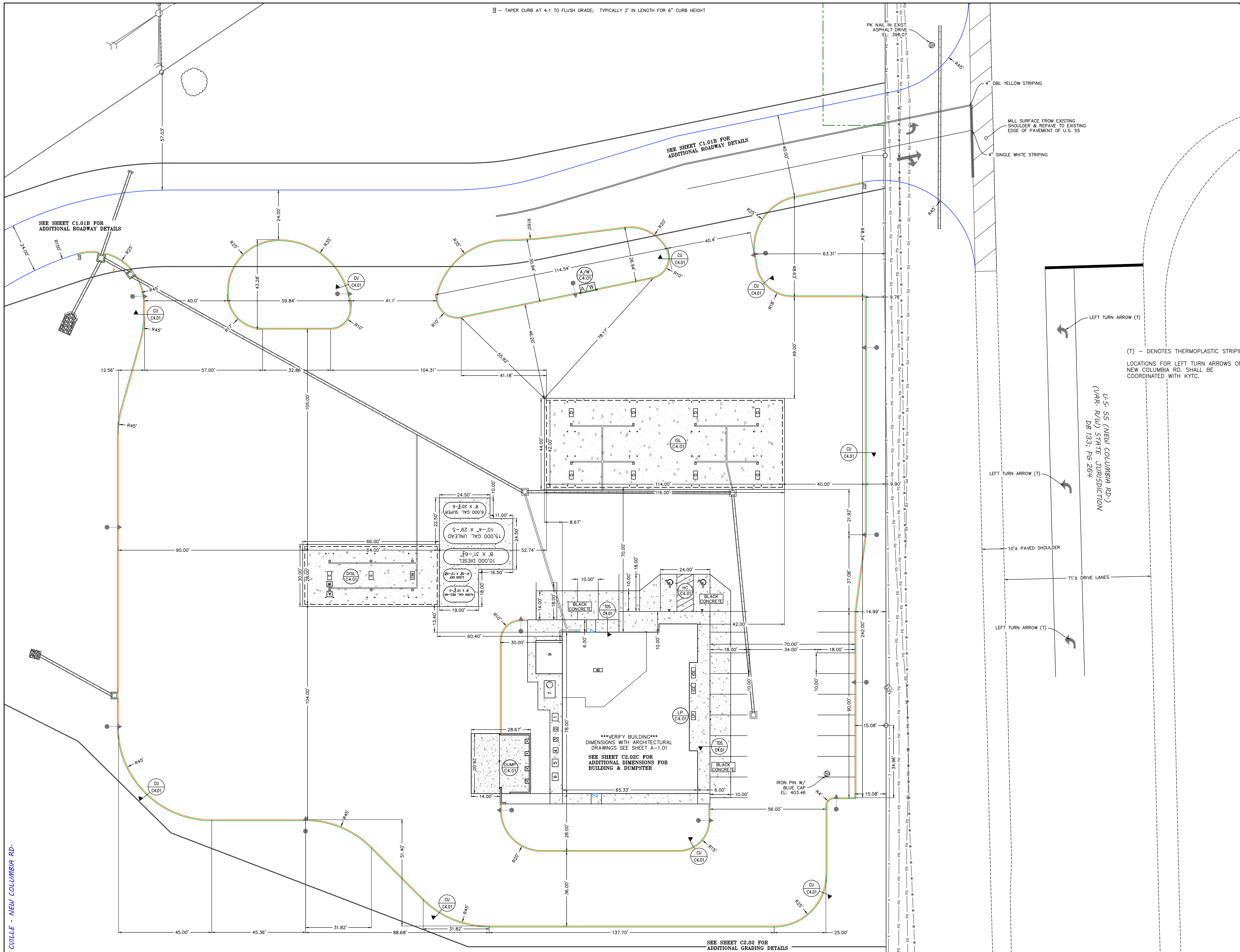


— TAPER CURB AT 4:1 TO FLUSH GRADE, TYPICALLY 2' IN LENGTH FOR 6" CURB HEIGHT



LAYOUT NOTES:

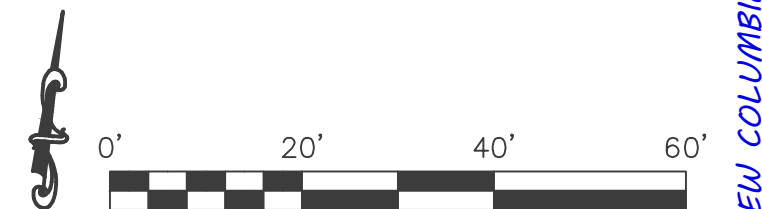
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(T) - DENOTES THERMOPLASTIC STRIPING
LOCATIONS FOR LEFT TURN ARROWS ON NEW COLUMBIA RD. SHALL BE COORDINATED WITH KYTC.

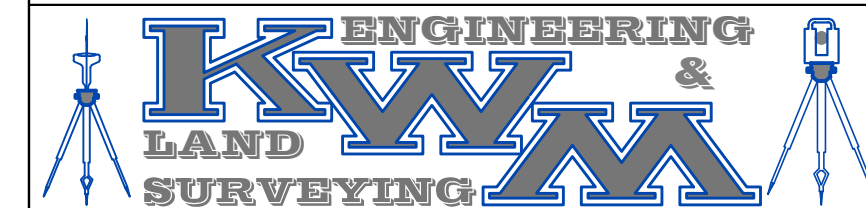
U.S. 55 (NEW COLUMBIA RD.)
(VAR. R/I/D) STATE JURISDICTION
D8 133; Pg 264

SITE LEGEND

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- ⊙ = BENCHMARK
- ▭ (dashed) = PROPOSED STORM PIPE
- ▭ (solid) = CONCRETE AREA
- = PROPERTY LINES



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951 WITHROW CT.
BARDSTOWN, KY 40004



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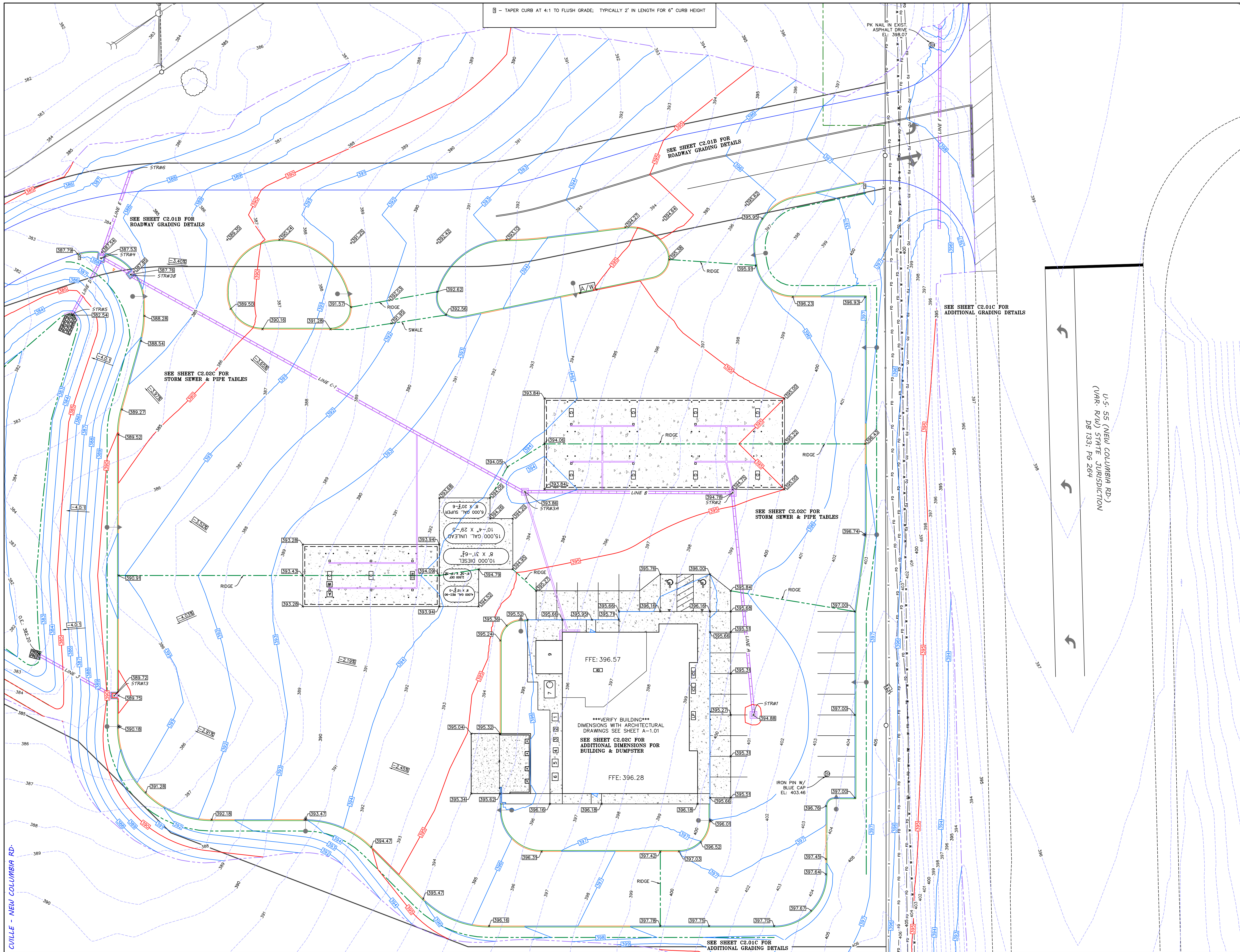
REVISIONS:	DATE:
REVIEW PLANS	02-18-2022
ADDED DROP BOXES AND PIPE	02-23-2022
RELOCATED GAS CANOPY; WIDENED CURB	02-25-2022

SCALE: 1" = 20' DATE: 11-18-2021

SHEET: **C1.01A**
PROPOSED LAYOUT

CIVILLE - NEW COLUMBIA RD.

CIVILLE - NEW COLUMBIA RD.

