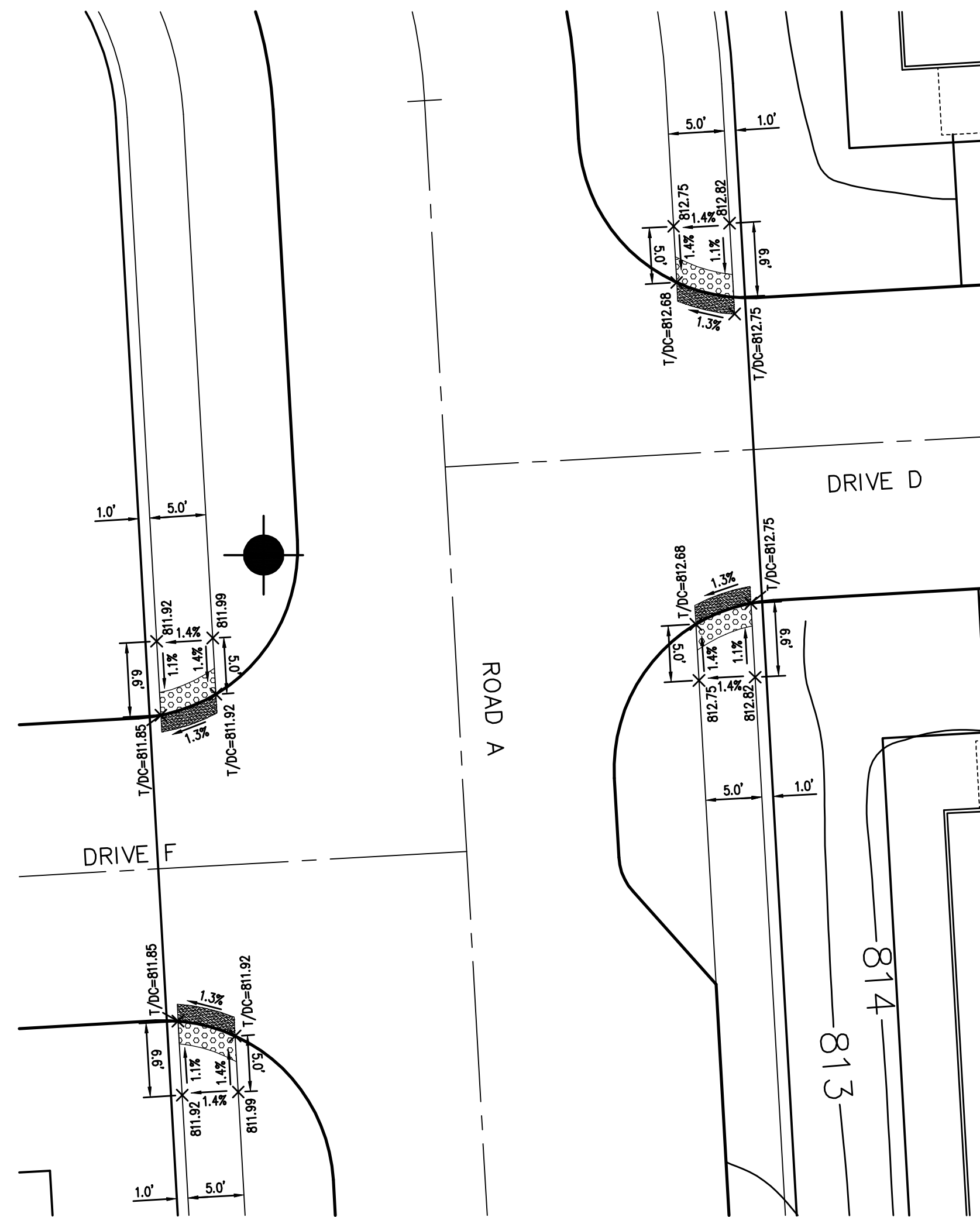
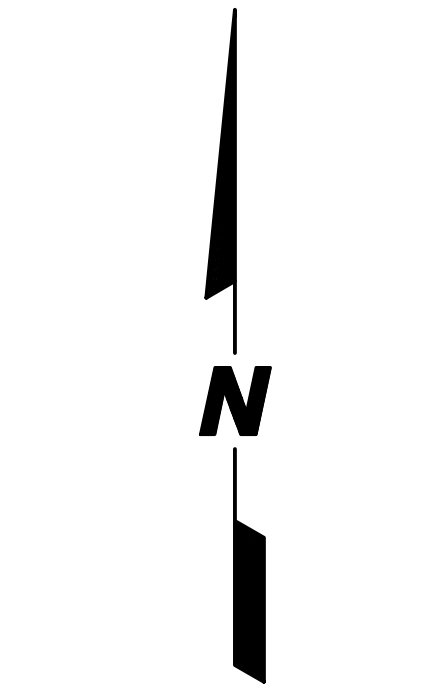


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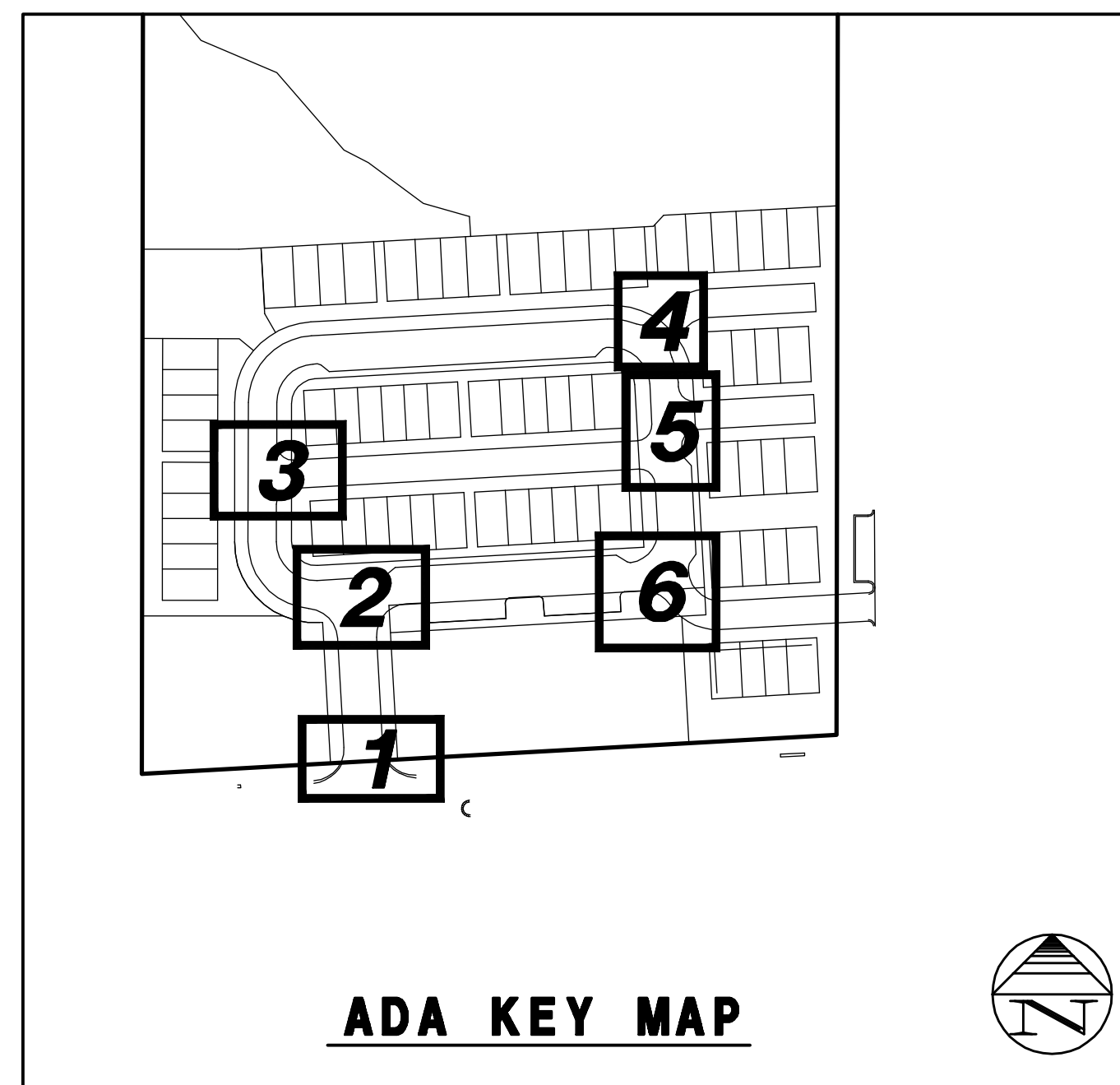
5 PRIVATE DRIVE F AND PRIVATE DRIVE D



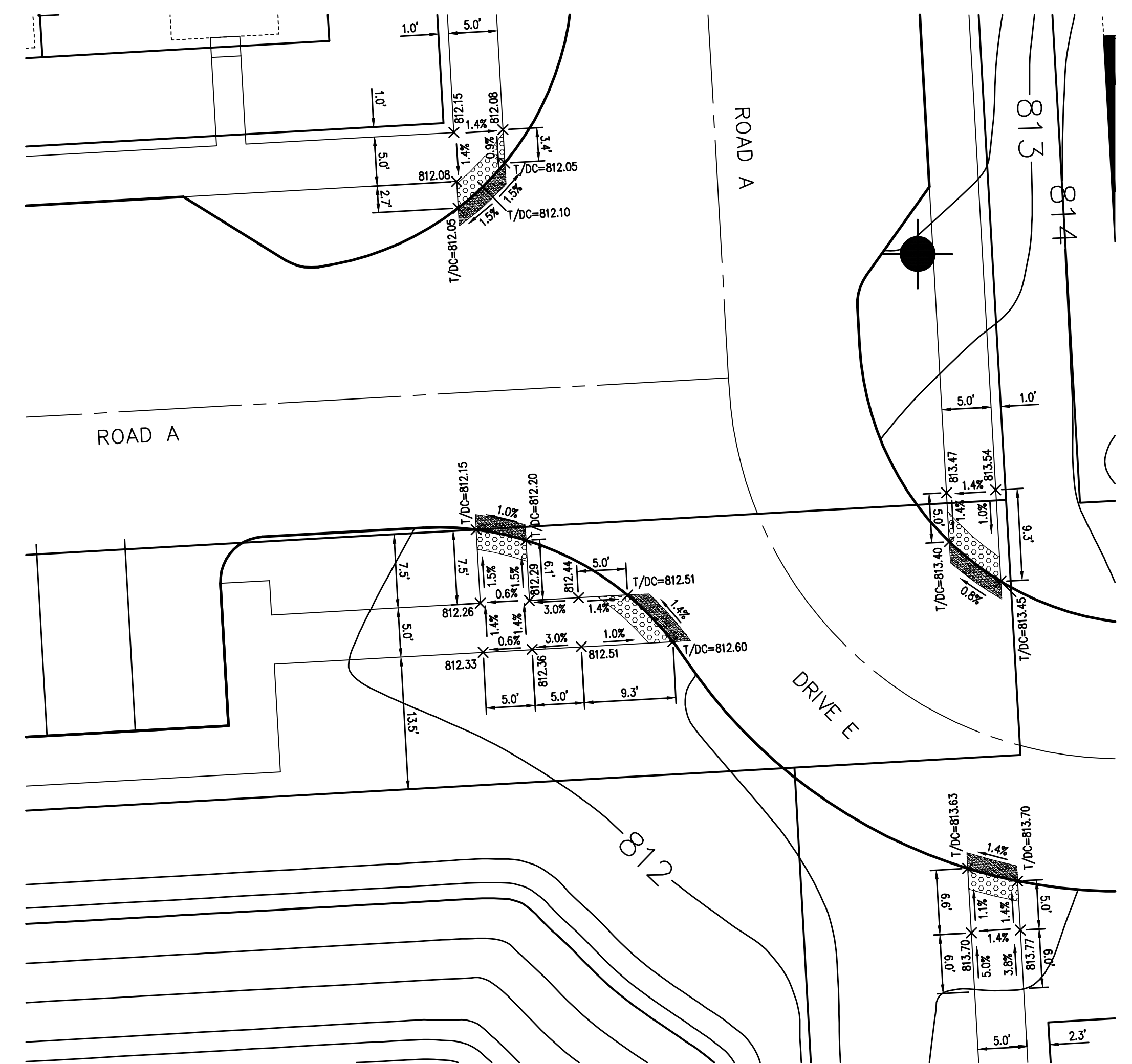
10 5 0 10
SCALE: 1 INCH = 10 FEET

LEGEND

- INDICATES TYPE M-3.12 CURB & GUTTER
- ▨ INDICATES DETECTABLE WARNING STRIP
- ▩ INDICATES DEPRESSED CURB



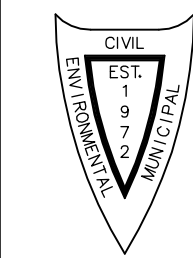
ADA KEY MAP



6 ROAD A AND PRIVATE DRIVE E

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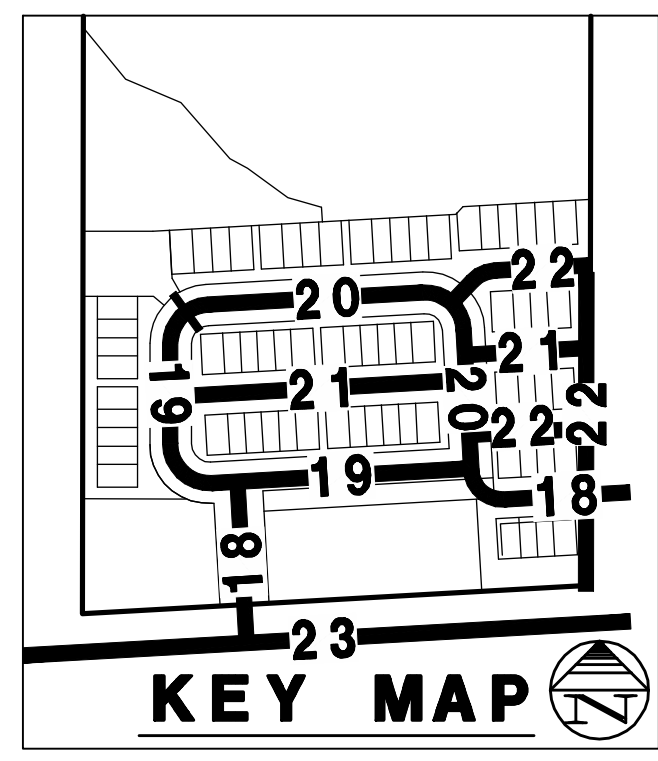
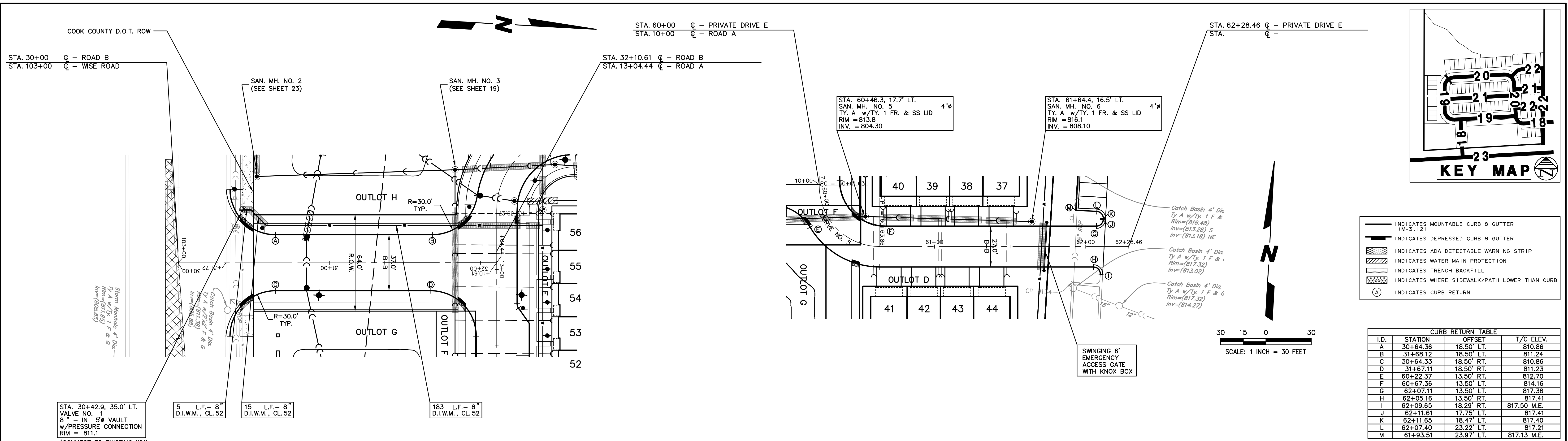


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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

**ADA RAMP DETAILS
WISE COMMONS**

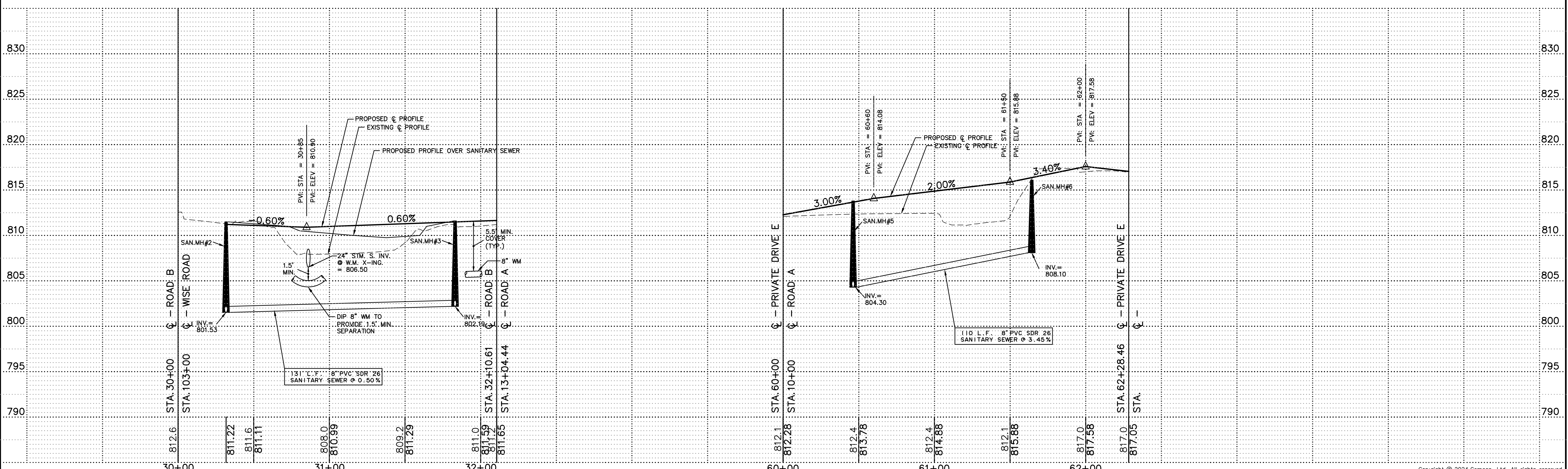
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DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 10'	17 of 27



- INDICATES MOUNTABLE CURB & GUTTER (M-3.12)
- INDICATES DEPRESSED CURB & GUTTER
- ▨ INDICATES ADA DETECTABLE WARNING STRIP
- ▨ INDICATES WATER MAIN PROTECTION
- ▨ INDICATES TRENCH BACKFILL
- ▨ INDICATES WHERE SIDEWALK/PATH LOWER THAN CURB
- ⊙ INDICATES CURB RETURN

CURB RETURN TABLE			
I.D.	STATION	OFFSET	T/C ELEV.
A	30+64.36	18.50' LT.	810.86
B	31+68.12	18.50' LT.	811.24
C	30+64.33	18.50' RT.	810.86
D	31+67.11	18.50' RT.	811.23
E	60+22.37	13.50' RT.	812.70
F	60+67.36	13.50' LT.	814.16
G	62+07.11	13.50' LT.	817.38
H	62+05.16	13.50' RT.	817.41
I	62+09.65	18.29' RT.	817.50 M.E.
J	62+11.61	17.75' LT.	817.41
K	62+11.65	18.47' LT.	817.40
L	62+07.40	23.22' LT.	817.21
M	61+93.51	23.97' LT.	817.13 M.E.

CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD	BEARING	DELTA
CURVE NO. 5	62.83'	40.00'	56.57'	S 48°12'51" E	90°00'00"



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REVISIONS		REVISIONS			
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ROAD B AND PRIVATE DRIVE E
WISE COMMONS

FILE NAME: OVRPP	DSGN. BY: CRM	JOB NO.: 402.161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H, 5'V	18 of 27

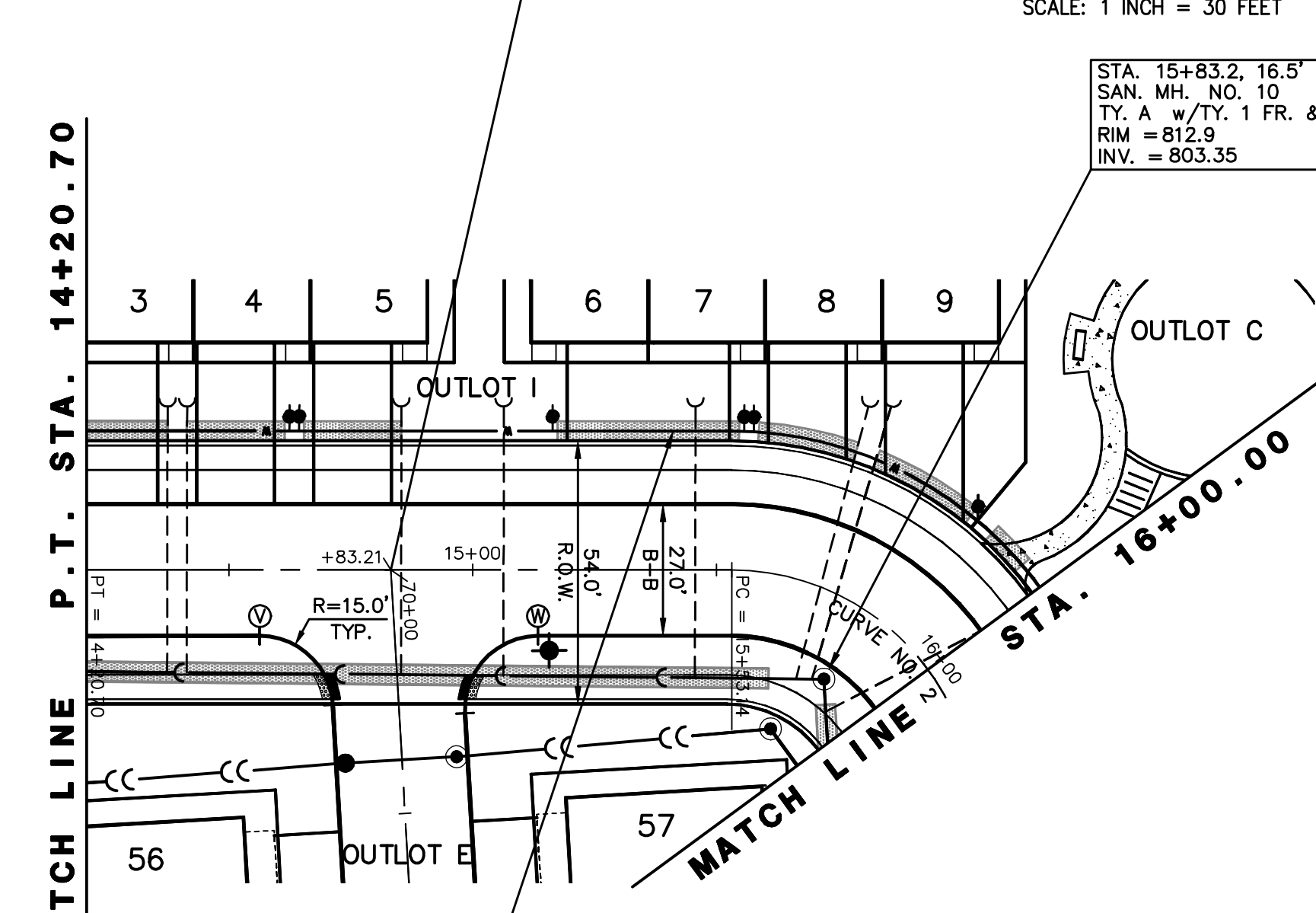
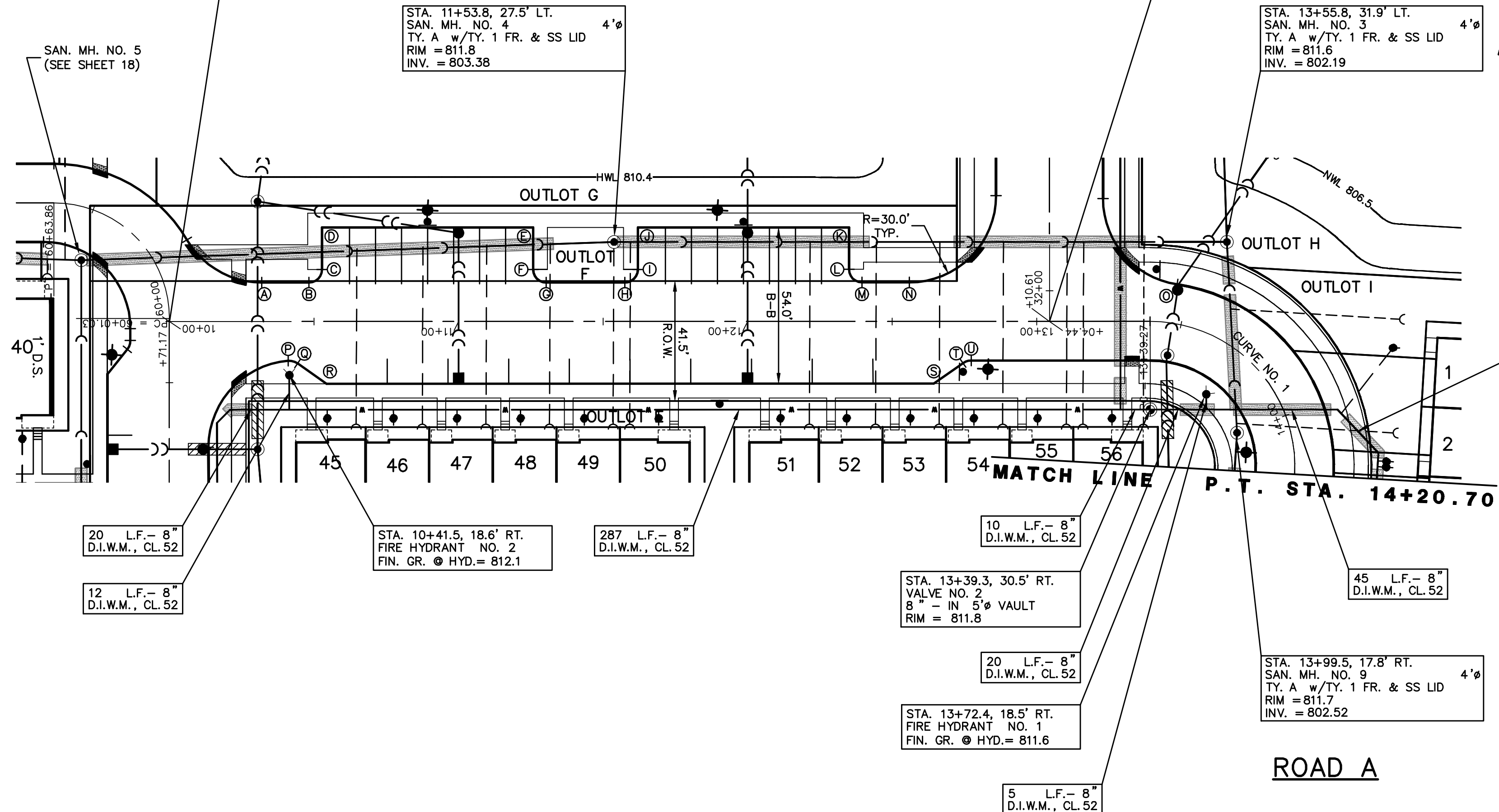
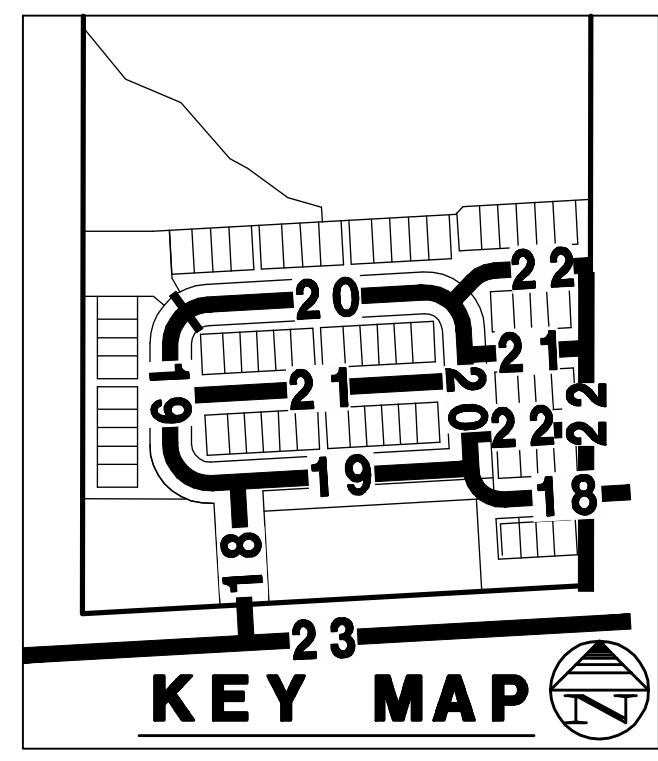
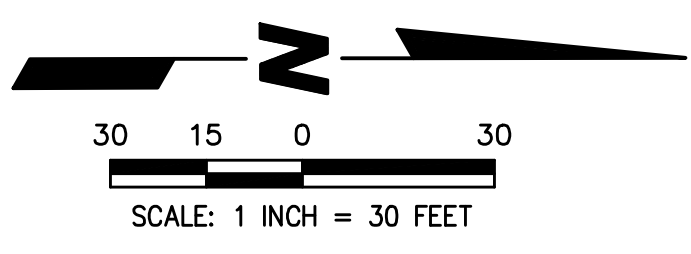
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STA. 10+00 C - ROAD A
STA. 60+00 C - DRIVE E

STA. 13+04.44 C - ROAD A
STA. 32+10.61 C - ROAD B

STA. 14+83.21 C - ROAD A
STA. 70+00 C - PRIVATE DRIVE F



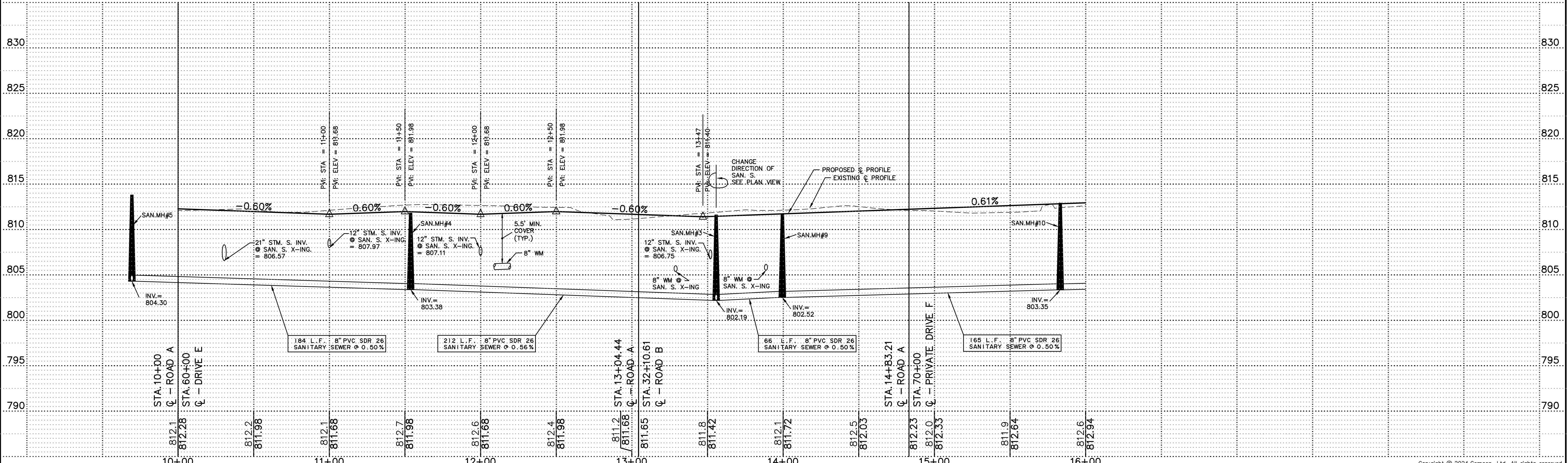
- INDICATES MOUNTABLE CURB & GUTTER (M-3.12)
- INDICATES DEPRESSED CURB & GUTTER
- INDICATES ADA DETECTABLE WARNING STRIP
- INDICATES WATER MAIN PROTECTION
- INDICATES TRENCH BACKFILL
- INDICATES WHERE SIDEWALK/PATH LOWER THAN CURB
- INDICATES CURB RETURN

CURVE TABLE					
CURVE NO.	LENGTH	RADIUS	CHORD	BEARING	DELTA
CURVE NO. 1	81.43'	50.00'	72.72'	S 46°33'30" E	93°18'42"
CURVE NO. 2	75.65'	50.00'	68.64'	S 43°26'30" W	86°41'18"

CURB RETURN TABLE			
I.D.	STATION	OFFSET	T/C ELEV.
A	10+31.89	13.50' LT.	812.02
B	10+48.28	13.50' LT.	811.92
C	10+52.78	18.00' LT.	811.84
D	10+52.78	32.50' LT.	811.74
E	11+25.78	32.50' LT.	811.61
F	11+25.78	18.00' LT.	811.71
G	11+30.28	32.50' LT.	811.79
H	11+57.56	13.50' LT.	811.86
I	11+62.06	18.00' LT.	811.78
J	11+62.06	32.50' LT.	811.69
K	12+35.06	32.50' LT.	811.67

CURB RETURN TABLE CONTINUED			
I.D.	STATION	OFFSET	T/C ELEV.
L	12+35.06	18.00' LT.	811.77
M	12+39.56	13.50' LT.	811.85
N	12+55.94	13.50' LT.	811.87
O	13+48.60	13.50' LT.	R=811.3
P	10+41.06	13.60' RT.	811.97
Q	10+44.34	14.49' RT.	811.89
R	10+54.35	21.50' RT.	811.72
S	12+64.35	21.50' RT.	811.66
T	12+74.49	14.40' RT.	811.71
U	12+77.36	13.50' RT.	811.75
V	14+56.31	13.50' RT.	811.99
W	15+13.40	13.50' RT.	812.34

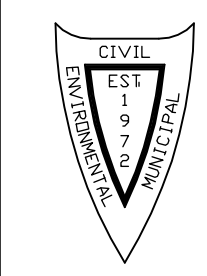
ROAD A



PLOT FILE CREATED: 8/27/2024 1:44 PM BY LESLIE LUNDBERG DRAWING LAST SAVED: 8/27/2024 1:42 PM BY LESLIE LUNDBERG DRAWING PATH: P:\02161\DWG\ENGR\DRAWINGS\FINAL\DRAWINGS\OVRPP.DWG

