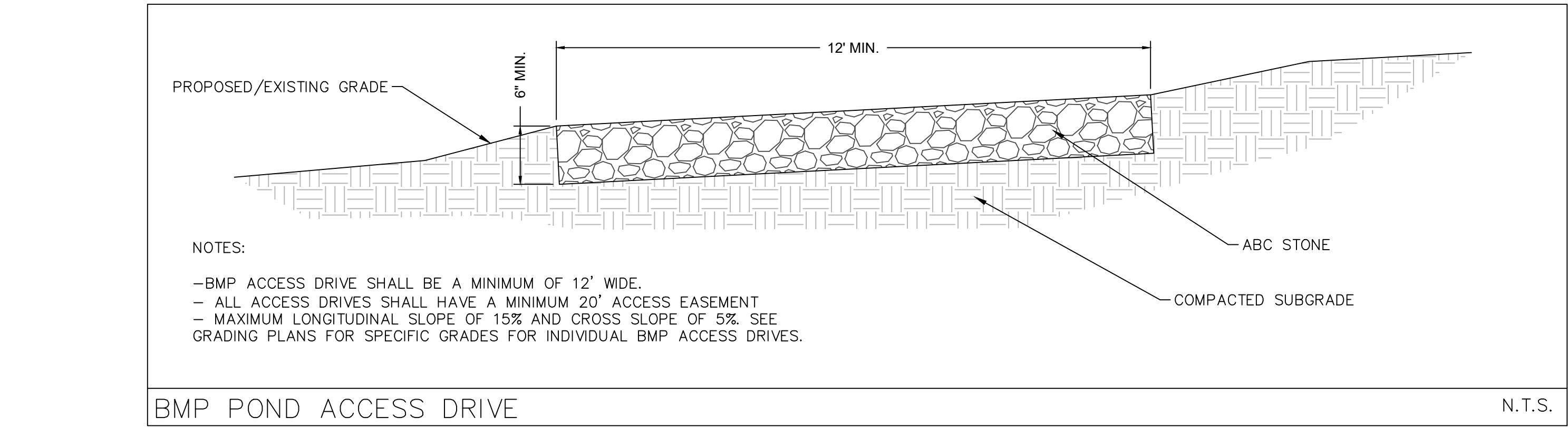
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TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	SUPPLEMENTAL VAN ACCESSIBLE SIGN (R7-8P)	STD. NO. REV. 713.1
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NOT TO SCALE

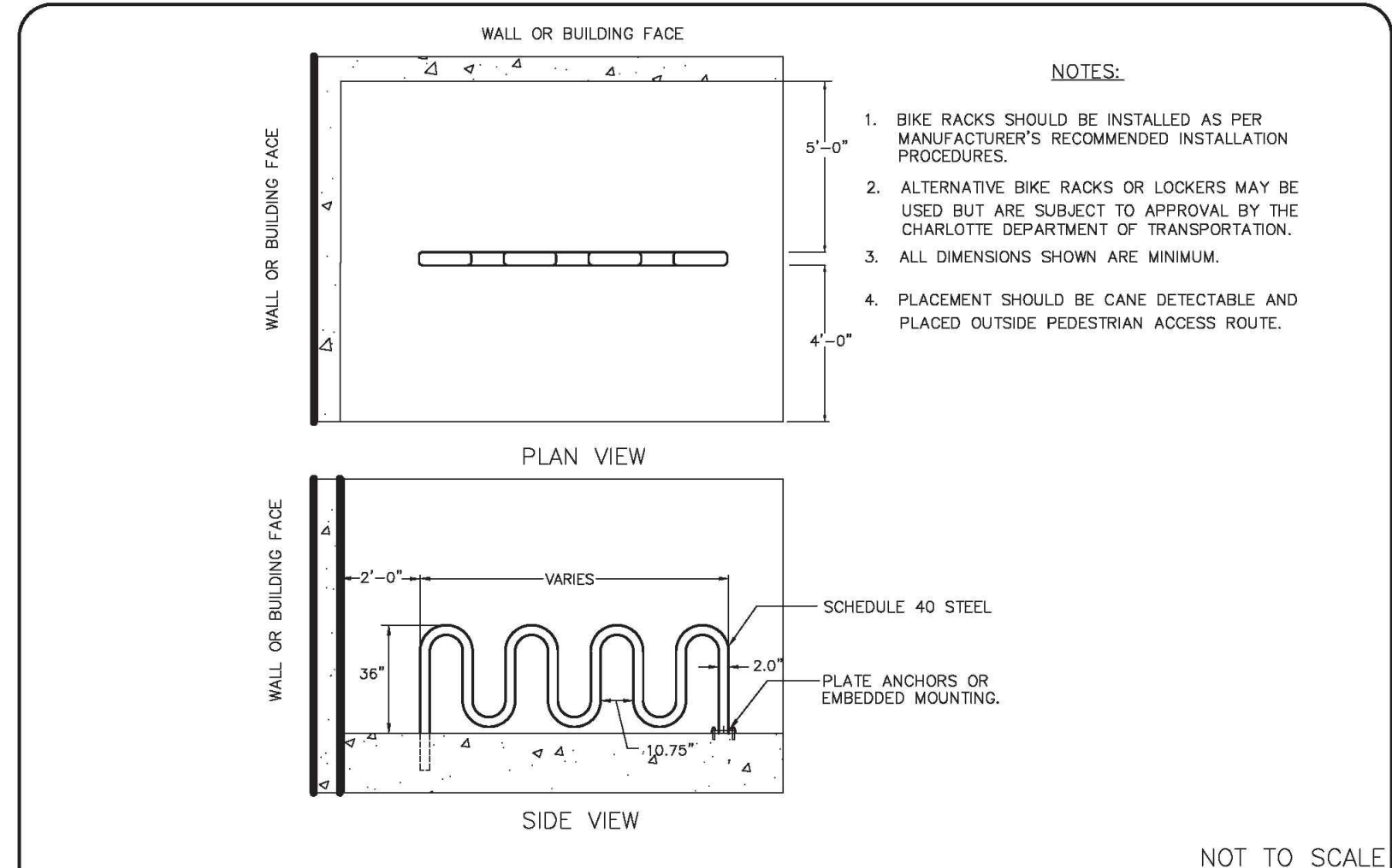
TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	SUPPLEMENTAL ACCESSIBLE PENALTY SIGN	STD. NO. REV. 714.1
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- NOTES:**
- BMP ACCESS DRIVE SHALL BE A MINIMUM OF 12' WIDE.
 - ALL ACCESS DRIVES SHALL HAVE A MINIMUM 20' ACCESS EASEMENT
 - MAXIMUM LONGITUDINAL SLOPE OF 15% AND CROSS SLOPE OF 5% SEE GRADING PLANS FOR SPECIFIC GRADES FOR INDIVIDUAL BMP ACCESS DRIVES.

