

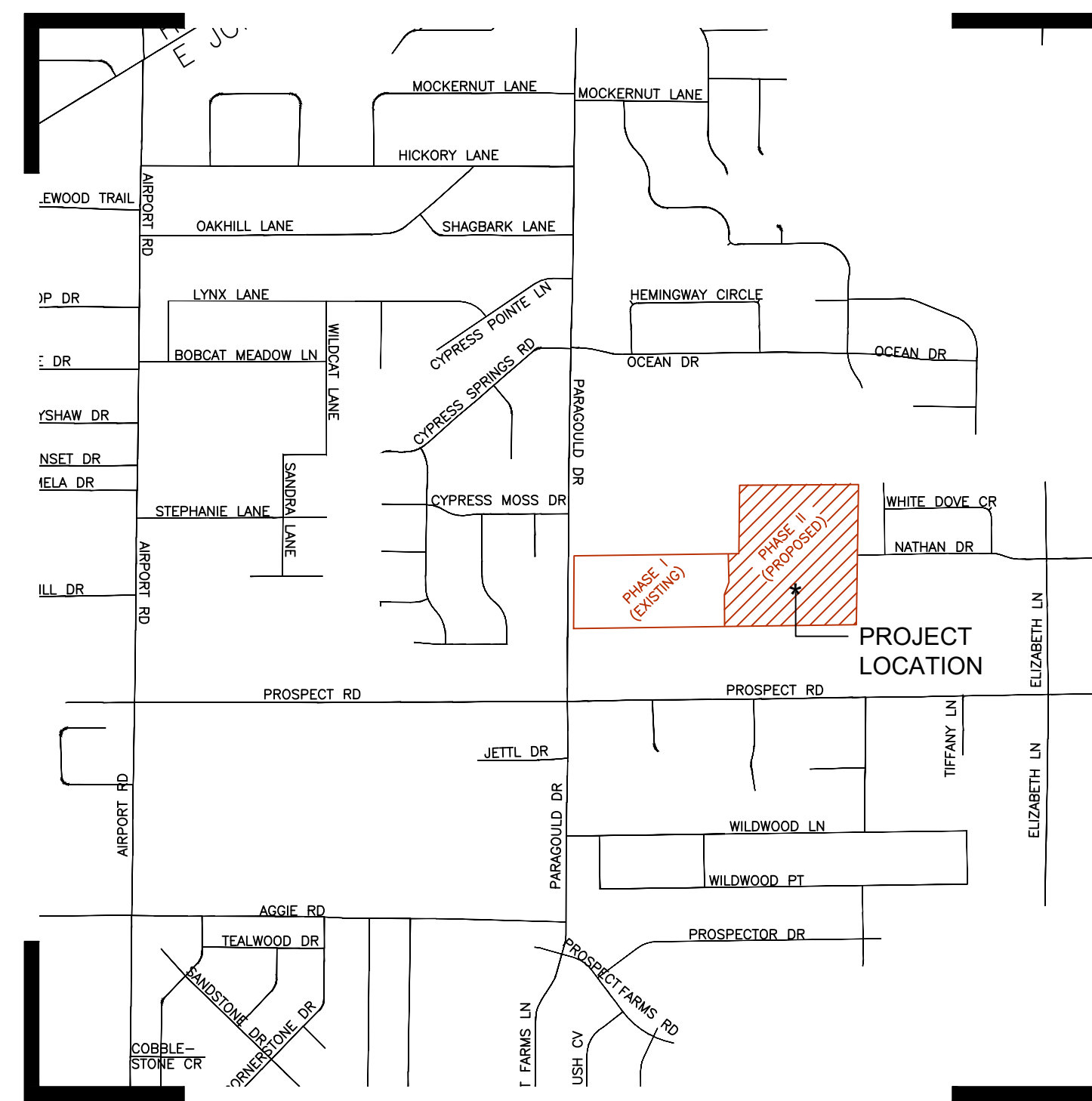
EDGEMONT PARK

EDGEMONT PARK PHASE II - SUBDIVISION PLANS

JONESBORO, CRAIGHEAD COUNTY, ARKANSAS

LOCAL CONTACTS

CITY OF JONESBORO ENGINEERING DEPT.	870-932-2438
CITY OF JONESBORO PLANNING AND ZONING	870-932-0406
CITY, WATER, & LIGHT	870-935-5581
AT&T	1-800-464-7928
RITTER COMMUNICATIONS	870-336-3400
SUDDENLINK COMMUNICATIONS	870-935-3615
CENTER POINT ENERGY	870-972-6682



VICINITY MAP
(NOT TO SCALE)

NAD83 Arkansas State Planes, North Zone, US Foot

INDEX OF SHEETS

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WT-1	WATER PLAN
SW-1	SEWER PLAN
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GR-1	GRADING&DRAINAGE PLAN
ST-1	STREET PLAN&PROFILE
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ST-3	STREET PLAN&PROFILE
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EDGEMONT PARK PHASE II

COVER PAGE



REVISIONS

DATE	BY	DESCRIPTION

DRAWING INFO.

DRAWN BY:	JMH
DATE:	9/6/2022
SCALE:	1"=77'

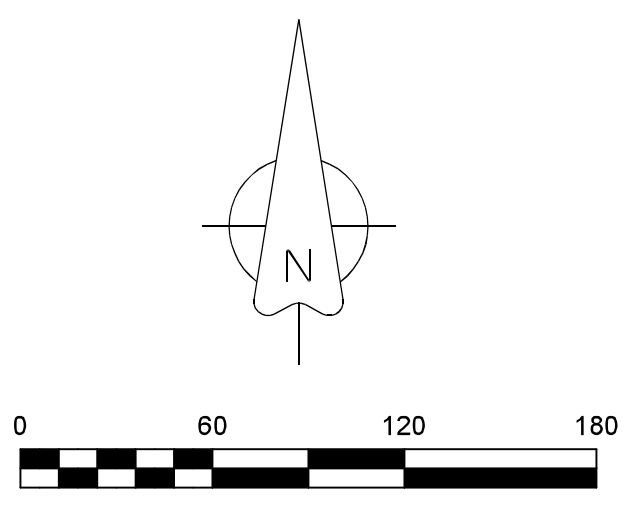
SHEET NUMBER:

C-1

MARK MORRIS
 MARK MORRIS P.E.
 3221 SHELBY DRIVE
 JONESBORO, AR 72404
 PH: 1-870-919-7700
 MARK.B.MORRIS@YAHOO.COM

FD MAG NAIL
NW CORNER OF THE SOUTHWEST QUARTER OF THE
SOUTHWEST QUARTER OF SECTION 11, TOWNSHIP 14
NORTH, RANGE 4 EAST

PROPERTY ZONED R-1
BUILDING SETBACKS
25' FRONT AND REAR
7.5' SIDEYARD



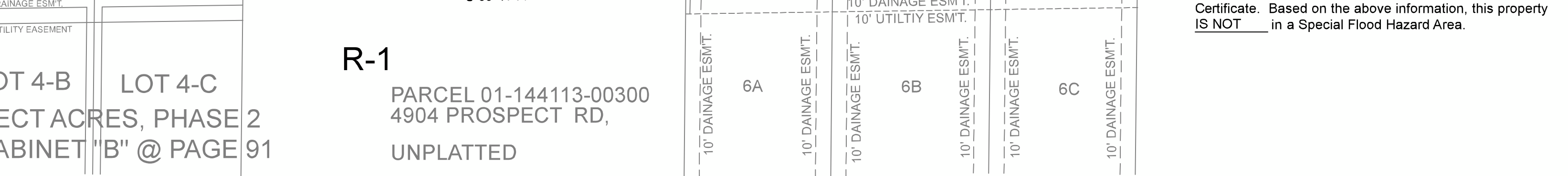
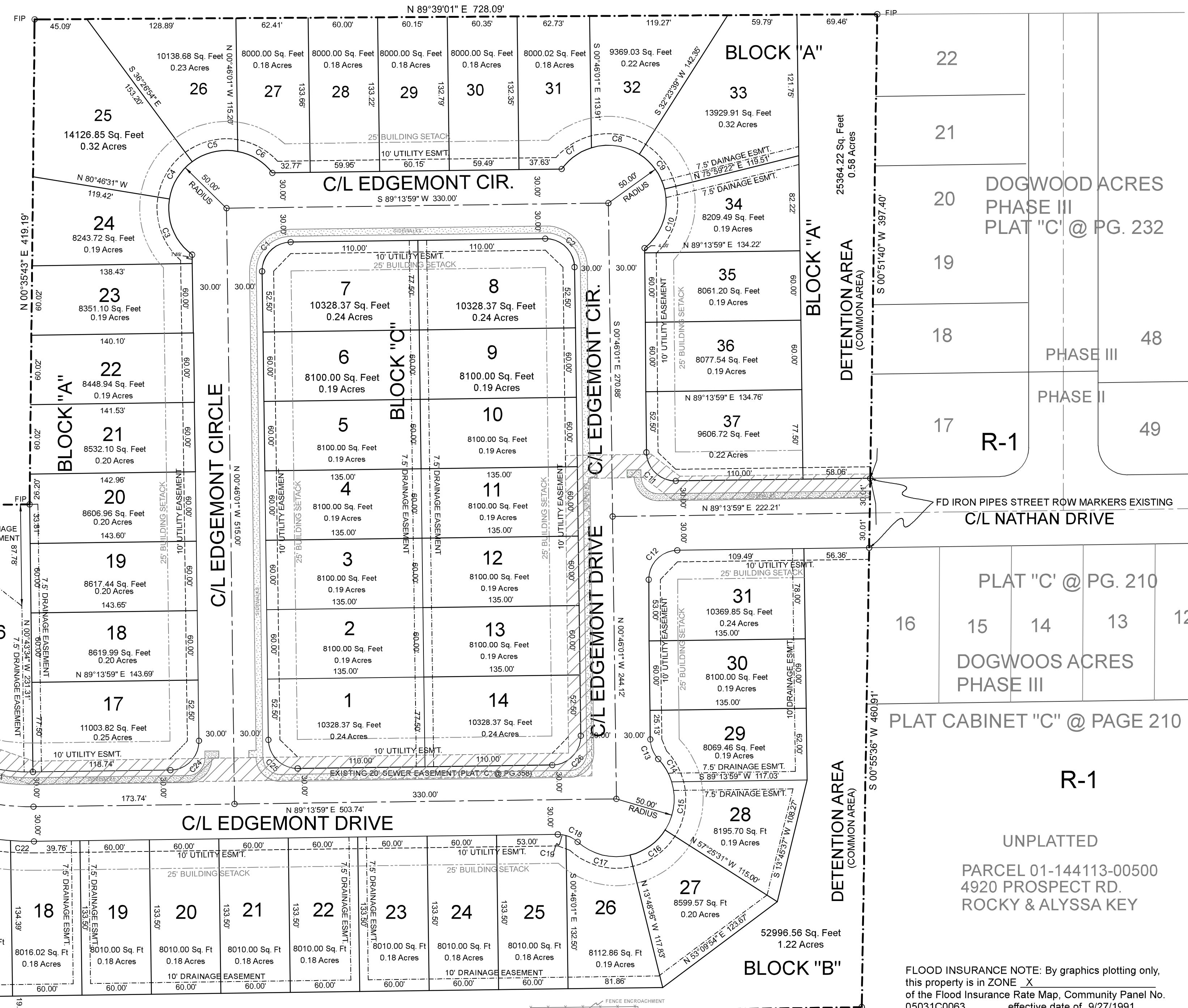
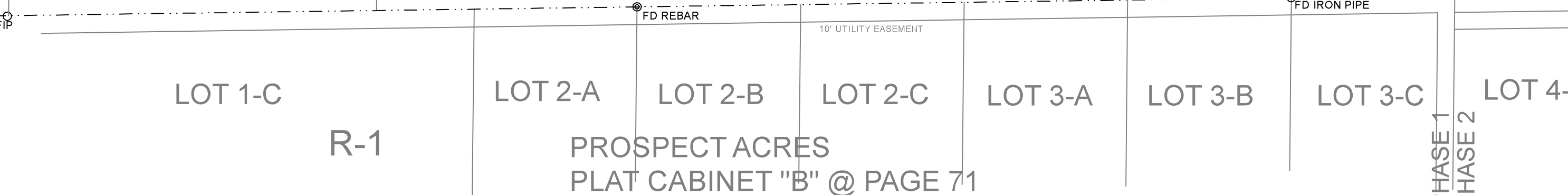
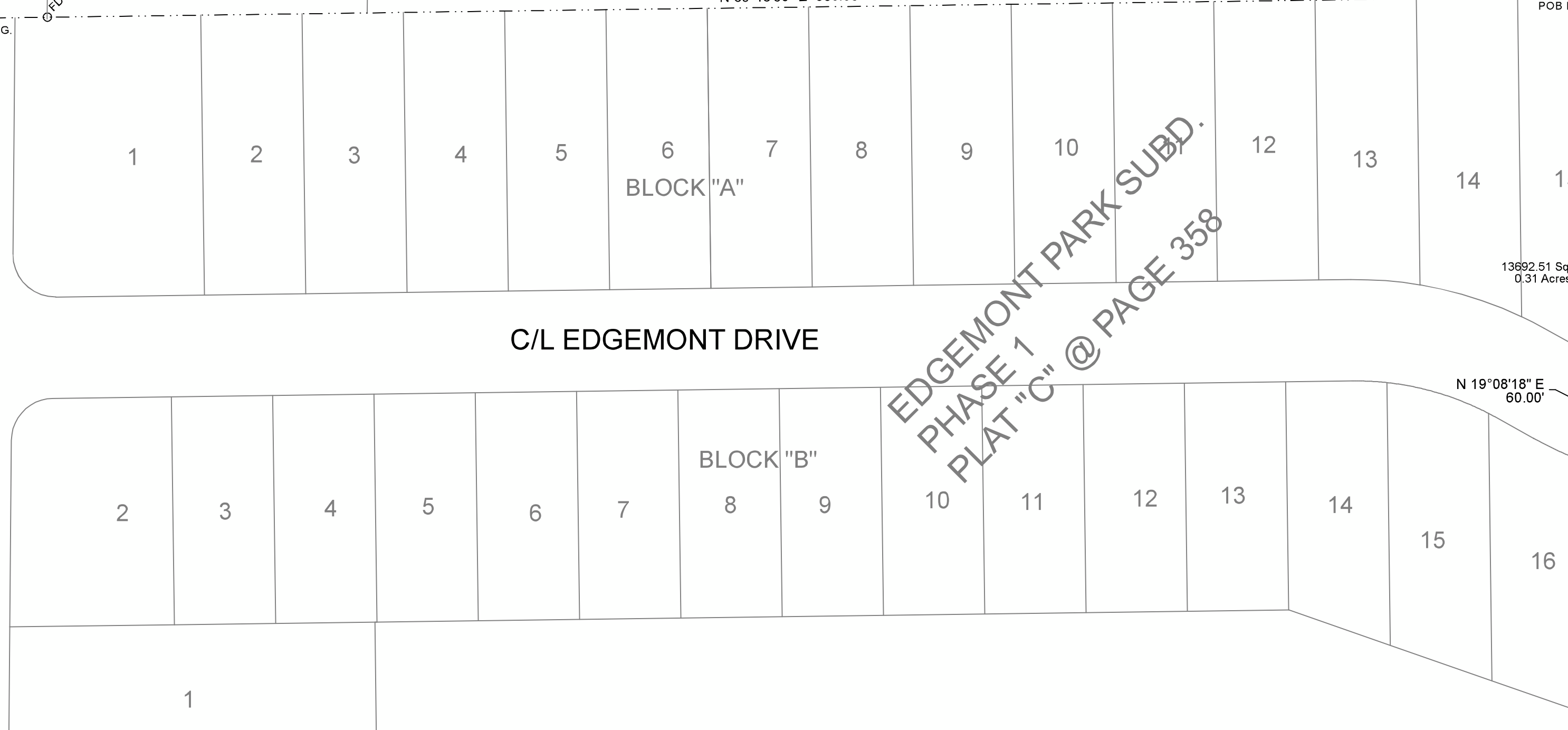
LEGEND

- These standard symbols will be found in the drawing.
- FOUND CORNER AS NOTED
 - SET 1/2" REBAR W/ CAP
 - FD COTTON PICKER SPINDLE
 - ▲ HIGHWAY RIGHT OF WAY MARKER
 - FOUND REBAR
 - △ CALCULATED CORNER
 - X — FENCE LINE
 - E — ELECTRIC
 - SET PK NAIL
 - ⊕ POWER POLE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	25.00'	39.27'	35.36'	N 44°13'59" E	90°00'00"
C2	25.00'	39.27'	35.36'	S 45°46'01" E	90°00'00"
C3	50.00'	54.76'	50.07'	S 22°09'11" E	62°45'18"
C4	50.00'	38.68'	37.73'	S 31°23'11" W	44°19'37"
C5	50.00'	41.58'	40.39'	N 77°22'22" E	47°39'46"
C6	50.00'	35.92'	35.18'	N 88°13'10" W	41°09'26"
C7	50.00'	32.12'	31.57'	S 54°30'17" W	36°48'13"
C8	50.00'	43.19'	41.86'	S 62°20'56" E	49°27'25"
C9	50.00'	38.04'	37.13'	N 35°48'30" W	43°39'43"
C10	50.00'	55.62'	52.80'	N 19°20'16" E	63°44'18"
C11	25.00'	39.27'	35.36'	S 45°46'01" E	90°00'00"
C12	25.00'	39.27'	35.36'	S 44°13'59" W	90°00'00"
C13	25.00'	18.89'	18.26'	S 22°11'01" E	42°50'00"
C14	50.00'	23.07'	22.89'	N 30°23'01" E	28°20'01"
C15	50.00'	42.06'	40.83'	N 06°59'49" E	48°11'39"
C16	50.00'	38.74'	37.78'	N 53°59'44" E	44°23'20"
C17	50.00'	48.78'	46.85'	S 73°52'18" E	59°52'28"
C18	25.00'	11.59'	11.49'	N 61°12'53" W	28°33'44"
C19	25.00'	7.10'	7.08'	S 82°37'53" E	16°16'17"
C20	200.00'	71.89'	71.41'	N 80°28'59" W	20°34'04"
C21	170.00'	61.37'	61.04'	S 80°25'28" E	20°41'05"
C22	230.00'	20.27'	20.26'	N 88°14'32" W	9°02'57"
C23	230.00'	61.95'	61.76'	S 78°00'06" E	15°20'56"
C24	25.00'	39.27'	35.36'	N 44°13'59" E	90°00'00"
C25	25.00'	39.27'	35.36'	N 45°46'01" W	90°00'00"
C26	25.00'	39.27'	35.36'	S 44°13'59" W	90°00'00"

UNPLATTED
PARCEL 01-144113-00600
DENNIS GREGORY

C/L OLD PARAGOULD ROAD



FLOOD INSURANCE NOTE: By graphics plotting only, this property is in ZONE X of the Flood Insurance Rate Map, Community Panel No. 05031C0063 effective date of 9/27/1991. Exact designations can only be determined by an Elevation Certificate. Based on the above information, this property IS NOT in a Special Flood Hazard Area.

DESCRIPTION:
A PART OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 4 EAST, CRAIGHEAD COUNTY, ARKANSAS AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
Commencing at the Northwest corner of the Southwest Quarter of the Southwest Quarter of said Section 11; thence South 00°35'22" West 419.48 feet; thence North 89°13'50" East 980.95 feet to the point of beginning proper;
thence continue North 89°13'50" East 60.22 feet; thence North 00°35'43" East 419.19 feet; thence North 89°39'01" East 728.09 feet; thence South 00°51'40" West 397.40 feet; thence South 00°55'36" West 460.91 feet; thence South 89°11'14" West 793.80 feet; thence North 00°45'25" West 168.04 feet; thence North 19°08'18" East 60.00 feet; thence North 00°46'04" West 220.35 feet; having an area of 653505.52 square feet, 15.00 acres more or less and being subject to all public and private roads and easements.

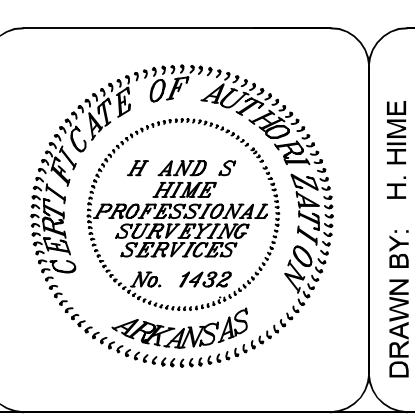
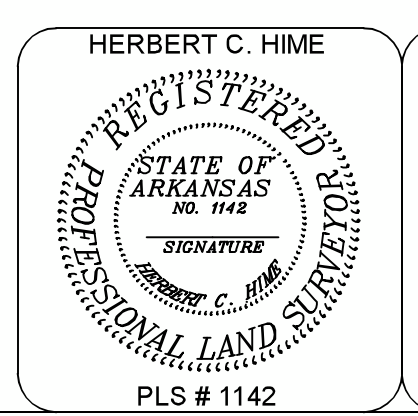
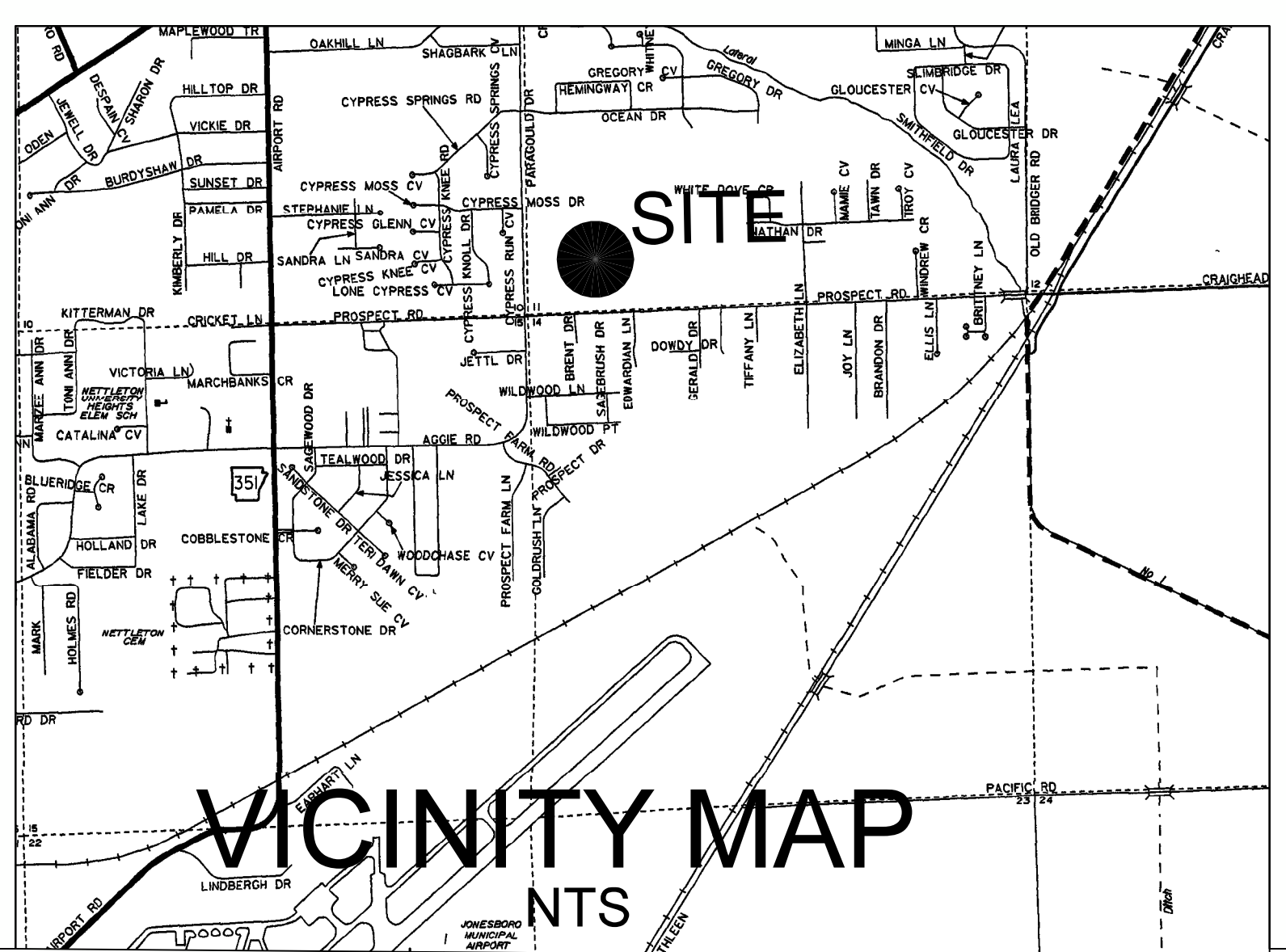
SURVEYOR'S NOTES:
1. BEARINGS ARE STATE PLANE GRID BEARINGS (NAD 83 DATUM) AS PER GPS OBSERVATION ON SITE DURING SURVEY AND ARE TO BE USED TO DEFINE THE GENERAL DIRECTION AND TRUE ANGLE AT THE INTERSECTION OF THE PROPERTY AND LAND LINES.
2. PROPERTY IS SUBJECT TO UTILITY SERVICES AND UNDERGROUND UTILITY LINES NOT LOCATED.

SURVEYOR'S CERTIFICATION:
THIS IS TO CERTIFY I HAVE ON THIS DATE SURVEYED THE ABOVE DESCRIBED PROPERTY IN ACCORDANCE WITH MONUMENTS FOUND THIS PLAT CONFORMS TO THAT SURVEYED.

H&S HIME PROFESSIONAL SURVEYING SERVICES
1817 WOODSPRING ROAD, SUITE "F"
JONESBORO, ARKANSAS 72401

OWNER CERTIFICATION:
WE HEREBY CERTIFY THAT WE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT WE ADOPT THE PLAN OF THE SUBDIVISION AND DEDICATED PERPETUAL USE OF ALL STREETS AND EASEMENTS AS NOTED.

MARK MORRIS



DRAWN BY: H. HIME
DATE: 8/25/2022
REV:

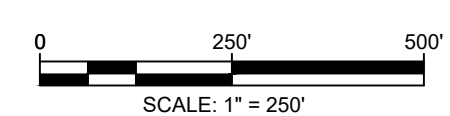
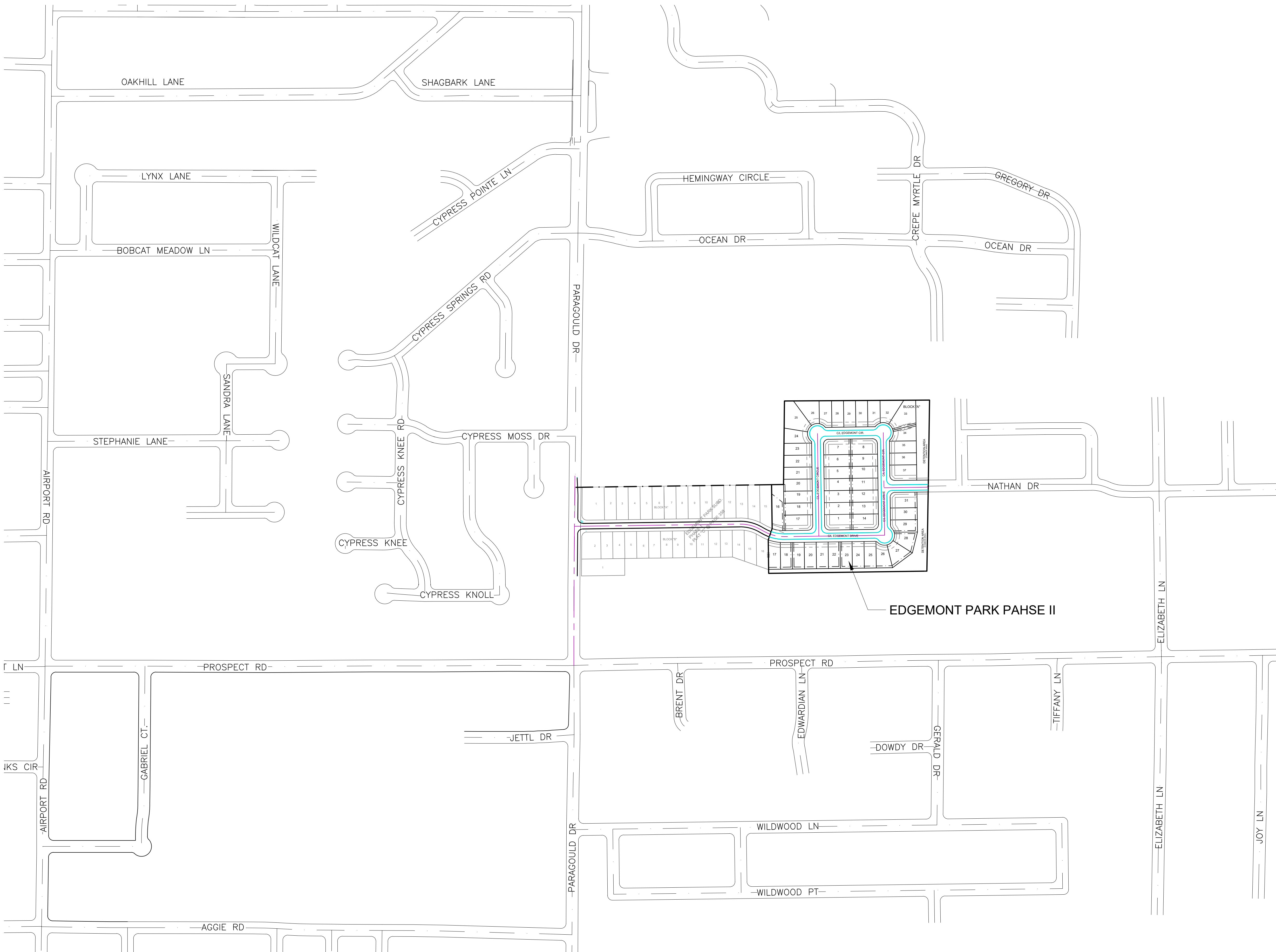
EDGEMONT PARK SUBDIVISION
PHASE II
JONESBORO, ARKANSAS

H&S HIME PROFESSIONAL SURVEYING SERVICES

1817 WOODSPRING RD. SUITE "F"
JONESBORO, ARKANSAS 72401

PHONE: 870-972-1288
EMAIL: hshime_butch@yahoo.com

CLIENT: MARK MORRIS



EDGEMONT PARK PHASE II

KEY MAP

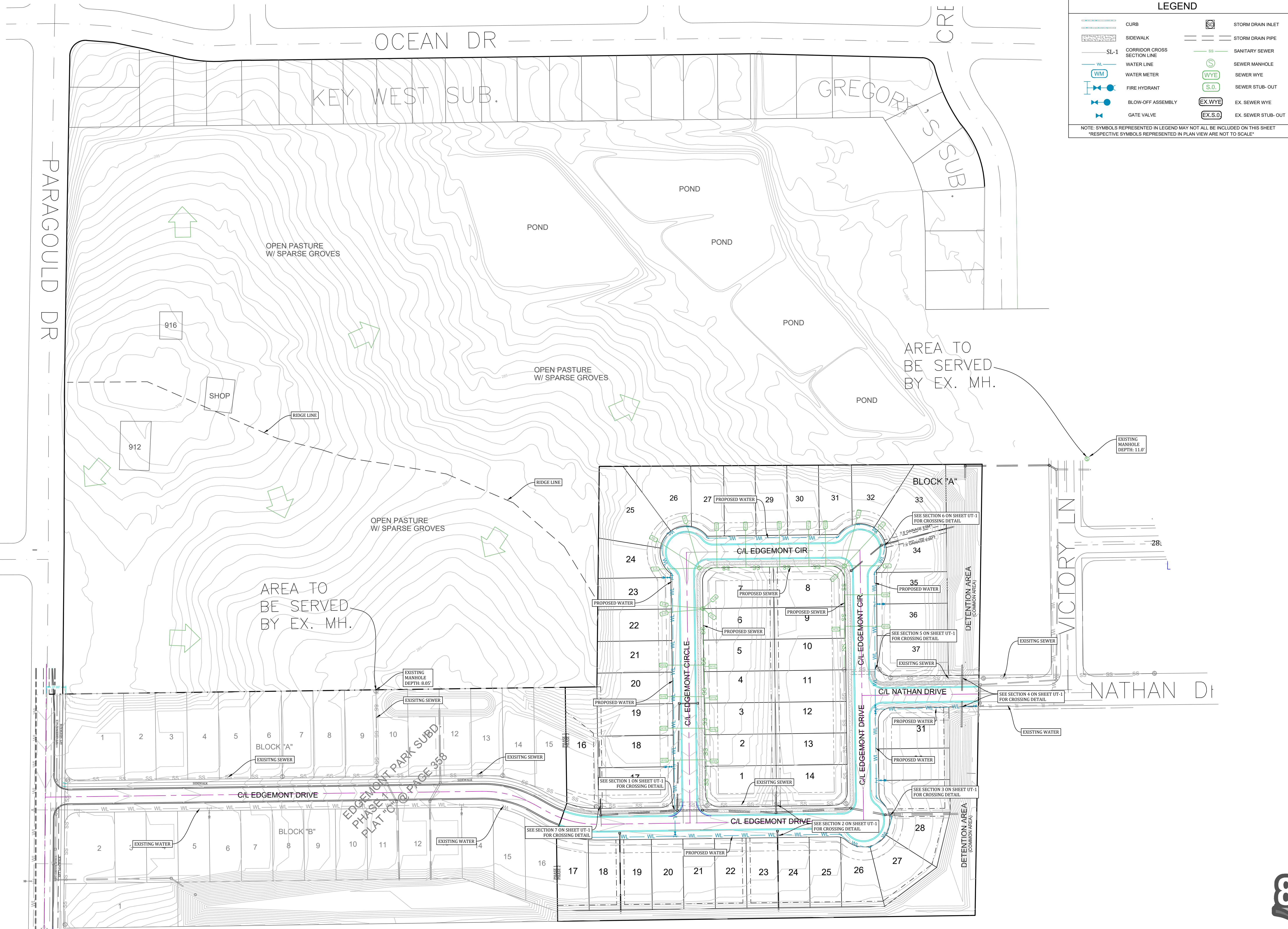


REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.	
DRAWN BY:	JMH
DATE:	9/6/2022
SCALE:	1"=250'

SHEET NUMBER:
OV-1

MARK MORRIS
 MARK MORRIS P.E.
 3221 SHELBY DRIVE
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 MARK.B.MORRIS@YAHOO.COM



LEGEND

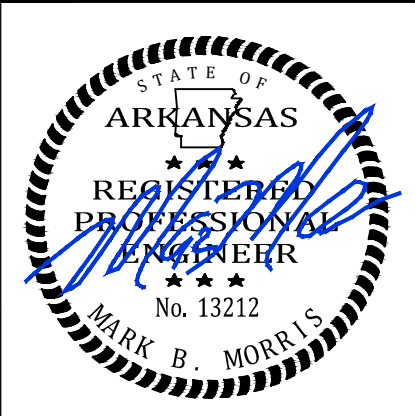
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	SIDEWALK		STORM DRAIN PIPE
	CORRIDOR CROSS SECTION LINE		SANITARY SEWER
	WATER LINE		SEWER MANHOLE
	WATER METER		SEWER WYE
	FIRE HYDRANT		SEWER STUB-OUT
	BLOW-OFF ASSEMBLY		EX. SEWER WYE
	GATE VALVE		EX. SEWER STUB-OUT

NOTE: SYMBOLS REPRESENTED IN LEGEND MAY NOT ALL BE INCLUDED ON THIS SHEET
RESPECTIVE SYMBOLS REPRESENTED IN PLAN VIEW ARE NOT TO SCALE

MARK MORRIS P.E.
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 FAX: 479-970-9700
 MARK.B.MORRIS@YAHOO.COM

MARK MORRIS

EDGEMONT PARK PHASE II
 OVERALL UTILITY



REVISIONS

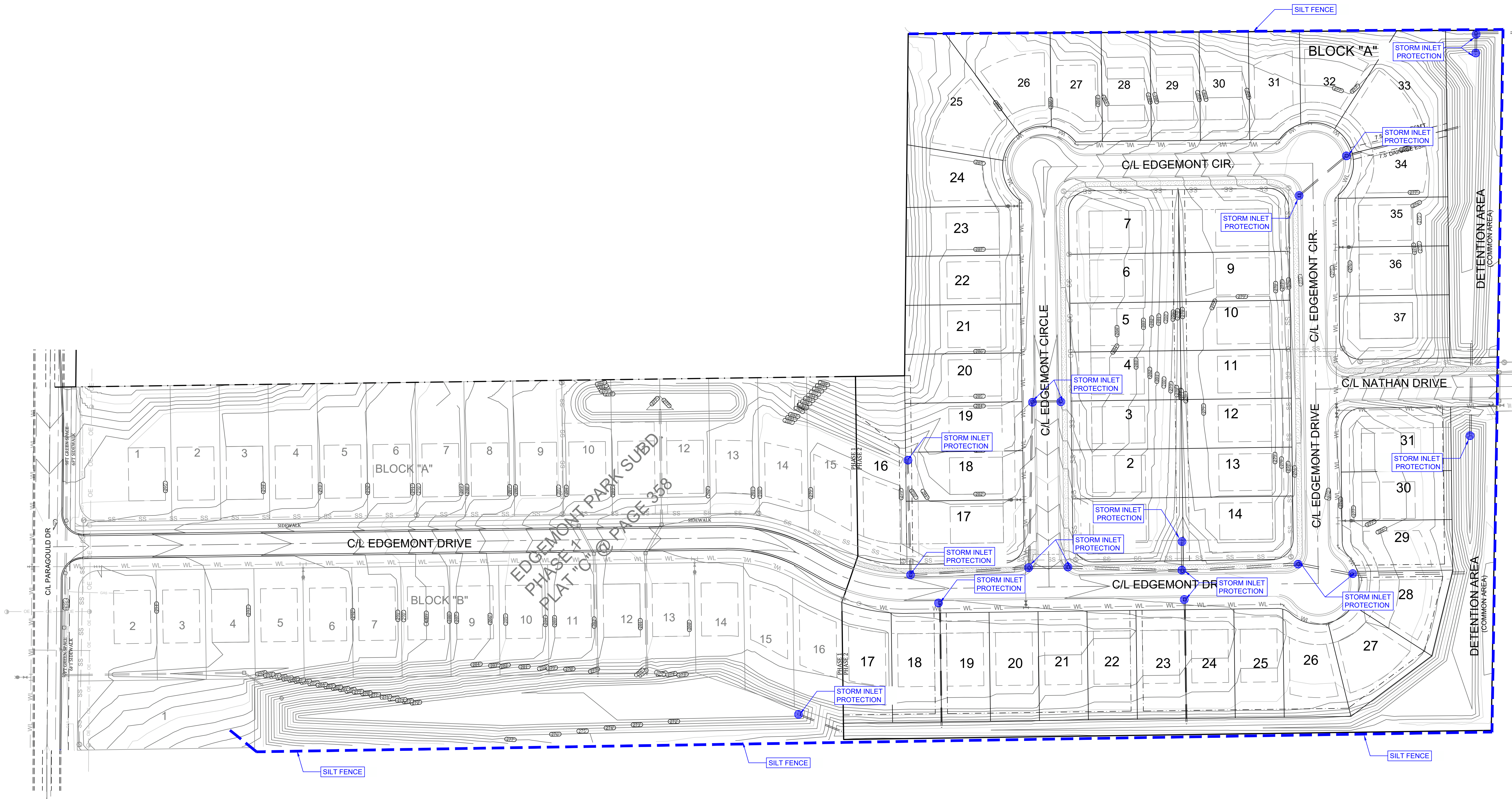
DATE	BY	DESCRIPTION

DRAWING INFO.

