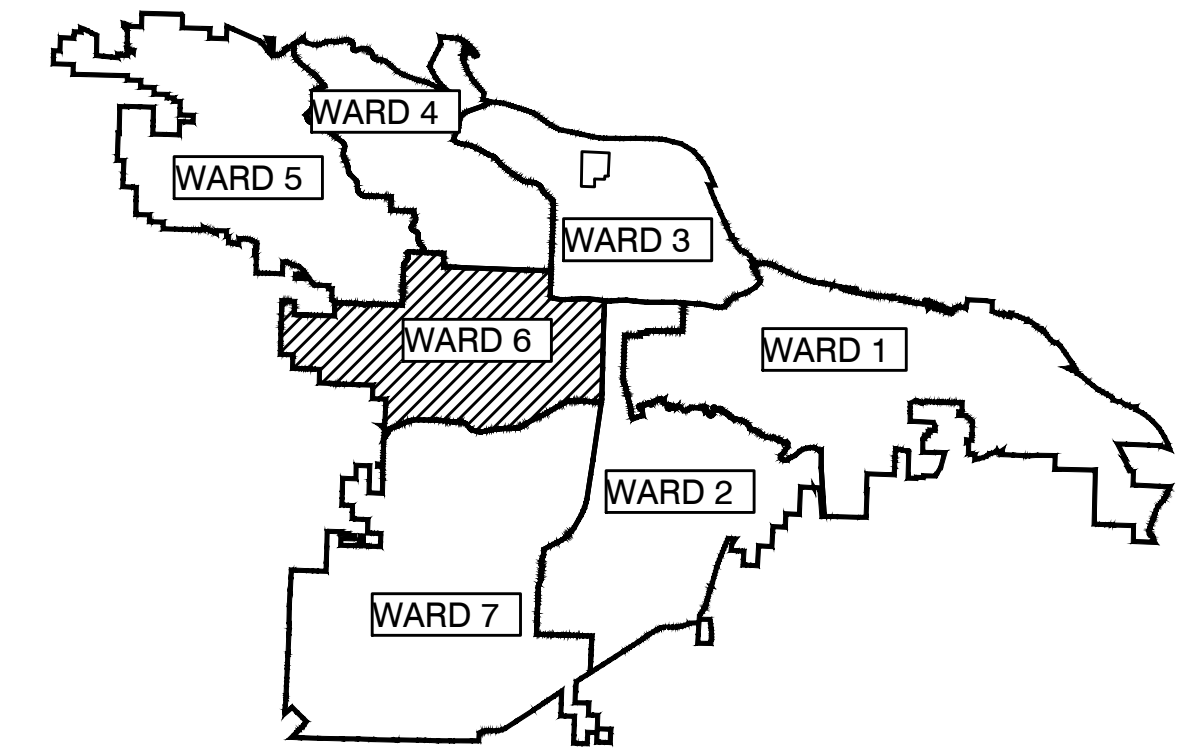
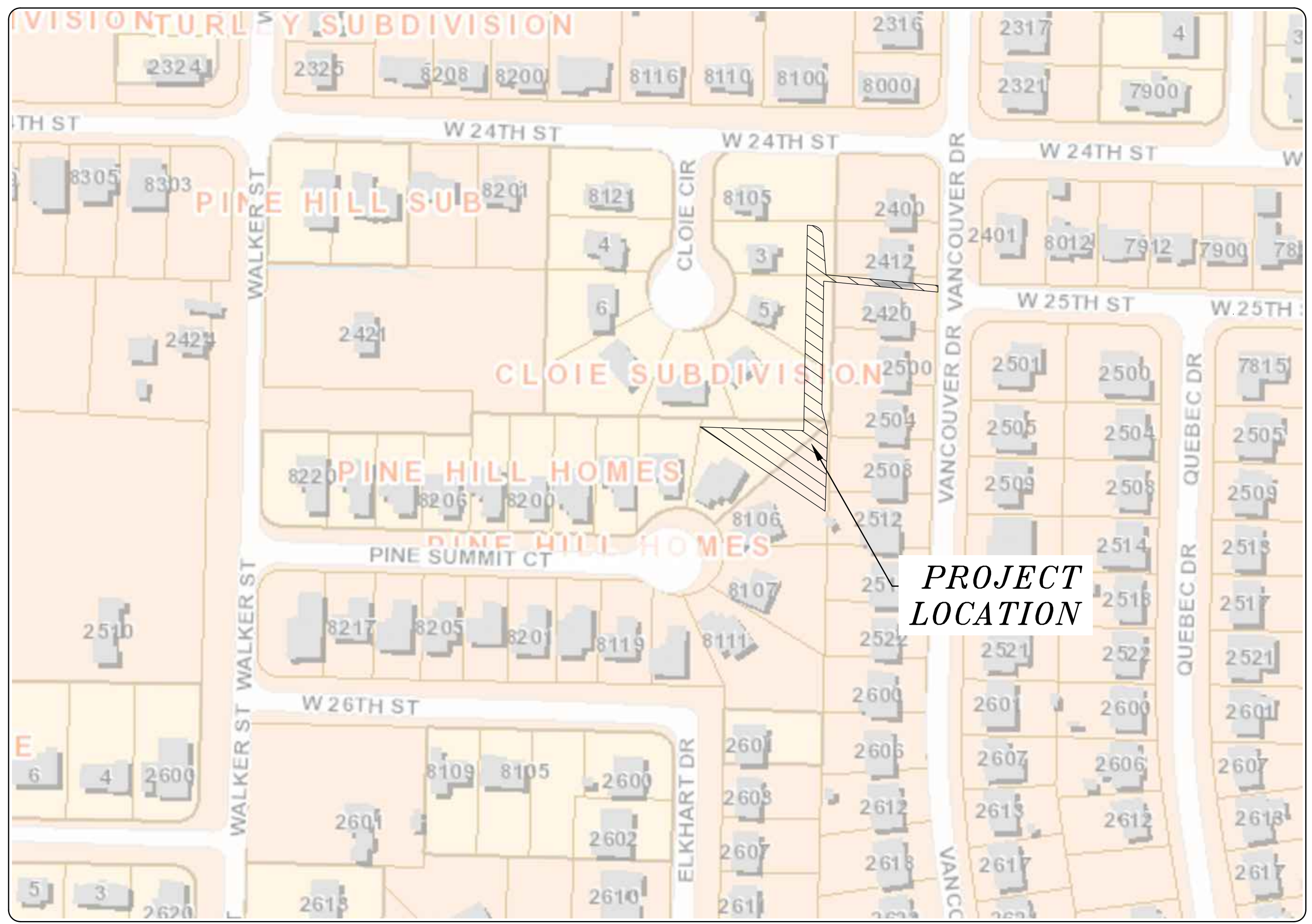


# 06-22-DR-002 PINE SUMMIT COURT 8110

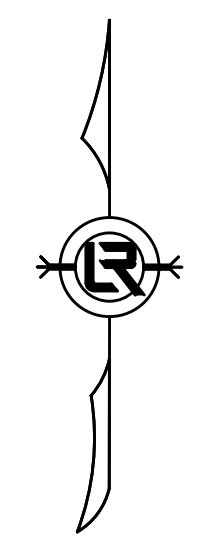
(PIPE OUTFALL FROM DETENTION TO VANCOUVER)



PROJECT LOCATION - WARD 6



SHEET NO.	COVER SHEET	TITLE
C 100	COVER SHEET	
C 200	LEGEND	
C 300	FIELD TIES/LAYOUT SHEET	
C 400	EXISTING CONDITIONS	
C 401	GENERAL TOPO SHEET	
C 500	DRAINAGE PLAN AND PROFILE	
C 501	DRAINAGE PLAN AND PROFILE	
C 502	CROSS SECTIONS	
C 503	DETENTION PLAN	
C 504	SITE DETAIL	
C 600	EROSION CONTROL PLAN - PHASE I	
C 601	EROSION CONTROL PLAN - PHASE II	
C 602	EROSION CONTROL PLAN - PHASE III	



**2023-2025  
BOND PROGRAM**

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 WEST MARKHAM STREET  
LITTLE ROCK, ARKANSAS 72201



**Harbor**  
5800 Evergreen Drive  
Little Rock, AR 72205  
Ph (501) 663-8800  
Fax (501) 588-0123  
www.harboenv.com

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110  
PROJECT VICINITY

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



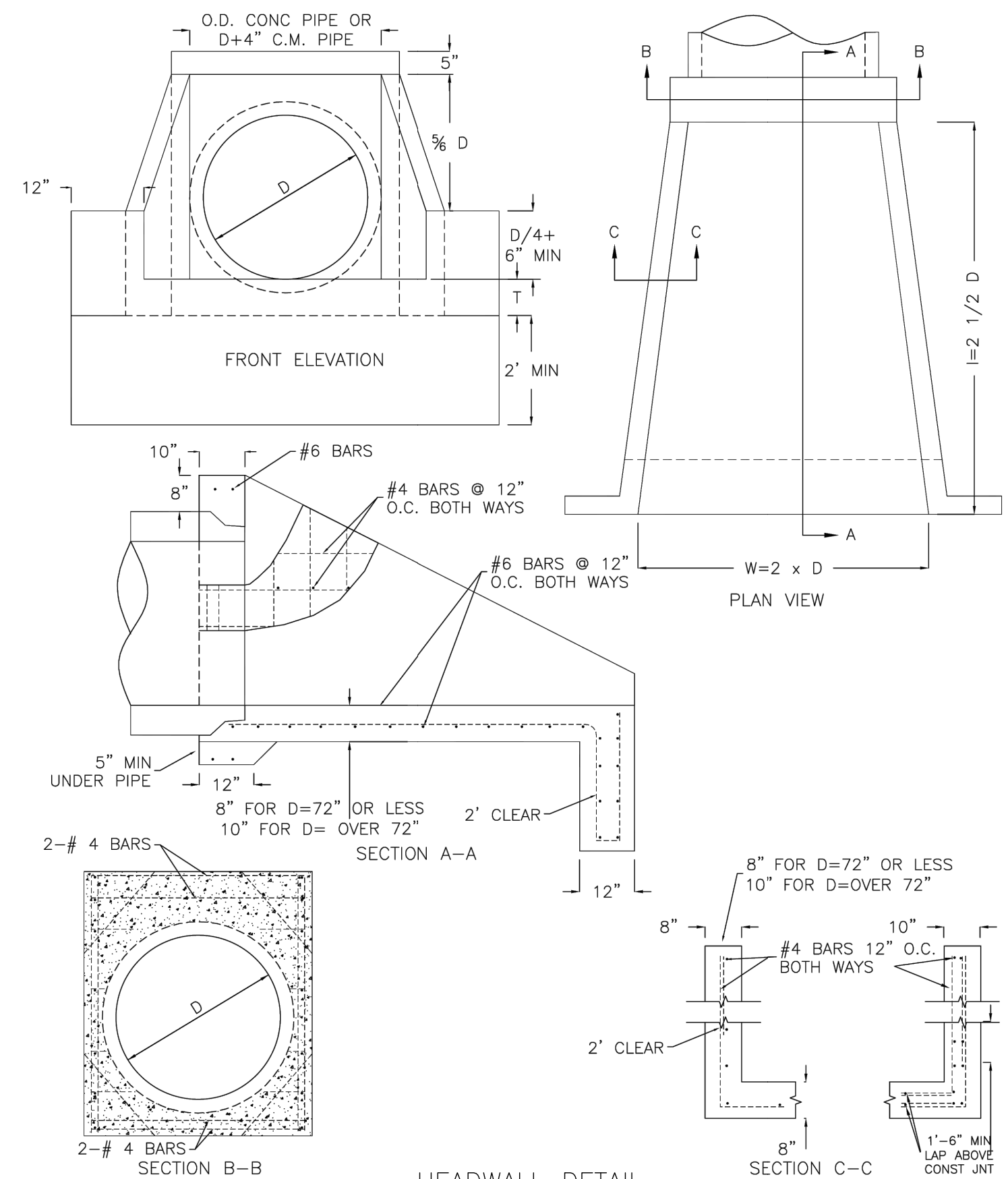
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DESIGNED	JNS
CHECKED	AHR
DATE	11/12/2024
SCALE	1" = 100'
PROJECT NO.	06-22-DR-002
SHEET NO.	C100

N:\HELegacy\Public\Client\Folders A - D\CITLR City of Little Rock\23422 Engineering\Rev for LR (A, projects)\06-22-DR-002 Pine Summit Court Drainage from #8110 Pine Summit to Vancouver Drive Drawings\CITLR Pine Summit Court Drainage RB\_75.dwg

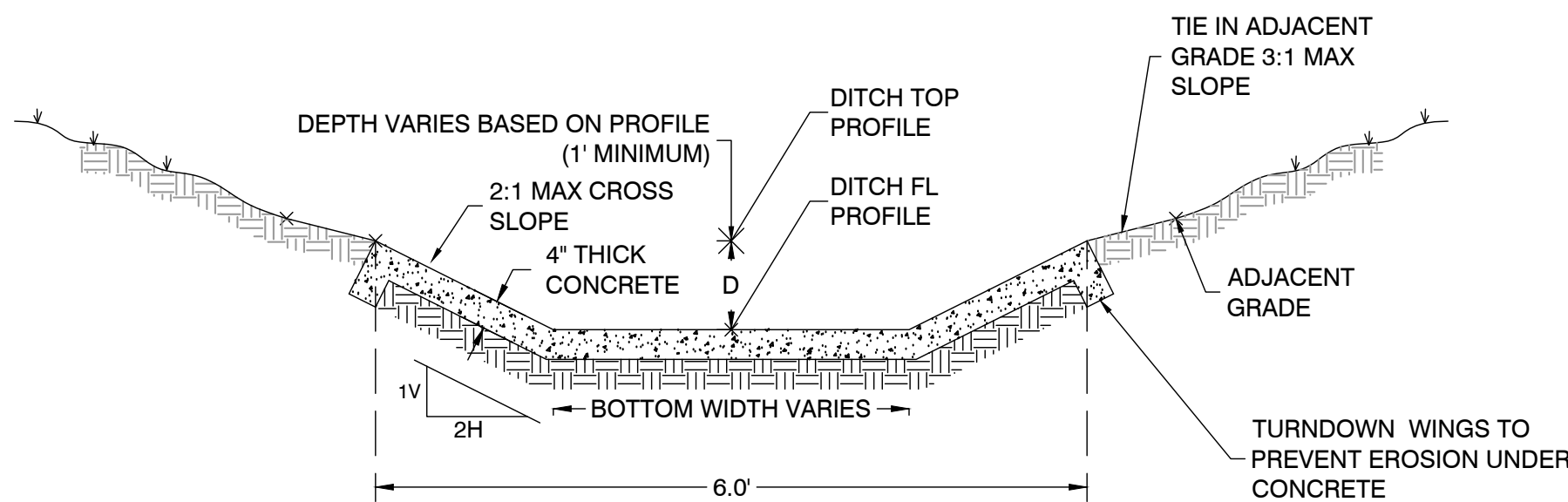
CLR PROJECT # 06-22-DR-002			
PINE SUMMIT COURT 8110			
9/6/2024			
ITEM NO.	DESCRIPTION OF ITEMS	CONTRACT QUANTITY	UNIT
2.01	SITE PREPARATION	1	L.S.
3.01	UNCLASSIFIED EXCAVATION	298	C.Y.
3.02	COMPACTED EMBANKMENT	237	C.Y.
7.04	CONCRETE DRIVEWAY (4" THICK), STANDARD FINISH (CHANNEL)	1304	S.F.
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH (CHANNEL)	367	S.F.
10.01	JUNCTION BOX - 4' BOX	1	EA
10.01	JUNCTION BOX - 6' BOX	1	EA
11.05	REINFORCED CONCRETE PRECAST HEADWALL 24"	2	EA
11.25	SEGMENTAL RETAINING WALL (REPLACE AS NECESSARY)	311	S.F.
13.61	TIE INTO EXISTING JUNCTION BOX	1	EA
14.01	SOLID SODDING (BERMUDA)	900	S.Y.
16.01	MAINTENANCE OF TRAFFIC	1	L.S.
18.01	REMOVE AND REPLACE FENCE	294	L.F.
18.10*	MANHOLE RINGS & COVERS ADJUSTED TO GRADE*	1	EA
18.45*	RIP RAP EMBANKMENT*	55	S.F.
19.01	FINAL CLEAN UP	1	L.S.
24.01	SILT FENCE, TYPE A (SFA)	260	L.F.
24.03	SEDIMENT BARRIER, SILT FENCE (SD1)	2	EA
24.05	SEDIMENT BARRIER, BLOCK & GRAVEL (SD3)	2	EA
26.10	TRENCH & EXCAVATION SAFETY	1	L.S.
13.15RC	STORM DRAIN PIPE, 15" (SIDE)	32	L.F.
13.24RC	STORM DRAIN PIPE, 24" (SIDE)	155	L.F.
606.15	FLARED END SECTION 15" RCP	1	L.S.
SP-1	DETENTION OUTLET STRUCTURE	1	L.S.
SP-2	PLUG EXISTING PIPE WITH CONCRETE	1	L.S.