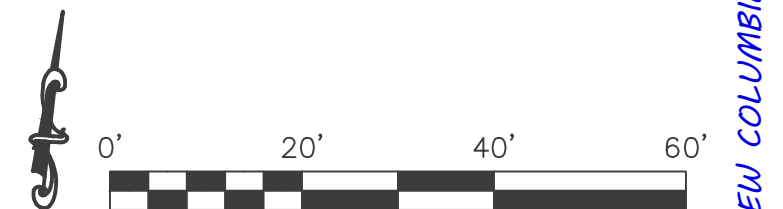


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11. ALL CURB STOPS AND CURB CUTS ABUTTING TRAVELED WAYS SHALL TAPER TO ASPHALT GRADE AT A MIN. 4:1 SLOPE.

SITE LEGEND

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- = CONCRETE AREA
- = PROPERTY LINES
- = EXISTING CONTOURS
- = PROPOSED CONTOURS
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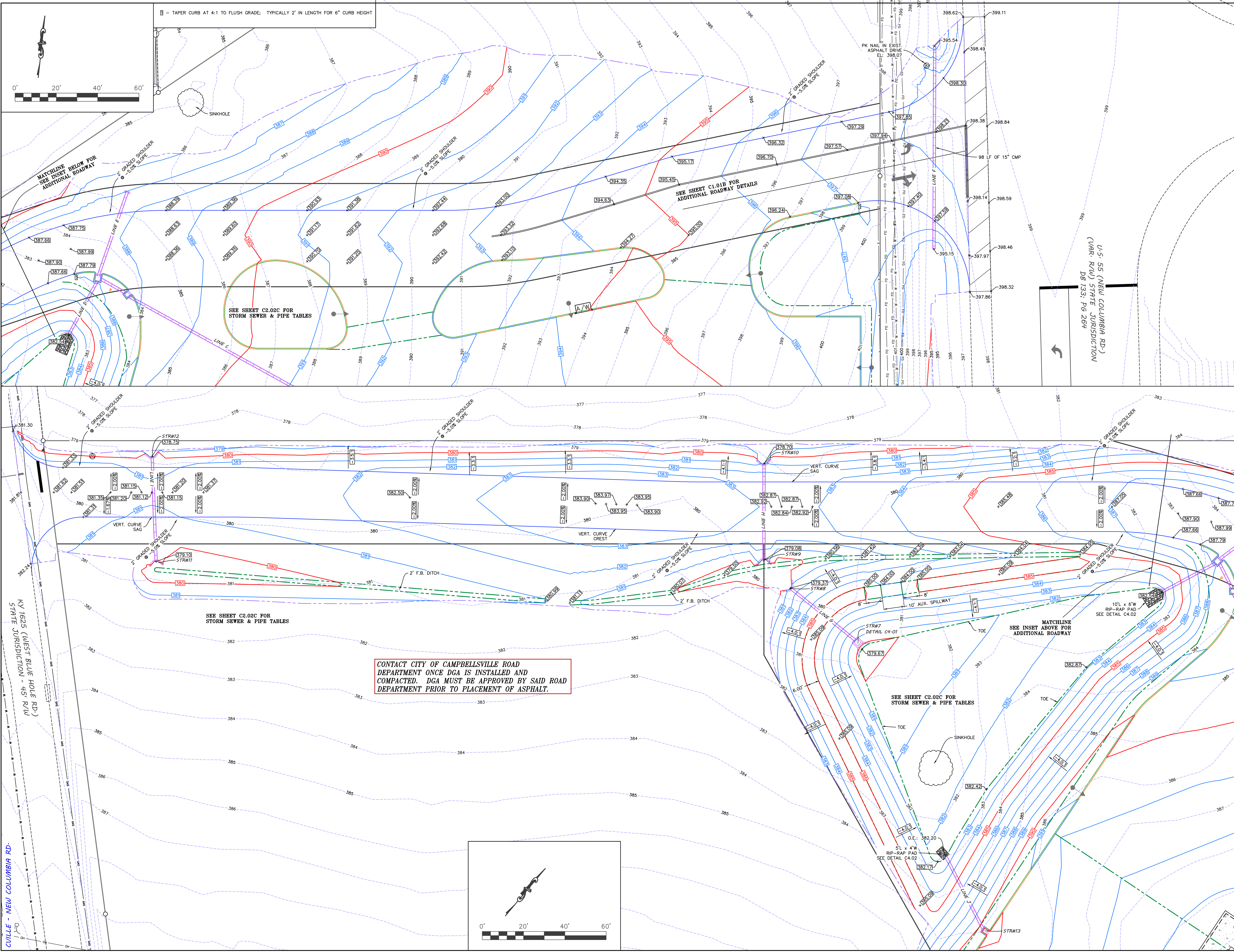
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PROPOSED GRADE & DRAIN **C2.01A**

CIVILE - NEW COLUMBIA RD.

CIVILE - NEW COLUMBIA RD.

U.S. 55 (NEW COLUMBIA RD.)
 (VAR. R/I) STATE JURISDICTION
 D8 133, Pg 264



— TAPER CURB AT 4:1 TO FLUSH GRADE; TYPICALLY 2' IN LENGTH FOR 6" CURB HEIGHT



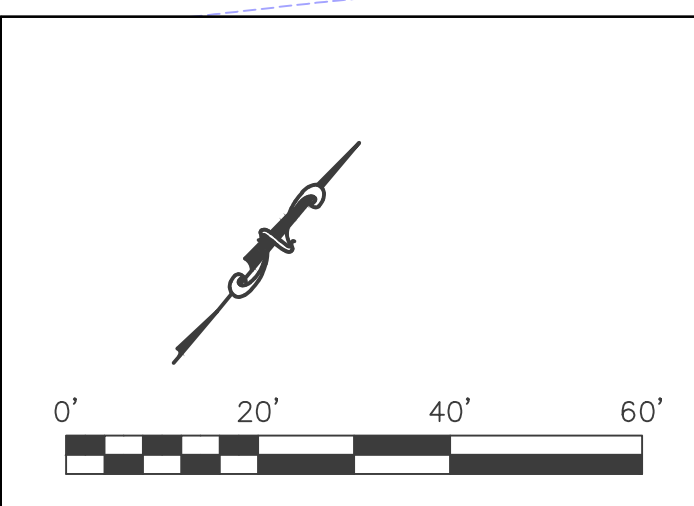
SEE SHEET C2.02C FOR STORM SEWER & PIPE TABLES

SEE SHEET C1.01B FOR ADDITIONAL ROADWAY DETAILS

SEE SHEET C2.02C FOR STORM SEWER & PIPE TABLES

CONTACT CITY OF CAMPBELLVILLE ROAD DEPARTMENT ONCE DGA IS INSTALLED AND COMPACTED. DGA MUST BE APPROVED BY SAID ROAD DEPARTMENT PRIOR TO PLACEMENT OF ASPHALT.

SEE SHEET C2.02C FOR STORM SEWER & PIPE TABLES



DRAIN & GRADE NOTES:

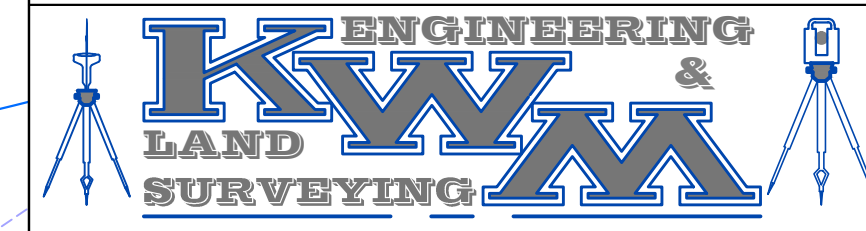
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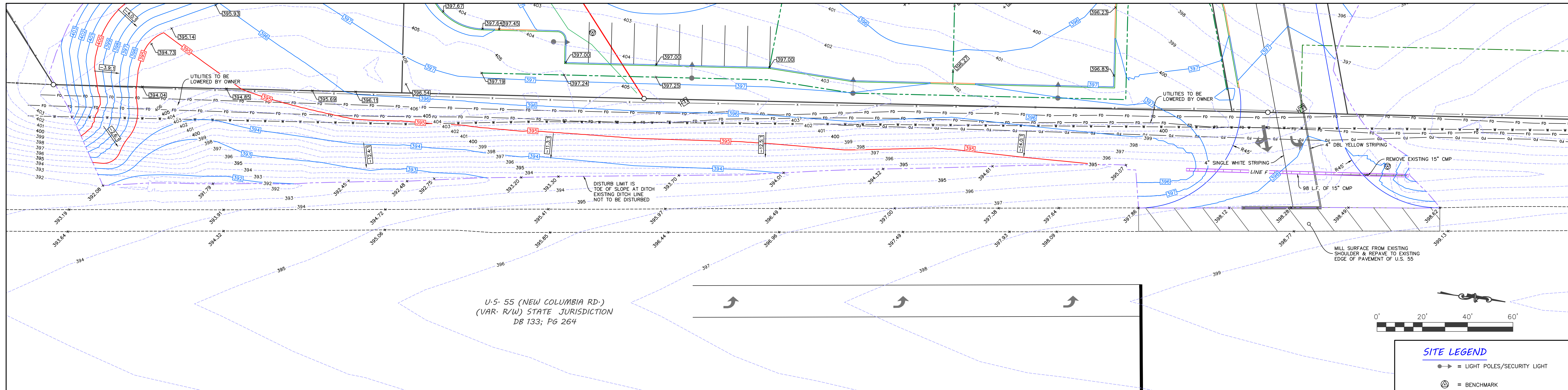
PROPOSED GRADE & DRAIN **C2.01B**

CIVILE - NEW COLUMBIA RD.

CIVILE - NEW COLUMBIA RD.

