

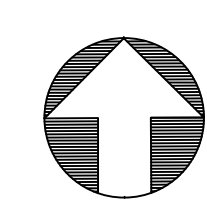
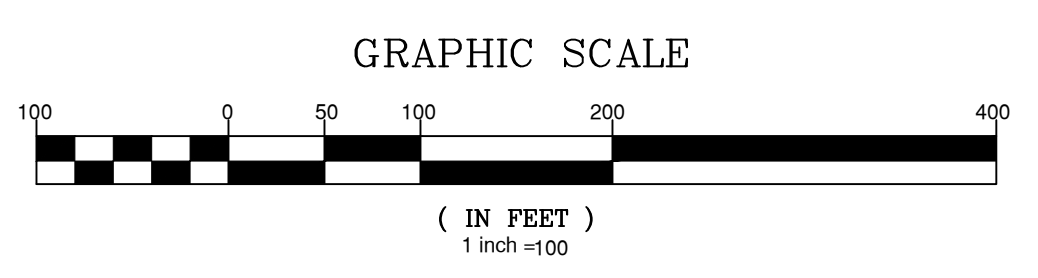
EXISTING LEGEND	
	WETLANDS AREA
	EXISTING BOUNDARY
	EXISTING TREE LINE
	EXISTING TOPOGRAPHY
	50' NEUSE RIPARIAN BUFFER
	BUFFER ZONE 1 AND 2
	TOP OF CREEK
	BOTTOM OF CREEK
	POND ELEVATION BOUNDARY
	EXISTING STORM PIPE
	EXISTING ROAD EASEMENT
	EXISTING BUILDING

NO.	DATE	REVISION

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

LINE	BEARING	DISTANCE
L1	N 29°16'51" W	103.15'
L2	S 13°14'13" W	30.80'
L3	S 13°11'52" W	75.23'
L4	S 12°45'00" W	105.78'
L5	S 12°20'07" W	102.35'
L6	S 11°47'14" W	73.35'
L7	N 11°47'14" E	80.81'
L8	N 12°20'07" E	102.60'
L9	N 12°45'00" E	106.01'
L10	N 13°11'52" E	75.35'
L11	N 13°14'13" E	29.69'
L12	N 00°09'21" W	60.99'
L13	S 03°23'06" W	47.18'



- GENERAL NOTES:
1. TOPO SHOWN ON THIS SHEET IS 1' CONTOURS AND IS FIELD TOPOGRAPHY.

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City of Raleigh Development Approval _____
Raleigh Water Review Officer _____



JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE: OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN
SHEET NO.: C1.0

GENERAL NOTES:

- A. ALL TREE PROTECTION FENCING SHALL BE MAINTAINED UNTIL ALL SITE WORK IS COMPLETED. THE FENCING SHALL BE REMOVED PRIOR TO THE FINAL SITE INSPECTION FOR THE CERTIFICATE OF OCCUPANCY (CO).

STANDARD UTILITY NOTES (AS APPLICABLE):

- 1. ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)

NOTES FOR CONSTRUCTION:

- 1. PLANS FOR INFRASTRUCTURE ONLY.

EROSION & SEDIMENT CONTROL NOTES:

STAGE 1 E&SC CONSTRUCTION SEQUENCE:

- 1. THE OWNER SHALL OBTAIN NCG01 PERMIT AND PAY ANY FEE THAT MAYBE ASSOCIATED WITH THIS PERMIT.

STAGE 2 E&SC CONSTRUCTION SEQUENCE:

- 1. GENERAL SITE GRADING MAY BEGIN.

REQUIRED WAKE COUNTY BASIN REMOVAL SEQUENCE

- 1. SCHEDULE A SITE MEETING WITH THE ENVIRONMENTAL CONSULTANT TO DETERMINE IF A BASIN CAN BE REMOVED. INSTALL SILT FENCING OR OTHER TEMPORARY EROSION CONTROL MEASURES AS NEEDED PRIOR TO REMOVAL OF THE BASIN.

NOTE: A MEETING SHOULD ALSO BE SCHEDULED WITH THE ENVIRONMENTAL CONSULTANT TO DETERMINE WHEN A BASIN MAY BE CONVERTED FOR STORMWATER USE. SOME MUNICIPALITIES MAY ALSO REQUIRE THIS.

SCM CONVERSION SEQUENCE:

- 1. WHEN ALL CONTRIBUTORY AREAS TO THE STORMWATER CONTROL MEASURE (SCM) HAVE BEEN STABILIZED CONTACT THE EROSION CONTROL OFFICER FOR PERMISSION TO CONVERT THE SEDIMENT BASIN (SB) TO A SCM.

REQUIRED WAKE COUNTY CONSTRUCTION SEQUENCE*

- 1. SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE WATERSHED MANGER. OBTAIN A LAND-DISTURBING PERMIT.

STOCKPILE DESIGN CRITERIA

- A. A 25-FOOT TEMPORARY MAINTENANCE AND ACCESS EASEMENT SHALL BE SHOWN AROUND ALL PROPOSED STOCKPILES (EROSION CONTROL MEASURES SURROUNDING THE STOCKPILE SHALL BE SHOWN AT THE OUTER LIMIT OF THIS EASEMENT).

MAINTENANCE REQUIREMENTS TO BE NOTED ON THE PLAN

- I. SEEDING OR COVERING STOCKPILES WITH TARPS OR MULCH IS REQUIRED AND WILL REDUCE EROSION PROBLEMS. TARPS SHOULD BE KEYS IN AT THE TOP OF THE SLOPE TO KEEP WATER FROM RUNNING UNDERNEATH THE PLASTIC.

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City of Raleigh Development Approval
Raleigh Water Review Officer



Table with columns: NO., DATE, REVISION.

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024

SHEET TITLE: GENERAL NOTES
SHEET NO.: C2.0



EROSION CONTROL LEGEND	
	EXISTING TOPOGRAPHY
	EXISTING BOUNDARY
	EXISTING WETLANDS AREA
	EXISTING 50' NEUSE RIPARIAN BUFFER
	EXISTING BUFFER ZONES
	PROPOSED LOT LINE
	PROPOSED EASEMENT
	PROPOSED 25 x 50 GRAVEL CONSTRUCTION ENTRANCE
	PROPOSED RIP RAP
	BASIN WEIR
	PROPOSED SEDIMENT BASIN
	PROPOSED INLET PROTECTION
	PROPOSED PIPE INLET PROTECTION
	PROPOSED CHECK DAM
	PROPOSED SF OUTLET
	GREENWAY TRAIL HATCH
	PROPOSED BASIN MAINTENANCE PAD
	PROPOSED WATTLE
	PROPOSED SILT FENCE
	PROPOSED TREE PROTECTION FENCE/LIMITS OF DISTURBANCE
	DIVERSION DITCH DRAINAGE AREA
	PROPOSED DIVERSION DITCH
	PROPOSED JUNCTION BOX
	PROPOSED CATCH BASIN
	PROPOSED YARD INLET
	PROPOSED DROP INLET
	PROPOSED STORM WATER

NO. DATE REVISION:

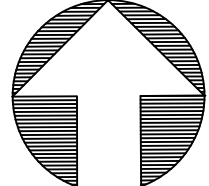
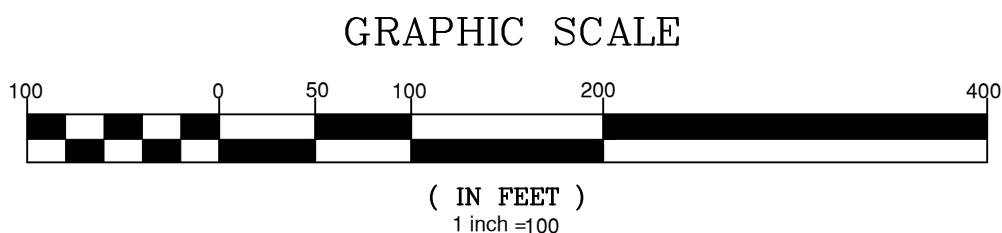
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THE PRESERVE AT MOODY FARM
 ROLESVILLE ROAD
 WAKE COUNTY, NC

JOB NUMBER: 21-002
 CHECKED BY: JK
 DRAWN BY: RC & SM
 DATE: 12/02/2024

SHEET TITLE:
OVERALL EC STAGE 1

SHEET NO.:
C3.0



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 City of Raleigh Development Approval _____
 Raleigh Water Review Officer



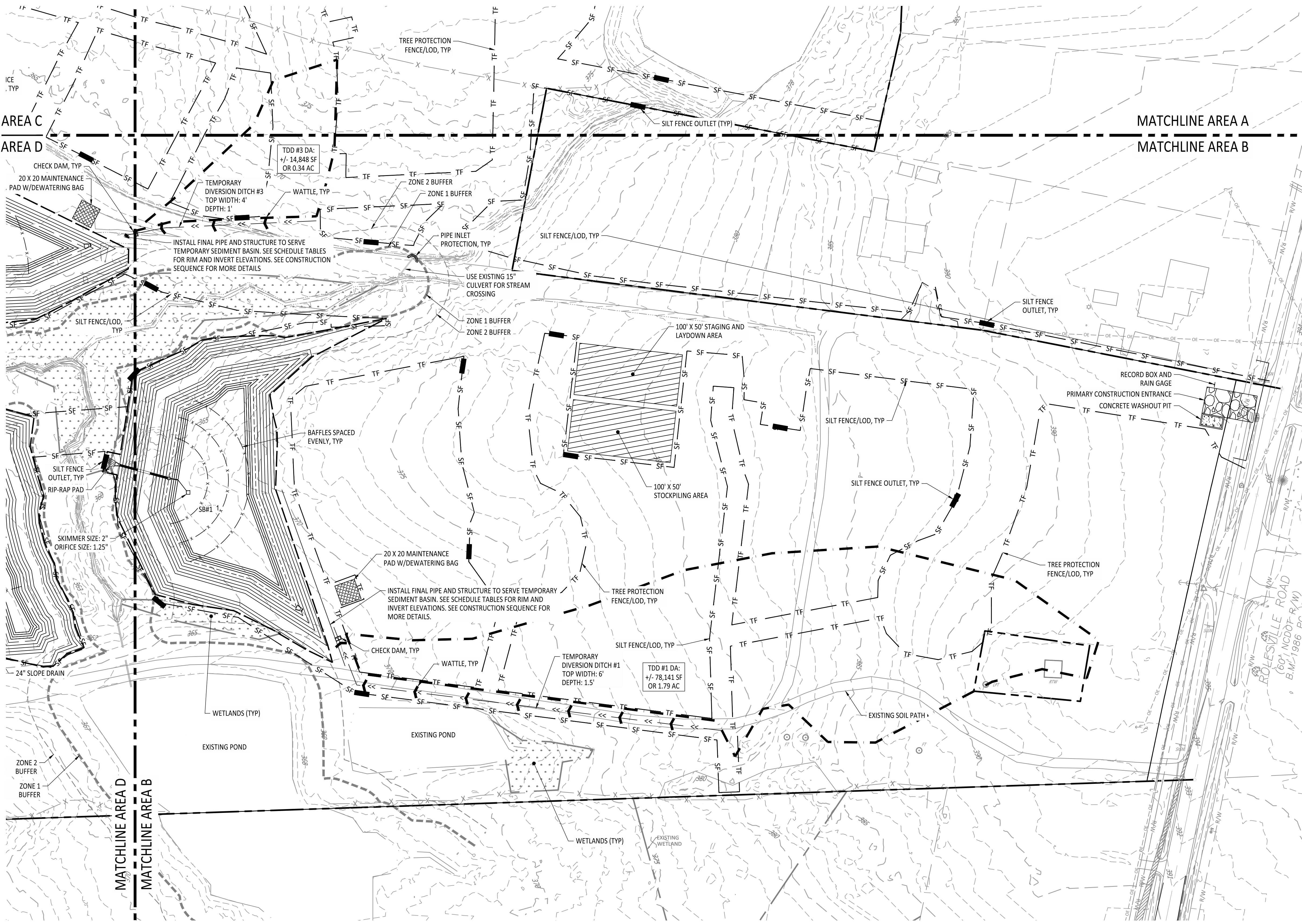
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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

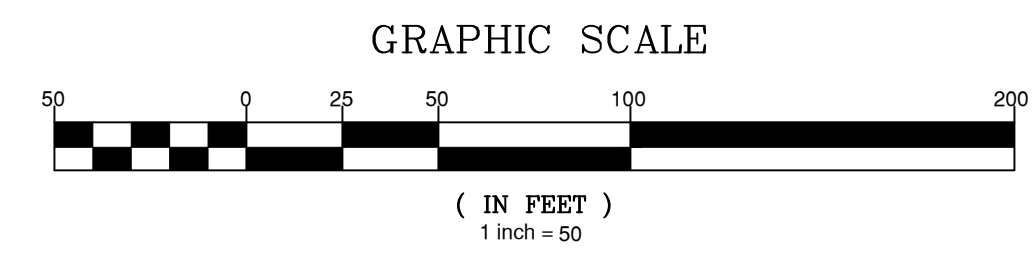
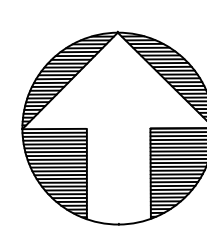
JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024

EC STAGE 1 - AREA B

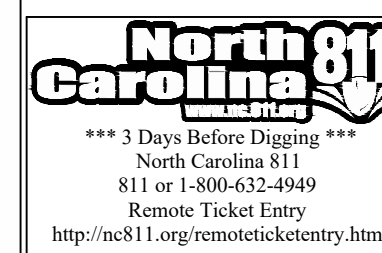
SHEET NO.: **C3.2**

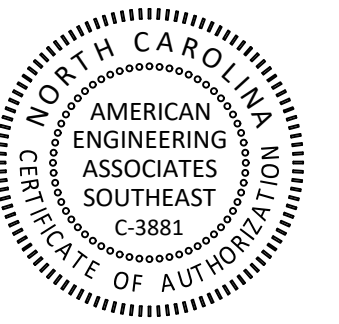


- GENERAL NOTES:**
- SEE SHEET C7.0 FOR TEMPORARY DIVERSION DITCH SCHEDULE.



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Raleigh Water Review Officer





CHRISTIAN C. WILDER
 CINDY E. WILDER
 D.B. 10/27/1994
 B.M. 2019 PG. 1494
 P.I.N. 1767-39-2260

RICO D. GLOVER, SR.
 TIFFANY N. GLOVER
 D.B. 12/30/1960 PG. 1716
 B.M. 2018 PG. 2222
 B.M. 1928 PG. 142
 P.I.N. 1767-38-5959

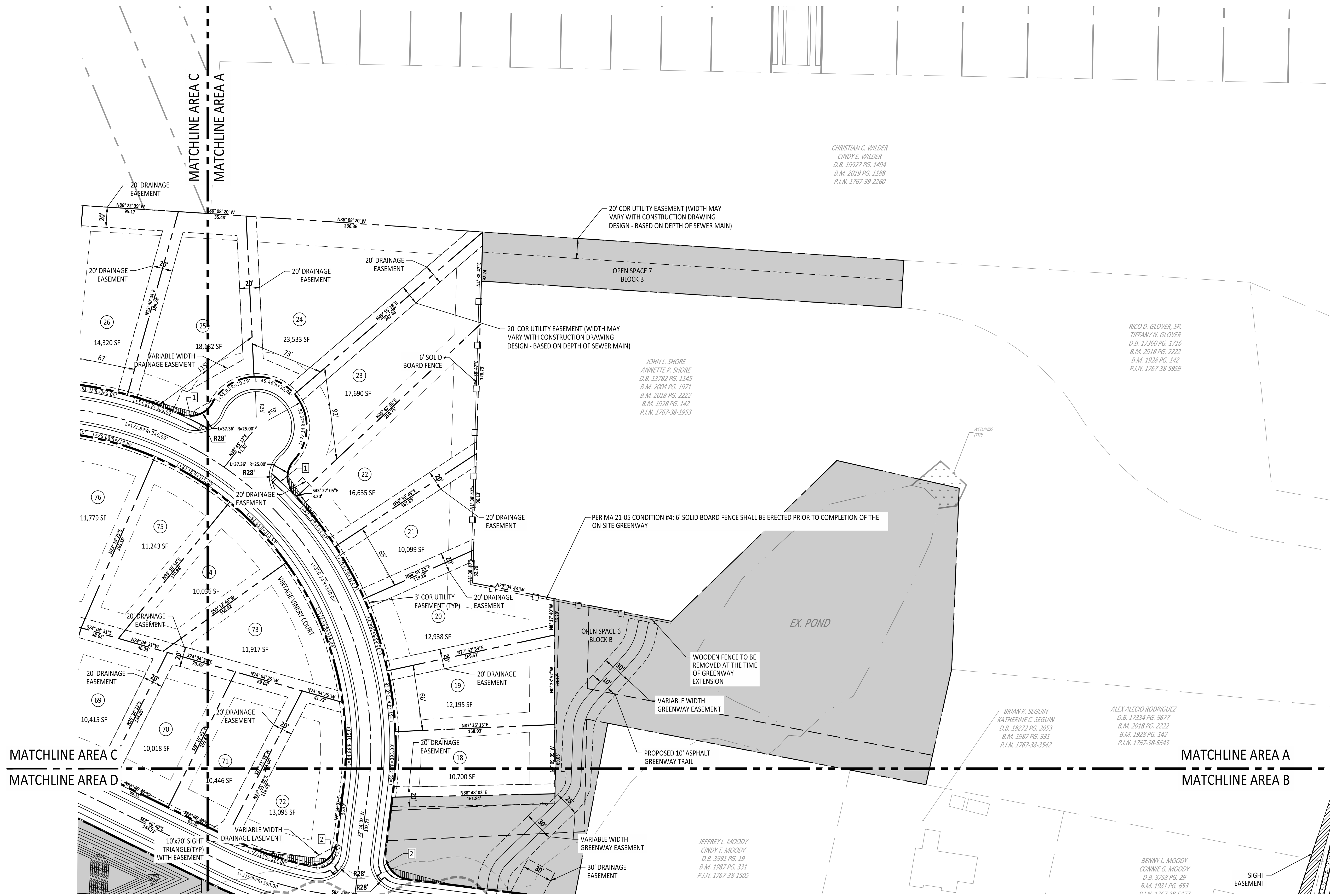
JOHN L. SHORE
 ANNETTE P. SHORE
 D.B. 13/28/1972 PG. 1145
 B.M. 2004 PG. 1971
 B.M. 2018 PG. 2222
 B.M. 1928 PG. 142
 P.I.N. 1767-38-1953

BRIAN R. SEGUIN
 KATHERINE C. SEGUIN
 D.B. 18/27/2003
 B.M. 1987 PG. 331
 P.I.N. 1767-38-3542

ALEX ALECCIO RODRIGUEZ
 D.B. 17/34 PG. 9677
 B.M. 2018 PG. 2222
 B.M. 1928 PG. 142
 P.I.N. 1767-38-5643

JEFFREY L. MOODY
 CINDY T. MOODY
 D.B. 3/9/1991 PG. 19
 B.M. 1987 PG. 331
 P.I.N. 1767-38-1505

BENNY L. MOODY
 CONNIE G. MOODY
 D.B. 3/25/1981 PG. 29
 B.M. 1981 PG. 653
 P.I.N. 1767-38-6477



LOT INFORMATION	
	SETBACK LINES
MIN LOT WIDTH	65'
FRONT SETBACK	25'
FRONT SETBACK	25'
SIDE SETBACK	10'
CORNER SETBACK	25'

* SEE LOT 1 FOR TYPICAL SETBACK DIMENSION

NOTE:
 TA 20-01 WAS ADAPTED 9-15-20, PERMITTING THE "DWELLING - SINGLE FAMILY DETACHED" USE IN THE R-3 DISTRICT, AND ESTABLISHED: MINIMUM LOT AREA OF 10,000 SF; MINIMUM LOT WIDTH 65'; FRONT YARD SETBACK OF 25'; SIDE YARD SETBACK OF 10'; CORNER YARD SETBACK OF 15'; REAR YARD SETBACK OF 25'

- KEYNOTE LEGEND:
- 1 CURB RAMP TYPE 1 MODIFIED
 - 2 CURB RAMP TYPE 3 MODIFIED INSTALLATION IN A RADIUS
 - 3 CURB RAMP TYPE 5A
 - 4 CURB RAMP TYPE 3

SITE LEGEND	
[Symbol]	OPEN SPACE
[Symbol]	EXISTING WETLANDS
[Symbol]	MAIL KIOSK
[Symbol]	LOT LINES
[Symbol]	SETBACK
[Symbol]	PROPOSED ROW
[Symbol]	PROPOSED EOP
[Symbol]	PROPOSED CENTERLINE
[Symbol]	PROPOSED BACK OF CURB
[Symbol]	50' NEUSE RIPARIAN BUFFER
[Symbol]	BUFFER ZONE 1 AND 2
[Symbol]	TOP OF CREEK
[Symbol]	PROPOSED SCM
[Symbol]	PROPOSED FENCE
[Symbol]	SIGHT TRIANGLE

NO.	DATE	REVISION

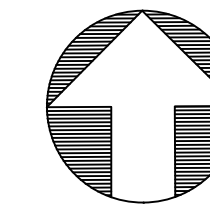
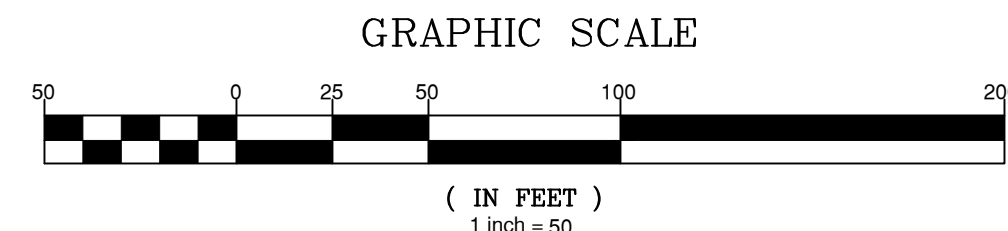
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THE PRESERVE
 AT
 MOODY FARM
 ROLESVILLE ROAD
 WAKE COUNTY, NC

JOB NUMBER: 21-002
 CHECKED BY: JK
 DRAWN BY: RC & SM
 DATE: 12/02/2024

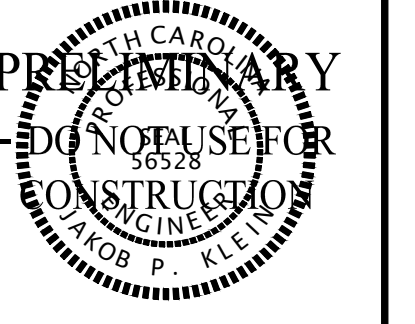
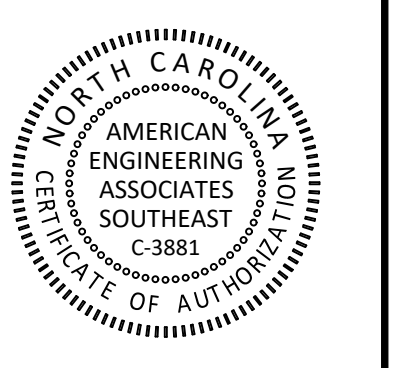
SHEET TITLE:
SITE PLAN A

SHEET NO.:
C4.1



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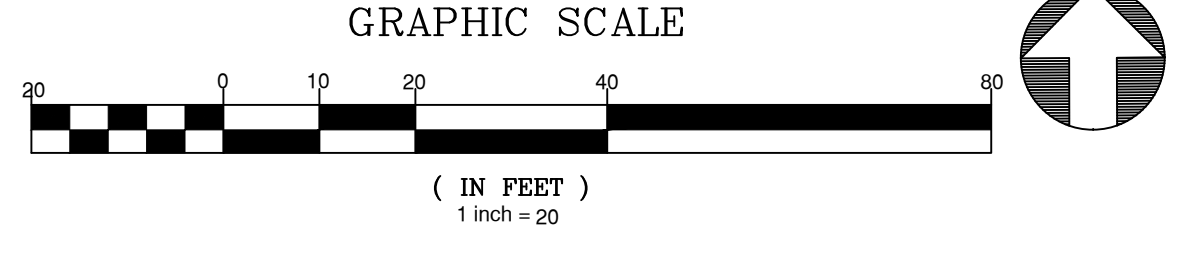
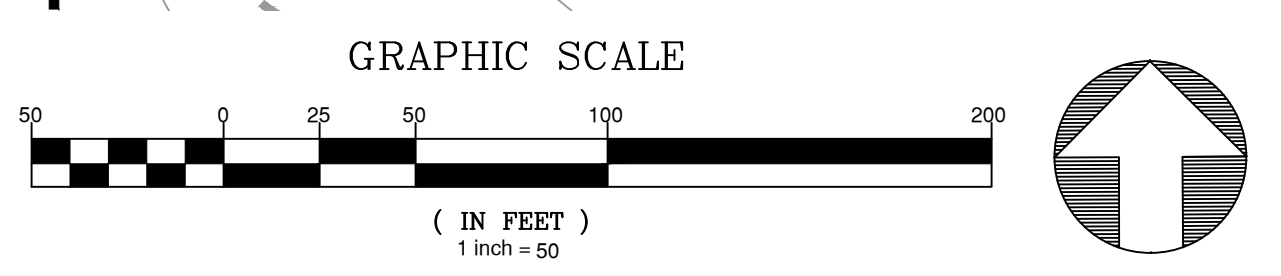
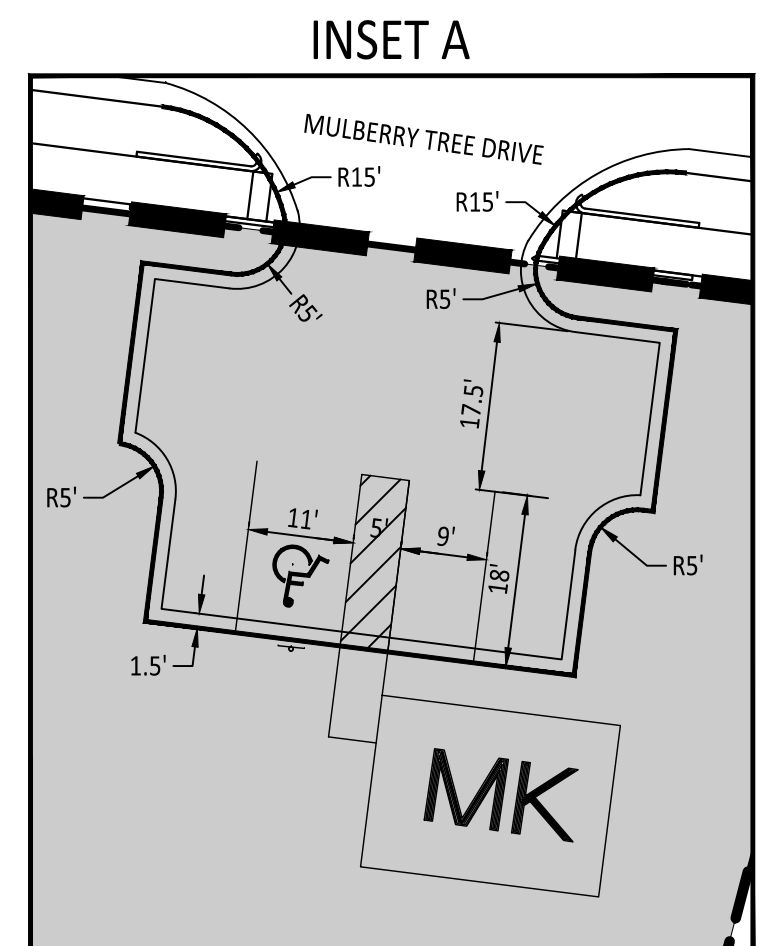




- KEYNOTE LEGEND:**
- 1 CURB RAMP TYPE 1 MODIFIED
 - 2 CURB RAMP TYPE 3 MODIFIED INSTALLATION IN A RADIUS
 - 3 CURB RAMP TYPE 5A
 - 4 CURB RAMP TYPE 3

SITE LEGEND	
[Symbol]	OPEN SPACE
[Symbol]	EXISTING WETLANDS
[Symbol]	MAIL KIOSK
[Symbol]	LOT LINES
[Symbol]	SETBACK
[Symbol]	PROPOSED ROW
[Symbol]	PROPOSED EOP
[Symbol]	PROPOSED CENTERLINE
[Symbol]	PROPOSED BACK OF CLUBB
[Symbol]	50' NEUSE RIPARIAN BUFFER
[Symbol]	BUFFER ZONE 1 AND 2
[Symbol]	TOP OF CREEK
[Symbol]	PROPOSED SCM
[Symbol]	PROPOSED FENCE
[Symbol]	SIGHT TRIANGLE

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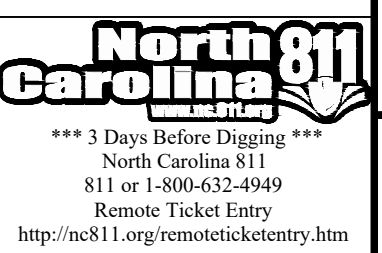
THE PRESERVE AT MOODY FARM
 ROLESVILLE ROAD
 WAKE COUNTY, NC

JOB NUMBER: 21-002
 CHECKED BY: JK
 DRAWN BY: RC & SM
 DATE: 12/02/2024

SITE PLAN B

SHEET NO.: **C4.2**

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 Raleigh Water Review Officer _____



December 2, 2024
 Z:\00\31-002-Moody Development\Task 0210007\Draw\Working\Drawings\Construction\Site\A04.4.6-Site Plan.dwg

SCM 1 - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
CB 101	FES 100	18"	229.12	2.20%	363.00	368.04
CB 102	CB 101	18"	27.00	0.52%	368.14	368.28
CB 103	CB 102	18"	45.91	3.48%	368.38	369.98
CB 104	CB 103	15"	27.00	0.52%	370.18	370.32
CB 105	CB 103	15"	244.37	2.96%	370.08	377.31
CB 106	CB 105	15"	27.04	0.63%	378.23	378.40
CB 106A	CB 106	15"	6.01	0.50%	378.50	378.53
CB 107	CB 105	15"	252.43	2.97%	377.42	384.92
CB 111	FES 110	18"	96.03	0.58%	380.50	381.06
CB 111A	CB 111	15"	5.93	0.50%	381.16	381.19
CB 114	CB 111	15"	107.82	1.00%	381.37	382.45
CB 115	CB 114	15"	27.00	0.67%	382.55	382.73
CB 115A	CB 115	15"	6.01	0.50%	382.83	382.86
CB 116	CB 115	15"	59.00	0.75%	382.83	383.27
CB 116A	CB 116	15"	5.99	0.50%	382.93	382.96
CB 121	FES 120	15"	94.32	0.56%	368.50	369.03
CB 122	CB 121	15"	59.04	1.00%	369.13	369.72
CB 123	CB 122	15"	68.95	1.00%	369.82	370.51
DI 126	FES 125	24"	41.51	0.50%	363.50	363.71

SCM 1 Outfall - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
OS 101	FES OS 100	24"	53.97	1.39%	359.00	359.75

SCM 2 - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
YI 204	FES 203	18"	64.79	1.16%	361.50	362.25

SCM 2 Outfall - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
OS 201	FES OS 200	18"	72.00	1.04%	357.00	357.75

SCM 3 - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
CB 301	FES 300	36"	42.07	0.50%	361.00	361.21
CB 302	CB 301	36"	27.00	0.48%	361.31	361.44
CB 302	CB 304	30"	95.97	0.68%	362.31	361.65
CB 303	CB 301	18"	73.03	0.48%	361.30	361.65
CB 306	CB 305	15"	27.00	1.14%	364.89	364.58
CB 307	CB 304	24"	50.86	0.49%	362.56	362.81
CB 308	CB 307	24"	27.00	0.52%	362.91	363.05
CB 308	CB 306	24"	43.54	1.00%	363.99	363.55
CB 309	CB 308	24"	59.52	2.91%	363.34	365.07
CB 311	CB 309	24"	63.41	3.00%	365.15	367.05
CB 312	CB 311	18"	59.35	3.00%	367.15	368.93
CB 313	CB 312	15"	27.00	0.67%	369.94	370.12
CB 315	CB 312	18"	73.13	1.00%	369.43	370.16
CB 317	CB 315	18"	57.69	1.01%	370.26	370.84
CB 319	CB 317	18"	60.77	1.00%	370.94	371.55
CB 323	JB 176	15"	60.48	0.50%	373.95	374.25
CB 325	CB 323	15"	55.87	0.50%	374.35	374.63
CB 330	CB 302	24"	123.52	0.50%	361.54	362.16
CB 332	CB 330	15"	27.00	0.52%	362.90	363.04
CB 333	CB 330	24"	66.36	0.50%	362.67	363.00
CB 334	CB 333	18"	85.14	0.51%	363.20	363.63
FES INLET 302 A	CB 302	18"	23.96	1.04%	361.94	362.19
FES INLET 331	CB 330	24"	24.00	0.50%	362.32	362.44
FES INLET 335	CB 334	18"	24.00	0.50%	363.73	363.85
JB 176	CB 319	15"	79.65	0.50%	373.45	373.85
YI 310	CB 309	15"	24.00	1.00%	365.80	366.04
YI 314	CB 312	15"	35.50	2.99%	369.94	371.00
YI 316	CB 315	15"	24.00	5.00%	371.20	372.40
YI 318	CB 317	15"	24.00	1.00%	371.60	371.84
YI 320	CB 319	15"	24.00	1.00%	373.26	373.50
YI 322	YI 324	15"	76.04	2.37%	377.70	379.50
YI 324	CB 323	15"	24.00	5.67%	374.75	376.11

SCM 3 Outfall - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
OS 301	FES OS 300	24"	54.53	1.38%	357.00	357.75