DRAWN BY: JMH
 DATE: 9/6/2022
 SCALE: 1"=80'

SHEET NUMBER:
 OV-2

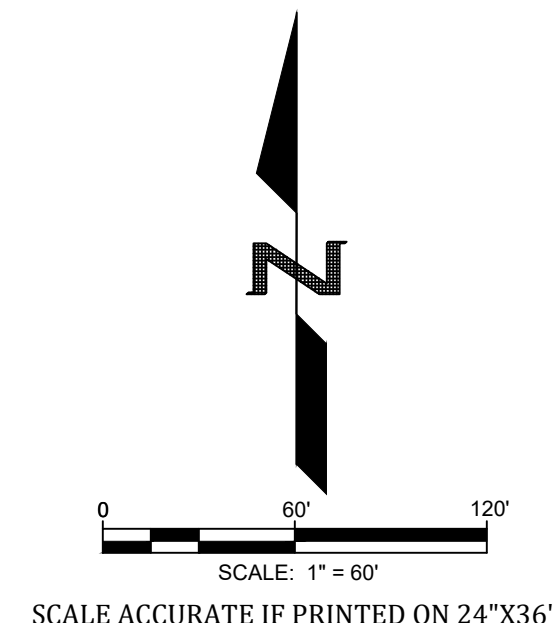
811
 Know what's below.
 Call before you dig.



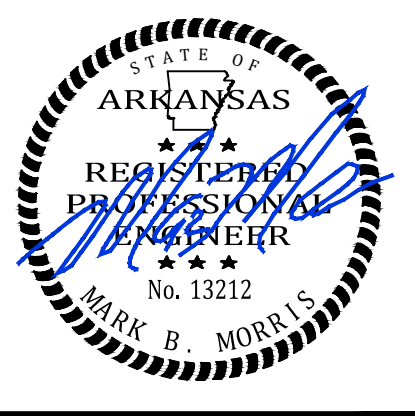
EDGEMONT PARK SUBD
 PHASE 1
 PLAT "C" @ PAGE 358

LEGEND			
	CURB		STORM DRAIN INLET
	SIDEWALK		STORM DRAIN PIPE
	CORRIDOR CROSS SECTION LINE		SANITARY SEWER
	WATER LINE		SEWER MANHOLE
	WATER METER		SEWER WYE
	FIRE HYDRANT		SEWER STUB-OUT
	BLOW-OFF ASSEMBLY		EX. SEWER WYE
	GATE VALVE		EX. SEWER STUB-OUT

NOTE: SYMBOLS REPRESENTED IN LEGEND MAY NOT ALL BE INCLUDED ON THIS SHEET
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PARAGOULD DR SUBDIVISION
 EROSION CONTROL

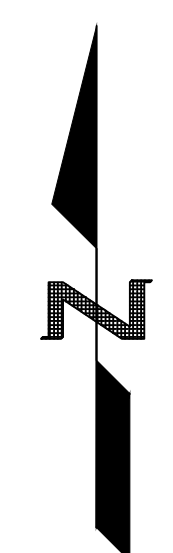


REVISIONS		
DATE	BY	DESCRIPTION

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DRAWN BY:	GMD
DATE:	6/1/2020
SCALE:	1"=77'

SHEET NUMBER:
E-1

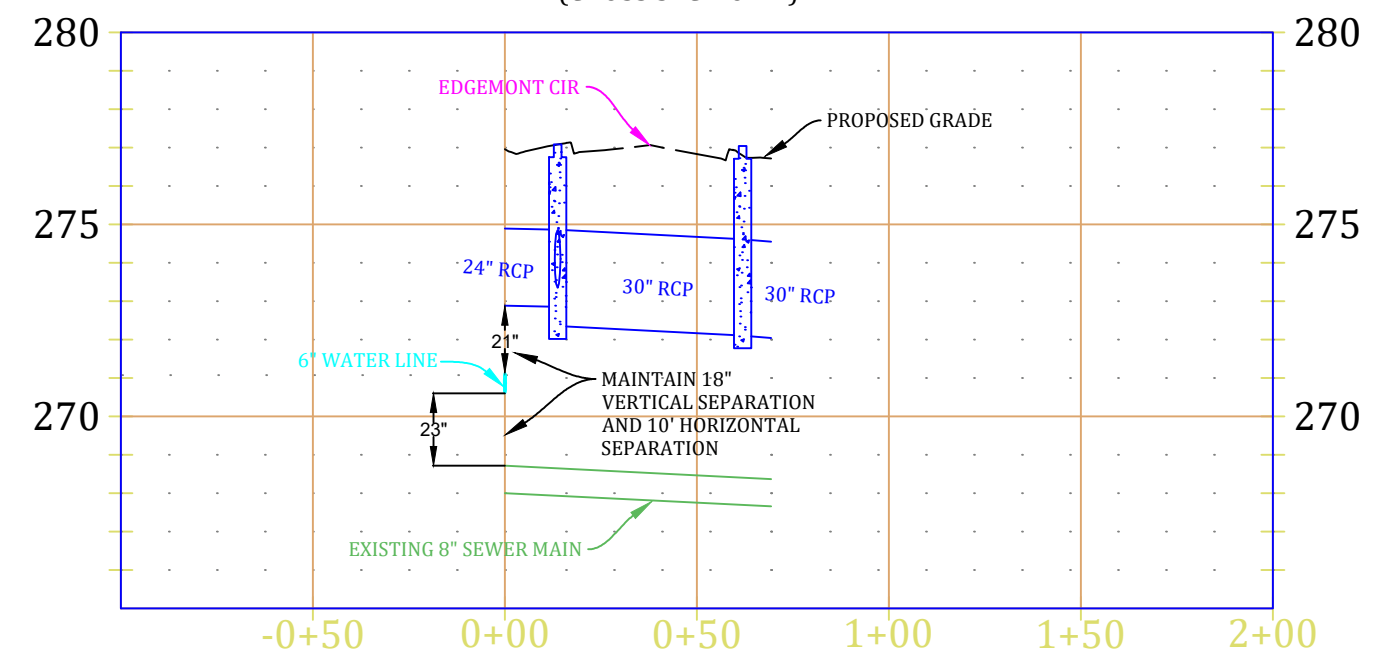
MARK MORRIS
 MARK MORRIS P.E.
 3221 SHELBY DRIVE
 JONESBORO, AR 72404
 PH: 1-870-919-7700
 MARK.B.MORRIS@YAHOO.COM



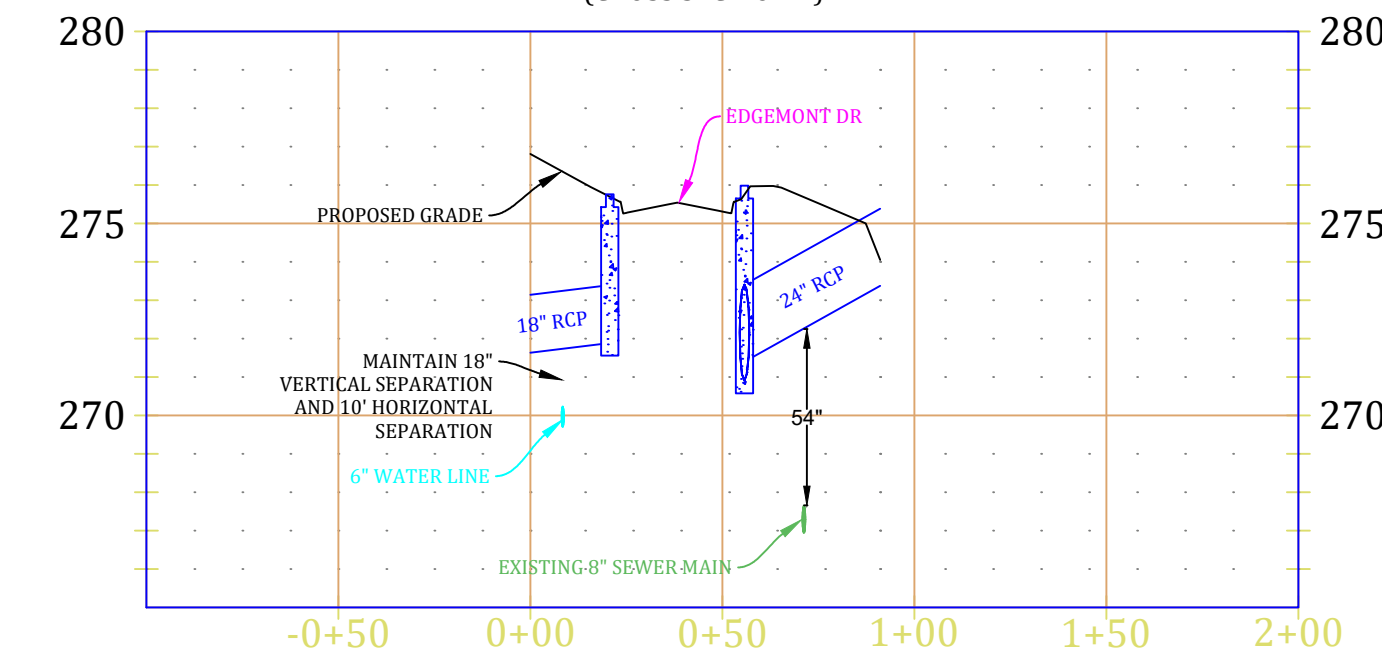
LEGEND			
	CURB		STORM DRAIN INLET
	SIDEWALK		STORM DRAIN PIPE
	CORRIDOR CROSS SECTION LINE		SANITARY SEWER
	WATER LINE		SEWER MANHOLE
	WATER METER		SEWER WYE
	FIRE HYDRANT		SEWER STUB-OUT
	BLOW-OFF ASSEMBLY		EX. SEWER WYE
	GATE VALVE		EX. SEWER STUB-OUT

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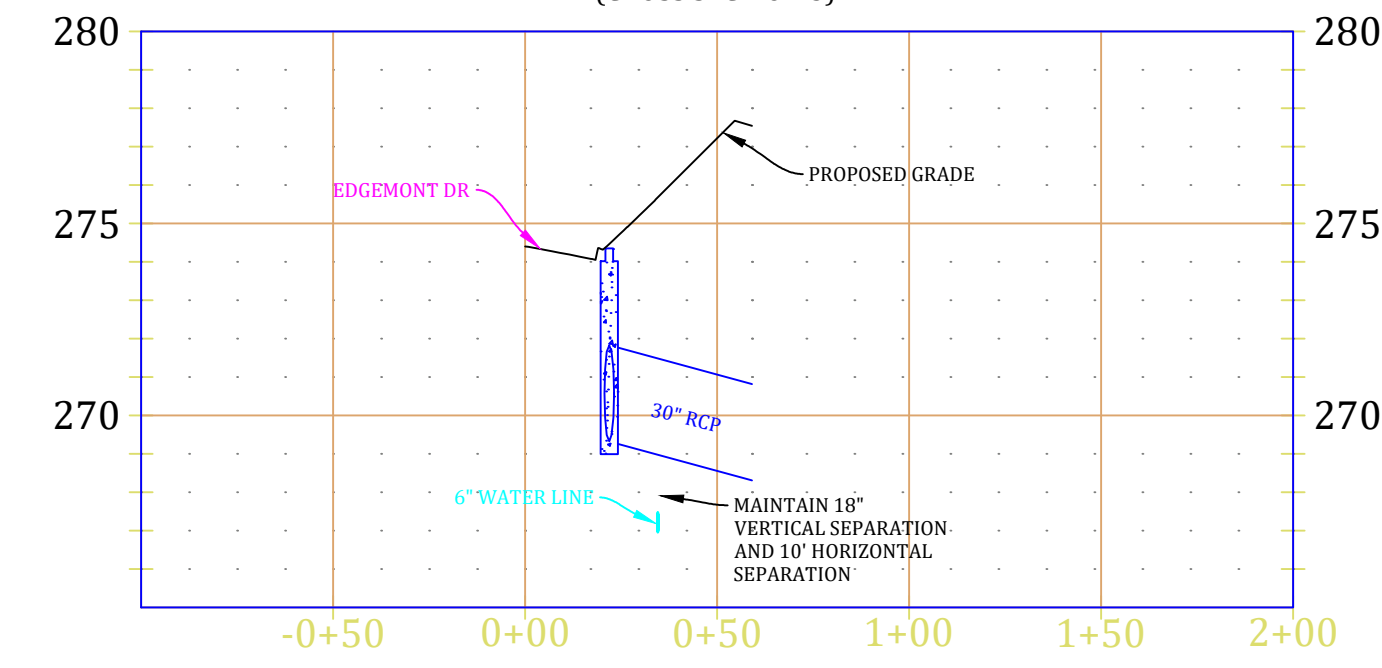
SOUTHWEST INTERSECTION CROSSING
(CROSS SECTION 1)



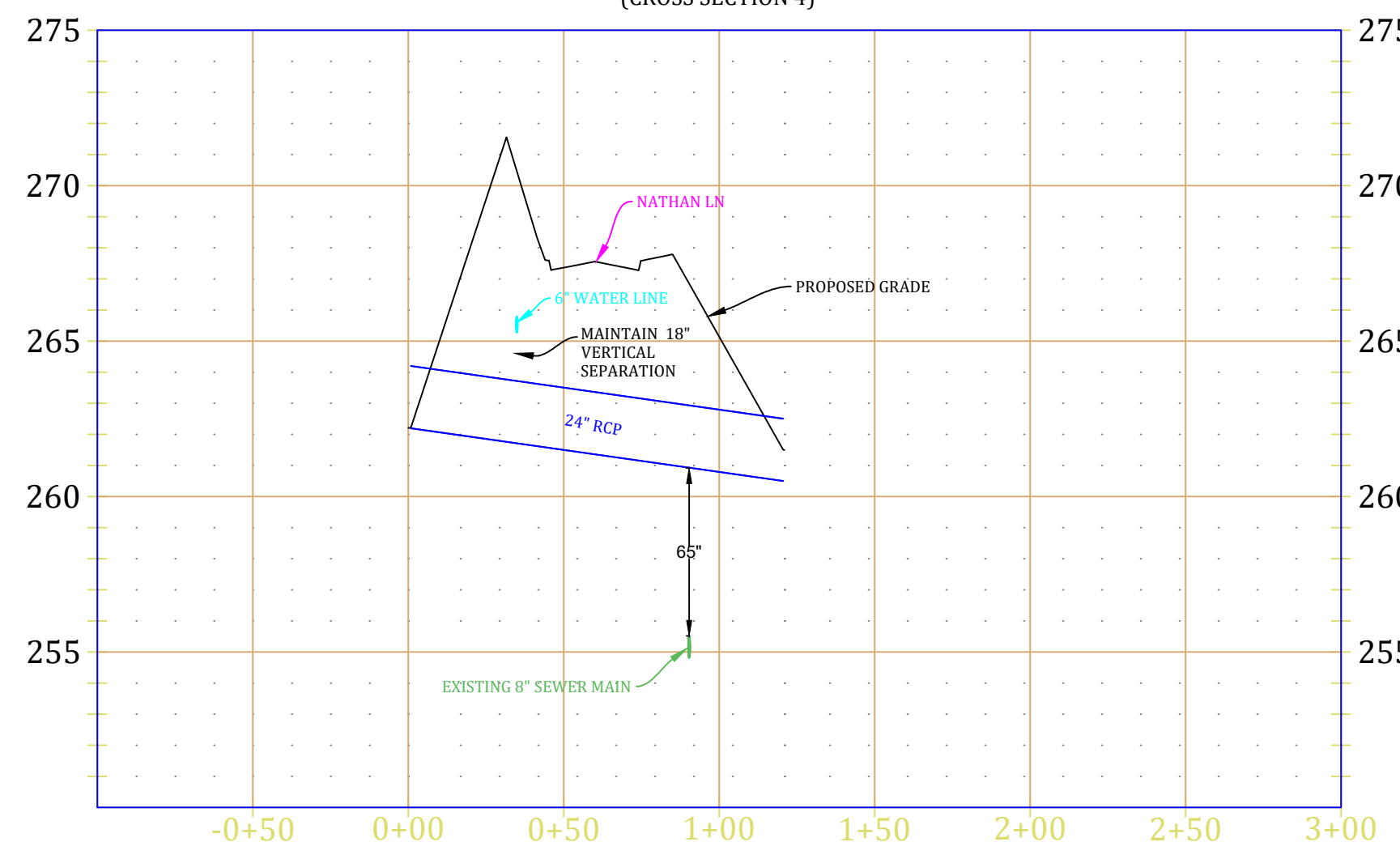
EDGEMONT DRIVE CROSSING
(CROSS SECTION 2)



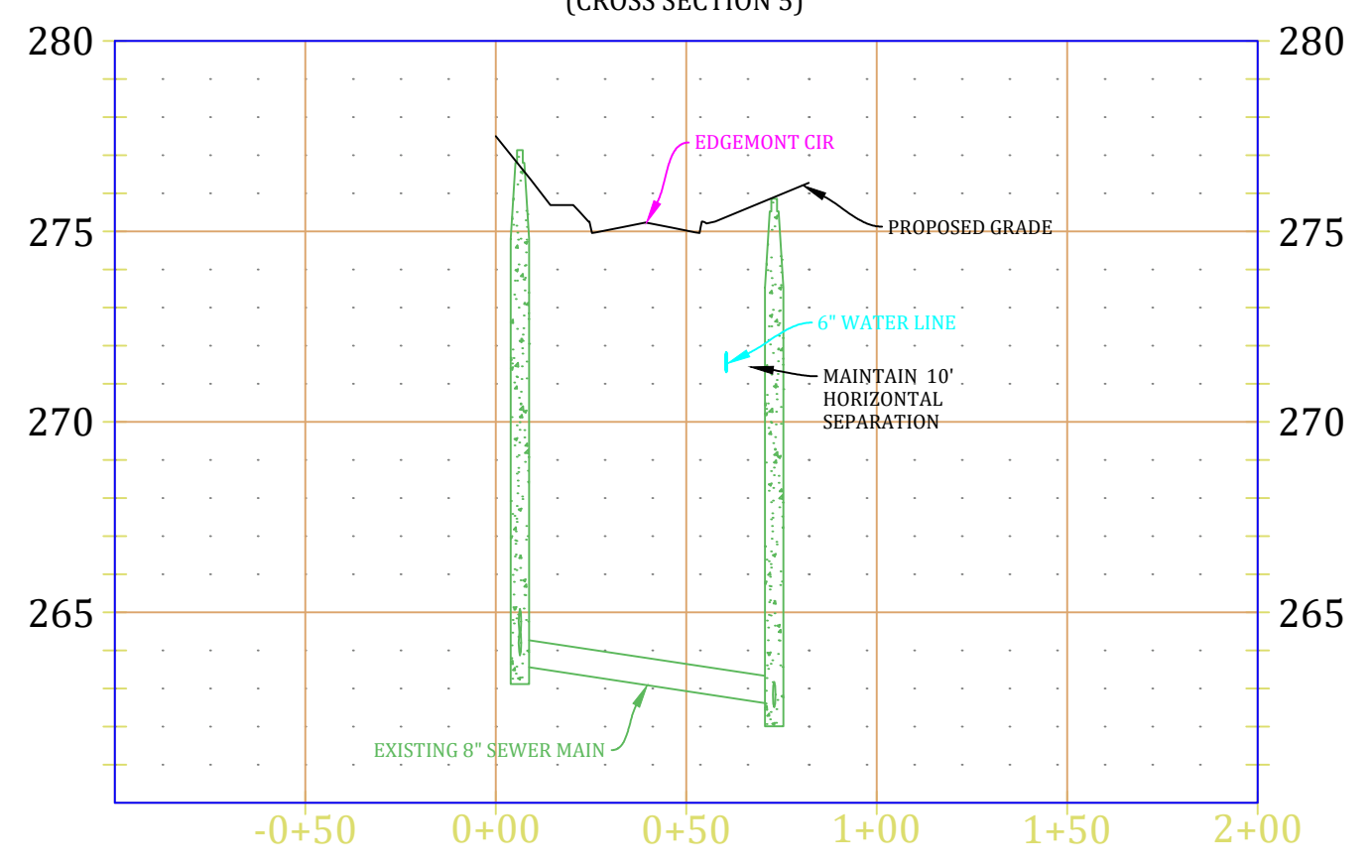
EDGEMONT DRIVE CUL-DE-SAC CROSSING
(CROSS SECTION 3)



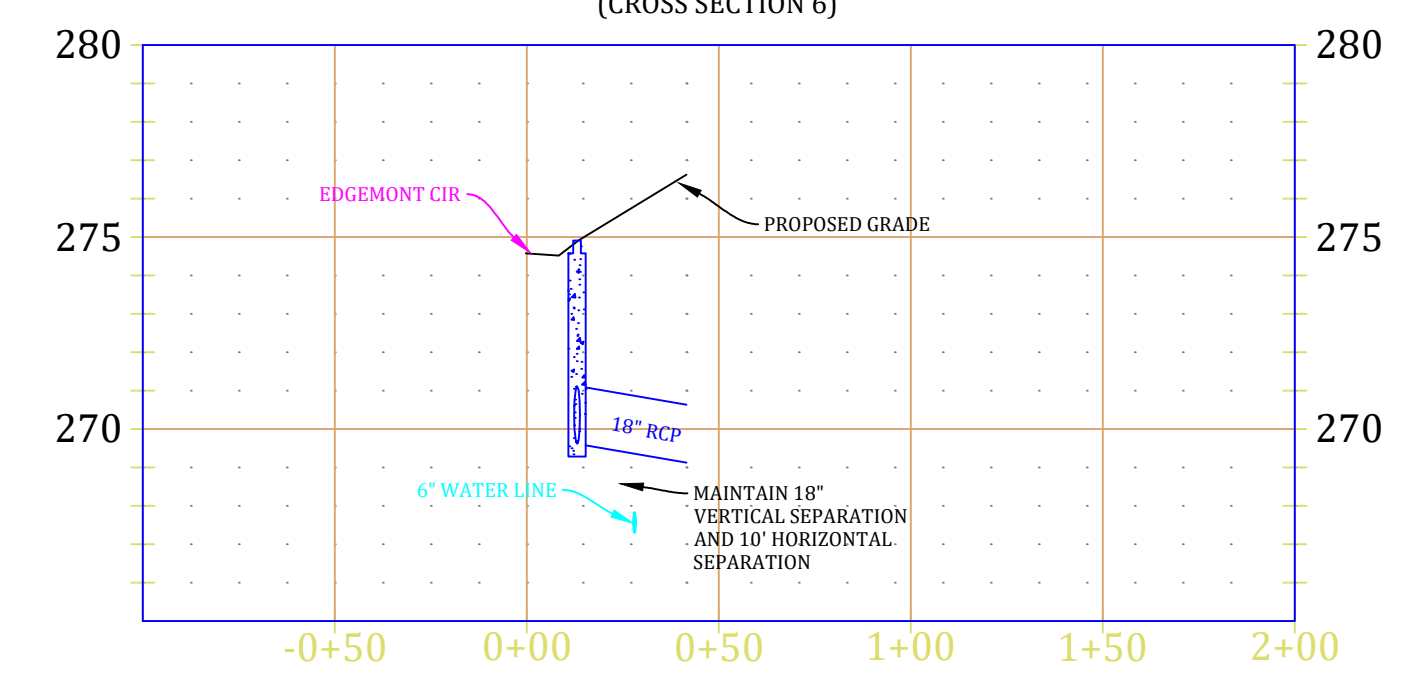
NATHAN DRIVE CROSSING
(CROSS SECTION 4)



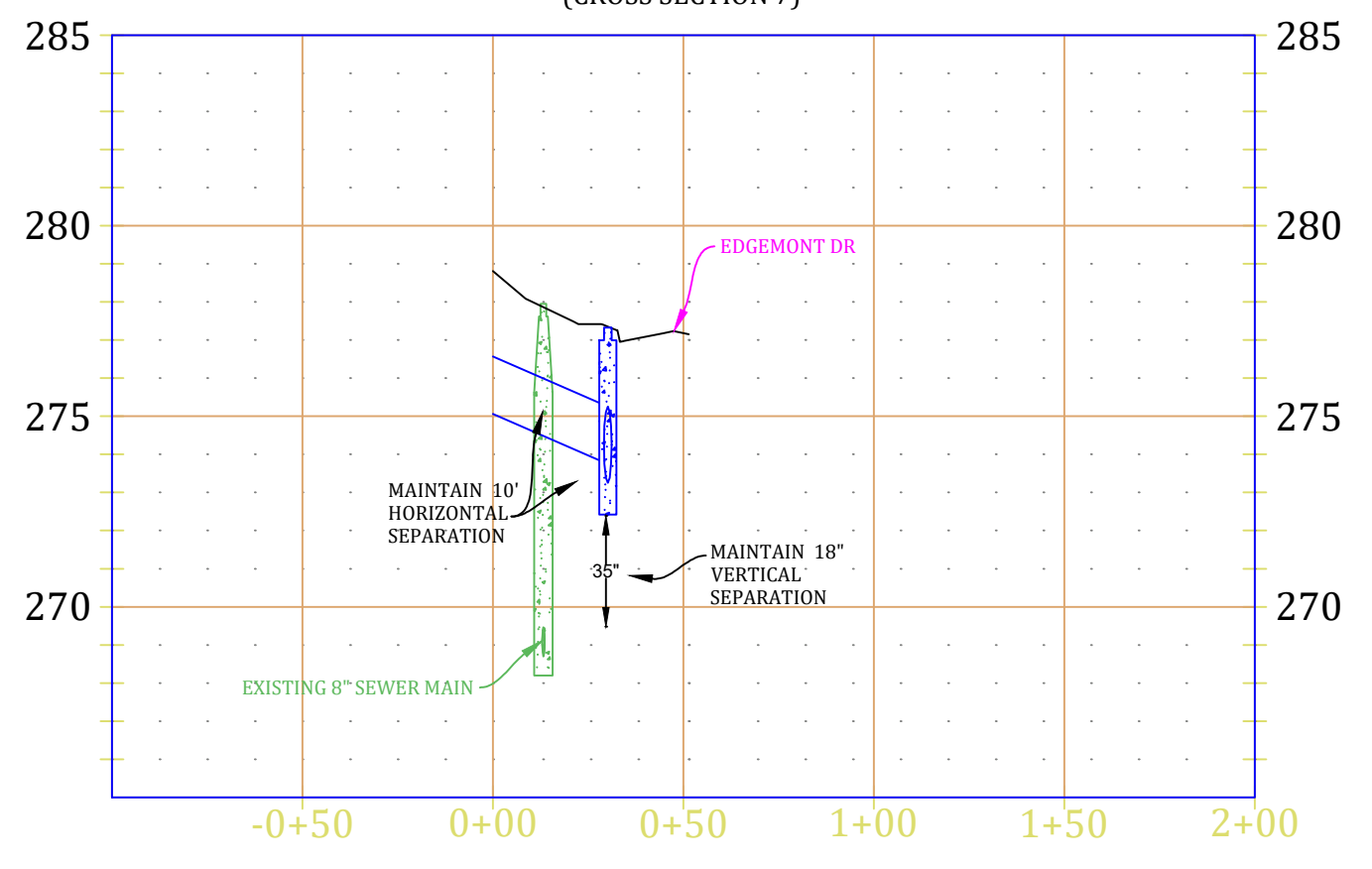
EAST INTERSECTION CROSSING
(CROSS SECTION 5)



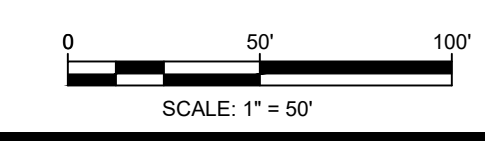
EDGEMONT CIRCLE CUL-DE-SAC CROSSING
(CROSS SECTION 6)



PHASE LINE CROSSING
(CROSS SECTION 7)



VERTICAL SCALE 1:5
HORIZONTAL SCALE 1:50



EDGEMONT PARK PHASE II

UTILITY CROSSINGS

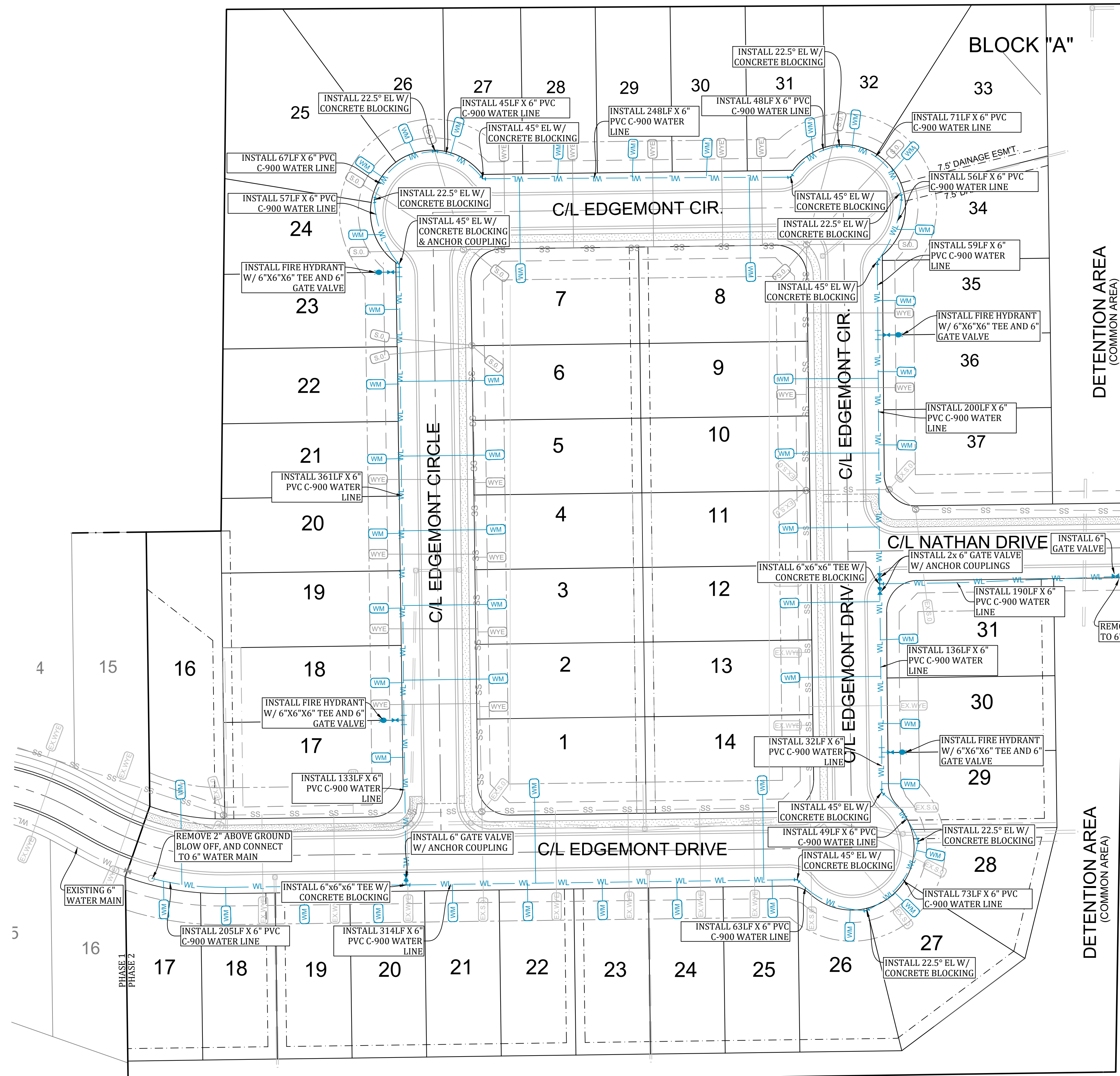


REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.	
DRAWN BY:	JMH
DATE:	9/6/2022
SCALE:	1"=50'