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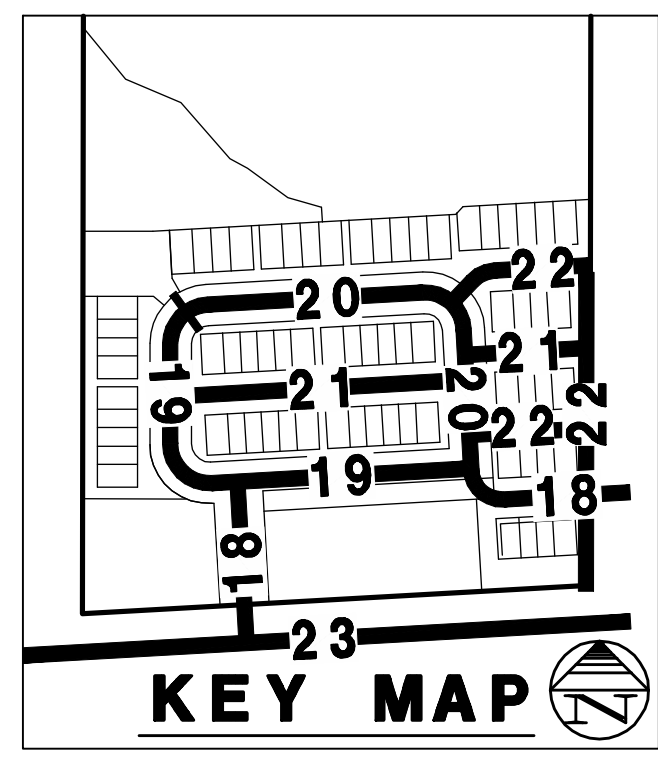
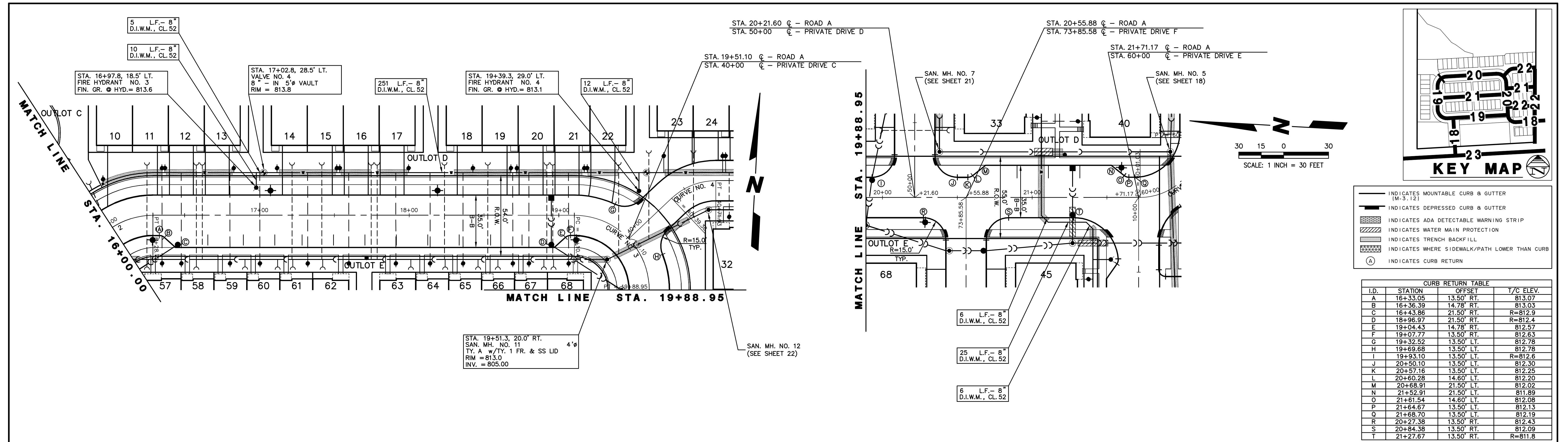
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NO.		DATE	DESCRIPTION	NO.		DATE	DESCRIPTION

ROAD A - STA. 10+00 TO STA. 16+00.00

WISE COMMONS

FILE NAME: OVRPP	DSGN. BY: CRM	JOB NO.: 402.161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H; 5'V	19 of 27

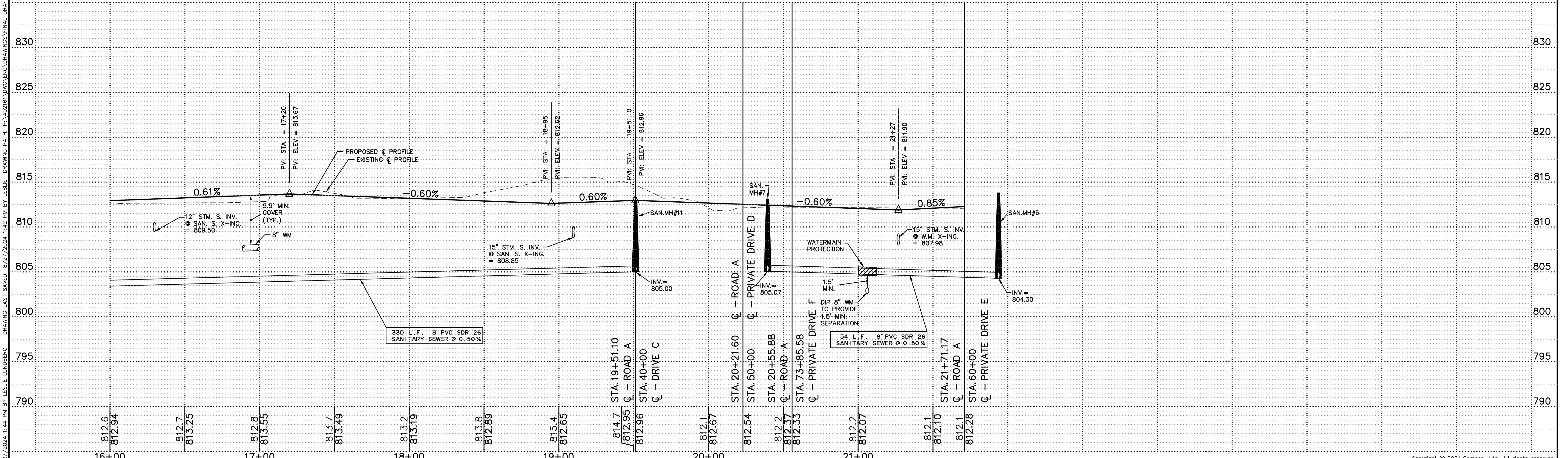


- INDICATES MOUNTABLE CURB & GUTTER (W-3, 12)
- INDICATES DEPRESSED CURB & GUTTER
- ▨ INDICATES ADA DETECTABLE WARNING STRIP
- ▨ INDICATES WATER MAIN PROTECTION
- ▨ INDICATES TRENCH BACKFILL
- ▨ INDICATES WHERE SIDEWALK/PATH LOWER THAN CURB
- Ⓐ INDICATES CURB RETURN

ID.	STATION	OFFSET	T/C ELEV.
A	16+33.05	13.50' RT.	813.07
B	16+36.39	14.78' RT.	813.03
C	16+43.86	21.50' RT.	R=812.9
D	18+96.97	21.50' RT.	R=812.4
E	19+04.43	14.78' RT.	812.57
F	19+07.77	13.50' RT.	812.63
G	19+32.52	13.50' LT.	812.78
H	19+69.68	13.50' LT.	812.78
I	19+93.10	13.50' LT.	R=812.6
J	20+50.10	13.50' LT.	812.30
K	20+57.16	13.50' LT.	812.25
L	20+60.28	14.60' LT.	812.20
M	20+68.91	21.50' LT.	812.02
N	21+52.91	21.50' LT.	811.89
O	21+61.54	14.60' LT.	812.08
P	21+64.67	13.50' LT.	812.13
Q	21+68.70	13.50' LT.	812.19
R	20+27.38	13.50' RT.	812.43
S	20+84.38	13.50' RT.	812.09
T	21+27.67	13.50' RT.	R=811.8

ROAD A

CURVE	LENGTH	RADIUS	CHORD	BEARING	DELTA
CURVE NO. 3	78.54'	50.00'	70.71'	N 48°12'51" W	90°00'00"



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NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

ROAD A - STA. 16+00.00 TO STA. 19+88.58
WISE COMMONS

FILE NAME: OVRPP	DSGN. BY: CRM	JOB NO.: 402161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H, 5'V	20 of 27

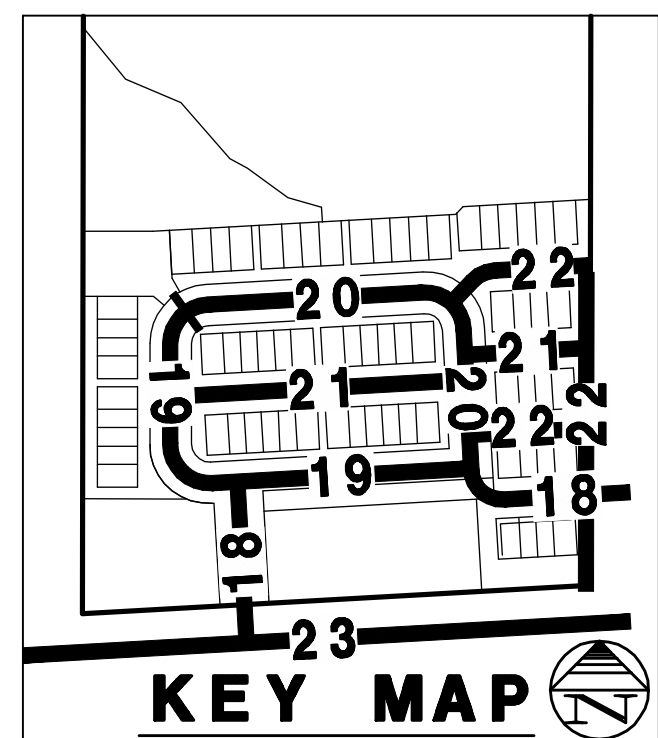
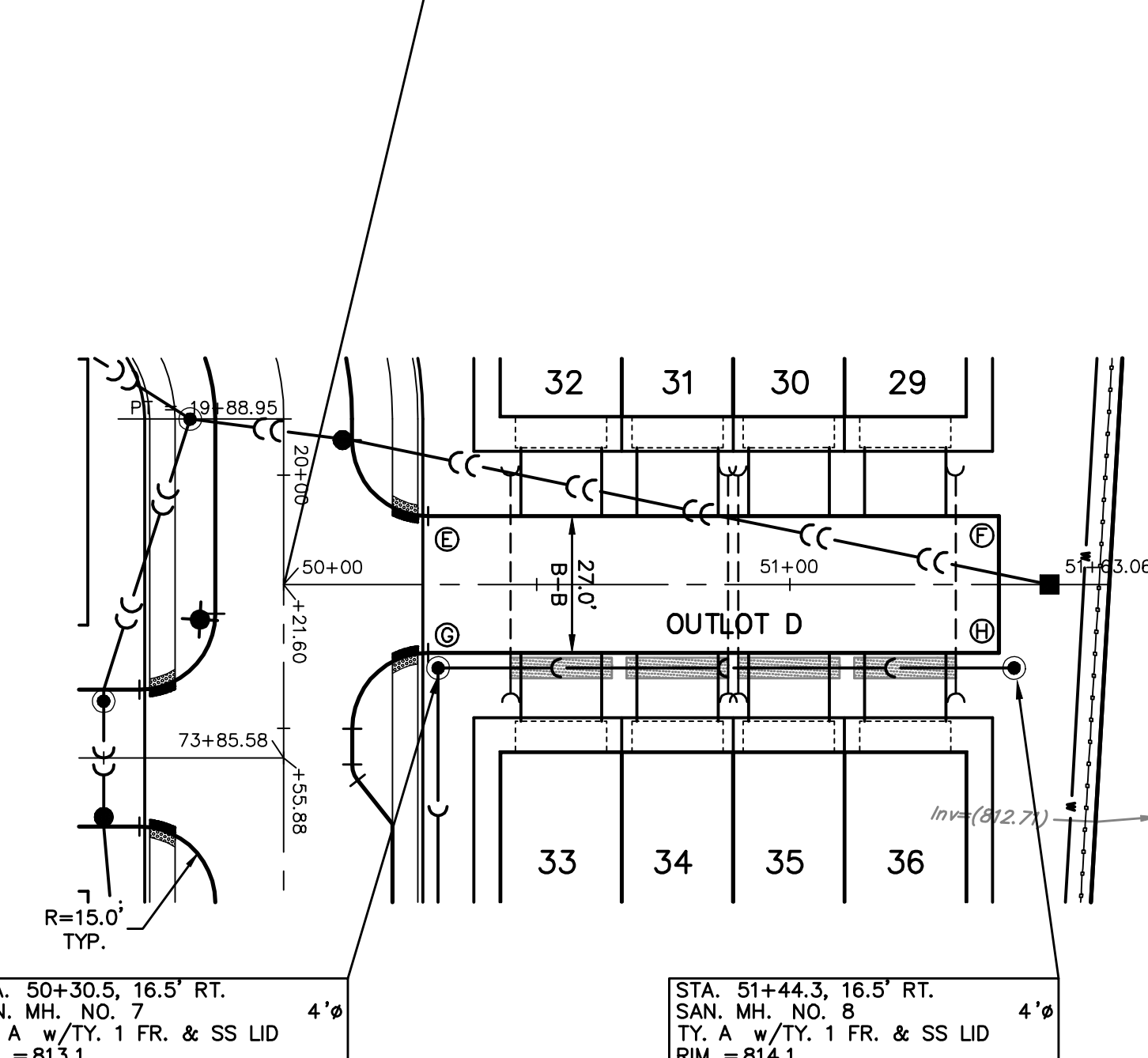
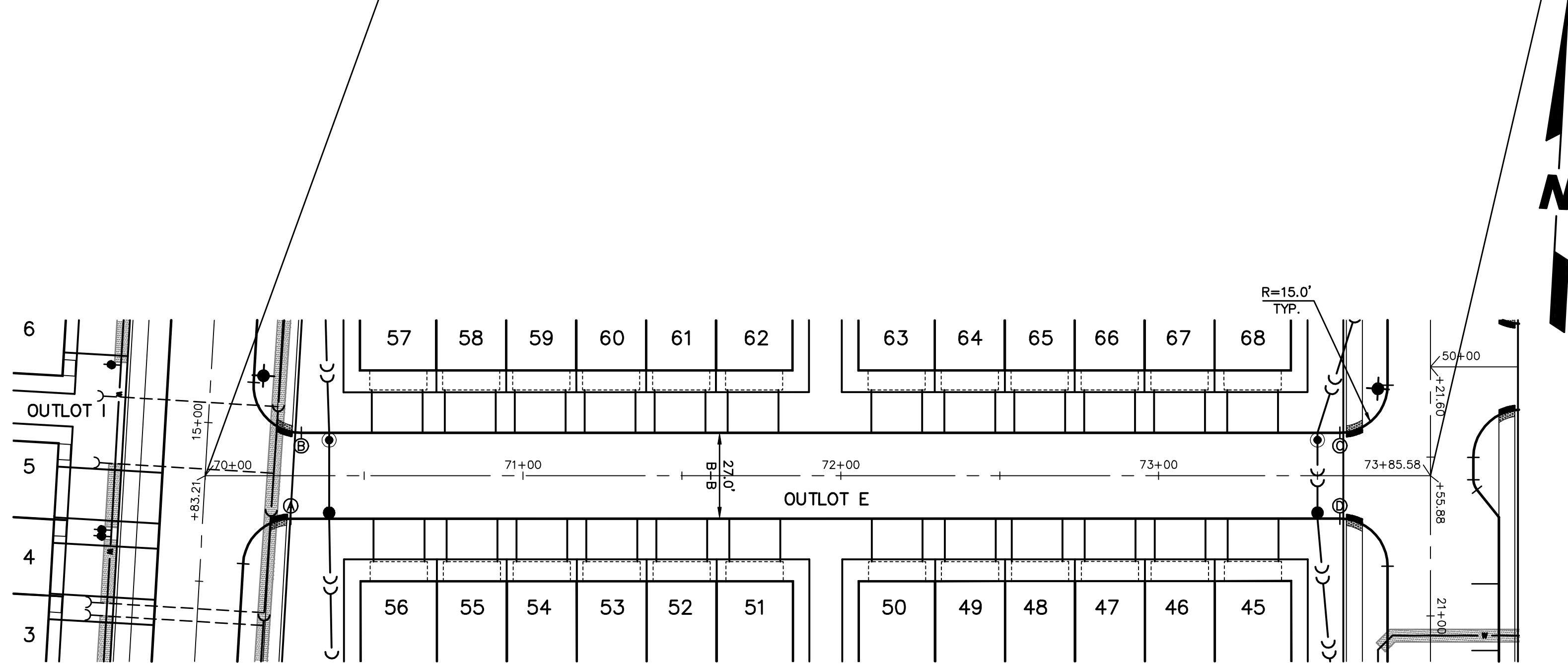
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STA. 70+00 C - PRIVATE DRIVE F
STA. 14+83.21 C - ROAD A

STA. 73+85.58 C - PRIVATE DRIVE F
STA. 20+55.88 C - ROAD A

STA. 50+00 C - PRIVATE DRIVE D
STA. 20+21.60 C - ROAD A

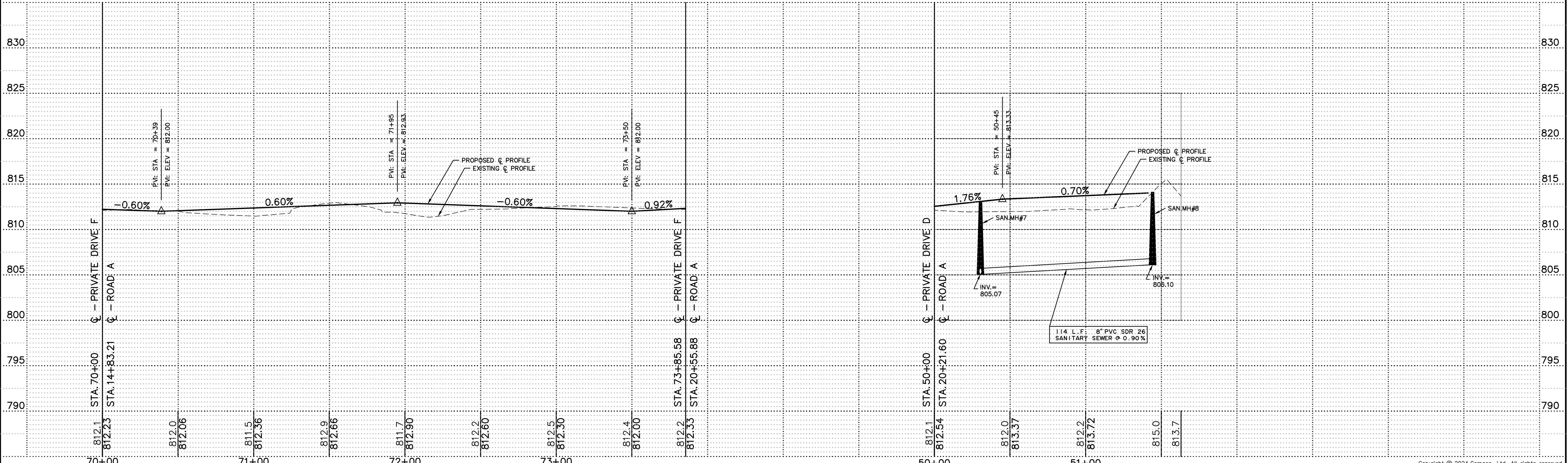


- INDICATES MOUNTABLE CURB & GUTTER (W-3.12)
- INDICATES DEPRESSED CURB & GUTTER
- INDICATES ADA DETECTABLE WARNING STRIP
- INDICATES WATER MAIN PROTECTION
- INDICATES TRENCH BACKFILL
- INDICATES WHERE SIDEWALK/PATH LOWER THAN CURB
- INDICATES CURB RETURN

CURB RETURN TABLE			
ID.	STATION	OFFSET	T/C ELEV.
A	70+26.90	13.50' RT.	812.00
B	70+30.20	13.50' LT.	811.98
C	73+57.08	13.50' LT.	812.00
D	73+57.08	13.50' RT.	812.00
E	50+28.50	13.50' LT.	812.97
F	51+41.25	13.50' LT.	813.93
G	50+28.50	13.50' RT.	812.97
H	51+41.25	13.50' RT.	813.93

PRIVATE DRIVE F

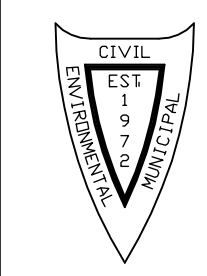
PRIVATE DRIVE D



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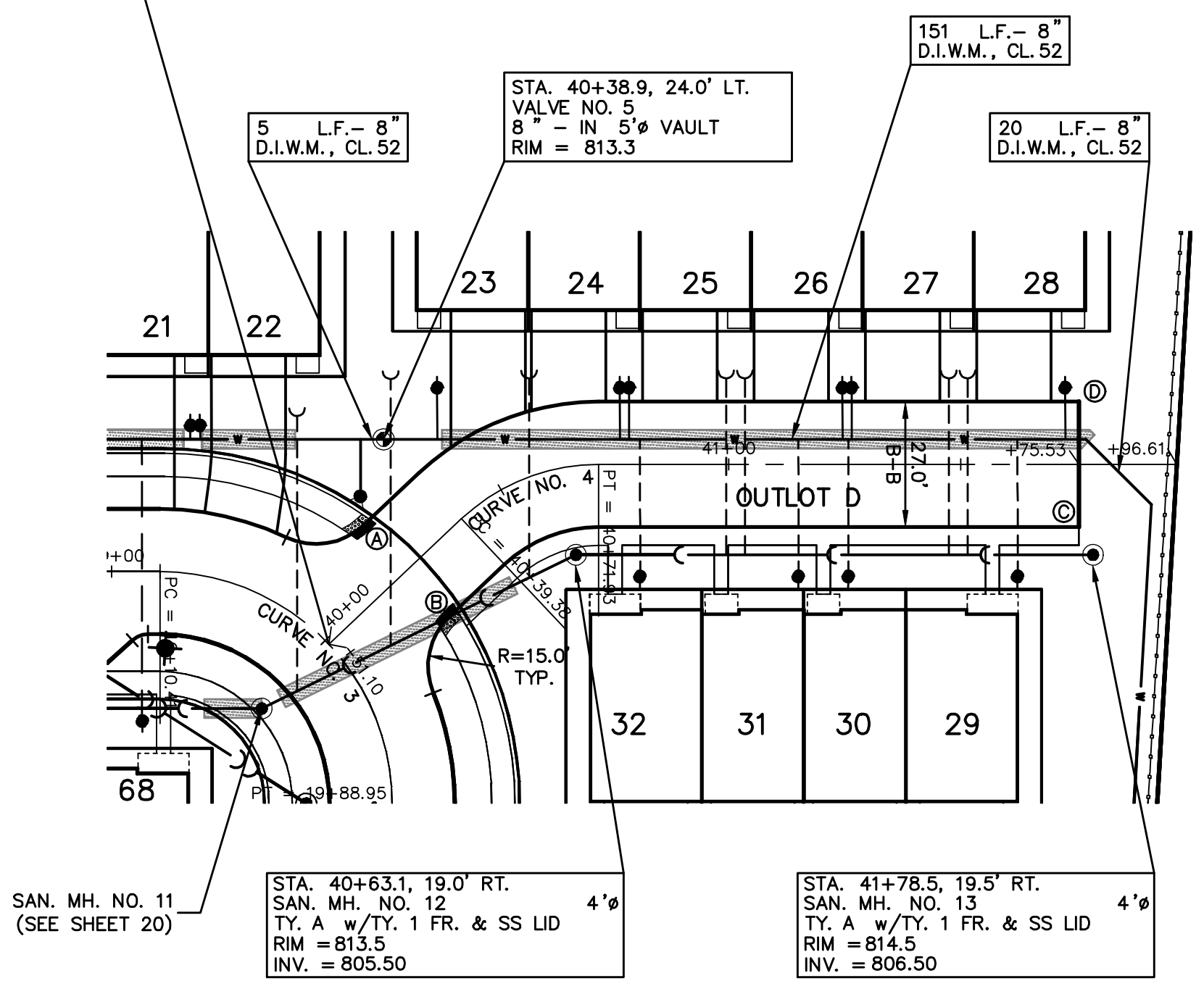
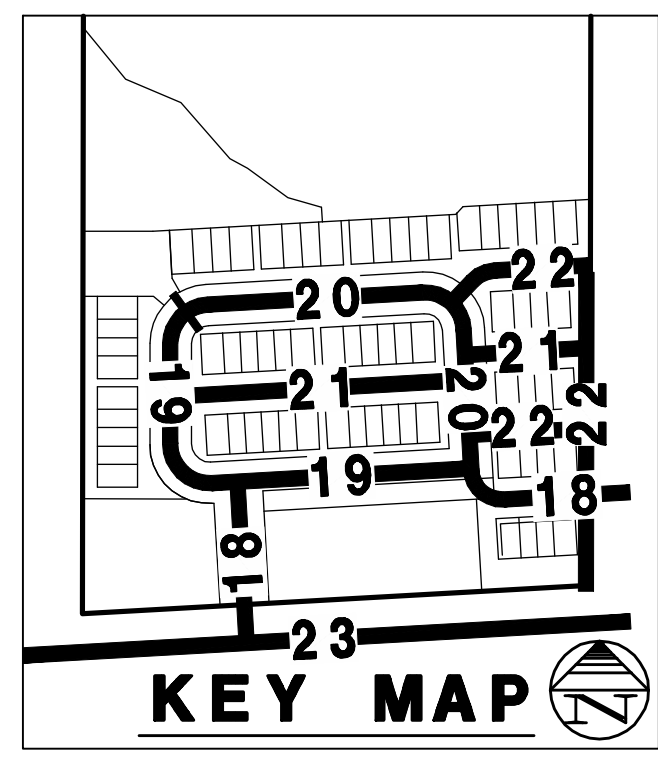
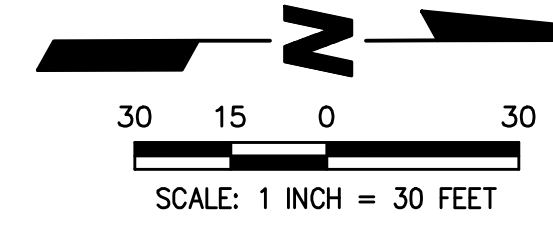
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PRIVATE DRIVE F AND PRIVATE DRIVE D
WISE COMMONS

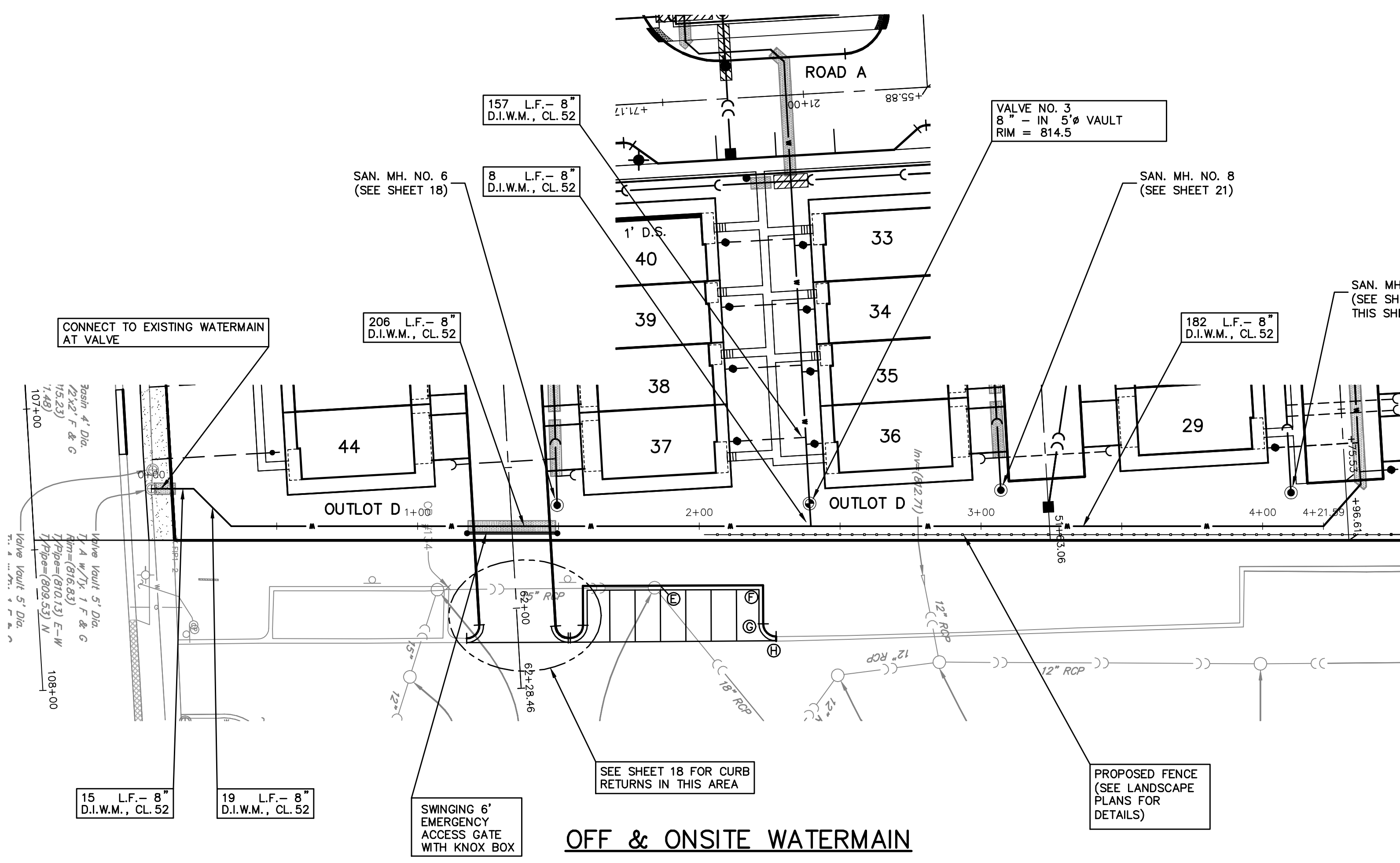
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DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H; 5'V	21 of 27

STA. 40+00 C - PRIVATE DRIVE C
 STA. 19+51.10 C - ROAD A



SAN. MH. NO. 11 (SEE SHEET 20)
 STA. 40+63.1, 19.0' RT. SAN. MH. NO. 12 TY. A w/TY. 1 FR. & SS LID RIM = 813.5 INV. = 805.50
 STA. 41+78.5, 19.5' RT. SAN. MH. NO. 13 TY. A w/TY. 1 FR. & SS LID RIM = 814.5 INV. = 806.50

PRIVATE DRIVE C

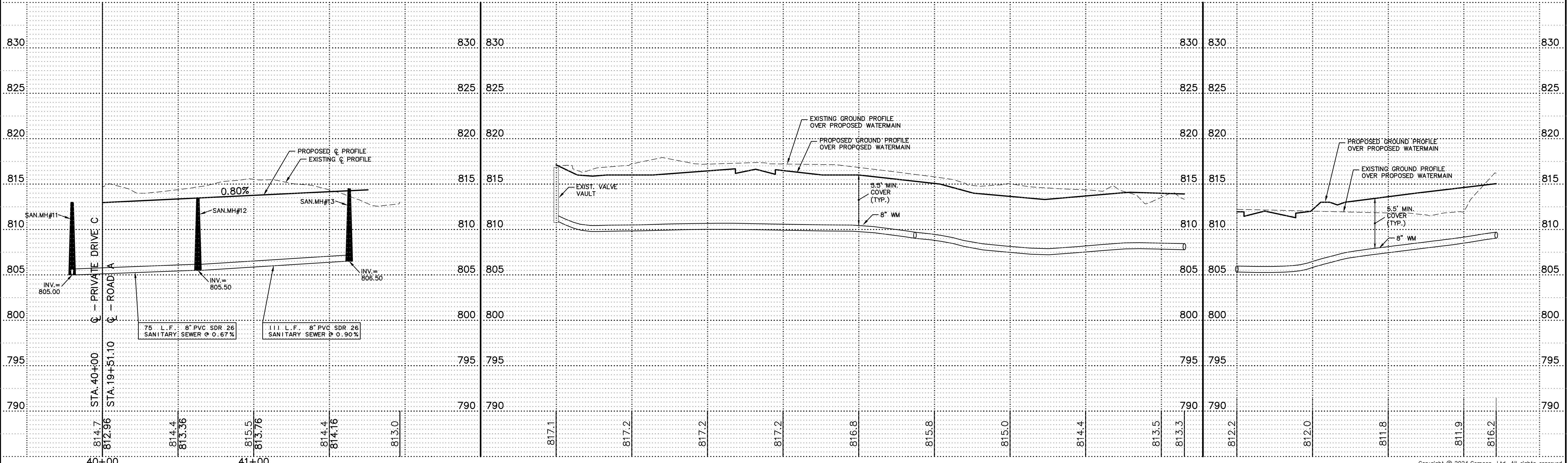


OFF & ONSITE WATERMAIN

- INDICATES BARRIER CURB & GUTTER (B-6, 12)
- INDICATES MOUNTABLE CURB & GUTTER (M-3, 12)
- INDICATES DEPRESSED CURB & GUTTER
- ▨ INDICATES ADA DETECTABLE WARNING STRIP
- ▨ INDICATES WATER MAIN PROTECTION
- ▨ INDICATES TRENCH BACKFILL
- ▨ INDICATES WHERE SIDEWALK/PATH LOWER THAN CURB
- ⊙ INDICATES CURB RETURN

I.D.	STATION	OFFSET	T/C ELEV.
A	40+23.14	13.50' LT.	T/DC=812.90
B	40+23.14	13.50' RT.	T/DC=812.90
C	41+75.53	13.50' RT.	814.29
D	41+75.53	13.50' LT.	814.29
E	61+95.01	51.43' LT.	816.91 M.E.
F	61+95.01	51.43' RT.	816.91 M.E.
G	62+15.35	87.13' LT.	816.67
H	62+15.35	87.13' RT.	816.63 M.E.