SCM 4 - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
CB 401	FES 400	24"	34.25	0.50%	357.00	357.17
CB 402	CB 401	24"	27.00	0.50%	357.26	357.40
CB 403	CB 402	15"	42.39	0.50%	357.51	357.72
CB 404	CB 403	15"	27.00	0.50%	357.82	357.96
CB 405	CB 404	15"	118.81	2.35%	358.07	360.86
CB 406	CB 405	15"	118.49	1.31%	363.06	364.61
CB 407	CB 402	24"	45.60	0.50%	357.50	357.73
CB 408	CB 407	24"	71.73	0.64%	357.95	358.41
CB 408	CB 408A	15"	27.00	0.72%	358.88	358.68
CB 409	CB 408	18"	35.77	0.50%	358.54	358.72
CB 409	CB 409A	15"	27.00	1.38%	359.06	358.68
CB 410	CB 409	15"	117.30	1.18%	358.86	360.25
CB 410	CB 410A	15"	27.00	0.96%	360.90	360.64
CB 411	CB 410	15"	109.50	3.41%	360.58	364.31
CB 412	CB 411	15"	47.14	0.51%	364.41	364.65
CB 413	CB 412	15"	27.00	0.50%	364.75	364.89
FES INLET 407A	CB 407	15"	78.21	0.51%	357.83	358.23
YI 413A	CB 413	15"	11.88	1.00%	364.99	365.11
YI 421	FES 410	18"	79.66	1.00%	356.95	357.75

SCM 4 Outfall - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
OS 401	FES OS 400	24"	72.49	0.51%	353.38	353.75

SCM 5 - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
CB 502	YI 501	24"	163.56	3.24%	347.25	352.55
CB 503	CB 502	15"	27.00	0.52%	353.30	353.44
CB 504	CB 502	24"	215.40	4.00%	352.65	361.27
CB 505	CB 504	24"	48.26	0.99%	361.37	361.85
CB 506	CB 505	24"	27.00	0.52%	362.36	362.50
CB 507	CB 506	24"	47.06	0.53%	362.58	362.83
CB 507A	CB 507	15"	6.00	0.50%	363.58	363.61
CB 508	CB 507	18"	27.00	0.52%	362.93	363.07
CB 511	CB 510	15"	27.00	0.89%	364.24	364.00
CB 511	CB 504	15"	64.21	1.32%	362.27	363.12
CB 513	CB 505	15"	117.76	1.00%	362.69	363.87
CB 514	CB 508	15"	187.90	3.69%	363.26	370.19
CB 515	CB 514	15"	27.53	0.51%	370.29	370.43
CB 516	CB 517	18"	27.02	1.06%	367.17	367.46
CB 517	CB 511	18"	115.87	2.68%	363.77	366.88
YI 501	FES 500	30"	45.55	0.50%	346.92	347.15
YI 509	CB 508	18"	24.00	0.86%	363.18	363.39
YI 513A	CB 513	15"	38.50	1.00%	363.87	364.26

SCM 5 Outfall - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
OS 501	FES OS 500	24"	72.55	1.03%	343.00	343.75

Culvert Crossing - East - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
HW FES 603	JB 602	42"	82.14	2.51%	364.44	366.50
JB 602	EW 101	42"	67.94	0.50%	364.00	364.34

Culvert Crossing - West - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
HW 611	EW 610	60"	83.38	1.80%	346.50	348.00
HW 613	EW 612	60"	83.38	1.80%	346.50	348.00

Bypass - PIPE SUMMARY						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	PIPE SIZE	LENGTH	SLOPE	DOWNSTREAM INVERT (FT)	UPSTREAM INVERT (FT)
CB 421	FES 420	15"	24.00	0.50%	356.16	356.28
CB 422	CB 421	15"	27.01	0.50%	356.41	356.55
FES INLET 601	FES 602	18"	79.19	4.36%	366.06	369.51

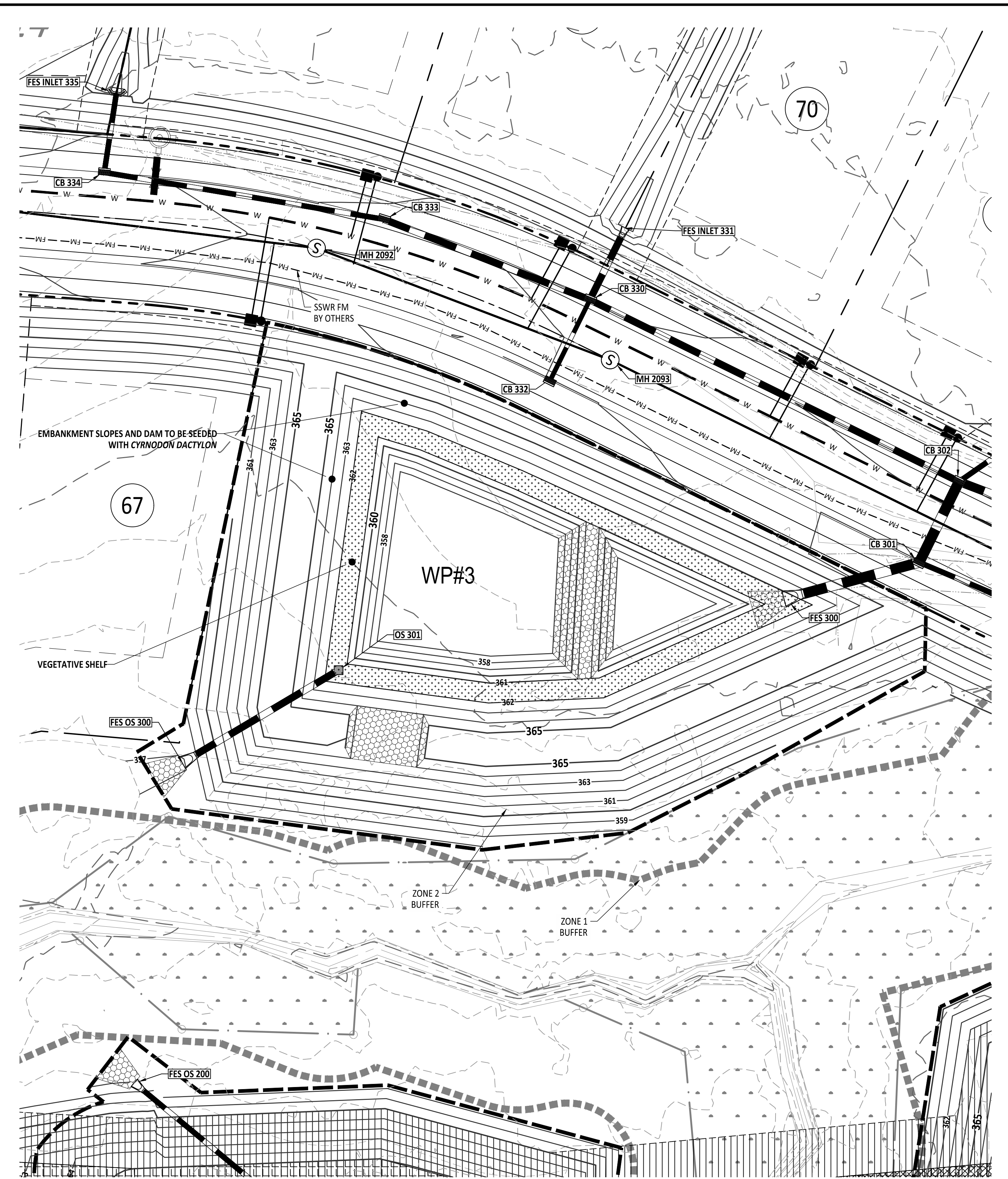
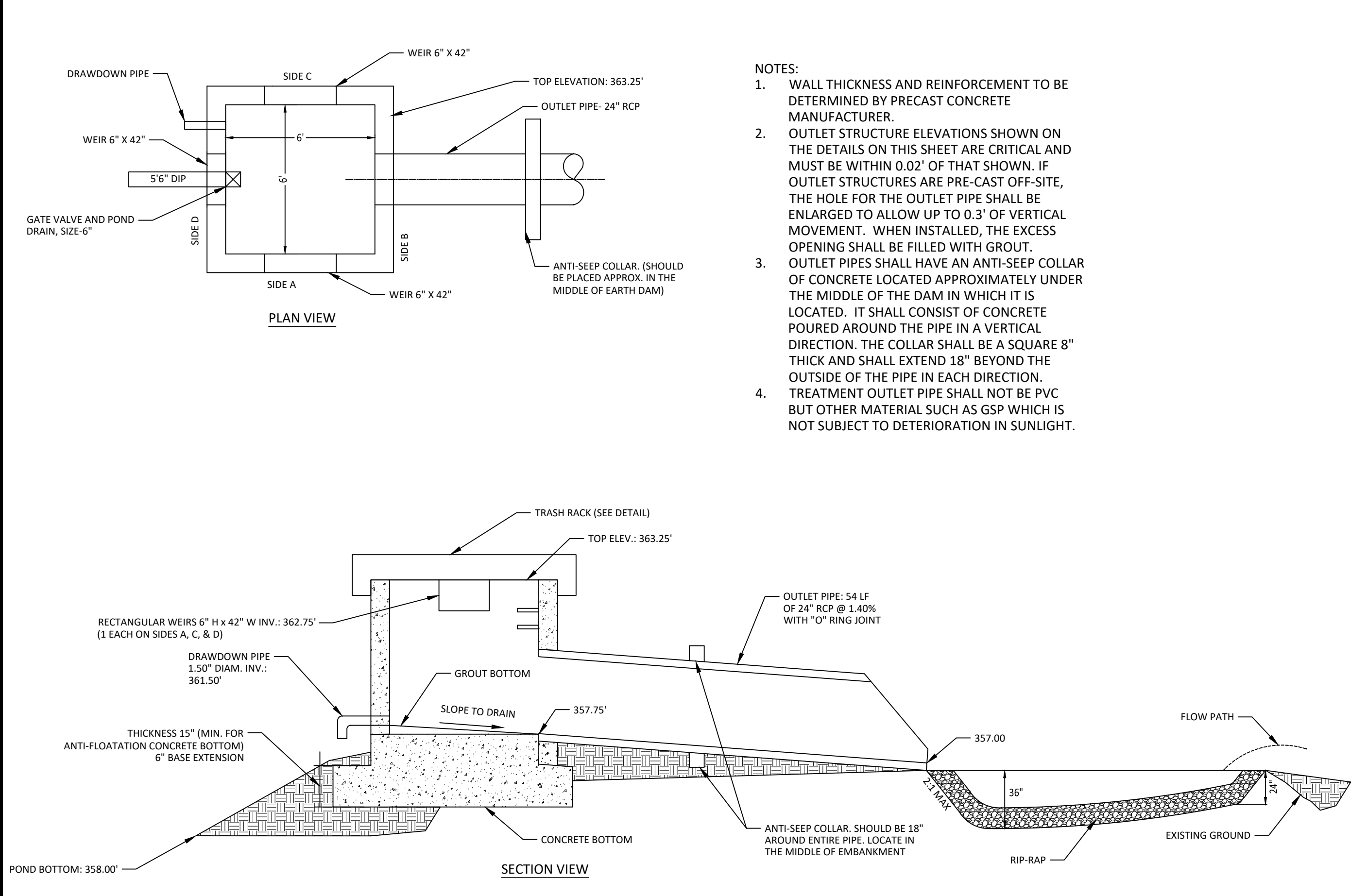
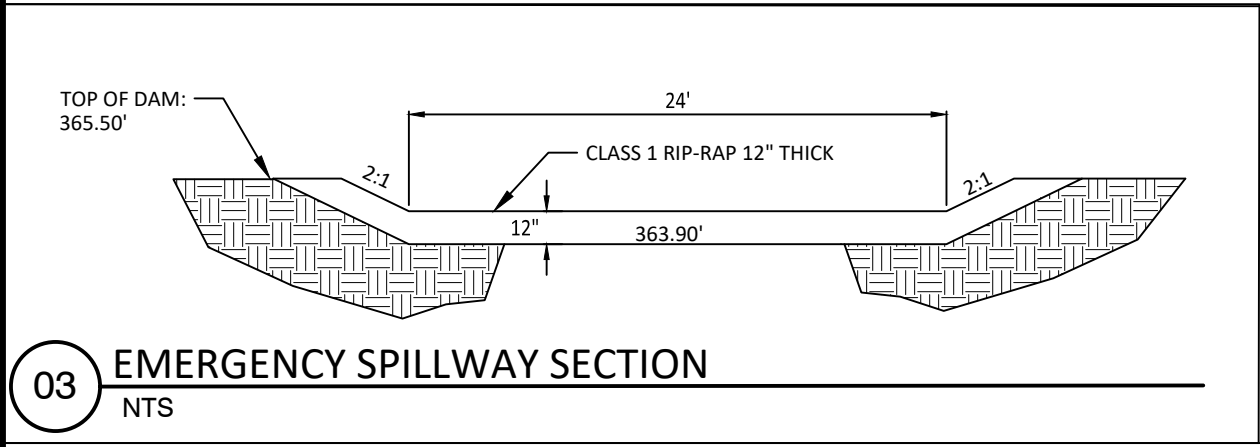
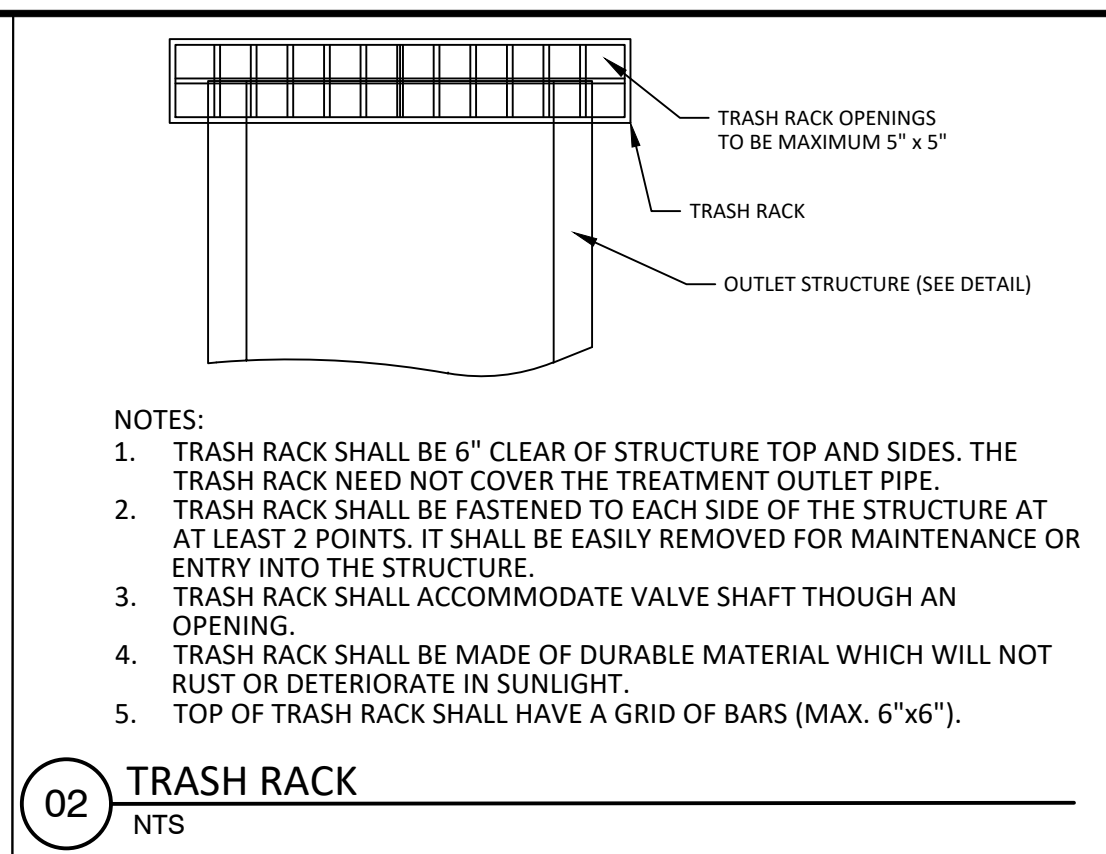
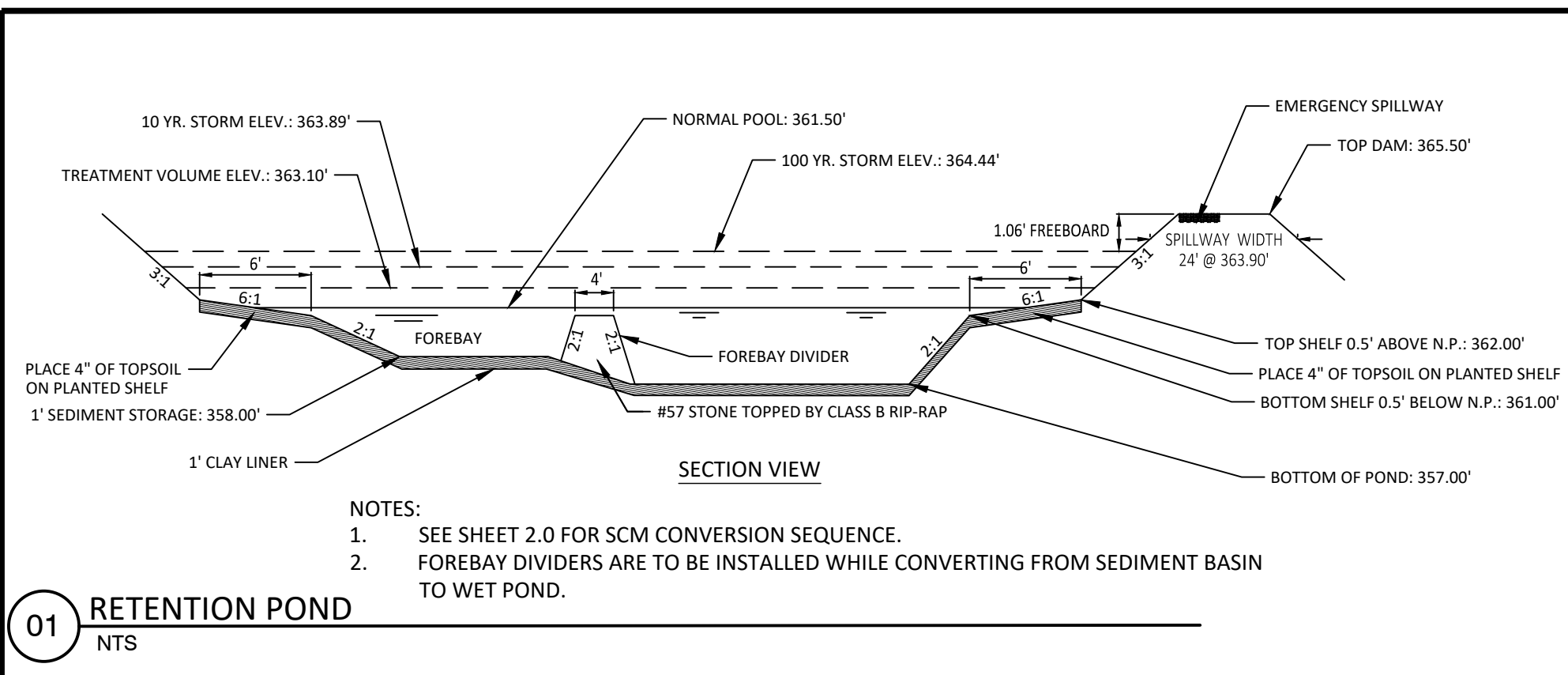
SCM 1 - Structure Table	
Structure Name	Details
CB 101	RIM = 373.98 INV IN = 368.140 INV OUT = 368.040
CB 102	RIM = 373.87 INV IN = 368.380 INV OUT = 368.280
CB 103	RIM = 375.04 INV IN = 370.080 INV IN = 370.180 INV OUT = 369.980
CB 104	RIM = 375.04 INV OUT = 370.320
CB 105	RIM = 382.57 INV IN = 377.420 INV IN = 378.229 INV OUT = 377.310
CB 106	RIM = 382.57 INV IN = 378.500 INV OUT = 378.399
CB 106A	RIM = 382.92 INV OUT = 378.530
CB 107	RIM = 390.04 INV OUT = 384.920
CB 111	RIM = 386.00 INV IN = 381.372 INV IN = 381.160 INV OUT = 381.060
CB 111A	RIM = 386.00 INV OUT = 381.190
CB 114	RIM = 387.03 INV IN = 382.550 INV OUT = 382.450
CB 115	RIM = 387.04 INV IN = 382.830 INV IN = 382.830 INV OUT = 382.730
CB 115A	RIM = 387.04 INV OUT = 382.860
CB 116	RIM = 387.89 INV IN = 382.930 INV OUT = 383.270
CB 116A	RIM = 387.94 INV OUT = 382.960
CB 121	RIM = 374.00 INV IN = 369.130 INV OUT = 369.030
CB 122	RIM = 374.04 INV IN = 369.820 INV OUT = 369.720
CB 123	RIM = 375.01 INV OUT = 370.510
DI 126	RIM = 366.50 INV OUT = 363.708
FES 100	RIM = 364.52 INV IN = 363.000
FES 110	RIM = 382.02 INV IN = 380.500
FES 120	RIM = 370.02 INV IN = 368.500
FES 125	RIM = 366.37 INV IN = 363.500

SCM 1 Outfall - Structure Table	
Structure Name	Details
FES OS 100	RIM = 361.33 INV IN = 359.000
OS 101	RIM = 363.49 INV OUT = 359.750

SCM 2 - Structure Table	
Structure Name	Details
FES 203	RIM = 363.29 INV IN = 361.499
YI 204	RIM = 366.00 INV OUT = 362.250

SCM 2 Outfall - Structure Table	
Structure Name	Details
FES OS 200	RIM = 358.79 INV IN = 357.000
OS 201	RIM = 361.43 INV OUT = 357.750

SCM 3 - Structure Table	
Structure Name	Details
CB 301	RIM = 366.14 INV IN = 361.310 INV IN = 361.303 INV OUT = 361.210
CB 302	RIM = 366.04 INV IN = 361.542 INV IN = 361.940 INV IN = 361.654 INV OUT = 361.440
CB 303	RIM = 366.75 INV OUT = 361.651
CB 304	RIM = 366.98 INV IN = 362.560 INV OUT = 362.311
CB 305	RIM = 368.93 INV OUT = 364.893
CB 306	RIM = 368.91 INV IN = 364.584 INV OUT = 363.987
CB 307	RIM = 367.04 INV IN = 362.910 INV OUT = 362.810
CB 308	RIM = 367.09 INV IN = 363.340 INV IN = 363.550 INV OUT = 363.050
CB 309	RIM = 370.04 INV IN = 365.150 INV IN = 365.800 INV OUT = 365.070
CB 311	RIM = 373.03 INV IN = 367.150 INV OUT = 367.050
CB 312	RIM = 374.74 INV IN = 369.430 INV IN = 369.942 INV IN = 369.936 INV OUT = 368.930
CB 313	RIM = 374.73 INV OUT = 370.122
CB 315	RIM = 375.97 INV IN = 370.260 INV IN = 371.198 INV OUT = 370.160
CB 317	RIM = 376.00 INV IN



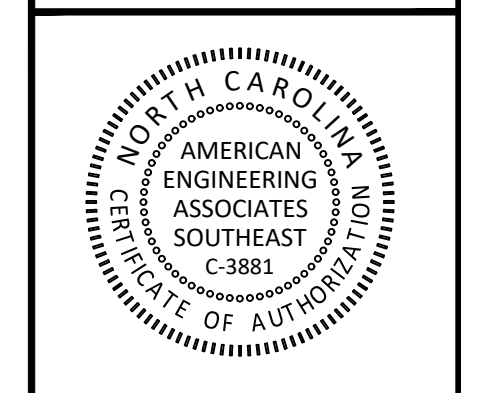
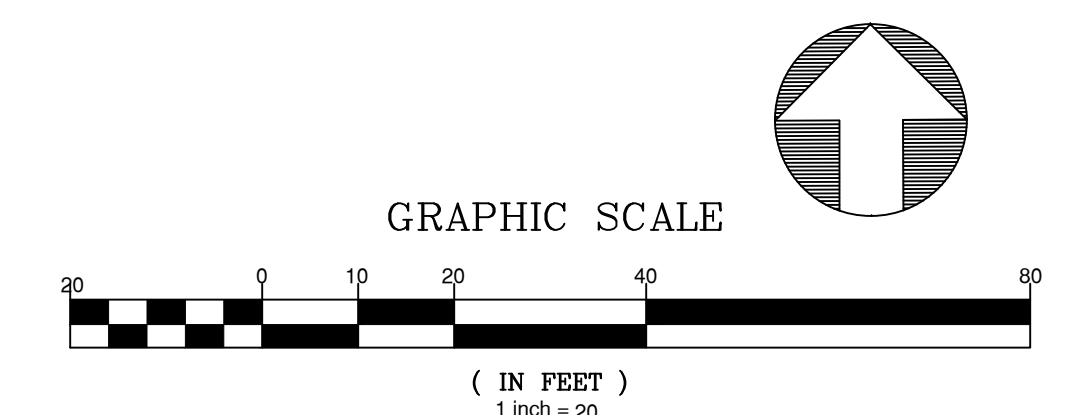
PLANT LIST VEGETATED SHELF PLANT SCHEDULE:

VEGETATED SHELF (HERB.)

EF EUPATORIUM FISTRULOSUM	JOE PYE WEED	4-6" POT @ 3' SPACING
HC HIBISCUS COCCINEA	SCARLET ROSE MALLOW	4-6" POT @ 3' SPACING
CG CHELONE GLABRA	WHITE TURTLEHEAD	4-6" POT @ 3' SPACING
LC LOBELIA CARDINALIS	CARDINAL FLOWER	4-6" POT @ 3' SPACING

LANDSCAPE PLAN:
VEGETATED SHELF= 2,109 sf (USE 528 PLANTS FROM LIST ABOVE)
USE EQUAL NUMBER OF PLANTS FROM LIST ABOVE

CALCULATION: 50 PLANTS PER 200 SF



NO.	DATE	REVISION:

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:
SCM 3
SHEET NO.: **C8.2**

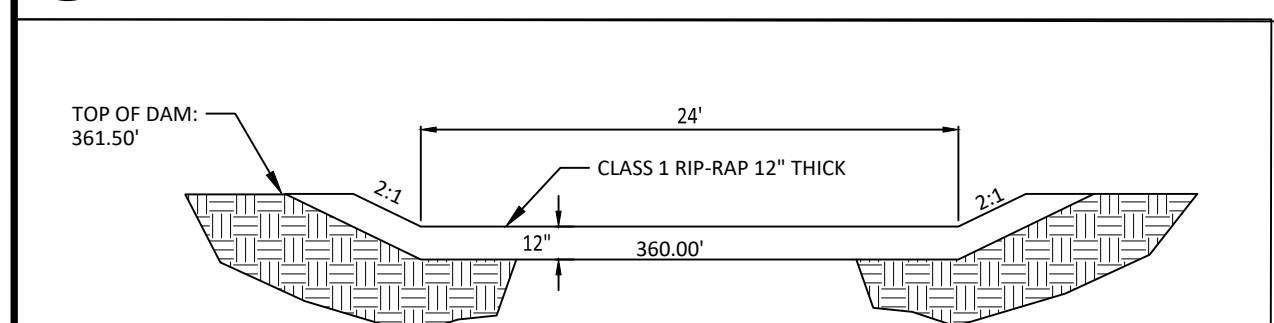
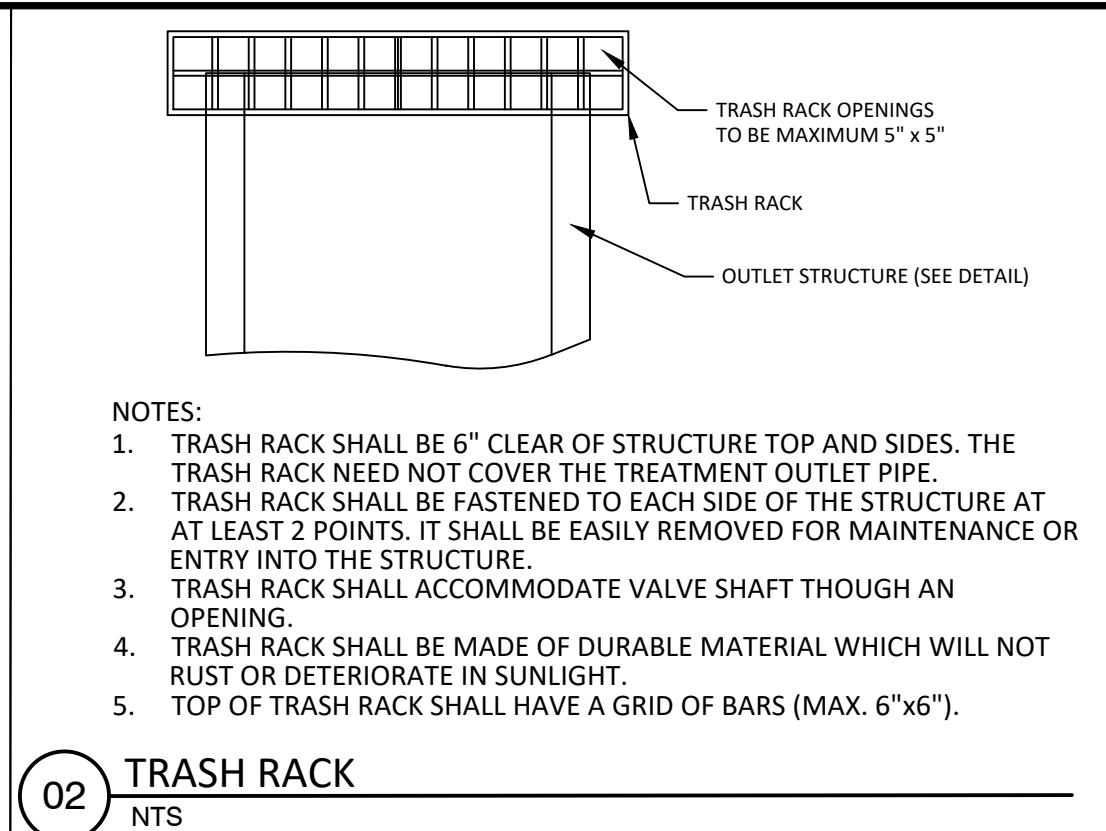
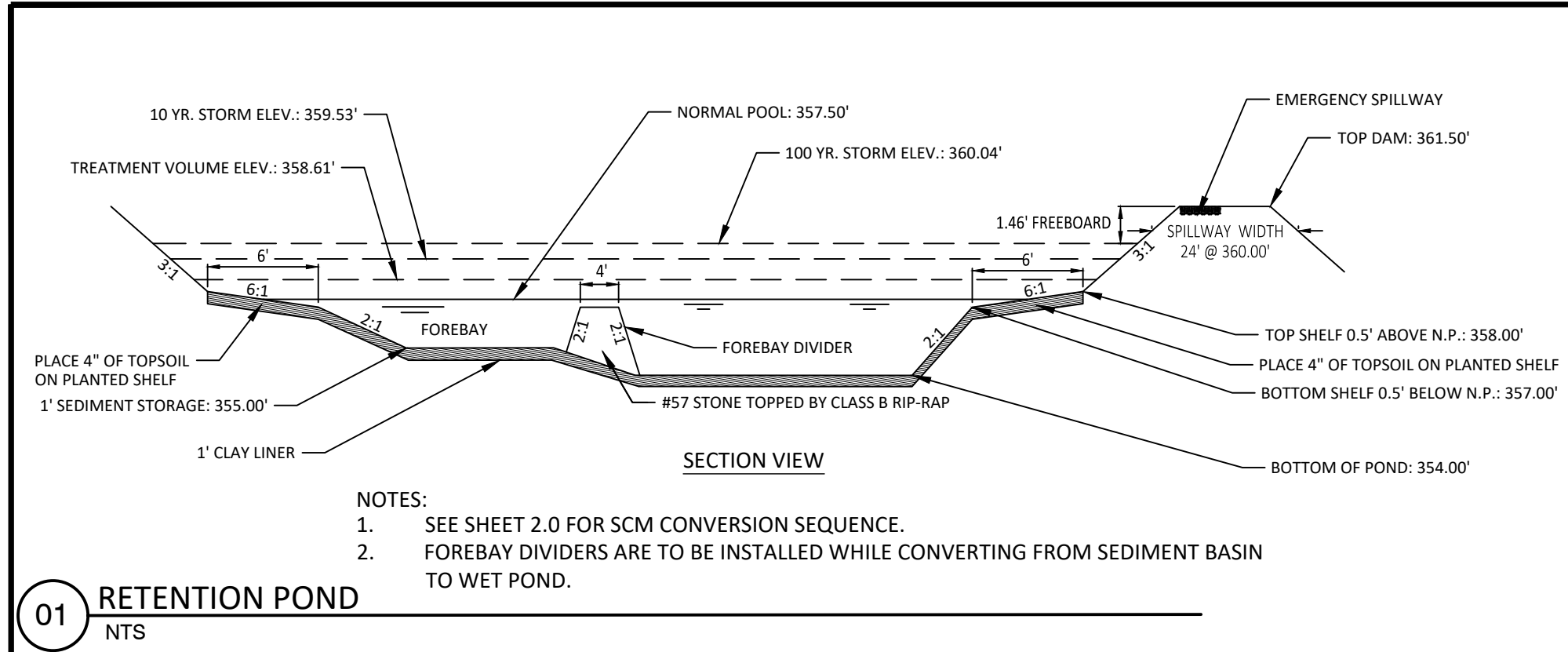
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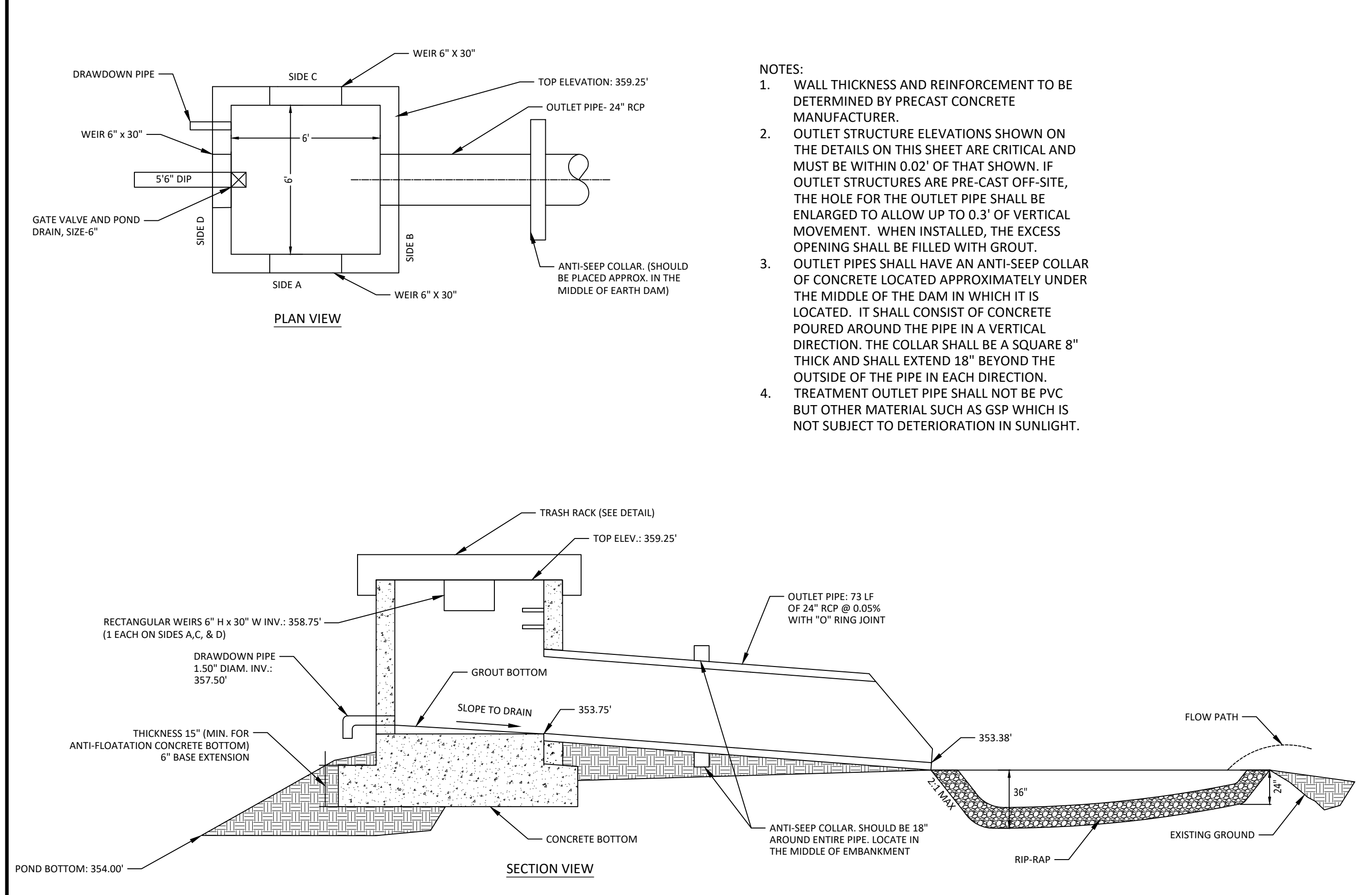
City of Raleigh Development Approval _____
Raleigh Water Review Officer