SHEET NUMBER:
UT-1

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LEGEND

	CURB		SD	STORM DRAIN INLET
	SIDEWALK		SD	STORM DRAIN PIPE
	SL-1		SS	SANITARY SEWER
	WL		S	SEWER MANHOLE
	WM		S.WYE	SEWER WYE
	FIRE HYDRANT		S.O.	SEWER STUB-OUT
	BLOW-OFF ASSEMBLY		EX.WYE	EX. SEWER WYE
	GATE VALVE		EX.S.O.	EX. SEWER STUB-OUT

NOTE: SYMBOLS REPRESENTED IN LEGEND MAY NOT ALL BE INCLUDED ON THIS SHEET
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TOTAL WATERLINE QUANTITIES:
 2405 LF - 6" C-900 PVC WATERLINE
 36 - 3/4" SHORT SERVICES
 15 - 3/4" LONG SERVICES

PRESSURES:
 STATIC PRESSURE = 81 PSI
 RESIDUAL PRESSURE = 71 PSI

WATER AND ELECTRIC NOTES:

- CONTRACTOR SHALL PROVIDE NECESSARY ELECTRICAL CONDUIT & PERMANENT MARKERS W/ GRAY PVC SCH 40 (2") & PVC SCH 40 (4") & 3/8" RAD ELBOWS FOR RISERS AND A STRING & MOUSE BLOWN IN THE CONDUIT. CONTRACTOR SHALL OBTAIN AN ELECTRICAL PLAN FROM CWL AND INSTALL THE ELECTRICAL CONDUIT AS SPECIFIED BY CWL (CONTRACTOR SHALL OBTAIN CWL SPECIFICATIONS).
- CONTRACTOR SHALL PROVIDE 3/4" METER STOP, TAP, SERVICE LINE & METER BOX AS REQUIRED BY CWL & INSTALL AS REQUIRED BY CWL.
- CONTRACTOR SHALL PROVIDE ENGINEER W/ "AS-BUILT" DIMENSIONS FOR WYES, VALVES, TEES, BENDS, FIRE HYDRANTS & WATER METERS.
- CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS FOR ALL SEWER, WATER, & ELECTRICAL LINE LATERALS & PROVIDE LABOR & MATERIAL TO BACKFILL ALL SEWER, WATER & ELECTRICAL STREET CUTS WITH SANDY MATERIAL (P.I. <15) TO TOP OF EXCAVATION & COMPACT FILL TO 95% COMPACTION & PROVIDE COMPACTION TESTS AT 2' INTERVALS. CONTRACTOR SHALL PROVIDE LABOR AND MATERIAL FOR ALL SEWER & WATER LINE MAINS THAT CROSS A STREET AND BACKFILL THEM WITH SANDY (P.I. <15) TO TOP OF EXCAVATION & COMPACT FILL TO 95% COMPACTION & PROVIDE MATERIAL COMPACTION TESTS AT 2' INTERVALS.
- A 1/2 GA SOLID TRACER WIRE SHALL BE INSTALLED WITH WATER LINE MAIN WHERE THERE SHALL BE A PERMANENT WATER LINE MARKER INSTALLED @ THE BEGINNING, THE END AND 750' INTERVALS IN BETWEEN WHERE THE TRACER WIRE IS INSTALLED. THE TRACER WIRE SHALL BE INSTALLED ABOVE THE WATER LINE AND CONNECTED TO THE PERMANENT MARKERS IN A MANNER THAT WILL ENSURE A CONTINUOUS CONNECTION OF THE TRACER LINE.
- CONTRACTOR SHALL CALL ARK ONE CALL FOR LOCATES PRIOR TO CONSTRUCTION.
- CWL SHALL PROVIDE FIRE HYDRANT, 6" D.I. GATE VALVE, VALVE BOX W/ LID, AND 6" BY LINE SIZE D.I. TEE. CONTRACTOR SHALL PROVIDE LABOR FOR INSTALLATION AND CONCRETE BLOCKING. (SEE DETAIL SHEET)
- CONTRACTOR SHALL NOTIFY ENGINEER TO DETERMINE ELEVATIONS FOR MANHOLE TOPS, WATERLINE ELEVATION WHERE IT CROSSES PROPOSED STORM DRAINS, WATER METER BOX ELEVATIONS, VALVE BOX ELEVATIONS, AND FIRE HYDRANT ELEVATIONS, AND WATER LINE LOCATION AROUND INLETS. WATER LINE SHALL BE INSTALLED AT AN ELEVATION WHERE HYDRANTS ARE LOCATED TO ENSURE HYDRANT WILL BE AT PROPER HEIGHT WHEN FINISHED GRADE HAS BEEN OBTAINED.
- CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH PLANS TO ENSURE THE WATER LINE DEPTH OF INSTALLATION IS BELOW THE PROPOSED STORM DRAIN ELEVATION. CONTRACTOR WILL BE REQUIRED TO COME BACK AND LOWER WATER LINE DEPTH IF IT INTERFERES WITH THE STORM DRAIN INSTALLATION.
- IF CONTRACTOR CAN NOT ENSURE WATER LINE INSTALLATION TO BE BELOW STORM DRAIN, THEN THE CONTRACTOR SHALL POSTPONE WATER LINE INSTALLATION UNTIL STORM DRAIN IS DRAINED.
- CONTRACTOR SHALL PROVIDE OWNER WITH ONE YEAR WARRANTY FOR MATERIALS AND WORKMANSHIP.
- CONTRACTOR SHALL PROVIDE ENGINEER WITH LIEN RELEASES FOR MATERIALS AND LABOR, BACTERIAL SAMPLE RESULTS, AND MONTHLY WATER LINE VALVES WITHIN 30 DAYS OF COMPLETION OF WORK.
- CONTRACTOR SHALL DRESS UP PROJECT AFTER INSTALLATION TO THE CONDITION IT AS PRIOR TO BEGINNING CONSTRUCTION. MOUND BACKFILL OVER TRENCHES 1" TO 2" TO ALLOW FOR SETTLING IN AREAS OUT OF THE STREET.
- CONTRACTOR SHALL REVIEW DETAIL SHEETS TO ENSURE PROPER INSTALLATION OF VALVES, FIRE HYDRANTS, CONCRETE BLOCKING, SERVICE LINES, MANHOLE INVERTS, AND DROP ASSEMBLIES.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND REVIEW THEM. CWL SPECIFICATIONS ARE TO BE ADHERED TO AND MADE A PART OF THIS SET OF PLANS. CONTRACTOR SHALL USE CWL SPECIFICATIONS TO INCLUDE ITEMS NOT SHOWN OR REFERRED TO IN THIS SET OF PLANS. ALL STREET EXCAVATION MATERIAL SHALL BE DISPOSED OF BY CONTRACTOR ON THE ADJACENT LOTS OR AS DIRECTED BY OWNER.
- ALL STREET EXCAVATION MATERIAL SHALL BE DISPOSED OF BY CONTRACTOR ON THE ADJACENT LOTS OR AS DIRECTED BY OWNER.
- CONTRACTOR SHALL PLACE 8 MIL POLYWRAP OVER DUCTILE IRON FITTINGS PRIOR TO PLACING CONCRETE BLOCKING TO PREVENT CONCRETE FROM ENCASEING BOLTS & NUTS.
- ALL WATER LINES 4" TO 12" DIAMETER SHALL BE AWWA C-900 PRESSURE CLASS 150 DR 18 ALL 2" AND 3" DIAMETER WATER LINES SHALL BE SDR 21 CLASS 200 (ASTM 2241). ALL SEWER LINES SHALL BE ASTM 2241 SDR-26.
- WATER LINE AND SANITARY SEWER LINE SHALL MAINTAIN 18" MINIMUM VERTICAL SEPARATION. WATER LINE AND STORM DRAIN SHALL MAINTAIN 36" MINIMUM HORIZONTAL SEPARATION TO PREVENT FREEZING. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN SEWER AND WATER LINE.
- CONSTRUCTION SHALL BEGIN ONLY AFTER APPROVED PLANS FROM THE ARKANSAS DEPARTMENT OF HEALTH ARE SUBMITTED TO CWL, AND ALL NECESSARY FEES ARE PAID IN FULL. CONSTRUCTION BY CONTRACTORS SHALL THEN BEGIN ONLY AFTER THE RIGHT OF WAY HAS BEEN CLEARED, THE ENTIRE SECTION STAKED, ELEVATIONS CAREFULLY CHECKED, AND A PRE-CONSTRUCTION MEETING HAS BEEN HELD. A PRE-CONSTRUCTION MEETING WILL BE HELD W/ CONTRACTOR PRESENT TO VERIFY ALL CONSTRUCTION IS ACCEPTABLE TO CWL PRIOR TO THE INSTALLATION OF ELECTRICAL WIRE.
- DEVELOPER MUST SHOW PROOF OF ADEQUATE INSURANCE COVERAGE (ARKANSAS WORKER'S COMPENSATION, \$1,000,000.00 MINIMUM GENERAL LIABILITY, AND \$1,000,000.00 MINIMUM AUTO LIABILITY) CONTRACTOR MUST HAVE A STATE CONTRACTORS LICENSE. CONTRACTOR MUST HAVE A COMPETENT PERSON AT THE JOB SITE AS DEFINED BY OSHA.
- FINAL CLEAN-UP OF THE SITE SHALL INCLUDE THE REMOVAL AND DISPOSAL OFF-SITE OF ALL CONSTRUCTION DEBRIS, AND SURPLUS MATERIALS.
- DURING CONSTRUCTION, WORK SHALL BE INSPECTED BY THE DEVELOPER'S CONSULTING ENGINEER FOR NECESSARY SAFETY PRACTICES, PROPER MATERIALS, AND WORKMANSHIP. CWL WILL PROVIDE RANDOM INSPECTIONS TO ENSURE THAT THE PLANS APPROVED BY THE ARKANSAS DEPARTMENT OF HEALTH AND CWL ARE FOLLOWED CONCERNING WORKMANSHIP AND MATERIALS.
- IF SEWER AND WATER LINES HAVE NOT BEEN ACCEPTED BY CWL WITHIN 360 DAYS AFTER MANHOLE TESTS, LOW PRESSURE AIR TESTS, HYDROSTATIC TESTS AND BACTERIAL TESTS, ALL TESTS WILL BE REQUIRED TO BE REPEATED AND RE-CERTIFIED.
- INSTALLATION OF DOMESTIC WATER METER TAPS ARE REQUIRED TO BE MADE DURING THE INSTALLATION OF THE NEW WATER MAINS.
- OBSTRUCTING DRAINAGE PIPES SHALL BE REMOVED. IF IN SOUND, UNDAMAGED CONDITION, THEY MAY BE CLEANED AND RE-INSTALLED. IF UNSOUND OR DAMAGED, THEY SHALL BE REPLACED WITH THE SAME TYPE OF MATERIAL. WHEN THE ANGLE BETWEEN CENTER LINES OF A DRAINAGE PIPE AND WATER MAIN WILL PERMIT, THE WATER MAIN MAY BE INSTALLED BY TUNNELING, PROVIDED THE DRAINAGE PIPE IS NOT DAMAGED AND THE WATER MAIN IS LAID PROPERLY. AS AN ALTERNATIVE IN THE CASE OF CORRUGATED METAL PIPE, A SECTION MAY BE CUT FROM THE DRAINAGE PIPE, AND RESTORATION ACCOMPLISHED WITH NEW PIPE AND COUPLING BANDS.
- CWL ENGINEERING DEPT. MUST APPROVE ANY WATER OR SEWER LINES THAT WILL BE INSTALLED CLOSER THAN 5' PARALLEL WITH EDGE OF PAVED STREET SURFACE.
- REPAIRS SHALL BE MADE IN ACCORDANCE WITH AWWA. IF VALVE IS CLOSED BY THE CONTRACTOR WITHOUT CWL'S KNOWLEDGE, THE NEW SECTION MUST BE TESTED FOR WATER QUALITY AND FLUSHED. THE CWL INSPECTOR WILL WITHNESS ALL REPAIRS.
- WATER LINE FITTINGS SHALL BE CLASS 350 DUCTILE IRON OR CAST IRON.
- TRENCH DEPTH WILL BE SUCH AS TO ALLOW A MINIMUM COVER OF 42" OVER WATER MAIN.
- LEAKAGE TESTS SHALL BE MADE PRIOR TO STERILIZATION OPERATIONS. THE TEST PERIOD SHALL BE TWO (2) HOURS. TEST PRESSURE SHALL BE 1.5 TIMES THE CALCULATED WORKING PRESSURE OF THE MAIN, BUT NOT LESS THAN 100 PSI. THE LINE WILL NOT BE ACCEPTED UNLESS OR UNTIL THE TOTAL IS LESS THAN THAT SPECIFIED IN AWWA C-600-93 FOR DUCTILE IRON AND AWWA C-605-94 FOR PVC PIPE.
- ALL WATER LINES SHALL BE STERILIZED IN ACCORDANCE WITH AWWA C-661-94 ANY NEW CONSTRUCTION OR REPAIRED WATER MAINS MUST BE THOROUGHLY CLEANED, FLUSHED, DISINFECTED, AND TESTED FOR BACTERIOLOGICAL QUALITY BEFORE IT CAN BE PLACED IN SERVICE. FOLLOWING A CONTACT PERIOD OF NOT LESS THAN 24 HOURS, THE CHLORINATED WATER SHALL BE FLUSHED FROM THE SYSTEM, AND THE SYSTEM FILLED WITH WATER OF NORMAL CHLORINE CONTENT. SAMPLES OF WATER THEN SHALL BE TAKEN ON TWO CONSECUTIVE DAYS FROM THE LINES AND DELIVERED TO THE CWL - LABORATORY FOR BACTERIAL ANALYSIS. THIS PROCESS SHALL BE CONTINUED UNTIL THE SAMPLES SHOW THE WATER IS SAFE FOR DOMESTIC REQUIREMENTS. FLUSHING DEVICES SHOULD BE SIZED TO PROVIDE FLOWS WHICH WILL GIVE A VELOCITY OF AT LEAST 2.5 FEET PER SECOND IN THE WATER MAIN BEING FLUSHED. NO FLUSHING DEVICE SHALL BE DIRECTLY CONNECTED TO ANY SEWER. IF THE LINE HAS SET FOR A ONE MONTH OR LONGER BEFORE FINAL ACCEPTANCE, IT SHALL BE RESTERILIZED, FLUSHED, AND BACTERIAL TESTED.
- THE DEVELOPER AND ENGINEER ARE RESPONSIBLE FOR METER BOX LOCATIONS. ANY CONFLICTS THAT REQUIRE PLASTIC BOX(S) TO BE CHANGED OUT TO CONCRETE BOX(S) WILL BE AT THE EXPENSE OF THE DEVELOPER AND/OR CONTRACTOR.
- IF UNSAFE PRACTICES ARE DISCOVERED BY CWL DURING INSPECTIONS OF WORKMANSHIP AND MATERIALS, CWL WILL NOTIFY OSHA. THIS PROCEDURE IN NO WAY OBLIGATES CWL FOR THE RESPONSIBILITY OF THE CONTRACTOR'S SAFETY PRACTICES.
- DURING CONSTRUCTION, WORK SHALL BE INSPECTED DAILY BY THE ENGINEER OF RECORD FOR PROPER MATERIALS, WORKMANSHIP, AND INSTALLATION IN ACCORDANCE WITH THE APPROVED ARKANSAS DEPARTMENT OF HEALTH AND CITY WATER AND LIGHT APPROVED PLANS.

OPERATING NOTE:

THE OPERATING ROUTINE SHALL INCLUDE NECESSARY PROTECTIVE MEASURES TO DETECT AND REMOVE OR DESTROY ANY CONTAMINANT OF CONCERN OR REGULATION THAT MIGHT ENTER THE DISTRIBUTION SYSTEM. EVERY PRECAUTION MUST BE TAKEN AGAINST THE POSSIBILITY OF SEWAGE CONTAMINATION OF THE WATER IN THE DISTRIBUTION SYSTEM. WATER MAINS AND SANITARY SEWERS SHALL BE CONSTRUCTED AS FAR APART AS PRACTICABLE, AND SHALL BE SEPARATED BY UNDISTURBED AND COMPACTED EARTH. A MINIMUM HORIZONTAL DISTANCE OF 10' SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINE OR OTHER SOURCES OF CONTAMINATION. WATER LINES AND SEWER SHALL NOT BE LAID IN THE SAME TRENCH EXCEPT OF THE WRITTEN APPROVAL OF THE ARKANSAS DEPARTMENT OF HEALTH. WATER MAINS NECESSARILY CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF THE WATERLINE WILL BE AT LEAST 18" ABOVE THE TOP OF THE SEWER LINE AT ITS HIGHEST POINT. IF THIS DISTANCE MUST UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN A WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST 10' EITHER SIDE OF THE CROSSING. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTRAINED. THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATER OR SEWER UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BETWEEN THE SEWER LINE, AT LEAST 18" OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENTS. EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE ARKANSAS DEPARTMENT OF HEALTH. A MINIMUM HORIZONTAL DISTANCE OF 3' SHALL BE MAINTAINED BETWEEN WATER LINES AND OTHER UNDERGROUND UTILITIES OF A NON-SANITARY NATURE (GAS, ELECTRIC, ETC.), EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE ARKANSAS DEPARTMENT OF HEALTH AND HUMAN SERVICES.

TRENCH SETTLEMENT NOTE:

CITY WATER & LIGHT IS NOT RESPONSIBLE FOR ANY SETTLEMENT OVER WATER & SEWER TRENCHES THAT OCCURS BEFORE OR AFTER THE WARRANTY PERIOD.

WATER METER NOTE:

WATER METERS ARE SHOWN PICTORIAL ONLY.
 WATER METERS SHALL BE LOCATED AT THE RIGHT OF WAY APPROXIMATELY AT THE CENTER OF THE LOT.
 THERE SHOULD BE A MINIMUM OF 10 FEET SEPARATION BETWEEN WATER METERS AND SANITARY SEWER SERVICES.

WATER CONNECTION NOTE:

CONTRACTOR SHALL NOT INITIATE TIE IN CONNECTION TO EXISTING WATER MAIN AFTER 3 P.M. DURING NORMAL WORKING DAYS OR ON FRIDAY AFTER 12 P.M., UNLESS APPROVED BY CITY WATER & LIGHT ENGINEERING DEPT.
 CONTRACTOR SHALL NOTIFY CWL INSPECTOR OF TENTATIVE TIME FRAME FOR CONNECTION 24 HOURS PRIOR TO ACTIVITY.

ALL SEWER WYES SHALL BE A MINIMUM OF 10' FOOT AWAY FROM PROPERTY CORNERS.

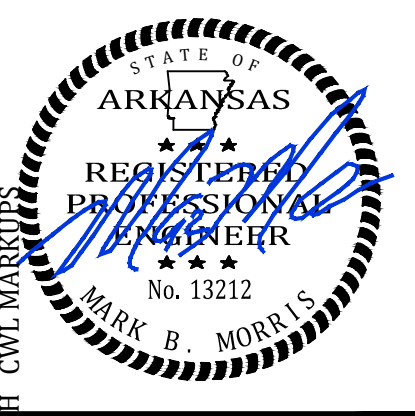
ELECTRICAL CONDUIT NOTE:
 ALL ELECTRICAL CONDUIT SHALL HAVE A MINIMUM 48" OF COVER BELOW FINISHED GRADE.

NO TRANSFORMER, JUNCTION BOX, OR PULL BOX TO BE PLACED OVER WATER FITTINGS WITHOUT CITY WATER AND LIGHT APPROVAL.

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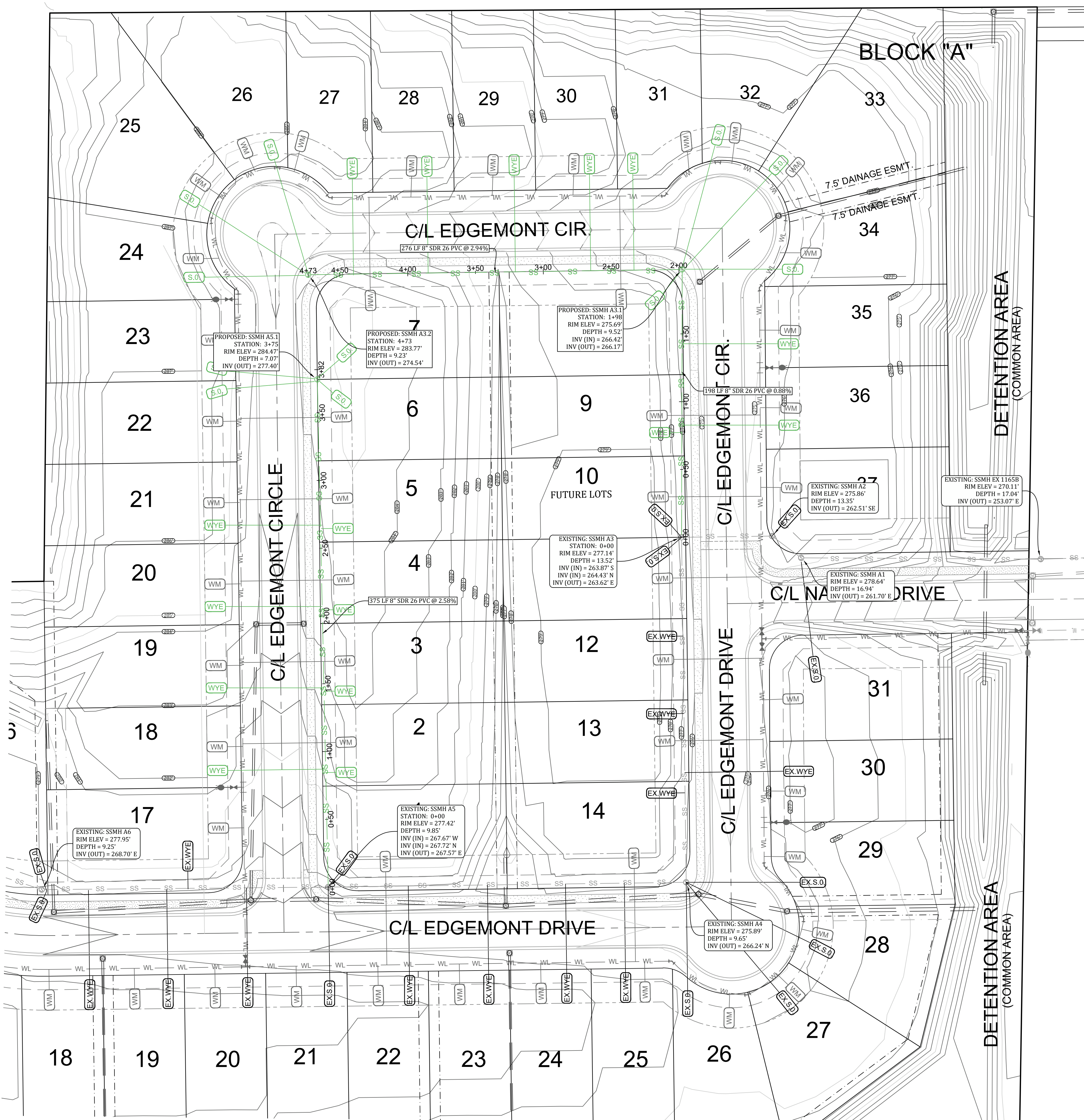
EDGEMONT PARK PHASE II WATER PLAN



REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.
 DRAWN BY: JMH
 DATE: 9/6/2022
 SCALE: 1"=50'

SHEET NUMBER:
WT-1



LEGEND

	CURB		STORM DRAIN INLET
	SIDEWALK		STORM DRAIN PIPE
	CORRIDOR CROSS SECTION LINE		SANITARY SEWER
	WATER LINE		SEWER MANHOLE
	WATER METER		SEWER WYE
	FIRE HYDRANT		SEWER STUB-OUT
	GATE VALVE		EX. SEWER WYE
	BLOW-OFF ASSEMBLY		EX. SEWER STUB-OUT
	SEWER STUB-OUT		

NOTE: SYMBOLS REPRESENTED IN LEGEND MAY NOT ALL BE INCLUDED ON THIS SHEET
"RESPECTIVE SYMBOLS REPRESENTED IN PLAN VIEW ARE NOT TO SCALE"

TOTAL SEWERLINE QUANTITIES:
 849 LF - 8" SDR 26 PVC
 5- SHORT LATERALS
 11- LONG LATERALS
 3- SHORT STUB-OUTS
 8- LONG STUB-OUT

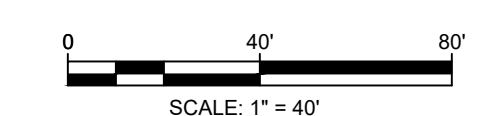
SANITARY SEWER NOTES:

- CONTRACTOR SHALL PROVIDE WYES OR STUBOUTS FOR EACH LOT. THEY SHALL BE PLACED ON THE LOW ELEVATION SIDE OF LOT OR IN THE CENTER OF THE LOT IF THE ELEVATION IS FLAT.
- CONTRACTOR SHALL PROVIDE ENGINEER W/ "AS-BUILT" DIMENSIONS FOR WYE'S, VALVES, TEES, BENDS, FIRE HYDRANTS, & WATER METERS.
- CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS FOR ALL SEWER, WATER, & ELECTRICAL LINE LATERALS & PROVIDE LABOR & MATERIAL TO BACKFILL ALL SEWER, WATER & ELECTRICAL STREET CUTS WITH SANDY MATERIAL (P.I. <15) TO TOP OF EXCAVATION & COMPACT FILL TO 95% COMPACTION & PROVIDE COMPACTION TESTS AT 2' INTERVALS. CONTRACTOR SHALL PROVIDE LABOR AND MATERIAL FOR ALL SEWER & WATER LINE MAINS THAT CROSS A STREET AND BACKFILL THEM WITH SANDY (P.I. <15) TO TOP OF EXCAVATION & COMPACT FILL TO 95% COMPACTION & PROVIDE MATERIAL COMPACTION TESTS AT 2' INTERVALS.
- CONTRACTOR SHALL CALL ARK ONE CALL FOR LOCATES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY ENGINEER TO DETERMINE ELEVATIONS FOR MANHOLE WHERE IT CROSSES PROPOSED STORM DRAINS, WATER METER BOX ELEVATIONS, VALVE BOX ELEVATIONS, AND FIRE HYDRANT ELEVATIONS, AND WATER LINE LOCATION AROUND INLETS. WATER LINE SHALL BE INSTALLED AT AN ELEVATION WHERE HYDRANTS ARE LOCATED TO ENSURE HYDRANT WILL BE AT PROPER HEIGHT WHEN FINISHED GRADE HAS BEEN OBTAINED.
- CONTRACTOR SHALL PROVIDE OWNER WITH ONE YEAR WARRANTY FOR MATERIALS AND WORKMANSHIP.
- CONTRACTOR SHALL PROVIDE ENGINEER WITH LIEN RELEASES FOR MATERIALS AND LABOR, BACTERIAL SAMPLE RESULTS, AND MODEL & YEAR OF WATER LINE VALVES WITHIN 30 DAYS OF COMPLETION OF WORK.
- CONTRACTOR SHALL DRESS UP PROJECT AFTER INSTALLATION TO THE CONDITION IT AS PRIOR TO BEGINNING CONSTRUCTION. MOUND BACKFILL OVER TRENCHES 1' TO 2' TO ALLOW FOR SETTLING IN AREAS OUT OF THE STREET.
- ALL STREET EXCAVATION MATERIAL SHALL BE DISPOSED OF BY CONTRACTOR ON THE ADJACENT LOTS OR AS DIRECTED BY OWNER.
- CONTRACTOR SHALL REVIEW DETAIL SHEETS TO ENSURE PROPER INSTALLATION OF VALVES, FIRE HYDRANTS, CONCRETE BLOCKING, SERVICE LINES, MANHOLE INVERTS, AND DROP ASSEMBLIES.
- ALL SEWER LINES SHALL BE ASTM 2241 SDR-26.
- WATER LINE AND SANITARY SEWER LINE SHALL MAINTAIN 18" MINIMUM SEPARATION. WATER LINE AND STORM DRAIN SHALL MAINTAIN 36" MINIMUM SEPARATION TO PREVENT FREEZING. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN SEWER AND WATER LINE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18" OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENTS.
- CONSTRUCTION SHALL BEGIN ONLY AFTER APPROVED PLANS FROM THE ARKANSAS DEPARTMENT OF HEALTH ARE SUBMITTED TO CWL, AND ALL NECESSARY FEES ARE PAID IN FULL. CONSTRUCTION BY CONTRACTORS SHALL THEN BEGIN ONLY AFTER THE RIGHT OF WAY HAS BEEN CLEARED, THE ENTIRE SECTION STAKED, THE ELEVATIONS CAREFULLY CHECKED, AND A PRE-CONSTRUCTION MEETING HAS BEEN HELD. A POST CONSTRUCTION MEETING WILL BE HELD W/ CONTRACTOR PRESENT TO VERIFY ALL CONSTRUCTION IS ACCEPTABLE TO CWL PRIOR TO THE INSTALLATION OF ELECTRICAL WIRE.
- DEVELOPER MUST SHOW PROOF OF ADEQUATE INSURANCE COVERAGE. (ARKANSAS WORKER'S COMPENSATION, \$1,000,000.00 MINIMUM GENERAL LIABILITY, AND \$1,000,000.00 MINIMUM AUTO LIABILITY.) CONTRACTOR MUST HAVE A STATE CONTRACTORS LICENSE. CONTRACTOR MUST HAVE A COMPETENT PERSON AT THE JOB SITE AS DEFINED BY OSHA.
- DURING CONSTRUCTION, WORK SHALL BE INSPECTED BY THE DEVELOPER'S CONSULTING ENGINEER FOR NECESSARY SAFETY PRACTICES, PROPER MATERIALS, AND WORKMANSHIP. CWL WILL PROVIDE RANDOM INSPECTIONS TO ENSURE THAT THE PLANS APPROVED BY THE ARKANSAS DEPARTMENT OF HEALTH AND CWL ARE FOLLOWED CONCERNING WORKMANSHIP AND MATERIALS.
- IF SEWER AND WATER LINES HAVE NOT BEEN ACCEPTED BY CWL WITHIN 360 DAYS AFTER MANDREL TESTS, LOW PRESSURE AIR TESTS, HYDROSTATIC TESTS AND BACTERIAL TESTS, ALL TESTS WILL BE REQUIRED TO BE REPEATED AND RE-CERTIFIED.
- CWL ENGINEERING DEPT. MUST APPROVE ANY WATER OR SEWER LINES THAT WILL BE INSTALLED CLOSER THAN 5' PARALLEL WITH EDGE OF PAVED STREET SURFACE.
- REPAIRS SHALL BE MADE IN ACCORDANCE WITH AWWA.
- ALL SEWER WYES & STUBOUTS SHALL BE EXTENDED ACROSS STREETS TO THE APPROPRIATE LOT LINES. CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL LOTS HAVE A SEWER SERVICE.

TRENCH SETTLEMENT NOTE:
 CITY WATER & LIGHT IS NOT RESPONSIBLE FOR ANY SETTLEMENT OVER WATER & SEWER TRENCHES THAT OCCURS BEFORE OR AFTER THE WARRANTY PERIOD.

ALL SEWER WYES SHALL BE A MINIMUM OF 10' FOOT AWAY FROM PROPERTY CORNERS.

NOTE: IF UNSAFE PRACTICES ARE DISCOVERED BY CWL DURING OUR INSPECTIONS OF WORKMANSHIP AND MATERIALS, CWL WILL NOTIFY THE OSHA. THIS NO WAY OBLIGATES CWL FOR THE RESPONSIBILITY OF THE CONTRACTORS SAFETY PRACTICES.



Know what's below.
Call before you dig.