U.S. 55 (NEW COLUMBIA RD.)
(VAR. RW) STATE JURISDICTION
DB 133; Pg 264

KY 1625 (WEST BLUE HOLE RD.)
STATE JURISDICTION - 45 RW



SITE LEGEND

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- +690.00 = EXISTING GRADE SPOT SHOT
- ▨ = PROPOSED STORM PIPE
- ▭ = CONCRETE AREA
- 690 — = PROPERTY LINES
- 630 — = EXISTING CONTOURS
- 630 — = PROPOSED CONTOURS
- - - = DISTURB LIMITS

STRUCTURE TABLE

NAME	DETAILS	TYPE	GRATE
STR#1	T.G. = 394.88 INV OUT = 391.88 (LINE A)	24" X 24" STD. DBI DROP BOX INLET OR EQUIV.	JBS 4075 OR APPROVED EQUIV.
STR#2	T.G. = 394.78 INV IN = 390.82 (LINE A) INV IN = 390.82 (CANOPY DRAIN) INV OUT = 390.82 (LINE B)	24" X 24" STD. DBI DROP BOX INLET OR EQUIV.	JBS 4075 OR APPROVED EQUIV.
STR#3A	T.G. = 393.86 INV IN = 389.34 (LINE B) INV IN = 390.25 (ROOF DRAIN) INV OUT = 389.34 (LINE C-1)	24" X 24" STD. DBI DROP BOX INLET OR EQUIV.	JBS 4075 OR APPROVED EQUIV.
STR#3B	T.G. = 387.76 INV IN = 384.82 (LINE C-1) INV OUT = 384.82 (LINE C-2)	24" X 24" STD. DBI DROP BOX INLET OR EQUIV.	JBS 7514 OR APPROVED EQUIV.
STR#4	T.G. = 387.53 INV IN = 384.50 (LINE C-2) INV IN = 383.22 (LINE E) INV OUT = 383.22 (LINE D)	30" X 30" STD. DBI DROP BOX INLET OR EQUIV.	JBS 7515 OR APPROVED EQUIV.
STR#5	O.E. = 382.54 (LINE D)	CONC. HEADWALL FOR 24" HDPE	N/A
STR#6	I.E. = 383.78 (LINE E)	CAP & MARK END OF PIPE INLET	N/A
STR#7	T.G. = 383.60 (RISER STRUCTURE) INV OUT = 379.67 (LINE G)	30" X 30" STD. DBI DROP BOX INLET DETAIL ON C4.01	JBS 7515 OR APPROVED EQUIV.
STR#8	HDWL O.E. = 379.37 (LINE G)	CONC. HEADWALL FOR 15" HDPE	N/A
STR#9	HDWL I.E. = 379.08 (LINE H)	CONC. HEADWALL FOR 24" HDPE	N/A
STR#10	HDWL O.E. = 378.70 (LINE H)	CONC. HEADWALL FOR 24" HDPE	N/A
STR#11	HDWL I.E. = 379.10 (LINE I)	CONC. HEADWALL FOR 18" HDPE	N/A
STR#12	HDWL O.E. = 378.75 (LINE I)	CONC. HEADWALL FOR 18" HDPE	N/A
STR#13	T.G. = 389.72 INV OUT = 384.72 (LINE J)	24" X 24" STD. DBI DROP BOX INLET OR EQUIV.	JBS 7514 OR APPROVED EQUIV.

PIPE TABLE

NAME	SIZE (INCHES)	LENGTH (FT)	SLOPE (%)	COMMENTS
LINE A	12	106	1.0±	
LINE B	12	99	1.5±	
LINE C-1	12	217	2.1±	
LINE C-2	12	15	2.1±	
LINE D	24	29	2.3±	
LINE E	18	44	1.3±	CAP INLET; MARK FOR FUTURE CONNECTION
LINE F	15	98	0.4±	CORRUGATED METAL PIPE (CMP)
LINE G	15	41	0.6±	
LINE H	24	47	0.8±	
LINE I	18	51	0.6±	ENCASE PIPE IN CONCRETE DUE TO LACK OF COVER
LINE J	12	41	6.1±	

ALL PIPE TO BE HDPE WITH WATERTIGHT CONNECTIONS EXCEPT WHERE OTHERWISE NOTED ON PLANS. EQUIVALENT PIPE MAY BE UTILIZED WITH ENGINEER'S APPROVAL.

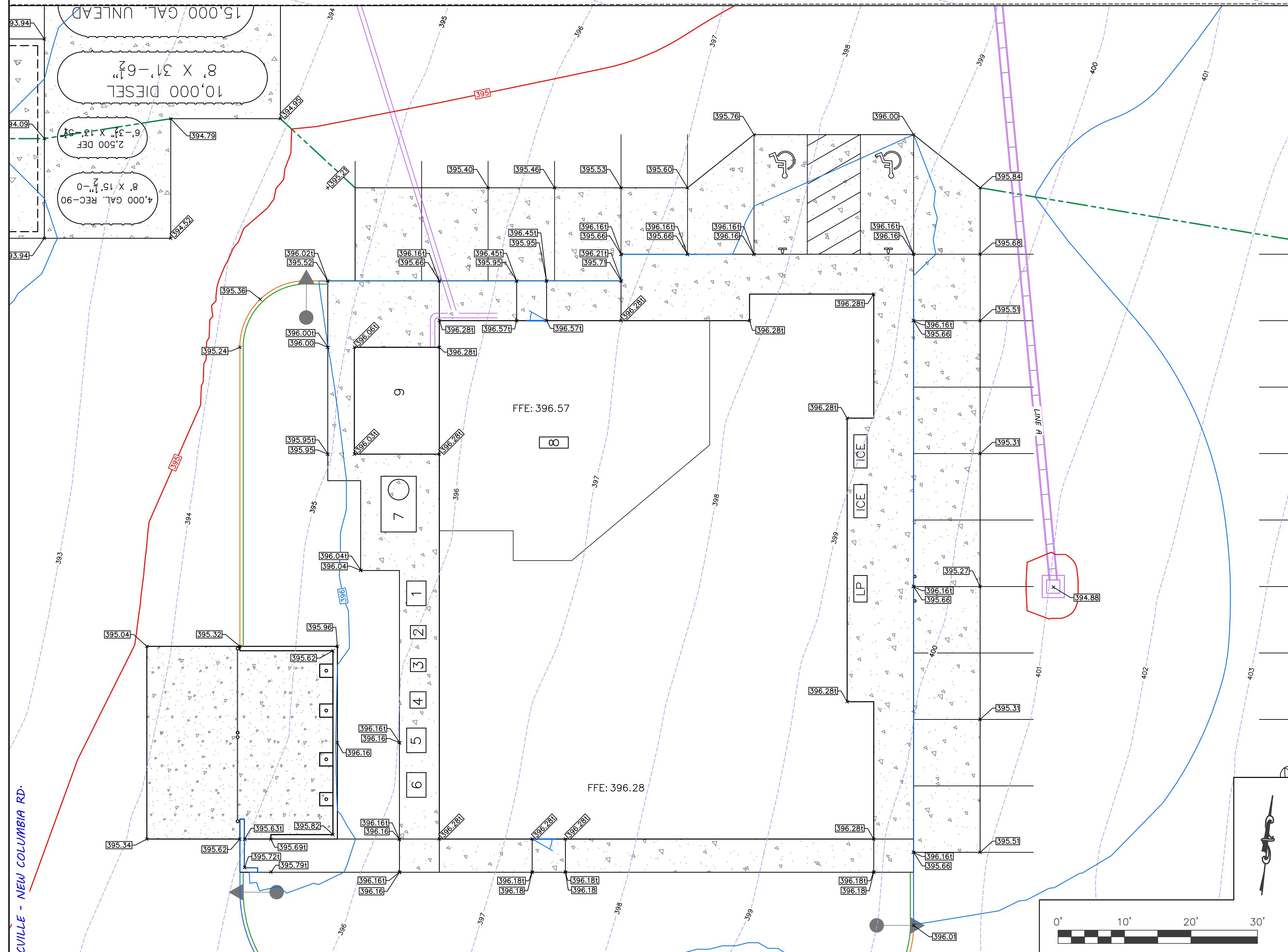
* CUTOFFS FOR ROOF DRAINS SHALL BE FOR 12" PIPE. ACTUAL SIZE DEPENDENT ON PLUMBING LAYOUT.

DRAIN & GRADE NOTES:

