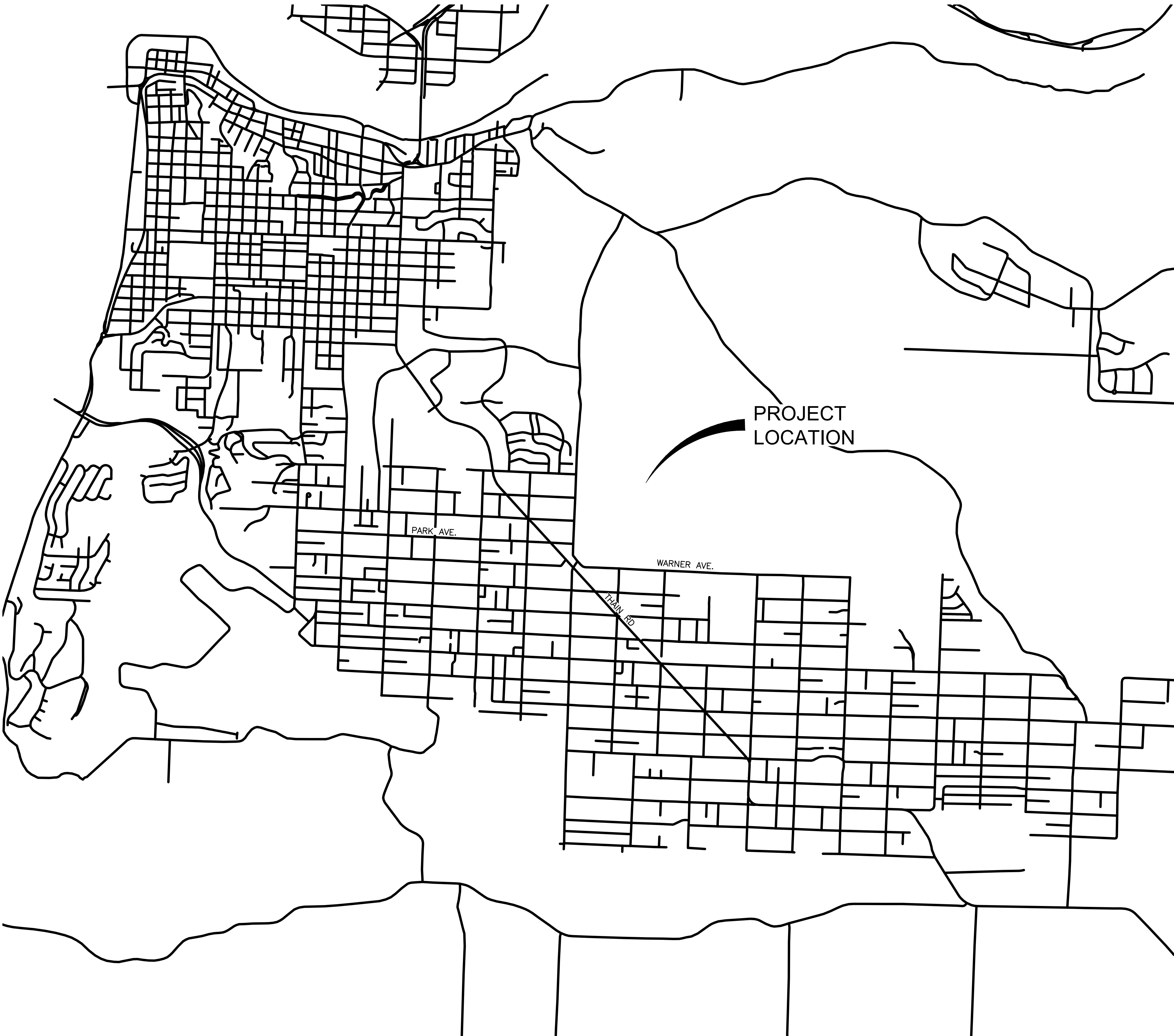


LCSC CAREER TECHNICAL EDUCATION CENTER

LEWISTON, ID

December 2018
AS CONSTRUCTED DRAWINGS AUGUST 13, 2020



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Kennewick, WA 99336
(509) 783-2144

UTILITY CONTACTS

WATER/SEWER/STORM
CITY OF LEWISTON 208-746-1316

POWER & GAS
AVISTA UTILITIES
803 MAIN ST
LEWISTON, ID 83501 509-780-1475

CABLE
CABLE ONE
2320 NEZ PERCE GRADE
LEWISTON, ID 83501 208-746-3325

TELEPHONE
CENTURY LINK 208-798-8380

COORDINATE BASE
IDAHO STATE PLANE COORDINATES, WEST ZONE

VERTICAL DATUM
NAVD 83

VICINITY MAP
PROJECT NO. 21-18-003



J-U-B ENGINEERS, INC.

2810 West Clearwater Avenue, Suite 201, Kennewick, WA 99336
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OTHER J-U-B COMPANIES



THE LANGDON GROUP



GATEWAY MAPPING INC.

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RECORD DRAWINGS:

These record documents have been prepared based on information gathered during field observations as well as information provided by others. The accuracy or completeness of information provided by others has not been verified by J-U-B.

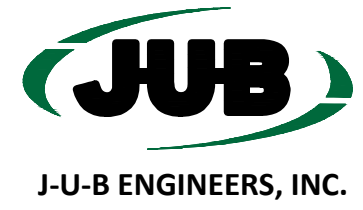
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LEWIS-CLARK STATE COLLEGE
CAREER & TECHNICAL EDUCATION CENTER

Date:	12/21/18
Job No.:	21723.00
Drawn By:	EEF
Checked by:	JRW
Revisions	
#	Date Description

COVER SHEET

C001



Know what's below.
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, GRADE, OR EXCAVATE FOR THE
MARKING OF UNDERGROUND MEMBER
UTILITIES

100% CONSTRUCTION DOCUMENTS

WATER/SEWER/SITE UTILITY NOTES

1. THE END OF ALL UTILITIES SHALL BE CAPPED AND MARKED AT THE SURFACE WITH THE DEPTH, SIZE AND TYPE OF UTILITY NOTED.
2. UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED WITH EXISTING ON-SITE STRUCTURAL FILL, OR AS REQUIRED BY THE UTILITY COMPANY. STRUCTURAL FILL FOR UTILITY TRENCHES SHALL BE PLACED IN 8 INCH MAX. LOOSE LIFTS AND COMPACTED TO A MIN. OF 95% DRY DENSITY PER ASTM D 1557, UNLESS OTHERWISE REQUIRED IN THE GEOTECHNICAL REPORT.
3. CONSTRUCTION OF POTABLE WATER LINES SHALL CONFORM TO THE STANDARDS IN THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AS WELL AS CITY OF LEWISTON AND ISPMC STANDARDS.
4. THE HORIZONTAL AND VERTICAL SEPARATION OF POTABLE AND NON-POTABLE MAINS SHALL BE PER CITY OF LEWISTON STD DWG 4-1 AND IDAHO DEQ REQUIREMENTS.
5. ALL WATER WORKS COMPONENTS SHALL BE ANSI/NSF 61 CERTIFIED, AND MUST MEET ALL AMERICAN WATER WORKS ASSOCIATION (AWWA) AND STANDARD REQUIREMENTS OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS.
6. THRUST BLOCKS SHALL BE INSTALLED AT ALL FITTING LOCATIONS SPECIFIED BY CITY OF LEWISTON STANDARD DRAWING 4-4. THRUST BLOCKS SHALL BE CONSTRUCTED TO SIZES BASED ON ALLOWABLE SOIL PRESSURES OF 2,000 PSI. ALL MECHANICAL JOINTS 10 INCHES AND SMALLER SHALL BE EQUIPPED WITH RING-TYPE GRIP RESTRAINT DEVICES.
7. THE CONTRACTOR SHALL PRESSURE TEST THE NEW WATER MAIN IN ACCORDANCE WITH AWWA C600. DISINFECTION SHALL BE BY THE CITY OF LEWISTON.
8. CITY OF LEWISTON WATER DISTRIBUTION SUPERVISOR (208-791-2032) SHALL BE CONTACTED 2 BUSINESS DAYS PRIOR TO ANY PRESSURE TESTING/DISINFECTION OF THE PUBLIC MAIN OR ANY CONNECTION TO EXISTING MAINS. THE DISINFECTIONS PROCEDURES CAN ONLY BE SCHEDULED ON MONDAY, TUESDAY OR WEDNESDAY.
9. ALL SEWER SERVICE LATERALS SHOWN ARE ASSUMED TO HAVE A 2 PERCENT SLOPE TOWARDS THE SEWER MAIN.
10. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL CLEAN ALL UNDERGROUND STRUCTURES, INCLUDING BUT NOT LIMITED TO MANHOLES, CATCH BASINS, SEWER PIPE AND STORM DRAINAGE.
11. THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE BEST RECORDS AVAILABLE AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT ENGINEERS TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH AND CONTACT ALL OF THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND CONTACT THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
16. ALL UTILITIES SHALL BE CONSTRUCTED PRIOR TO SURFACING STREETS, AND PARKING AREAS INCLUDING BUT NOT LIMITED TO SEWER, WATER, TELEPHONE, POWER, GAS, AND CABLE TELEVISION.
17. ALL PAVEMENT CUTS TO CONNECT UTILITIES SHALL BE REPAIRED IN CONFORMANCE WITH THE CITY OF LEWISTON STANDARD SPECIFICATIONS.
18. IMPORTED STRUCTURAL FILL SHALL CONSIST OF A GRAVEL OR WELL GRADED, 2-INCH MINUS, PIT RUN SAND AND GRAVEL WITH LESS THAN 5% FINES.
19. STRUCTURAL FILL AND BACKFILL FOR UTILITY TRENCHES SHALL BE PLACED IN MAX. 8-INCH LOOSE LIFTS AND COMPACTED TO A MIN. OF 95% OF MAX. DRY DENSITY PER ASTM D1557 UNLESS OTHERWISE REQUIRED IN THE GEOTECHNICAL REPORT.





SITE CLEARING, EARTHWORK & STORM DRAINAGE NOTES








1. ALL SIDE SLOPES SHOWN ON THESE PLANS SHALL BE 4:1 (MAXIMUM) UNLESS NOTED OTHERWISE.
2. ALL SPOT ELEVATIONS SHOWN ON THE PLAN ARE TO TOP OF ASPHALT UNLESS OTHERWISE NOTED.
3. PRIOR TO THE START OF GRADING, ALL EXISTING ORGANIC MATERIAL, DEBRIS, RUBBLE, ASPHALT PAVEMENT, ETC., SHALL BE PLACED IN THE BACK OF LOTS OUTSIDE OF BUILDING PADS TO THE SATISFACTION OF THE OWNER AND OWNER'S REPRESENTATIVE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES TO REMAIN IN USE WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
5. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES, PUBLIC AND PRIVATE, AT ALL TIMES DURING CONSTRUCTION.
6. CONTRACTOR SHALL CONTROL DUST IN ACCORDANCE WITH REGULATIONS OF LOCAL AIR POLLUTION CONTROL AUTHORITY.
7. STORM DRAIN PIPE SIZES ARE BASED ON PVC, OR HDPE. (SMOOTH INTERIOR) PIPE TYPE. OTHER PIPE MATERIAL MAY REQUIRE A SIZE MODIFICATION.
8. ALL STORM DRAINAGE PIPE SHALL BE ASTM D-3034 SDR35 PVC PIPE, CORRUGATED HDPE SMOOTH WALL INTERIOR PIPE OR APPROVED EQUAL UNLESS OTHERWISE NOTED.
9. IF GENERAL SITE FILL CONTAINS ORGANIC MATERIAL OR PARTICLES LARGER THAN 6" DIA., THE FILL SHALL BE SCREENED OR PROCESSED TO REMOVE THE LARGE MATERIAL.
10. ALL FILL SHALL BE TESTED AND APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
11. ALL FILL MATERIAL SHALL BE PLACED IN LIFTS AND COMPACTED AS RECOMMENDED BY A GEOTECHNICAL ENGINEER. LIFTS NOT TO EXCEED 8" UNLESS OTHERWISE NOTED.
12. ALL SIDEWALKS SHALL NOT EXCEED 2.0% CROSS SLOPE.
13. ALL FILL MATERIAL PLACED ABOVE EXISTING GROUND SURFACE SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAX. DRY DENSITY PER ASTM D1557 UNLESS OTHERWISE REQUIRED IN THE GEOTECHNICAL REPORT.
14. AFTER EXISTING SURFACE HAS BEEN STRIPPED, COMPACT TOP 12 INCHES TO A MIN. OF 95% MAX. DRY DENSITY PER ASTM D1557 UNLESS OTHERWISE REQUIRED IN THE GEOTECHNICAL REPORT
15. ADHERE TO THE SWPPP PLAN AT ALL TIMES DURING MASS GRADING AND CONSTRUCTION RELATED ACTIVITIES.
16. ALL EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED.
17. THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL HAVE A CURRENT CITY OF LEWISTON BUSINESS LICENSE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CONSTRUCTION DEFICIENCIES FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE.
19. THE CONTRACTOR SHALL BE REQUIRED TO CALL 811 PRIOR TO COMMENCING ANY EXCAVATION ACTIVITIES TO DETERMINE FIELD LOCATIONS OF ALL UNDERGROUND UTILITIES.
20. ANY CHANGES OR MODIFICATIONS TO THE PROJECT PLANS SHALL FIRST BE APPROVED BY THE ENGINEER OF RECORD AND CITY ENGINEER OR HIS REPRESENTATIVE.
21. ALL DISTURBED AREAS SHALL BE STABILIZED BY HYDROSEEDING WITH A DRYLAND SEED MIX UNLESS OTHERWISE SHOWN ON THE LANDSCAPE PLANS. ALL HYDROSEEDING SHALL BE TIED DOWN USING AN ORGANIC OR APPROVED EQUAL TACKIFIER.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OFF-SITE CLEANUP OF ANY DISCHARGE OF CONSTRUCTION RELATED STORMWATER AND SILT LADEN MATERIAL.
23. ALL HANDICAP PARKING STALLS SHALL HAVE MAX 2% CROSS SLOPE.
24. PONDING OR "BIRDBATHS" EXCEEDING ONE-QUARTER INCH IN DEPTH SHALL NOT BE ACCEPTABLE AND SHALL BE CORRECTED BY THE CONTRACTOR.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF THE CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON A DAILY BASIS. NO MATERIAL SHALL BE ALLOWED TO SET DRY OR BE WASHED INTO CITY STORM DRAINAGE SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AND MAINTAINING A DUST CONTROL PLAN. DUST CONTROL SHALL BE IN ACCORDANCE WITH ALL LOCAL ORDINANCES.
26. PEDESTRIAN RAMPS, ACCESS ROUTES AND EGRESS ROUTES SHALL BE INSTALLED PER THE CITY AND CURRENT ADA REQUIREMENTS.











GENERAL NOTES













1. ALL CONSTRUCTION WORK SHALL CONFORM TO THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS, STATE OF IDAHO CODE, AND THE 2017 VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC), 2017 EDITION. IN THE CASE OF CONFLICT, THE PROJECT PLANS AND TECHNICAL SPECIFICATIONS WILL PREVAIL OVER CITY STANDARDS WHICH WILL PREVAIL OVER ISPMC. THE CONTRACTOR SHALL HAVE ON SITE COPIES OF THE CITY OF LEWISTON STANDARD DRAWINGS AND THE ISPMC.
2. CONTRACTOR SHALL PROVIDE ALL MEANS, METHODS, LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF LEWISTON PUBLIC WORKS AND THE ENGINEER PRIOR TO THE START OF WORK.
4. CONTRACTORS SHALL NOTIFY THE APPROPRIATE AGENCY WHEN MATERIALS ARE DELIVERED ON SITE OR INSPECTION OF THE WORK IS REQUIRED.
5. ALL AGGREGATE MATERIALS SHALL BE SUPPLIED FROM AN APPROVED CONTRACTOR FURNISHED SOURCE. THE CONTRACTOR SHALL OBTAIN REQUIRED CLEARANCES AND MATERIALS APPROVALS FOR THE SOURCE(S).
6. CONTRACTOR SHALL PROVIDE SUBMITTALS AND SHOP DRAWINGS TO THE OWNER FOR APPROVAL OF ALL MATERIALS PRIOR TO INSTALLATION. CONTRACTOR SHALL ALLOW ADEQUATE TIME TO ALLOW FOR REVIEW/APPROVAL OF SUBMITTALS AND SHOP DRAWINGS.
7. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND OBTAINING CONSTRUCTION WATER.
8. WORK SUBJECT TO APPROVAL BY ANY GOVERNMENTAL AGENCY OR ENGINEER MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE, (B) PLACING AGGREGATE BASE, (C) PLACING OF CONCRETE, (D) PLACING OF ASPHALT PAVEMENT. ALL NEWLY INSTALLED PUBLIC STORMWATER AND WASTEWATER LINES SHALL BE VIDEOTAPED PER LEWISTON PUBLIC WORKS POLICY PRIOR TO PAVING AND PRIOR TO FINAL CLOSEOUT.
9. ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS SHALL BE APPROVED BY THE ENGINEER AND THE CITY OF LEWISTON, IF APPLICABLE.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH AFFECTED UTILITIES DURING CONSTRUCTION. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. CONTRACTOR IS RESPONSIBLE FOR CALLING DIGLINE FOR EXISTING UTILITY LOCATIONS AND FOR THE PROTECTION OF THOSE UTILITIES.
11. CONTRACTOR IS REQUIRED TO OBTAIN NECESSARY CITY OF LEWISTON AND STATE OF IDAHO PERMITS. GRADING AND UTILITY PERMITS WILL BE REQUIRED. CONTRACTOR SHALL ALSO OBTAIN A STORMWATER CONSTRUCTION GENERAL PERMIT, INCLUDING NOI, NOT, AND SWPP PLAN MAINTENANCE, AS REQUIRED BY EPA. ALL CONTRACTORS WORKING WITHIN THE RIGHT OF WAY ARE REQUIRED TO SECURE A CITY OF LEWISTON RIGHT OF WAY PERMIT.
12. CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR THE COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN AND AROUND THE CONSTRUCTION AREA.
13. THE CONTRACTOR SHALL PROVIDE COMPETENT ON-SITE SUPERVISION DURING CONSTRUCTION ACTIVITIES BY THEIR FORCES, INCLUDING SUBCONTRACTORS.
14. THE CONTRACTOR SHALL PREPARE GANTT CHART SCHEDULE AT THE START OF CONSTRUCTION. THE SCHEDULE WILL BE UPDATED WEEKLY AND REVIEWED WITH THE ENGINEER AT THE WEEKLY PROGRESS MEETING.
15. THE CONTRACTOR SHALL COMPLY WITH THE FINDINGS AND RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING EVALUATION.
16. ALL DIMENSIONS SHOWN ON THESE PLANS AND ANY EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCY SHALL WARRANT IMMEDIATE ATTENTION OF THE ENGINEER TO RESOLVE THE PROBLEM PRIOR TO PROCEEDING WITH CONSTRUCTION.
17. ALL SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.
















ABBREVIATIONS	
ASSY	ASSEMBLY
BLDG	BUILDING
BM	BENCH MARK
BSW	BACK OF SIDEWALK
C/L	CENTER LINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DEG OR °	DEGREE
DET	DETAIL
DIA OR Ø	DIAMETER
DIP	DUCTILE IRON PIPE
DIST	DISTRIBUTION
DWG	DRAWING
EA	EACH
ELB	ELBOW
ELEV	ELEVATION
EXIST	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FLG	FLANGE
FT OR '	FEET
GV	GATE VALVE
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
IN OR "	INCH
LB OR #	POUND
LF	LINEAL FEET
LN	LINEAL
MAX	MAXIMUM
MIN	MINIMUM
PE	POLYETHYLENE
PL	PROPERTY LINE
PVC	POLYVINYL-CHLORIDE
R	RADIUS
RP	RADIUS POINT
REM	REMOVE
REQ'D	REQUIRED
REV	REVISION
R/W	RIGHT-OF-WAY
SPEC	SPECIFICATION
STA	STATION
STD	STANDARD
TBC	TOP BACK OF CURB
TYP	TYPICAL






SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
SURVEY		
CONTROL POINT		
SITE		
SIGN		
TEST HOLE		





SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
UTILITIES		
MANHOLE (GENERIC)		
PRESSURE CLEAN OUT AT GRADE		
THRUST BLOCK		
VAULT		






COMMUNICATION		
TELE. MANHOLE		
TELE. PEDASTAL		
TELE. POLE		
TV PEDASTAL		
GUY WIRE		



DOMESTIC WATER		
FIRE HYDRANT		
SPIGOT		
YARD HYDRANT		
WATER MANHOLE		
WATER METER		
WATER VALVE		

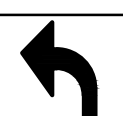

ELECTRIC		
ELEC. MANHOLE		
ELEC. METER		
ELEC. TRANS.		
JUNCTION BOX		
POWER POLE		
POWER STUB		
STREET LIGHT		
TRAFFIC SIGNAL POLE		

IRRIGATION		
IRRIGATION VALVE		
IRRIGATION VALVE BOX		
SPRINKLER		


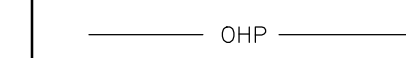

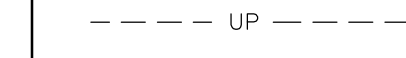

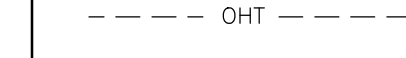
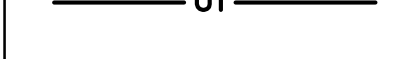

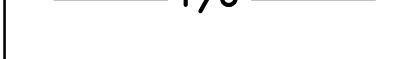


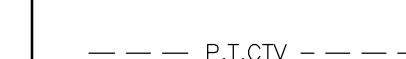



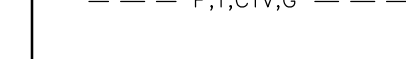



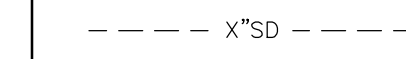

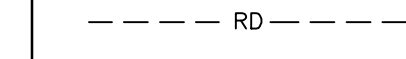

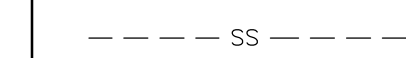

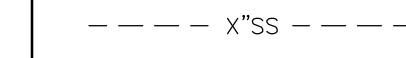
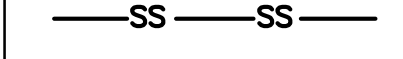
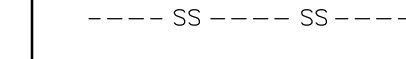


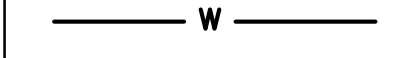
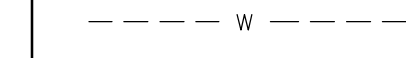
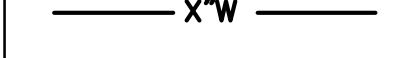
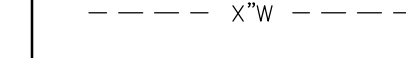
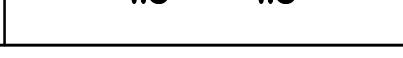
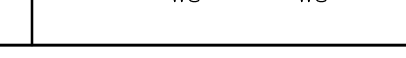

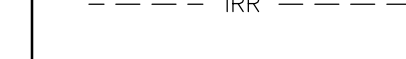

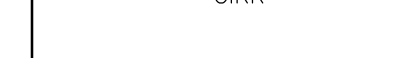



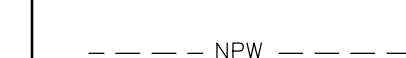
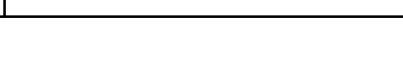
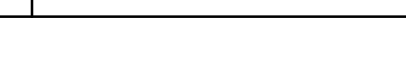
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GAS METER		
GAS VALVE		

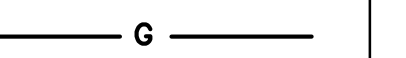
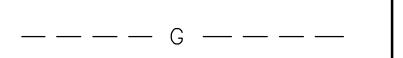
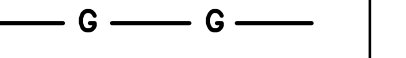
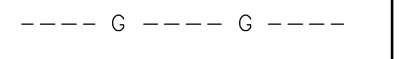
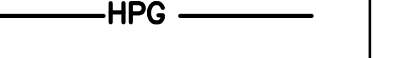
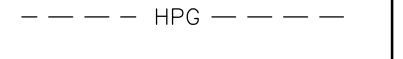

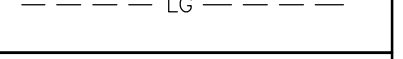
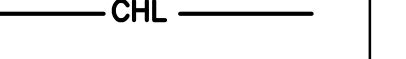
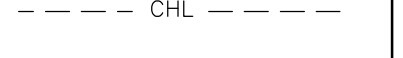