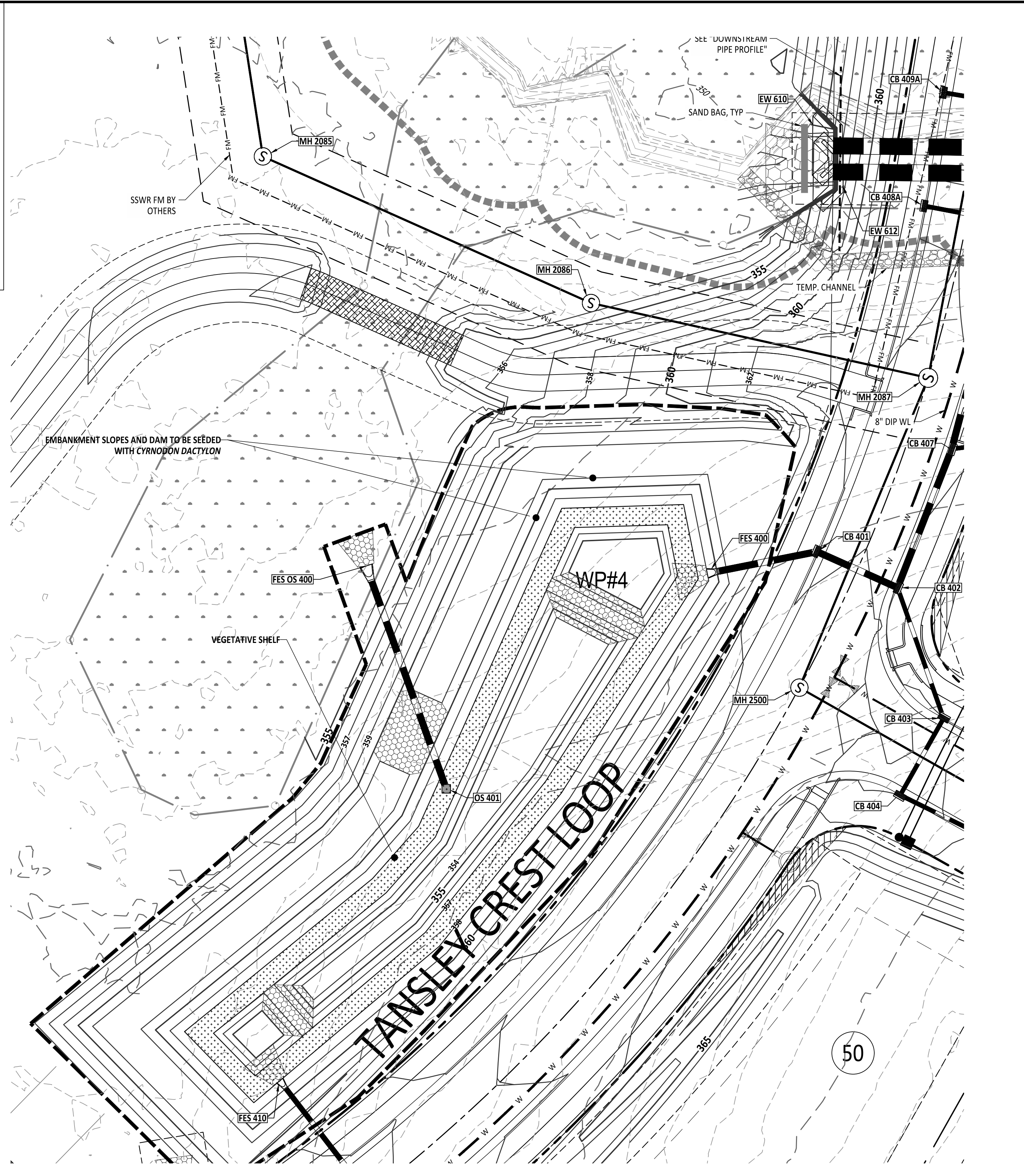
December 2, 2024
23/00/01-002/Moody/Moody Development Tract (B210002) (Plan, Working Draw/Construction Set) S:\B210002\Plan.dwg



03 EMERGENCY SPILLWAY SECTION
NTS



04 OUTLET STRUCTURE #1
NTS



PLANT LIST VEGETATED SHELF PLANT SCHEDULE:
VEGETATED SHELF (HERB.)
EF EUPATORIUM FISTRULOSUM JOE PYE WEED 4-6" POT @ 3' SPACING
HC HIBISCUS COCCINEA SCARLET ROSE MALLOW 4-6" POT @ 3' SPACING
CG CHELONE GLABRA WHITE TURTLEHEAD 4-6" POT @ 3' SPACING
LC LOBELIA CARDINALIS CARDINAL FLOWER 4-6" POT @ 3' SPACING

LANDSCAPE PLAN:
VEGETATED SHELF= 2,890 SF (USE 723 PLANTS FROM LIST ABOVE)
USE EQUAL NUMBER OF PLANTS FROM LIST ABOVE
CALCULATION: 50 PLANTS PER 200 SF

GRAPHIC SCALE
0 10 20 40 60
(IN FEET)
1 inch = 20'

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

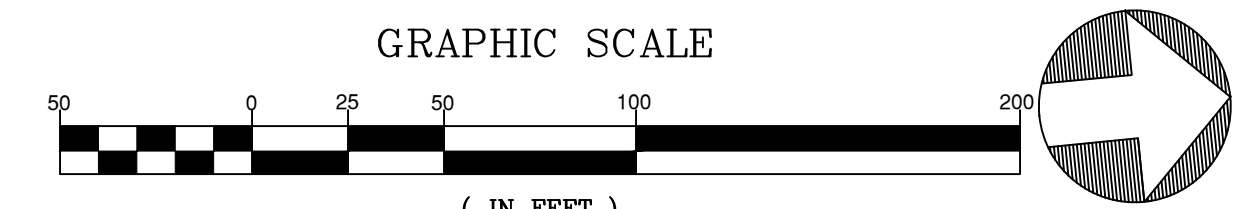
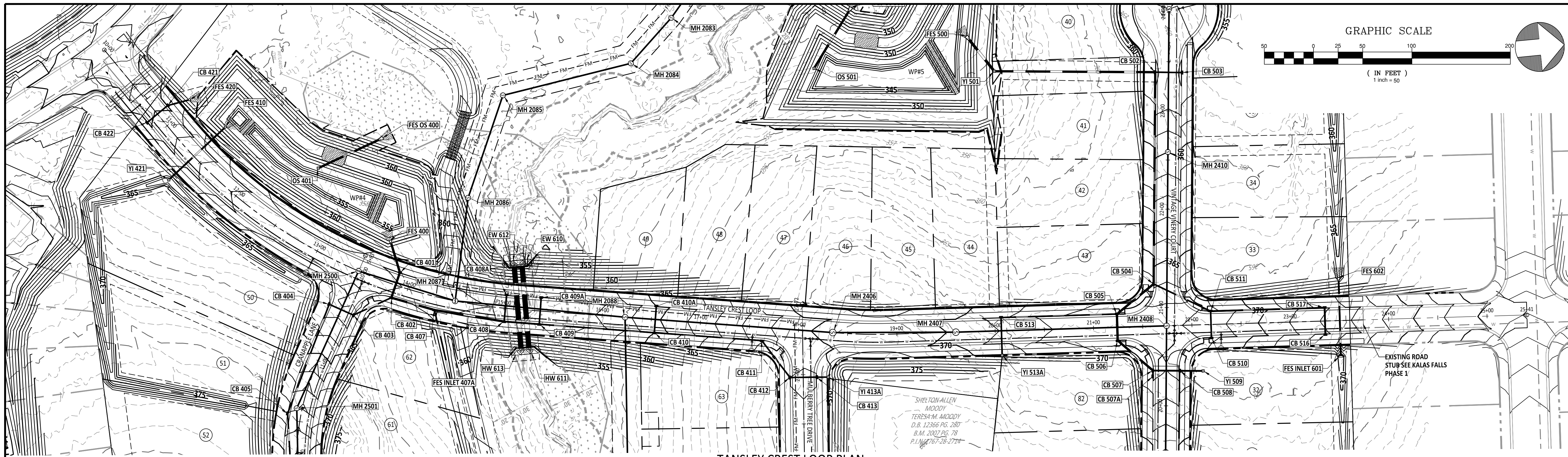
JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:

SCM 4
SHEET NO.: C8.3

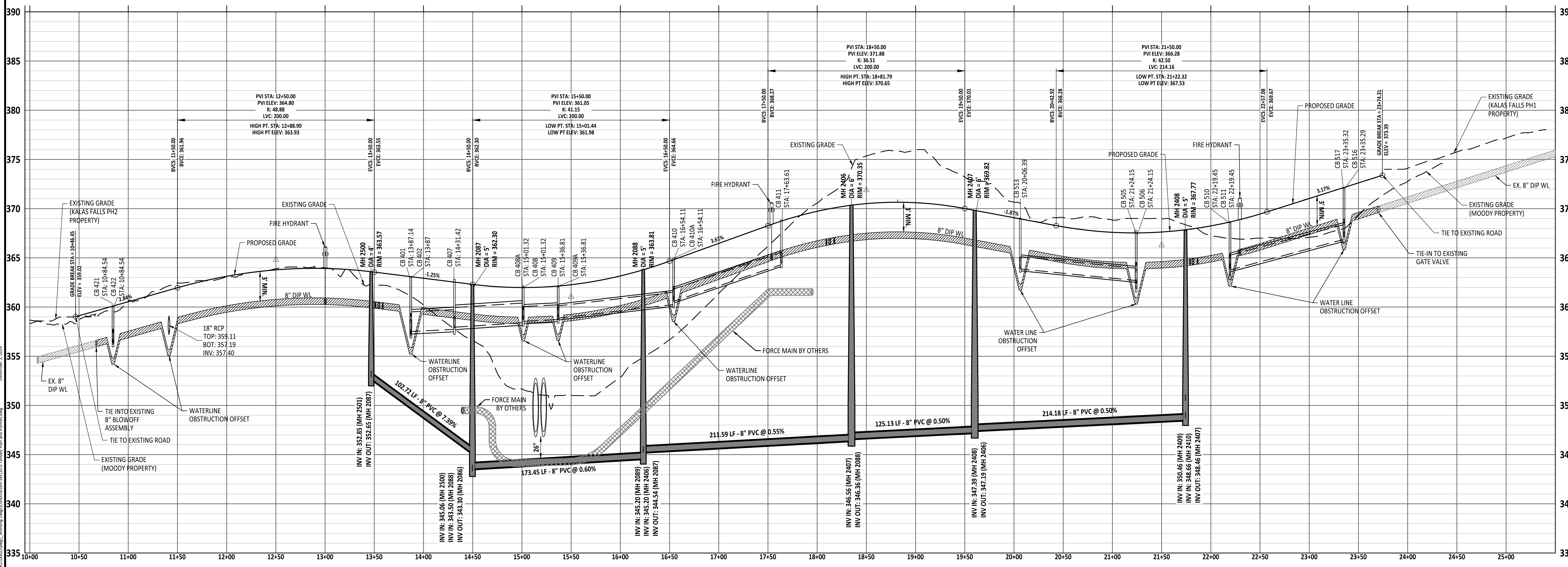
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Raleigh Water Review Officer



December 2, 2024
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TANSLY CREST LOOP PLAN



TANSLY CREST LOOP PROFILE

AMERICAN
Engineering
American Engineering Associates - Southeast, P.A.
4020 Westchase Boulevard, Suite 450
Raleigh, NC 27607
919-469-1101



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WAKE COUNTY, NC

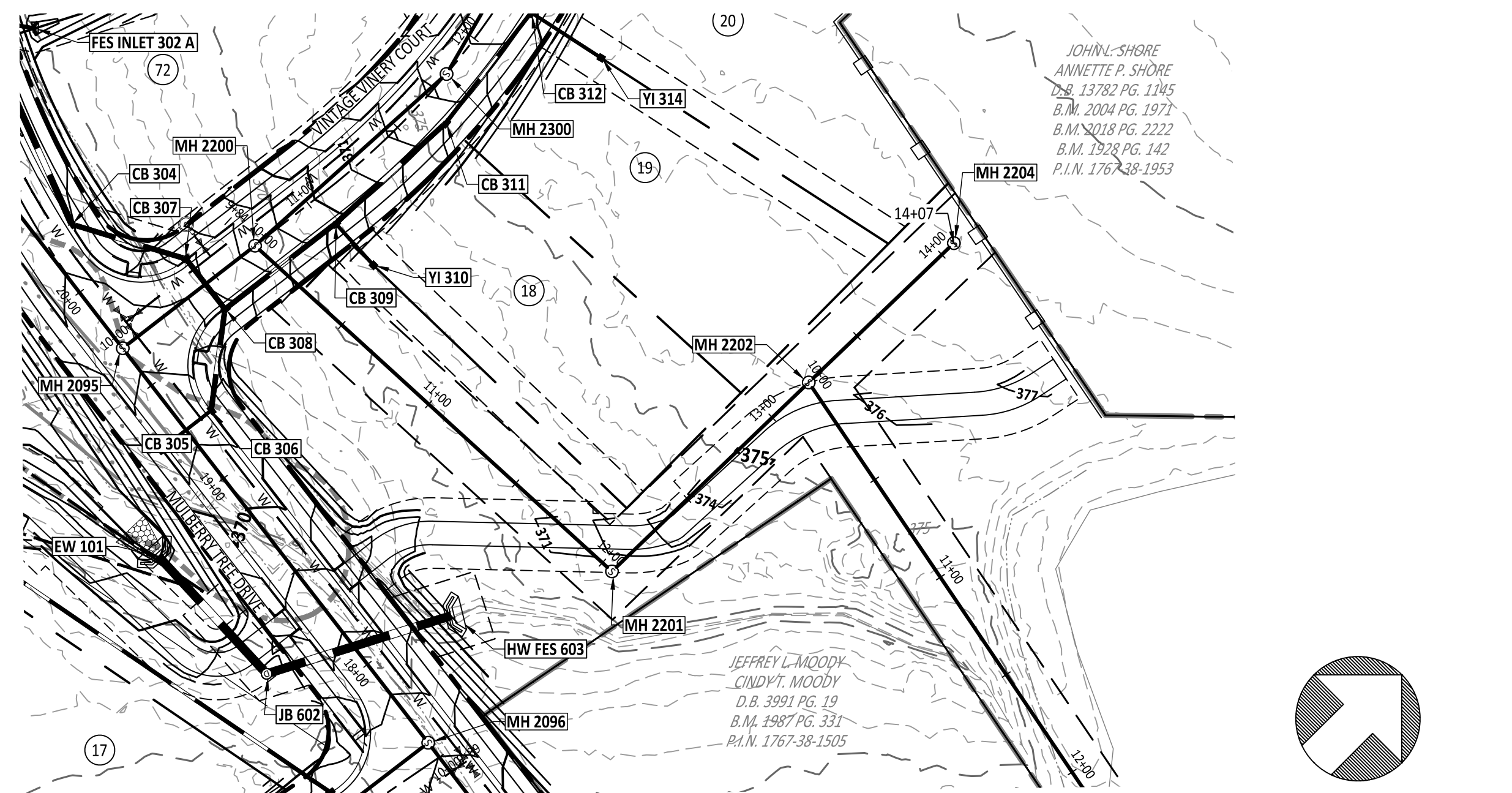
JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:
TANSLY CREST LOOP PLAN AND PROFILE

SHEET NO.:
C10.0

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Raleigh Water Review Officer _____

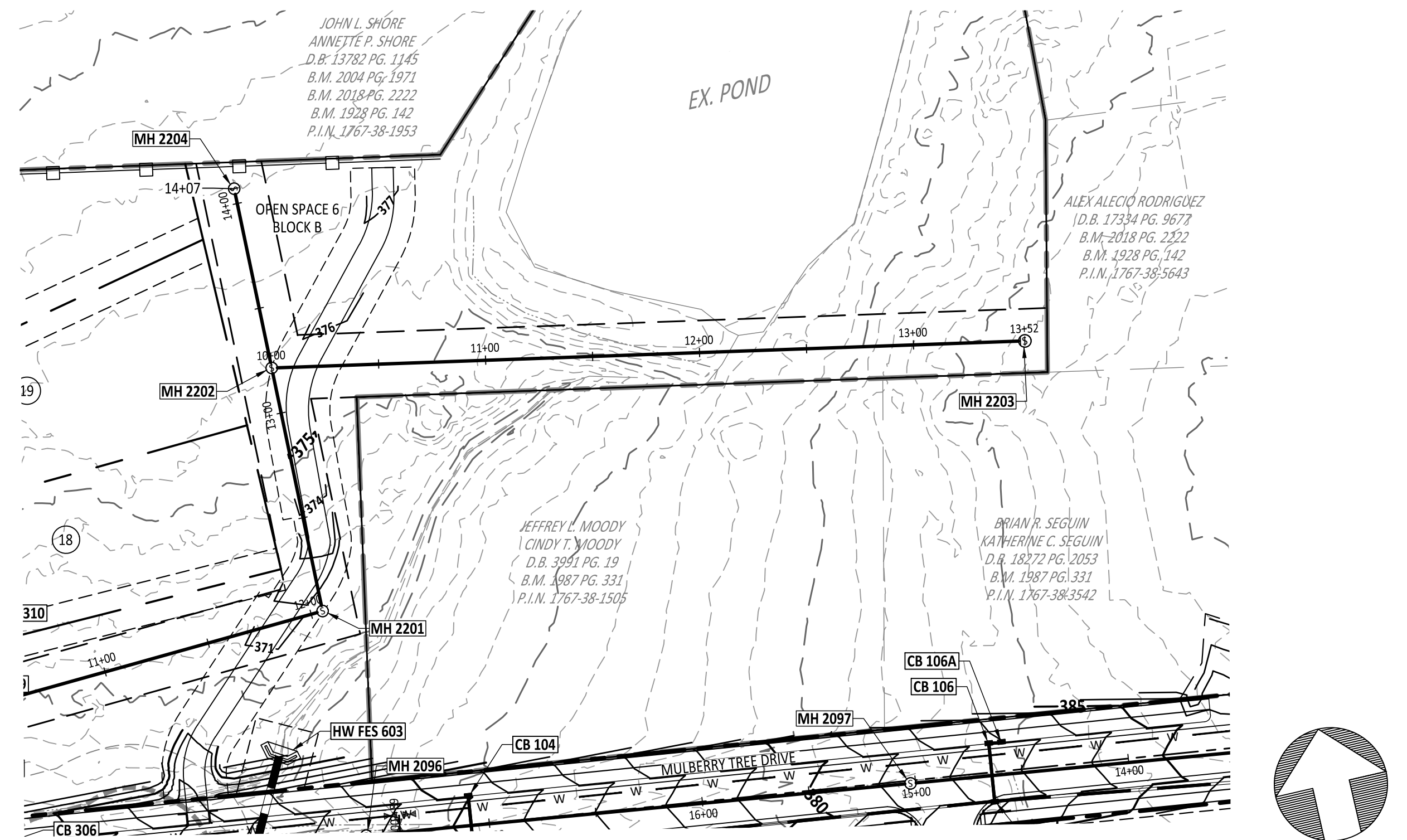
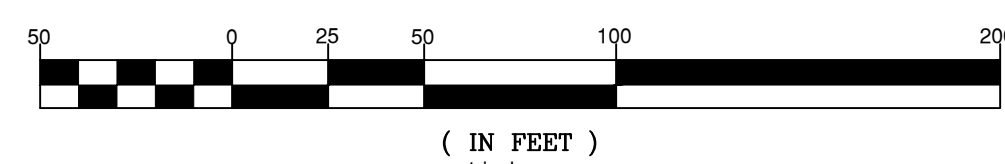


2/28/2024 10:02 AM Moody Development Tract (B21000002) (Rev. 12/2023) Tansley Plan and Profile.dwg December 2, 2024



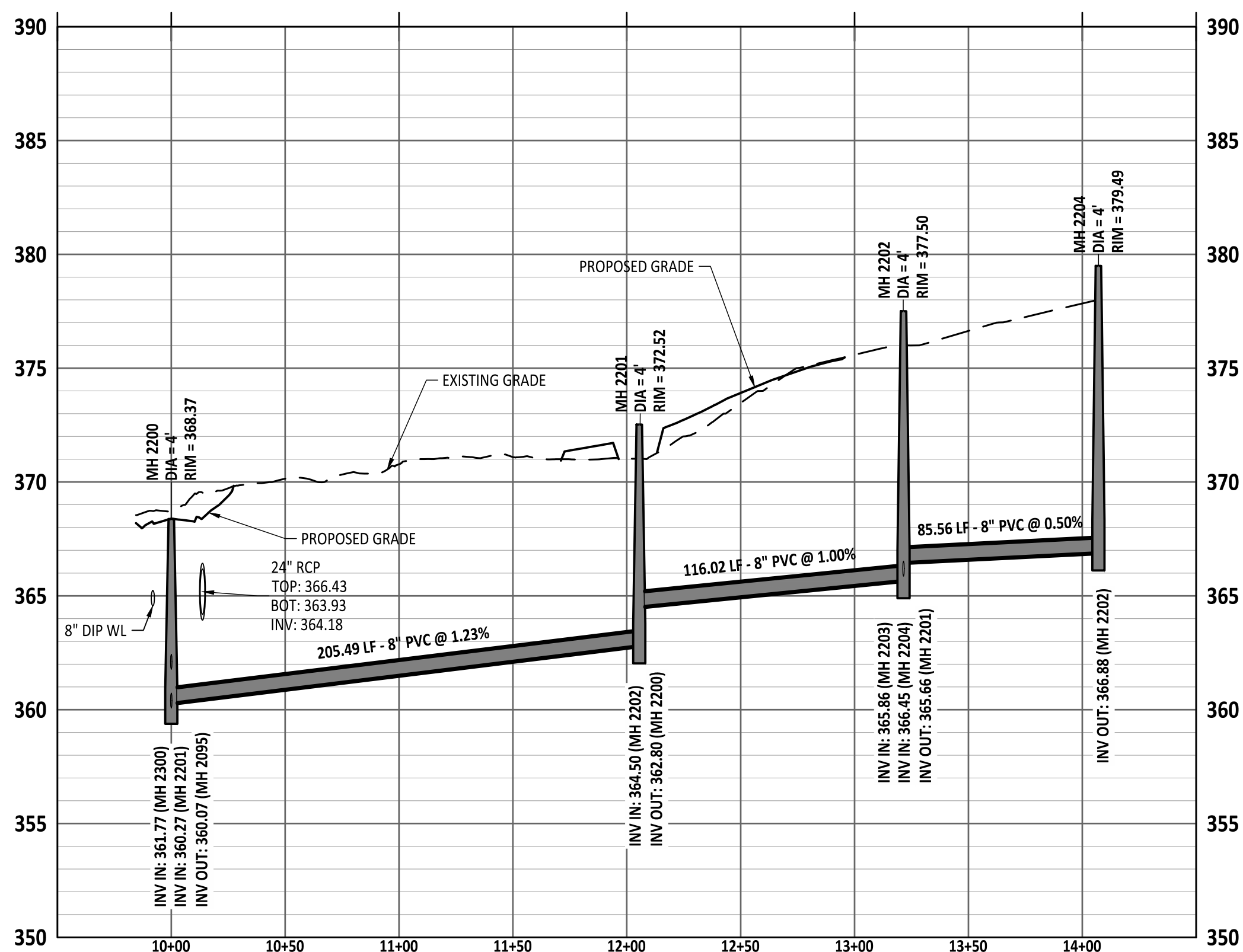
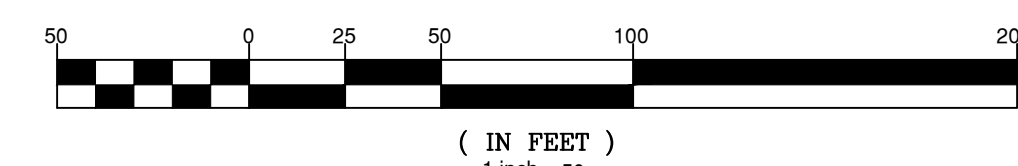
SEWER OUTFALL (A) AT VINTAGE VINERY COURT PLAN

GRAPHIC SCALE

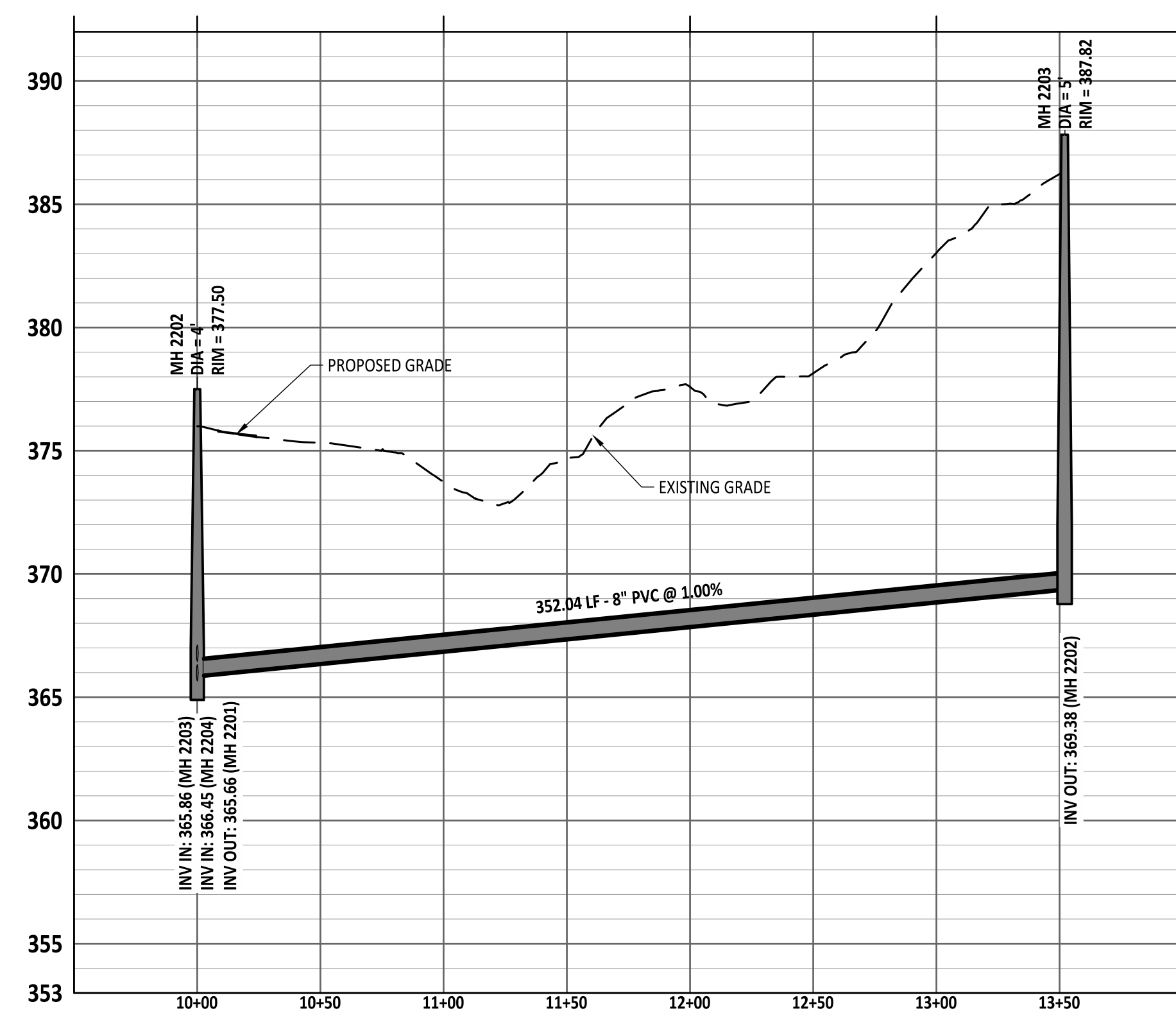


SEWER OUTFALL (B) AT VINTAGE VINERY COURT PLAN

GRAPHIC SCALE



SEWER OUTFALL (A) AT VINTAGE VINERY COURT PROFILE



SEWER OUTFALL (B) AT VINTAGE VINERY COURT PROFILE

NO.	DATE	REVISION

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

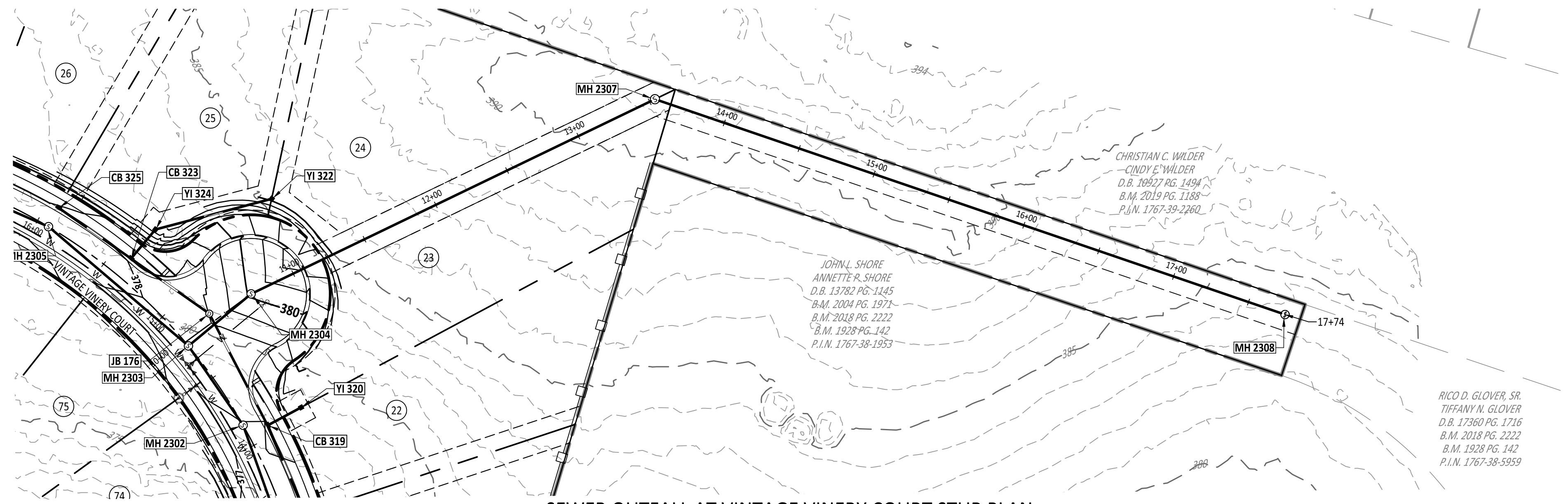
JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:

SEWER OUTFALL
SHEET NO.: **C13.0**

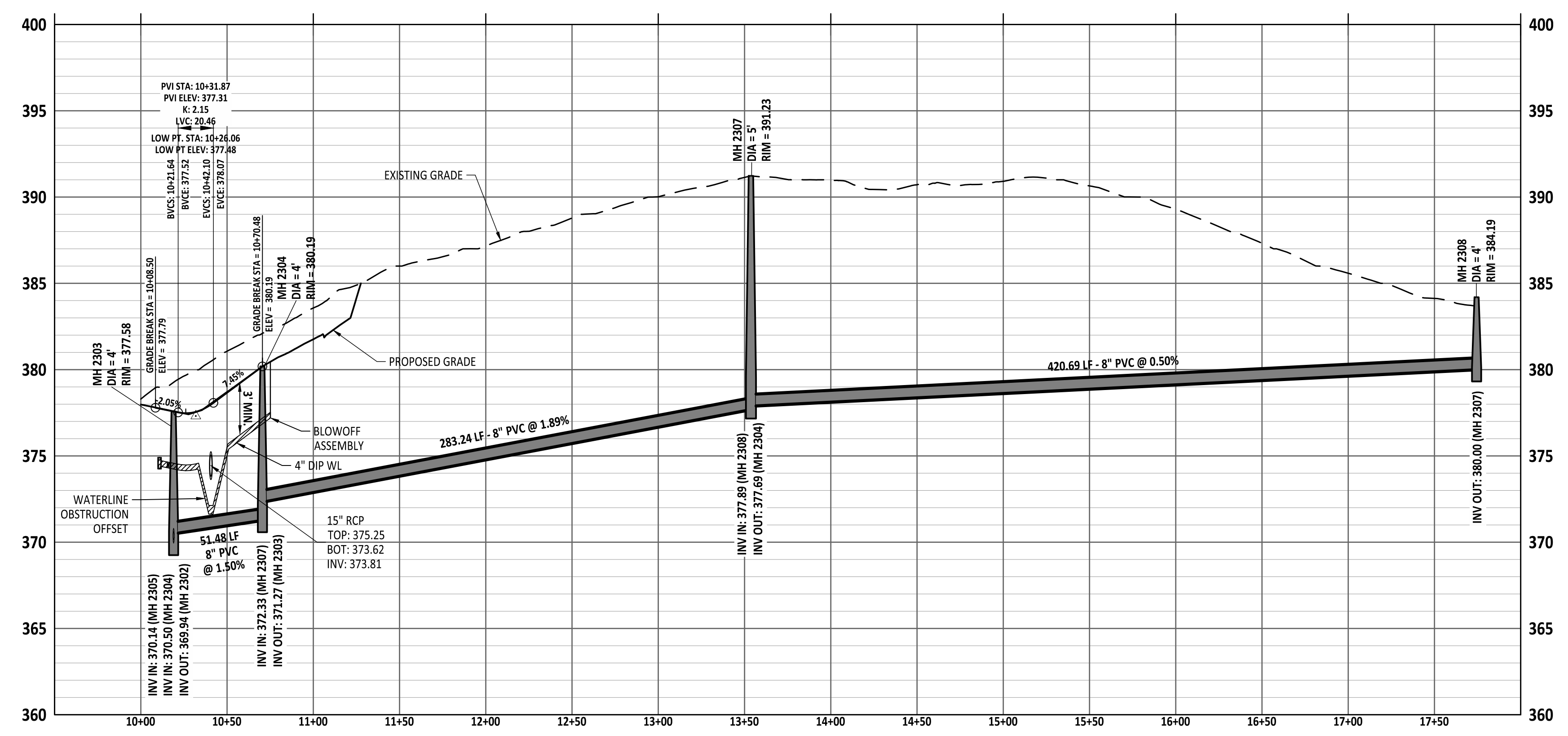
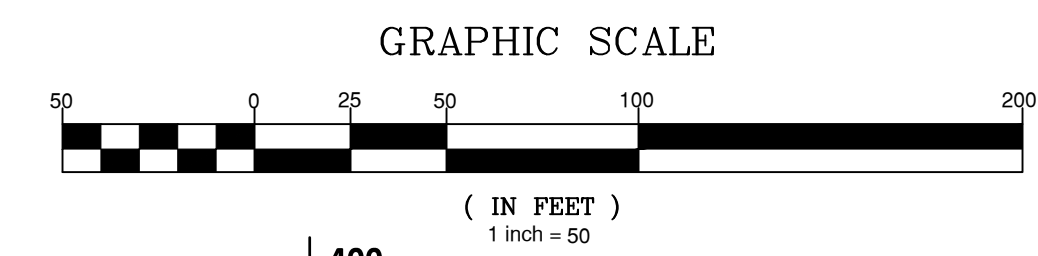
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Raleigh Water Review Officer



Z:\web\11_002_Moody_Development\Trac\B2100003\Draw\Working\Draw\Construction\Set\13.0 Sewer Outfall Plans and Profile.dwg December 2, 2024



SEWER OUTFALL AT VINTAGE VINERY COURT STUB PLAN



SEWER OUTFALL AT VINTAGE VINERY COURT STUB PROFILE

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**THE PRESERVE
AT
MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC**

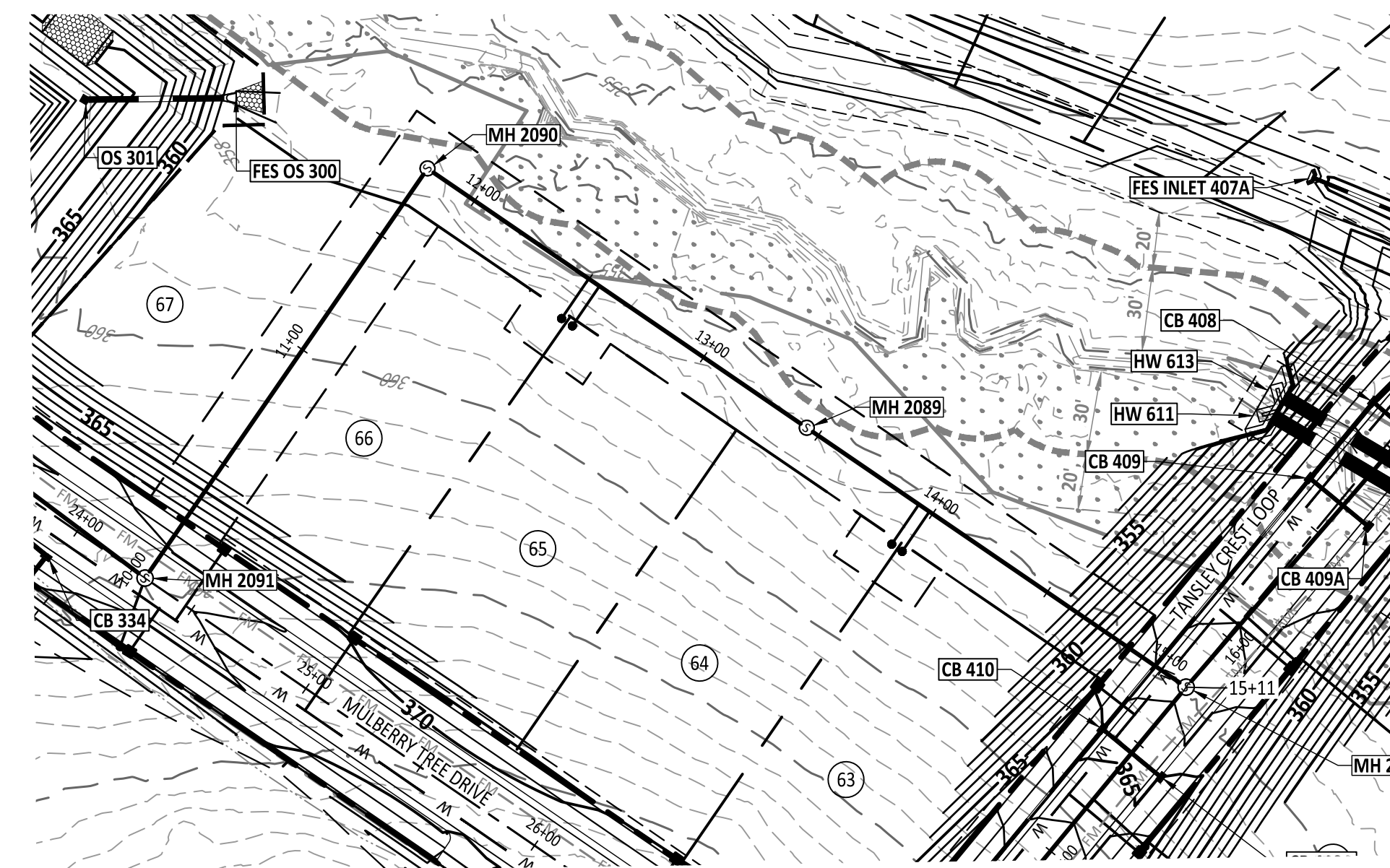
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CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024

SHEET TITLE:
SEWER OUTFALL

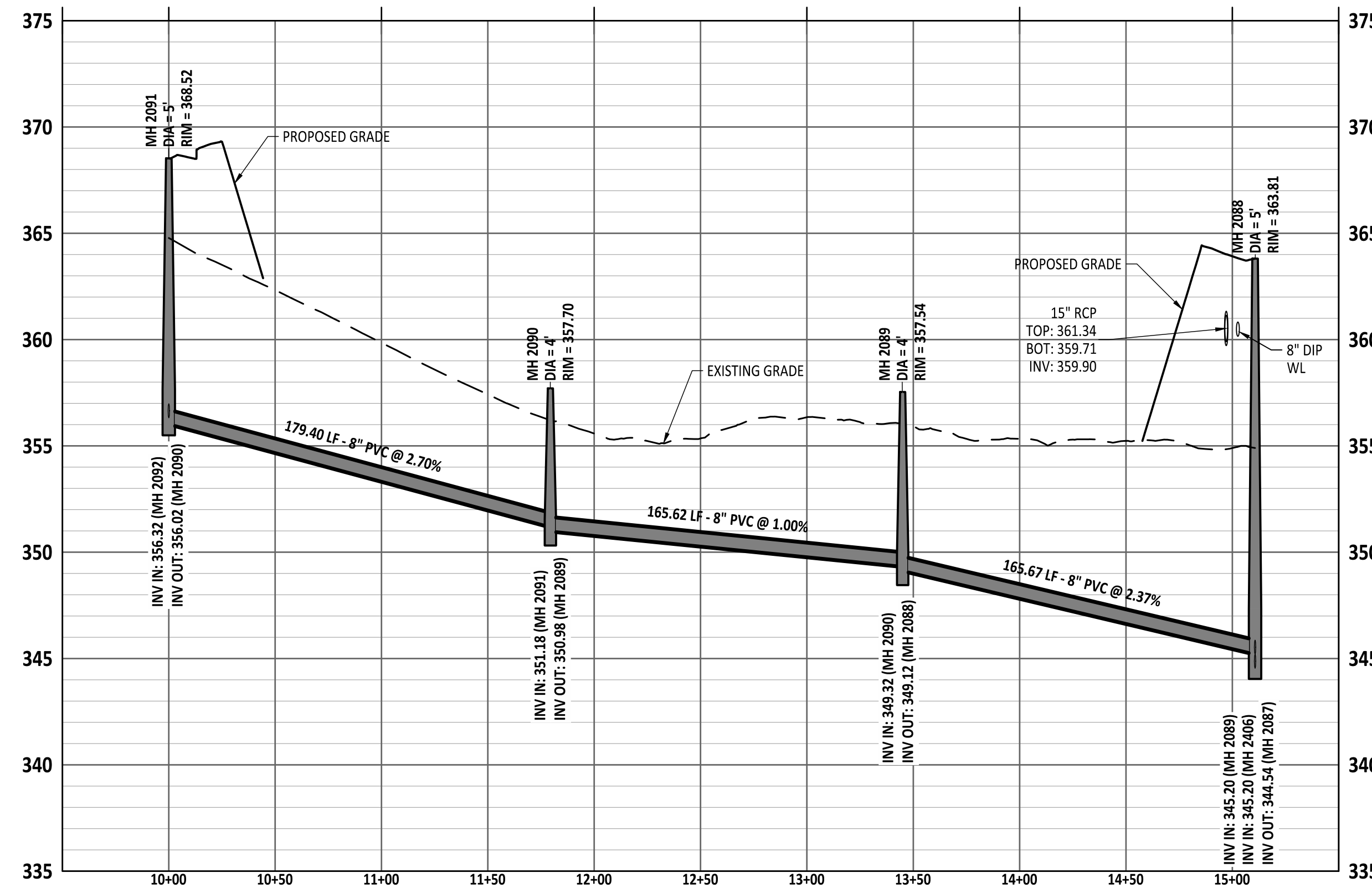
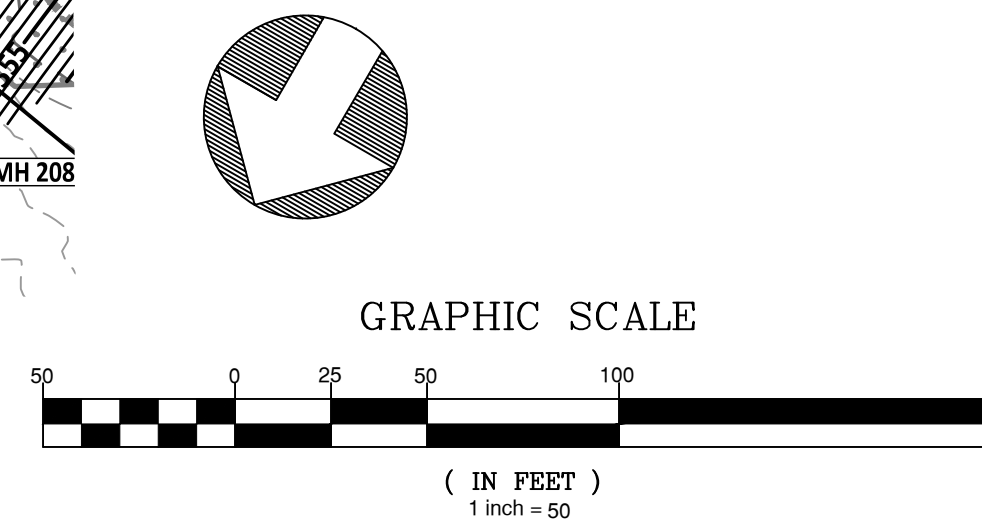
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Raleigh Water Review Officer





SEWER OUTFALL AT MULBERRY AND TANSLEY PLAN



SEWER OUTFALL AT MULBERRY AND TANSLEY PROFILE

NO.	DATE	REVISION

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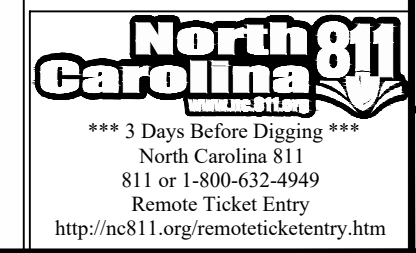
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MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

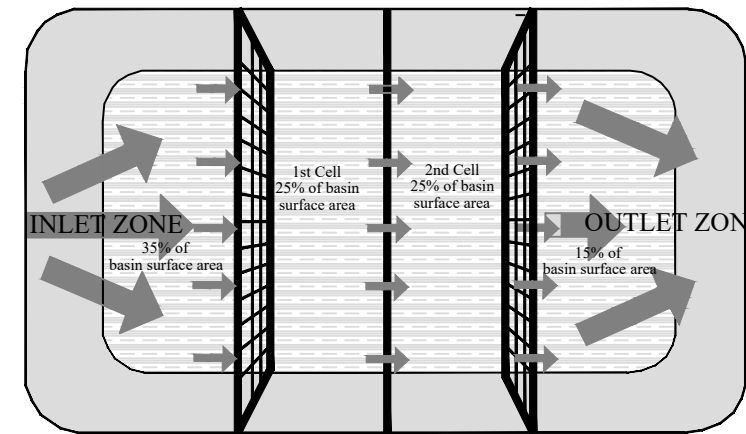
JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:

SEWER OUTFALL

SHEET NO.:
C13.2

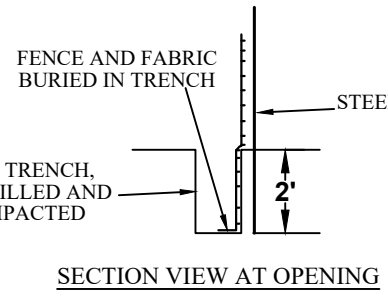
CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION
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City of Raleigh Development Approval _____
Raleigh Water Review Officer



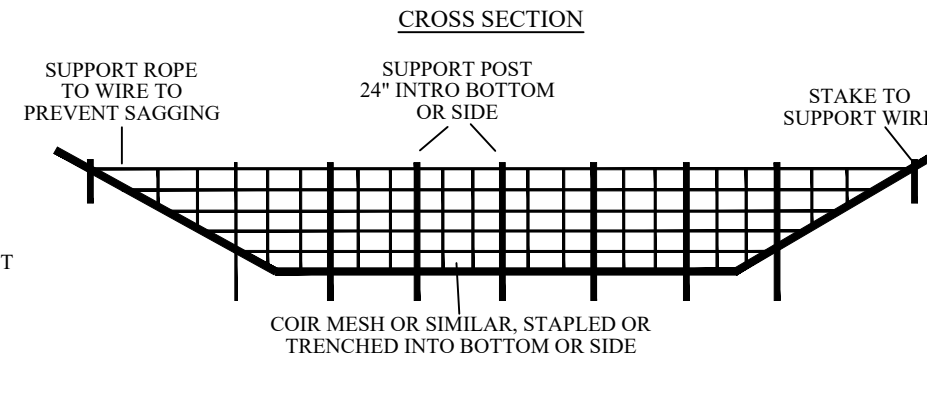


- NOTES:
1. BAFFLE MATERIAL SHOULD BE SECURED AT THE BOTTOM AND SIDES USING STAPLES OR BY TRENCHING AS FOR SILT FENCE.
 2. MOST OF THE SEDIMENT WILL ACCUMULATE IN THE 1ST BAY, WHICH SHOULD BE READILY ACCESSIBLE FOR MAINTENANCE.
 3. PROVIDE 3 BAFFLES (USE TWO IF LESS THAN 20 FEET IN LENGTH). PROVIDE 5 BAFFLES FOR DRAINAGE AREAS GREATER THAN 10 ACRES.
 4. BAFFLES SHALL BE 700 G/M² COIR EROSION BLANKET.
 5. TOPS OF BAFFLES SHOULD BE 2 INCHES LOWER THAN THE TOP OF THE BERMS.
 6. INSPECT BAFFLES FOR REPAIR ONCE A WEEK AND AFTER EACH RAINFALL.

PLAN VIEW



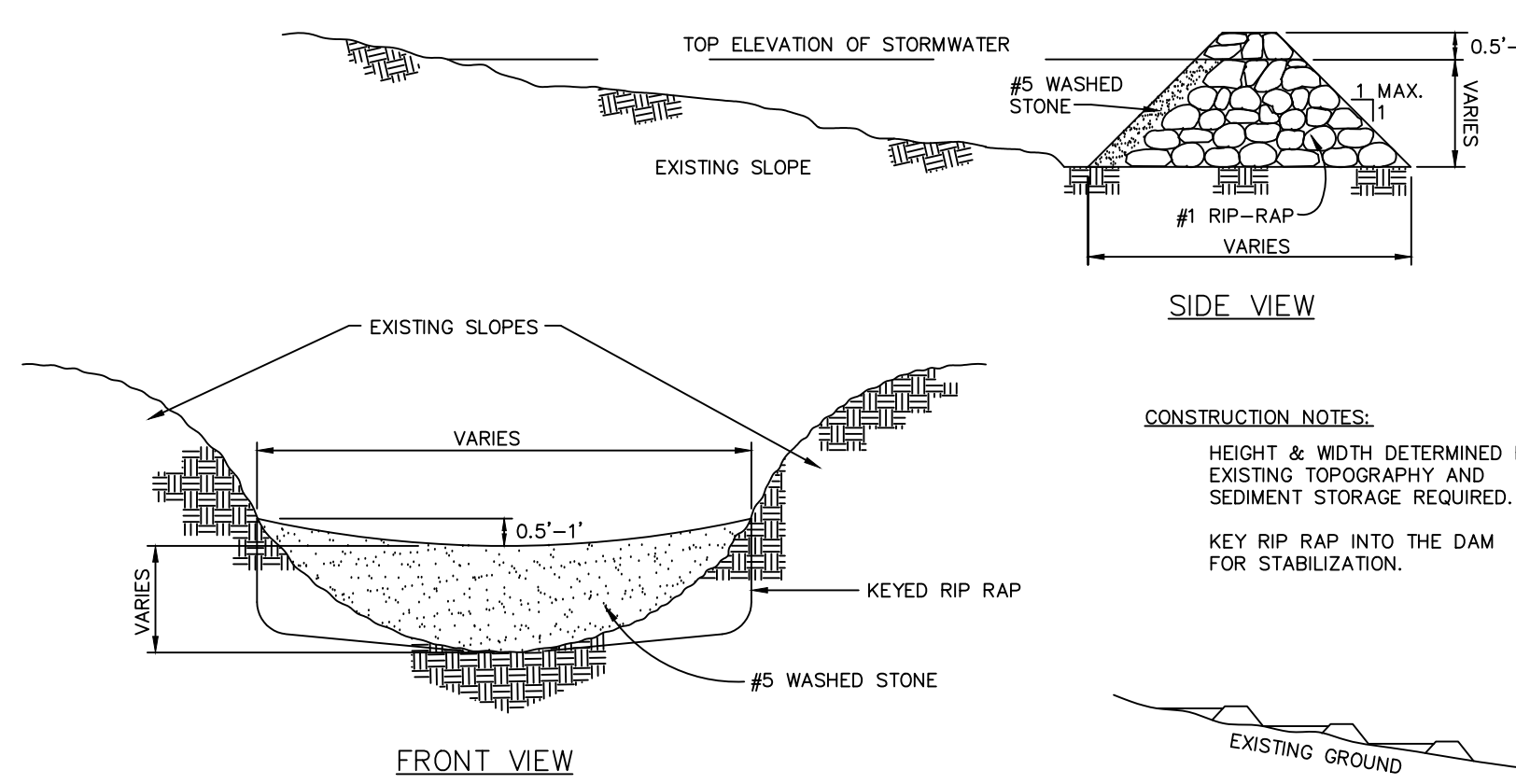
SECTION VIEW AT OPENING



STANDARD BAFFLES DETAIL



EFFECTIVE: 01/31/08



- CONSTRUCTION NOTES:
- HEIGHT & WIDTH DETERMINED BY EXISTING TOPOGRAPHY AND SEDIMENT STORAGE REQUIRED.
 - KEY RIP RAP INTO THE DAM FOR STABILIZATION.

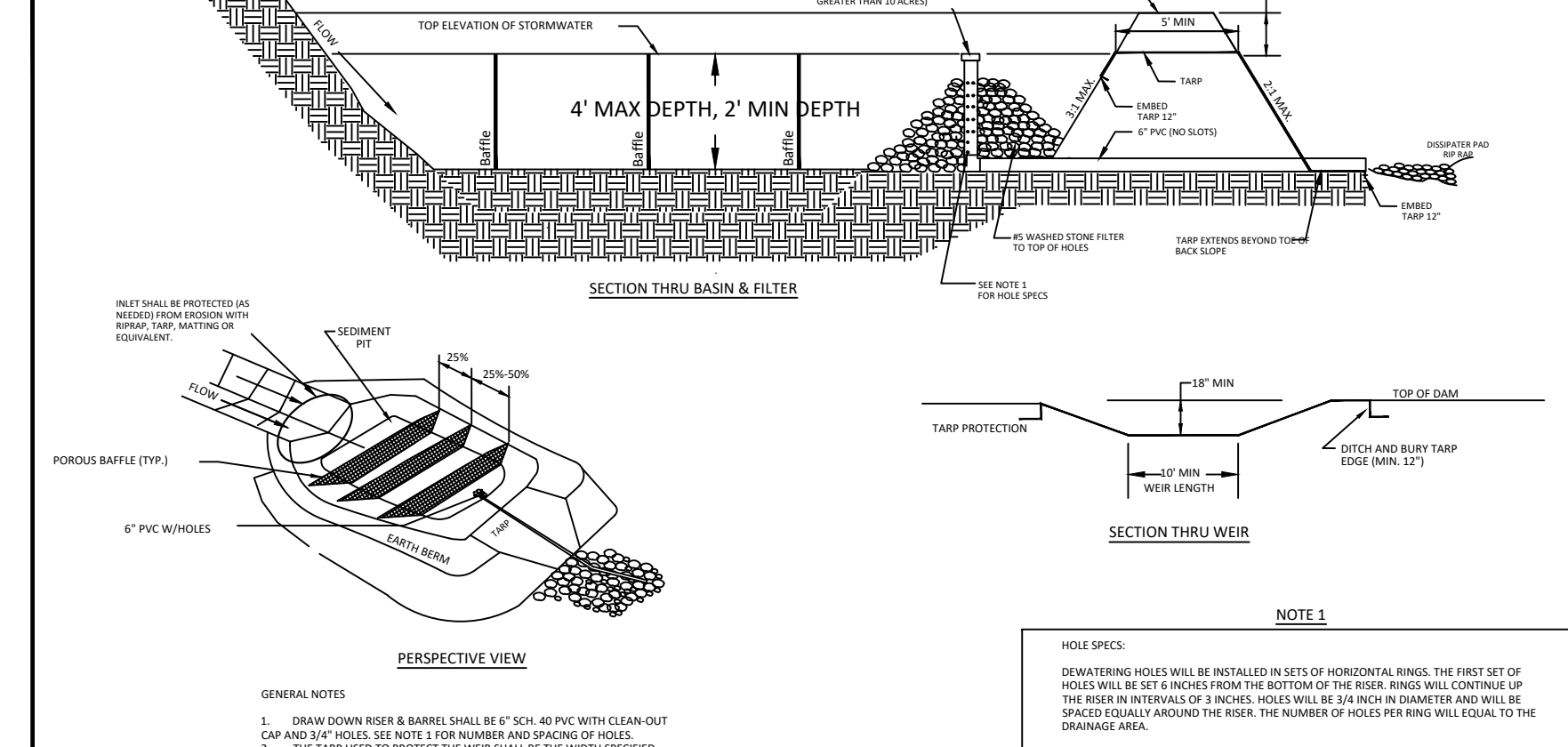
FRONT VIEW

STEP SEQUENCE

NOTE: REMOVE SEDIMENT ACCUMULATION FROM BEHIND CHECK DAMS TO PREVENT DAMAGE TO CHANNEL VEGETATION. FLOW SHOULD BE MAINTAINED THROUGH THE DAM.



EFFECTIVE: 01/31/08



PERSPECTIVE VIEW

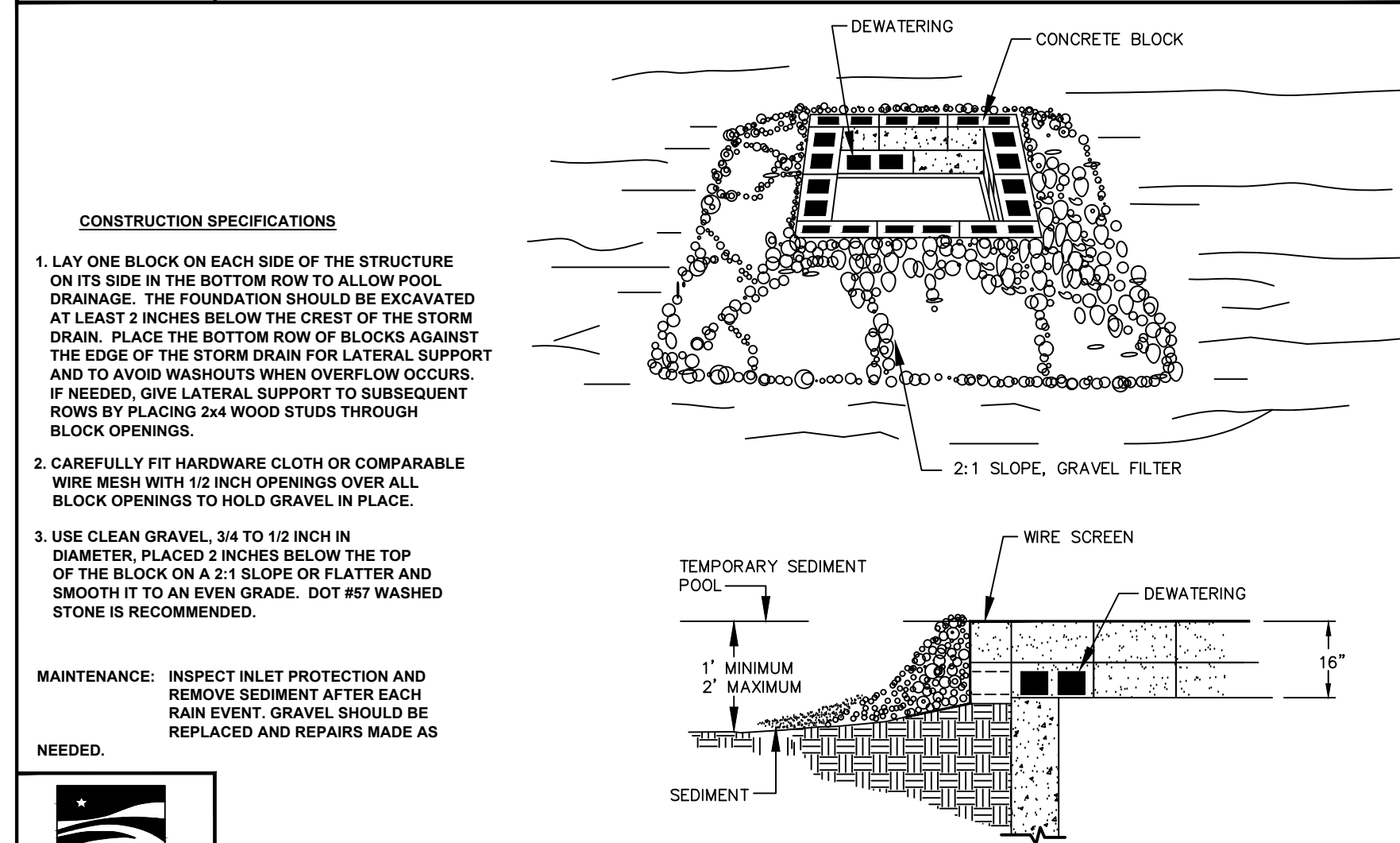
GENERAL NOTES:

1. DRAW DOWN BASIN & BARREL SHALL BE 6" SCH. 40 PVC WITH CLEAN-OUT CAP AND 6" HOLES SEE NOTES FOR NUMBER AND SPACING OF HOLES.
2. THE TAMP USED TO PROTECT THE WEIR SHALL BE THE WIDTH SPECIFIED. THE LENGTH OF THE TAMP SHALL BE ACCORDING TO DRAINAGE CAPACITY.
3. THE TAMP SHALL BE 12" HIGH WITH 1/2" RADIUS ON THE CORNERS. THE TAMP SHALL BE 12" WIDE AT THE TOP AND 12" WIDE AT THE BOTTOM. THE TAMP SHALL BE 12" LONG. THE TAMP SHALL BE 12" WIDE AT THE TOP AND 12" WIDE AT THE BOTTOM. THE TAMP SHALL BE 12" LONG. THE TAMP SHALL BE 12" WIDE AT THE TOP AND 12" WIDE AT THE BOTTOM. THE TAMP SHALL BE 12" LONG.
4. MAINTENANCE: SEDIMENT TO BE REMOVED AND PROPERLY DISPOSED OF WHEN BASIN IS HALF FULL. GRAVEL FILTER AROUND RISER SHOULD BE REPLACED AS NEEDED TO MAINTAIN FLOW.

