

**Lewiston High School
Independent School District No. 1**
LEWISTON, IDAHO

DATE: 3/26/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW
AGENCY REVIEW

DRAWING NO.:
C0.1
EXISTING CONDITIONS PLAN

WATER/SEWER/SITE UTILITY NOTES

- THE END OF ALL UTILITIES SHALL BE CAPPED AND MARKED AT THE SURFACE WITH THE DEPTH, SIZE AND TYPE OF UTILITY NOTED.
- 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.
- 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 ISPWG STANDARDS.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL PRESSURE TEST THE NEW WATER MAIN IN ACCORDANCE WITH AWWA C600. DISINFECTION SHALL BE BY THE CITY OF LEWISTON.
- 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.
- ALL SEWER SERVICE LATERALS SHOWN ARE ASSUMED TO HAVE A 2 PERCENT SLOPE TOWARDS THE SEWER MAIN.
- 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.
- THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH AND CONTACT ALL OF THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND CONTACT THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
- 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.
- ALL PAVEMENT CUTS TO CONNECT UTILITIES SHALL BE REPAIRED IN CONFORMANCE WITH THE CITY OF LEWISTON STANDARD SPECIFICATIONS.
- IMPORTED STRUCTURAL FILL SHALL CONSIST OF A GRAVEL OR WELL GRADED, 2-INCH MINUS, PIT RUN SAND AND GRAVEL WITH LESS THAN 5% FINES.
- 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

- ALL SIDE SLOPES SHOWN ON THESE PLANS SHALL BE 4:1 (MAXIMUM) UNLESS NOTED OTHERWISE.
- ALL SPOT ELEVATIONS SHOWN ON THE PLAN ARE TO TOP OF ASPHALT UNLESS OTHERWISE NOTED.
- 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.
- 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.
- THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES, PUBLIC AND PRIVATE, AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL CONTROL DUST IN ACCORDANCE WITH REGULATIONS OF LOCAL AIR POLLUTION CONTROL AUTHORITY.
- STORM DRAIN PIPE SIZES ARE BASED ON PVC, OR HDPE, (SMOOTH INTERIOR) PIPE TYPE. OTHER PIPE MATERIAL MAY REQUIRE A SIZE MODIFICATION.
- ALL STORM DRAINAGE PIPE SHALL BE ASTM D-3034 SDR35 PVC PIPE, CORRUGATED HDPE SMOOTH WALL INTERIOR PIPE OR APPROVED EQUAL UNLESS OTHERWISE NOTED.
- 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.
- ALL FILL SHALL BE TESTED AND APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
- ALL FILL MATERIAL SHALL BE PLACED IN LIFTS AND COMPACTED AS RECOMMENDED BY A GEOTECHNICAL ENGINEER. LIFTS NOT TO EXCEED 8" UNLESS OTHERWISE NOTED.
- ALL SIDEWALKS SHALL NOT EXCEED 2.0% CROSS SLOPE.
- 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.
- 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
- ADHERE TO THE SWPPP PLAN AT ALL TIMES DURING MASS GRADING AND CONSTRUCTION RELATED ACTIVITIES.
- ALL EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL HAVE A CURRENT CITY OF LEWISTON BUSINESS LICENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CONSTRUCTION DEFICIENCIES FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE.
- THE CONTRACTOR SHALL BE REQUIRED TO CALL 811 PRIOR TO COMMENCING ANY EXCAVATION ACTIVITIES TO DETERMINE FIELD LOCATIONS OF ALL UNDERGROUND UTILITIES.
- ANY CHANGES OR MODIFICATIONS TO THE PROJECT PLANS SHALL FIRST BE APPROVED BY THE ENGINEER OF RECORD AND CITY ENGINEER OR HIS REPRESENTATIVE.
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OFF-SITE CLEANUP OF ANY DISCHARGE OF CONSTRUCTION RELATED STORMWATER AND SILT LADEN MATERIAL.
- ALL HANDICAP PARKING STALLS SHALL HAVE MAX 2% CROSS SLOPE.
- PONDING OR "BIRDBATHS" EXCEEDING ONE-QUARTER INCH IN DEPTH SHALL NOT BE ACCEPTABLE AND SHALL BE CORRECTED BY THE CONTRACTOR.
- 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.
- PEDESTRIAN RAMPS, ACCESS ROUTES AND EGRESS ROUTES SHALL BE INSTALLED PER THE CITY AND CURRENT ADA REQUIREMENTS.
- THE PROJECT AREA HAS BEEN, OR IS IN THE PROCESS OF BEING, EXCAVATED AND GRADED IN ACCORDANCE WITH THE INITIAL SITE GRADING PACKAGE, BID IN JANUARY, 2018. THE CONTRACTOR SHALL ASSUME GRADES WILL BE LEFT IN ACCORDANCE WITH THOSE PLANS.

LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
POWER / COMMUNICATIONS		
OVERHEAD POWER	—UP—	—OHP—
UNDERGROUND POWER	—UP—	—UP—
UNDERGROUND TELEPHONE	—UT—	—UT—
FIBER OPTIC	—F/O—	—F/O—
CABLE TELEVISION	—CTV—	—CTV—
STORM DRAIN		
STORM DRAIN (GENERAL)	—SD—	—SD—
STORM DRAIN	—LD—	—LD—
ROOF DRAIN	—RD—	—RD—
SANITARY SEWER		
SANITARY SEWER (GENERAL)	—SS—	—SS—
SANITARY SEWER SERVICE	—X'SAN—	—SS—
WATER		
WATER (GENERAL)	—W—	—W—
WATER (SPECIFIED SIZE)	—X"W—	—W—
BOUNDARY		
PROPERTY LINE	—	—P/L—
RIGHT OF WAY	—R/W—	—R/W—
TEMPORARY EASEMENT	—T/E—	—T/E—
PERMANENT EASEMENT	—P/E—	—P/E—
ROADWAY		
ROAD SHOULDER	—	—
ROAD CENTERLINE	—	—
ROAD ASPHALT	—	—EP—
ROAD GRAVEL	—EG—	—EG—
TOP BACK OF CURB	—	—
LIP OF GUTTER	—	—

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
GAS		
NATURAL GAS	—G—	—G—
SITE		
BARBED WIRE FENCE	—X—	—X—
CHAIN LINK FENCE	—○—	—○—
MAJOR CONTOUR	—2521—	—
MINOR CONTOUR	—	—
CUT LIMITS	—	—
FILL LIMITS	—	—
DITCH	—	—
STORM SWALE	—	—

GENERAL NOTES

- ALL CONSTRUCTION WORK SHALL CONFORM TO THE CITY OF LEWISTON STANDARDS AND SPECIFICATIONS AND THE 2017 VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWG), 2017 EDITION. IN THE CASE OF CONFLICT, THE PROJECT PLANS AND TECHNICAL SPECIFICATIONS WILL PREVAIL OVER CITY STANDARDS WHICH WILL PREVAIL OVER ISPWG. THE CONTRACTOR SHALL HAVE ON SITE COPIES OF THE CITY OF LEWISTON STANDARD DRAWINGS AND THE ISPWG.
- CONTRACTOR SHALL PROVIDE ALL MEANS, METHODS, LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF LEWISTON PUBLIC WORKS AND THE ENGINEER PRIOR TO THE START OF WORK.
- CONTRACTORS SHALL NOTIFY THE APPROPRIATE AGENCY WHEN MATERIALS ARE DELIVERED ON SITE OR INSPECTION OF THE WORK IS REQUIRED.
- 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).
- 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.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND OBTAINING CONSTRUCTION WATER.
- 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.
- ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS SHALL BE APPROVED BY THE ENGINEER AND THE CITY OF LEWISTON IF APPLICABLE.
- 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.
- CONTRACTOR IS REQUIRED TO OBTAIN NECESSARY CITY OF LEWISTON 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.
- 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.
- STAGING AREA IS ROUGHLY SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE, CLEANUP AND RESTORATION OF THE STAGING AREA UPON COMPLETION.
- THE CONTRACTOR SHALL PROVIDE COMPETENT ON-SITE SUPERVISION DURING CONSTRUCTION ACTIVITIES BY THEIR FORCES, INCLUDING SUBCONTRACTORS.
- 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.
- THE CONTRACTOR SHALL COMPLY WITH THE FINDINGS AND RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING EVALUATION PREPARED BY GPI DATED OCTOBER 31, 2017.
- 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.
- ALL SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD.

STORM DRAIN NOTES

- ALL STORM DRAIN PIPES, MANHOLES, CATCH BASINS AND STRUCTURES SHALL MEET THE TECHNICAL SPECIFICATIONS AND CITY OF LEWISTON STANDARDS.
- ALL STORM DRAIN PIPES SHALL BE TESTED IN ACCORDANCE WITH SECTION 600.
- CONTRACTOR SHALL MAINTAIN AND PRESERVE CONSTRUCTION SITE DRAINAGE. DAMAGE CAUSED BY WEATHER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. CLEANUP AND REPAIR WILL BE AT THE CONTRACTOR'S EXPENSE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THE WORK IN A MANNER THAT WILL PROTECT THE PROPERTY AND ADJACENT PROPERTY FROM FLOODING AND SEDIMENT TRANSPORT DURING STORM EVENTS. THE OWNER WILL NOT PAY FOR ADDITIONAL COSTS ASSOCIATED WITH THE DAMAGE TO THE PROJECT SITE OR PRIVATE PROPERTY RESULTING FROM STORMWATER RUNOFF.
- CATCH BASINS AND MANHOLES SHALL HAVE THE PIPES COMPLETED GROUTED ON THE INTERIOR AND EXTERIOR PRIOR TO ACTIVE USE FOR STORMWATER CONVEYANCE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY STORMWATER DETENTIONS PONDS AS NEEDED TO ACCOMMODATE THE PROJECT GRADING PHASING. TEMPORARY AND PERMANENT PONDS SHALL HAVE SEDIMENT REMOVED AS NECESSARY AFTER STORM EVENTS.
- MANHOLE LIDS SHALL BE ROTATED ON THE UNDERLYING STRUCTURE SO THEY ARE OUT OF THE WHEEL PATHS, IF APPLICABLE.

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
SURVEY		
CONTROL POINT	○	
SITE		
SIGN	—	—
TEST HOLE	—	—
UTILITIES		
MANHOLE (GENERIC)	○	●
VAULT	—	—
COMMUNICATION		
TELE. PEDASTAL	—	—
GUY WIRE	—	—
DOMESTIC WATER		
FIRE HYDRANT	—	—
WATER METER	—	—
WATER VALVE	—	—
ELECTRIC		
ELEC. METER	—	—
ELEC. TRANS.	—	—
JUNCTION BOX	—	—
POWER POLE	—	—
STREET LIGHT	—	—
IRRIGATION		
IRRIGATION VALVE	—	—
NATURAL GAS		
GAS METER	—	—
GAS VALVE	—	—
SANITARY SEWER		
CLEANOUT	—	—
SS MANHOLE	—	—
STORM DRAIN		
CATCH BASIN	—	—
SD MANHOLE	—	—
ROAD MARKINGS		
TURN ARROW	—	—
HANDICAP SYMBOL	—	—



J-U-B ENGINEERS, INC.

ABBREVIATIONS

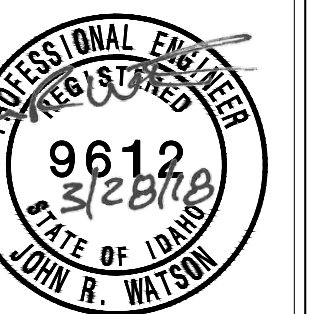
ASSY	ASSEMBLY
BLDG	BUILDING
BM	BENCH MARK
BSW	BACK OF SIDEWALK
C/L	CENTER LINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DEG OR °	DEGREE
DET	DETAIL
DIA OR Ø	DIAMETER
DIP	DUCTILE IRON PIPE
DIST	DISTRIBUTION
DWG	DRAWING
EA	EACH
ELB	ELBOW
ELEV	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

ABBREVIATIONS



LKV PROJECT # 1510

REVISIONS:



DESIGNATOR	SHEET TYPE
CO.1	EXISTING CONDITIONS PLAN
CO.2	GENERAL NOTES & LEGEND
C1.0	OVERALL SITE PLAN
C1.1 – C1.4	SITE LAYOUT
C1.5	ISLAND DETAILS
C2.0	OVERALL SITE GRADING PLAN
C2.1 – C2.5	SITE GRADING PLAN
C3.0	OVERALL SITE UTILITY PLAN
C3.1 – C3.6	SITE UTILITY PLAN
C3.7 – C3.8	FOOTING & ROOF DRAIN PLAN
C5.1	ACCESS ROAD PROFILES
C5.2 – C5.3	WATER MAIN PROFILES
C5.4 – C5.5	SANITARY SEWER PROFILES
C5.6 – C5.7	STORM LATERAL PROFILES
C6.1 – C6.2	STRIPING AND SIGNING PLAN
C8.1 – C8.2	EROSION AND SEDIMENT CONTROL PLAN
C9.1 – C9.4	TYPICAL SECTIONS & DETAILS

NOTICE AND DISCLAIMER

THE PLANS AND/OR SPECIFICATIONS (DOCUMENTS) ARE THE PROPERTY OF J-U-B ENGINEERS, INC. ("J-U-B") AND BY USING THE DOCUMENTS YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS IN THIS NOTICE AND DISCLAIMER.

THE USE OF THE DOCUMENTS CREATES NO DUTY IN CONTRACT, TORT, EQUITABLE OR OTHERWISE OF J-U-B TO THE USER. THE USER SHALL NOT (I) DISSEMINATE THE DOCUMENTS, OR ANY PART THEREOF, TO OTHERS WITHOUT THE WRITTEN CONSENT OF J-U-B, OR (II) USE THE DOCUMENTS, OR ANY PART THEREOF, FOR ANY USE OTHER THAN AS DESIGNATED HEREIN FOR THE INTENDED PROJECT. THE DOCUMENTS ARE NOT INTENDED FOR USE IN CREATING DTM FOR GRADING OR EARTHWORK, SURVEY STAKING LAYOUT (UNLESS SPECIFICALLY IDENTIFIED AS SUCH IN THE DOCUMENTS), OR PROPERTY BOUNDARY LAYOUTS.

J-U-B AND ITS AGENTS SHALL NOT BE LIABLE FOR ANY DAMAGES OR CLAIMS ARISING OUT OF THE UNAUTHORIZED USE OR MISUSE OF THE DOCUMENTS, OR ANY PART THEREOF, WHETHER SUCH DAMAGE OR CLAIM IS BASED IN CONTRACT, TORT OR OTHERWISE. THE USER HEREBY RELEASES AND SHALL DEFEND, INDEMNIFY AND HOLD J-U-B AND ITS AGENTS HARMLESS FROM ANY DAMAGES OR CLAIMS ARISING OUT OF, OR RELATED IN ANY WAY TO, THE USER'S UNAUTHORIZED USE OR MISUSE OF THE DOCUMENTS, OR ANY PART THEREOF.

IF THE DOCUMENTS ARE PROVIDED IN ELECTRONIC FORMAT, THE ELECTRONIC DATA SOURCES OF THE DOCUMENTS ARE PROVIDED WITH NO WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY REPRESENTATION OR WARRANTIES OF ACCURACY, QUALITY, COMPLETENESS, COMPATIBILITY WITH SYSTEMS, DRAWINGS NOT PRINTING TO SCALE, TRANSLATION ERRORS, AND OTHER PROBLEMS WITH USE.

Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/28/2018
LKV PROJECT # 1510
REVISIONS:

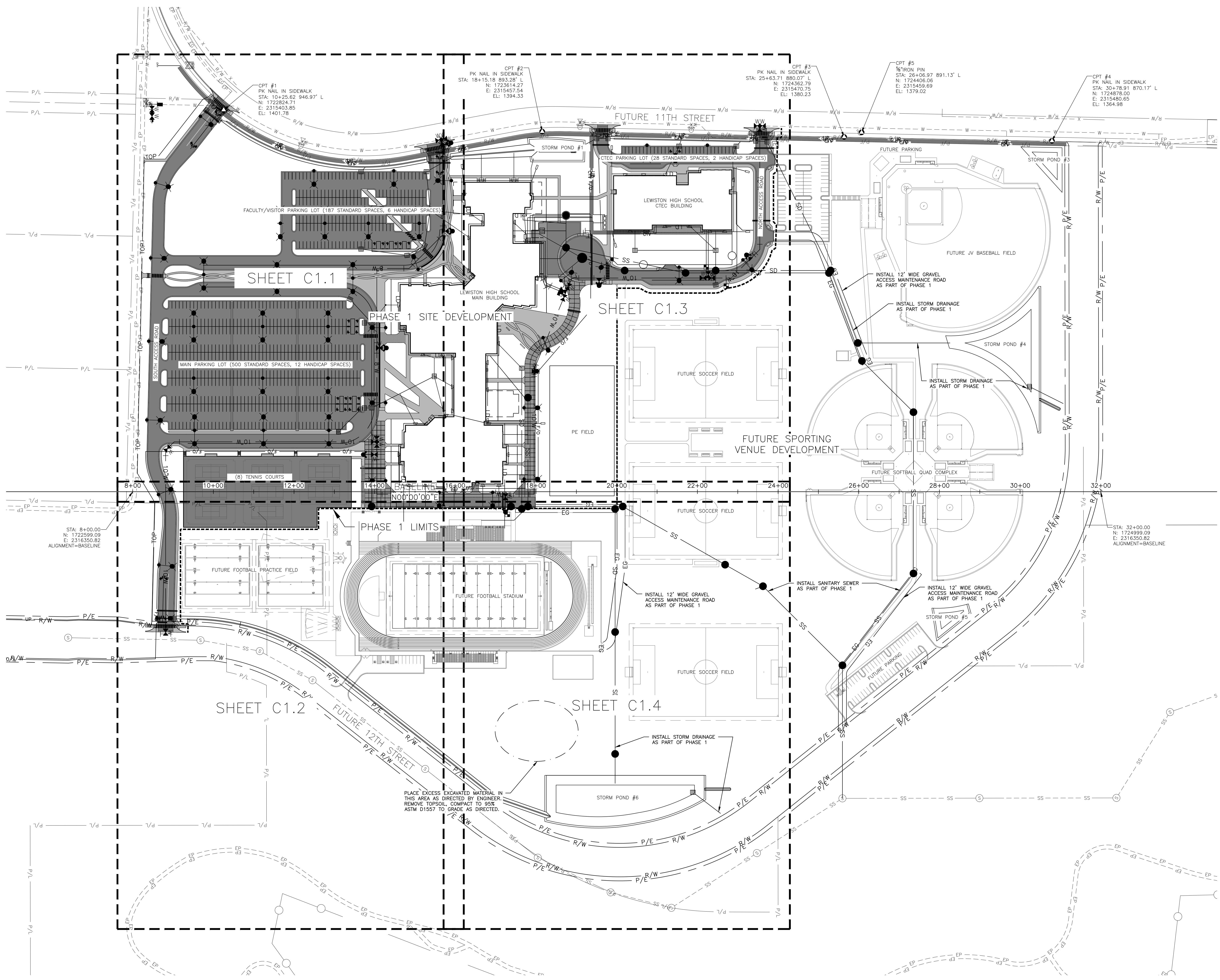
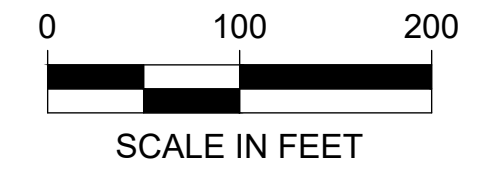
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:

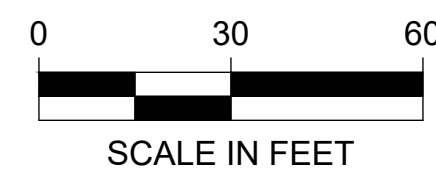
C0.2

GENERAL NOTES & LEGEND



PHASE 1 PARKING SPACES:
STANDARD PARKING SPACES TOTAL = 715
HANDICAP PARKING SPACES TOTAL = 20

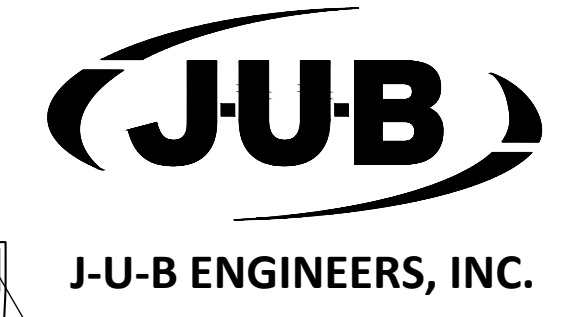
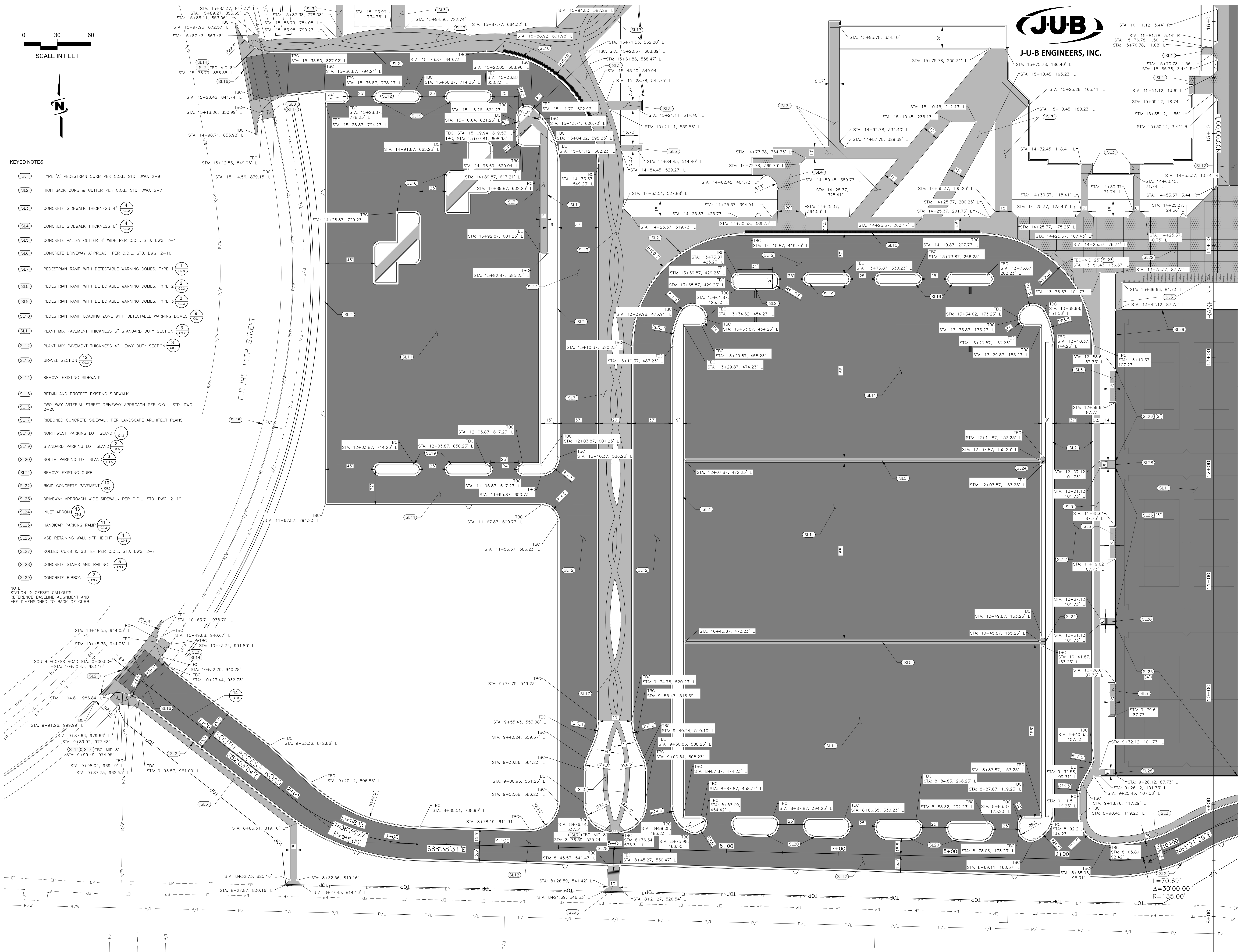
PLACE EXCESS EXCAVATED MATERIAL IN THIS AREA AS DIRECTED BY ENGINEER. REMOVE TOPSOIL, COMPACT TO 95% ASTM D1557 TO GRADE AS DIRECTED.



KEYED NOTES

- SL1 TYPE 'A' PEDESTRIAN CURB PER C.O.L. STD. DWG. 2-9
- SL2 HIGH BACK CURB & GUTTER PER C.O.L. STD. DWG. 2-7
- SL3 CONCRETE SIDEWALK THICKNESS 4" (1/4)
- SL4 CONCRETE SIDEWALK THICKNESS 6" (3/4)
- SL5 CONCRETE VALLEY GUTTER 4' WIDE PER C.O.L. STD. DWG. 2-4
- SL6 CONCRETE DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-16
- SL7 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 1 (1/3)
- SL8 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 2 (2/3)
- SL9 PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 3 (3/3)
- SL10 PEDESTRIAN RAMP LOADING ZONE WITH DETECTABLE WARNING DOMES (9/3)
- SL11 PLANT MIX PAVEMENT THICKNESS 3" STANDARD DUTY SECTION (3/3)
- SL12 PLANT MIX PAVEMENT THICKNESS 4" HEAVY DUTY SECTION (3/3)
- SL13 GRAVEL SECTION (12/3)
- SL14 REMOVE EXISTING SIDEWALK
- SL15 RETAIN AND PROTECT EXISTING SIDEWALK
- SL16 TWO-WAY ARTERIAL STREET DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-20
- SL17 RIBBONED CONCRETE SIDEWALK PER LANDSCAPE ARCHITECT PLANS
- SL18 NORTHWEST PARKING LOT ISLAND (1/1)
- SL19 STANDARD PARKING LOT ISLAND (2/1)
- SL20 SOUTH PARKING LOT ISLAND (3/1)
- SL21 REMOVE EXISTING CURB
- SL22 RIGID CONCRETE PAVEMENT (10/3)
- SL23 DRIVEWAY APPROACH WIDE SIDEWALK PER C.O.L. STD. DWG. 2-19
- SL24 INLET APRON (13/3)
- SL25 HANDICAP PARKING RAMP (11/3)
- SL26 MSE RETAINING WALL, 8 FT HEIGHT (1/3)
- SL27 ROLLED CURB & GUTTER PER C.O.L. STD. DWG. 2-7
- SL28 CONCRETE STAIRS AND RAILING (5/3)
- SL29 CONCRETE RIBBON (2/3)

NOTE:
STATION & OFFSET CALLOUTS
REFERENCE BASELINE ALIGNMENT AND
ARE DIMENSIONED TO BACK OF CURB.



LKV ARCHITECTS
2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443

PGU architecture

PROFESSIONAL ENGINEER
9818
STATE OF IDAHO
JOHN R. WATSON

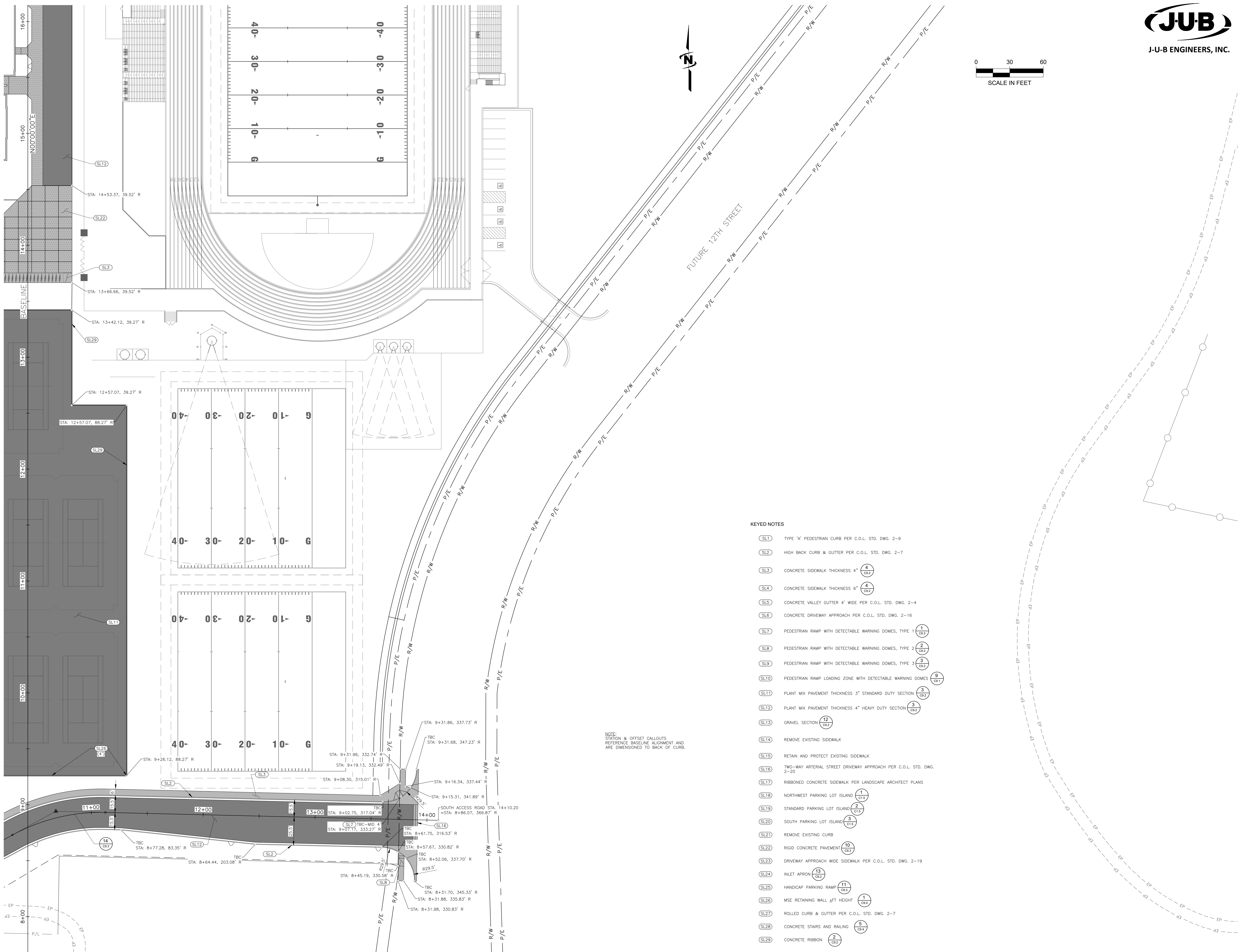
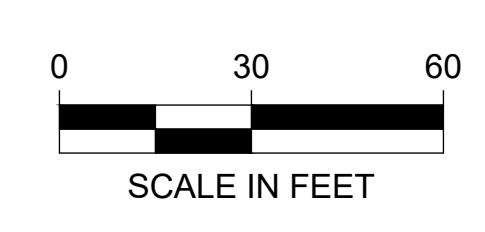
**Lewiston High School
Independent School District No. 1**
LEWISTON, IDAHO

DATE: 2/5/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: JWR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C1.1
SITE LAYOUT



KEYED NOTES

- (SL1) TYPE 'A' PEDESTRIAN CURB PER C.O.L. STD. DWG. 2-9
- (SL2) HIGH BACK CURB & GUTTER PER C.O.L. STD. DWG. 2-7
- (SL3) CONCRETE SIDEWALK THICKNESS 4" $\frac{4}{CB2}$
- (SL4) CONCRETE SIDEWALK THICKNESS 6" $\frac{4}{CB2}$
- (SL5) CONCRETE VALLEY GUTTER 4" WIDE PER C.O.L. STD. DWG. 2-4
- (SL6) CONCRETE DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-16
- (SL7) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 1 $\frac{1}{CB3}$
- (SL8) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 2 $\frac{2}{CB3}$
- (SL9) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 3 $\frac{3}{CB3}$
- (SL10) PEDESTRIAN RAMP LOADING ZONE WITH DETECTABLE WARNING DOMES $\frac{9}{CB1}$
- (SL11) PLANT MIX PAVEMENT THICKNESS 3" STANDARD DUTY SECTION $\frac{3}{CB2}$
- (SL12) PLANT MIX PAVEMENT THICKNESS 4" HEAVY DUTY SECTION $\frac{3}{CB2}$
- (SL13) GRAVEL SECTION $\frac{12}{CB2}$
- (SL14) REMOVE EXISTING SIDEWALK
- (SL15) RETAIN AND PROTECT EXISTING SIDEWALK
- (SL16) TWO-WAY ARTERIAL STREET DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-20
- (SL17) RIBBONED CONCRETE SIDEWALK PER LANDSCAPE ARCHITECT PLANS
- (SL18) NORTHWEST PARKING LOT ISLAND $\frac{1}{CB15}$
- (SL19) STANDARD PARKING LOT ISLAND $\frac{2}{CB15}$
- (SL20) SOUTH PARKING LOT ISLAND $\frac{3}{CB15}$
- (SL21) REMOVE EXISTING CURB
- (SL22) RIGID CONCRETE PAVEMENT $\frac{10}{CB3}$
- (SL23) DRIVEWAY APPROACH WIDE SIDEWALK PER C.O.L. STD. DWG. 2-19
- (SL24) INLET APRON $\frac{13}{CB2}$
- (SL25) HANDICAP PARKING RAMP $\frac{11}{CB3}$
- (SL26) MSE RETAINING WALL XFT HEIGHT $\frac{1}{CB4}$
- (SL27) ROLLED CURB & GUTTER PER C.O.L. STD. DWG. 2-7
- (SL28) CONCRETE STAIRS AND RAILING $\frac{5}{CB1}$
- (SL29) CONCRETE RIBBON $\frac{2}{CB2}$

NOTE:
STATION & OFFSET CALLOUTS
REFERENCE BASELINE ALIGNMENT AND
ARE DIMENSIONED TO BACK OF CURB.

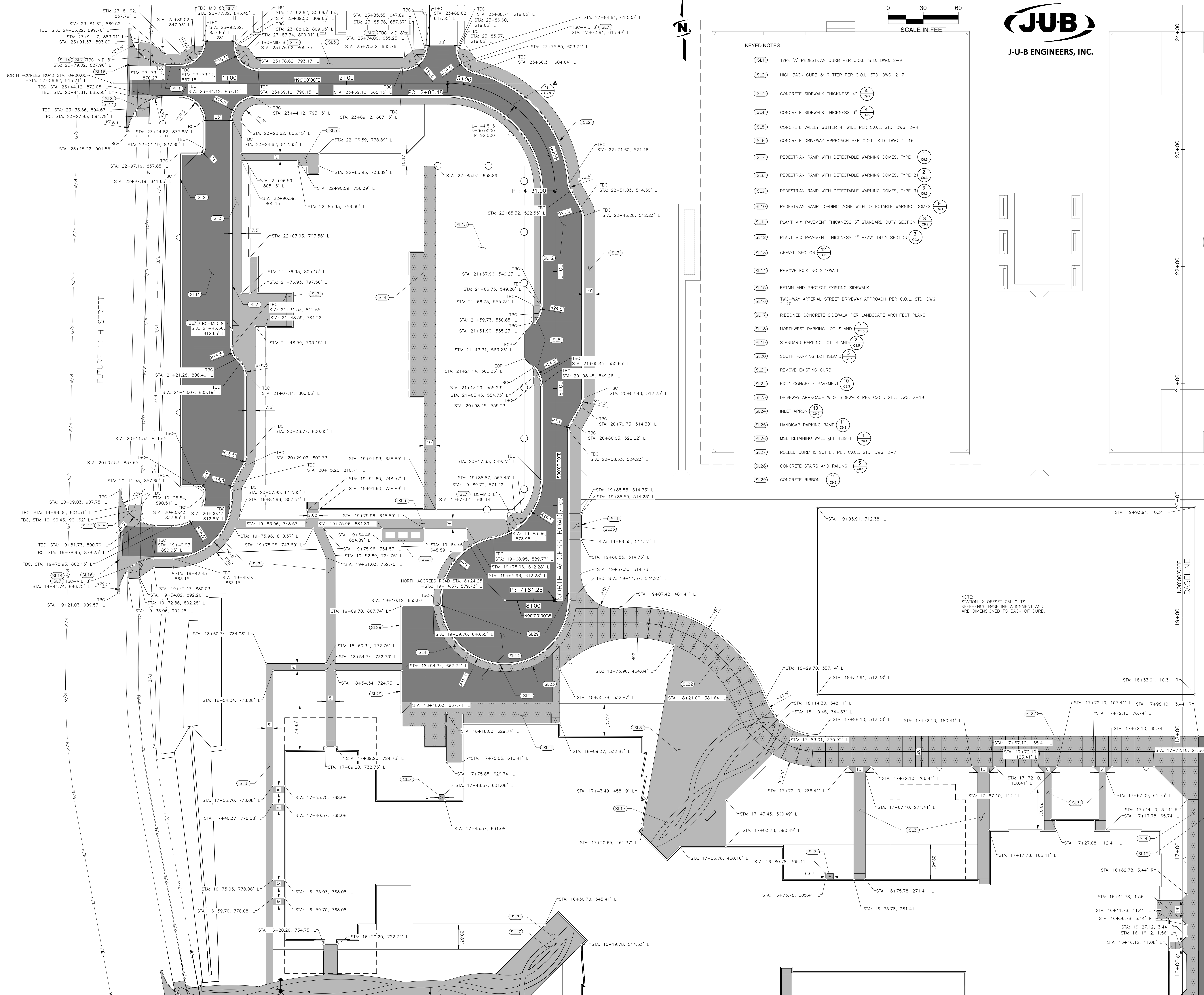
**Lewiston High School
Independent School District No. 1**
LEWISTON, IDAHO

DATE: 2/5/2018
LKV PROJECT #: 1510
REVISIONS:

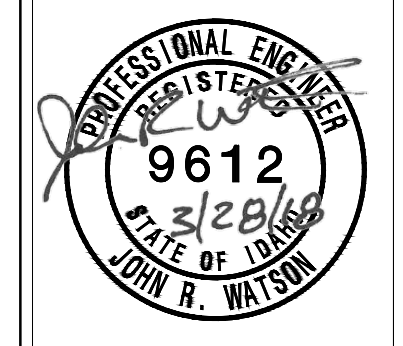
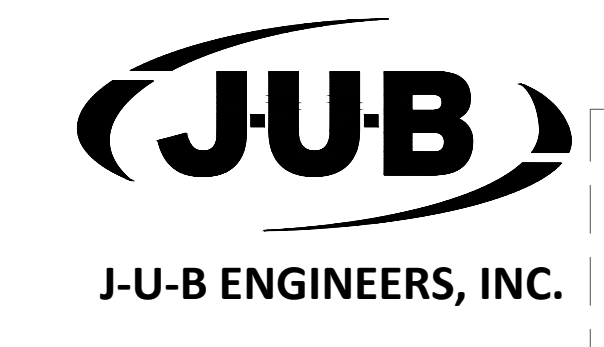
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C1.2
SITE LAYOUT



- KEYED NOTES**
- (SL1) TYPE 'A' PEDESTRIAN CURB PER C.O.L. STD. DWG. 2-9
 - (SL2) HIGH BACK CURB & GUTTER PER C.O.L. STD. DWG. 2-7
 - (SL3) CONCRETE SIDEWALK THICKNESS 4" (4 CR)
 - (SL4) CONCRETE SIDEWALK THICKNESS 6" (4 CR)
 - (SL5) CONCRETE VALLEY GUTTER 4" WIDE PER C.O.L. STD. DWG. 2-4
 - (SL6) CONCRETE DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-16
 - (SL7) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 1 (1 CR)
 - (SL8) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 2 (2 CR)
 - (SL9) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 3 (3 CR)
 - (SL10) PEDESTRIAN RAMP LOADING ZONE WITH DETECTABLE WARNING DOMES (9 CR)
 - (SL11) PLANT MIX PAVEMENT THICKNESS 3" STANDARD DUTY SECTION (3 CR)
 - (SL12) PLANT MIX PAVEMENT THICKNESS 4" HEAVY DUTY SECTION (3 CR)
 - (SL13) GRAVEL SECTION (12 CR)
 - (SL14) REMOVE EXISTING SIDEWALK
 - (SL15) RETAIN AND PROTECT EXISTING SIDEWALK
 - (SL16) TWO-WAY ARTERIAL STREET DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-20
 - (SL17) RIBBONED CONCRETE SIDEWALK PER LANDSCAPE ARCHITECT PLANS
 - (SL18) NORTHWEST PARKING LOT ISLAND (1 CR)
 - (SL19) STANDARD PARKING LOT ISLAND (2 CR)
 - (SL20) SOUTH PARKING LOT ISLAND (3 CR)
 - (SL21) REMOVE EXISTING CURB
 - (SL22) RIGID CONCRETE PAVEMENT (10 CR)
 - (SL23) DRIVEWAY APPROACH WIDE SIDEWALK PER C.O.L. STD. DWG. 2-19
 - (SL24) INLET APRON (13 CR)
 - (SL25) HANDICAP PARKING RAMP (11 CR)
 - (SL26) MSE RETAINING WALL 6 FT HEIGHT (1 CR)
 - (SL27) ROLLED CURB & GUTTER PER C.O.L. STD. DWG. 2-7
 - (SL28) CONCRETE STAIRS AND RAILING (5 CR)
 - (SL29) CONCRETE RIBBON (2 CR)



2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443

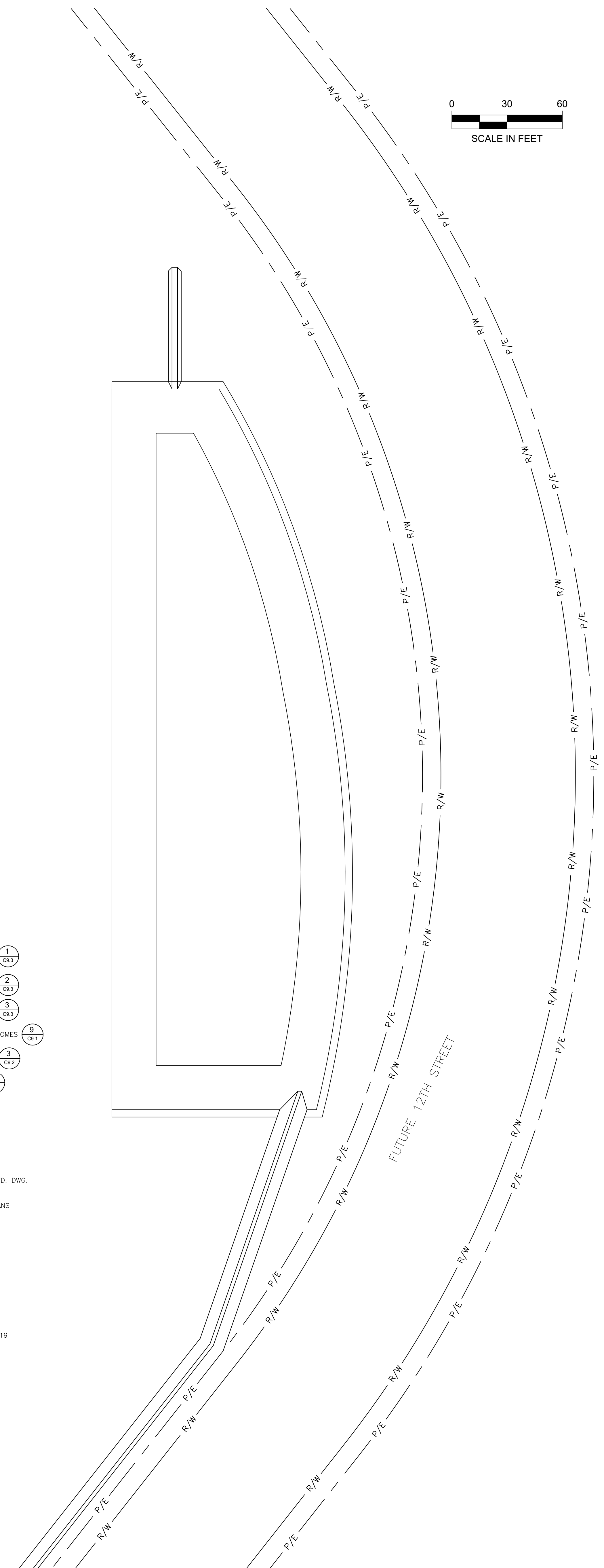
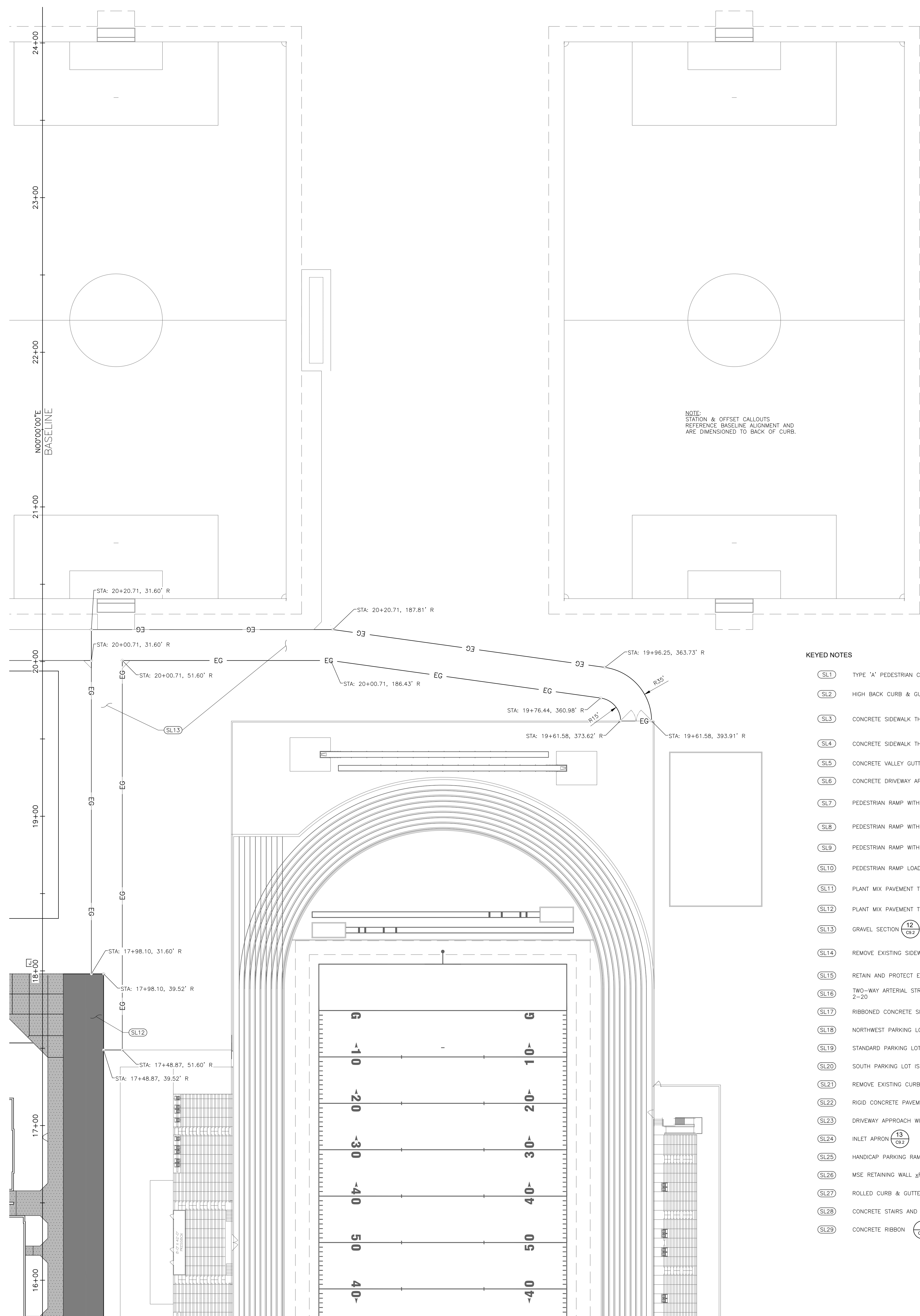
**Lewisston High School
Independent School District No. 1**
LEWISTON, IDAHO