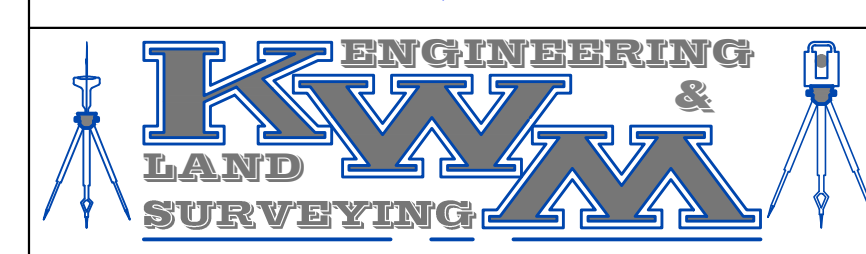
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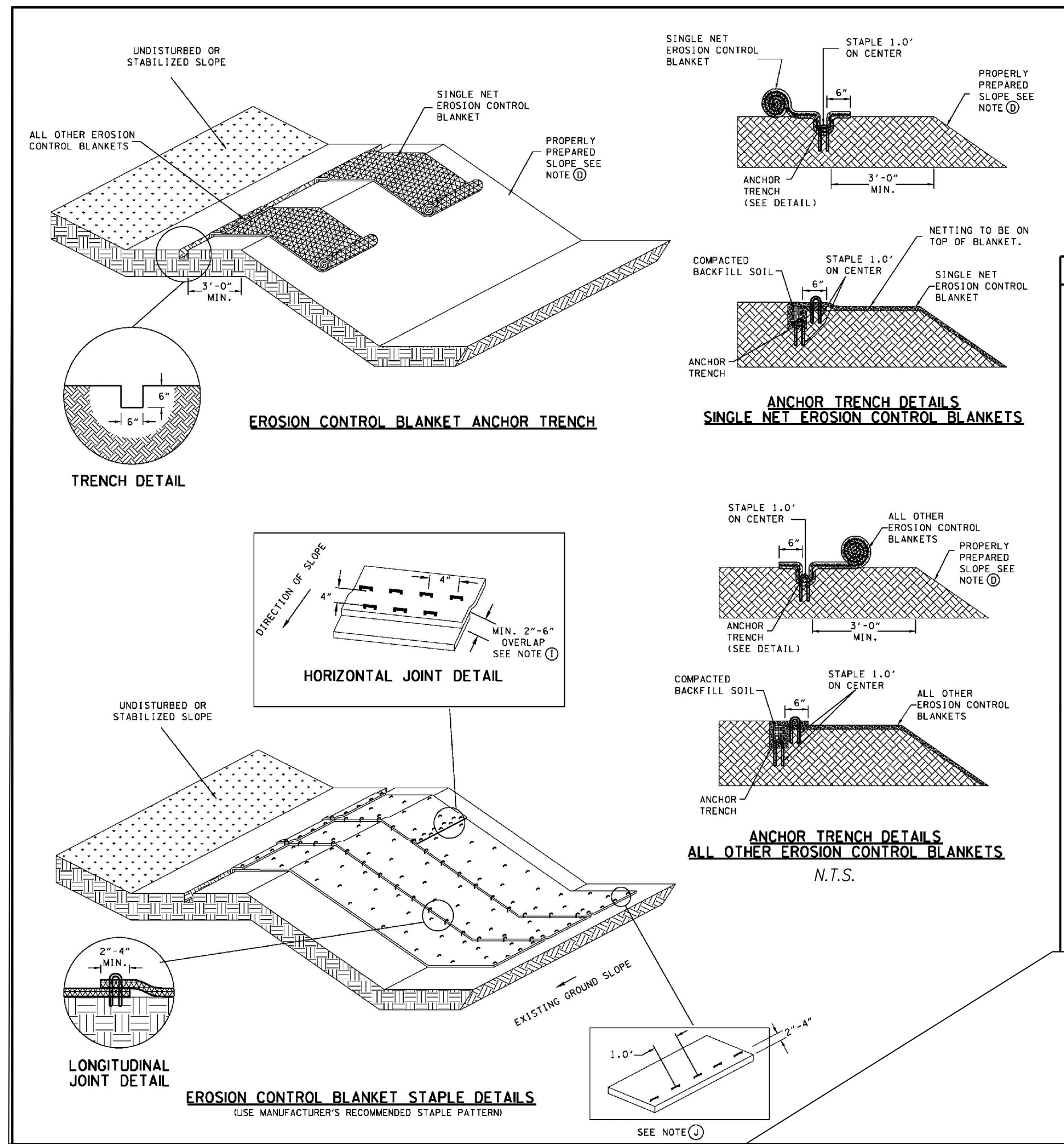
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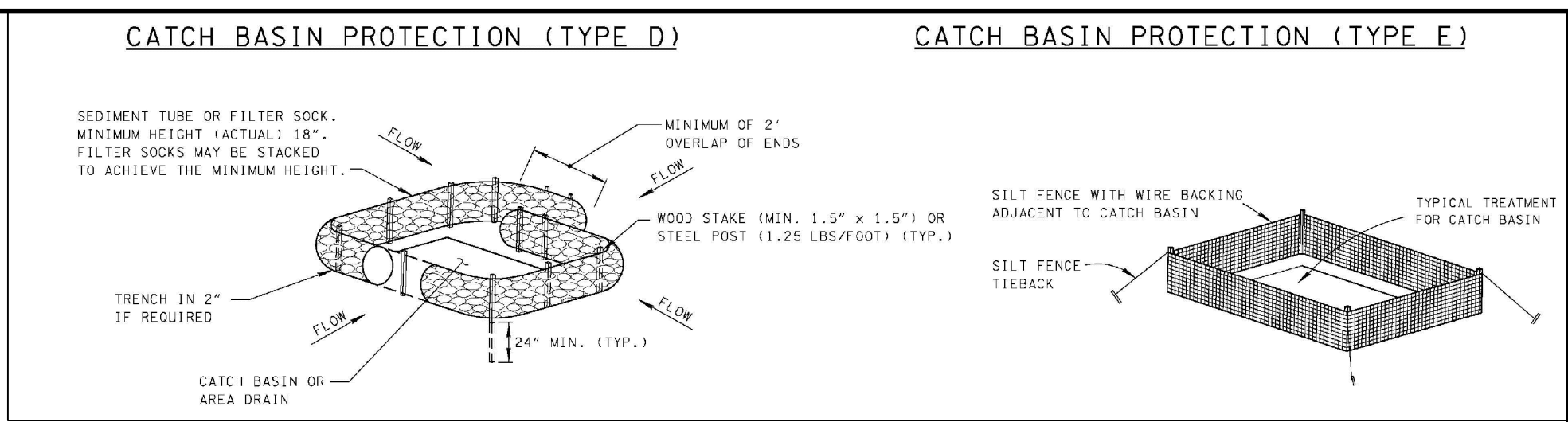
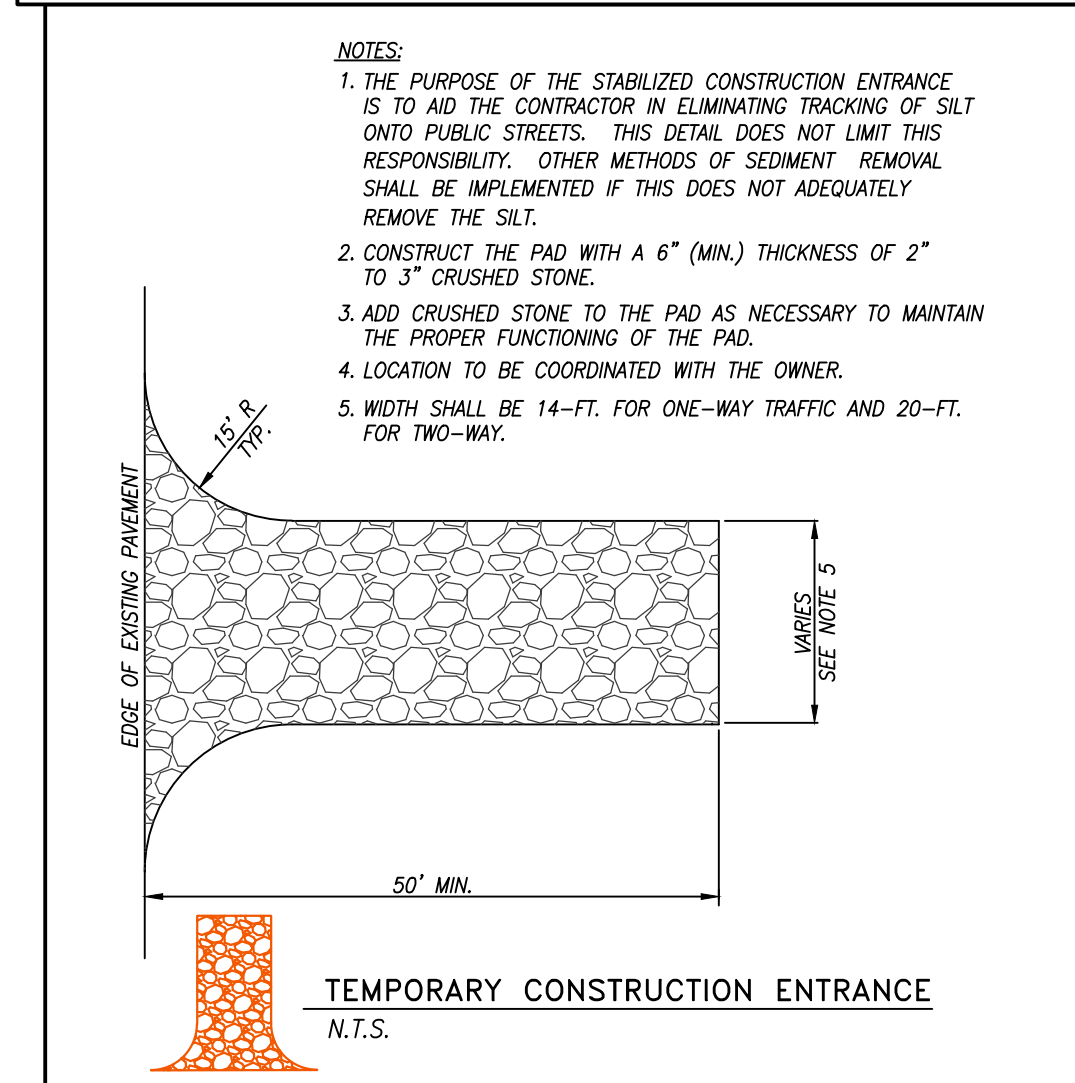