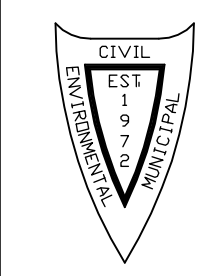
CURVE	LENGTH	RADIUS	CHORD	BEARING	DELTA
CURVE NO. 4	32.55'	43.00'	31.78'	S 65°06'00" W	43°22'19"



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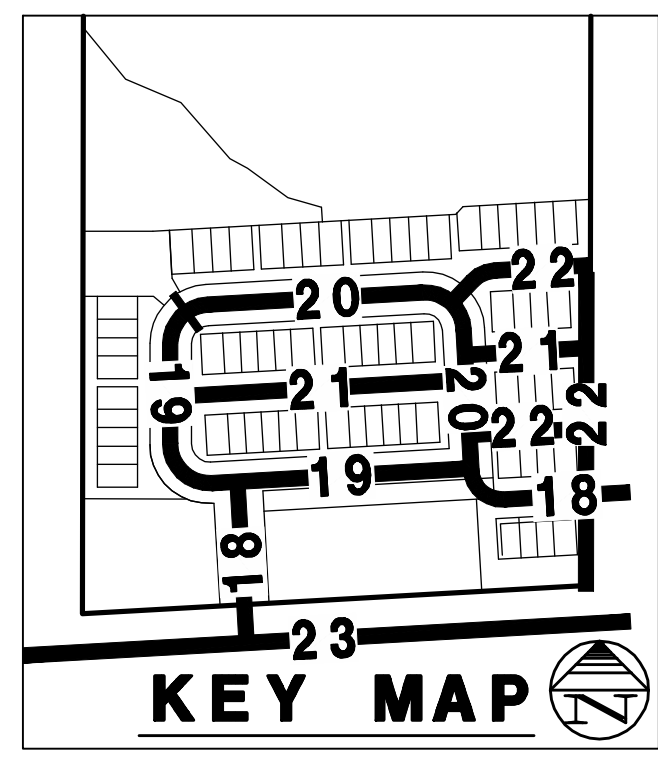


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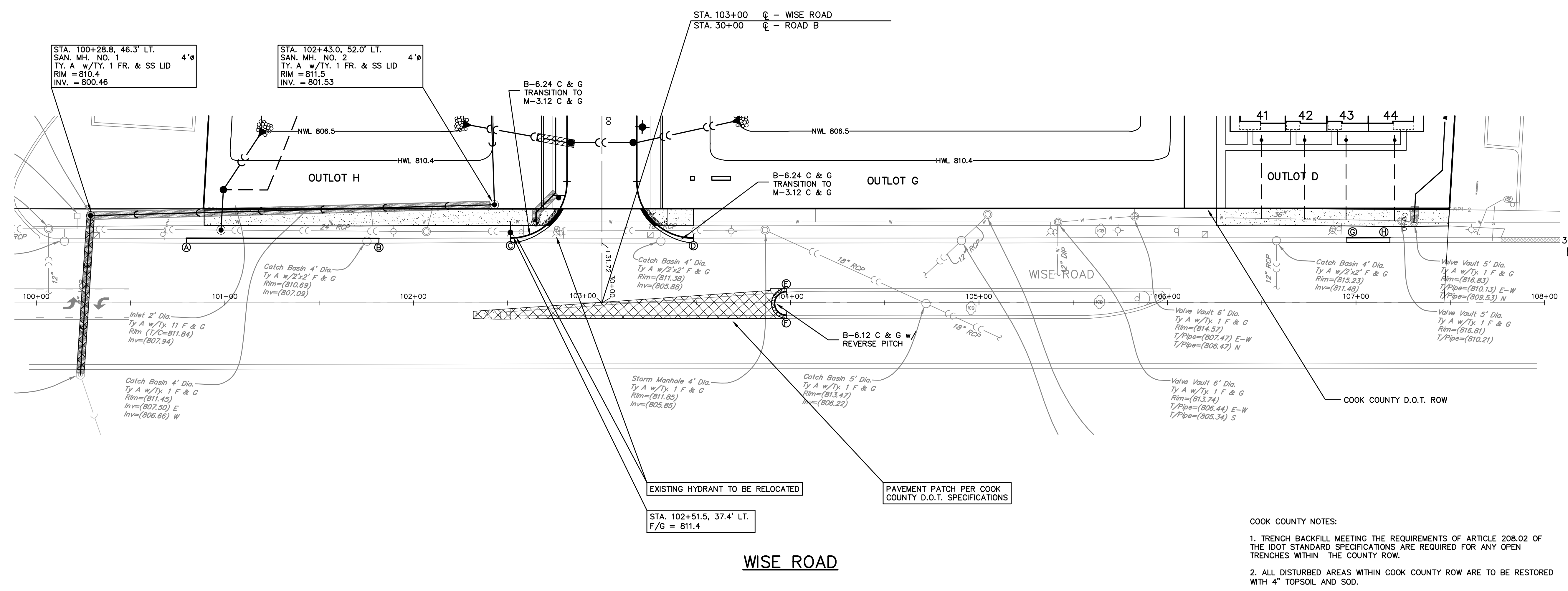
NO.		DATE		DESCRIPTION	

PRIVATE DRIVE C AND OFFSITE AND ONSITE WATERMAIN
WISE COMMONS

FILE NAME: OVRPP	DSGN. BY: CRM	JOB NO.: 402161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H; 5'V	22 of 27



SCALE: 1 INCH = 30 FEET

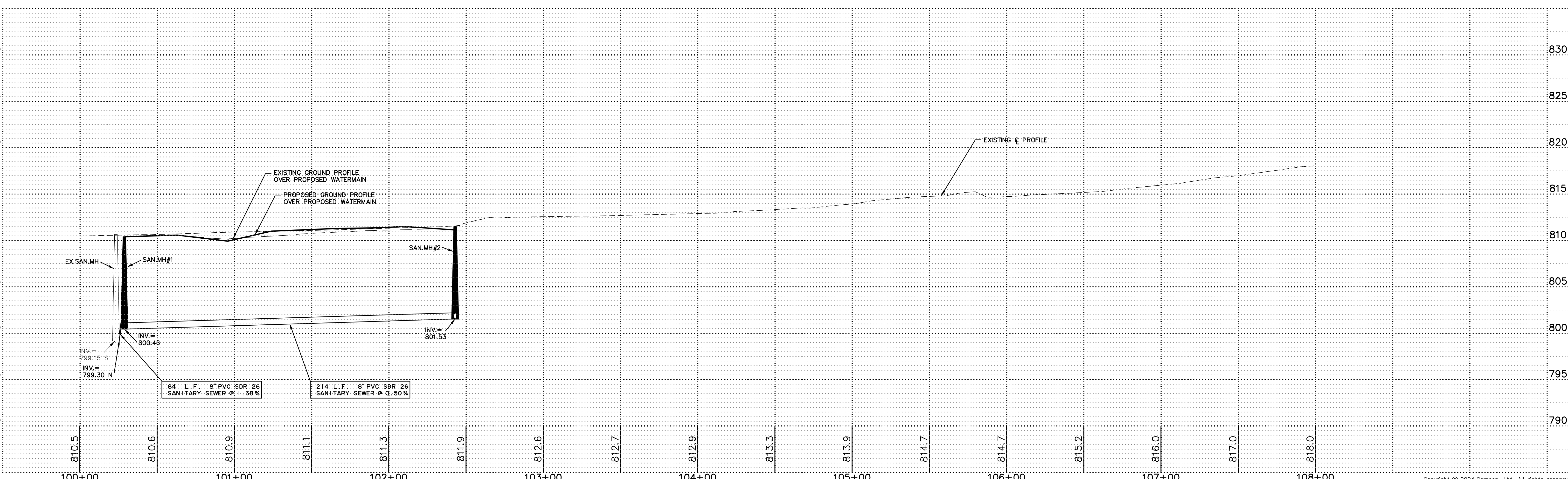


- INDICATES BARRIER CURB & GUTTER (B-6.12)
- INDICATES MOUNTABLE CURB & GUTTER (M-3.12)
- INDICATES DEPRESSED CURB & GUTTER
- INDICATES ADA DETECTABLE WARNING STRIP
- INDICATES WATER MAIN PROTECTION
- INDICATES TRENCH BACKFILL
- INDICATES WHERE SIDEWALK/PATH LOWER THAN CURB
- INDICATES CURB RETURN

CURB RETURN TABLE			
I.D.	STATION	OFFSET	T/C ELEV.
A	100+79.56	34.29' LT.	810.41 M.E.
B	101+81.70	34.14' LT.	811.12 M.E.
C	102+51.47	34.36' LT.	811.33
D	103+48.53	34.33' LT.	811.67
E	103+97.80	6.00' LT.	813.43 M.E.
F	103+97.80	6.50' RT.	813.32 M.E.
G	106+95.10	34.59' LT.	816.34 M.E.
H	107+17.99	34.61' LT.	816.74 M.E.

COOK COUNTY NOTES:

- TRENCH BACKFILL MEETING THE REQUIREMENTS OF ARTICLE 208.02 OF THE IDOT STANDARD SPECIFICATIONS ARE REQUIRED FOR ANY OPEN TRENCHES WITHIN THE COUNTY ROW.
- ALL DISTURBED AREAS WITHIN COOK COUNTY ROW ARE TO BE RESTORED WITH 4" TOPSOIL AND SOD.



PREPARED FOR:
PULTE HOME COMPANY, LLC
 1900 E. GOLF ROAD, SUITE 300
 SCHAUMBURG, IL 60173
 (847) 230-5400

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CEMCON, Ltd.
 Consulting Engineers, Land Surveyors & Planners
 2280 White Oak Circle, Suite 100
 Aurora, Illinois 60502-9675
 Ph: 630.862.2100 Fax: 630.862.2199
 E-Mail: info@cemcon.com Website: www.cemcon.com

REVISIONS		REVISIONS			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

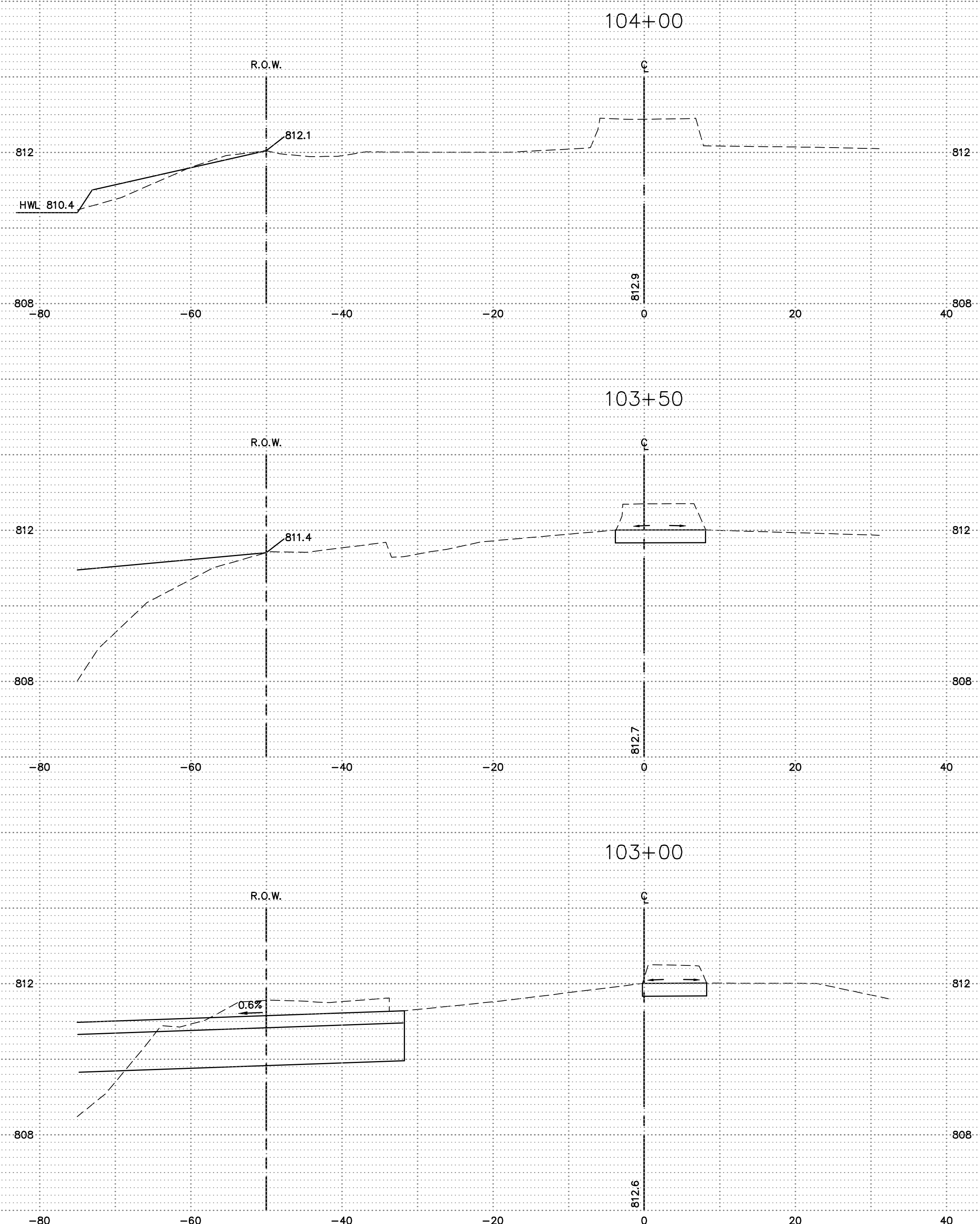
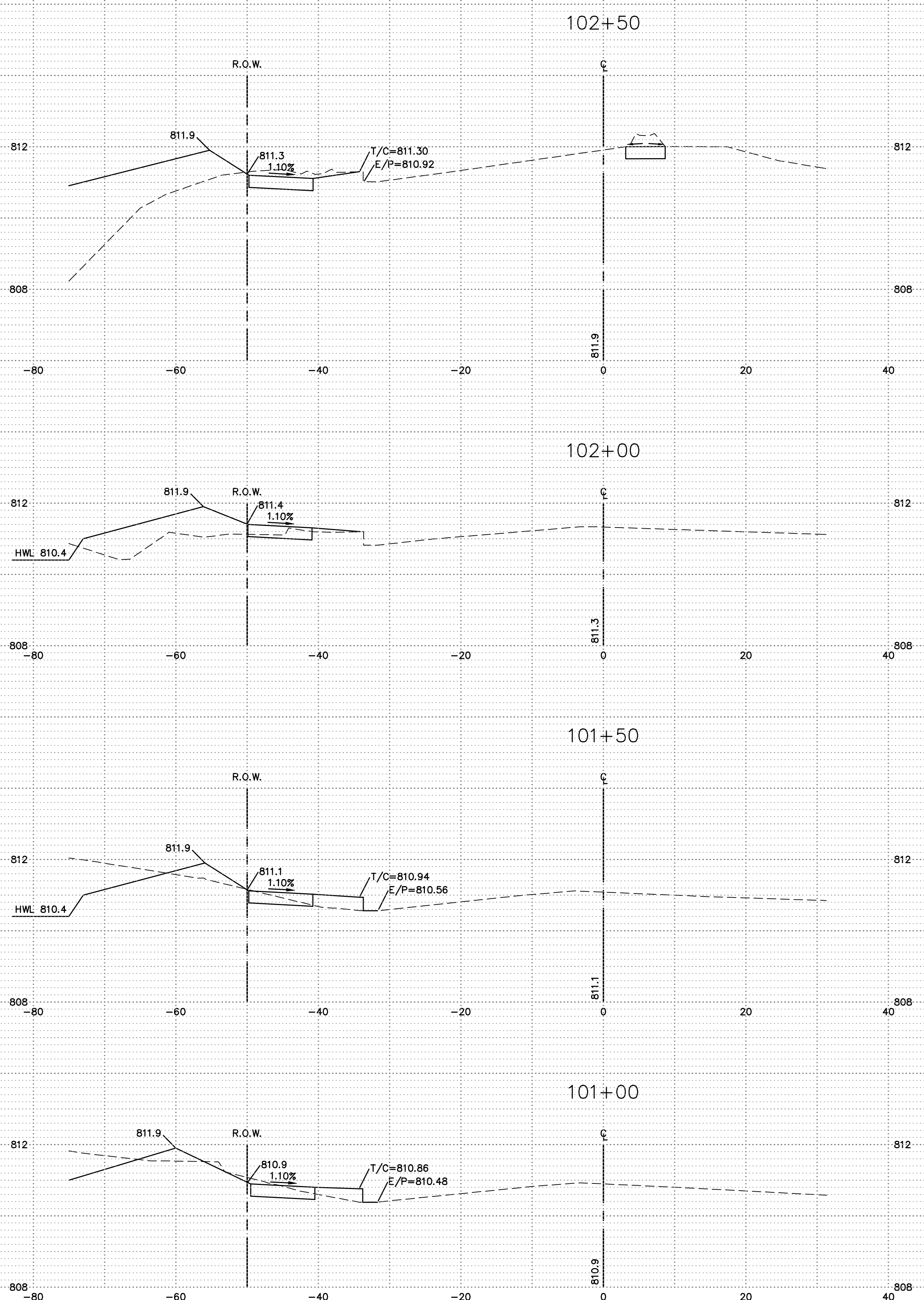
WISE ROAD
WISE COMMONS

FILE NAME: OVRPP	DSGN. BY: CRM	JOB NO.: 402.161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H; 5'V	23 of 27

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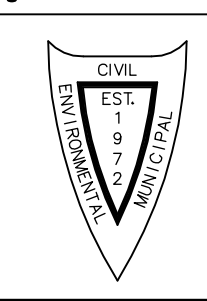
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PLOT FILE CREATED: 8/27/2024 1:46 PM BY LESLIE LUNDBERG DRAWING LAST SAVED: 8/12/2024 4:14 PM BY DAVID DRAWING PATH: P:\402161\WSE\ENG\DRAWINGS\FINAL DRAFTING\WSE_XSEC.DWG



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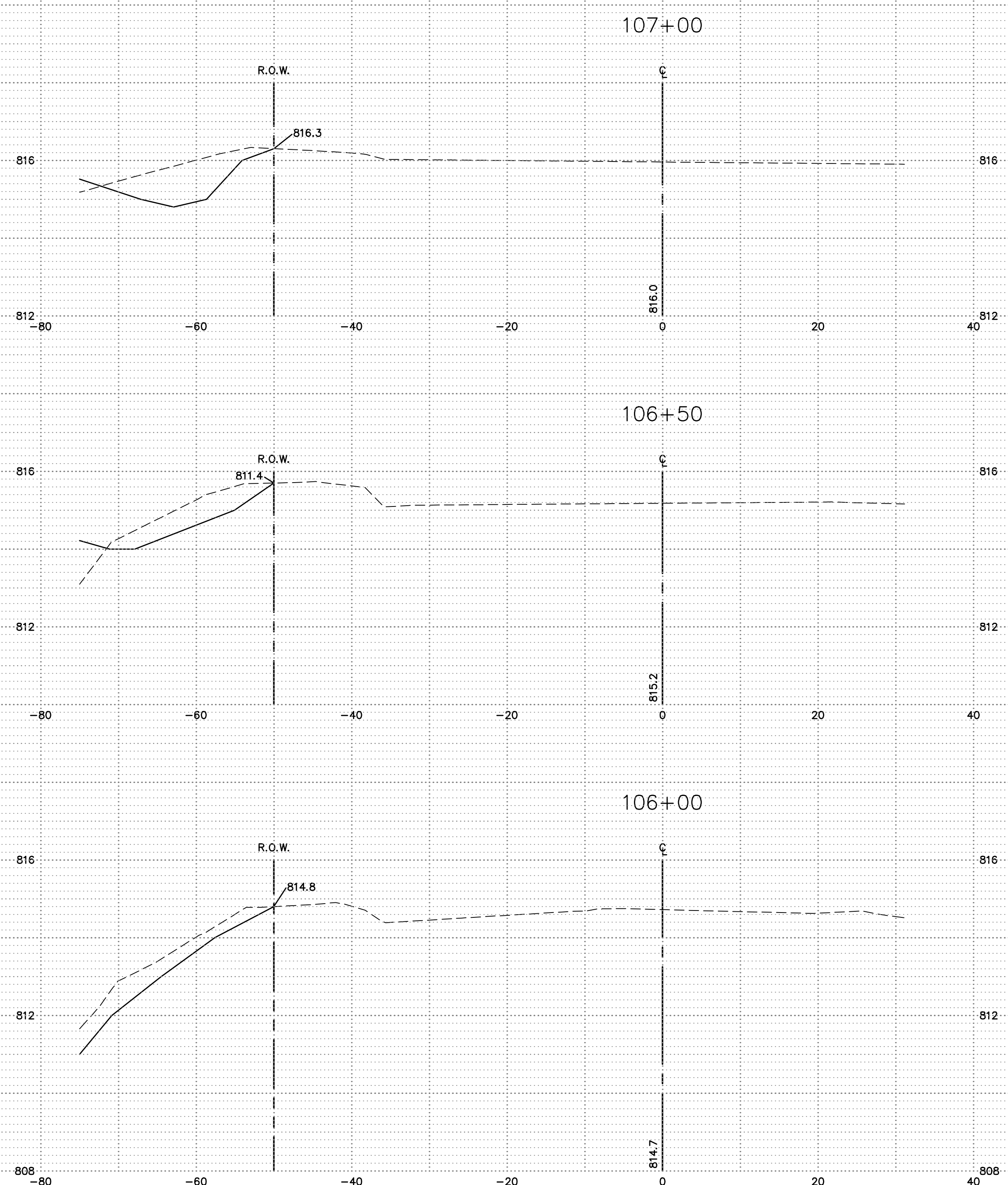
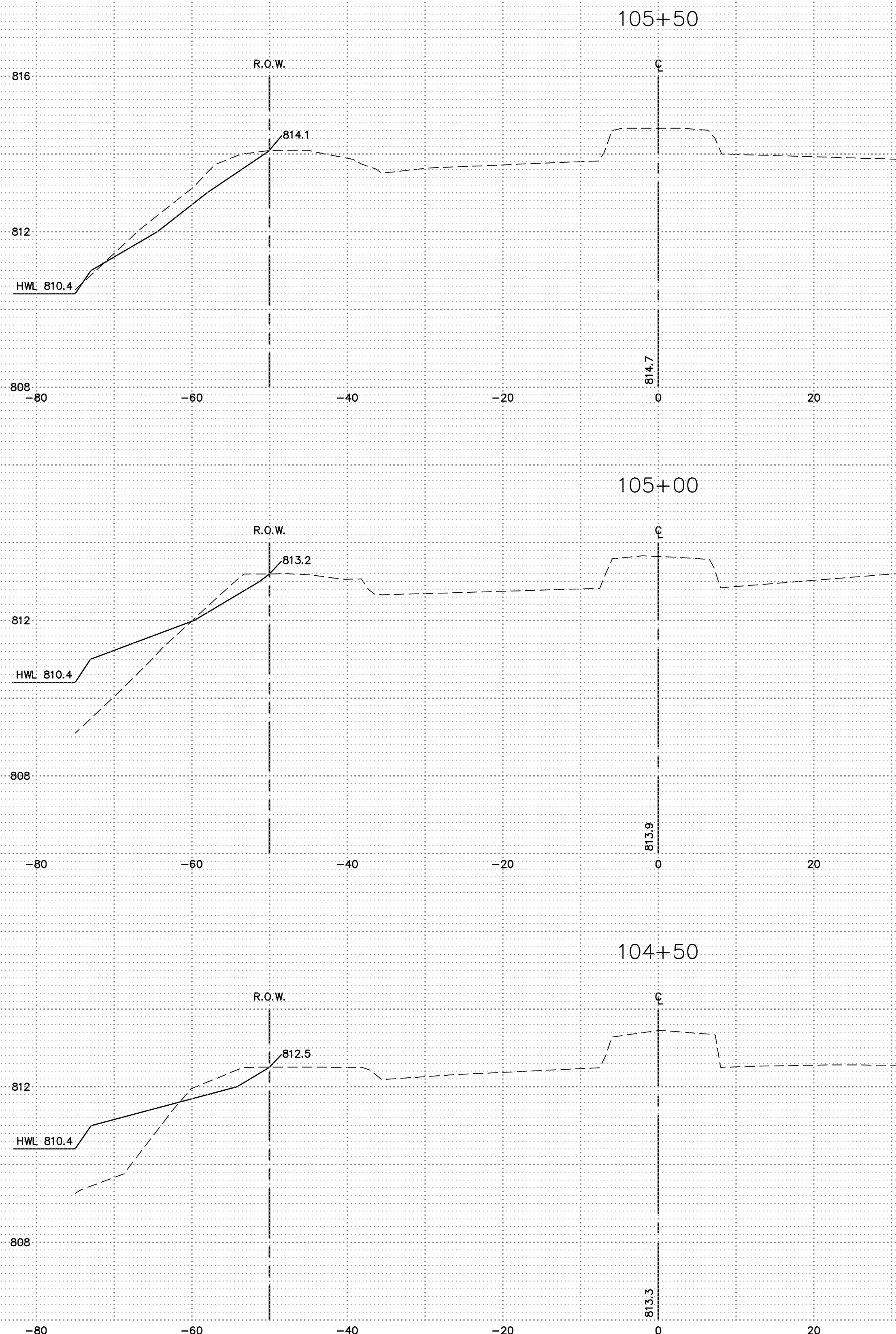
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NO.		DATE	DESCRIPTION	REVISIONS		NO.	DATE	DESCRIPTION