DATE: 2/5/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C1.3
SITE LAYOUT



KEYED NOTES

- (SL1) TYPE 'A' PEDESTRIAN CURB PER C.O.L. STD. DWG. 2-9
- (SL2) HIGH BACK CURB & GUTTER PER C.O.L. STD. DWG. 2-7
- (SL3) CONCRETE SIDEWALK THICKNESS 4" (4/CR.2)
- (SL4) CONCRETE SIDEWALK THICKNESS 6" (4/CR.2)
- (SL5) CONCRETE VALLEY GUTTER 4' WIDE PER C.O.L. STD. DWG. 2-4
- (SL6) CONCRETE DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-16
- (SL7) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 1 (1/CR.3)
- (SL8) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 2 (2/CR.3)
- (SL9) PEDESTRIAN RAMP WITH DETECTABLE WARNING DOMES, TYPE 3 (3/CR.3)
- (SL10) PEDESTRIAN RAMP LOADING ZONE WITH DETECTABLE WARNING DOMES (9/CR.1)
- (SL11) PLANT MIX PAVEMENT THICKNESS 3" STANDARD DUTY SECTION (3/CR.2)
- (SL12) PLANT MIX PAVEMENT THICKNESS 4" HEAVY DUTY SECTION (3/CR.2)
- (SL13) GRAVEL SECTION (12/CR.2)
- (SL14) REMOVE EXISTING SIDEWALK
- (SL15) RETAIN AND PROTECT EXISTING SIDEWALK
- (SL16) TWO-WAY ARTERIAL STREET DRIVEWAY APPROACH PER C.O.L. STD. DWG. 2-20
- (SL17) RIBBONED CONCRETE SIDEWALK PER LANDSCAPE ARCHITECT PLANS
- (SL18) NORTHWEST PARKING LOT ISLAND (1/CR.1)
- (SL19) STANDARD PARKING LOT ISLAND (2/CR.1)
- (SL20) SOUTH PARKING LOT ISLAND (3/CR.1)
- (SL21) REMOVE EXISTING CURB
- (SL22) RIGID CONCRETE PAVEMENT (10/CR.3)
- (SL23) DRIVEWAY APPROACH WIDE SIDEWALK PER C.O.L. STD. DWG. 2-19
- (SL24) INLET APRON (13/CR.2)
- (SL25) HANDICAP PARKING RAMP (11/CR.3)
- (SL26) MSE RETAINING WALL 8FT HEIGHT (1/CR.1)
- (SL27) ROLLED CURB & GUTTER PER C.O.L. STD. DWG. 2-7
- (SL28) CONCRETE STAIRS AND RAILING (5/CR.4)
- (SL29) CONCRETE RIBBON (2/CR.2)

Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 2/5/2018
LKV PROJECT #: 1510
REVISIONS:

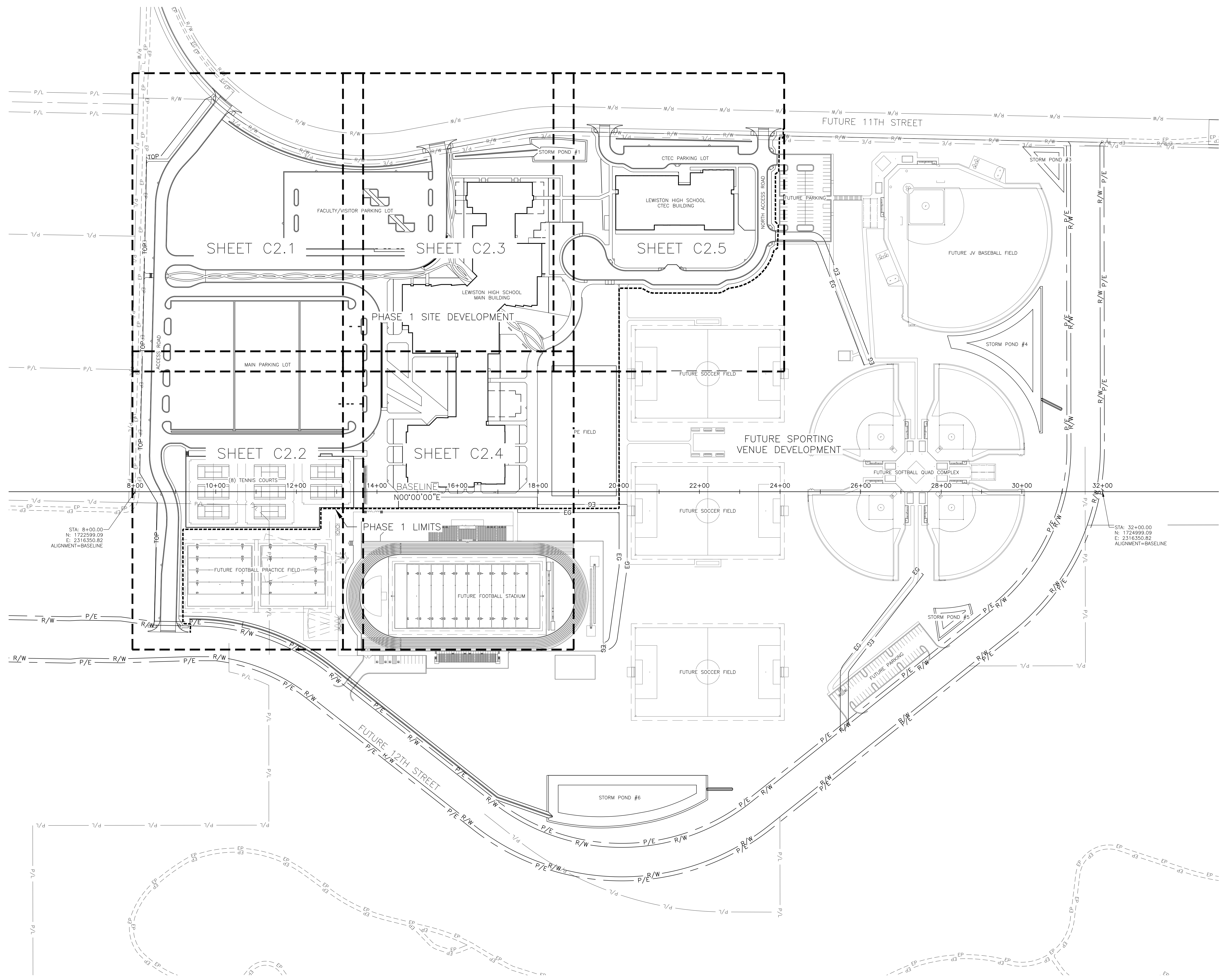
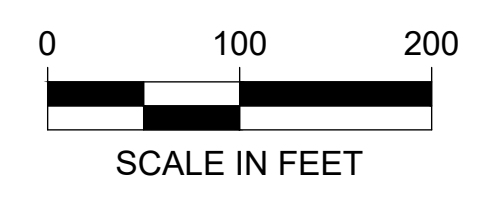
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:

C1.4

SITE LAYOUT



STA: 8+00.00
 N: 1722599.09
 E: 2316350.82
 ALIGNMENT=BASELINE

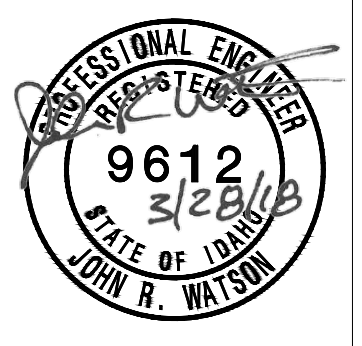
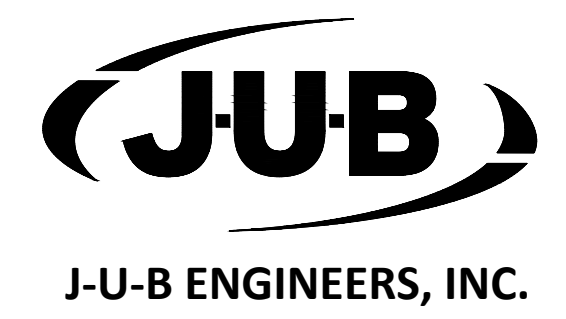
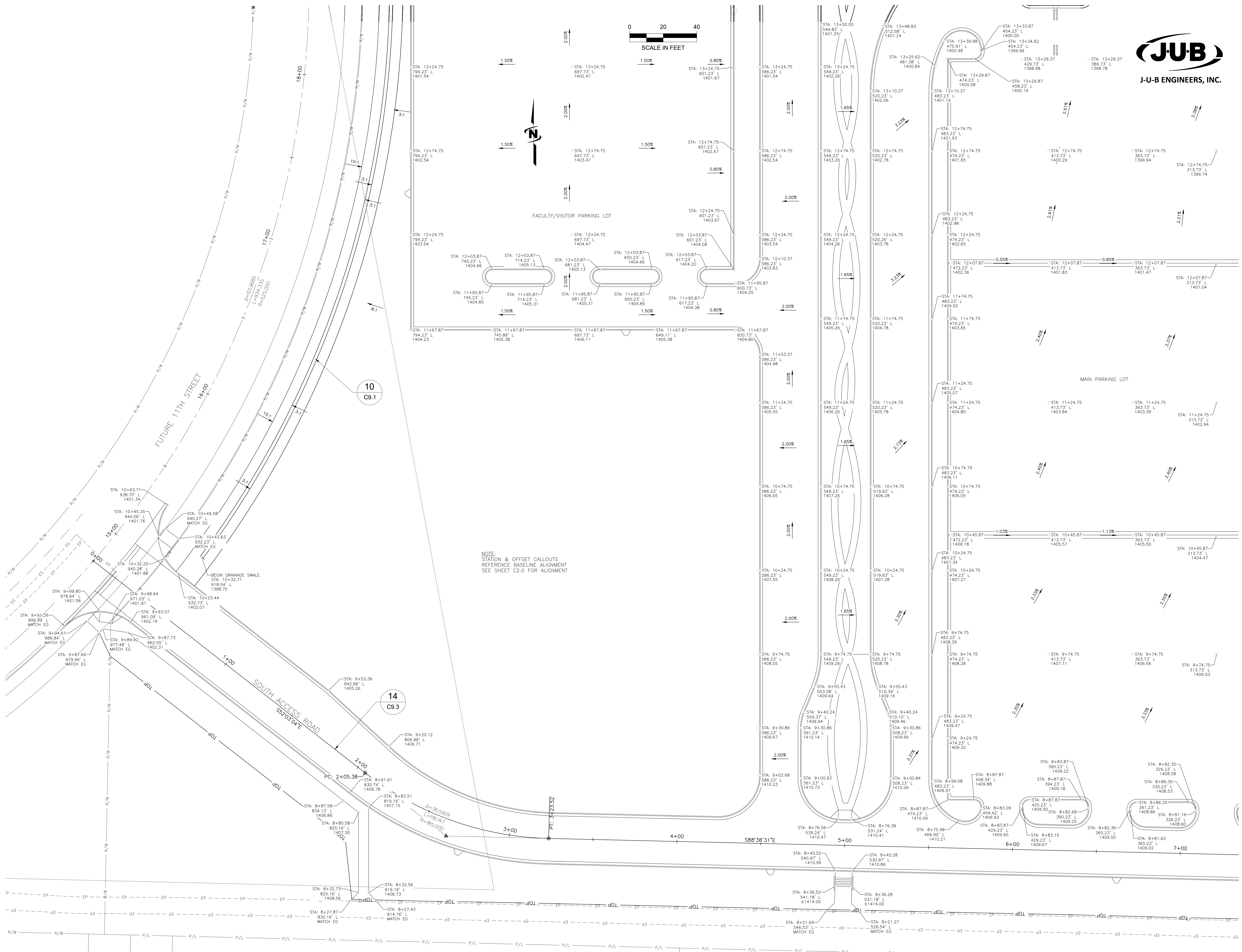
STA: 32+00.00
 N: 1724999.09
 E: 2316350.82
 ALIGNMENT=BASELINE

Lewiston High School
 Independent School District No. 1
 LEWISTON, IDAHO

DATE: 3/27/2018
 LKV PROJECT #: 1510
 REVISIONS:

DRAWN BY: WDR
 CHECKED BY: JRW
 AGENCY REVIEW

DRAWING NO.:
C2.0
 OVERALL SITE GRADING PLAN

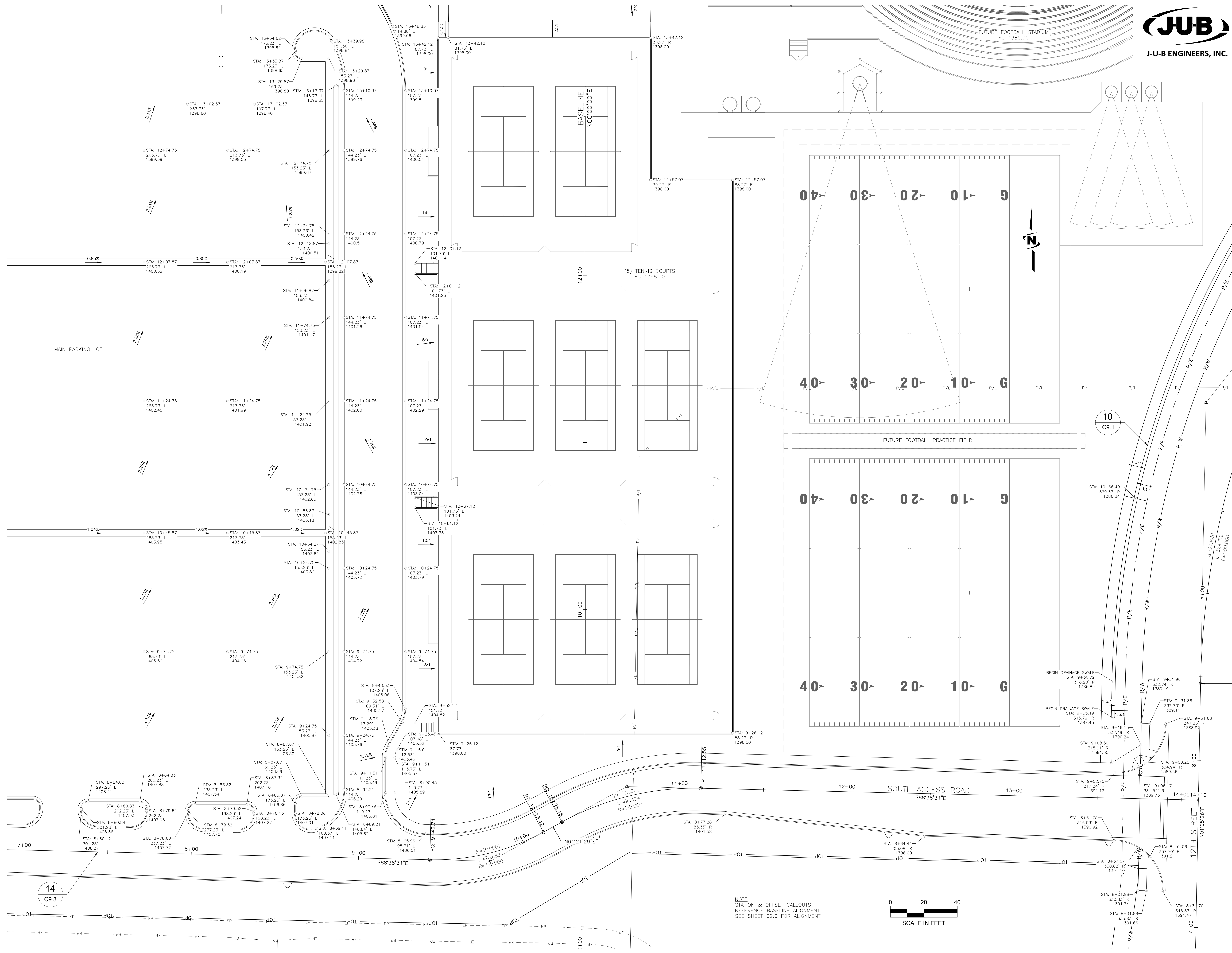


Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: JWR
CHECKED BY: JWR
AGENCY REVIEW

DRAWING NO.:
C2.1
SITE GRADING PLAN



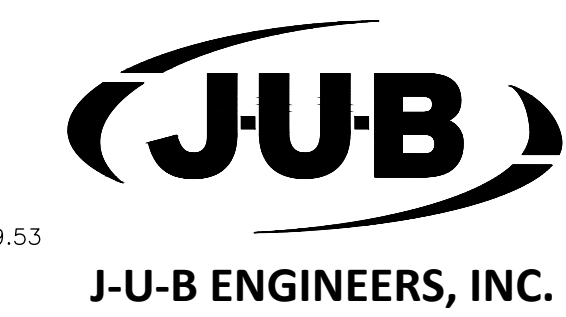
Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

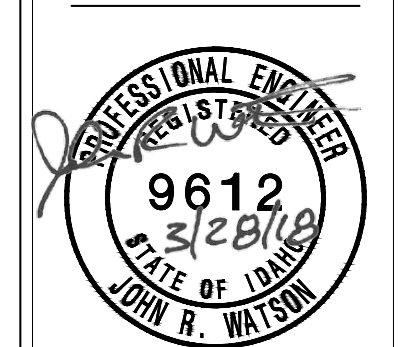
DRAWING NO.:
C2.2
SITE GRADING PLAN



J-U-B ENGINEERS, INC.



2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443

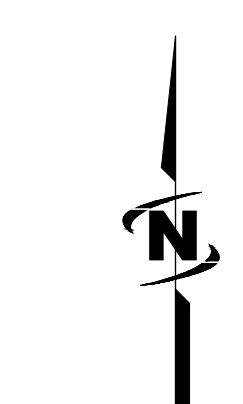
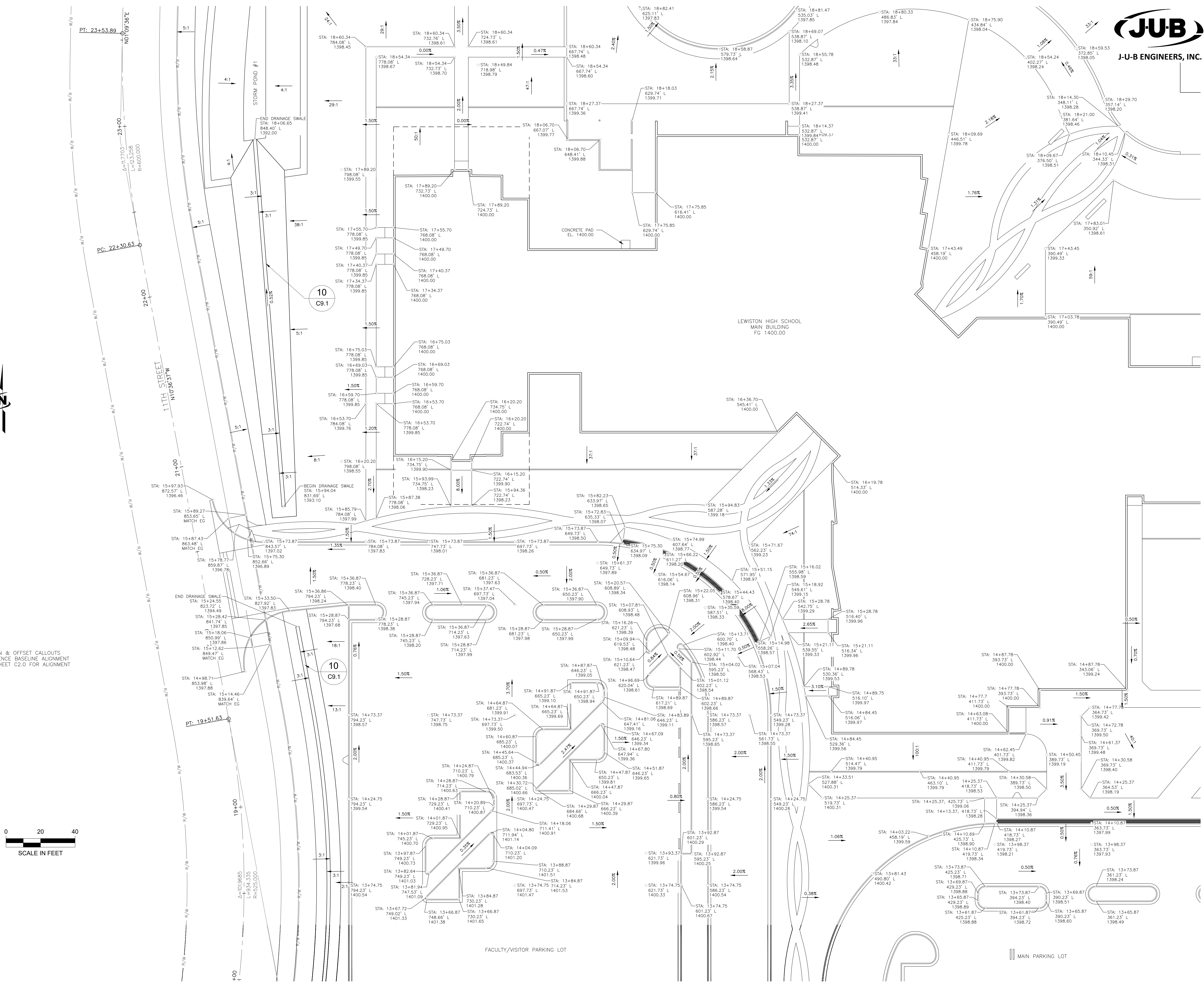


Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

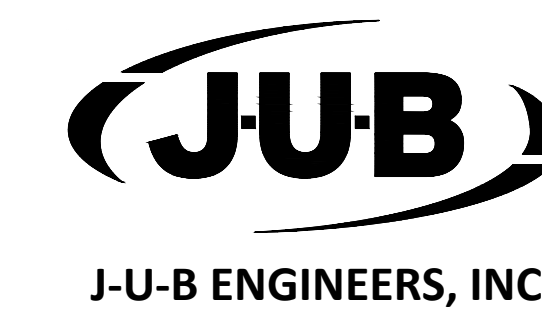
DRAWN BY: WDR
CHECKED BY: JWR
AGENCY REVIEW

DRAWING NO.:
C2.3
SITE GRADING PLAN

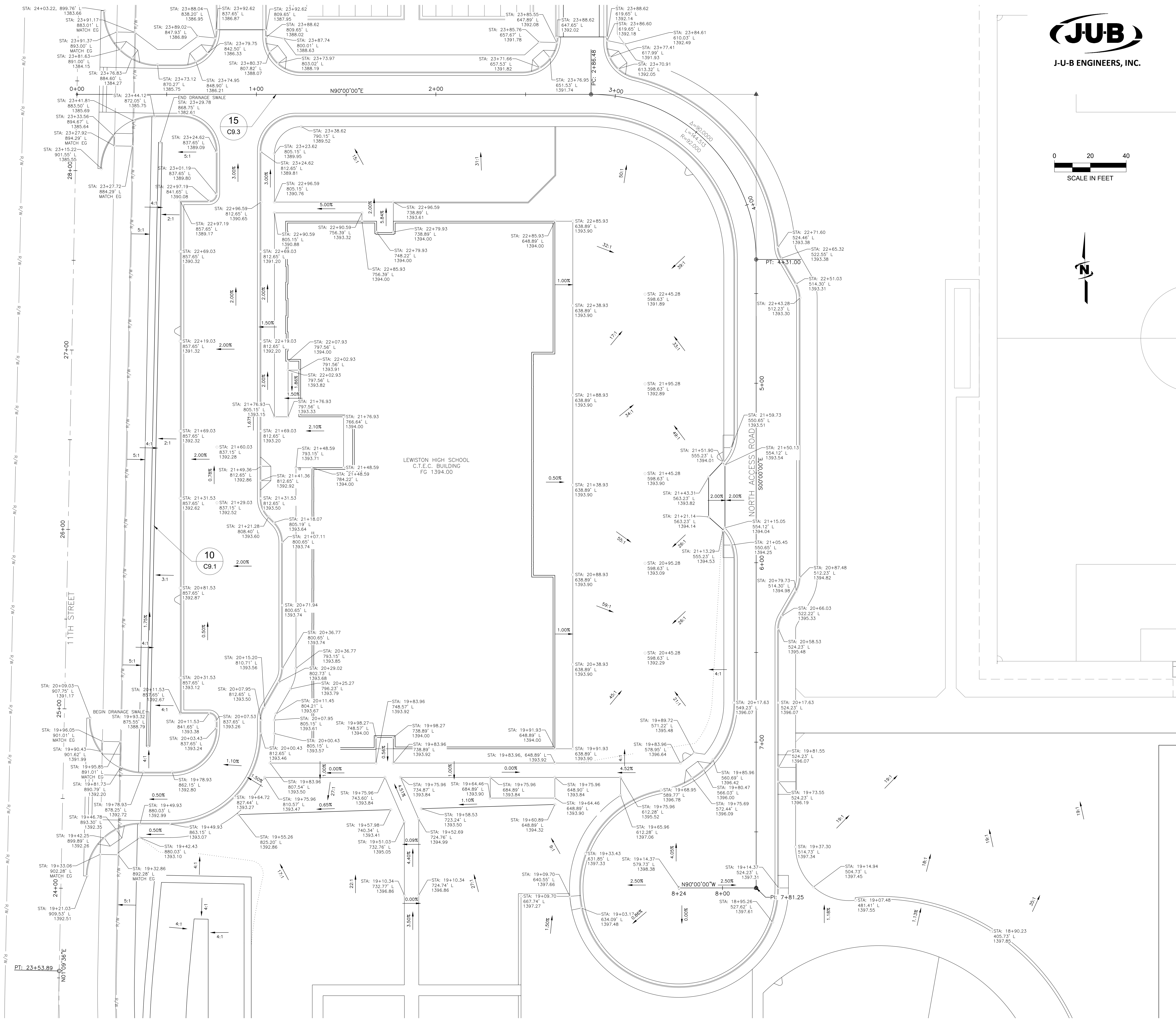
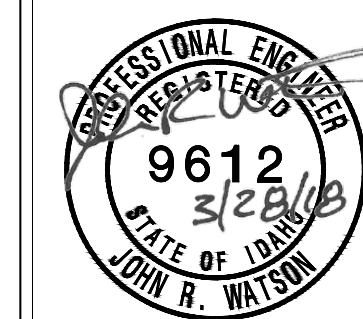


NOTE:
STATION & OFFSET CALLOUTS
REFERENCE BASELINE ALIGNMENT
SEE SHEET C2.0 FOR ALIGNMENT





2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443

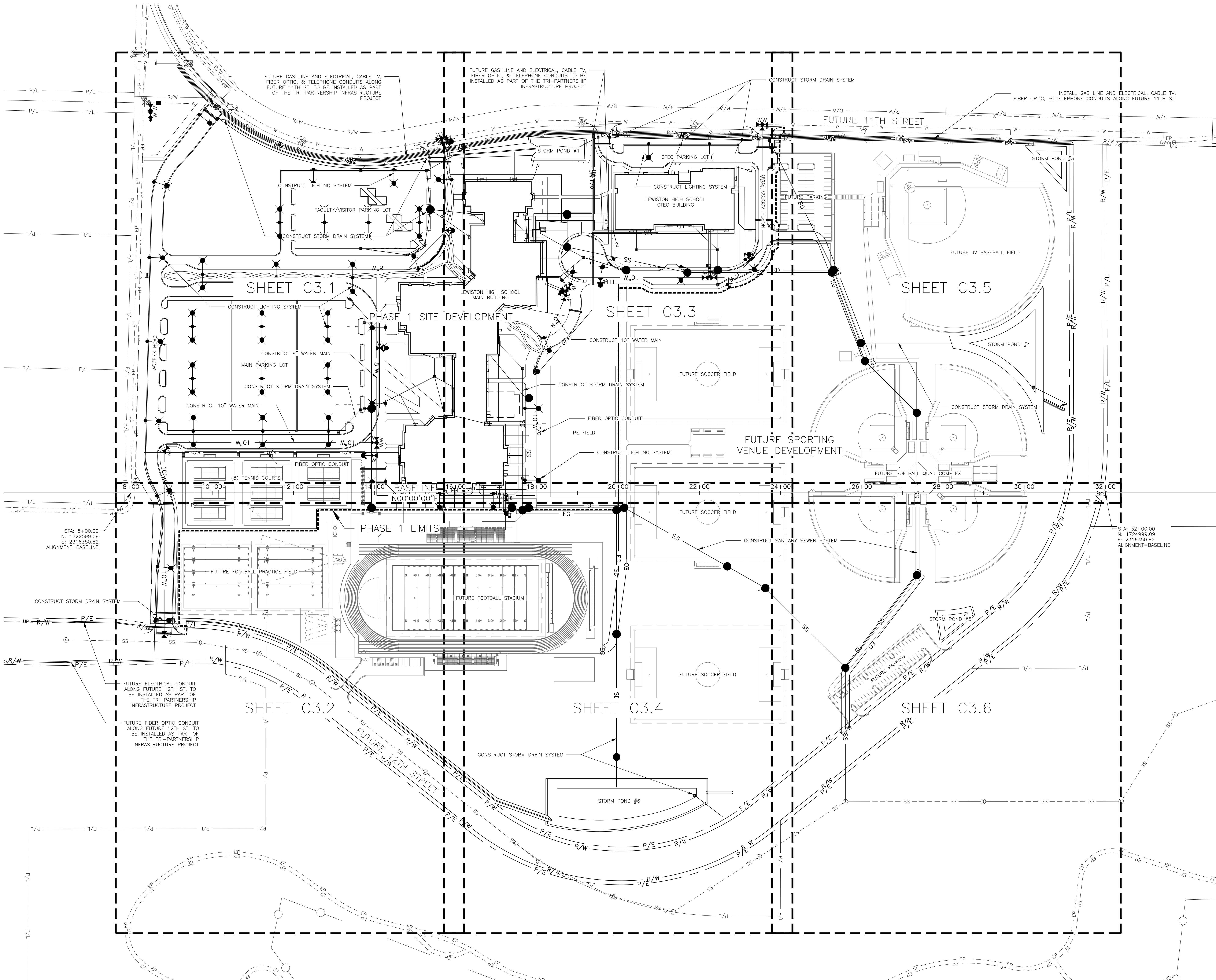


Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW
AGENCY REVIEW

DRAWING NO.:
C2.5
SITE GRADING PLAN



STA: 8+00.00
N: 1722599.09
E: 2316350.82
ALIGNMENT=BASELINE

STA: 32+00.00
N: 1724999.09
E: 2316350.82
ALIGNMENT=BASELINE

**Lewiston High School
Independent School District No. 1**
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

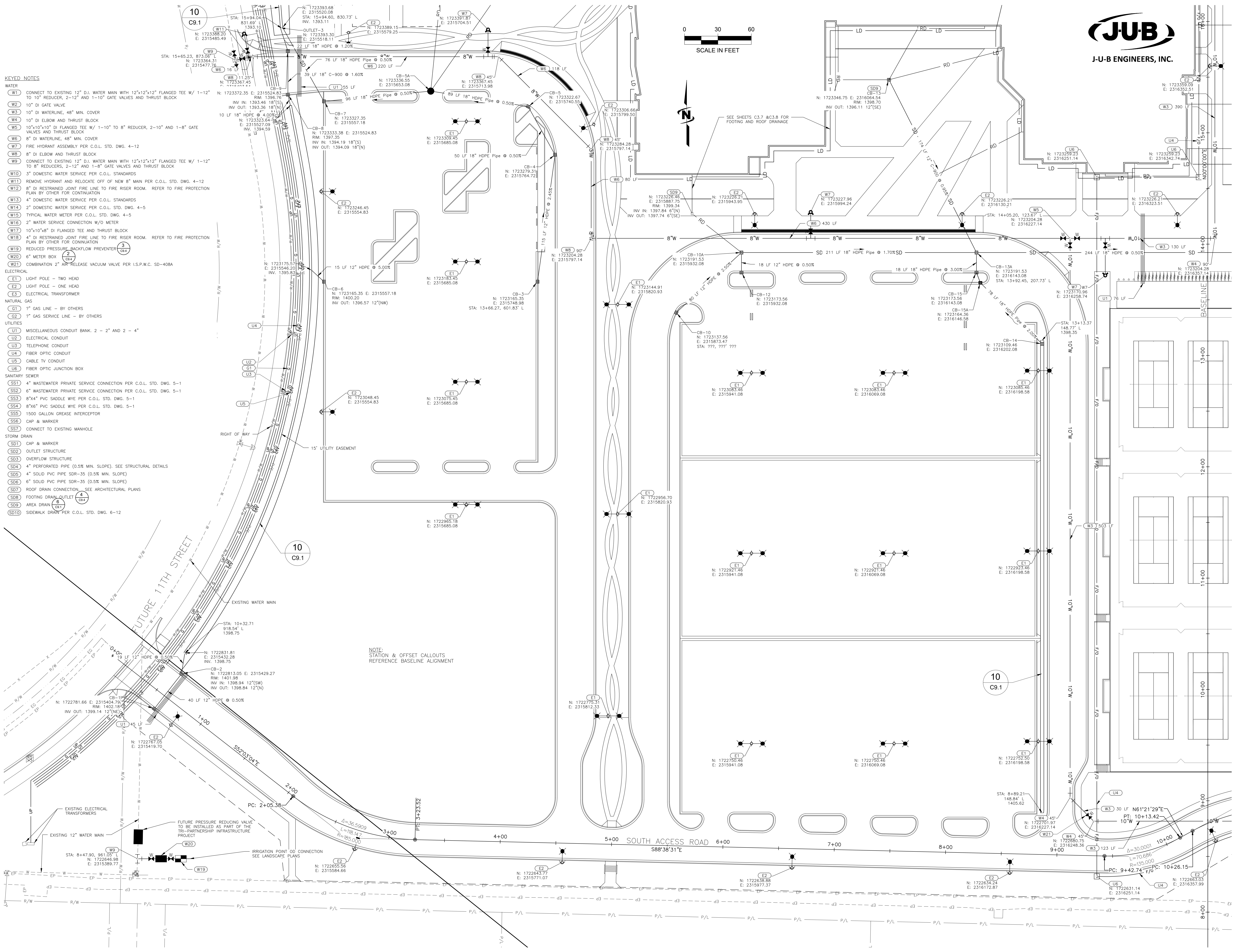
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

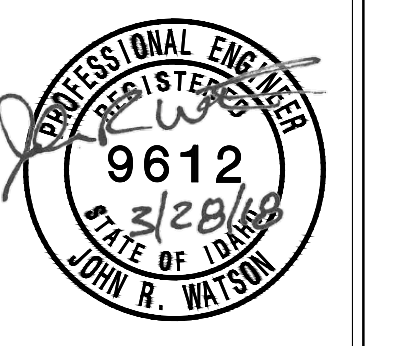
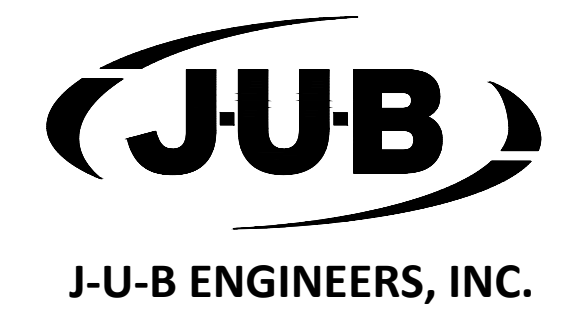
DRAWING NO.:

C3.0

OVERALL SITE UTILITY PLAN

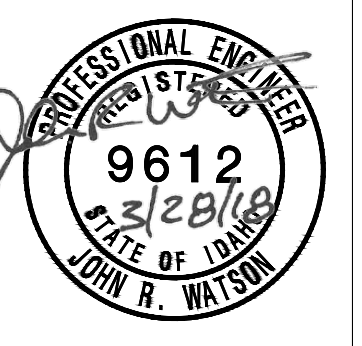
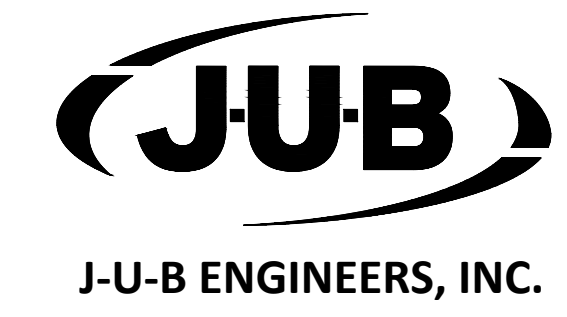
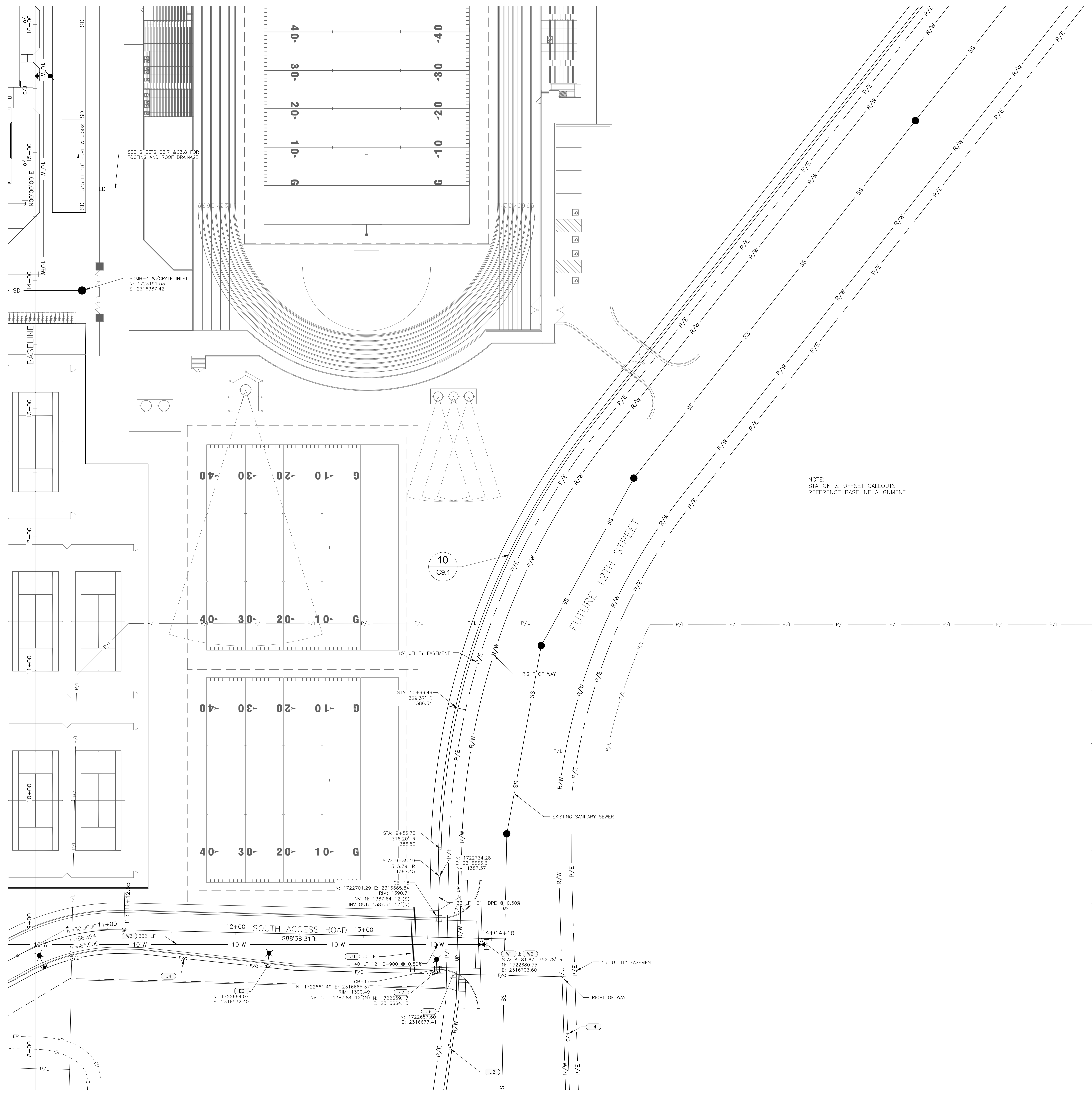


- KEYED NOTES**
- WATER
 - W1 CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 10" REDUCER, 2-12" AND 1-10" GATE VALVES AND THRUST BLOCK
 - W2 10" DI GATE VALVE
 - W3 10" DI WATERLINE, 48" MIN. COVER
 - W4 10" DI ELBOW AND THRUST BLOCK
 - W5 10"x10"x10" DI FLANGED TEE W/ 1-10" TO 8" REDUCER, 2-10" AND 1-8" GATE VALVES AND THRUST BLOCK
 - W6 8" DI WATERLINE, 48" MIN. COVER
 - W7 FIRE HYDRANT ASSEMBLY PER C.O.L. STD. DWG. 4-12
 - W8 8" DI ELBOW AND THRUST BLOCK
 - W9 CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 8" REDUCERS, 2-12" AND 1-8" GATE VALVES AND THRUST BLOCK
 - W10 3" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - W11 REMOVE HYDRANT AND RELOCATE OFF OF NEW 8" MAIN PER C.O.L. STD. DWG. 4-12
 - W12 8" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION.
 - W13 4" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - W14 2" DOMESTIC WATER SERVICE PER C.O.L. STD. DWG. 4-5
 - W15 TYPICAL WATER METER PER C.O.L. STD. DWG. 4-5
 - W16 2" WATER SERVICE CONNECTION W/O METER
 - W17 10"x10"x8" DI FLANGED TEE AND THRUST BLOCK
 - W18 4" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION.
 - W19 REDUCED PRESSURE BACKFLOW PREVENTER
 - W20 6" METER BOX
 - W21 COMBINATION 2" AIR RELEASE VACUUM VALVE PER I.S.P.W.C. SD-408A
 - ELECTRICAL
 - E1 LIGHT POLE - TWO HEAD
 - E2 LIGHT POLE - ONE HEAD
 - E3 ELECTRICAL TRANSFORMER
 - NATURAL GAS
 - G1 2" GAS LINE - BY OTHERS
 - G2 2" GAS SERVICE LINE - BY OTHERS
 - UTILITIES
 - U1 MISCELLANEOUS CONDUIT BANK, 2 - 2" AND 2 - 4"
 - U2 ELECTRICAL CONDUIT
 - U3 TELEPHONE CONDUIT
 - U4 FIBER OPTIC CONDUIT
 - U5 CABLE TV CONDUIT
 - U6 FIBER OPTIC JUNCTION BOX
 - SANITARY SEWER
 - SS1 4" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - SS2 6" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - SS3 8"x4" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - SS4 8"x6" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - SS5 1500 GALLON GREASE INTERCEPTOR
 - SS6 CAP & MARKER
 - SS7 CONNECT TO EXISTING MANHOLE
 - STORM DRAIN
 - SD1 CAP & MARKER
 - SD2 OUTLET STRUCTURE
 - SD3 OVERFLOW STRUCTURE
 - SD4 4" PERFORATED PIPE (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - SD5 4" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - SD6 6" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - SD7 ROOF DRAIN CONNECTION - SEE ARCHITECTURAL PLANS
 - SD8 FOOTING DRAIN OUTLET
 - SD9 AREA DRAIN
 - SD10 SIDEWALK DRAIN PER C.O.L. STD. DWG. 6-12



Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:
DRAWN BY: WDR
CHECKED BY: JRW
AGENCY REVIEW
DRAWING NO.:
C3.1
SITE UTILITY PLAN