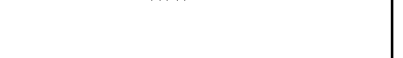
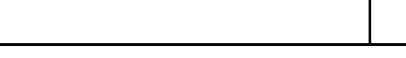
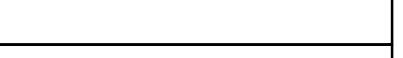
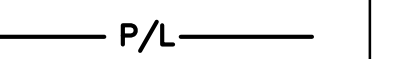
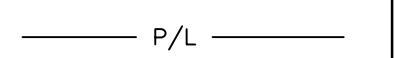
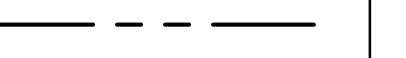
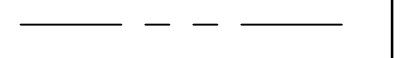
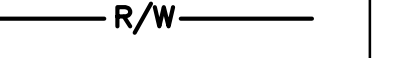
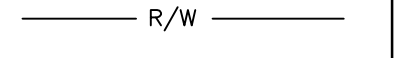
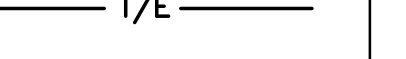
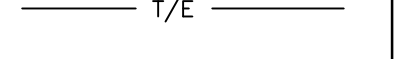

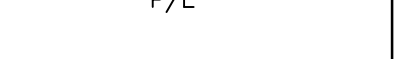
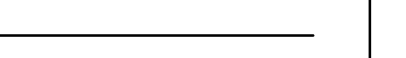
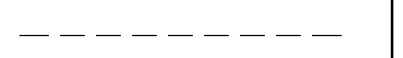
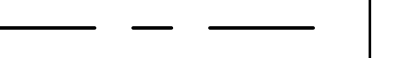
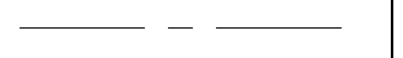
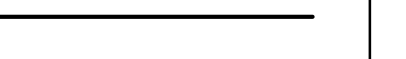
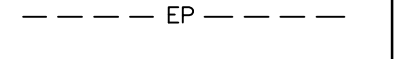
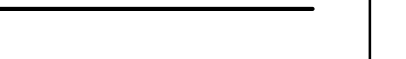
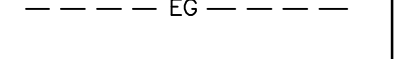




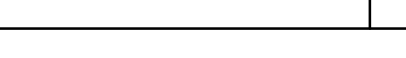
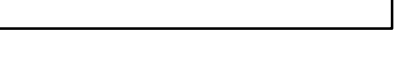
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CLEANOUT		
SEWER STUB		
SS MANHOLE		

STORM DRAIN		
CATCH BASIN		
SD MANHOLE		

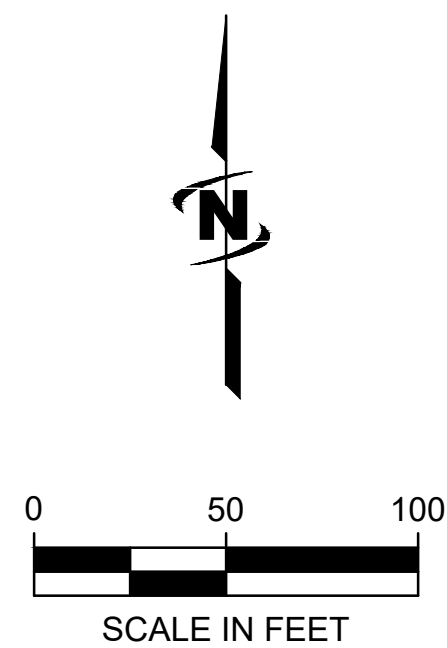
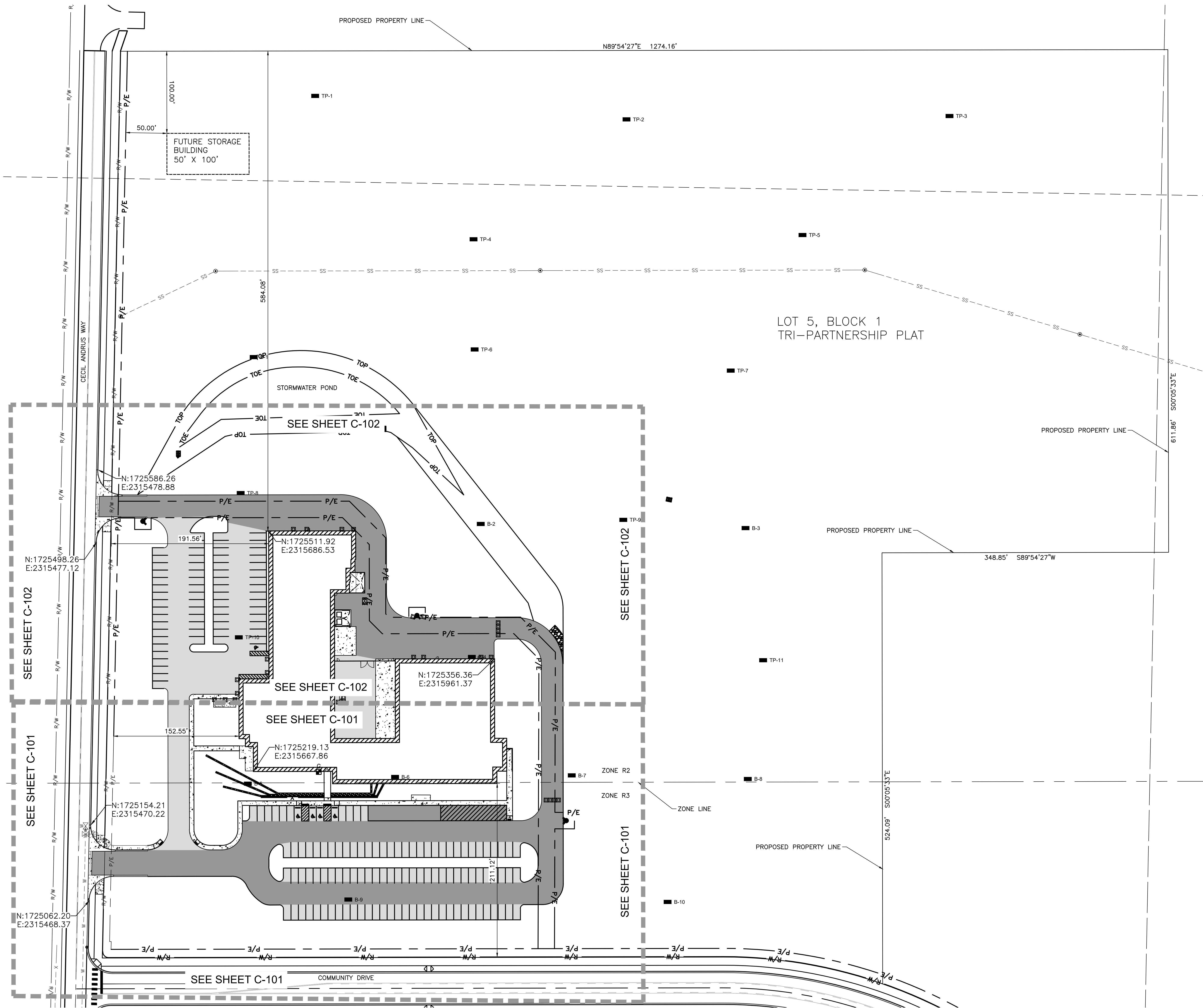
ROAD MARKINGS		
TURN ARROW		
HANDICAP SYMBOL		

LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
POWER / COMMUNICATIONS		
OVERHEAD POWER		
UNDERGROUND POWER		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
FIBER OPTIC		
CABLE TELEVISION		
UNDERGROUND POWER, TEL, CABLE TV		
UNDERGROUND POWER, TEL, CABLE TV, GAS		
STORM DRAIN		
STORM DRAIN (GENERAL)		
STORM DRAIN		
ROOF DRAIN		
SANITARY SEWER		
SANITARY SEWER (GENERAL)		
SANITARY SEWER		
SANITARY SEWER SERVICE		
SEWER FORCE MAIN		
WATER		
WATER (GENERAL)		
WATER (SPECIFIED SIZE)		
WATER SERVICE		
IRRIGATION		
IRRIGATION		
GRAVITY IRRIGATION		
PRESSURE IRRIGATION		
POTABLE WATER		
NON-POTABLE WATER		

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
GAS		
NATURAL GAS		
NATURAL GAS SERVICE		
HIGH PRESSURE GAS		
LIQUID GAS		
UTILITY		
CHLORINE LINE		
INDUSTRIAL WASTE WATER		
DRAIN LINE		
BOUNDARY		
PROPERTY LINE		
PROPERTY LINE		
RIGHT OF WAY		
TEMPORARY EASEMENT		
PERMANENT EASEMENT		
TOWNSHIP AND RANGE		
SECTION LINE		
QUARTER SECTION LINE		
1/16 SECTION LINE		
STATE LINE		
COUNTY LINE		
ROADWAY		
ROAD SHOULDER		
ROAD CENTERLINE		
ROAD ASPHALT		
ROAD GRAVEL		
TOP BACK OF CURB		
LIP OF GUTTER		
LANDSCAPING LIMITS		

SITE		
FENCE	_____ x _____	_____ X _____
MAJOR CONTOUR	_____2521_____	_____
MINOR CONTOUR	_____	_____
GRADE BREAK		_____ GB _____
TOP OF BANK		_____ TOB _____
TOE OF SLOPE		_____ TOE _____
CUT LIMITS	_____	
FILL LIMITS	_____	
DITCH	_____	_____
STORM SWALE	_____	_____
EDGE OF WATER		_____
HIGH WATER		_____
WETLAND		_____ WET _____
WETLAND BOG		_____ BOG _____
WETLAND MARSH		_____ MRSH _____
WETLAND SWAMP		_____ SWMP _____



LEGEND

- STANDARD DUTY ASPHALT (53,800 sqft)
- HEAVY DUTY ASPHALT (65,000 sqft)
- CONCRETE
- B-# BORING/TEST PIT (SEE GEOTECHNICAL REPORT)

RECORD DRAWINGS:

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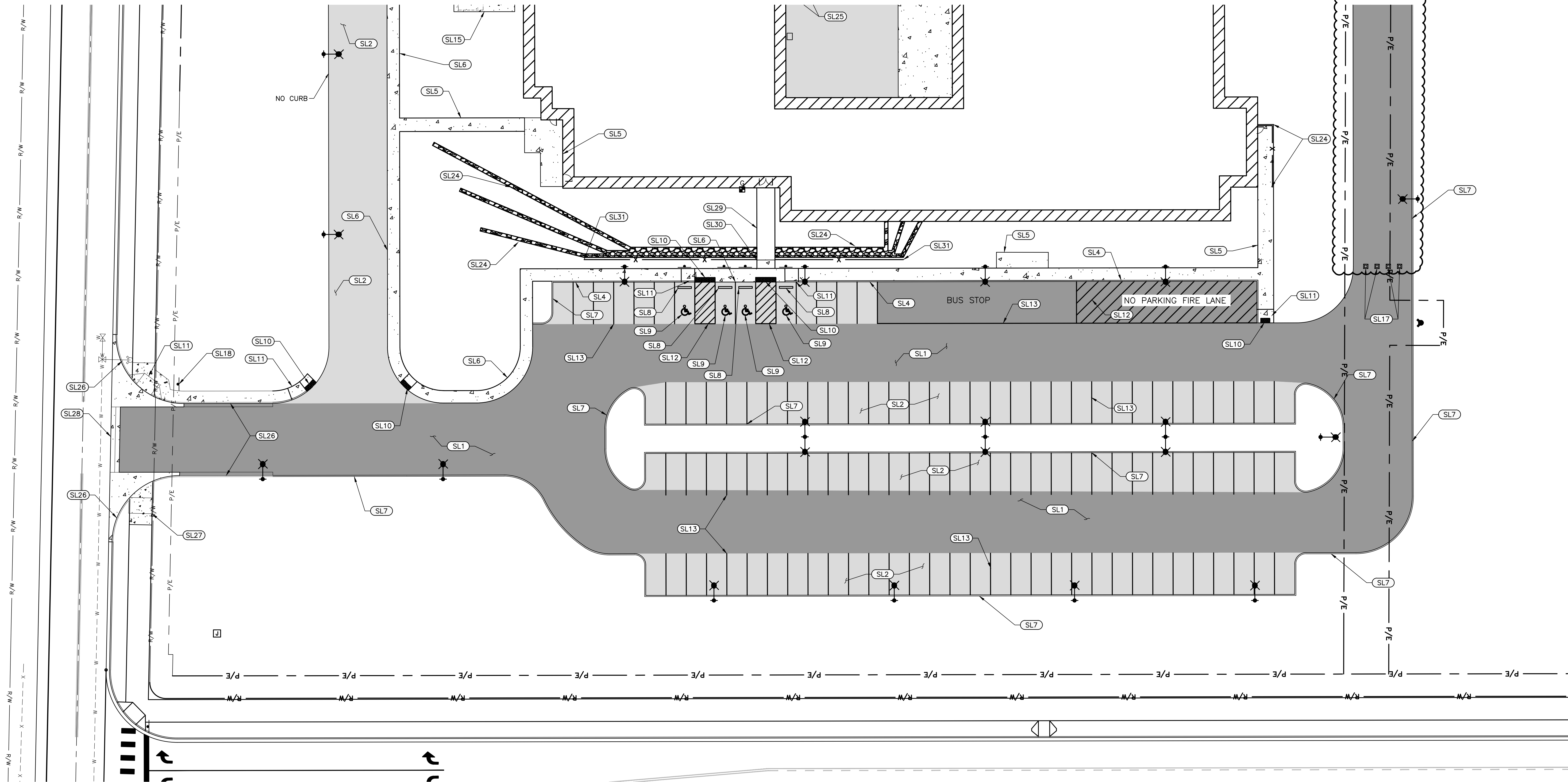
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MARKING OF UNDERGROUND MEMBER
UTILITIES

Date:	12/21/18	
Job No.:	21723.00	
Drawn By:	EEF	
Checked by:	JRW	
Revisions		
#	Date	Description
1	6/19/19	ASI NO. 1
2	12/12/19	CONTAINMENT P CHANGE
3	4/7/2020	PR11
4	8/21/2020	RECORD DRAWING

MATCHLINE
SEE SHEET C-102



KEYED NOTES:

- SL1 HEAVY DUTY ASPHALT (1) (C-501)
SL2 STANDARD DUTY ASPHALT (2) (C-501)
SL3 GRAVEL SURFACING (5) (C-501)
SL4 CONCRETE CURB AND SIDEWALK (3) (C-501)
SL5 ON-SITE CONCRETE (3) (C-501)
SL6 FLUSH CONCRETE SIDEWALK (8) (C-501)
SL7 CONCRETE BARRIER CURB (6) (C-501)
SL8 CONCRETE PARKING BUMPER (13) (C-501)
SL9 ADA SYMBOL, SIGN AND BASE. (11) (C-501) (12) (C-501)
SL10 ADA ACCESSIBLE PEDESTRIAN RAMP W/TRUNCATED DOME, SIDEWALK FLUSH WITH ASPHALT PAVEMENT. (14) (C-501)
SL11 ADA ACCESSIBLE RAMP. 12:1 MAXIMUM SLOPE (10) (C-501)
SL12 4" WIDE SOLID WHITE PAINT STRIPING, 2'-FT O.C. @ 45° ANGLE
SL13 4" WIDE SOLID WHITE PAINT STRIPE, TYP.
SL14 DOUBLE SWING GATE FOR TRASH ENCLOSURE. REFER TO ARCHITECTURAL / STRUCTURAL PLANS FOR TRASH ENCLOSURE DETAILS AND DIMENSIONS.

- SL15 CONCRETE SLAB ON GRADE. (3) (C-501)
SL16 TRASH ENCLOSURE. REFER TO ARCHITECTURAL PLANS.
SL17 REMOVABLE BOLLARD (6) (C-502)
SL18 STOP SIGN IN ACCORDANCE WITH MUTCD.
SL19 24" WIDE x 10' LONG x 4' DEEP CONCRETE TRENCH WITH ABT TRENCHFORMER TFX GRATE. (1) (C-501)
SL20 ROLLED CURB AND GUTTER (9) (C-501)
SL21 NOT USED
SL22 NOT USED
SL23 OUTLET PROTECTION. 4"-8" CRUSHED BALLAST, 18" DEEP. DIMENSIONS AS SHOWN.
SL24 RETAINING WALL. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS.
SL25 6" BOLLARD (4) (C-501)
SL26 HIGH BACK CURB AND GUTTER PER C.O.L. STD DWG 2-7.
SL27 SINGLE PERPENDICULAR RAMP WITH BUFFER PER C.O.L. STD DWG 2-14.

- SL28 TYPICAL TWO WAY ARTERIAL STREET DRIVEWAY APPROACH PER C.O.L. STD DWG 2-20.
SL29 BRIDGE. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
SL30 ABUT CONCRETE SIDEWALK UP TO BRIDGE FLUSH WITH WALKWAY.
SL31 COORDINATE DESIGN AND PLACEMENT OF HANDRAIL WITH WALL DESIGN.
SL32 NOT USED
SL33 NOT USED
SL34 NOT USED

LEGEND

- STANDARD DUTY ASPHALT
HEAVY DUTY ASPHALT
CONCRETE

RECORD DRAWINGS:

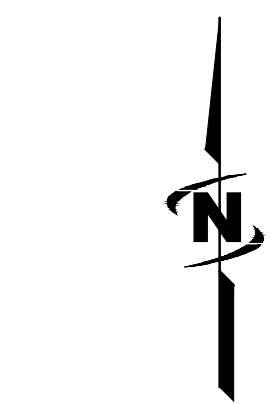
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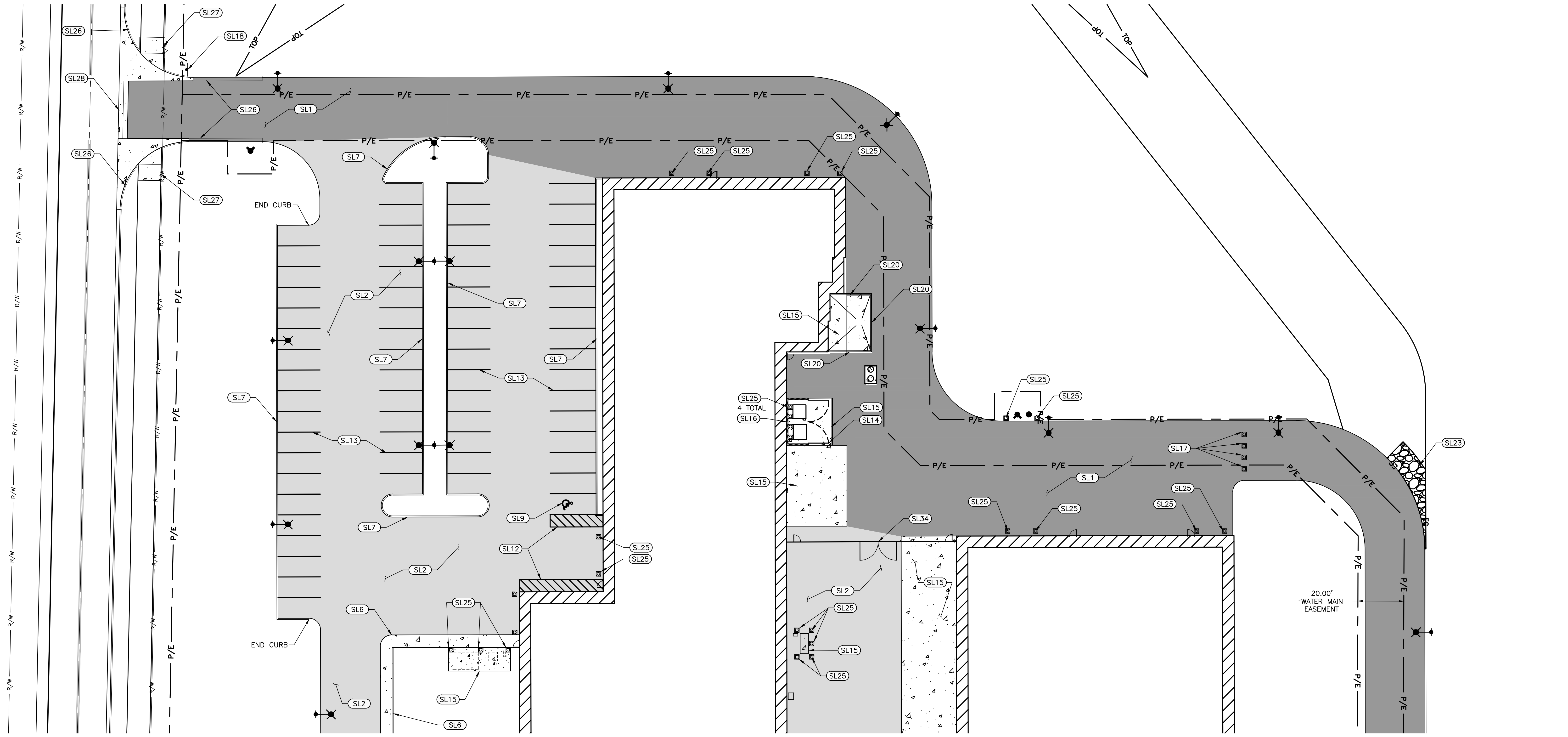


0 20 40
SCALE IN FEET

LEWIS-CLARK STATE COLLEGE
CAREER & TECHNICAL EDUCATION CENTER

SITE PLAN
- SOUTH

C101



MATCHLINE
SEE SHEET C-101

KEYED NOTES:

- SL1 HEAVY DUTY ASPHALT (1 C-901)
SL2 STANDARD DUTY ASPHALT (2 C-901)
SL3 GRAVEL SURFACING (5 C-901)
SL4 CONCRETE CURB AND SIDEWALK (4 C-901)
SL5 ON-SITE CONCRETE (3 C-901)
SL6 FLUSH CONCRETE SIDEWALK (8 C-901)
SL7 CONCRETE BARRIER CURB (6 C-901)
SL8 CONCRETE PARKING BUMPER (13 C-901)
SL9 ADA SYMBOL, SIGN AND BASE. (11 C-901) (12 C-901)
SL10 ADA ACCESSIBLE PEDESTRIAN RAMP W/TRUNCATED DOME. SIDEWALK FLUSH WITH ASPHALT PAVEMENT. (14 C-901)
SL11 ADA ACCESSIBLE RAMP. 12:1 MAXIMUM SLOPE (10 C-901)
SL12 4\"/>

- SL15 CONCRETE SLAB ON GRADE. (3 C-901)
SL16 TRASH ENCLOSURE. REFER TO ARCHITECTURAL PLANS.
SL17 REMOVABLE BOLLARD. (8 C-901)
SL18 STOP SIGN IN ACCORDANCE WITH MUTCD.
SL19 NOT USED
SL20 ROLLED CURB AND GUTTER (9 C-901)
SL21 NOT USED.
SL22 NOT USED.
SL23 OUTLET PROTECTION. 4\"/>

- SL28 TYPICAL TWO WAY ARTERIAL STREET DRIVEWAY APPROACH PER C.O.L. STD DWG 2-20.
SL29 BRIDGE. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
SL30 ABUT CONCRETE SIDEWALK UP TO BRIDGE FLUSH WITH WALKWAY.
SL31 COORDINATE DESIGN AND PLACEMENT OF HANDRAIL WITH WALL DESIGN.
SL32 NOT USED
SL33 NOT USED
SL34 NOT USED

LEGEND

- STANDARD DUTY ASPHALT
HEAVY DUTY ASPHALT
CONCRETE

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Date:	12/21/18
Job No.:	21723.00
Drawn By:	EEF
Checked by:	JRW
Revisions	
#	Date Description
1	6/19/19 ASI NO. 1
2	12/12/19 CONTAINMENT PIT CHANGE
3	4/7/2020 PR11
4	8/21/2020 RECORD DRAWING

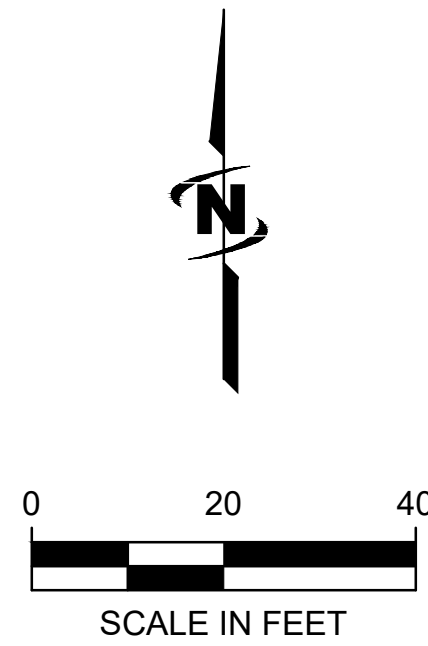
SITE PLAN
- NORTH

C102



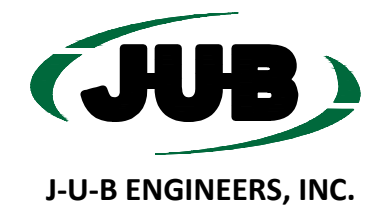
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PHONE: 515.281.4444 FAX: 515.281.4444