N.T.S.

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	BMP POND ACCESS DRIVE	STD. NO. REV. N.T.S.
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NOT TO SCALE

TOWN OF WAXHAW LAND DEVELOPMENT STANDARDS	WAVE RACK FOR BICYCLE PARKING	STD. NO. REV. 717.1
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NO.	DATE	REVISIONS PER TOWN OF WAXHAW COMMENTS	REVISIONS PER TOWN OF WAXHAW COMMENTS	C/J/H	BY

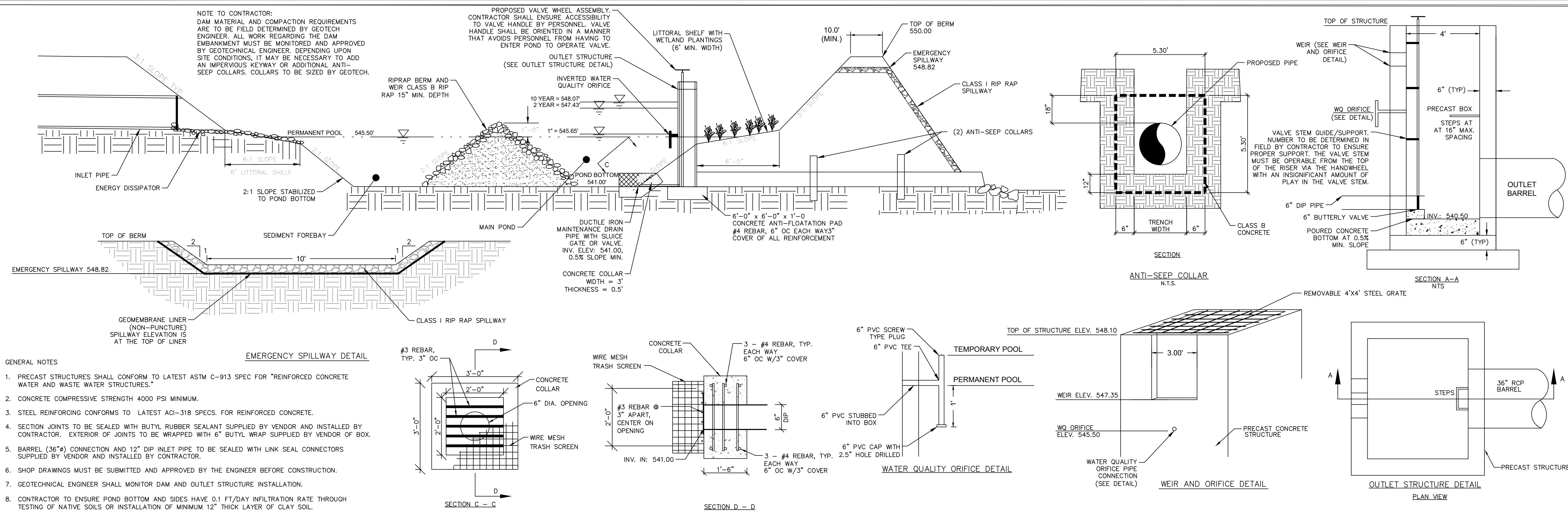
PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: DETAILS - SHEET 7

PROJ. MGR.: WGB
 DESIGN BY: C/JH
 DRAWN BY: C/JH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C9.6
 WKD PROJ. NO.: 20170280.00.CL