STANDARD CUSTOM BASIN



EFFECTIVE: 01/31/08



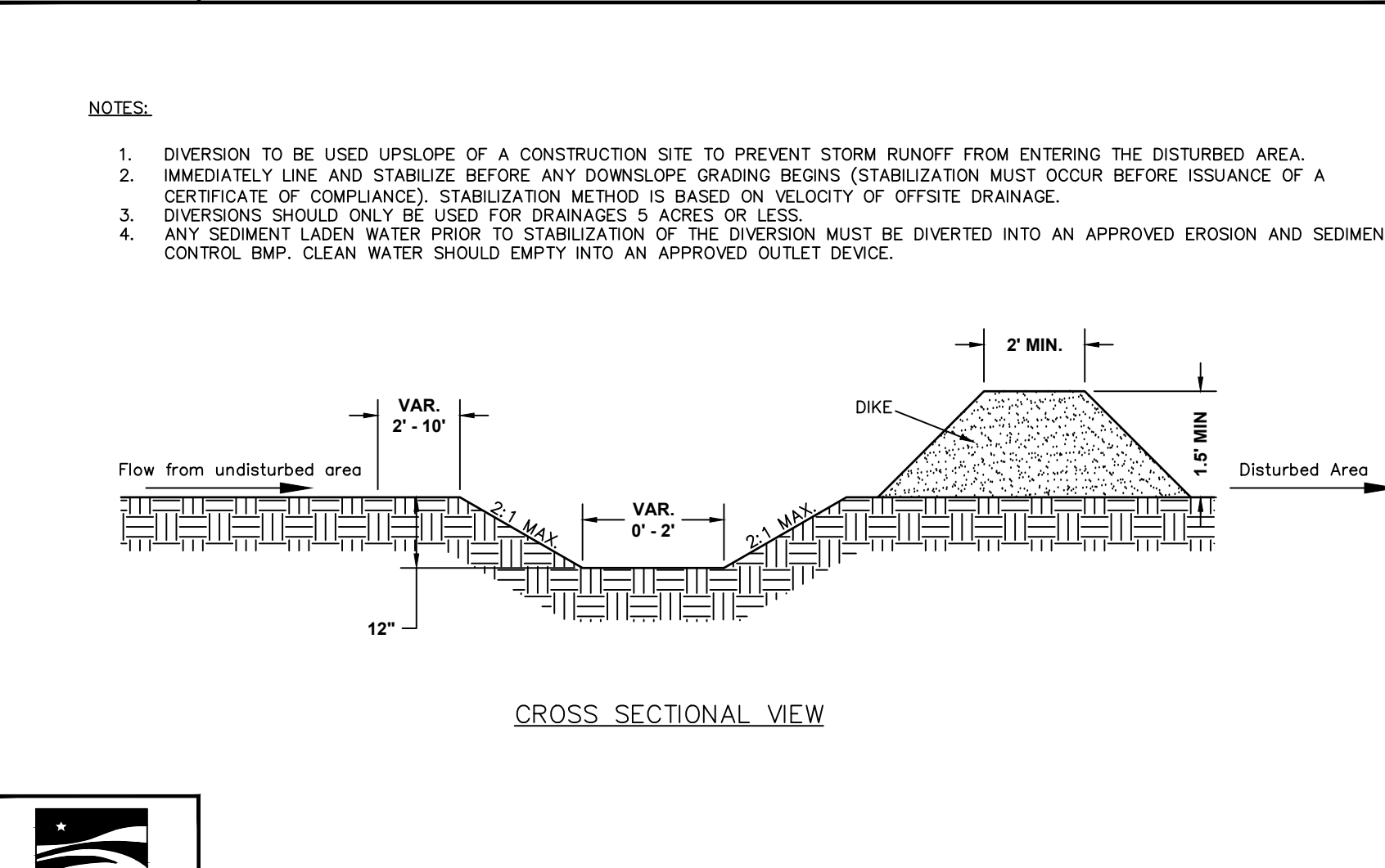
CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. PLACE THE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO SUBSEQUENT ROWS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
2. CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
3. USE CLEAN GRAVEL 3/4 TO 1/2 INCH IN DIAMETER, PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT TO AN EVEN GRADE. DOT #57 WASHED STONE IS RECOMMENDED.

MAINTENANCE: INSPECT INLET PROTECTION AND REMOVE SEDIMENT AFTER EACH RAIN EVENT. GRAVEL SHOULD BE REPLACED AND REPAIRS MADE AS NEEDED.



EFFECTIVE: 01/31/08



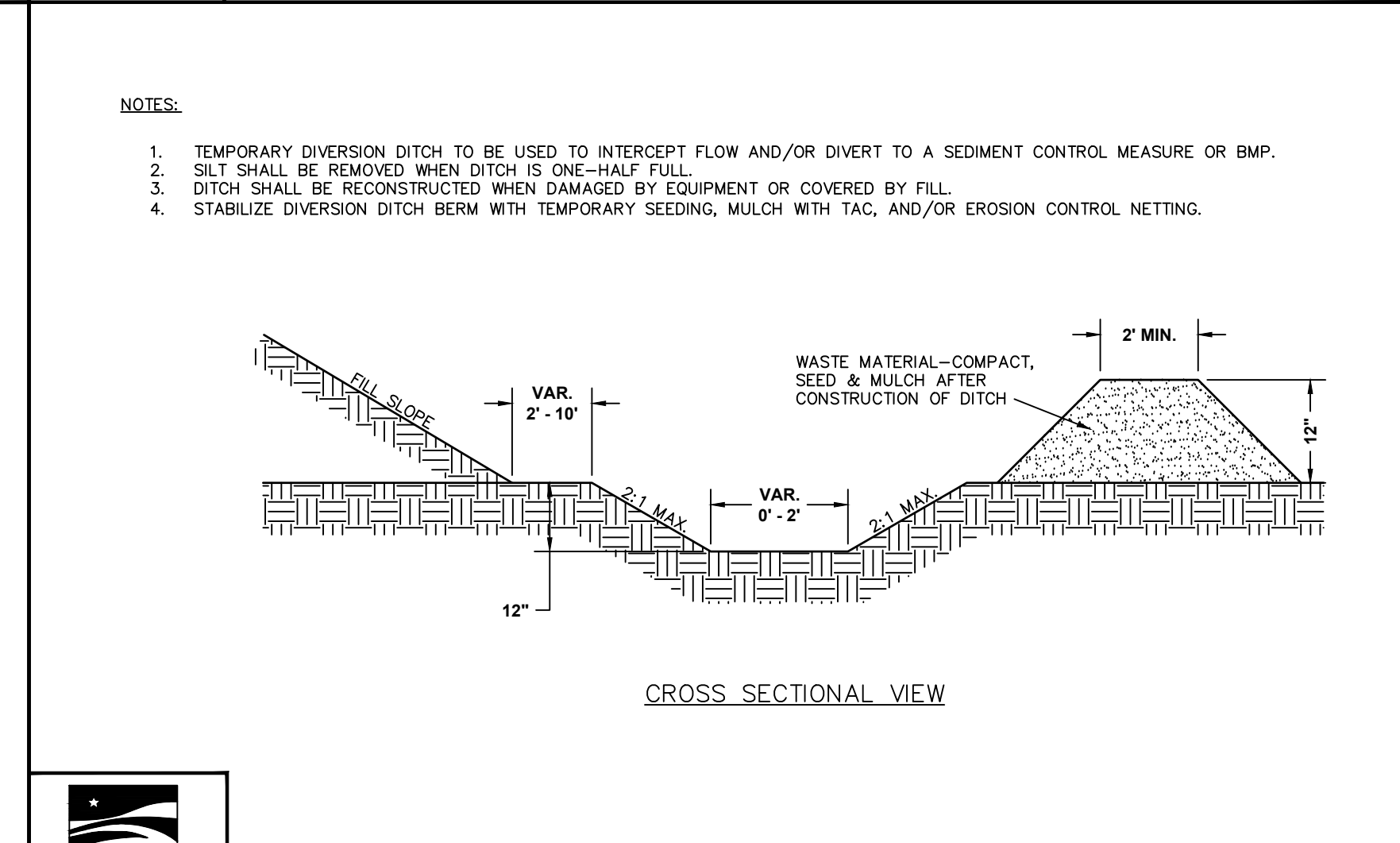
NOTES:

1. DIVERSION TO BE USED UPSLOPE OF A CONSTRUCTION SITE TO PREVENT STORM RUNOFF FROM ENTERING THE DISTURBED AREA.
2. IMMEDIATELY LINE AND STABILIZE BEFORE ANY DOWNSLOPE GRADING BEGINS (STABILIZATION MUST OCCUR BEFORE ISSUANCE OF A CERTIFICATE OF COMPLIANCE). STABILIZATION METHOD IS BASED ON VELOCITY OF OFFSITE DRAINAGE.
3. DIVERSIONS SHOULD ONLY BE USED FOR DRAINAGES 5 ACRES OR LESS.
4. ANY SEDIMENT LADEN WATER PRIOR TO STABILIZATION OF THE DIVERSION MUST BE DIVERTED INTO AN APPROVED EROSION AND SEDIMENT CONTROL BMP. CLEAN WATER SHOULD EMPTY INTO AN APPROVED OUTLET DEVICE.

CROSS SECTIONAL VIEW



EFFECTIVE: 01/31/08



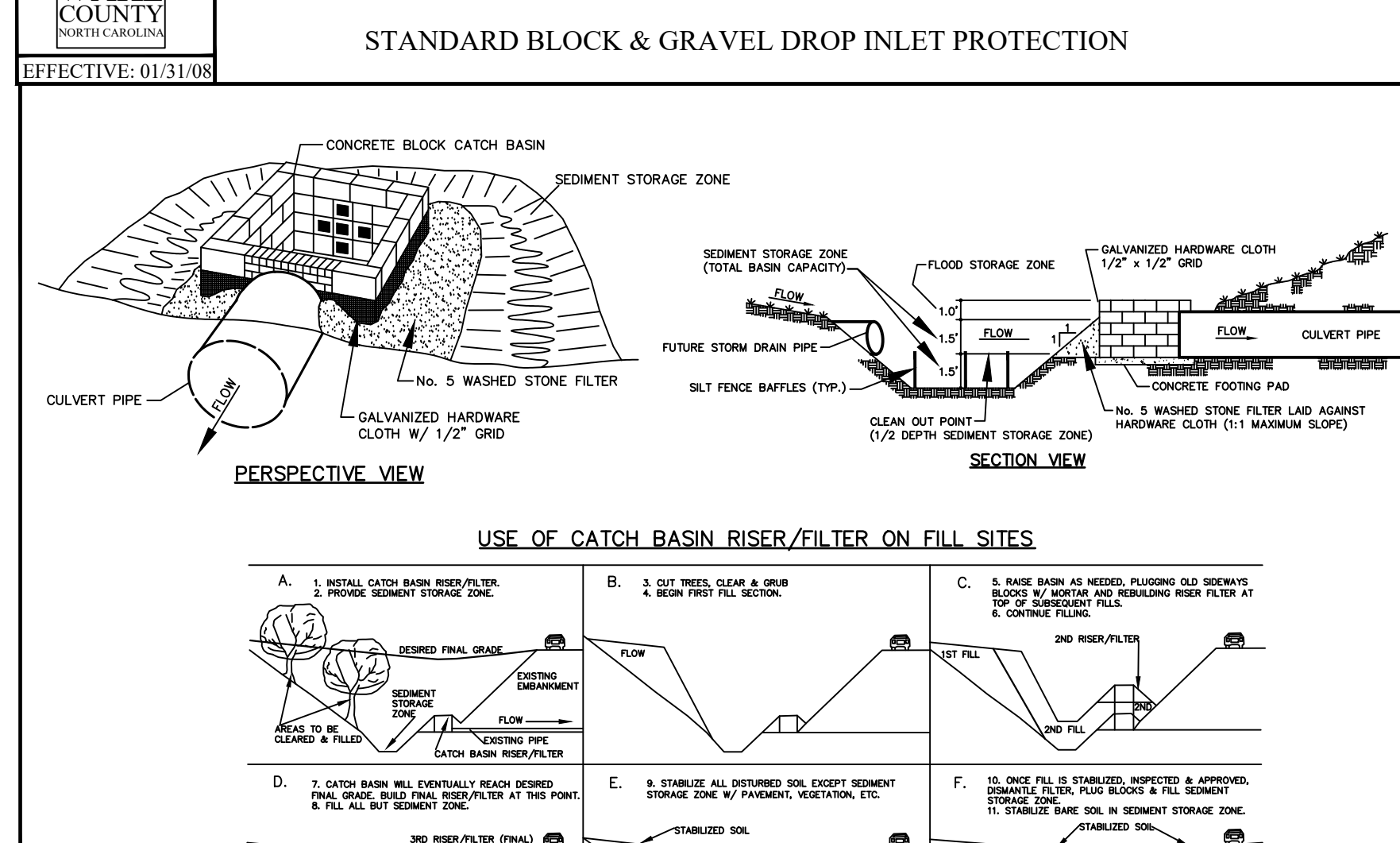
NOTES:

1. TEMPORARY DIVERSION DITCH TO BE USED TO INTERCEPT FLOW AND/OR DIVERT TO A SEDIMENT CONTROL MEASURE OR BMP.
2. SILT SHALL BE REMOVED WHEN DITCH IS ONE-HALF FULL.
3. DITCH SHALL BE RECONSTRUCTED WHEN DAMAGED BY EQUIPMENT OR COVERED BY FILL.
4. STABILIZE DIVERSION DITCH BERM WITH TEMPORARY SEEDING, MULCH WITH TAC, AND/OR EROSION CONTROL NETTING.

CROSS SECTIONAL VIEW



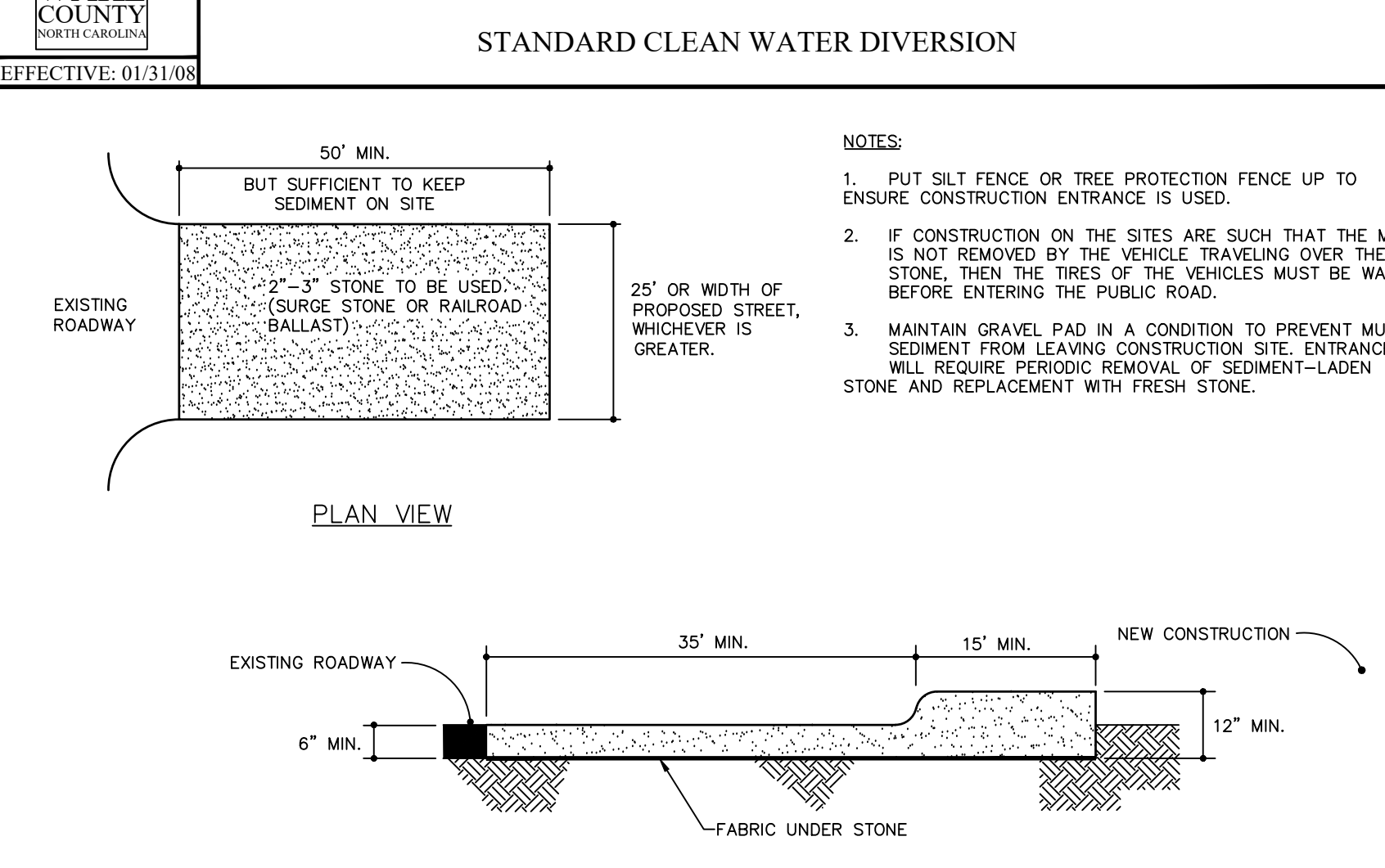
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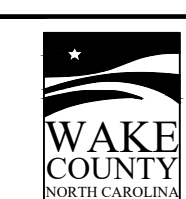
USE OF CATCH BASIN RISER/FILTER ON FILL SITES



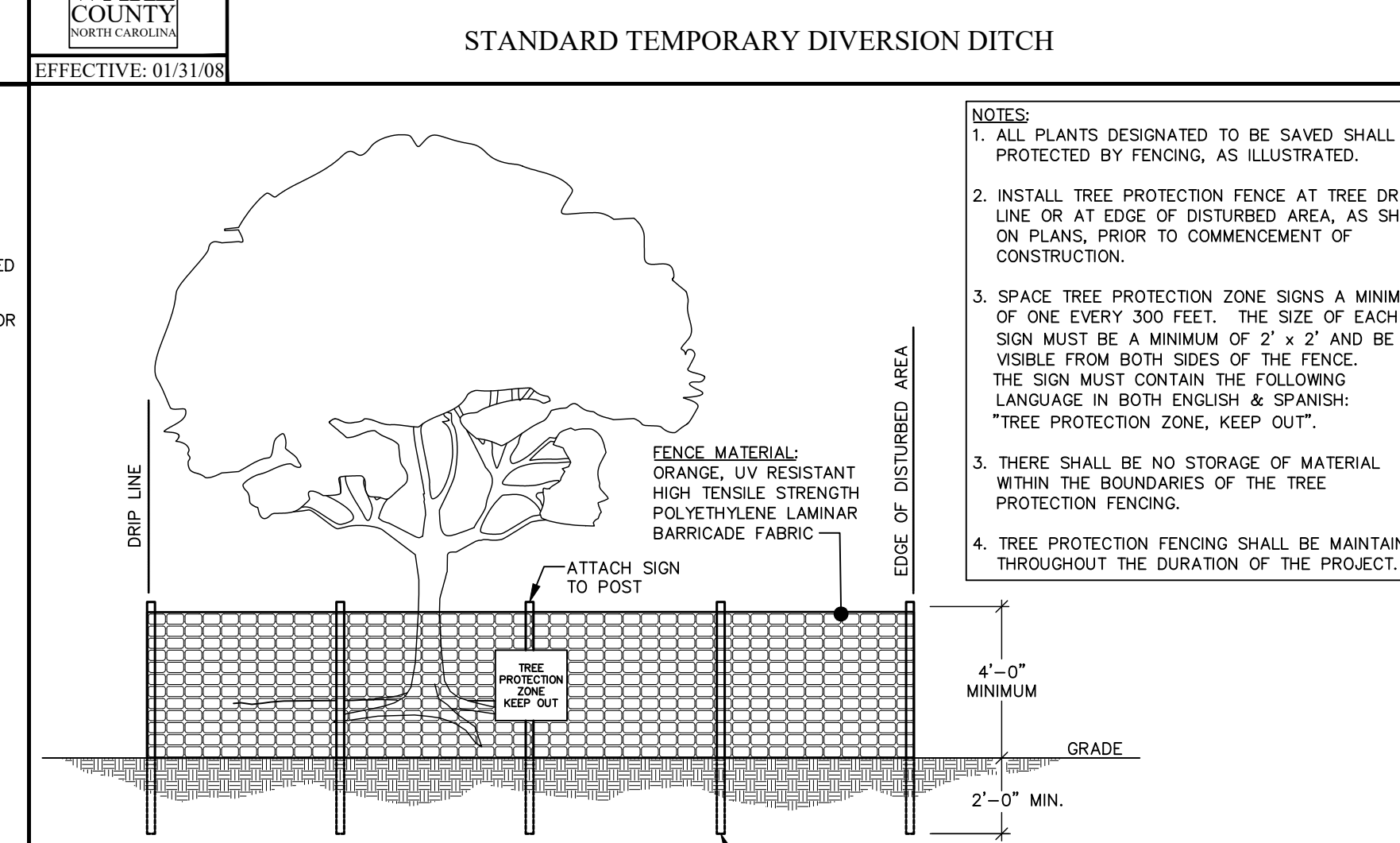
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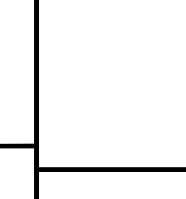
CROSS SECTION



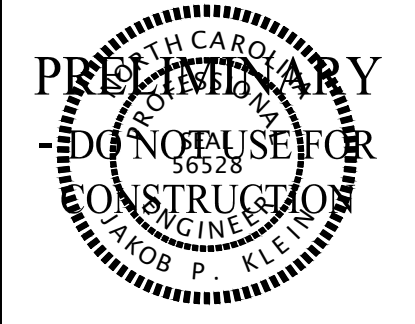
EFFECTIVE: 01/31/08



TREE PROTECTION FENCE



EFFECTIVE: 01/31/08



NO.	DATE	REVISION:

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON THE SPECIFIC SITE, NAMED HEREON, CONTEMPORANEOUSLY WITH ITS ISSUE DATE AS LISTED, HEREON, AND IT IS NOT SUITABLE FOR USE AT A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCES OR ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

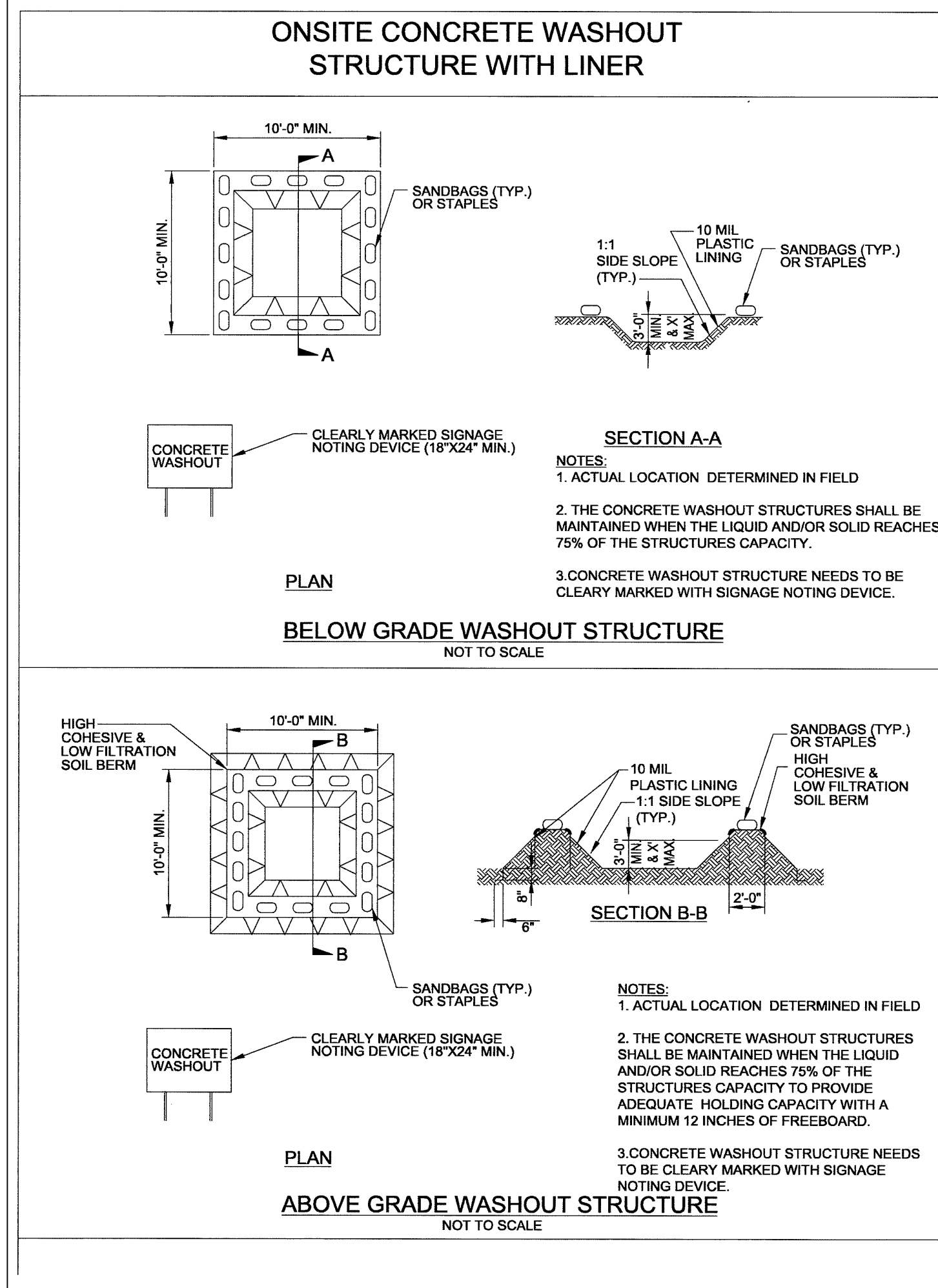
THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 21-002
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DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:
EROSION CONTROL DETAILS
SHEET NO.:
CD1

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PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION
 Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or affluents	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence, and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item 2(g) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading/installation of protective E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover, 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation
 The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site
 In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years
 All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences That Must be Reported
 Permittees shall report the following occurrences:
 (a) Visible sediment deposition in a stream or wetland.
 (b) Oil spills if:
 • They are 25 gallons or more,
 • They are less than 25 gallons but cannot be cleaned up within 24 hours,
 • They cause sheen on surface waters (regardless of volume), or
 • They are within 100 feet of surface waters (regardless of volume).
 (c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref. 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref. 40 CFR 302.4) or G.S. 143-215.85.
 (d) Anticipated bypasses and unanticipated bypasses.
 (e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements
 After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• Within 24 hours , an oral or electronic notification. • Within 7 calendar days , a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices. If staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 2(b)(c) above	• Within 24 hours , an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release. • A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass. • Within 24 hours , an oral or electronic notification. • Within 7 calendar days , a report that includes an evaluation of the quality and effect of the bypass.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	• Within 24 hours , an oral or electronic notification. • Within 7 calendar days , a report that includes an evaluation of the quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	• Within 24 hours , an oral or electronic notification. • Within 7 calendar days , a report that includes a description of the non-compliance, and its causes; the period of non-compliance, including exact dates and times, and if the non-compliance has not been corrected, the anticipated time non-compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the non-compliance. [40 CFR 122.41(j)(6)]. • Division staff may waive the requirement for a written report on a case-by-case basis.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(j)(7)]	• Within 24 hours , an oral or electronic notification. • Within 7 calendar days , a report that includes a description of the non-compliance, and its causes; the period of non-compliance, including exact dates and times, and if the non-compliance has not been corrected, the anticipated time non-compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the non-compliance. [40 CFR 122.41(j)(6)]. • Division staff may waive the requirement for a written report on a case-by-case basis.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING EFFECTIVE: 04/01/19

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
 Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION
 Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
• Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting	• Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Hydroseeding • Shrubs or other permanent plantings covered with mulch • Uniform and evenly distributed ground cover sufficient to restrain erosion • Structural methods such as concrete, asphalt or retaining walls • Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

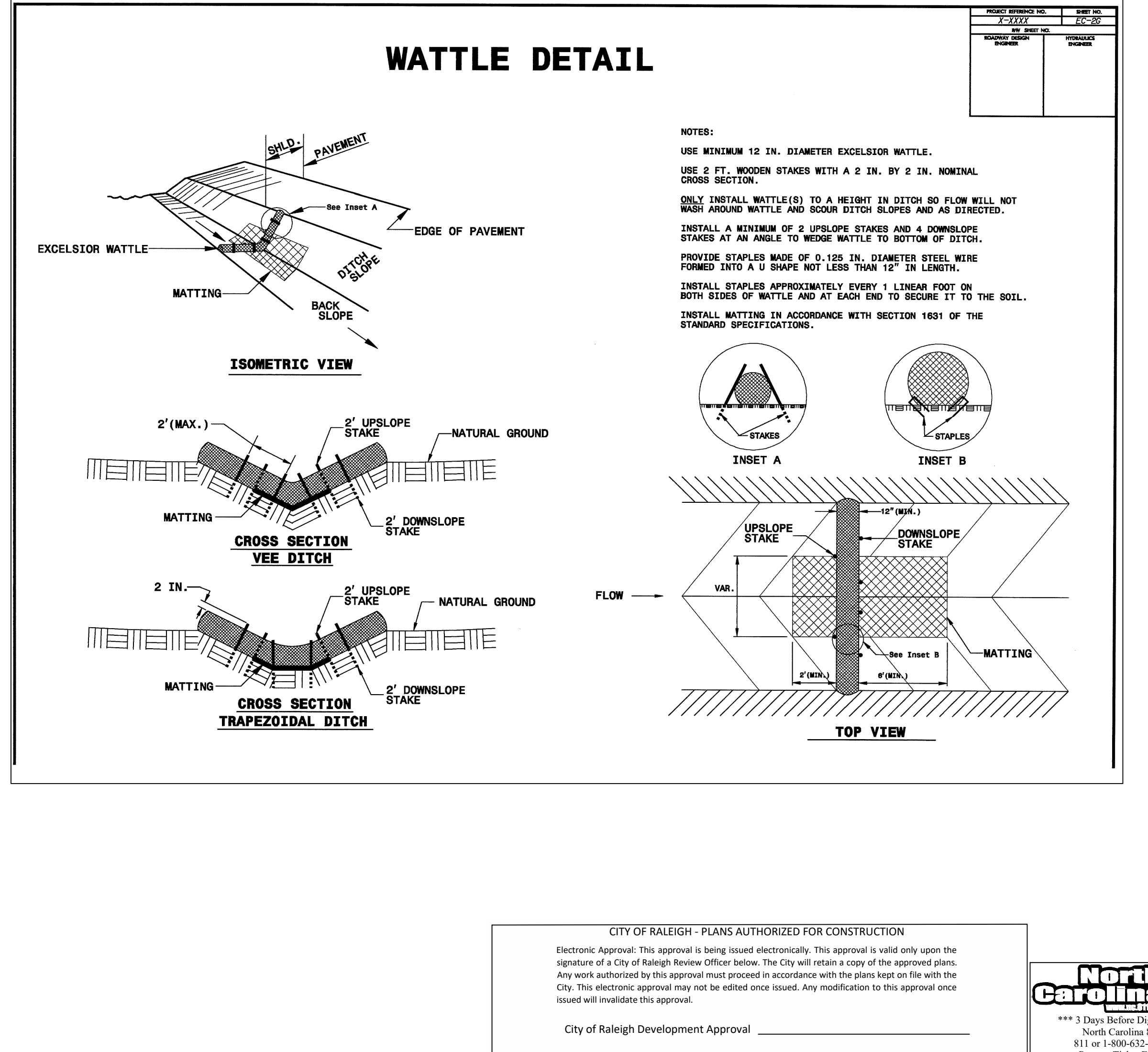
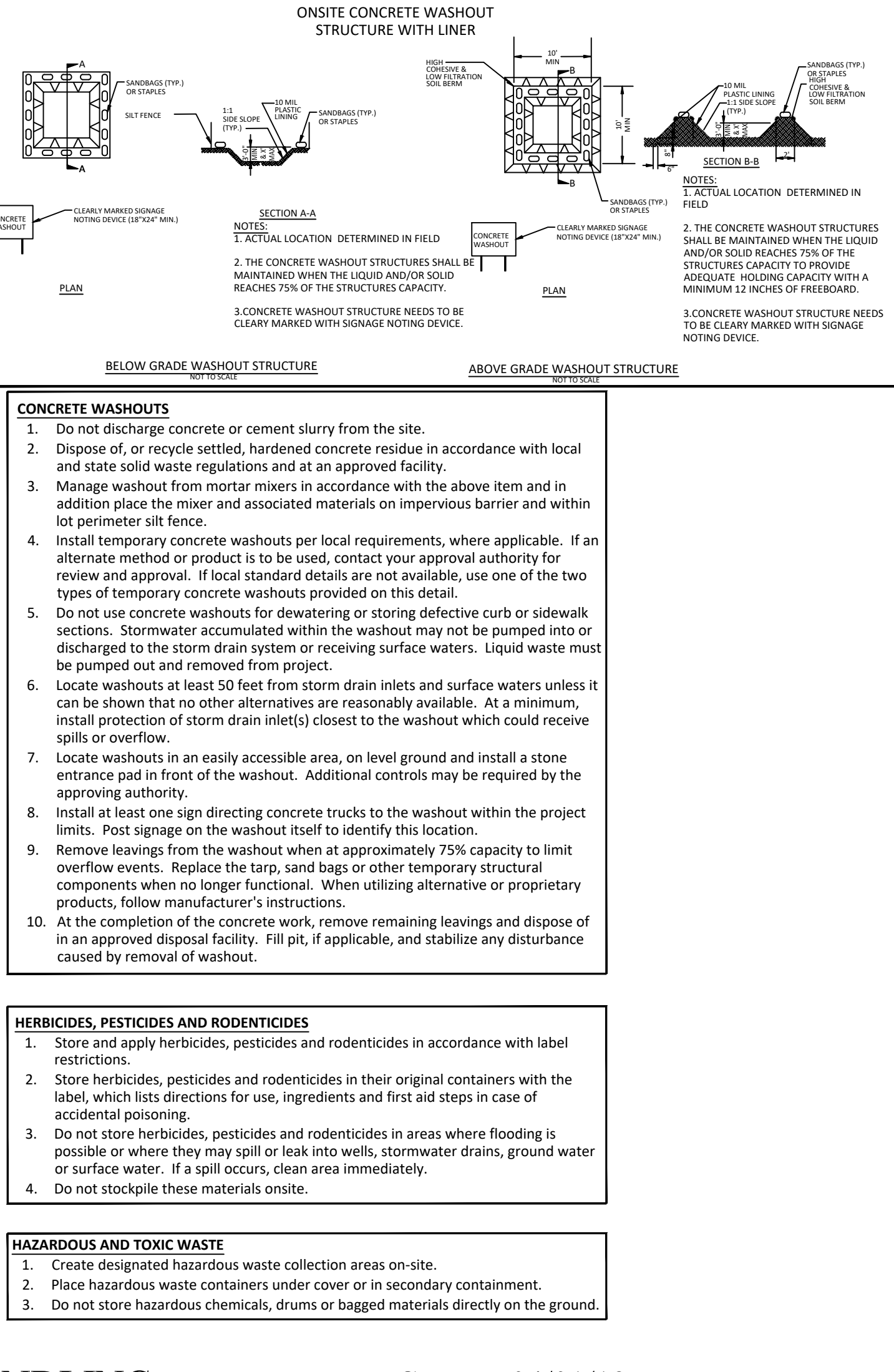
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