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Date: 12/21/18
Job No.: 21723.00
Drawn By: EEF
Checked by: JRW

Revisions		
#	Date	Description
1	6/19/19	AS1 NO. 1
2	12/12/19	CONTAINMENT PIT CHANGE
3	4/7/2020	PR11
4	8/21/2020	RECORD DRAWING

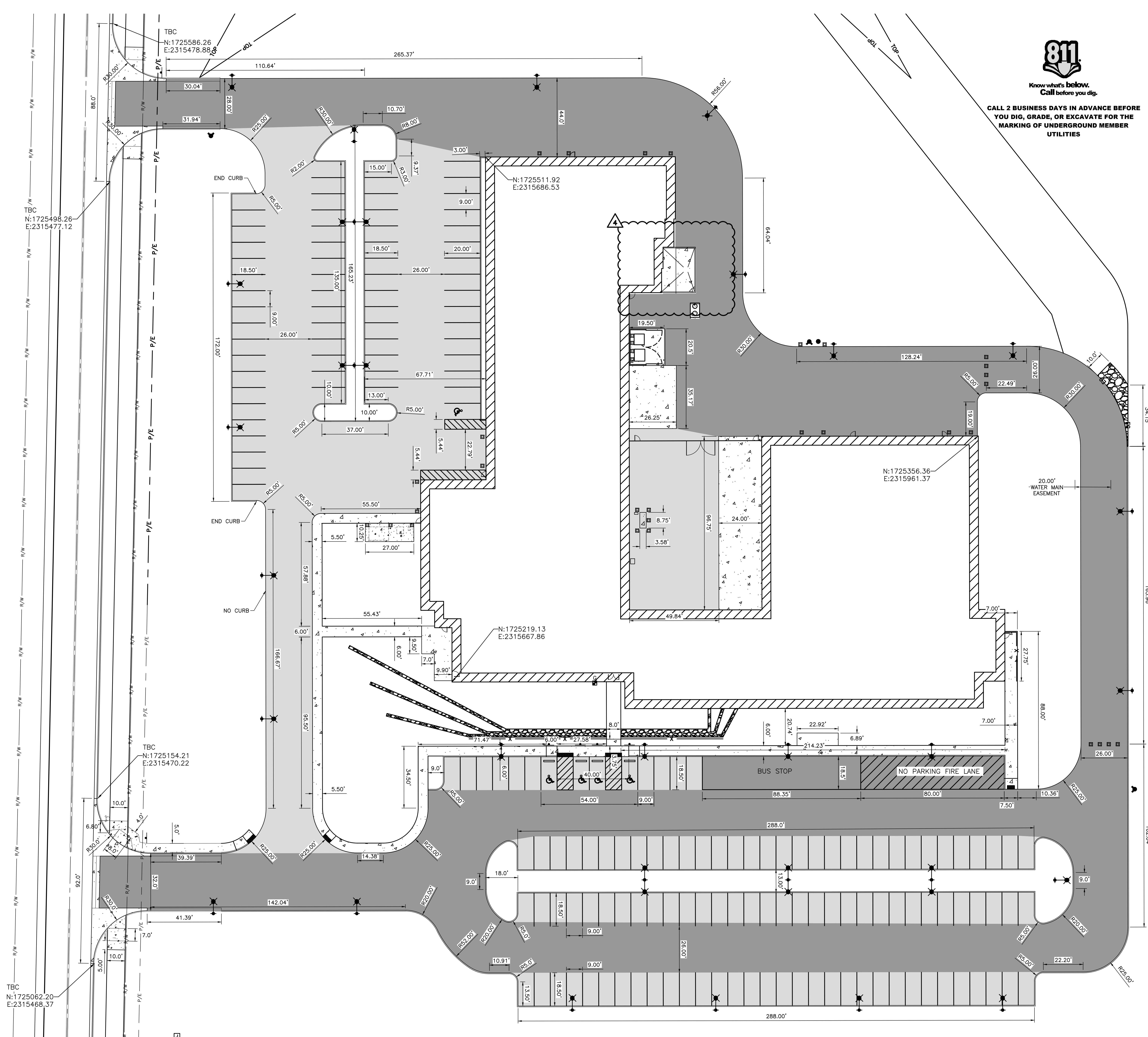
GEOMETRIC
CONTROL PLAN

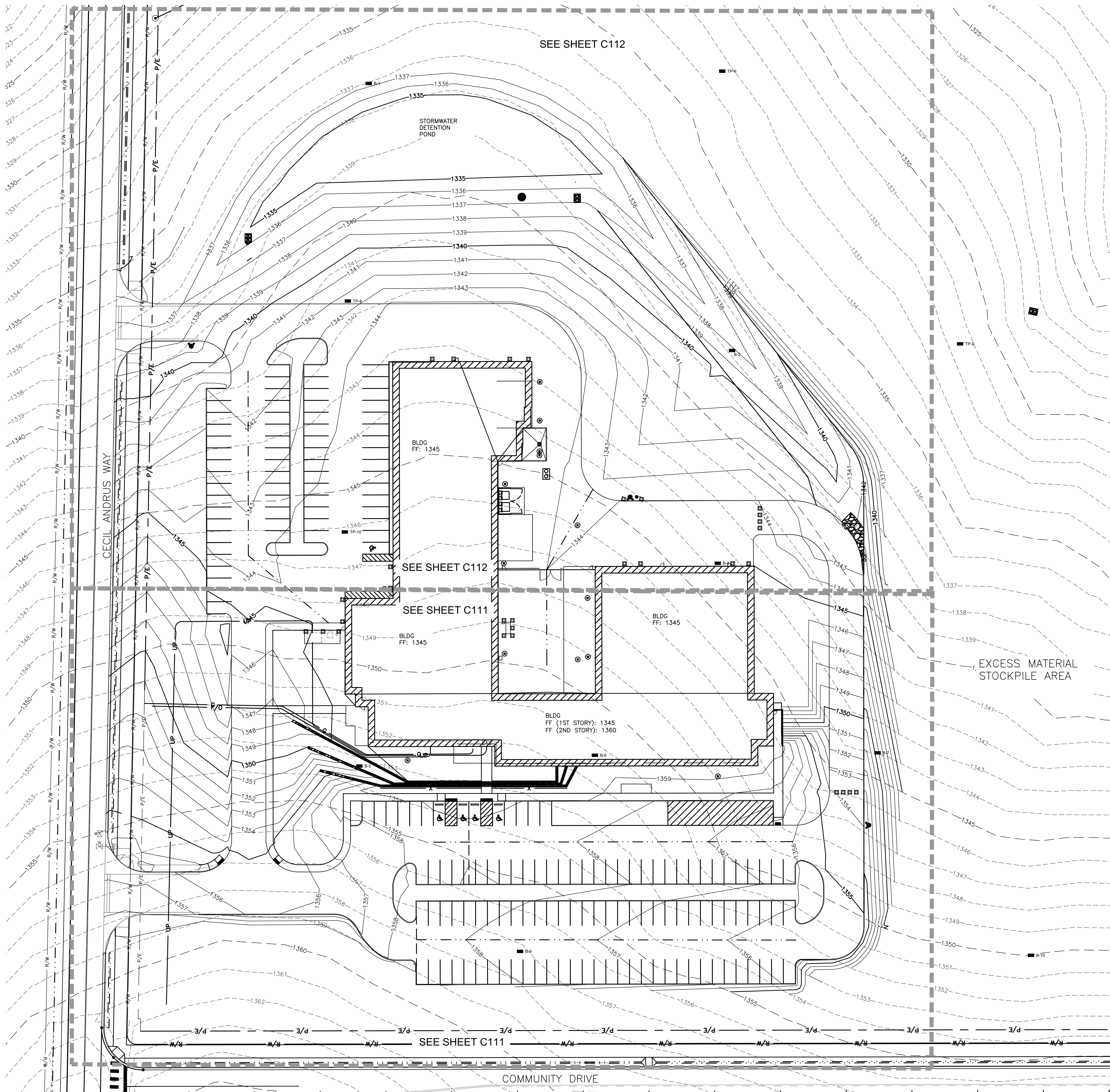
C103

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NOTES:

1. CONTOURS AND SPOT ELEVATIONS SHOWN ARE TO TOP OF FINISHED GRADE UNLESS NOTED OTHERWISE.

EARTHWORK VOLUMES:
EXISTING GROUND TO SUBGRADE FOR INFORMATION ONLY.
CONTRACTOR TO VERIFY. NEAT LINE QUANTITIES, NO SHRINK/SWELL FACTORS APPLIED.

CUT: 15,000 CY
FILL: 12,000 CY
NET: 3,000 CY (CUT)

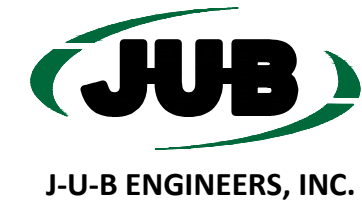
LEGEND:

FG - FINISHED GRADE
FF - FINISHED FLOOR
BW - FINISHED GRADE AT TOE OF WALL
TW - TOP OF WALL
EG - EXISTING GRADE



CALL 2 BUSINESS DAYS IN ADVANCE BEFORE
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MARKING OF UNDERGROUND MEMBER
UTILITIES

integrus
ARCHITECTURE



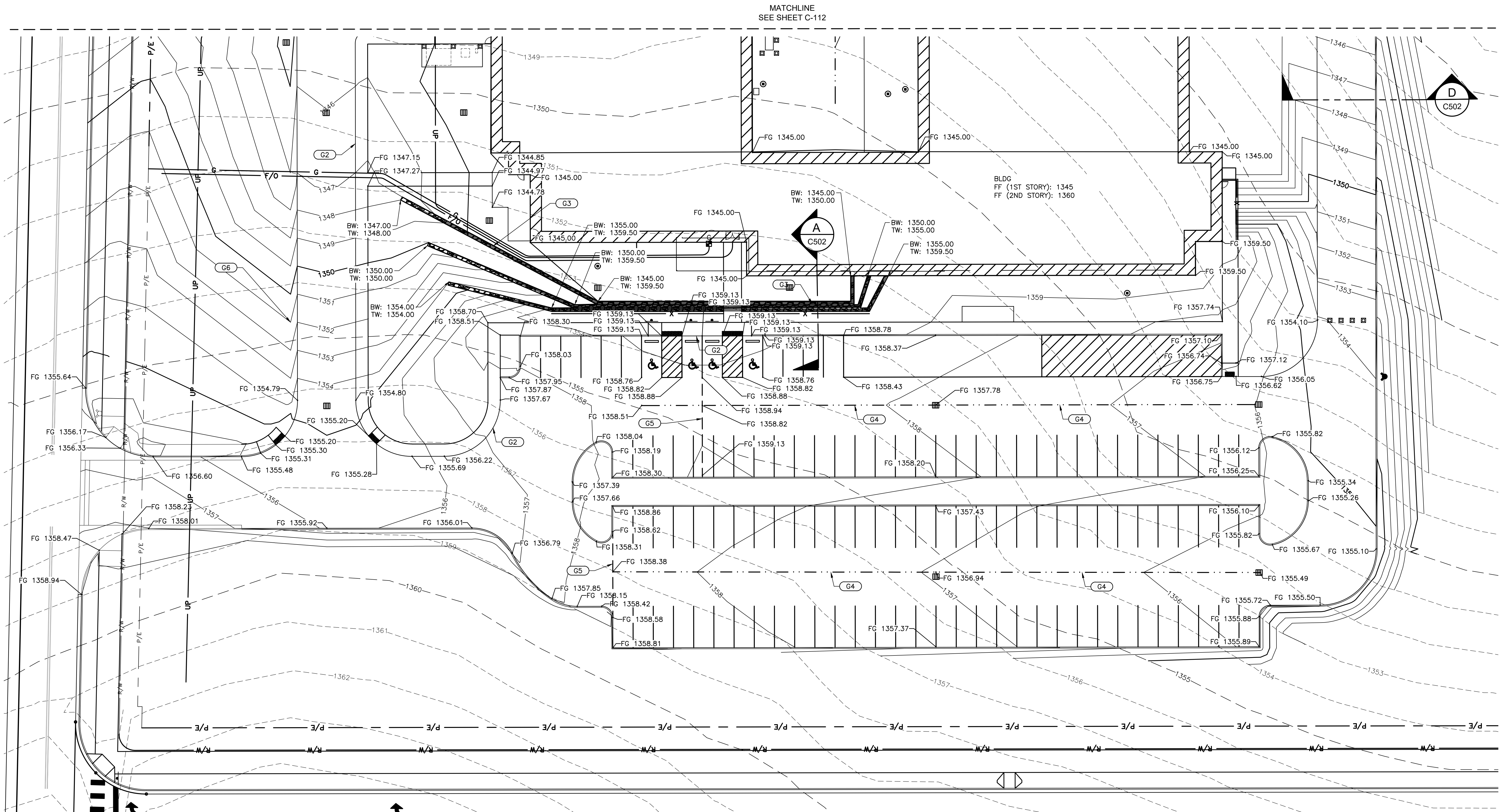
LEWIS-CLARK STATE COLLEGE
CAREER & TECHNICAL EDUCATION CENTER

Date: 12/21/18
Job No.: 21723.00
Drawn By: EEF
Checked by: JRW

#	Date	Description
1	6/19/19	ASI NO. 1
2	12/12/19	CONTAINMENT PIT CHANGE

OVERALL
GRADING PLAN

C110



GRADING PLAN NOTES:

- G1 MATCH TO EXISTING
- G2 CONCRETE SIDEWALK IS TO BE FLUSH WITH ASPHALT.
- G3 RETAINING WALL TO BE BIDDER DESIGNED.
- G4 ASPHALT SWALE.
- G5 RIDGE LINE
- G6 ROADSIDE SWALE, 1FT DEEP WITH 3:1 SIDE SLOPES.

RECORD DRAWINGS:

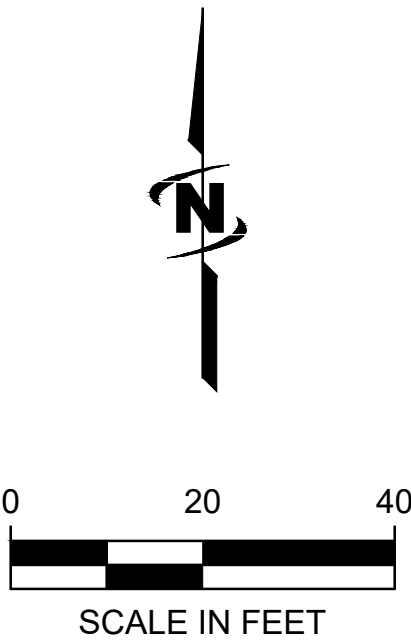
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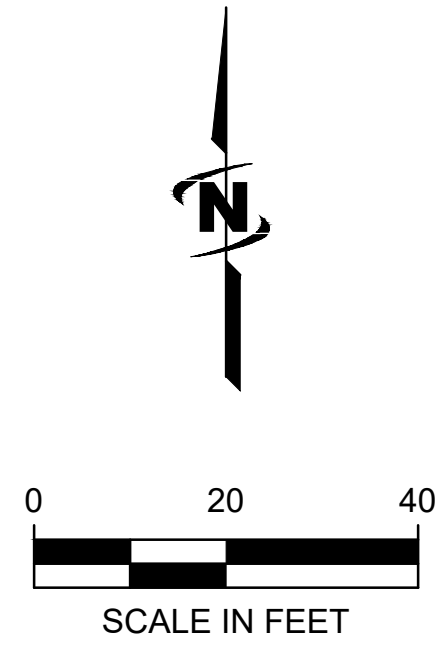
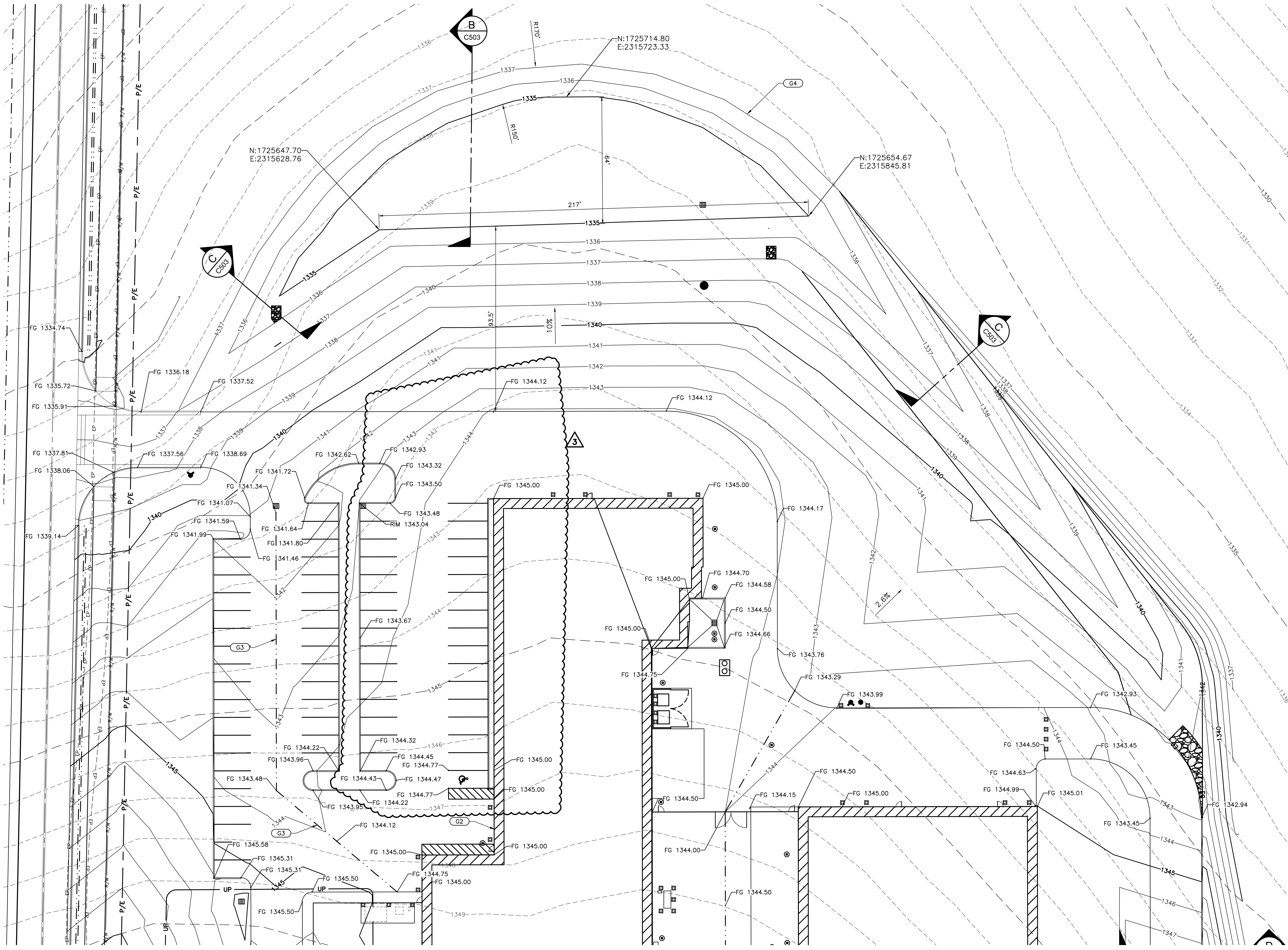
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UTILITIES





GRADING PLAN NOTES:

G1 MATCH TO EXISTING

G2 CONCRETE SIDEWALK IS TO BE FLUSH WITH ASPHALT.

G3 ASPHALT SWALE

GRADING PLAN NOTES:

G4 DETENTION POND:
EL 1335: AREA 11,175 SF
EL 1337: AREA 26,925 SF
TOTAL POND CAPACITY: 31,300 CF

MATCHLINE
SEE SHEET C-111

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10 SOUTH COOPER AVENUE, W.A. 98204
TEL: 206.465.8811 FAX: 206.465.2194

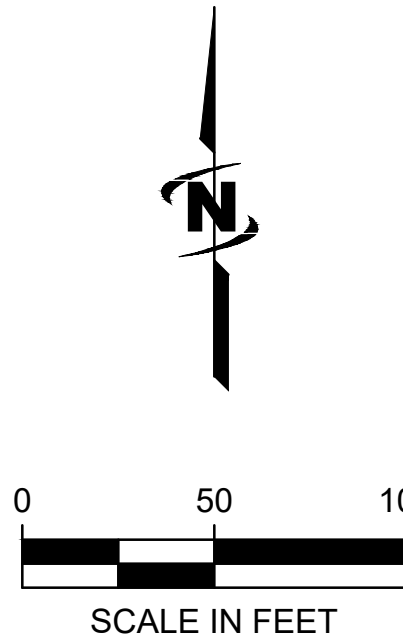
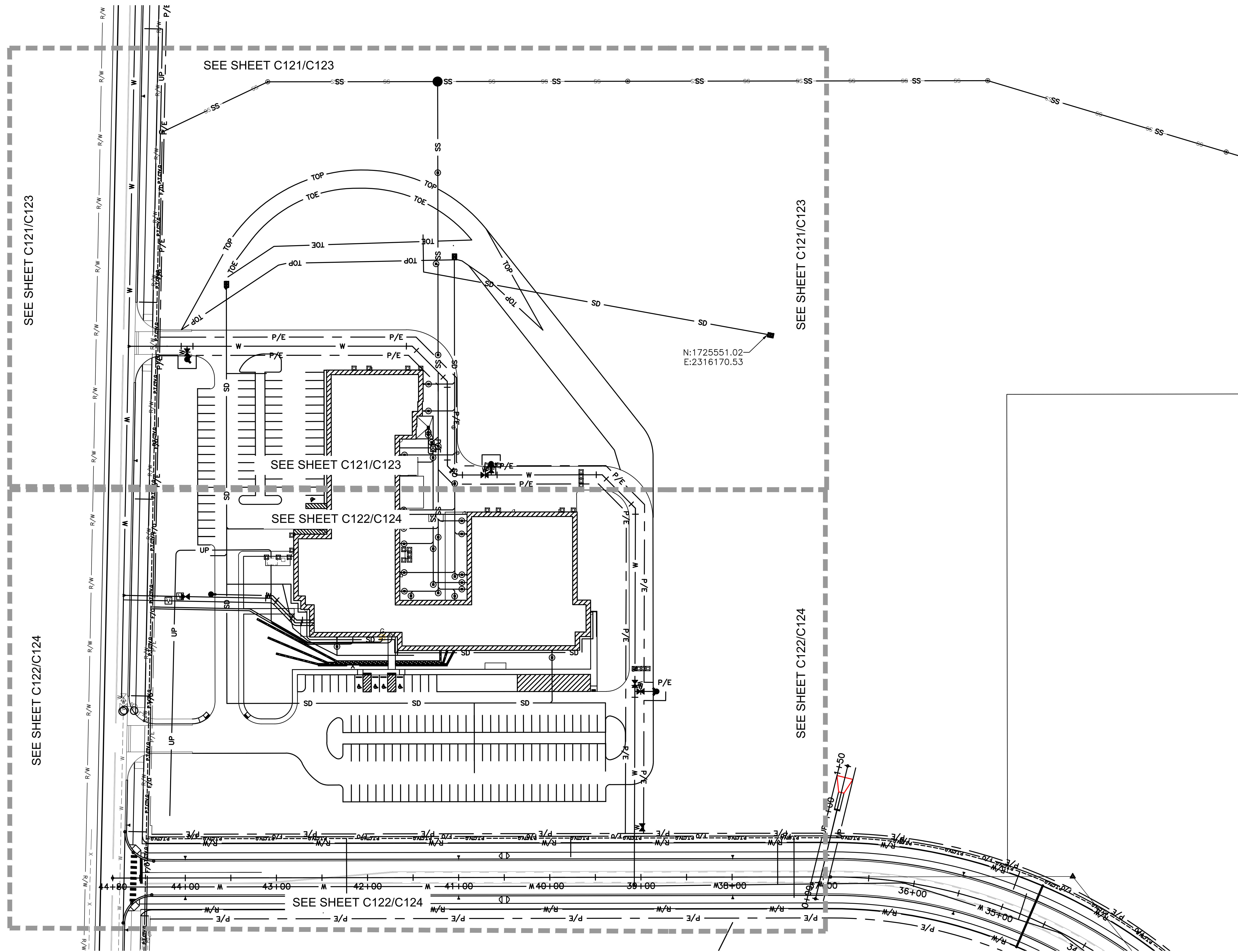
J-U-B ENGINEERS, INC.