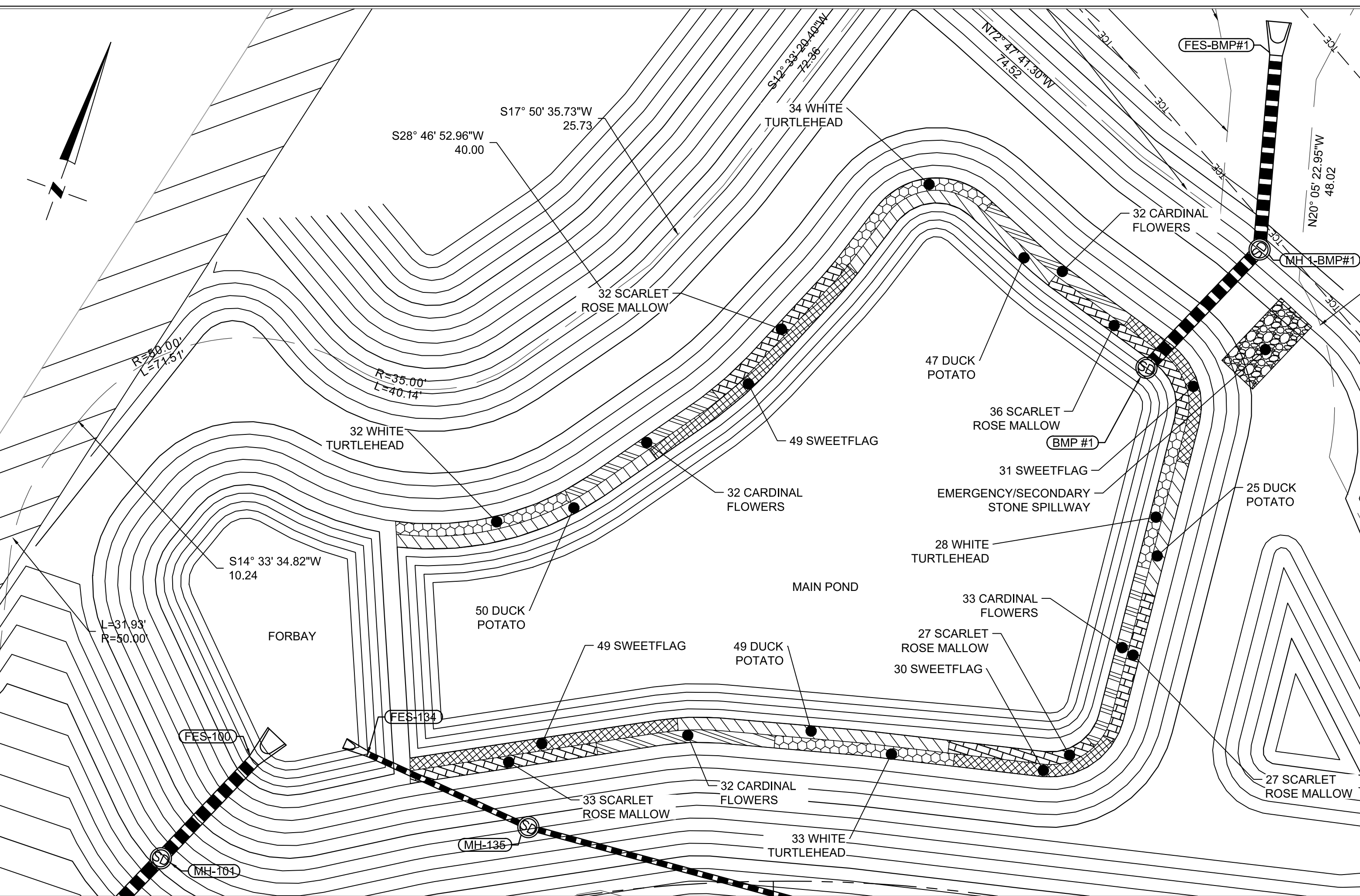
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WET DETENTION POND #1

N.T.S.



WET DETENTION POND #1 PLANTING DETAIL

N.T.S.

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 community infrastructure consultants

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 CHARLOTTE, NC 28205
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PROFESSIONAL SEAL

NORTH CAROLINA
 SEAL
 REGISTERED PROFESSIONAL ENGINEER
 WAXHAW & BOB
 6/4/19

PROFESSIONAL SEAL

NO.	DATE	DESCRIPTION
1	6/03/2019	OUTLET BOX CHANGES PER CONTRACTOR COMMENTS
2	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
3	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
4	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

REVISION RECORD

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDFAVOR LLC.

FOR: LANDFAVOR LLC.

9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273

DRAWING TITLE: DETAILS - BMP#1

PROJ. MGR.: WGB
 DESIGN BY: C/JH
 DRAWN BY: C/JH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C9.7

WKD PROJ. NO.: 20160118.00.CL

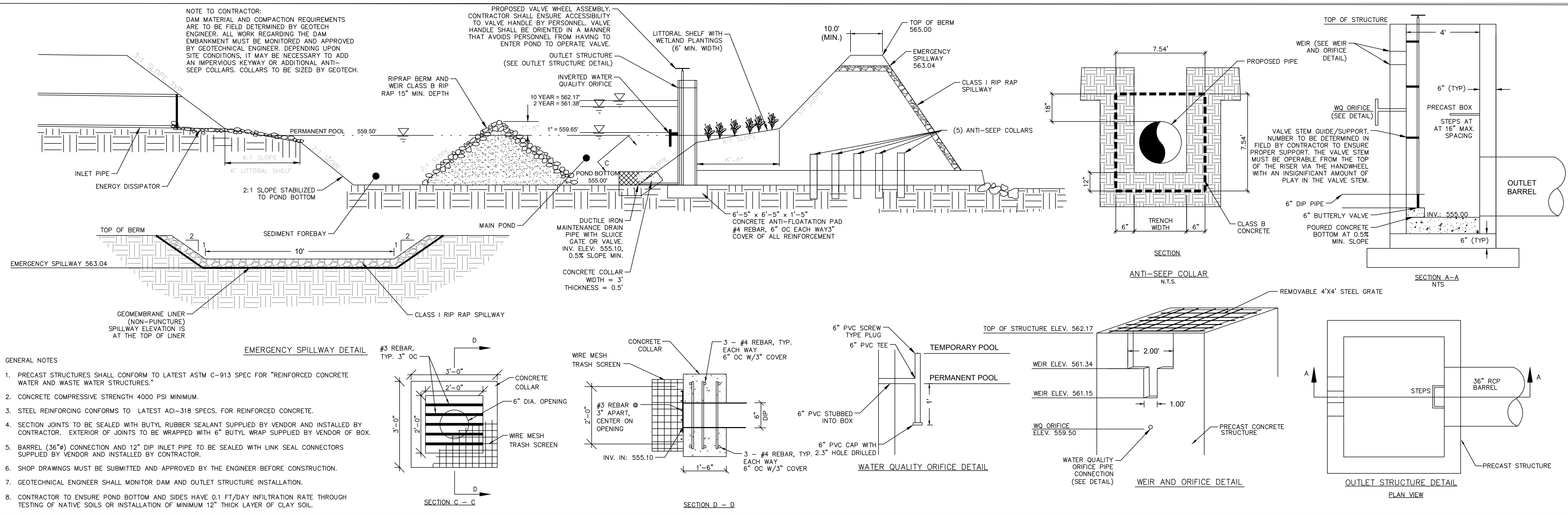
PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 6/4/2019