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EDGEMONT PARK PHASE II
 SEWER PLAN



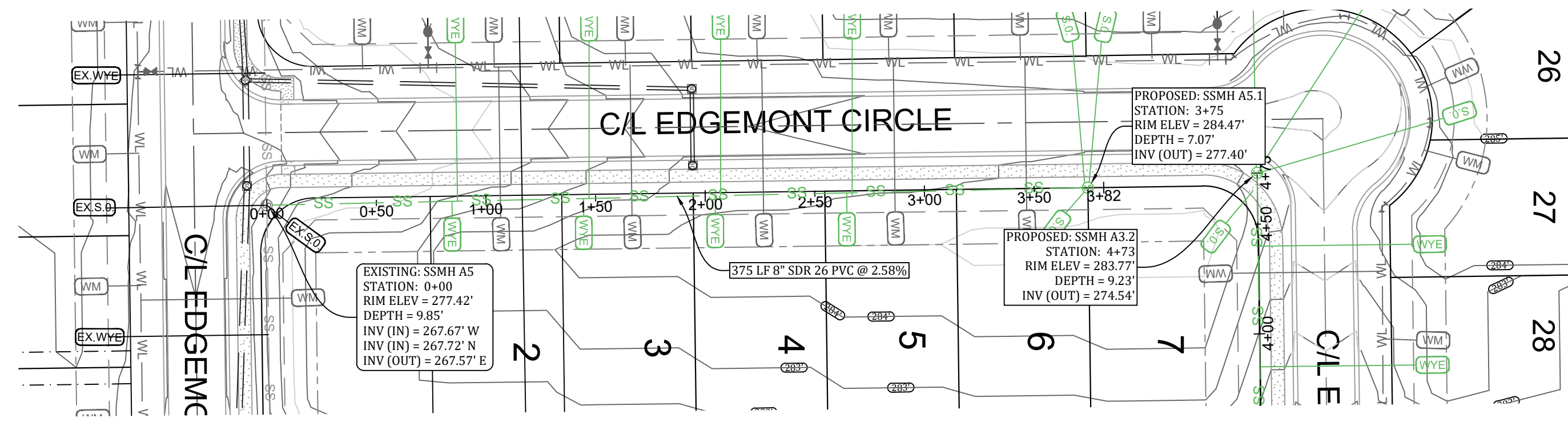
REVISIONS

DATE	BY	DESCRIPTION

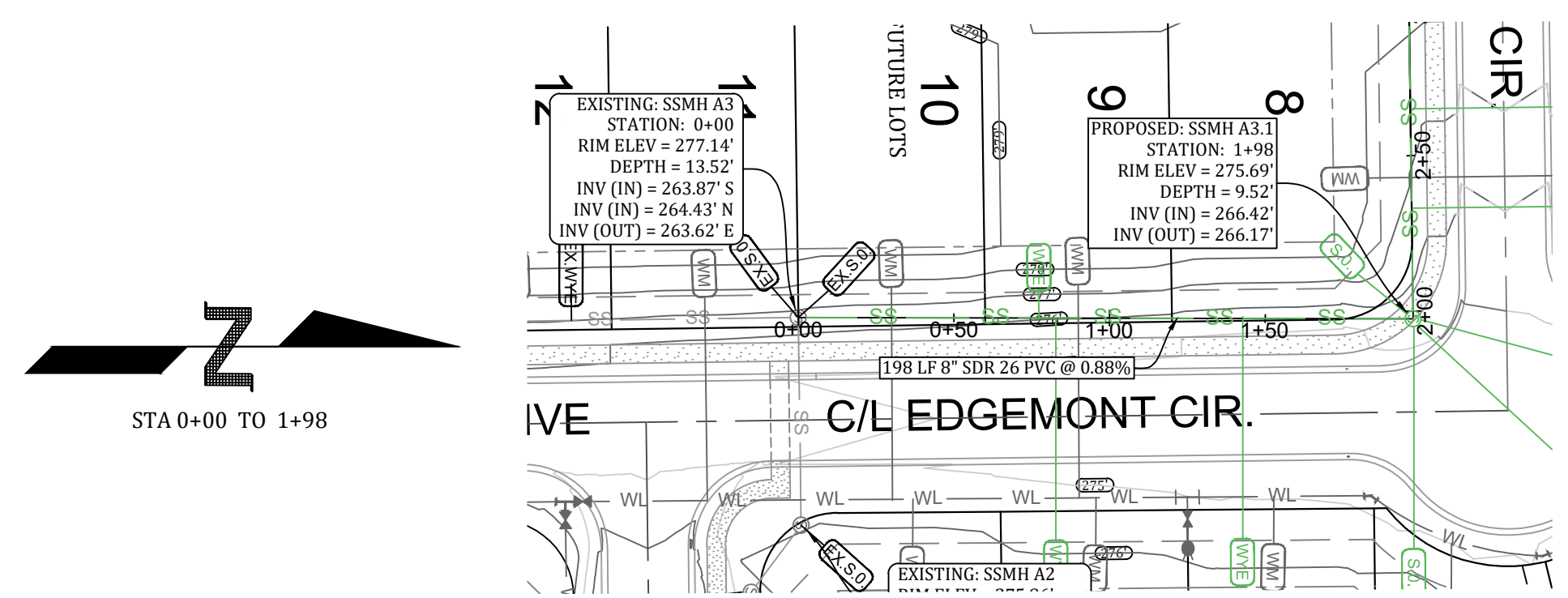
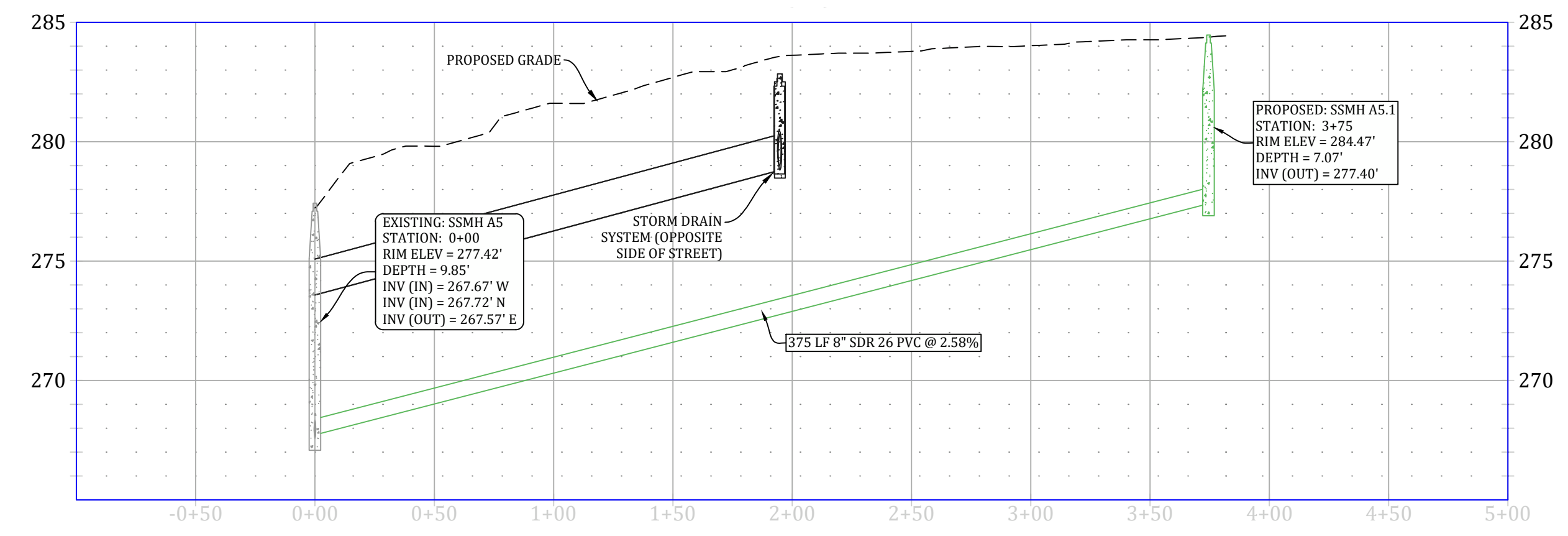
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 DATE: 9/6/2022
 SCALE: 1"=40'

SHEET NUMBER:
SW-1

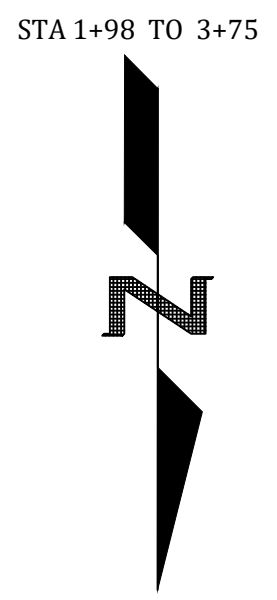
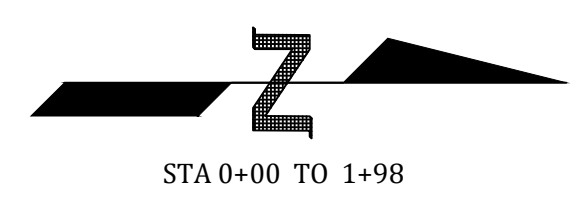
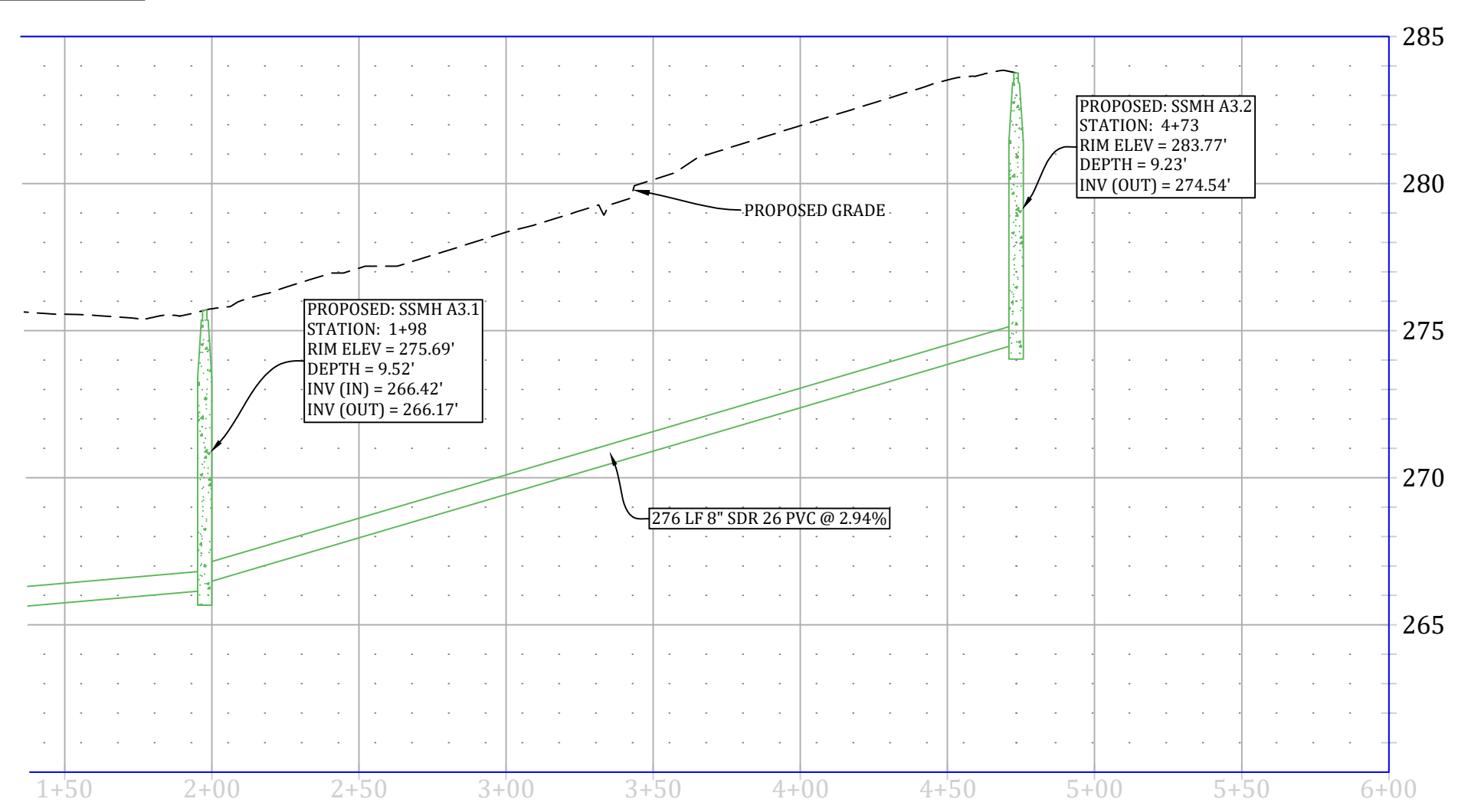
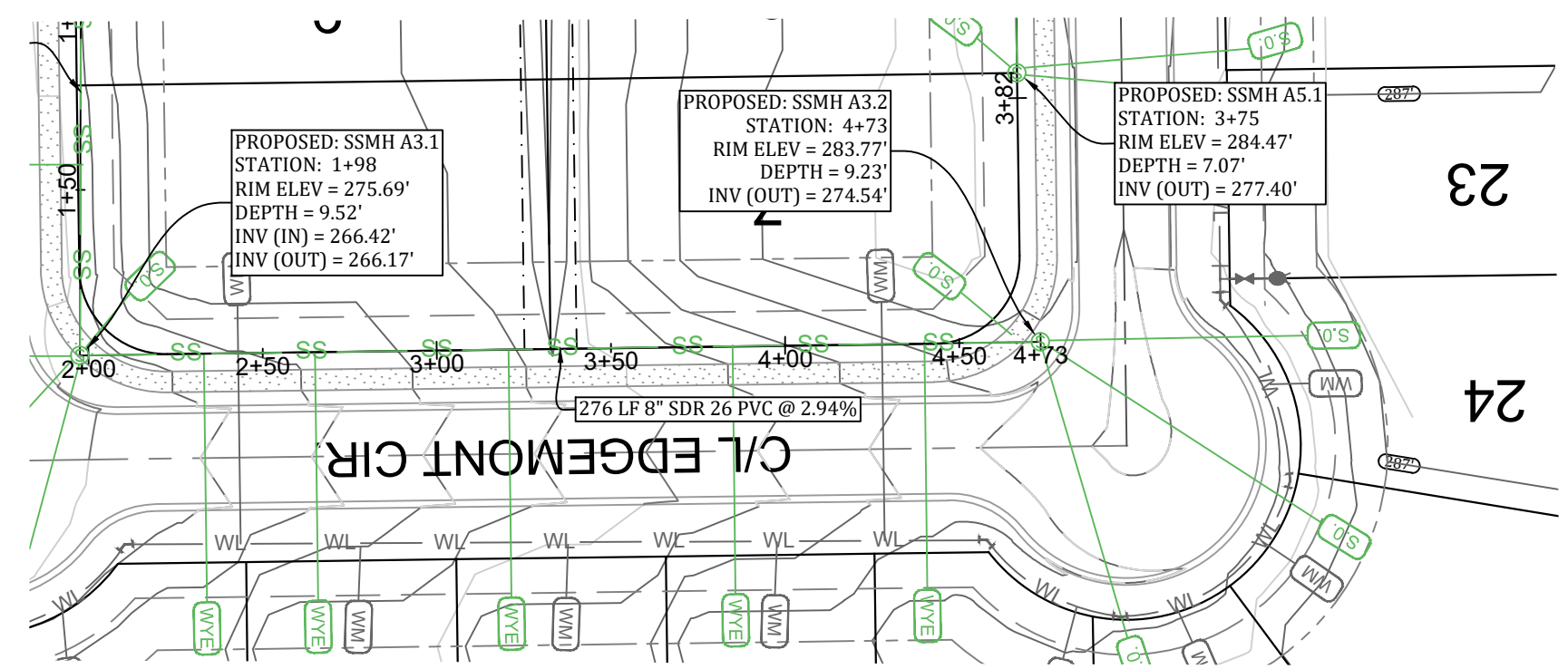
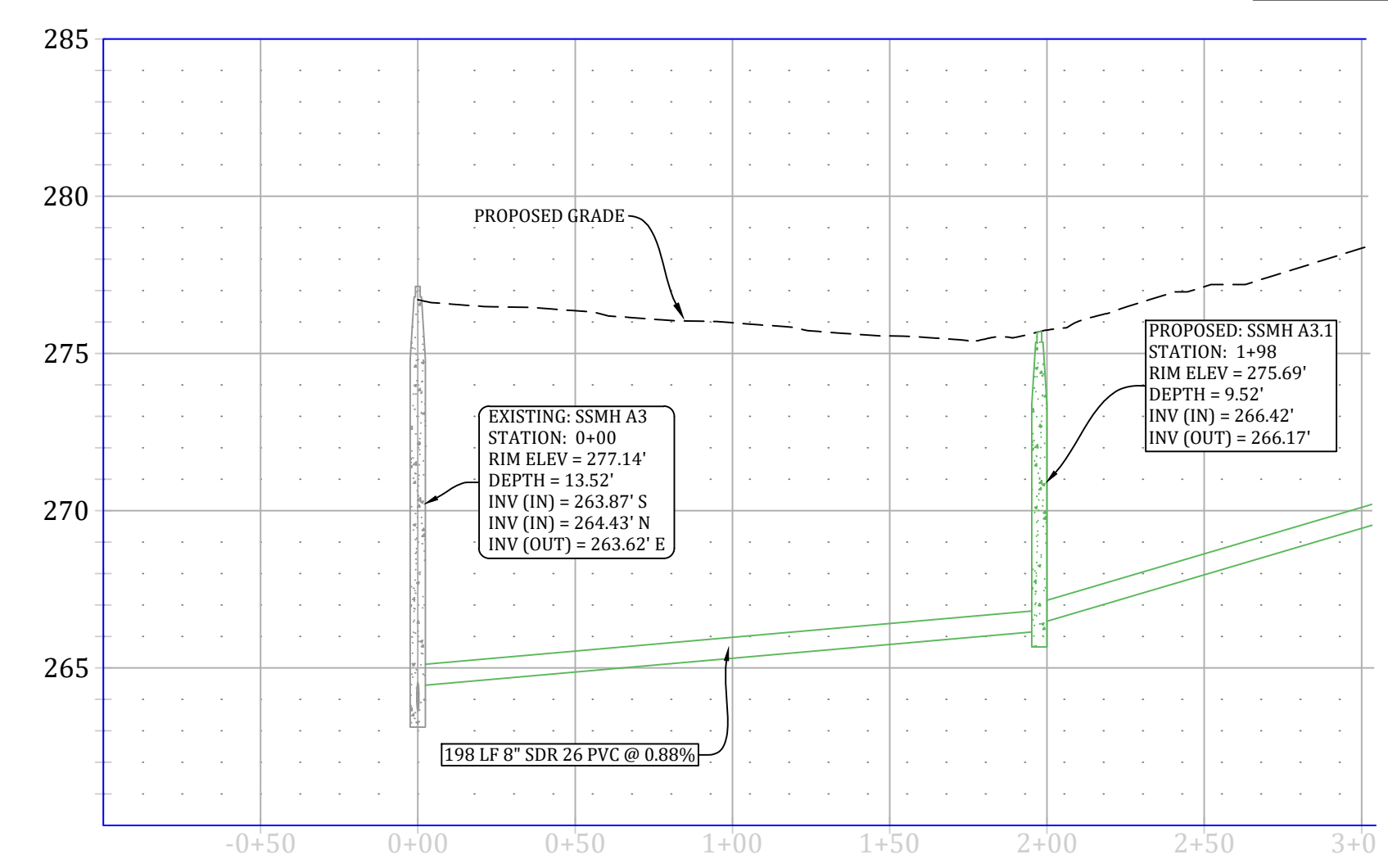




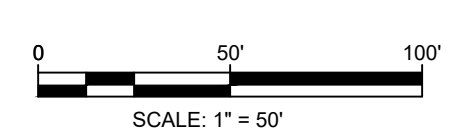
SEWER A5 PROFILE



SEWER A3 PROFILE



VERTICAL SCALE 1:5
HORIZONTAL SCALE 1:50



EDGEMONT PARK PHASE II
SEWER PLAN & PROFILE



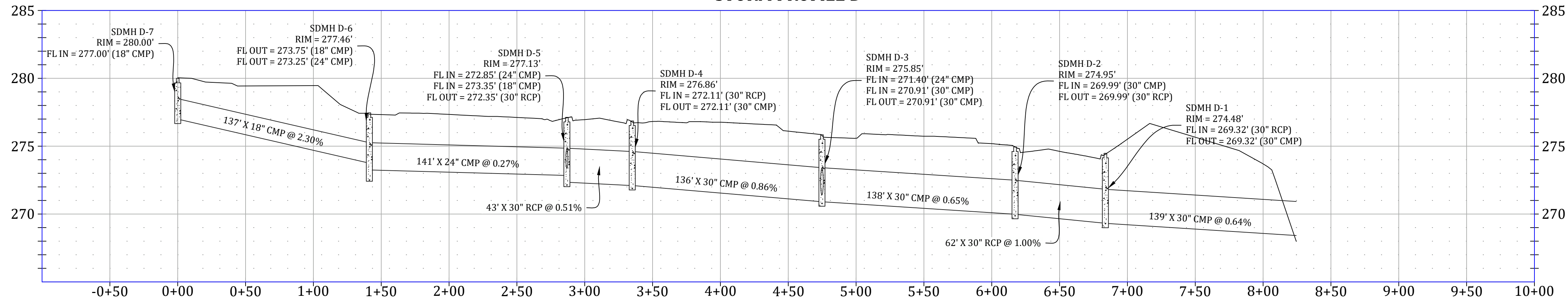
REVISIONS		
DATE	BY	DESCRIPTION

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DRAWN BY:	JMH
DATE:	9/6/2022
SCALE:	1"=50'

SHEET NUMBER:
SW-2

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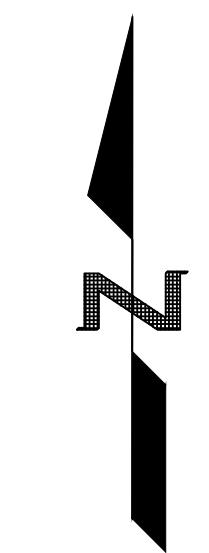
STORM PROFILE D



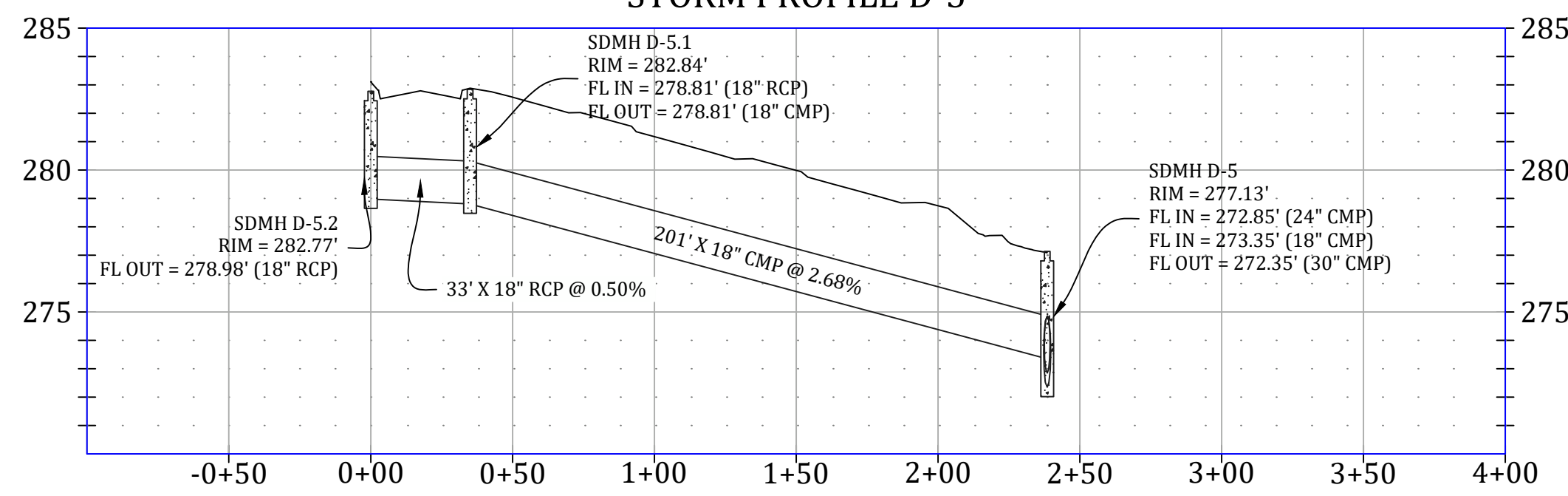
LEGEND

	CURB		STORM DRAIN INLET
	SIDEWALK		STORM DRAIN PIPE
	CORRIDOR CROSS SECTION LINE		SANITARY SEWER
	WATER LINE		SEWER MANHOLE
	WATER METER		SEWER WYE
	FIRE HYDRANT		SEWER STUB-OUT
	BLOW-OFF ASSEMBLY		EX. SEWER WYE
	GATE VALVE		EX. SEWER STUB-OUT

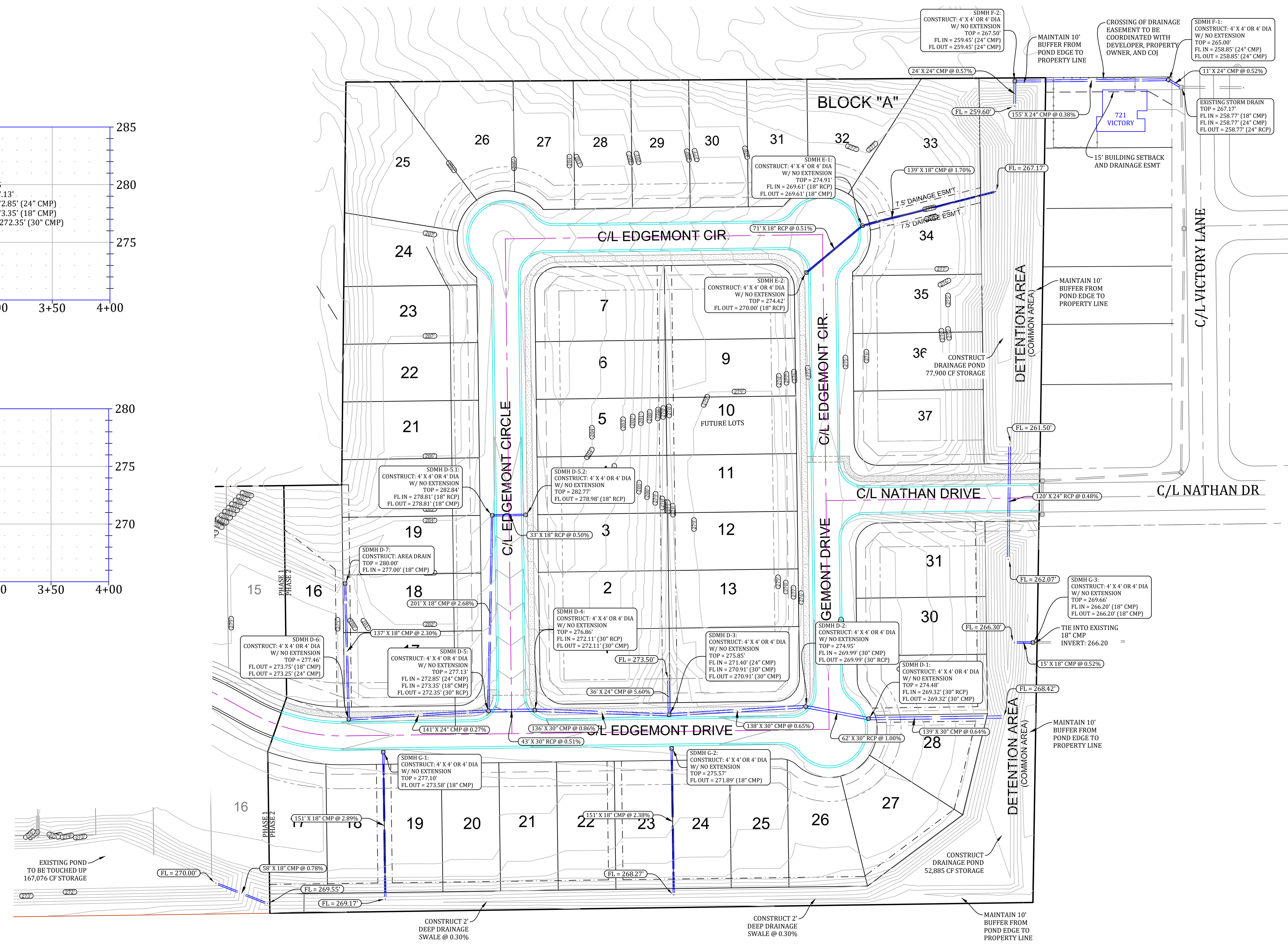
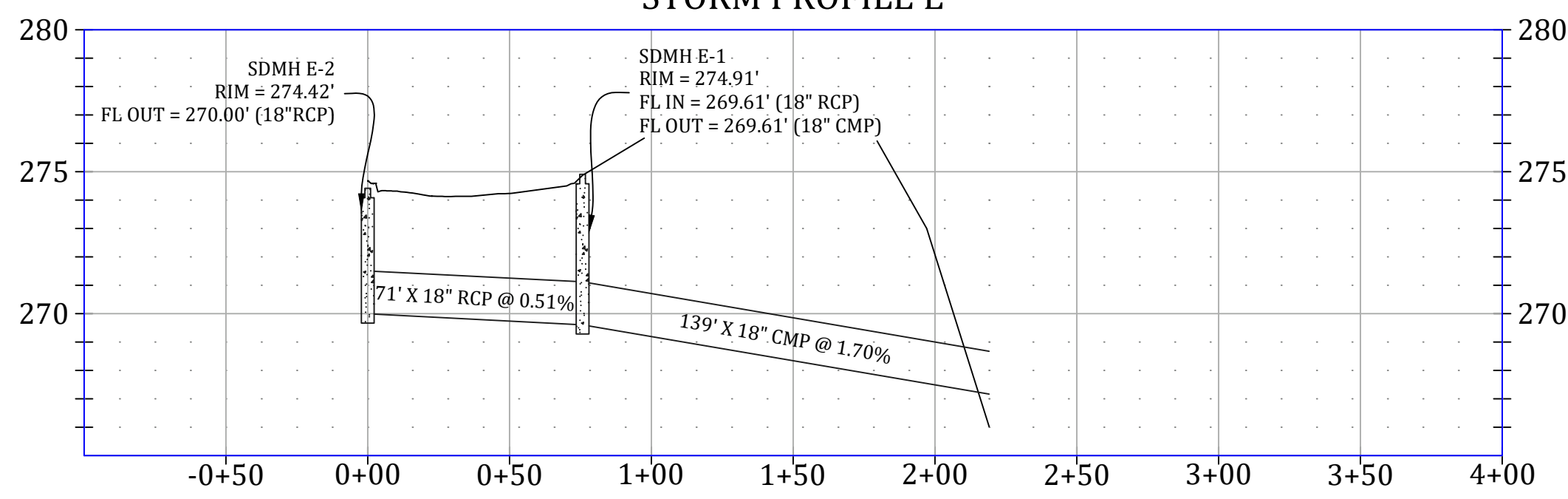
NOTE: SYMBOLS REPRESENTED IN LEGEND MAY NOT ALL BE INCLUDED ON THIS SHEET
RESPECTIVE SYMBOLS REPRESENTED IN PLAN VIEW ARE NOT TO SCALE.