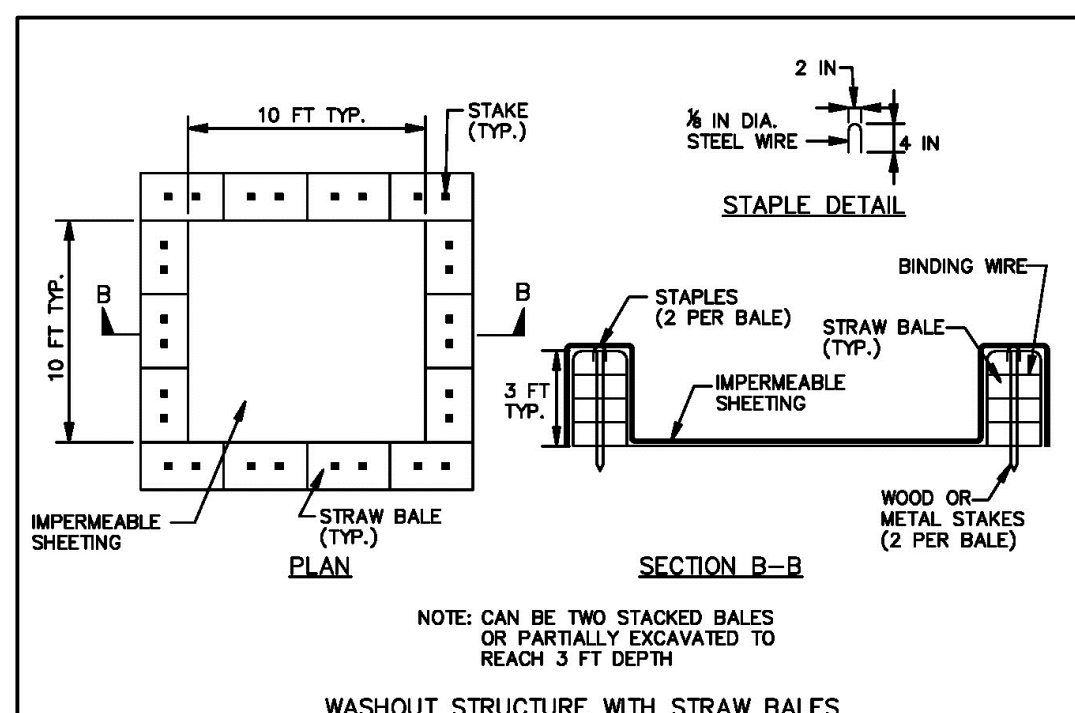
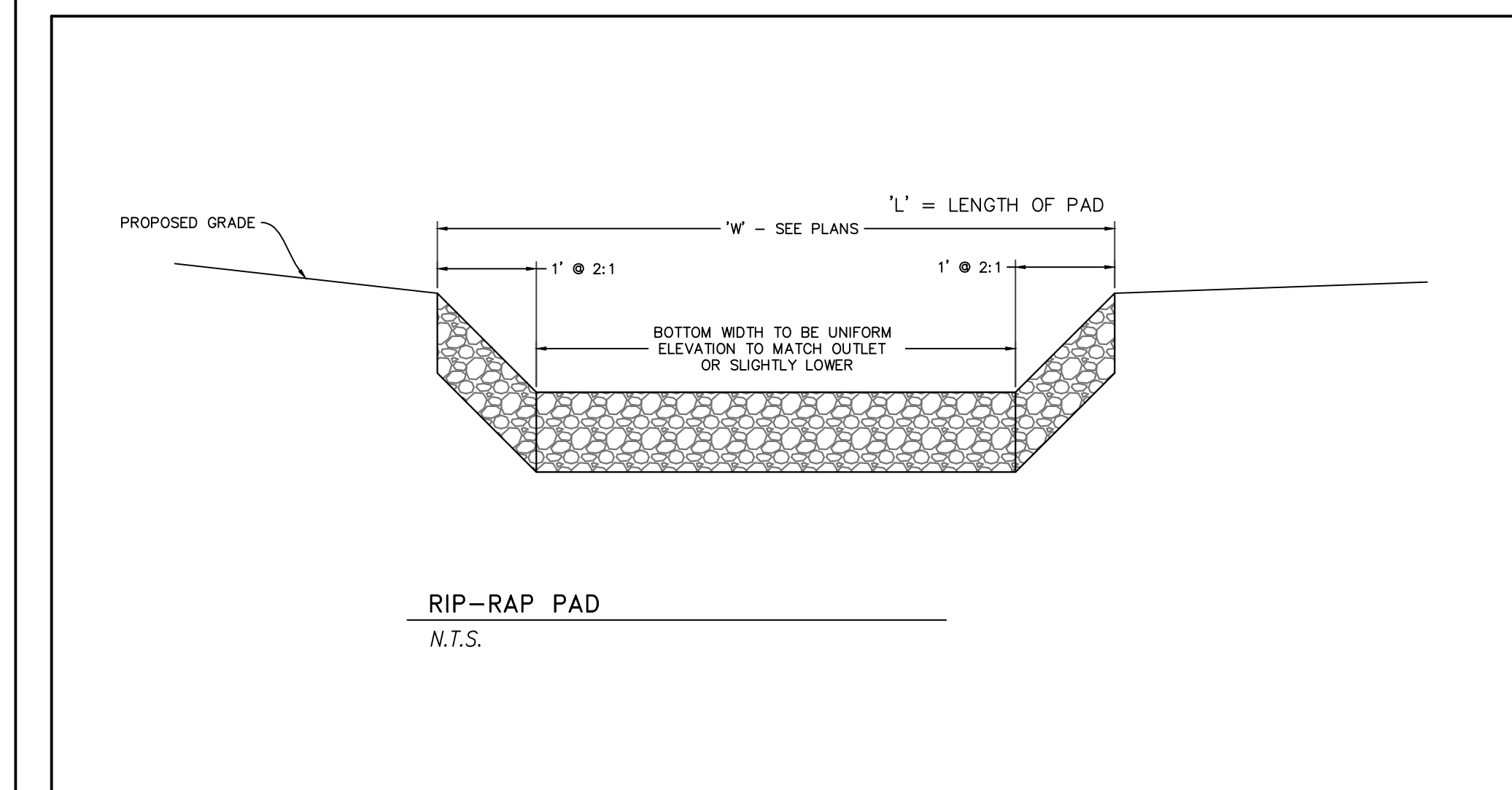
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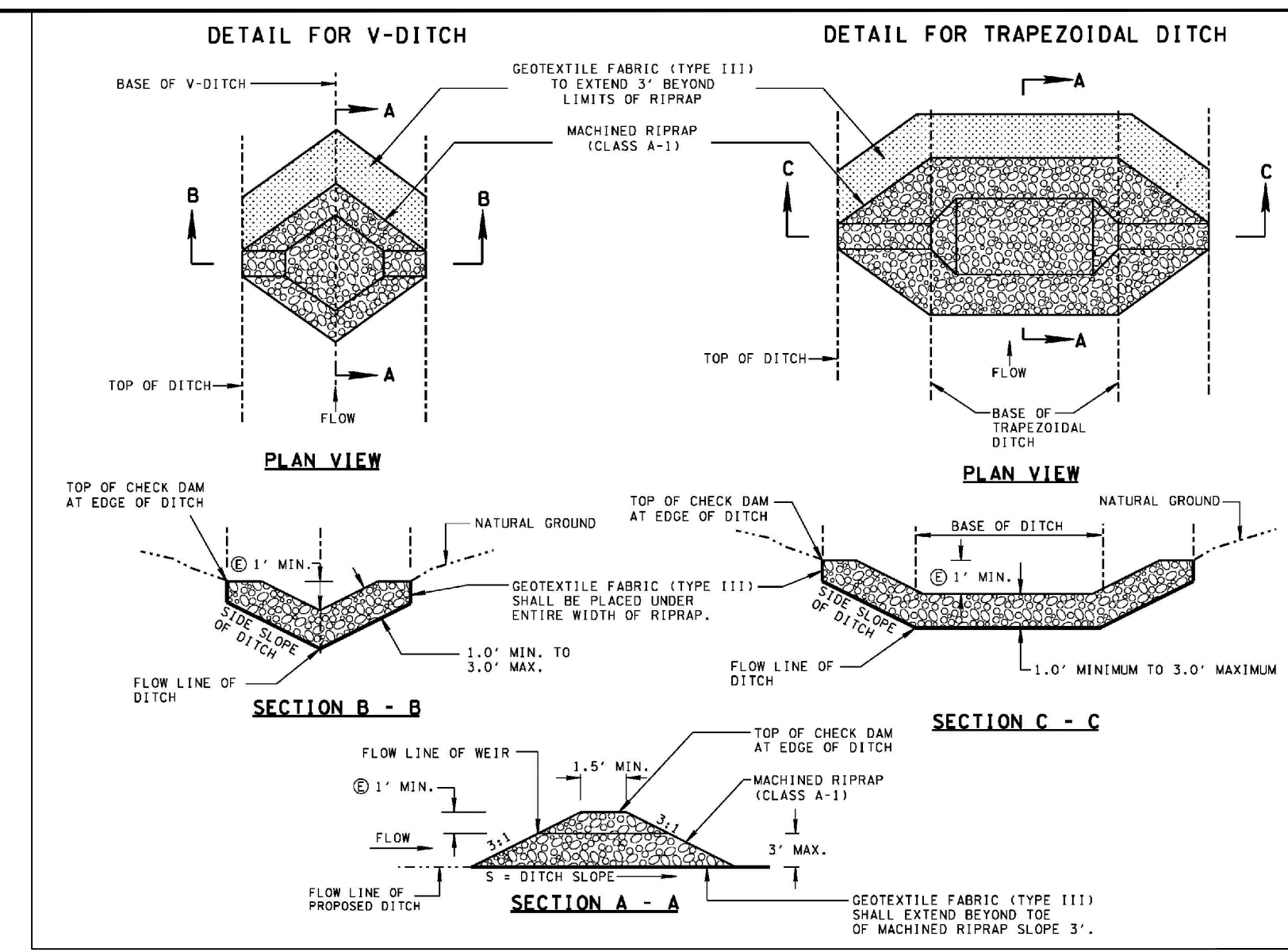
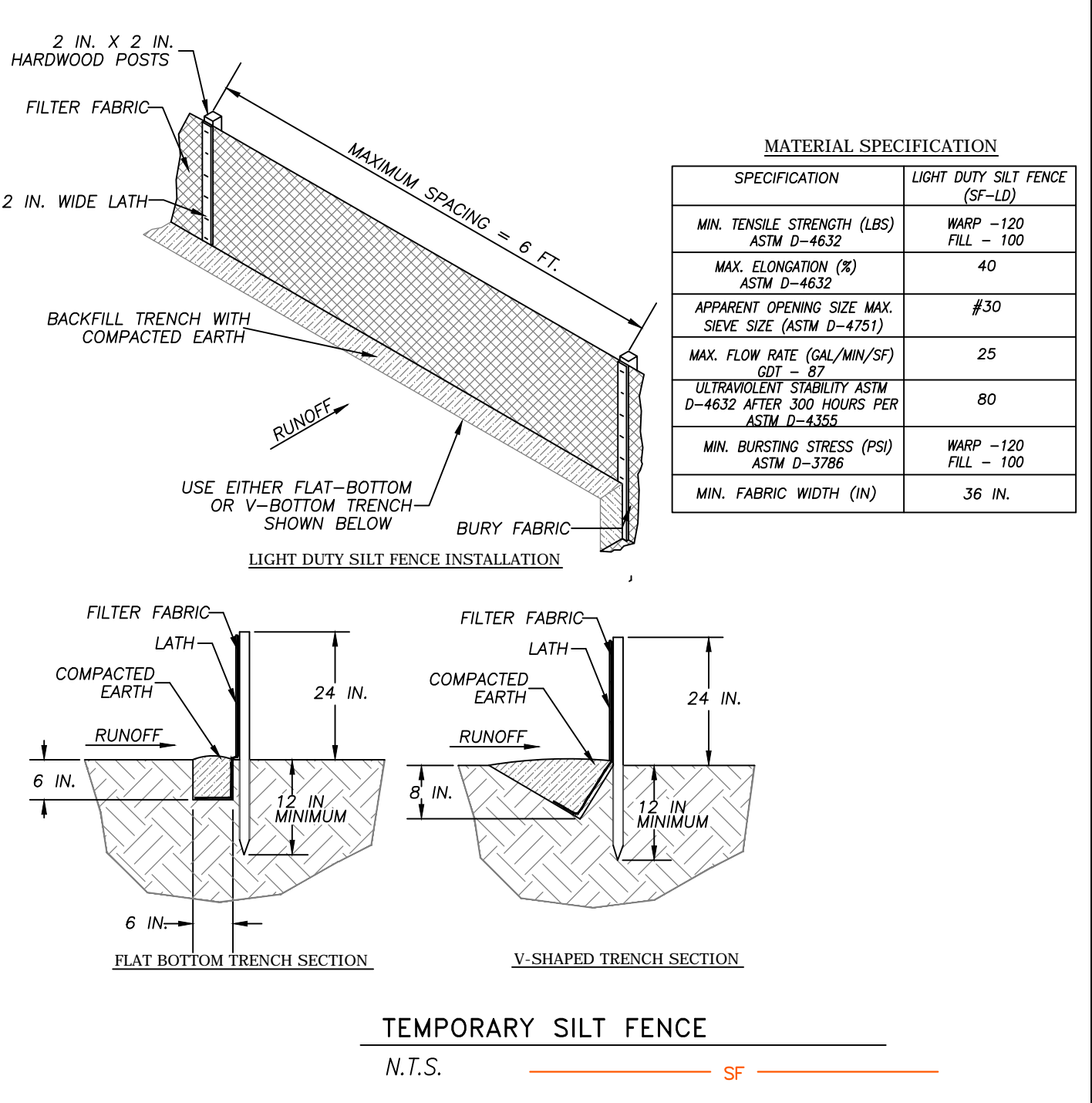
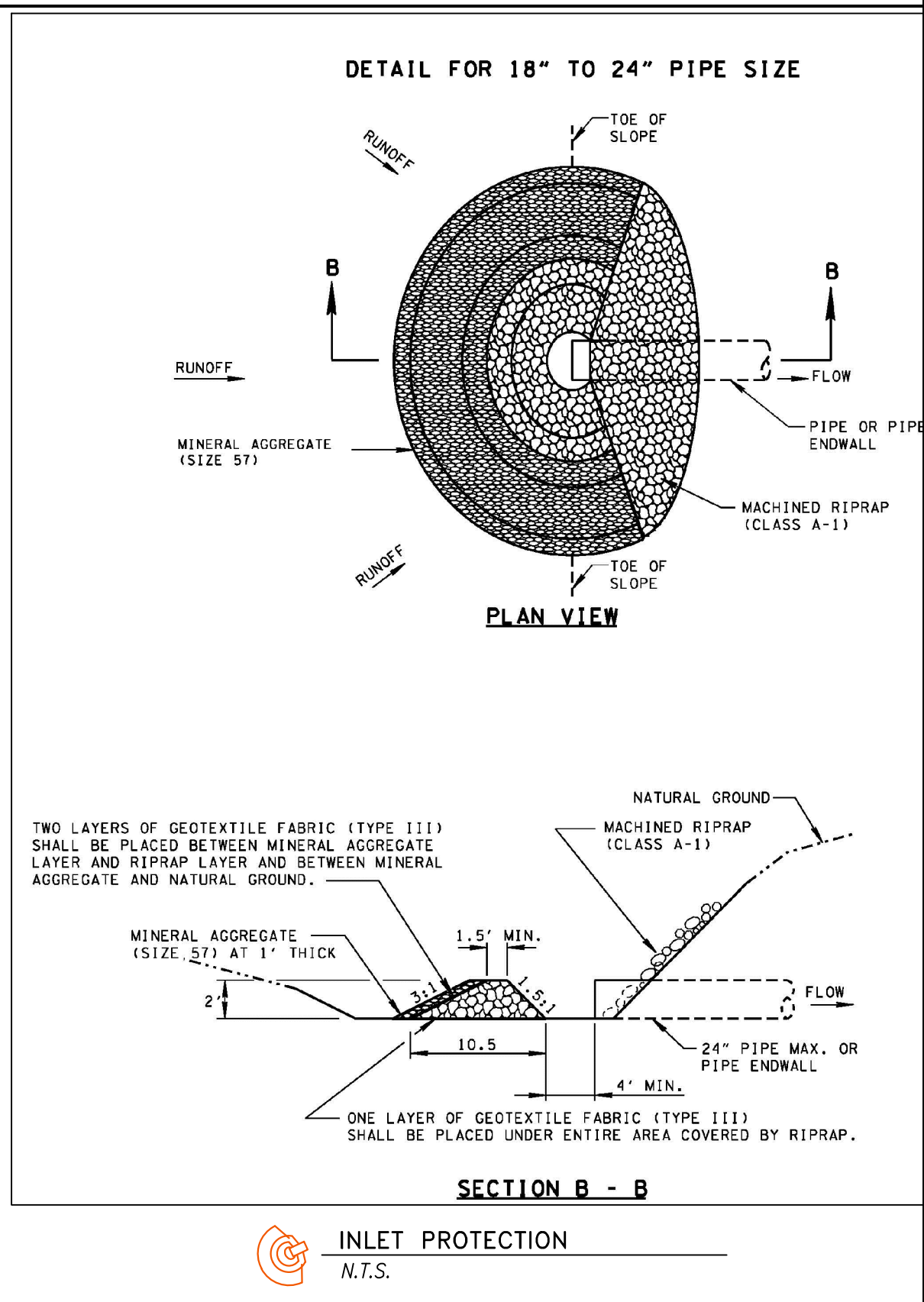
SHEET: **C2.01C**
PROPOSED GRADE & DRAIN DETAILS