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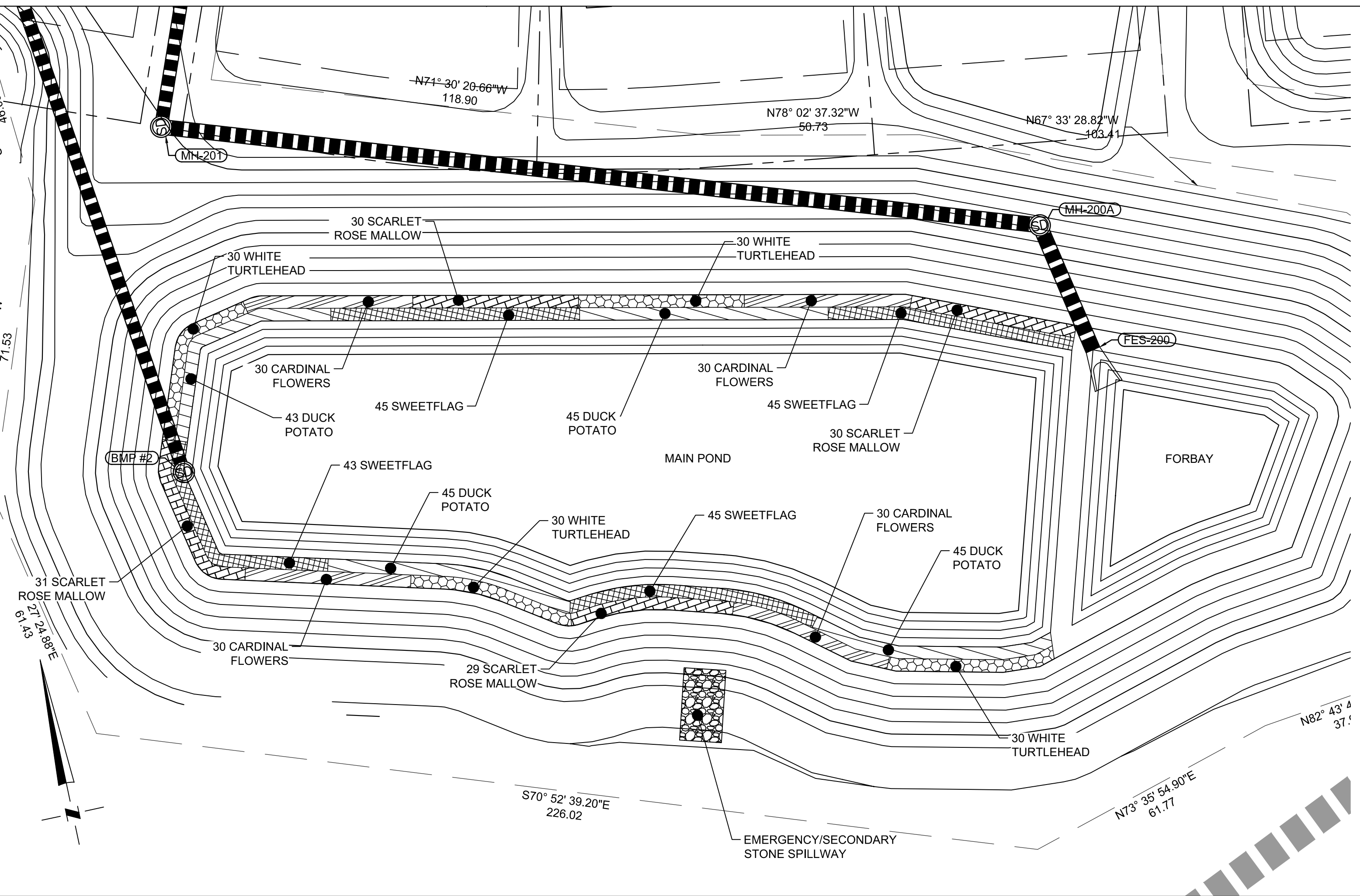
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- GENERAL NOTES**
1. PRECAST STRUCTURES SHALL CONFORM TO LATEST ASTM C-913 SPEC FOR "REINFORCED CONCRETE WATER AND WASTE WATER STRUCTURES."
 2. CONCRETE COMPRESSIVE STRENGTH 4000 PSI MINIMUM.
 3. STEEL REINFORCING CONFORMS TO LATEST ACI-318 SPECS. FOR REINFORCED CONCRETE.
 4. SECTION JOINTS TO BE SEALED WITH BUTYL RUBBER SEALANT SUPPLIED BY VENDOR AND INSTALLED BY CONTRACTOR. EXTERIOR OF JOINTS TO BE WRAPPED WITH 6" BUTYL WRAP SUPPLIED BY VENDOR OF BOX.
 5. BARREL (36") CONNECTION AND 12" DIP INLET PIPE TO BE SEALED WITH LINK SEAL CONNECTORS SUPPLIED BY VENDOR AND INSTALLED BY CONTRACTOR.
 6. SHOP DRAWINGS MUST BE SUBMITTED AND APPROVED BY THE ENGINEER BEFORE CONSTRUCTION.
 7. GEOTECHNICAL ENGINEER SHALL MONITOR DAM AND OUTLET STRUCTURE INSTALLATION.
 8. CONTRACTOR TO ENSURE POND BOTTOM AND SIDES HAVE 0.1 FT/DAY INFILTRATION RATE THROUGH TESTING OF NATIVE SOILS OR INSTALLATION OF MINIMUM 12" THICK LAYER OF CLAY SOIL.