AMERICAN Engineering
 American Engineering Associates - Southeast, P.A.
 4020 Westchase Boulevard, Suite 450
 Raleigh, NC 27607
 919-468-1101

STATE OF NORTH CAROLINA
 AMERICAN ENGINEERING ASSOCIATES - SOUTHEAST
 3583
 C-3881
 CERTIFICATE OF AUTHORITY

STATE OF NORTH CAROLINA
 PROFESSIONAL SEAL
 JOHN P. KETNER
 ENGINEER
 3583

NO. _____ DATE _____ REVISION: _____

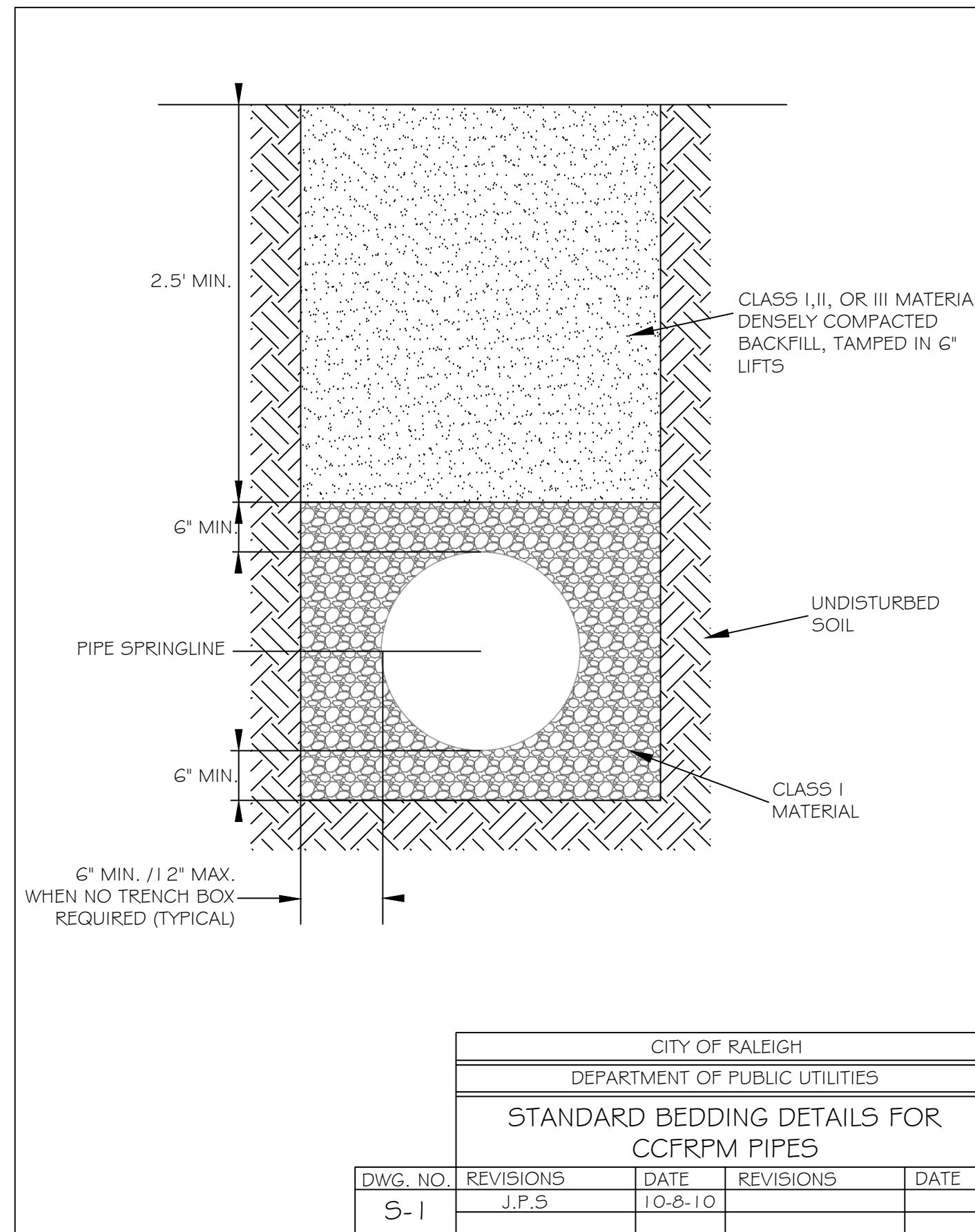
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THE PRESERVE AT MOODY FARM
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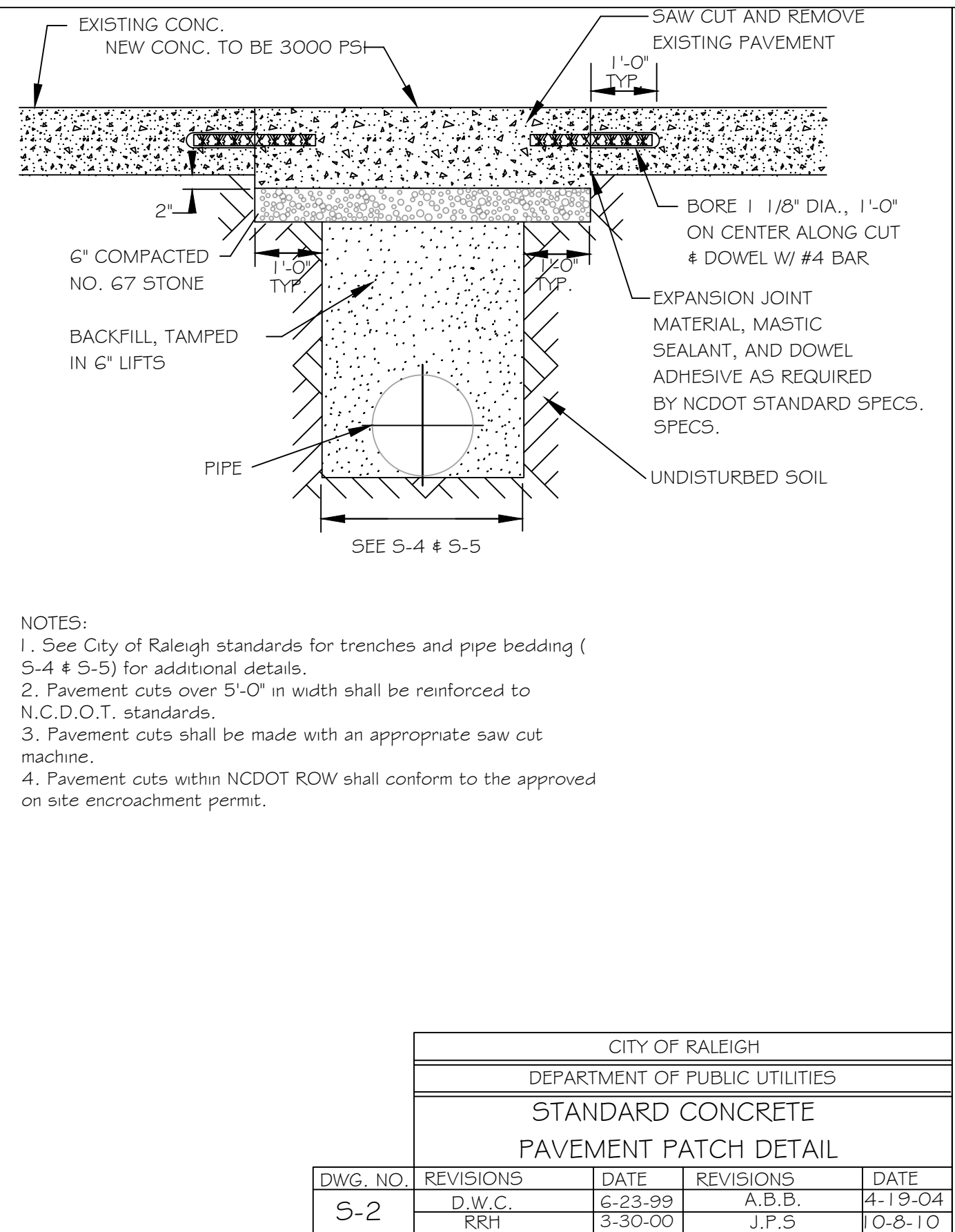
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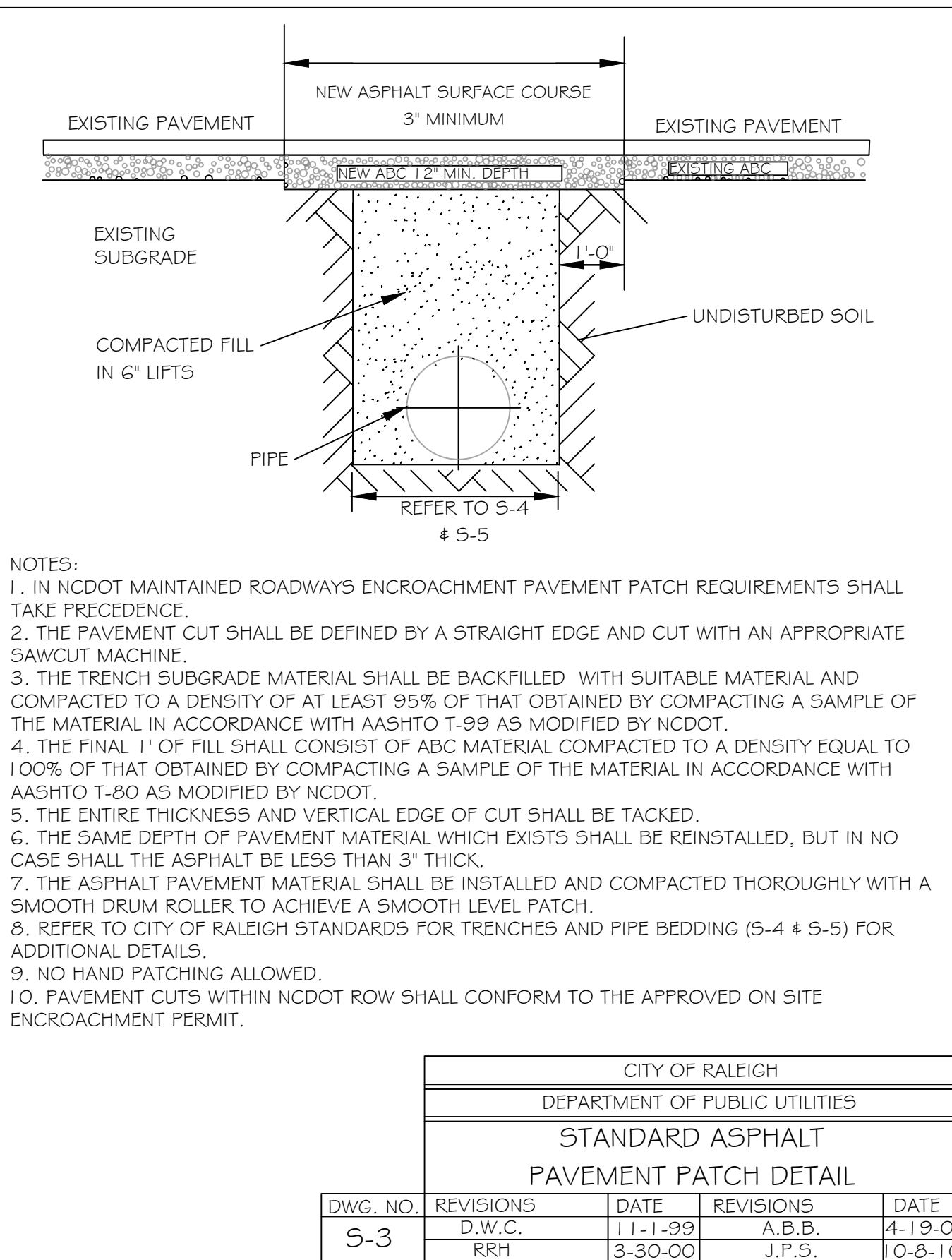
SHEET NO.:
CD5



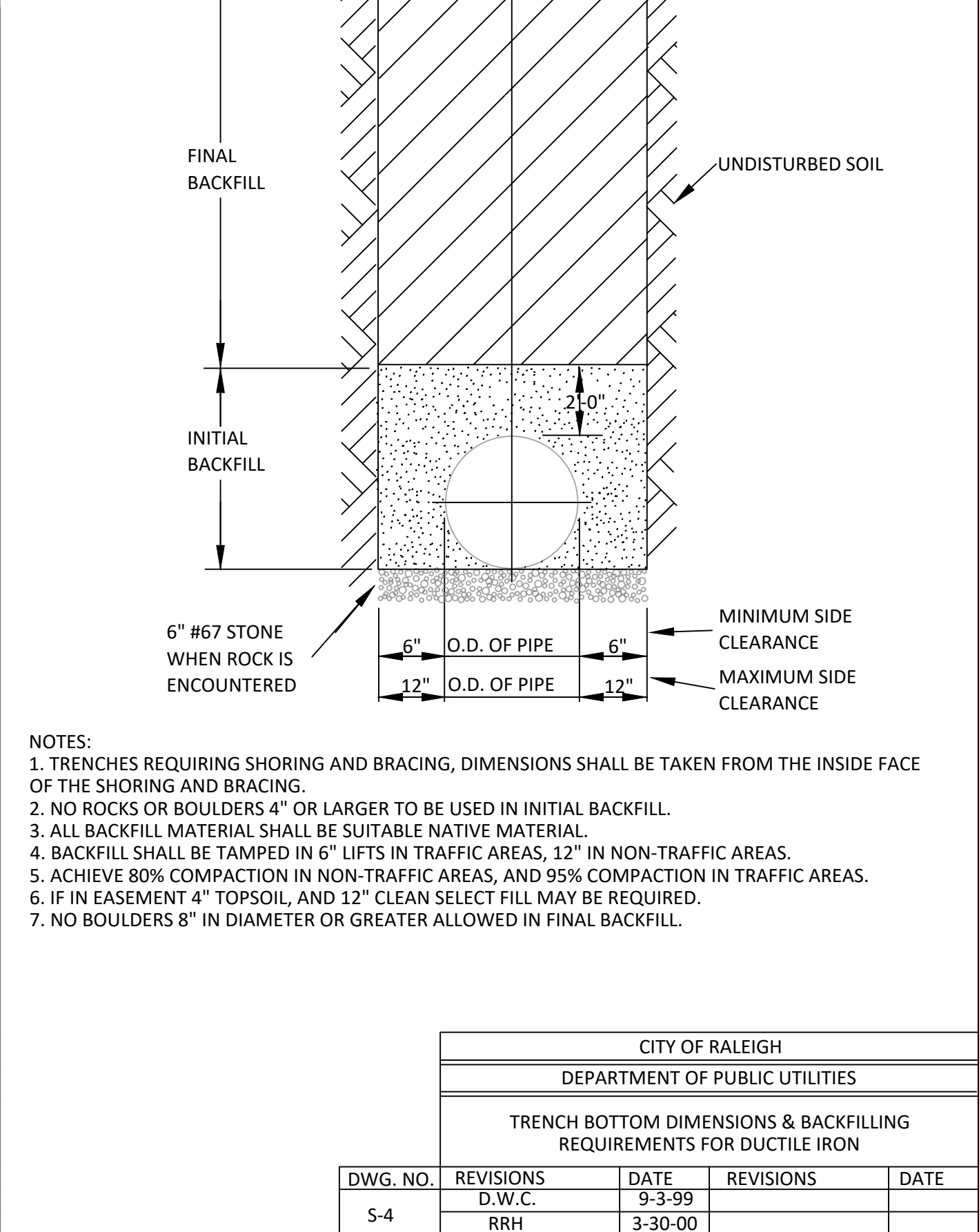
CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
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DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-1	J.P.S	10-8-10			



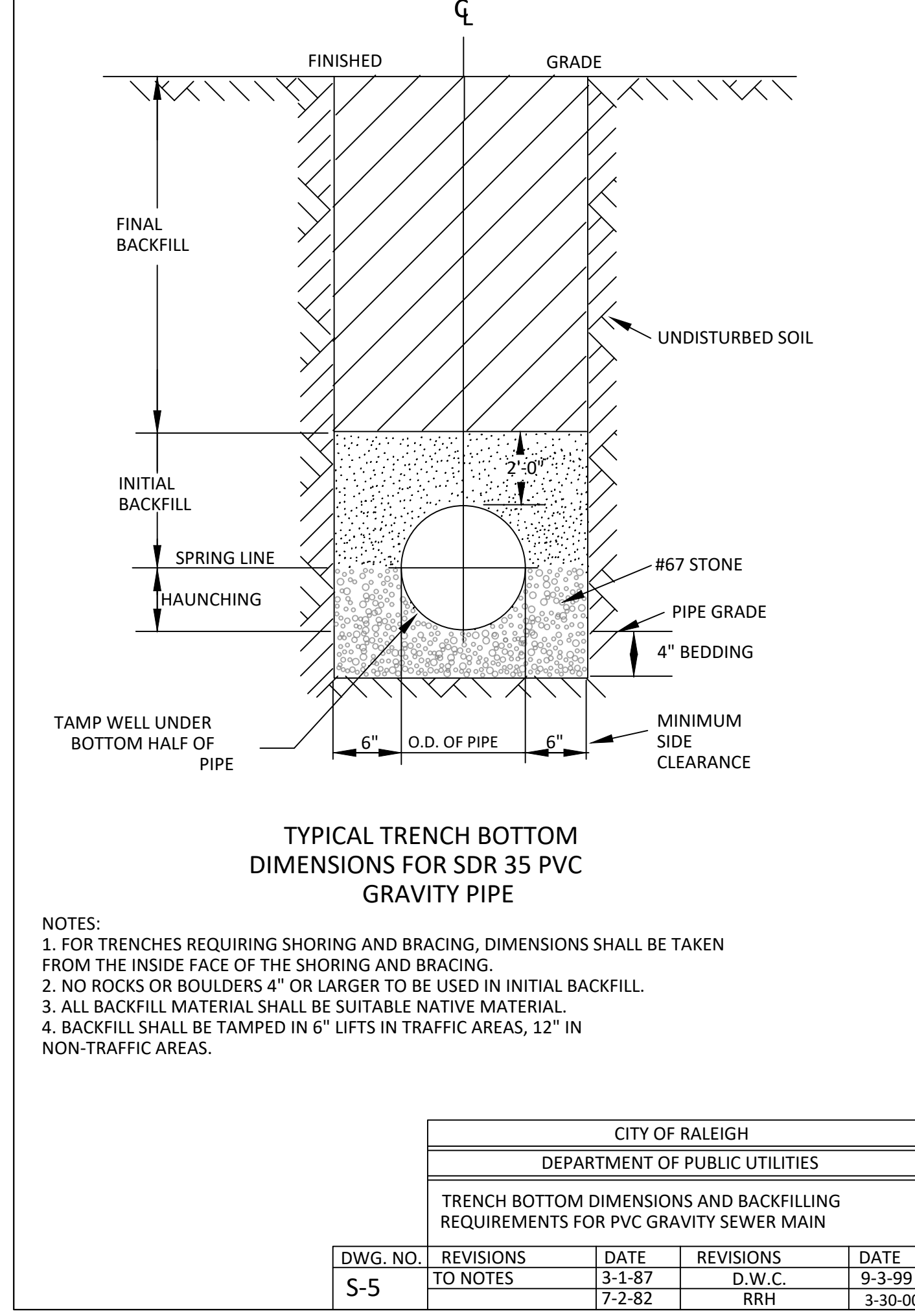
CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
STANDARD CONCRETE PAVEMENT PATCH DETAIL					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-2	D.W.C. RRH	6-23-99	A.B.B. J.P.S	4-19-04	10-8-10



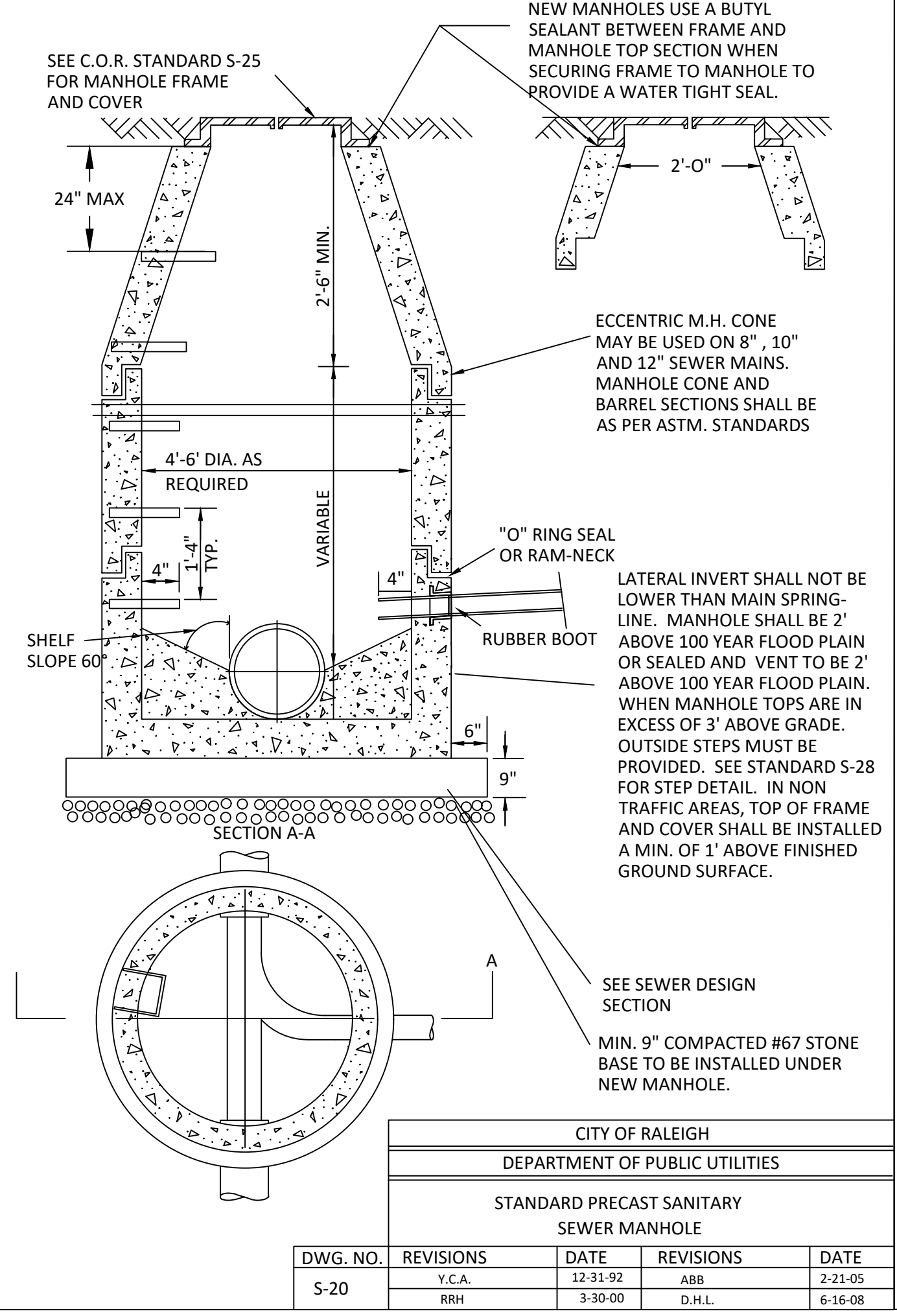
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DEPARTMENT OF PUBLIC UTILITIES					
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DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-3	D.W.C. RRH	11-1-99	A.B.B. J.P.S	4-19-04	10-8-10



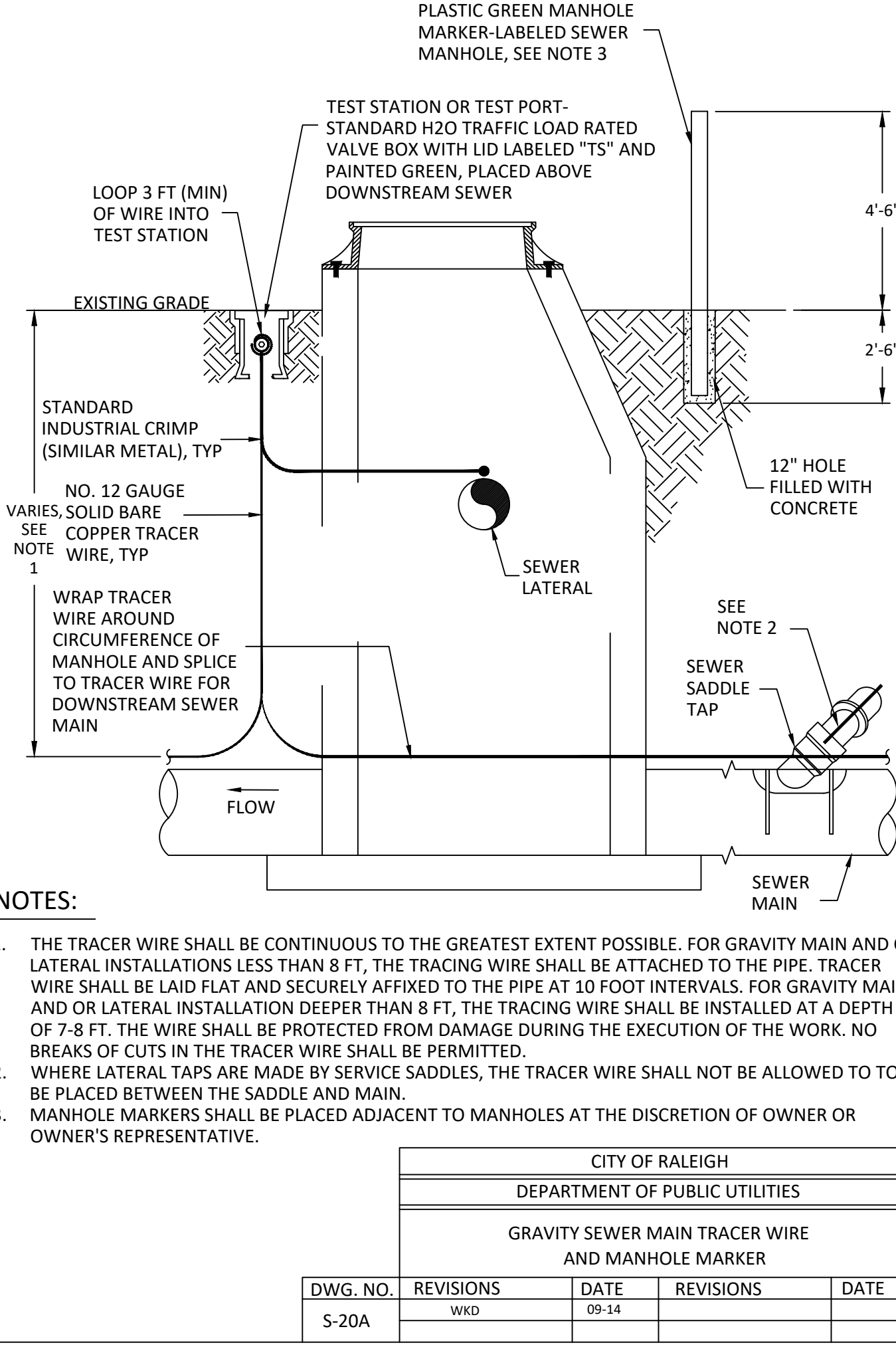
CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR DUCTILE IRON					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-4	D.W.C. RRH	9-3-99			



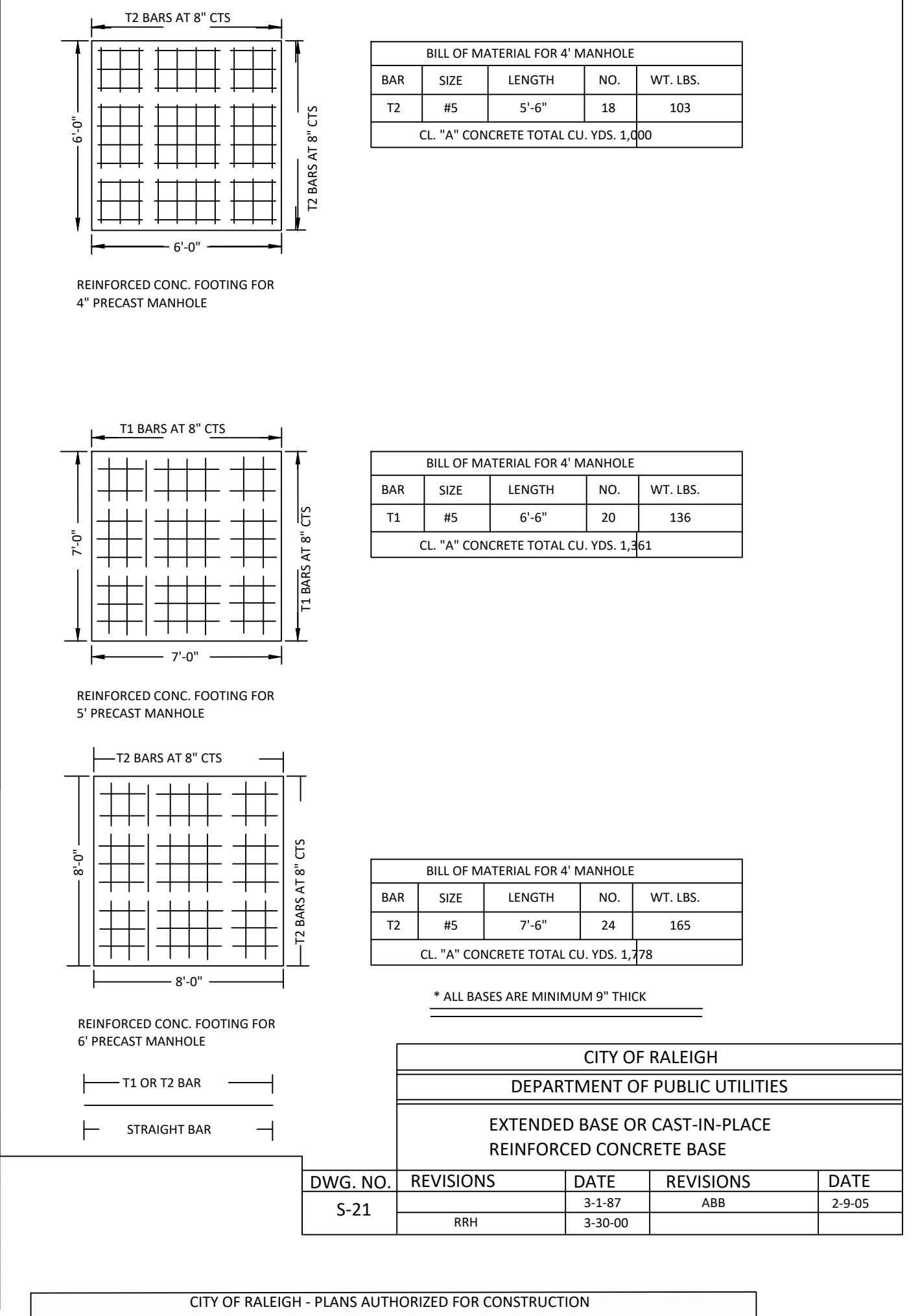
CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
TRENCH BOTTOM DIMENSIONS AND BACKFILLING REQUIREMENTS FOR PVC GRAVITY SEWER MAIN					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-5	TO NOTES	3-1-87	D.W.C. RRH	9-3-99	3-30-00



CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
STANDARD PRECAST SANITARY SEWER MANHOLE					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-20	Y.C.A. RRH	12-31-92	ABB D.H.L.	2-21-05	6-16-08



CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
GRAVITY SEWER MAIN TRACER WIRE AND MANHOLE MARKER					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-20A	W.K.D.	09-14			



CITY OF RALEIGH					
DEPARTMENT OF PUBLIC UTILITIES					
EXTENDED BASE OR CAST-IN-PLACE REINFORCED CONCRETE BASE					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-21	RRH	3-1-87	ABB	2-9-05	

NOTES:
 1. FOR TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
 2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
 4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 12" IN NON-TRAFFIC AREAS.

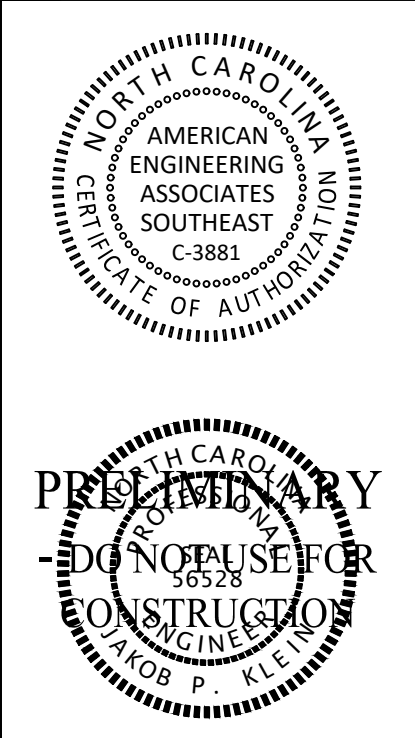
NOTES:
 1. THE TRACER WIRE SHALL BE CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. FOR GRAVITY MAIN AND OR LATERAL INSTALLATIONS LESS THAN 8 FT, THE TRACING WIRE SHALL BE ATTACHED TO THE PIPE. TRACER WIRE SHALL BE LAID FLAT AND SECURELY AFFIXED TO THE PIPE AT 10 FOOT INTERVALS. FOR GRAVITY MAIN AND OR LATERAL INSTALLATION DEEPER THAN 8 FT, THE TRACING WIRE SHALL BE INSTALLED AT A DEPTH OF 7-8 FT. THE WIRE SHALL BE PROTECTED FROM DAMAGE DURING THE EXECUTION OF THE WORK. NO BREAKS OF CUTS IN THE TRACER WIRE SHALL BE PERMITTED.
 2. WHERE LATERAL TAPS ARE MADE BY SERVICE SADDLES, THE TRACER WIRE SHALL NOT BE ALLOWED TO BE PLACED BETWEEN THE SADDLE AND MAIN.
 3. MANHOLE MARKERS SHALL BE PLACED ADJACENT TO MANHOLES AT THE DISCRETION OF OWNER OR OWNER'S REPRESENTATIVE.