**QUANTITY NOTES**

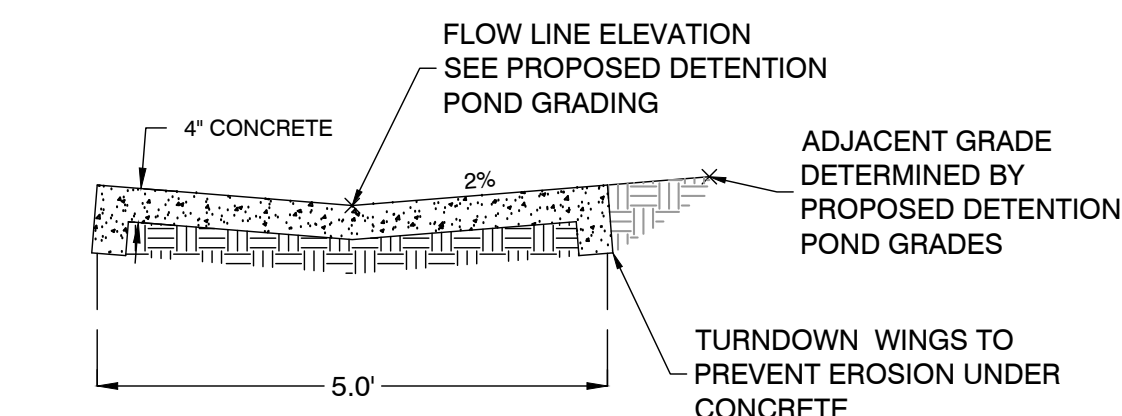
- ITEM 7.04 QUANTITY INCLUDES CONCRETE LINER FOR TRICKLE CHANNEL AT BOTTOM OF PROPOSED DETENTION POND AND CONCRETE LINER FOR TWO PROPOSED DITCHES DISPLAYED ON PLANS.
- CONCRETE SPILLWAY FOR THE DETENTION POND IS A LUMP SUM ITEM MARKED "SP" AND IS NOT INCLUDED WITH THE SF QUANTITY PROVIDED FOR ITEM 7.04.
- EARTHWORK REQUIRED FOR DETENTION IS 282.25 CUBIC YARDS OF CUT MATERIAL AND 46.79 CUBIC YARDS OF FILL MATERIAL. CONSIDERING AN ADJUSTMENT BASED ON 100 SF OF 4" THICK CONCRETE (INCREASES TO NET CUT MATERIAL) YIELDS A NET CUT MATERIAL QUANTITY OF 237 CUBIC YARDS. THIS QUANTITY IS ITEMIZED AS COMPACTED EMBANKMENT (ITEM NO. 3.02).
- EARTHWORK REQUIRED FOR WORK ON THE PROPOSED DITCHES IS 130.18 CY CUT MATERIAL AND 2.13 CUBIC YARDS OF FILL MATERIAL. CONSIDERING AN ADJUSTMENT BASED ON 1243 SF OF 4" THICK CONCRETE (INCREASES NET CUT MATERIAL), YIELDS A NET CUT MATERIAL QUANTITY OF 298 CUBIC YARDS. THIS QUANTITY IS ITEMIZED AS UNCLASSIFIED EXCAVATION (ITEM NO. 3.01).
- ITEM NO. 11.25 IS CONSIDERATION REPLACEMENT OF EXISTING RETAINING WALL LOCATED WITHIN OR NEAR PROPOSED DITCHES AND UNDERGROUND STORM DRAIN CONSTRUCTION. QUANTITY IS BASED ON 124.2 LF WALL AT AVERAGE ESTIMATED HEIGHT OF 2.5 LF.



**HEADWALL DETAIL**  
CITY OF LITTLE ROCK DETAIL PW-4  
NTS



**DITCH REHAB CROSS SECTION DETAIL**  
(NTS)



**DETENTION POND TRICKLE CHANNEL CROSS SECTION DETAIL**  
(NTS)

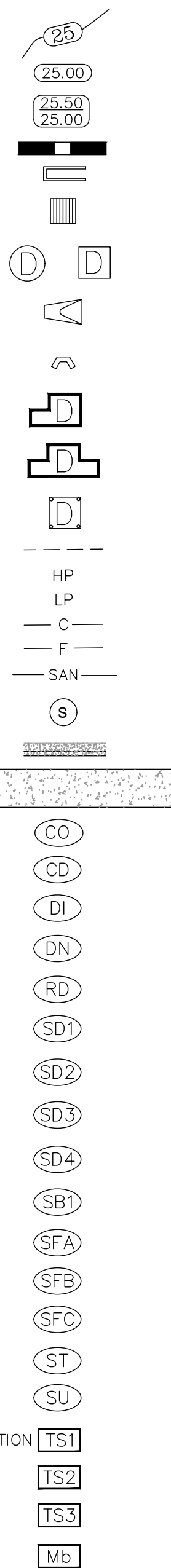
**EXISTING**

- IRON ROD
- PK NAIL
- R.R. SPIKE
- CONC. MONUMENT
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- CLEAN-OUT
- GUARD POST (BOLLARD)
- SIGN POST
- BENCHMARK
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE BOX
- ELECTRIC BOX
- CABLE BOX
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- POST OR POLE (TYPE AS NOTED)
- MAILBOX
- DECIDUOUS TREE
- EVERGREEN/CONIFEROUS TREE
- BUSH
- PROPERTY LINE
- SETBACK LINE
- EASEMENT LINE
- CURB
- FENCE
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- OVERHEAD CABLE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND CABLE
- EXISTING DRAINAGE SWALE
- WATER LINE
- SEWER LINE
- GAS LINE
- STORM SEWER/CULVERT
- EDGE OF WOODS
- CONTOUR LINE



**PROPOSED**

- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED SPOT CURB ELEVATION
- STORM SEWER - PIPE
- STORM SEWER - MITERED END SECTION
- STORM SEWER - GRATE INLET
- STORM SEWER - JUNCTION BOX
- STORM SEWER - FLARED END SECTION
- STORM SEWER - HEADWALL
- STORM SEWER - SINGLE WING
- STORM SEWER - DOUBLE WING
- STORM SEWER - AREA INLET
- GRADE BREAK LINE
- HIGH POINT
- LOW POINT
- CUT LINE
- FILL LINE
- SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- PROPOSED CURB
- PROPOSED CONCRETE
- CONSTRUCTION - ENTRANCE/EXIT
- CHECK DAM
- DIVERSION BERM
- DOWNDRAIN STRUCTURE - TEMPORARY
- ROCK DAM
- SEDIMENT BARRIER - SILT FENCE
- SEDIMENT BARRIER - GRAVEL RING
- SEDIMENT BARRIER - BLOCK & GRAVEL
- SEDIMENT BARRIER - BLOCK
- TEMPORARY SEDIMENT BASIN
- SILT FENCE - TYPE A
- SILT FENCE - TYPE B
- SILT FENCE - TYPE C
- STORM DRAIN OUTLET PROTECTION
- SURFACE ROUGHENING
- DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING
- MATting/BLANKETS



**CIVIL GENERAL NOTES**

- ANY DAMAGE TO LANDSCAPING AREAS, YARDS, FENCES OR SIGNS SHALL BE RESTORED TO CONDITION SATISFACTORY TO THE CITY OF LITTLE ROCK PUBLIC WORKS.
- DISTURBED GRASS AREAS SHALL BE REPLACED BY TOPSOIL AND SEEDING OR HYDROMULCH.
- ARKANSAS STATE LICENSING LAW FOR COMMERCIAL CONTRACTORS ACT 150 OF 1965 AND ACT 162 OF 1987 (AS AMENDED) REQUIRES THE INSTALLATION CONTRACTOR TO HAVE A VALID CONTRACTOR'S LICENSE.
- ALL WORK SHALL CONFORM AS APPLICABLE TO THE CITY OF LITTLE ROCK PUBLIC WORKS DEPARTMENT STANDARD DETAILS FOR STREET AND DRAINAGE FACILITIES IMPROVEMENTS.
- REFER TO TECHNICAL SPECIFICATIONS IN THE PROJECT MANUAL FOR SPECIFIC MATERIAL AND PRODUCT REQUIREMENTS.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110

**LEGEND**

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



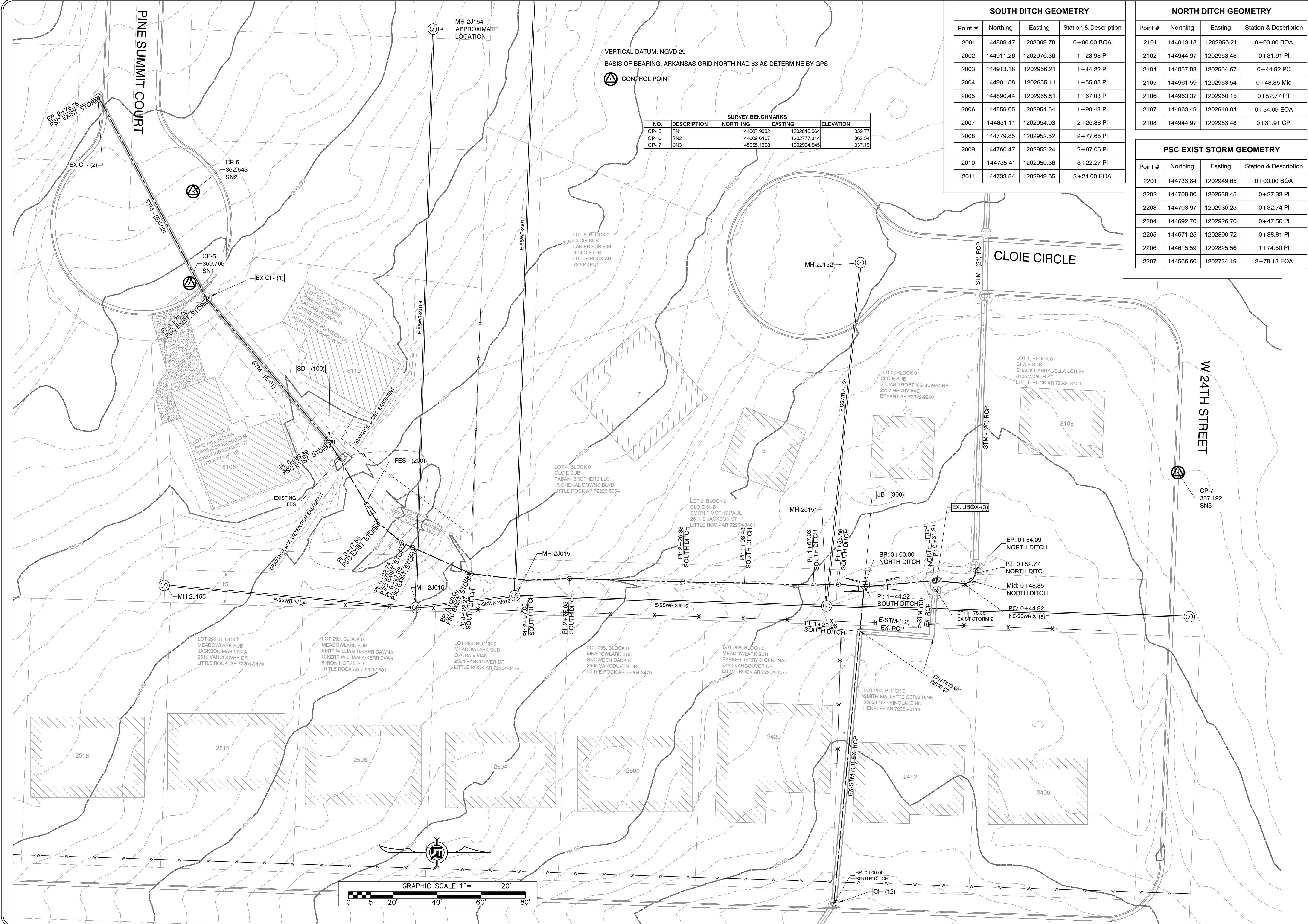
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AHR  
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11/12/2024  
**SCALE**  
1" = AS NOTED

**PROJECT NO.**  
06-22-DR-002

**SHEET NO.**  
C200

N:\H\Legacy\Public\Client\Folders A - D\CTLR City of Little Rock\23422 Engineering\_Serv for LR (4 projects)\06-22-DR-002 Pine Summit Court Drainage from #6110 Pine Summit to Vancouver Drive\Drawings\CTLR Pine Summit Court Drainage R8.76.dwg



VERTICAL DATUM: NGVD 29  
BASIS OF BEARING: ARKANSAS GRID NORTH NAD 83 AS DETERMINE BY GPS

CONTROL POINT

SURVEY BENCHMARKS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
CP-5	SN1	144607.9682	1202818.864	359.77
CP-6	SN2	144609.6107	1202777.314	362.54
CP-7	SN3	145055.1308	1202804.545	337.19

SOUTH DITCH GEOMETRY			
Point #	Northing	Easting	Station & Description
2001	144899.47	1203099.78	0+00.00 BOA
2002	144913.26	1202976.36	1+23.98 PI
2003	144913.18	1202956.21	1+44.22 PI
2004	144901.58	1202955.11	1+55.88 PI
2005	144890.44	1202955.51	1+67.03 PI
2006	144859.05	1202954.54	1+98.43 PI
2007	144831.11	1202954.03	2+26.38 PI
2008	144779.85	1202952.52	2+77.65 PI
2009	144760.47	1202953.24	2+97.05 PI
2010	144735.41	1202950.36	3+22.27 PI
2011	144733.84	1202949.65	3+24.00 EOA

NORTH DITCH GEOMETRY			
Point #	Northing	Easting	Station & Description
2101	144913.18	1202956.21	0+00.00 BOA
2102	144944.97	1202953.48	0+31.91 PI
2104	144957.93	1202954.67	0+44.92 PC
2105	144961.59	1202953.54	0+48.85 Mid
2106	144963.37	1202950.15	0+52.77 PT
2107	144963.49	1202948.84	0+54.09 EOA
2108	144944.97	1202953.48	0+31.91 CPI

PSC EXIST STORM GEOMETRY			
Point #	Northing	Easting	Station & Description
2201	144733.84	1202949.65	0+00.00 BOA
2202	144708.90	1202938.45	0+27.33 PI
2203	144703.97	1202936.23	0+32.74 PI
2204	144692.70	1202926.70	0+47.50 PI
2205	144671.25	1202890.72	0+88.81 PI
2206	144615.59	1202825.56	1+74.50 PI
2207	144566.60	1202734.19	2+78.18 EOA

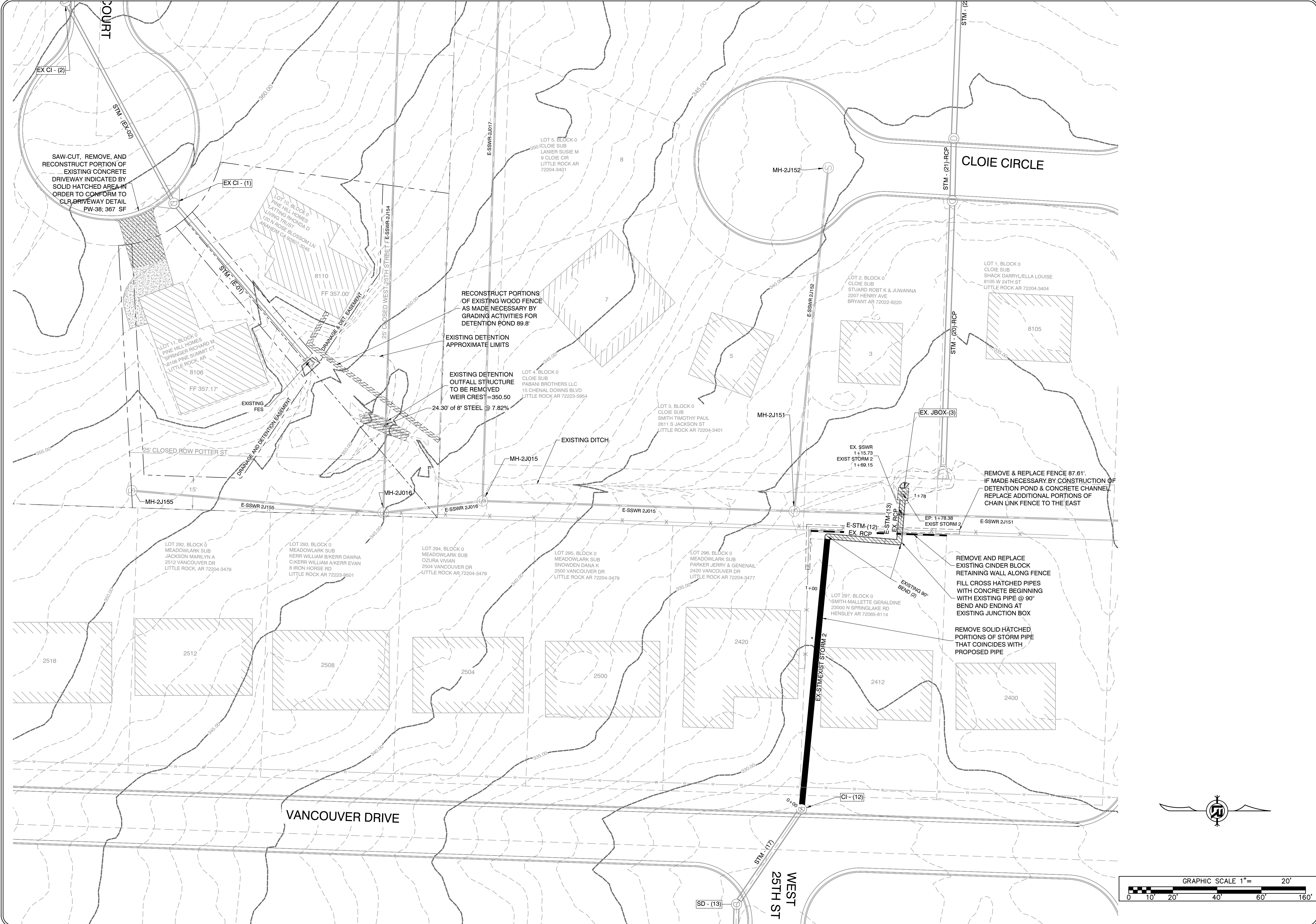
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110  
FIELD TIES/LAYOUT SHEET

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



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06-22-DR-002  
SHEET NO.  
C300