**LEWIS-CLARK STATE COLLEGE
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Date:	12/21/18
Job No.:	21723.00
Drawn By:	EEF
Checked by:	JRW
Revisions	
#	Date Description
1	6/19/19 ASI NO. 1
2	12/12/19 CONTAINMENT PIT CHANGE
3	4/7/2020 PR11

SITE GRADING - NORTH

C112



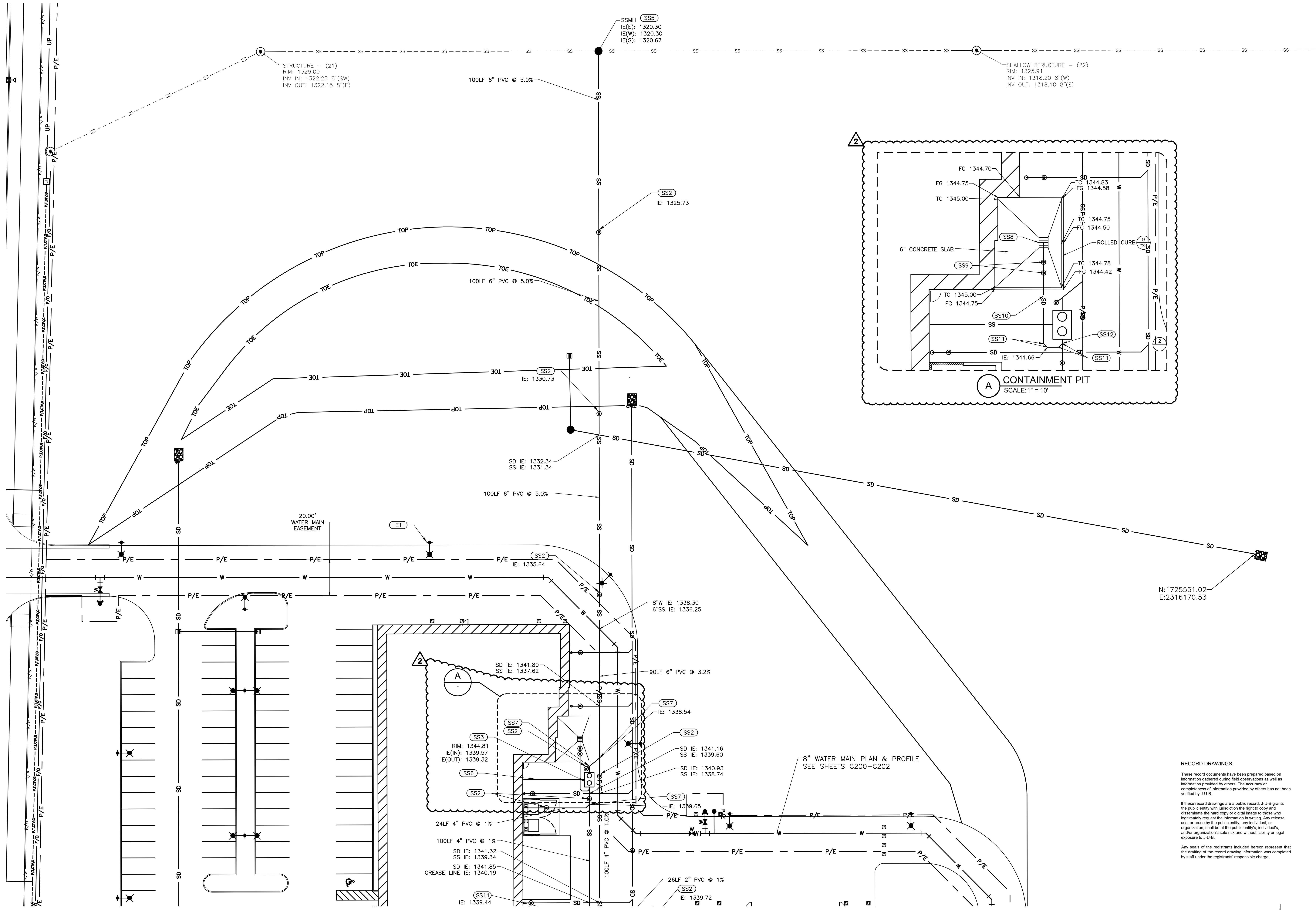
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UTILITIES

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Revisions	
#	Date Description

OVERALL
UTILITY PLAN

C120



SANITARY SEWER KEYED NOTES

- SS1 CONNECT SANITARY SEWER TO BUILDING. SEE MECHANICAL PLANS FOR CONTINUATION.
- SS2 SANITARY SEWER CLEANOUT
- SS3 OIL/WATER SEPARATOR, 1000 GALLONS, IN ACCORDANCE WITH CITY OF LEWISTON STANDARD DETAIL I-2
- SS4 4" 45° PVC BEND.
- SS5 SANITARY SEWER MANHOLE IN ACCORDANCE WITH CITY OF LEWISTON STANDARD DETAIL 5-3.
- SS6 TWO (2) 4" PVC VENT PIPES. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- SS7 4" x 6" PVC WYE.

2

SS8 CATCH BASIN PER COL. STD. DETAILS. TYPE 1A CB WITH VANED GRATE & FRAME. PROVIDE 6" PVC TEE FOR SEDIMENT & OIL. RIM: 1344.55 IE(S): 1341.95

SS9 DUAL CLEANOUT

SS10 33 LF 6" PVC @1.0%

SS11 6" 45° BEND

SS12 SERVICE CONNECTION 8" X 6" PVC WYE IE: 1339.584

ELECTRICAL KEYED NOTES

- E1 SITE LIGHTING. TYPICAL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

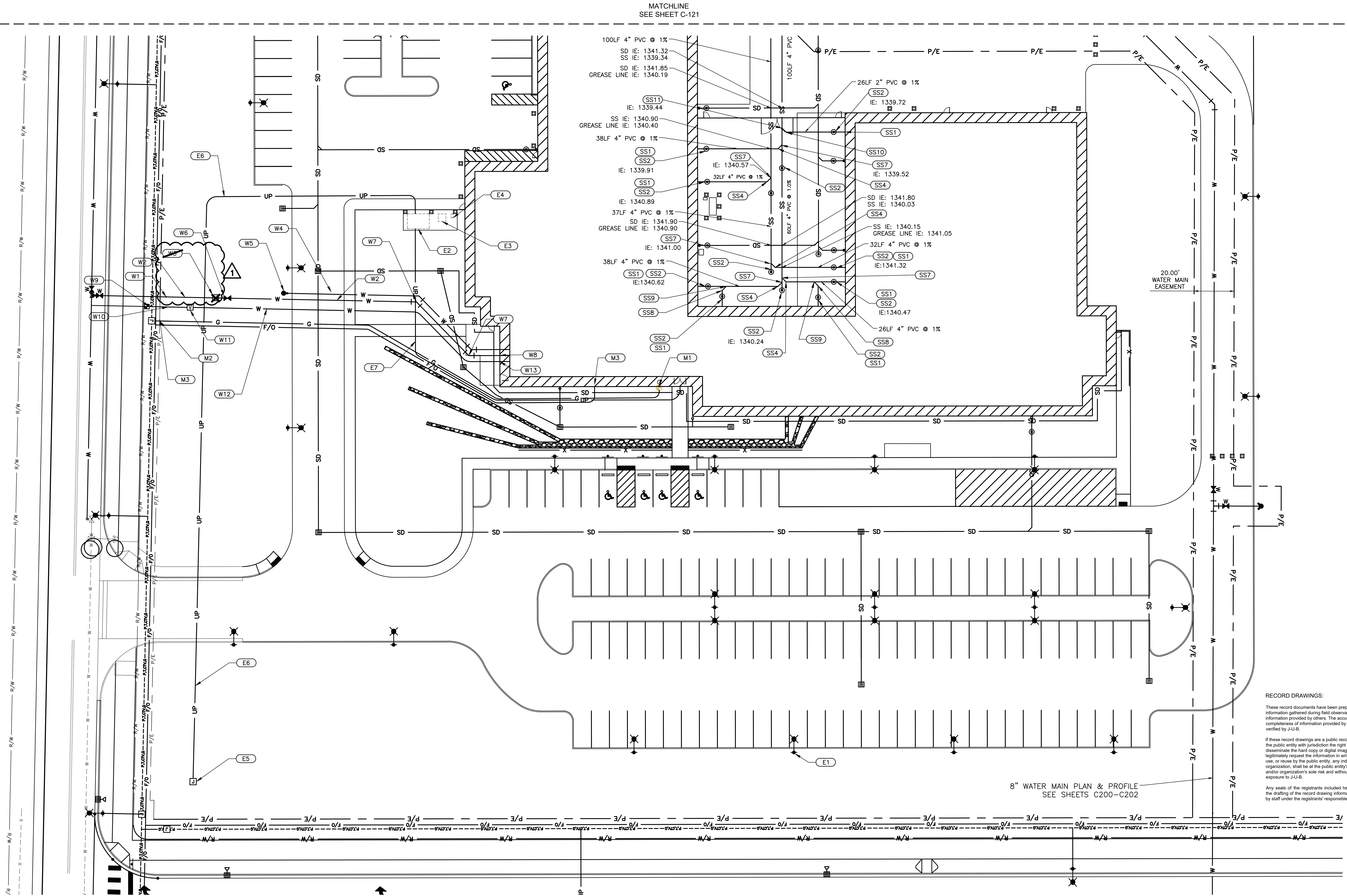
SEE SHEETS C123 & C124 FOR STORM DRAINAGE UTILITIES



CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



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WATER KEYED NOTES

- (W1) CONNECT TO 6" DI WATER LINE.
- (W2) 6" CL50 DI WATER LINE
- (W3) DOUBLE DETECTOR CHECK VALVE ASSEMBLY (DDCV).
- (W4) ROUTE 4" DI WATER LINE TO RISER ROOM INSIDE BUILDING.
- (W5) FIRE DEPARTMENT CONNECTION (FDC)
- (W6) POST INDICATOR VALVE (PIV)
- (W7) 45° BEND WITH THRUST BLOCK. THRUST BLOCK PER C.O.L. STD. DWG. 4-4.
- (W8) CAP AND MARK 6" WATER LINE 5' FROM BUILDING.
- (W9) CONNECT TO 2" WATER SERVICE CONNECTION.
- (W10) 2" DOMESTIC WATER LINE

- (W11) REDUCED PRESSURE BACKFLOW ASSEMBLY, RPBA IN ACCORDANCE WITH CITY OF LEWISTON STANDARD DETAIL 4-11.
- (W12) 2-1/2" SCH 40 PVC DOMESTIC WATER PIPE.
- (W13) CAP AND MARK 2-1/2" WATER LINE 5' FROM BUILDING.

MISCELLANEOUS KEYED NOTES

- (M1) GAS METER. COORDINATE WORK WITH AVISTA.
- (M2) NEW 2" GAS SERVICE. CONNECT TO NEW GAS MAIN IN CECIL ANDRUS WAY. COORDINATE WORK WITH AVISTA.
- (M3) PROVIDE THREE (3) 4" CONDUITS FOR TELECOMMUNICATIONS. SEE MECHANICAL PLANS FOR BUILDING POINTS OF CONNECTION.

SANITARY SEWER KEYED NOTES

- (SS1) CONNECT SANITARY SEWER TO BUILDING. SEE MECHANICAL PLANS FOR CONTINUATION.
- (SS2) SANITARY SEWER CLEANOUT $\frac{6}{200}$
- (SS3) OIL/WATER SEPARATOR, 1000 GALLONS, IN ACCORDANCE WITH CITY OF LEWISTON STANDARD DETAIL 1-2
- (SS4) 4" 45° PVC BEND.
- (SS5) SANITARY SEWER MANHOLE IN ACCORDANCE WITH CITY OF LEWISTON STANDARD DETAIL 5-3.
- (SS6) TWO (2) 4" PVC VENT PIPES. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- (SS7) 4" x 6" PVC WYE.
- (SS8) 3" x 4" PVC BEND
- (SS9) 3" x 4" PVC WYE.
- (SS10) 2" 45° PVC BEND
- (SS11) 2" x 6" PVC WYE.

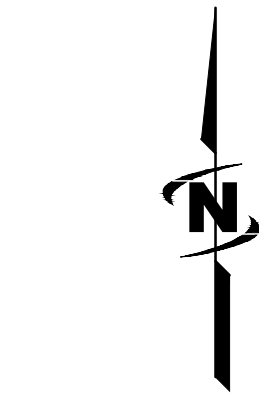
ELECTRICAL KEYED NOTES

- (E1) SITE LIGHTING. TYPICAL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- (E2) TRANSFORMER. COORDINATE WORK WITH AVISTA UTILITIES AND SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- (E3) SECONDARY ENCLOSURE. SEE ELECTRICAL PLANS FOR MORE INFORMATION.
- (E4) PEDESTAL MOUNTED METER ENCLOSURE. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- (E5) JUNCTION ENCLOSURE BY AVISTA UTILITIES.
- (E6) PROVIDE TRENCHING FOR PRIMARY ELECTRICAL CONDUIT. COORDINATE WORK WITH AVISTA UTILITIES AND SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- (E7) ROUTE ELECTRICAL FROM TRANSFORMER TO BUILDING POINT OF CONNECTION. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

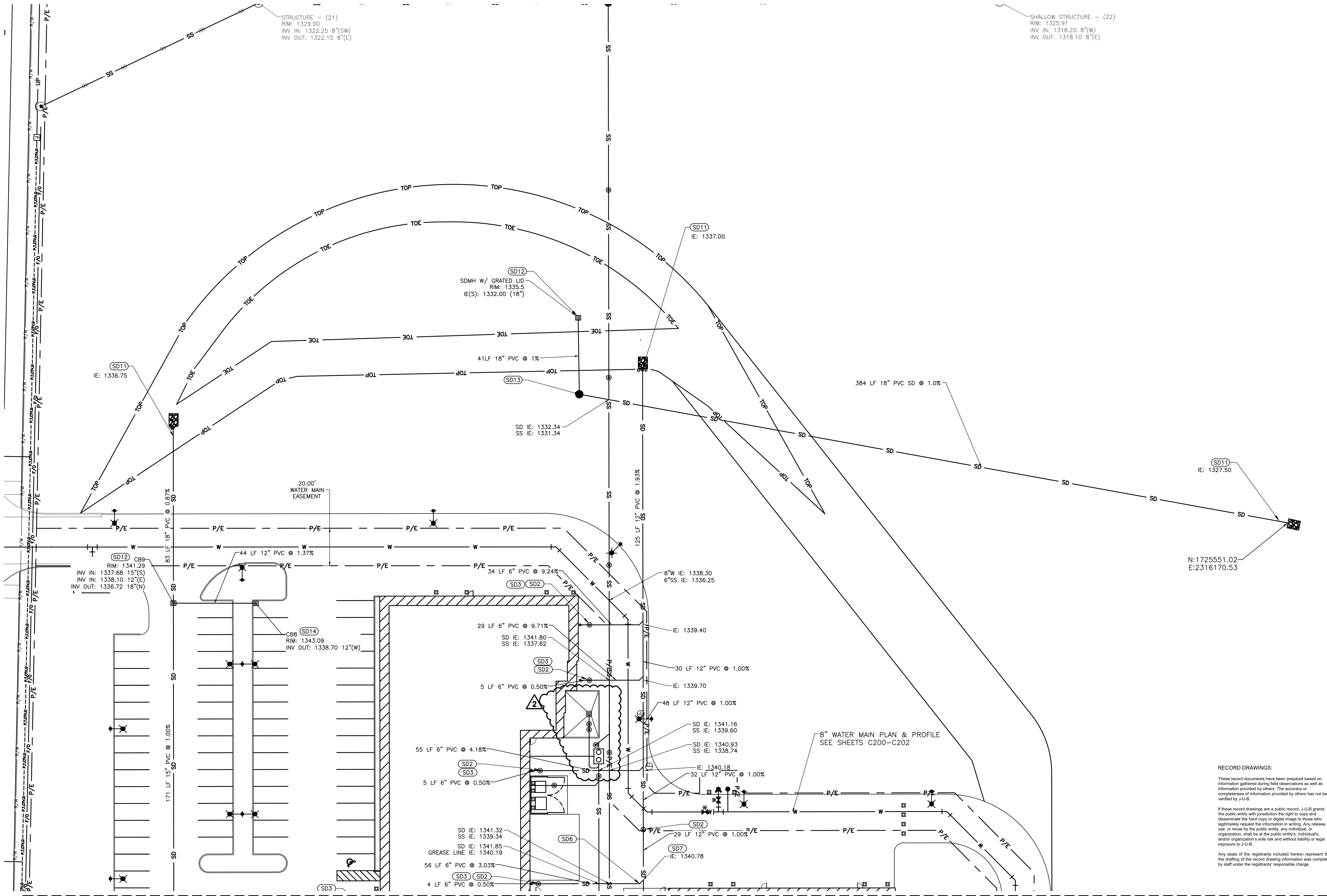
SEE SHEETS C123 & C124 FOR STORM DRAINAGE UTILITIES



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STORM DRAINAGE KEYED NOTES

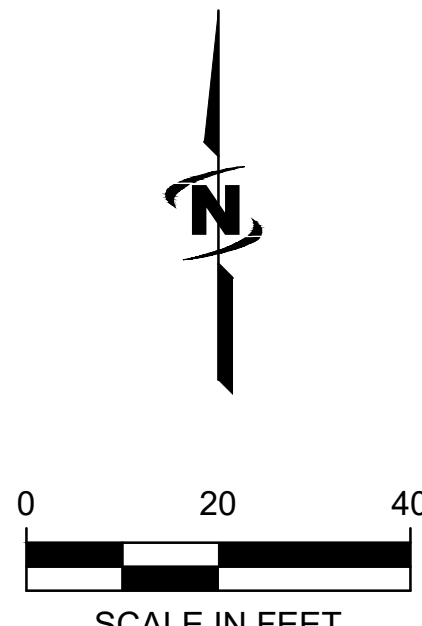
- (SD1) CATCH BASIN IN ACCORDANCE WITH C.O.L. STD. DWG. 6-8.
- (SD2) STORM DRAIN CLEANOUT
- (SD3) CONNECT 4" ROOF DOWNSPOUT TO STORM DRAIN LINE.
- (SD4) 5 LF 4" PVC @ 0.5%, CONNECT TO 6" STORM DRAIN LINE WITH 6" x 6" x 4" TEE.
- (SD5) 8" x 15" PVC BEND.

- (SD6) 6" 45° PVC BEND.
- (SD7) 6" x 12" PVC WYE.
- (SD8) 8" 45° PVC BEND.
- (SD9) 8" PVC WYE.
- (SD10) 6" x 8" PVC WYE.
- (SD11) OUTFALL PROTECTION.

- (SD12) CATCH BASIN IN ACCORDANCE WITH C.O.L. STD. DWG. 6-9 (TYPE 1A).
- (SD13) STORM DRAIN CONTROL STRUCTURE.
- (SD14) CATCH BASIN W/ CONCRETE COLLAR.



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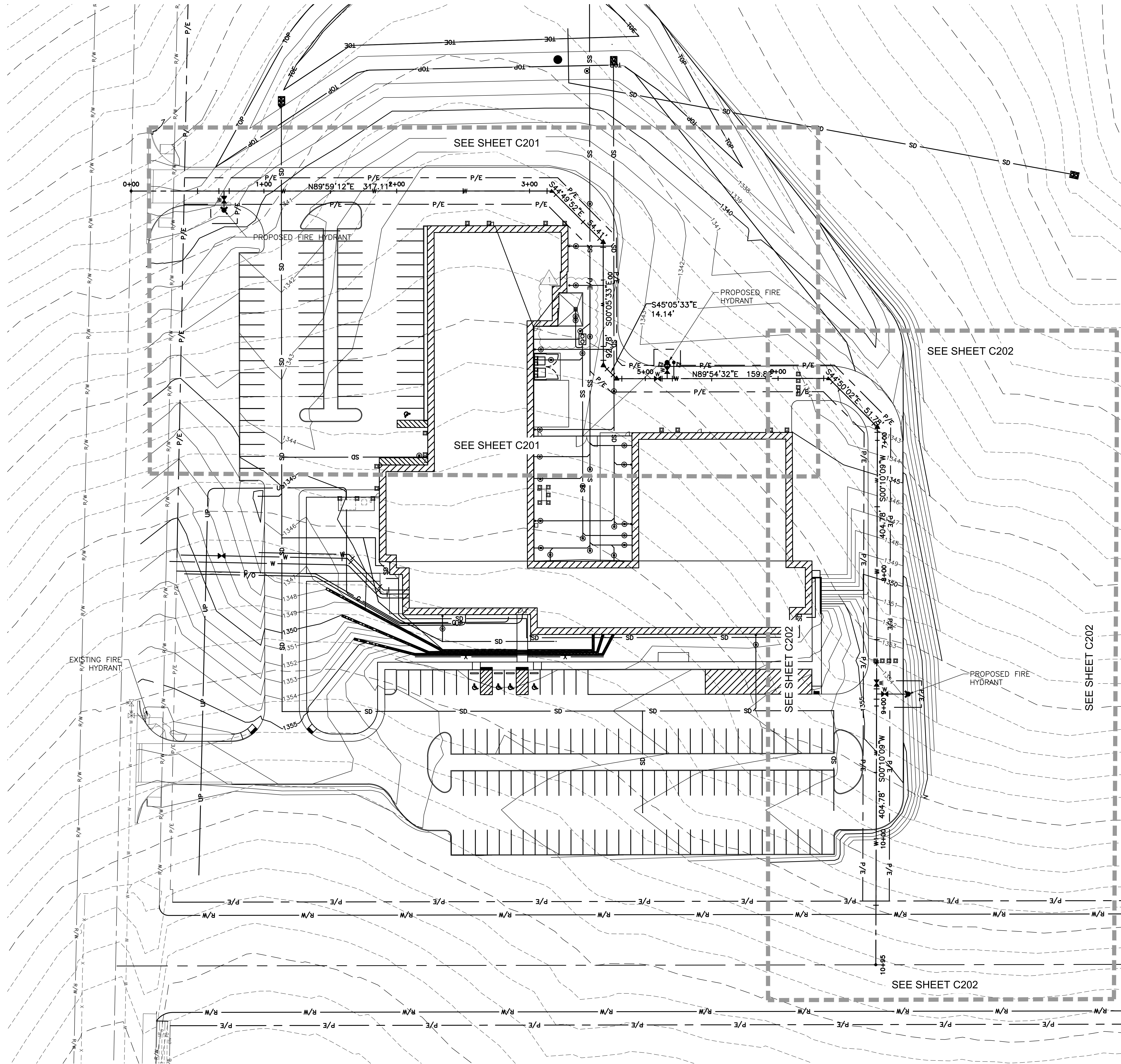
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Checked by:	JRW
Revisions	
#	Date Description
1	6/19/19 ASI NO. 1
2	12/12/19 CONTAINMENT PIT CHANGE

STORM
DRAIN PLAN
NORTH

C123

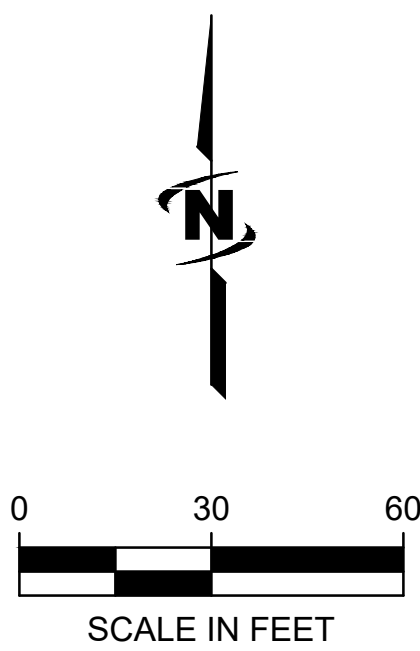


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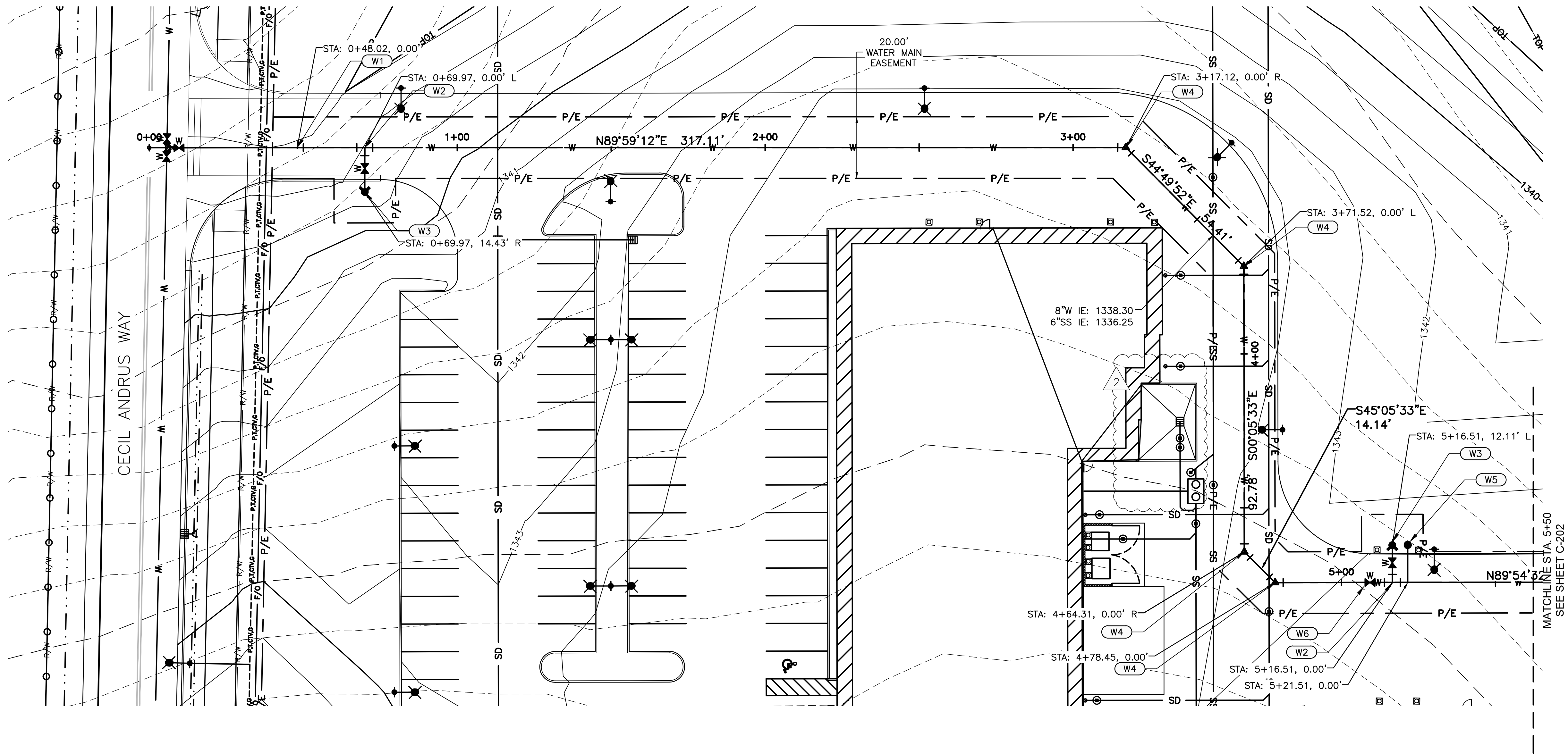
Know what's below.
Call before you dig.