WET DETENTION POND #2



WET DETENTION POND #2 PLANTING DETAIL

GENERAL BMP CONSTRUCTION SEQUENCE NOTES

1. AFTER SITE HAS BEEN STABILIZED AND SEDIMENT BASIN IS READY TO BE CONVERTED TO WET POND, DE-WATER BASIN, REMOVE ANY ACCUMULATED SEDIMENT AND LEGALLY DISPOSE OF MATERIAL. MATERIAL MAY BE DISPOSED OF ON-SITE IN AREAS NOT REQUIRING STRUCTURAL FILL.
2. EXCAVATE FOREBAY AND MAIN BAY OF BASIN. FINAL GRADE BASIN AND CONSTRUCT LITTORAL SHELF. VERIFY GRADES CONFORM TO THE ELEVATIONS AT THE BOTTOM AND TOP OF THE LITTORAL SHELF, THE PERMANENT POOL ELEVATION, AND TOP OF EMBANKMENT AND VERIFY ALL GRADED ELEVATIONS ARE AS SHOWN ON THESE PLANS.
3. PROVIDE TEMPORARY SEEDING AS NEEDED TO STABILIZE SLOPES.
4. SUBMIT PRELIMINARY TOPOGRAPHIC SURVEY OF BASIN TO ENGINEER OF RECORD PRIOR TO INSTALLATION OF PLANTS ALONG LITTORAL SHELF OR INSTALLATION OF PERMANENT STABILIZATION MEASURES/SEEDING. CONTRACTOR SHALL NOT PERFORM ANY WORK BEYOND THIS PHASE UNTIL APPROVAL OF PRELIMINARY TOPOGRAPHIC SURVEY IS GRANTED BY ENGINEER OF RECORD.
5. REMOVE ANY TEMPORARY BLOCKAGES OR MODIFICATIONS TO CONTROL STRUCTURES REQUIRED FOR EROSION CONTROL AND VERIFY STRUCTURES CONFORM TO DETAILS.
6. SPREAD TOP SOIL AMENDED WITH ORGANIC FERTILIZER TO A DEPTH OF 2" OVER ENTIRE LITTORAL SHELF AND TILL INTO THE TOP 6" OF THE LITTORAL SHELF. CONTRACTOR SHALL BREAK UP AND TILL ALL CLODS GREATER THAN 3" IN LARGEST DIMENSION AND INTEGRATE WITH SOIL. ANY ROCKS, GRAVEL, AND DEBRIS LARGER THAN 1" IN LARGEST DIMENSION SHALL BE REMOVED FROM LITTORAL SHELF AND DISPOSED OF PRIOR TO INSTALLING PLANTINGS PER THE LANDSCAPE SCHEDULE. RECOMPACT SHELF USING HAND TOOLS AND VERIFY A UNIFORM SURFACE WITH SLOPE OF 10:1 IS PROVIDED.
7. INSTALL PLANT MATERIAL PER BMP PLANTING PLANS. DO NOT INSTALL PLANTINGS WHERE INFLOWS FROM STORM PIPES WILL DISLODGE OR DAMAGE PLANTS. ANCHOR PLANTINGS TO SHELF USING SOD STAPLES OR COMPARABLE METHOD OR DEVICE.
8. APPLY FERTILIZER PER SPECIFICATIONS.
9. PROVIDE TEMPORARY IRRIGATION FOR WET POND PLANTINGS FOR A PERIOD OF NO LESS THAN 30 DAYS OR UNTIL ESTABLISHMENT. IF INSTALLATION OCCURS DURING SUMMER MONTHS ADDITIONAL IRRIGATION BEYOND 30 DAYS WILL BE NECESSARY TO ESTABLISH PLANTINGS.
10. INSTALL MEASURES NECESSARY TO PREVENT DESTRUCTION OF VEGETATION BY WILDLIFE SUCH AS GEESSE AND DEER. MEASURES MAY INCLUDE, BUT ARE NOT LIMITED TO: ORANGE CONSTRUCTION FENCING, ALLIGATOR DECOYS, INSTALLATION OF HUMANE DETERRENT DEVICES SUCH AS GOOSE GUARDIAN OR AWAY WITH GEESSE UNIT.
11. PLANT QUANTITIES ARE TO BE VERIFIED BY CONTRACTOR PRIOR TO THE RELEASE OF THE BMP POND.
12. MAINTENANCE EASEMENT SHALL BE RECORDED PRIOR TO THE RELEASE OF THE BMP POND.