STORM PROFILE D-5



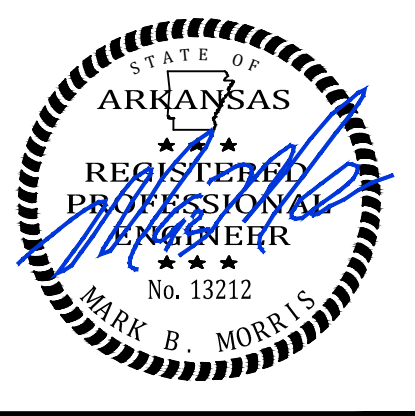
STORM PROFILE E



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EDGEMONT PARK PHASE II
GRADING & DRAINAGE

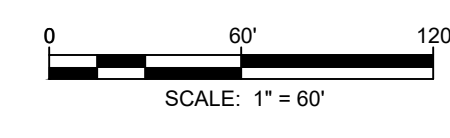


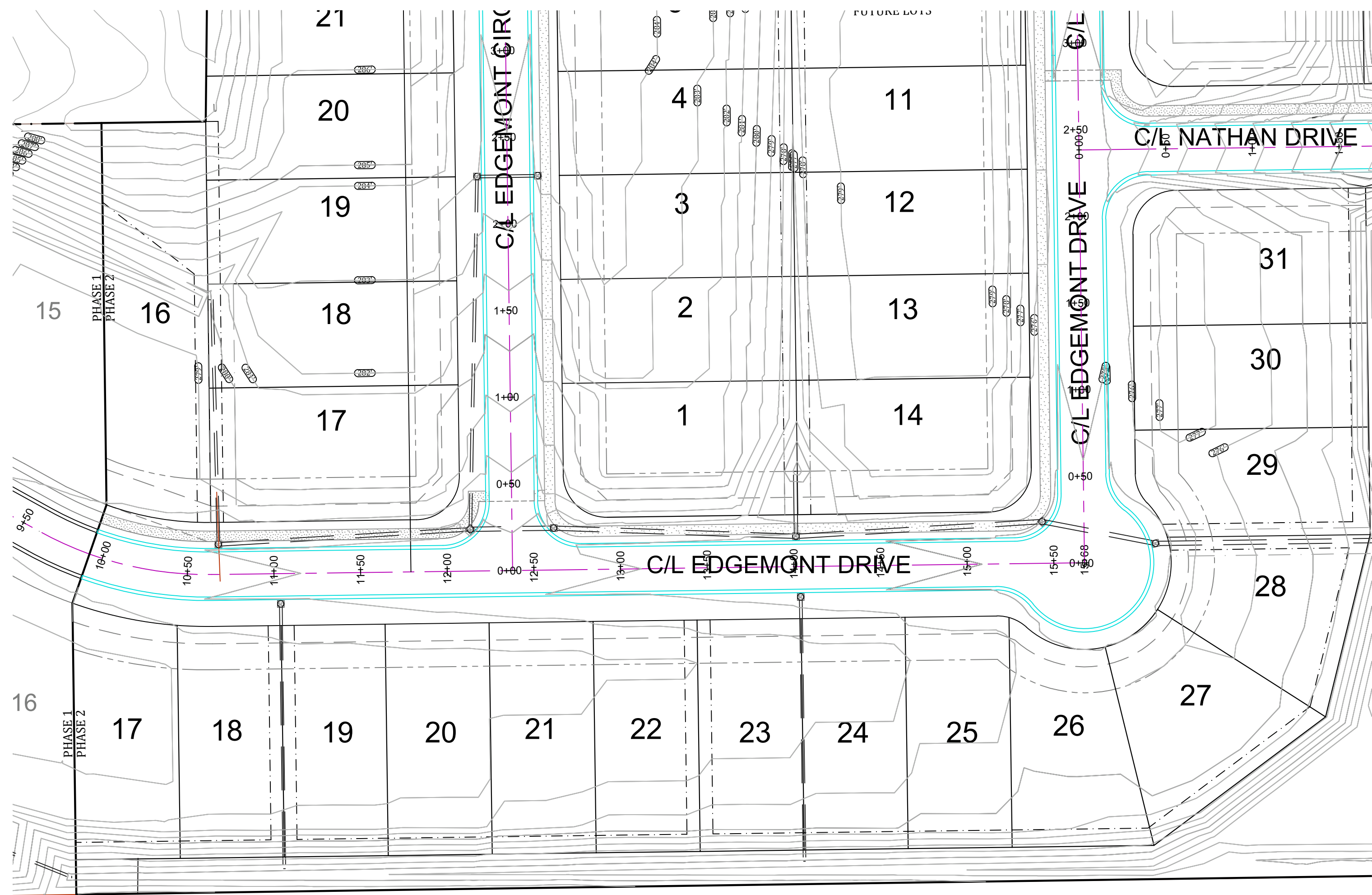
REVISIONS

DATE	BY	DESCRIPTION

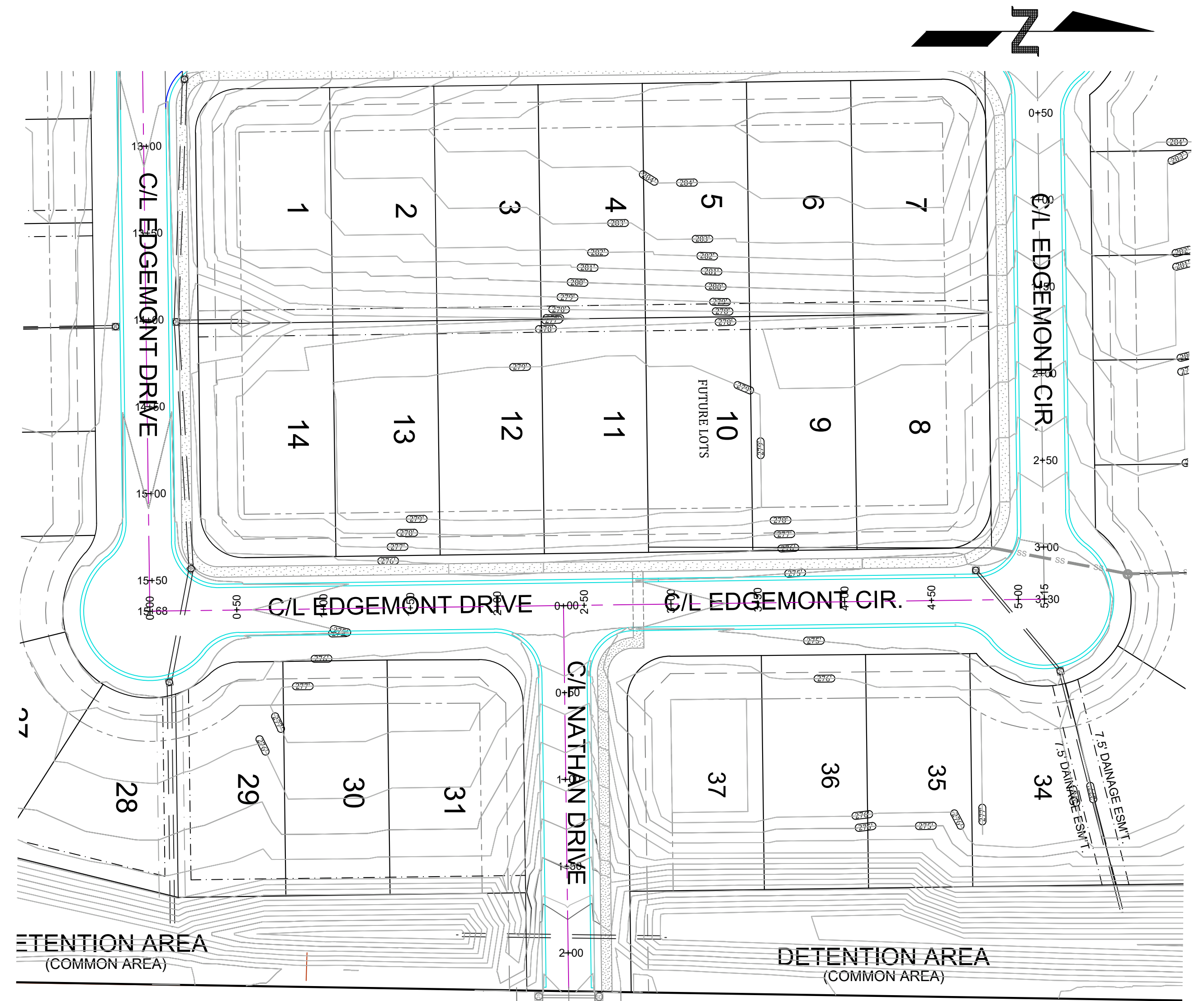
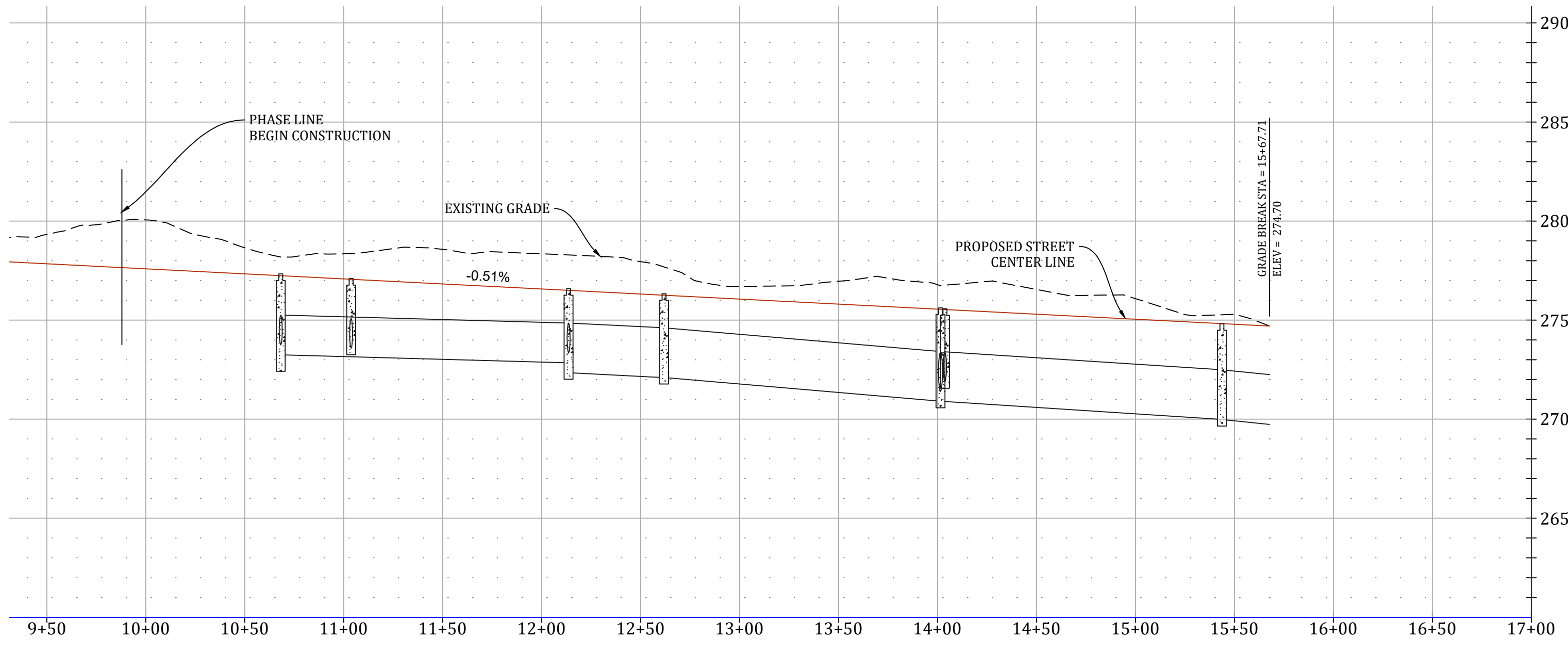
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DATE: 9/6/2022
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SHEET NUMBER:
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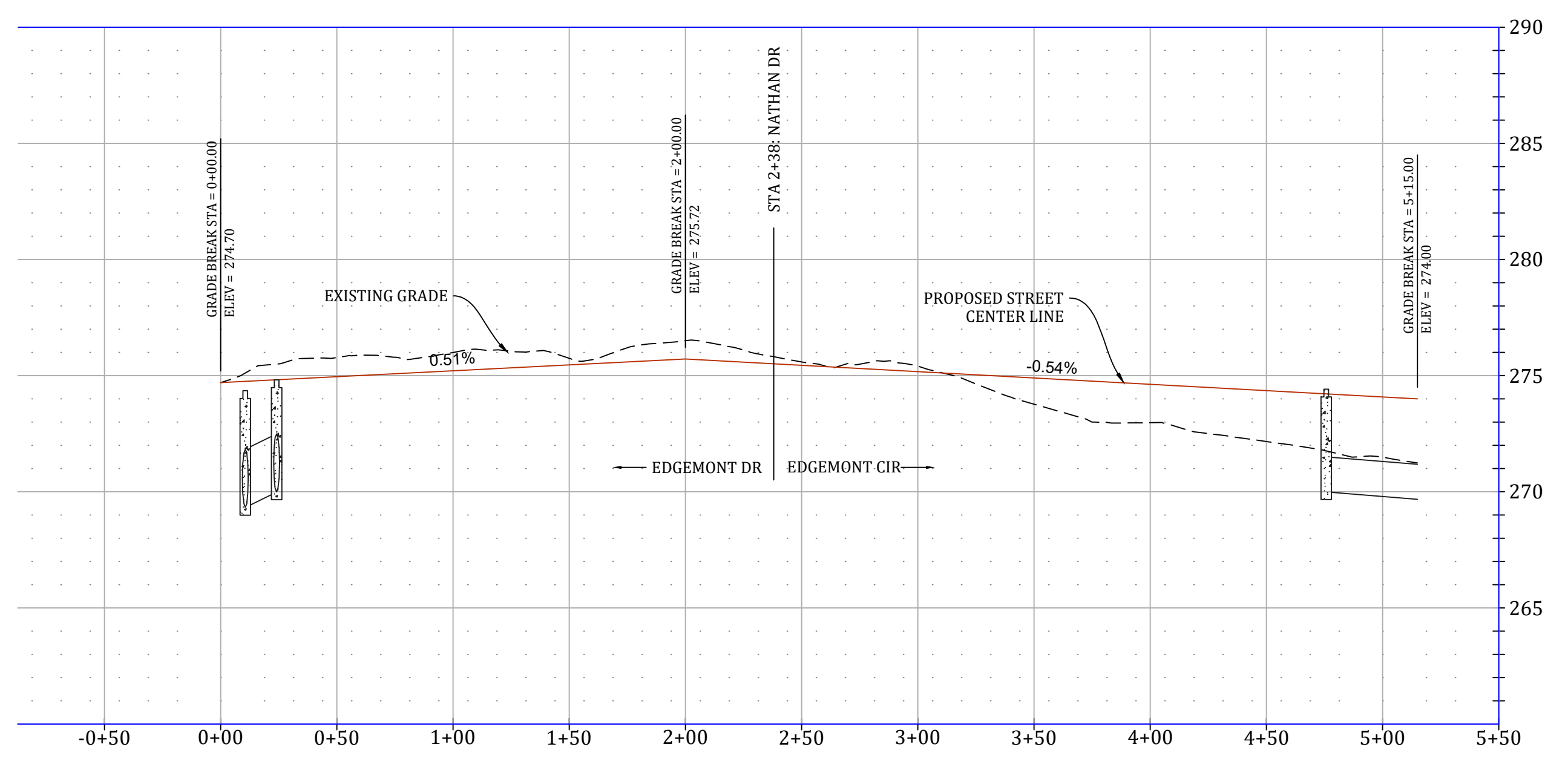




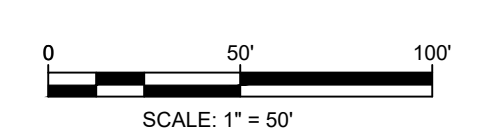
EDGEMONT DRIVE PROFILE



EDGEMONT DRIVE/EDGEMONT CIRCLE PROFILE



VERTICAL SCALE 1:5
HORIZONTAL SCALE 1:50



EDGEMONT PARK PHASE II
STREET PLAN & PROFILE

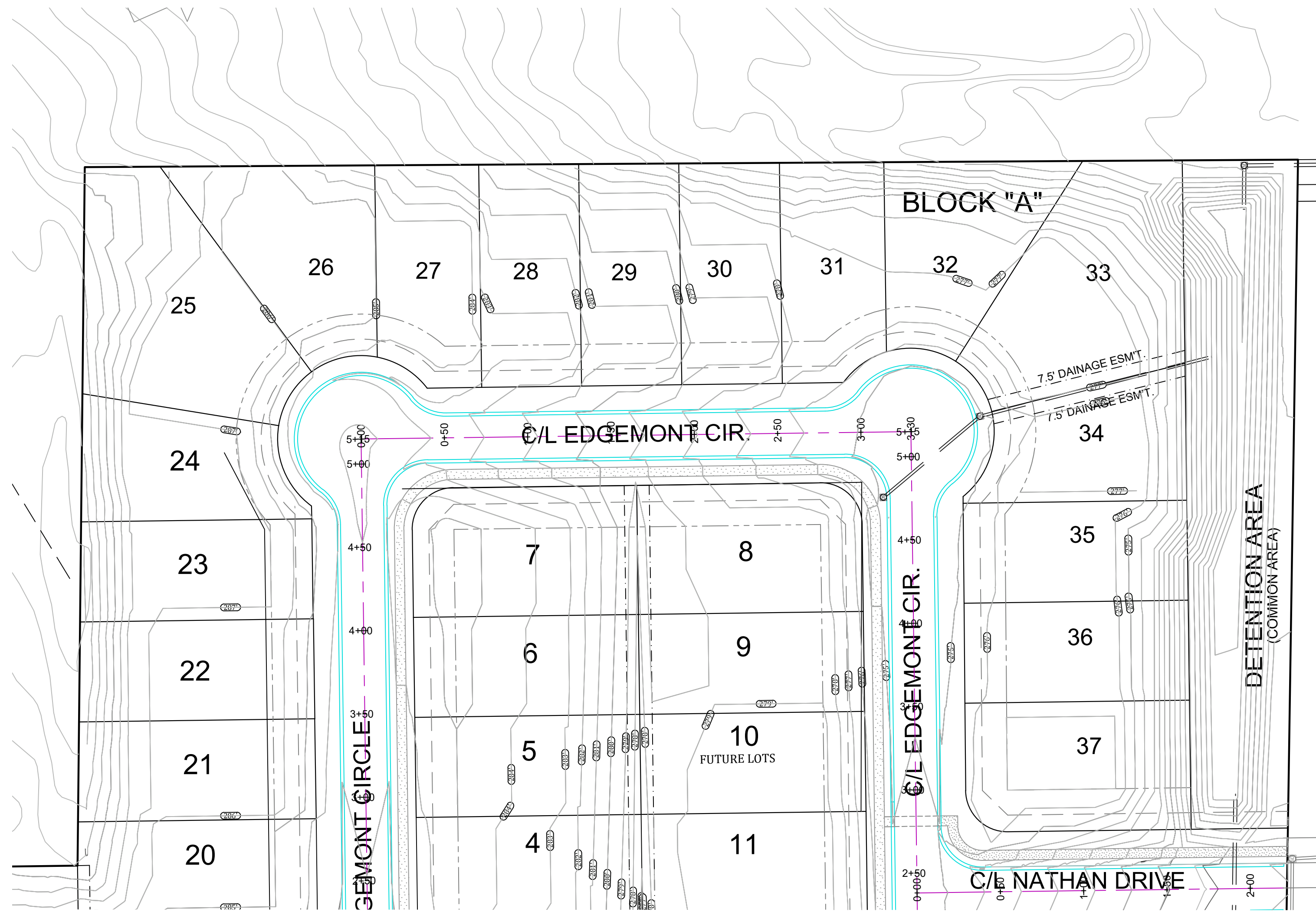
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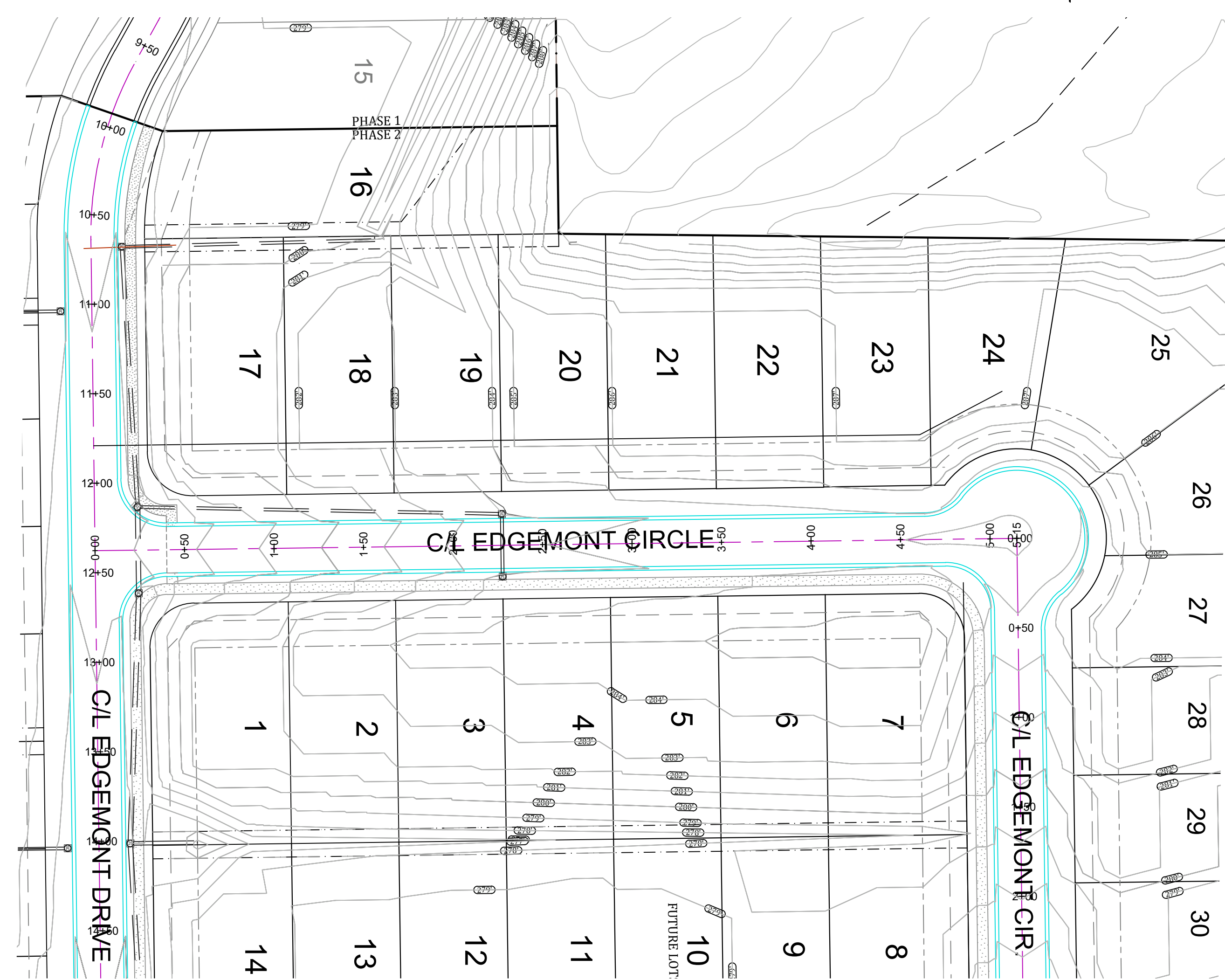
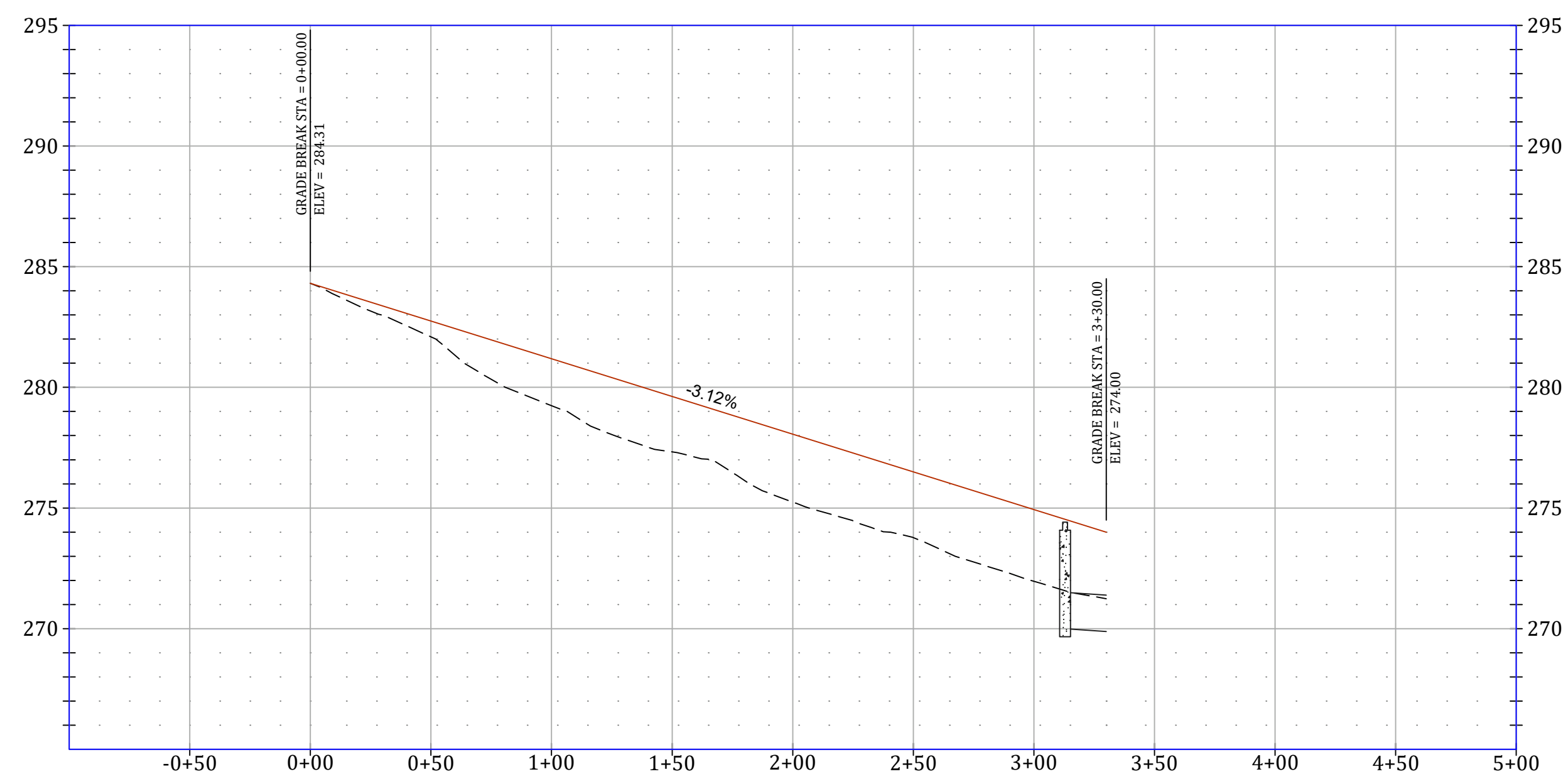
REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.
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DATE: 9/6/2022
SCALE: 1"=50'

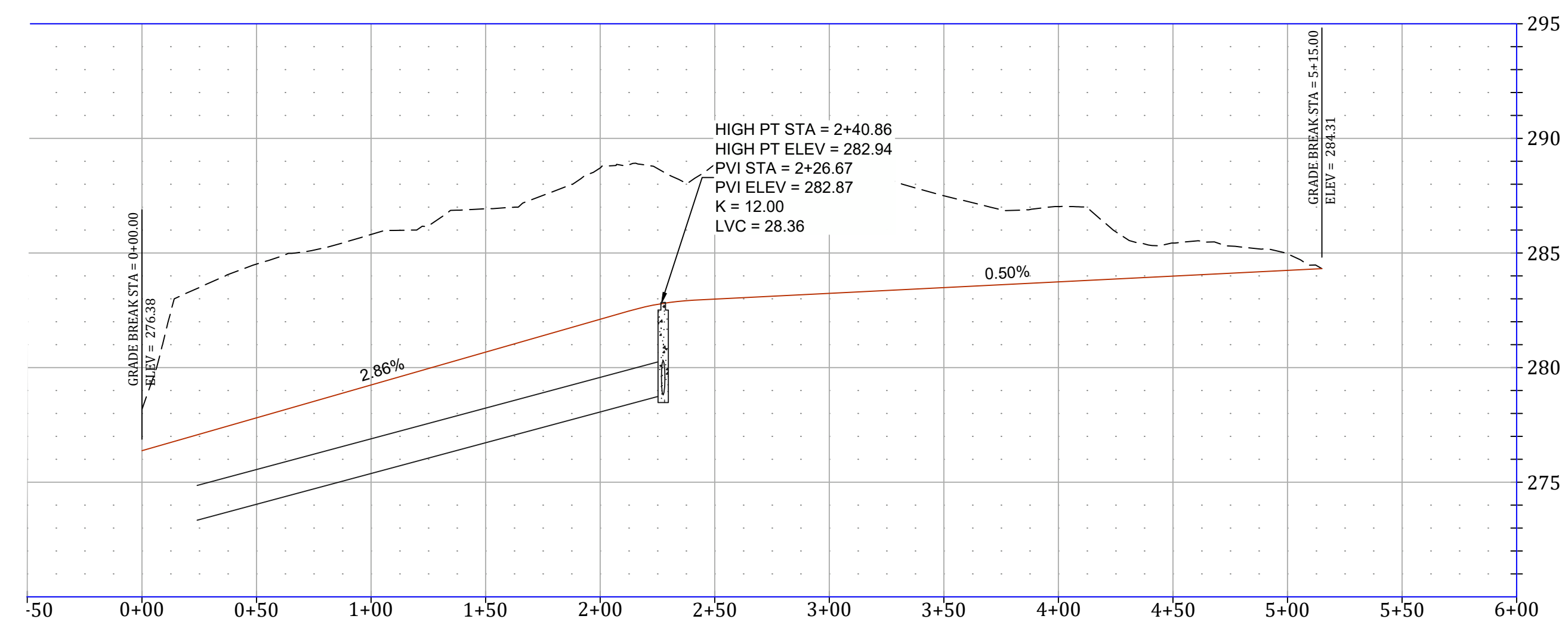
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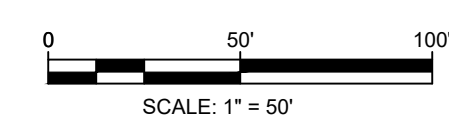
EDGEMONT CIRCLE PROFILE



EDGEMONT CIRCLE PROFILE



VERTICAL SCALE 1:5
HORIZONTAL SCALE 1:50



EDGEMONT PARK PHASE II
STREET PLAN & PROFILE



REVISIONS		
DATE	BY	DESCRIPTION

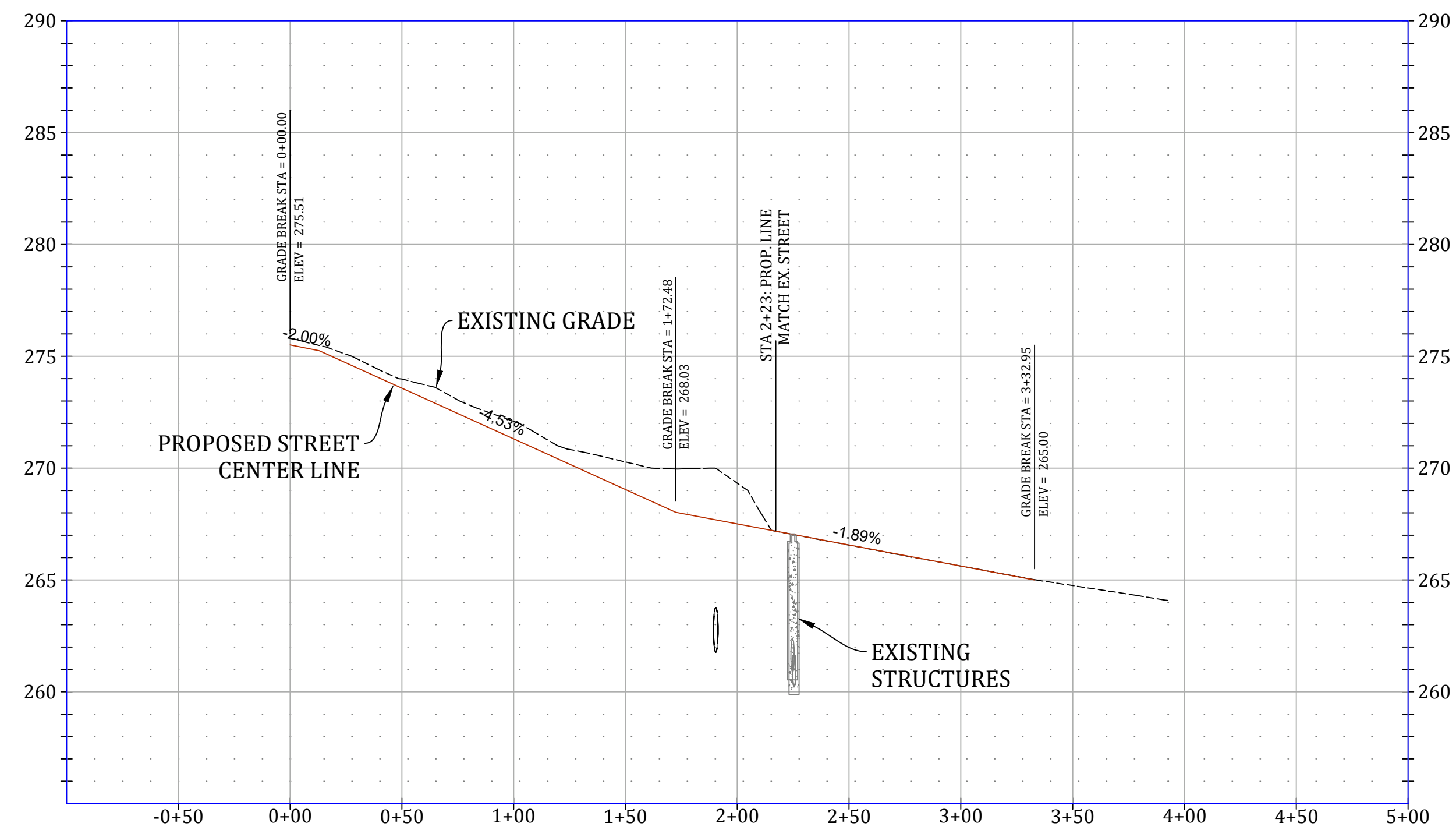
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DRAWN BY:	JMH
DATE:	9/6/2022
SCALE:	1"=50'

SHEET NUMBER:
ST-2

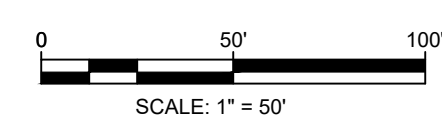
MARK MORRIS
 MARK MORRIS P.E.
 3221 SHELBY DRIVE
 JONESBORO, AR 72404
 PH: 1-870-919-7700
 MARK.B.MORRIS@YAHOO.COM



NATHAN DRIVE PROFILE



VERTICAL SCALE 1:5
HORIZONTAL SCALE 1:50



EDGEMONT PARK PHASE II

STREET PLAN & PROFILE



REVISIONS		
DATE	BY	DESCRIPTION

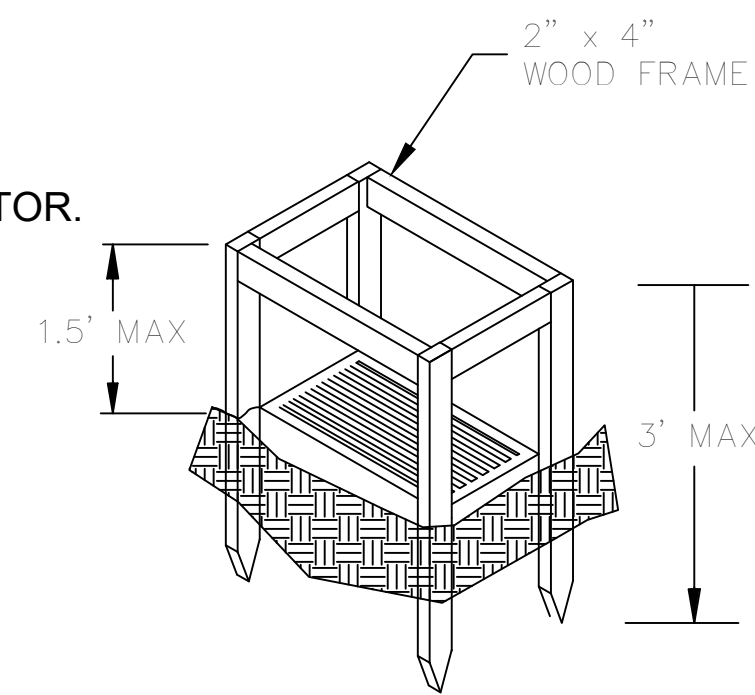
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SHEET NUMBER:
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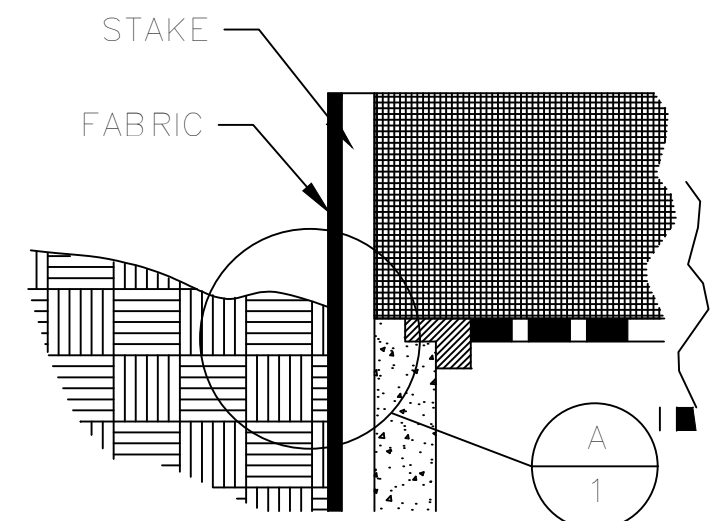
MARK MORRIS P.E.
3221 SHELBY DRIVE
JONESBORO, AR 72404
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MARK.B.MORRIS@YAHOO.COM

MARK MORRIS

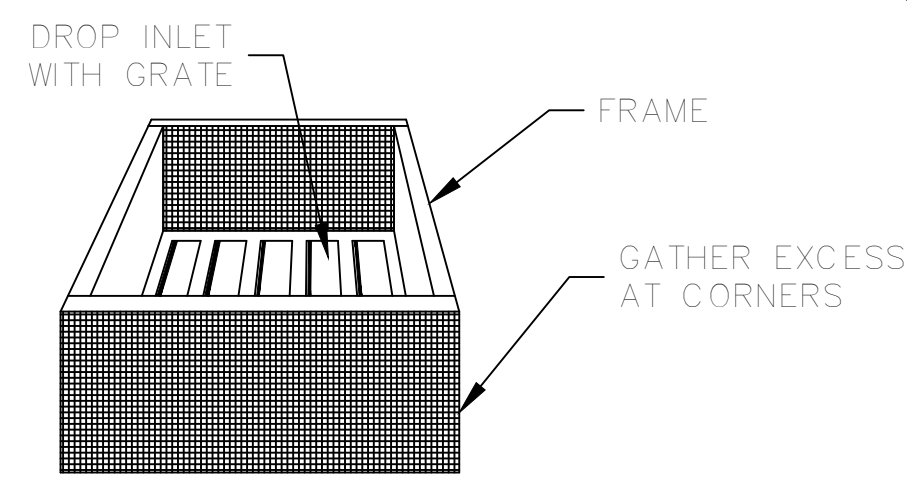
ALTERNATE INSTALLATION:
FIBER ROLLS (WATTLES) MAY BE
SUBSTITUTED TO PREVENT SITE
FLOODING FROM OCCURRING.
AS DEEMED NECESSARY BY CONTRACTOR.