WISE ROAD STA. 101+00 TO STA. 104+00
WISE COMMONS

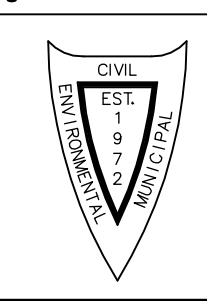
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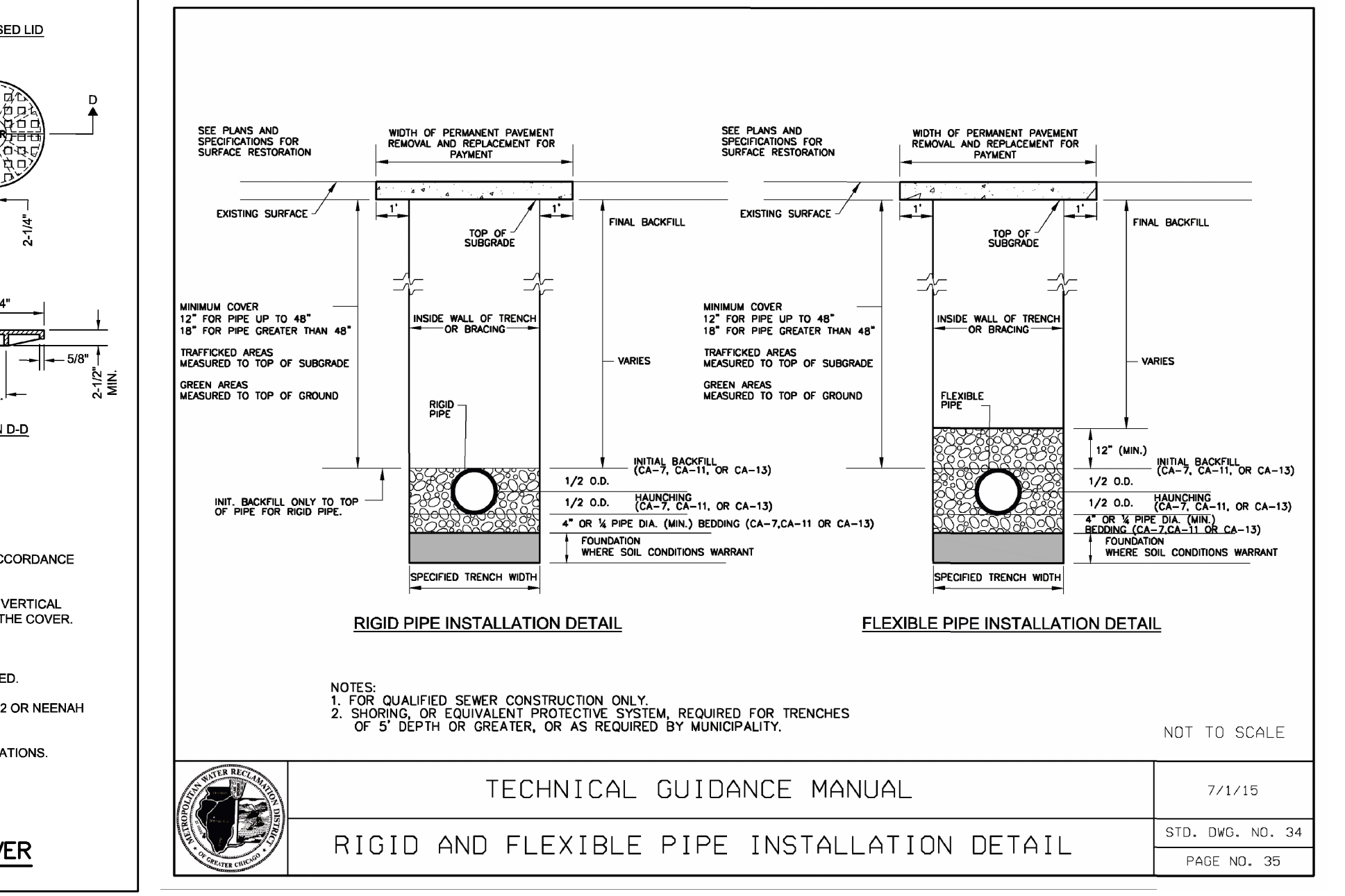
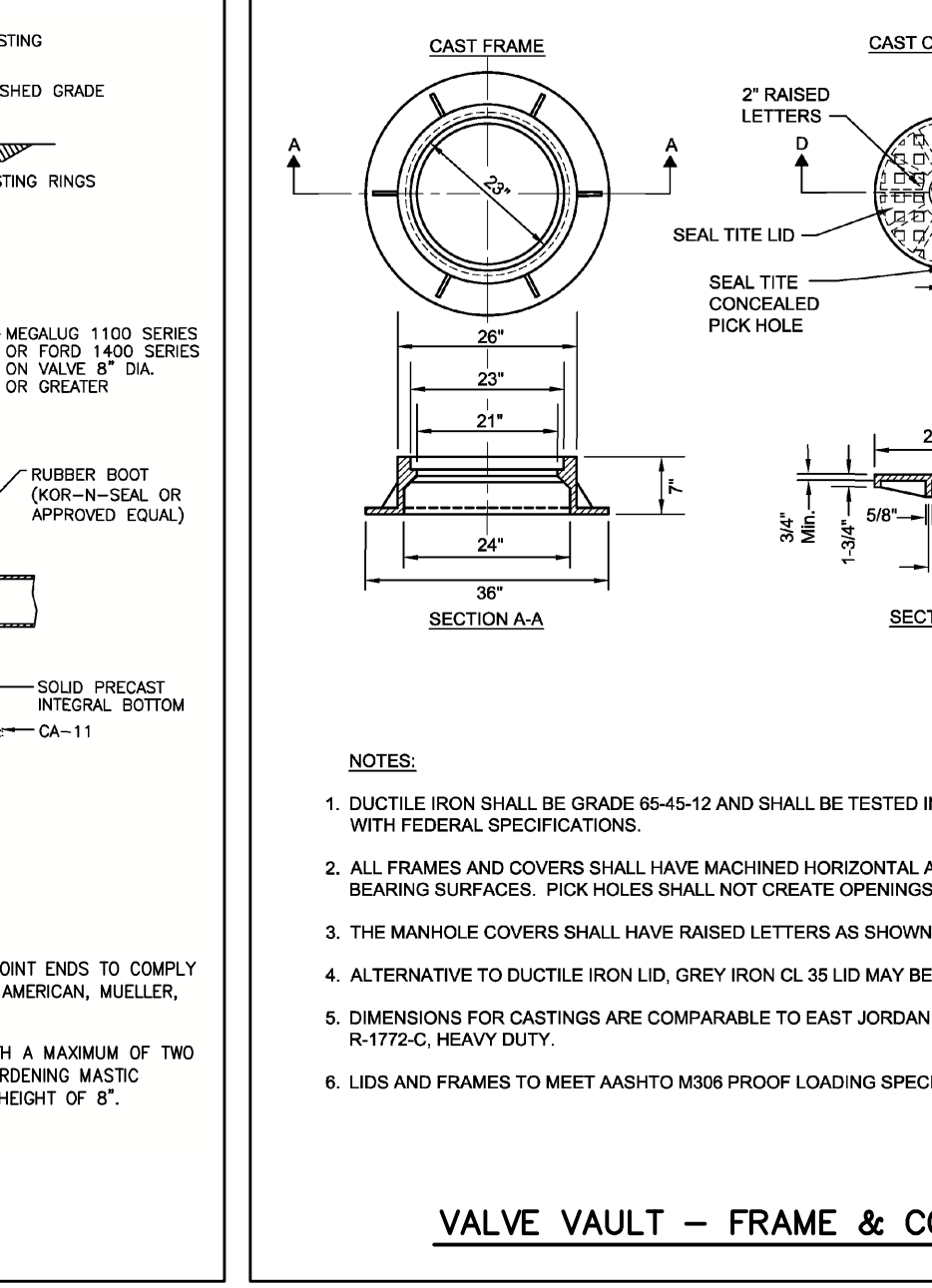
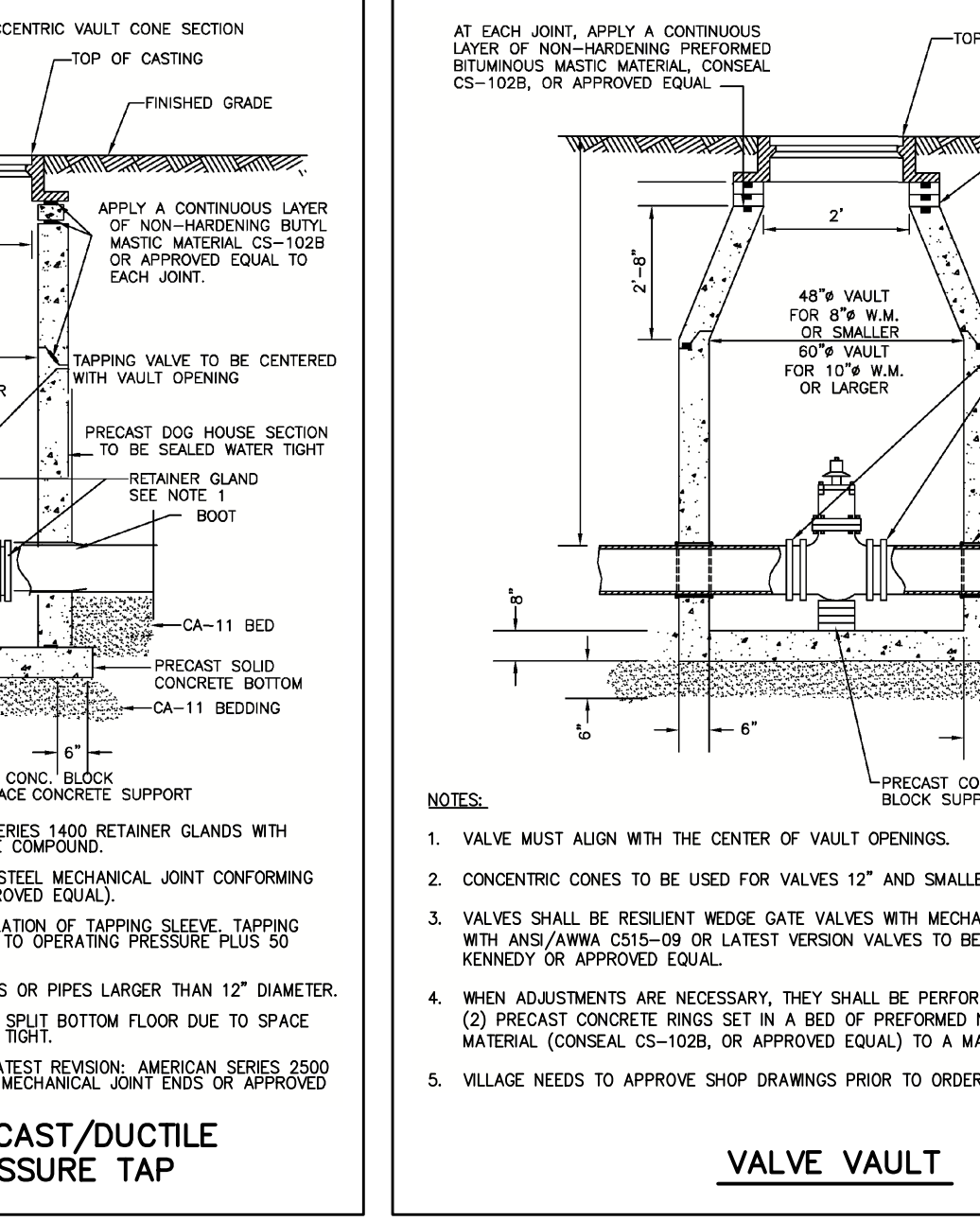
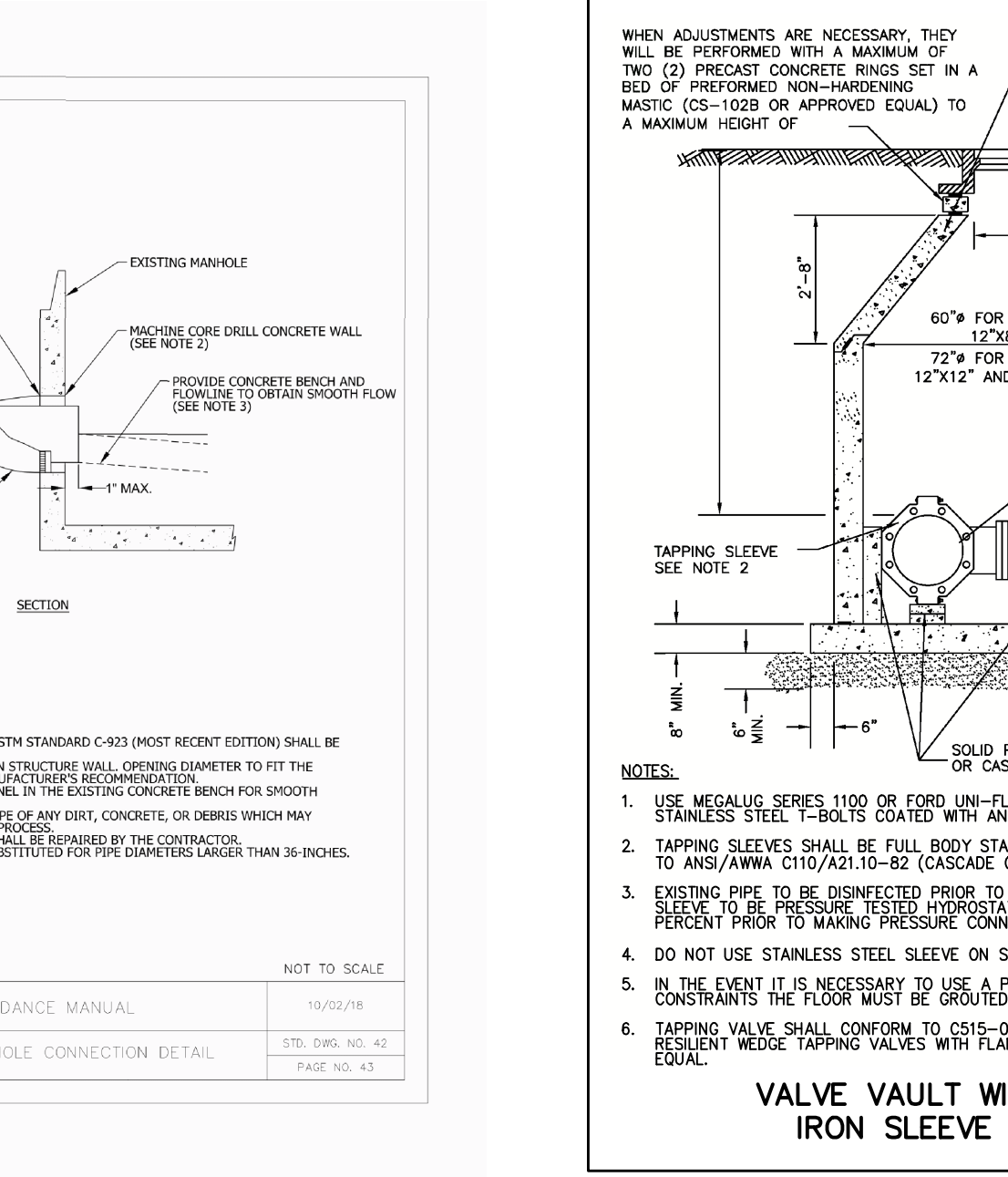
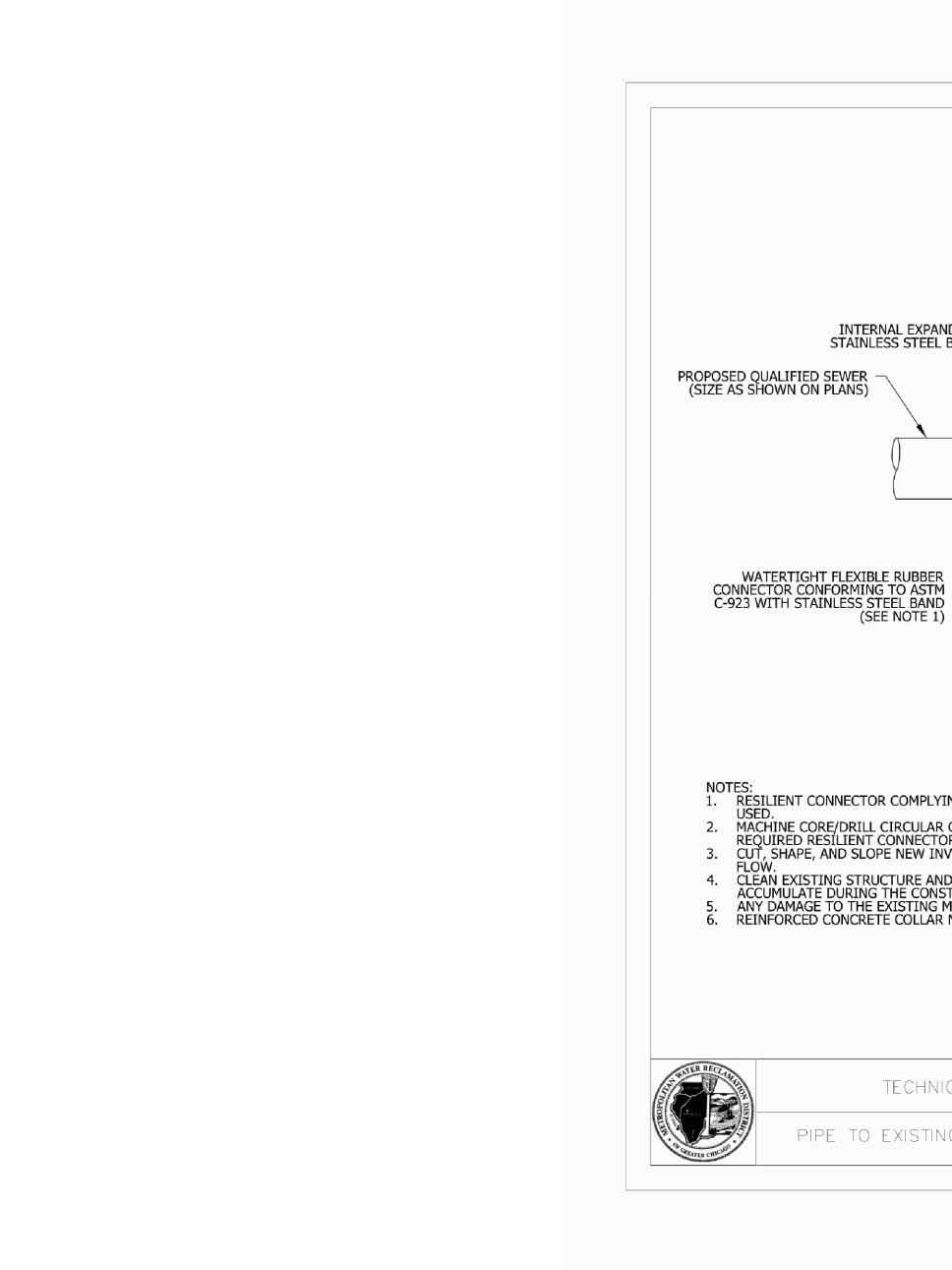
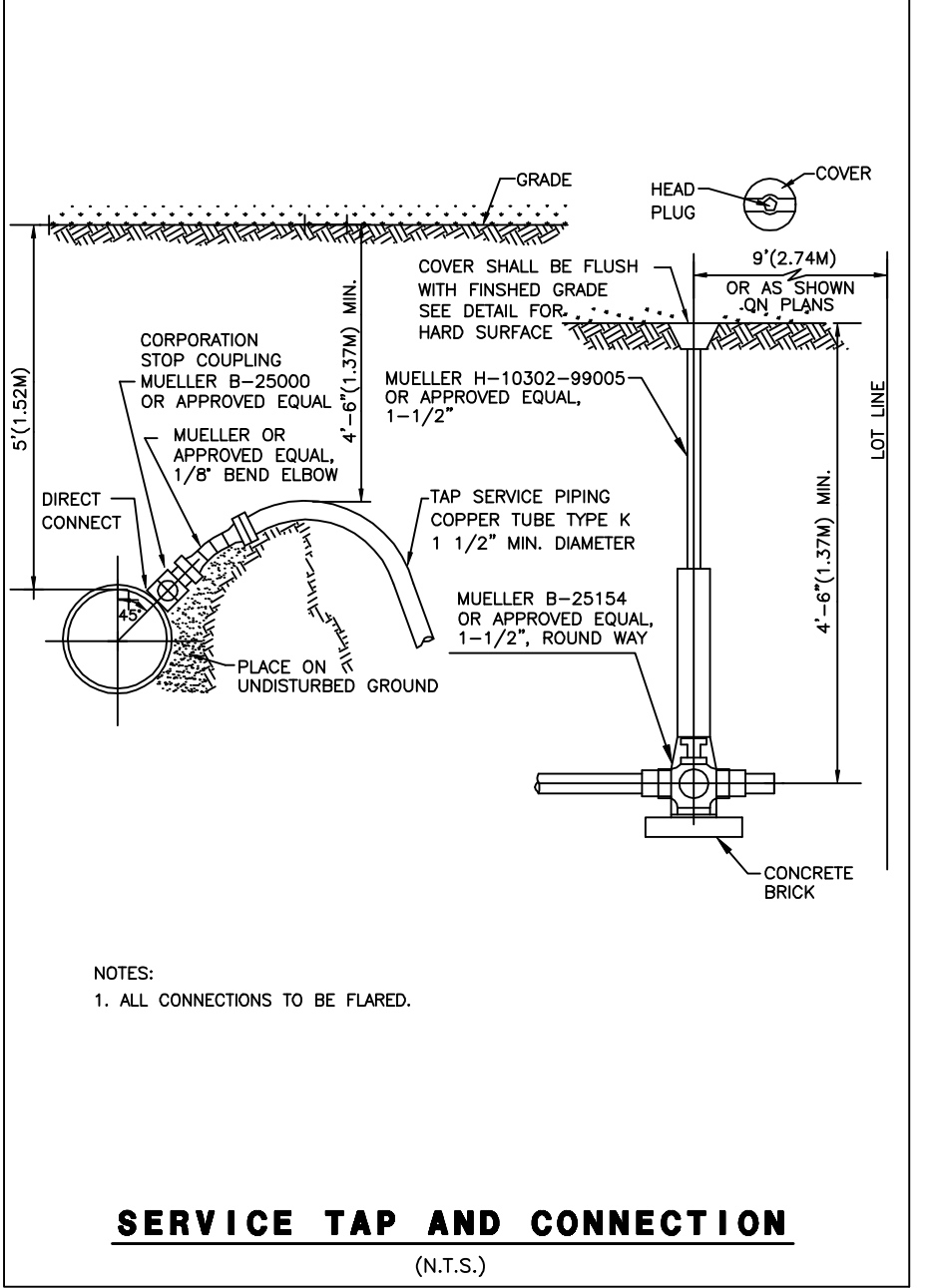
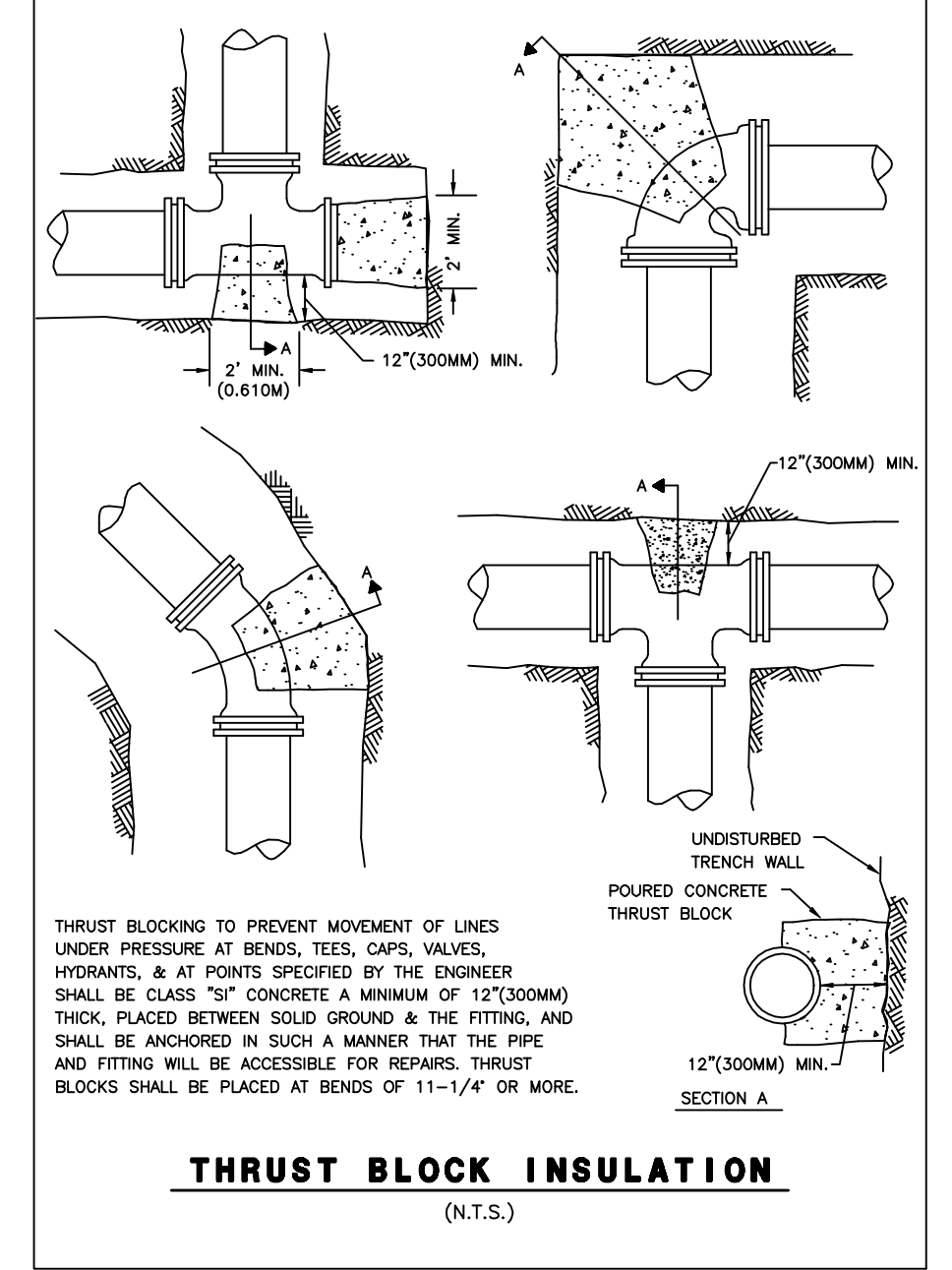
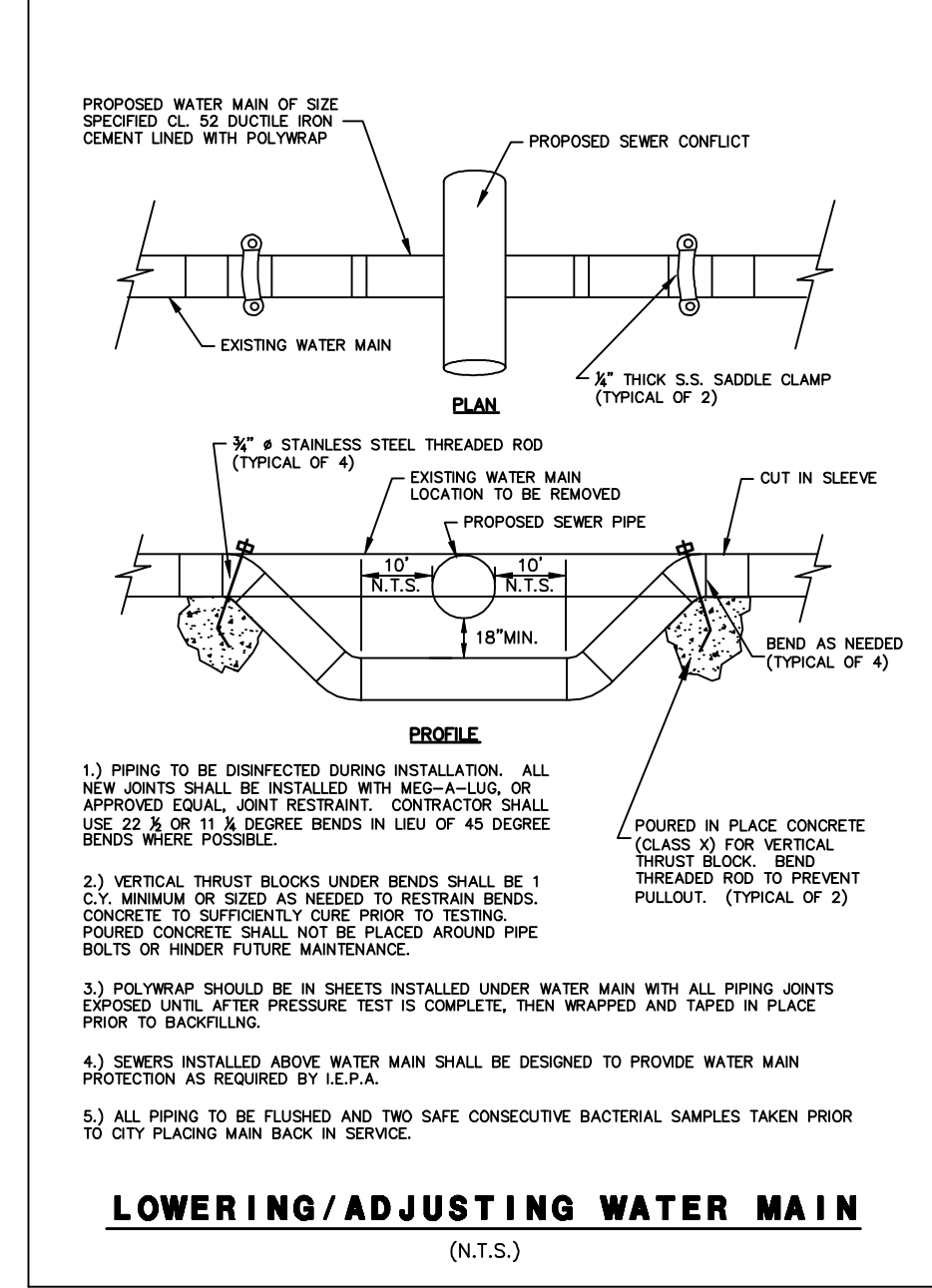
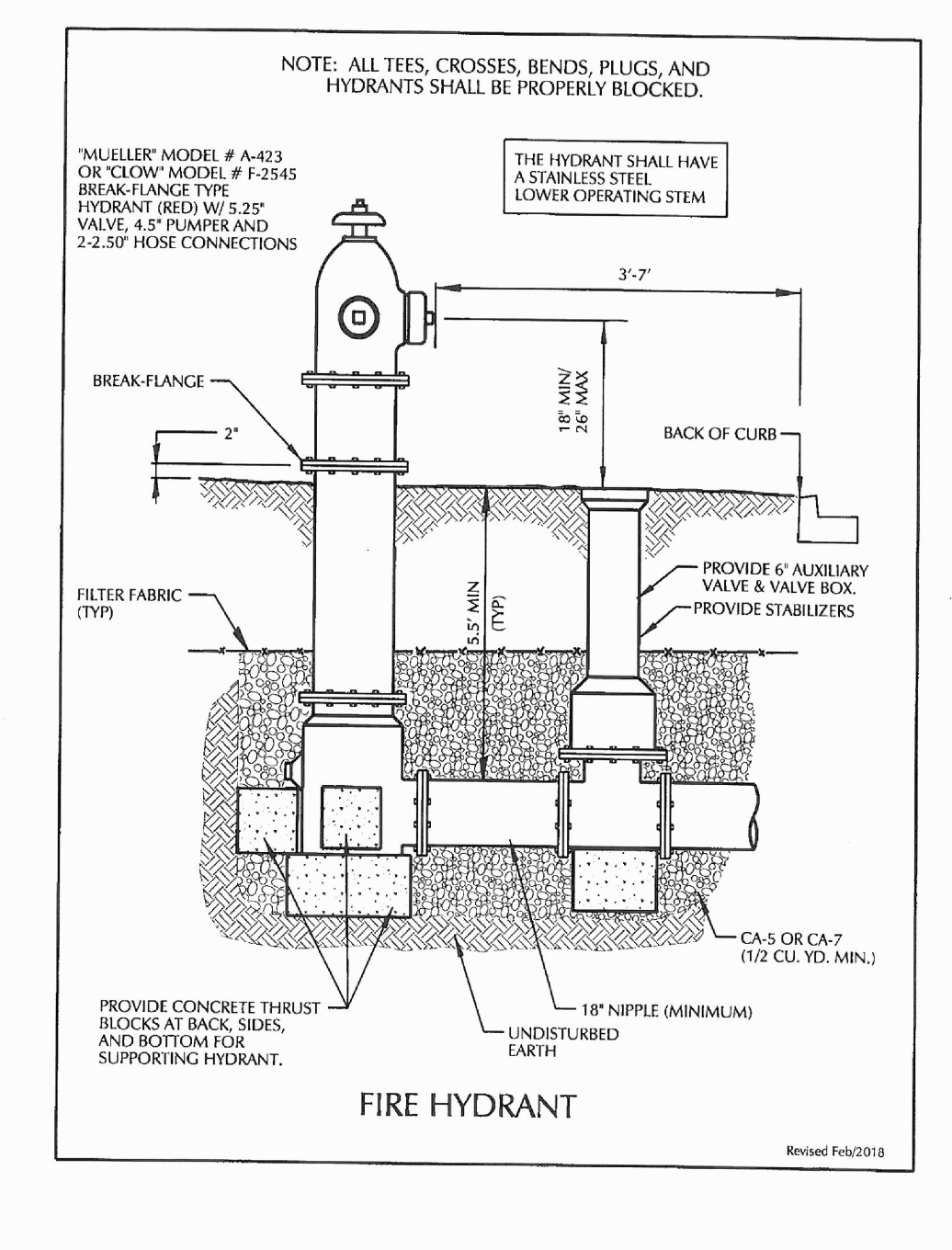
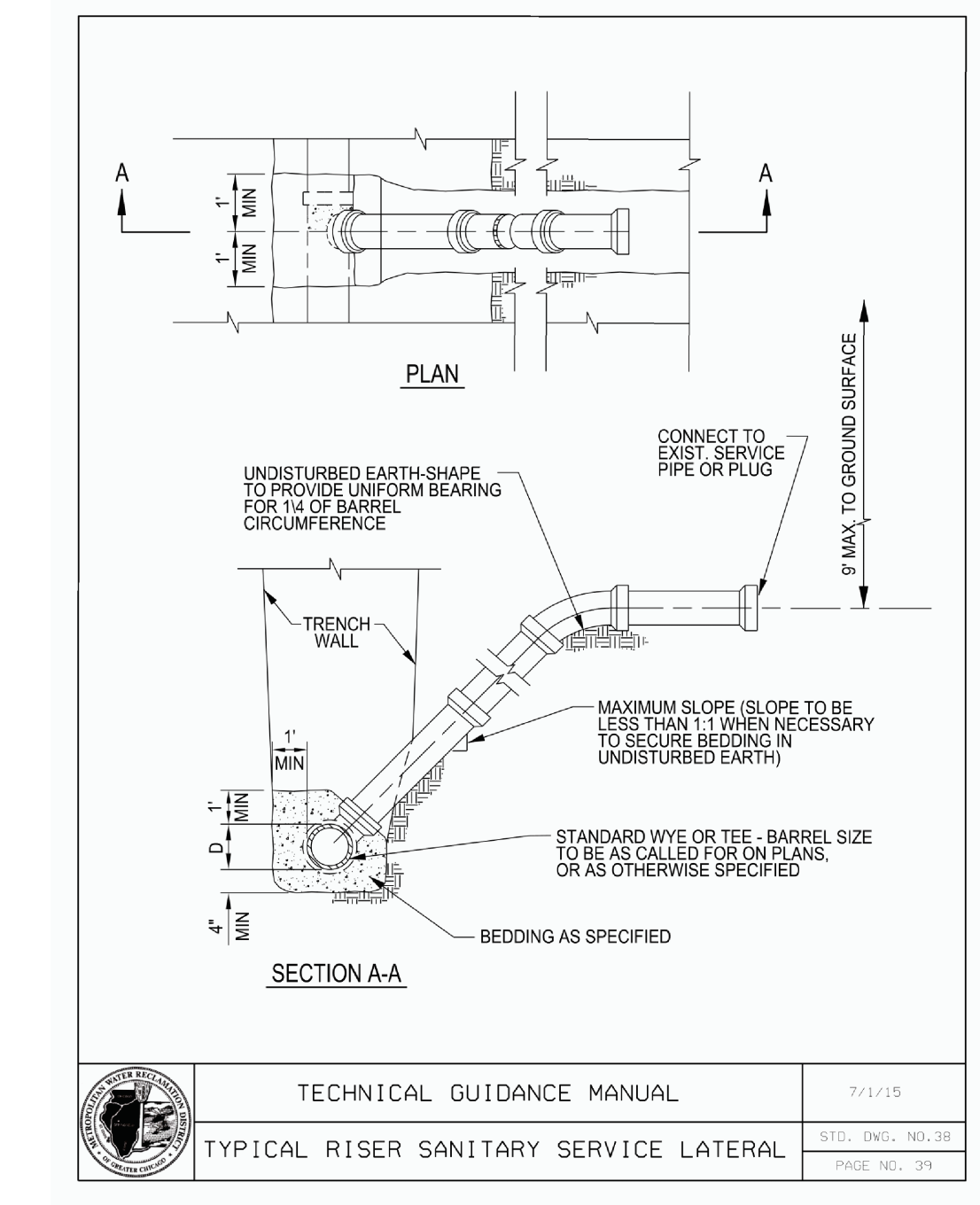
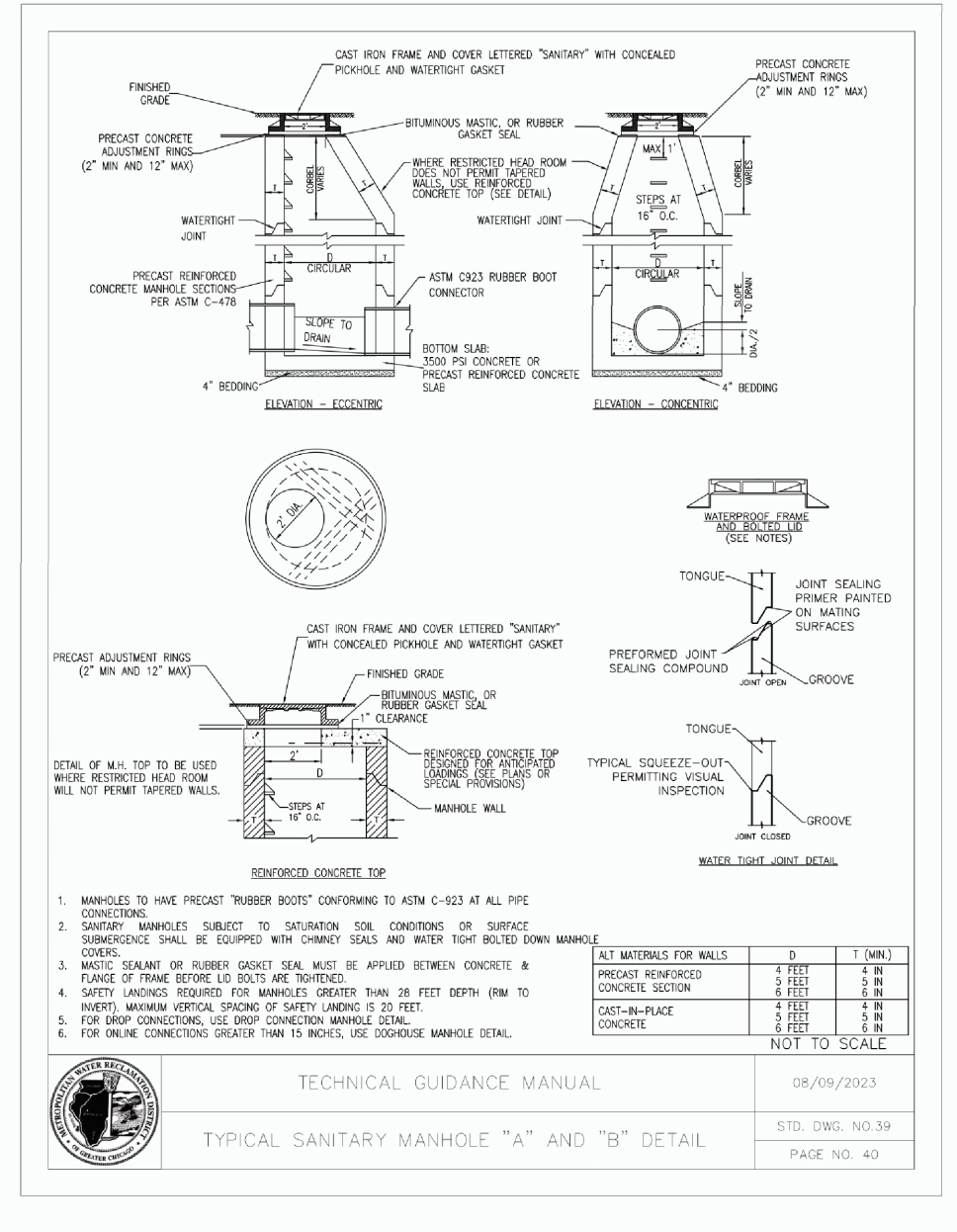
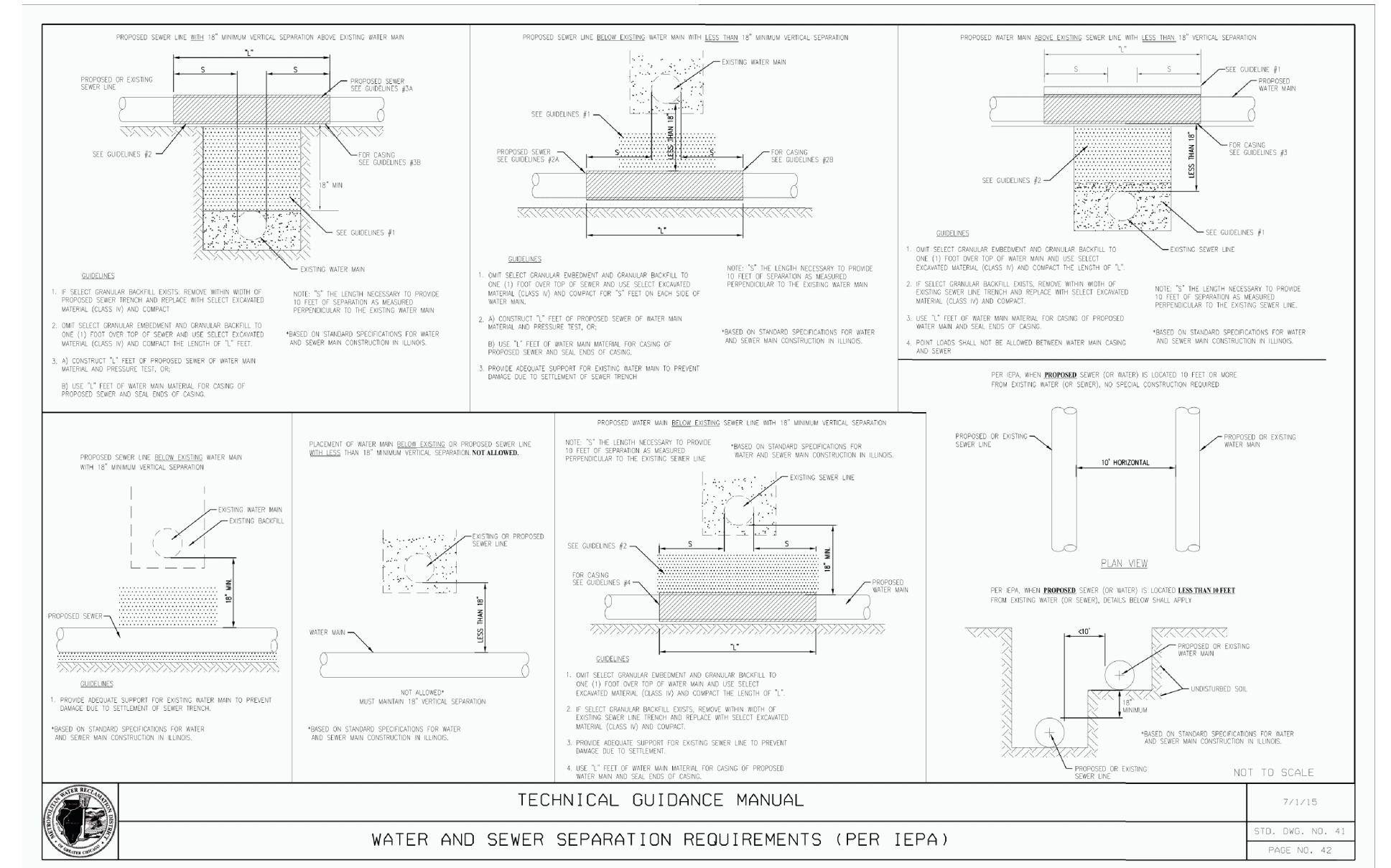
REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

WISE ROAD STA. 104+50 TO STA. 107+00
WISE COMMONS

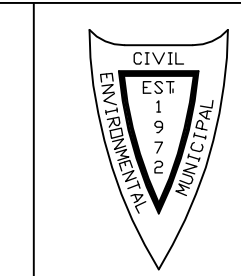
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DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 30'H; 2"V	

PLOT FILE CREATED: 8/27/2024 1:47 PM BY LESLIE LUNDBERG DRAWING LAST SAVED: 8/12/2024 2:00 PM BY DAVID DRAWING PATH: P:\402161\DWG\ENG\DRAWINGS\FINAL\DRAWING DETAILS.DWG

- TYPICAL ATTACHED SINGLE FAMILY NOTES**
- 1) VERIFY LOCATION w/ PLANS. SOME SERVICES NOT DEPICTED AS SHOWN DUE TO LOCALIZED CONSTRAINTS. NO B-BOXES IN DRIVEWAYS OR SIDEWALKS. SERVICE SHALL BE SIZED PRIOR TO BUILDING PERMIT APPLICATION.
 - 2) MAINTAIN MINIMUM 2' SEPARATION FOR SERVICES.
 - 3) PROVIDE MINIMUM 10' BETWEEN WATERMAIN AND SANITARY.
 - 4) 6" SANITARY SEWER SERVICE (SEE PLAN FOR LOCATION). MARK TERMINUS w/GREEN 4" X 4" POST w/LOT NUMBER ON POST IN PERMANENT MARKER.
 - 5) "S" STAMP ON CURB (REQUIRED FOR ALL SERVICE LINES).
 - 6) 1-1/2" DOMESTIC SERVICE. LOCATE B-BOX BETWEEN THE SIDEWALK AND R.O.W. (SEE PLAN FOR LOCATION) MARK TERMINUS w/BLUE 4" X 4" POST w/LOT NUMBER ON POST IN PERMANENT MARKER.
 - 7) "W" STAMP ON CURB (REQUIRED FOR ALL SERVICE LINES).