NOTES:
STATION & OFFSET CALLOUTS
REFERENCE BASELINE ALIGNMENT

KEYED NOTES

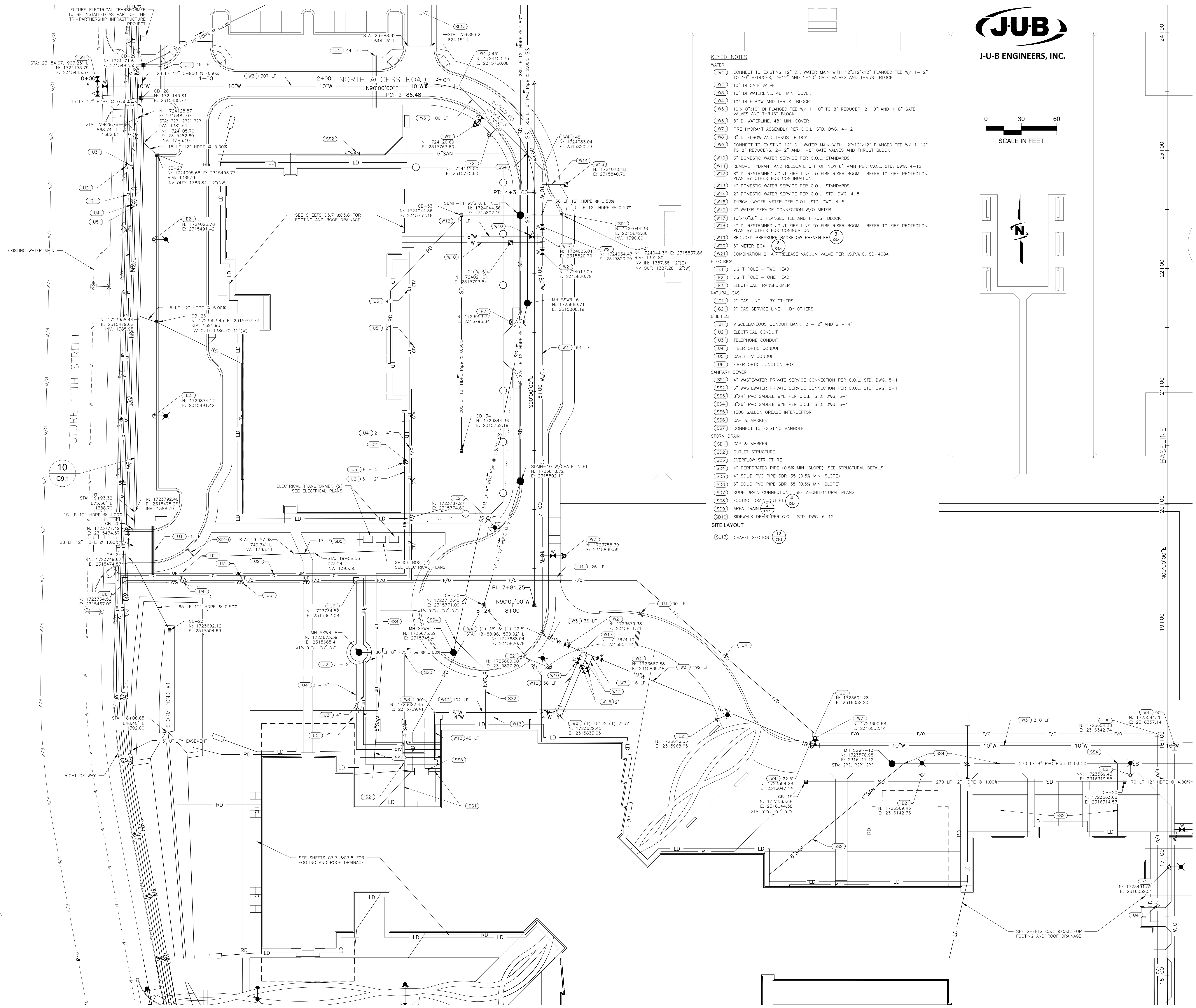
- WATER
- (W1) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 10" REDUCER, 2-12" AND 1-10" GATE VALVES AND THRUST BLOCK
 - (W2) 10" DI GATE VALVE
 - (W3) 10" DI WATERLINE, 48" MIN. COVER
 - (W4) 10" DI ELBOW AND THRUST BLOCK
 - (W5) 10"x10"x10" DI FLANGED TEE W/ 1-10" TO 8" REDUCER, 2-10" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W6) 8" DI WATERLINE, 48" MIN. COVER
 - (W7) FIRE HYDRANT ASSEMBLY PER C.O.L. STD. DWG. 4-12
 - (W8) 8" DI ELBOW AND THRUST BLOCK
 - (W9) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 8" REDUCERS, 2-12" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W10) 3" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W11) REMOVE HYDRANT AND RELOCATE OFF OF NEW 8" MAIN PER C.O.L. STD. DWG. 4-12
 - (W12) 8" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W13) 4" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W14) 2" DOMESTIC WATER SERVICE PER C.O.L. STD. DWG. 4-5
 - (W15) TYPICAL WATER METER PER C.O.L. STD. DWG. 4-5
 - (W16) 2" WATER SERVICE CONNECTION W/O METER
 - (W17) 10"x10"x8" DI FLANGED TEE AND THRUST BLOCK
 - (W18) 4" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W19) REDUCED PRESSURE BACKFLOW PREVENTER (2) (C9.1)
 - (W20) 6" METER BOX (2) (C9.1)
 - (W21) COMBINATION 2" AIR RELEASE VALVE PER I.S.P.W.C. SD-408A
- ELECTRICAL
- (E1) LIGHT POLE - TWO HEAD
 - (E2) LIGHT POLE - ONE HEAD
 - (E3) ELECTRICAL TRANSFORMER
- NATURAL GAS
- (G1) ?" GAS LINE - BY OTHERS
 - (G2) ?" GAS SERVICE LINE - BY OTHERS
- UTILITIES
- (U1) MISCELLANEOUS CONDUIT BANK. 2 - 2" AND 2 - 4"
 - (U2) ELECTRICAL CONDUIT
 - (U3) TELEPHONE CONDUIT
 - (U4) FIBER OPTIC CONDUIT
 - (U5) CABLE TV CONDUIT
 - (U6) FIBER OPTIC JUNCTION BOX
- SANITARY SEWER
- (SS1) 4" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS2) 6" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS3) 8"x4" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS4) 8"x8" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS5) 1500 GALLON GREASE INTERCEPTOR
 - (SS6) CAP & MARKER
 - (SS7) CONNECT TO EXISTING MANHOLE
- STORM DRAIN
- (SD1) CAP & MARKER
 - (SD2) OUTLET STRUCTURE
 - (SD3) OVERFLOW STRUCTURE
 - (SD4) 4" PERFORATED PIPE (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - (SD5) 4" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD6) 6" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD7) ROOF DRAIN CONNECTION - SEE ARCHITECTURAL PLANS
 - (SD8) FOOTING DRAIN OUTLET (4) (C9.1)
 - (SD9) AREA DRAIN (6) (C9.1)
 - (SD10) SIDEWALK DRAIN PER C.O.L. STD. DWG. 6-12

Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

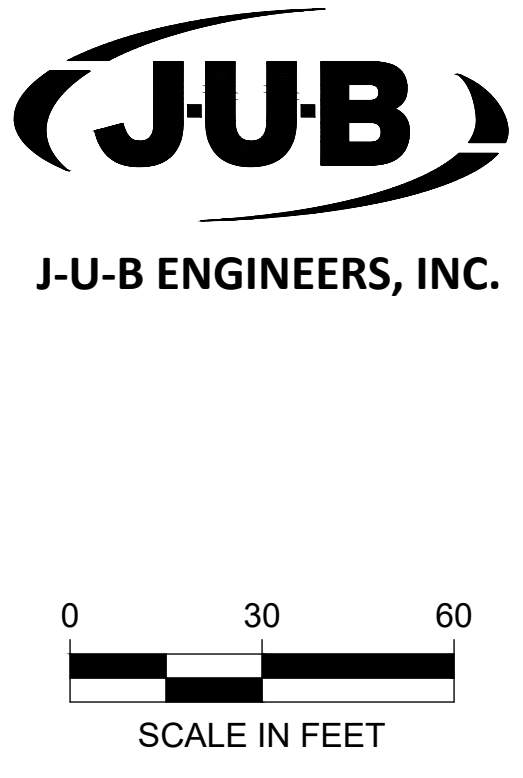
DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: JWR
CHECKED BY: JRW
AGENCY REVIEW

DRAWING NO.:
C3.2
SITE UTILITY PLAN



- KEYED NOTES**
- WATER**
- (W1) CONNECT TO EXISTING 12" DI WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-1/2" TO 10" REDUCER, 2-1/2" AND 1-10" GATE VALVES AND THRUST BLOCK
 - (W2) 10" DI GATE VALVE
 - (W3) 10" DI WATERLINE, 48" MIN. COVER
 - (W4) 10" DI ELBOW AND THRUST BLOCK
 - (W5) 10"x10"x10" DI FLANGED TEE W/ 1-10" TO 8" REDUCER, 2-10" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W6) 8" DI WATERLINE, 48" MIN. COVER
 - (W7) FIRE HYDRANT ASSEMBLY PER C.O.L. STD. DWG. 4-12
 - (W8) 8" DI ELBOW AND THRUST BLOCK
 - (W9) CONNECT TO EXISTING 12" DI WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-1/2" TO 8" REDUCER, 2-1/2" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W10) 3" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W11) REMOVE HYDRANT AND RELOCATE OFF OF NEW 8" MAIN PER C.O.L. STD. DWG. 4-12
 - (W12) 8" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W13) 4" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W14) 2" DOMESTIC WATER SERVICE PER C.O.L. STD. DWG. 4-5
 - (W15) TYPICAL WATER METER PER C.O.L. STD. DWG. 4-5
 - (W16) 2" WATER SERVICE CONNECTION W/O METER
 - (W17) 10"x10"x8" DI FLANGED TEE AND THRUST BLOCK
 - (W18) 4" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W19) REDUCED PRESSURE BACKFLOW PREVENTER (3) (CR)
 - (W20) 6" METER BOX (2) (CR)
 - (W21) COMBINATION 2" AIR-RELEASE VACUUM VALVE PER I.S.P.W.C. SD-408A
- ELECTRICAL**
- (E1) LIGHT POLE - TWO HEAD
 - (E2) LIGHT POLE - ONE HEAD
 - (E3) ELECTRICAL TRANSFORMER
- NATURAL GAS**
- (G1) ?" GAS LINE - BY OTHERS
 - (G2) ?" GAS SERVICE LINE - BY OTHERS
- UTILITIES**
- (U1) MISCELLANEOUS CONDUIT BANK, 2 - 2" AND 2 - 4"
 - (U2) ELECTRICAL CONDUIT
 - (U3) TELEPHONE CONDUIT
 - (U4) FIBER OPTIC CONDUIT
 - (U5) CABLE TV CONDUIT
 - (U6) FIBER OPTIC JUNCTION BOX
- SANITARY SEWER**
- (SS1) 4" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS2) 6" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS3) 8"x4" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS4) 8"x6" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS5) 1500 GALLON GREASE INTERCEPTOR
 - (SS6) CAP & MARKER
 - (SS7) CONNECT TO EXISTING MANHOLE
- STORM DRAIN**
- (SD1) CAP & MARKER
 - (SD2) OUTLET STRUCTURE
 - (SD3) OVERFLOW STRUCTURE
 - (SD4) 4" PERFORATED PIPE (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - (SD5) 4" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD6) 6" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD7) ROOF DRAIN CONNECTION. SEE ARCHITECTURAL PLANS
 - (SD8) FOOTING DRAIN OUTLET
 - (SD9) AREA DRAIN (6) (CR)
 - (SD10) SIDEWALK DRAIN PER C.O.L. STD. DWG. 6-12
- SITE LAYOUT**
- (SL13) GRAVEL SECTION (12) (CR)



LKV ARCHITECTS
 2400 E. Riverwalk Drive
 Boise, Idaho 83706
 www.lkvarchitects.com
 208.336.3443

PGU architecture

PROFESSIONAL ENGINEER
 9612
 STATE OF IDAHO
 JOHN R. WATSON

**Lewiston High School
 Independent School District No. 1**
 LEWISTON, IDAHO

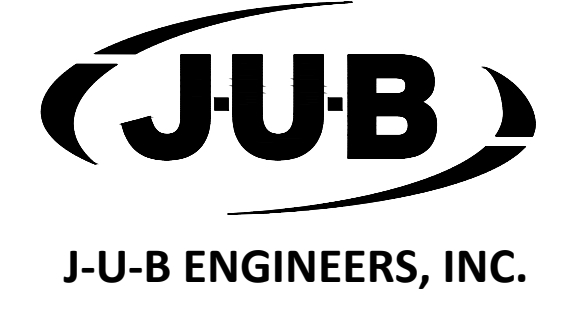
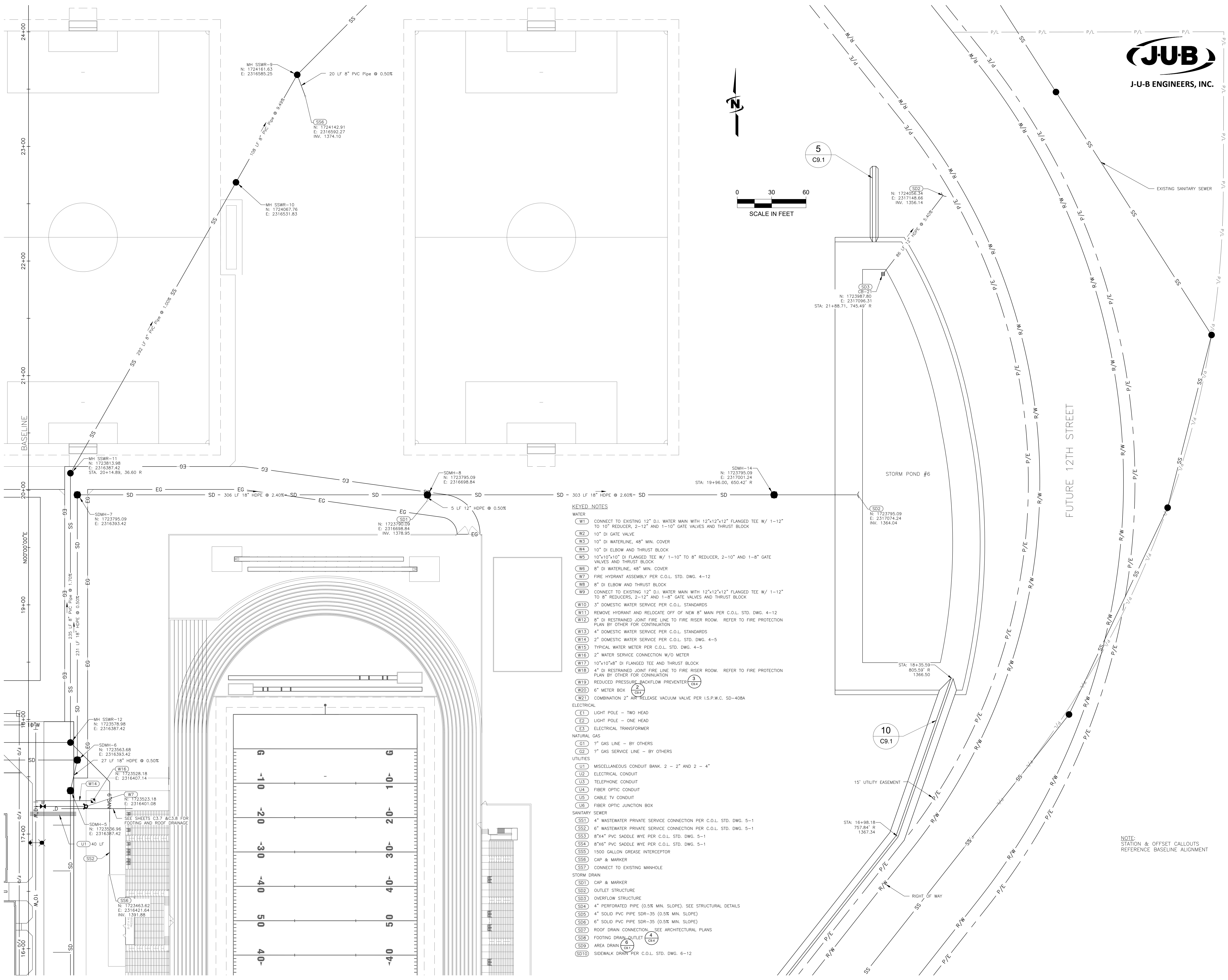
DATE: 3/28/2018
 LKV PROJECT #: 1510
 REVISIONS:

DRAWN BY: JWR
 CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C3.3
 SITE UTILITY PLAN

NOTE:
 STATION & OFFSET CALLOUTS
 REFERENCE BASELINE ALIGNMENT



LKV ARCHITECTS
 2400 E. Riverwalk Drive
 Boise, Idaho 83706
 www.lkvarchitects.com
 208.336.3443

PGU architecture

**Lewiston High School
 Independent School District No. 1**
 LEWISTON, IDAHO

DATE: 3/27/2018
 LKV PROJECT#: 1510
 REVISIONS:

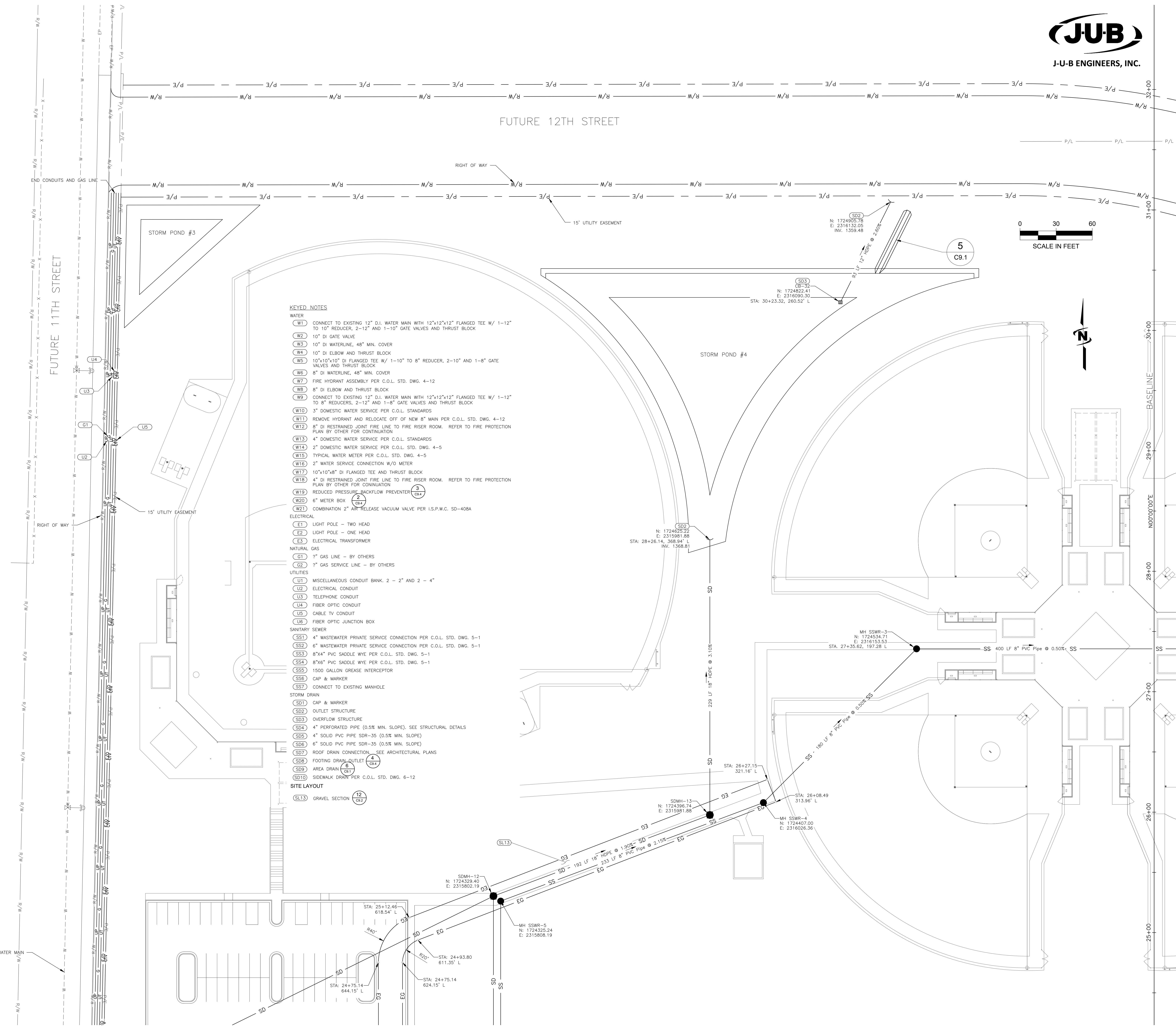
DRAWN BY: WDR
 CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C3.4
 SITE UTILITY PLAN

- KEYED NOTES**
- WATER**
- (W1) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 10" REDUCER, 2-12" AND 1-10" GATE VALVES AND THRUST BLOCK
 - (W2) 10" DI GATE VALVE
 - (W3) 10" DI WATERLINE, 48" MIN. COVER
 - (W4) 10" DI ELBOW AND THRUST BLOCK
 - (W5) 10"x10"x10" DI FLANGED TEE W/ 1-10" TO 8" REDUCER, 2-10" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W6) 8" DI WATERLINE, 48" MIN. COVER
 - (W7) FIRE HYDRANT ASSEMBLY PER C.O.L. STD. DWG. 4-12
 - (W8) 8" DI ELBOW AND THRUST BLOCK
 - (W9) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 8" REDUCERS, 2-12" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W10) 3" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W11) REMOVE HYDRANT AND RELOCATE OFF OF NEW 8" MAIN PER C.O.L. STD. DWG. 4-12
 - (W12) 8" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W13) 4" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W14) 2" DOMESTIC WATER SERVICE PER C.O.L. STD. DWG. 4-5
 - (W15) TYPICAL WATER METER PER C.O.L. STD. DWG. 4-5
 - (W16) 2" WATER SERVICE CONNECTION W/O METER
 - (W17) 10"x10"x8" DI FLANGED TEE AND THRUST BLOCK
 - (W18) 4" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W19) REDUCED PRESSURE BACKFLOW PREVENTER (3) (CA)
 - (W20) 6" METER BOX (2) (CA)
 - (W21) COMBINATION 2" AIR-RELEASE VACUUM VALVE PER I.S.P.W.C. SD-408A
- ELECTRICAL**
- (E1) LIGHT POLE - TWO HEAD
 - (E2) LIGHT POLE - ONE HEAD
 - (E3) ELECTRICAL TRANSFORMER
- NATURAL GAS**
- (G1) 7" GAS LINE - BY OTHERS
 - (G2) 7" GAS SERVICE LINE - BY OTHERS
- UTILITIES**
- (U1) MISCELLANEOUS CONDUIT BANK, 2 - 2" AND 2 - 4"
 - (U2) ELECTRICAL CONDUIT
 - (U3) TELEPHONE CONDUIT
 - (U4) FIBER OPTIC CONDUIT
 - (U5) CABLE TV CONDUIT
 - (U6) FIBER OPTIC JUNCTION BOX
- SANITARY SEWER**
- (SS1) 4" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS2) 6" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS3) 8"x4" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS4) 8"x6" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS5) 1500 GALLON GREASE INTERCEPTOR
 - (SS6) CAP & MARKER
 - (SS7) CONNECT TO EXISTING MANHOLE
- STORM DRAIN**
- (SD1) CAP & MARKER
 - (SD2) OUTLET STRUCTURE
 - (SD3) OVERFLOW STRUCTURE
 - (SD4) 4" PERFORATED PIPE (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - (SD5) 4" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD6) 6" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD7) ROOF DRAIN CONNECTION - SEE ARCHITECTURAL PLANS
 - (SD8) FOOTING DRAIN OUTLET (3) (CA)
 - (SD9) AREA DRAIN (3) (CA)
 - (SD10) SIDEWALK DRAIN PER C.O.L. STD. DWG. 6-12

NOTE:
 STATION & OFFSET CALLOUTS
 REFERENCE BASELINE ALIGNMENT



- KEYED NOTES**
- WATER**
- (W1) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 10" REDUCER, 2-12" AND 1-10" GATE VALVES AND THRUST BLOCK
 - (W2) 10" DI GATE VALVE
 - (W3) 10" DI WATERLINE, 48" MIN. COVER
 - (W4) 10" DI ELBOW AND THRUST BLOCK
 - (W5) 10"x10"x10" DI FLANGED TEE W/ 1-10" TO 8" REDUCER, 2-10" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W6) 8" DI WATERLINE, 48" MIN. COVER
 - (W7) FIRE HYDRANT ASSEMBLY PER C.O.L. STD. DWG. 4-12
 - (W8) 8" DI ELBOW AND THRUST BLOCK
 - (W9) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 8" REDUCERS, 2-12" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W10) 3" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W11) REMOVE HYDRANT AND RELOCATE OFF OF NEW 8" MAIN PER C.O.L. STD. DWG. 4-12
 - (W12) 8" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W13) 4" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W14) 2" DOMESTIC WATER SERVICE PER C.O.L. STD. DWG. 4-5
 - (W15) TYPICAL WATER METER PER C.O.L. STD. DWG. 4-5
 - (W16) 2" WATER SERVICE CONNECTION W/O METER
 - (W17) 10"x10"x8" DI FLANGED TEE AND THRUST BLOCK
 - (W18) 4" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W19) REDUCED PRESSURE BACKFLOW PREVENTER (3) (C9.4)
 - (W20) 6" METER BOX (2) (C9.4)
 - (W21) COMBINATION 2" AIR RELEASE VACUUM VALVE PER I.S.P.W.C. SD-408A
- ELECTRICAL**
- (E1) LIGHT POLE - TWO HEAD
 - (E2) LIGHT POLE - ONE HEAD
 - (E3) ELECTRICAL TRANSFORMER
- NATURAL GAS**
- (G1) 1" GAS LINE - BY OTHERS
 - (G2) 1" GAS SERVICE LINE - BY OTHERS
- UTILITIES**
- (U1) MISCELLANEOUS CONDUIT BANK, 2 - 2" AND 2 - 4"
 - (U2) ELECTRICAL CONDUIT
 - (U3) TELEPHONE CONDUIT
 - (U4) FIBER OPTIC CONDUIT
 - (U5) CABLE TV CONDUIT
 - (U6) FIBER OPTIC JUNCTION BOX
- SANITARY SEWER**
- (SS1) 4" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS2) 6" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS3) 8"x4" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS4) 8"x6" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS5) 1500 GALLON GREASE INTERCEPTOR
 - (SS6) CAP & MARKER
 - (SS7) CONNECT TO EXISTING MANHOLE
- STORM DRAIN**
- (SD1) CAP & MARKER
 - (SD2) OUTLET STRUCTURE
 - (SD3) OVERFLOW STRUCTURE
 - (SD4) 4" PERFORATED PIPE (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - (SD5) 4" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD6) 6" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD7) ROOF DRAIN CONNECTION SEE ARCHITECTURAL PLANS
 - (SD8) FOOTING DRAIN OUTLET
 - (SD9) AREA DRAIN (6) (C9.4)
 - (SD10) SIDEWALK DRAIN PER C.O.L. STD. DWG. 6-12
- SITE LAYOUT**
- (SL13) GRAVEL SECTION (12) (C9.4)

NOTE:
 STATION & OFFSET CALLOUTS
 REFERENCE BASELINE ALIGNMENT

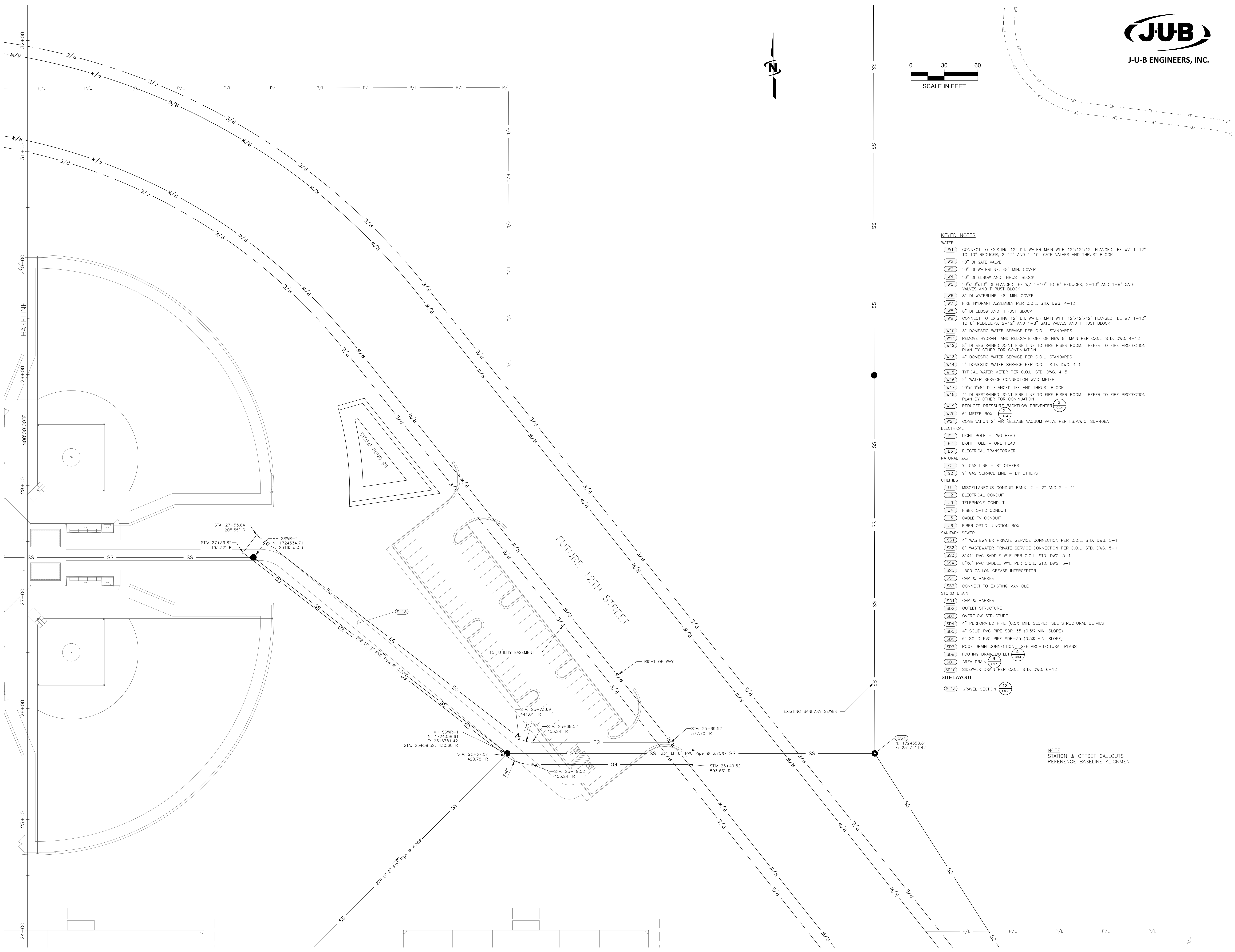
Lewiston High School
 Independent School District No. 1
 LEWISTON, IDAHO

DATE: 3/28/2018
 LKV PROJECT#: 1510
 REVISIONS:

DRAWN BY: WDR
 CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C3.5
 SITE UTILITY PLAN



- KEYED NOTES**
- WATER**
- (W1) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 10" REDUCER, 2-12" AND 1-10" GATE VALVES AND THRUST BLOCK
 - (W2) 10" DI GATE VALVE
 - (W3) 10" DI WATERLINE, 48" MIN. COVER
 - (W4) 10" DI ELBOW AND THRUST BLOCK
 - (W5) 10"x10"x10" DI FLANGED TEE W/ 1-10" TO 8" REDUCER, 2-10" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W6) 8" DI WATERLINE, 48" MIN. COVER
 - (W7) FIRE HYDRANT ASSEMBLY PER C.O.L. STD. DWG. 4-12
 - (W8) 8" DI ELBOW AND THRUST BLOCK
 - (W9) CONNECT TO EXISTING 12" D.I. WATER MAIN WITH 12"x12"x12" FLANGED TEE W/ 1-12" TO 8" REDUCERS, 2-12" AND 1-8" GATE VALVES AND THRUST BLOCK
 - (W10) 3" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W11) REMOVE HYDRANT AND RELOCATE OFF OF NEW 8" MAIN PER C.O.L. STD. DWG. 4-12
 - (W12) 8" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W13) 4" DOMESTIC WATER SERVICE PER C.O.L. STANDARDS
 - (W14) 2" DOMESTIC WATER SERVICE PER C.O.L. STD. DWG. 4-5
 - (W15) TYPICAL WATER METER PER C.O.L. STD. DWG. 4-5
 - (W16) 2" WATER SERVICE CONNECTION W/O METER
 - (W17) 10"x10"x8" DI FLANGED TEE AND THRUST BLOCK
 - (W18) 4" DI RESTRAINED JOINT FIRE LINE TO FIRE RISER ROOM. REFER TO FIRE PROTECTION PLAN BY OTHER FOR CONTINUATION
 - (W19) REDUCED PRESSURE BACKFLOW PREVENTER (3) (2)
 - (W20) 6" METER BOX (2) (2)
 - (W21) COMBINATION 2" AIR RELEASE VACUUM VALVE PER I.S.P.W.C. SD-408A
- ELECTRICAL**
- (E1) LIGHT POLE - TWO HEAD
 - (E2) LIGHT POLE - ONE HEAD
 - (E3) ELECTRICAL TRANSFORMER
- NATURAL GAS**
- (G1) 2" GAS LINE - BY OTHERS
 - (G2) 2" GAS SERVICE LINE - BY OTHERS
- UTILITIES**
- (U1) MISCELLANEOUS CONDUIT BANK. 2 - 2" AND 2 - 4"
 - (U2) ELECTRICAL CONDUIT
 - (U3) TELEPHONE CONDUIT
 - (U4) FIBER OPTIC CONDUIT
 - (U5) CABLE TV CONDUIT
 - (U6) FIBER OPTIC JUNCTION BOX
- SANITARY SEWER**
- (SS1) 4" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS2) 6" WASTEWATER PRIVATE SERVICE CONNECTION PER C.O.L. STD. DWG. 5-1
 - (SS3) 8"x4" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS4) 8"x6" PVC SADDLE WYE PER C.O.L. STD. DWG. 5-1
 - (SS5) 1500 GALLON GREASE INTERCEPTOR
 - (SS6) CAP & MARKER
 - (SS7) CONNECT TO EXISTING MANHOLE
- STORM DRAIN**
- (SD1) CAP & MARKER
 - (SD2) OUTLET STRUCTURE
 - (SD3) OVERFLOW STRUCTURE
 - (SD4) 4" PERFORATED PIPE (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - (SD5) 4" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD6) 6" SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - (SD7) ROOF DRAIN CONNECTION. SEE ARCHITECTURAL PLANS
 - (SD8) FOOTING DRAIN OUTLET (4) (4)
 - (SD9) AREA DRAIN (1) (1)
 - (SD10) SIDEWALK DRAIN PER C.O.L. STD. DWG. 6-12
- SITE LAYOUT**
- (SL13) GRAVEL SECTION (12) (2)

NOTE:
 STATION & OFFSET CALLOUTS
 REFERENCE BASELINE ALIGNMENT

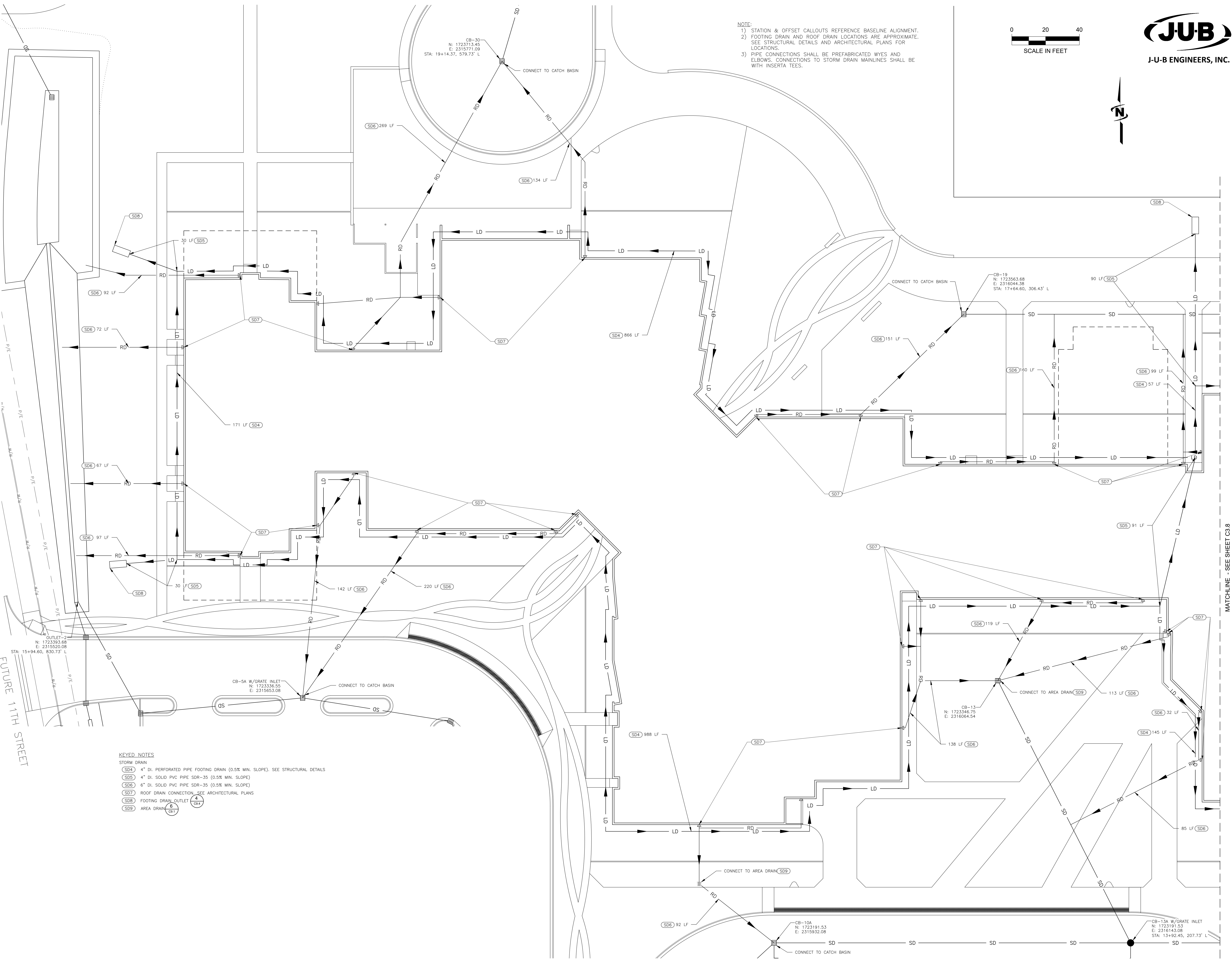
Lewiston High School
 Independent School District No. 1
 LEWISTON, IDAHO

DATE: 3/27/2018
 LKV PROJECT #: 1510
 REVISIONS:

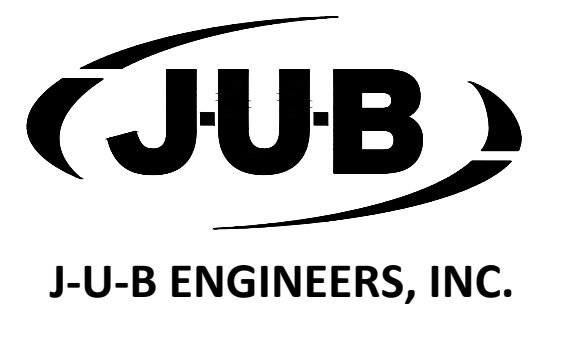
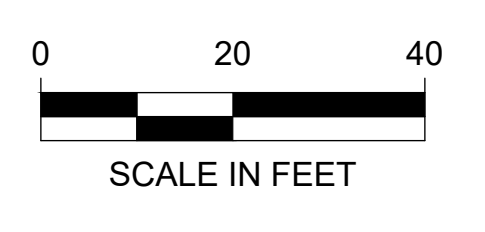
DRAWN BY: WDR
 CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:
C3.6
 SITE UTILITY PLAN



NOTE:
 1) STATION & OFFSET CALLOUTS REFERENCE BASELINE ALIGNMENT.
 2) FOOTING DRAIN AND ROOF DRAIN LOCATIONS ARE APPROXIMATE. SEE STRUCTURAL DETAILS AND ARCHITECTURAL PLANS FOR LOCATIONS.
 3) PIPE CONNECTIONS SHALL BE PREFABRICATED WYES AND ELBOWS; CONNECTIONS TO STORM DRAIN MAINLINES SHALL BE WITH INSERTA TEES.



LKV ARCHITECTS
 2400 E. Riverwalk Drive
 Boise, Idaho 83706
 www.lkvarchitects.com
 208.336.3443

PGU architecture

PROFESSIONAL ENGINEER
 9612
 STATE OF IDAHO
 JOHN R. WATSON

- KEYED NOTES**
- STORM DRAIN
- SD4 4" DI. PERFORATED PIPE FOOTING DRAIN (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
 - SD5 4" DI. SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - SD6 6" DI. SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
 - SD7 ROOF DRAIN CONNECTION. SEE ARCHITECTURAL PLANS
 - SD8 FOOTING DRAIN OUTLET
 - SD9 AREA DRAIN

MATCHLINE - SEE SHEET C3.8

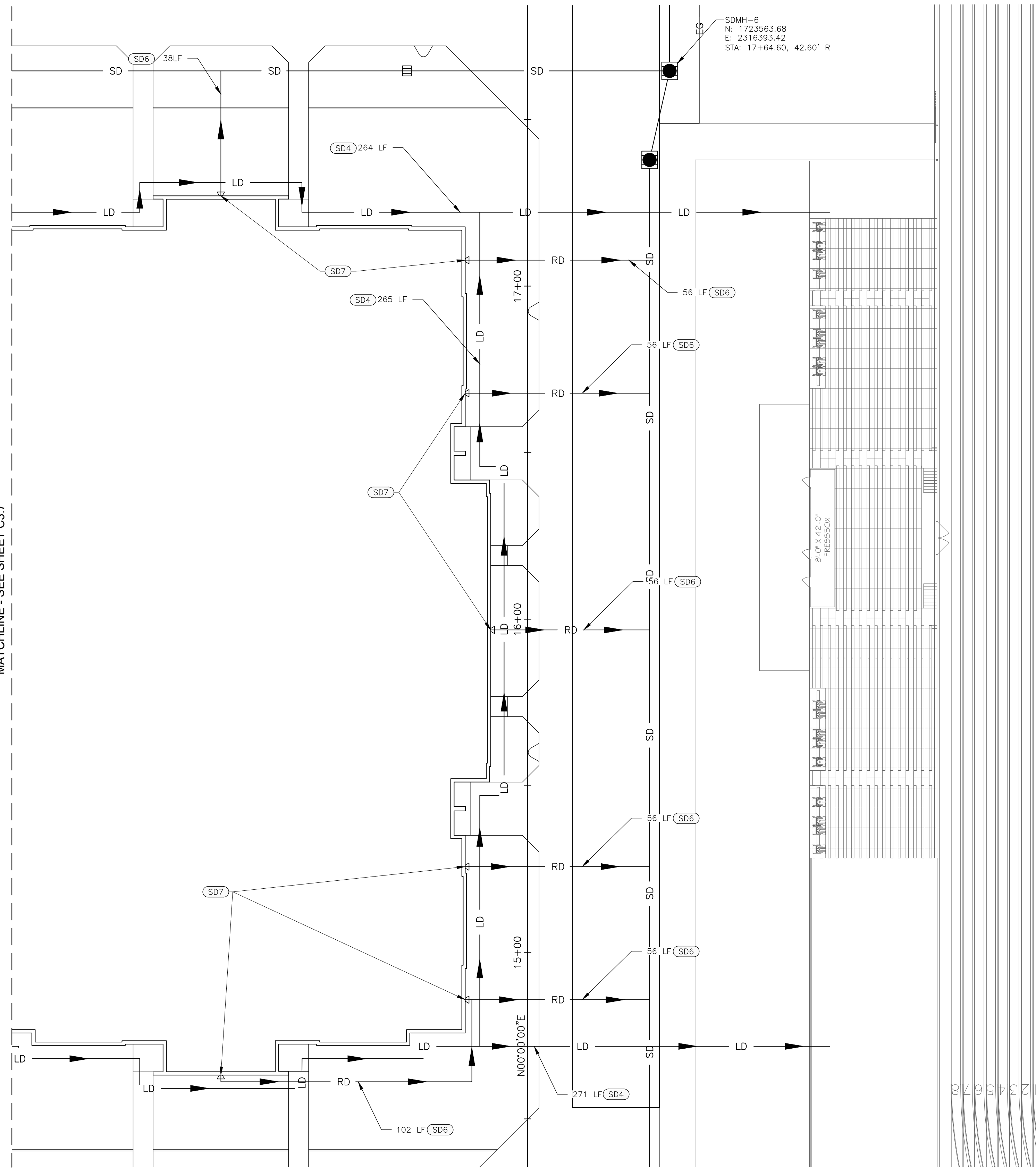
**Lewiston High School
 Independent School District No. 1**
 LEWISTON, IDAHO

DATE: 3/27/2018
 LKV PROJECT #: 1510
 REVISIONS:

DRAWN BY: WDR
 CHECKED BY: JRW
 AGENCY REVIEW

DRAWING NO.:
C3.7
 FOOTING AND ROOF
 DRAIN PLAN

MATCHLINE - SEE SHEET C3.7



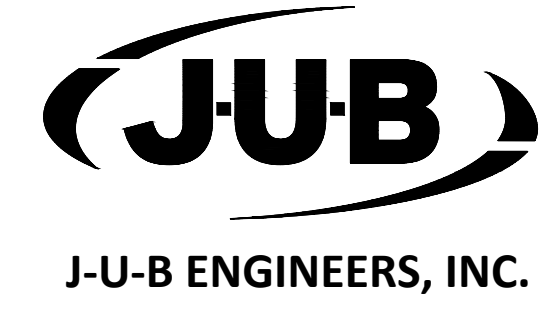
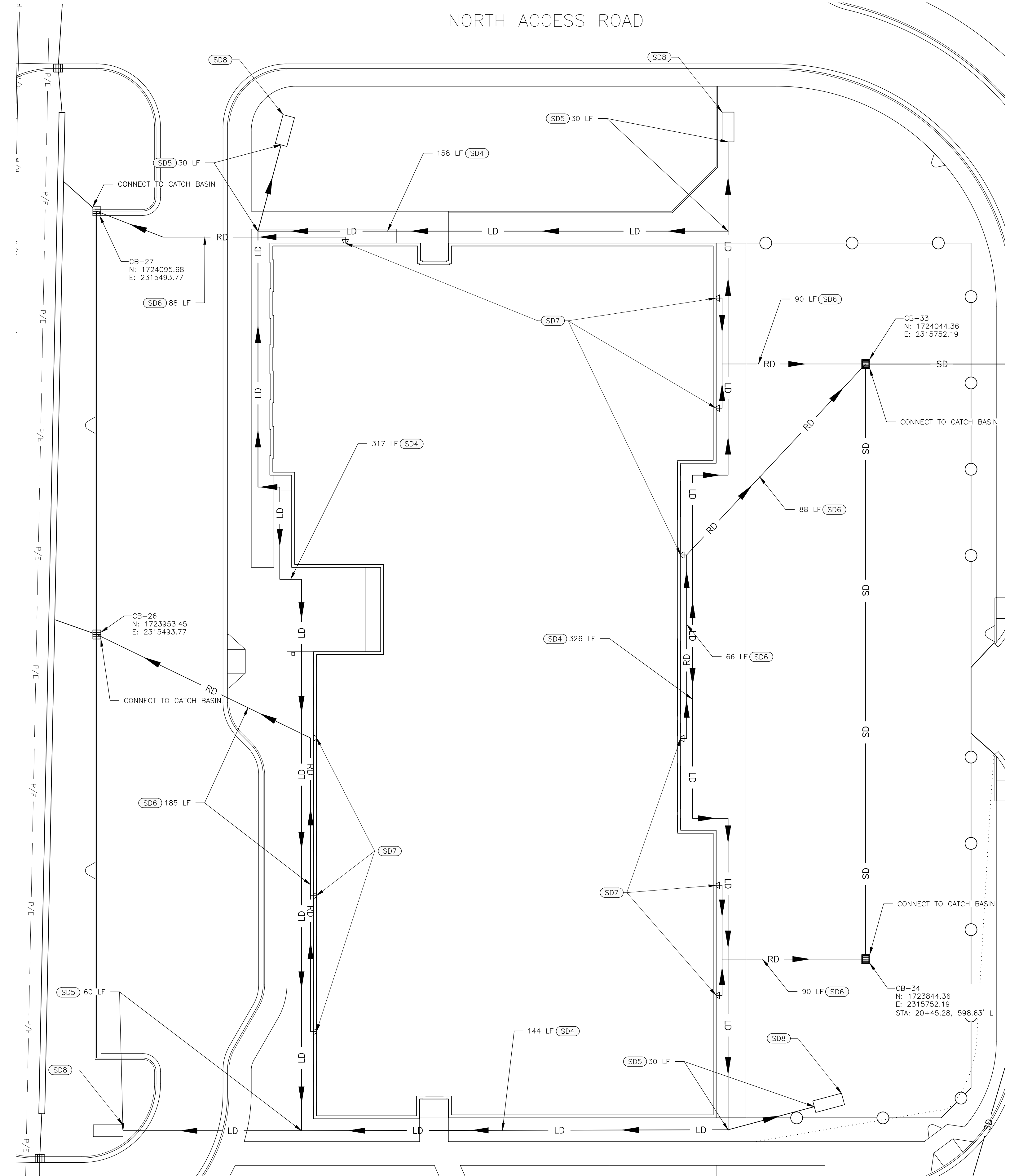
KEYED NOTES

STORM DRAIN

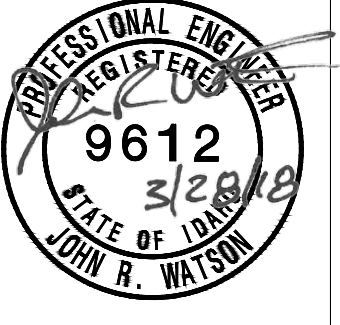
- (SD4) 4" DI. PERFORATED PIPE FOOTING DRAIN (0.5% MIN. SLOPE). SEE STRUCTURAL DETAILS
- (SD5) 4" DI. SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
- (SD6) 6" DI. SOLID PVC PIPE SDR-35 (0.5% MIN. SLOPE)
- (SD7) ROOF DRAIN CONNECTION-SEE ARCHITECTURAL PLANS
- (SD8) FOOTING DRAIN-OUTLET
- (SD9) AREA DRAIN

NOTE:

- 1) STATION & OFFSET CALLOUTS REFERENCE BASELINE ALIGNMENT.
- 2) FOOTING DRAIN AND ROOF DRAIN LOCATIONS ARE APPROXIMATE. SEE STRUCTURAL DETAILS AND ARCHITECTURAL PLANS FOR LOCATIONS.
- 3) PIPE CONNECTIONS SHALL BE PREFABRICATED WYES AND ELBOWS. CONNECTIONS TO STORM DRAIN MAINLINES SHALL BE WITH INSERTA TEES.