PERSPECTIVE VIEW



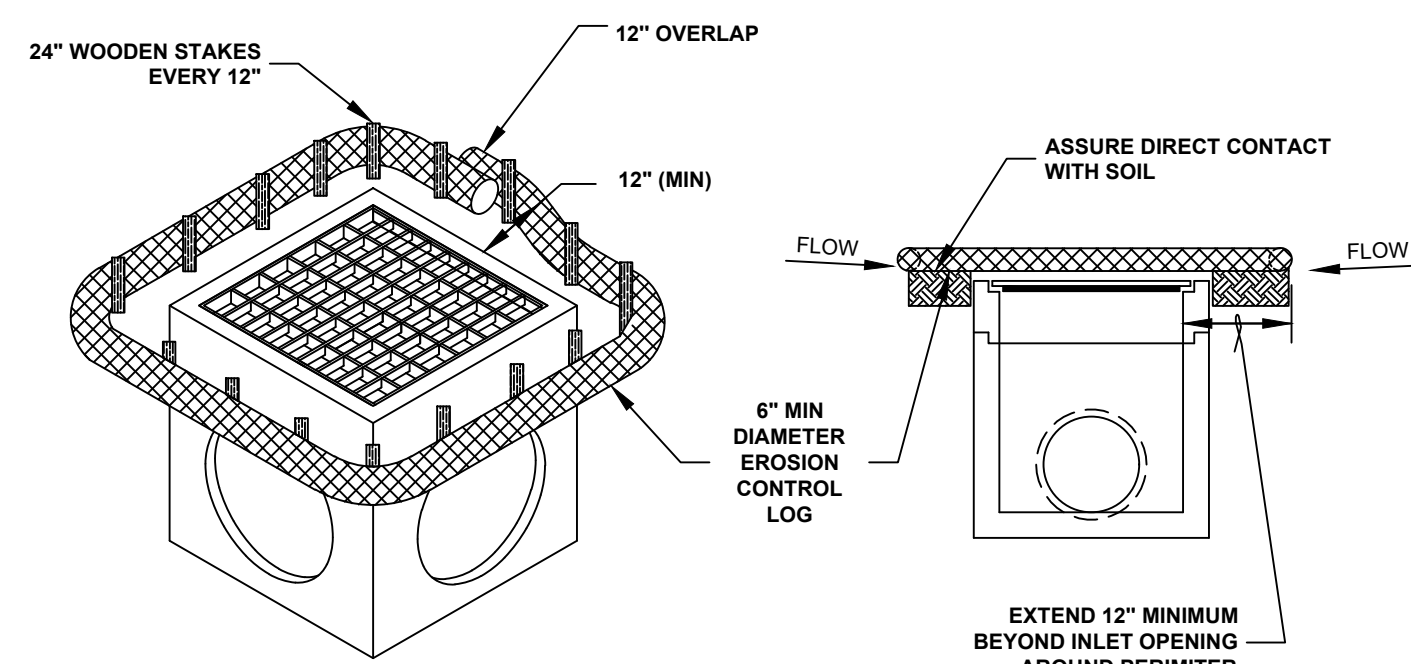
ELEVATION OF STAKE AND
FABRIC ORIENTATION



PERSPECTIVE VIEW

FILTER FABRIC INLET PROTECTION

NOT TO SCALE



ISOMETRIC

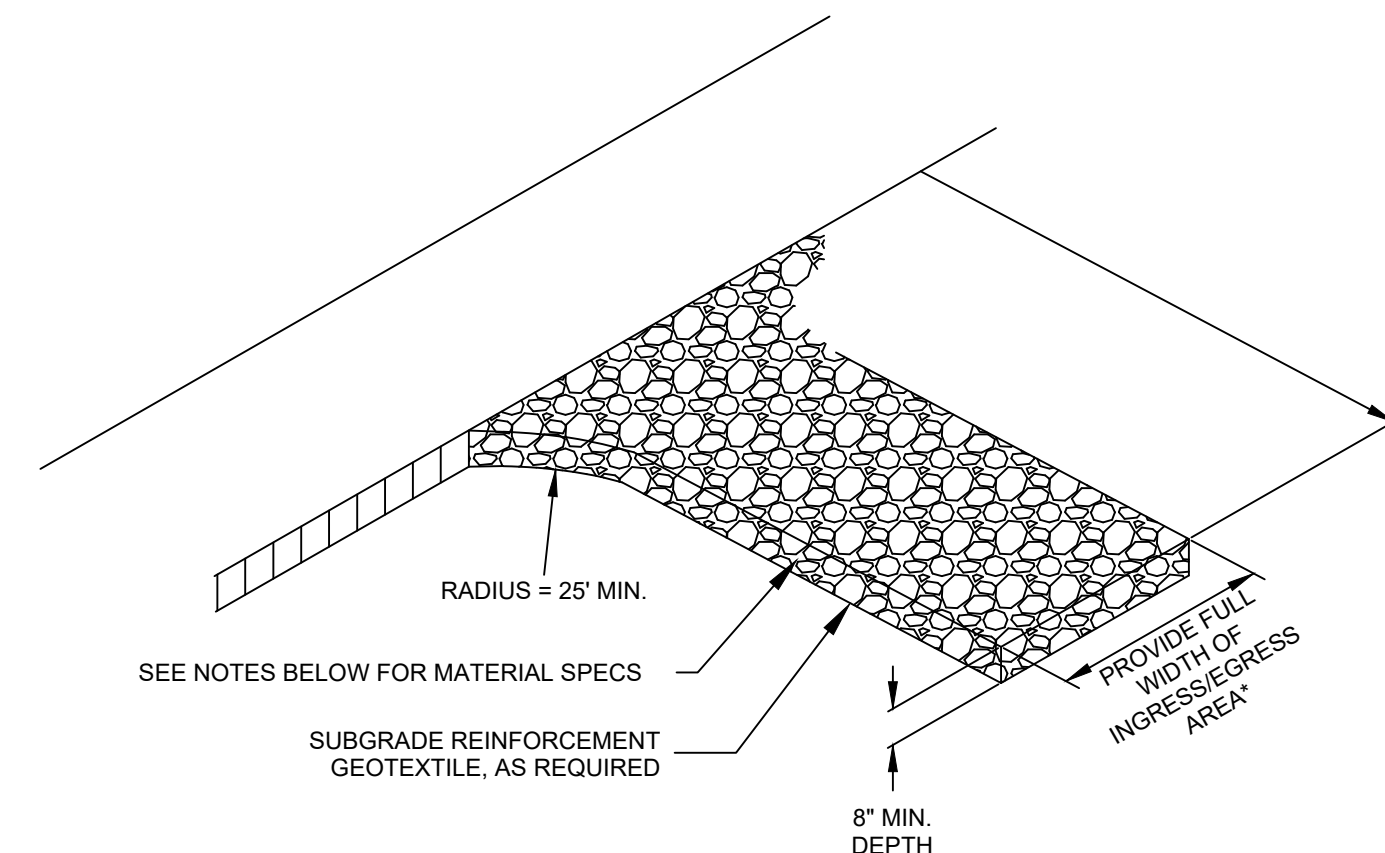
CROSS SECTION

NOTES:

1. EROSION CONTROL LOG CONTAINMENT MESH SHALL BE 100% BIODEGRADABLE, PHOTODEGRADABLE OR RECYCLABLE; AND FILL MATERIAL SHALL CONSIST OF MULCH, ASPEN EXCELSIOR FIBERS, CHIPPED SITE VEGETATION, COCONUT FIBERS, 100% RECYCLABLE FIBERS, OR ANY OTHER ACCEPTABLE MATERIAL EXCLUDING STRAW AND HAY.
2. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 50% CAPACITY.
3. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY CLEAN THE INLET PROTECTION IF EXCESSIVE PONDING OCCURS.
4. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

FIBER ROLL (WATTLE) INLET PROTECTION

NOT TO SCALE



TYPICAL FIBER ROLL INSTALLATION

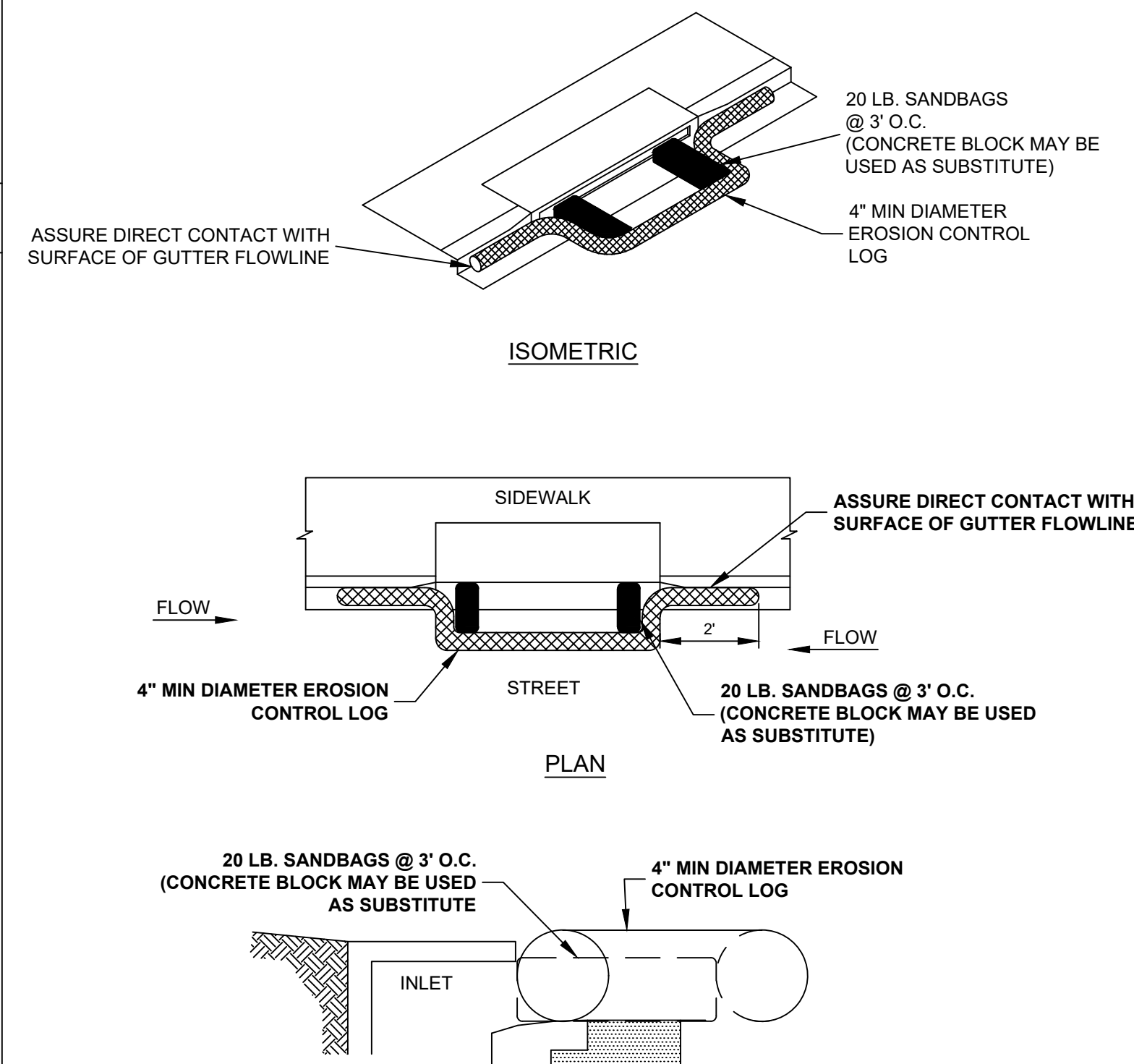
*20' MIN. FOR SINGLE FAMILY AND DUPLEX RESIDENTIAL

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. WHERE RUNOFF CONTAINING SEDIMENT-LADEN WATER IS LEAVING THE SITE VIA THE CONSTRUCTION ENTRANCE, OTHER MEASURES SHALL BE IMPLEMENTED TO DIVERT RUNOFF THROUGH AN APPROVED FILTERING SYSTEM.
5. DIMENSIONS:
SINGLE FAMILY AND DUPLEX
20' LONG BY 20' WIDE, 8" DEEP OF 3/4" MINUS CLEAN ROCK.
COMMERCIAL
50' LONG BY 20' WIDE, 3-6" DEEP CLEAN ROCK. GOVERNING AUTHORITY MAY REQUIRE GEOTEXTILE FABRIC TO PREVENT SUB-SOIL PUMPING.

CONSTRUCTION ENTRANCE

NOT TO SCALE



ISOMETRIC

PLAN

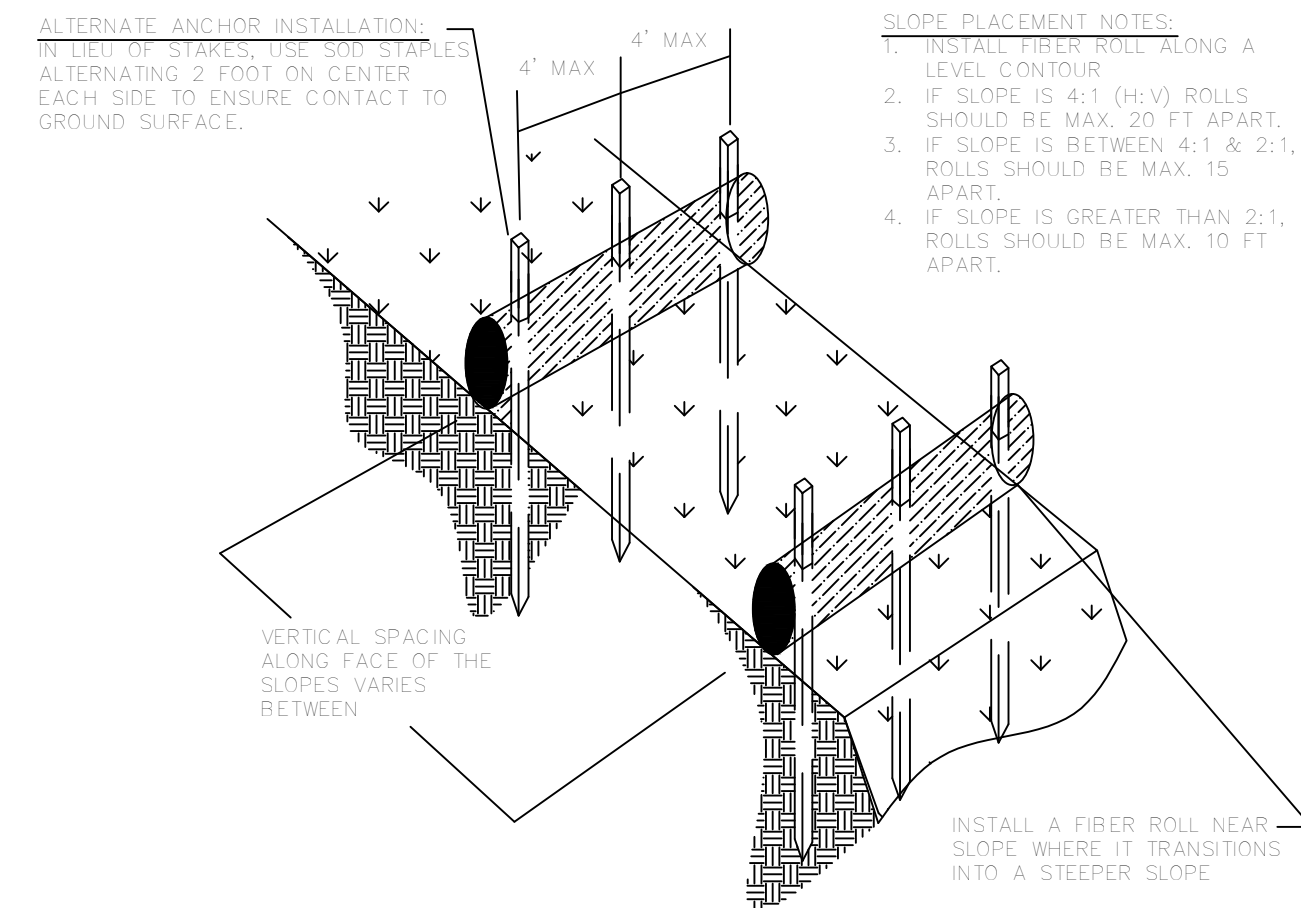
CROSS SECTION

NOTES:

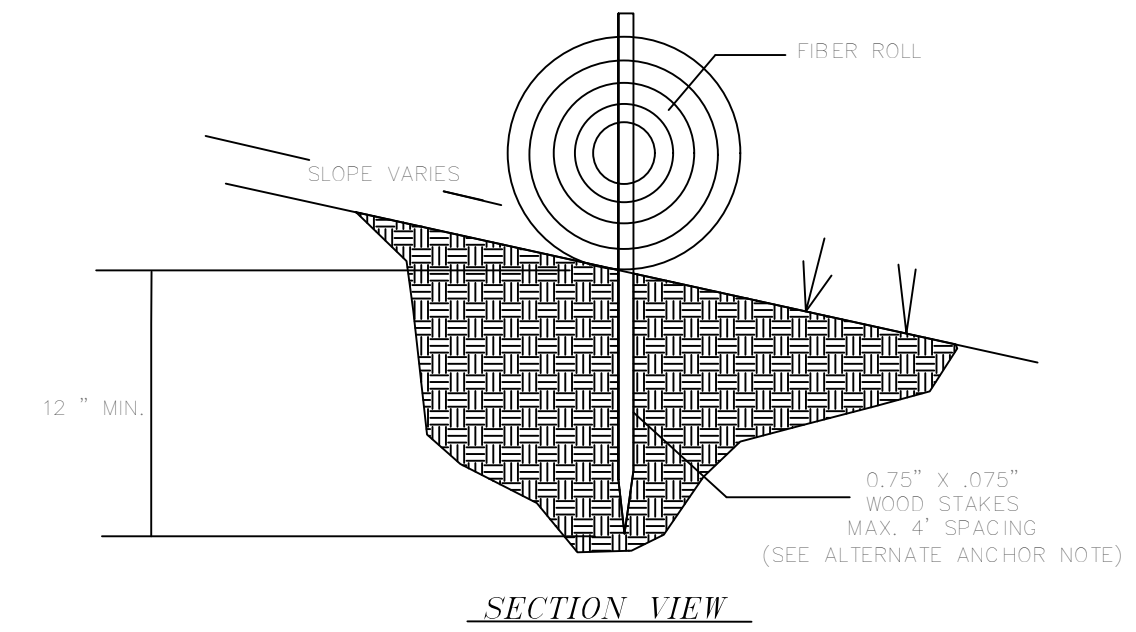
1. EROSION CONTROL LOG CONTAINMENT MESH SHALL BE 100% BIODEGRADABLE, PHOTODEGRADABLE OR RECYCLABLE; AND FILL MATERIAL SHALL CONSIST OF MULCH, ASPEN EXCELSIOR FIBERS, CHIPPED SITE VEGETATION, COCONUT FIBERS, 100% RECYCLABLE FIBERS, OR ANY OTHER ACCEPTABLE MATERIAL EXCLUDING STRAW AND HAY.
2. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 50% CAPACITY.
3. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM WATER BEGINS TO OVERTOP THE CURB.
4. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

FIBER ROLL (WATTLE) CURB INLET PROTECTION

NOT TO SCALE



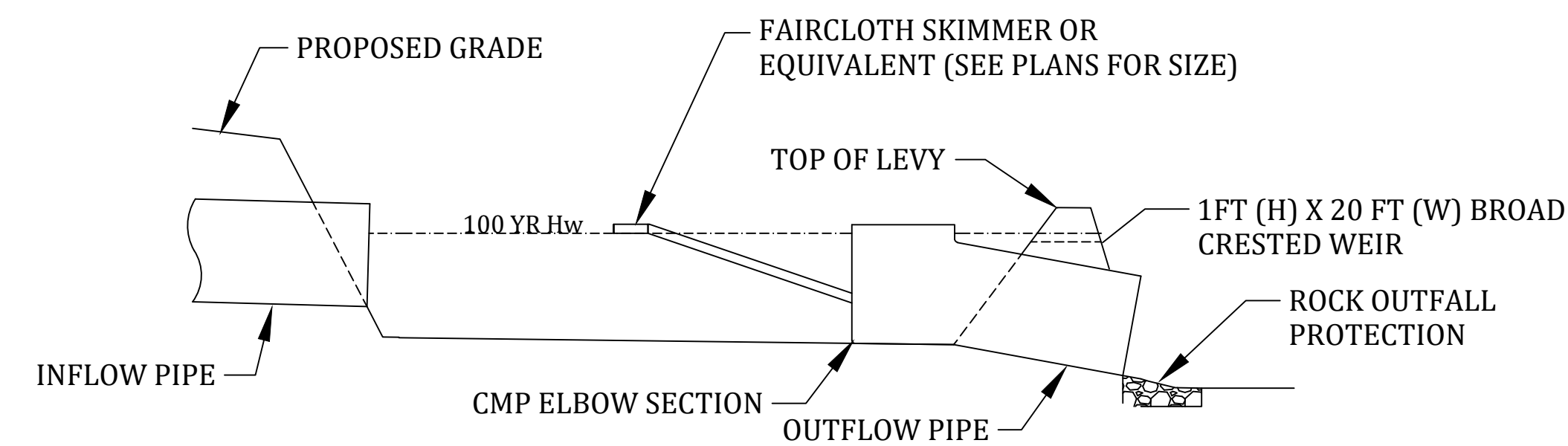
TYPICAL FIBER ROLL INSTALLATION



SECTION VIEW

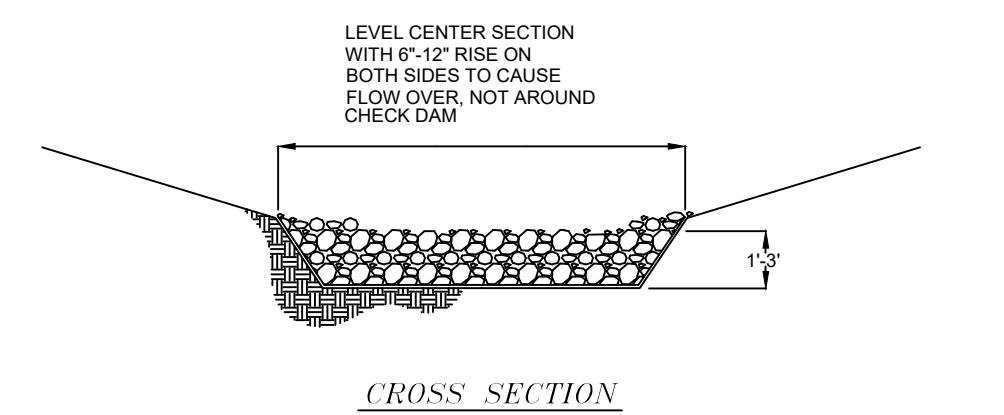
FIBER ROLLS AND WATTLES

NOT TO SCALE

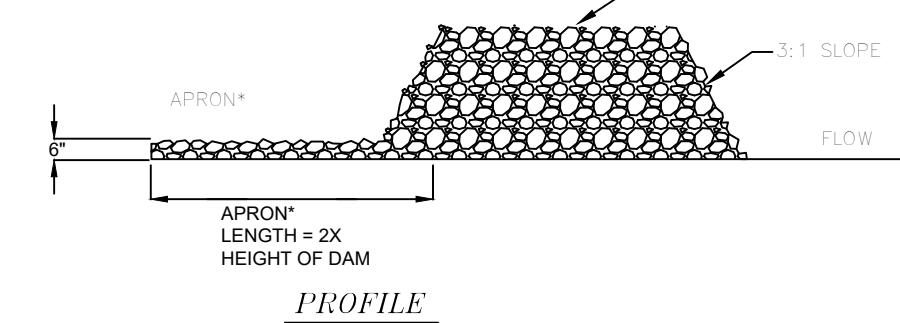


SEDIMENT BASIN w/ FAIRCLOTH SKIMMER

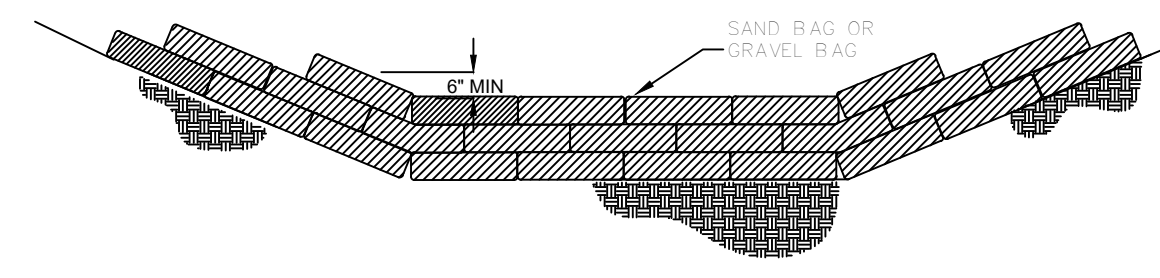
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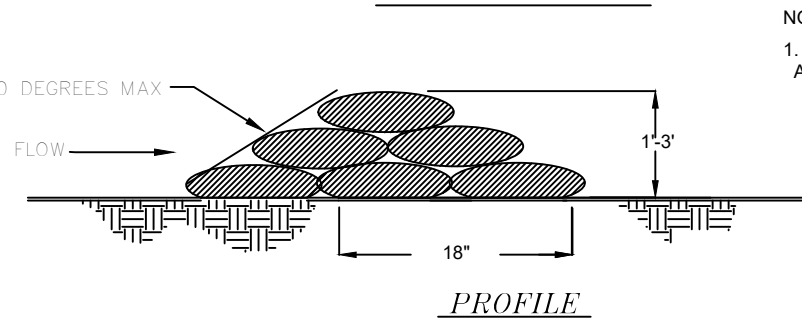
CROSS SECTION



PROFILE



CROSS SECTION



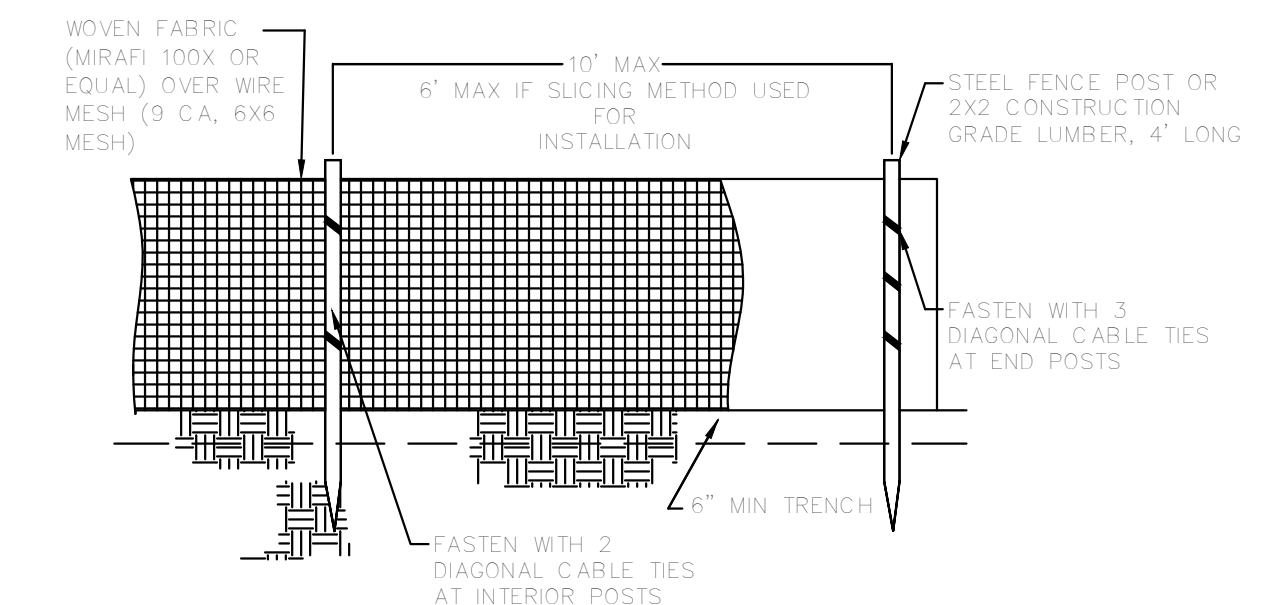
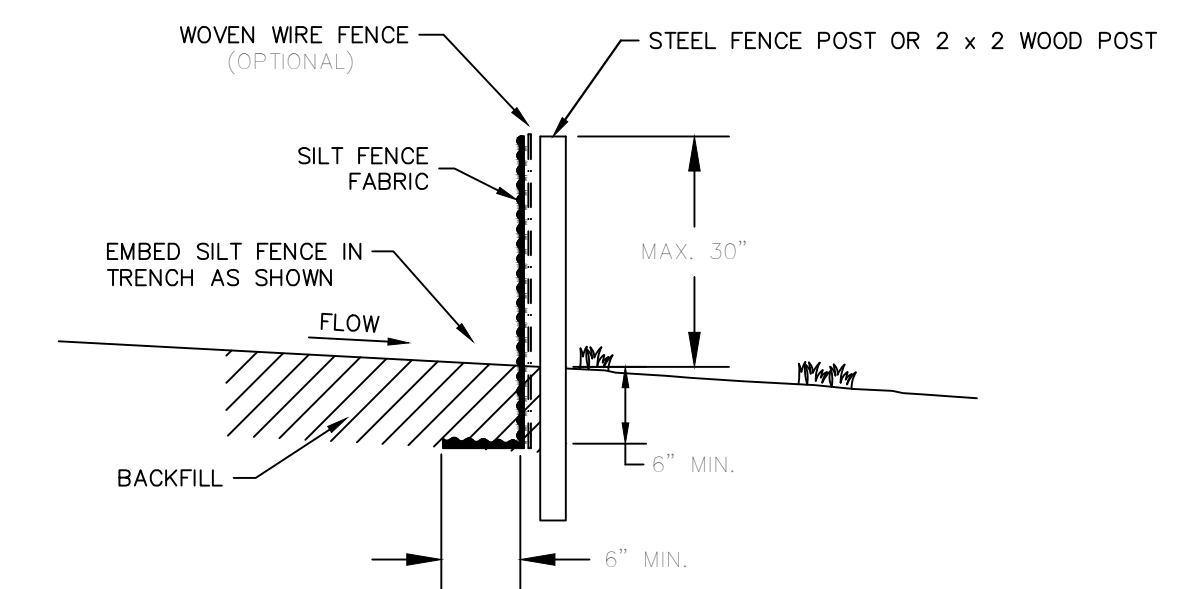
PROFILE

NOTES:

1. NUMBER OF BAGS AND ARRANGEMENT MAY VARY WITH ON SITE CONDITIONS

DITCH CHECKS (STONE & SAND BAG)

NOT TO SCALE

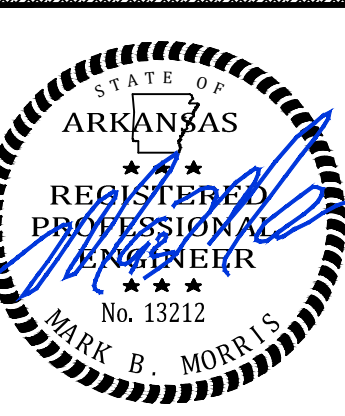


NOTES:

1. PLACE SILT FENCE AT DOWNSLOPE LIMIT OF AREA TO BE GRADED.
2. SILT FENCE SHALL BE PLACED ALONG A LEVEL CONTOUR.
3. SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE DISPOSED OF IN AN APPROVED SITE IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POSTS.
5. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES 50% CAPACITY.
8. AT EACH END OF SILT FENCE, TURN FENCE UPSLOPE AND EXTEND UNTIL GROUND SURFACE RISES 18 INCHES.