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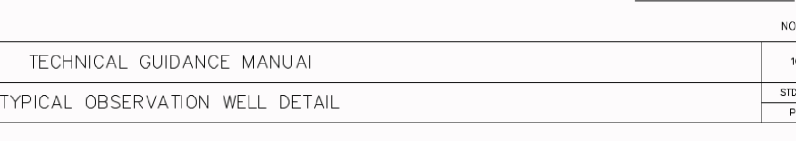
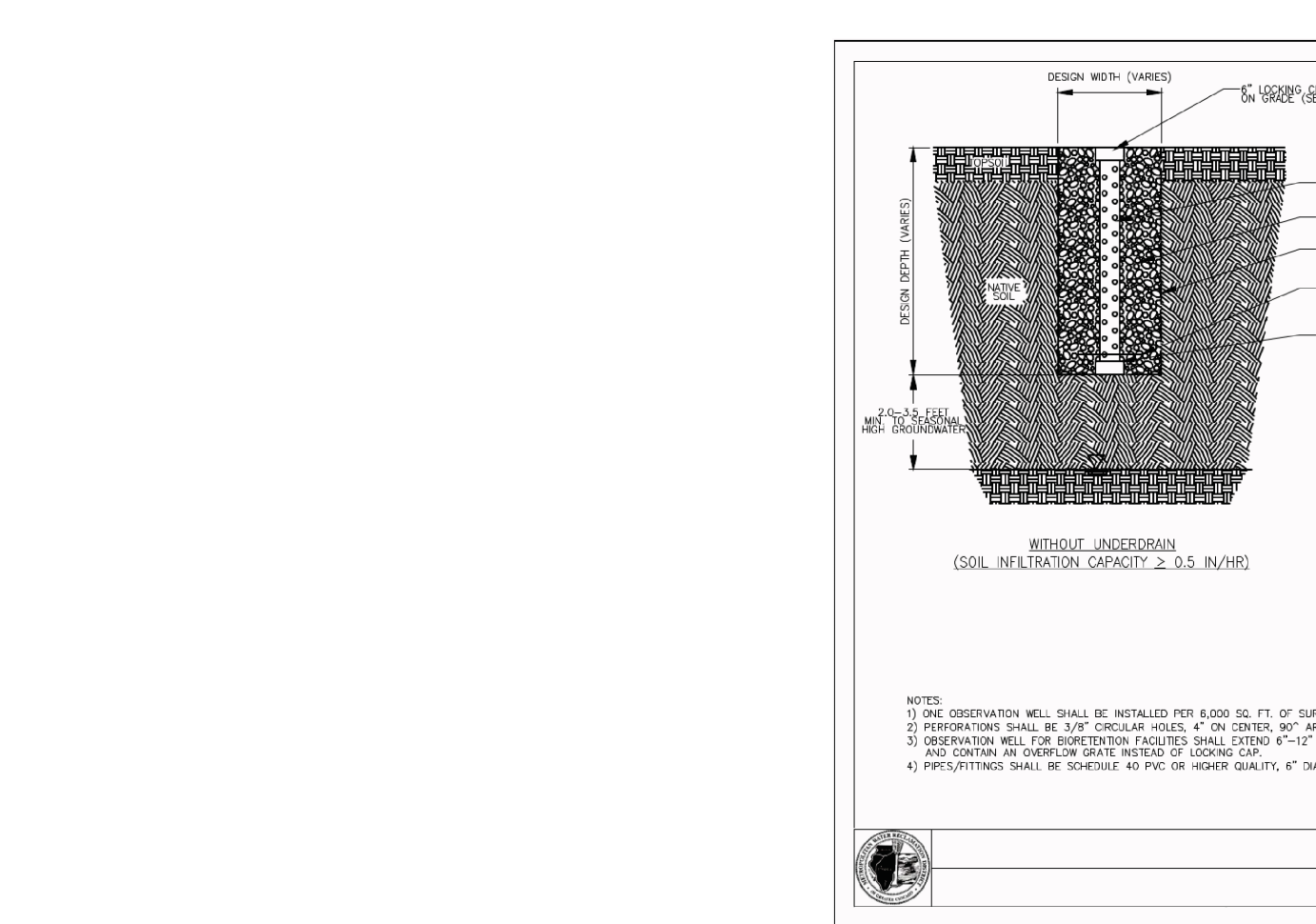
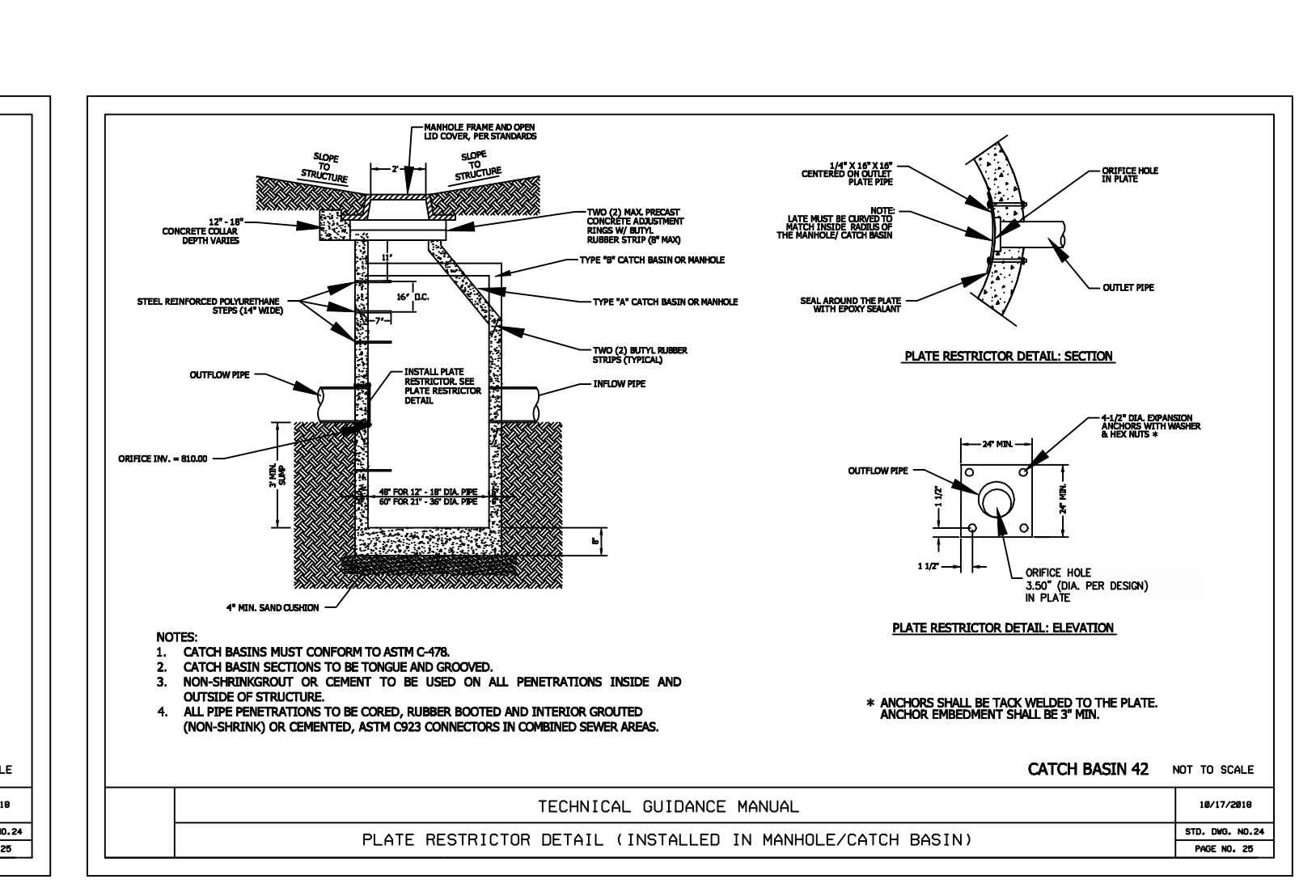
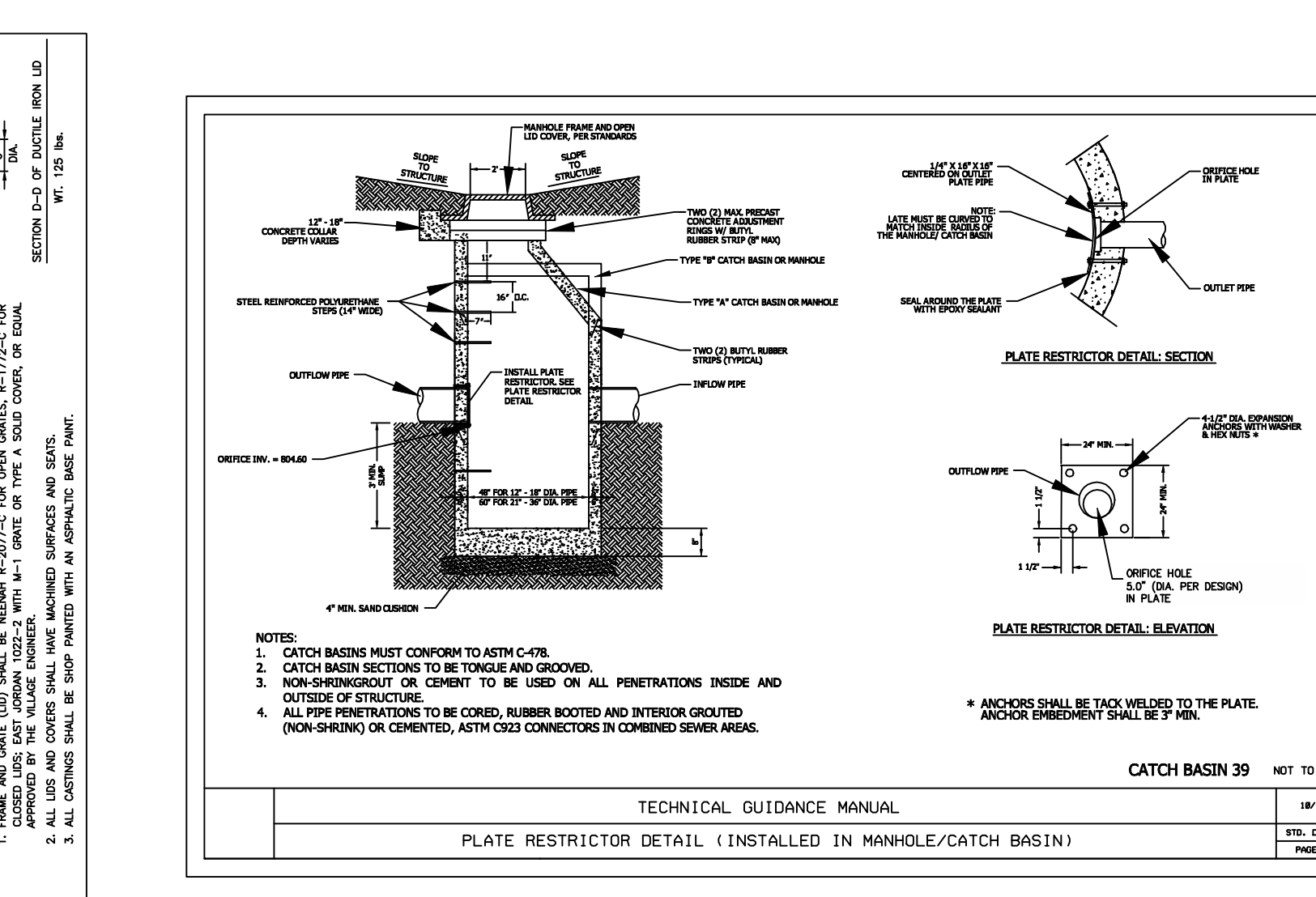
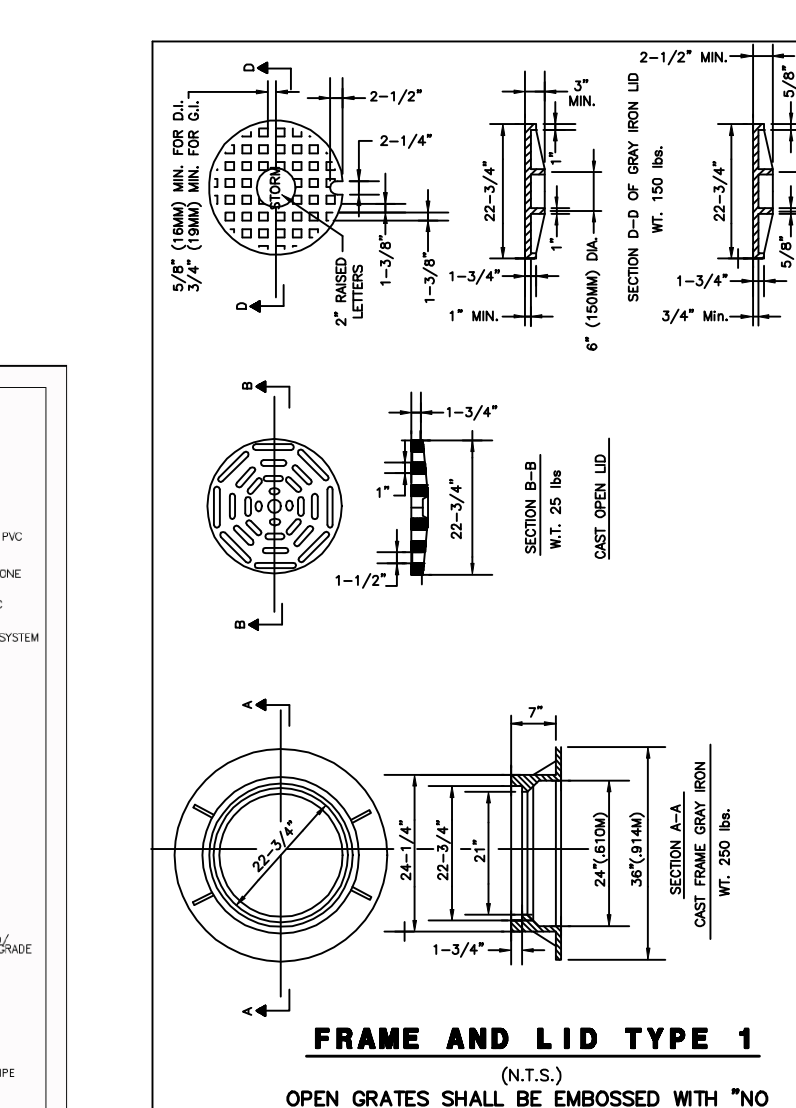
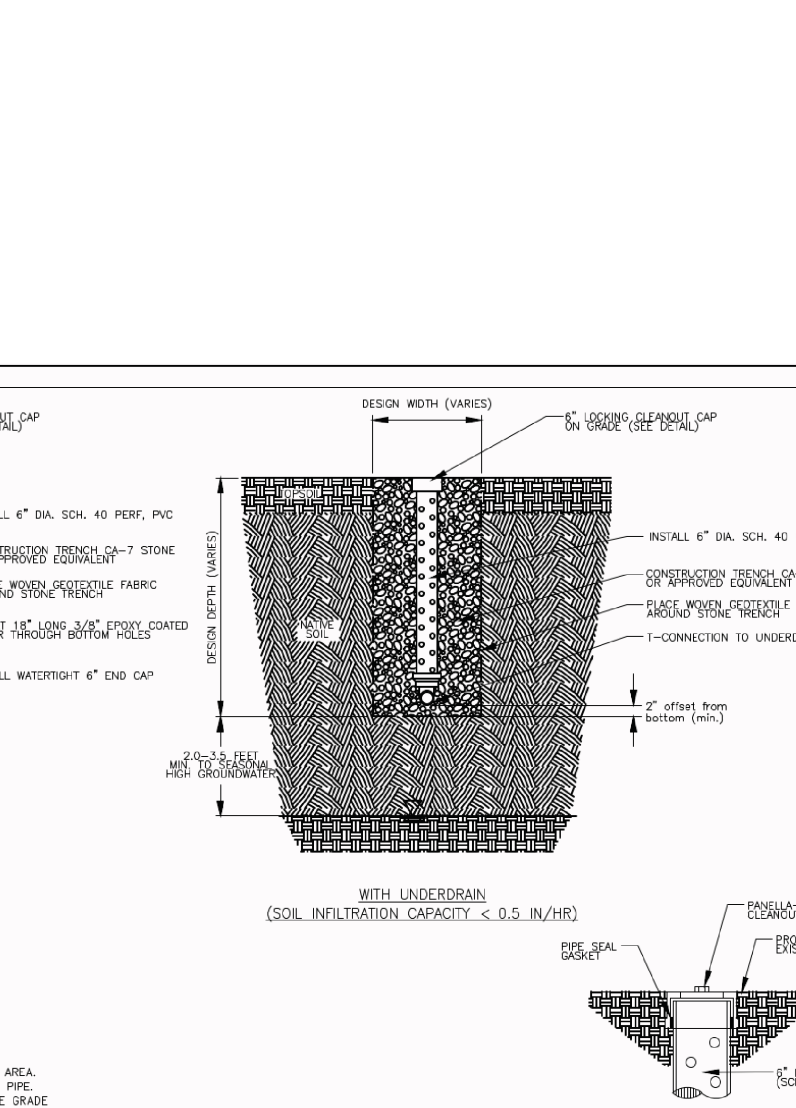
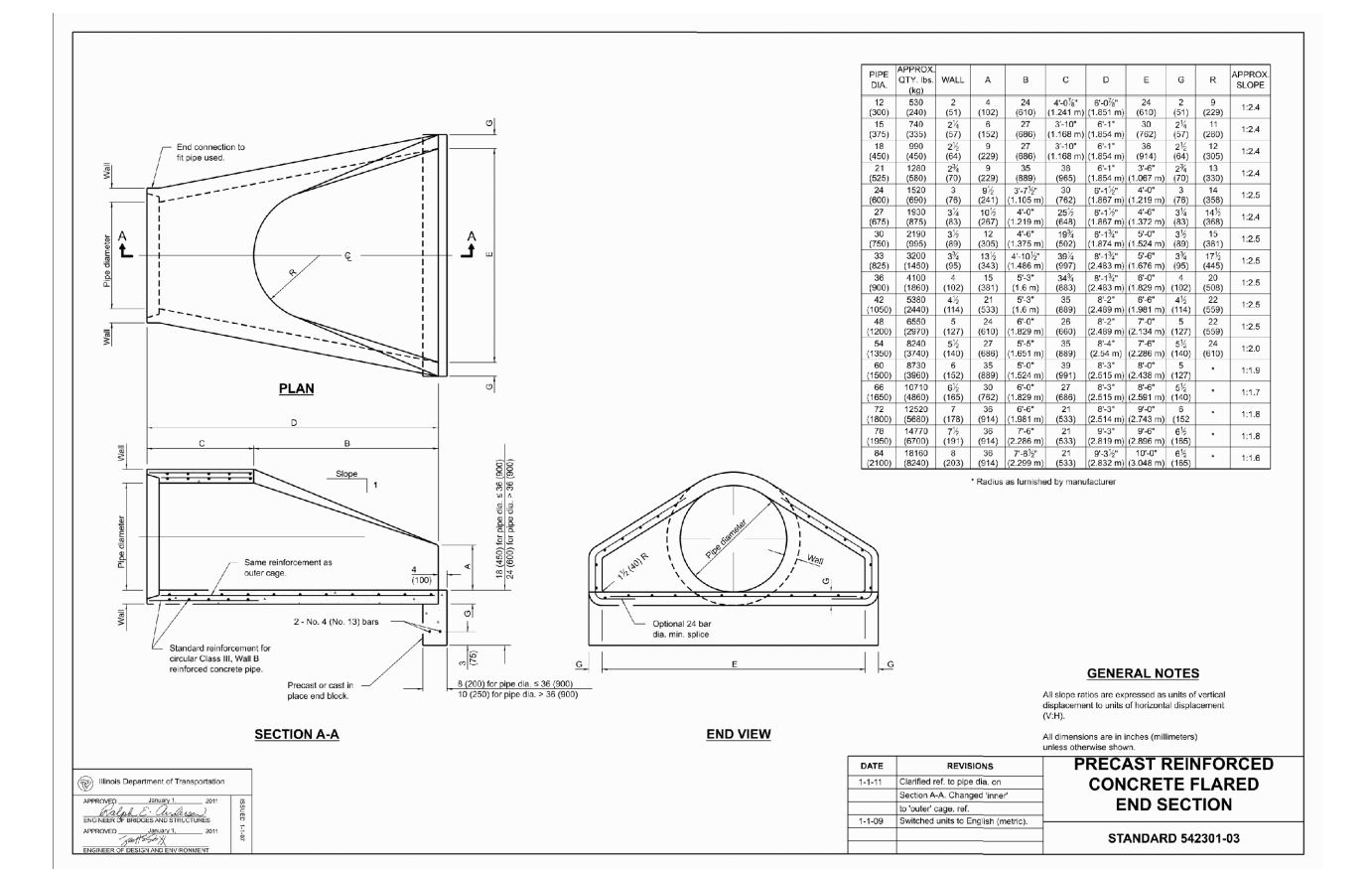
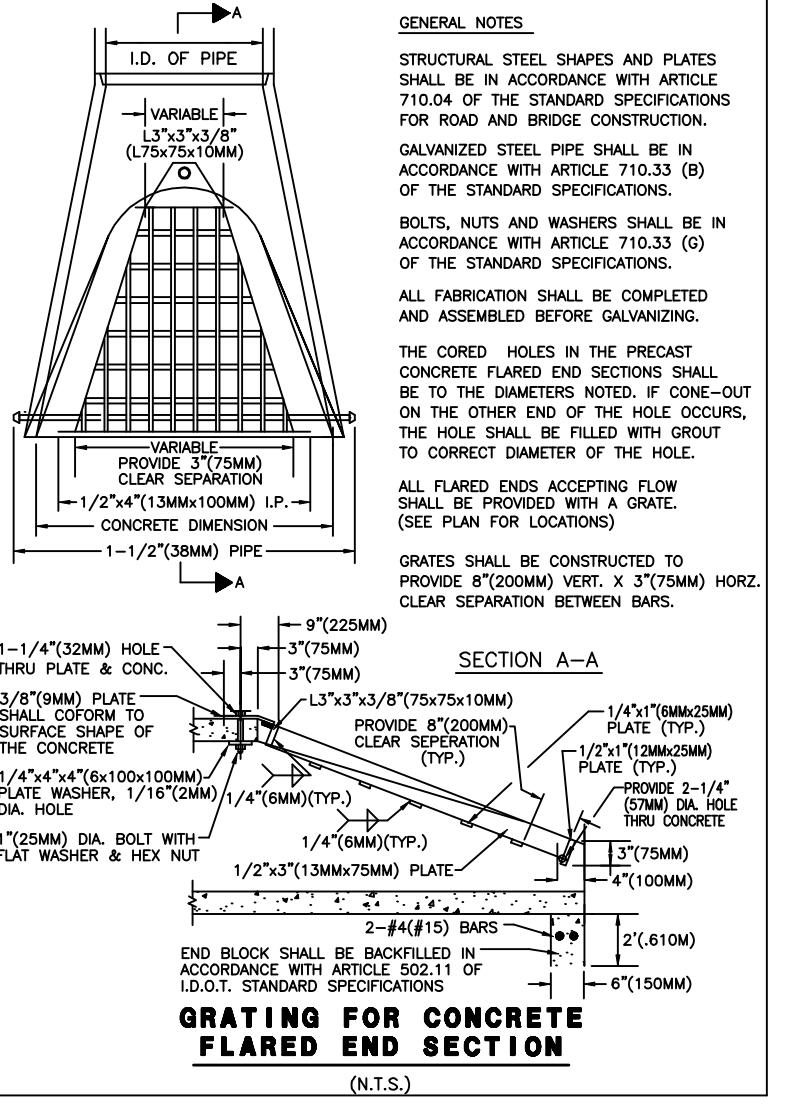
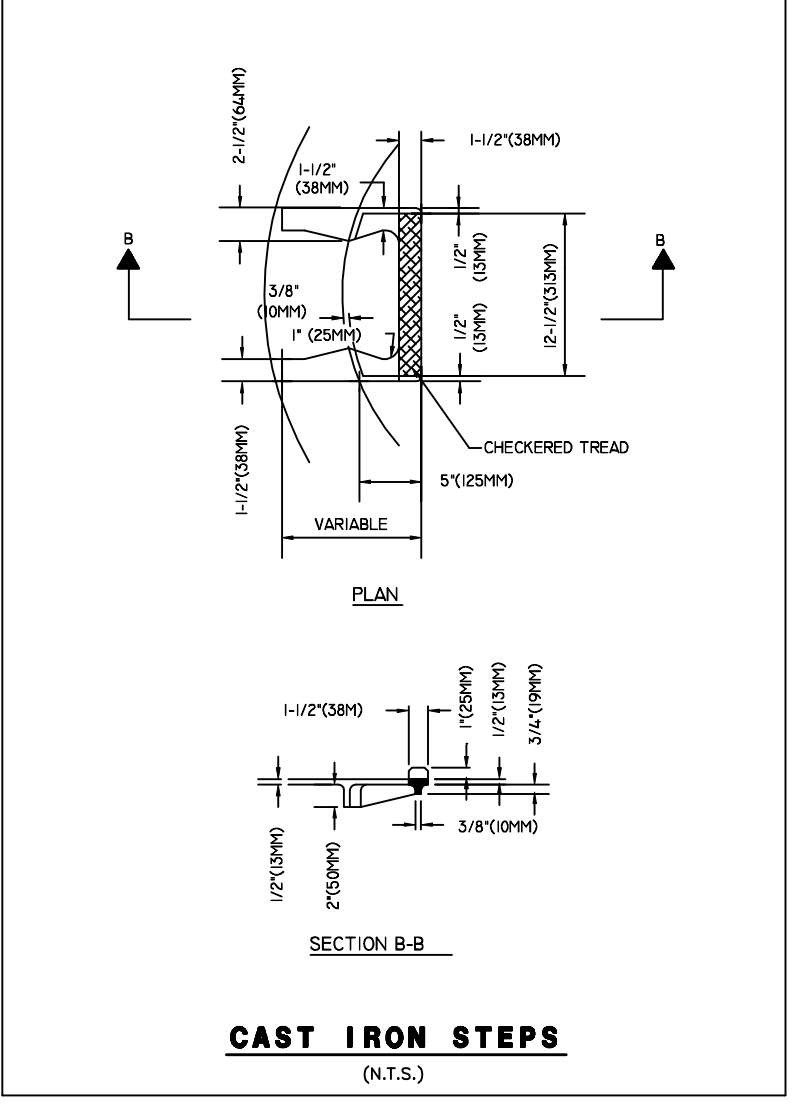
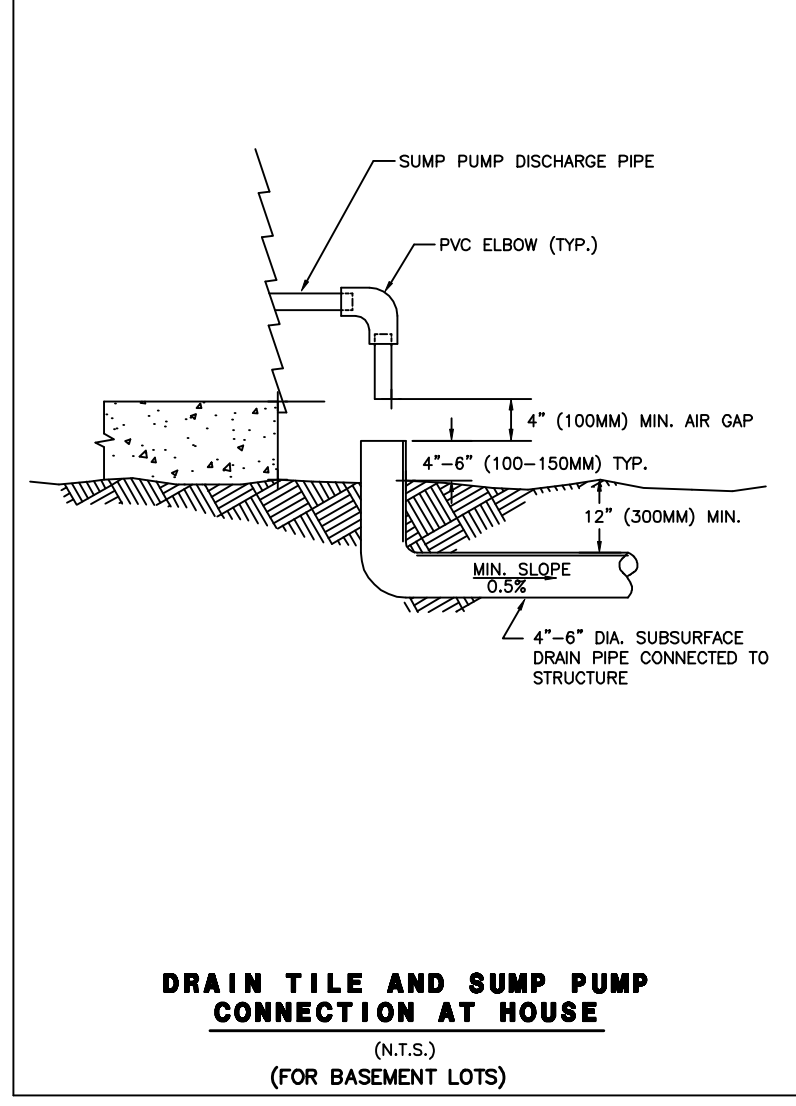
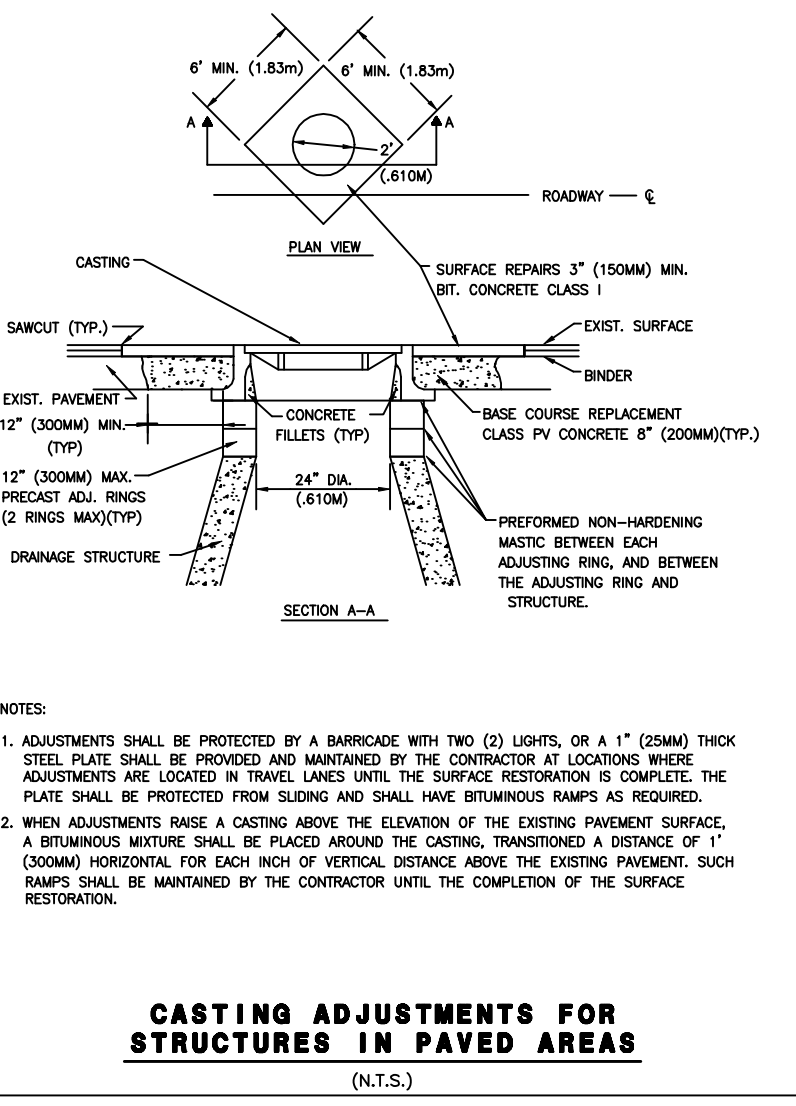
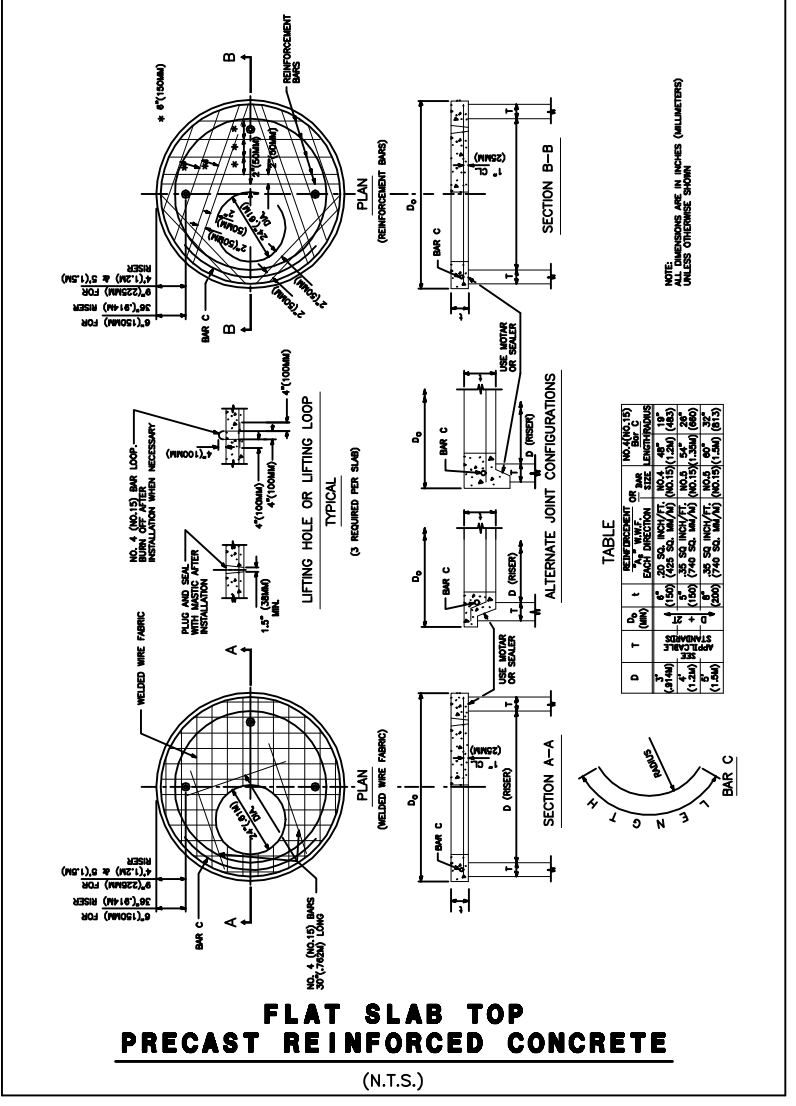
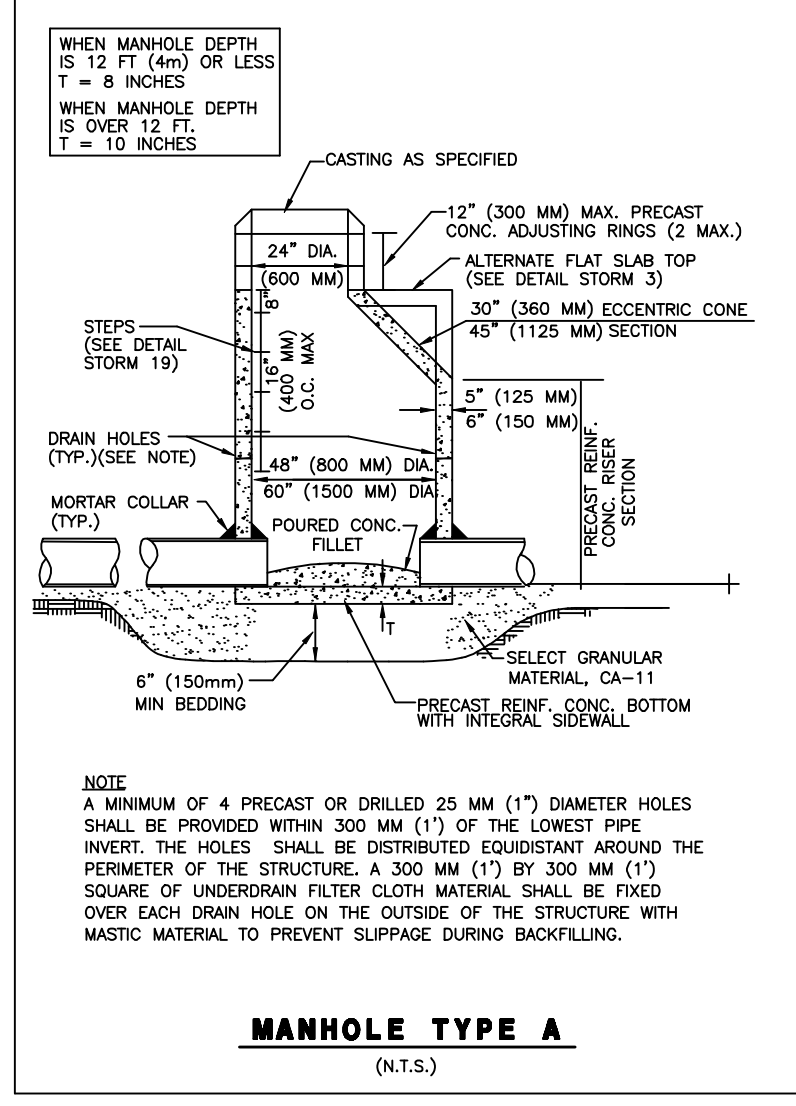
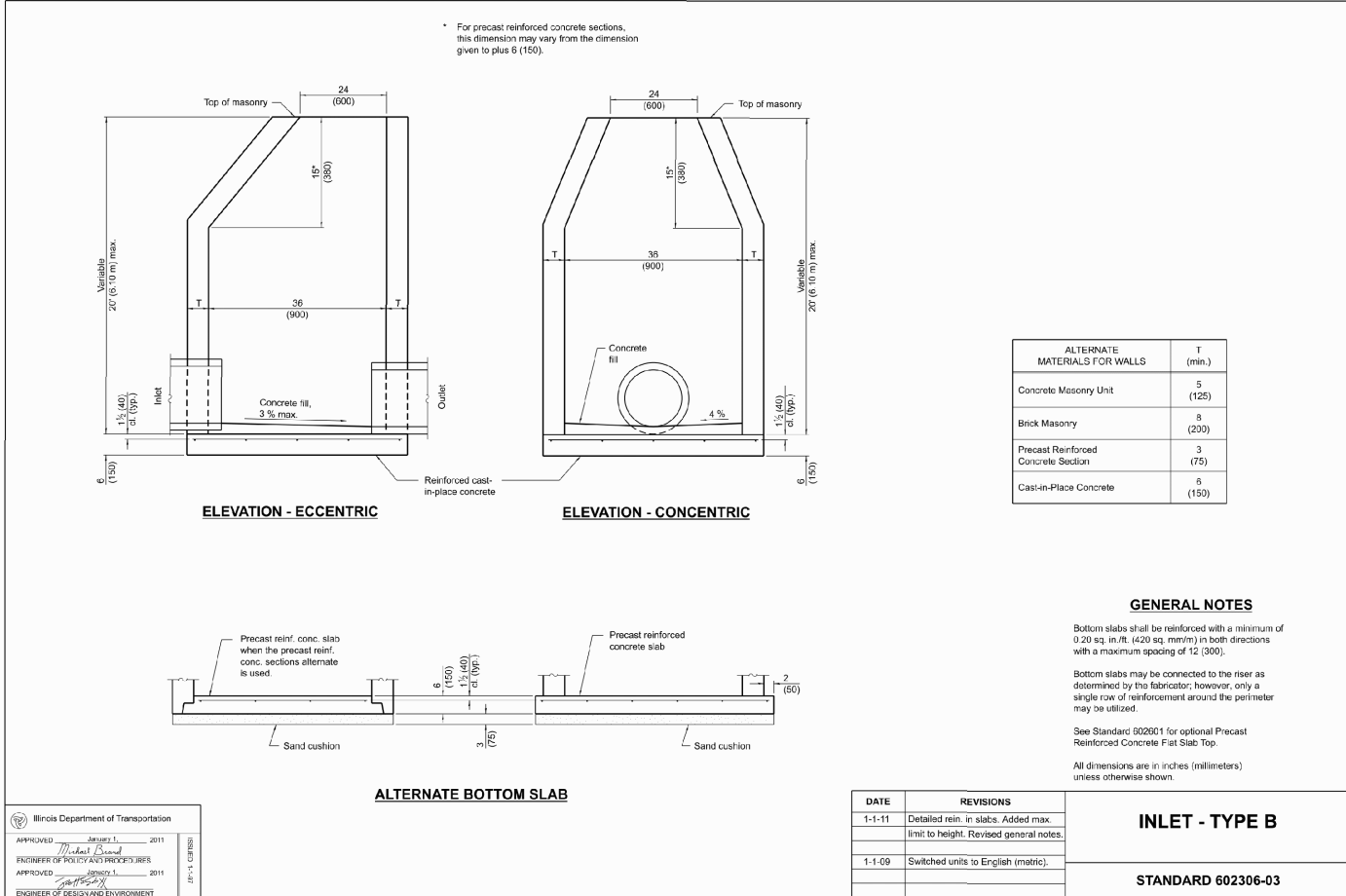
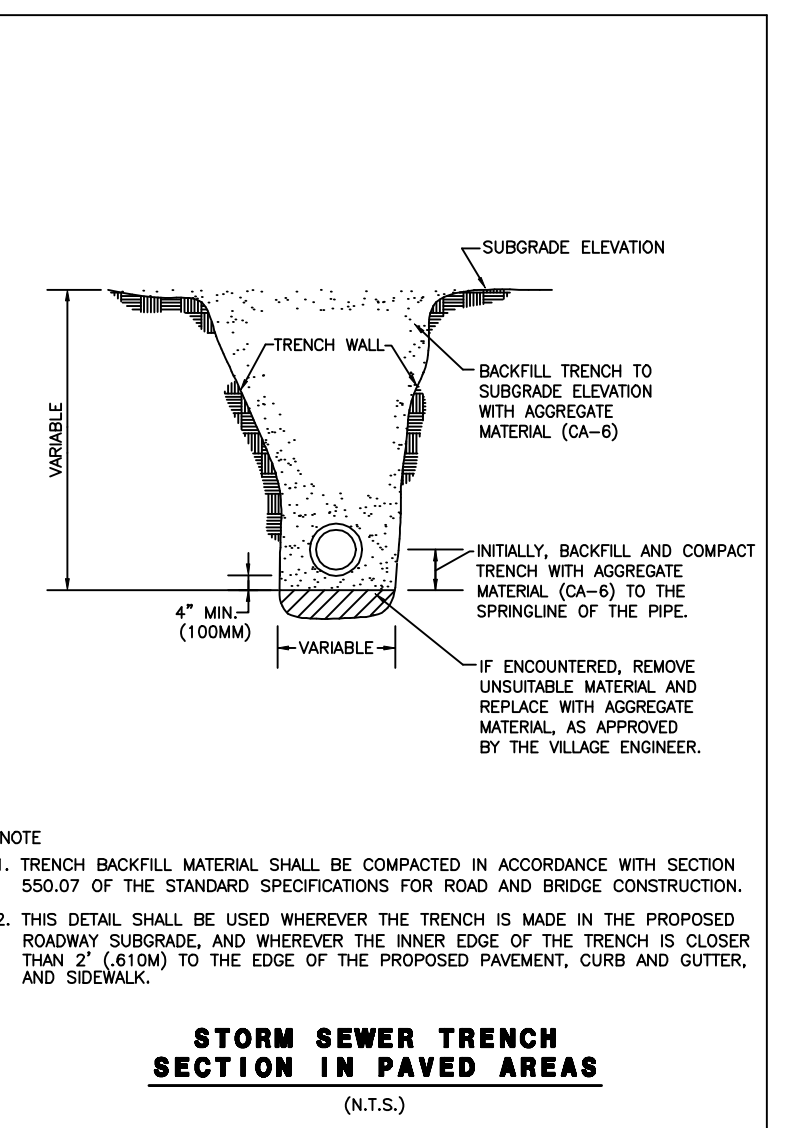
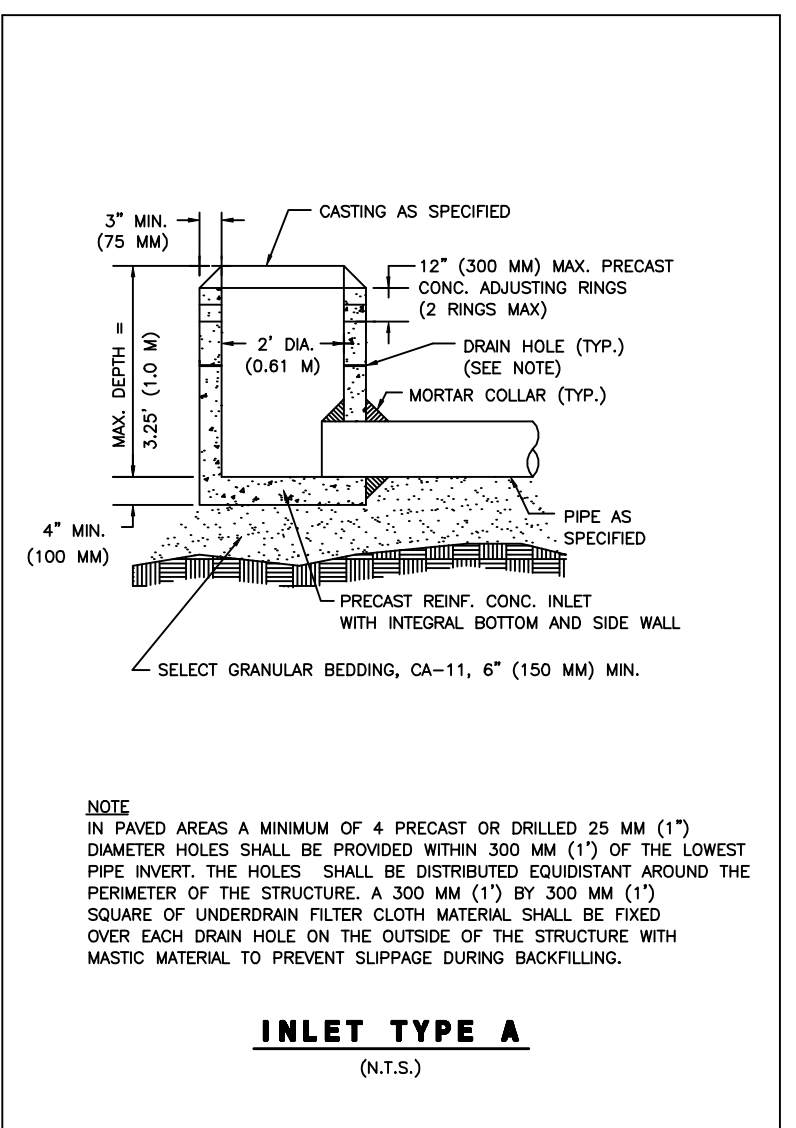
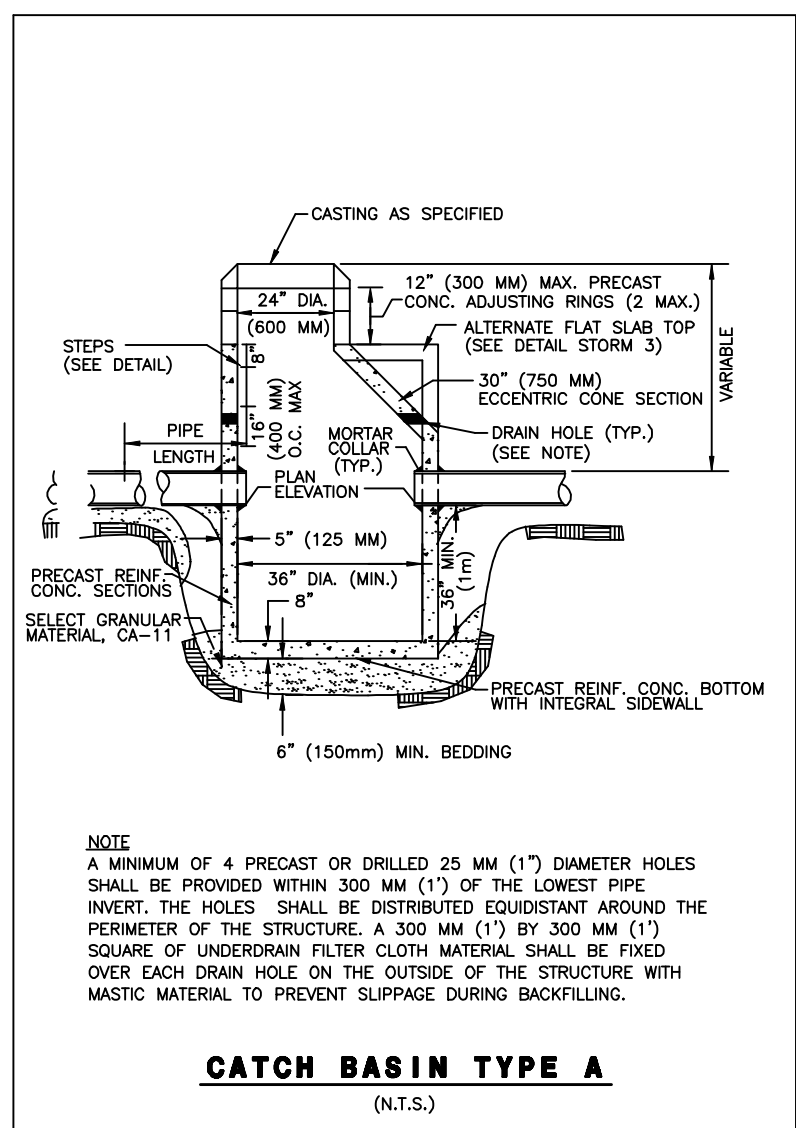
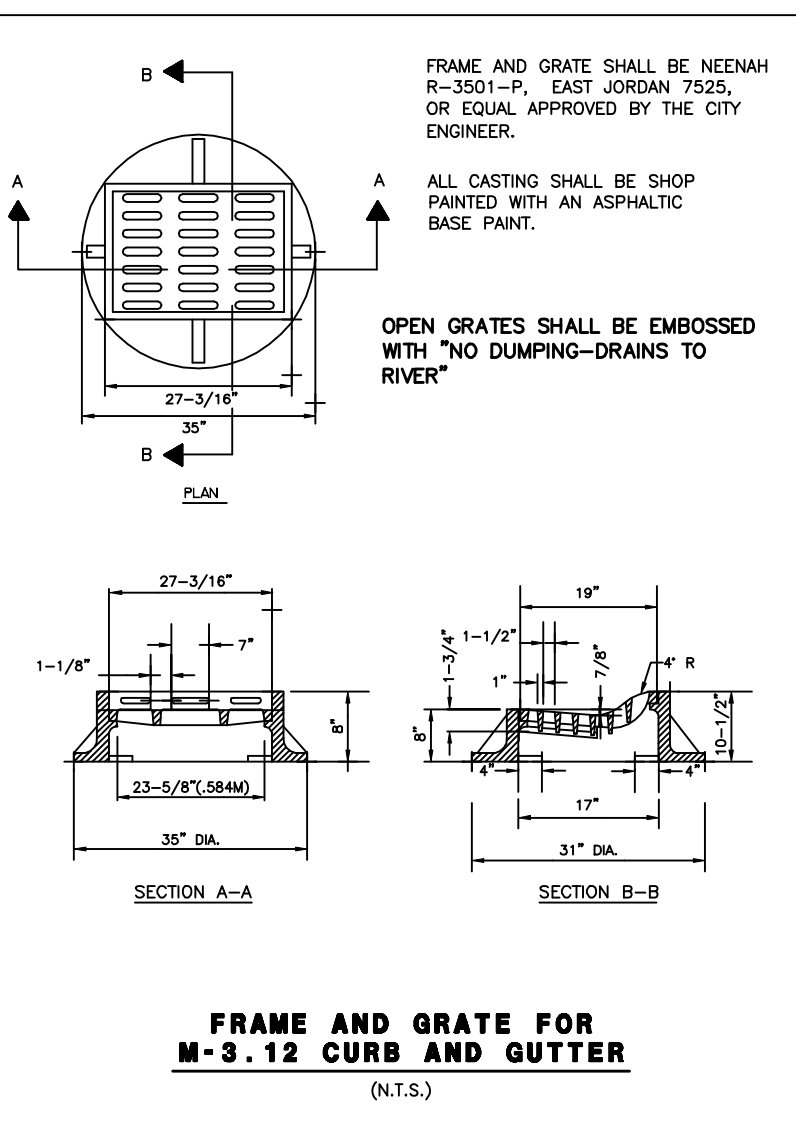
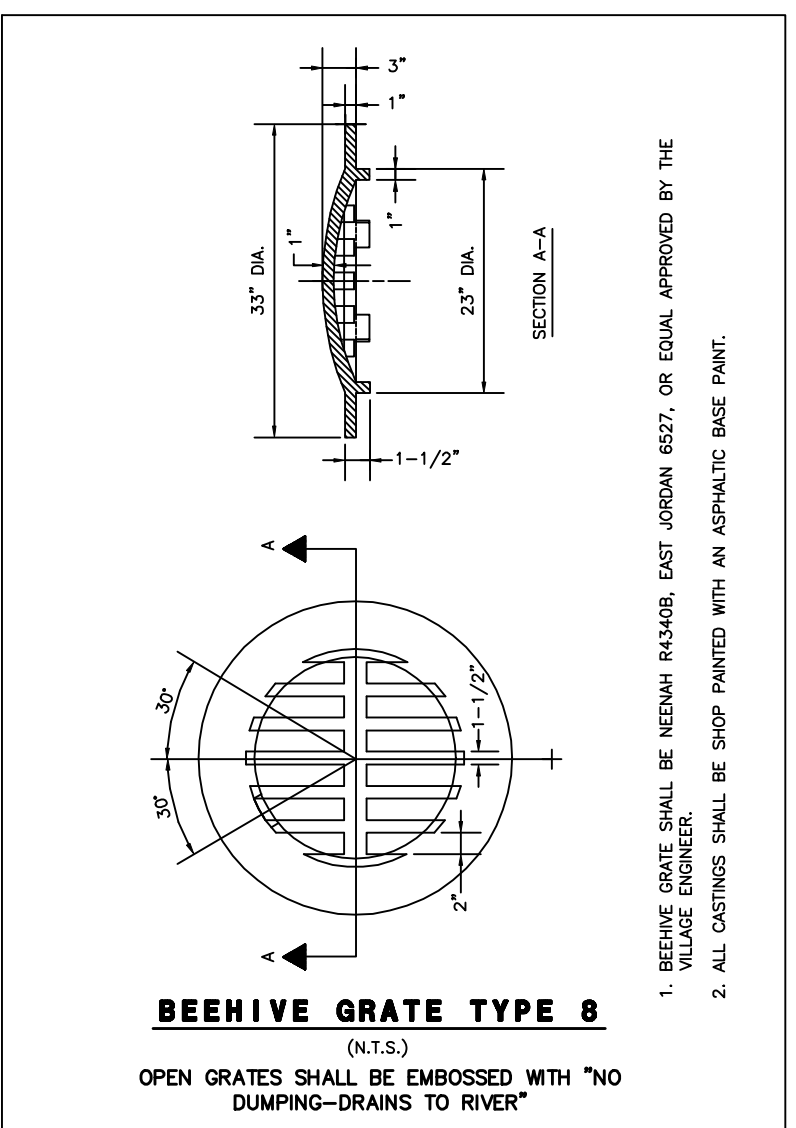
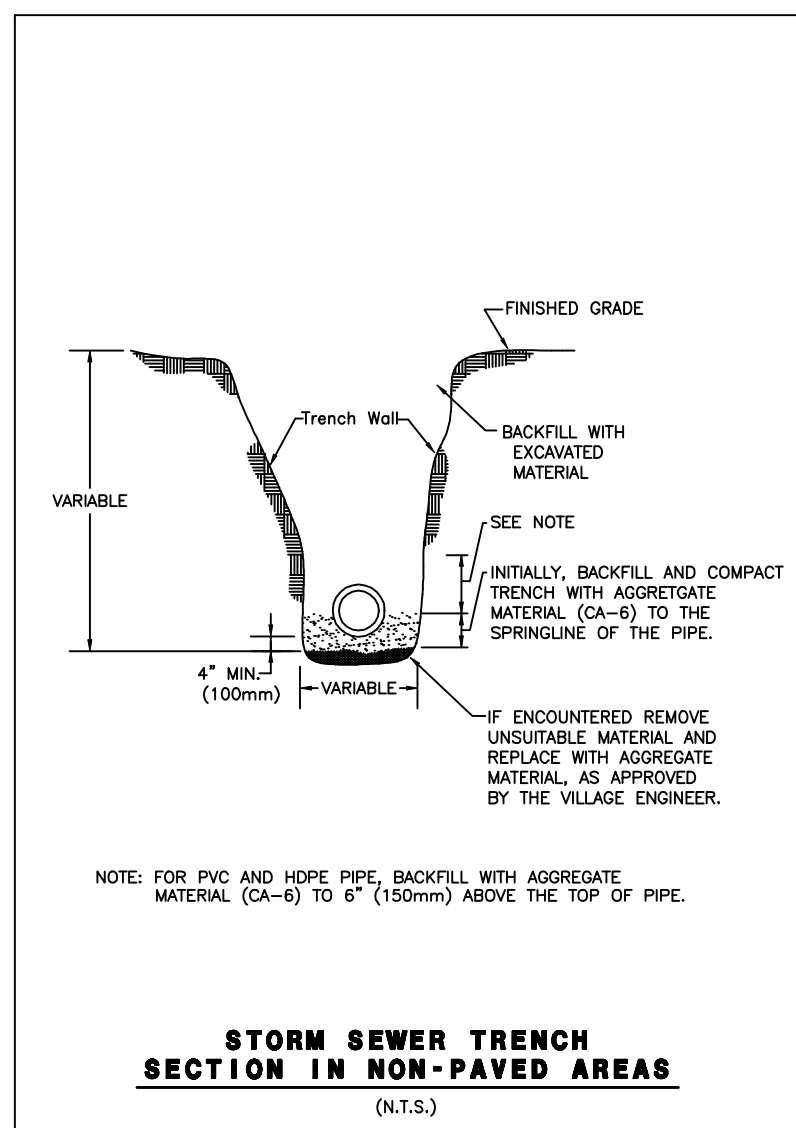
NO.		DATE		REVISIONS		DESCRIPTION	