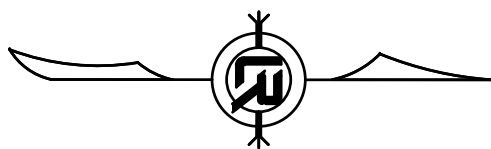
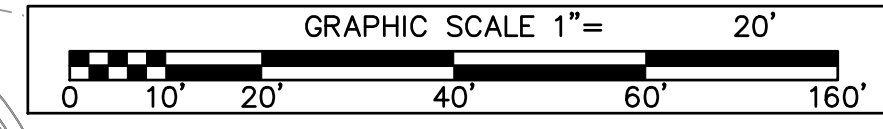
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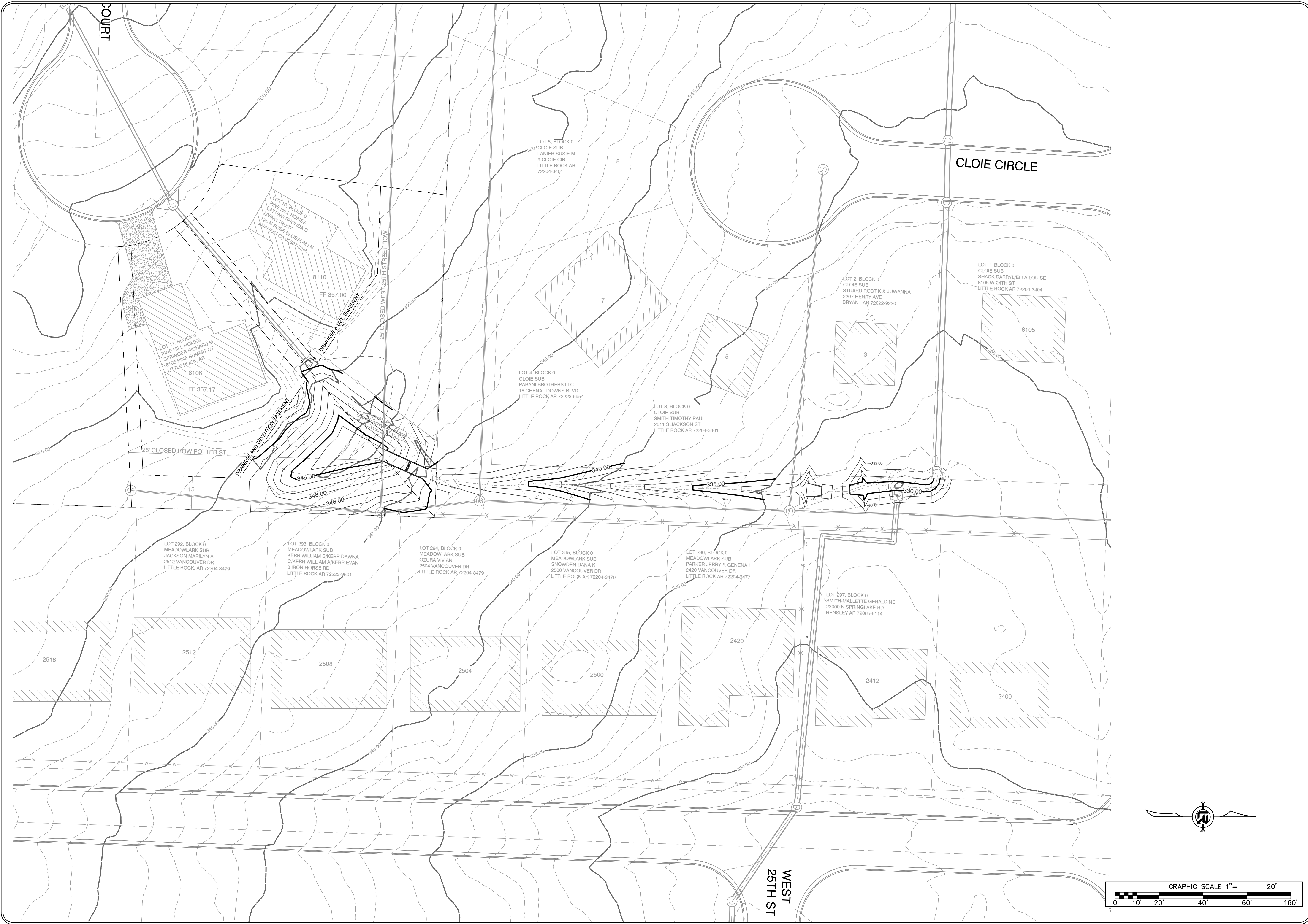
CITY OF LITTLE ROCK, ARKANSAS  
 PINE SUMMIT COURT 8110  
 EXISTING SITE CONDITIONS

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



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 06-22-DR-002  
 SHEET NO.  
**C400**





REVISIONS	DATE

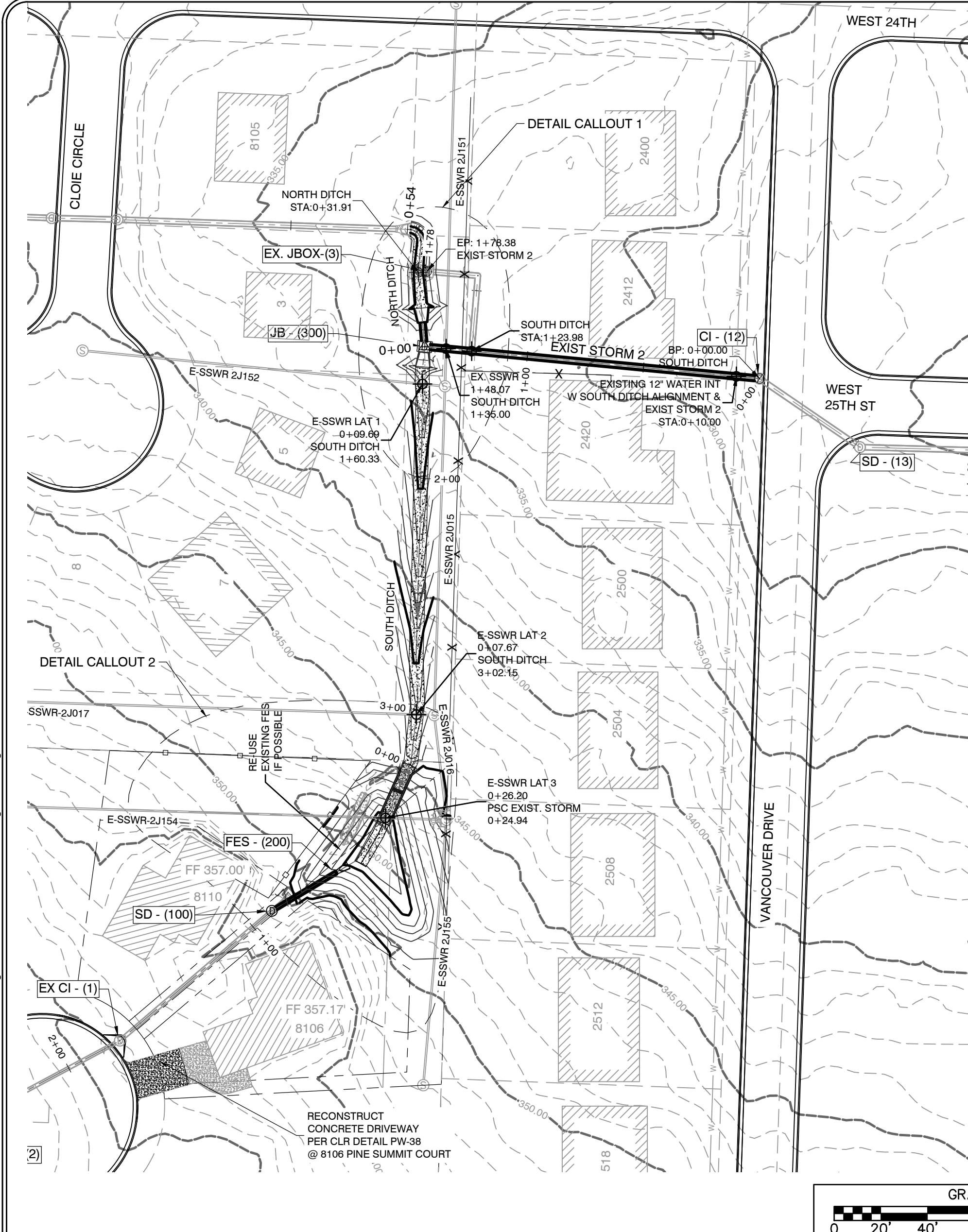
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PINE SUMMIT COURT 8110  
GENERAL TOPO SHEET

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



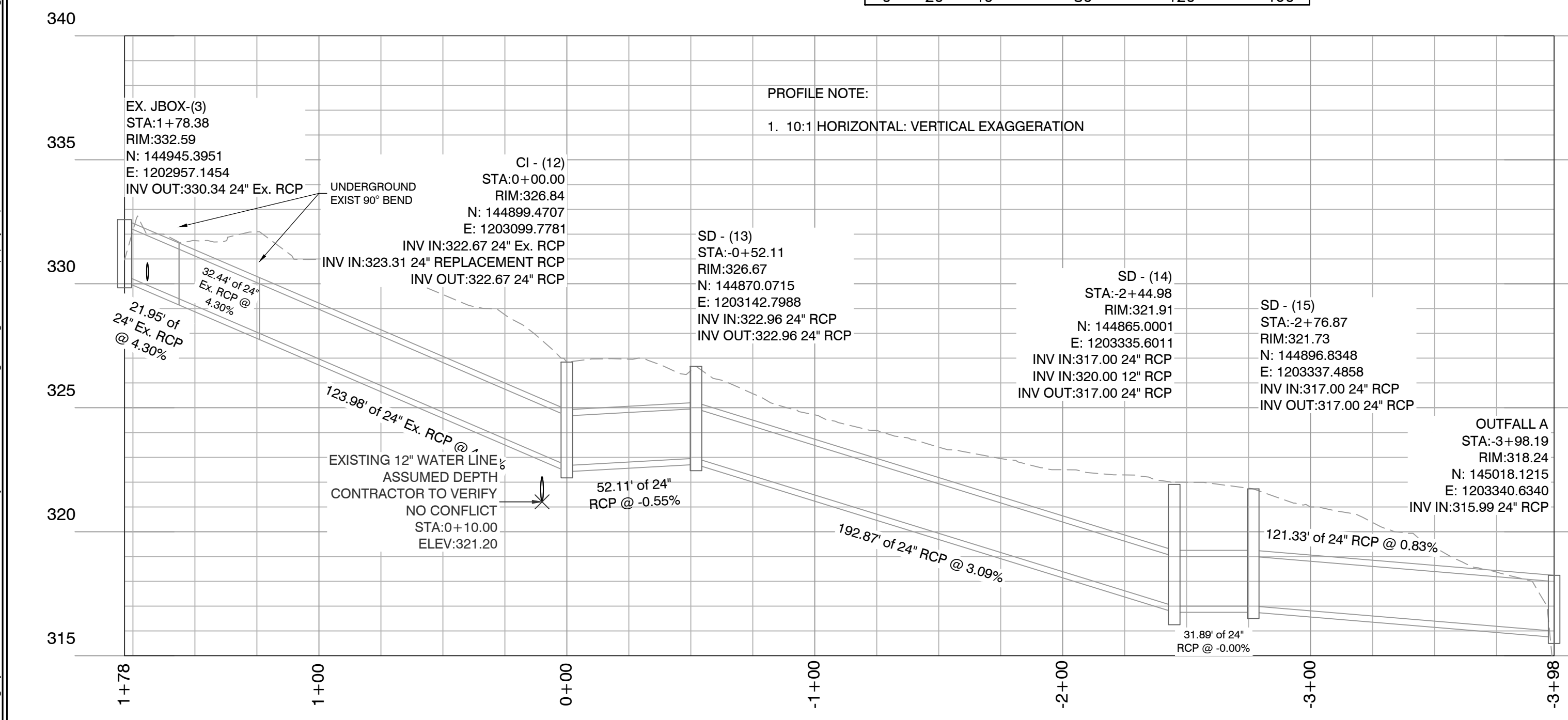
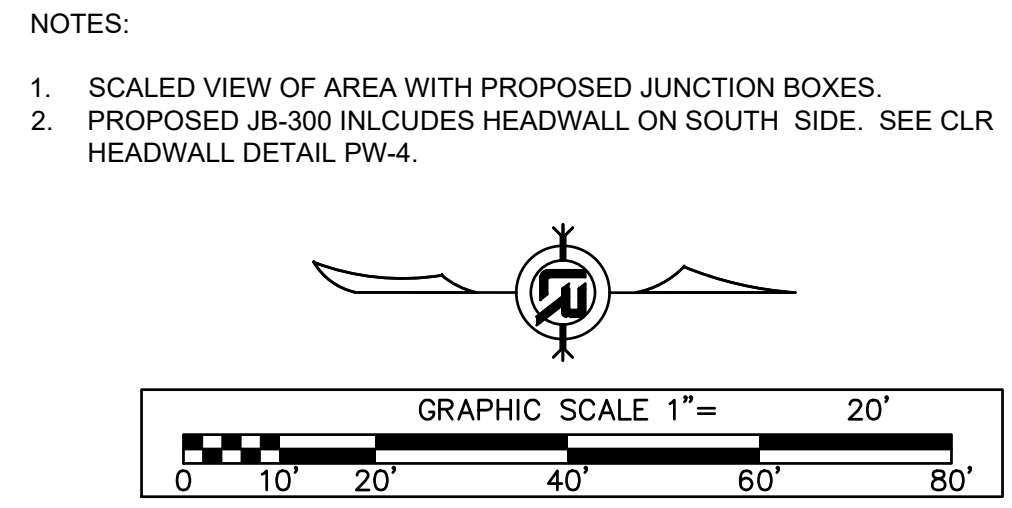
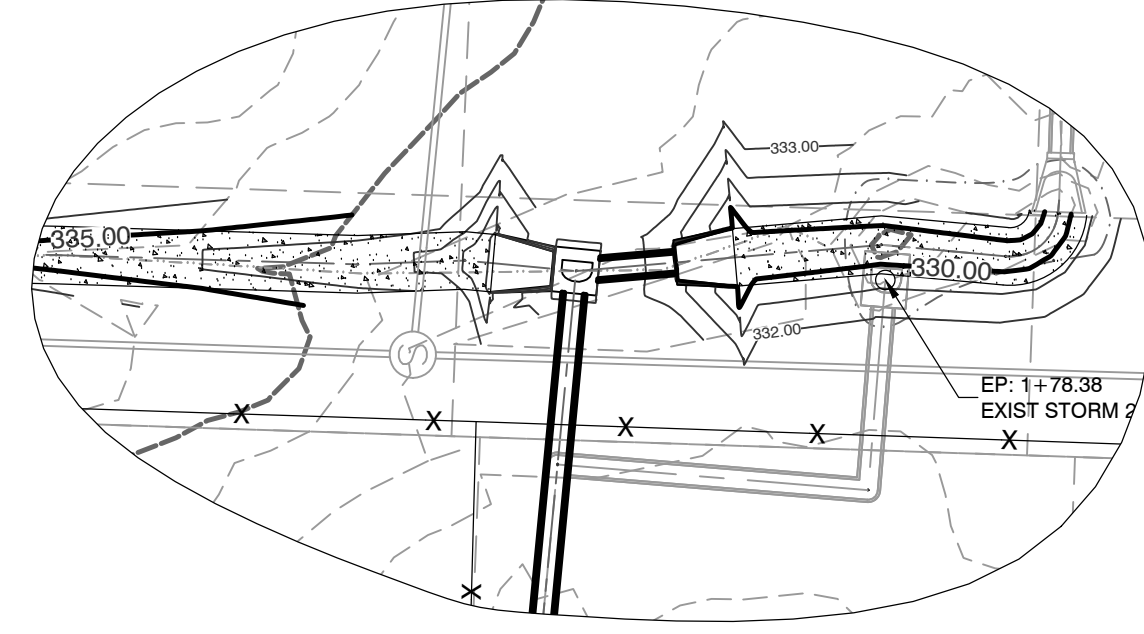
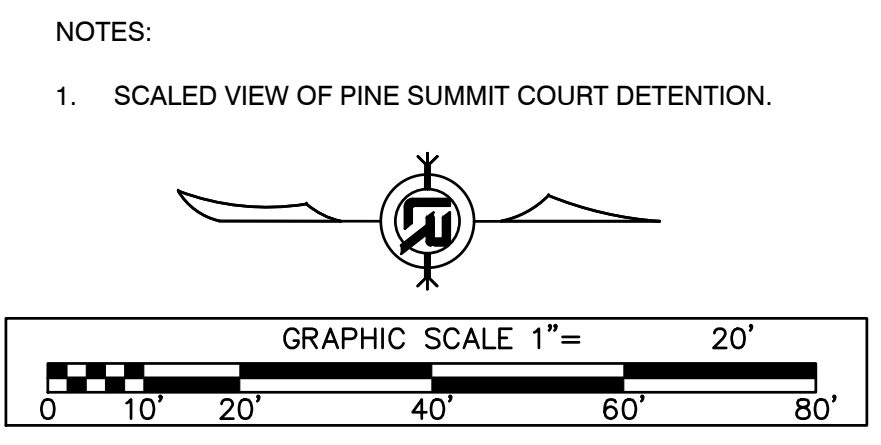
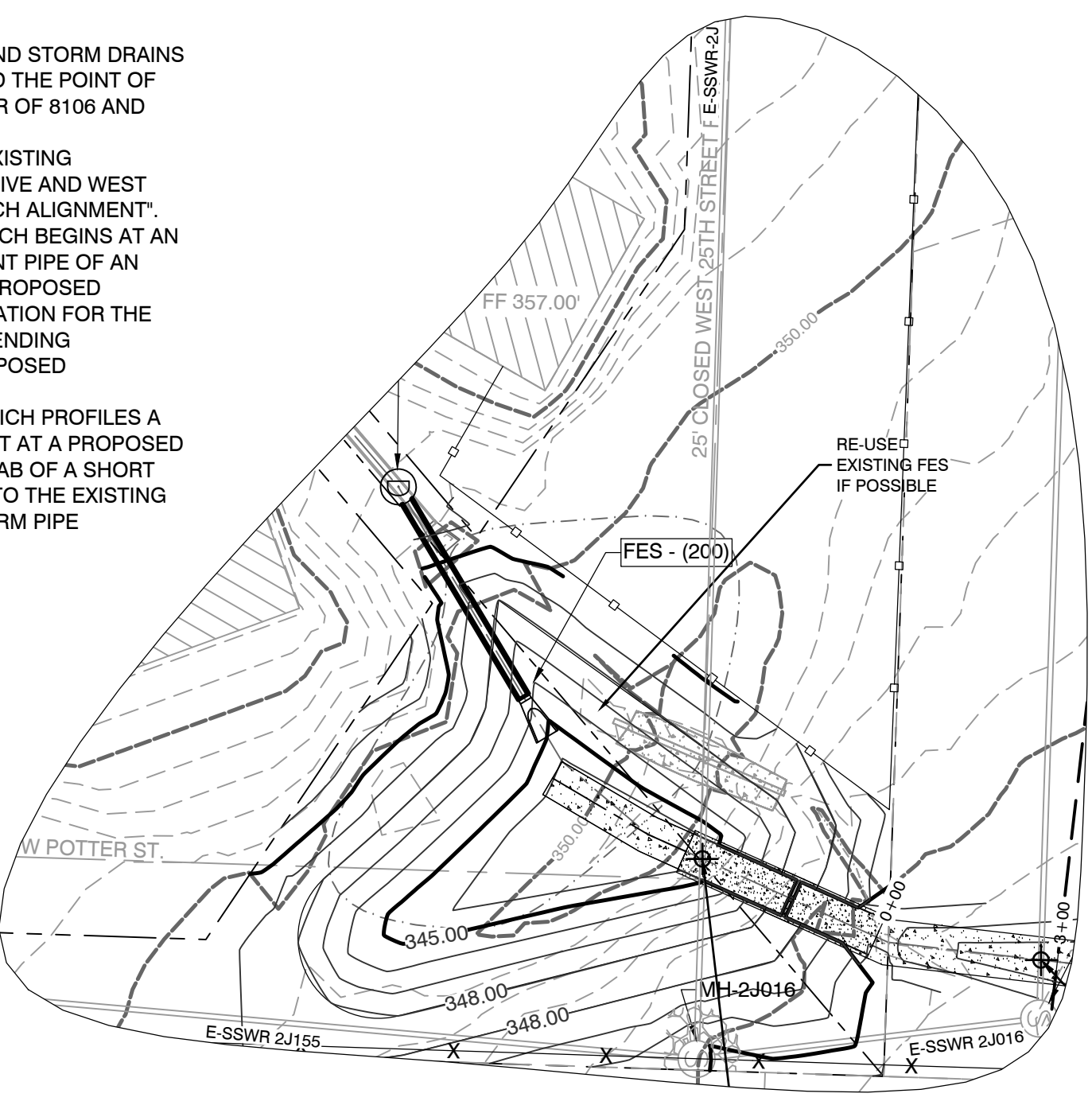
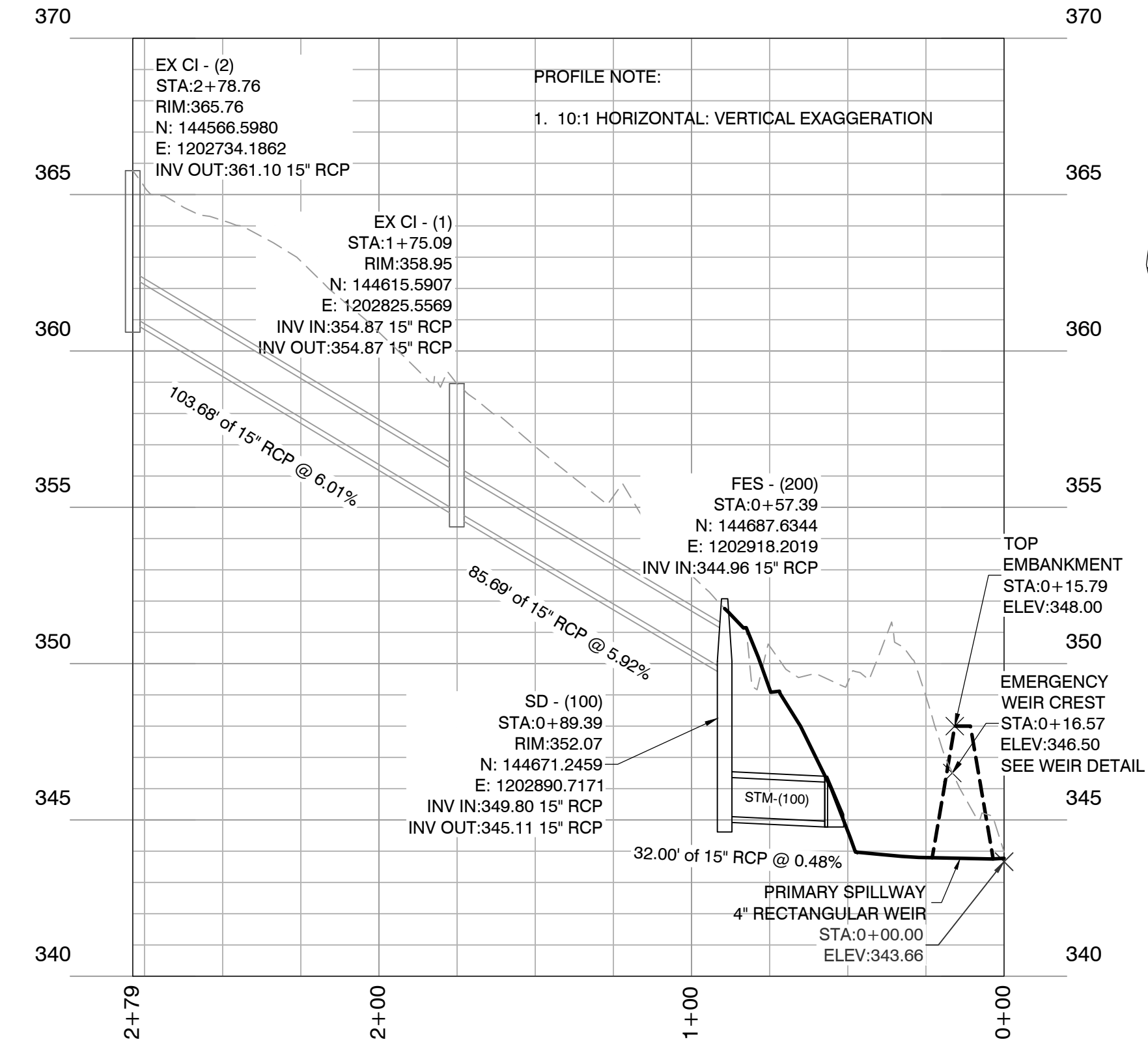
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06-22-DR-002  
SHEET NO.  
C401