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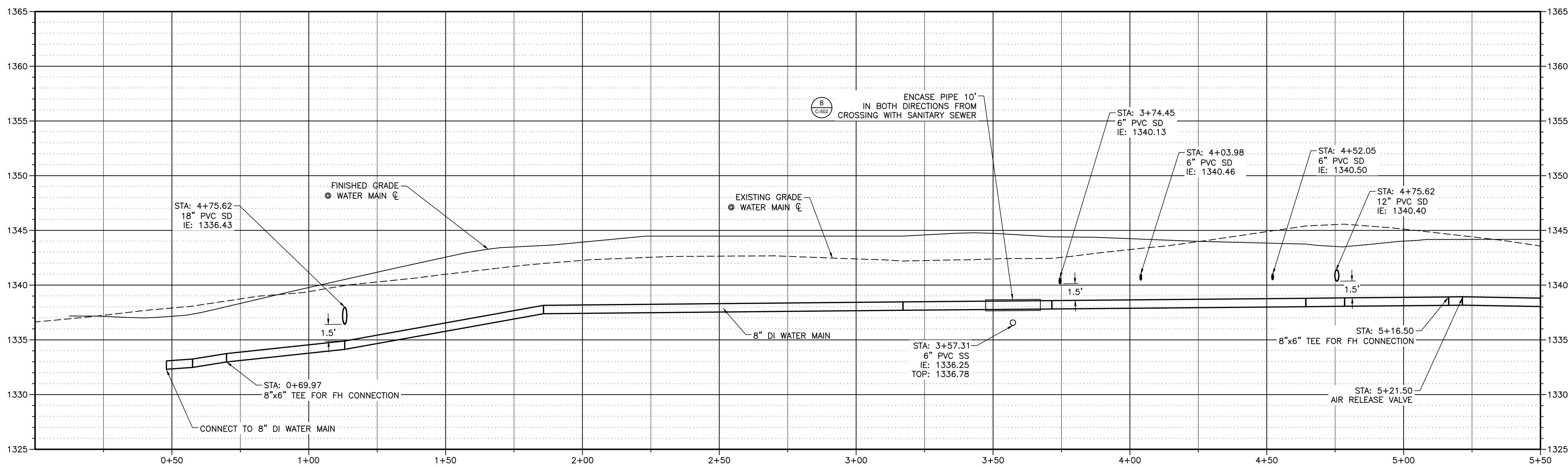
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Revisions	
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1	12/12/19 CONTAINMENT PIT CHANGE

OVERALL WATER
MAIN PLAN



- WATER KEYED NOTES
- W1 CONNECT TO 8" DI WATER MAIN
 - W2 8"x8"x6" FL TEE, THRUST BLOCK, AND 6" GATE VALVES. SEE C.O.L. STD. DWG. 4-12.
 - W3 FIRE HYDRANT PER C.O.L. STD. DWG. 4-12.
 - W4 45° BEND AND THRUST BLOCK (THRUST BLOCK PER C.O.L. STD. DWG. 4-4).
 - W5 AIR RELEASE VALVE PER ISPPWC SD-408.
 - W6 8" FL x MJ GATE VALVE.



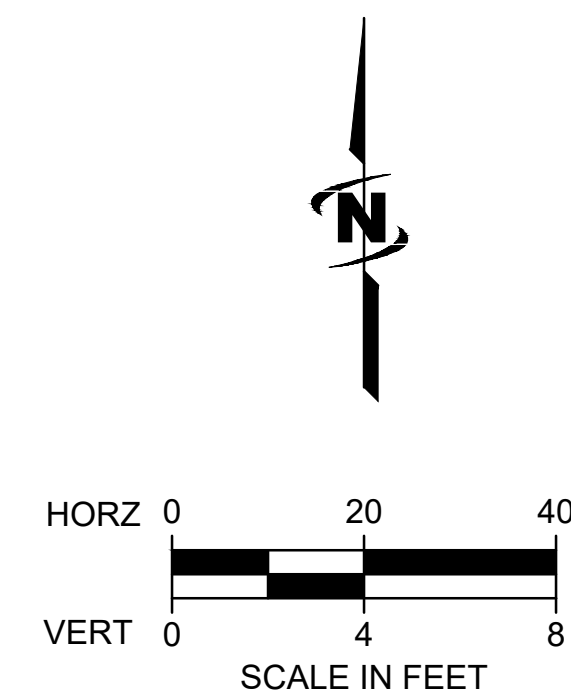
WATER MAIN PROFILE STA: 0+00 TO 5+50

RECORD DRAWINGS:

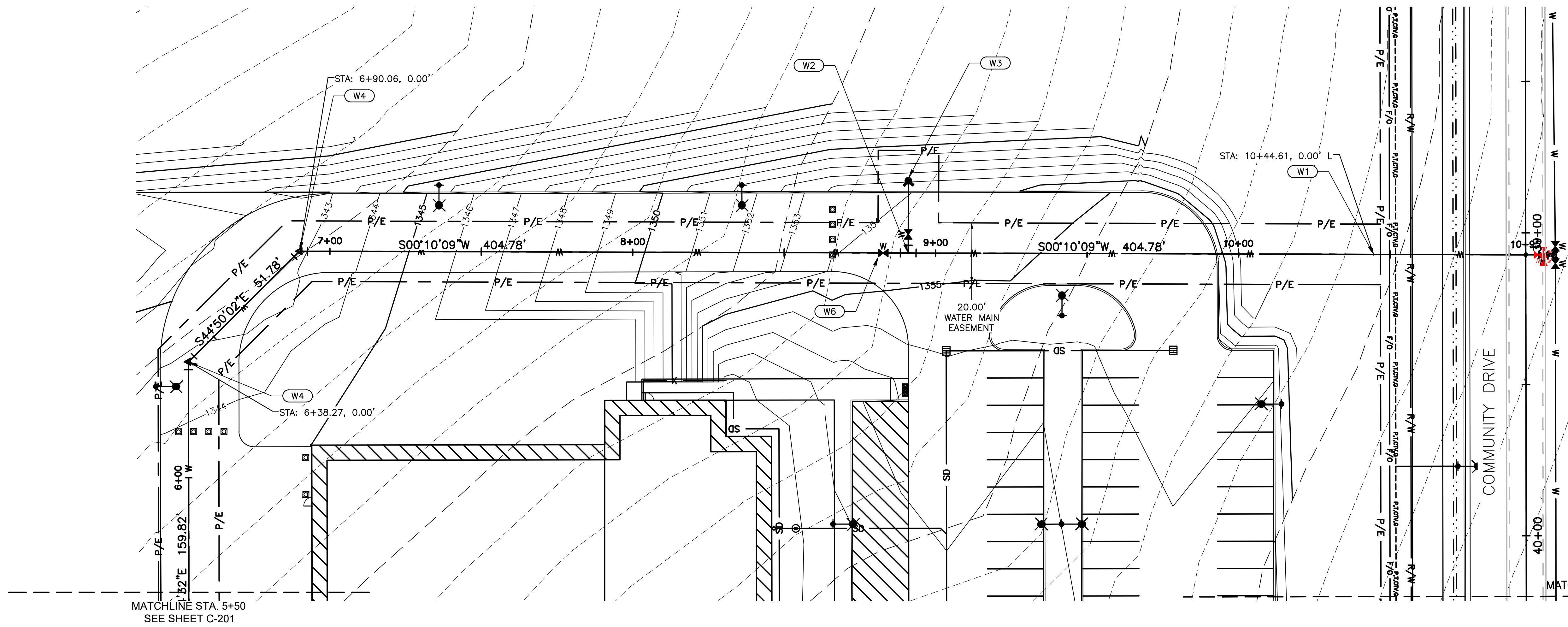
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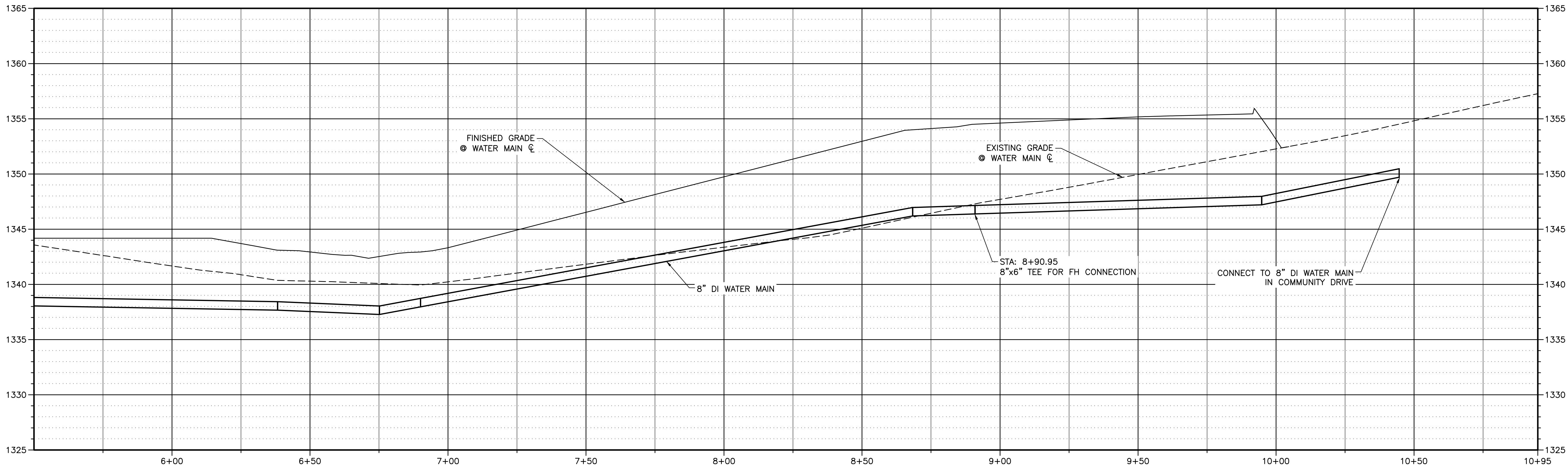
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- WATER KEYED NOTES
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 - W2 8"x8"x6" FL TEE, THRUST BLOCK, AND 6" GATE VALVES. SEE C.O.L. STD. DWG. 4-12.
 - W3 FIRE HYDRANT PER C.O.L. STD. DWG 4-12.
 - W4 45' BEND AND THRUST BLOCK (THRUST BLOCK PER C.O.L. STD. DWG. 4-4).
 - W5 AIR RELEASE VALVE PER ISPMC SD-408.
 - W6 8" FL x MJ GATE VALVE.



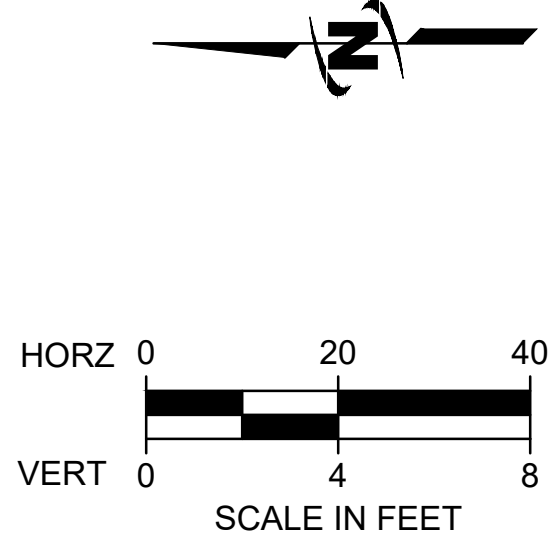
WATER MAIN PROFILE STA: 5+50 TO 10+95

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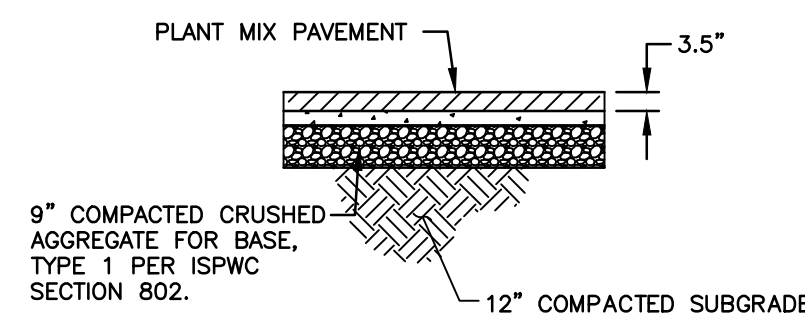
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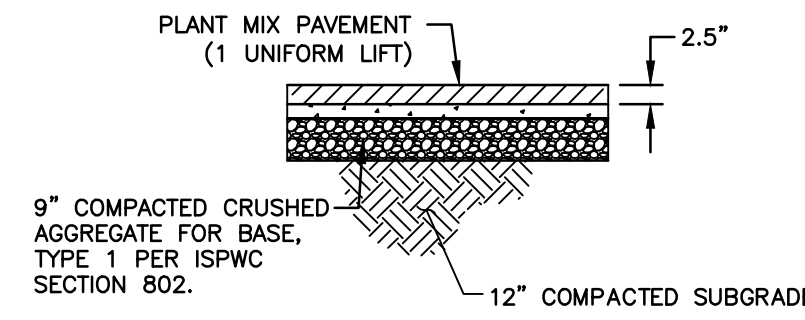
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#	Date	Description
1	3/4/19	ADD GATE VALVE



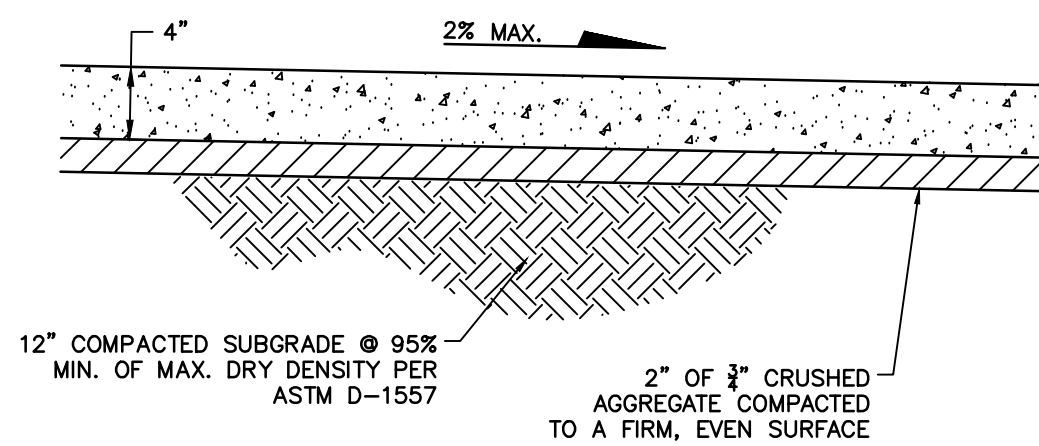
- NOTES:
1. ALL GRANULAR BASE/TOP COURSE AND SUBGRADE SHALL BE COMPACTED TO A MIN. 95% MAX. DRY DENSITY PER ASTM D1557.
 2. HMA SHALL BE COMPACTED TO A MIN. OF 92% OF THE MAX. SPECIFIC GRAVITY (RICE DENSITY).
 3. ASPHALT PAVEMENT SHALL BE COMMERCIAL HMA CL. 1/2" WITH PG 64-28 ASPHALT BINDER.
 4. SUBMIT MIX DESIGN FOR APPROVAL IN ACCORDANCE WITH ISPC REQUIREMENTS.
 5. HMA SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 5-04 OF THE LATEST EDITION OF THE WSDOT STANDARD SPECIFICATIONS.
 6. APPLY SOIL RESIDUAL HERBACIDE NO SOONER THAN 24-HRS PRIOR TO PAVING. APPLY PER MANUFACTURER'S RECOMMENDATIONS FOR 3-INCH PENETRATION.

1 HEAVY DUTY ASPHALT
SCALE: N.T.S.



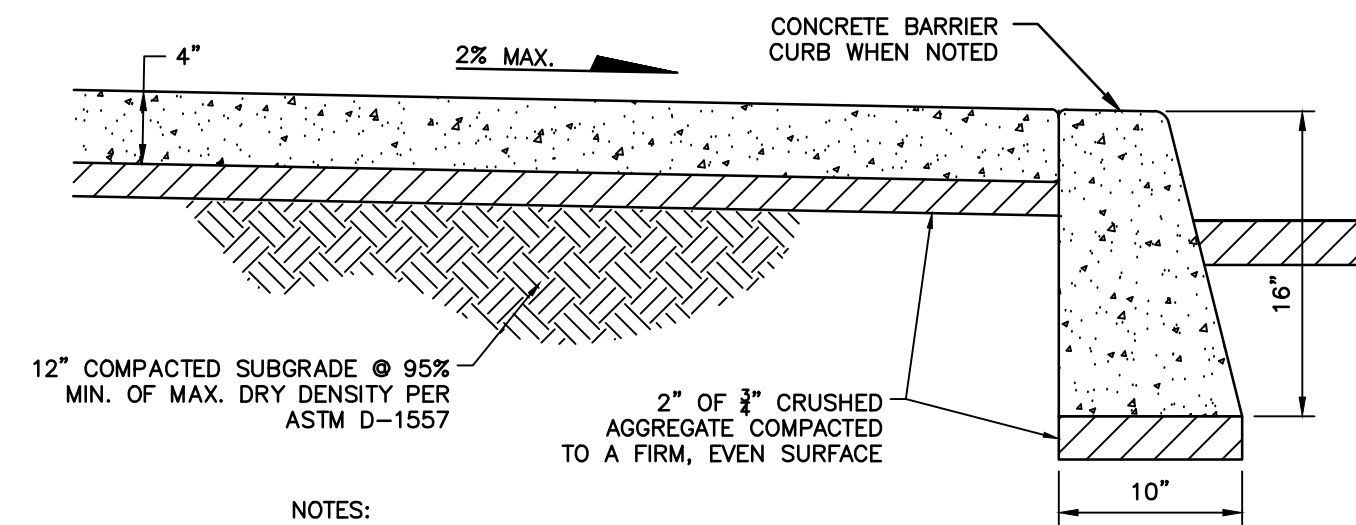
- NOTES:
1. ALL GRANULAR BASE/TOP COURSE AND SUBGRADE SHALL BE COMPACTED TO A MIN. 95% MAX. DRY DENSITY PER ASTM D1557.
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 6. APPLY SOIL RESIDUAL HERBACIDE NO SOONER THAN 24-HRS PRIOR TO PAVING. APPLY PER MANUFACTURER'S RECOMMENDATIONS FOR 3-INCH PENETRATION.

2 STANDARD DUTY ASPHALT
SCALE: N.T.S.



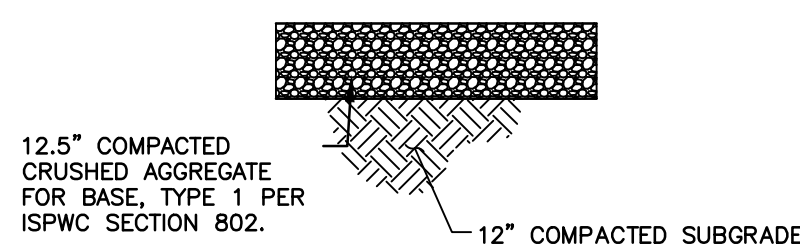
- NOTES:
1. SIDEWALK DUMMY JOINTS ON 5' CENTERS.
 2. 1/2" MASTIC EXPANSION JOINTS EVERY 30' AND AT POINTS OF CURVATURE ON CURB RETURNS.
 3. CLASS 5 CONCRETE

3 ON-SITE CONCRETE
SCALE: N.T.S.



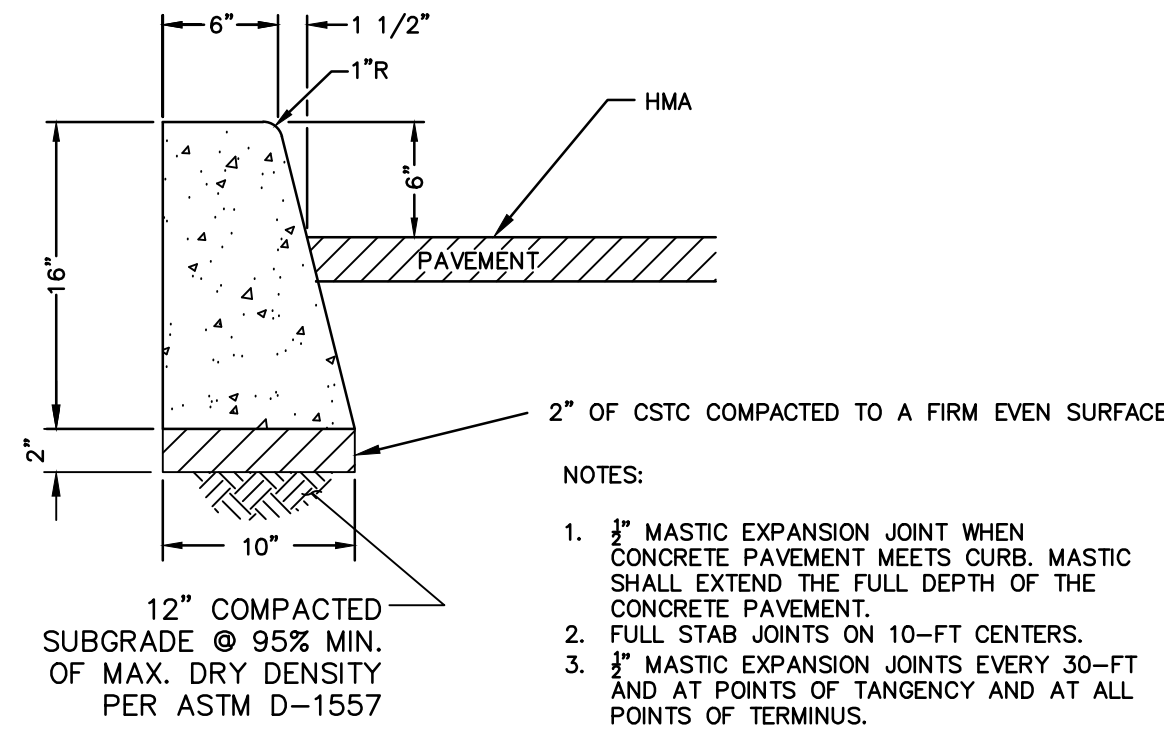
- NOTES:
1. SIDEWALK DUMMY JOINTS ON 5' CENTERS.
 2. 1/2" MASTIC EXPANSION JOINTS EVERY 30' AND AT POINTS OF CURVATURE ON CURB RETURNS.
 3. CLASS 5 CONCRETE

4 CONCRETE SIDEWALK
SCALE: N.T.S.



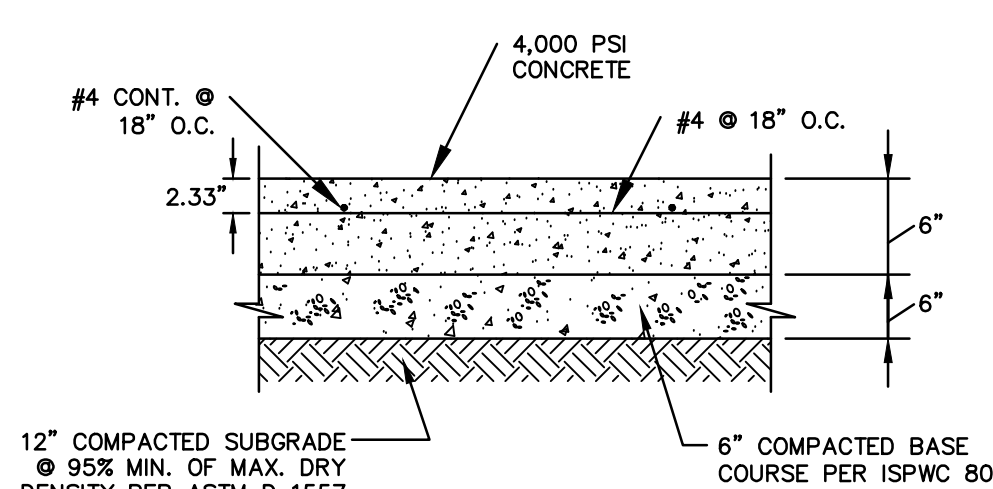
- NOTES:
1. ALL GRANULAR BASE/TOP COURSE AND SUBGRADE SHALL BE COMPACTED TO A MIN. 95% MAX. DRY DENSITY PER ASTM D1557.
 2. APPLY SOIL RESIDUAL HERBACIDE NO SOONER THAN 24-HRS PRIOR TO PAVING. APPLY PER MANUFACTURER'S RECOMMENDATIONS FOR 3-INCH PENETRATION.