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City of Raleigh Development Approval _____
 Raleigh Water Review Officer

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City of Raleigh Development Approval _____
 Raleigh Water Review Officer



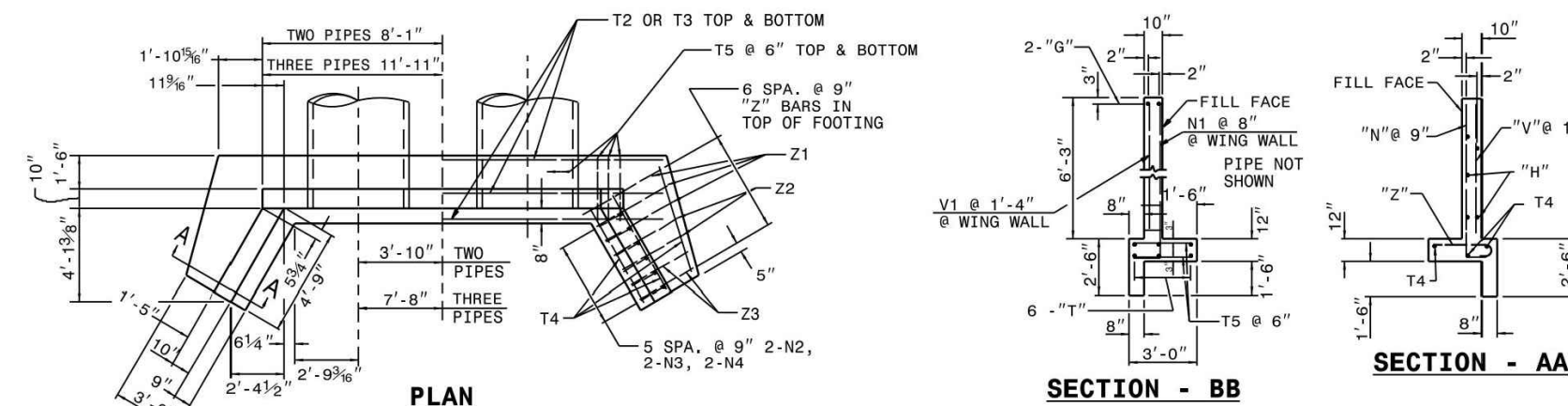
NO.	DATE	REVISION

STIPULATION FOR REUSE
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THE PRESERVE AT MOODY FARM
 ROLESVILLE ROAD
 WAKE COUNTY, NC

JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE: UTILITY DETAILS
SHEET NO.: CD9





SEE STD. # 838.45 FOR GENERAL NOTES.

BILL OF MATERIAL FOR ENDWALL			
REIN. STEEL	PIPE	NO.	WEIGHT
B1 #4	5'-6"	8	29 12 44
B2 #4	4'-6"	4	12 4 12
B3 #4	6'-0"	4	16 8 32
G1 #7	8'-2"	-	-
G2 #7	15'-10"	2	69 -
G3 #7	23'-5"	-	2 96 -
H1 #4	5'-6"	10	37 10 37
H2 #4	3'-6"	4	9 4 9
N1 #4	7'-11"	8	42 12 63
N2 #4	6'-7"	4	18 4 18
N3 #4	5'-8"	4	15 4 15
N4 #4	4'-9"	4	13 4 13
T1 #4	11'-10"	-	-
T2 #4	19'-6"	6	78 -
T3 #4	27'-2"	-	8 109 -
T4 #4	5'-3"	8	21 8 21
T5 #4	2'-6"	36	60
V1 #4	5'-9"	12	46 18 69
V2 #4	4'-10"	6	19 6 19
V3 #4	3'-11"	4	16 6 16
V4 #4	3'-1"	6	12 6 12
Z1 #4	3'-11"	6	16 6 16
Z2 #4	3'-5"	4	9 4 9
Z3 #4	3'-1"	4	8 4 8

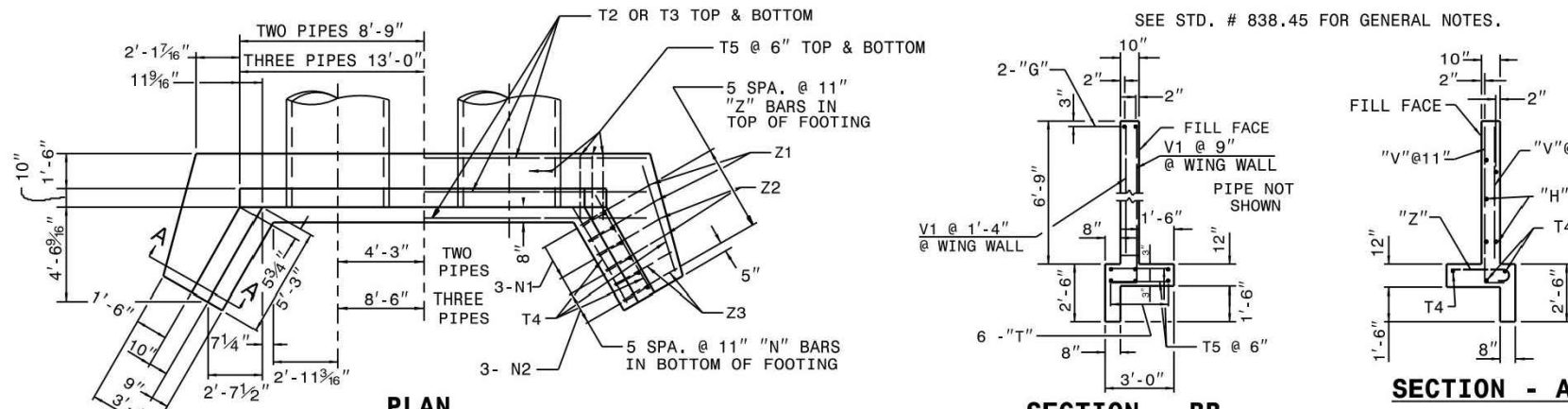
REIN. STEEL LBS. 588

CON./R.C. CU. YDS 6.9

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
REINFORCED CONCRETE ENDWALL
FOR DOUBLE & TRIPLE 54" PIPE - 90° SKEW

SHEET 1 OF 2
838.22



SEE STD. # 838.45 FOR GENERAL NOTES.

BILL OF MATERIAL FOR ENDWALL			
REIN. STEEL	PIPE	NO.	WEIGHT
B1 #4	5'-6"	8	29 12 44
B2 #4	4'-6"	4	12 4 12
B3 #4	6'-0"	4	16 8 32
G1 #7	8'-2"	-	-
G2 #7	17'-2"	2	70 -
G3 #7	25'-8"	-	2 109 -
H1 #4	6'-0"	10	40 10 40
H2 #4	4'-0"	4	11 4 11
N1 #4	3'-11"	14	57 18 74
N2 #4	3'-5"	6	14 6 14
T1 #4	21'-2"	6	85 -
T2 #4	29'-8"	6	111 -
T4 #4	5'-6"	6	22 6 22
T5 #4	2'-6"	72	117 60 174
V1 #4	6'-3"	12	50 18 75
V2 #4	5'-1"	6	20 6 20
V3 #4	3'-11"	4	16 6 16
V4 #4	3'-1"	6	11 6 11
Z1 #4	4'-4"	4	18 4 18
Z2 #4	3'-10"	4	14 4 14
Z3 #4	3'-5"	4	8 4 8

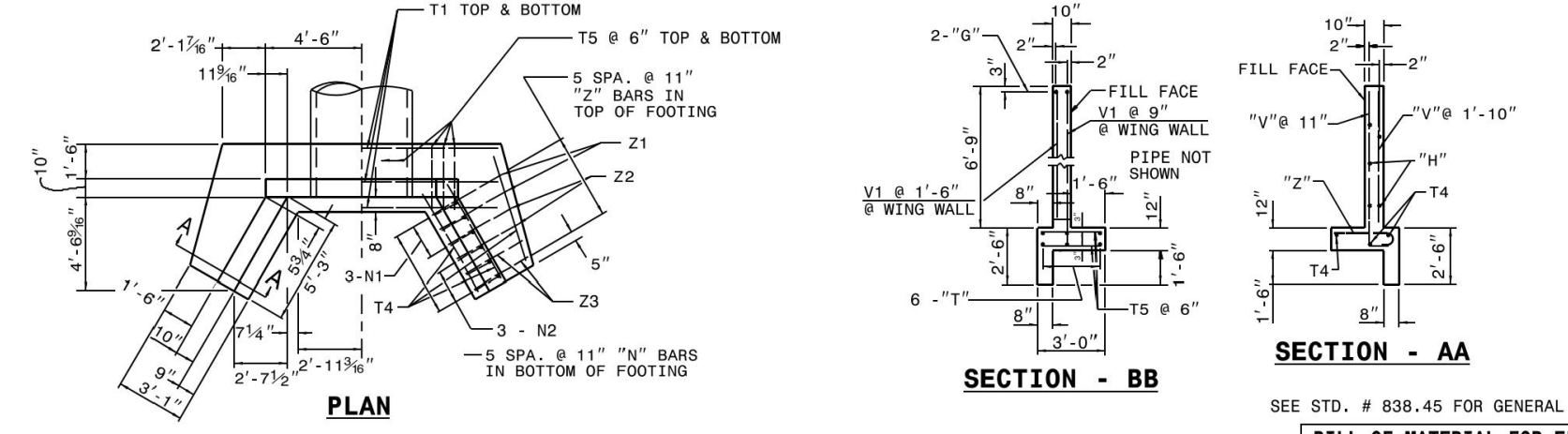
REIN. STEEL LBS. 607

CON./R.C. CU. YDS 7.9

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
REINFORCED CONCRETE ENDWALL
FOR DOUBLE & TRIPLE 60" PIPE - 90° SKEW

SHEET 1 OF 2
838.28



SEE STD. # 838.45 FOR GENERAL NOTES.

BILL OF MATERIAL FOR ENDWALL			
REIN. STEEL	PIPE	NO.	WEIGHT
B1 #4	5'-6"	4	15 4 15
B2 #4	4'-6"	4	12 4 12
G1 #7	8'-8"	2	35 -
H1 #4	6'-0"	10	40
H2 #4	4'-0"	4	11
N1 #5	3'-11"	10	41
N2 #4	3'-5"	6	14
T1 #4	12'-8"	6	51
T4 #4	5'-6"	6	22
T5 #4	2'-6"	36	60
V1 #4	6'-3"	6	25
V2 #4	5'-1"	6	20
V3 #4	3'-11"	6	16
V4 #4	2'-9"	6	11
Z1 #5	4'-4"	4	18
Z2 #4	3'-10"	4	10
Z3 #4	3'-2"	4	8

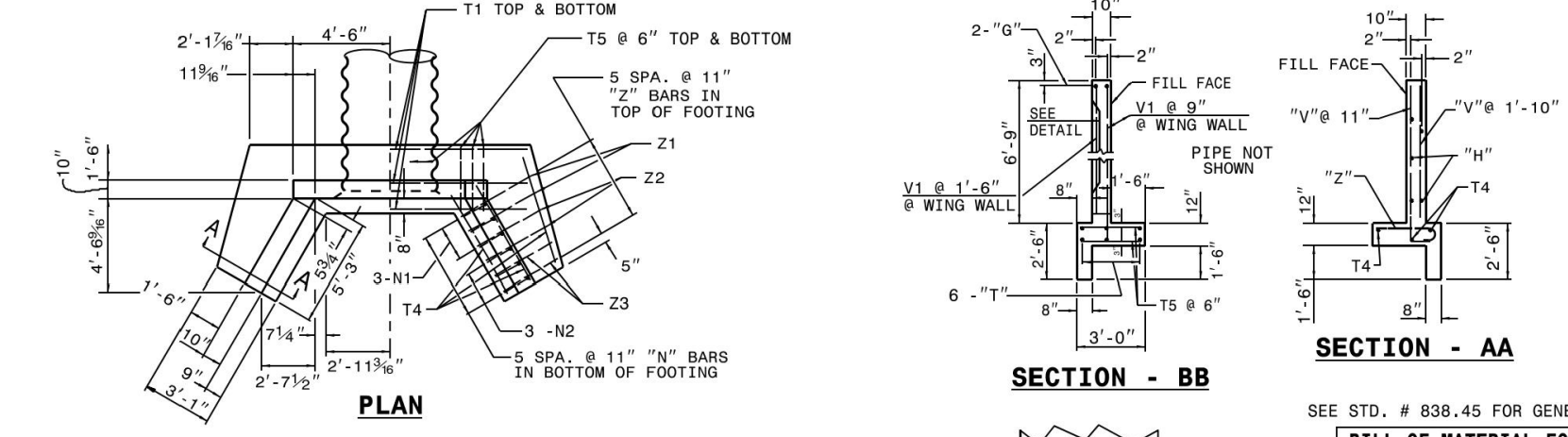
REIN. STEEL LBS. 409

CON./R.C. CU. YDS 5.6

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
REINFORCED CONCRETE ENDWALL
FOR SINGLE 60" PIPE - 90° SKEW

SHEET 1 OF 2
838.27



SEE STD. # 838.45 FOR GENERAL NOTES.

BILL OF MATERIAL FOR ENDWALL			
REIN. STEEL	PIPE	NO.	WEIGHT
B1 #4	5'-6"	4	15 4 15
B2 #4	4'-6"	4	12 4 12
G1 #7	8'-8"	2	35 -
H1 #4	6'-0"	10	40
H2 #4	4'-0"	4	11
N1 #5	3'-11"	10	41
N2 #4	3'-5"	6	14
T1 #4	12'-8"	6	51
T4 #4	5'-6"	6	22
T5 #4	2'-6"	36	60
V1 #4	6'-3"	6	25
V2 #4	5'-1"	6	20
V3 #4	3'-11"	6	16
V4 #4	2'-9"	6	11
Z1 #5	4'-4"	4	18
Z2 #4	3'-10"	4	10
Z3 #4	3'-2"	4	8

REIN. STEEL LBS. 409

CON./R.C. CU. YDS 5.9

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
REINFORCED CONCRETE ENDWALL
FOR SINGLE 60" PIPE - 90° SKEW

SHEET 2 OF 2
838.27

GENERAL NOTES:

USE CLASS "A" CONCRETE.

CHAMFER ALL EXPOSED CORNERS 1".

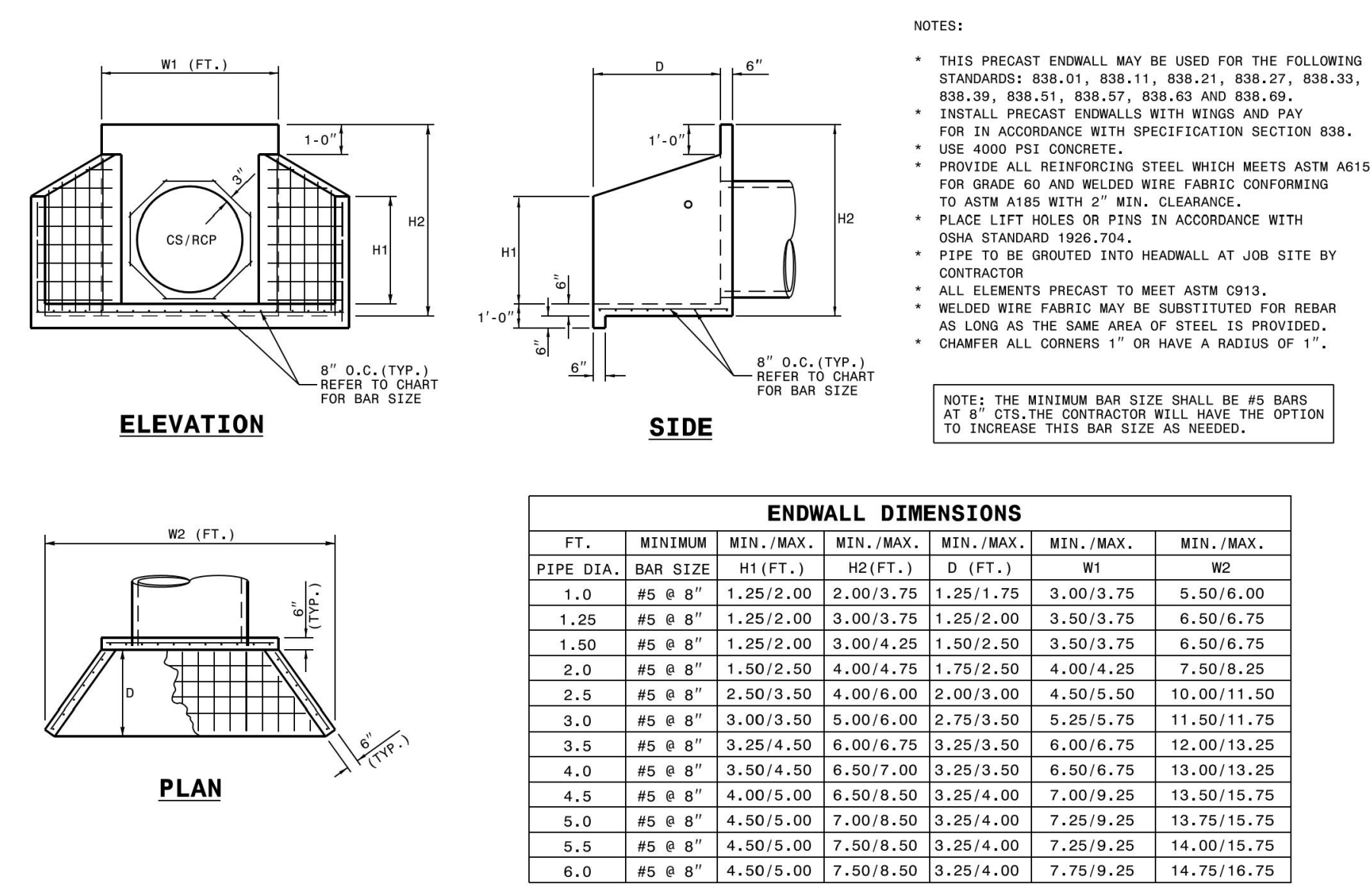
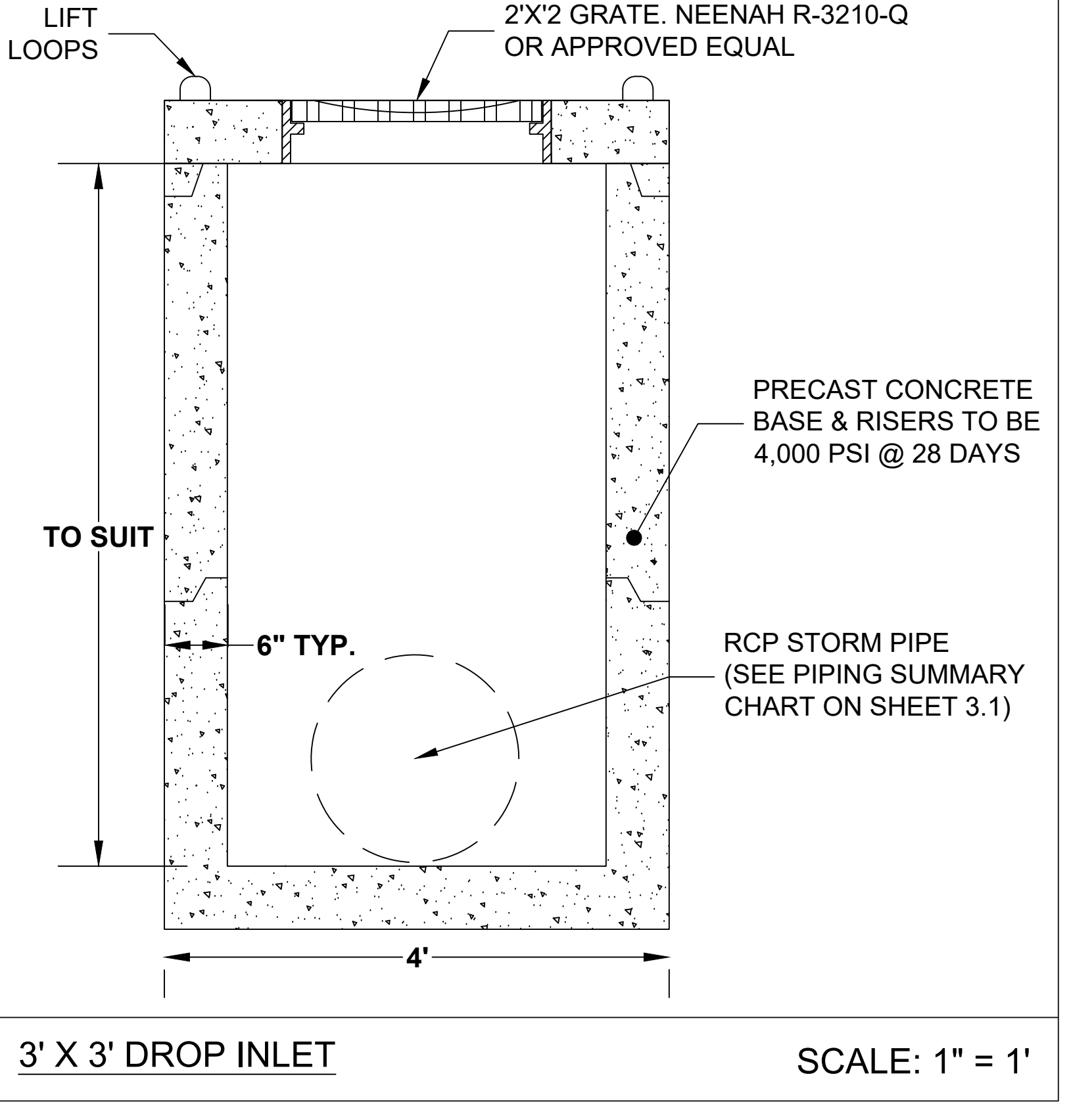
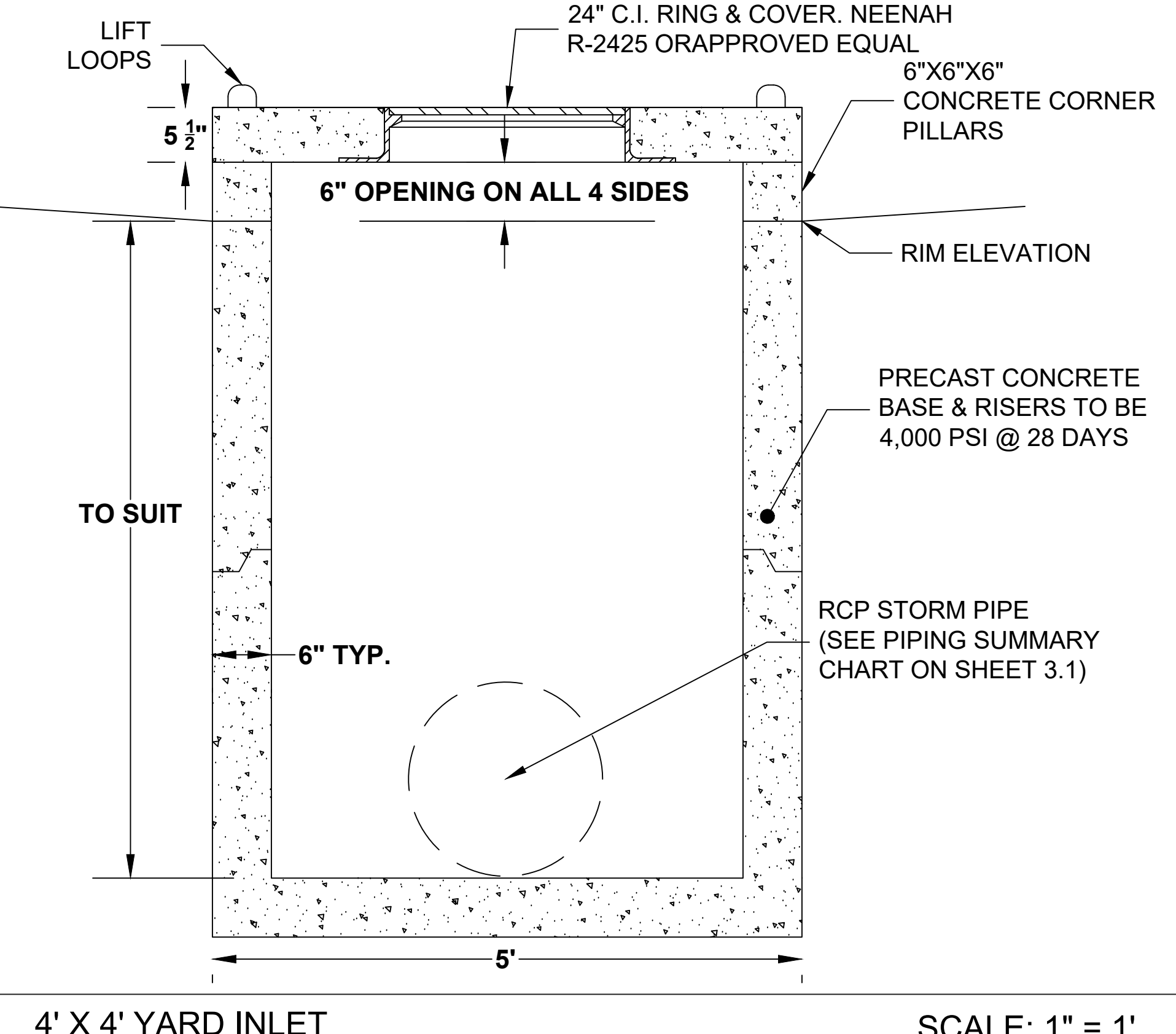
ALL DIMENSIONS RELATIVE TO PLACEMENT OF REINFORCING STEEL ARE TO CENTERS OF BARS.

PLACE A STONE DRAIN CONSISTING OF ONE (1) CUBIC FOOT OF NUMBER 78M STONE CONTAINED IN A POROUS FABRIC AT EACH WEEP HOLE. PLACE SUBDRAIN FINE AGGREGATE BENEATH, AROUND AND OVER THE STONE DRAIN SO THE STONE DRAIN IS COMPLETELY COVERED BY A LAYER OF SUBDRAIN FINE AGGREGATE AT LEAST ONE (1) FOOT THICK. WHERE THERE IS MORE THAN ONE WEEP HOLE IN A WING WALL, PLACE A HORIZONTAL DRAIN OF SUBDRAIN FINE AGGREGATE AT LEAST ONE (1) FOOT SQUARE IN CROSS SECTION TO CONNECT ALL STONE DRAINS. PLACE A VERTICAL DRAIN OF SUBDRAIN FINE AGGREGATE AT LEAST ONE (1) FOOT SQUARE IN CROSS SECTION AT EACH WEEP HOLE TO AN ELEVATION OF TWO (2) FEET BELOW THE SURFACE OF THE EMBANKMENT.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
NOTES FOR REINFORCED CONCRETE ENDWALL
STANDARD DRAWINGS 838.21 THRU 838.40

SHEET 1 OF 1
838.45



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
PRECAST CONCRETE ENDWALL
FOR SINGLE 12" THRU 72" PIPE - 90° SKEW

SHEET 1 OF 1
838.80

STIPULATION FOR REUSE

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024

SHEET TITLE:
DRAINAGE DETAILS

SHEET NO.:
CD11

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

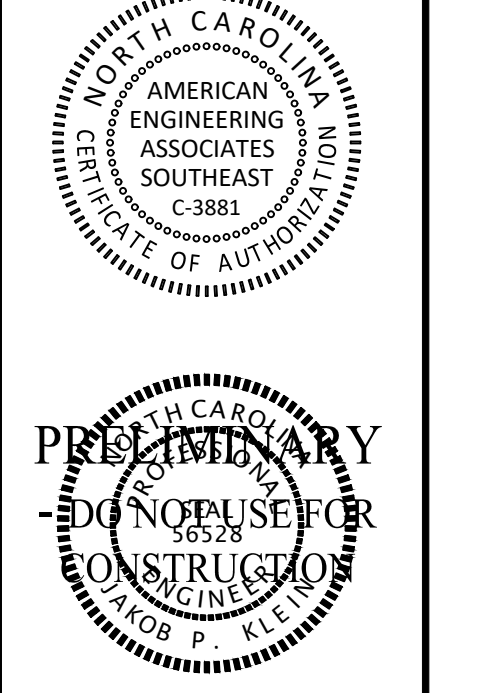
Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval

Raleigh Water Review Officer

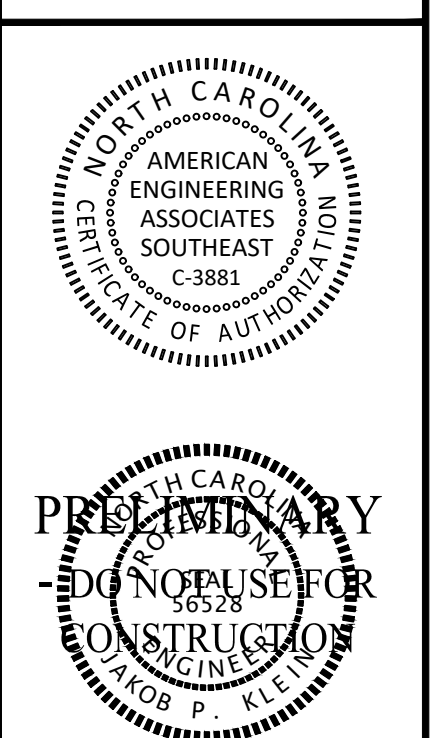
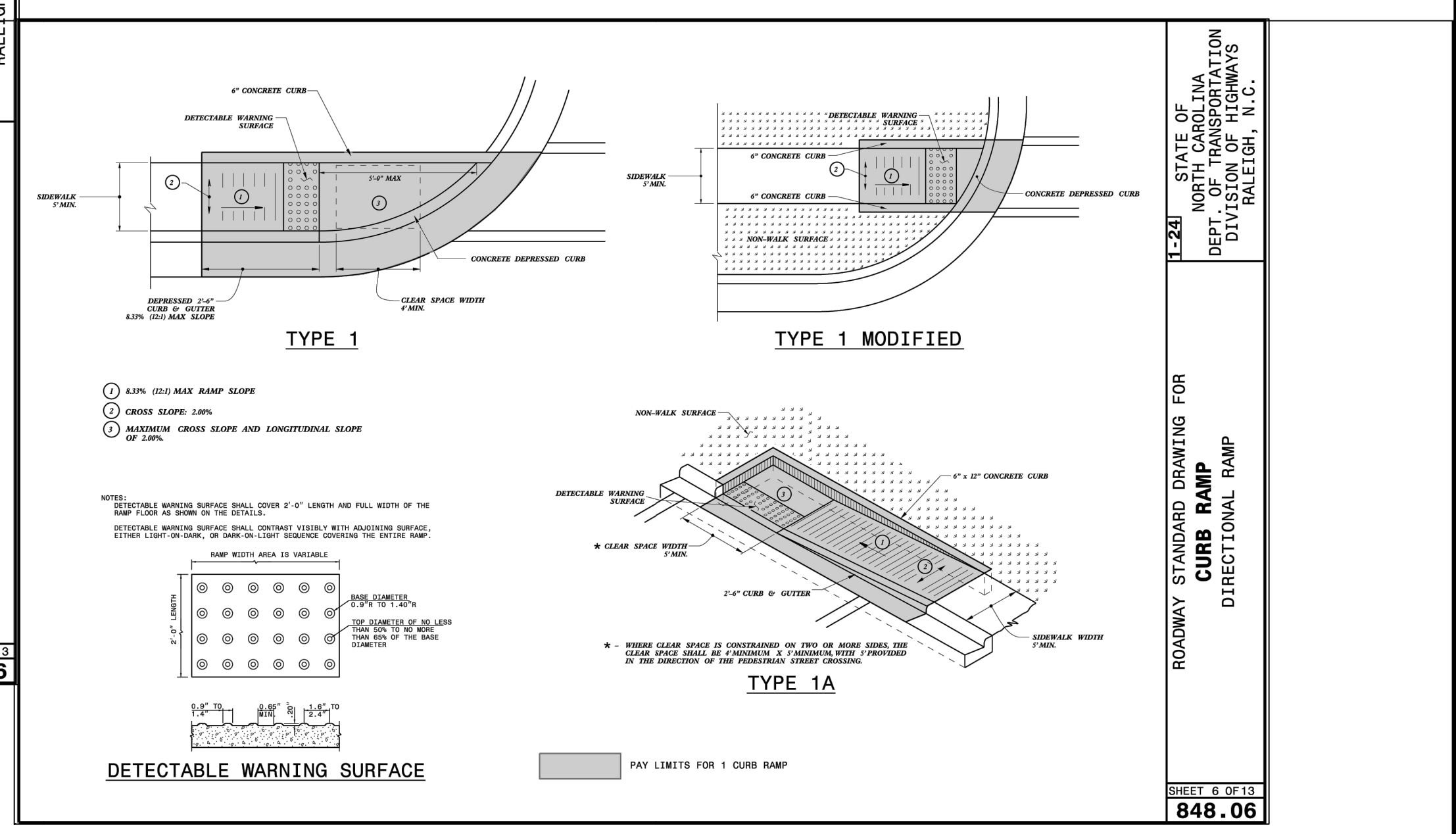
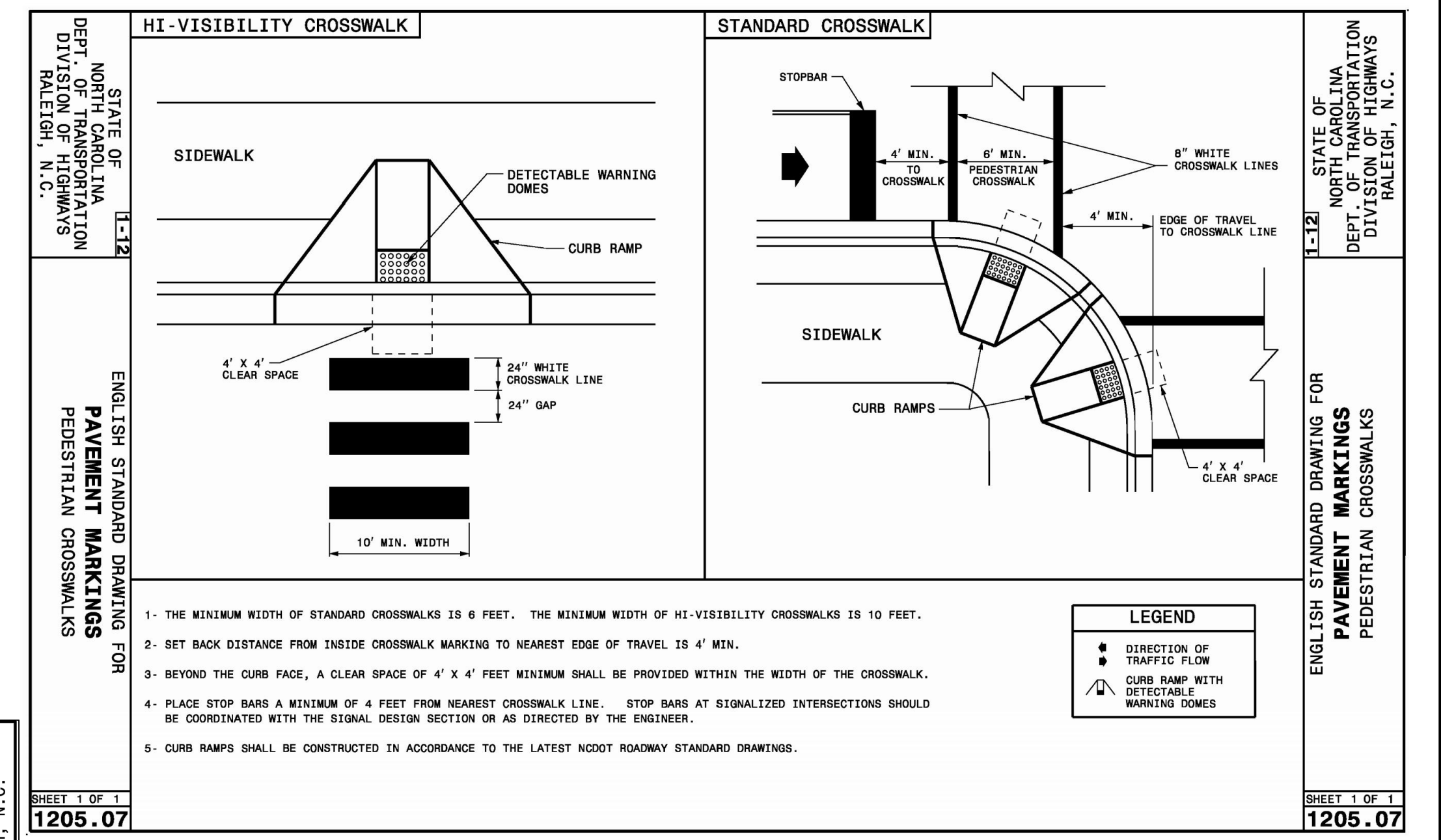
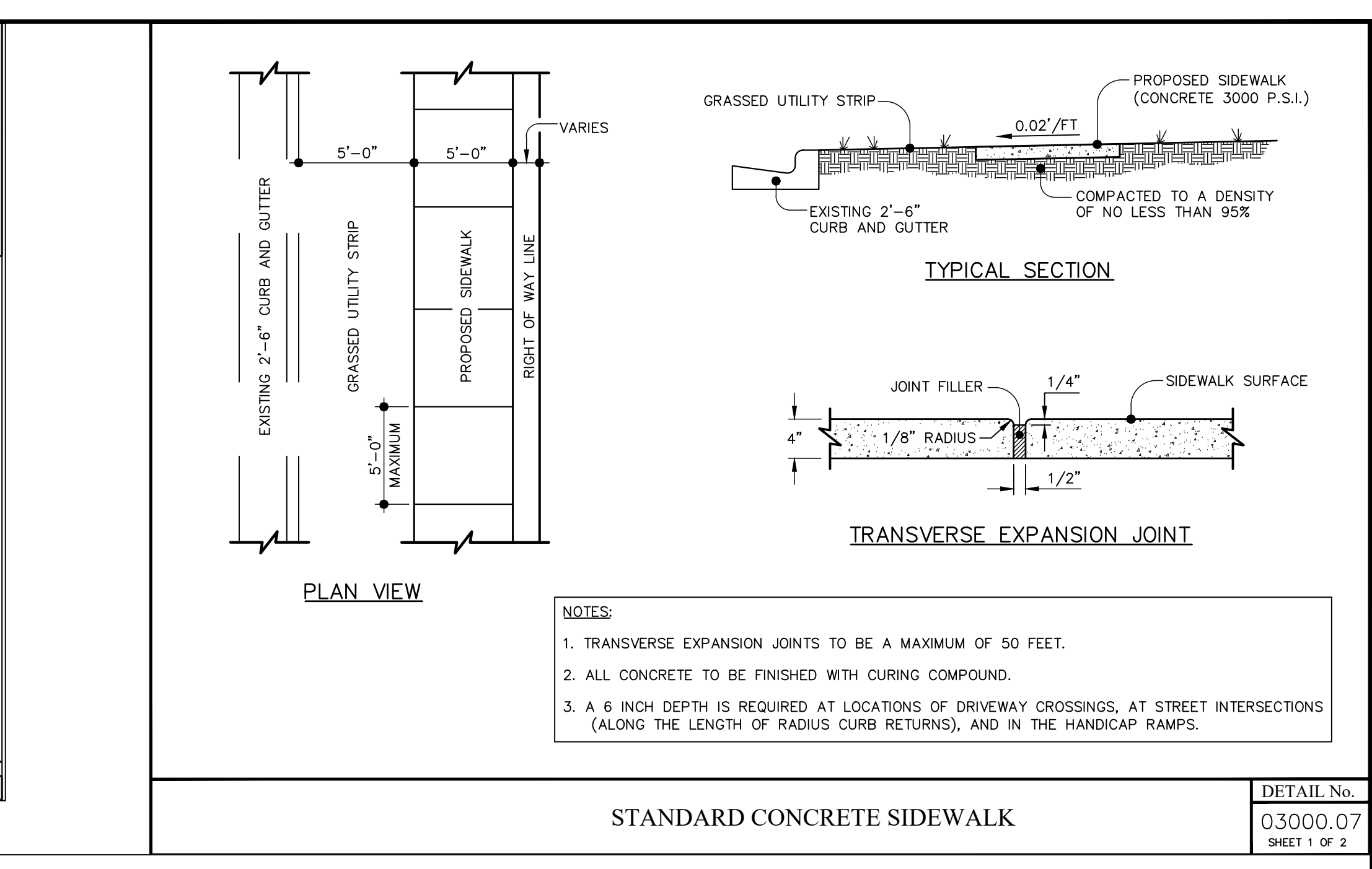
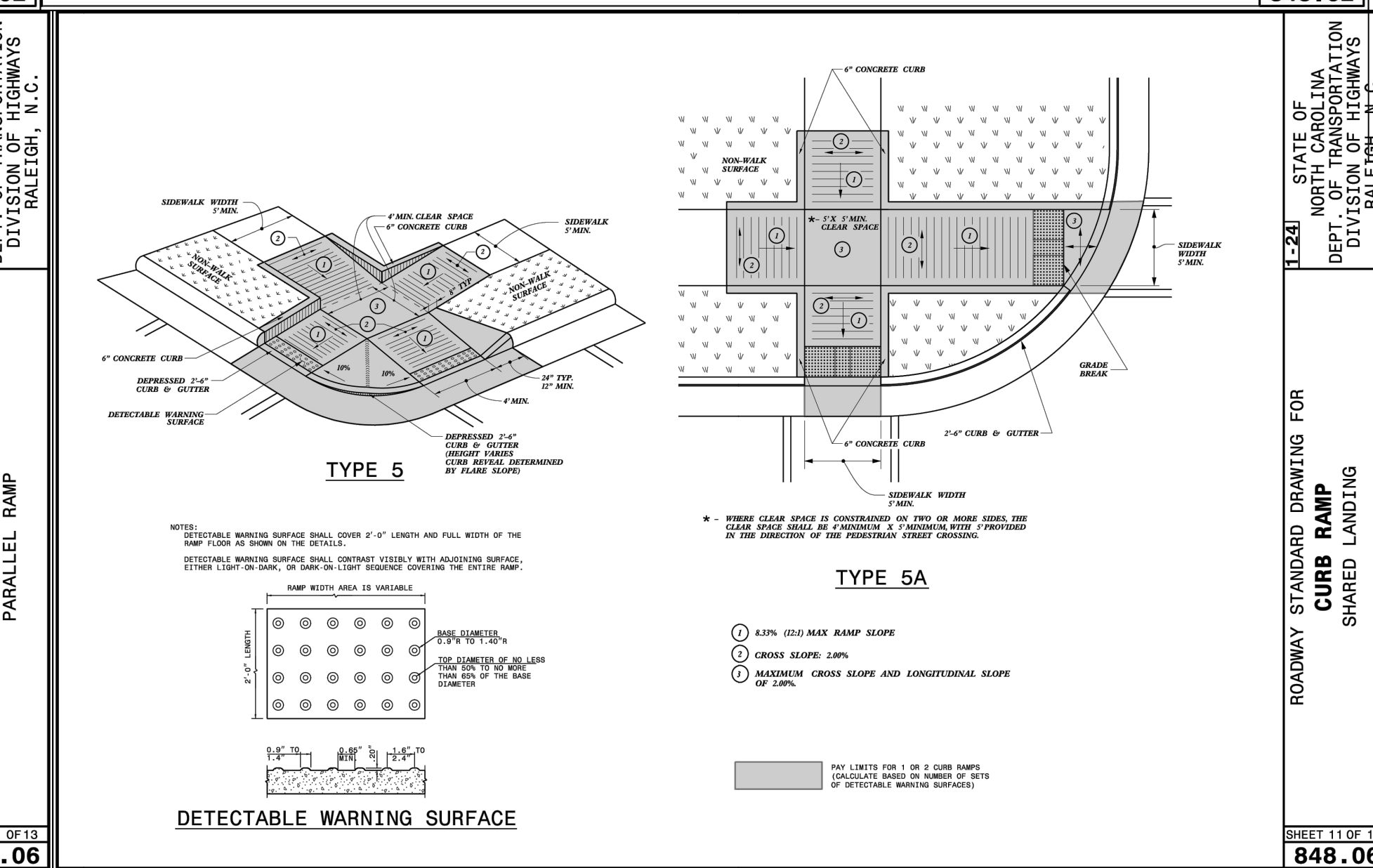
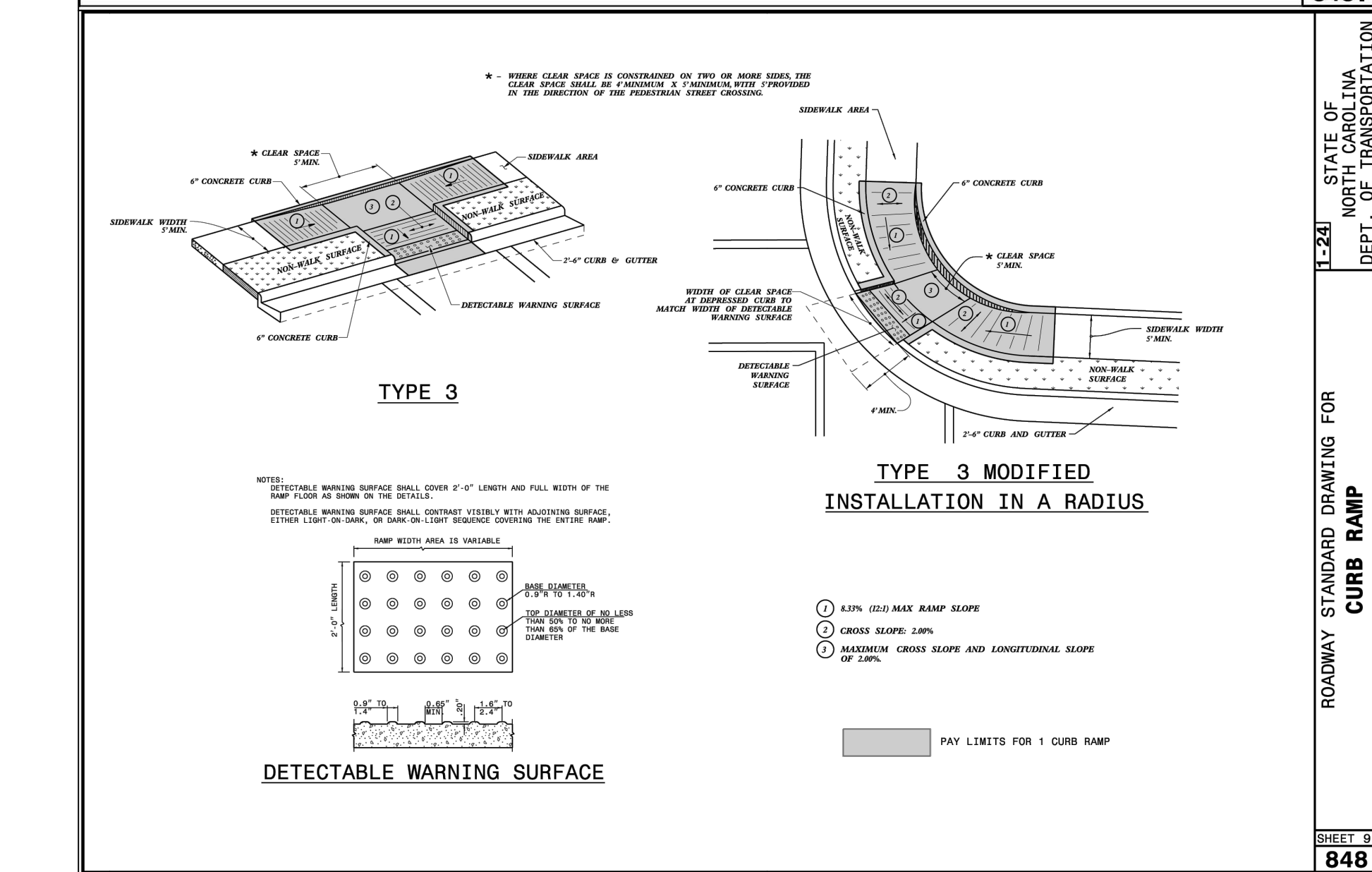
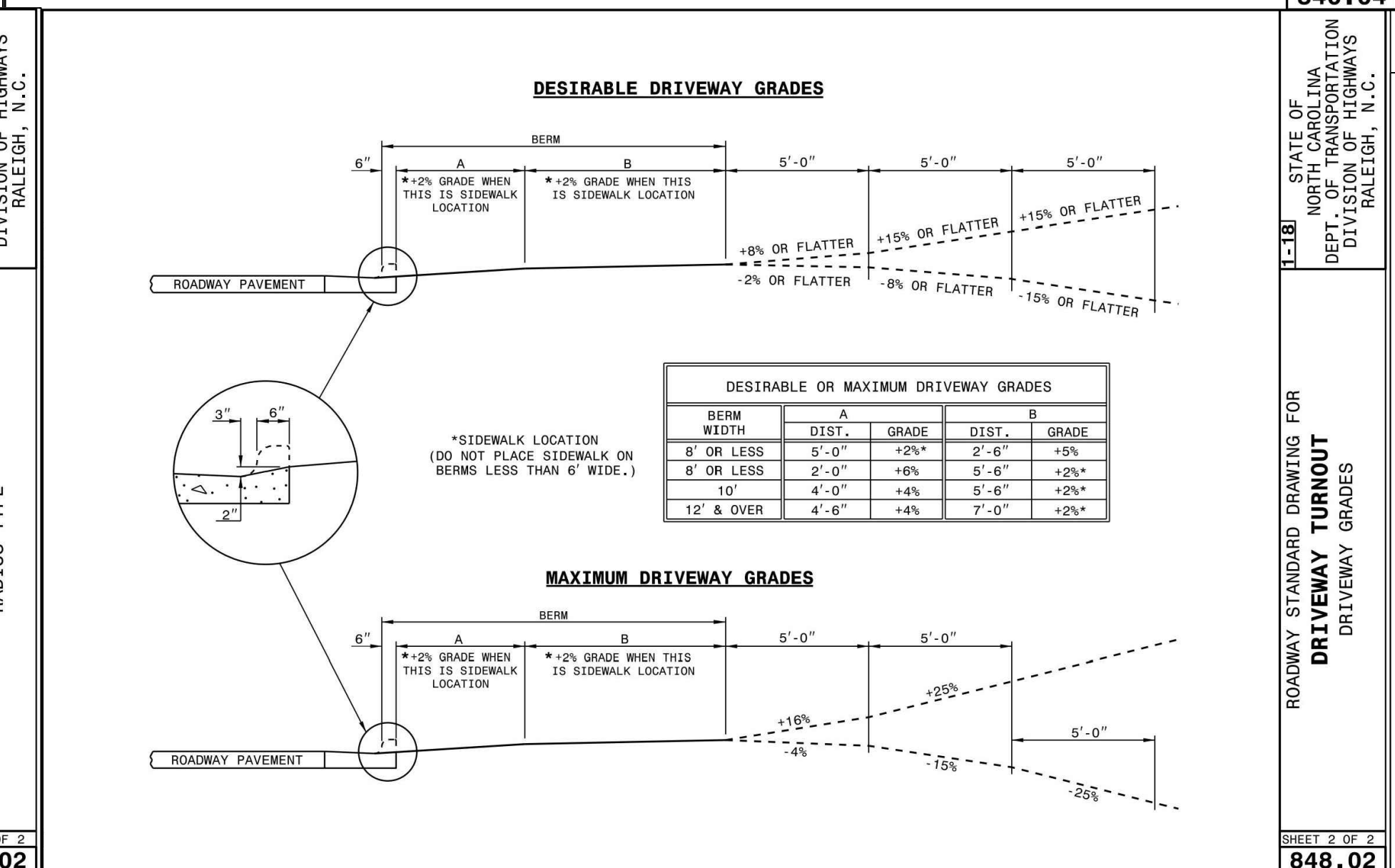
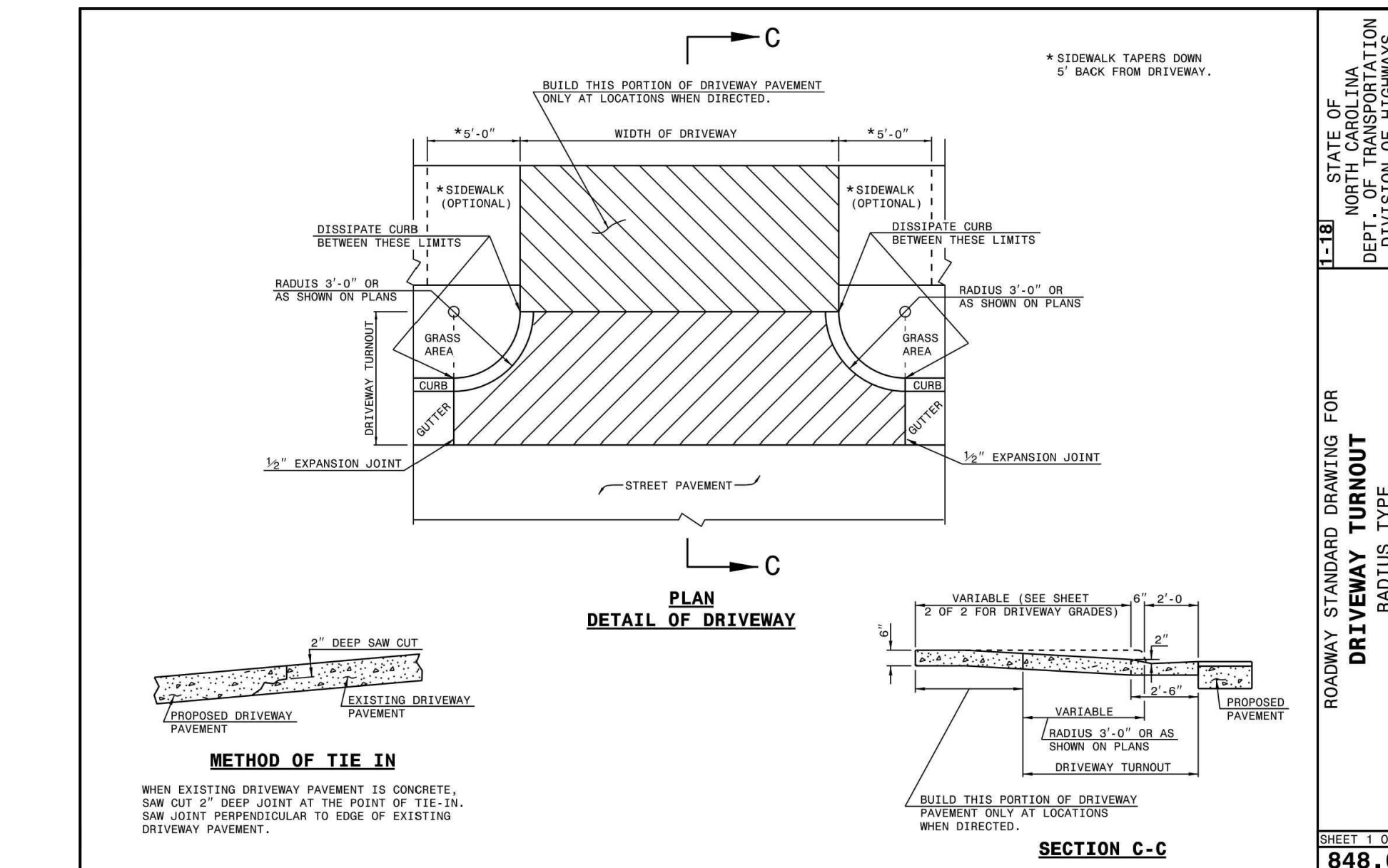
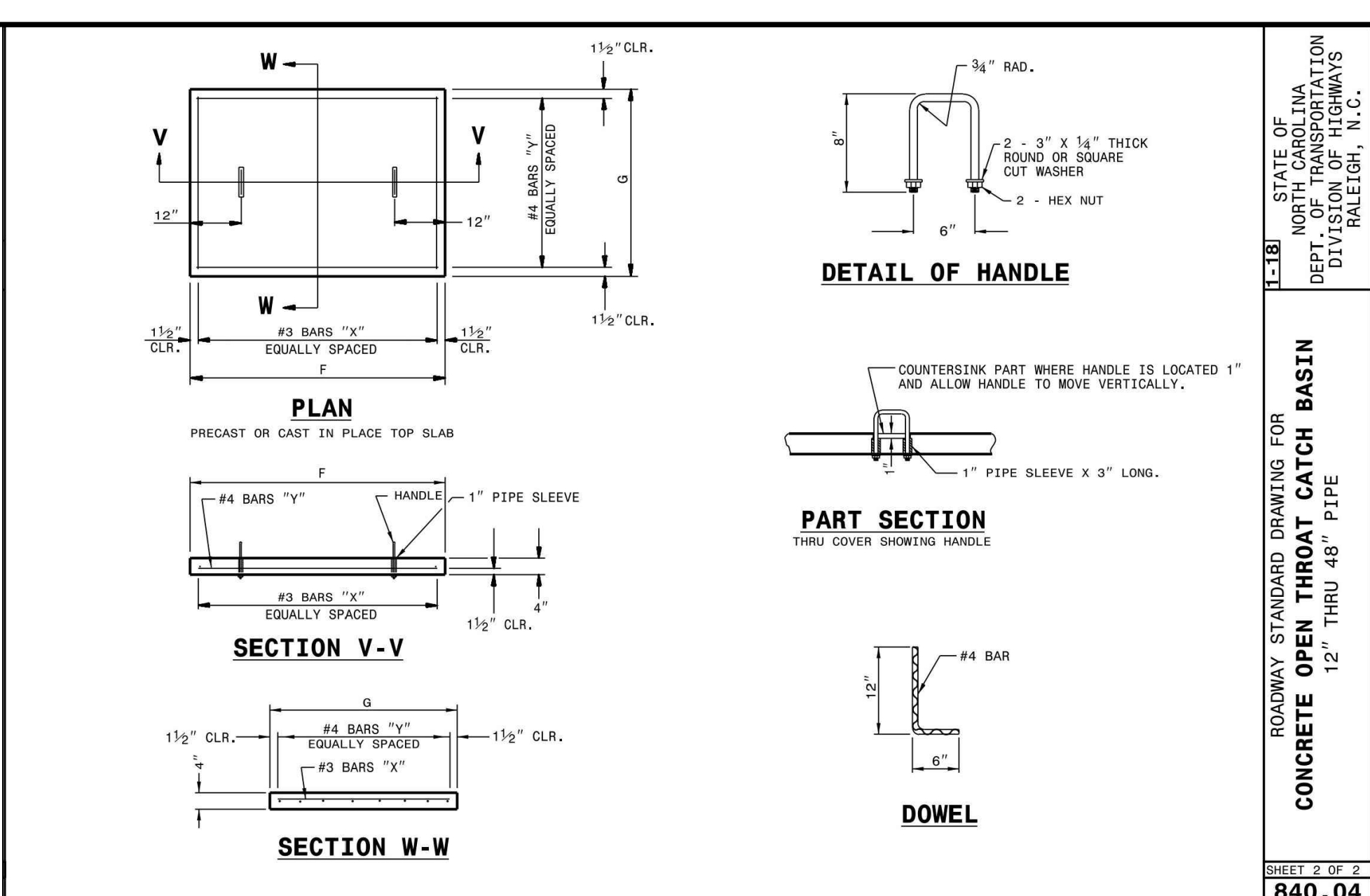
North Carolina 811
811 or 1-800-633-4949
Remote Ticket Entry
http://nc811.org/remoteticketentry.htm

AMERICAN Engineering
Associates
4020 Westchase Boulevard, Suite 450
Raleigh, NC 27607



ROBERT P. KLINE
PROFESSIONAL ENGINEER
LICENSE NO. 35833
STATE OF NORTH CAROLINA

2:\job\21_000_1\mxd\development\Task 02\21020201.dwg, Working\Drawings\Construction\Set\021\021.dwg, Project Details.dwg, December 2, 2024



NO.	DATE	REVISION:

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THE PRESERVE AT MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024

SITE DETAILS

SHEET NO.: **CD15**

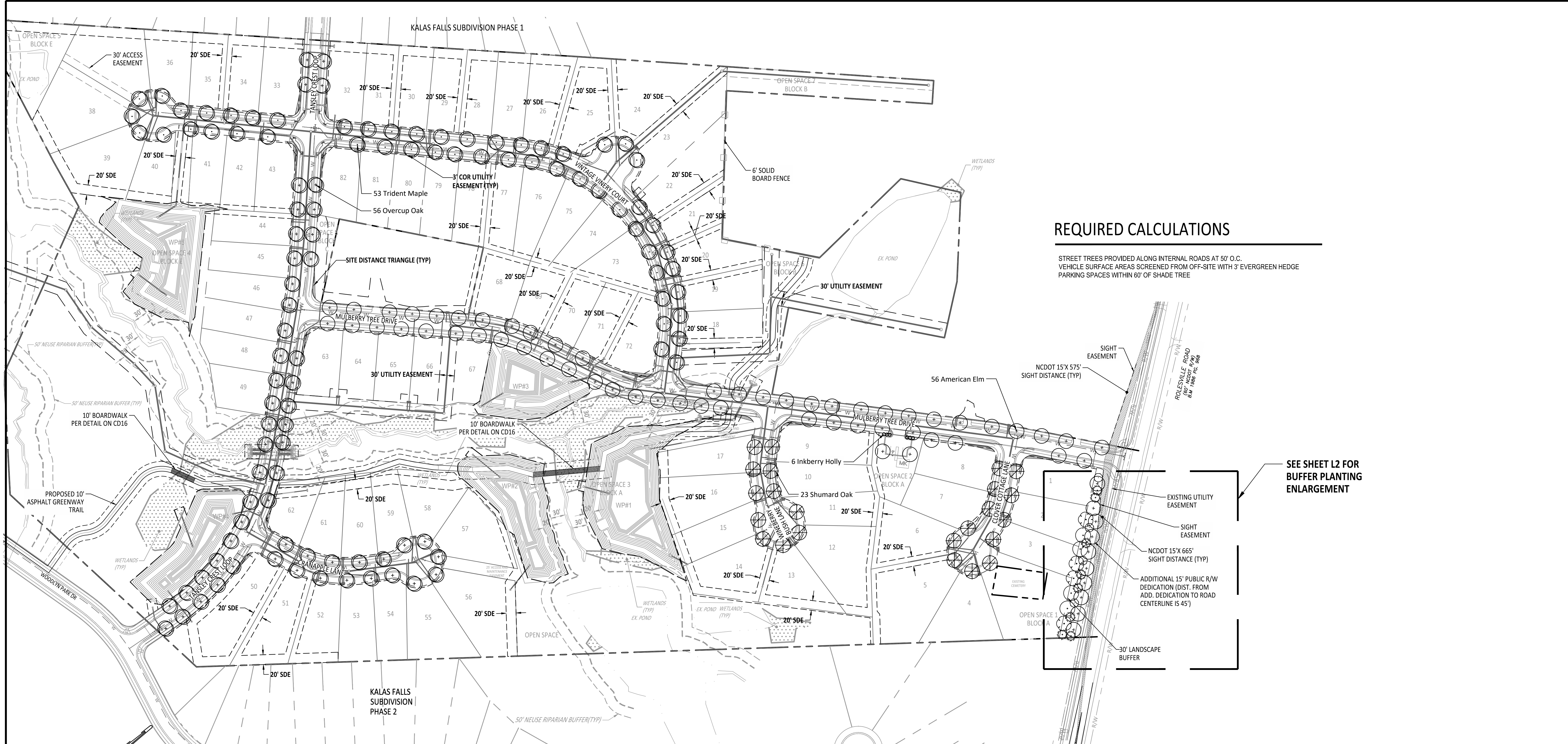
CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

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Raleigh Water Review Officer





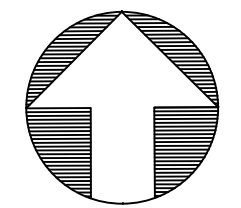
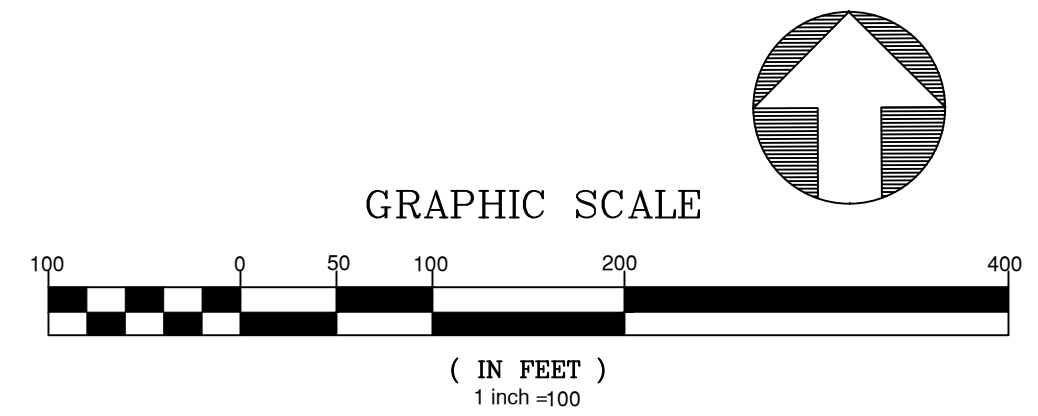
REQUIRED CALCULATIONS

STREET TREES PROVIDED ALONG INTERNAL ROADS AT 50' O.C.
VEHICLE SURFACE AREAS SCREENED FROM OFF-SITE WITH 3' EVERGREEN HEDGE
PARKING SPACES WITHIN 60' OF SHADE TREE

SEE SHEET L2 FOR
BUFFER PLANTING
ENLARGEMENT

PLANT SCHEDULE

KEY	QUAN.	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	NOTES
TREES						
	4	Ginkgo biloba 'Goldspire'	Goldspire Ginkgo	2.5" Cal., 8' Ht.	B & B	Large mature tree
	4	Juniperus virginiana	Eastern Red Cedar	1.5" Cal., 6' Ht.	B & B	Evergreen tree
	4	Nyssa sylvatica 'Green Gable'	Green Gable Blackgum	1.5" Cal., 6' Ht.	B & B	Small mature tree
	23	Quercus shumardii	Shumard Oak	2.5" Cal., 8' Ht.	B & B	Large mature tree
	56	Quercus lyrata	Overcup Oak	2.5" Cal., 8' Ht.	B & B	Large mature tree
	8	Thuja occidentalis 'Emerald Green'	Emerald Green Arborvitae	1.5" Cal., 6' Ht.	B & B	Evergreen tree
	66	Ulmus americana	American Elm	2.5" Cal., 8' Ht.	B & B	Large mature tree
	53	Acer buergerianum	Trident Maple	2.5" Cal., 8' Ht.	B & B	Large mature tree
SHRUBS						
	6	Ilex glabra	Inkberry Holly	#3 Gallon	Cont.	Evergreen shrub



NO.	DATE	REVISION

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THE PRESERVE
AT
MOODY FARM
ROLESVILLE ROAD
WAKE COUNTY, NC

JOB NUMBER: 21-002
CHECKED BY: JK
DRAWN BY: RC & SM
DATE: 12/02/2024
SHEET TITLE:
LANDSCAPE PLAN
SHEET NO.:
L1

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION
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City of Raleigh Development Approval _____
Raleigh Water Review Officer