N:\HELegacy\Public\Client\Folders A - D\CLTR City of Little Rock\23422 Engineering Serv for LR (4 projects)\06-22-DR-002 Pine Summit Court Drainage from #6110 Pine Summit to Vancouver Drive Drawings\CLTR Pine Summit Court Drainage R87.76.dwg



- ### GRADING AND DRAINAGE NOTES
- REHAB OF EXISTING DITCH INCLUDES CONSTRUCTION OF A CONCRETE CHANNEL (SECTION DETAIL PROVIDED), CLEARING DEBRIS FROM DRAINAGE EASEMENT, TRIMMING VEGETATION WHICH IS OBSTRUCTING DEFINED DITCH, AND RESHAPING THE SIDE SLOPES ADJACENT TO THE SECTION OF CONCRETE CHANNEL AS NECESSARY ALONG THE LINEAR ALIGNMENTS ANNOTATED ON PLAN AS SOUTH DITCH AND NORTH DITCH.
  - EXISTING J-BOX 3 HAS OPENING ON WEST SIDE WHICH CURRENTLY RECEIVES RUNOFF FROM CLOIE CIRCLE UNDERGROUND STORM DRAINS AND PINE SUMMIT COURT DETENTION.
  - EXISTING J-BOX 3 WILL BE REMOVED AND CONNECTED PIPE SEGMENT WILL BE SEALED AND ABANDONED AS SHOWN ON PLANS.
  - EXISTING RC STORM PIPE RUNNING BETWEEN 2412 & 2420 VANCOUVER DRIVE AND DISCHARGING TO AN EXISTING CURB INLET ON VANCOUVER DRIVE WILL BE REPLACED WITH ADJUSTED IN/OUT FLOW LINE ELEVATIONS AS SHOWN ON PROFILE.

- ### DRAINAGE PLAN & PROFILE NOTES
- "PSC EXIST STORM" ALIGNMENT IS THE STORM ALIGNMENT PROFILING THE EXISTING UNDERGROUND STORM DRAINS FOR THE PINE SUMMIT COURT CUL-DE-SAC AND EXTENDS DOWNSTREAM TO A POINT JUST BEYOND THE POINT OF DISCHARGE FOR THE PROPOSED DETENTION POND OUTLET LOCATED AT THE NORTHEAST CORNER OF 8106 AND 8110 PINE SUMMIT COURT.
  - "EX STORM 2" ALIGNMENT IS AN UNDERGROUND STORM DRAIN ALIGNMENT THAT PROFILES THE EXISTING UNDERGROUND STORM DRAIN NETWORK WHICH CROSSES THE INTERSECTION OF VANCOUVER DRIVE AND WEST 25TH STREET. STATION 0+00 OF SAID ALIGNMENT COINCIDES WITH STATION 0+00 OF "SOUTH DITCH ALIGNMENT".
  - "SOUTH DITCH" ALIGNMENT IS A SURFACE AND UNDERGROUND STORM DRAINAGE ALIGNMENT WHICH BEGINS AT AN EXISTING CURB INLET ON THE WEST CURB OF VANCOUVER DRIVE AND PROFILES THE REPLACEMENT PIPE OF AN EXISTING UNDERGROUND STORM DRAIN PIPE BEGINNING AT SAID CURB INLET AND ENDING AT A PROPOSED JUNCTION BOX JB-(300) AND PROFILES THE DITCH FLOW LINE ELEVATION AND TOP OF DITCH ELEVATION FOR THE PROPOSED REHAB OF A SEGMENT OF EXISTING DRAINAGE DITCH BEGINNING AT JB-(300) AND EXTENDING UPSTREAM TO A POINT LOCATED JUST DOWNSTREAM OF THE POINT OF DISCHARGE FOR THE PROPOSED DETENTION POND OUTLET.
  - "NORTH DITCH ALIGNMENT" IS A SURFACE AND UNDERGROUND STORM DRAINAGE ALIGNMENT WHICH PROFILES A PROPOSED PIPE "STM-200" EXTENDING UPSTREAM NORTH FROM JBOX-300 TO A POINT OF DAYLIGHT AT A PROPOSED HEADWALL AS WELL AS THE DITCH FLOW LINE ELEVATION AND TOP OF DITCH ELEVATION FOR REHAB OF A SHORT SEGMENT OF DRAINAGE DITCH WHICH RECEIVES RUNOFF FROM CLOIE CIRCLE AND DISCHARGES TO THE EXISTING JBOX-3. THE PROPOSED REHAB OF SAID DRAINAGE DITCH WILL BE RE-ROUTED TO PROPOSED STORM PIPE "STM-200".
  - RE-USE EXISTING FES (FLARED END SECTION) TO CONSTRUCT PROPOSED FES-(200) IF POSSIBLE.



**EXIST STORM 2**

REVISIONS	DATE

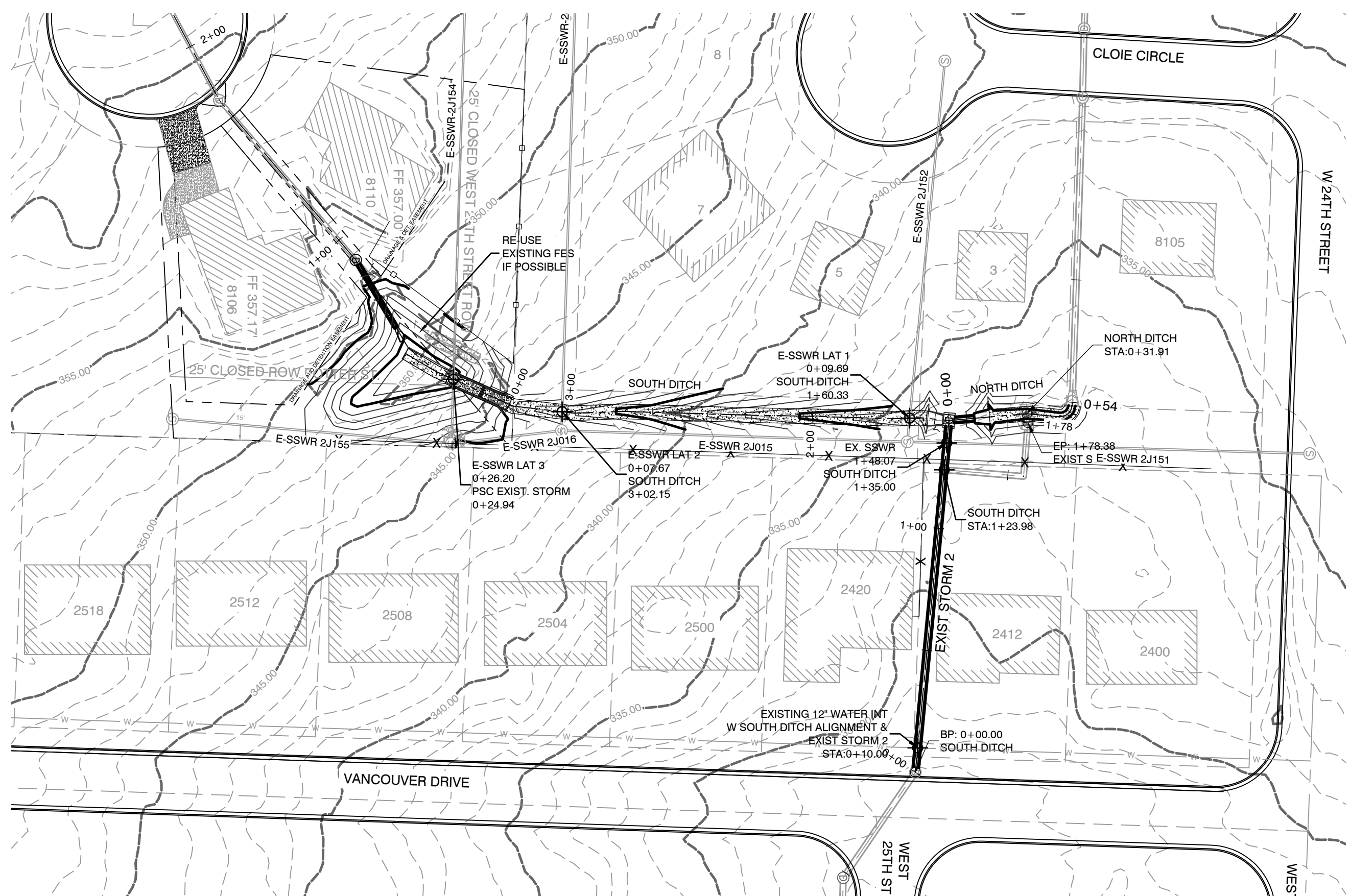
CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110  
DRAINAGE PLAN AND PROFILE

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



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11/12/2024  
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1"=AS NOTED  
**PROJECT NO.**  
06-22-DR-002  
**SHEET NO.**  
C500