SILT FENCE

NOT TO SCALE

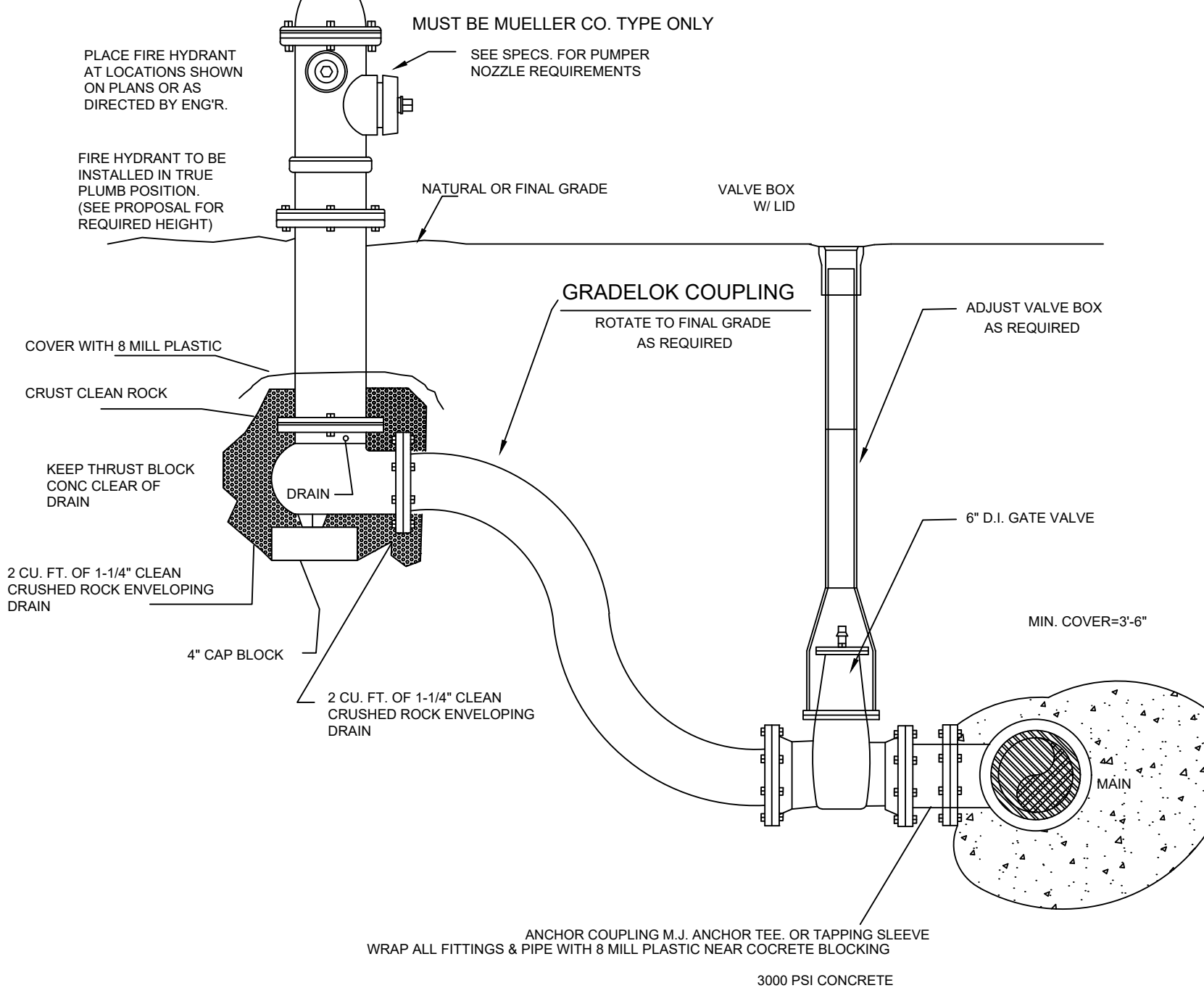


REVISIONS		
DATE	BY	DESCRIPTION

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DRAWN BY:	GMD
DATE:	
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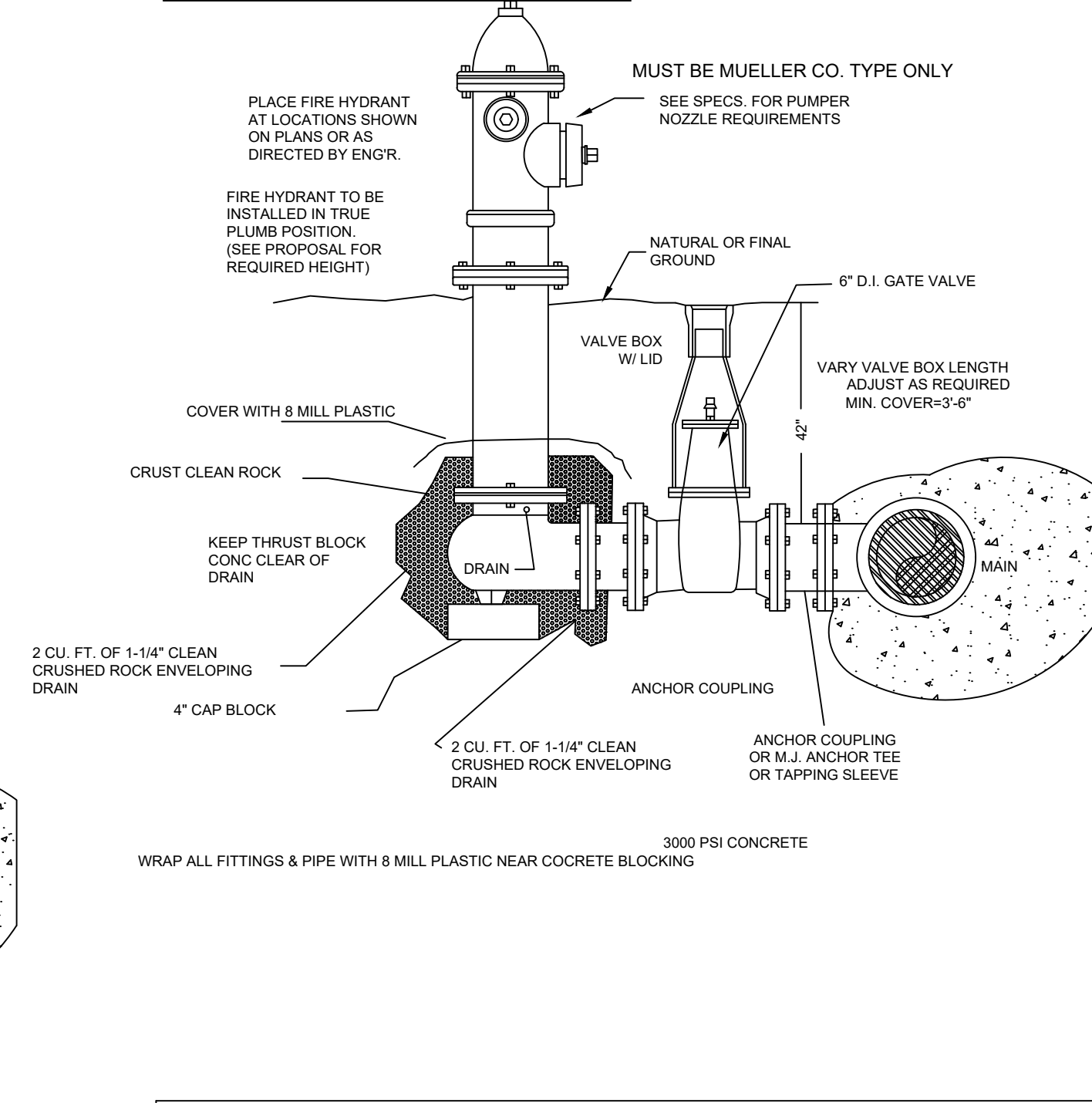
SHEET NUMBER:
DT-1

FIRE HYDRANT DETAIL WITH GRADELOK COUPLING



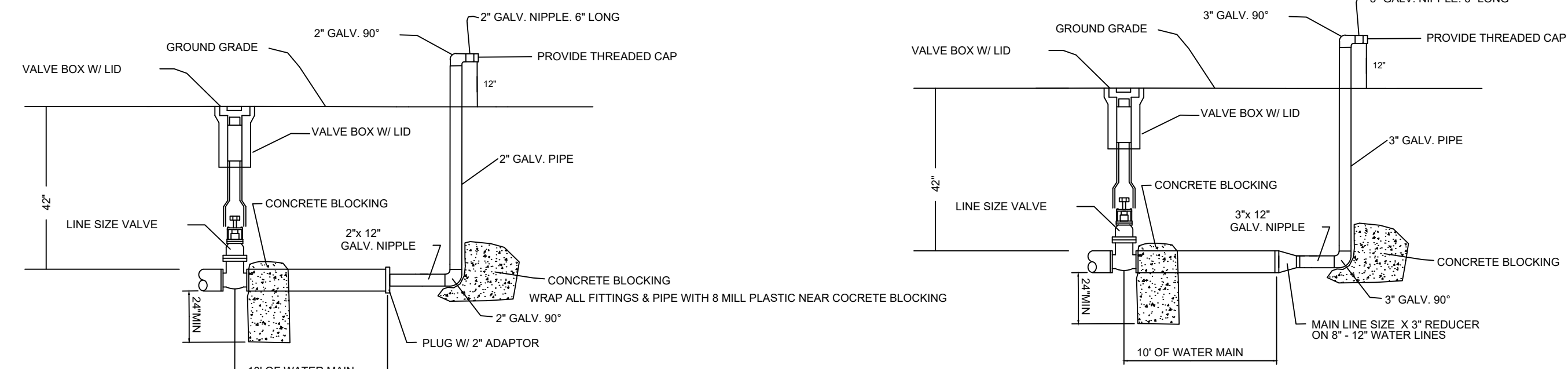
TYPICAL FIRE HYDRANT LOCATION ALONG HWY. RIGHT-OF-WAY

FIRE HYDRANT DETAIL WITH ANCHOR COUPLING



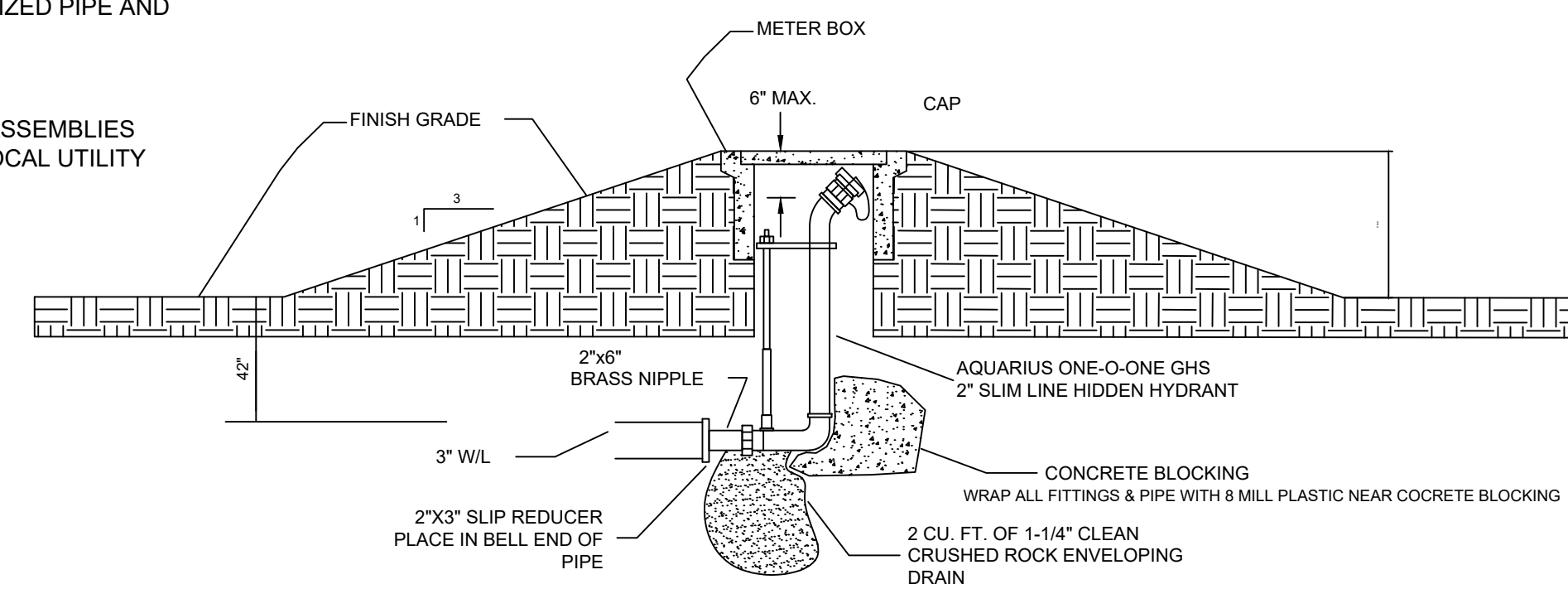
TYPICAL FIRE HYDRANT LOCATION

BLOW-OFF ASSEMBLY DETAILS



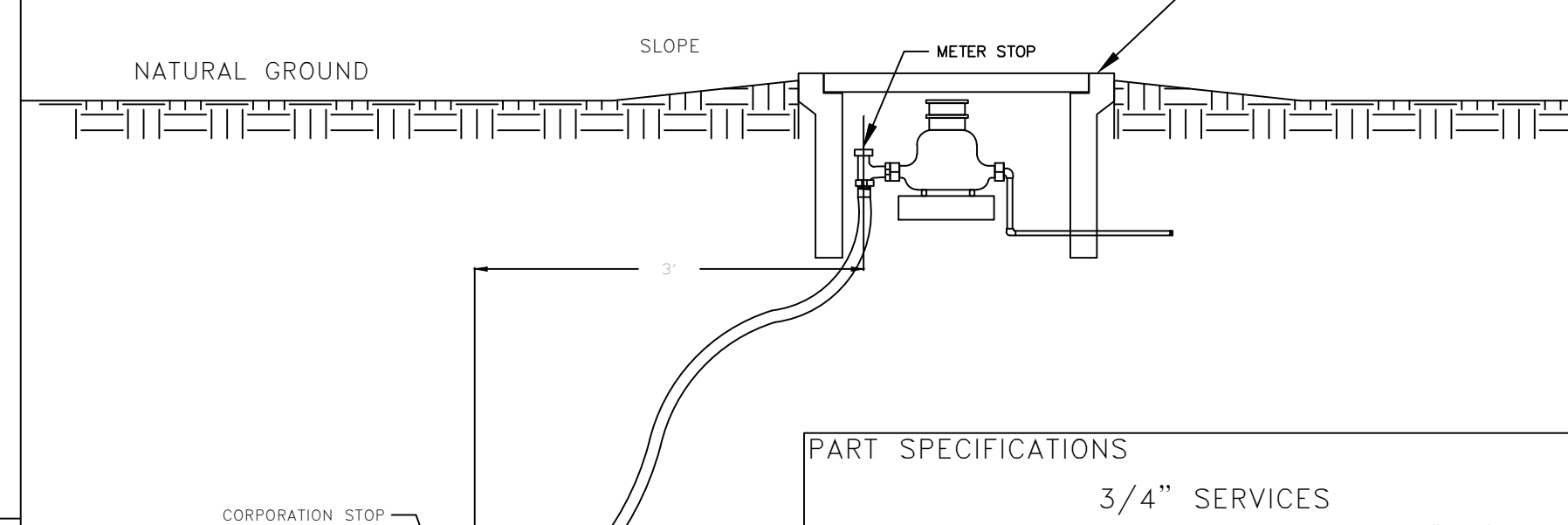
NOTE: ALL 2\"/>

NOTE: OTHER BLOW-OFF ASSEMBLIES MUST BE APPROVED BY LOCAL UTILITY COMPANY



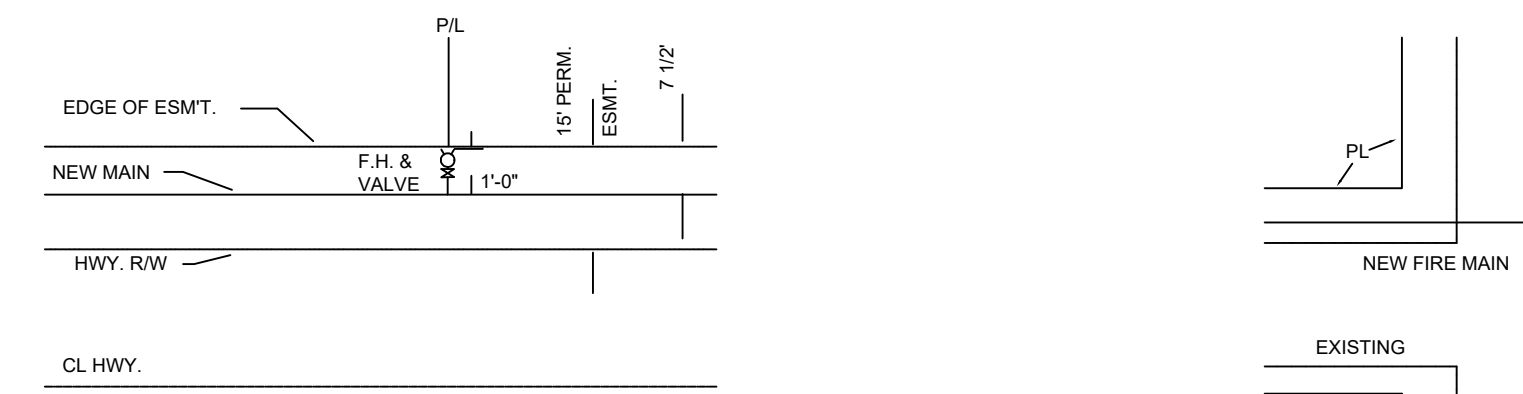
UNDERGROUND WASHOUT ASSEMBLY FOR COVES AND DEAD END LINES WITH NO FUTURE EXTENSION

SERVICE CONNECTION AND METER SETTING



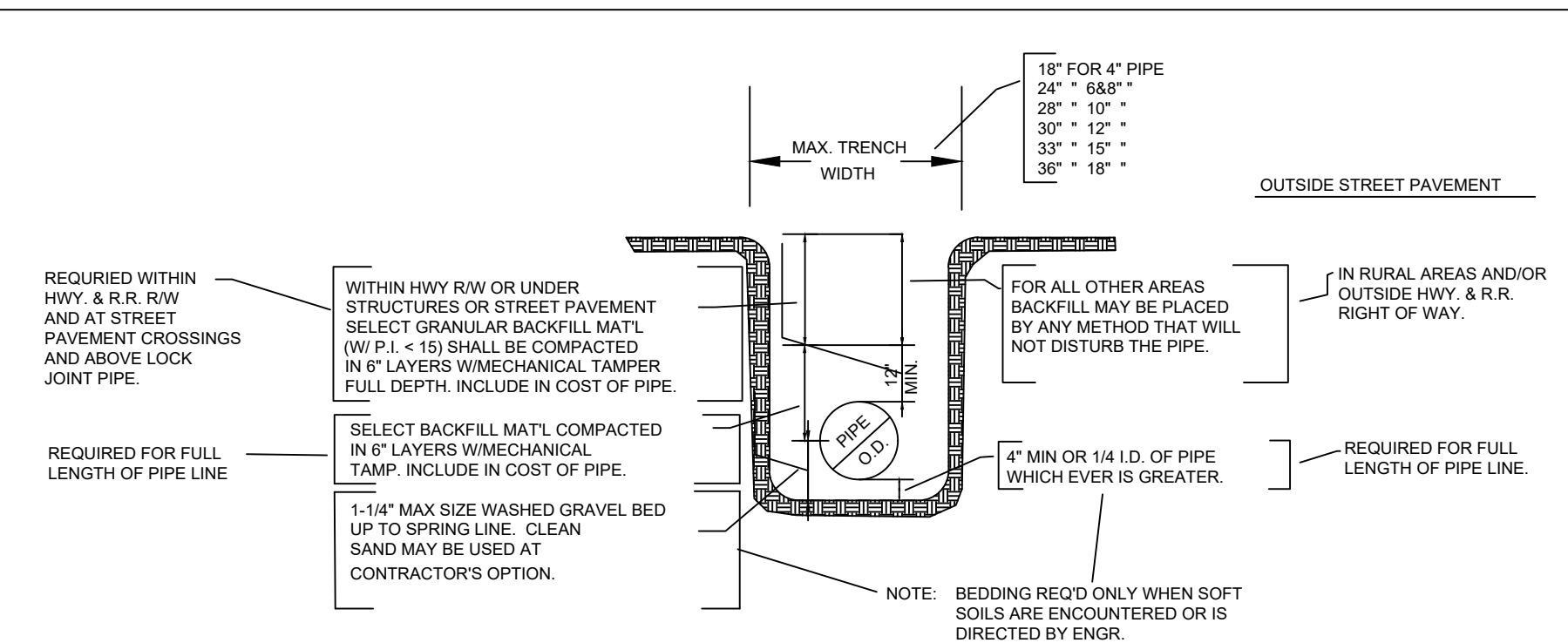
PART SPECIFICATIONS

3/4\"/>

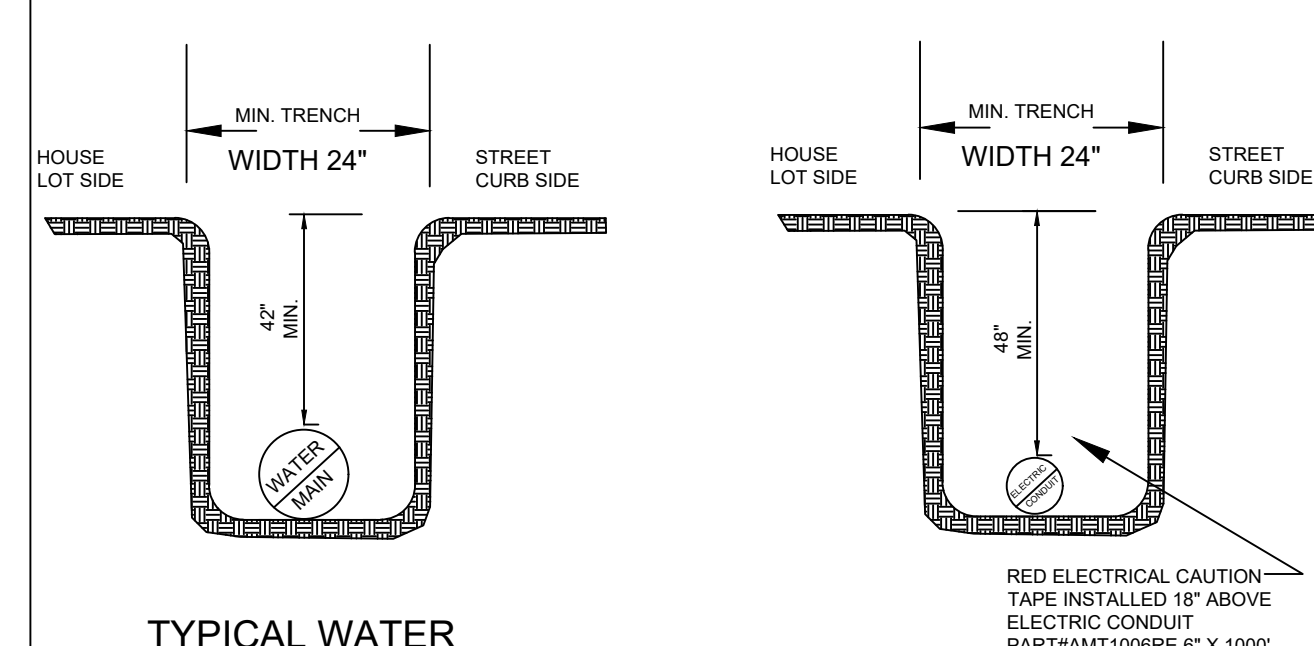


RADIUS OF CURVATURE FOR BENDING OF PIPE AROUND CURVES OR IN COVES SHALL NOT EXCEED THAT OF THE RECOMMENDATIONS OF THE PIPE MANUFACTURER OR REFER TO THE PVC PIPE HANDBOOK.

PIPE SIZE (inches)	LENGTH (feet)	MIN. BENDING RADIUS (feet)
(DR 21) 2"	20	60
(DR 21) 3"	20	60
(DR 18) 4"	20	100
(DR 18) 6"	20	144
(DR 18) 8"	20	189
(DR 18) 10"	20	231
(DR 18) 12"	20	275
(DR 35) 4"	12.5 or 21	54.9
(DR 35) 6"	12.5 or 21	81.6
(DR 35) 8"	12.5 or 22	109
(DR 35) 10"	12.5 or 23	137
(DR 35) 12"	12.5 or 24	163
(DR 35) 15"	12.5 or 25	199

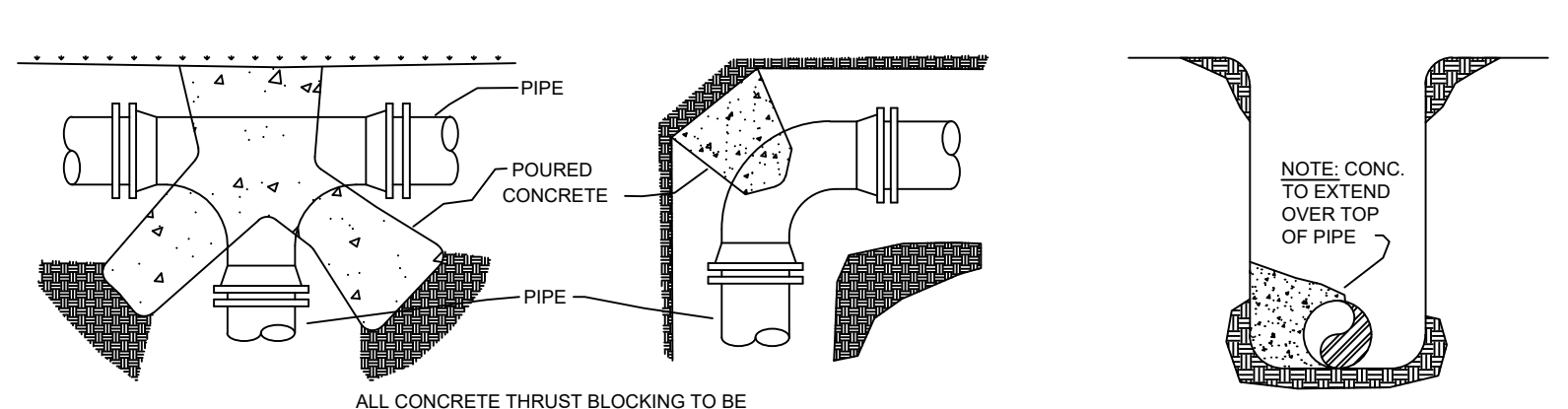


TYPICAL WATER PIPE BEDDING AND BACKFILL DETAIL



TYPICAL WATER TRENCH DETAIL

TYPICAL ELECTRIC TRENCH DETAIL

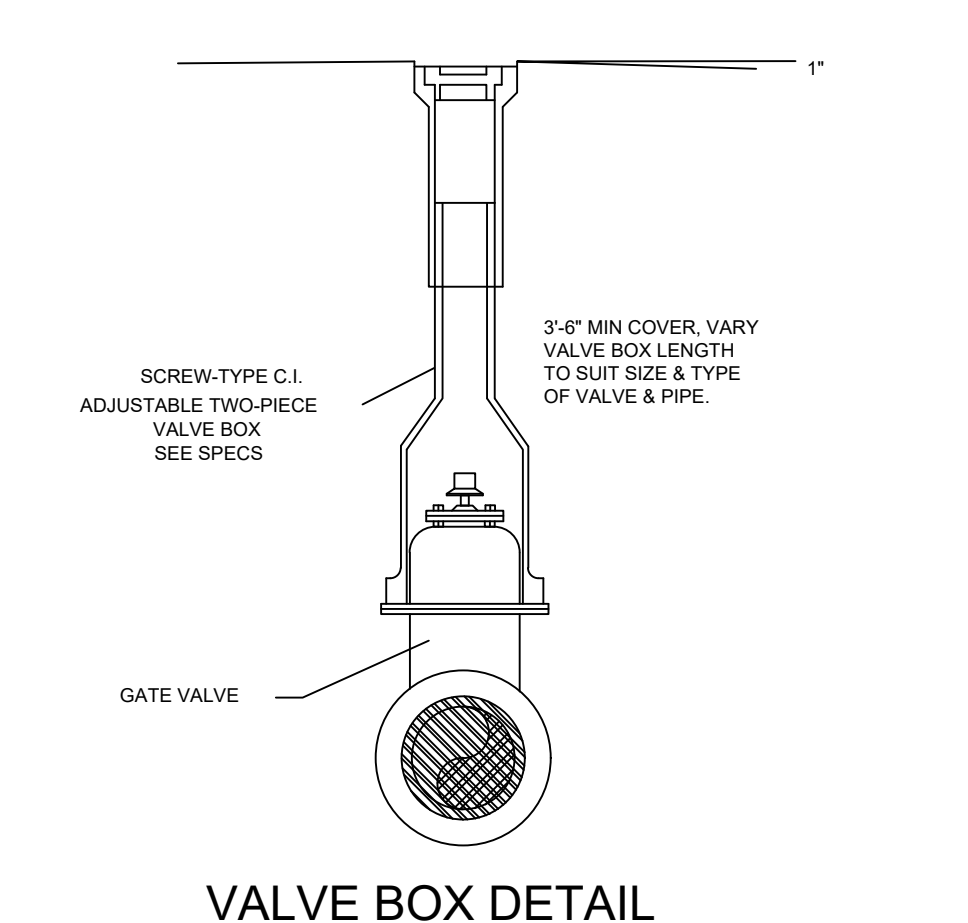


THRUST BLOCK DETAILS

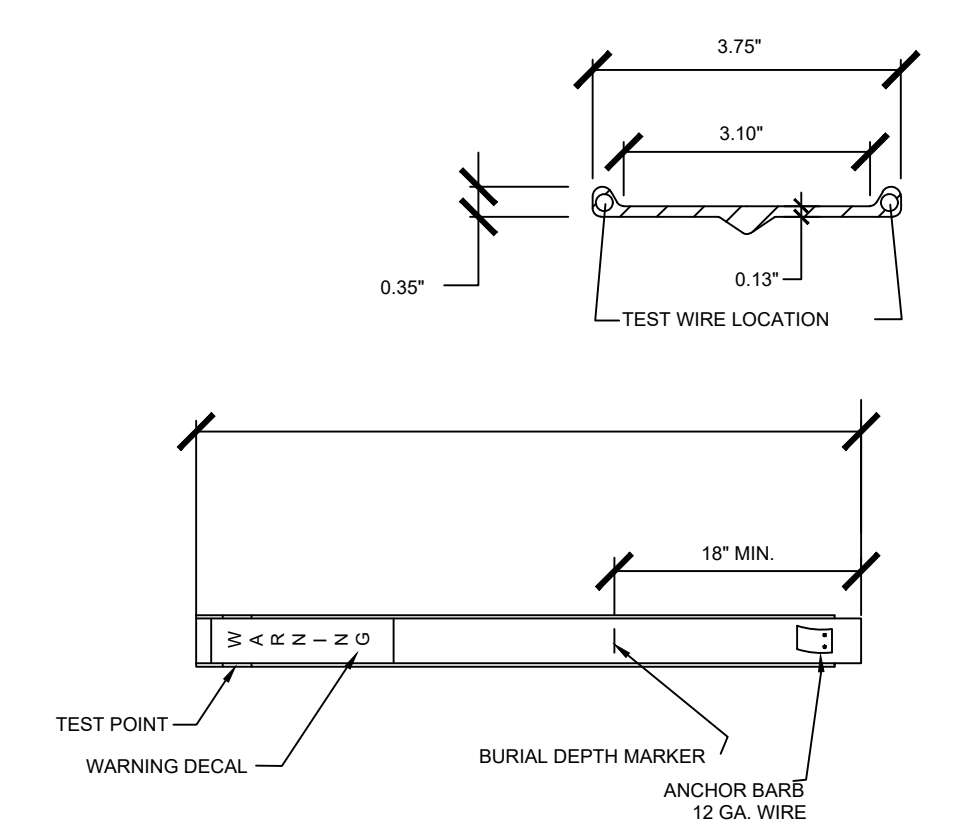
- NOTES:**
- ALL BLOCKING SHALL BE AGAINST UNDISTURBED HAND DUG SOIL.
 - WHERE SOIL CONDITIONS MAKE IT NECESSARY TO POUR CONCRETE BLOCKING OVER JOINTS, THE ENDS OF THE ADJACENT PIPES MUST HAVE A BRACE BLOCK TO RESIST MOVEMENT OF THESE JOINTS.
 - ALL FITTINGS & PIPE SHALL BE COVERED WITH 8 MILL PLASTIC WHEN BLOCKING TO PREVENT BONDING OF CONCRETE.
 - WHERE SHEAR IS HIGH PROPER REINFORCING MUST BE INSTALLED INTO THE BLOCKING AS DIRECTED BY ENGINEER.
 - COVER SHALL BE A MINIMUM OF 3\"/>

WATERLINE PIPE BEND THRUST BLOCK AREA

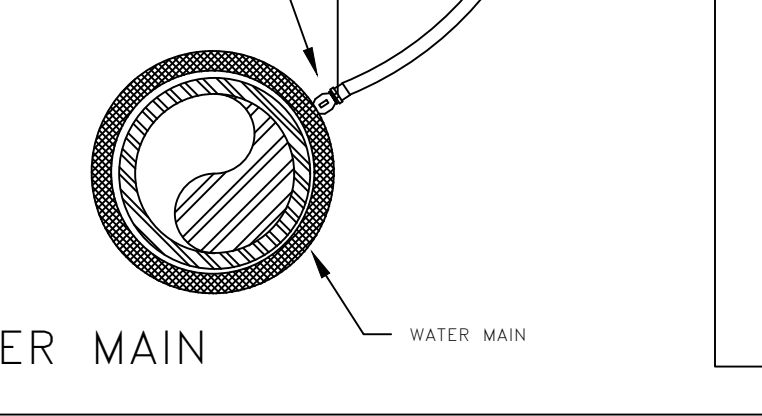
SIZE & BEND DEGREE	STATIC THRUST (LB)	BLOCKING AREA (FT ²)
4\"/>		
4\"/>		
4\"/>		
6\"/>		
6\"/>		
6\"/>		
8\"/>		
8\"/>		
8\"/>		
8\"/>		



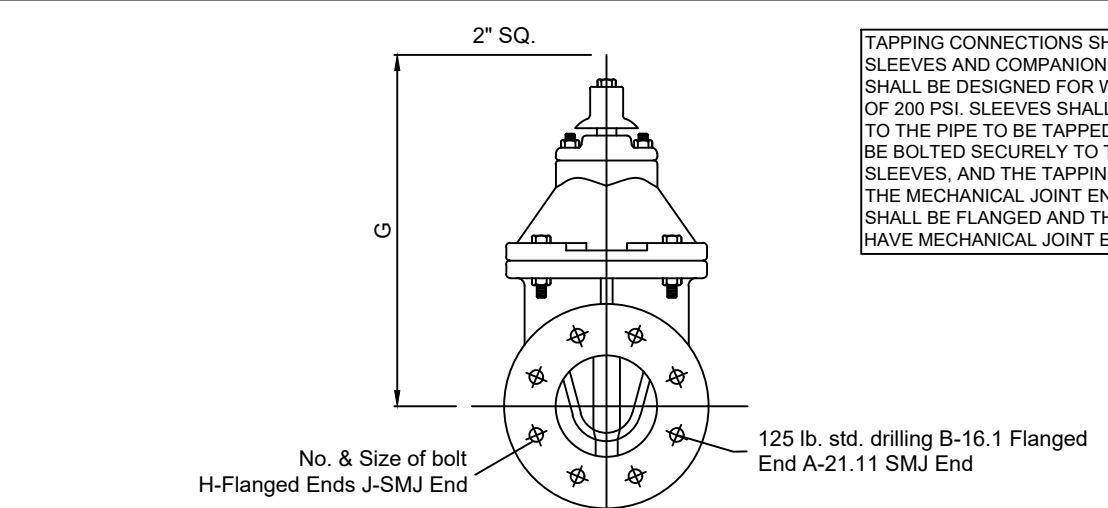
VALVE BOX DETAIL



WATER LINE & FORCE MAIN MARKER DETAIL



WATER MAIN



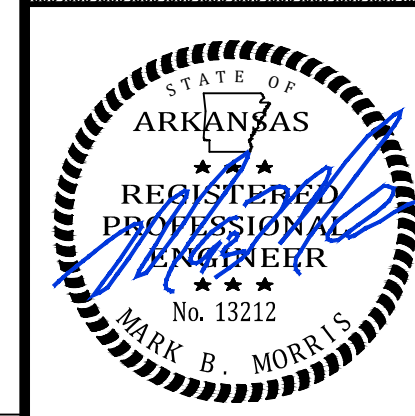
TAPPING CONNECTIONS SHALL CONSIST OF TAPPING SLEEVES AND COMPANION TAPPING VALVES. THEY SHALL BE DESIGNED FOR WORKING WATER PRESSURE OF 200 PSI. SLEEVES SHALL BE FASTENED SECURELY TO THE PIPE TO BE TAPPED. TAPPING VALVES SHALL BE BOLTED SECURELY TO THE FLANGES OF THE SLEEVES, AND THE TAPPING MACHINE CONNECTED TO THE MECHANICAL JOINT END. THE INLET OPENINGS SHALL BE FLANGED AND THE OUTLET OPENINGS SHALL HAVE MECHANICAL JOINT ENDS.