- BMP PLANTING NOTES**
1. SIZE, QUALITY AND OVERALL HEALTH OF ALL PLANT MATERIAL USED SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60 "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
 2. ALL PLANT MATERIALS SHALL BE GUARANTEED TO BE IN HEALTHY CONDITION FOR (1) YEAR AFTER FINAL ACCEPTANCE OF ALL PLANT MATERIAL BY OWNER.
 3. ALL CONSTRUCTION MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM WITH TOWN OF WAXHAW AND UNION COUNTY STANDARDS.
 4. IF BARE ROOT SPECIMENS ARE NOT TO BE USED WITHIN 4 DAYS, THEY SHOULD BE PLANTED IN SUITABLE BEDS WITH THE ASSUMPTION THAT IT WILL BE A WHILE BEFORE THEY CAN BE USED, AND THEY SHOULD BE PROVIDED WITH CONDITIONS MAKING IT POSSIBLE FOR THEM TO SURVIVE AND GROW AS OPTIMALLY AS POSSIBLE.
 5. CONTAINER PLANTS WILL NEED TO BE WATERED REGULARLY (SEVERAL TIMES DAILY WHEN WEATHER IS HOT).
 6. PIN ALL SUBMERGED/FLOATING PLANT MATERIAL SECURELY TO THE BOTTOM OF POND WITH 12" BENT WIRE PINS.
 7. CUT BACK TALL AND EASILY BROKEN LEAVES AND STEMS AT THE TIME OF TRANSPLANTING.
 8. NEWLY RECEIVED NURSERY STOCK AND DISTURBED TRANSPLANTS SHOULD NOT BE EXPOSED TO DIRECT SUN ANY MORE THAN NECESSARY UNTIL THEY ARE PLACED IN THEIR PERMANENT POSITIONS.
 9. INSERT DRY FERTILIZER TABLETS OR SPIKES NEAR THE PLANTS AT THE TIME OF TRANSPLANTING.
 10. FENCE ENTIRE PLANTING AREA WITH 36" TALL PLASTIC FENCING WITH 1.5"x2" OPENINGS. FENCING SHALL BE UV STABLE. COLOR SHALL BE BLACK. INSTALL WITH STEEL POSTS SPACED AT 10' O.C. MAX. PIN THE BOTTOM LAYER OF THE FABRIC TO THE GROUND WITH 10-12" PINS. FENCING TO REMAIN IN PLACE FOR A PERIOD OF ONE YEAR POST INSTALLATION OF PLANT MATERIAL.
 11. STAKE PLANTING ZONES PRIOR TO INSTALLATION AND VERIFY AREAS ON PLAN.
 12. PLANTS ARE TO BE INSTALLED IN A RANDOM ARRANGEMENT WITHIN THEIR GROUPS ZONES. INDIVIDUAL SPECIES MAY BE PLANTED TOGETHER IN GROUPS OF 3 TO 5. PLANTS MAY ALSO BE PLANTED INDIVIDUALLY.
 13. PLANT QUANTITIES ARE TO BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION. PLANTS SHALL NOT BE COMPLETELY SUBMERGED WHEN PLANTED.

N. T. S.

WK DICKSON
 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-0078
 (704) 334-5348
 WWW.WKDICKSON.COM
 NC LICENSE NO. F-0374

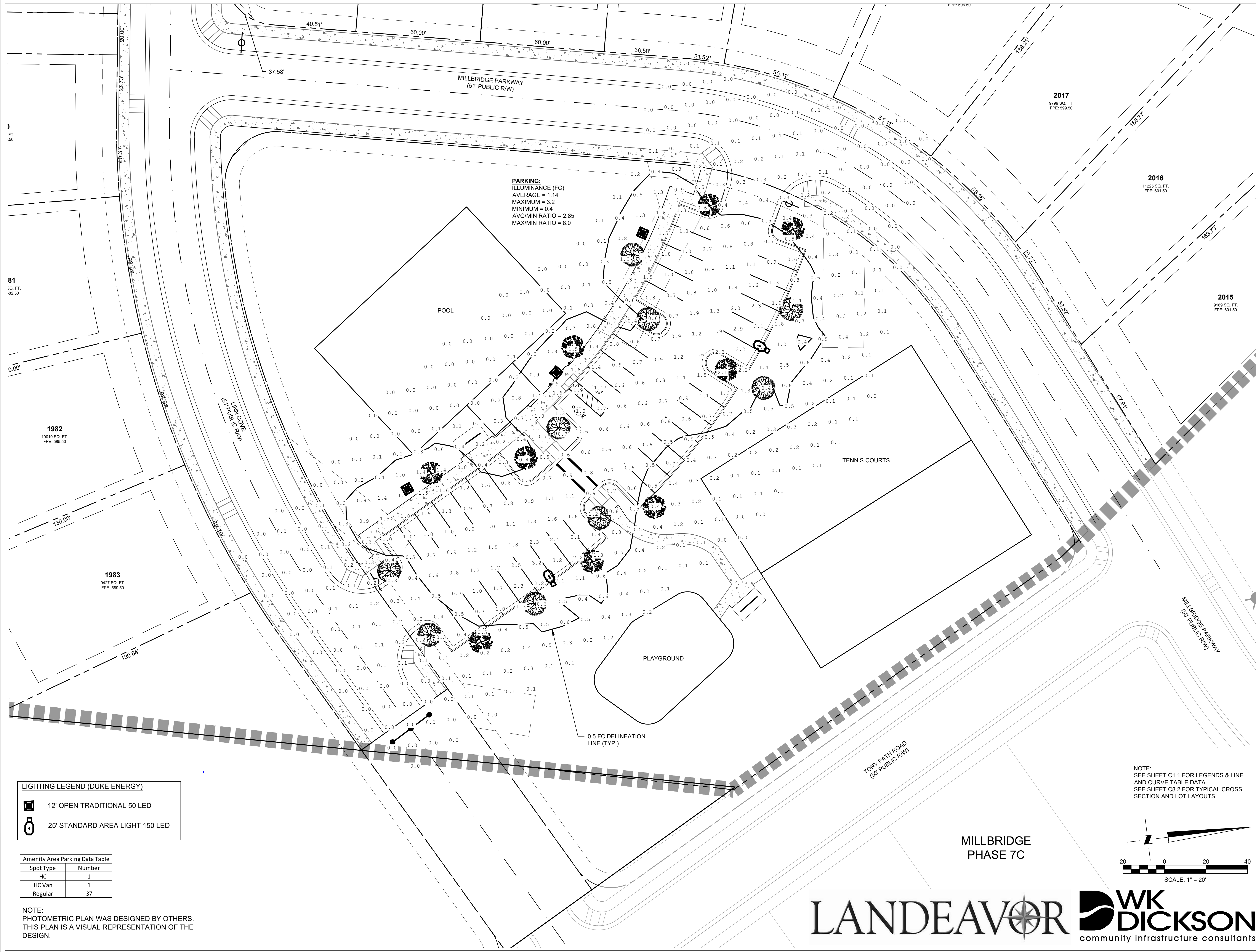
NORTH CAROLINA
 PROFESSIONAL SEAL
 W. K. DICKSON
 ENGINEER
 WAXHAW & BOBOLINKS
 6/4/19
 PROFESSIONAL SEAL