5 GRAVEL SURFACE
SCALE: N.T.S.



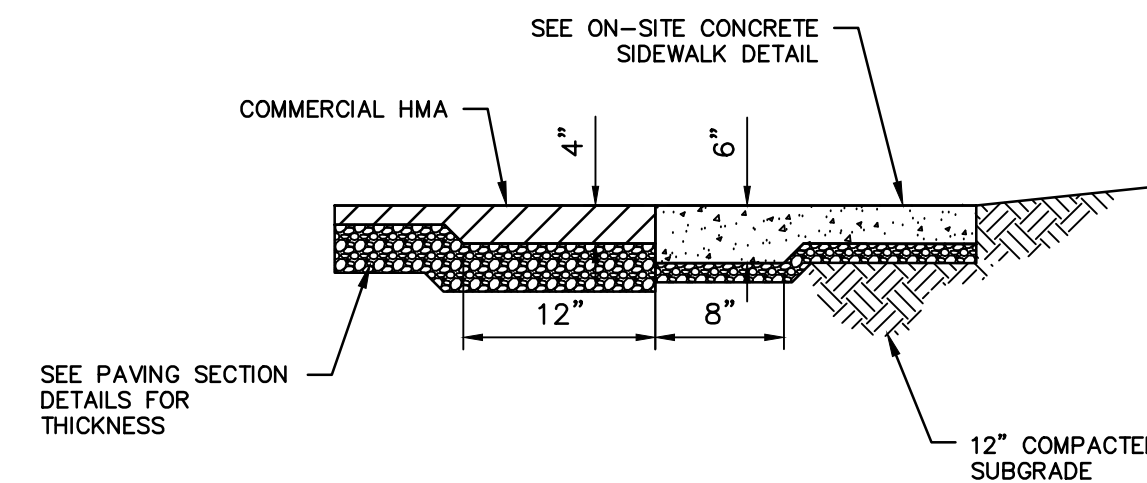
- NOTES:
1. 1/2" MASTIC EXPANSION JOINT WHEN CONCRETE PAVEMENT MEETS CURB. MASTIC SHALL EXTEND THE FULL DEPTH OF THE CONCRETE PAVEMENT.
 2. FULL STAB JOINTS ON 10-FT CENTERS.
 3. 1/2" MASTIC EXPANSION JOINTS EVERY 30'-FT AND AT POINTS OF TANGENCY AND AT ALL POINTS OF TERMINUS.

6 CONCRETE BARRIER CURB
SCALE: N.T.S.



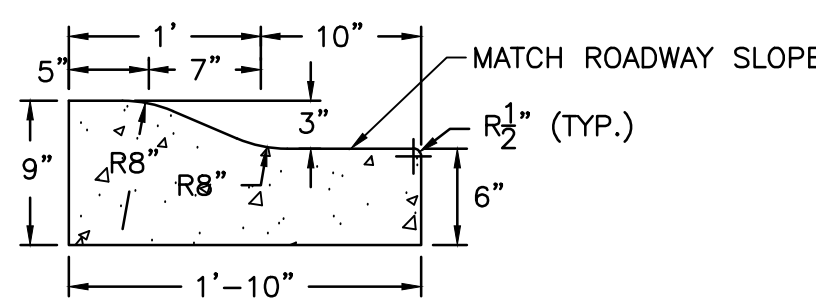
- NOTES:
1. ALL GRANULAR BASE/TOP COURSE AND SUBGRADE SHALL BE COMPACTED TO A MIN. 95% MAX. DRY DENSITY PER ASTM D1557.
 2. JOINTS SHALL BE SQUARE AND EVENLY SPACED.
 3. 1/2" MASTIC EXPANSION JOINTS WHERE PAVEMENT ABUTTS A STRUCTURE.
 4. MIN. 4,000 PSI 28 DAY COMPRESSIVE STRENGTH.
 5. REFER TO DETAIL 11/C-502 FOR ADDITIONAL INFORMATION.

7 CONCRETE SLAB ON GRADE
SCALE: N.T.S.

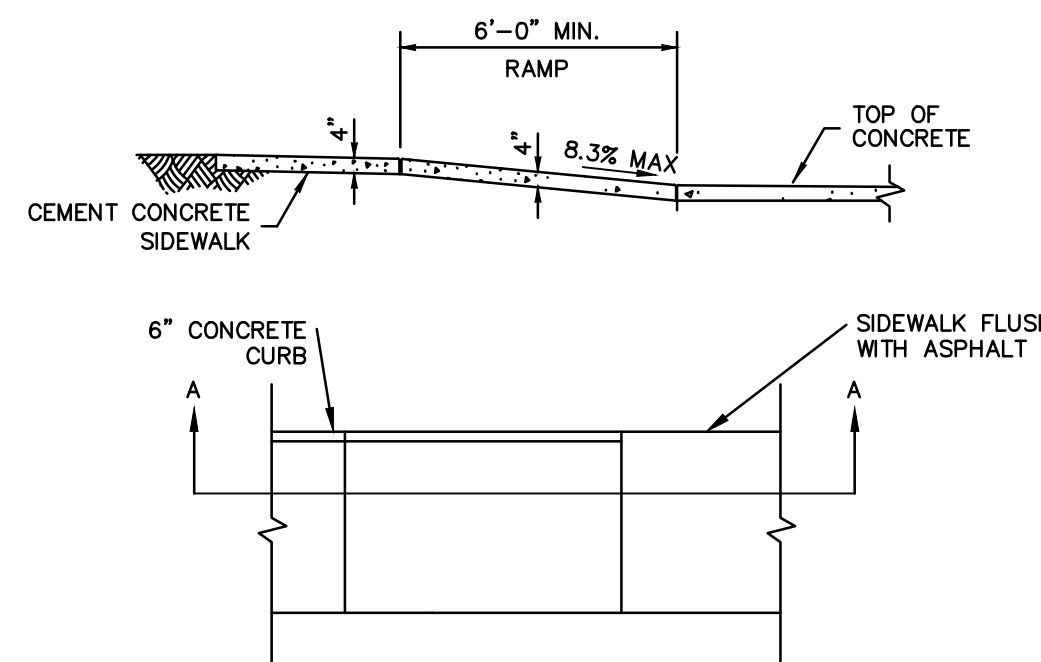


- NOTES:
1. PROVIDE 1/2" MASTIC EXPANSION JOINT WHEN CONCRETE PAVEMENT MEETS CURB. MASTIC SHALL EXTEND THE FULL DEPTH OF THE CONCRETE PAVEMENT.
 2. CONCRETE PAVEMENT SHALL HAVE A SMOOTH BROOM FINISH.
 3. ALL GRANULAR BASE/TOP COURSE AND SUBGRADE SHALL BE COMPACTED TO A MIN. 95% MAX. DRY DENSITY PER ASTM D1557.

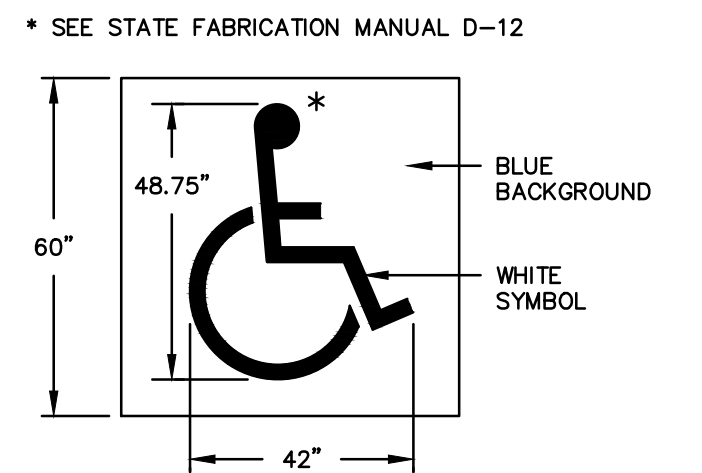
8 CONCRETE SIDEWALK FLUSH W/ ASPHALT
SCALE: N.T.S.



9 ROLLED CURB AND GUTTER
SCALE: N.T.S.

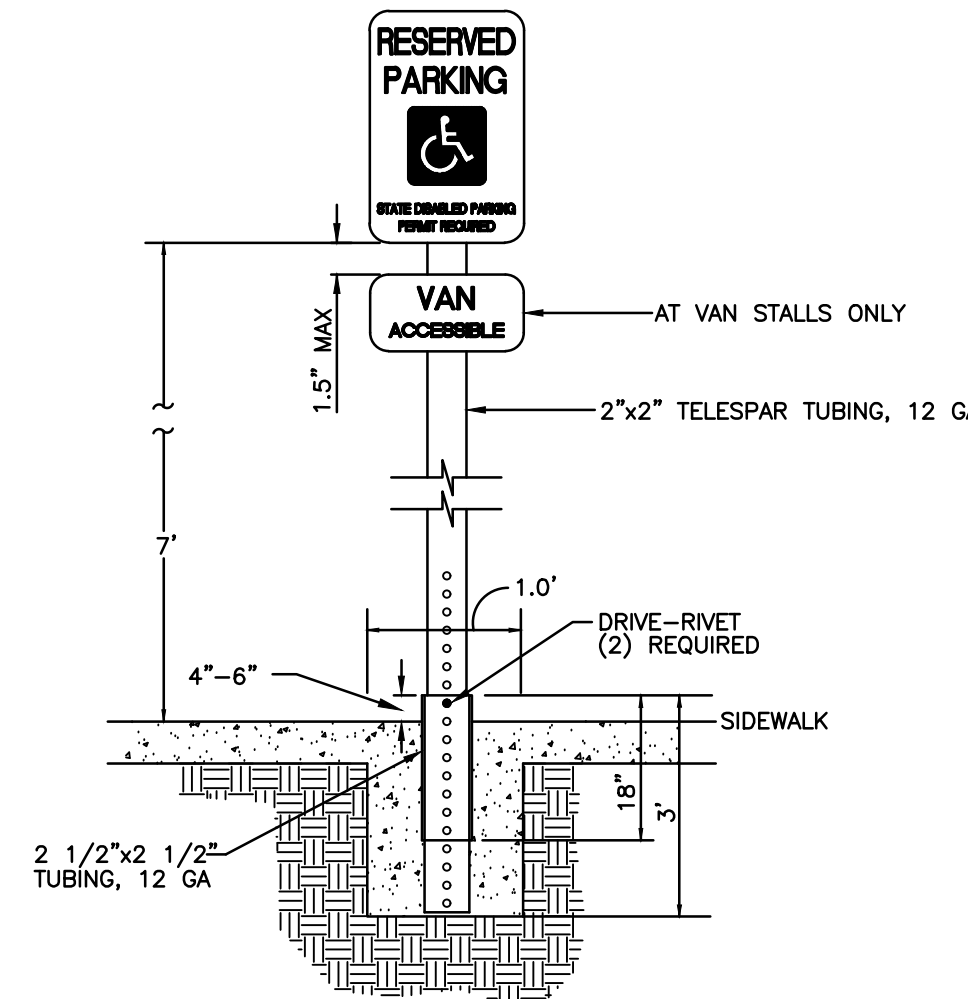


10 PEDESTRIAN RAMP
SCALE: N.T.S.



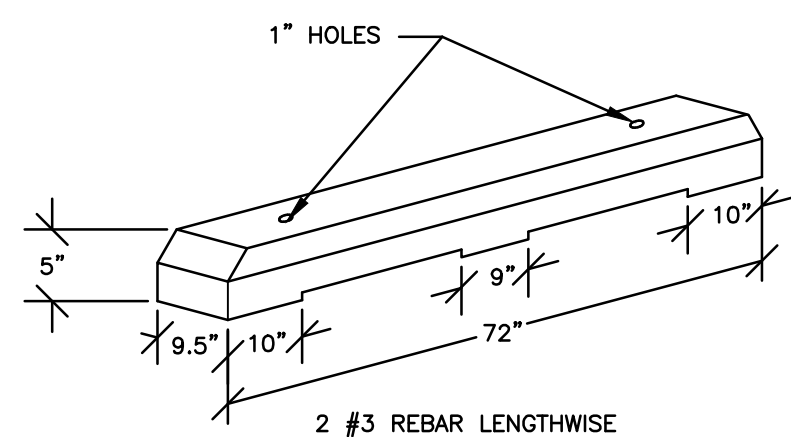
- NOTES:
1. 60"x60" BLUE BACKGROUND, BLUE SHALL BE IN ACCORDANCE WITH MUTCD/FEDERAL SPECIFICATIONS
 2. 42"x48.75" SYMBOL OF ACCESSIBILITY SHALL BE WHITE

11 PAINTED ACCESSIBLE PARKING SYMBOL
SCALE: N.T.S.



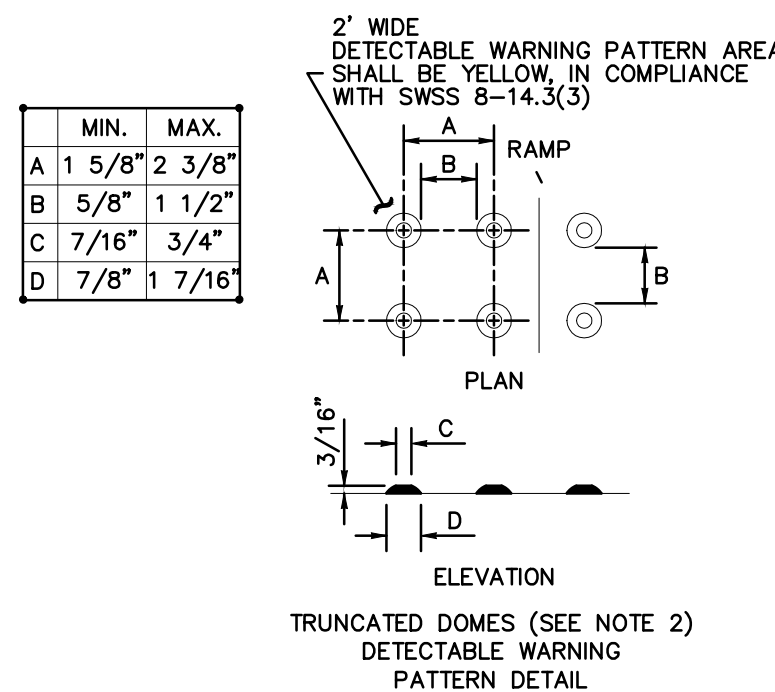
- NOTES:
1. SIGNAGE SHALL BE AS REQUIRED BY LOCAL AND STATE ORDINANCES.
 2. POSTS SHALL BE COLD ROLLED STEEL WITH PERFORATIONS OF 0.4375 INCH DIAMETER ON 1-INCH CENTERS ON ALL FOUR SIDES.
 3. GALVANIZED COATING SHALL CONFORM TO ASTM SPECIFICATION A-525, DES. 6-90.
 4. BASE POST SHALL BE DRIVEN WITH A MECHANICAL DRIVER.
 5. SIGN SHALL BE SET 3' FROM BACK EDGE OF PARKING BUMPER