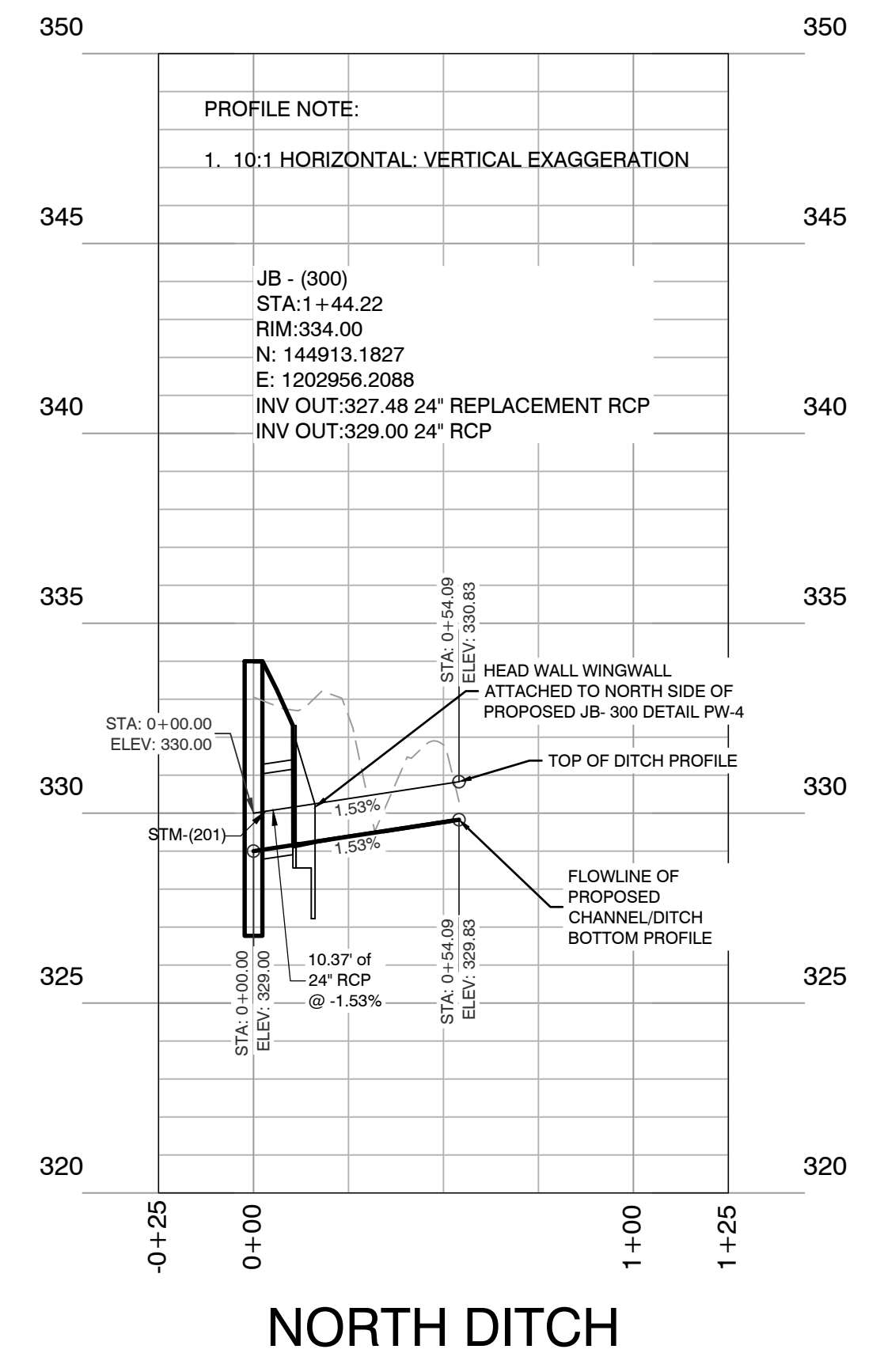
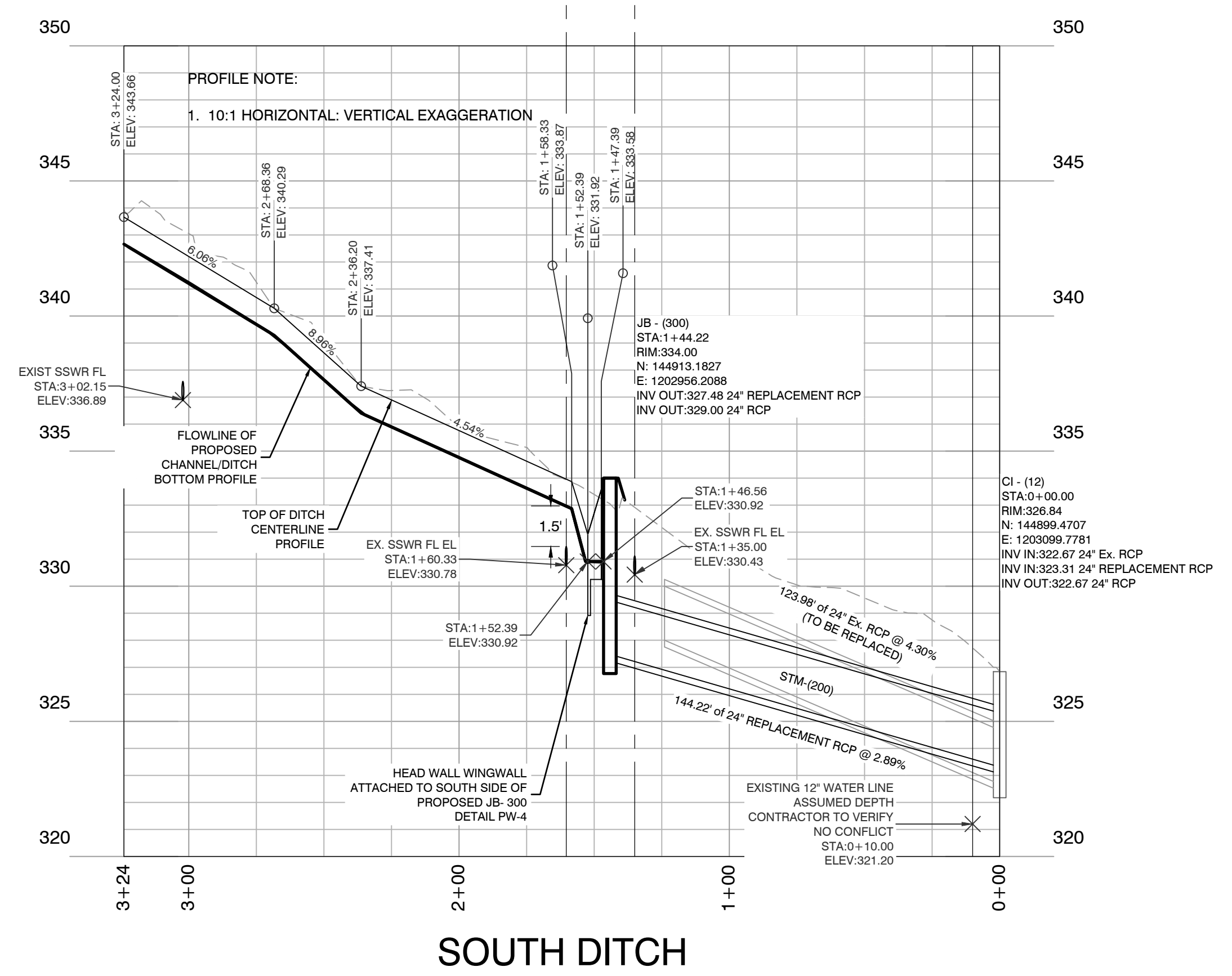
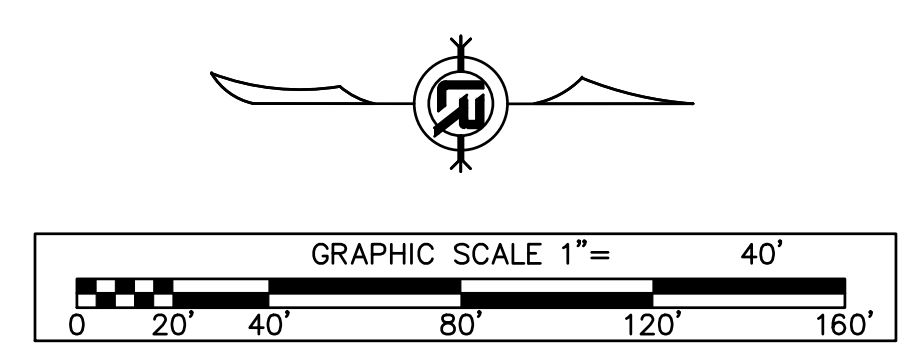
N:\HELegacy\Public\Client\Folders A - D\CLTR City of Little Rock\23422 Engineering Serv for LR (4 projects)\06-22-DR-002 Pine Summit Court Drainage from #6110 Pine Summit to Vancouver Drive\Drawings\CLTR Pine Summit Court Drainage R8.76.dwg



- ### GRADING AND DRAINAGE NOTES
- REHAB OF EXISTING DITCH INCLUDES CONSTRUCTION OF A CONCRETE CHANNEL (SECTION DETAIL PROVIDED), CLEARING DEBRIS FROM DRAINAGE EASEMENT, TRIMMING VEGETATION WHICH IS OBSTRUCTING DEFINED DITCH, AND RESHAPING THE SIDE SLOPES ADJACENT TO THE SECTION OF CONCRETE CHANNEL AS NECESSARY ALONG THE LINEAR ALIGNMENTS ANNOTATED ON PLAN AS SOUTH DITCH AND NORTH DITCH.
  - EXISTING J-BOX 3 HAS OPENING ON WEST SIDE WHICH CURRENTLY RECEIVES RUNOFF FROM CLOIE CIRCLE UNDERGROUND STORM DRAINS AND PINE SUMMIT COURT DETENTION.
  - EXISTING J-BOX 3 WILL BE REMOVED AND CONNECTED PIPE SEGMENT WILL BE SEALED AND ABANDONED AS SHOWN ON PLANS.
  - EXISTING RC STORM PIPE RUNNING BETWEEN 2412 & 2420 VANCOUVER DRIVE AND DISCHARGING TO AN EXISTING CURB INLET ON VANCOUVER DRIVE WILL BE REPLACED WITH ADJUSTED IN/OUT FLOW LINE ELEVATIONS AS SHOWN ON PROFILE.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 PINE SUMMIT COURT 8110  
 DRAINAGE PROFILES



DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



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 PROJECT NO.  
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 SHEET NO.  
**C501**