2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443



Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

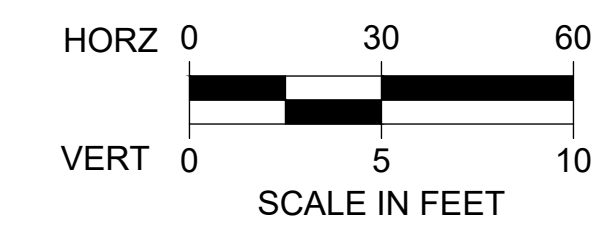
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

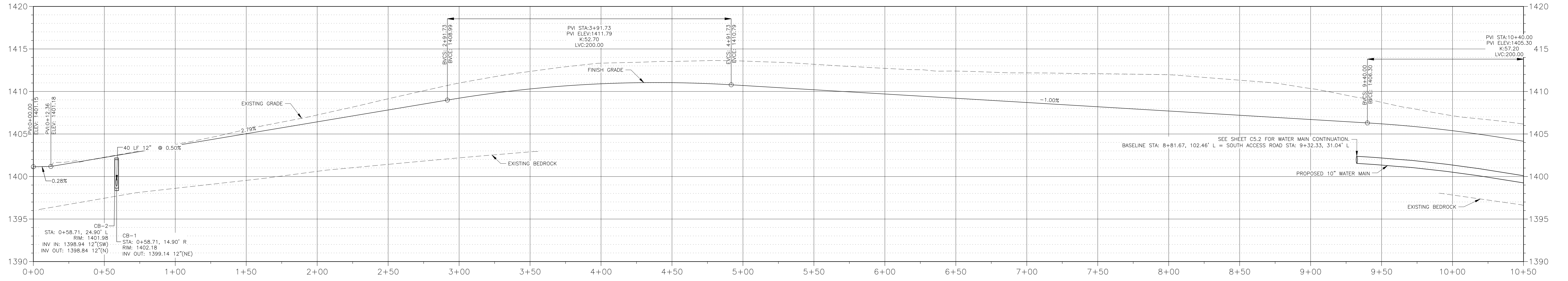
DRAWING NO.:

C3.8

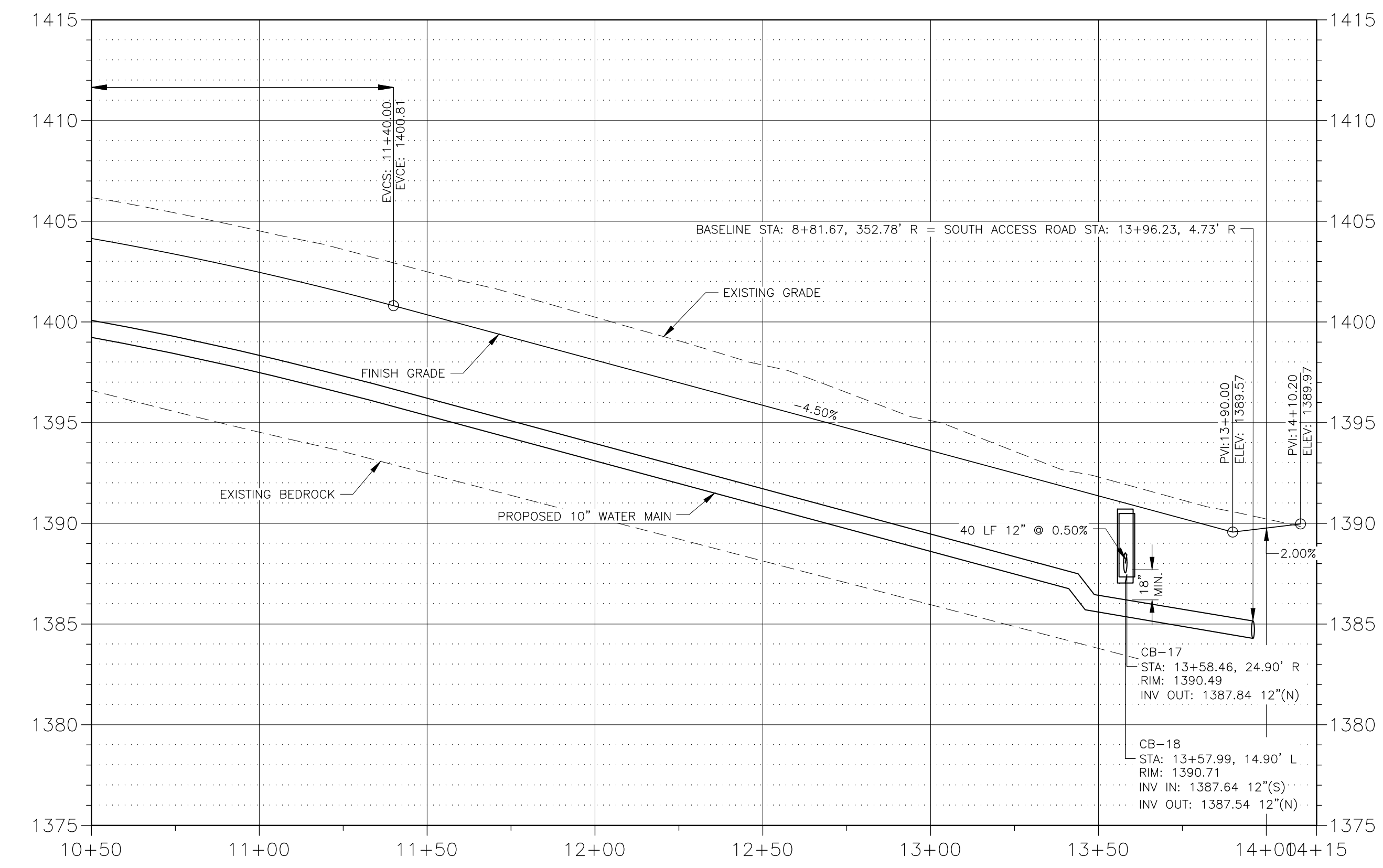
FOOTING AND ROOF
DRAIN PLAN



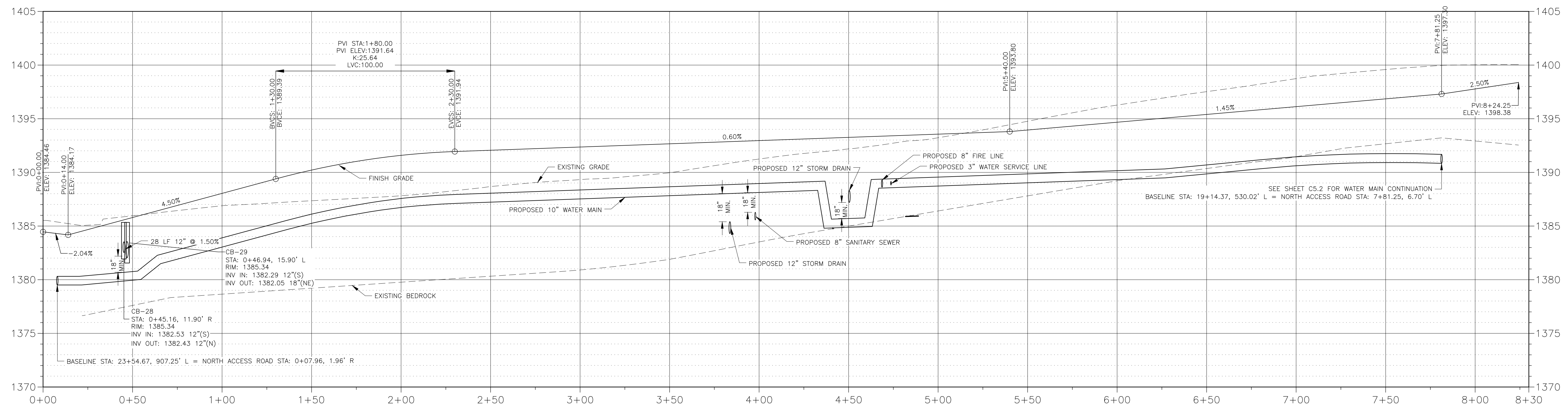
SOUTH ACCESS ROAD PROFILE
0+00 TO 10+50

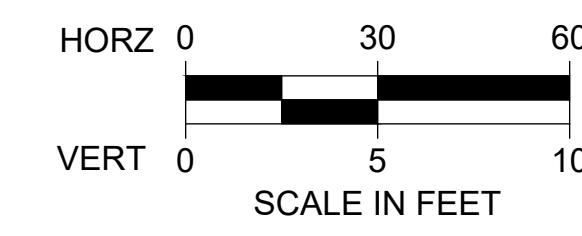


SOUTH ACCESS ROAD PROFILE
10+50 TO 14+15

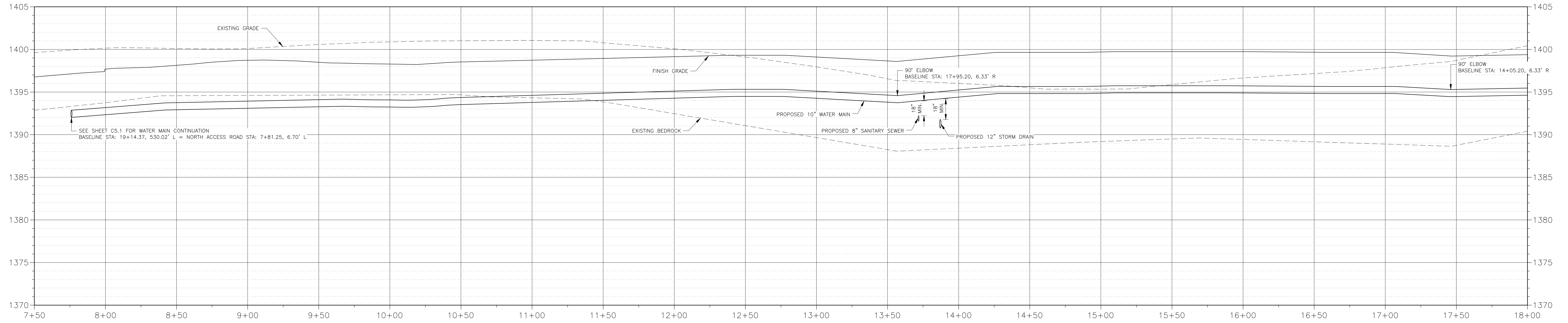


NORTH ACCESS ROAD PROFILE
0+00 TO 8+30

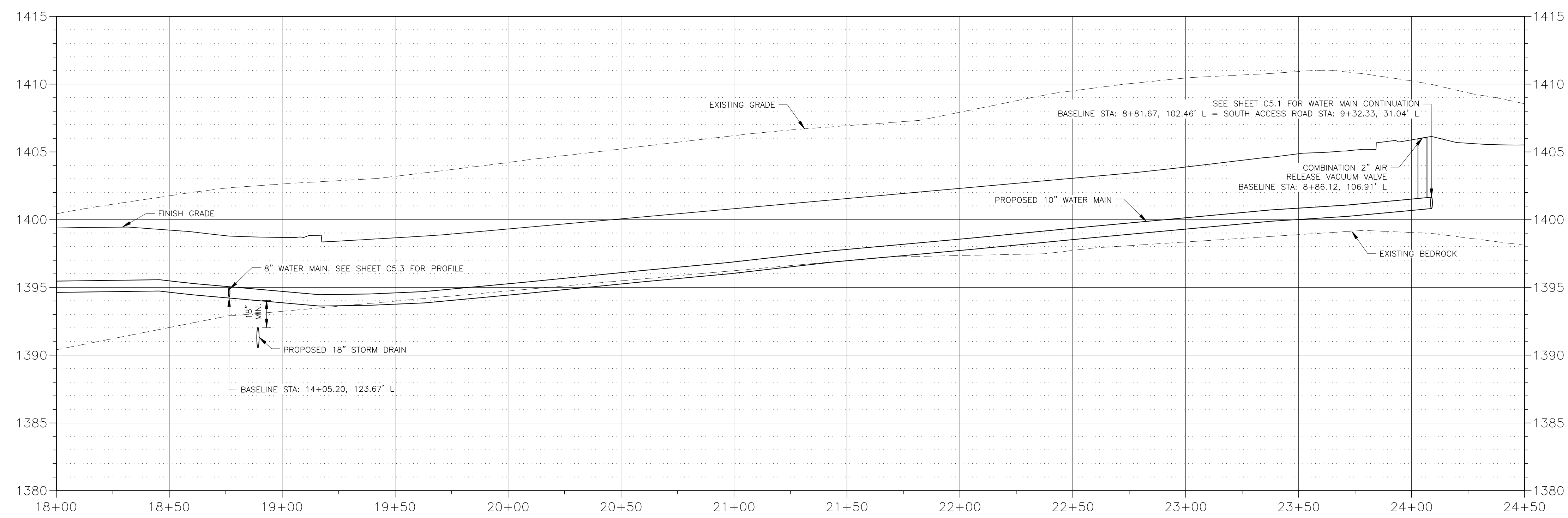


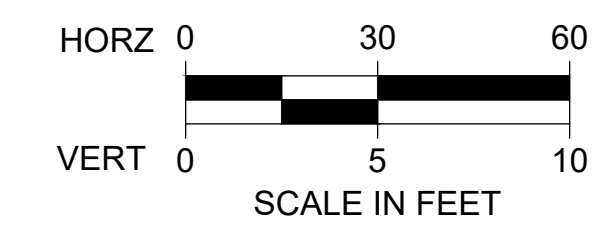


WATER MAIN PROFILE
7+50 TO 18+00

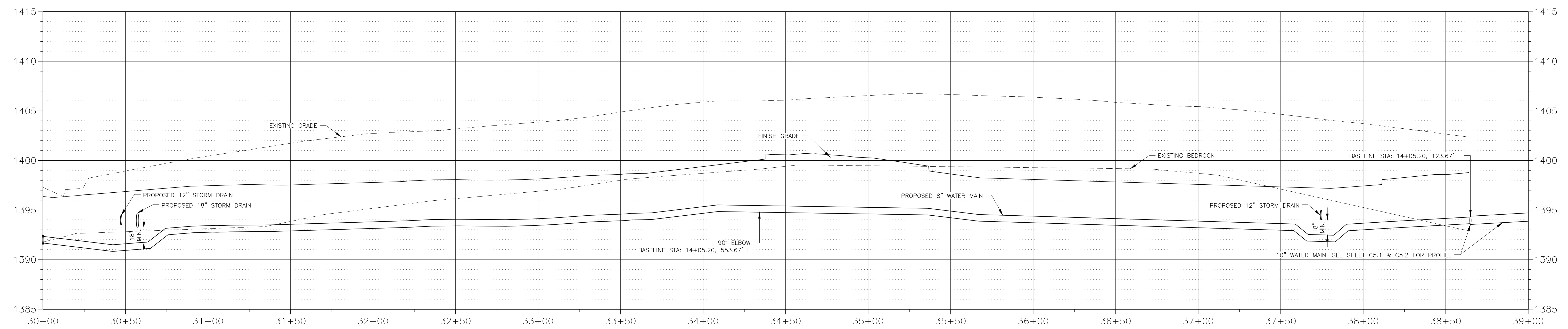


WATER MAIN PROFILE
18+00 TO 24+50





WEST WATER MAIN PROFILE
30+00 TO 39+00



Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

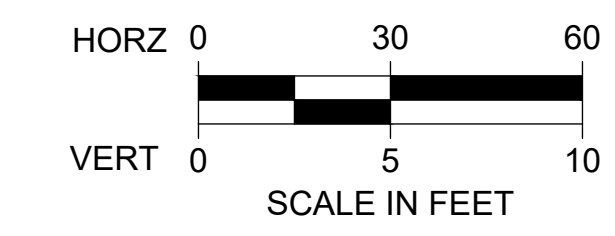
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

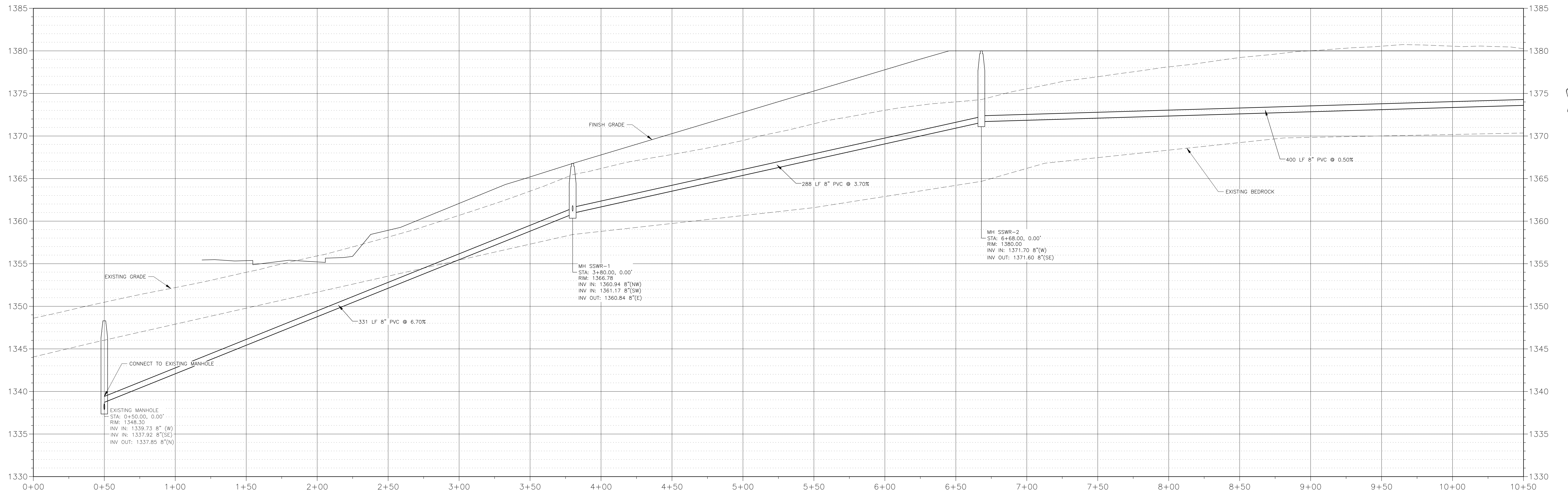
DRAWING NO.:

C5.3

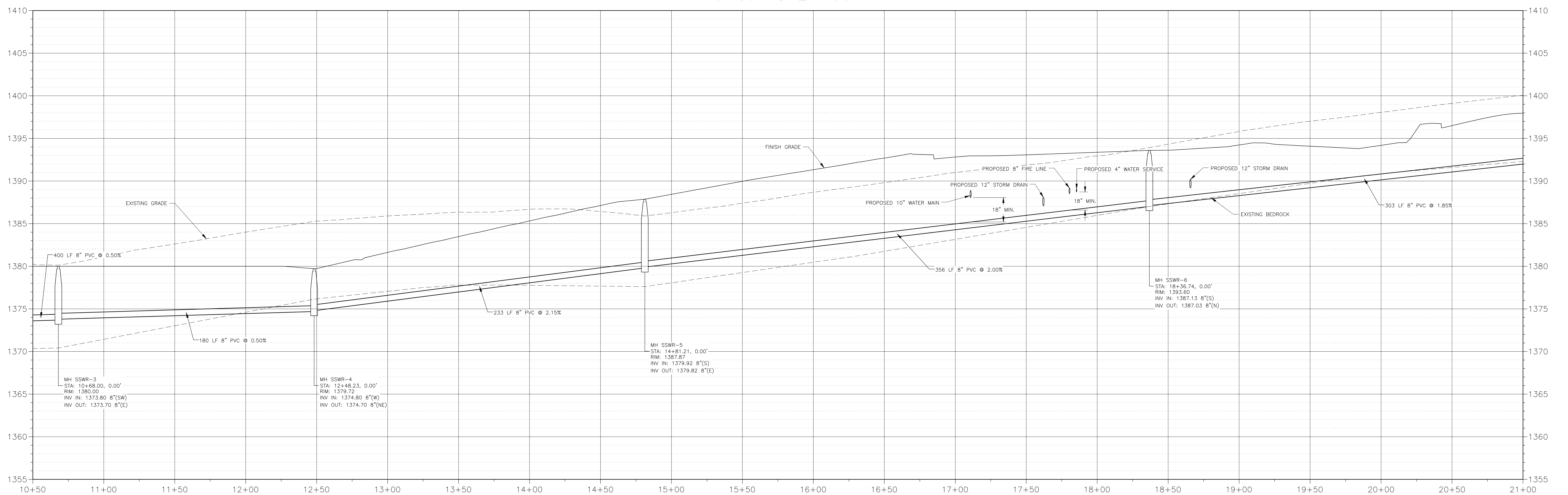
WATER MAIN PROFILES

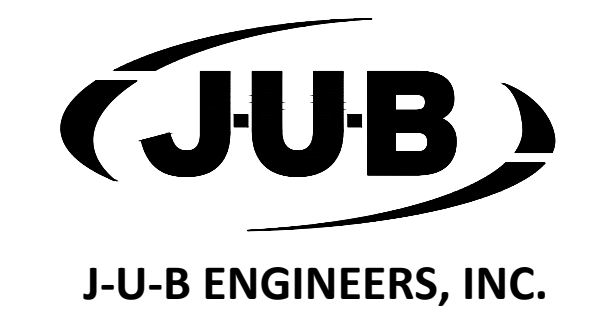
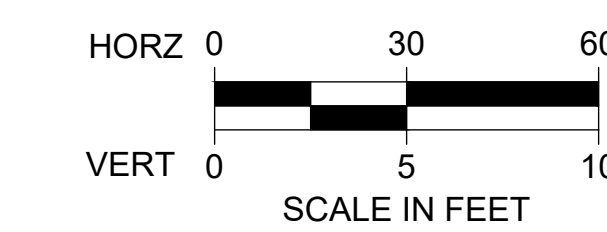


SANITARY SEWER MAIN PROFILE
0+00 TO 10+50

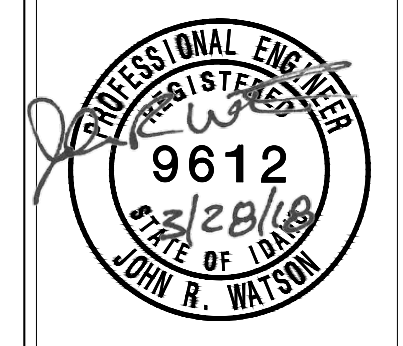


SANITARY SEWER MAIN PROFILE
10+50 TO 21+00

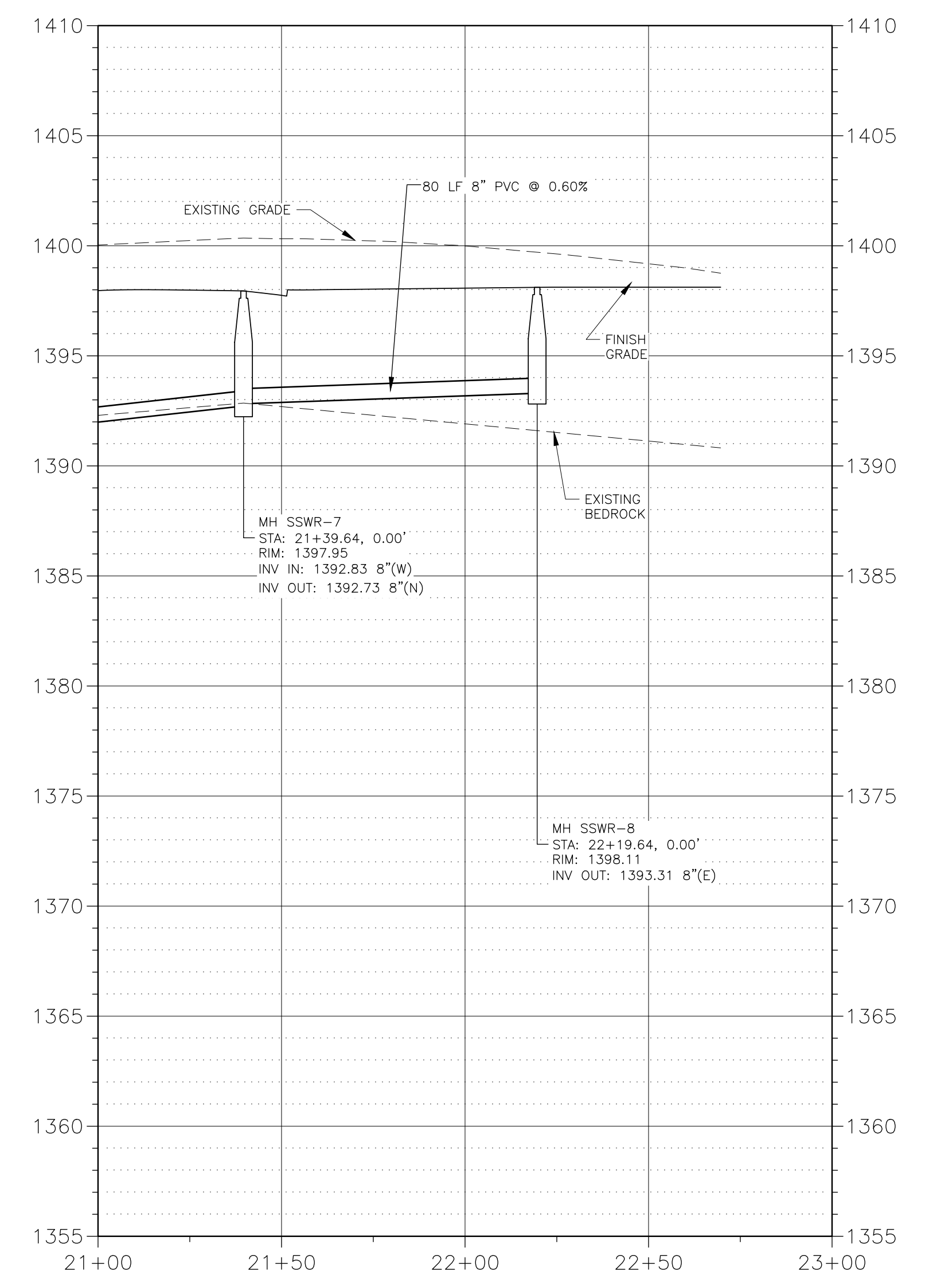




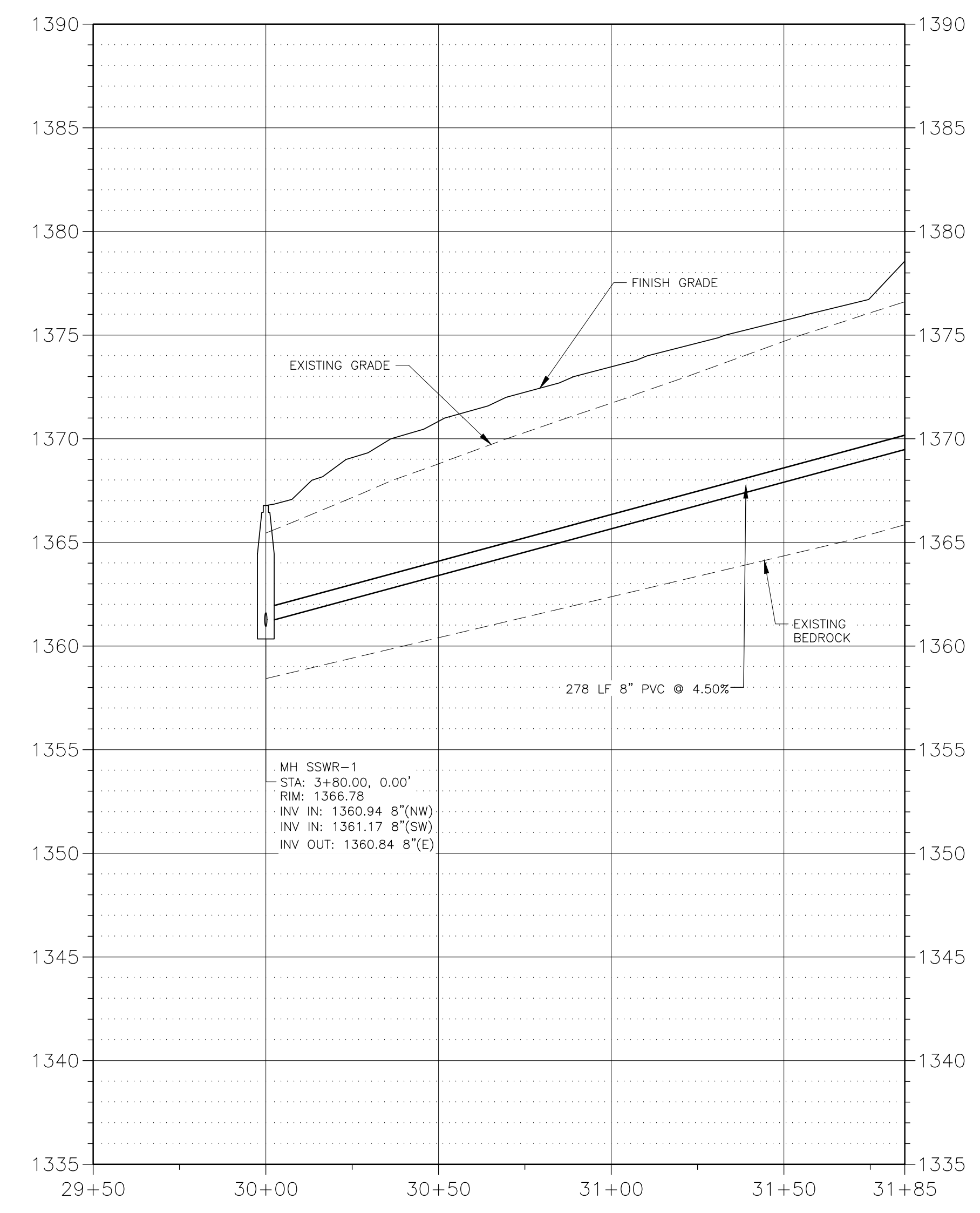
LKV
ARCHITECTS
2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443



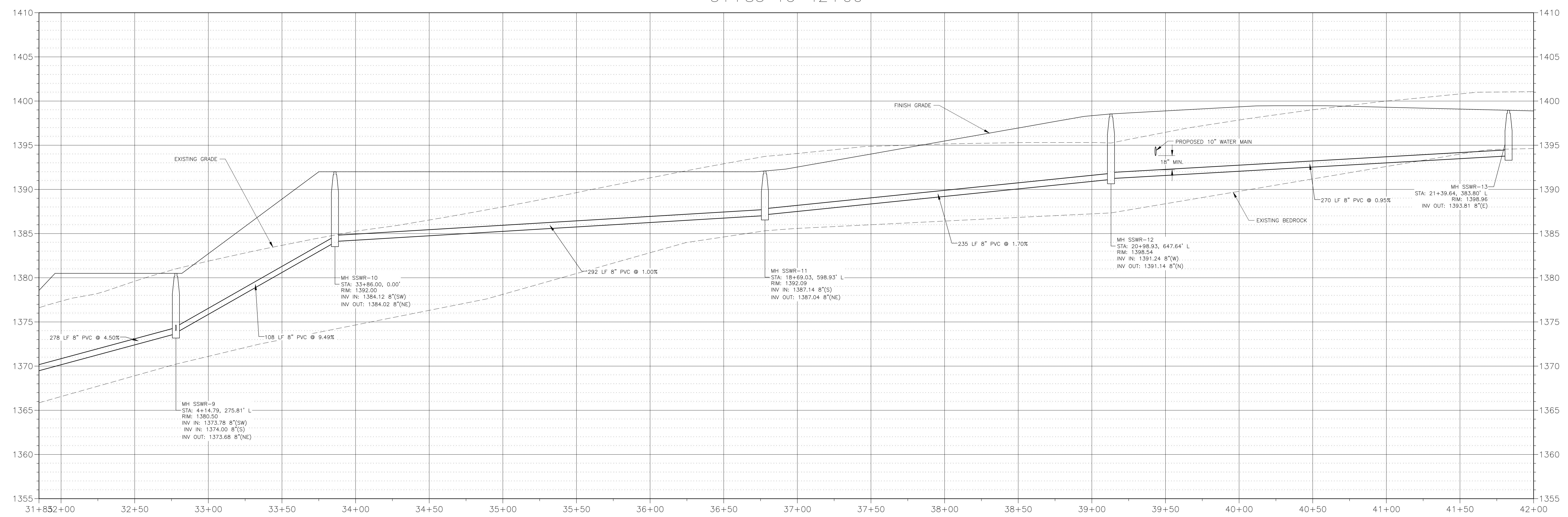
SANITARY SEWER MAIN PROFILE
21+00 TO 23+00



SANITARY SEWER SPUR PROFILE
29+50 TO 31+85



SANITARY SEWER SPUR PROFILE
31+85 TO 42+00



Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:

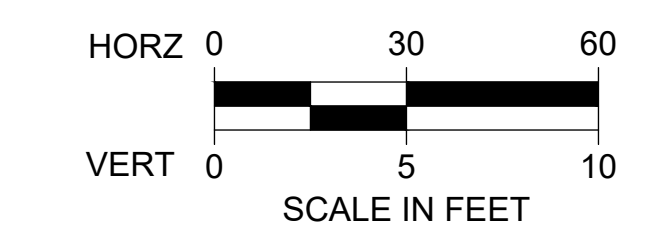
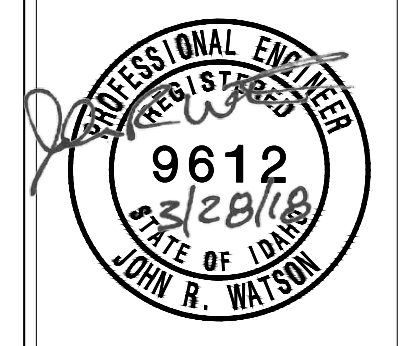
C5.5
SANITARY SEWER PROFILES



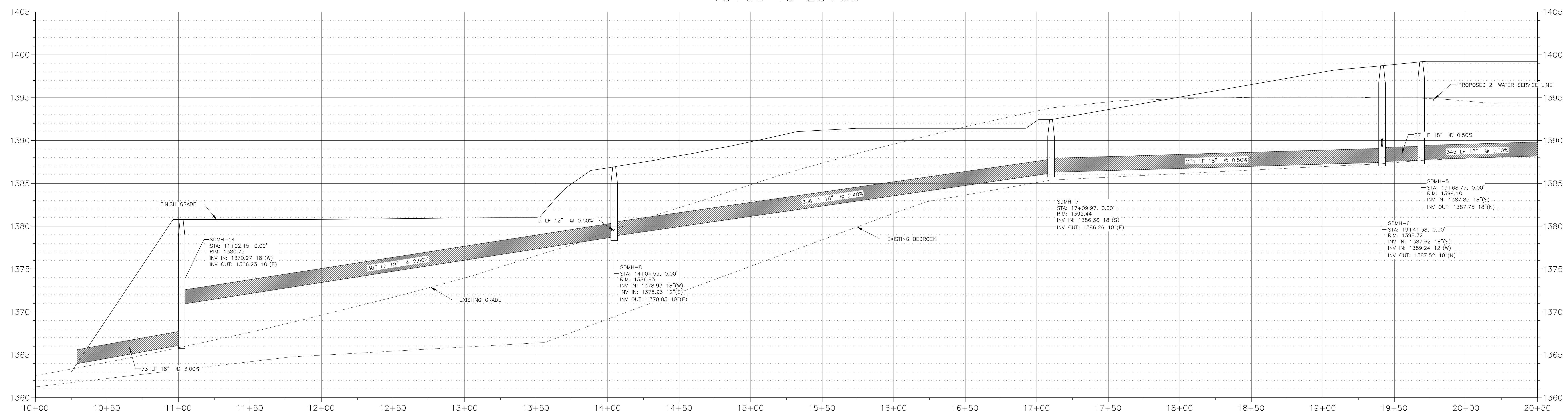
J-U-B ENGINEERS, INC.



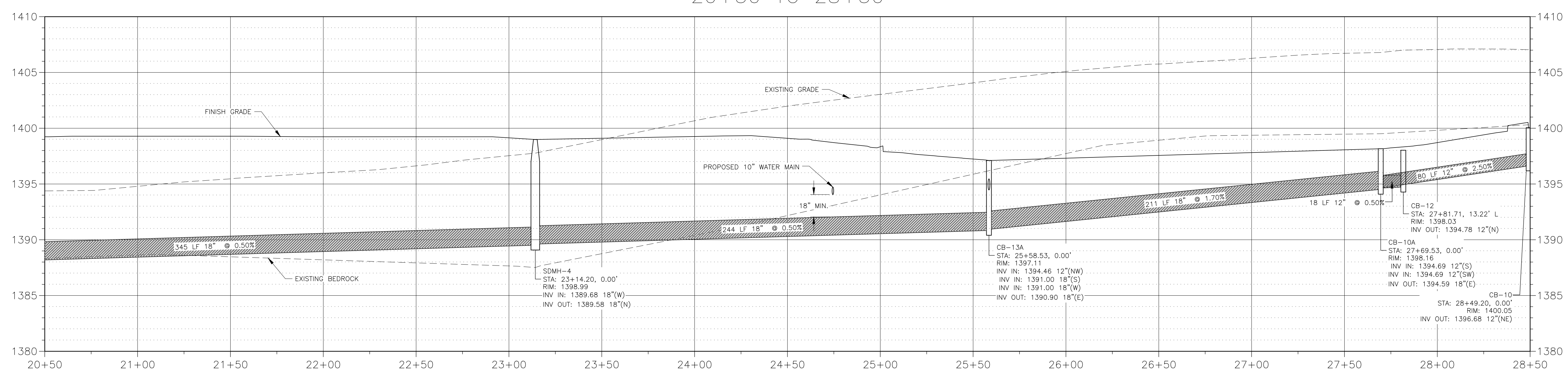
2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443



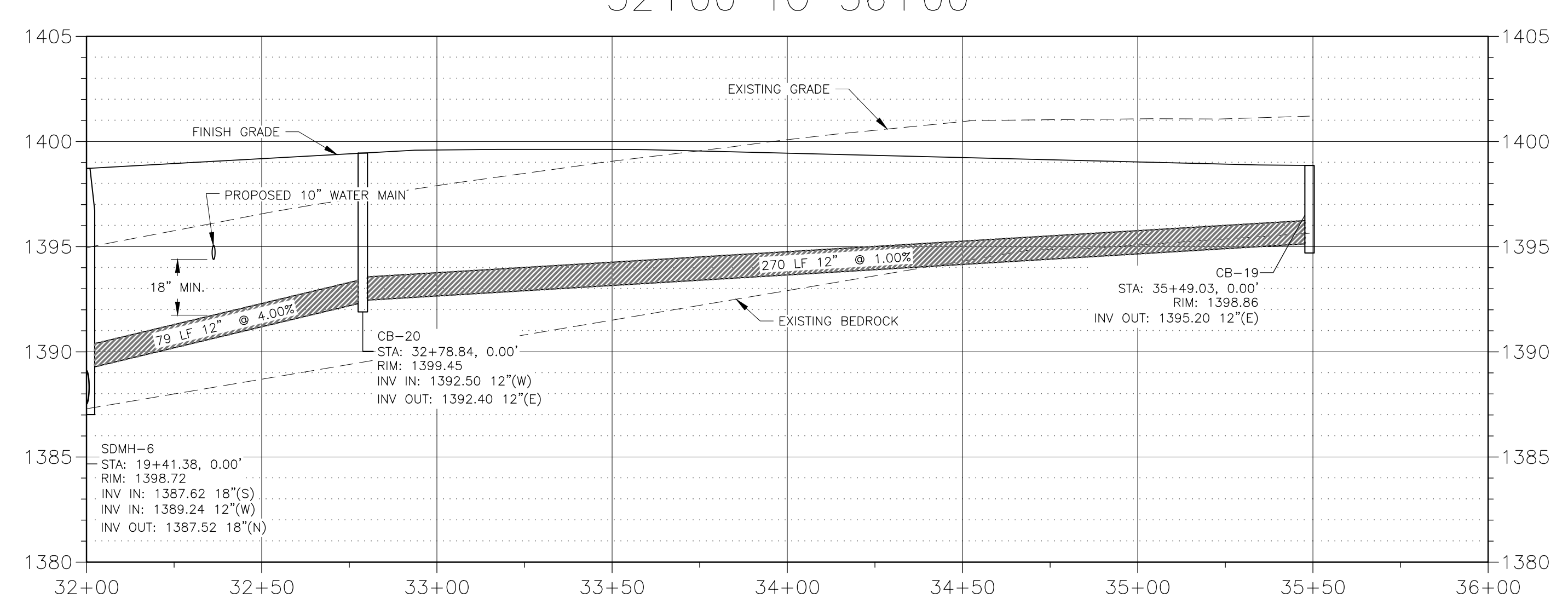
EAST MAIN PROFILE 10+00 TO 20+50



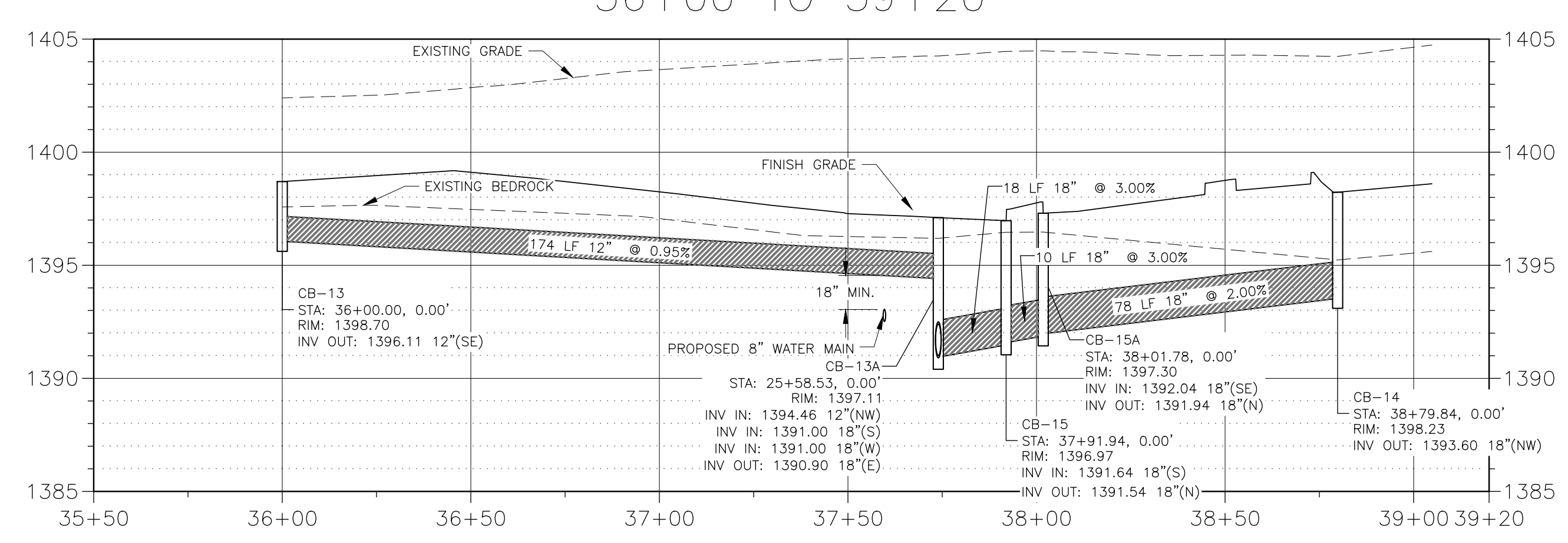
EAST MAIN PROFILE 20+50 TO 28+50



EAST MAIN SPUR 1 PROFILE 32+00 TO 36+00



EAST MAIN SPUR 2 PROFILE 36+00 TO 39+20



Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT#: 1510
REVISIONS:

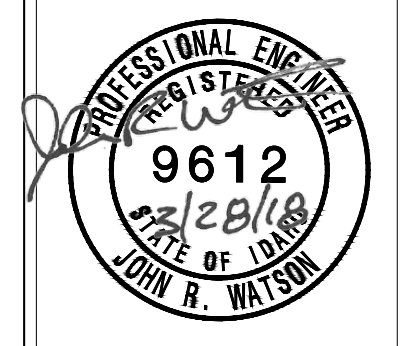
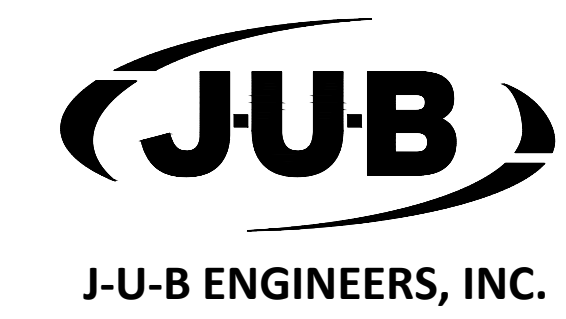
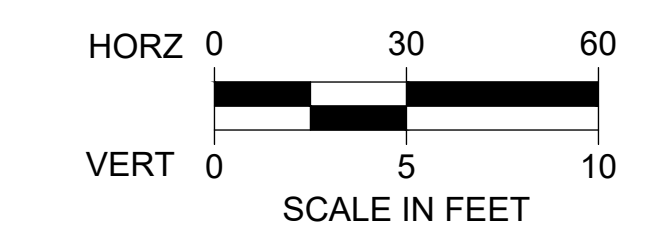
DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