VALVE SIZE	A	B	C	D	E	F	G	H	J
4	9-14	4-14	2-50	9-12	9	15-16	14-34	8-34	4-34
6	18-14	5	2-50	11-12	11	1	19	8-34	6-34
8	11	5-14	2-50	13-34	13-12	1-18	22-12	8-34	8-34
10	12-12	6	2-50	15-34	16	15-16	26-12	12-7/8	8-34
12	13-12	6-12	2-50	18	19	1-14	30	12-7/8	8-34
9	6-14	4-14	2-50	7-34	7-18	3/4	12-3/8	4-3/8	4-3/4

TAPPING SLEEVE TAPPING VALVE DETAIL

MARK MORRIS P.E.
6011 SOUTHWEST DRIVE
JONESBORO, AR 72404
PH: 1-870-919-7700
MARK@MARKMORRISHOMES.COM

EDGEMONT PARK PHASE II
WATER DETAILS



REVISIONS

DATE	BY	DESCRIPTION

DRAWING INFO.

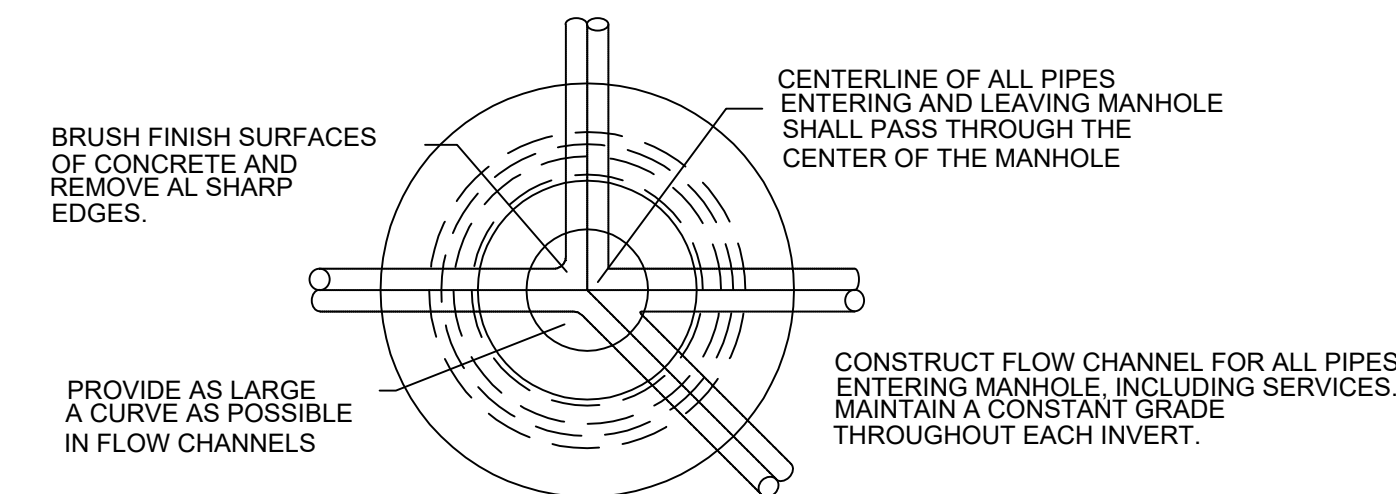
DRAWN BY: _____
DATE: _____
SCALE: _____

SHEET NUMBER:
DT-2

NOTES TYPICAL TO ALL MANHOLES

- MANHOLE BASES TO BE 4000 PSI, 28 DAY STRENGTH, LIMESTONE MIX CONCRETE ON UNDISTURBED SUB-GRADE OR ON COMPACTED SELECT FILL MATERIAL AS AUTHORIZED.
- MANHOLE SIDEWALL MATERIAL TO BE CONCRETE IN ACCORDANCE WITH PROPOSAL FORM REQUIREMENTS.
 - 4" I.D. FOR SEWER SIZES 6" THRU 24"
 - 5" I.D. FOR SEWER SIZES 24" THRU 30"
 - 6" I.D. FOR SEWER SIZES 36" THRU 42"
- SET MANHOLE TOPS AS FOLLOWS:
 - IN STREETS, ROADS, HIGHWAYS, AND OTHER PAVED AREAS: FLUSH WITH FINISHED PAVING GRADE.
 - UNDEVELOPED AREAS, SUCH AS FIELDS, WOODS, ETC.: 12" ABOVE GROUND.
 - OTHER AREAS: 1" ABOVE GROUND.
- MANHOLE FRAMES SHALL HAVE MIN. OPENING OF 22" DIA.
- ALL DOGHOUSE MANHOLES TO BE INSTALLED WITH A-LOK WEDGE STYLE WATER STOP KITS.

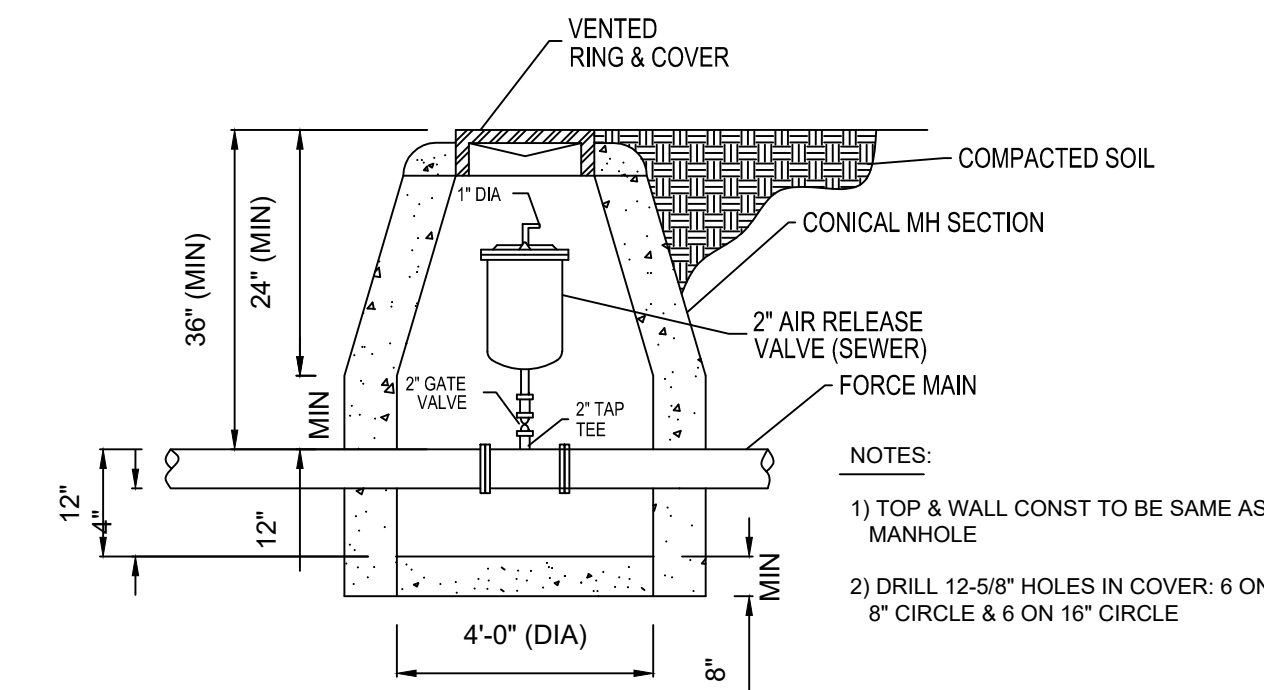
STANDARD MANHOLE



PLAN
N.T.S.

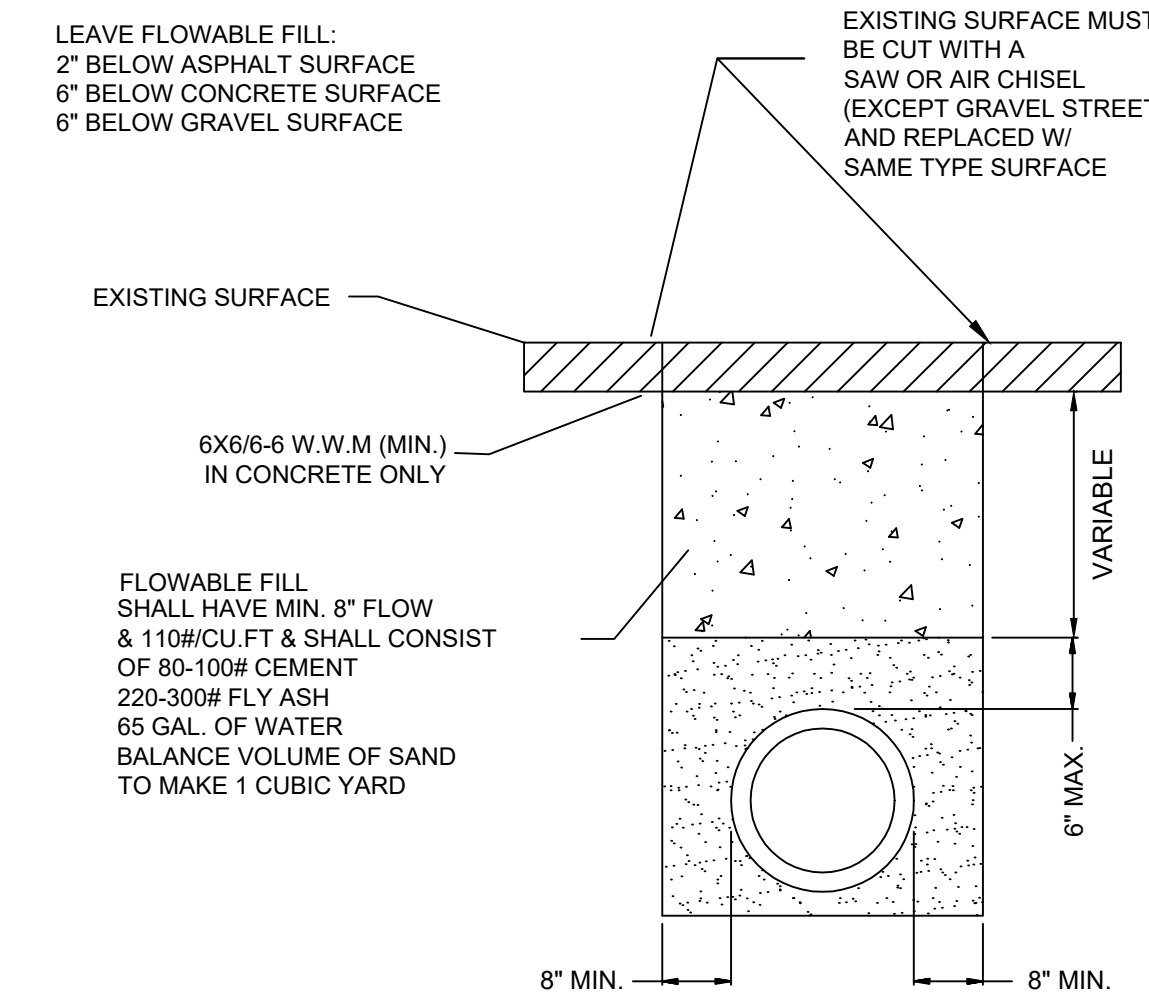
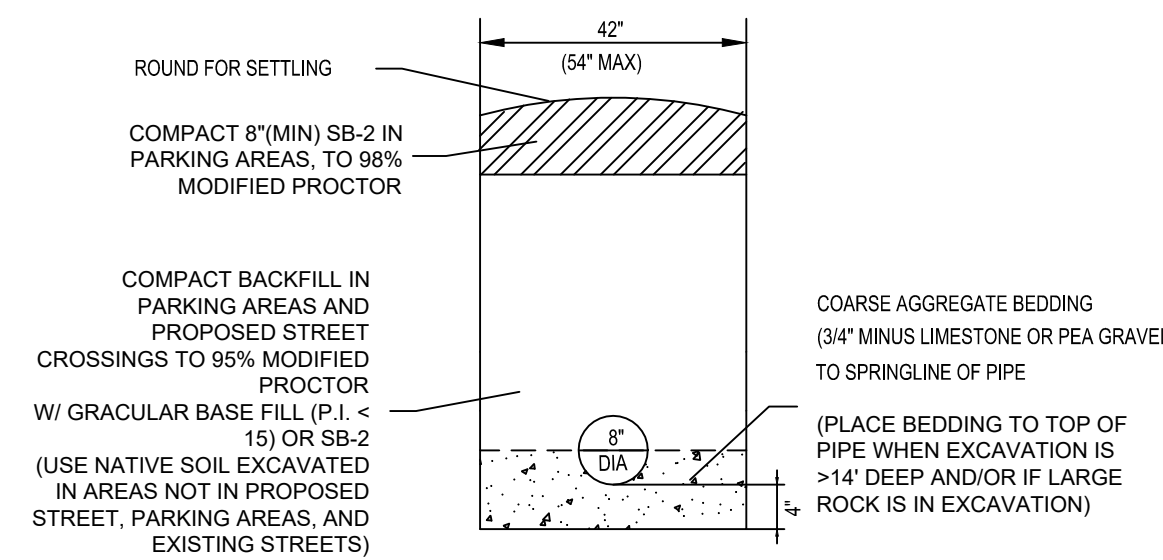
MANHOLE DETAILS

AIR/VACUUM RELEASE VALVE DETAIL



**NON-EXISTING STREET LOCATIONS
SDR-26 PVC TRENCH DETAIL**

- NOTES:**
- COARSE AGGREGATE SHALL BE MECHANICALLY TAMPED WHEN USED.
 - PIPE IN TRENCH SHALL BE PLACED ON NO LESS THAN 4" OF 3/4" MINUS LIMESTONE. ALL OVER EXCAVATION SHALL BE COMPACTED BACK TO GRADE W/ BEDDING MATERIAL.
 - PVC PIPE SHALL BE SDR-26 AND INSTALLED IN ACCORDANCE WITH UNI-BELL PVC PIPE ASSOCIATION'S RECOMMENDATIONS FOR CONSTRUCTION.



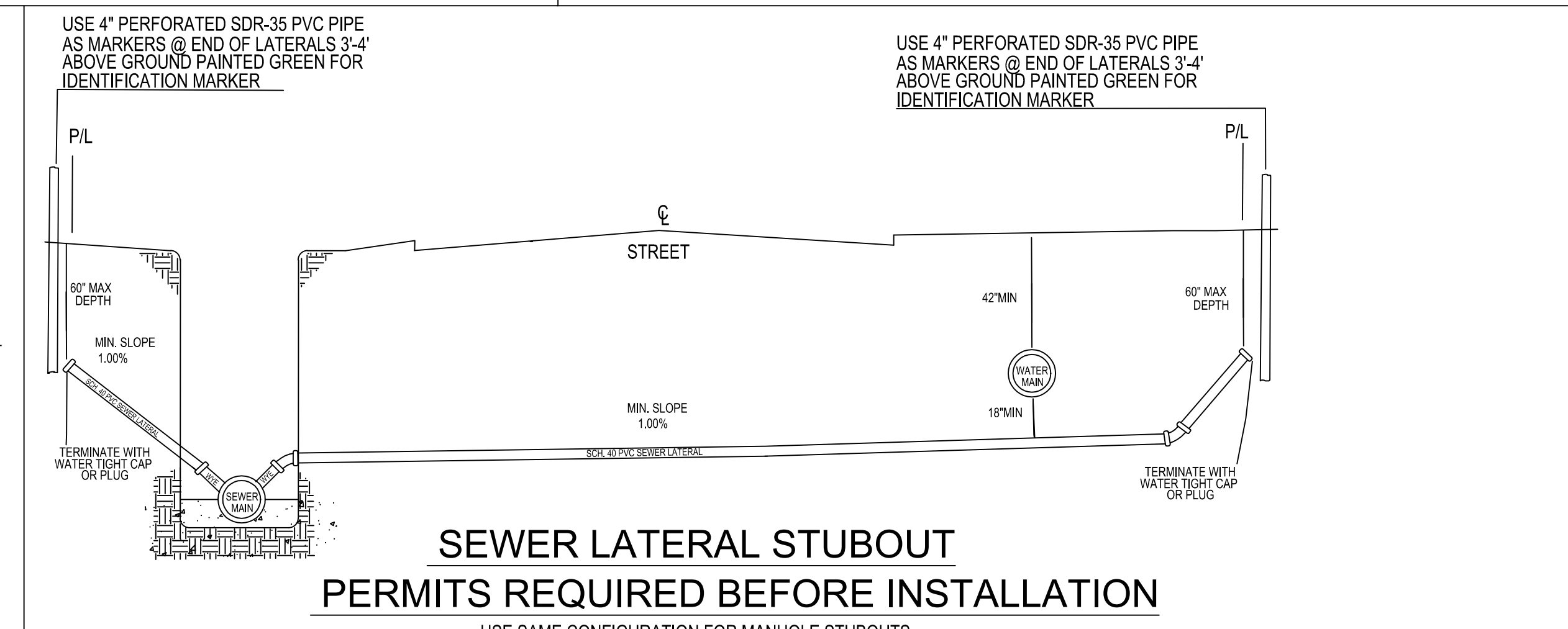
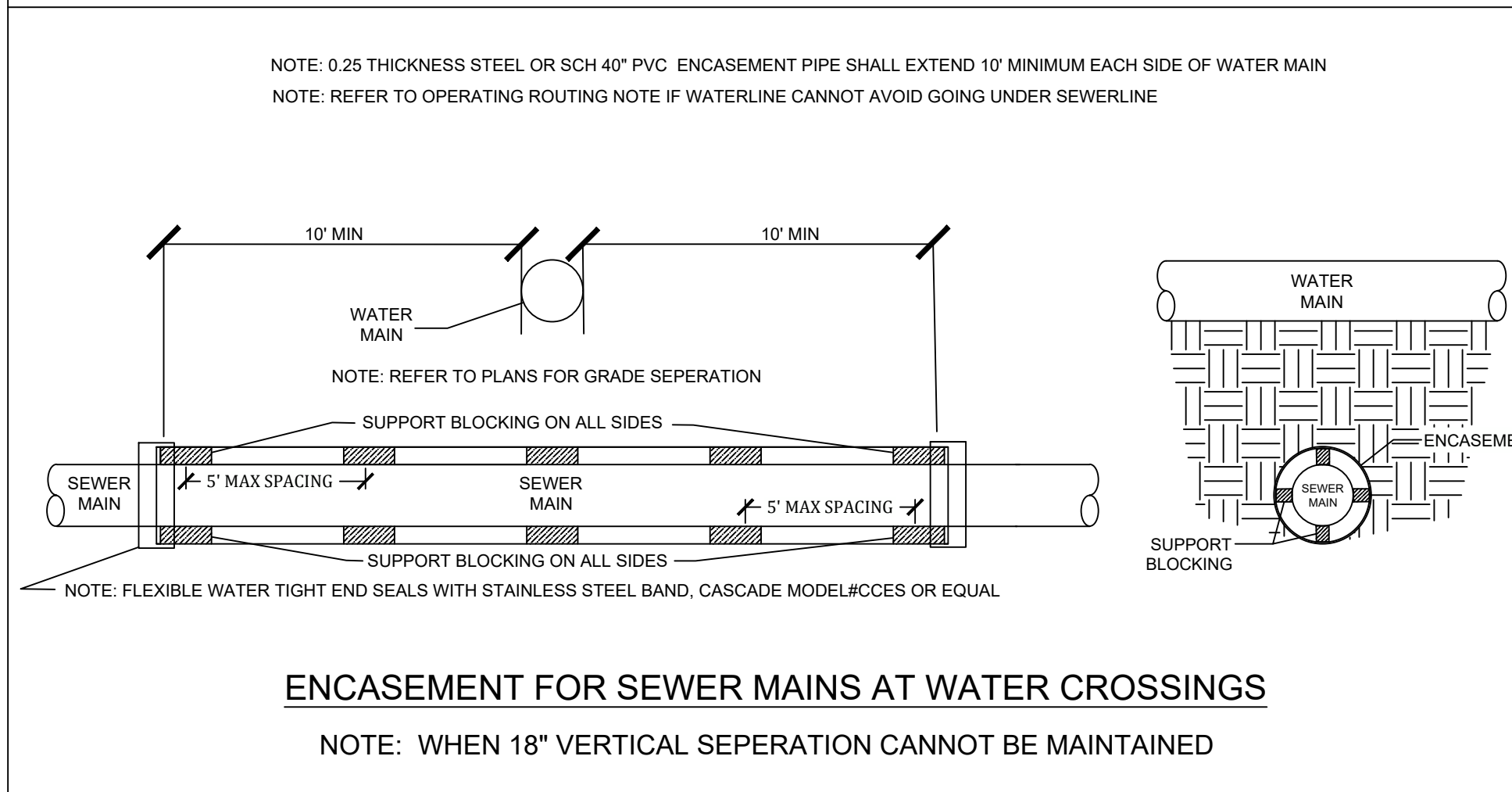
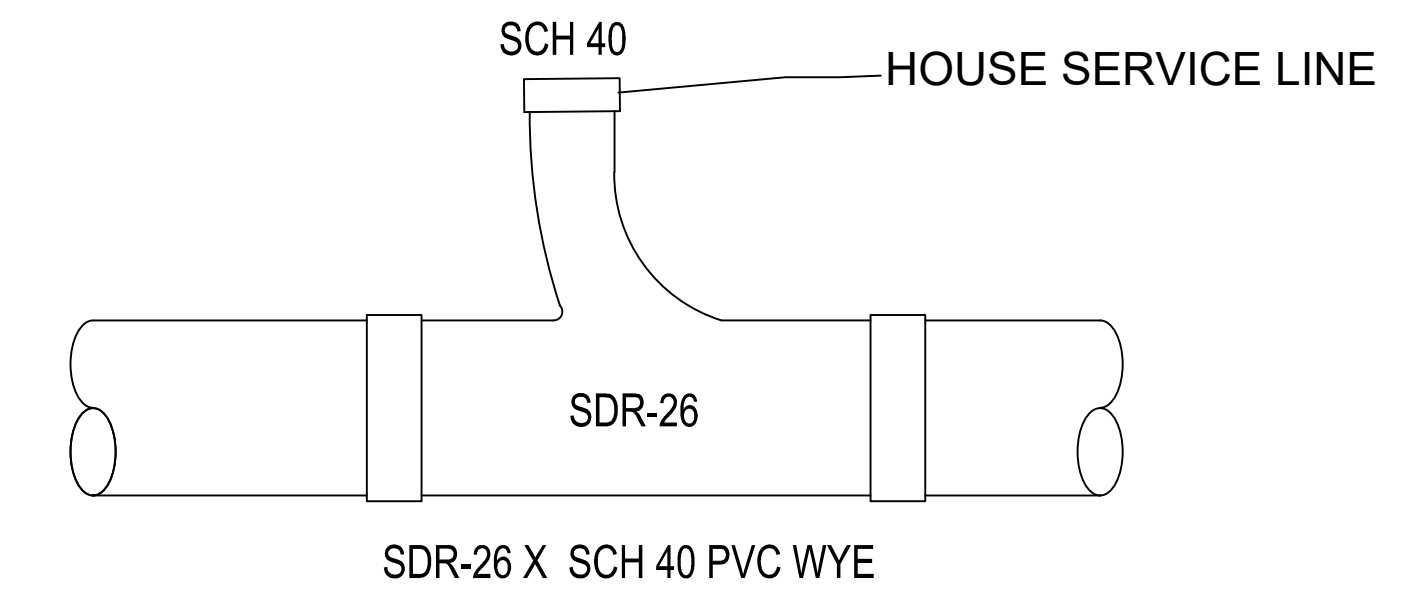
EXISTING STREET LOCATIONS

PVC TRENCH DETAIL

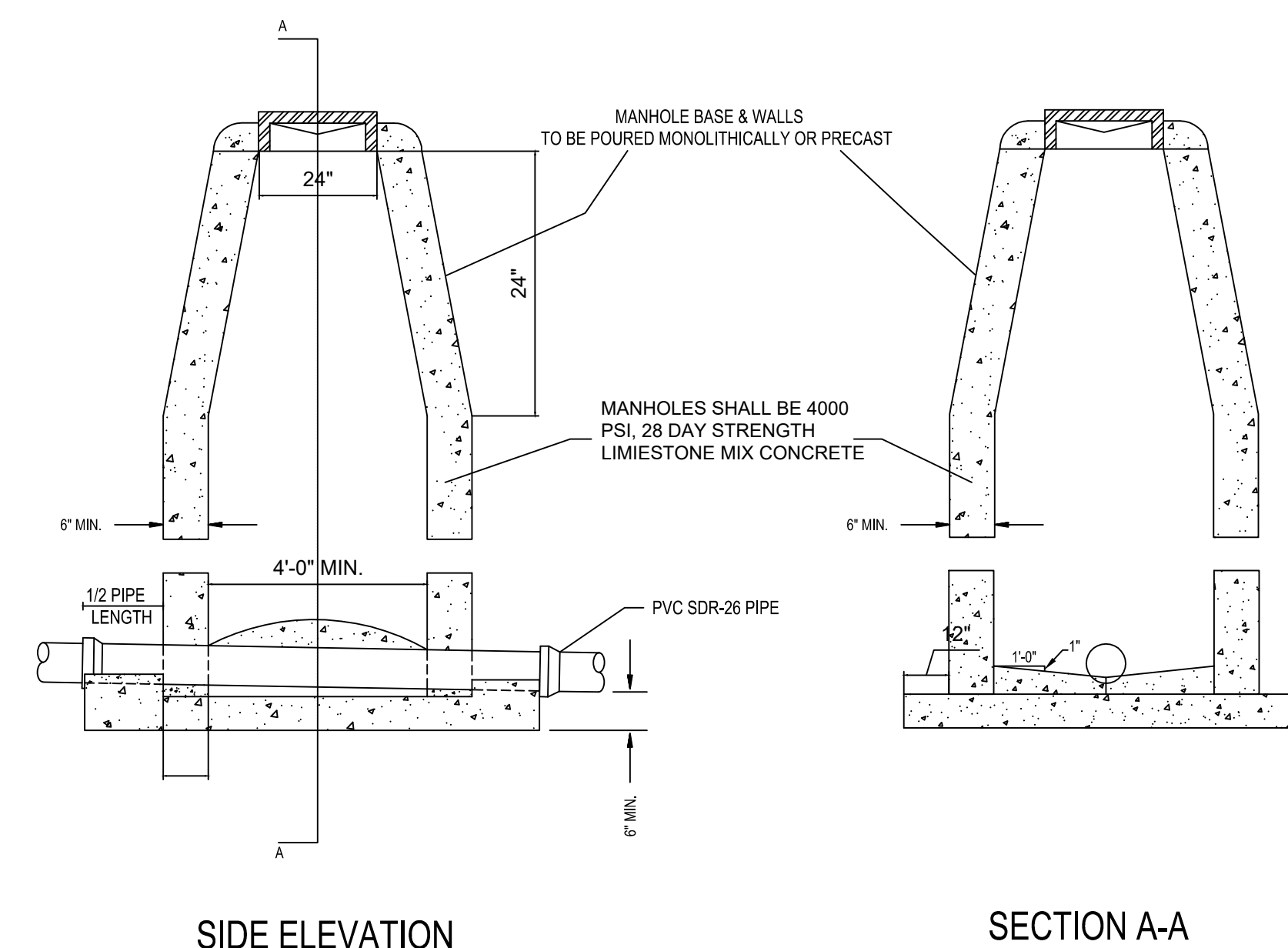
SINGLE WYE

ALL SERVICE LINES UNDER PAVEMENT SHALL BE PVC SCH 40 PIPE W/ PVC SCH 40 COUPLINGS

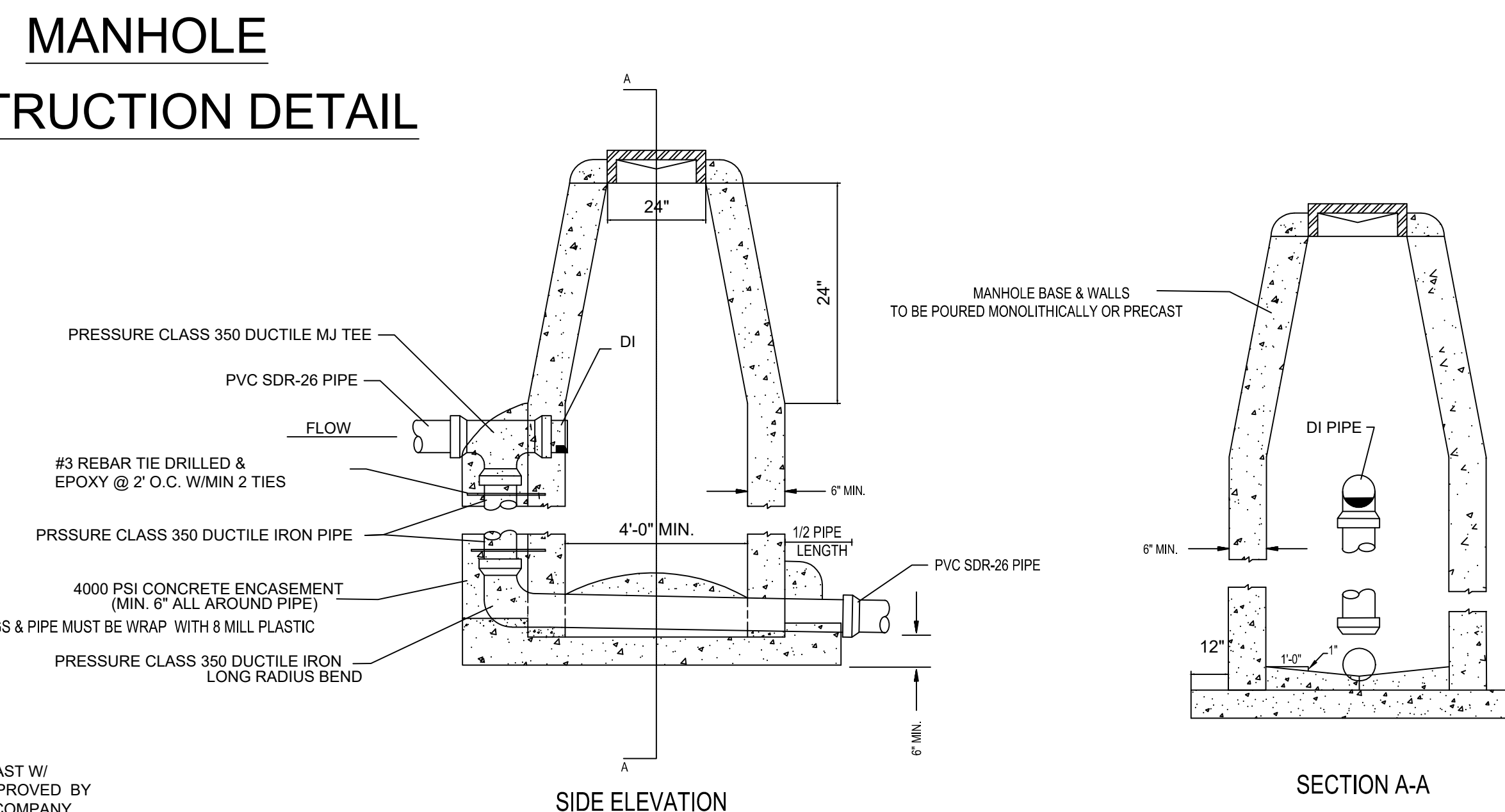
TEE WYE ONLY



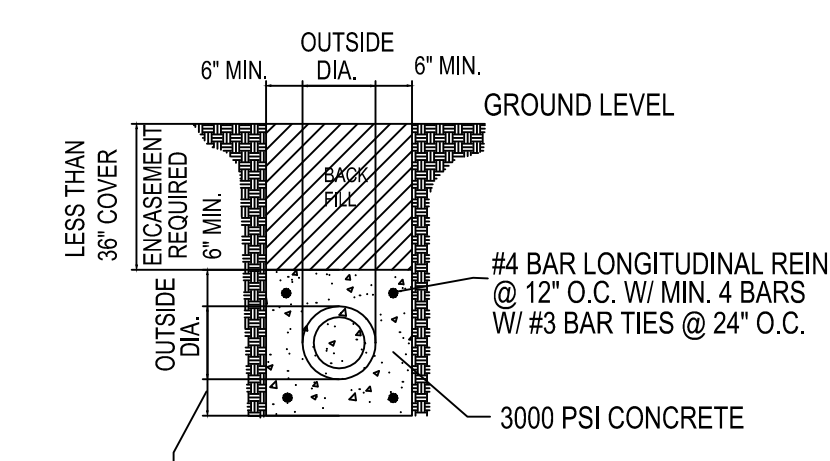
MANHOLE CONSTRUCTION DETAIL



STANDARD MANHOLE



DROP MANHOLE



CONCRETE ENCASEMENT FOR DITCH CROSSINGS

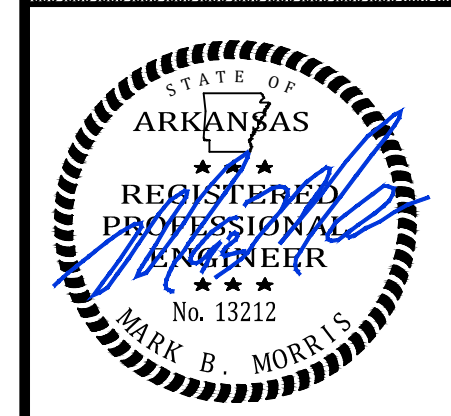
NOTE: ENCASEMENT PIPE MUST PRESSURE CLASS 350 DUCTILE IRON AND WRAP DUCTILE IRON PIPE WITH 8 MILL PLASTIC

EDGEMONT PARK PHASE II

SEWER DETAILS

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MARK@MARKMORRISHOMES.COM

MARK MORRIS



REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.

DRAWN BY: _____

DATE: _____

SCALE: _____

SHEET NUMBER:
DT-3