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SANITARY SEWER AND WATERMAIN DETAILS
WISE COMMONS

FILE NAME: DETAILS DSGN. BY: CRM JOB NO.: 402.161 FLD. BK./PG.: N/A SHEET NO. 26 of 27
DIR: 402161 DRN. BY: LAL DATE: 08-27-24 SCALE: 1" = N/A

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 DRAWING LAST SAVED: 8/12/2024 2:00 PM BY DAVID LUNDBERG
 PLOT FILE CREATED: 8/27/2024 1:47 PM BY LESLIE LUNDBERG



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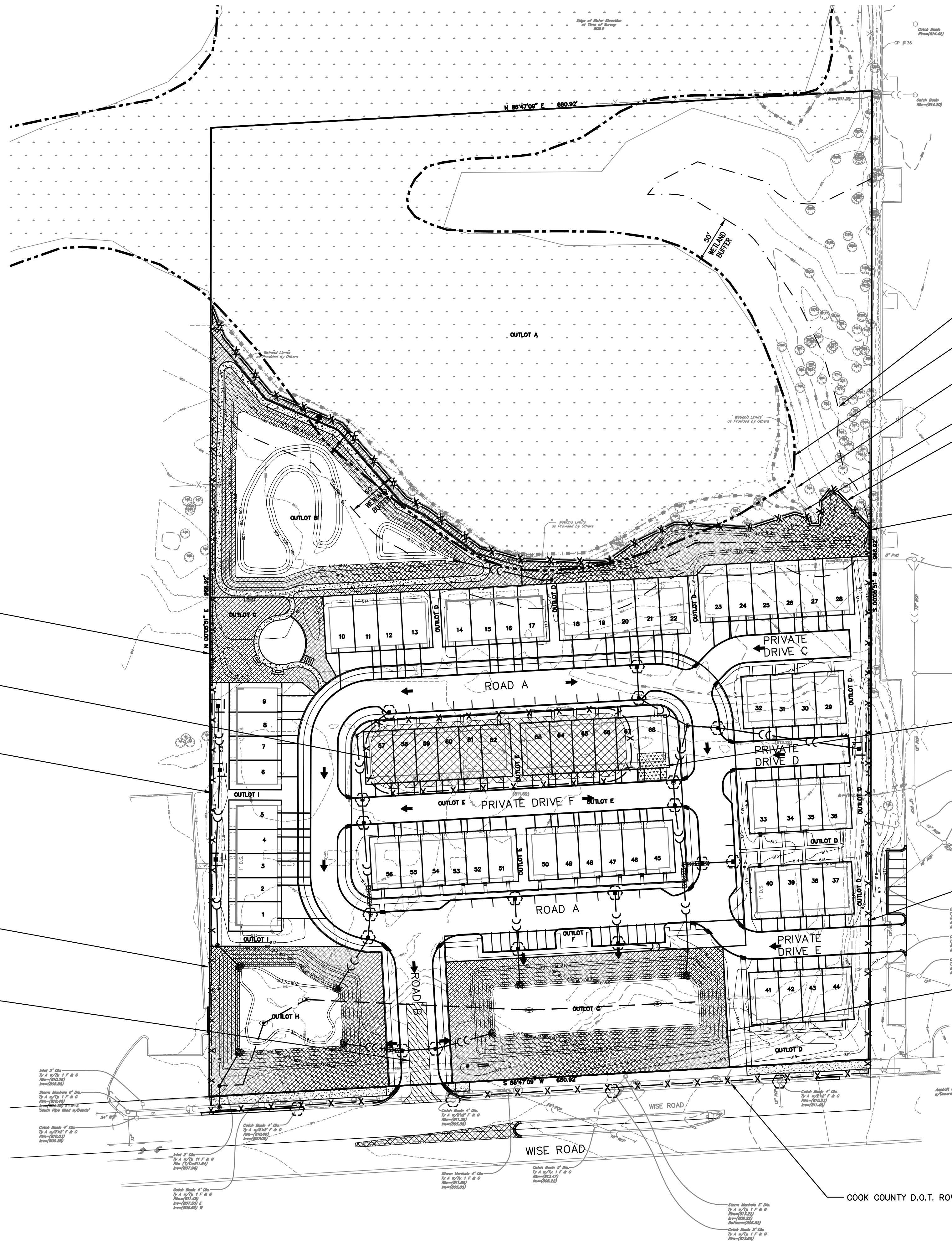
REVISIONS		REVISIONS			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

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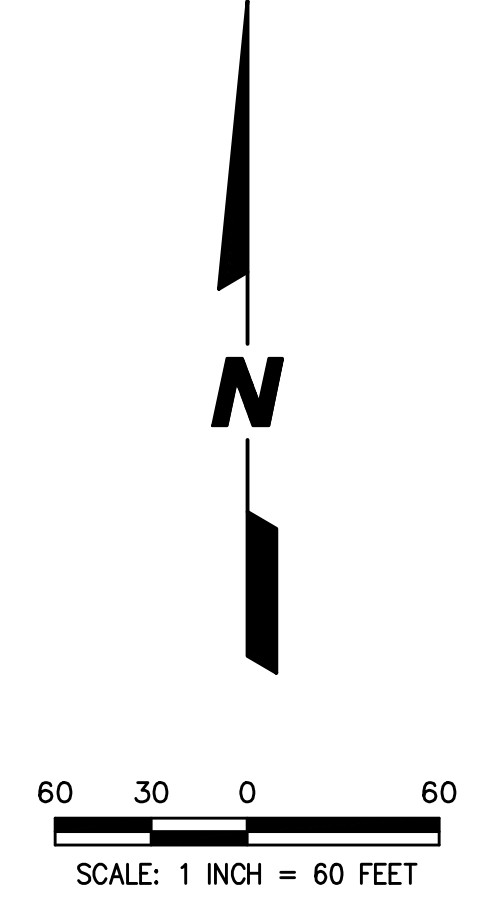
DRAINAGE STRUCTURE DETAILS
WISE COMMONS

FILE NAME: DETAILS	DSGN. BY: CRM	JOB NO.: 402.161	F.L.D. BK./PG.: N/A	SHEET NO. 27 of 27
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = N/A	

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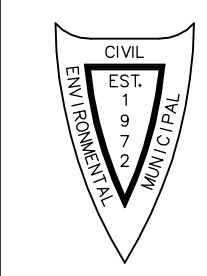
EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		CATCH BASIN
		INLET
		CLEANOUT
		SLOPE INLET BOX
		HEADWALL
		END SECTION WITH RIP-RAP
		STORM SEWER
		CATCH ALL FILTER BASKET INLET PROTECTOR (OR APPROVED EQUAL) - PAVED AREAS
		ABOVE GROUND INLET PROTECTOR - NON PAVED AREAS
		SILT FENCE WITH MAINTENANCE
		RIP-RAP
		OVERFLOW ROUTE
		NUMBERING SYSTEM USED ON PLANS FOR DRAINAGE STRUCTURE IDENTIFICATION
		EROSION CONTROL BLANKET NAG 75 WHERE SLOPES GREATER THAN 10% (TOTAL AREA = 9,955 S.Y.)
		PROBABLE TOPSOIL STOCKPILE LOCATIONS



- APPROXIMATE LIMITS OF 50' WETLAND BUFFER
- APPROXIMATE SCANNED LIMITS OF FLOODPLAIN PER FIRM MAP
- APPROXIMATE LIMITS OF WETLANDS
- APPROXIMATE LIMITS OF FLOODPLAIN AS PLOTTED PER TOPO
- 822± L.F. - DUAL ROW SILT FENCE w/MAINTENANCE (1,644 L.F. TOTAL)
- 1,396± S.Y. - NAG 75 EROSION CONTROL BLANKET (TYP.) (SEE DETAIL)
- 1,112± S.Y. - NAG 75 EROSION CONTROL BLANKET (TYP.) (SEE DETAIL)
- PROBABLE TOPSOIL STOCKPILE LOCATION w/632± L.F. - SILT FENCE w/MAINTENANCE
- 976± L.F. - SILT FENCE w/MAINTENANCE
- 1,944± S.Y. - NAG 75 EROSION CONTROL BLANKET (TYP.) (SEE DETAIL)
- STABILIZED CONSTRUCTION ENTRANCE (SEE DETAIL)
- PROBABLE LOCATION OF CONCRETE WASH CONTAINMENT w/MAINTENANCE. ACTUAL LOCATION TO BE DETERMINED IN THE FIELD BY PERMITTEE. (SEE DETAIL)
- 956± L.F. - SILT FENCE w/MAINTENANCE
- 2,555± S.Y. - NAG 75 EROSION CONTROL BLANKET (TYP.) (SEE DETAIL)