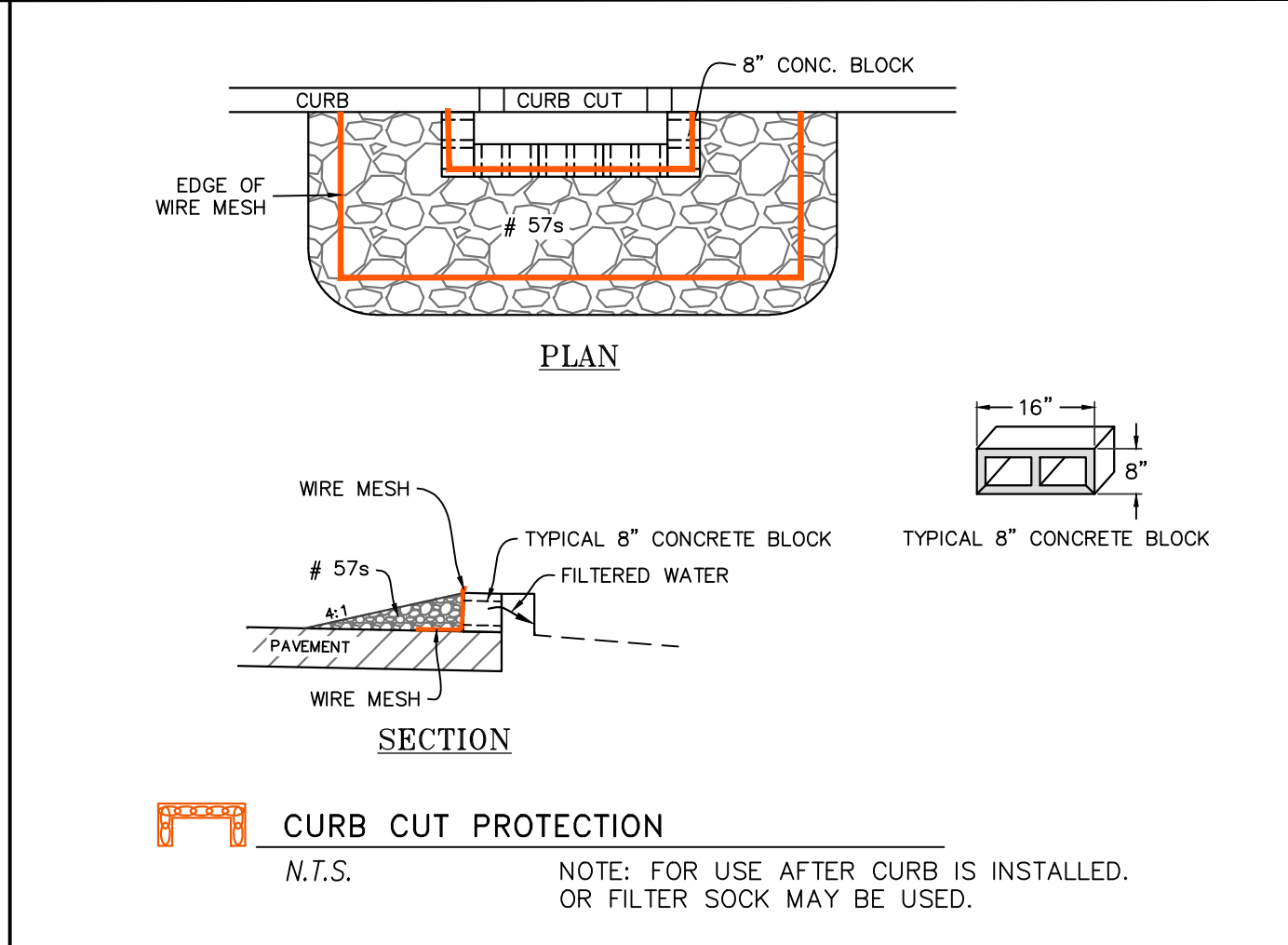
- EROSION CONTROL BLANKET SLOPE INSTALLATION GENERAL NOTES**
- EROSION CONTROL BLANKETS ARE INTENDED TO BE USED AS AN IMMEDIATE MULCH COVER FOR DISTURBED SLOPES THAT HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED.
 - EROSION CONTROL BLANKETS MAY ALSO BE USED AS CHANNEL LINERS WHERE THE ANTICIPATED MAXIMUM SHEAR STRESS IS LOW. REFER TO EC-STP-36 FOR INSTALLATION DETAILS.
 - EROSION CONTROL BLANKETS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS. WHEN NOT AVAILABLE, INSTALL ACCORDING TO NOTES D THRU J.
 - STEP ONE - SITE PREPARATION**
 THE SITE SHOULD BE FINE GRADED TO A SMOOTH PROFILE AND RELATIVELY FREE FROM ALL WEEDS, CLODS, STONES, ROOTS, STICKS, RIVULETS, GULLIES, CRUSTING AND CAIKING. FILL ANY VOIDS AND MAKE SURE THE SLOPE IS COMPACTED PROPERLY.
 - STEP TWO - SEEDING**
 SEEDING WITHOUT MULCH SHOULD BE APPLIED TO THE AREA TO BE VEGETATED.
 - STEP THREE - PREPARE THE ANCHOR TRENCH**
 AT THE TOP OF THE SLOPE EXCAVATE AN ANCHOR TRENCH 6 INCHES DEEP BY 6 INCHES WIDE. THE EROSION CONTROL BLANKET WILL BE ANCHORED INTO THE TRENCH BY STAPLES. ALLOW A MINIMUM OF 3 FEET FROM THE CREST OF THE SLOPE TO THE ANCHOR TRENCH.
 - STEP FOUR - SECURE THE EROSION CONTROL BLANKET IN THE ANCHOR TRENCH**
 BEGIN EROSION CONTROL BLANKET PLACEMENT 30 INCHES ABOVE THE ANCHOR TRENCH. RUN THE EROSION CONTROL BLANKET INTO THE ANCHOR TRENCH. ANCHOR THE EROSION CONTROL BLANKET WITH STAPLES ONE FOOT ON CENTER IN THE ANCHOR TRENCH. BE SURE TO DRIVE STAPLES OR STAKES FLUSH WITH THE SOIL SURFACE. BACKFILL THE ANCHOR TRENCH AND COMPACT THE SOIL. PLACE SEED OVER THE COMPACTED SOIL. COVER THE COMPACTED SOIL WITH THE REMAINING 12 INCHES OF THE TERMINAL END OF THE EROSION CONTROL BLANKET. STAPLE OR STAKE TERMINAL END DOWN SLOPE OF THE ANCHOR TRENCH ON ONE FOOT CENTERS.
 - STEP FIVE - EROSION CONTROL BLANKET DEPLOYMENT**
 STARTING AT THE CREST OF THE SLOPE, ROLL THE EROSION CONTROL BLANKET DOWN THE SLOPE IN A CONTROLLED MANNER. APPROXIMATELY EVERY 20-25 FEET PULL THE EROSION CONTROL BLANKET TO TAKE OUT ANY EXCESS SLACK. THE GOAL IS TO HAVE THE EROSION CONTROL BLANKET CONTOUR AND INITIATE CONTACT WITH THE SOIL.
 - STEP SIX - STAPLE OR STAKE THE EROSION CONTROL BLANKET**
 SECURE THE OVERLAP OR THE EDGES WITH STAPLES. THE TYPICAL INSTALLATION WILL REQUIRE ONE STAPLE PLACED AT THREE TO FIVE FEET INTERVALS ALONG THE VERTICAL LENGTH OF THE EROSION CONTROL BLANKET. STAPLES SHOULD BE STAGGERED EVERY 18 TO 24 INCHES HORIZONTALLY ACROSS THE EROSION CONTROL BLANKET. IF THE EROSION CONTROL BLANKET NEEDS TO BE SPLICED IN THE MIDDLE OF A SLOPE BE SURE THE EROSION CONTROL BLANKET IS "SHIMLED" WITH UP-SLOPE EROSION CONTROL BLANKET OVERLAPPING THE DOWN-SLOPE EROSION CONTROL BLANKET. THERE SHOULD BE A MINIMUM OF 4-INCHES OF OVERLAP IN A SPLICE. USE A STAPLE CHECK SLOT TO SECURE THE OVERLAP. A STAPLE CHECK SLOT IS MADE BY PLACING A ROW OF STAPLES 4-INCHES ON CENTER AND THEN PLACING A SECOND ROW OF STAPLES 4-INCHES ON CENTER, STAGGERED FROM THE FIRST ROW.
 - STEP SEVEN - SECURING THE EROSION CONTROL BLANKET AT THE TOE OF SLOPE**
 ROLL THE EROSION CONTROL BLANKET 24-INCHES PAST THE TOE OF THE SLOPE. STAPLE OR STAKE TERMINAL END OF THE EROSION CONTROL BLANKET ON ONE FOOT CENTERS.