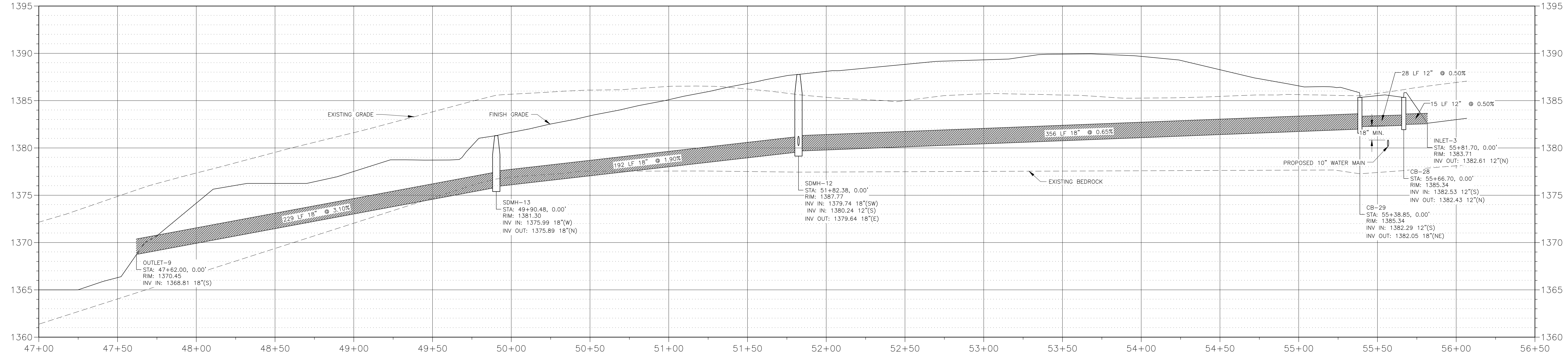
DRAWING NO.:

C5.6

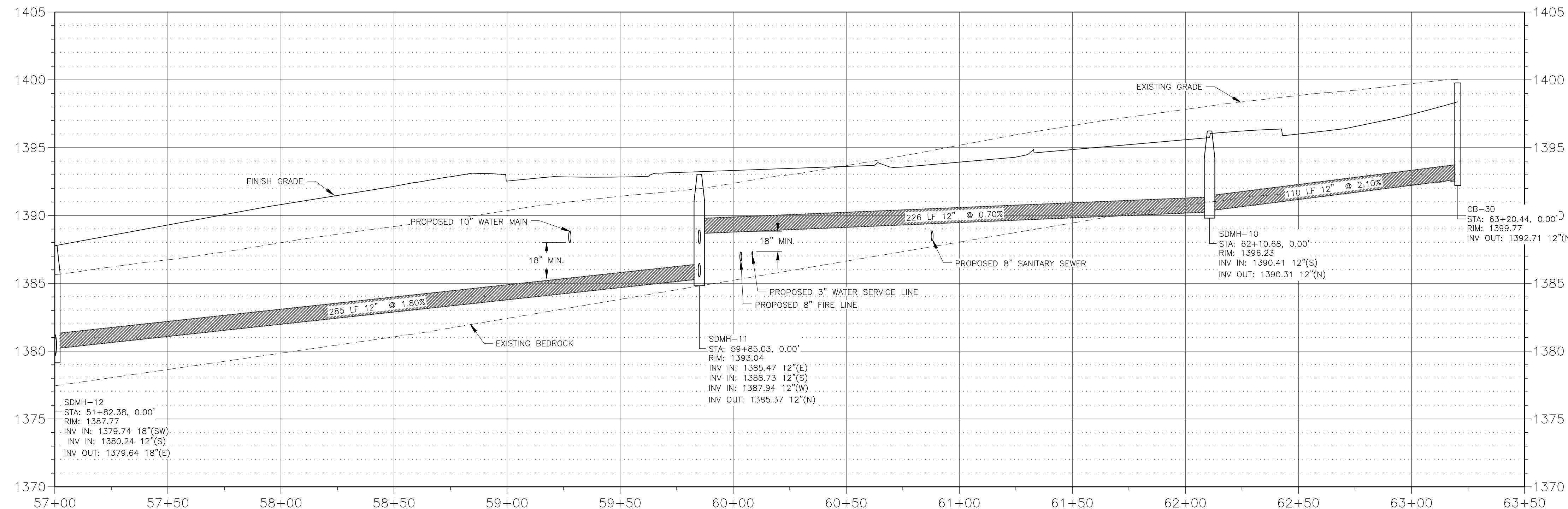
STORM LATERAL PROFILES



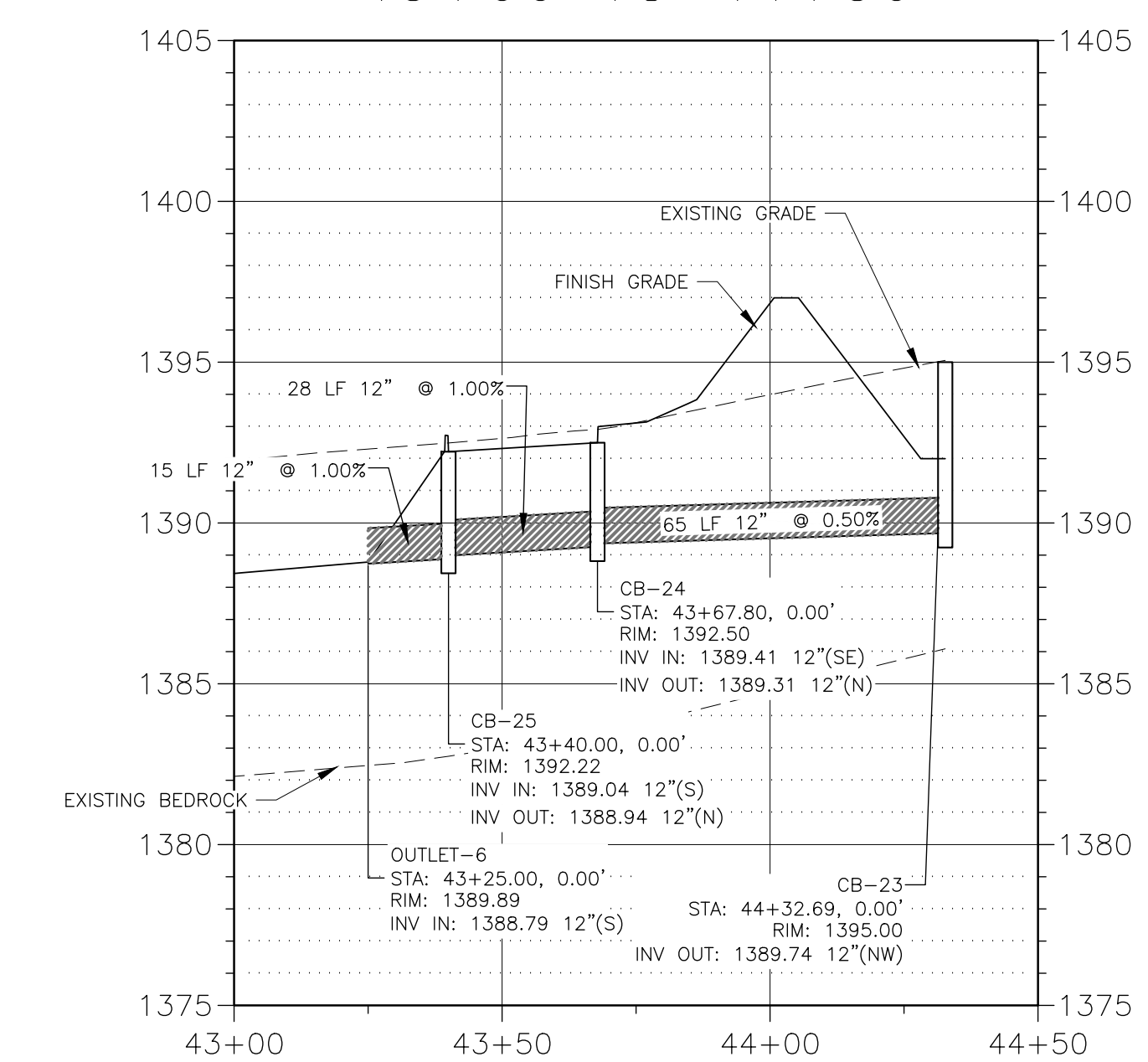
WEST MAIN PROFILE 47+00 TO 56+50



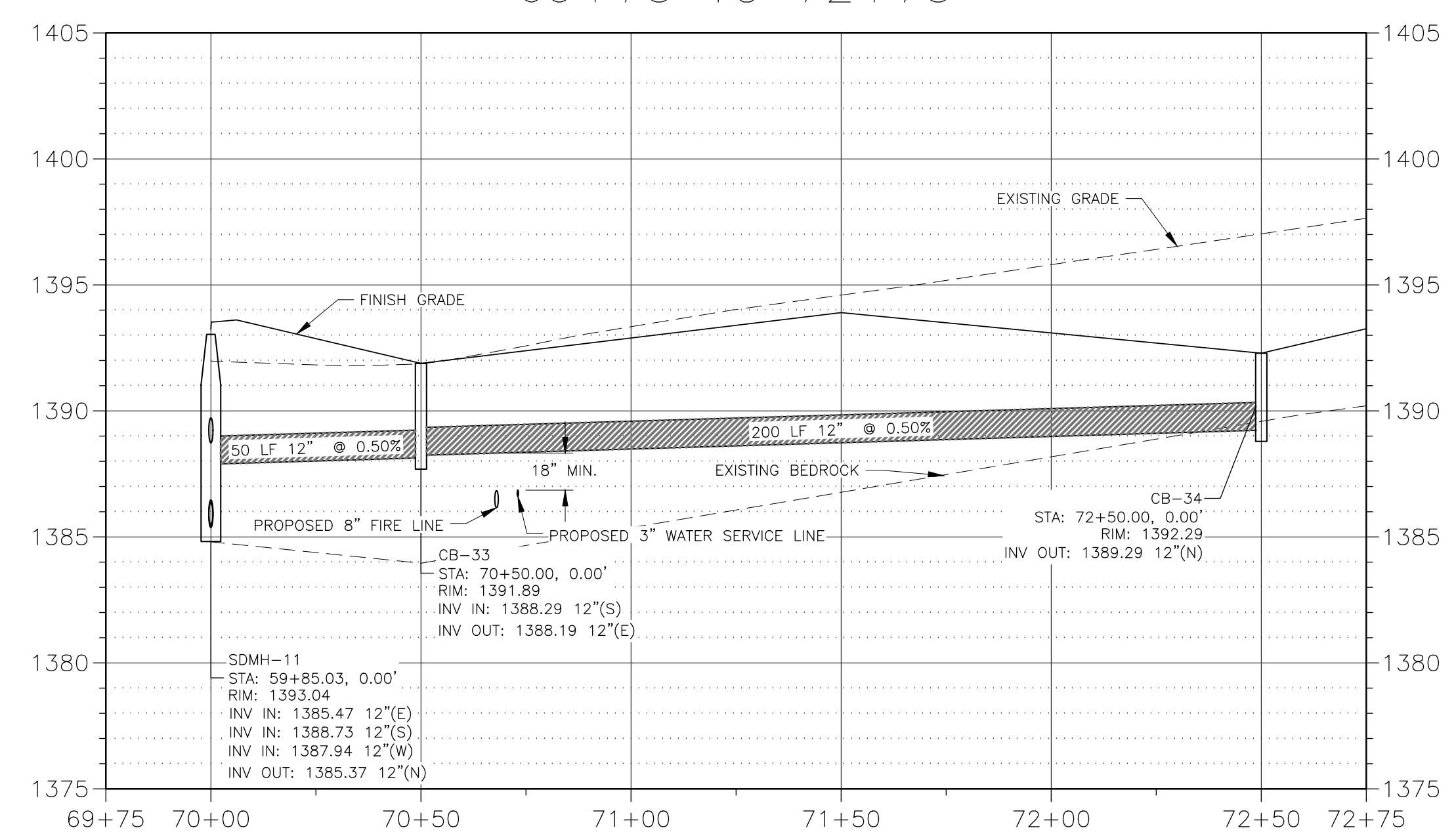
WEST MAIN SPUR 1 PROFILE 57+00 TO 63+50



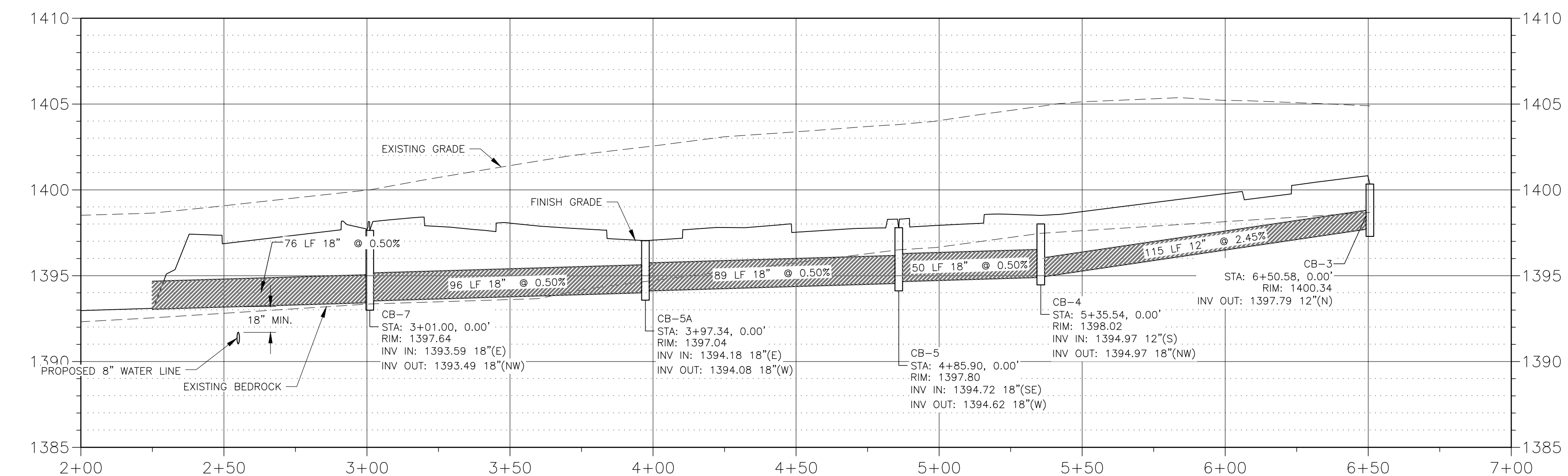
ACCESS SW CTEC PROFILE 43+00 TO 44+50



CTEC EAST LOT SPUR PROFILE 69+75 TO 72+75



WEST PARKING MAIN PROFILE 2+00 TO 7+00



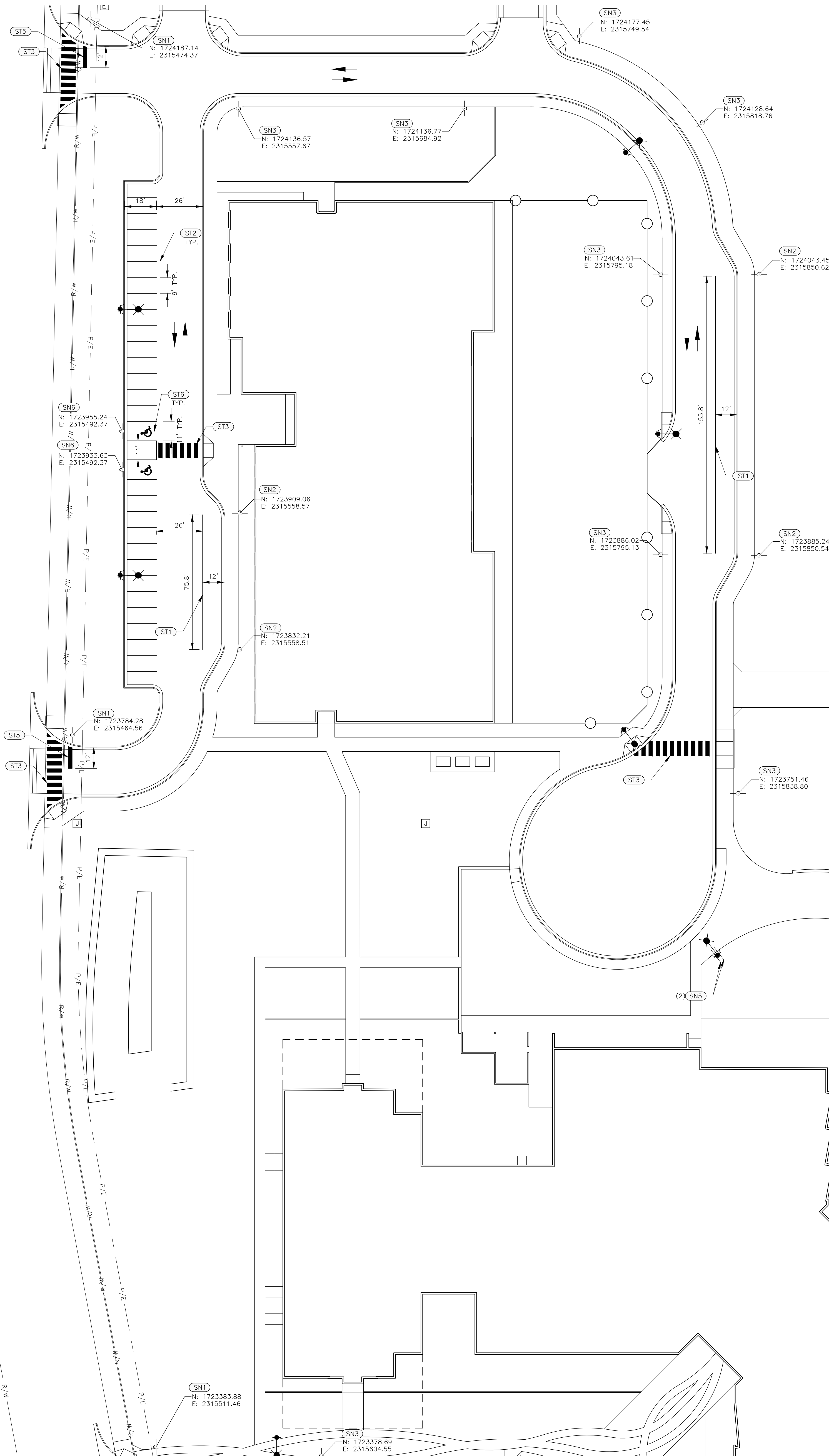
Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW

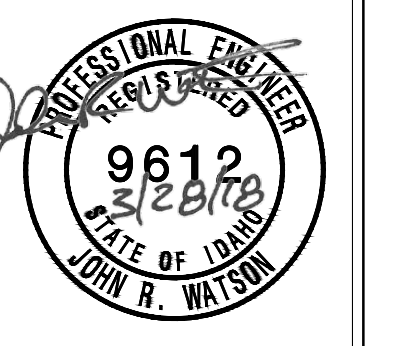
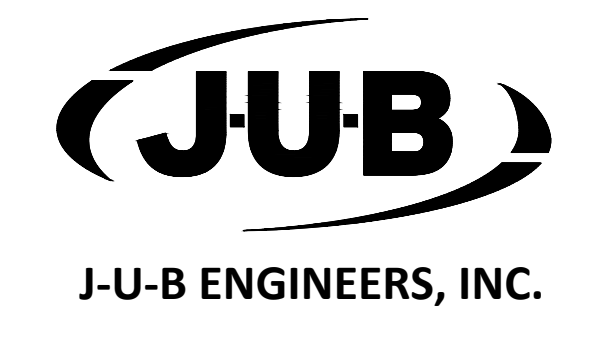
AGENCY REVIEW

DRAWING NO.:
C5.7
STORM LATERAL PROFILES



- GENERAL NOTES:**
1. ALL STRIPING AND PAVEMENT MARKINGS TO BE PER CITY OF LEWISTON ADOPTED STANDARDS.
 2. ALL SIGNS AND SIGN INSTALLATION SHALL CONFORM TO M.U.T.C.D. REQUIREMENTS AND ISPCW DIVISION 1100 - TRAFFIC.
 3. LANE WIDTHS MEASURED FROM FACE OF CURB.
 4. CONTRACTOR SHALL VERIFY STREET NAMES PRIOR TO ORDERING SIGNS.
 5. ALL STREET SIGNS REMOVED SHOULD BE RETURNED TO THE CITY STREET DEPARTMENT.

- KEYED NOTES**
- SIGNAGE**
- (SN1) STOP SIGN (R1-1) 11 CR2
 - (SN2) BUS PARKING ONLY SIGN 11 CR2
 - (SN3) NO PARKING ANY TIME (R7-1) 11 CR3
 - (SN4) NO PARKING LOADING ZONE (R7-6) 11 CR2
 - (SN5) NO PARKING FIRE LANE SIGN PER 2009 IFC (INTERNATIONAL FIRE CODE) MOUNTED ON STREET LIGHT 11 CR2
 - (SN6) HANDICAP PARKING SIGN 10 CR2
 - (SN7) NO PARKING ANY TIME (R7-1) MOUNTED ON STREET LIGHT
- STRIPING**
- (ST1) 8" SOLID WHITE LINE
 - (ST2) 4" SOLID WHITE LINE
 - (ST3) PAINTED CROSSWALK 7 CR2
 - (ST4) TURN LANE-USE ARROW PER MUTCD 2009 FIGURE 3B-24. B.
 - (ST5) STOP LINE PER MUTCD 2009 3B.16
 - (ST6) PAINTED HANDICAP ACCESSIBLE SYMBOL 8 CR2
 - (ST7) 4" SOLID DOUBLE YELLOW LANE LINE

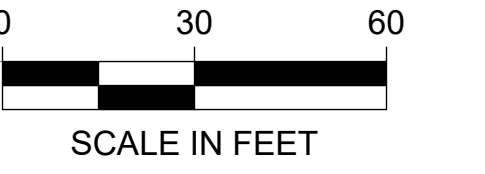


Lewiston High School
 Independent School District No. 1
 LEWISTON, IDAHO

DATE: 3/27/2018
 LKV PROJECT #: 1510
 REVISIONS:
 DRAWN BY: WDR
 CHECKED BY: JRW
 AGENCY REVIEW
 DRAWING NO.:
C6.1
 SIGNING AND STRIPING PLAN



J-U-B ENGINEERS, INC.

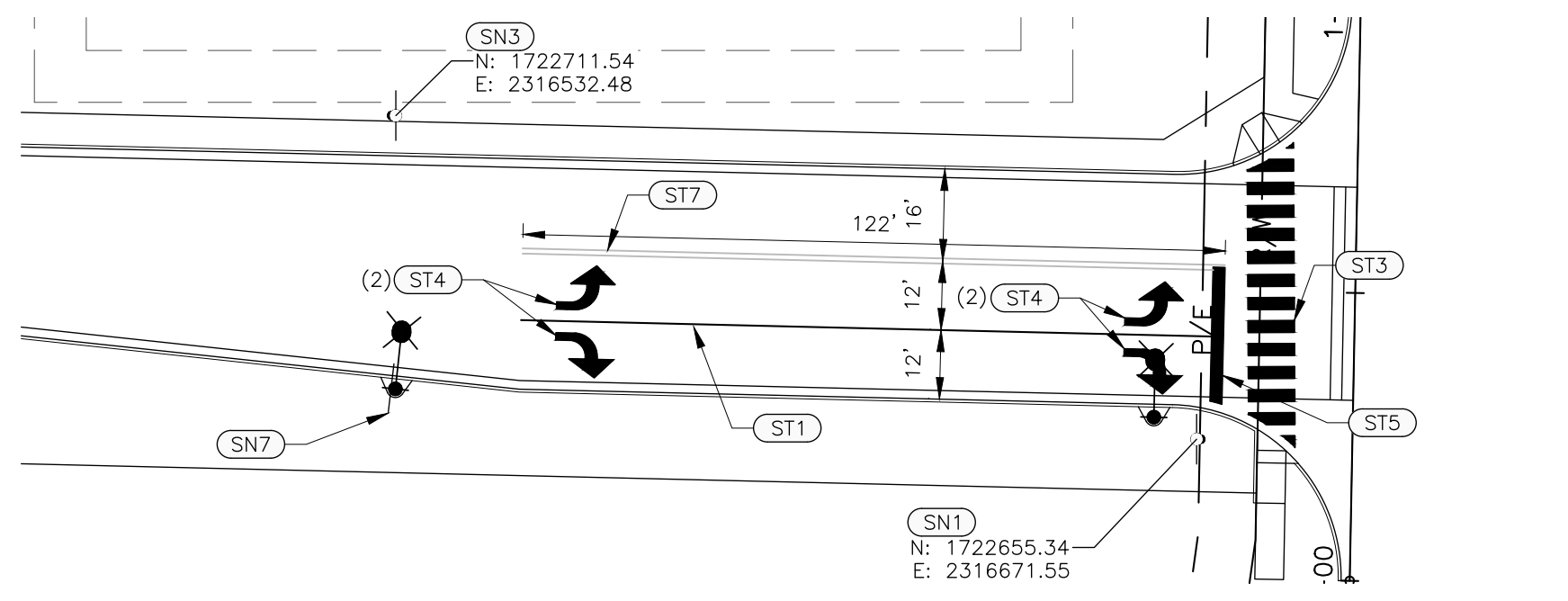
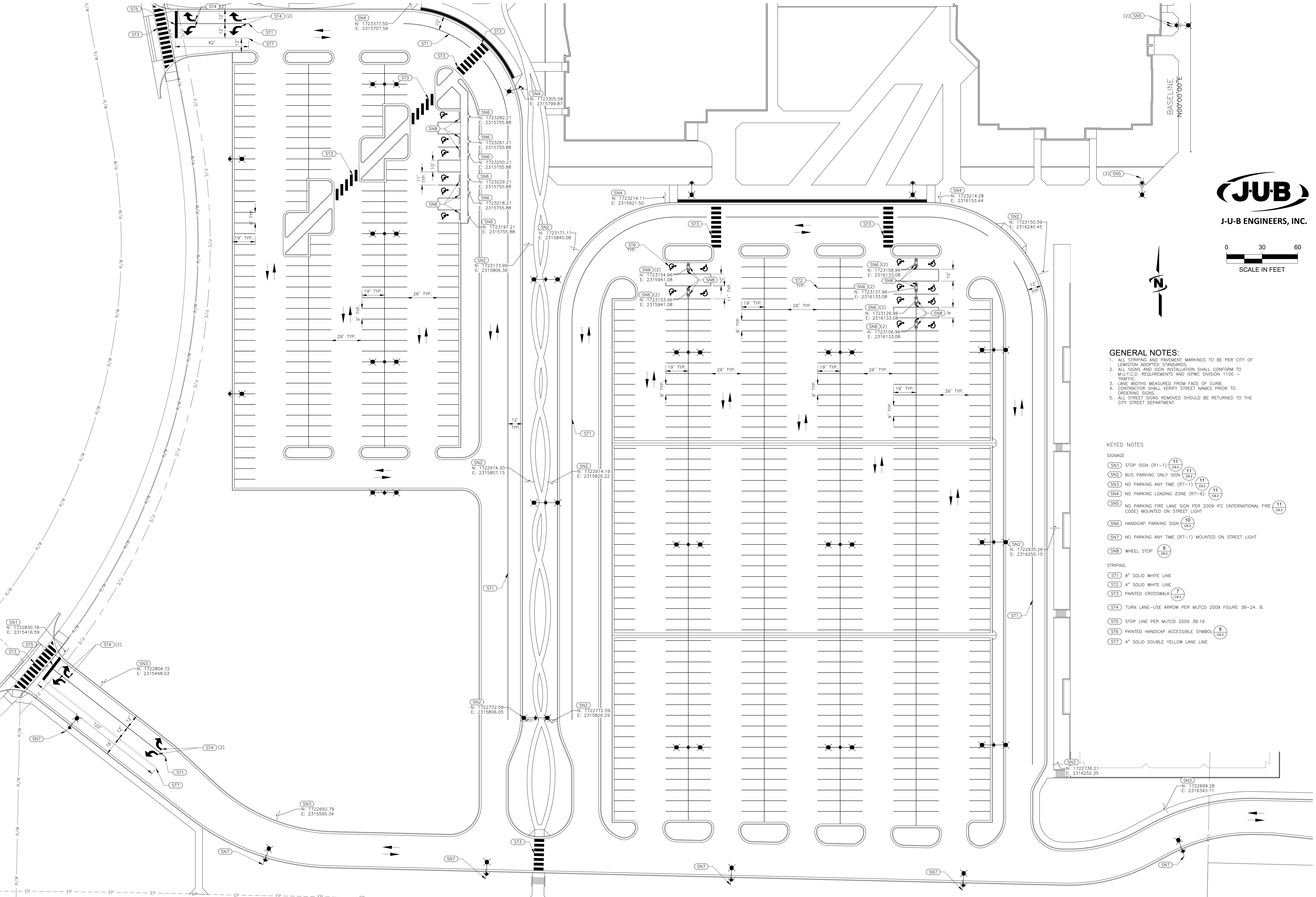


GENERAL NOTES:

1. ALL STRIPING AND PAVEMENT MARKINGS TO BE PER CITY OF LEWISTON ADOPTED STANDARDS.
2. ALL SIGNS AND SIGN INSTALLATION SHALL CONFORM TO MULTIC.O. REQUIREMENTS AND ISPCW DIVISION 1100 - TRAFFIC.
3. LANE WIDTHS MEASURED FROM FACE OF CURB.
4. CONTRACTOR SHALL VERIFY STREET NAMES PRIOR TO ORDERING SIGNS.
5. ALL STREET SIGNS REMOVED SHOULD BE RETURNED TO THE CITY STREET DEPARTMENT.

KEYED NOTES

- SIGNAGE**
- (SN1) STOP SIGN (R1-1)
 - (SN2) BUS PARKING ONLY SIGN
 - (SN3) NO PARKING ANY TIME (R7-1)
 - (SN4) NO PARKING LOADING ZONE (R7-6)
 - (SN5) NO PARKING FIRE LANE SIGN PER 2009 IFC (INTERNATIONAL FIRE CODE) MOUNTED ON STREET LIGHT
 - (SN6) HANDICAP PARKING SIGN
 - (SN7) NO PARKING ANY TIME (R7-1) MOUNTED ON STREET LIGHT
 - (SN8) WHEEL STOP
- STRIPING**
- (ST1) 8" SOLID WHITE LINE
 - (ST2) 4" SOLID WHITE LINE
 - (ST3) PAINTED CROSSWALK
 - (ST4) TURN LANE-USE ARROW PER MUTCD 2009 FIGURE 3B-24. B.
 - (ST5) STOP LINE PER MUTCD 2009 3B-16
 - (ST6) PAINTED HANDICAP ACCESSIBLE SYMBOL
 - (ST7) 4" SOLID DOUBLE YELLOW LANE LINE



Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT #: 1510
REVISIONS:

DRAWN BY: WDR
CHECKED BY: JRW

AGENCY REVIEW

DRAWING NO.:

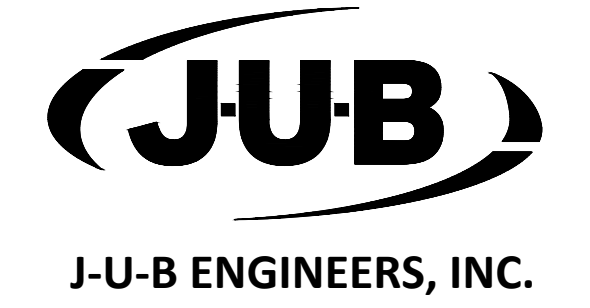
C6.2

SIGNING AND STRIPING PLAN

EROSION AND SEDIMENT CONTROL NOTES

1. THE EROSION CONTROL AND SEDIMENT SYSTEM SHALL BE INSTALLED PRIOR TO CONSTRUCTION.
2. ALL CLEARING LIMITS AND/OR EASEMENTS, SENSITIVE/CRITICAL AREAS AND THEIR BUFFERS, SIGNIFICANT TREES AND DRAINAGE COURSES SHALL BE CLEARLY STAKED AND MARKED AS SHOWN ON PLANS.
3. PROPERTIES ADJACENT TO THE PROJECT SITE THAT ARE SUBJECT TO POTENTIAL EROSION CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION THROUGH THE USE OF SILT FENCE, WATTLES, OR OTHER BMP SELECTED BY THE CONTRACTOR.
4. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE COVERED WITH FILTER FABRIC TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM. THE FILTER FABRIC SHALL BE INSPECTED REGULARLY AND CLEANED WHEN NECESSARY.
5. WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED ROADS, A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED TO MINIMIZE THE TRANSPORT OF SEDIMENT ONTO THE PAVED ROAD. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. A MINIMUM OF ONE (1) ON-SITE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
7. ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM WATER OR THE SITE.
8. ALL EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED, MAINTAINED, AND REPAIRED BY THE CONTRACTOR AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED USE.
9. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO SILT FENCING, SEDIMENT PONDS/TRAPS, DIVERSIONS SWALES, CHECK DAMS, SEDIMENT BARRIERS, FILTER FABRIC, MULCH, AND SEEDING, AS CONDITIONS MAY REQUIRE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER.
10. THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT-LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE. FAILURE BY THE CONTRACTOR AND/OR OWNER CAN RESULT IN A FINE.
11. AT NO TIME SHALL CONCRETE, CONCRETE BY-PRODUCTS, VEHICLE FLUIDS, PAINT, CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE.
12. AT ALL TIMES OF THE YEAR, THE CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS, EQUIPMENT AND LABOR ON-SITE TO STABILIZE AND PREVENT EROSION FROM ALL DENUDE AREAS WITHIN 12-HOURS AS SITE AND WEATHER CONDITIONS DICTATE. CONTRACTOR SHALL PROVIDE DUST CONTROL, AS NECESSARY, TO BE COMPLIANT WITH ALL LOCAL AND STATE CLEAN AIR/DUST CONTROL POLICIES. THE SPRAYING OF WATER OR HYDRO-MULCHING ON DRY AREAS SHALL BE USED TO CONTROL DUST. CONTRACTOR SHALL SUPPLY ALL THE NECESSARY WATER FOR DUST CONTROL.
13. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL ADJACENT PROPERTIES TO THEIR ORIGINAL CONDITION DUE TO ANY CONSTRUCTION RELATED ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
14. NONCOMPLIANCE WITH EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS AND PLAN APPROVAL AND BOND FORECLOSURES.

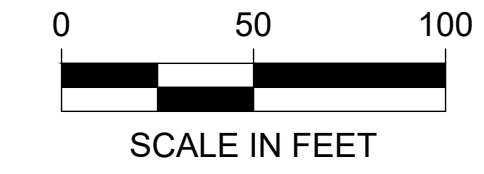
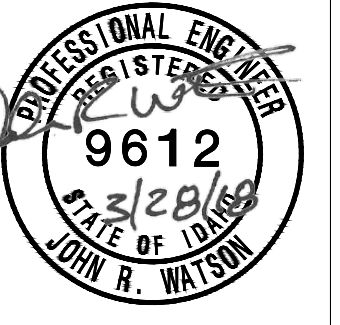
15. PRIOR TO ANY SITE CONSTRUCTION, INCLUDING CLEARING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR OR PROJECT ENGINEER AS REQUIRED BY THESE PLANS.
16. ALL SITE WORK MUST BE PERFORMED IN ACCORDANCE WITH CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.
17. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY MULCHING. HYDROSEEDING IS PREFERRED.
18. PRIOR TO ANY SITE WORK PERTAINING TO DRAINAGE, THE CONTRACTOR SHALL CONTACT THE CITY PUBLIC WORKS DEPARTMENT TO SCHEDULE A PRECONSTRUCTION CONFERENCE.
19. FROM OCTOBER 1 THROUGH APRIL 30, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 7 DAYS. THIS STABILIZATION REQUIREMENT APPLIES TO ALL SOILS ON SITE, WHETHER AT FINAL GRADE OR NOT. THESE TIME LIMITS MAY BE ADJUSTED BY THE LOCAL PERMITTING AUTHORITY IF IT CAN BE SHOWN THAT THE AVERAGE TIME BETWEEN STORM EVENTS JUSTIFIES A DIFFERENT STANDARD.
20. ANY AREA NOT BEING WORKED FOR A MAXIMUM OF 7 DAYS SHALL BE HYDRO-MULCHED WITH TACKIFIER INCLUDING MATERIAL STOCKPILES.
21. CONTRACTOR MAY DESIRE CULVERT CROSSINGS ACROSS SWALES AS NEEDED FOR CONSTRUCTION ACCESS.
22. CONTRACTOR SHALL TRACK WALK FINISHED SLOPES PERPENDICULAR TO THE SLOPE PRIOR TO FINAL SEEDING.



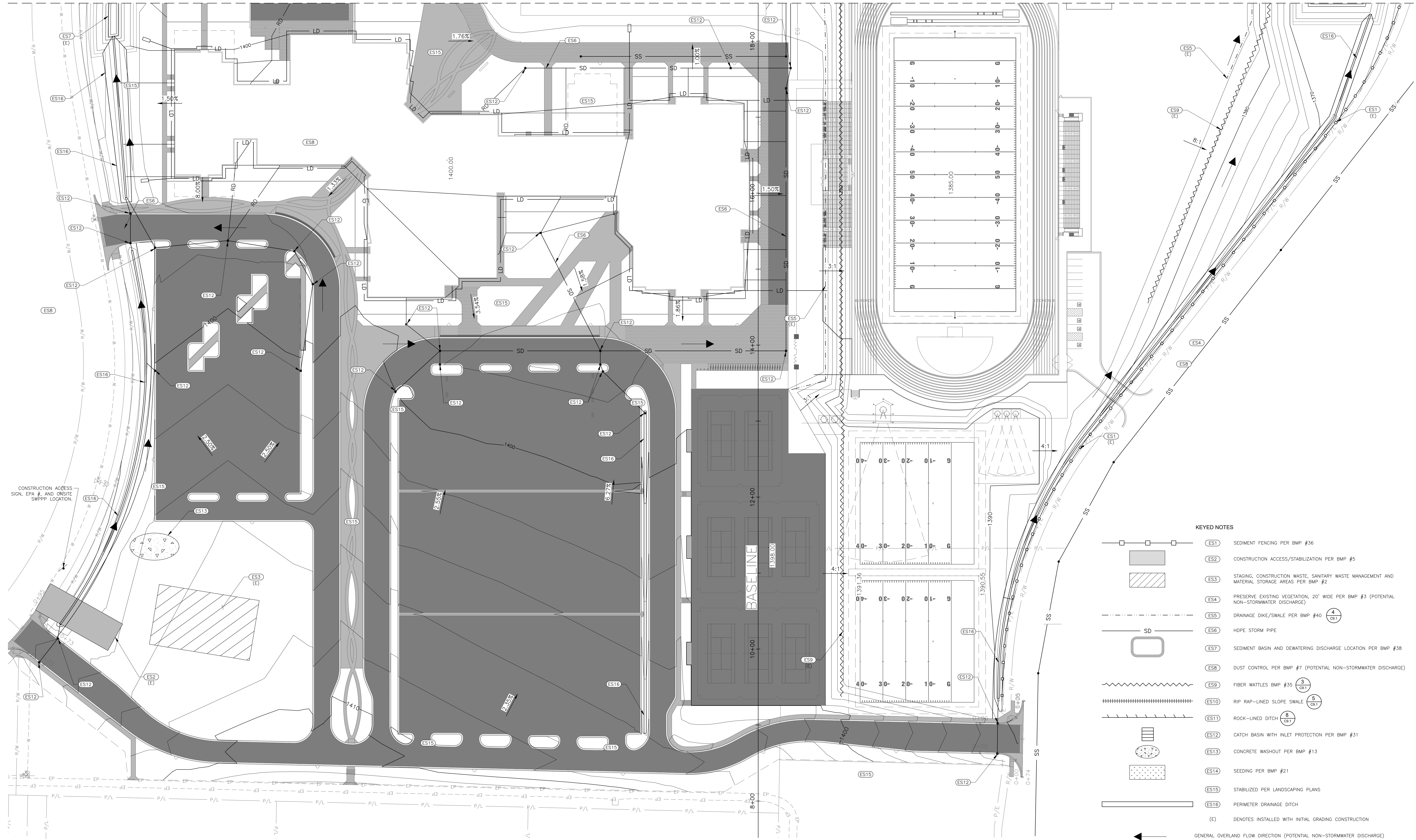
J-U-B ENGINEERS, INC.