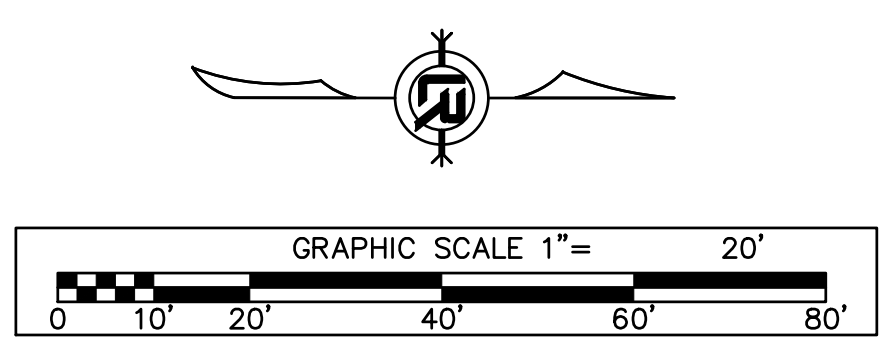
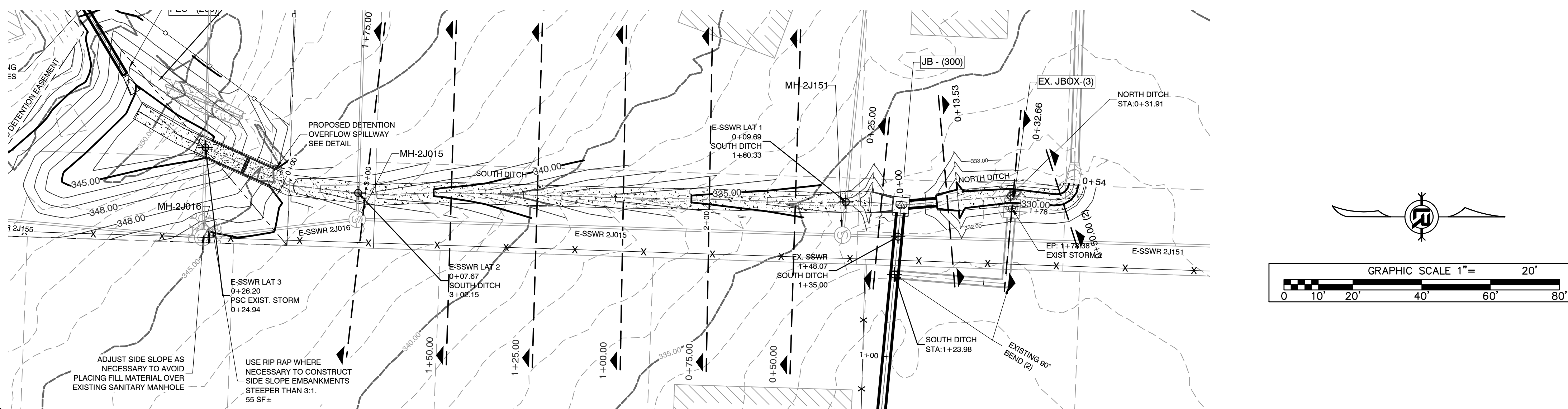
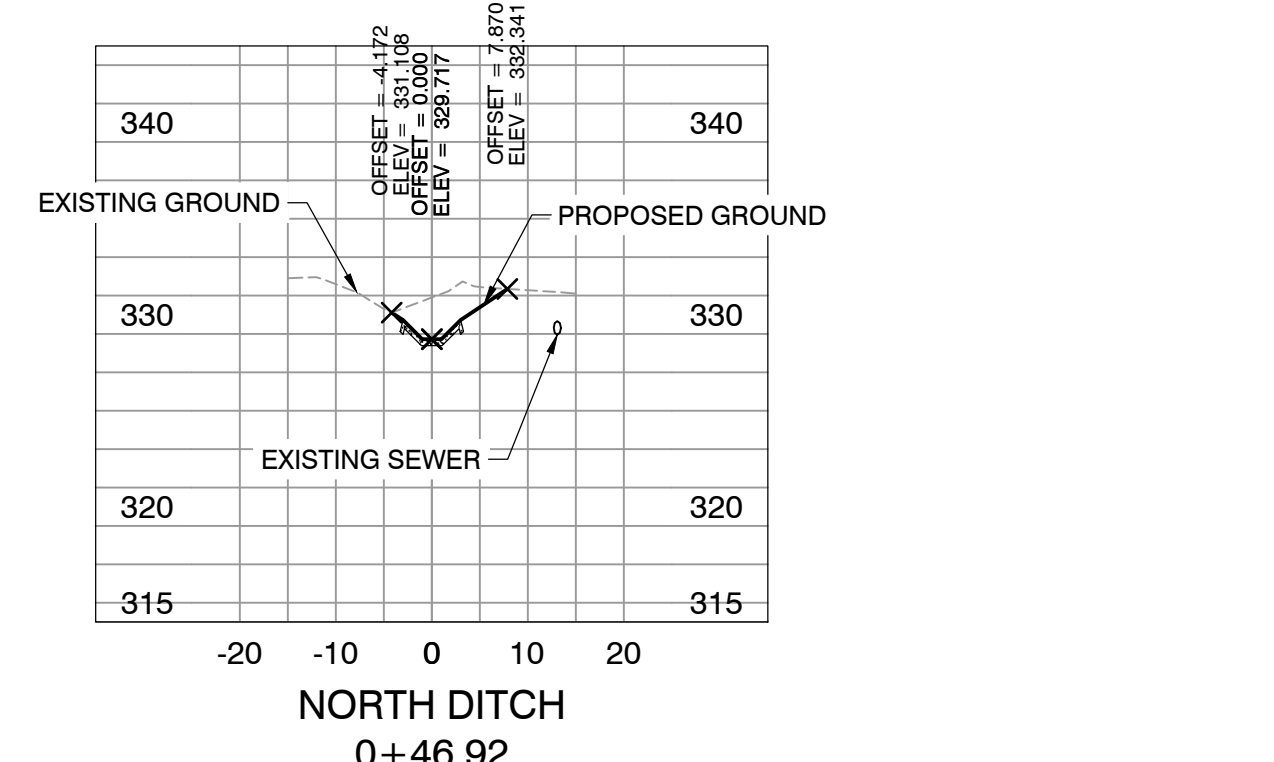
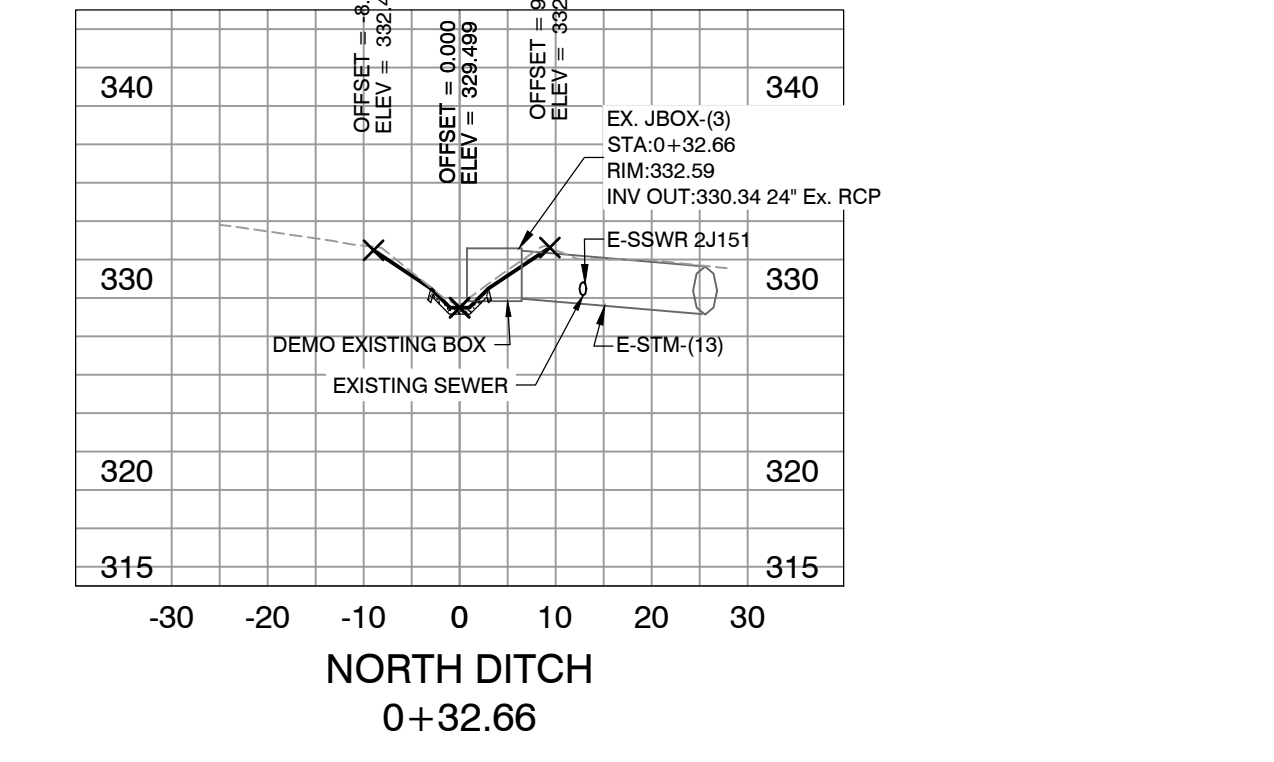
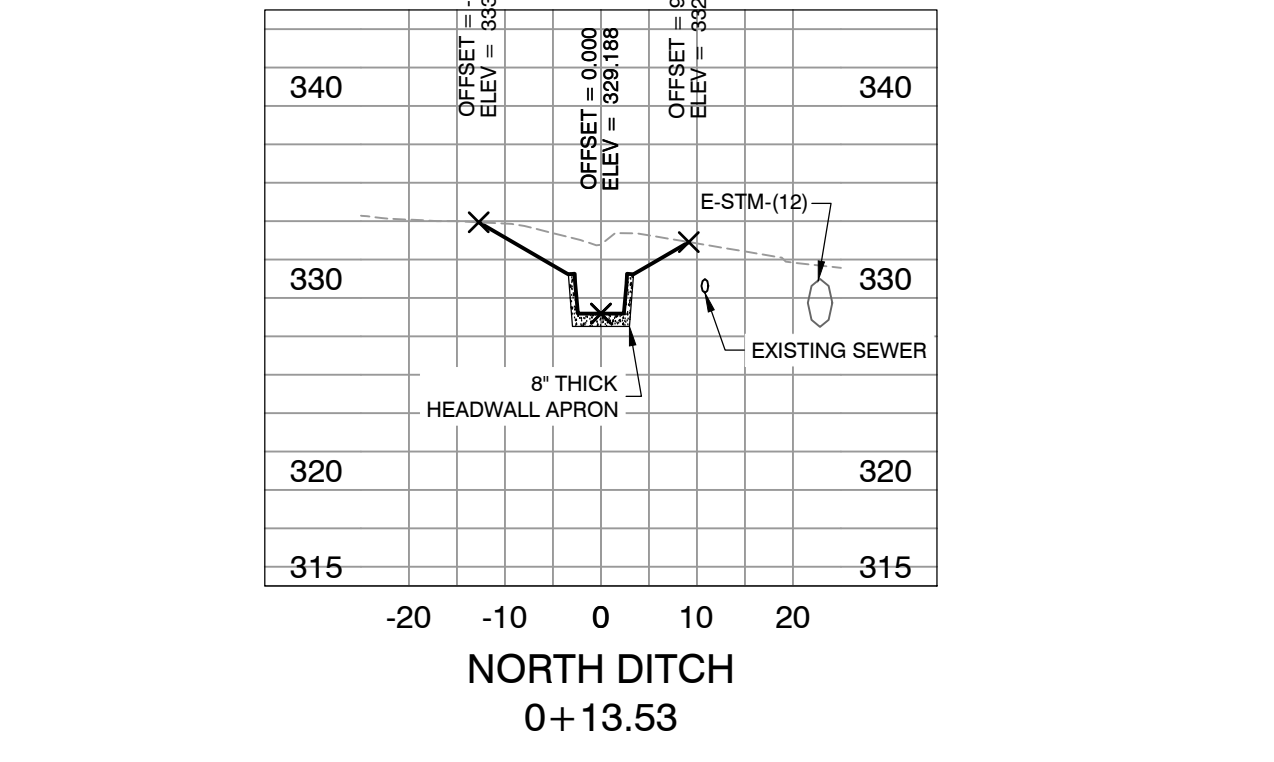
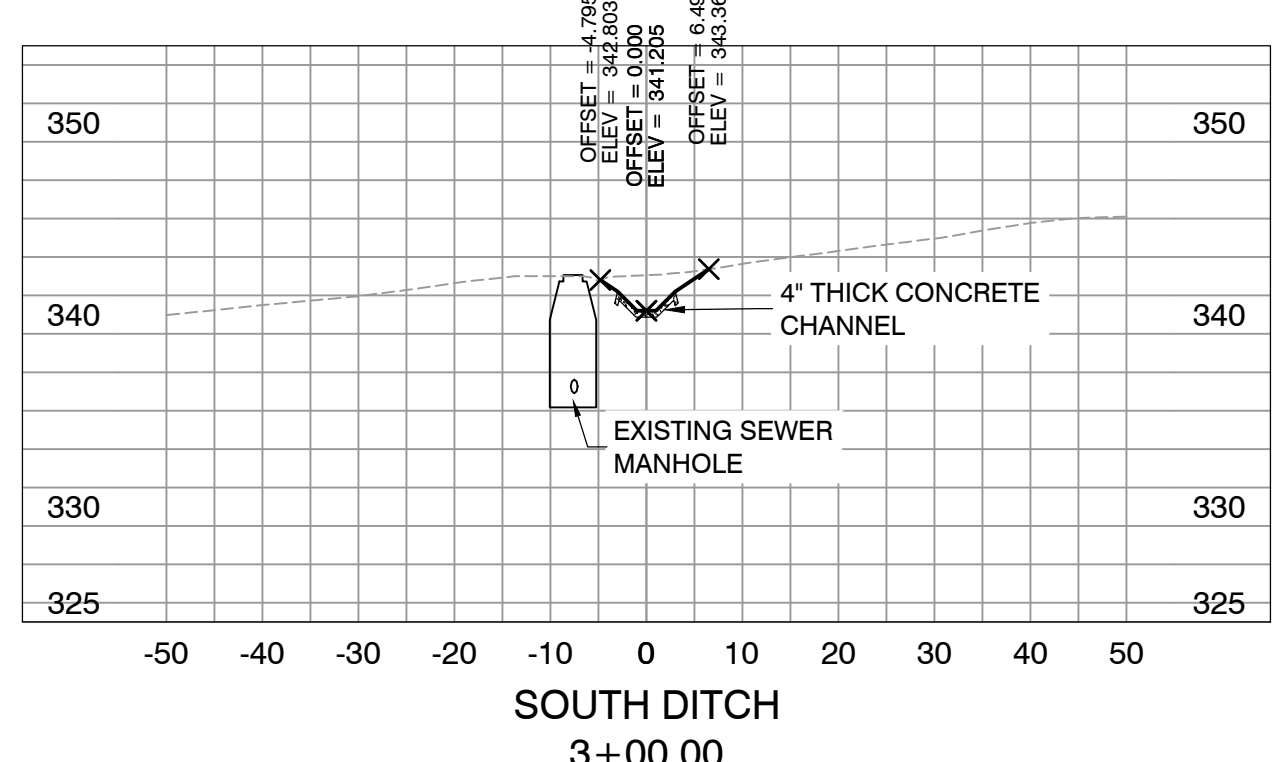
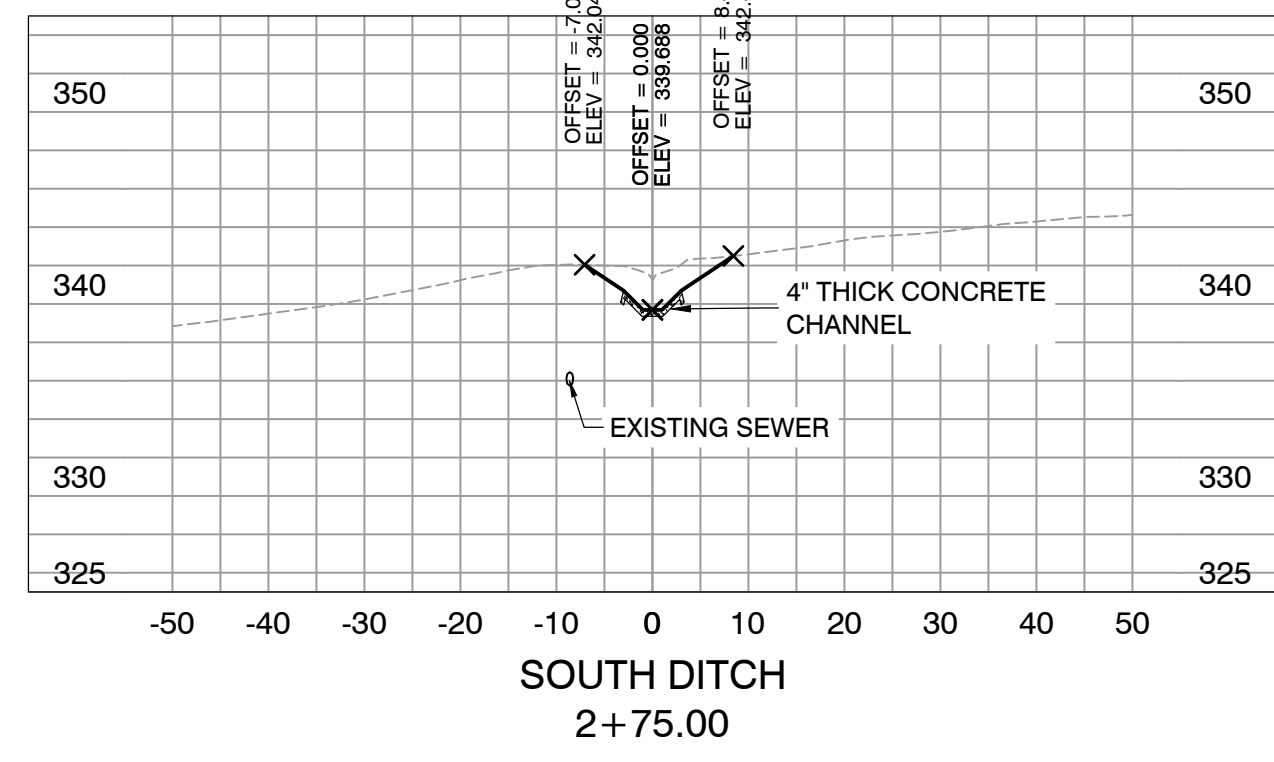
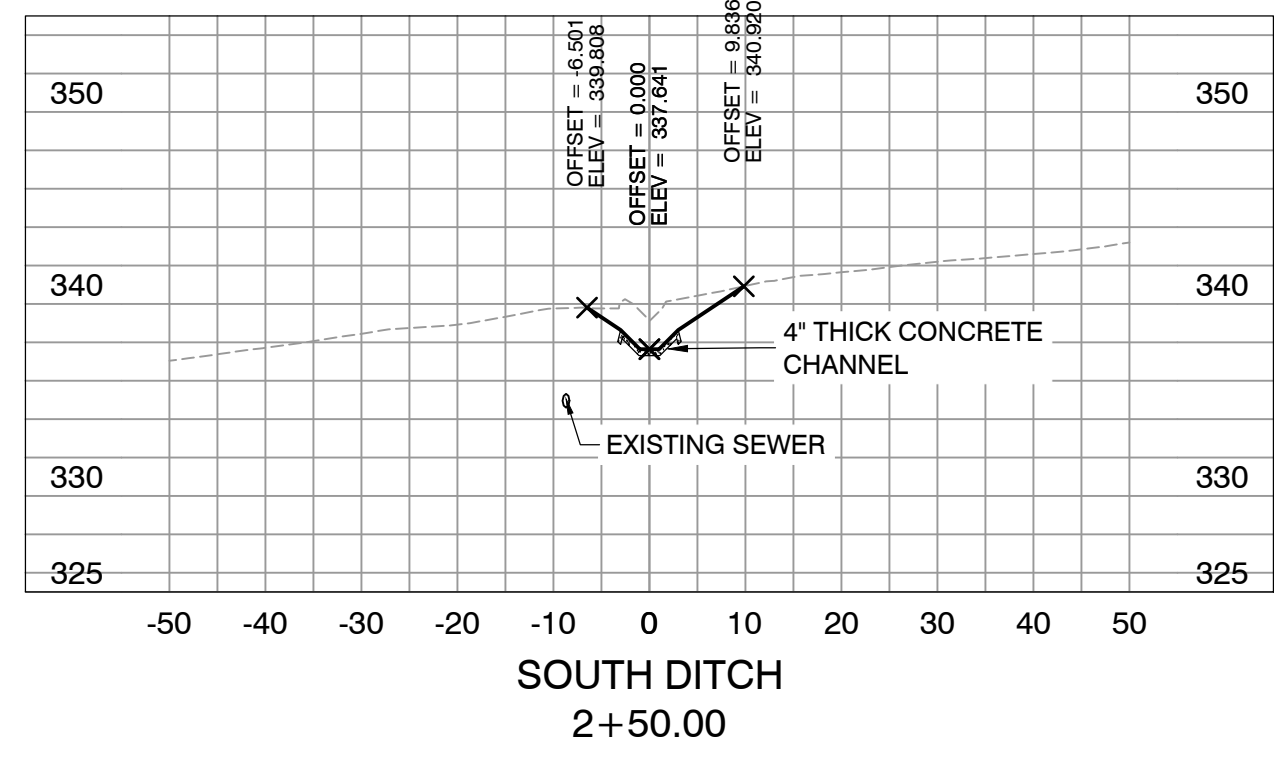
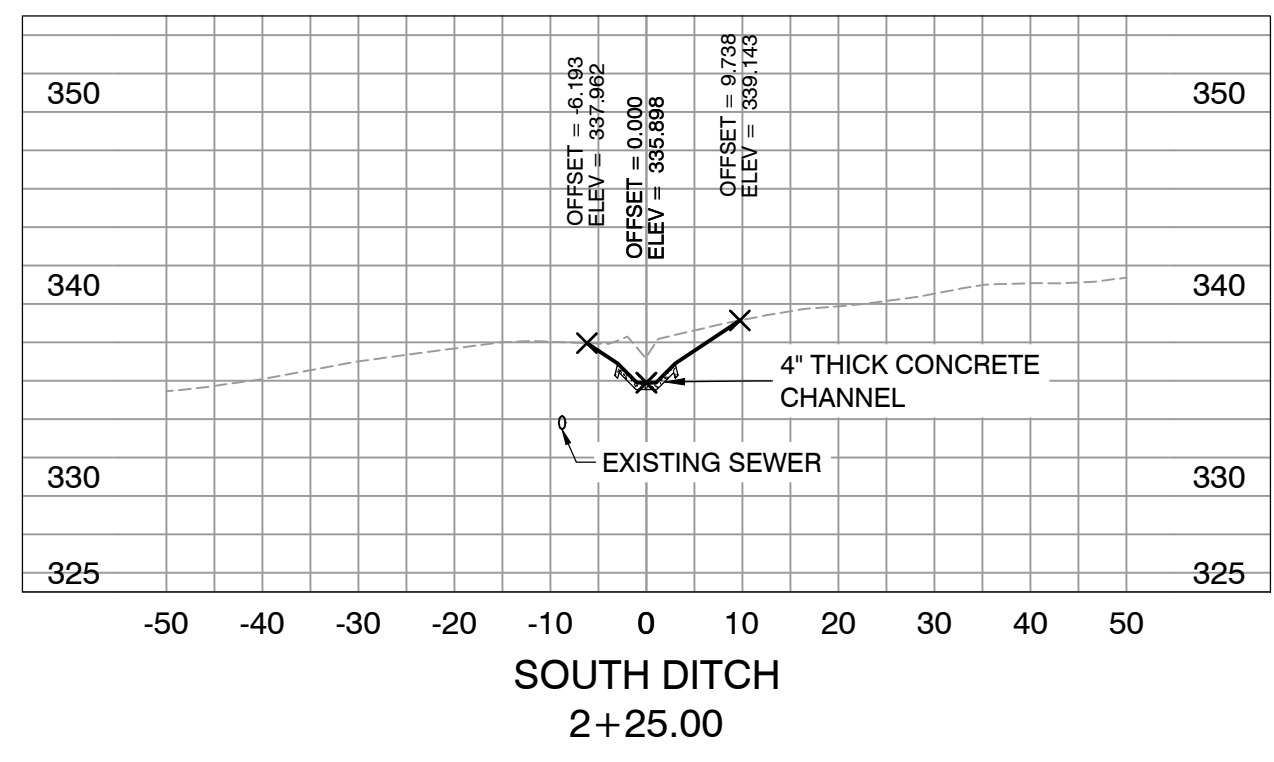
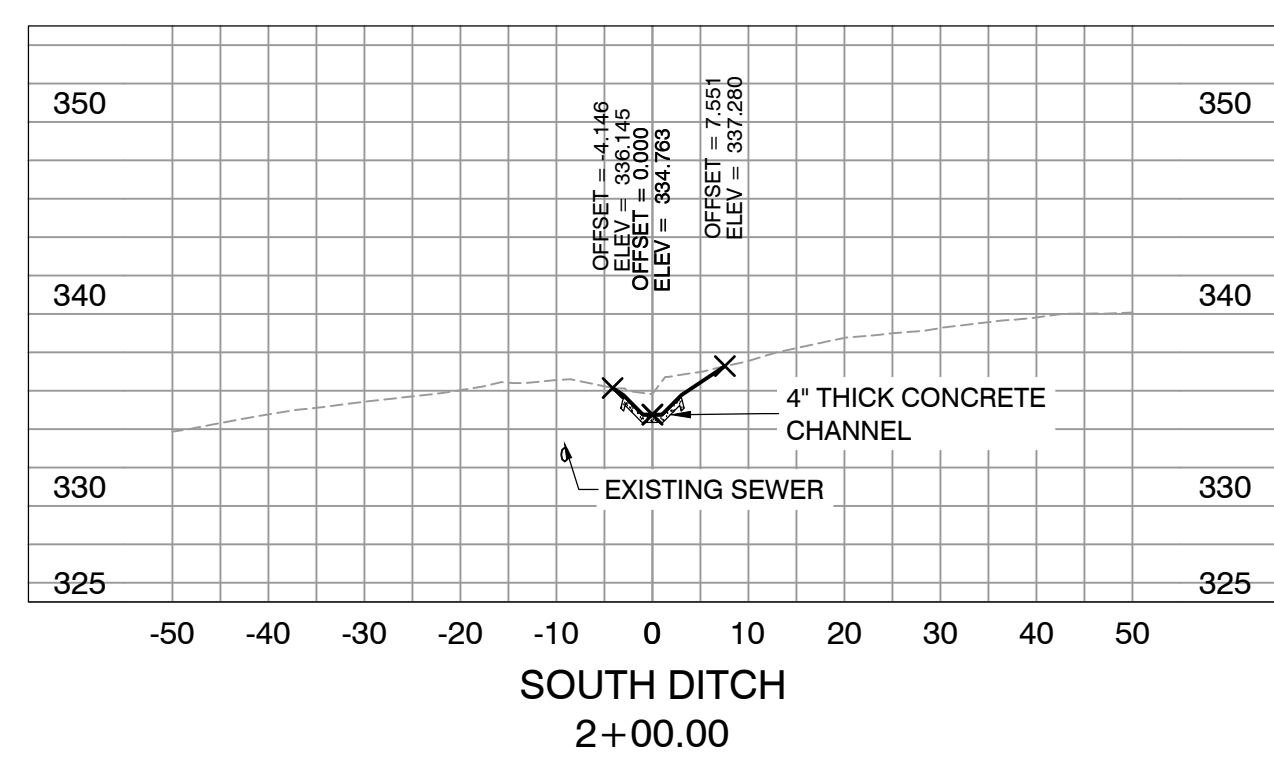
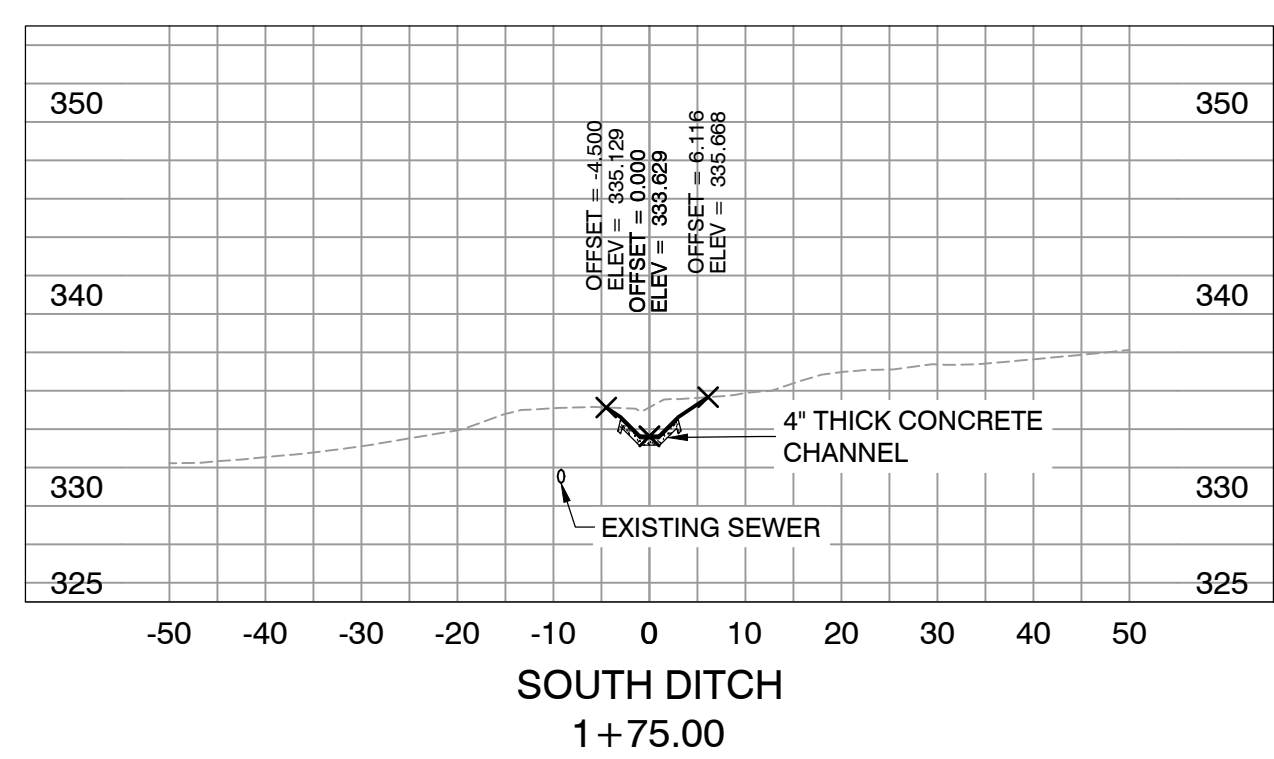
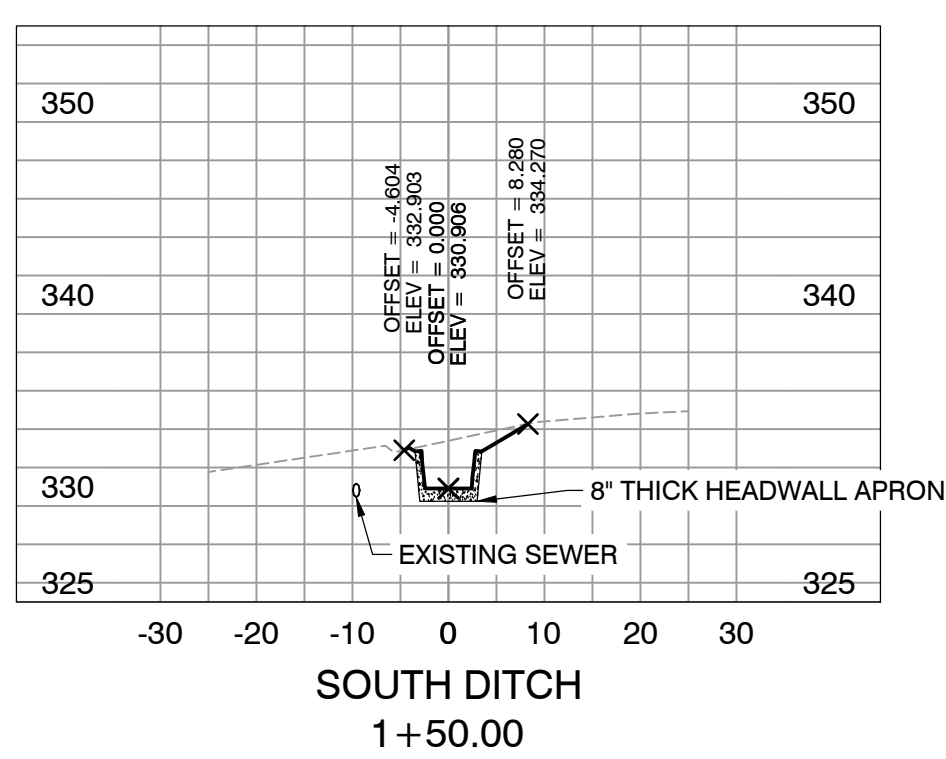
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 PINE SUMMIT COURT 8110  
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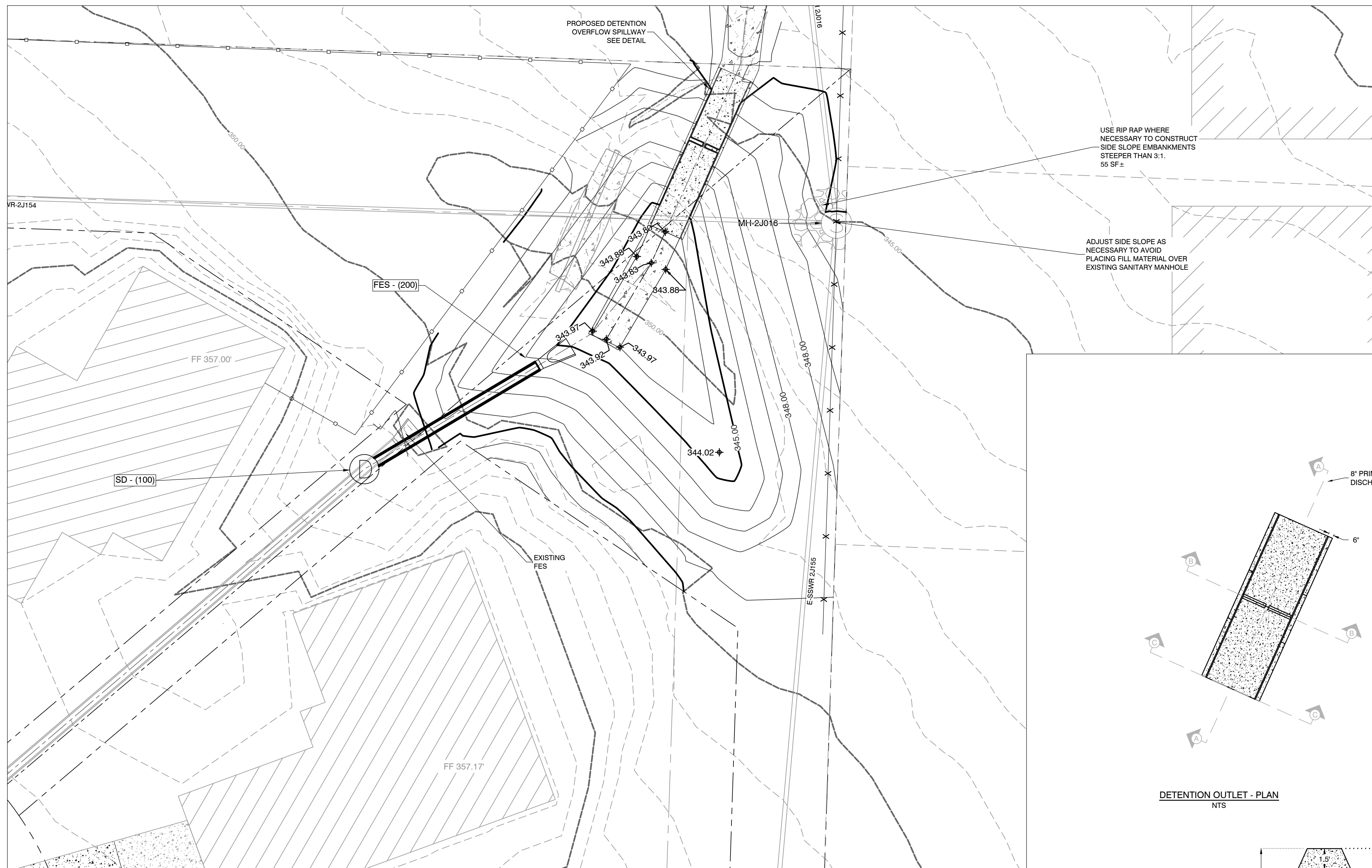
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**DETENTION POND GRADING NOTES**