CATCH BASIN INLET PROTECTION
 N.T.S.



ROCK CHECK DAM
 N.T.S.



CIVILLE - NEW COLUMBIA RD.

CIVILLE - NEW COLUMBIA RD.

Kentucky 811

FIVE STAR **Newcomb OIL CO.**

NEWCOMB OIL CO., LLC
 951 WITHROW CT.
 BARDSTOWN, KY 40004

KW ENGINEERING & LAND SURVEYING

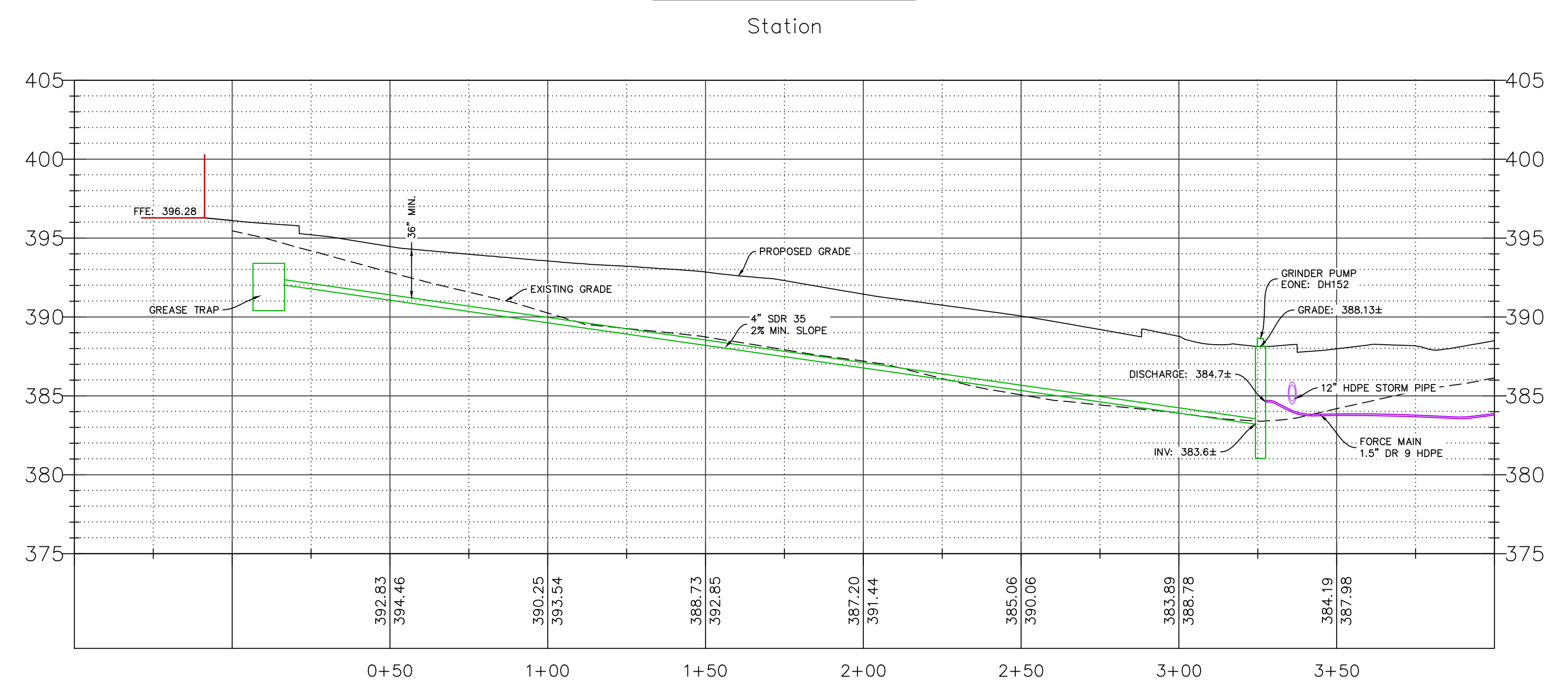
LEBANON OFFICE: NATHAN ALLAN KING
 335 N. WOODLAWN AVE. P.E. #24283 P.L.S. #3831
 LEBANON, KY 40033 BUSINESS: (270) 692-0089
 MOBILE: (270) 590-4603
 Nathan@nkykw.com

REVISIONS:	DATE:
REVIEW PLANS	02-17-2022
ADDED DROP BOXES AND PIPE	02-23-2022
RELOCATED GAS CANOPY; WIDENED CURB	02-25-2022