2400 E. Riverwalk Drive
Boise, Idaho 83706
www.lkvarchitects.com
208.336.3443



STA. 18+50.00 - NORTH EROSION PLAN - SHEET C8.2



- KEYED NOTES**
- ES1 SEDIMENT FENCING PER BMP #36
 - ES2 CONSTRUCTION ACCESS/STABILIZATION PER BMP #5
 - ES3 STAGING, CONSTRUCTION WASTE, SANITARY WASTE MANAGEMENT AND MATERIAL STORAGE AREAS PER BMP #2
 - ES4 PRESERVE EXISTING VEGETATION, 20' WIDE PER BMP #3 (POTENTIAL NON-STORMWATER DISCHARGE)
 - ES5 DRAINAGE DIKE/SWALE PER BMP #40 (4 CR1)
 - ES6 HDPE STORM PIPE
 - ES7 SEDIMENT BASIN AND DEWATERING DISCHARGE LOCATION PER BMP #38
 - ES8 DUST CONTROL PER BMP #7 (POTENTIAL NON-STORMWATER DISCHARGE)
 - ES9 FIBER WATTLES BMP #35 (3 CR1)
 - ES10 RIP RAP-LINED SLOPE SWALE (5 CR1)
 - ES11 ROCK-LINED DITCH (8 CR1)
 - ES12 CATCH BASIN WITH INLET PROTECTION PER BMP #31
 - ES13 CONCRETE WASHOUT PER BMP #13
 - ES14 SEEDING PER BMP #21
 - ES15 STABILIZED PER LANDSCAPING PLANS
 - ES16 PERIMETER DRAINAGE DITCH
 - (E) DENOTES INSTALLED WITH INITIAL GRADING CONSTRUCTION
- GENERAL OVERLAND FLOW DIRECTION (POTENTIAL NON-STORMWATER DISCHARGE)

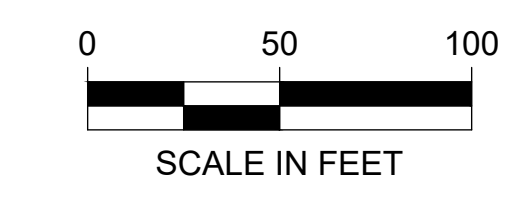
Lewiston High School
Independent School District No. 1
LEWISTON, IDAHO

DATE: 3/27/2018
LKV PROJECT#: 1510
REVISIONS:

DRAWN BY: JWR
CHECKED BY: JRW

AGENCY REVIEW

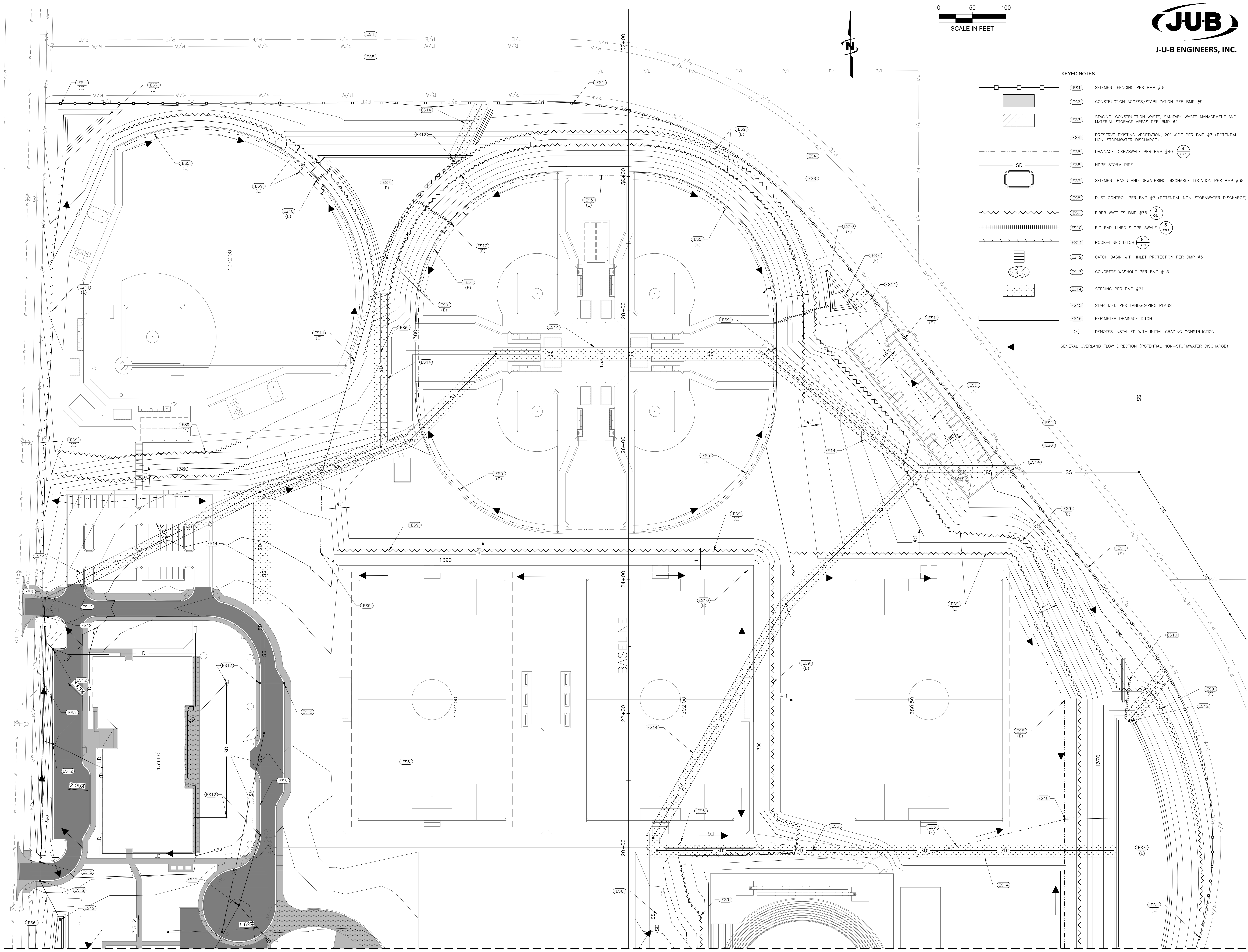
DRAWING NO.:
C8.1
EROSION & SEDIMENT CONTROL PLAN



KEYED NOTES

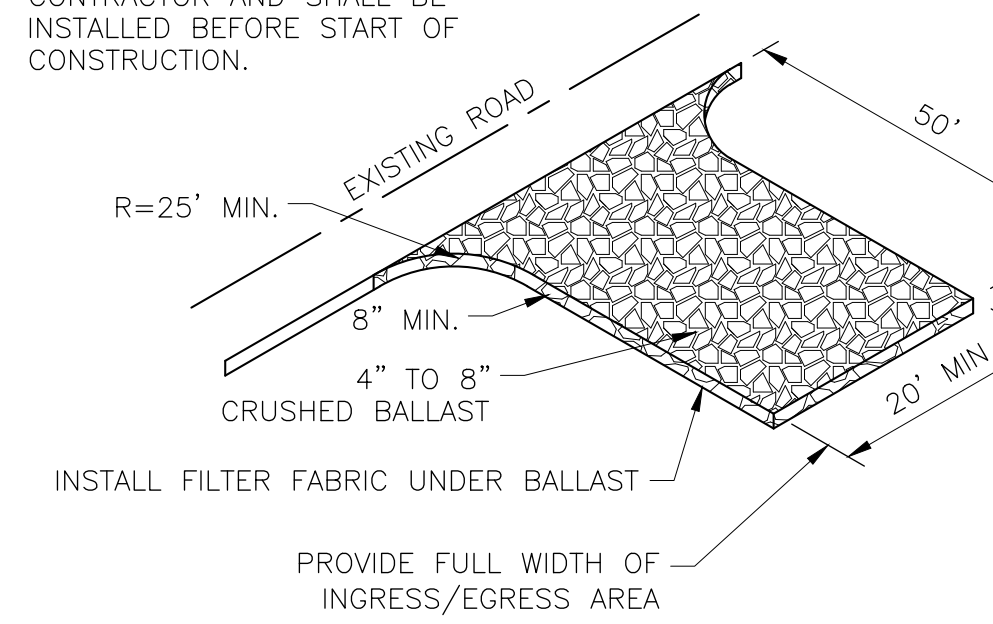
	ES1	SEDIMENT FENCING PER BMP #36
	ES2	CONSTRUCTION ACCESS/STABILIZATION PER BMP #5
	ES3	STAGING, CONSTRUCTION WASTE, SANITARY WASTE MANAGEMENT AND MATERIAL STORAGE AREAS PER BMP #2
	ES4	PRESERVE EXISTING VEGETATION, 20' WIDE PER BMP #3 (POTENTIAL NON-STORMWATER DISCHARGE)
	ES5	DRAINAGE DIKE/SWALE PER BMP #40 (4' CR1)
	ES6	HDPE STORM PIPE
	ES7	SEDIMENT BASIN AND DEWATERING DISCHARGE LOCATION PER BMP #38
	ES8	DUST CONTROL PER BMP #7 (POTENTIAL NON-STORMWATER DISCHARGE)
	ES9	FIBER WATTLES BMP #35 (3' CR1)
	ES10	RIP RAP-LINED SLOPE SWALE (6' CR1)
	ES11	ROCK-LINED DITCH (8' CR1)
	ES12	CATCH BASIN WITH INLET PROTECTION PER BMP #31
	ES13	CONCRETE WASHOUT PER BMP #13
	ES14	SEEDING PER BMP #21
	ES15	STABILIZED PER LANDSCAPER PLANS
	ES16	PERIMETER DRAINAGE DITCH
	(E)	DENOTES INSTALLED WITH INITIAL GRADING CONSTRUCTION

GENERAL OVERLAND FLOW DIRECTION (POTENTIAL NON-STORMWATER DISCHARGE)



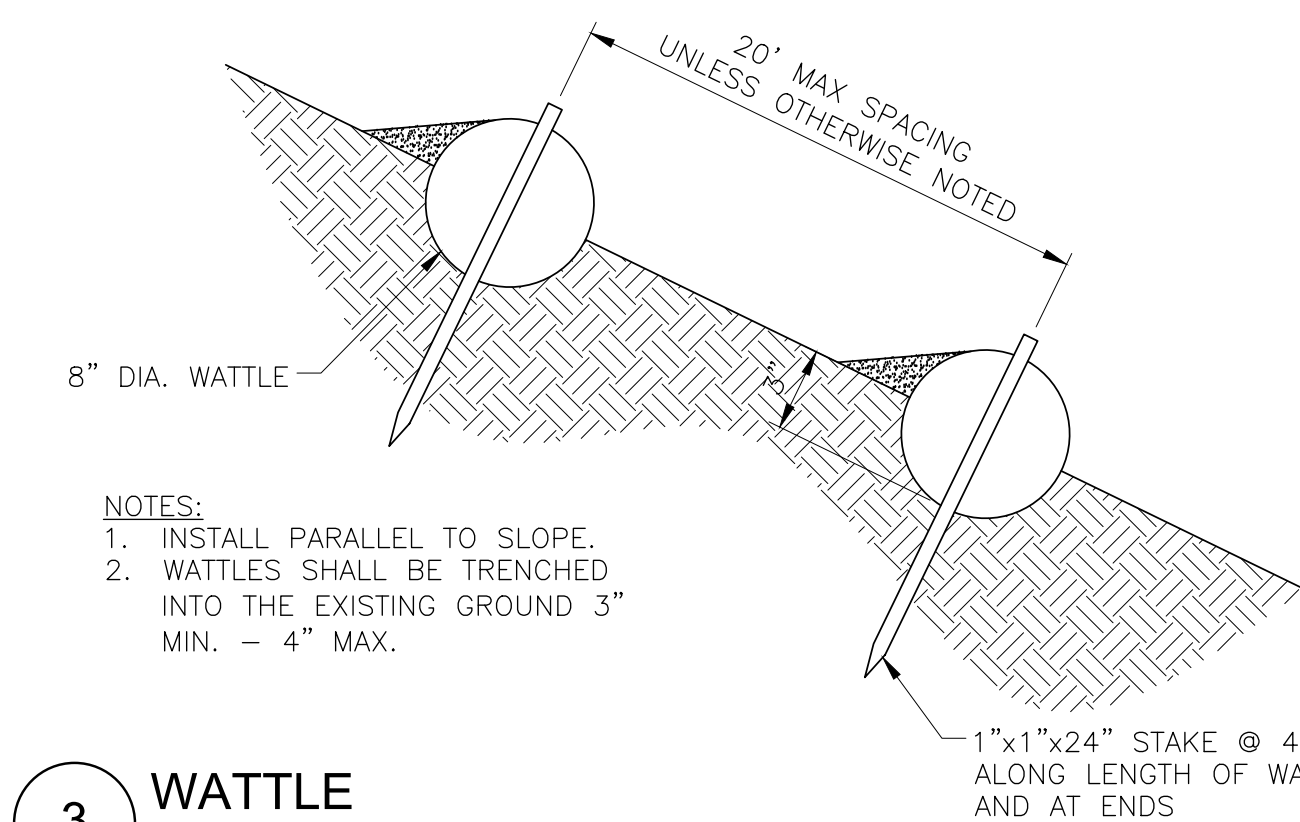
STA. 18+50.00 - SOUTH EROSION PLAN - SHEET C8.1

ENTRANCE NOTE
 LOCATION OF CONSTRUCTION ENTRANCE TO BE DETERMINED BY CONTRACTOR AND SHALL BE INSTALLED BEFORE START OF CONSTRUCTION.

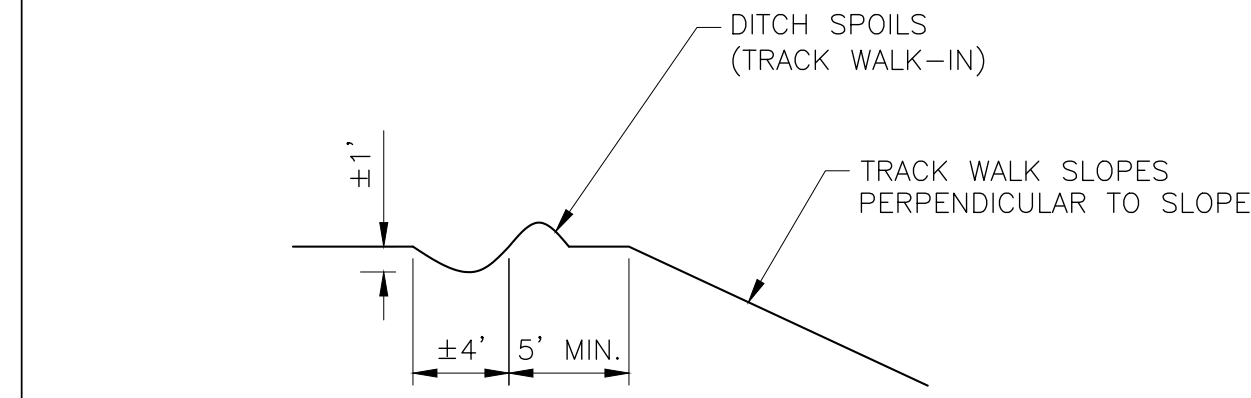


1. THE TEMPORARY CONSTRUCTION ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO NOTE #4 IN THIS PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. GRAVEL SHALL BE CRUSHED BALLAST ROCK, 8" TO 12" IN DEPTH AND INSTALLED TO THE SPECIFIED DIMENSIONS AT THE ENTRANCE.
3. THE GRAVEL BALLAST ROCK SHALL BE 4" TO 8" IN DIAMETER AND PLACED ACROSS THE FULL WIDTH OF VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 100 FEET.
4. IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICLE TIRES BY CONTACT WITH GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER ONTO A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.
5. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2" STONE, AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

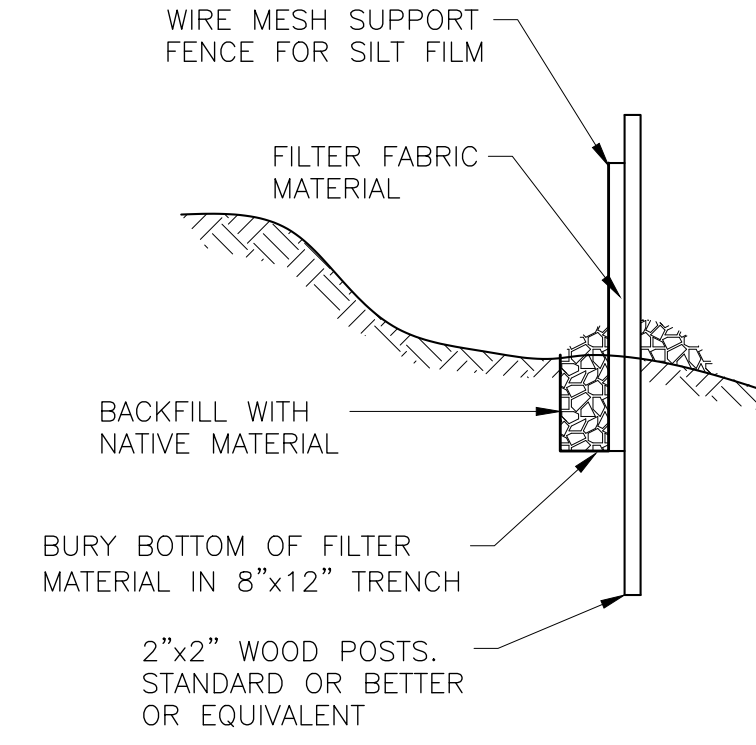
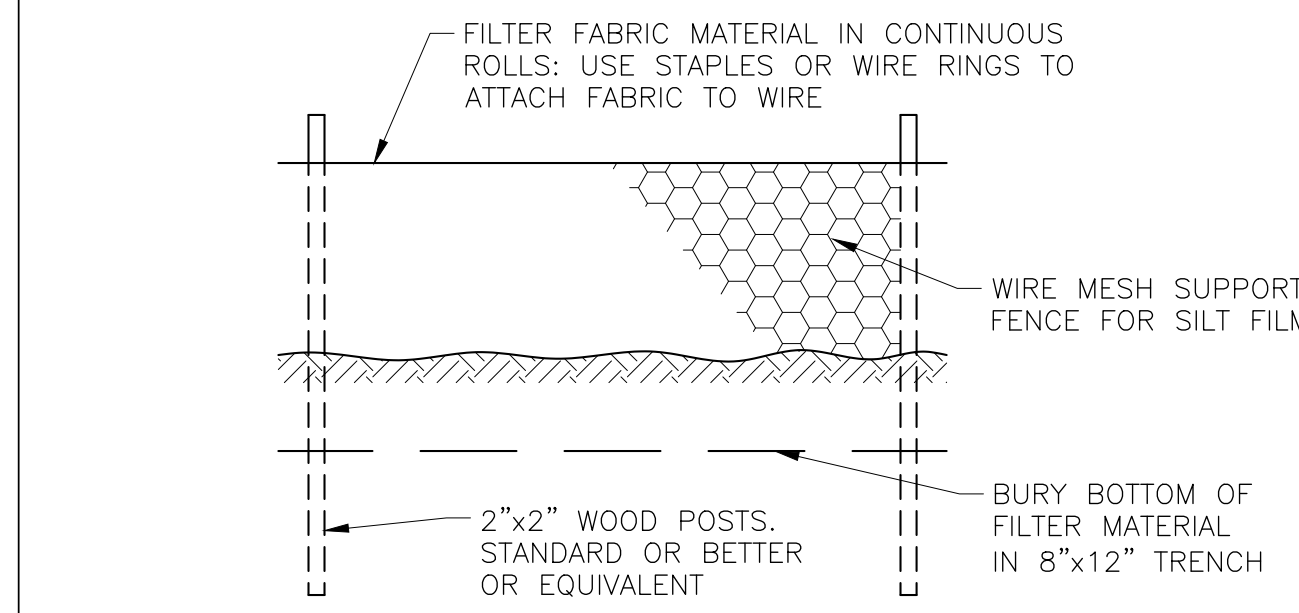
1 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
 SCALE:NTS



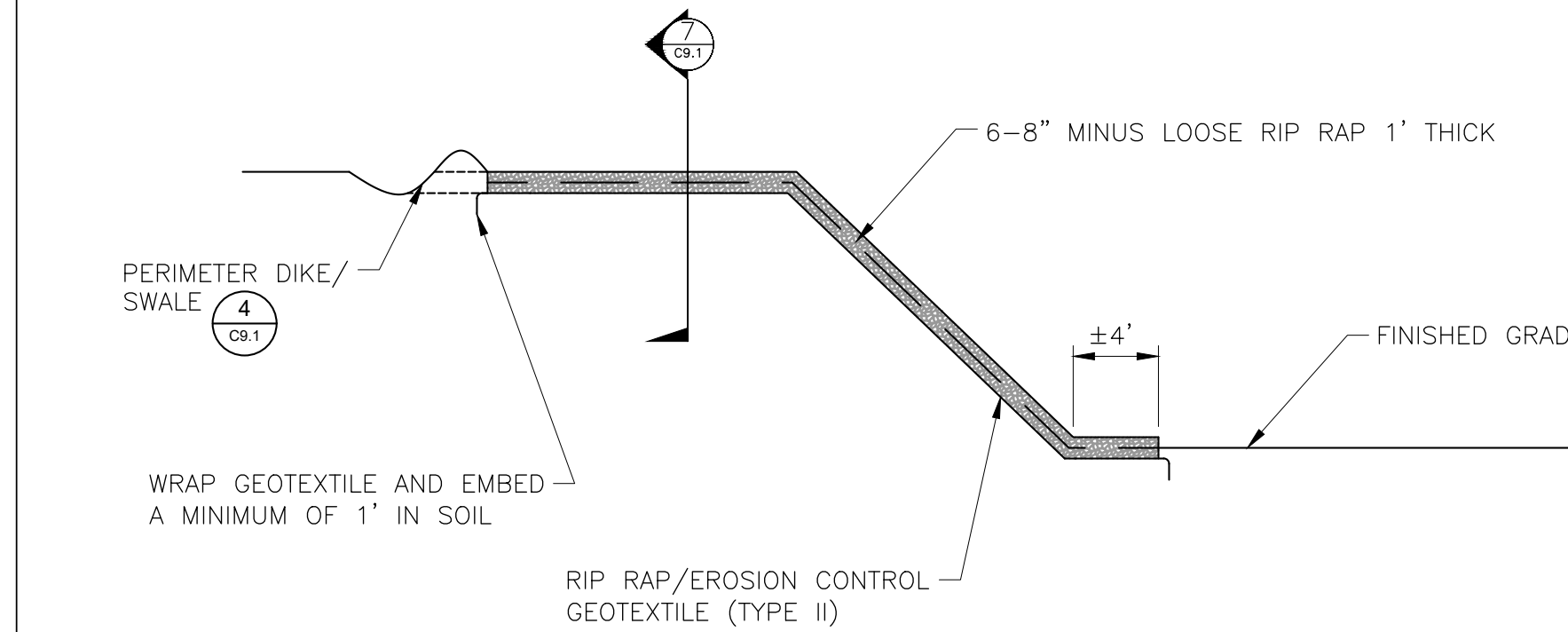
3 WATTLE
 SCALE:NTS



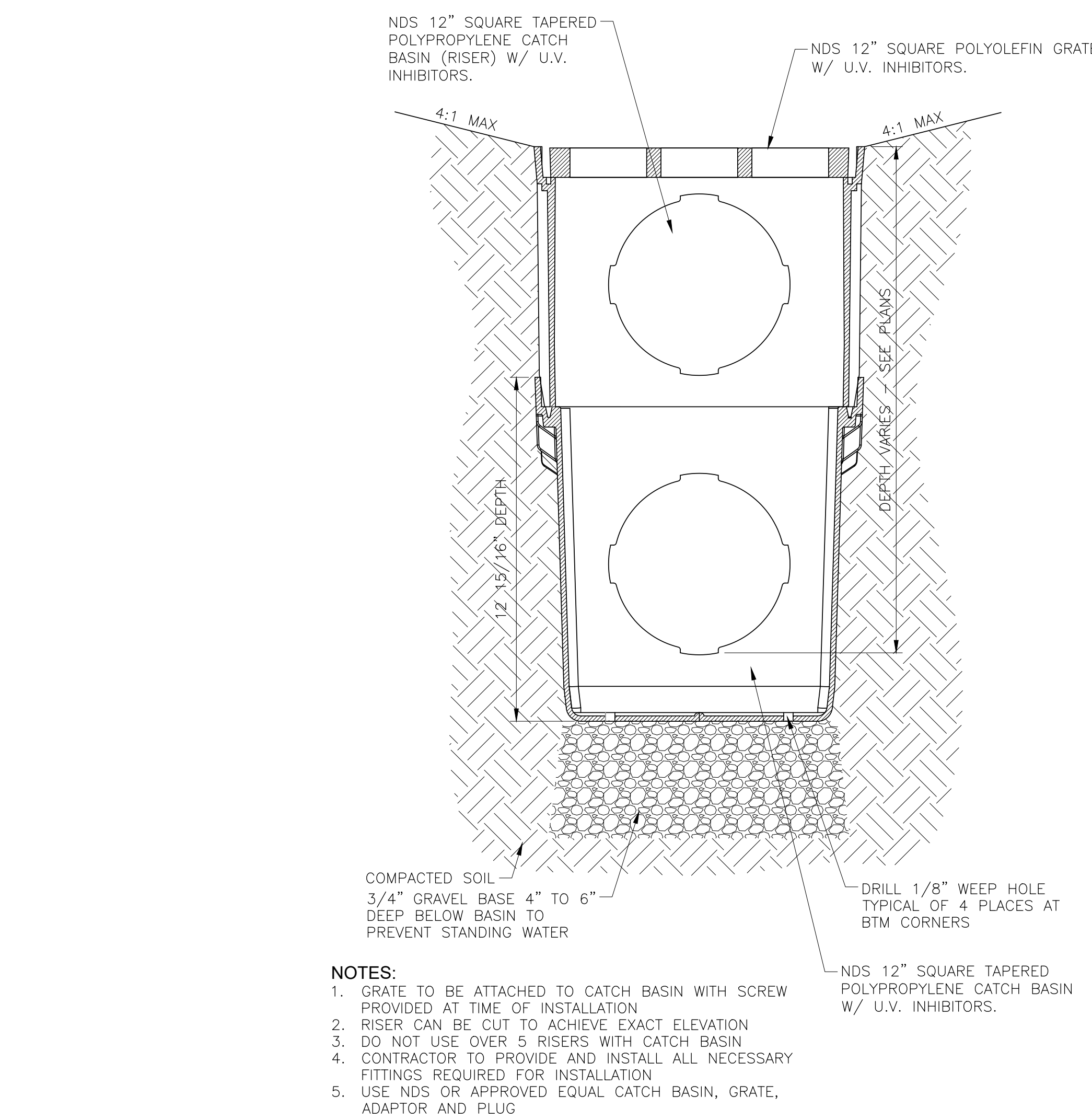
4 PERIMETER DIKE/SWALE
 SCALE:NTS



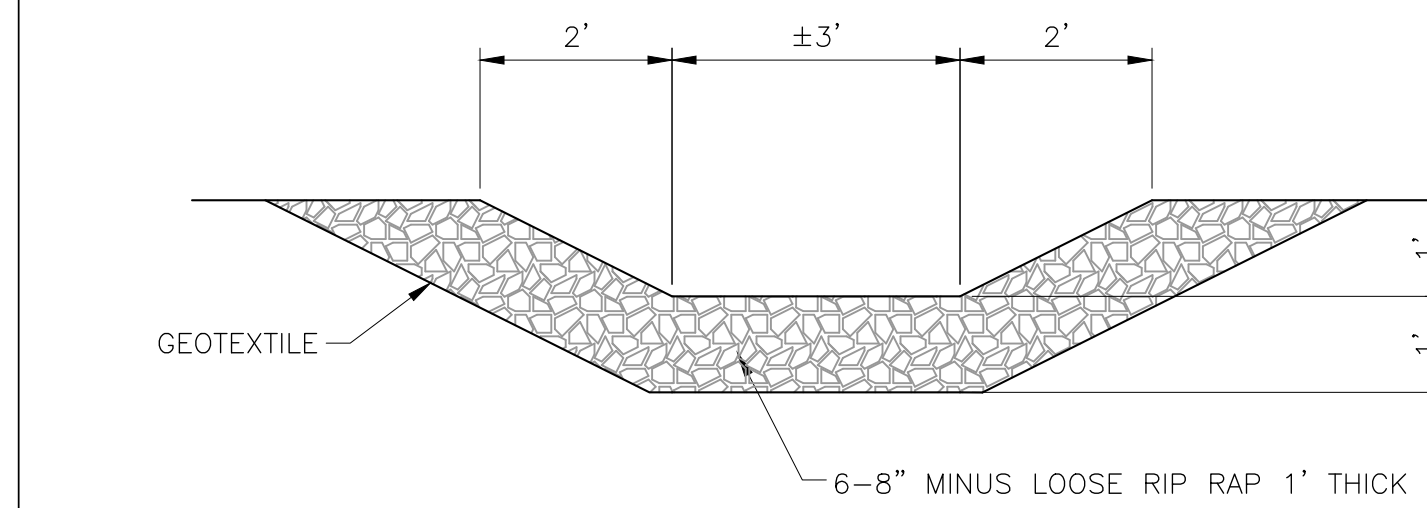
2 SILT FENCE
 SCALE:NTS



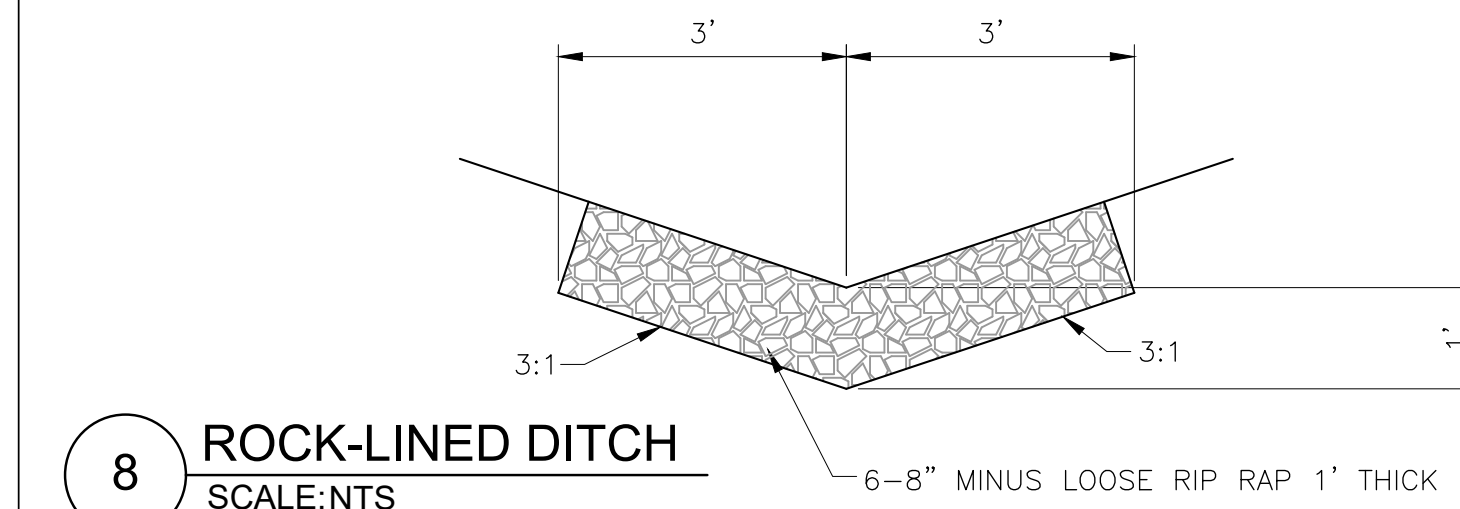
5 RIP RAP-LINED SLOPE SWALE
 SCALE:NTS



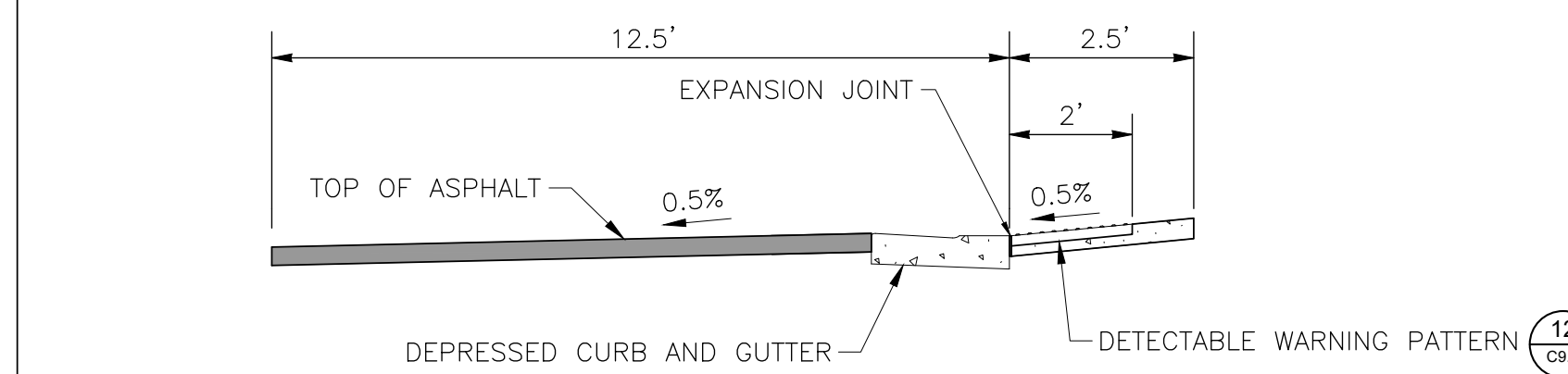
6 AREA DRAIN DETAIL
 SCALE:NTS



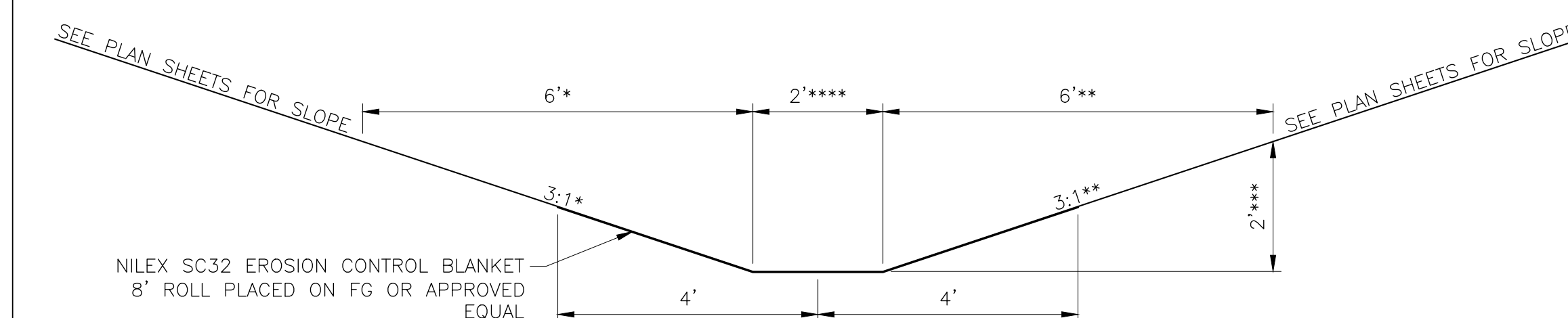
7 SECTION OF RIP RAP-LINED SLOPE SWALE
 SCALE:NTS



8 ROCK-LINED DITCH
 SCALE:NTS

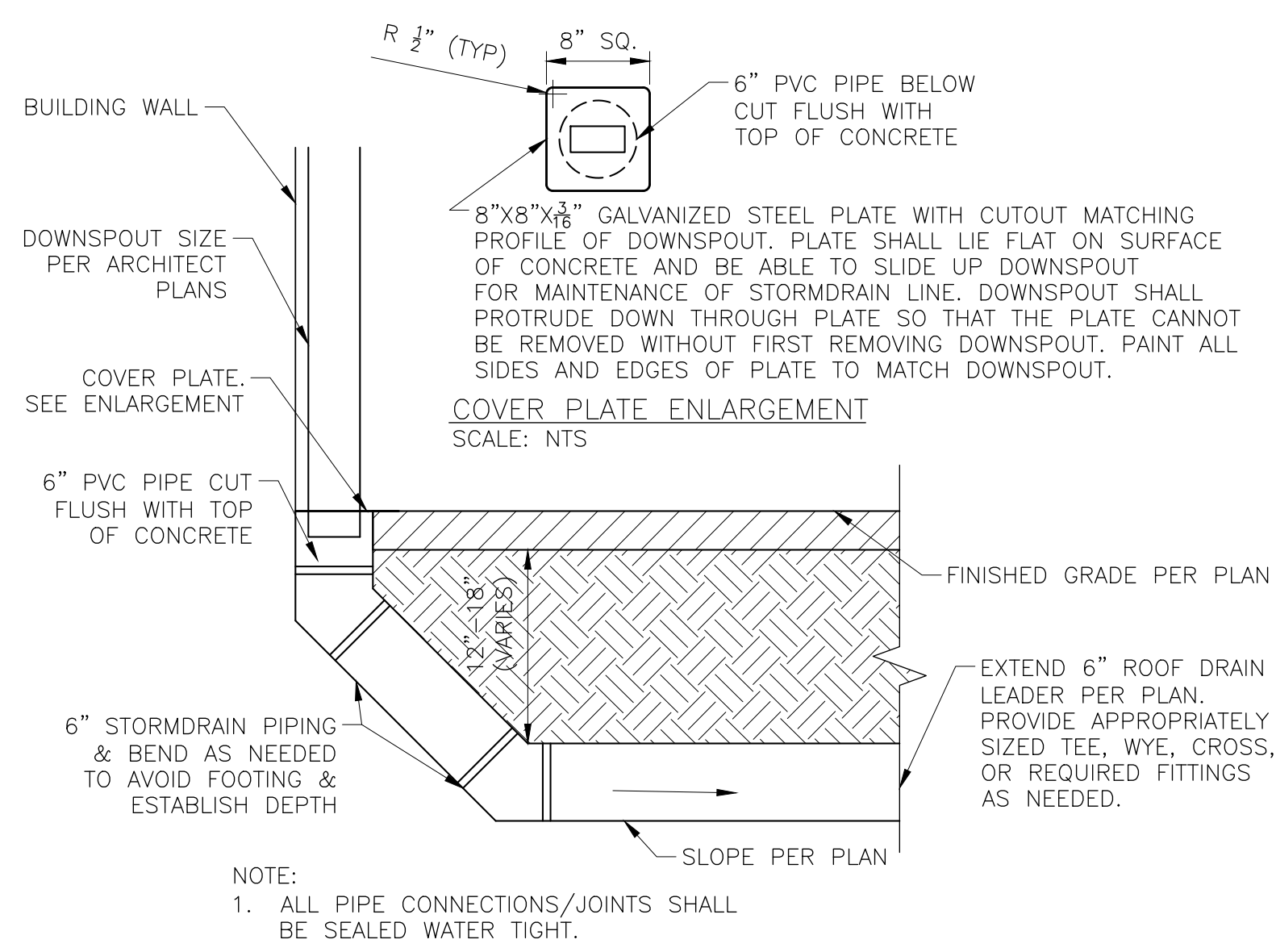


9 PEDESTRIAN RAMP LOADING ZONE SECTION
 SCALE:NTS

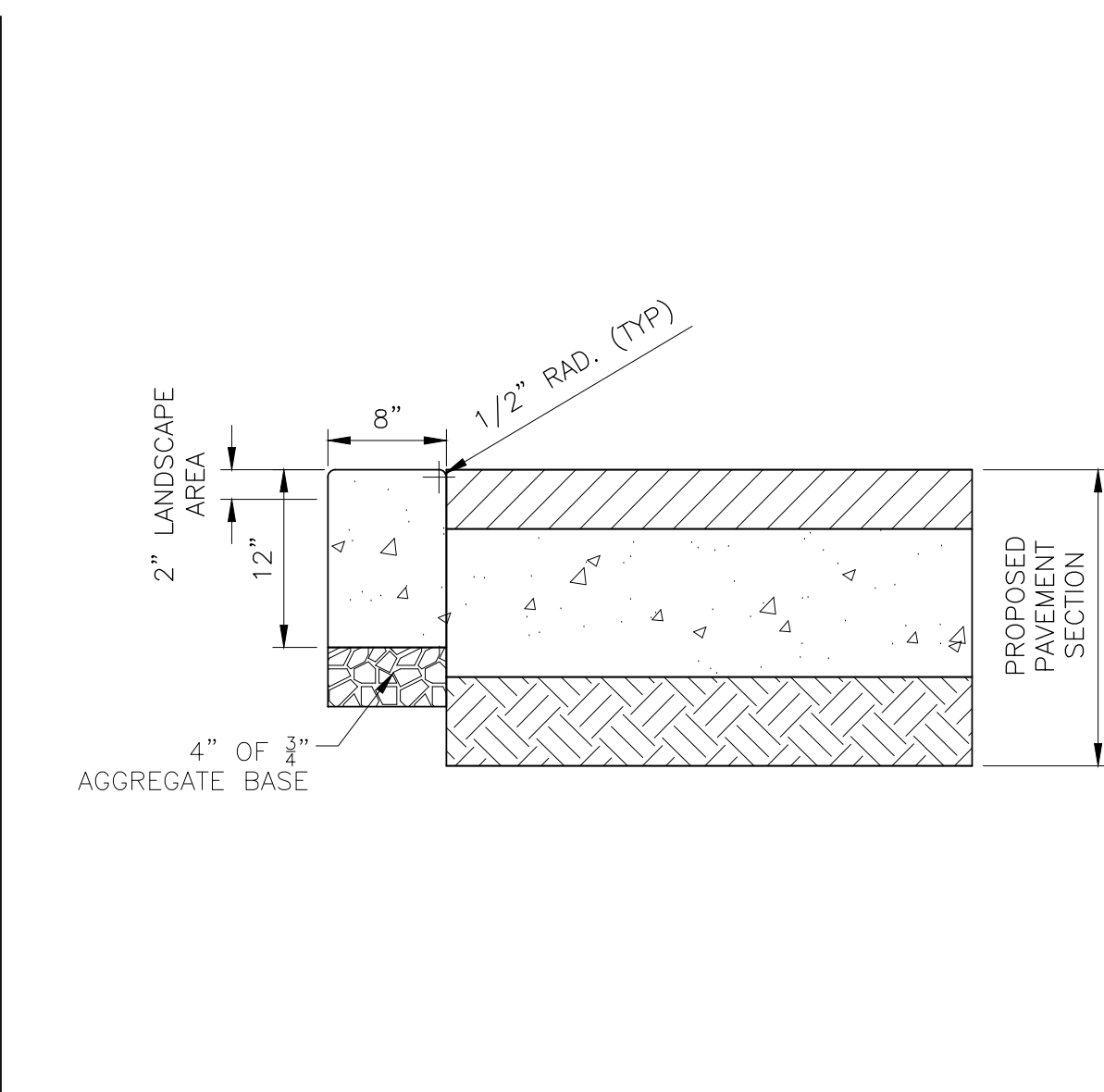


10 DRAINAGE SWALE TYPICAL SECTION
 SCALE:NTS

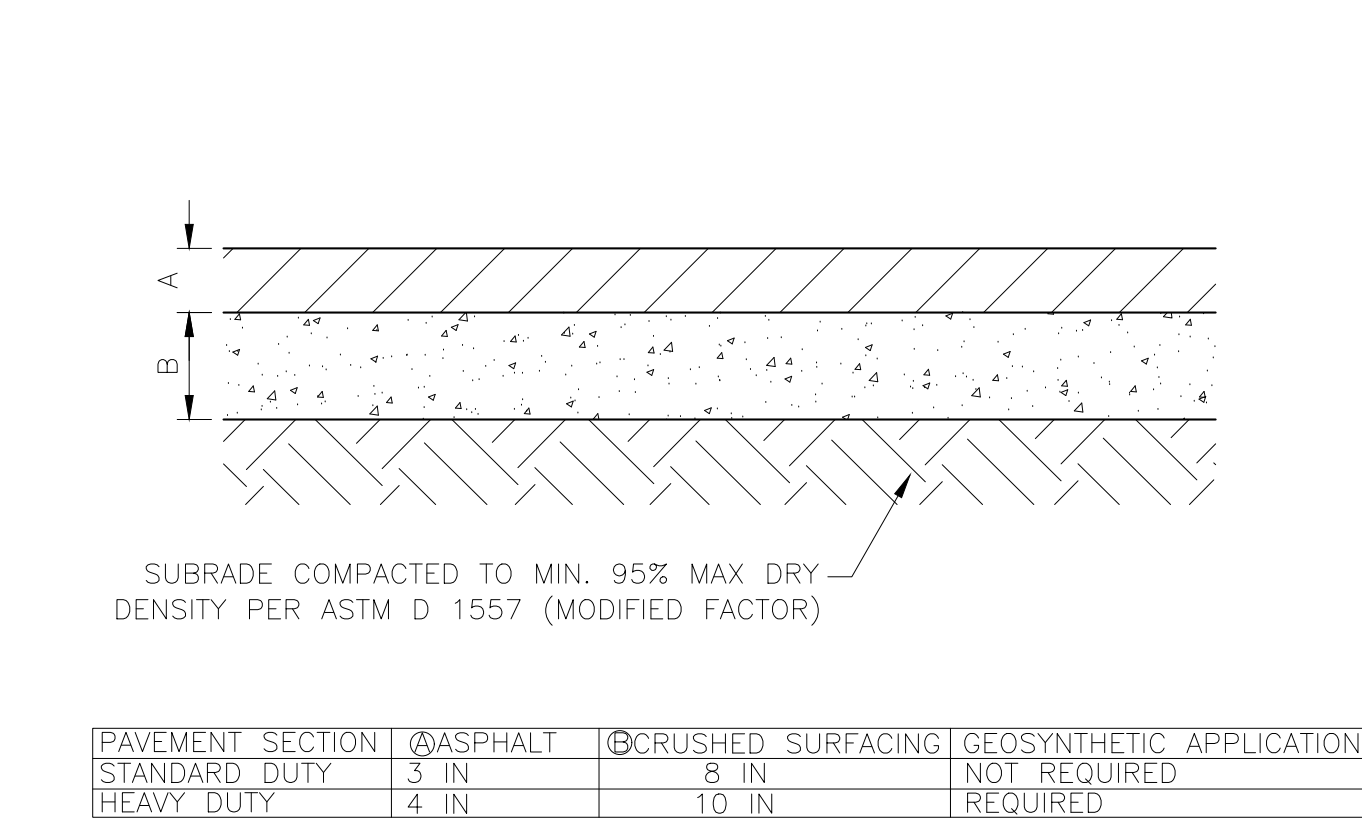
- NOTES:**
- * CTEC SWALE = 4' @ 4:1
 EAST SWALE STA. 9+35.19 TO 9+56.72 = 6' @ 1.5:1
 9+56.72 TO 10+66.49 = 1.5:1 TRANSITION TO 3:1
 PARKING LOT SWALE = 3' @ 3:1
 - ** CTEC SWALE = WIDTH & SLOPE VARIES
 EAST SWALE STA. 9+35.19 TO 9+56.72 = 6' @ 1.5:1
 9+56.72 TO 10+66.49 = 1.5:1 TRANSITION TO 3:1
 PARKING LOT SWALE = 3' @ 3:1
 - *** EAST SWALE STA. 9+35.19 TO 9+56.72 = 4'
 9+56.72 TO 10+66.49 = 4' TRANSITION TO 2'
 PARKING LOT SWALE = 1'
 - **** PARKING LOT SWALE = 3'



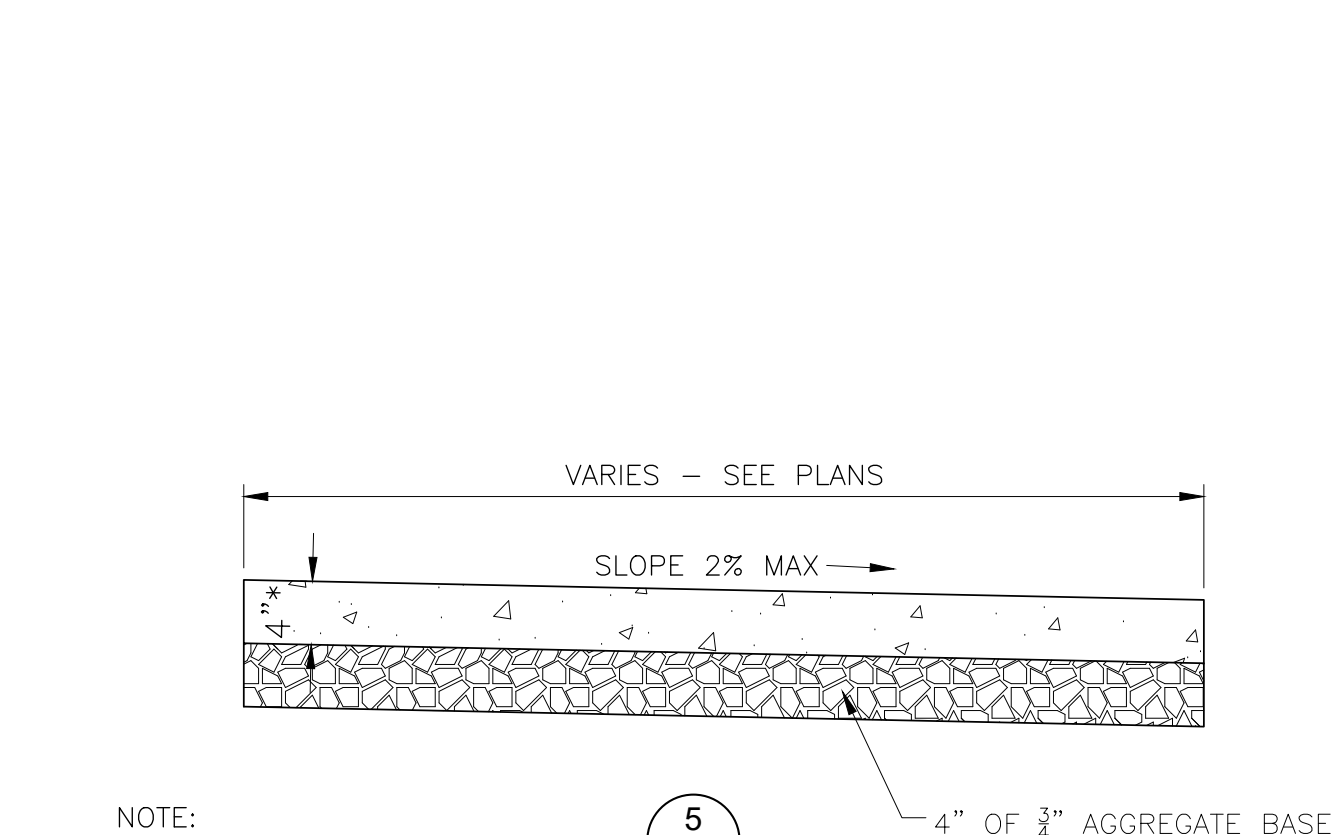
1 DOWNSPOUT CONNECTION
SCALE: 1" = 1"