1. MAINTAIN 3:1 SIDE-SLOPES (MAX) ON DETENTION EMBANKMENT.
2. ADJUST SIDE SLOPE AS NECESSARY TO AVOID PLACING FILL DIRT OVER EXISTING SANITARY SEWER MANHOLE.
3. IN AREAS WHERE A SIDE SLOPE GREATER THAN 3:1 IS NECESSARY, STABILIZE EMBANKMENT WITH RIP RAP AND USE A MAXIMUM SIDE SLOPE OF 2:1.
4. CONSTRUCT 4" THICK CONCRETE APRON ON BOTTOM OF DETENTION POND (AREA CONTAINED BY EMBANKMENT).

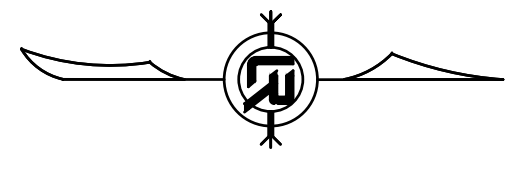
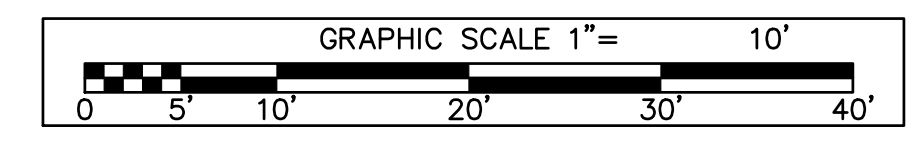
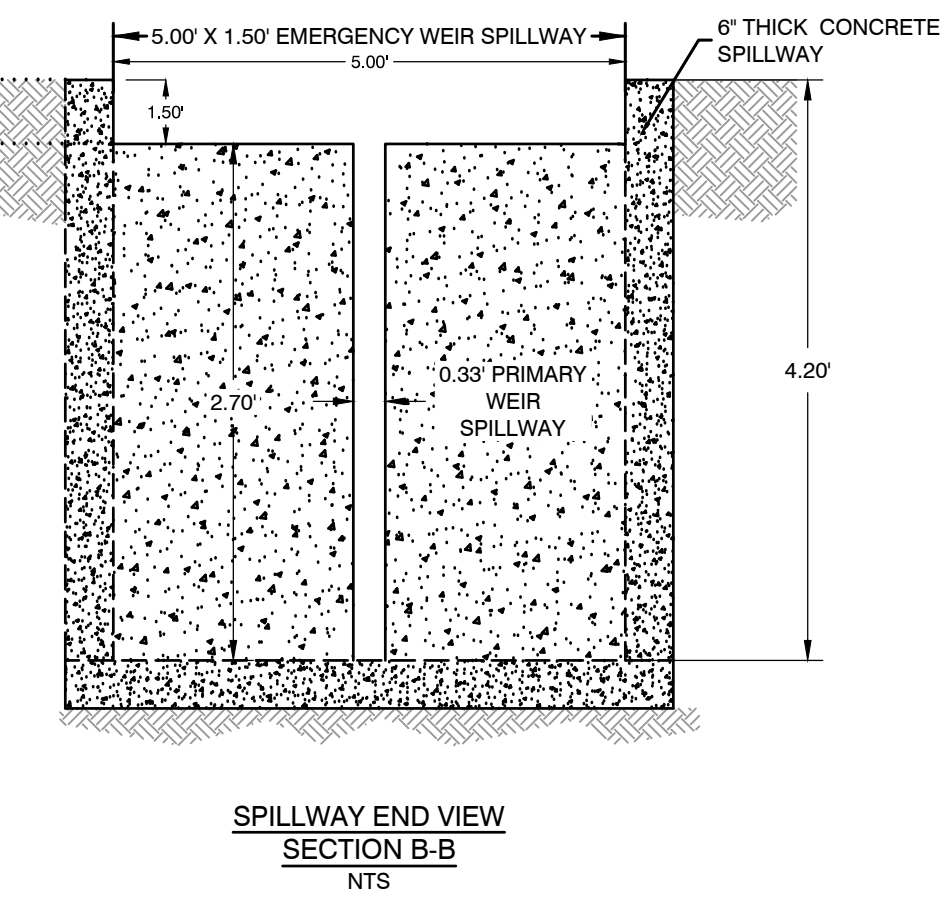
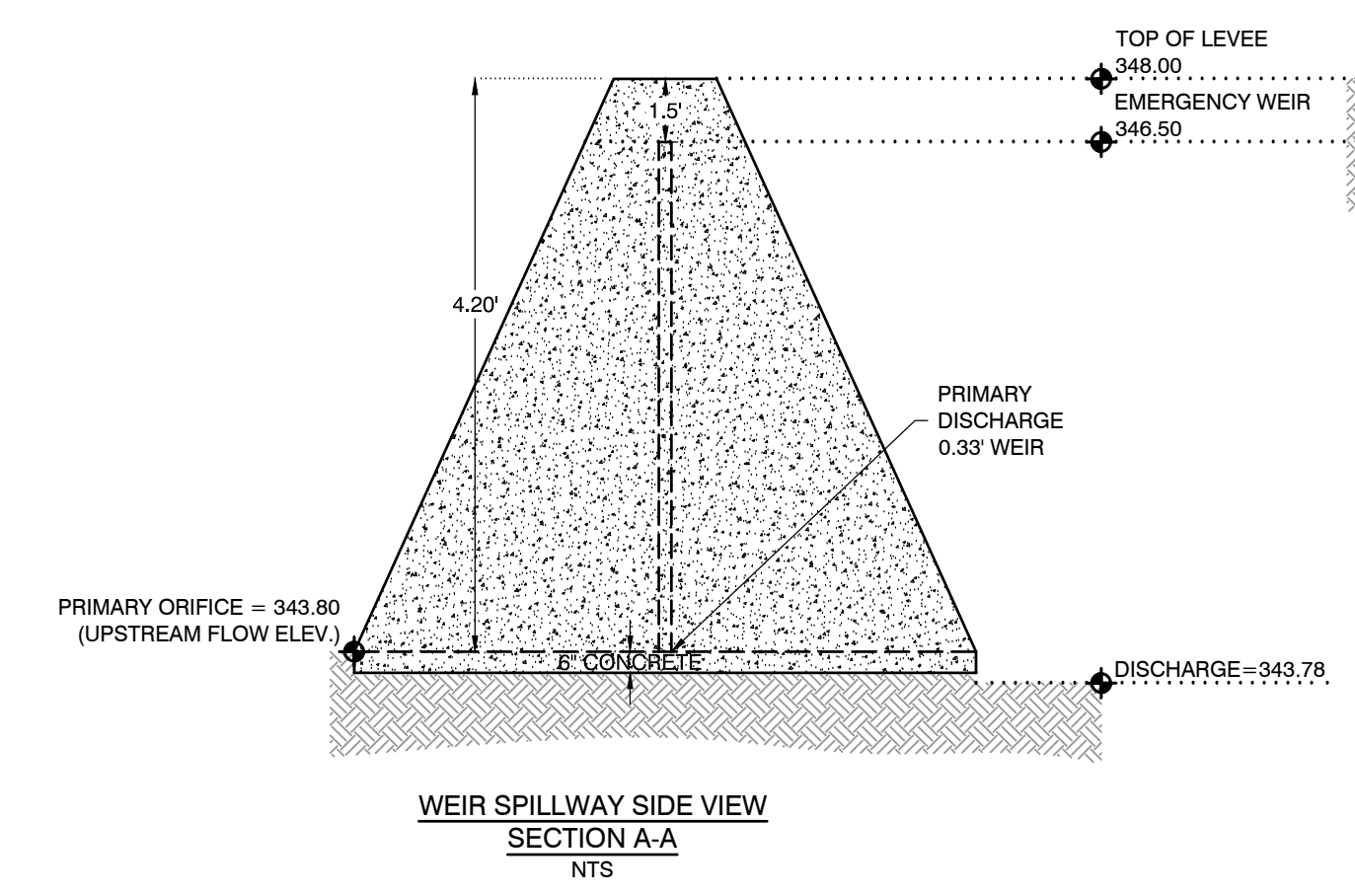
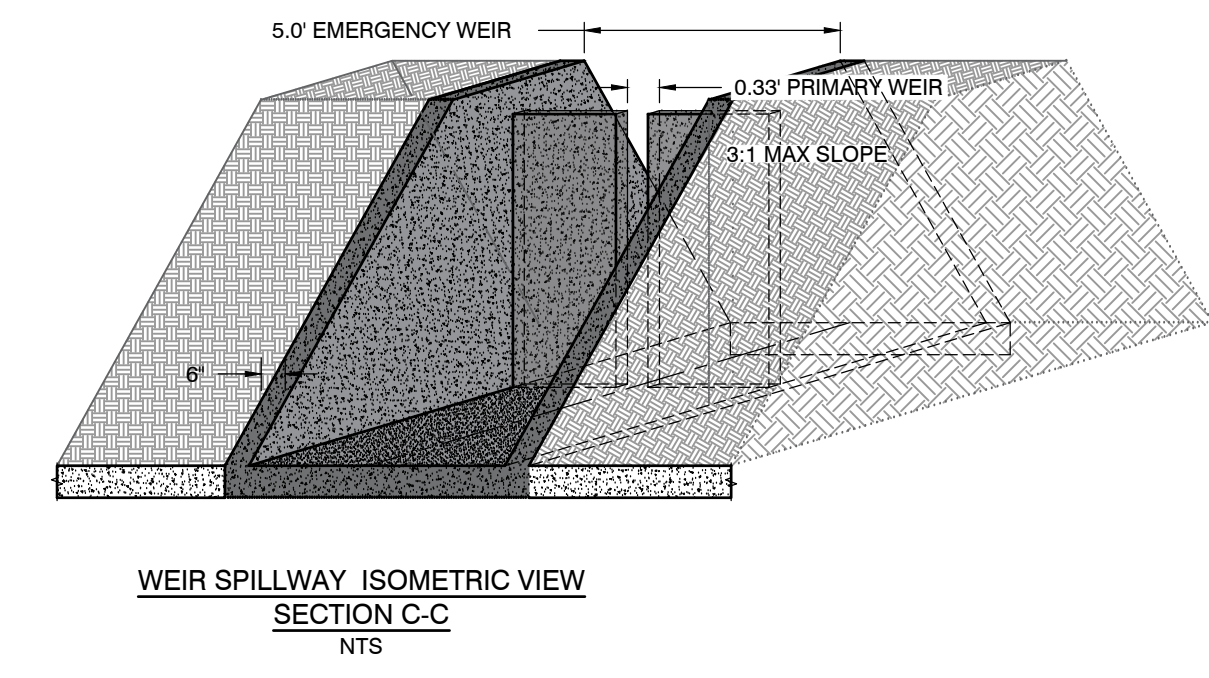
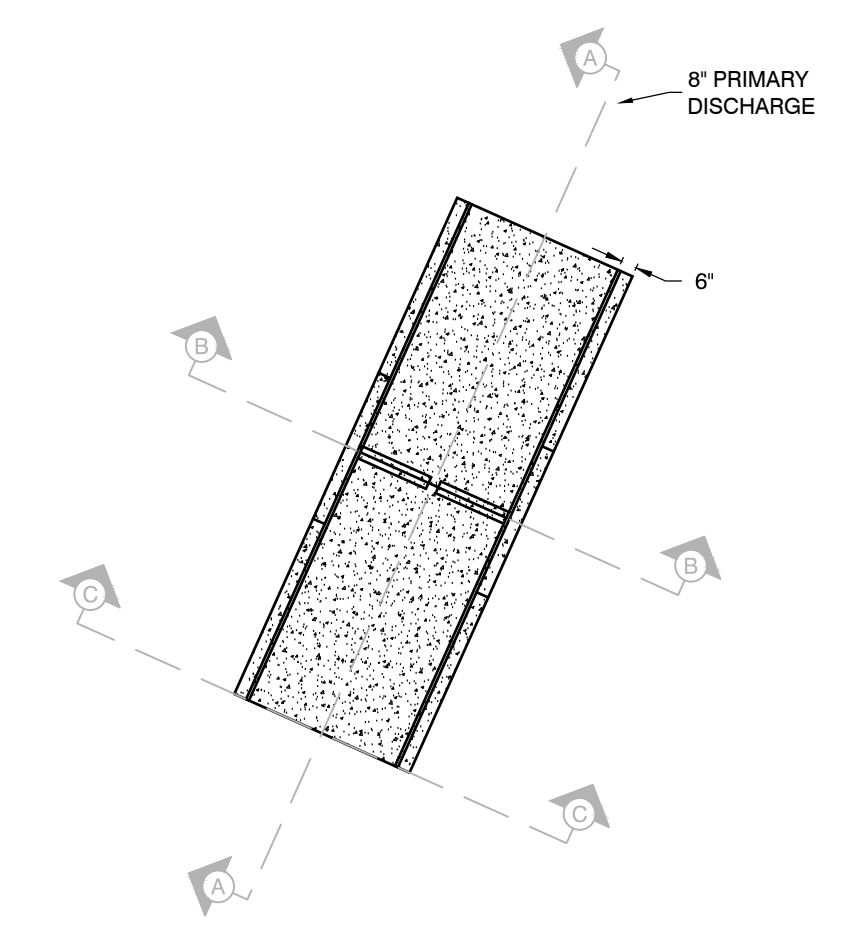
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CITY OF LITTLE ROCK, ARKANSAS  
 PINE SUMMIT COURT 8110  
 DETENTION PLAN