12 ACCESSIBLE PARKING SIGN
SCALE: N.T.S.

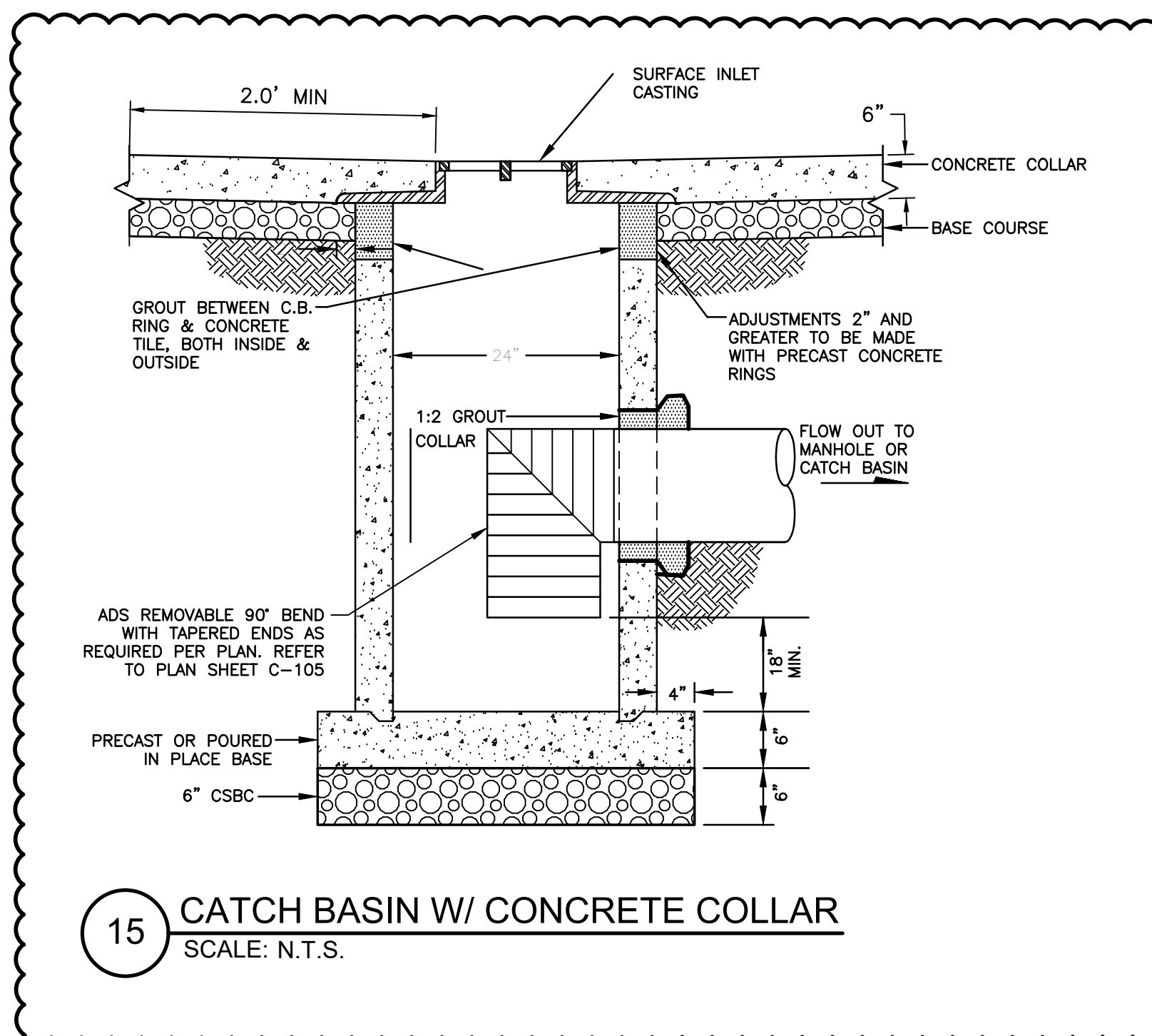


- NOTES:
- 1) BUMPERS SHALL BE ANCHORED WITH GROUTED #4 REBAR. 2 FEET IN LENGTH

13 CONCRETE PARKING BUMPER
SCALE: N.T.S.

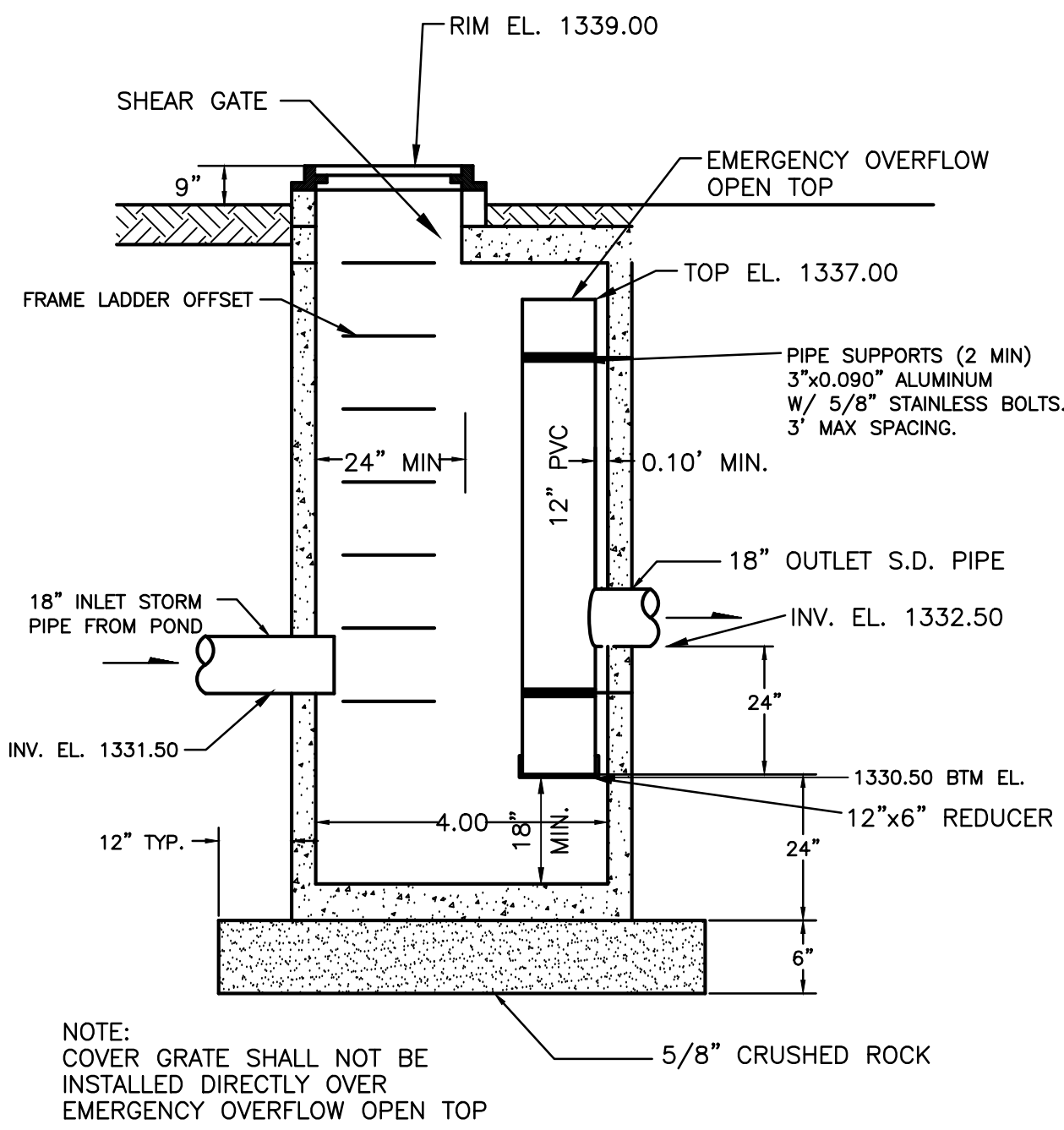


14 TRUNCATED DOME
SCALE: N.T.S.

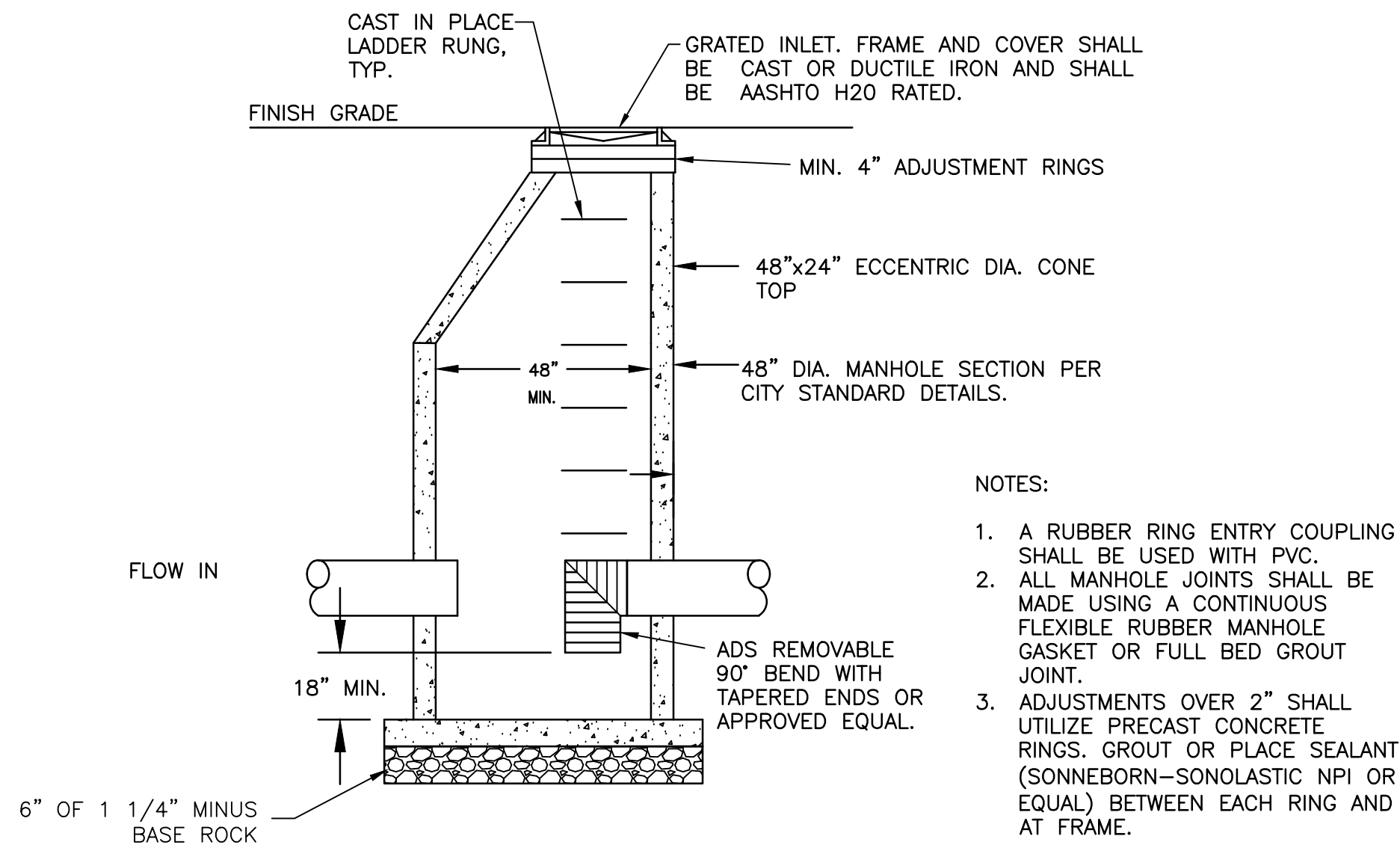


15 CATCH BASIN W/ CONCRETE COLLAR
SCALE: N.T.S.

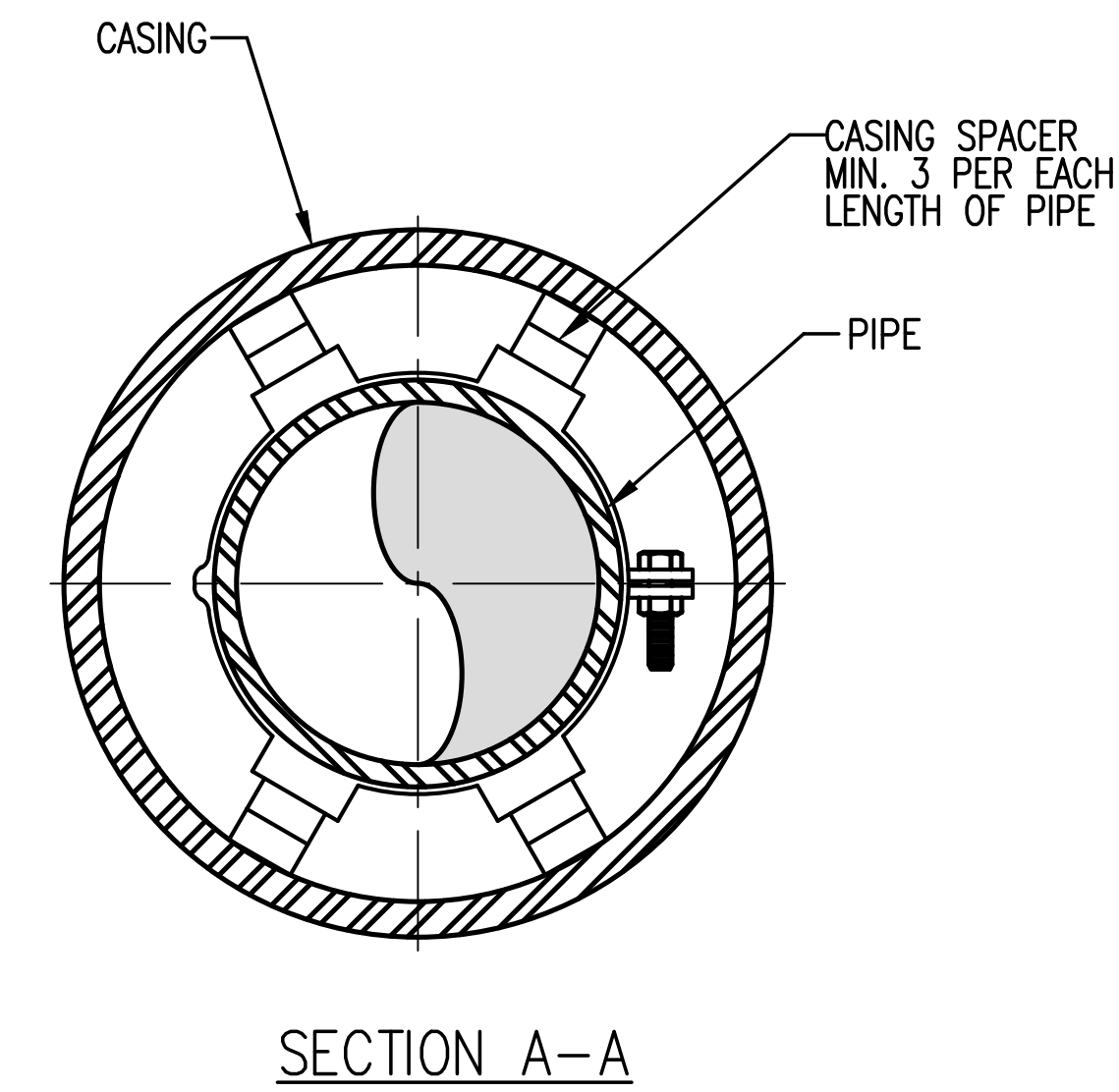
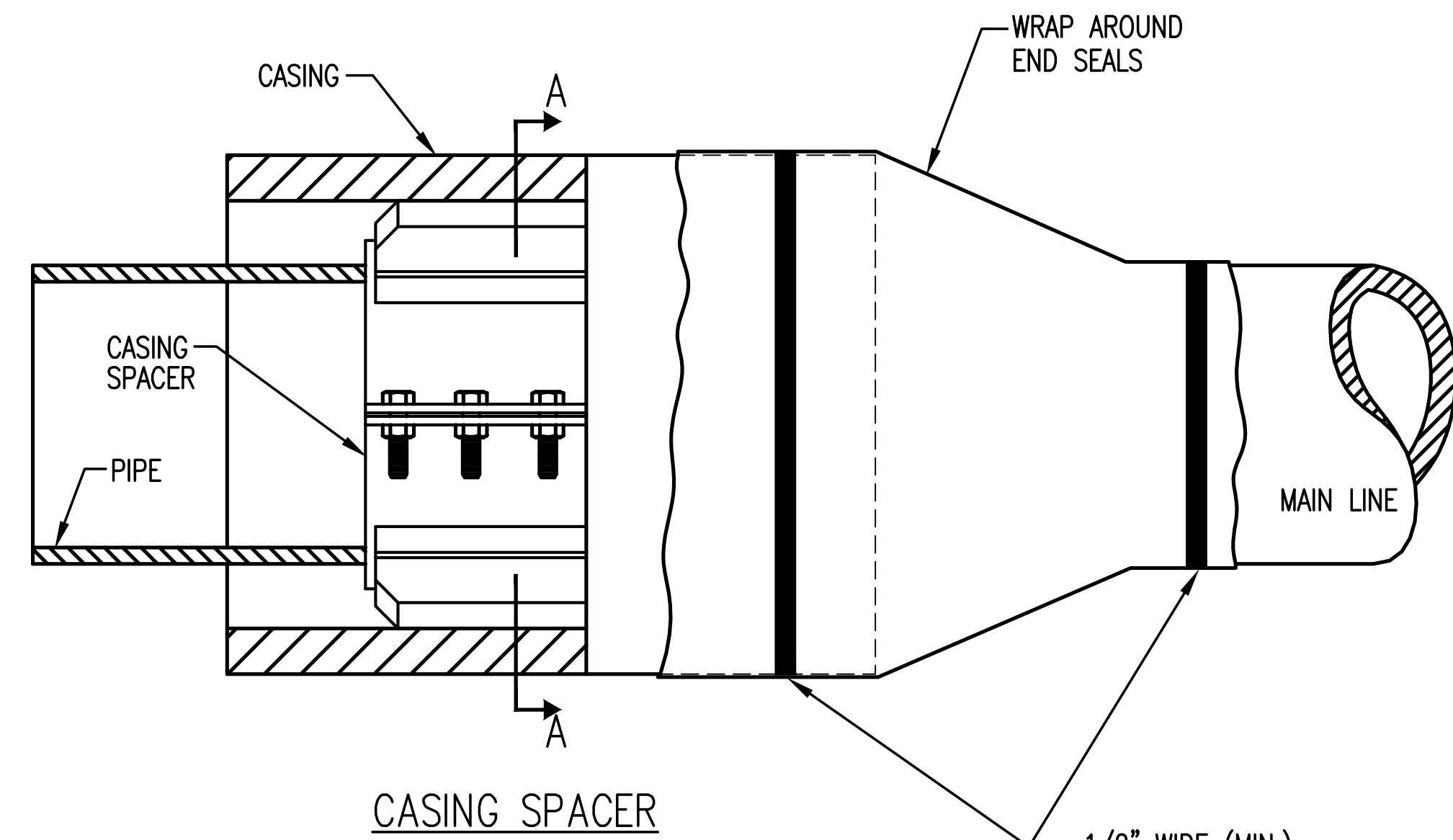
ASI NO. 1
VE ITEM 18



1 SD CONTROL MH
SCALE: N.T.S.

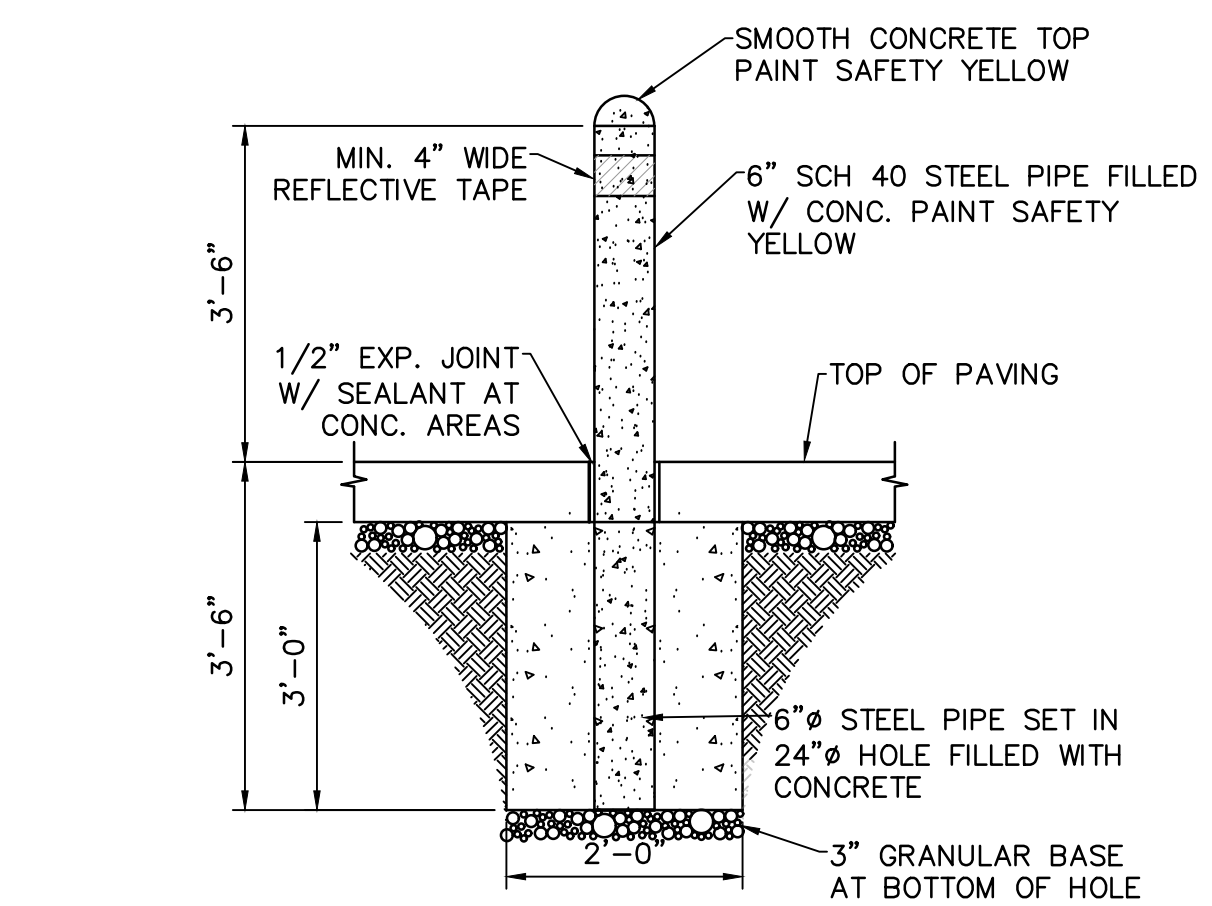


2 STORM DRAIN MANHOLE
SCALE: N.T.S.

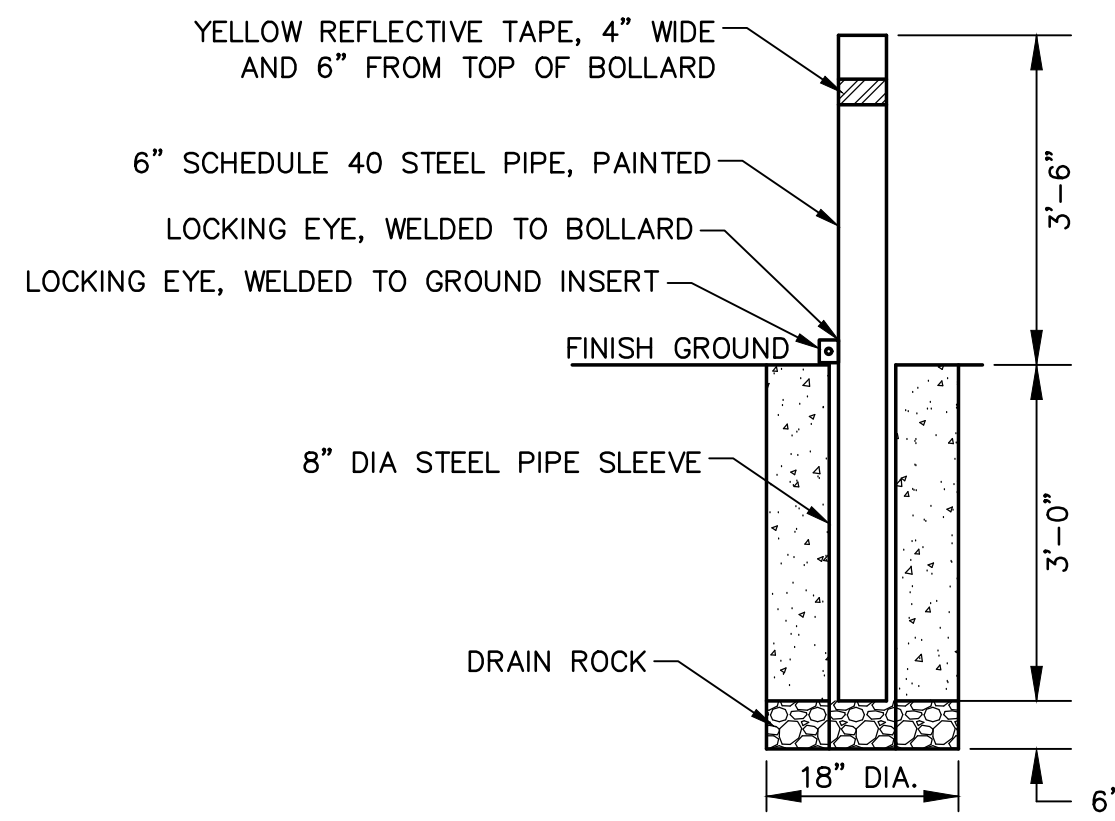


- NOTES:
1. CASING SPACERS SHALL BE MANUFACTURED GALVANIZED OR STAINLESS STEEL, SIZED FOR THE TYPE OF PIPE & CASING SIZE PER THE MANUFACTURERS RECOMMENDATION.
 2. CASING TO BE SIZED TO PROVIDE MINIMUM 2" CLEARANCE.
 3. PIPE JOINTS WITHIN CASING TO BE RESTRAINED JOINT.
 4. FOR PIPES 12" & SMALLER, 2 SPACERS PER JOINT OF 13" SEWER, 4 SPACERS PER JOINT OF 18" OR 20" WATER.

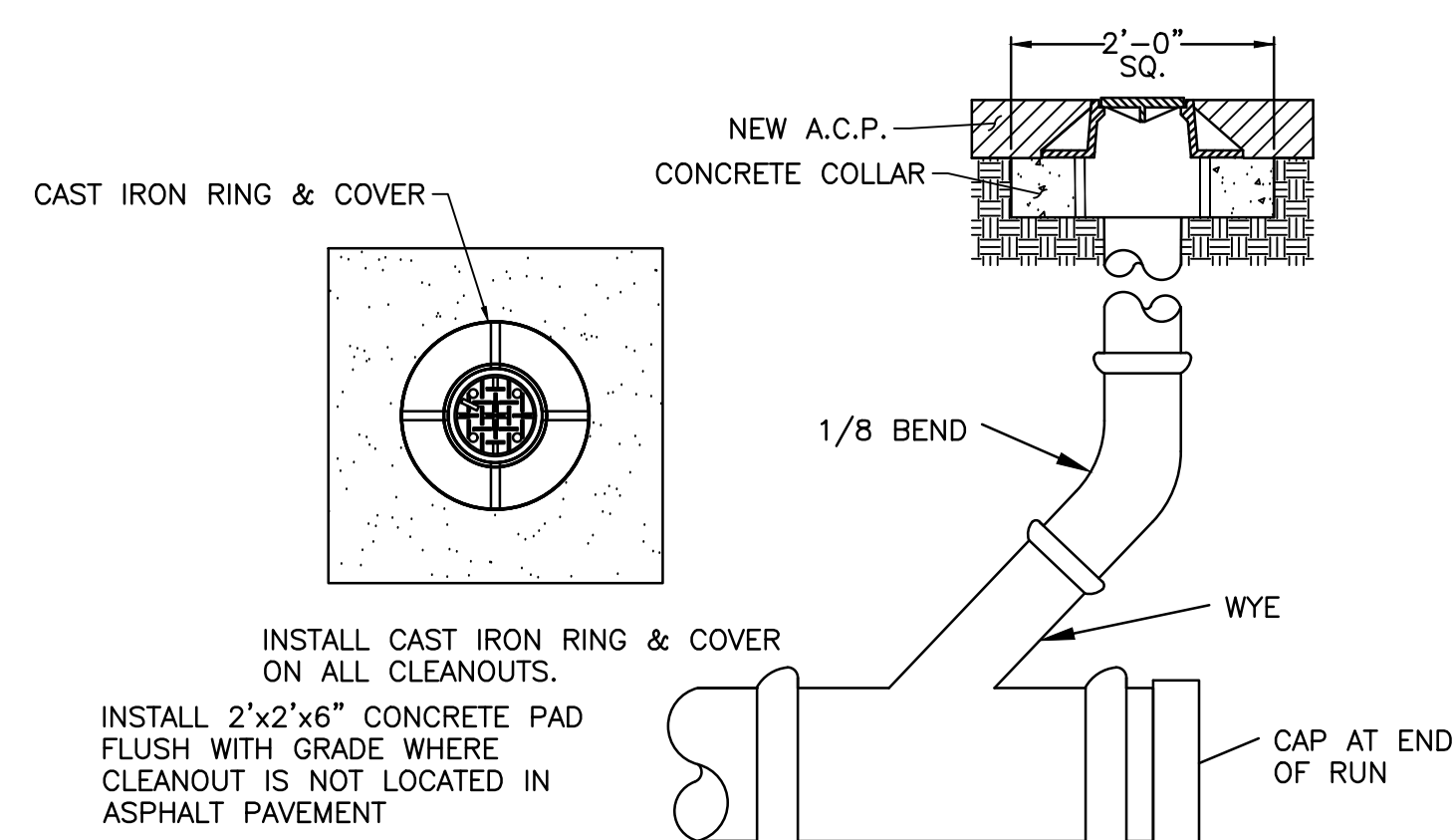
8 PIPE ENCASEMENT
SCALE: N.T.S.