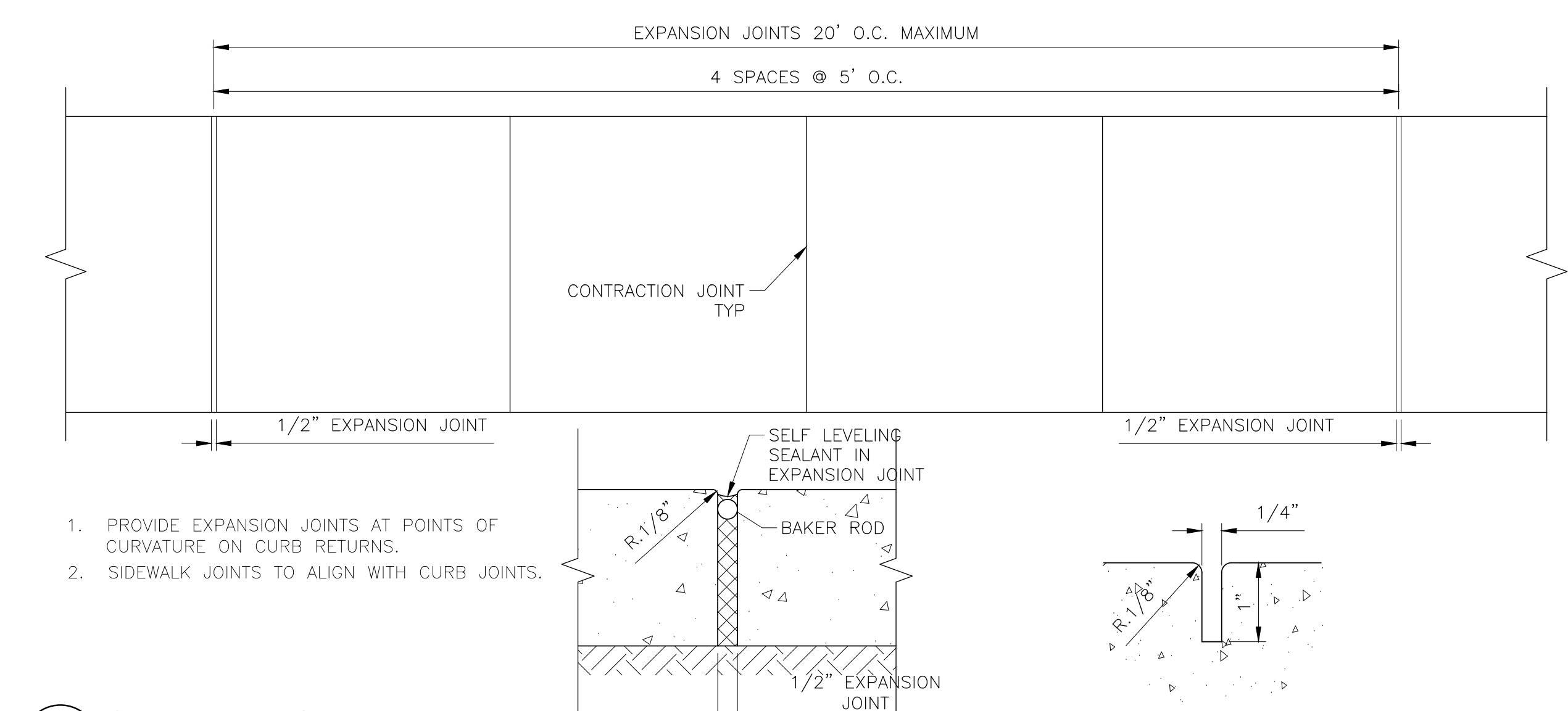
2 CONCRETE RIBBON SECTION
SCALE: NTS



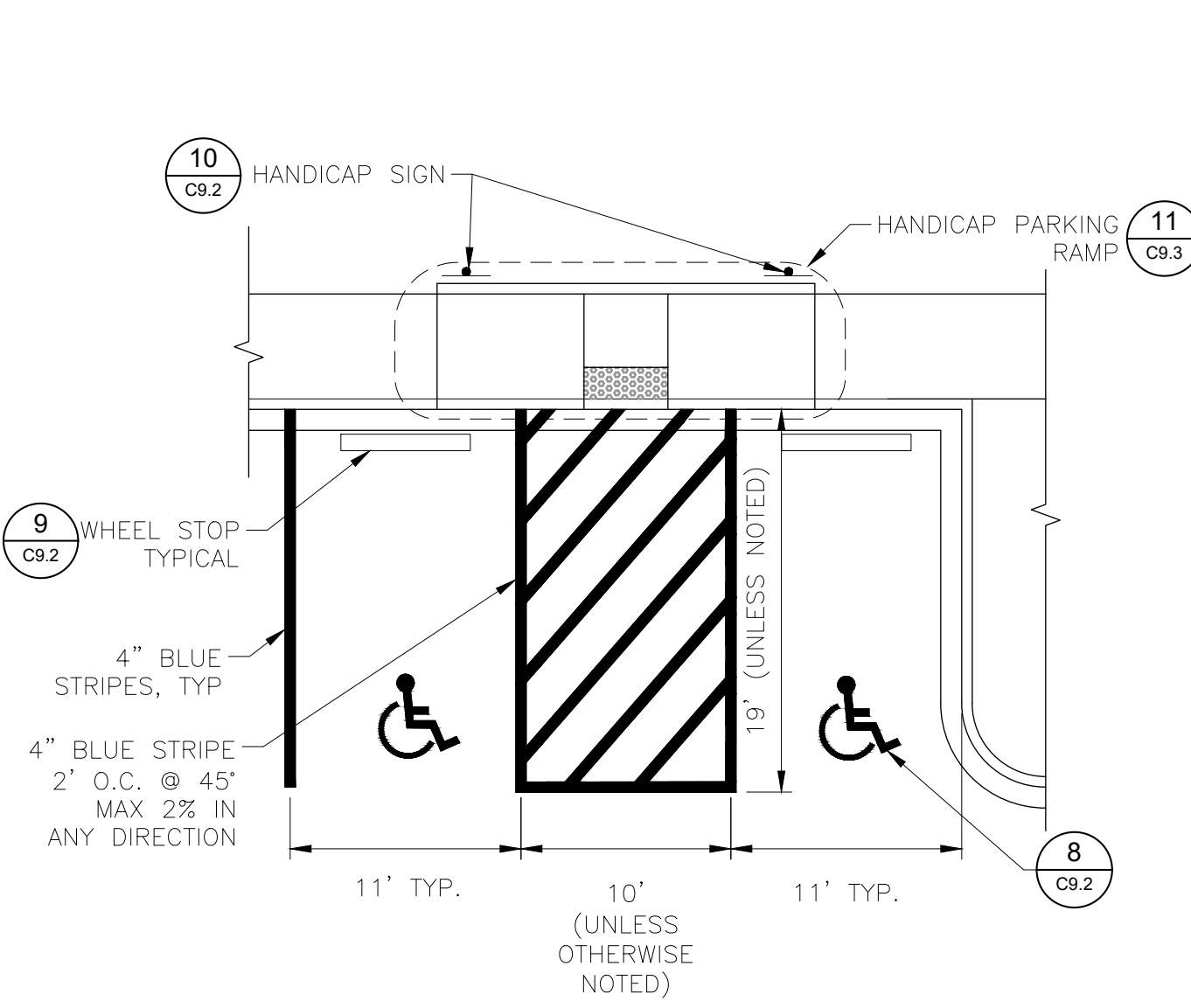
3 PAVEMENT SECTION
SCALE: NTS



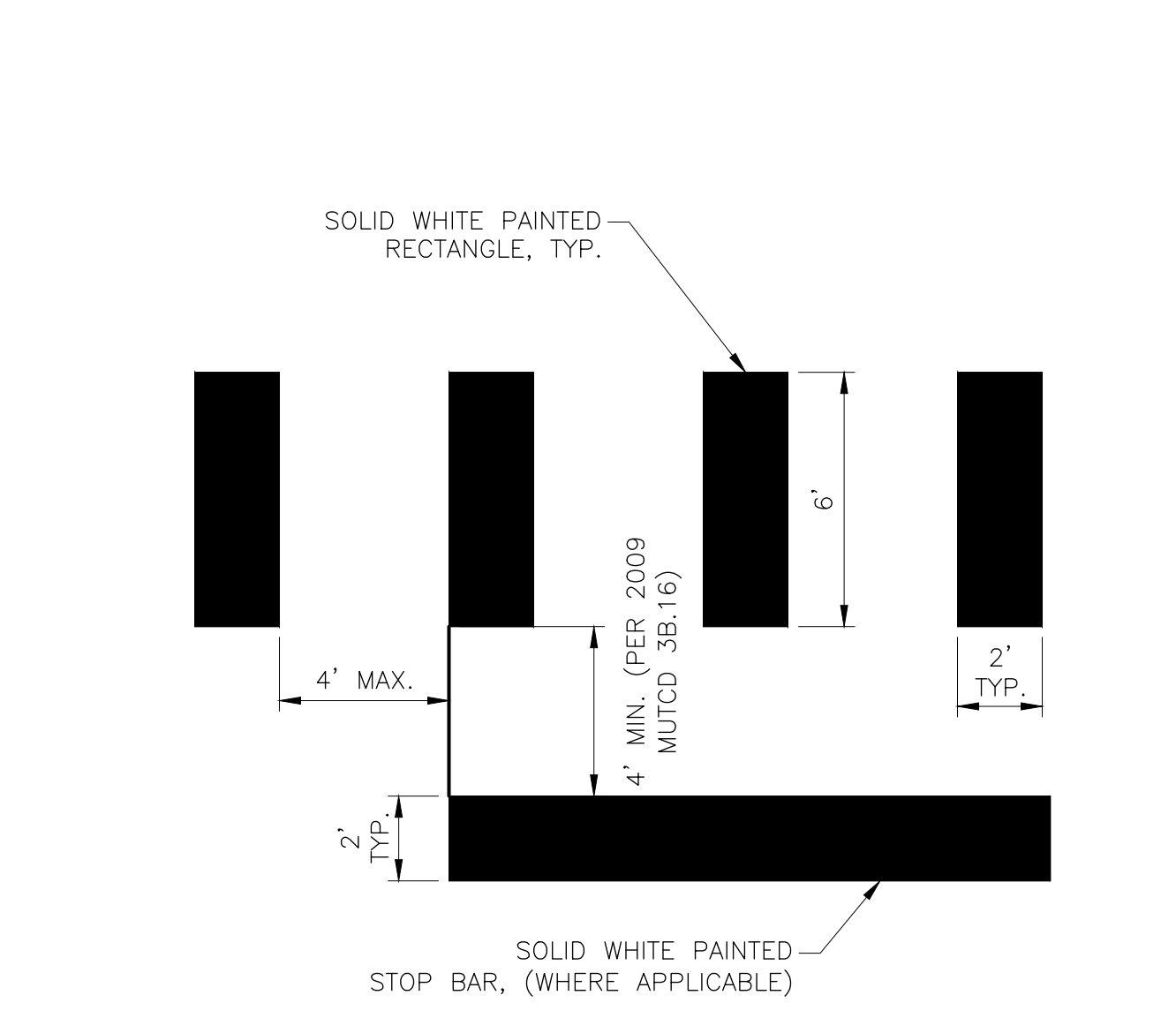
4 CONCRETE SIDEWALK
SCALE: 1" = 1"



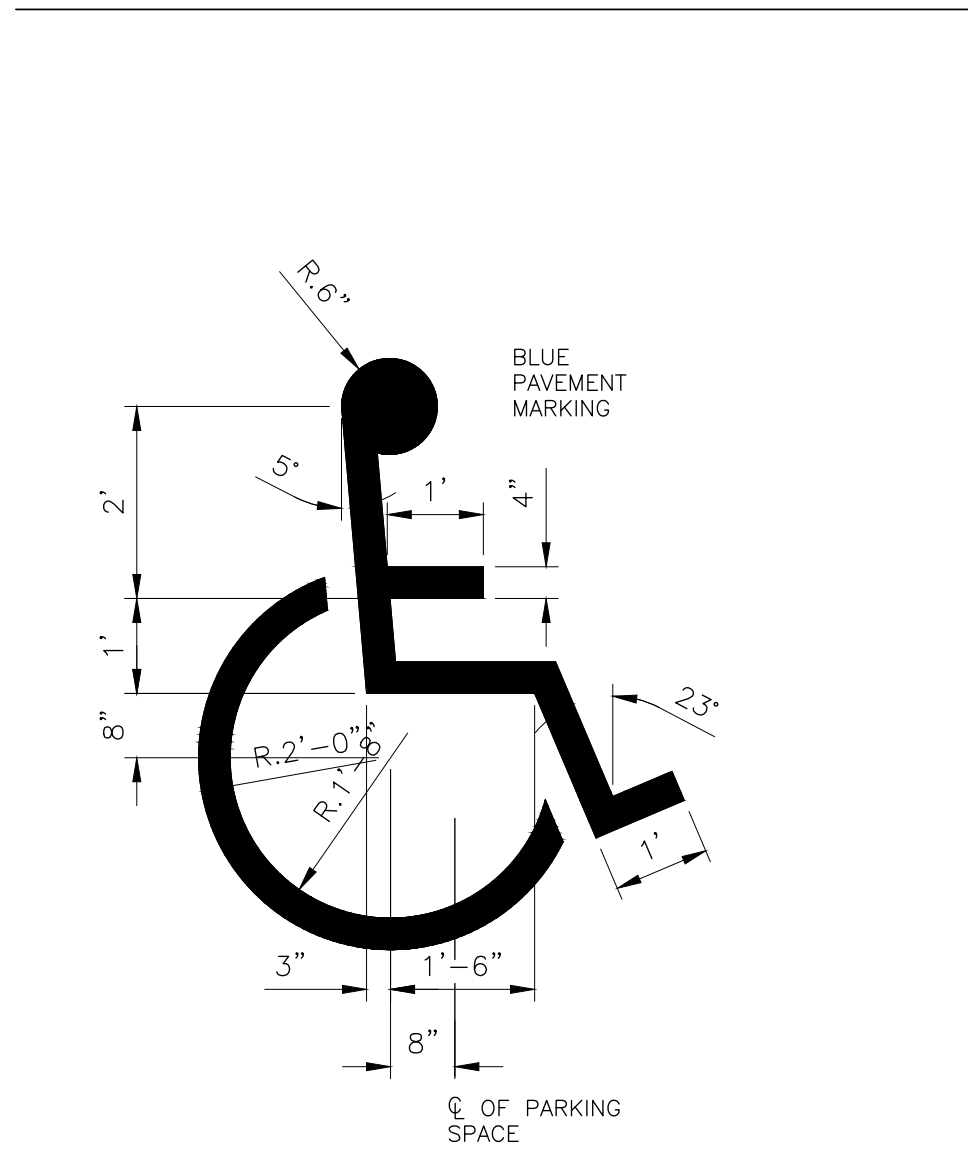
5 SIDEWALK JOINT DETAIL
SCALE: 1" = 2"



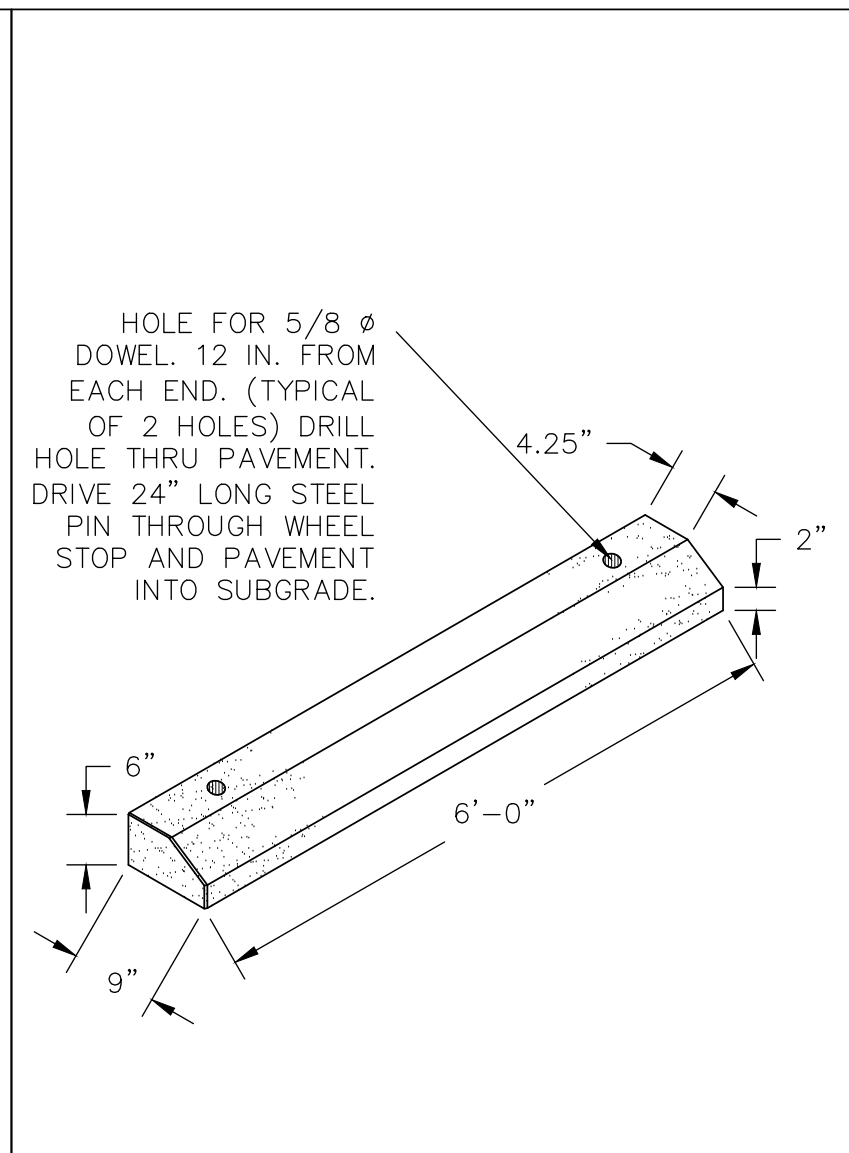
6 HANDICAP PARKING DETAIL
SCALE: 1" = 8"



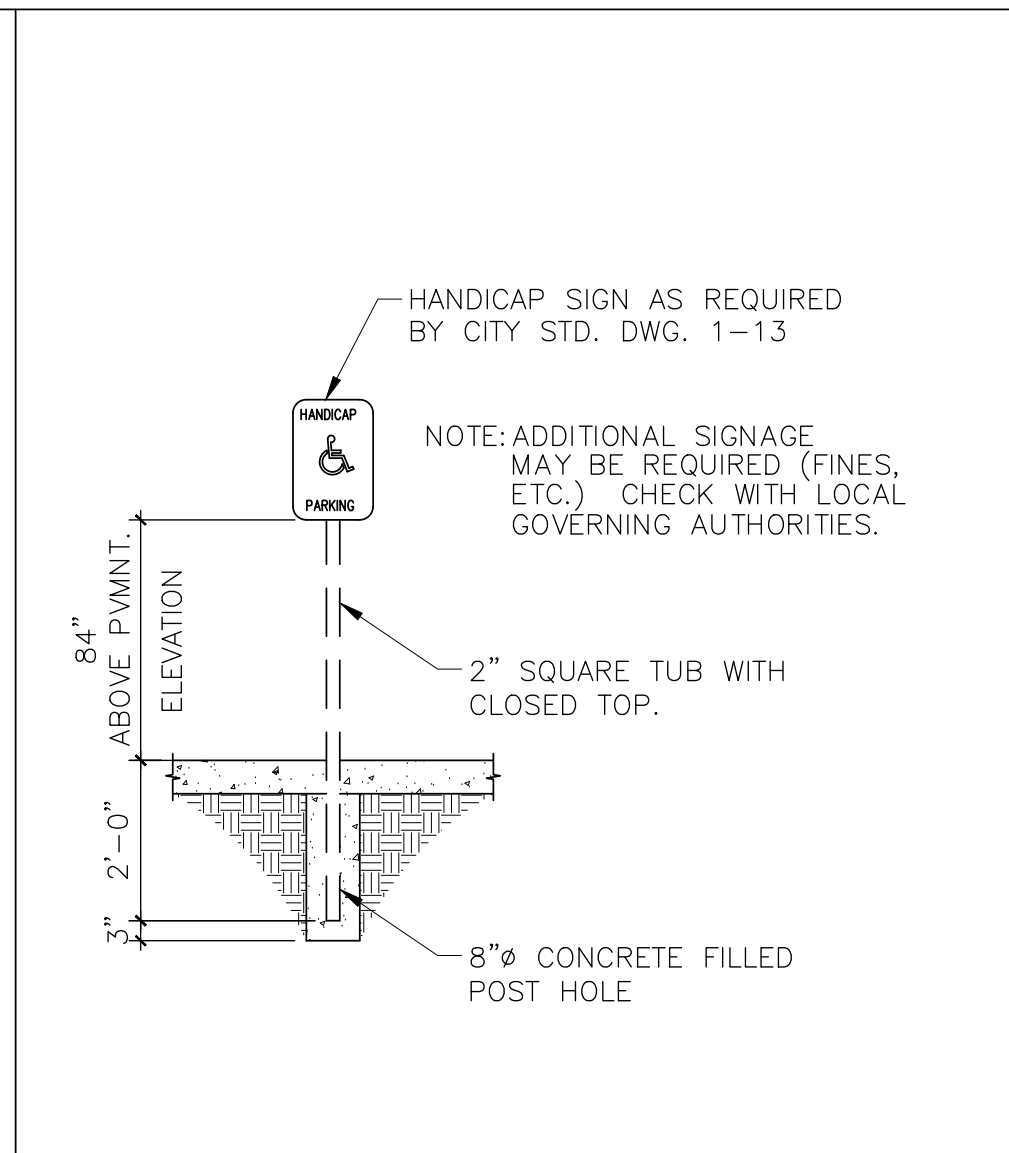
7 PAINTED CROSSWALK
SCALE: 1" = 4"



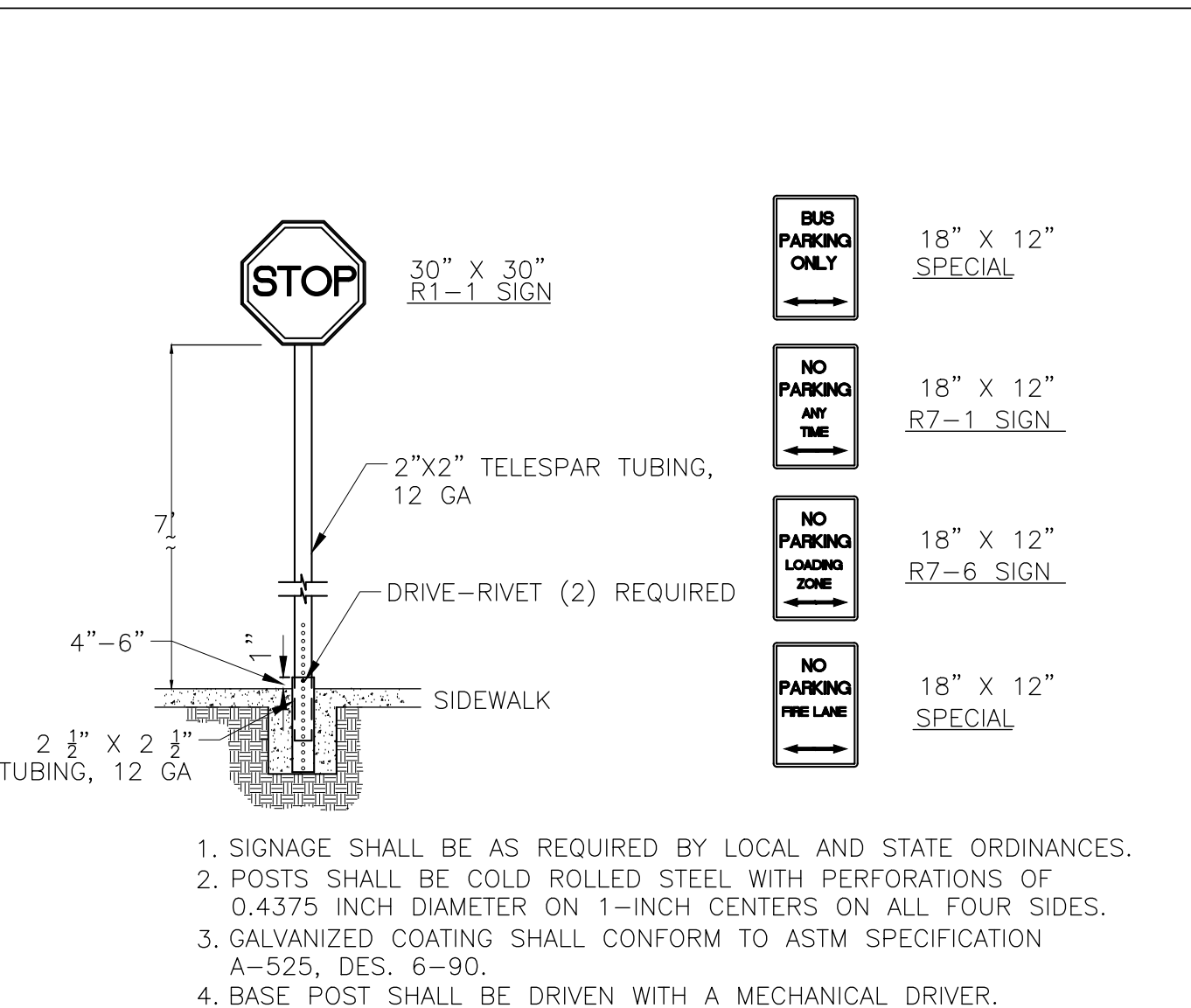
8 PAINTED ACCESSIBLE SYMBOL
SCALE: 1" = 2"



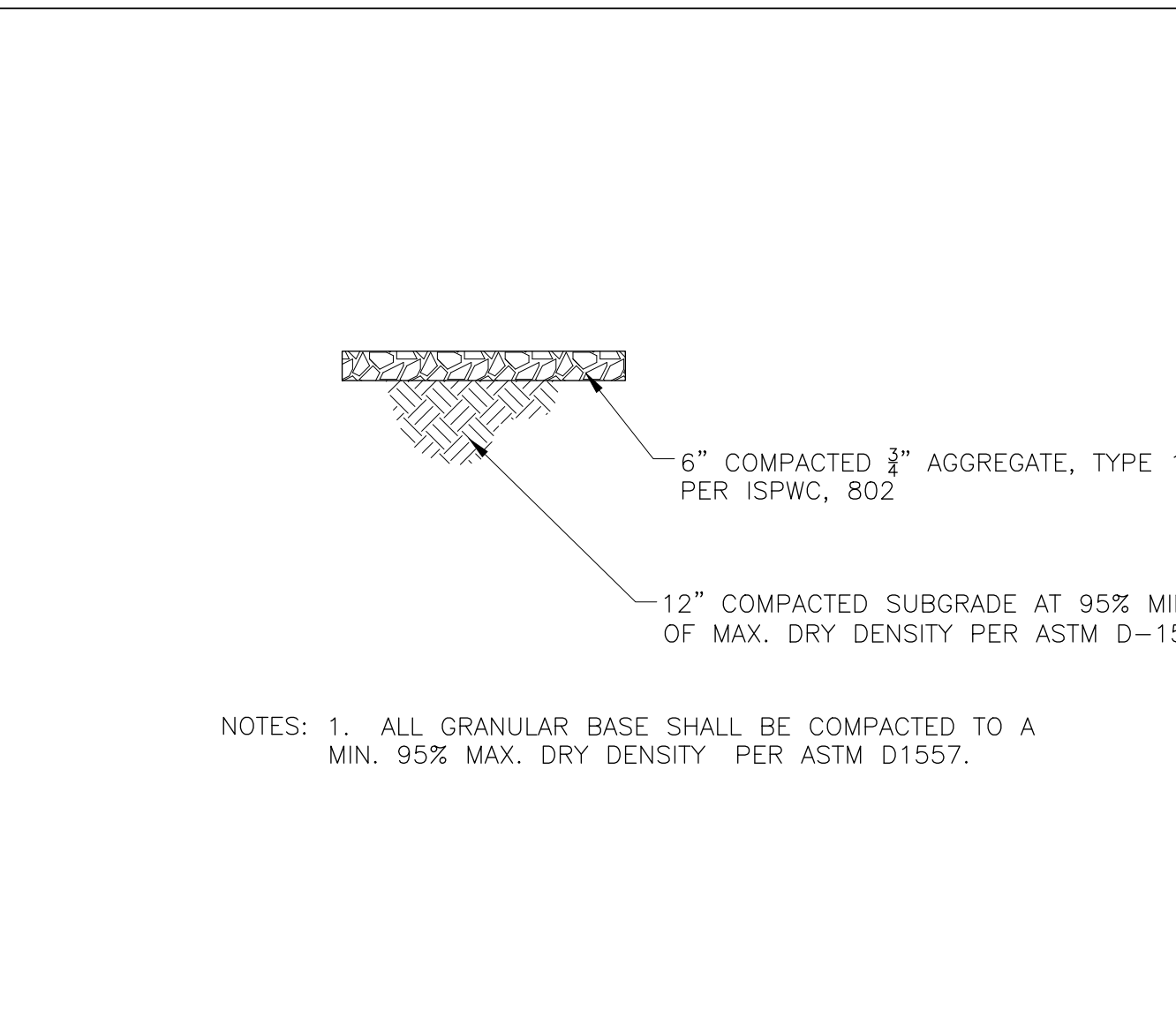
9 WHEEL STOP
SCALE: NTS



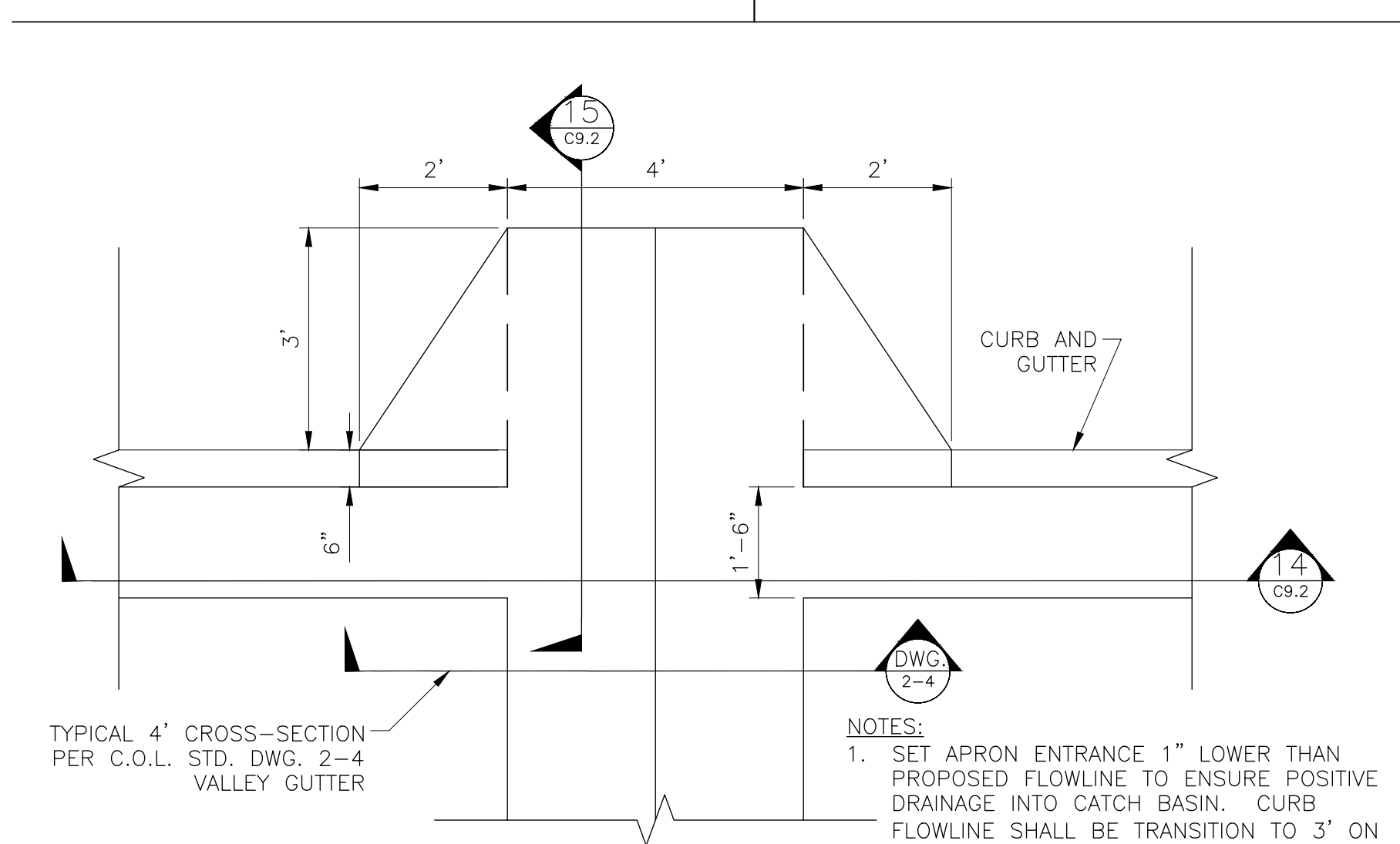
10 HANDICAP SIGN
SCALE: NTS



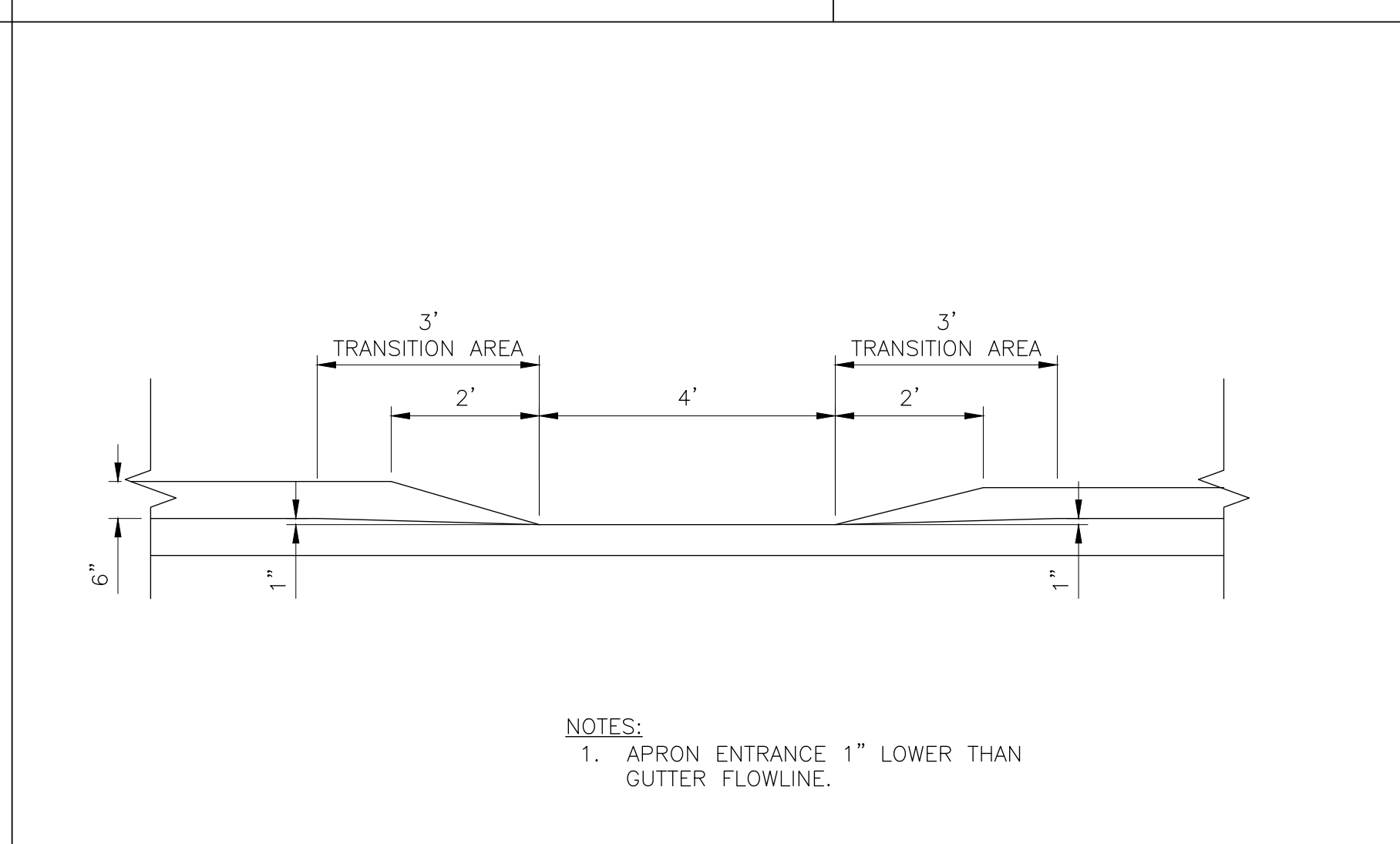
11 SIGN DETAILS
SCALE: 1" = 2"



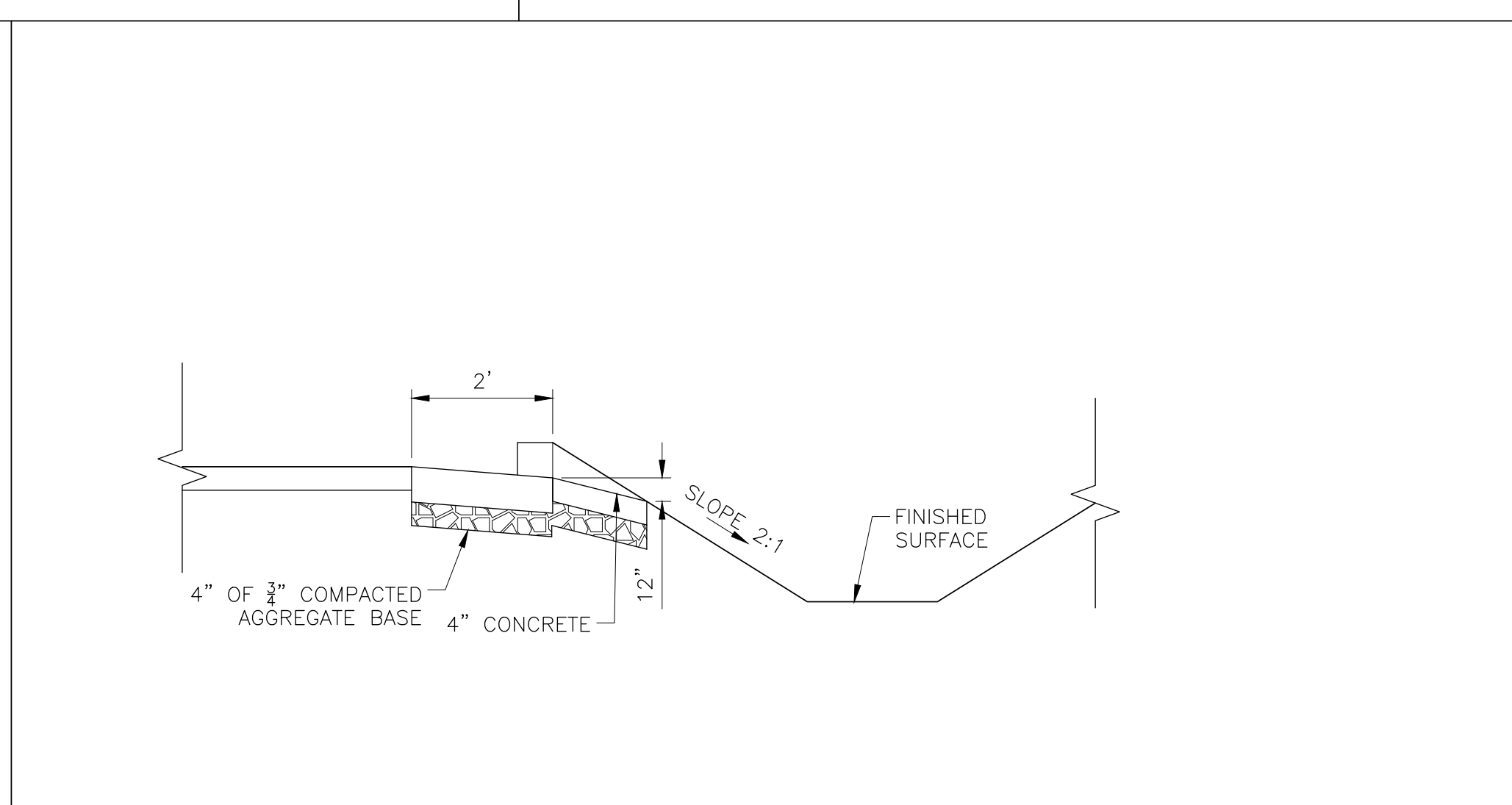
12 GRAVEL PAVEMENT SECTION
SCALE: NTS



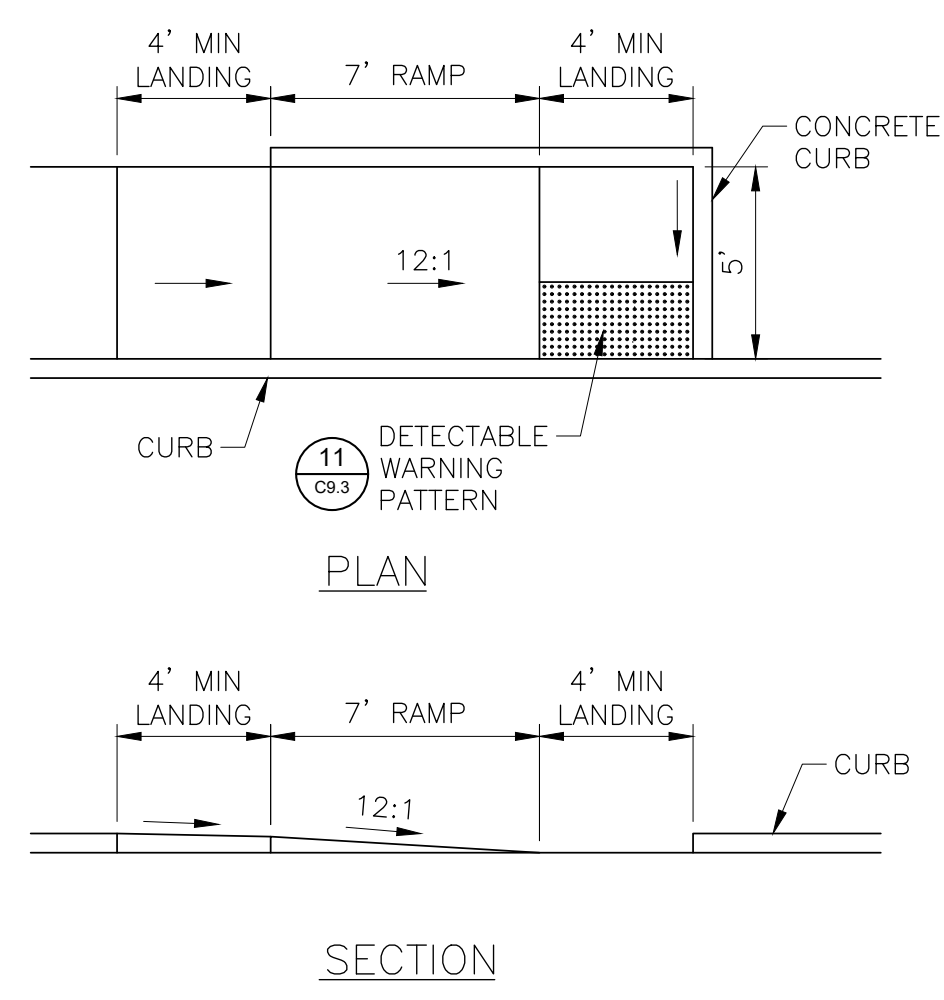
13 INLET APRON
SCALE: 1" = 2"



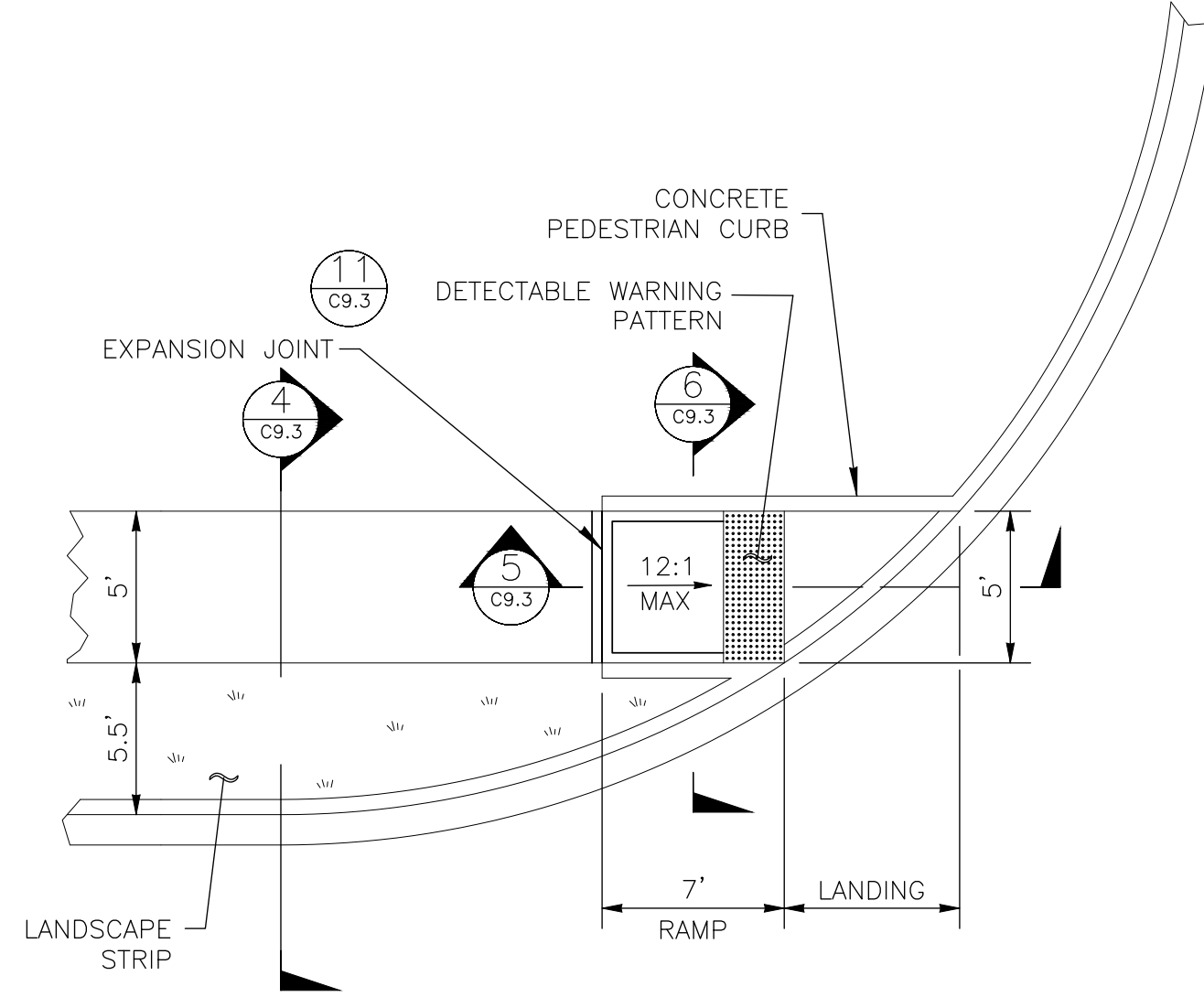
14 INLET APRON SECTION
SCALE: 1" = 2"