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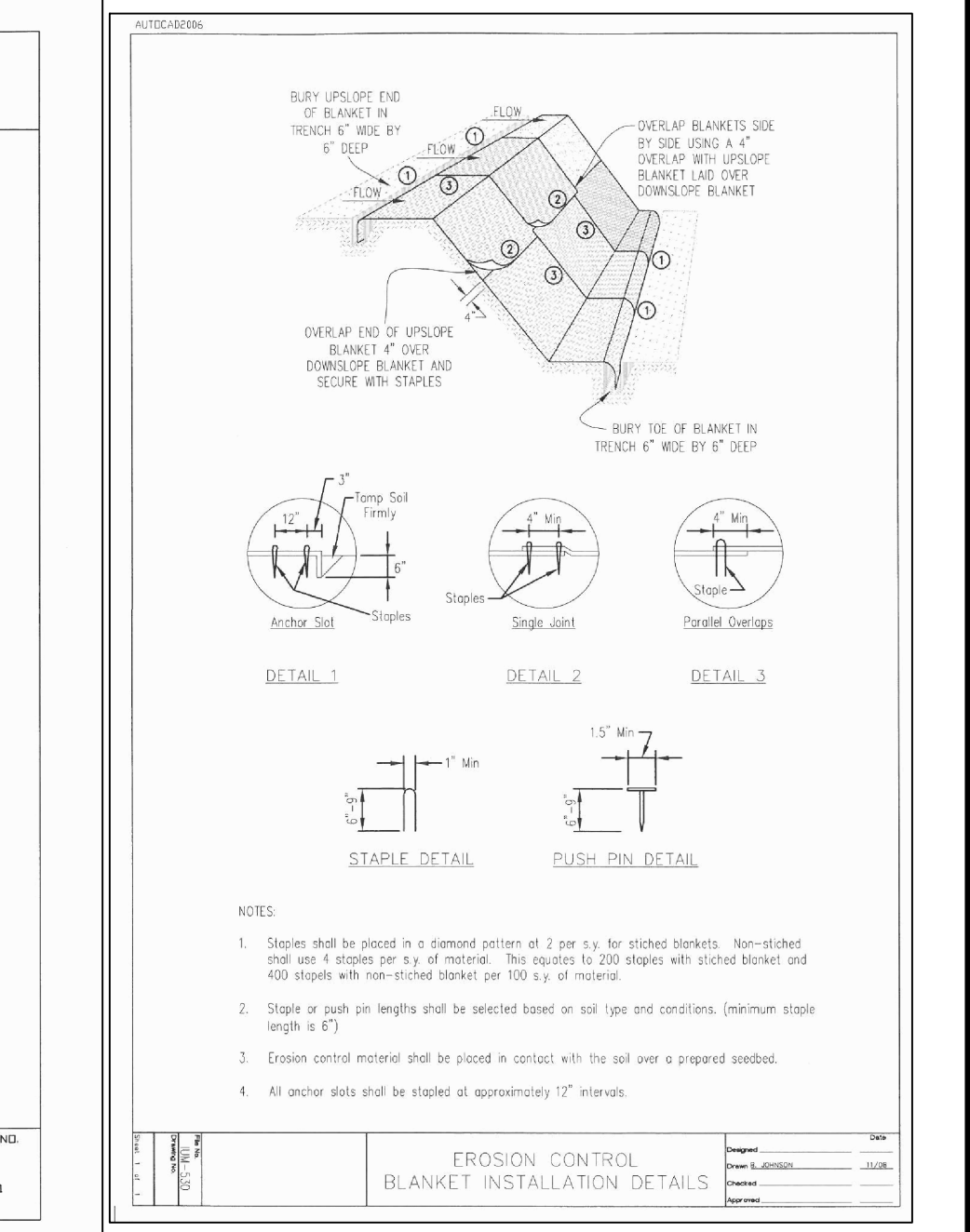
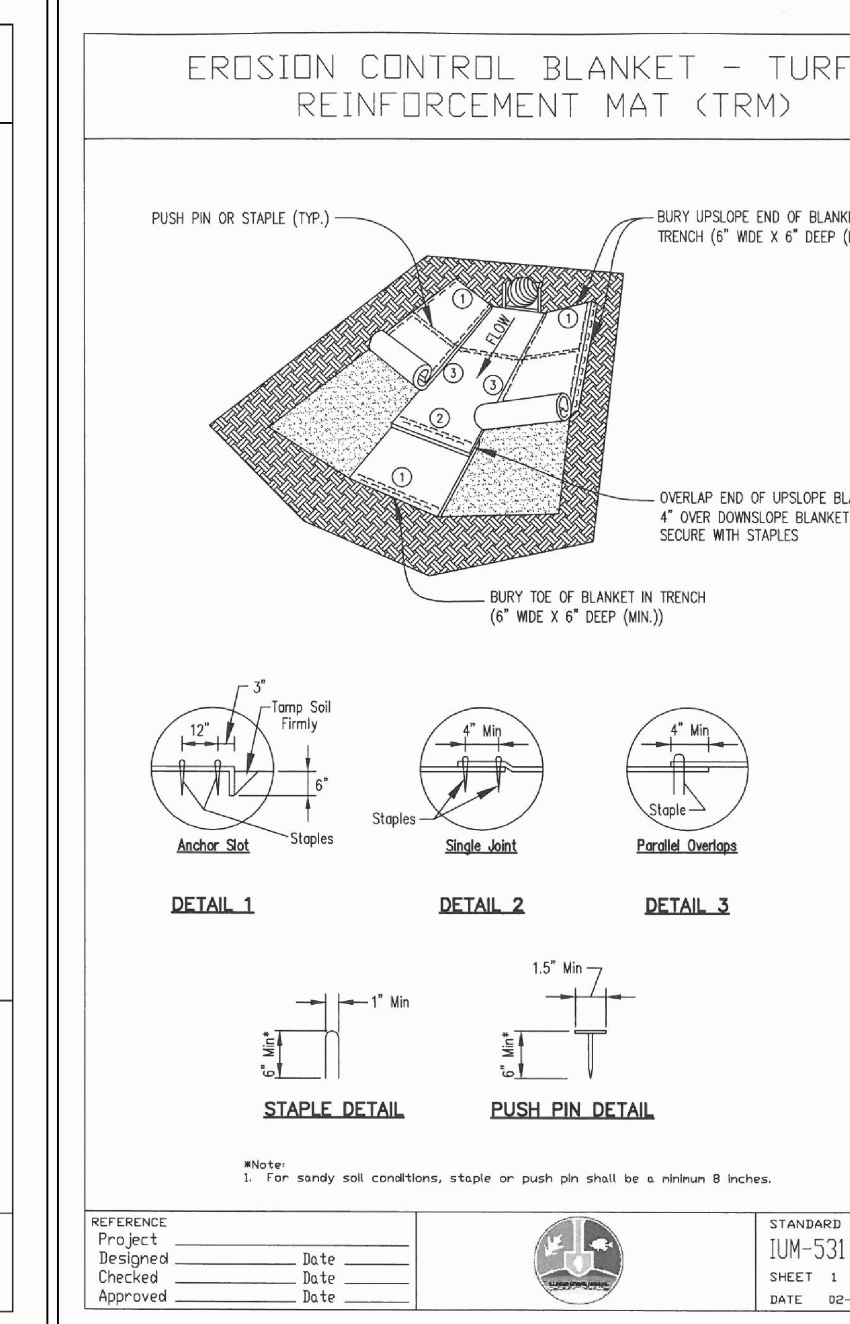
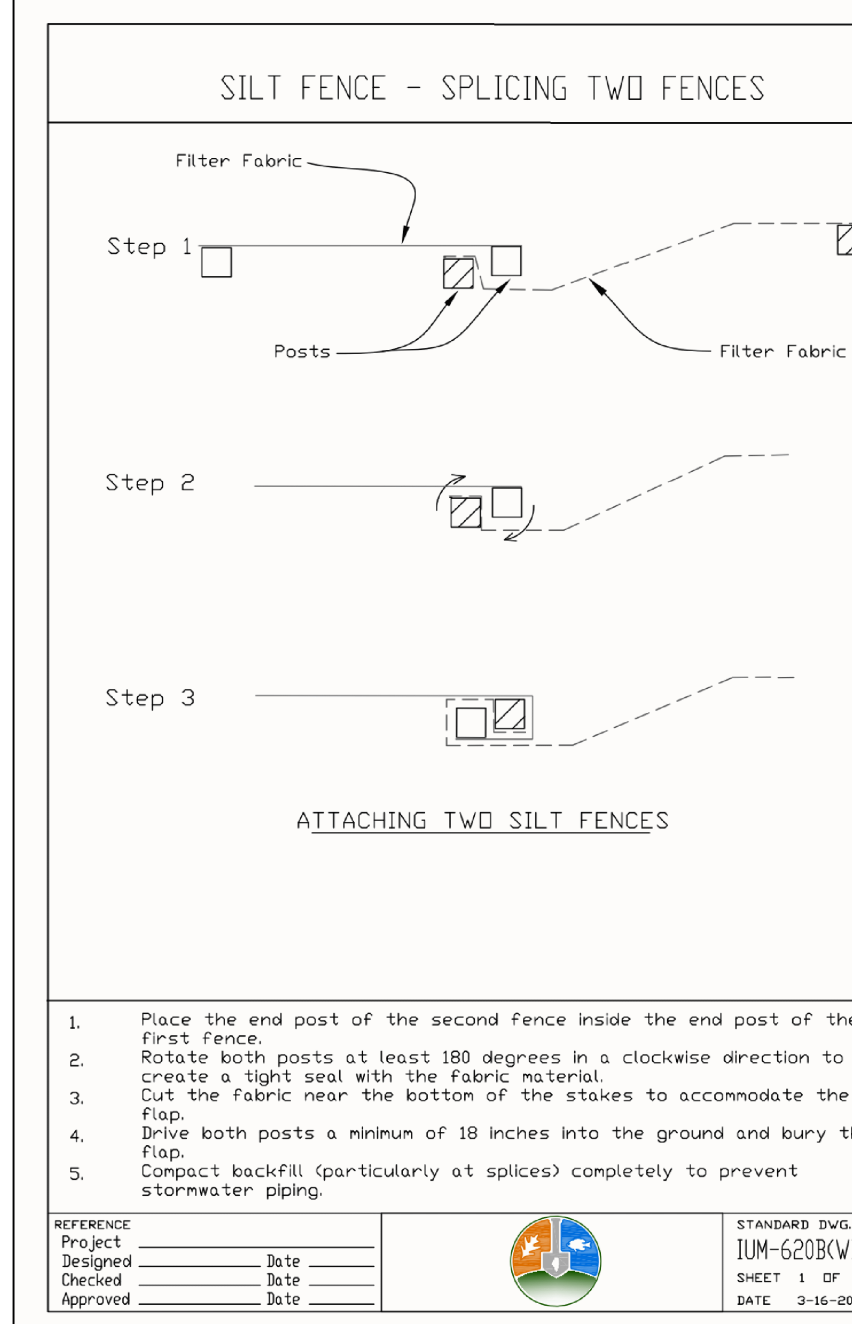
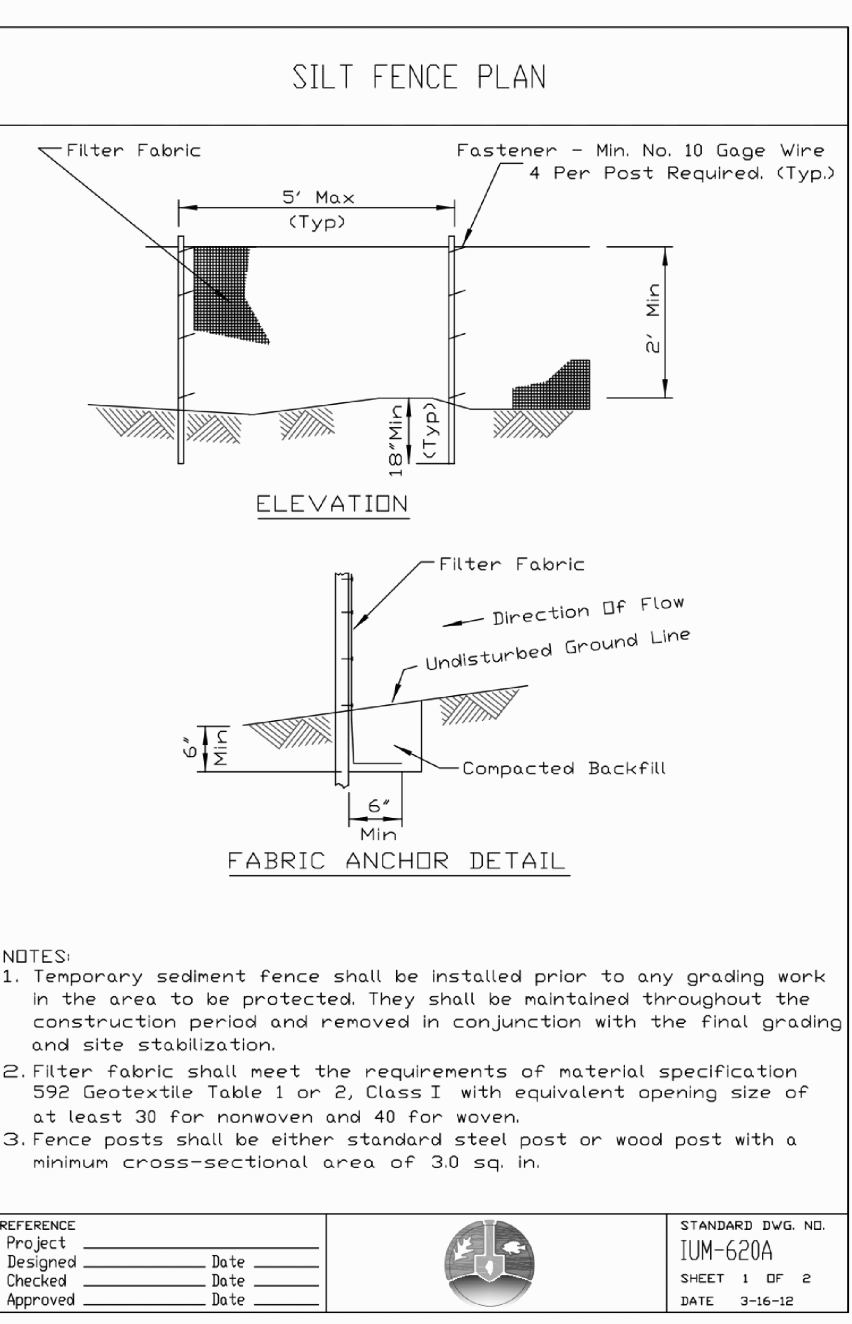
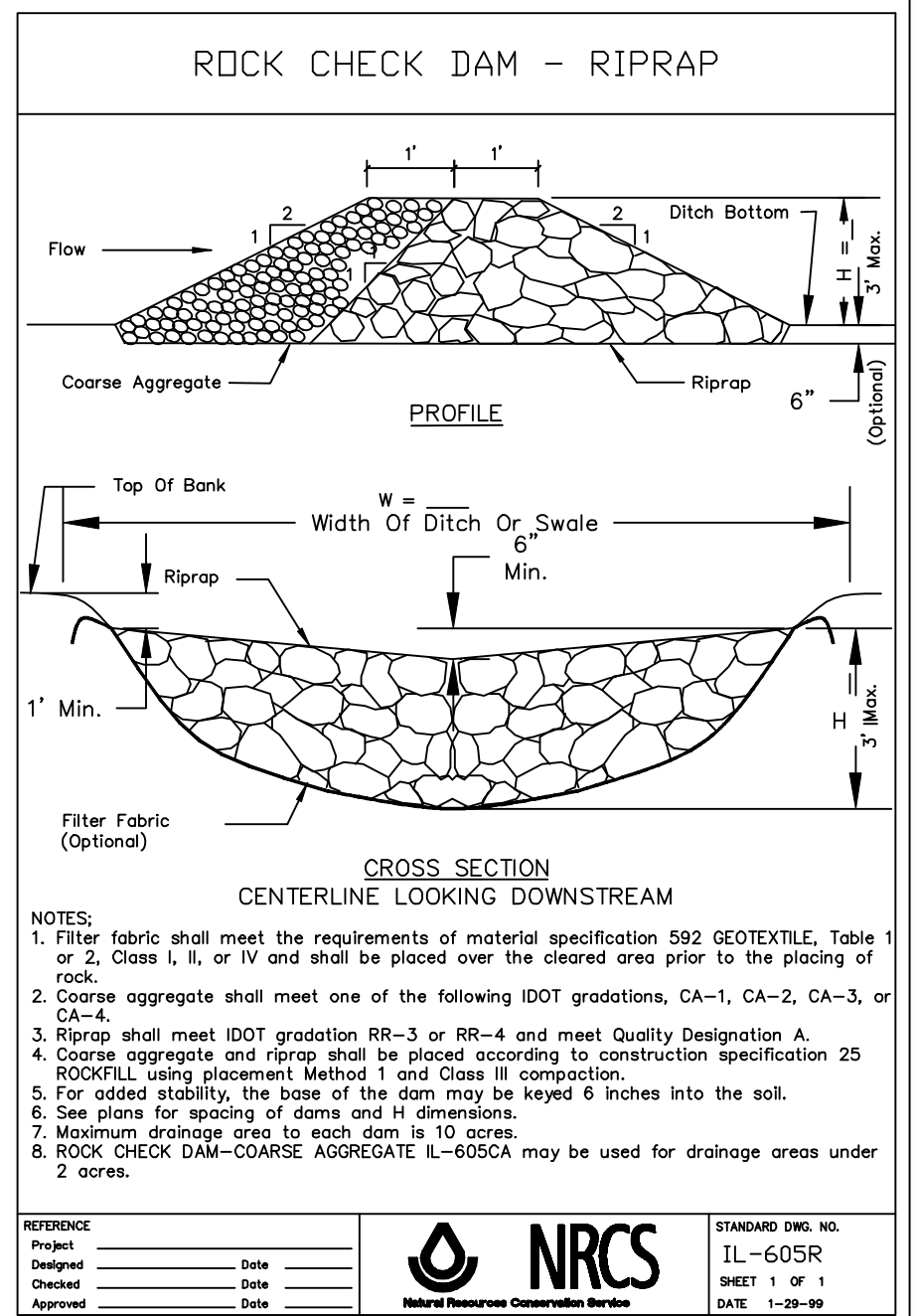
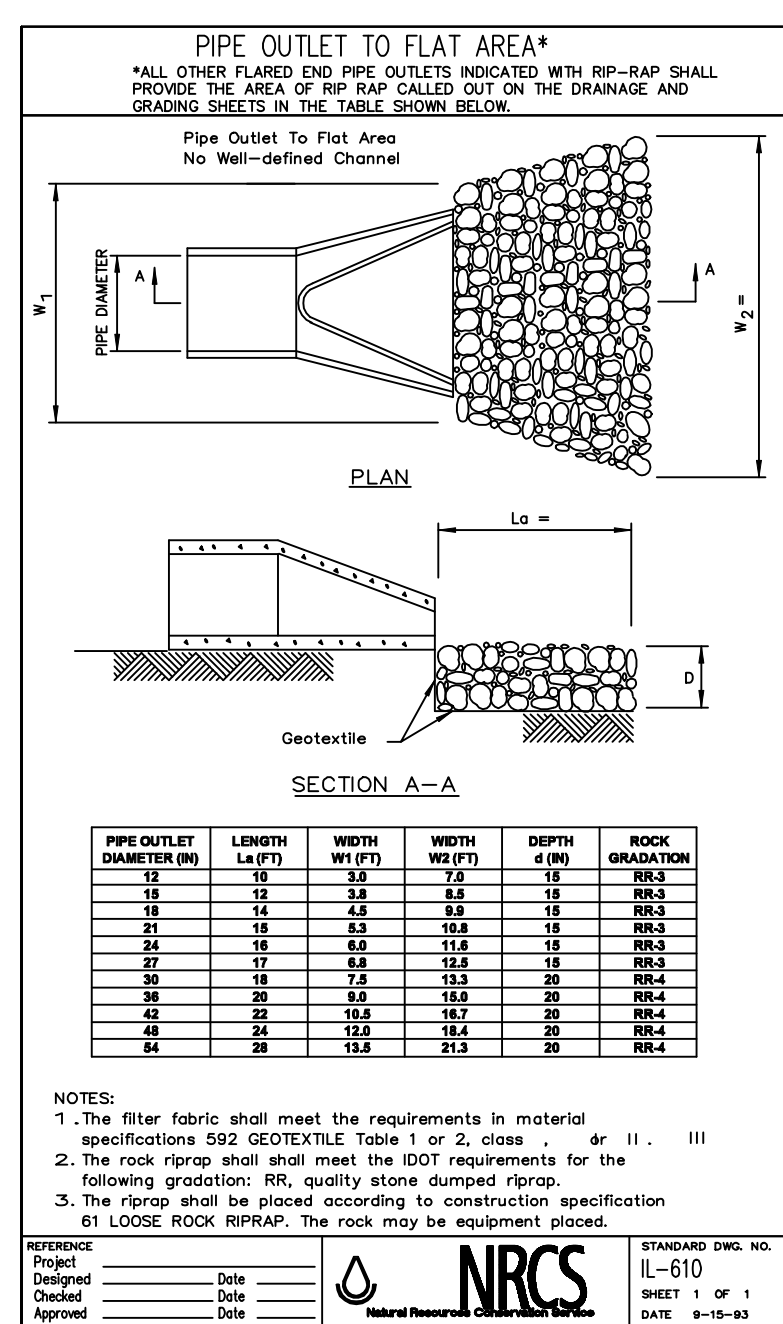
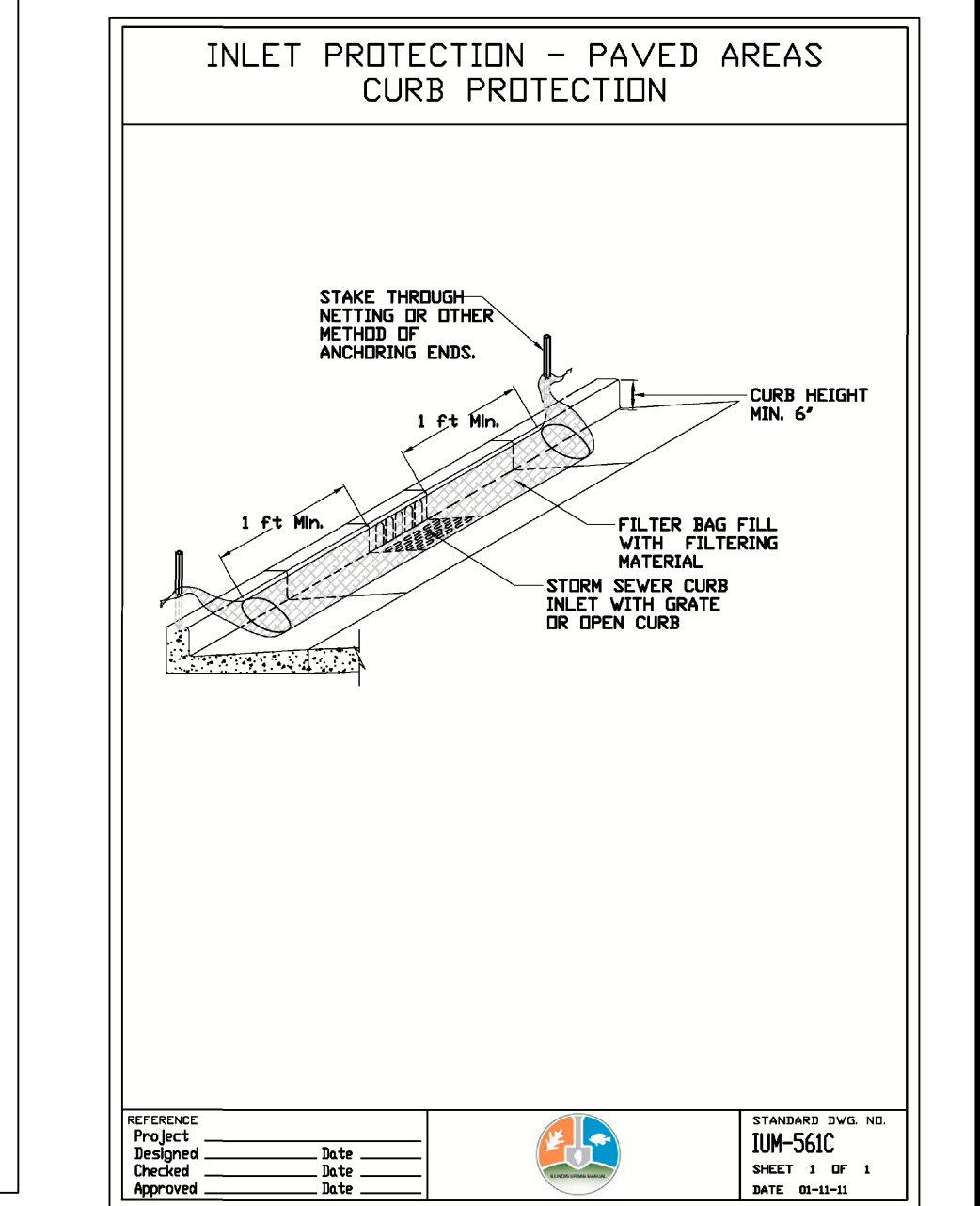
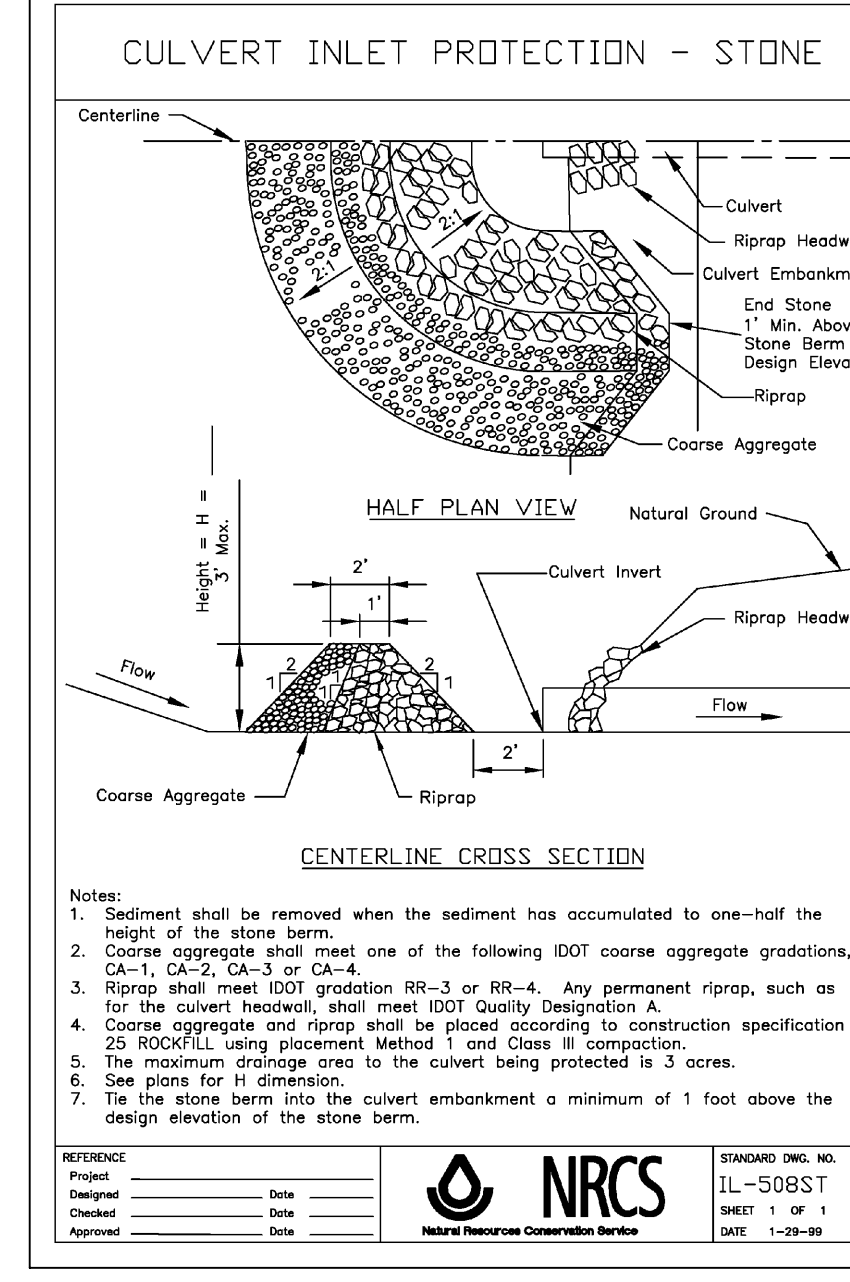
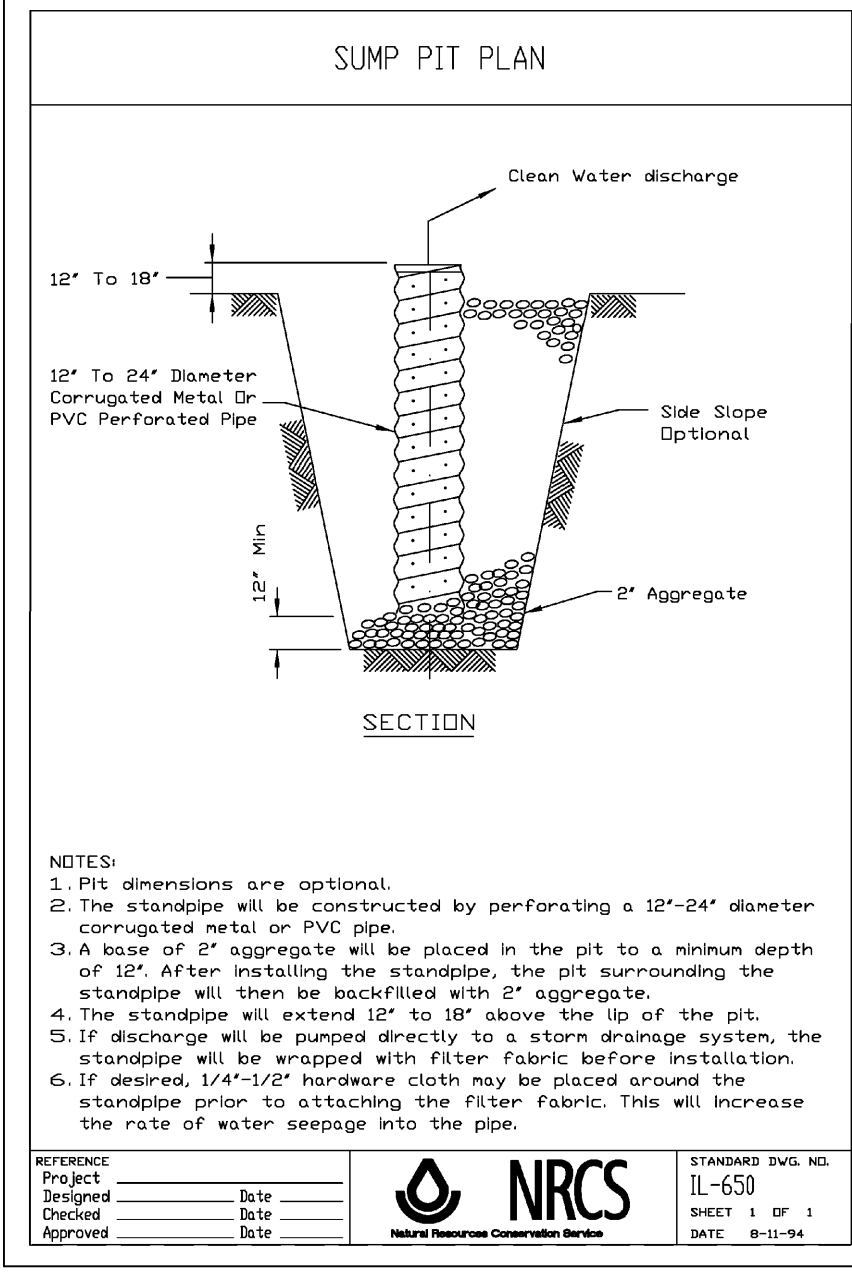
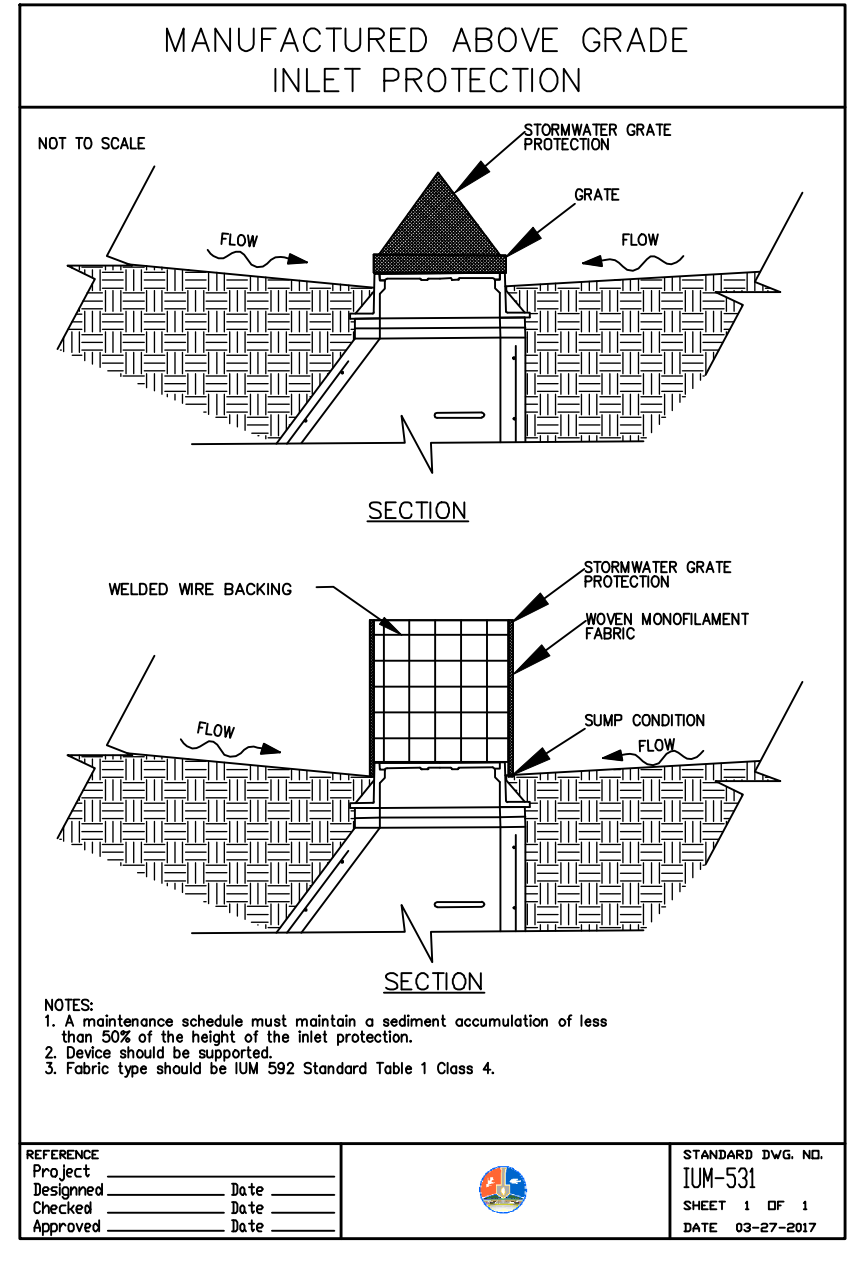
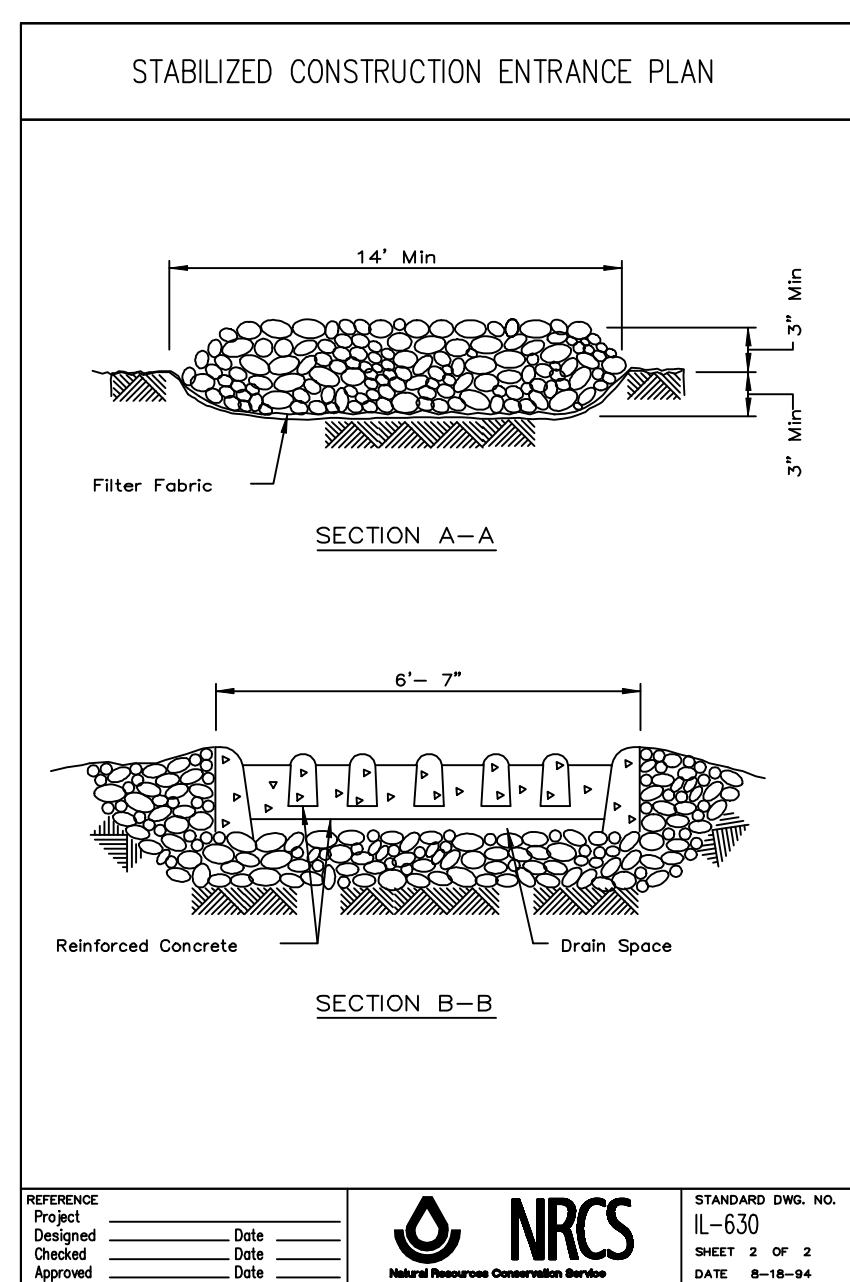
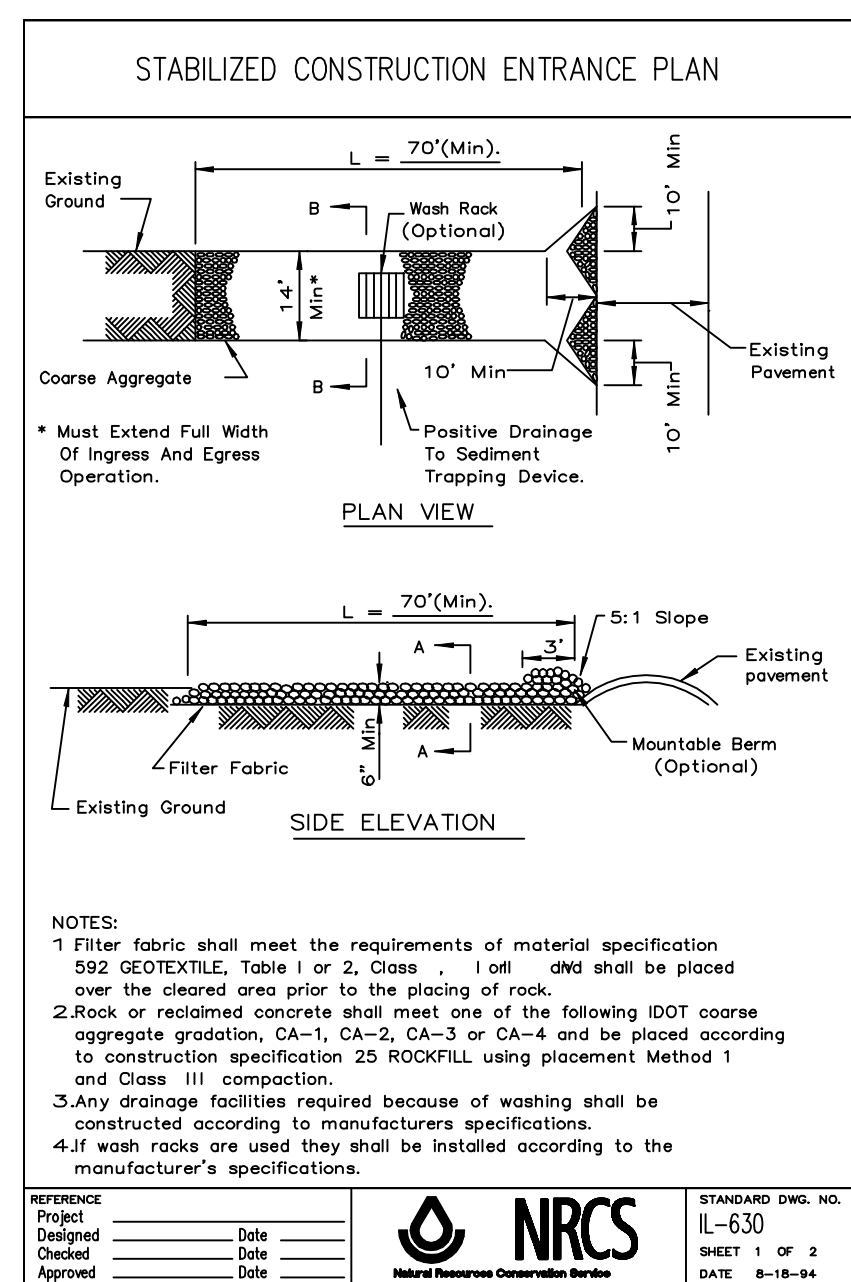
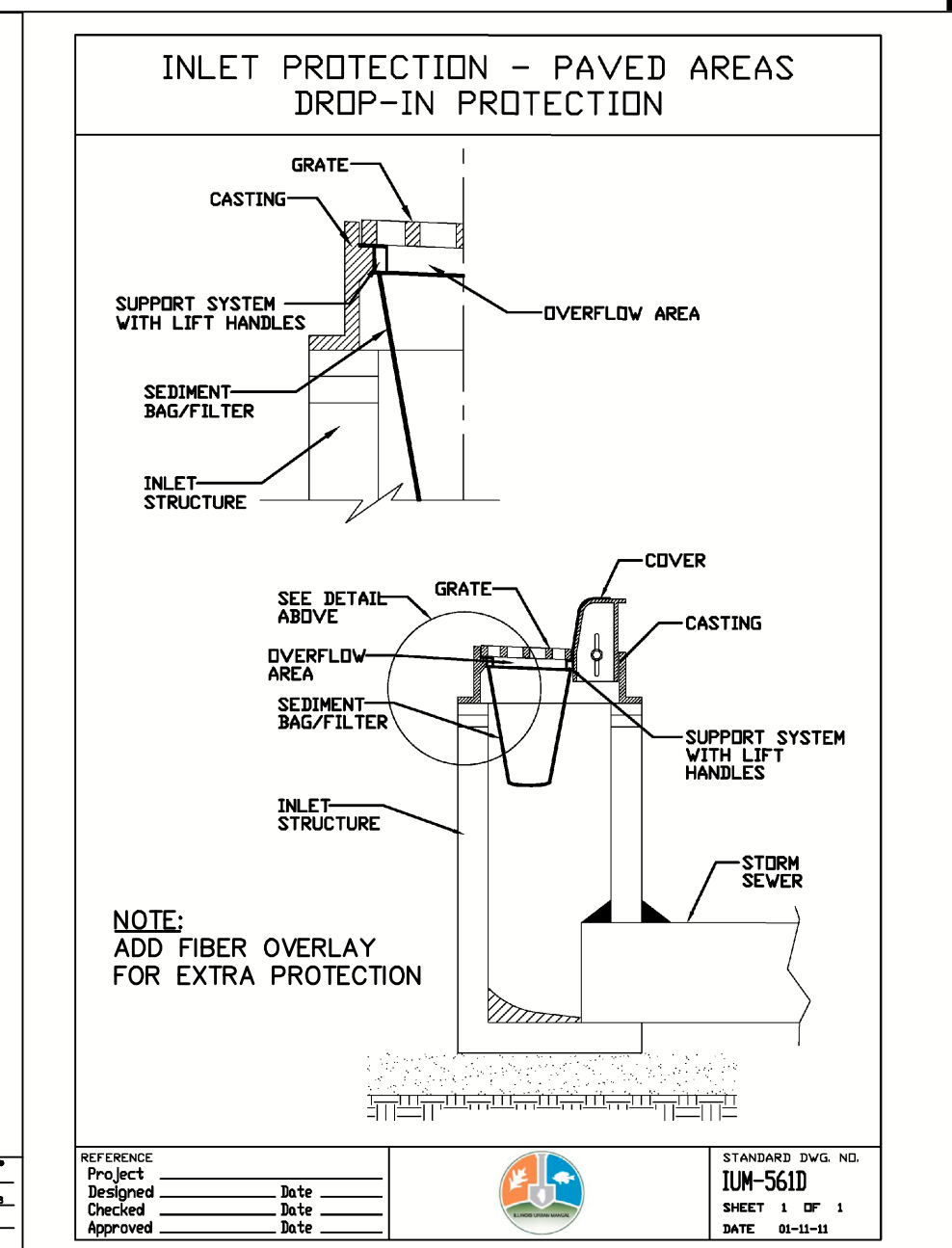
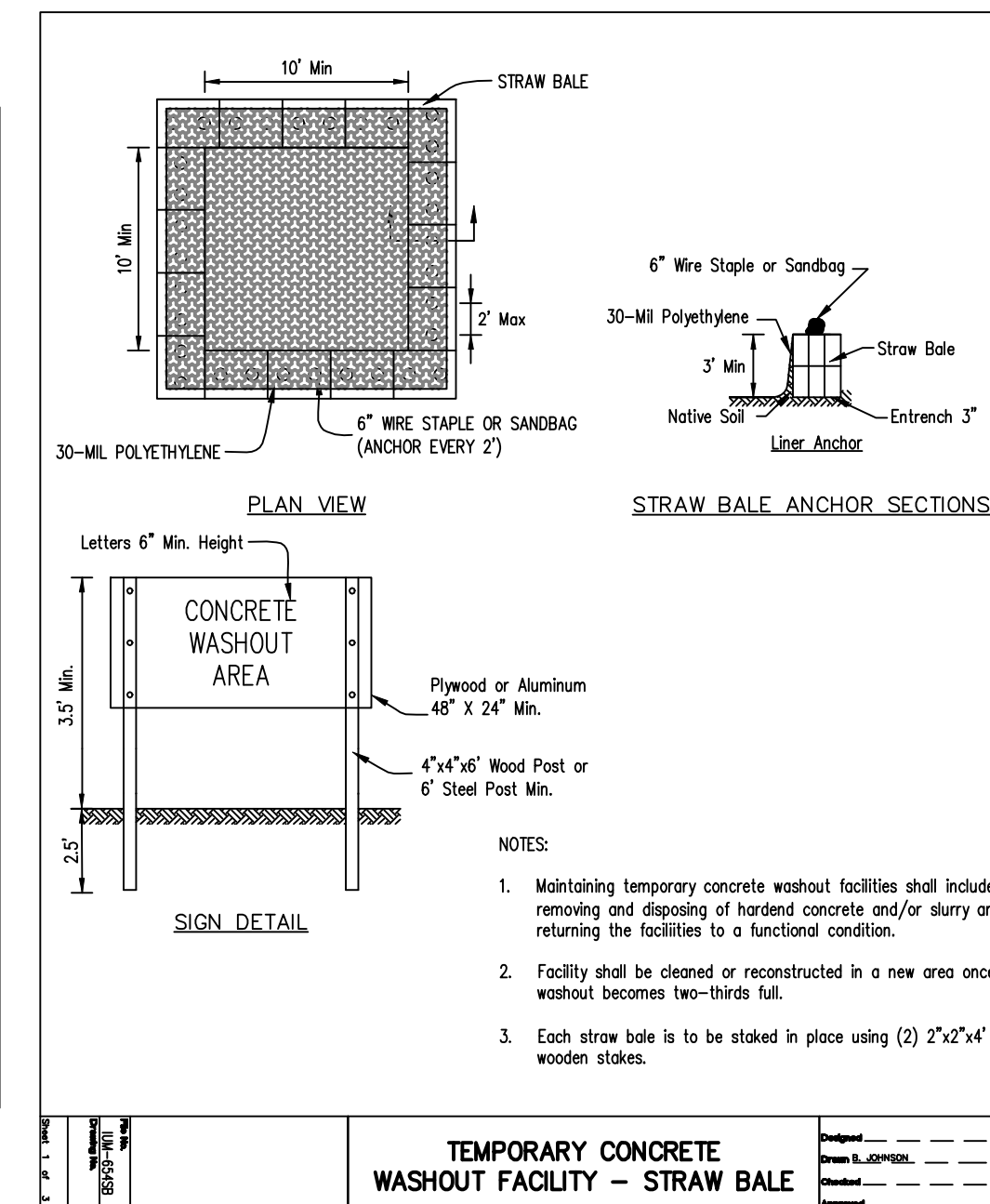
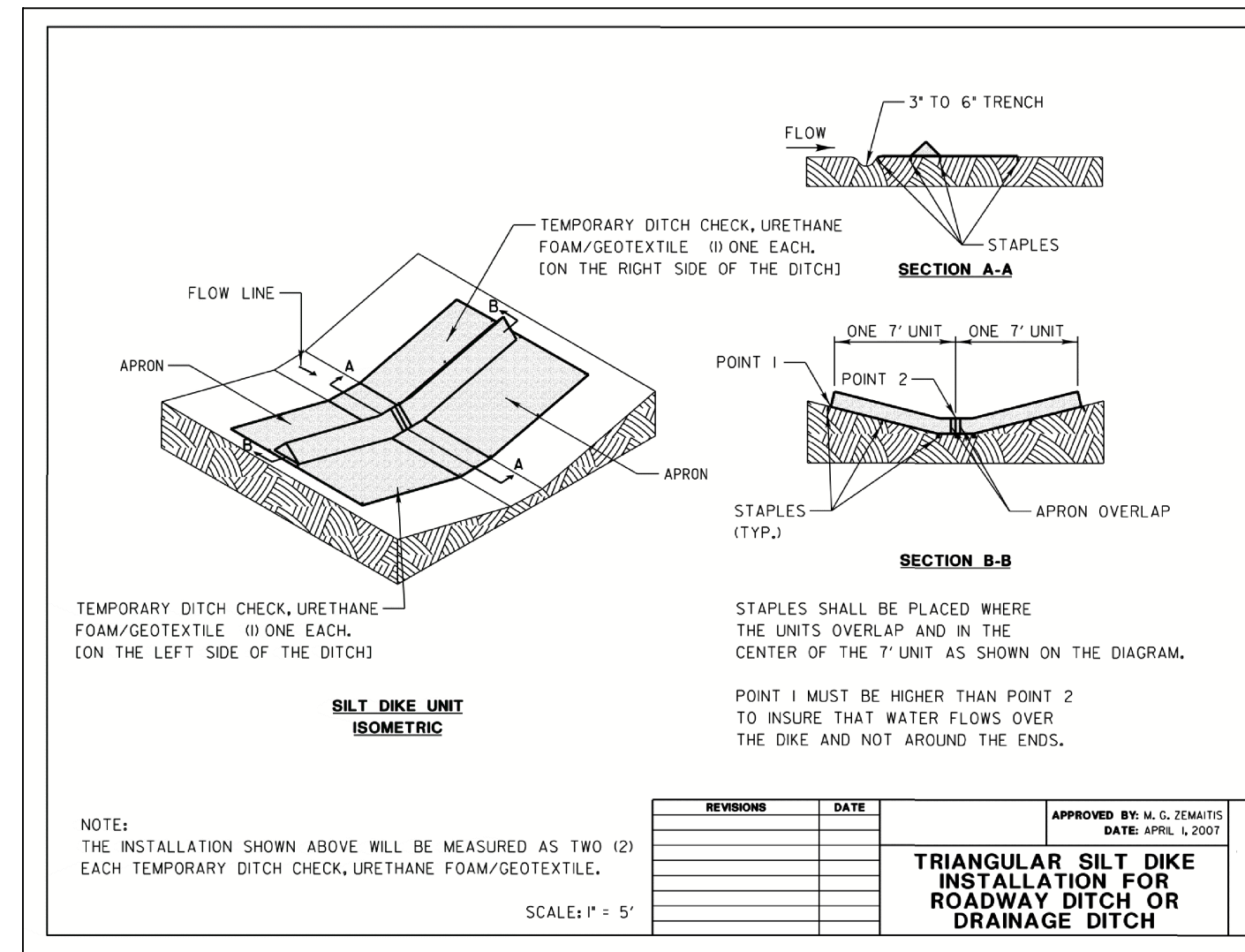
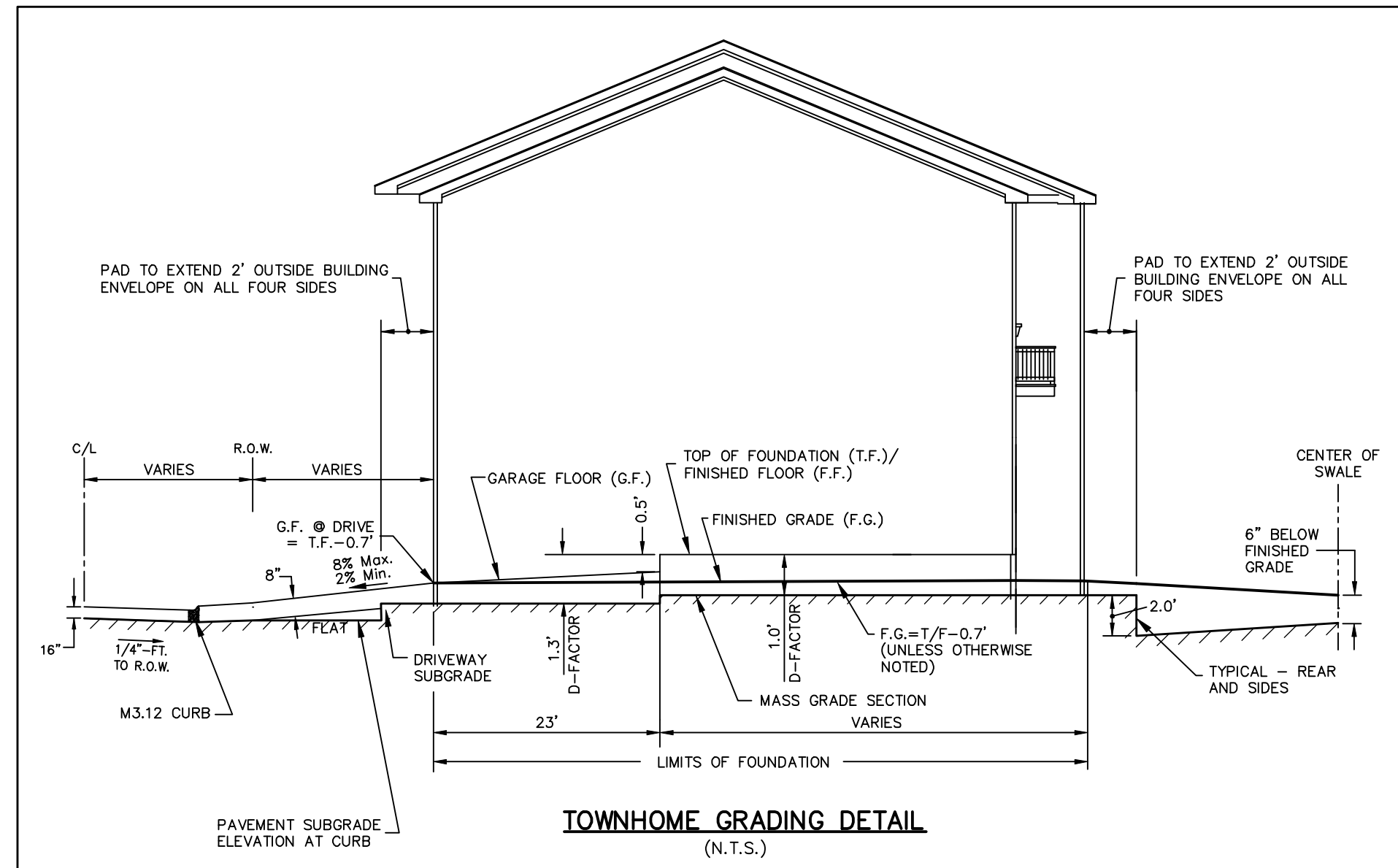