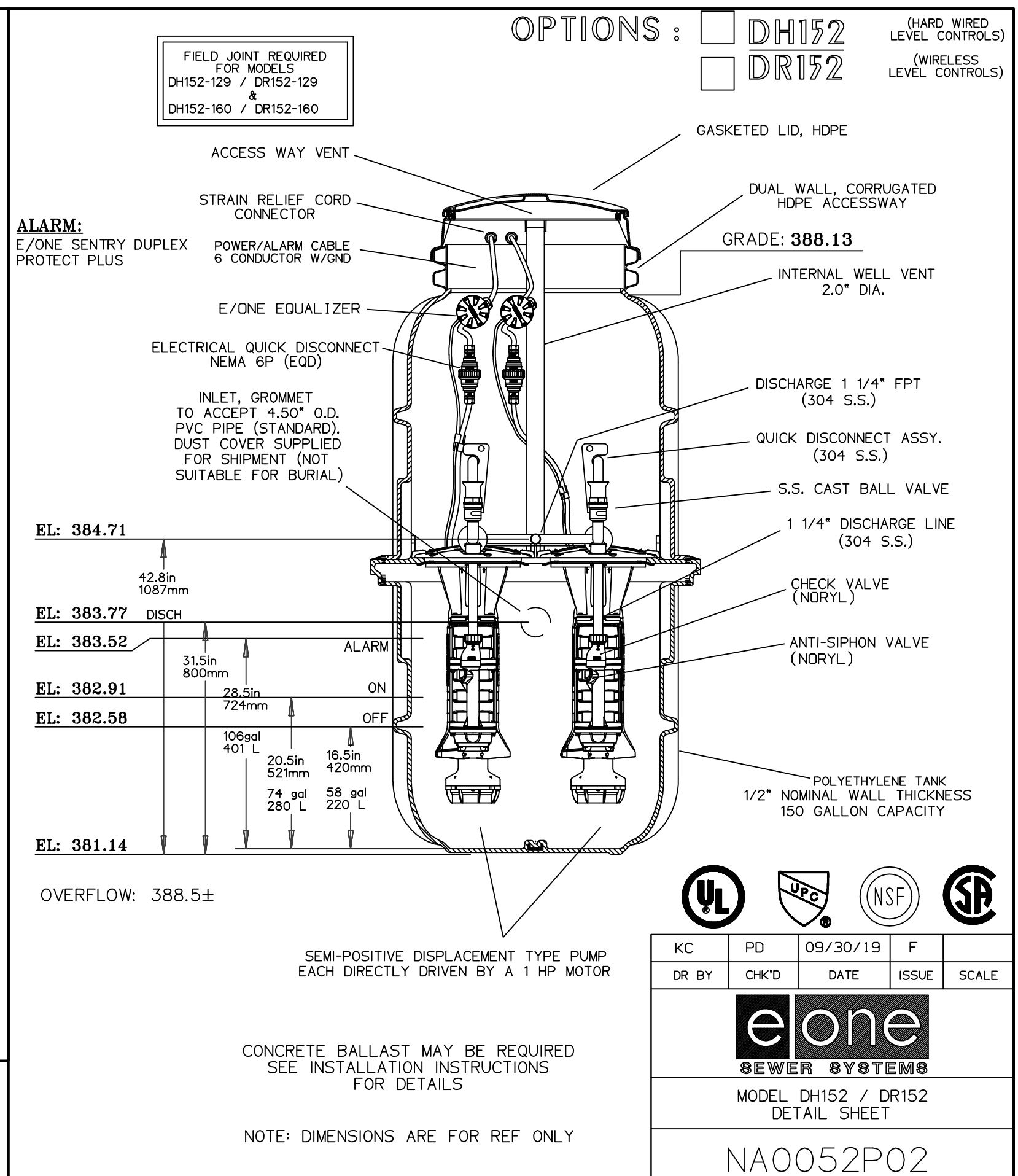
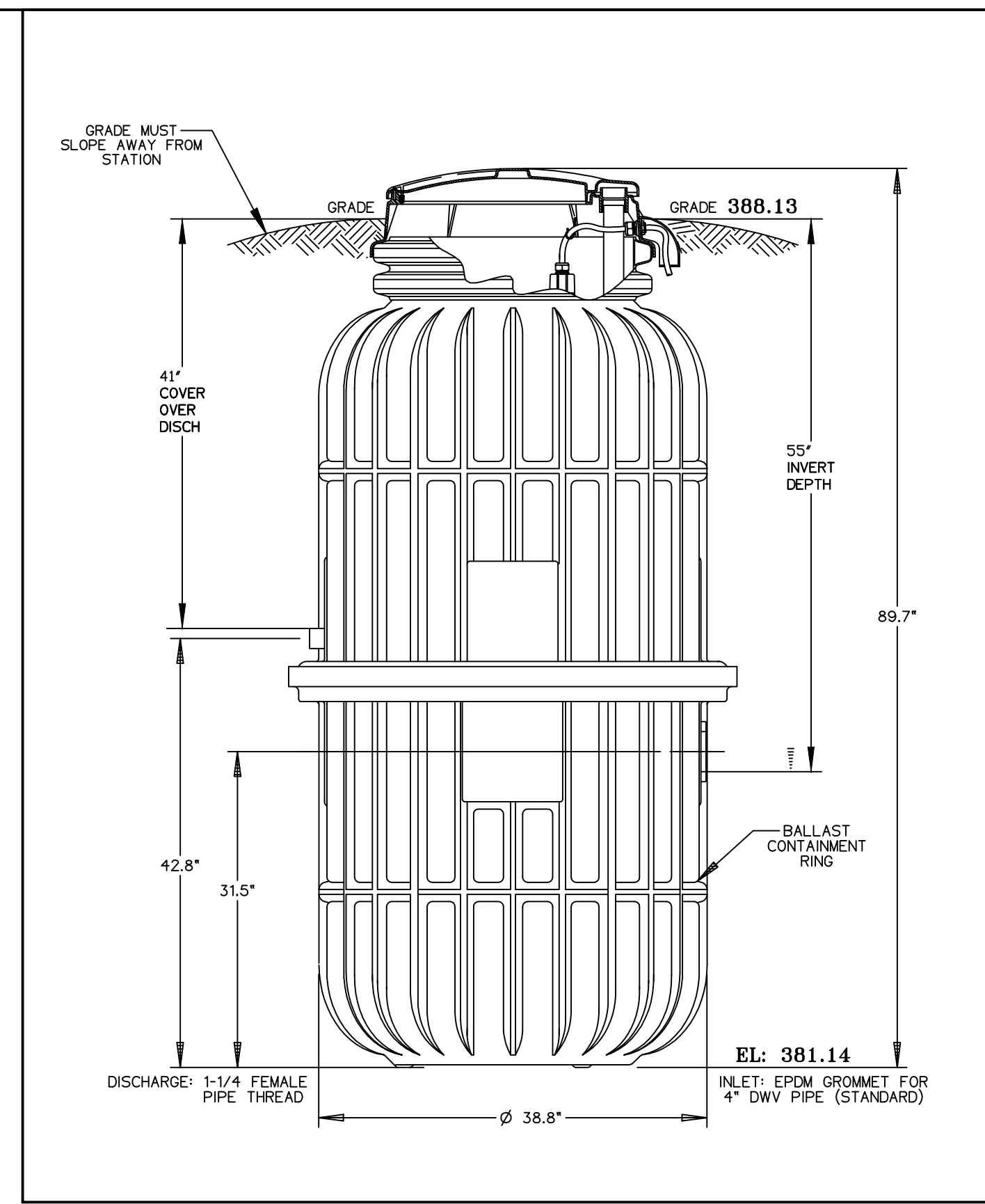
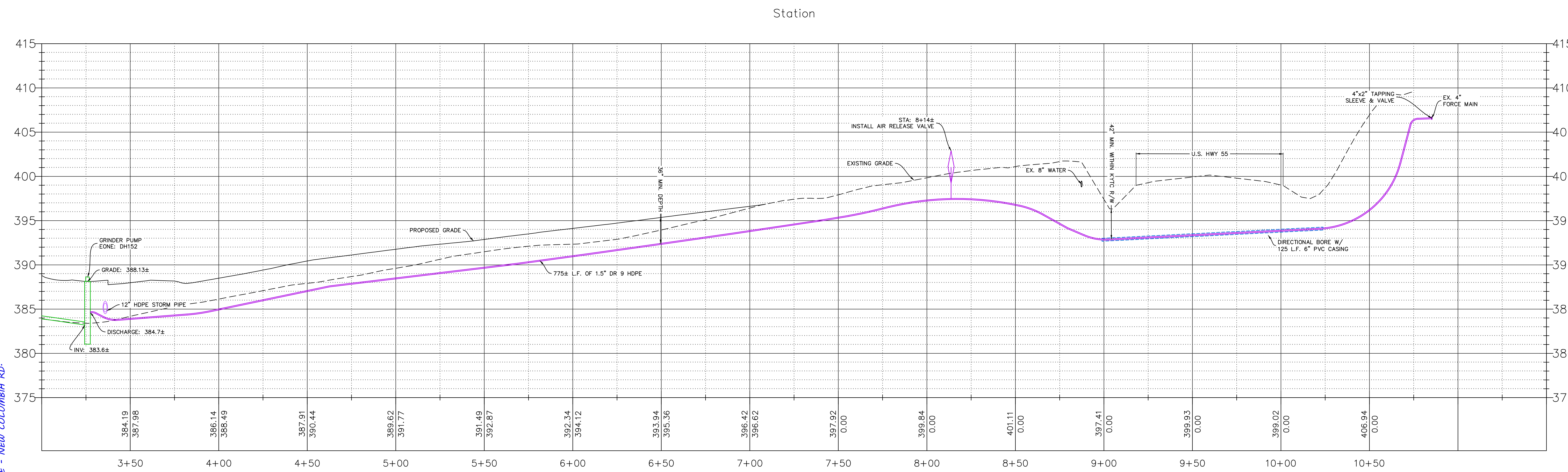
NOT TO SCALE DATE: 11-18-2021

SHEET: EROSION CONTROL DETAILS **C4.02**

Sewer Layout PROFILE



Sewer Layout PROFILE



OPTIONS: DH152 (HARD WIRED LEVEL CONTROLS)
 DR152 (WIRELESS LEVEL CONTROLS)

ALARM:
 E/ONE SENTRY DUPLEX PROTECT PLUS
 POWER/ALARM CABLE 6 CONDUCTOR W/GND
 E/ONE EQUALIZER
 ELECTRICAL QUICK DISCONNECT NEMA 6P (EQD)
 INLET GROMMET TO ACCEPT 4.50\"/>

KC	PD	09/30/19	F
DR BY	CHK'D	DATE	ISSUE
eone SEWER SYSTEMS			
MODEL DH152 / DR152 DETAIL SHEET			
NA0052P02			

NOTE: DIMENSIONS ARE FOR REF ONLY

CIVILLE - NEW COLUMBIA RD.

0' 30' 60' 90'

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SCALE: 1" = 30' DATE: 11-18-2021

SHEET: **C5.02**

SEWER PROFILE