NO.	DATE	DESCRIPTION
1	6/03/2019	OUTLET BOX CHANGES PER CONTRACTOR COMMENTS
2	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
3	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
4	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDFAVOR LLC
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: DETAILS - BMP#2
 PROJECT MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER: C9.8
 WKD PROJ. NO.: 20160181.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 6/4/2019

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PARKING:
 ILLUMINANCE (FC)
 AVERAGE = 1.14
 MAXIMUM = 3.2
 MINIMUM = 0.4
 AVG/MIN RATIO = 2.85
 MAX/MIN RATIO = 8.0

LIGHTING LEGEND (DUKE ENERGY)

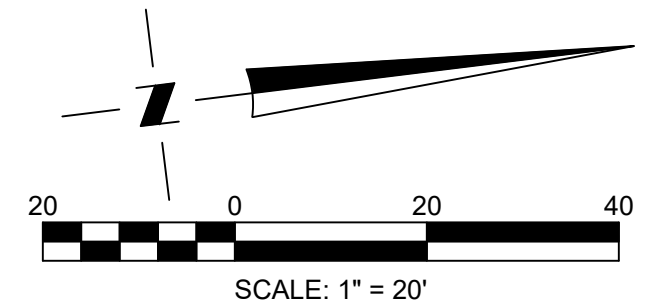
- 12' OPEN TRADITIONAL 50 LED
- 25' STANDARD AREA LIGHT 150 LED

Amenity Area Parking Data Table

Spot Type	Number
HC	1
HC Van	1
Regular	37

NOTE:
 PHOTOMETRIC PLAN WAS DESIGNED BY OTHERS.
 THIS PLAN IS A VISUAL REPRESENTATION OF THE DESIGN.

NOTE:
 SEE SHEET C1.1 FOR LEGENDS & LINE AND CURVE TABLE DATA.
 SEE SHEET C8.2 FOR TYPICAL CROSS SECTION AND LOT LAYOUTS.



MILLBRIDGE PHASE 7C

community infrastructure consultants

616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-0078
 (704) 334-5348
 WWW.WKDICKSON.COM
 NC LICENSE NO. F-0374