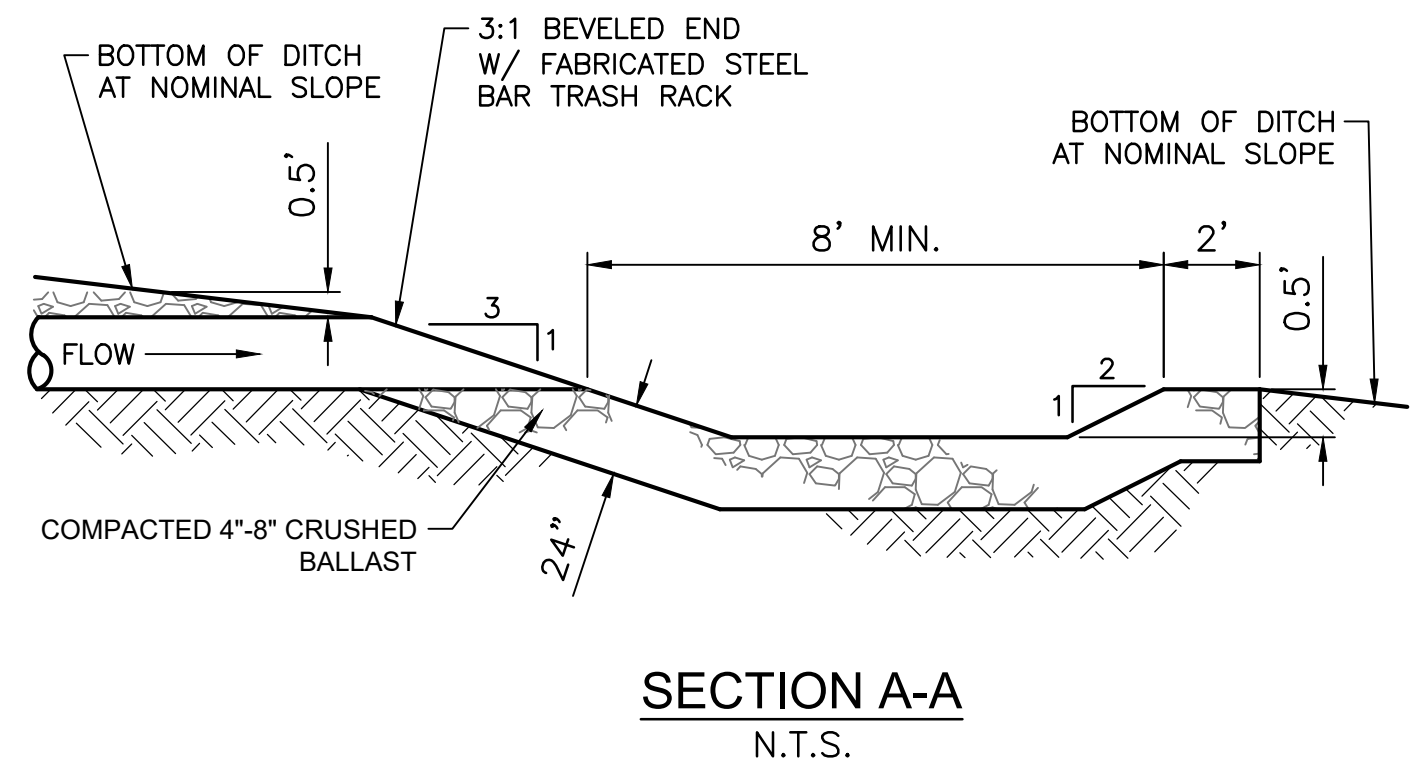
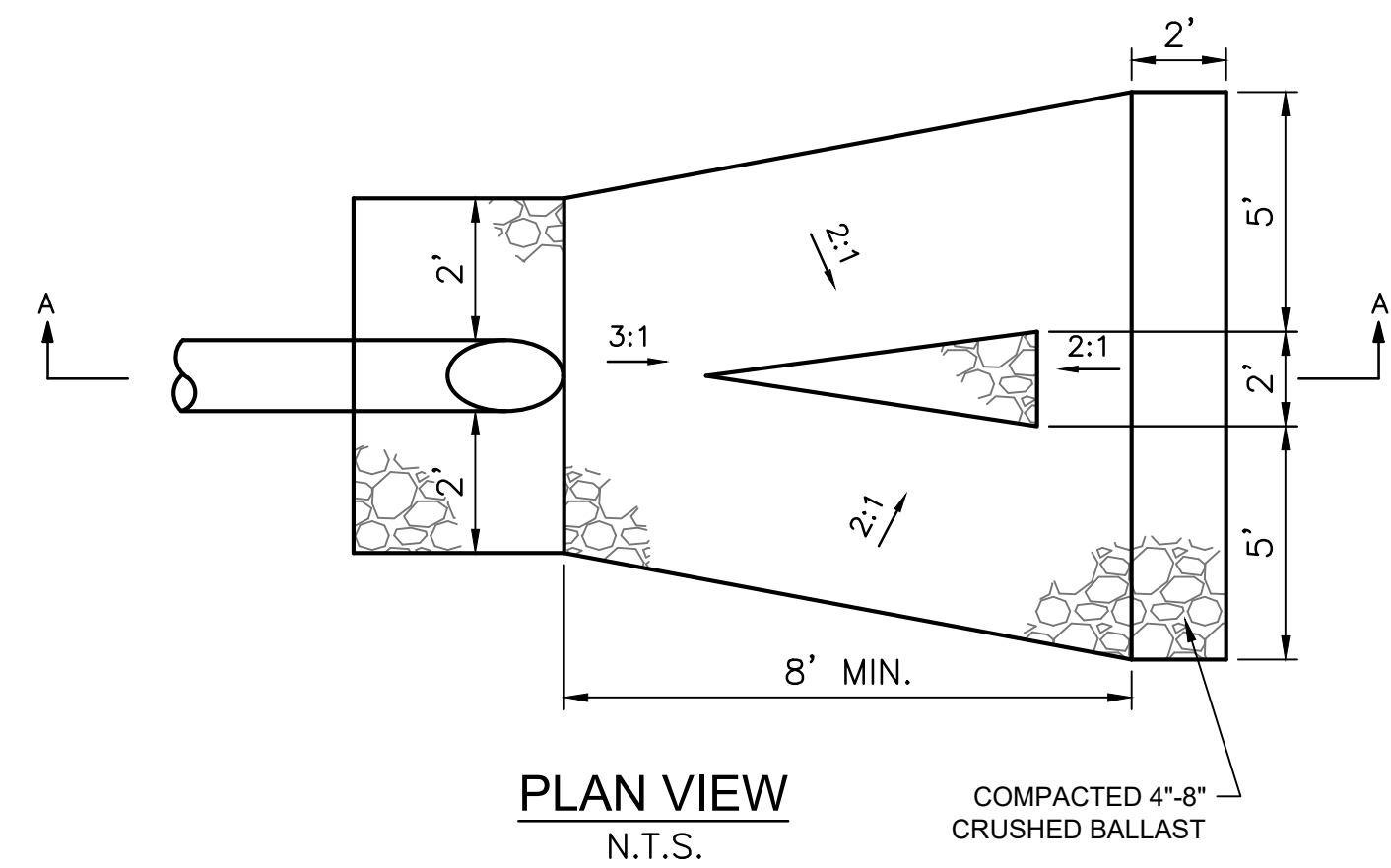
4 BOLLARD
SCALE: N.T.S.



6 REMOVABLE BOLLARD DETAIL
SCALE: N.T.S.



5 CLEANOUT ASSEMBLY
SCALE: N.T.S.

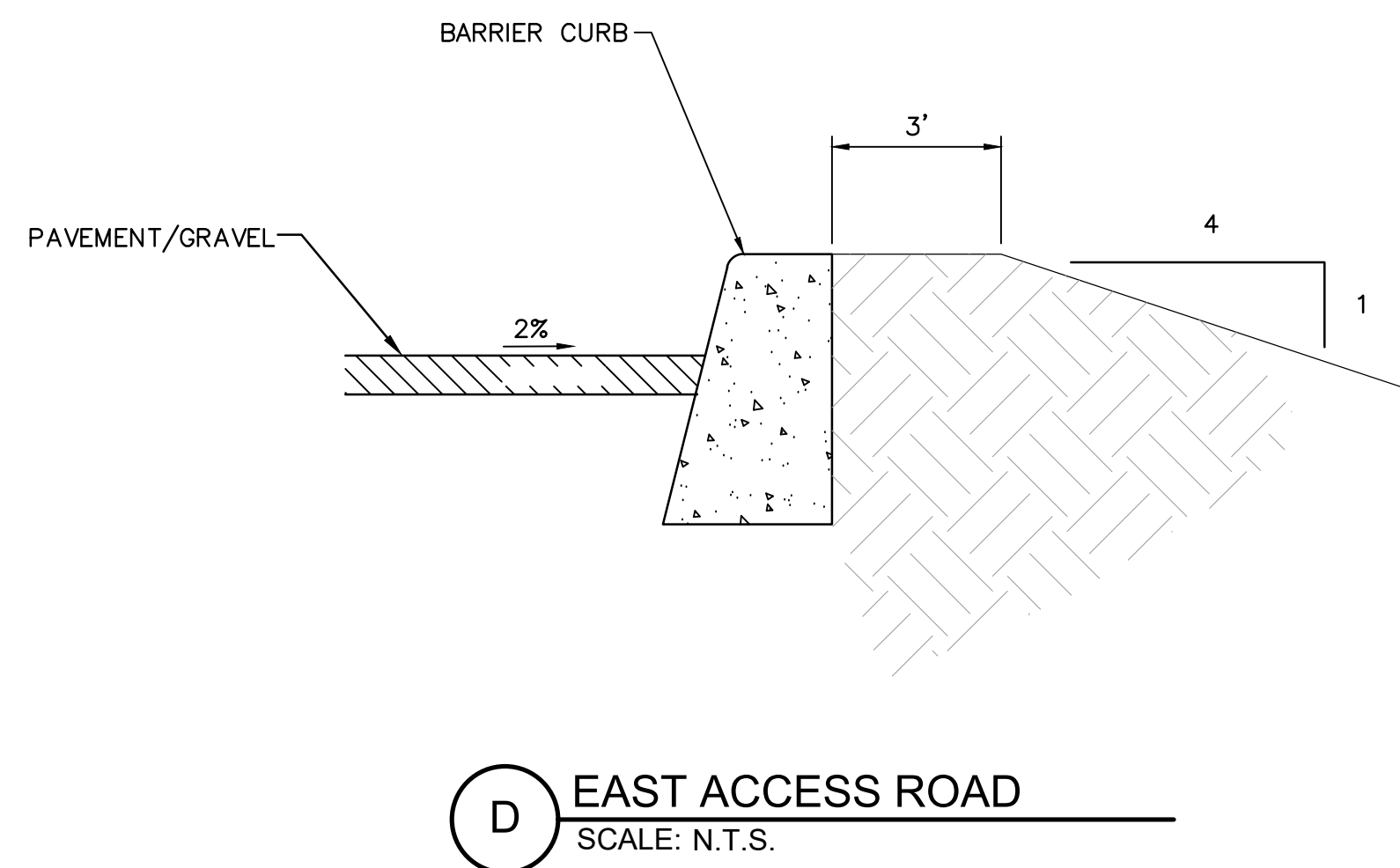
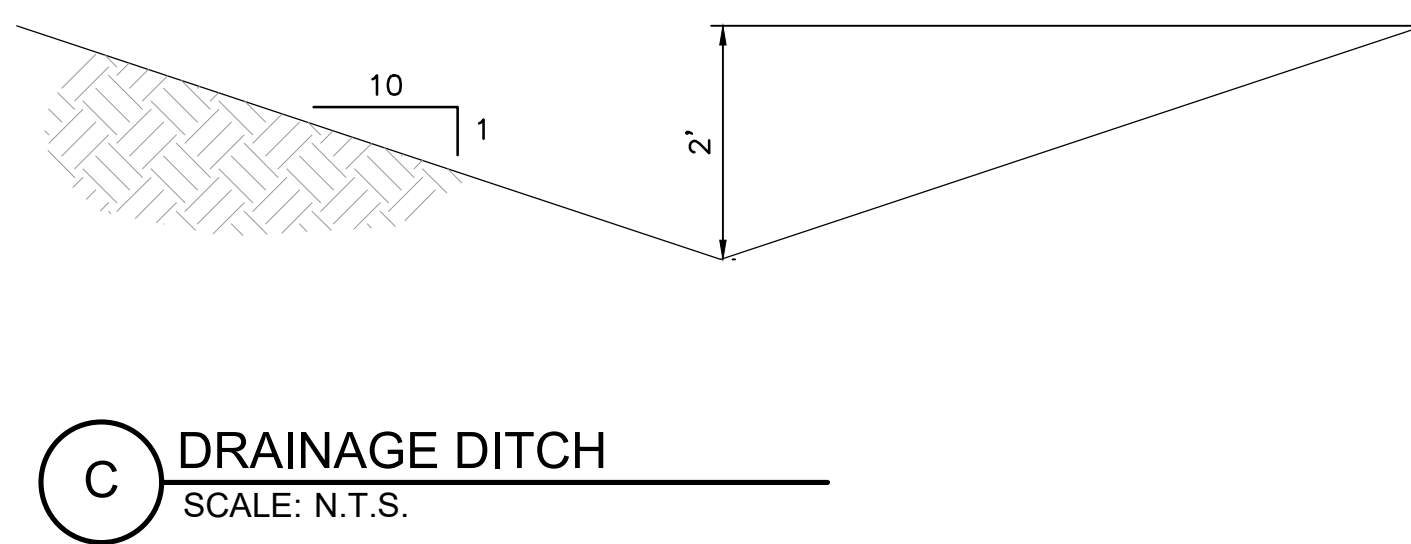
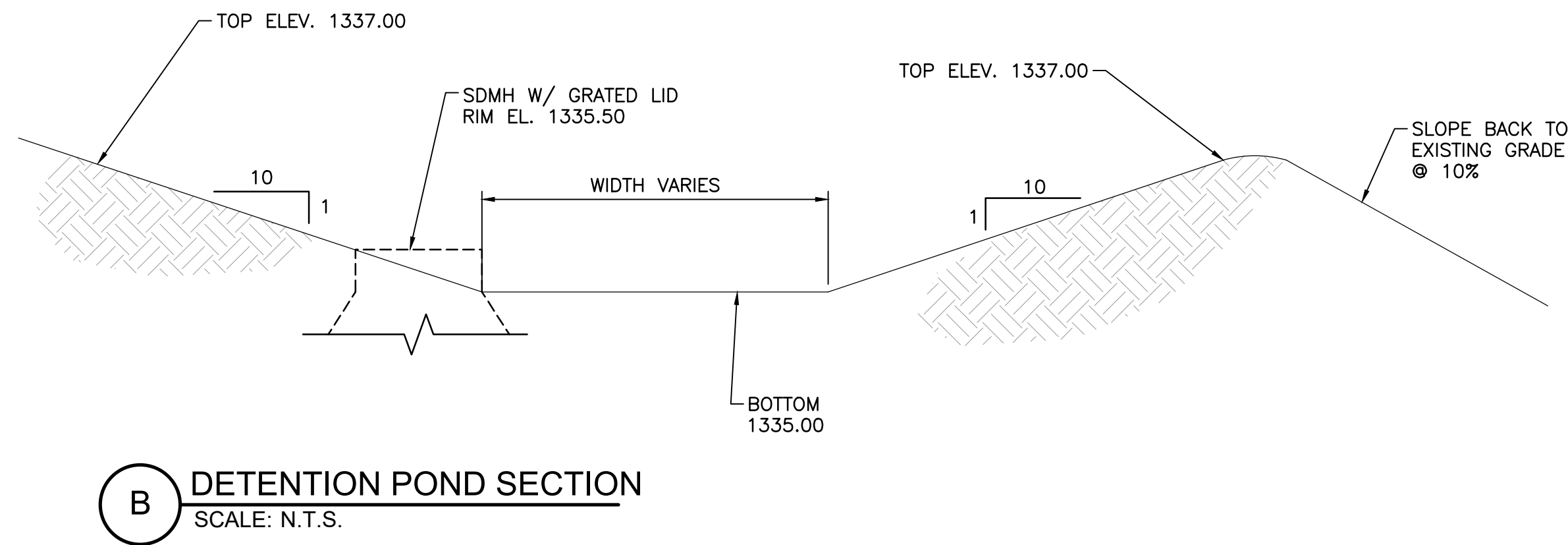
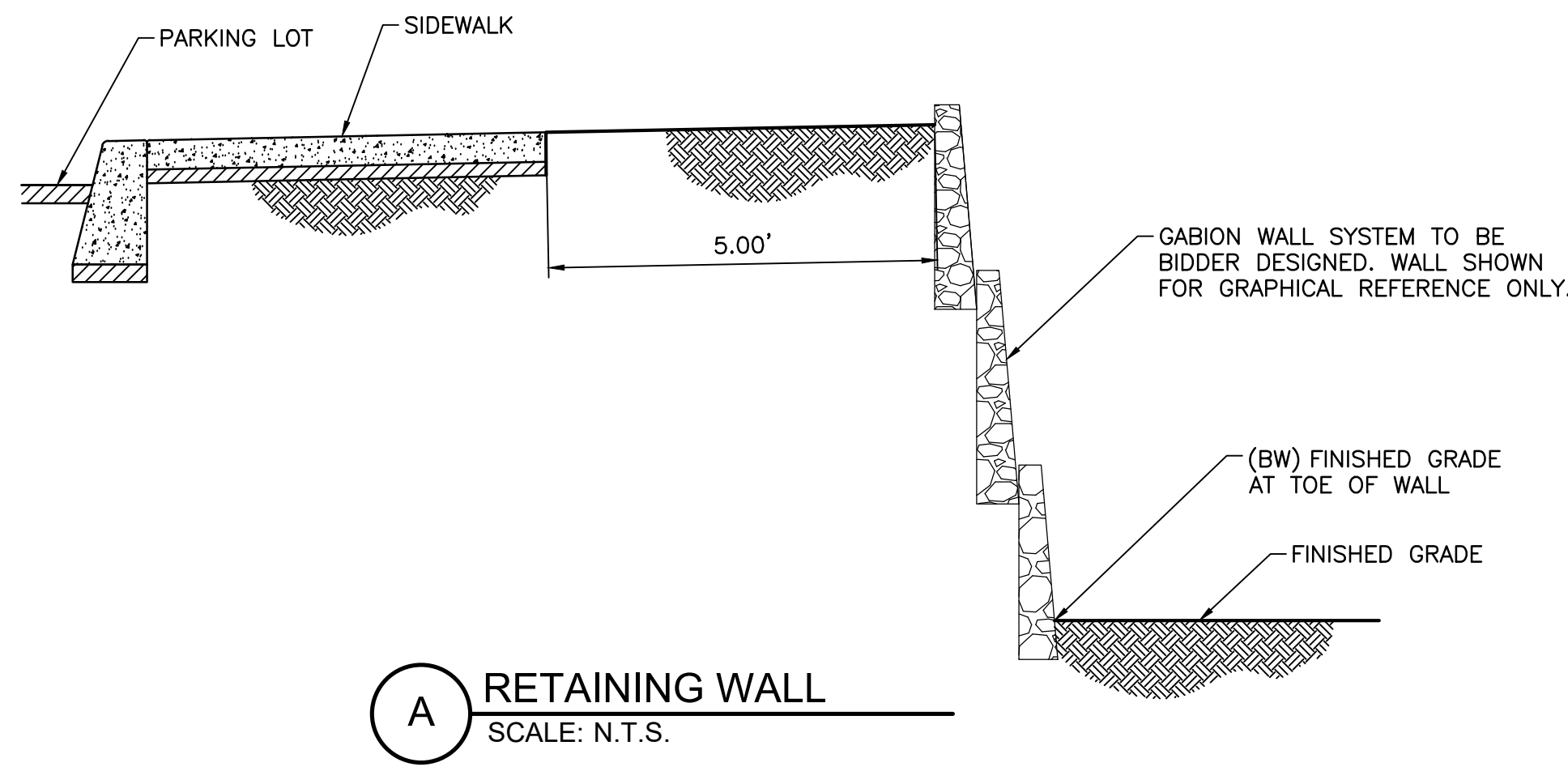


7 OUTFALL PROTECTION PAD DETAIL
SCALE: N.T.S.

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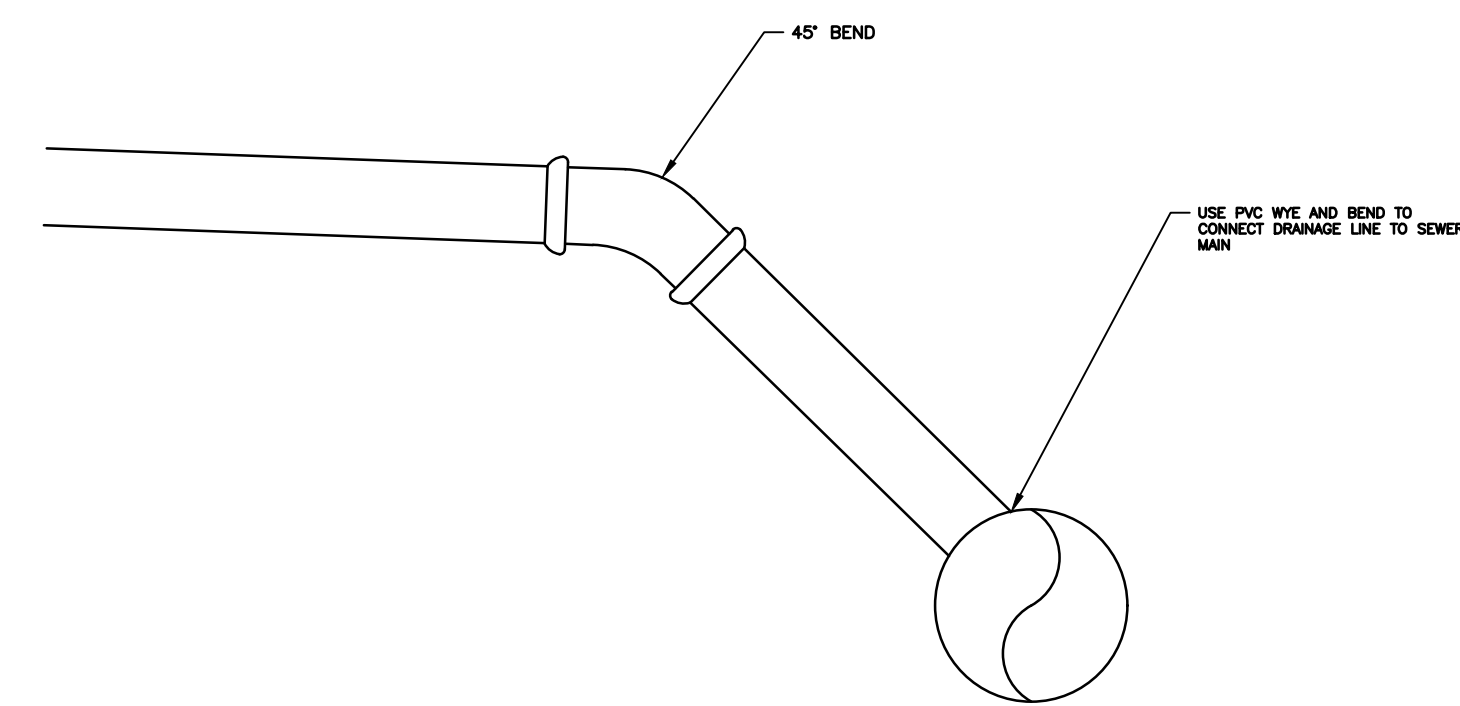
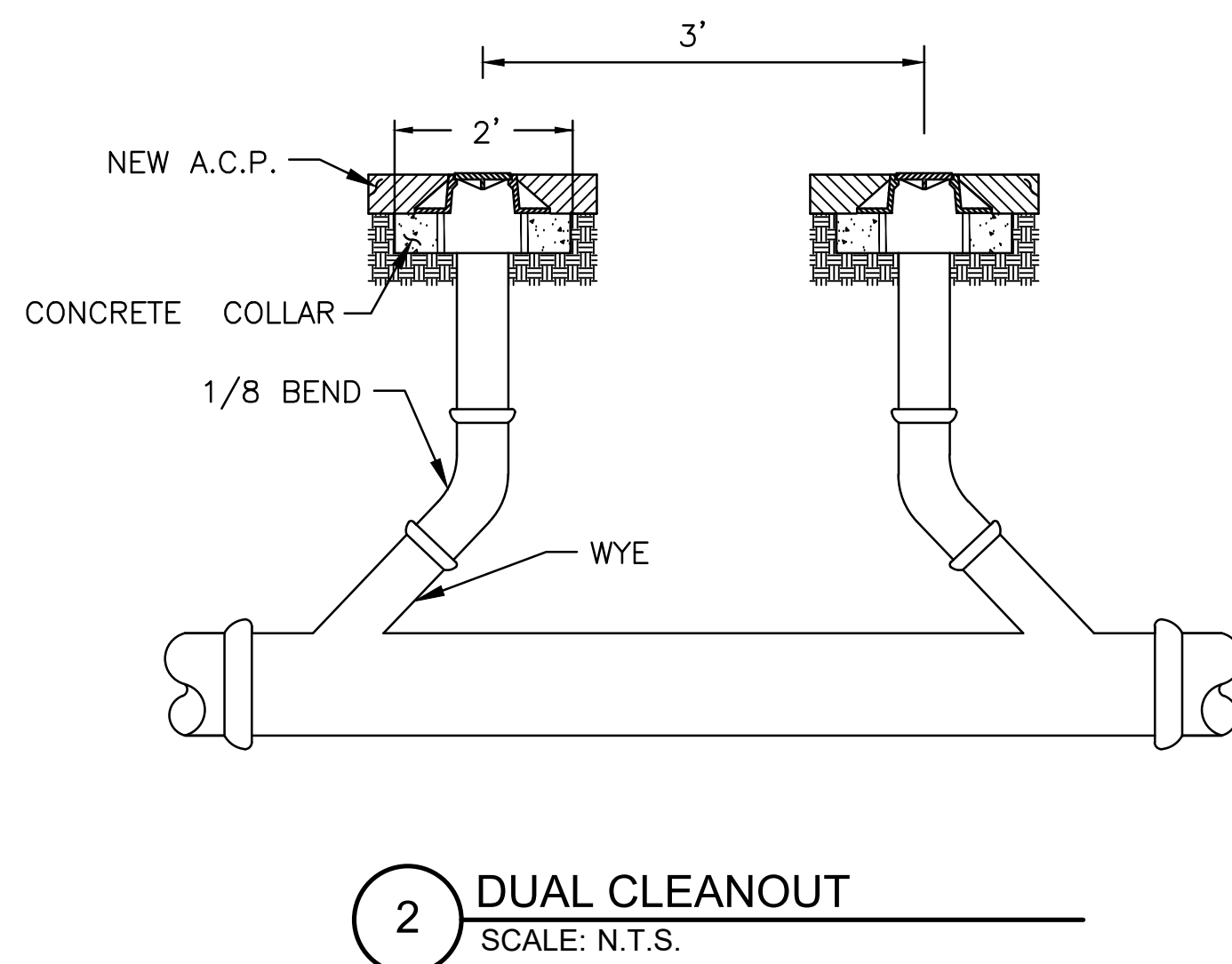
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NOT USED

1 ABT TRENCHFORMER TFX
SCALE: N.T.S.



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