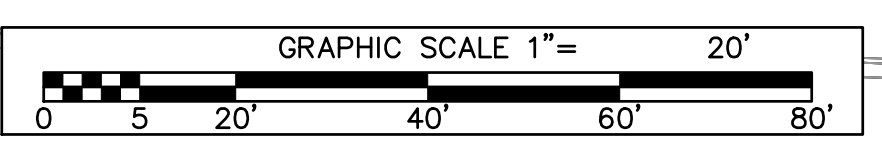
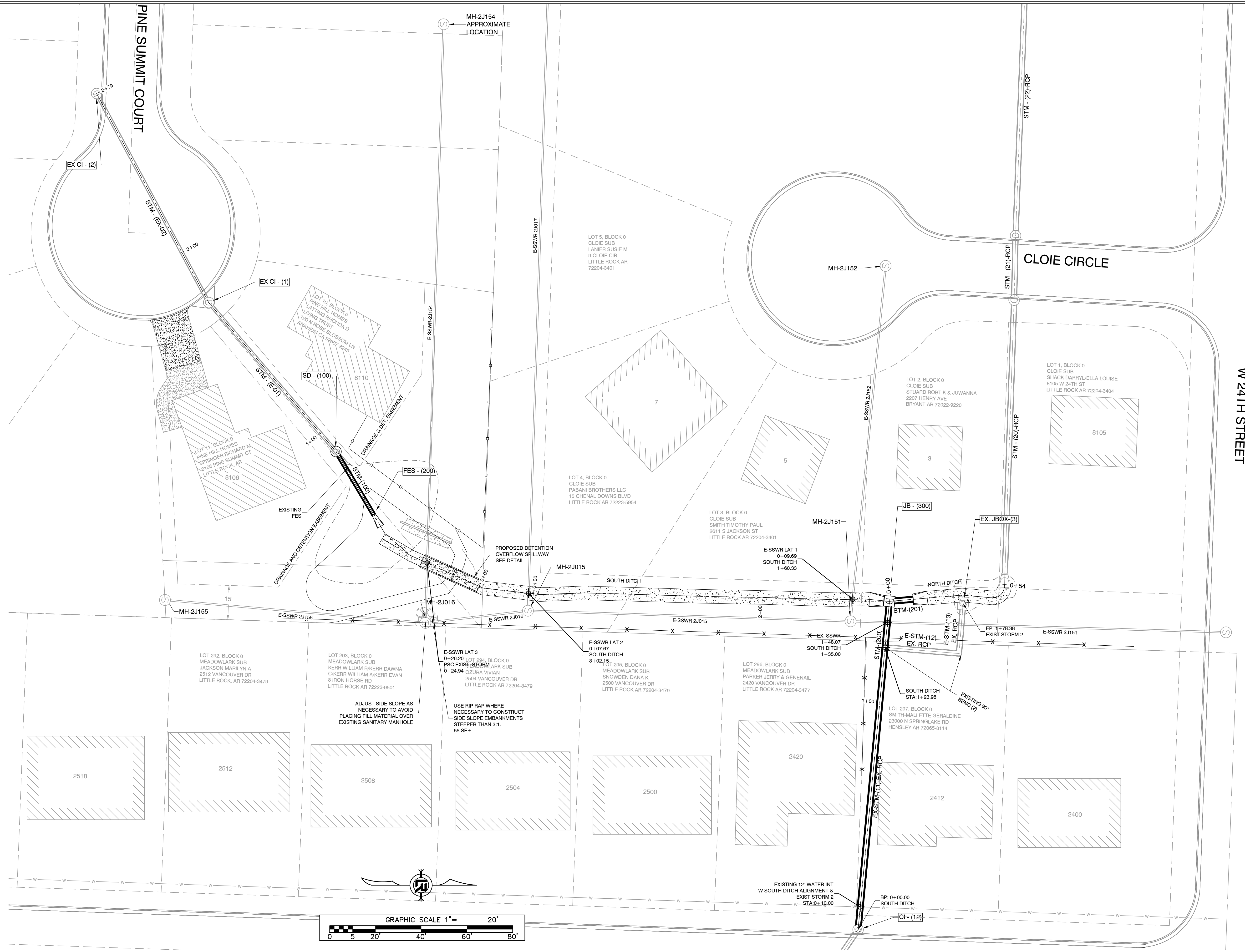
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**C504**

**PHASE 1  
CONSTRUCTION EROSION CONTROL  
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, DUMPSTER, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAP.

1. INSTALL CONSTRUCTION ENTRANCE/EXIT PER CITY STANDARD PW-64.
2. INSTALL SWPPP INFORMATION SIGN.
3. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
4. INSTALL STORMWATER DETENTION BASIN AND OUTFALL STRUCTURE.
5. PREPARE TEMPORARY PARKING AND STORAGE AREA.
6. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
7. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (STORM DRAIN INLET PROTECTION, DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

CONSTRUCTION – ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE – TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER – SILT FENCE	(SD1)
SEDIMENT BARRIER – GRAVEL RING	(SD2)
SEDIMENT BARRIER – BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER – BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE – TYPE A	(SFA)
SILT FENCE – TYPE B	(SFB)
SILT FENCE – TYPE C	(SFC)
STORM DRAIN INTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION – TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION – TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION – PERMANENT GRASSING	(TS3)
MATting/BLANKETS	(MB)

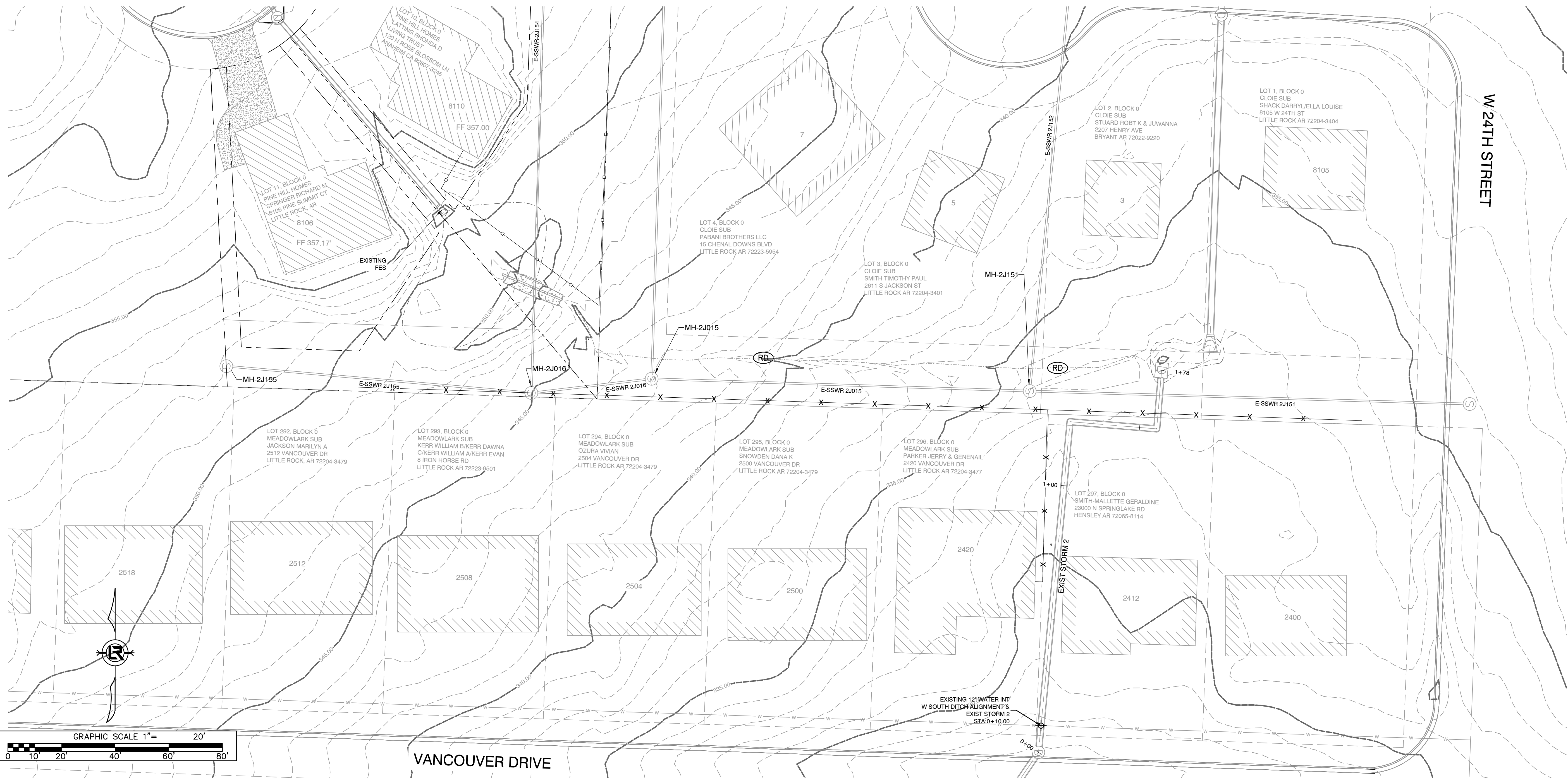
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CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110  
EROSION CONTROL PH 1

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**PHASE 2  
CONSTRUCTION EROSION CONTROL  
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAP.

1. INSTALL CONCRETE WASHOUT. RELOCATE DUMPSTER, PORTA-POTTY AND LAY DOWN AREA.
2. TEMPORARY STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED.
3. INSTALL UNDERGROUND UTILITIES.
4. FINISH GRADING AND PREPARE SUBGRADES FOR BUILDING SLABS, PARKING LOT, ETC.
5. MAINTAIN SILT FENCES AND INLET PROTECTION THROUGHOUT CONSTRUCTION.
6. INSTALL CONCRETE FOUNDATIONS, PARKING LOT CURBS, AND BASE MATERIAL. UTILIZE CONCRETE WASHOUT; CONCRETE IS NOT TO BE WASHED ONTO THE GROUND, STREET, OR INTO THE STORM SEWER.
7. INSTALL ASPHALT AND FENCE.
8. INSTALL LANDSCAPING VEGETATION AND MULCH.

CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN INTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATting/BLANKETS	(MB)

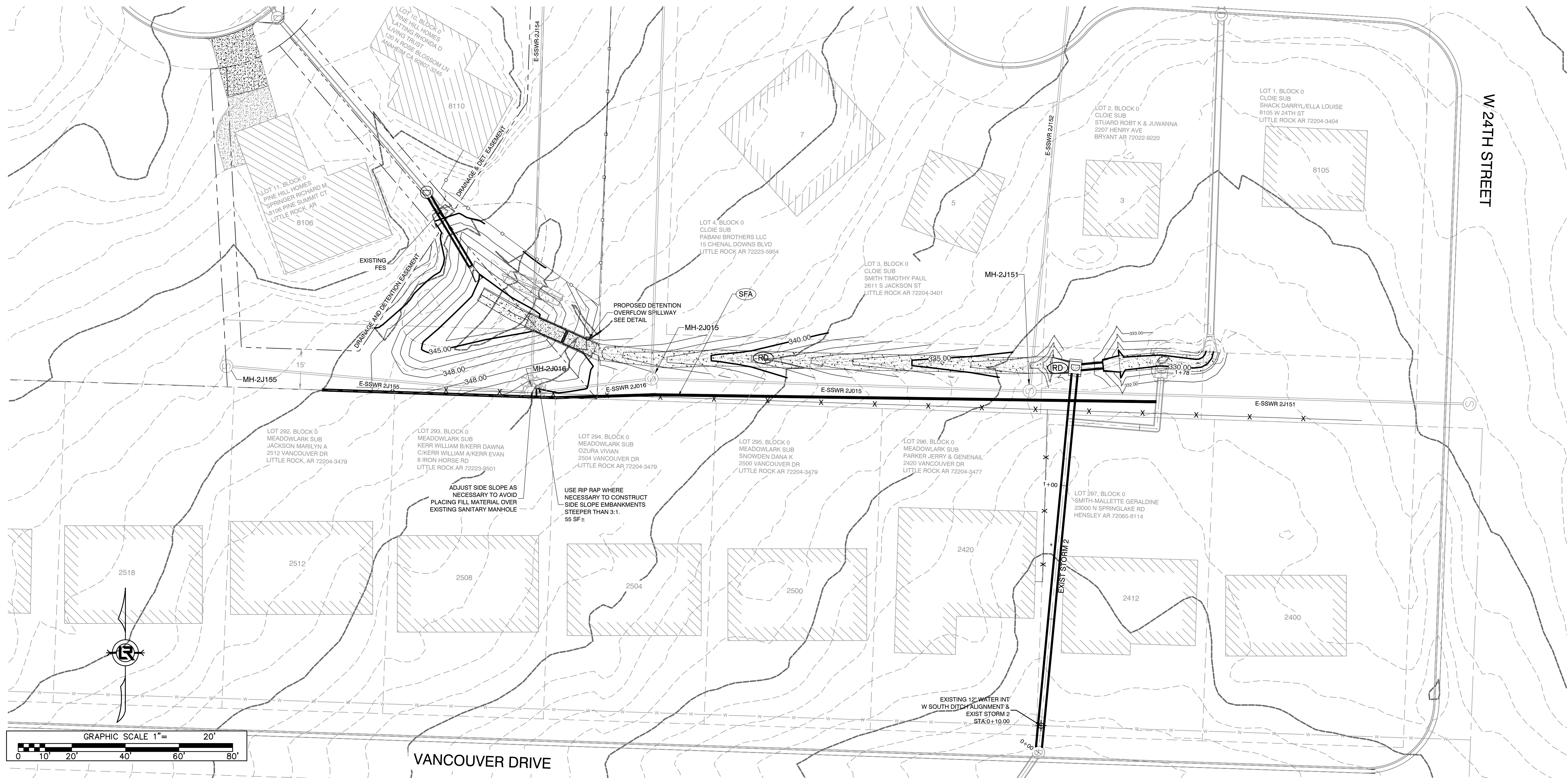
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CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110  
EROSION CONTROL PH 2

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**PHASE 3  
CONSTRUCTION EROSION CONTROL  
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAP.

1. STABILIZE ALL DISTURBED AREAS PER THE LANDSCAPING PLANS.
2. CONTINUE TO PERFORM WEEKLY MAINTENANCE INSPECTIONS.
3. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES UNTIL PERMANENT STABILIZATION ACROSS THE SITE IS ACHIEVED.

CONSTRUCTION – ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE – TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER – SILT FENCE	(SD1)
SEDIMENT BARRIER – GRAVEL RING	(SD2)
SEDIMENT BARRIER – BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER – BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SBI)
SILT FENCE – TYPE A	(SFA)
SILT FENCE – TYPE B	(SFB)
SILT FENCE – TYPE C	(SFC)
STORM DRAIN INTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION – TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION – TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION – PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(MB)

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
PINE SUMMIT COURT 8110  
EROSION CONTROL PH 2

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