PROFESSIONAL SEAL

REVISION RECORD

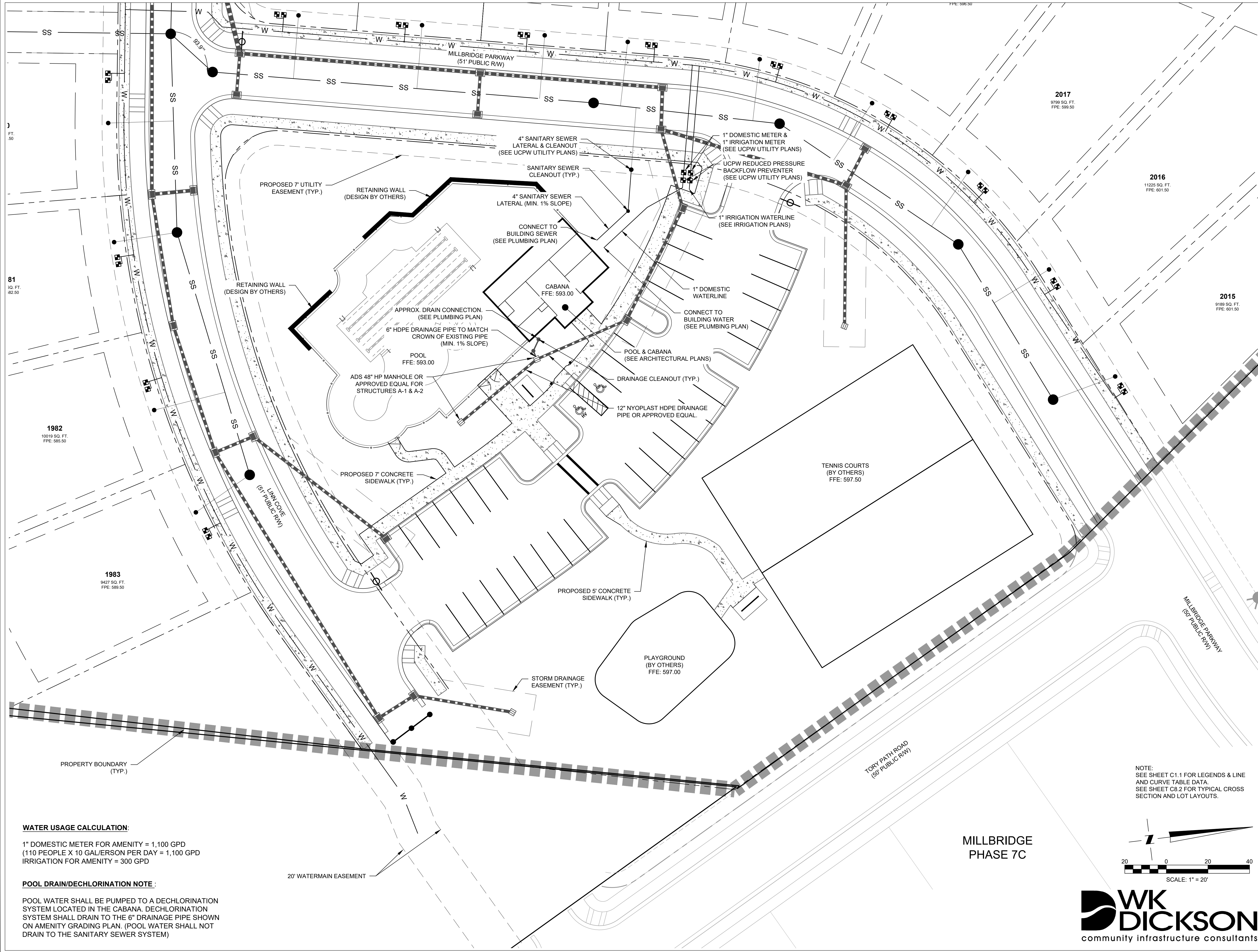
NO.	DATE	DESCRIPTION
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME:
 MILLBRIDGE PHASE 7D FOR LANDEAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE:
 AMENITY PHOTOMETRIC PLAN

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER:
APP - B
 WKD PROJ. NO.:
 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 11/20/2018

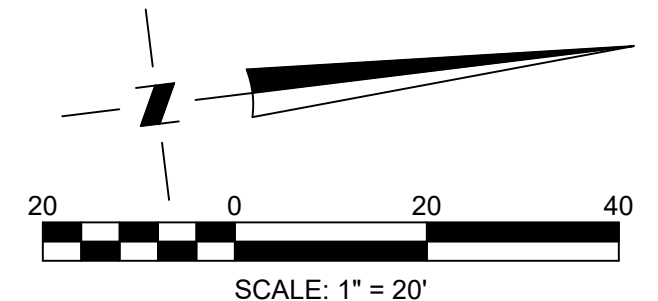
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WATER USAGE CALCULATION:
 1" DOMESTIC METER FOR AMENITY = 1,100 GPD
 (110 PEOPLE X 10 GAL/PERSON PER DAY = 1,100 GPD)
 IRRIGATION FOR AMENITY = 300 GPD

POOL DRAIN/DECHLORINATION NOTE:
 POOL WATER SHALL BE PUMPED TO A DECHLORINATION SYSTEM LOCATED IN THE CABANA. DECHLORINATION SYSTEM SHALL DRAIN TO THE 6" DRAINAGE PIPE SHOWN ON AMENITY GRADING PLAN. (POOL WATER SHALL NOT DRAIN TO THE SANITARY SEWER SYSTEM)

NOTE:
 SEE SHEET C1.1 FOR LEGENDS & LINE AND CURVE TABLE DATA.
 SEE SHEET C8.2 FOR TYPICAL CROSS SECTION AND LOT LAYOUTS.



WK DICKSON
 community infrastructure consultants
 616 COLONNADE DR
 CHARLOTTE, NC 28205
 (704) 334-5078
 (704) 334-5348
 WWW.WKDICKSON.COM
 NC LICENSE NO. F-0374



NO.	DATE	DESCRIPTION
3	4/21/2020	REVISIONS PER TOWN OF WAXHAW COMMENTS ON MINOR REVISIONS
2	3/24/2020	AMENITY CENTER MINOR REVISIONS TO APPROVED PLANS
C	2/27/2019	ADDITION OF MILLBRIDGE 7D CUP APPROVED CONDITIONS
B	11/19/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS
A	07/18/2018	REVISIONS PER TOWN OF WAXHAW COMMENTS

PROJECT NAME: MILLBRIDGE PHASE 7D FOR LANDFAVOR LLC.
 9101 SOUTHERN PINE BLVD. CHARLOTTE, NC 28273
 DRAWING TITLE: AMENITY UTILITY PLAN

PROJ. MGR.: WGB
 DESIGN BY: CJH
 DRAWN BY: CJH
 PROJ. DATE: MAY 2018
 DRAWING NUMBER:
APP-C
 WKD PROJ. NO.:
 20170280.00.CL

PRELIMINARY - DO NOT USE FOR CONSTRUCTION PLOT DATE: 4/28/2020