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NO.		DATE	DESCRIPTION	REVISIONS	
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

SOIL EROSION AND SEDIMENTATION CONTROL PLAN
WISE COMMONS

FILE NAME: SWPPP	DSGN. BY: CRM	JOB NO.: 402,161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = 60'	ER01 of ER03



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REVISIONS		REVISIONS			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

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SOIL EROSION AND SEDIMENTATION CONTROL DETAILS

WISE COMMONS

FILE NAME: SWPPP	DSGN. BY: CRM	JOB NO.: 402.161	FLD. BK./PG.: N/A	SHEET NO.
DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = N.T.S.	ER02 of ER03

PLOT FILE CREATED: 8/27/2024 3:46 PM BY LESLIE LUNDBERG DRAWING LAST SAVED: 8/13/2024 11:28 AM BY KRIS DRAWING PATH: F:\402161\DWG\ENVS\DRAWINGS\FINAL DRAWING\SWPPP.DWG

STORMWATER POLLUTION PREVENTION PLAN

1. SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.

2. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY PULTE OR THE MUNICIPALITY'S AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.

3. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.

4. AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION BARRIER MUST BE RESTORED.

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREED OF WATER, BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF WEIR STRUCTURE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.

6. DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.

7. TEMPORARY CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OF LEAVES THE SITE. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD, AS NEEDED. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND DRIVEWAYS SHALL BE PROVIDED IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.

8. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES ARE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS:

WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.

9. STOCK PILES OR SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER EROSION BARRIER MUST BE PROVIDED. ALL STOCKPILE LOCATIONS MUST BE APPROVED BY PULTE.

10. CONTRACTOR MUST INSTALL PERIMETER EROSION BARRIER AT ANY LOCATION IN WHICH SHEET FLOWS MAY RESULT IN SEDIMENT RUNOFF OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR MAY USE OTHER METHODS TO CONTROL RUNOFF, INCLUDING, BUT NOT LIMITED TO, TEMPORARY DIVERSION SWALES, TEMPORARY SEDIMENT TRAPS, SHAPED DITCHES TO CONVEY WATER, ETC.

11. PULTE SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE LR10 NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHOULD BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION. THE INSPECTION REPORT SHOULD BE MAINTAINED ON SITE AS PART OF THE PLAN. INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY, THAT IS 0.5 INCHES OR GREATER.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.

12. ALL STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE HAUL ROUTES) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS.

13. WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THE SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.

14. COMPLETED SLOPES SHALL BE SEEDED AND MULCHED [OR BLANKETED, IF APPLICABLE] AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

15. THE SITE SHOULD BE PHASED IN A WAY THAT REDUCES THE AMOUNT OF STRIPPED, UNSTABILIZED AREAS WITHIN THE SITE AT ANY ONE TIME. MASS GRADING THE ENTIRE SITE SHOULD BE AVOIDED AS TO PREVENT EROSION ONSITE AND SEDIMENTATION ISSUES DOWNSTREAM.

16. ONCE THE CONTRIBUTING AREA IS STABILIZED, THE BASIN NEEDS TO BE CLEANED OUT AND THE FINAL PROPOSED GRADE MUST BE ACHIEVED.

17. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST EDITION.

18. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

19. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE MUNICIPALITY.

20. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THE PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

21. THE PRIMARY PURPOSE OF ALL SOIL EROSION AND SEDIMENT CONTROL BMP'S (BEST MANAGEMENT PRACTICES) IS TO PREVENT SEDIMENT FROM LEAVING THE SITE. ALL STORMWATER DISCHARGE LOCATIONS WITH A DIRECT CONNECTION TO THE SITE SHOULD BE MONITORED CLOSELY FOR EVIDENCE OF SEDIMENT. THE MUNICIPALITY MAY REQUEST THAT ADDITIONAL BMP'S BE INSTALLED IN THE EVENT OF OFF-SITE SEDIMENT DISCHARGE OR HIGH POTENTIAL FOR DISCHARGE.

22. ANY AREA IMPACTED BY CONSTRUCTION SHALL BE RESTORED TO MATCH EXISTING CONDITIONS OR AS SPECIFIED ON THE PLANS.

23. CONCRETE WASHOUT SHOULD BE CONTAINED AT ALL TIMES. WASHOUT MATERIAL SHOULD NOT BE ALLOWED TO ENTER WATER BODIES, STORM SEWERS OR LEACH INTO THE SOIL UNDER ANY CIRCUMSTANCES. WASHOUT SHOULD BE DISPOSED OF PROPERLY AND THE LOCATION OF THE WASHOUT SHOULD BE DESIGNATED WITH PROPER SIGNAGE. FAILURE TO COMPLY COULD RESULT IN AN INCIDENCE OF NONCOMPLIANCE (ION).

24. SEE LANDSCAPE PLAN FOR DETENTION BASIN SEED MIX

25. IT IS IMPORTANT FOR THE CONTRACTOR TO MONITOR AND CLEAN THE INLET PROTECTORS TO ENSURE SEDIMENT DOES NOT LEAVE THE SITE THROUGH THE STORM SEWER.

26. WHEN INSTALLING OUTLETS INTO EXISTING DETENTION BASINS, WORK SHOULD BE PERFORMED IN DRY CONDITIONS. ONCE WORK IN THE AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS IN OR NEAR THE DETENTION AREA. EVERY EFFORT SHOULD BE MADE TO ENSURE THAT SEDIMENT DOES NOT ENTER THE DETENTION BASIN DURING THIS TIME.

27. THE PRIMARY PURPOSE OF ALL SOIL EROSION AND SEDIMENT CONTROL BMP'S (BEST MANAGEMENT PRACTICES) IS TO PREVENT SEDIMENT FROM LEAVING THE SITE. ALL STORMWATER OUTFALLS WITH A DIRECT CONNECTION TO THE SITE SHOULD BE MONITORED CLOSELY FOR DISCHARGE OF ANY SEDIMENT. SITE PERIMETERS SHOULD ALSO BE MONITORED CLOSELY FOR ANY POTENTIAL SEDIMENT RELEASE OFF-SITE. THE MUNICIPALITY MAY REQUEST THAT ADDITIONAL BMP'S BE INSTALLED UPSTREAM OF STORMWATER RELEASE IN THE EVENT OF OFF-SITE SEDIMENT DISCHARGE OF HIGH POTENTIAL FOR DISCHARGE.

28. EROSION CONTROL BLANKET (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (I.E. DETENTION BASIN PERIMETERS, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING.

29. PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF THE DETENTION AREAS. WORK IN THESE AREAS SHALL NOT BE PROLONGED IN ATTEMPT THAT ALL FINAL GRADING AND STABILIZATION CAN TAKE PLACE AT ONE TIME.

30. ALL NPDES RELATED INSPECTION REPORTS AND CORRESPONDENCE SHOULD BE SENT TO THE MUNICIPALITY.

INSPECTIONS

THE OWNER OR ITS DESIGNATED REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN STABILIZED WITH TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION, PROTECTED WITH STRUCTURAL CONTROL MEASURES, OR LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OF EQUIVALENT SNOWFALL.

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHILE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE THE PERMIT EXPIRES OR IS TERMINATED. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN 5 DAYS. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSE OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL FIRST NOTIFY THE APPROPRIATE AGENCY FIELD OPERATIONS SECTION OFFICE BY E-MAIL AT EPA.SWNONCOMP@ILLINOIS.GOV WITHIN 24 HOURS.

5. NON-STORMWATER DISCHARGES

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT MAY BE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN, ARE DESCRIBED BELOW:

1. WATERMAIN FLUSHING
2. FIRE HYDRANT FLUSHING
3. WATERING FOR DUST CONTROL
4. IRRIGATION DRAINAGE FOR VEGETATIVE GROWTH FOR SEEDING, ETC.

THE POLLUTION PREVENTION MEASURES AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR NON-STORMWATER COMPONENTS OF THE DISCHARGE:

THE FIRE HYDRANT AND WATERMAIN SHALL NOT BE FLUSHED DIRECTLY ON THE EXPOSED AREA OR SUBGRADE OF THE PAVEMENT. HOSES SHALL BE USED TO DIRECT THE FLOW INTO THE STORM SEWER SYSTEM, IF AVAILABLE.

THE EROSION DUE TO IRRIGATION OF SEEDING AND DUST CONTROL SHALL BE COLLECTED AND RE-Spread ONSITE. TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES SHALL BE IMPLEMENTED AS NECESSARY TO CONTROL FUTURE EROSION FROM AREAS PREVIOUSLY ERODED DUE TO IRRIGATION OF SEEDING AND DUST CONTROL.

ALL SITE DE-WATERING, INCLUDING PUMP DISCHARGE, MUST PASS THROUGH THE PROPER STRUCTURAL PRE-SEDIMENTATION BASINS OR EQUAL STRUCTURAL CONTROLS BEFORE LEAVING THE SITE.

6. PLAN REVIEW

THE PERMITEE SHALL MAKE PLANS AVAILABLE UPON REQUEST FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) OR A LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS; OR IN THE CASE OF A STORM SEWER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SYSTEM WITH AN NPDES PERMIT, TO THE MUNICIPAL OPERATOR OF THE SYSTEM.

THE IEPA MAY NOTIFY THE PERMITEE AT ANY TIME THAT THE PLAN DOES NOT MEET ONE OR MORE OF THE MINIMUM REQUIREMENTS OF PART IV. OF THE GENERAL PERMIT. SUCH NOTIFICATION SHALL IDENTIFY THOSE PROVISIONS OF THE PERMIT WHICH ARE NOT BEING MET BY THE PLAN, AND IDENTIFY WHICH PROVISIONS OF THE PLAN REQUIRE MODIFICATIONS IN ORDER TO MEET THE MINIMUM REQUIREMENTS OF PART IV. OF THE GENERAL PERMIT. WITHIN SEVEN (7) DAYS FROM THE RECEIPT OF THE NOTIFICATION FROM THE IEPA, THE PERMITEE SHALL MAKE THE REQUIRED CHANGES TO THE PLAN AND SHALL SUBMIT TO THE IEPA A WRITTEN CERTIFICATION THAT THE REQUESTED CHANGES HAVE BEEN MADE. FAILURE TO COMPLY SHALL TERMINATE AUTHORIZATION UNDER THE GENERAL PERMIT.

7. AMENDMENTS

THE PERMITEE SHALL AMEND THE PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE PLAN OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM THE SOURCES IDENTIFIED UNDER 2. (CONTROLS) ABOVE, OR OTHERWISE ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SITE ACTIVITY. IN ADDITION, THE PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW CONTRACTOR AND/OR SUBCONTRACTOR THAT WILL IMPLEMENT A MEASURE OF THE PLAN. AMENDMENTS TO THE PLAN MAY BE REVIEWED BY THE IEPA IN THE SAME MANNER AS 6. (PLAN REVIEW) ABOVE. THE SWPPP AND SITE MAP MUST BE MODIFIED WITHIN 7 DAYS FOR ANY CHANGES TO CONSTRUCTION PLANS, STORMWATER CONTROLS OR OTHER ACTIVITIES AT THE SITE THAT ARE NO LONGER ACCURATELY REFLECTED IN THE SWPPP. ANY REVISIONS OF THE DOCUMENTS FOR SWPPP SHALL BE KEPT ON SITE AT ALL TIMES.

8. RECORDS

THE PERMITEE SHALL RETAIN COPIES OF THE PLAN AND ALL REPORTS AND NOTICES REQUIRED BY THE GENERAL PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THE GENERAL PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED. THE PERIOD MAY BE EXTENDED BY THE REQUEST OF THE IEPA AT ANY TIME.

THE PERMITEE SHALL RETAIN A COPY OF THE PLAN REQUIRED BY THE GENERAL PERMIT AT THE CONSTRUCTION SITE FROM THE DATE OF THE PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

9. CONTRACTORS

THIS PLAN REQUIRES IDENTIFICATION FOR EACH MEASURE IN THE PLAN, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT THE IDENTIFIED MEASURE:

CONTRACTOR(S): _____
ADDRESS: _____

PHONE: _____

MEASURES IMPLEMENTED: _____

SUB-CONTRACTOR(S): _____

ADDRESS: _____

PHONE: _____

MEASURES IMPLEMENTED: _____

SUB-CONTRACTOR(S): _____

ADDRESS: _____

PHONE: _____

MEASURES IMPLEMENTED: _____

THE OWNER AND SUB-CONTRACTORS IDENTIFIED ABOVE SHALL SIGN THE FOLLOWING CERTIFICATION STATEMENT BEFORE CONDUCTING ANY PROFESSIONAL SERVICE AT THE IDENTIFIED SITE. SIGNATURES SHALL BE PROVIDED BY A RESPONSIBLE CORPORATE OFFICER:

CERTIFICATION STATEMENT: I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (LR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

OWNER: PULTE HOME COMPANY, LLC

SIGNATURE: _____ DATE: _____

CONTRACTOR: _____

SIGNATURE: _____ DATE: _____

SUB-CONTRACTOR: _____

SIGNATURE: _____ DATE: _____

SUB-CONTRACTOR: _____

SIGNATURE: _____ DATE: _____

SUB-CONTRACTOR: _____

SIGNATURE: _____ DATE: _____

SEQUENCE/PHASING OF SESC MEASURES

1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
 - A. SILT FENCE INSTALLATION.
 - B. INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE(S);
 - C. INSTALL INLET PROTECTION IN EXISTING STORM SEWER STRUCTURES.
2. DESIGNATE STABILIZED VEHICLE, EQUIPMENT, AND MATERIAL STORAGE AREAS.
3. DEMOLITION AND TREE CLEARING.
4. MASS GRADING, STORM WATER FACILITY EXCAVATION, AND SOIL STOCKPILING.
5. CONSTRUCT AND PERMANENTLY STABILIZE STORM WATER FACILITY AND INSTALL SEDIMENT CONTROL DEVICE(S).
6. INSTALL STORM SEWER AND ASSOCIATED INLET AND OUTLET PROTECTION.
7. CONSTRUCT CONCRETE AND CONSTRUCTION WASHOUT CONTAINMENT FACILITIES.
8. ROAD CONSTRUCTION AND PAVING.
9. INITIATE TEMPORARILY STABILIZE AREAS THAT WILL REMAIN IDLE FOR 14 DAYS WITHIN 1 DAY OF LAST CONSTRUCTION ACTIVITY IN THAT AREA (INCLUDING TOPSOIL STOCKPILES).
10. VERTICAL CONSTRUCTION.
11. TOPSOIL RE-SPREAD.
12. INSTALL PERMANENT OR TEMPORARY SOIL STABILIZATION AND VEGETATIVE ENHANCEMENTS.
13. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.

MAINTENANCE SCHEDULE

ALL SEDIMENT BASINS TO BE INSPECTED REGULARLY AND SEDIMENT PLUMES TO BE REMOVED ON AN AS NEEDED BASIS AND AT PROJECT CLOSE OUT.

SIDE SLOPES OF THE BASINS TO BE INSPECTED REGULARLY AND ANY GULLY OR OTHER EROSION TO BE REPAIRED ON AN AS NEEDED BASIS.

SCOUR PROTECTION AT THE FLARED END SECTIONS SHALL BE INSPECTED REGULARLY AND REPAIRED AS NECESSARY.

THE BASINS SHALL BE AS-BUILT PRIOR TO PROJECT CLOSE OUT TO ENSURE PROPER STORAGE VOLUME.

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			A									
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C			D						
SODDING			E									
MULCHING	F											

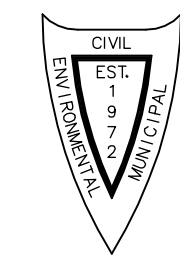
A KENTUCKY BLUEGRASS 100 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 60 LBS/ACRE AND CREEPING RED FESCUE 40 LBS/ACRE + 2 TONS STRAW MULCH/ACRE.
B KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 70 LBS/ACRE + 2 TONS STRAW MULCH/ACRE.
C SPRING OATS 100 LBS/ACRE
D WHEAT OR CEREAL RYE 150 LBS/ACRE.
E SOD
F STRAW MULCH 2 TONS/ACRE.

* IRRIGATION NEEDED DURING JUNE AND JULY.
** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOIL.

SOIL PROTECTION CHART

DRAWING LAST SAVED: 8/13/2024 11:28 AM BY KRIS LUNDBERG DRAWING PATH: F:\402161\DWG\END DRAWINGS\FINAL DRAWING\SWPPP.DWG PLOT FILE CREATED: 8/27/2024 3:46 PM BY LESLIE LUNDBERG

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REVISIONS		REVISIONS			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN
WISE COMMONS

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DIR: 402161	DRN. BY: LAL	DATE: 08-27-24	SCALE: 1" = N.T.S.	ER03 of ER03

CALCULATED LIGHTING LEVELS (FOOT CANDLES)					
LOCATION	AVERAGE	MAX	MIN	AVG/MIN	MAX/MIN
PRIVATE STREET	0.69	1.80	0.18	3.83	10.00

 = PHOTOMETRIC CALCULATION AREA

SHEET NOTES

1. THE LIGHT POLE LOCATIONS ON THIS PLAN SHOW THE RECOMMENDED PLACEMENT. ADJUSTMENTS TO THESE LOCATIONS MAY BE REQUIRED TO ACCOMMODATE SITE CONDITIONS.
2. PAVEMENT CALCULATION AREAS ARE TAKEN WITHIN THE LIMITS OF PROPOSED PAVEMENT SHOWN ON THIS PLAN.
3. THE PHOTOMETRIC PLAN WAS PREPARED USING THE STREET LIGHTING FIXTURE SCHEDULE ON THIS SHEET.



Construction
Housing: Aluminum die cast end enclosure, heavy duty cast zinc for maximum heat transfer
Lens: Impact resistant polycarbonate
Paint: 3.0 mil electrocoat powder coat
Weight: 6.6 lbs (3.0 kg)

Optical System
Luminaire: 5000 - 8000
Distribution: Type III (C-3) Type III, Flat and Type III (C-3) Type III
EMT: 10-145 LPM
CCT: 3000K, 5000K, 6000K
CRI: 90

Electrical
Input Voltage: 120/277V (50/60 Hz)
Input Frequency: 50/60 Hz
Power Factor: > 0.95 at all loads
Total Harmonic Distortion: < 5% at all loads

Surge Protection
Standard: EMTALA Secondary OVRV/OTV @ 1000V
Optional: Secondary OVRV/OTV @ 1000V

Lumen Maintenance
Projected Lum per FS (LM-79-07)

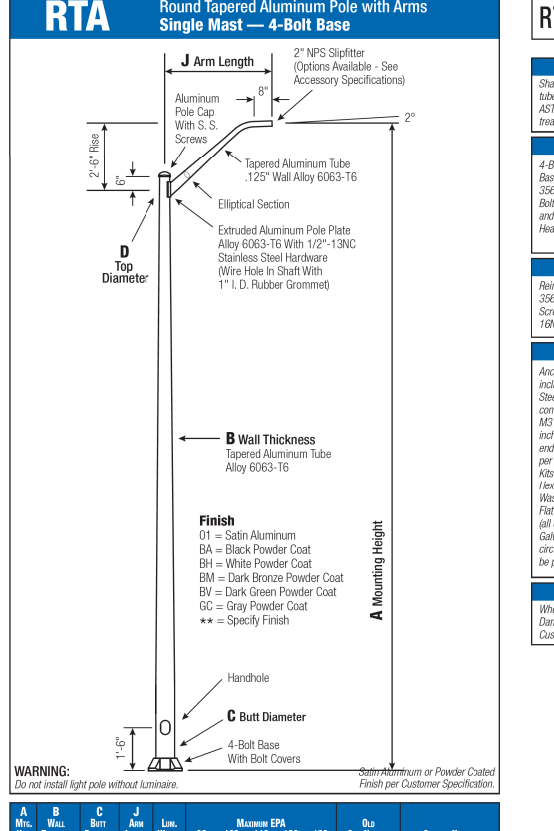
Hours	LM-79-07	LM-79-07	LM-79-07	LM-79-07
0	100%	100%	100%	100%
10,000	95%	95%	95%	95%
20,000	90%	90%	90%	90%
30,000	85%	85%	85%	85%
40,000	80%	80%	80%	80%
50,000	75%	75%	75%	75%

Optical System
Lumens: 5000 - 8000
Distribution: Type III (C-3) Type III, Flat and Type III (C-3) Type III
EMT: 10-145 LPM
CCT: 3000K, 5000K, 6000K
CRI: 90

Operating Temperature
Ambient: -40°C to 50°C
Storage: -40°C to 50°C
LM-79: 100% at 25°C ambient

Controls
Dimming: 0-10V
Sensors: Photo Electric Sensor (PES) available
Warranty: 5 Year (Standard) 10 Year (Optional)

Suggested HID Replacement
• 5000 - 8000 Lumens to replace 100W HID
• 5000 - 8000 Lumens to replace 150W HID
• 5000 - 8000 Lumens to replace 200W HID




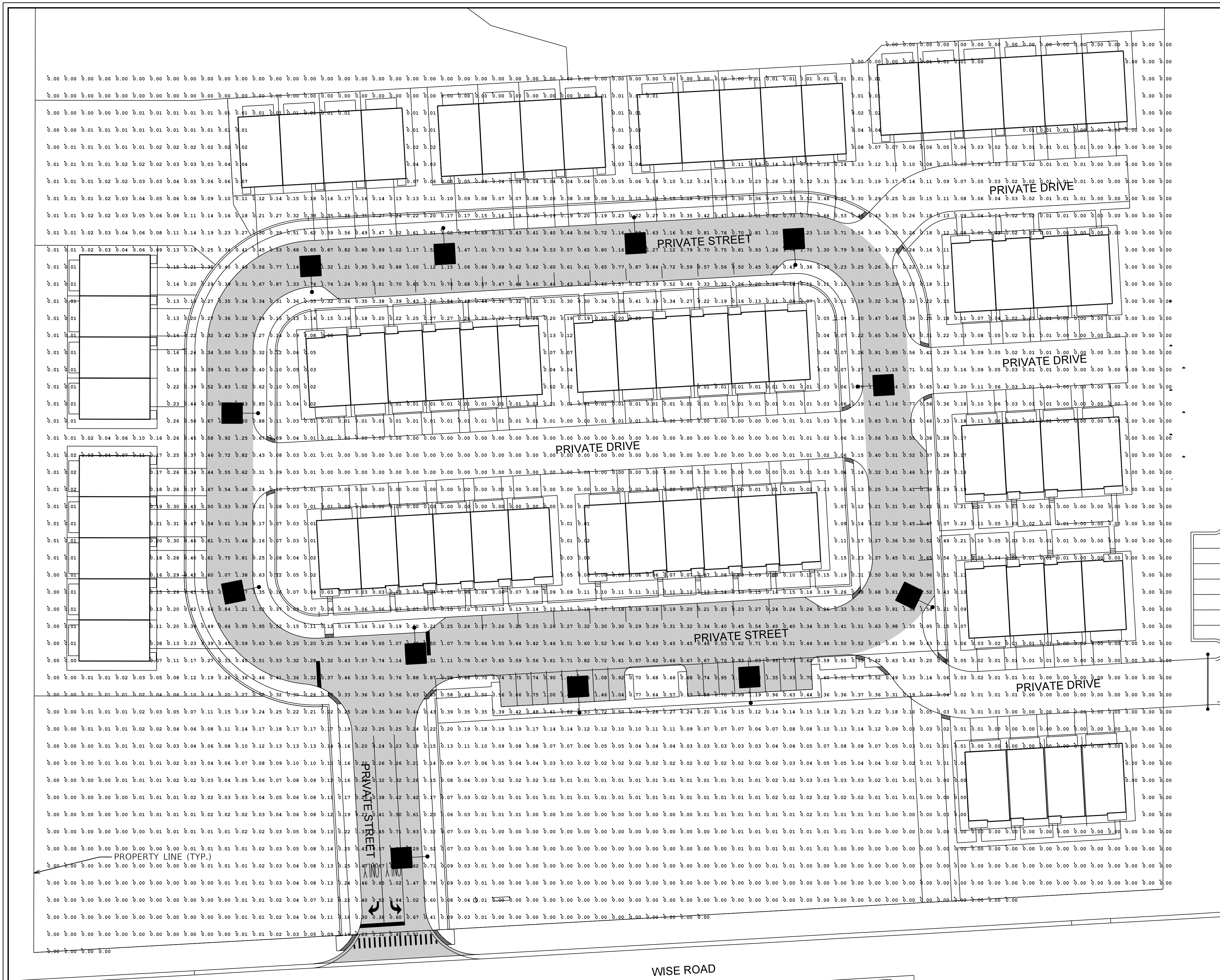
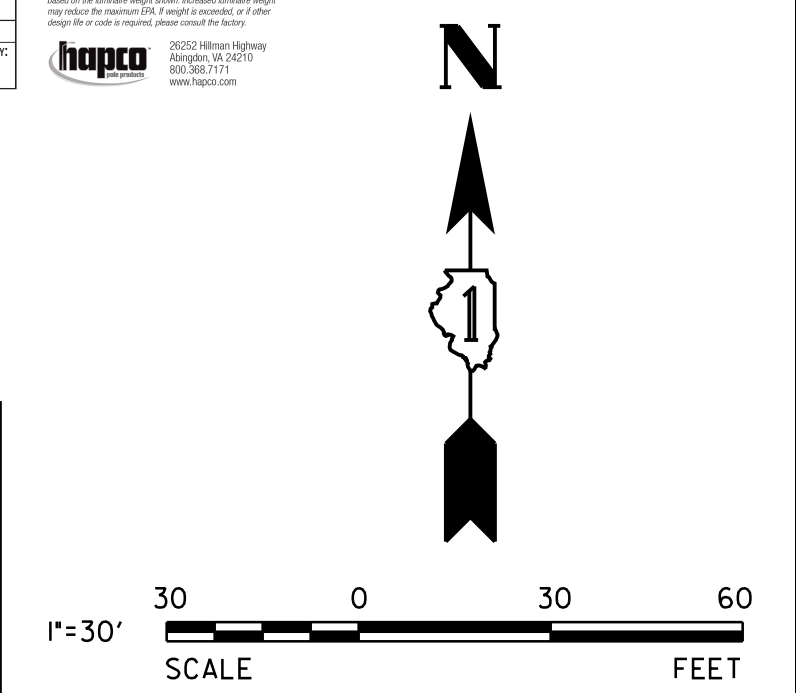
RTA25C7B4M18-01

RTA Pole
RTA Base
RTA Arm
RTA Fixture

RTA Pole: 25" Dia. x 18' Ht. (18' Ht. x 25" Dia.)
RTA Base: 4' x 8' x 8" (4' x 8' x 8")
RTA Arm: 25" Dia. x 18' Ht. (25" Dia. x 18' Ht.)
RTA Fixture: 25" Dia. x 18' Ht. (25" Dia. x 18' Ht.)

RTA Pole: 25" Dia. x 18' Ht. (18' Ht. x 25" Dia.)
RTA Base: 4' x 8' x 8" (4' x 8' x 8")
RTA Arm: 25" Dia. x 18' Ht. (25" Dia. x 18' Ht.)
RTA Fixture: 25" Dia. x 18' Ht. (25" Dia. x 18' Ht.)

STREET LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	QUANTITY	LLF	COLOR	MOUNTING	CONFIG.	CATALOG NUMBER
	GE EVOLVE ERL1 SERIES LUMINAIRE, TYPE III DISTRIBUTION, 5000 LUMENS, 25'-0" MOUNTING HEIGHT	12	0.9	3000K	25'-0" HAPCO ALUMINUM TAPERED POLE, GRAY, WITH 8'-0" ARM, METAL FOUNDATION	SINGLE FIXTURE	GE EVOLVE LUMINAIRE: ERL1-O-05-C3-30-GRAY HAPCO POLE: RTA25C7B4M18-01



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

PREPARED FOR:
PULTE HOMES
1900 E. GOLF ROAD, SUITE 300
SCHAUMBURG, ILLINOIS 60173

REVISIONS			
NO.	DATE	DESCRIPTION	DESCRIPTION
1	2024/08/12	UPDATED SITE PLAN	
2	2024/08/23	UPDATED SITE PLAN	

PROJECT NO.: 230978.01
DESIGNED BY: MGS
FILE NAME:
DRAWN BY: MGS
ORIGINAL ISSUE DATE: 2024/03/28
CHECKED BY: MJR
SCALE: 1"=30'
PROJECT MANAGER: MJR

WISE COMMONS
SCHAUMBURG
ILLINOIS

PHOTOMETRIC PLAN
P1
DRAWING NO.