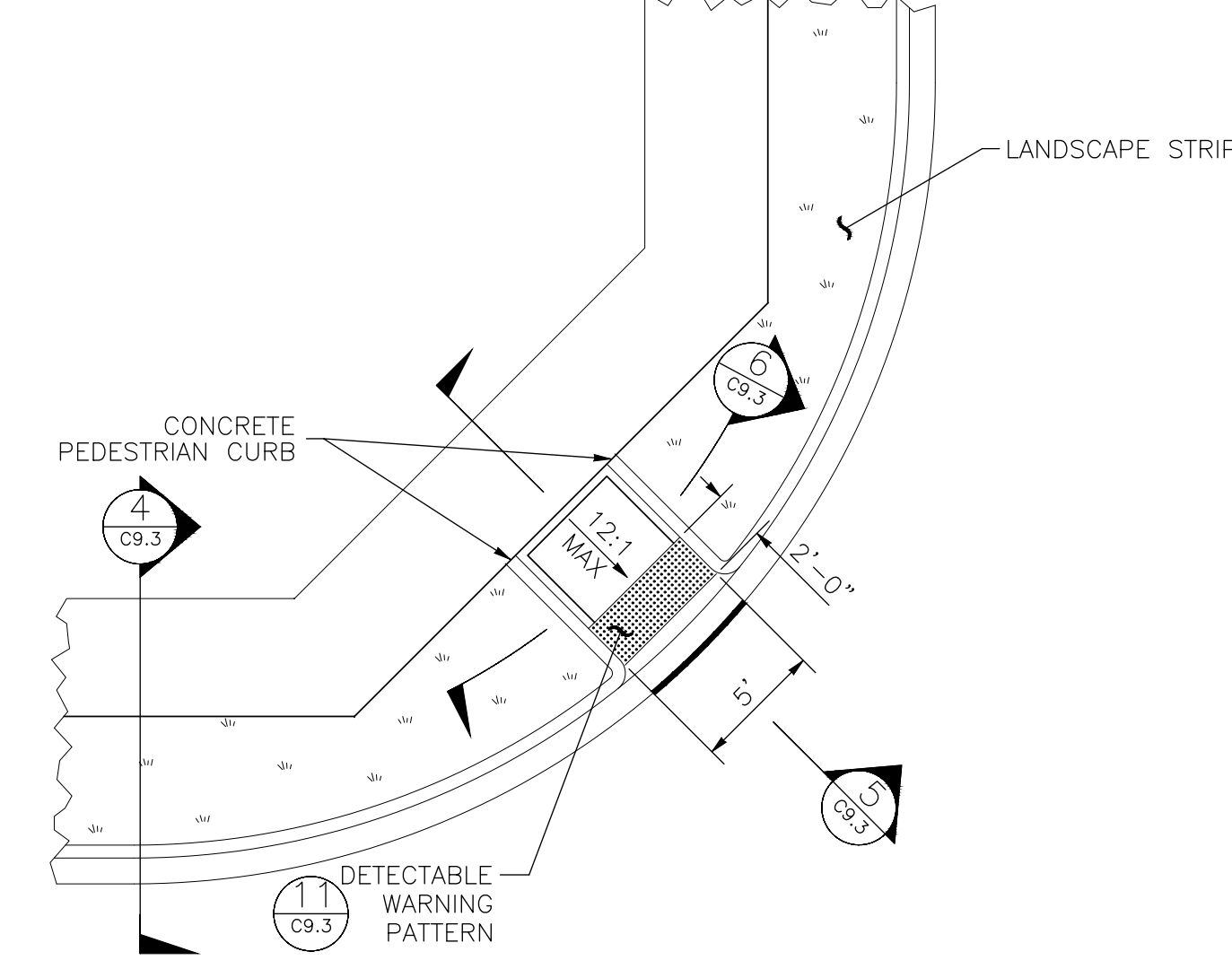
15 INLET APRON SECTION
SCALE: NTS



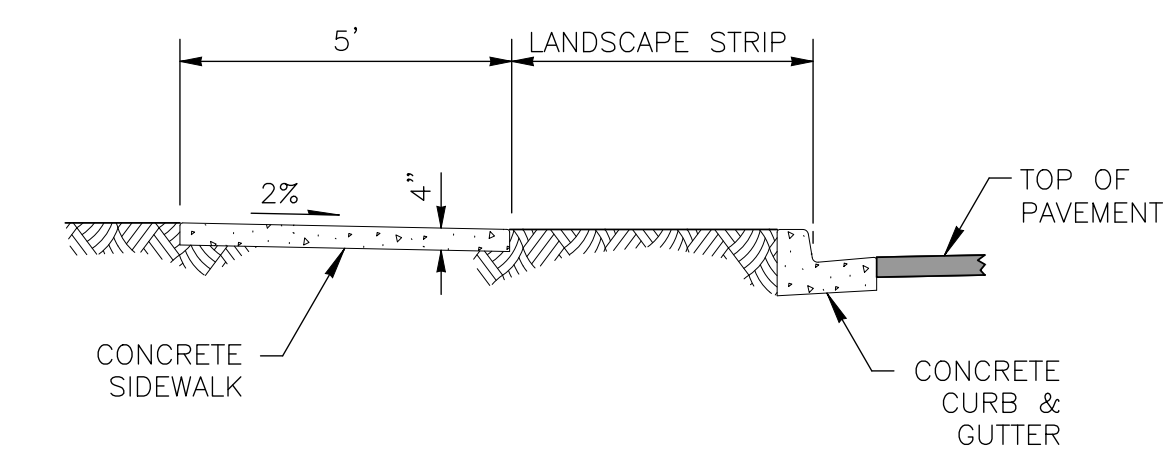
1 TYPE 1 PED RAMP
SCALE:NTS



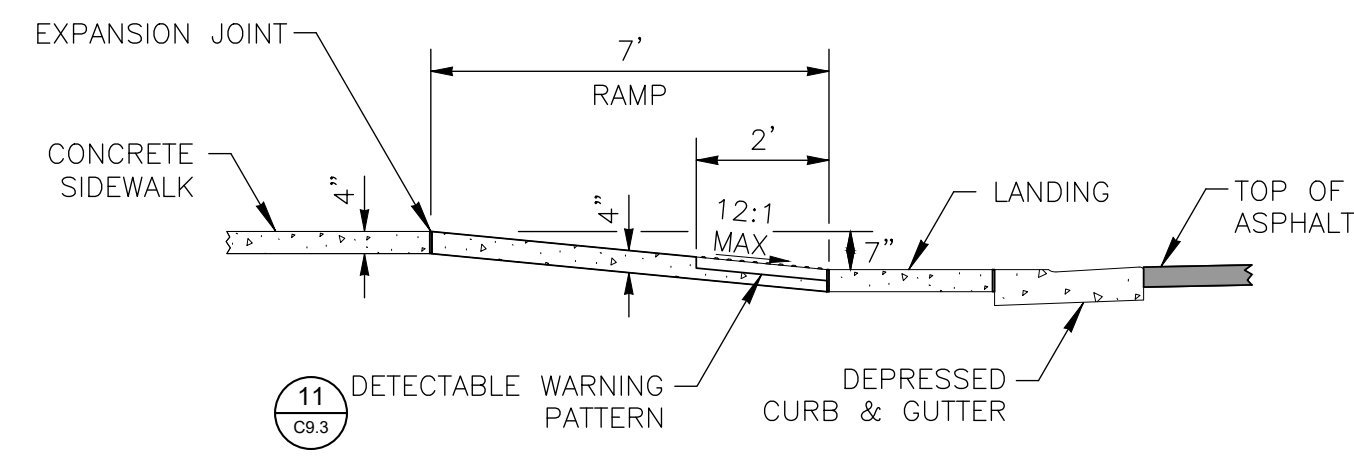
2 TYPE 2 PED RAMP
SCALE:NTS



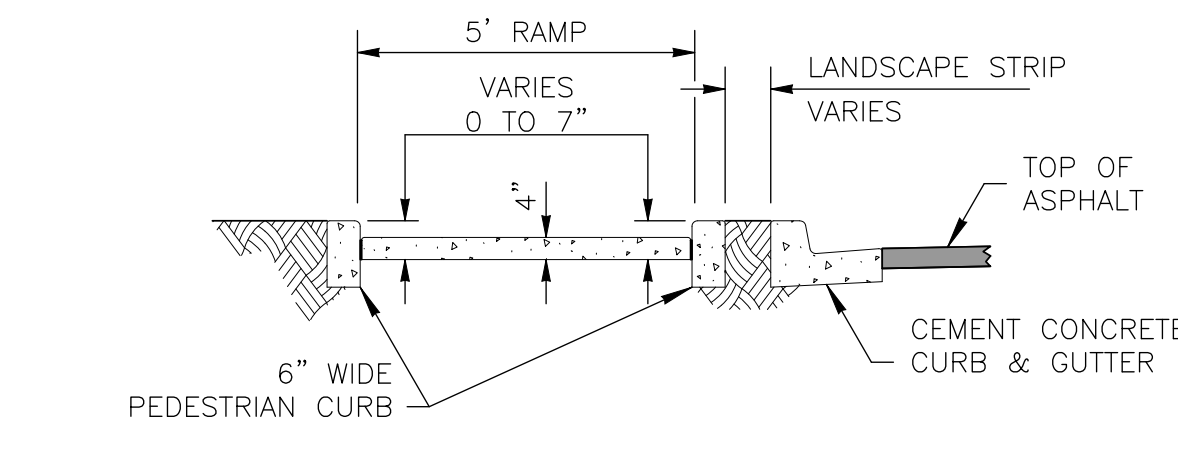
3 TYPE 3 PED RAMP
SCALE:NTS



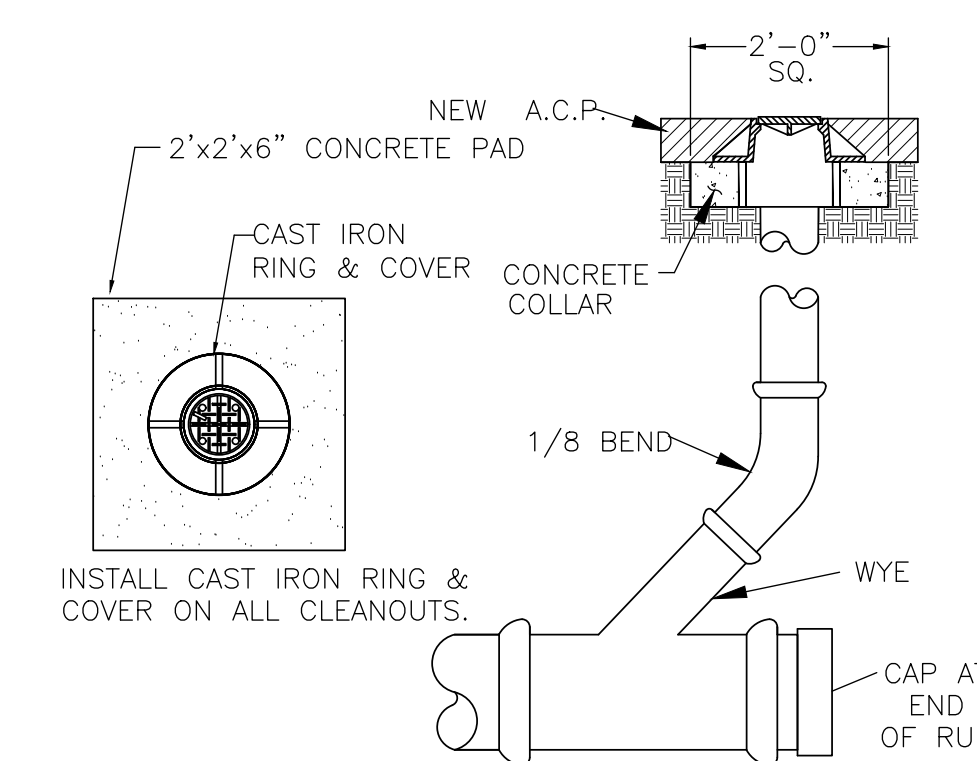
4 PED RAMP SECTION
SCALE:NTS



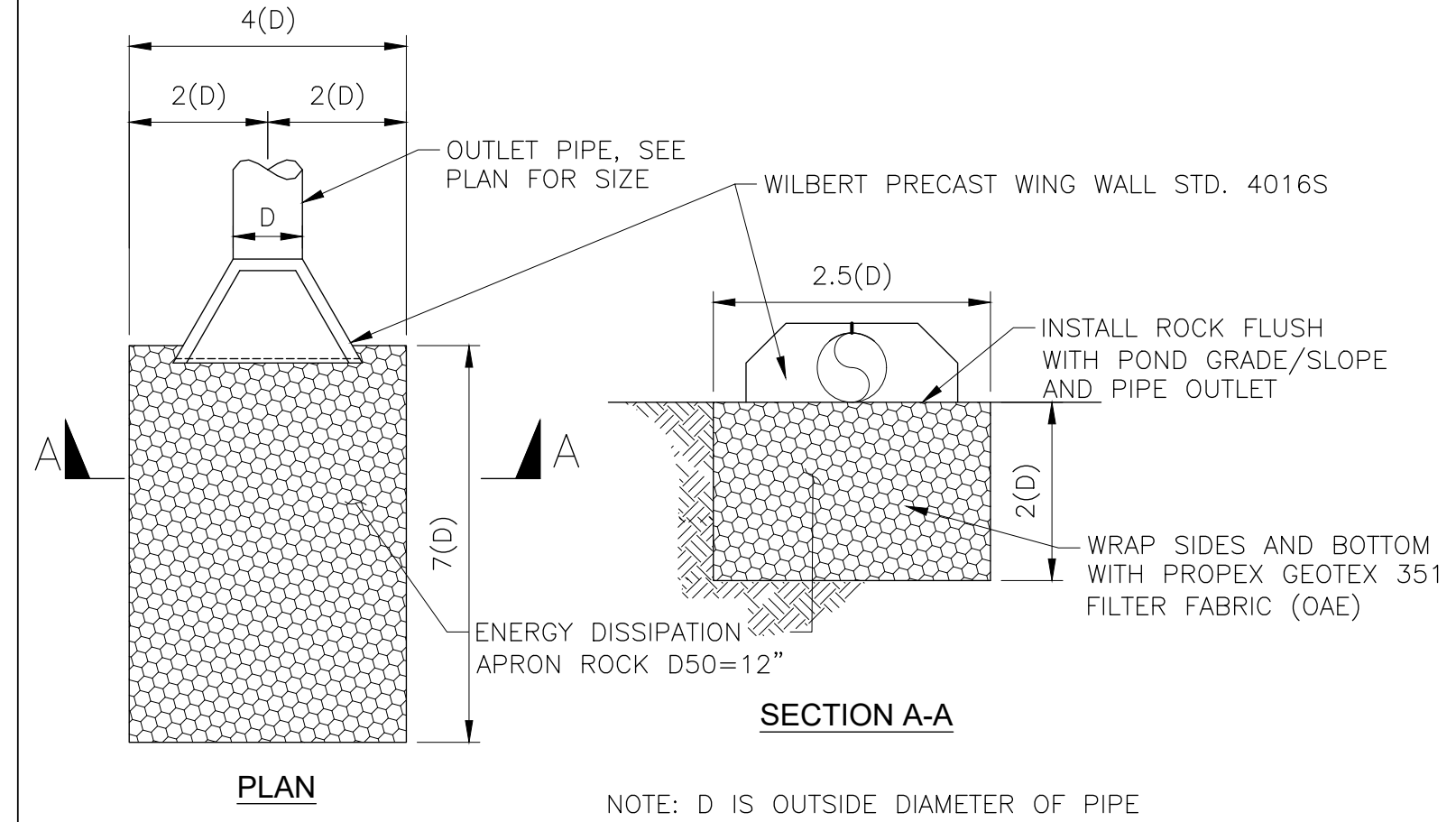
5 PED RAMP SECTION
SCALE:NTS



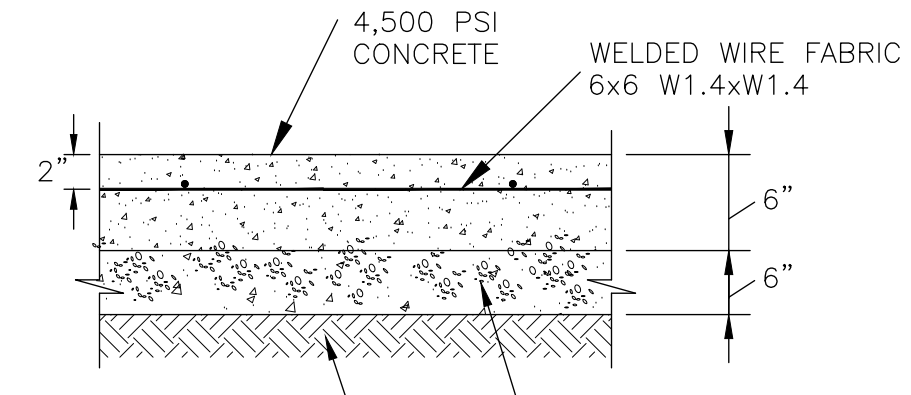
6 PED RAMP SECTION
SCALE:NTS



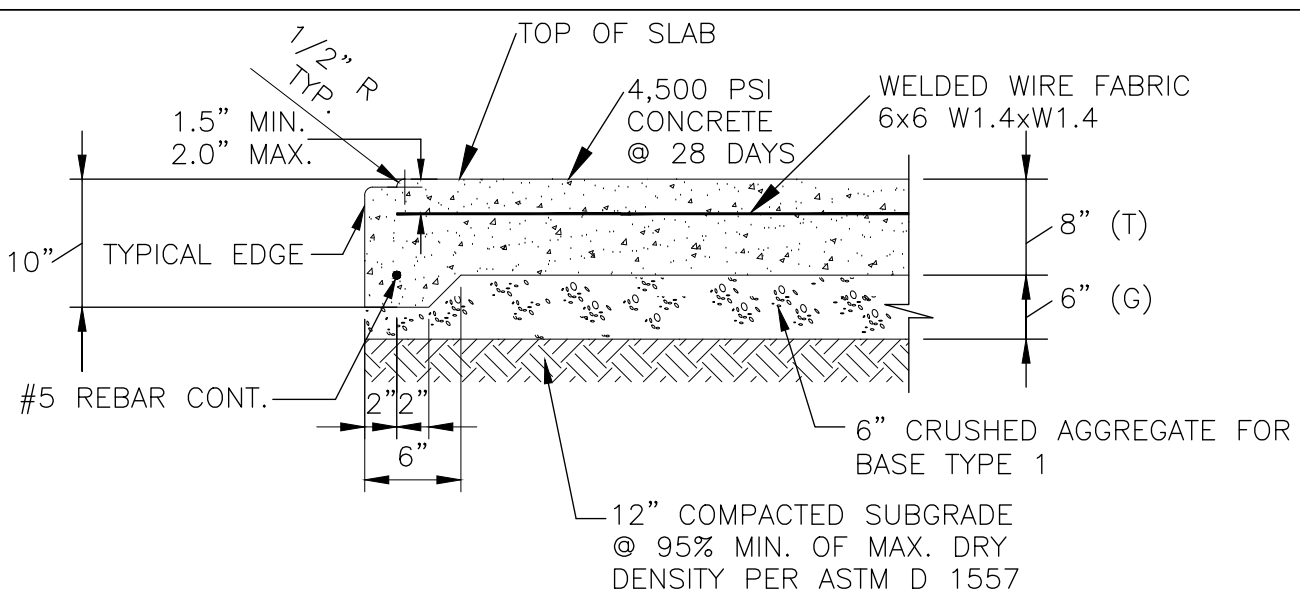
7 CLEANOUT
SCALE:NTS



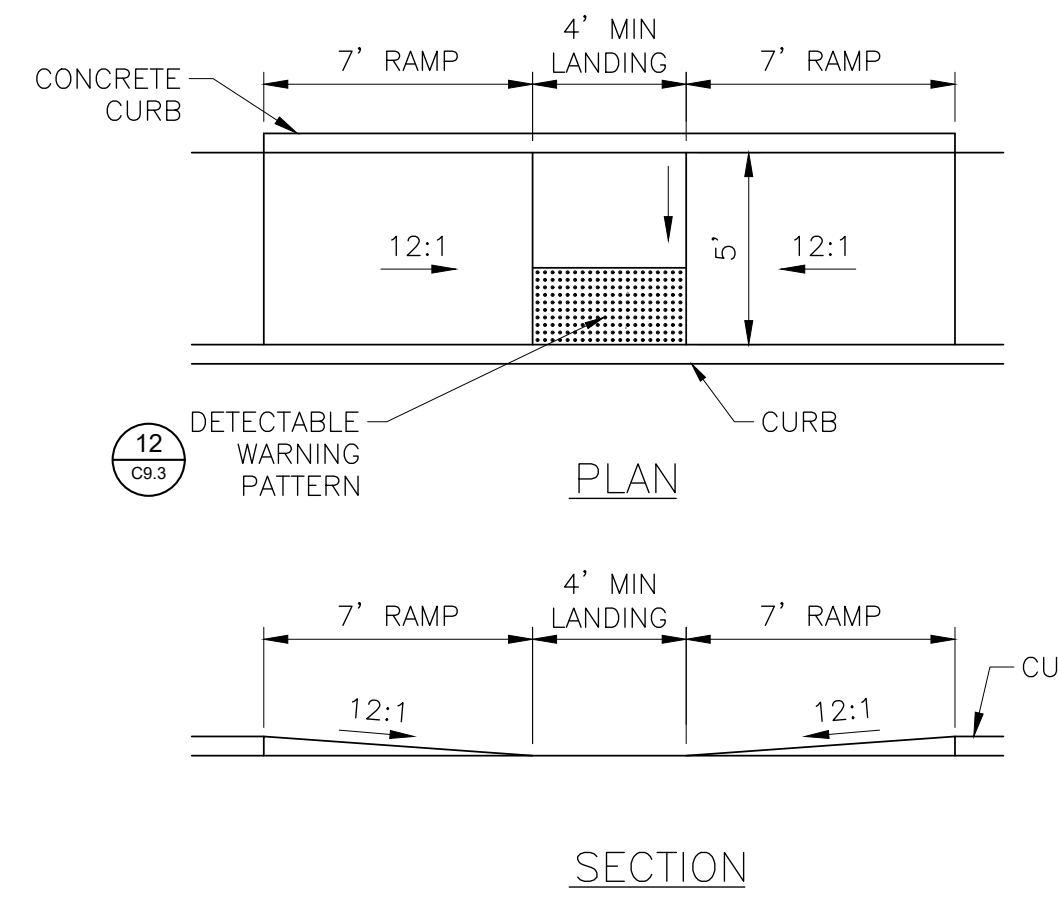
8 PIPE OUTLET DETAIL
SCALE:NTS



9 CONCRETE SLAB
SCALE:NTS

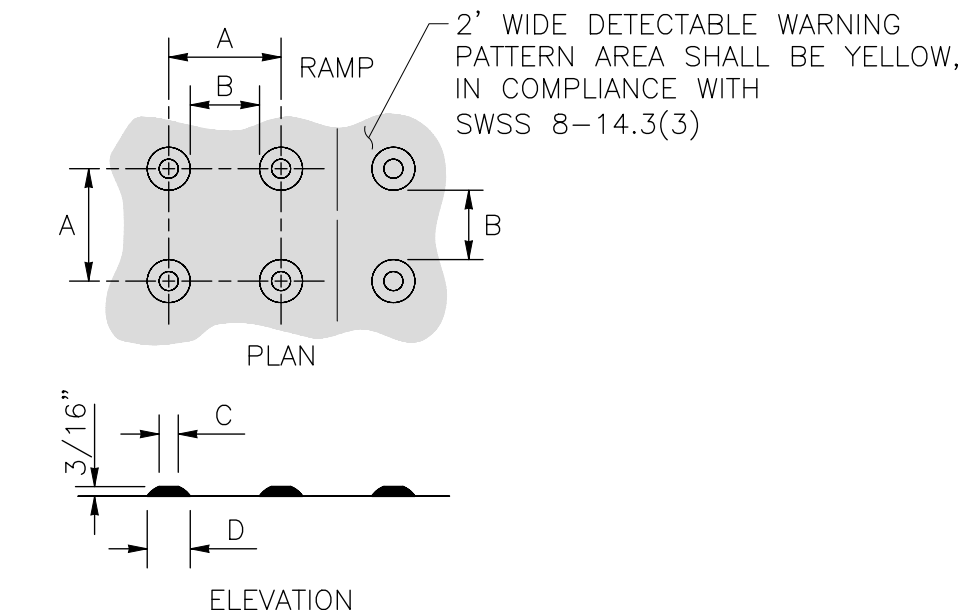


10 RIGID CONCRETE PAVEMENT
SCALE:NTS

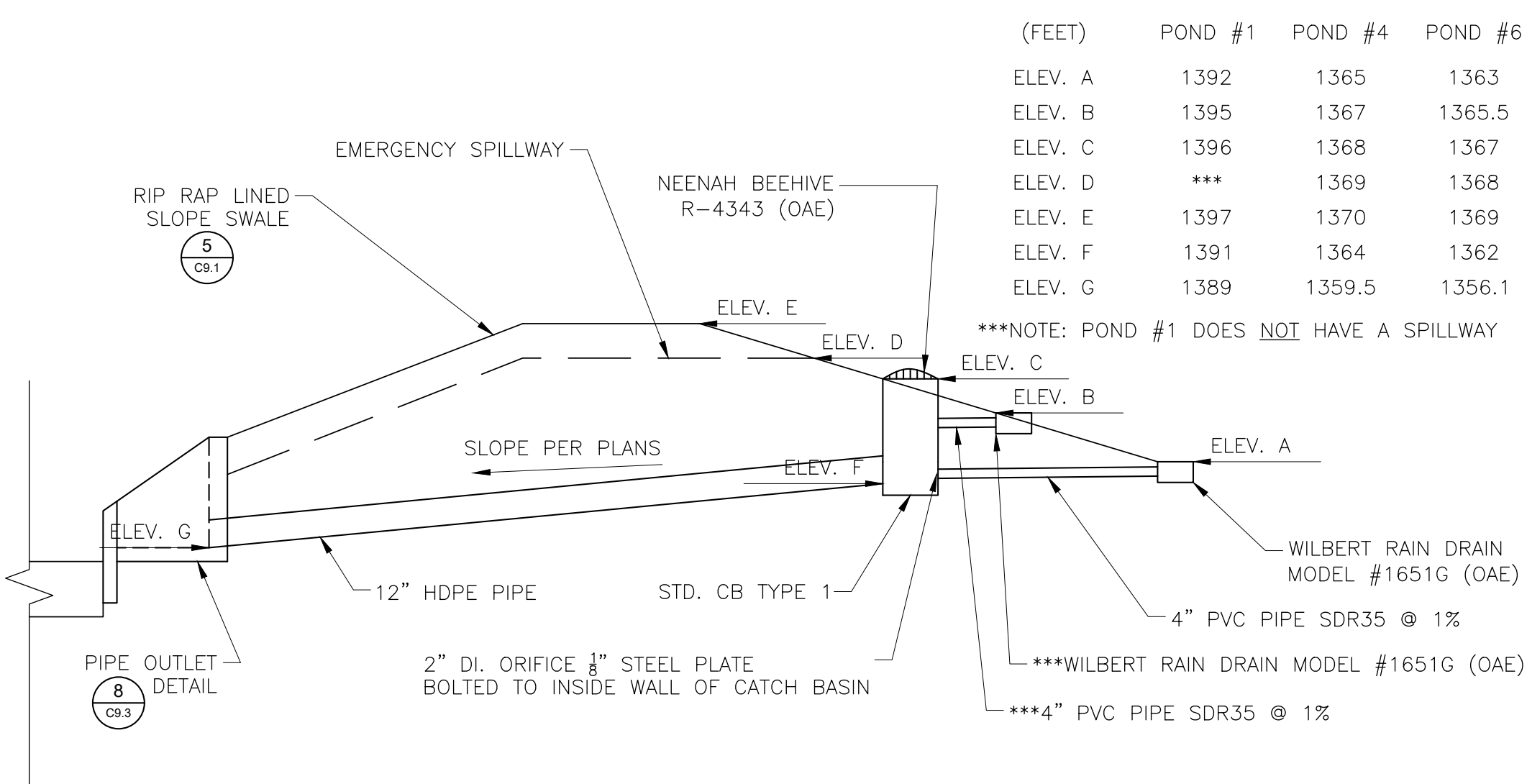


11 HANDICAP PARKING RAMP
SCALE:NTS

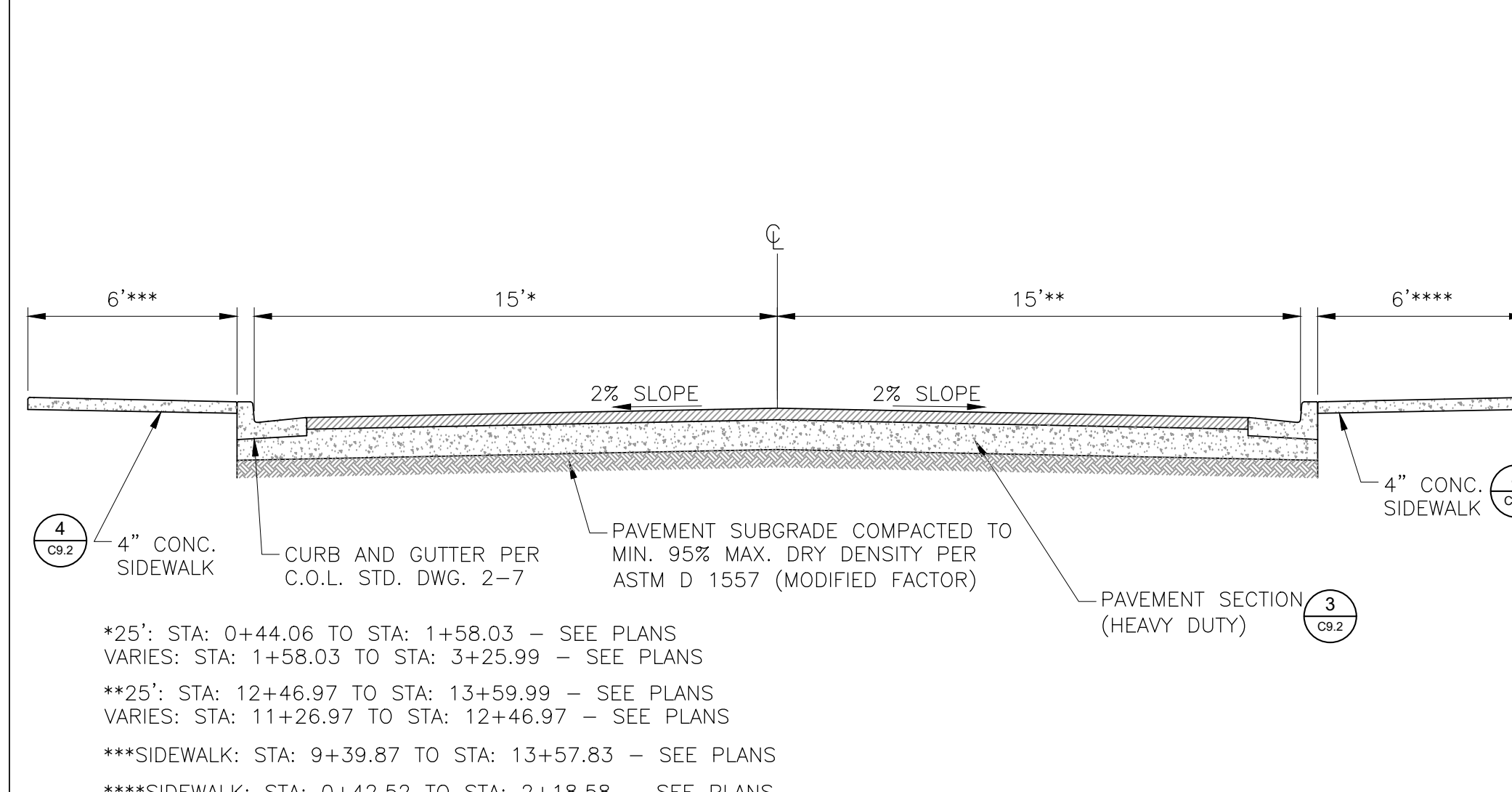
	MIN.	MAX.
A	1 5/8"	2 3/8"
B	5/8"	1 1/2"
C	7/16"	3/4"
D	7/8"	7/16"



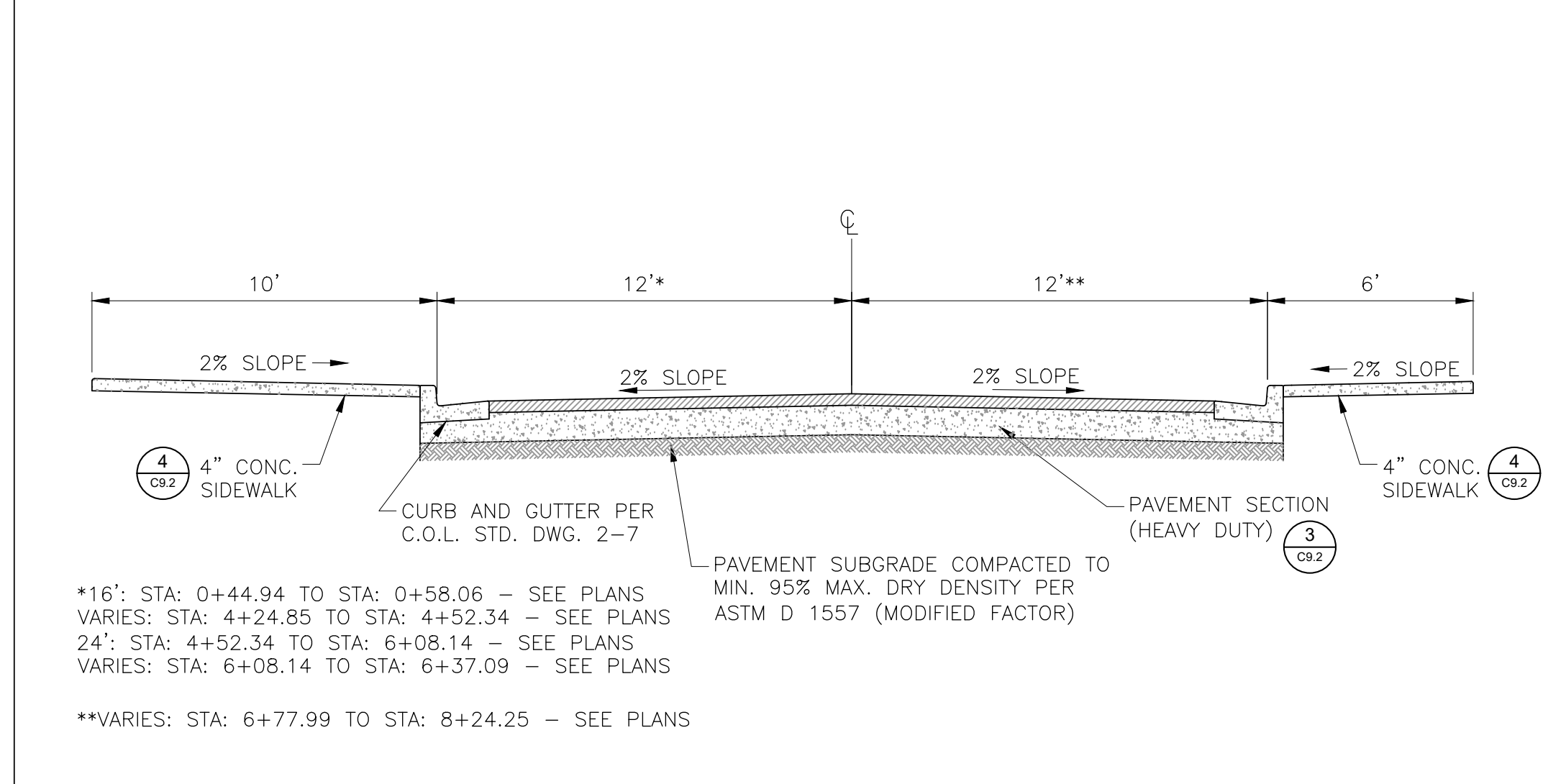
12 DETECTABLE WARNING PATTERN
SCALE:NTS



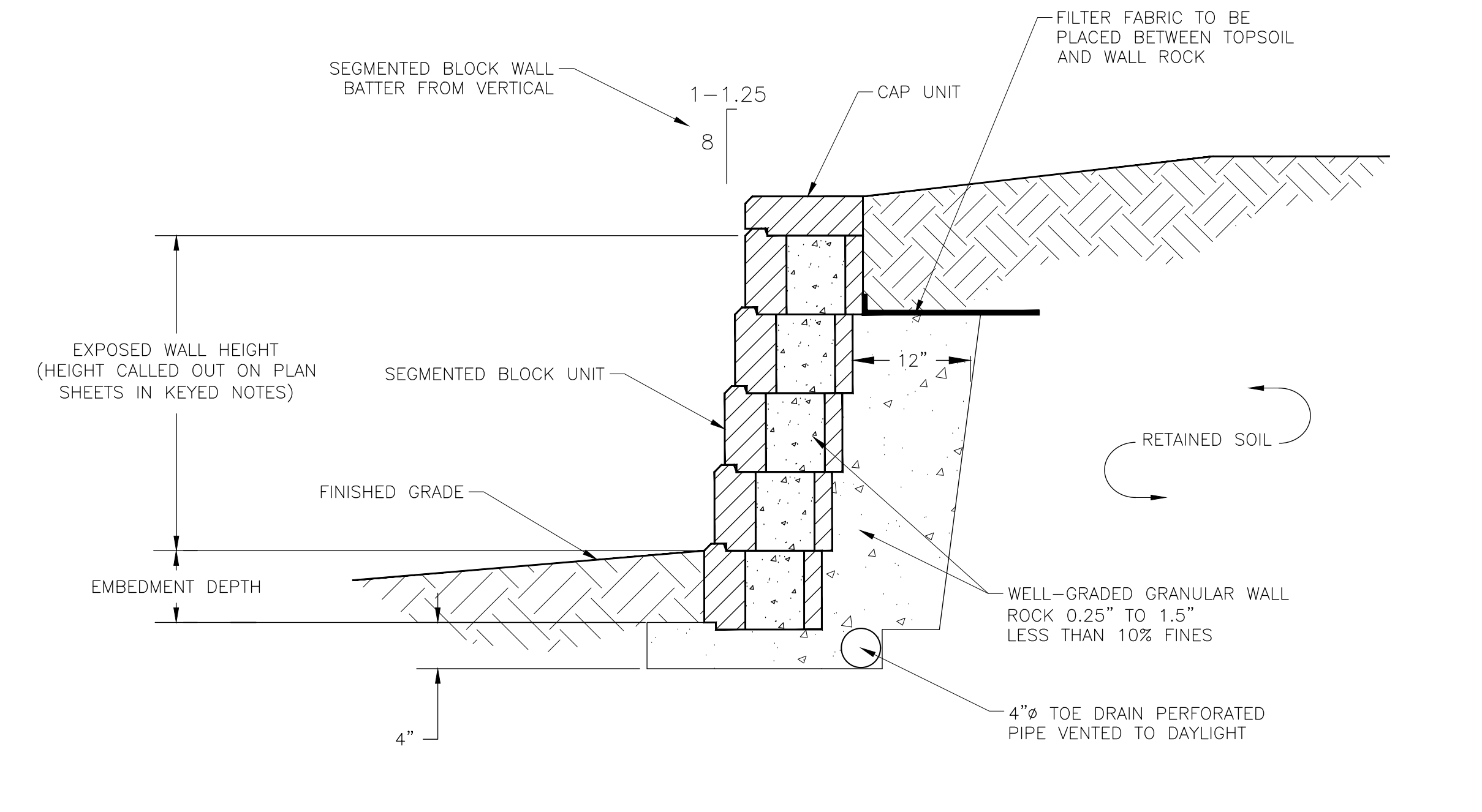
13 POND OUTLET SECTIONS
SCALE:NTS



14 SOUTH ACCESS ROAD TYPICAL SECTION
SCALE:NTS



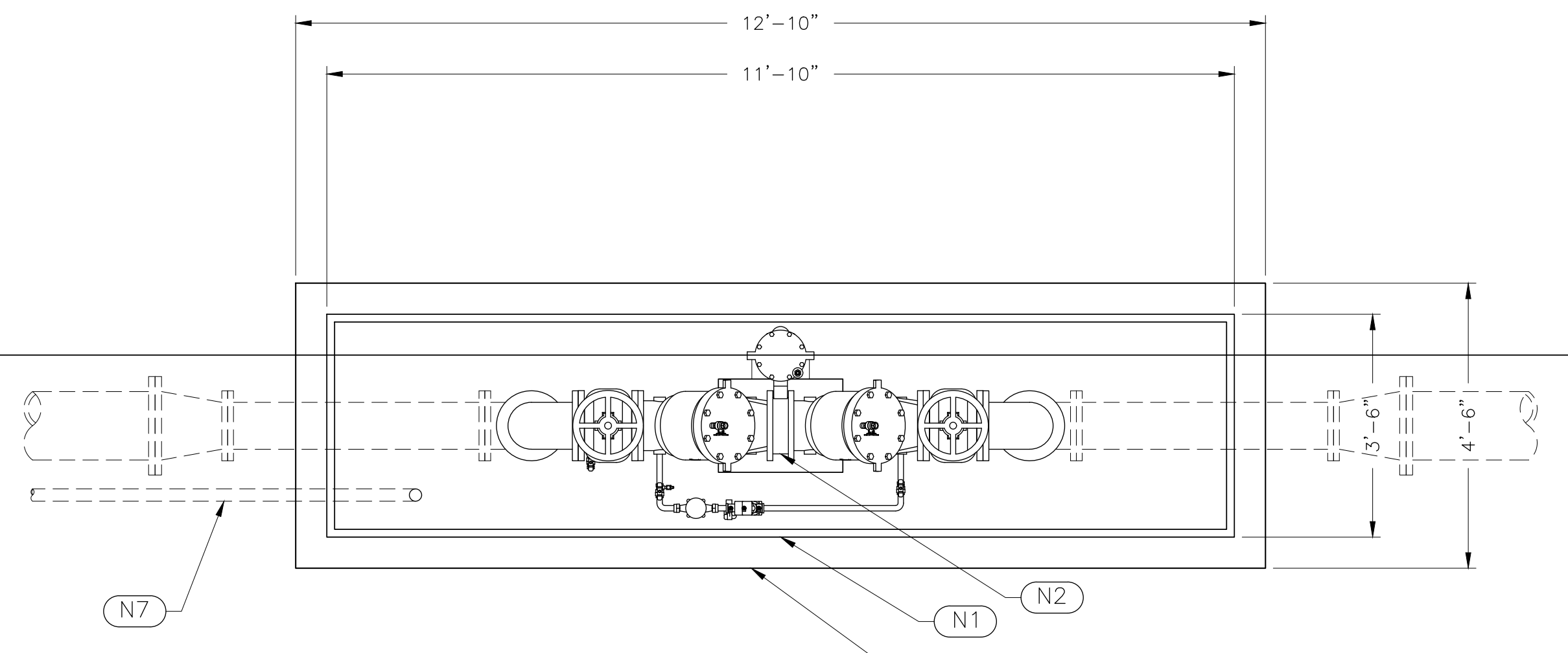
15 NORTH ACCESS ROAD TYPICAL SECTION
SCALE:NTS



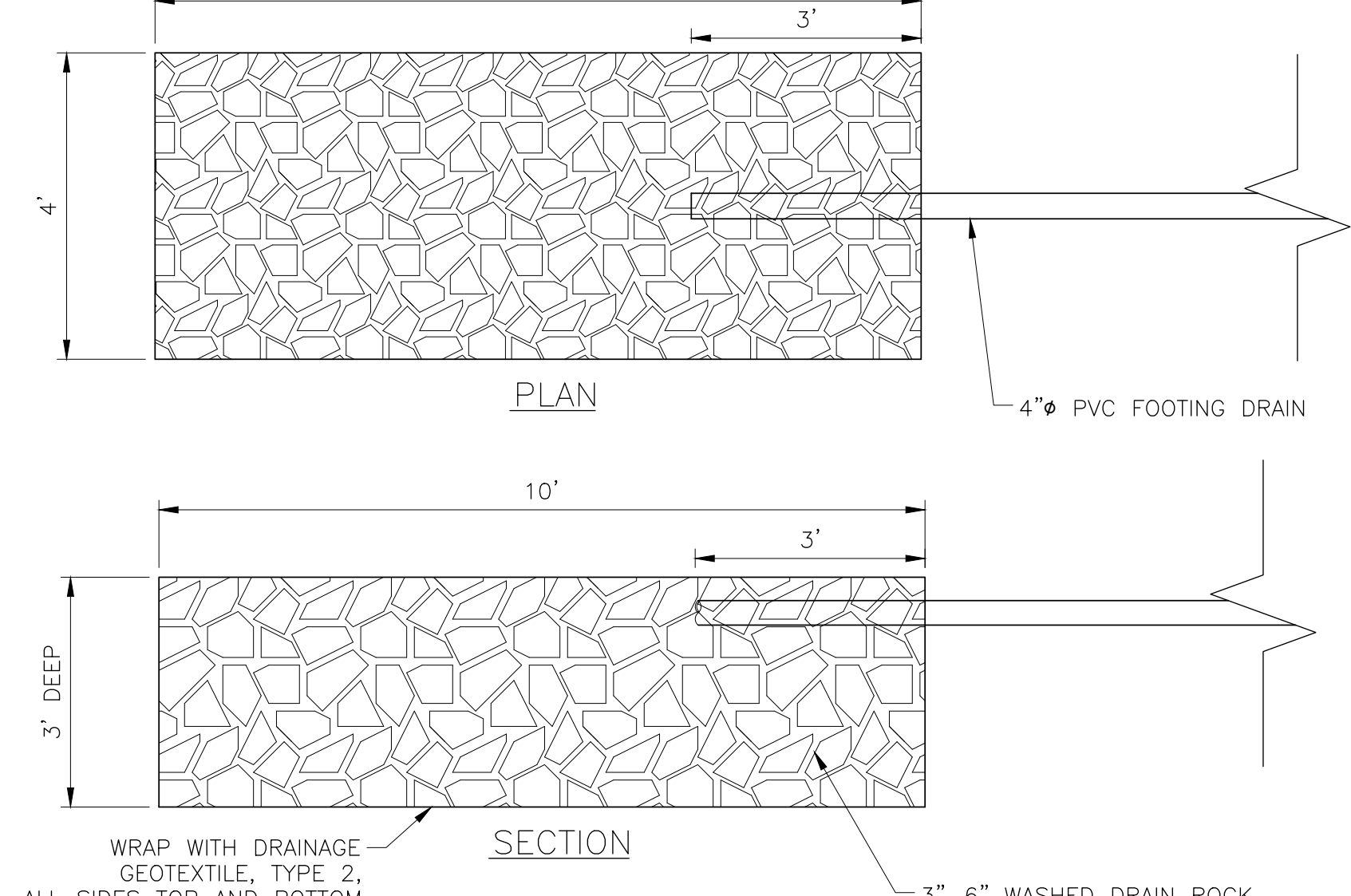
1 TYPICAL SEGMENTED BLOCK WALL SECTION
SCALE: NTS

KEYED NOTES:

- N1** HEATED INSULATED ENCLOSURE, WATTS PROTECTIVE ENCLOSURE MODEL WB-E10 OR EQUIVALENT.
- N2** 6-INCH WATTS SERIES 909 REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STRAINER AND NON-RISING STEM CENTERED IN ENCLOSURE.
- N3** SLAB ON GRADE; SIZE AND THICKNESS AS SHOWN, #4 AT 12" O.C. EACH WAY.
- N4** SLOPE SLAB 1/4" PER FOOT TO DRAIN.
- N5** SLEEVE CONCRETE PENETRATIONS.
- N6** SECURE PER MANUFACTURER'S RECOMMENDATIONS.
- N7** ELECTRICAL CONDUITS AS REQUIRED FOR ENCLOSURE.

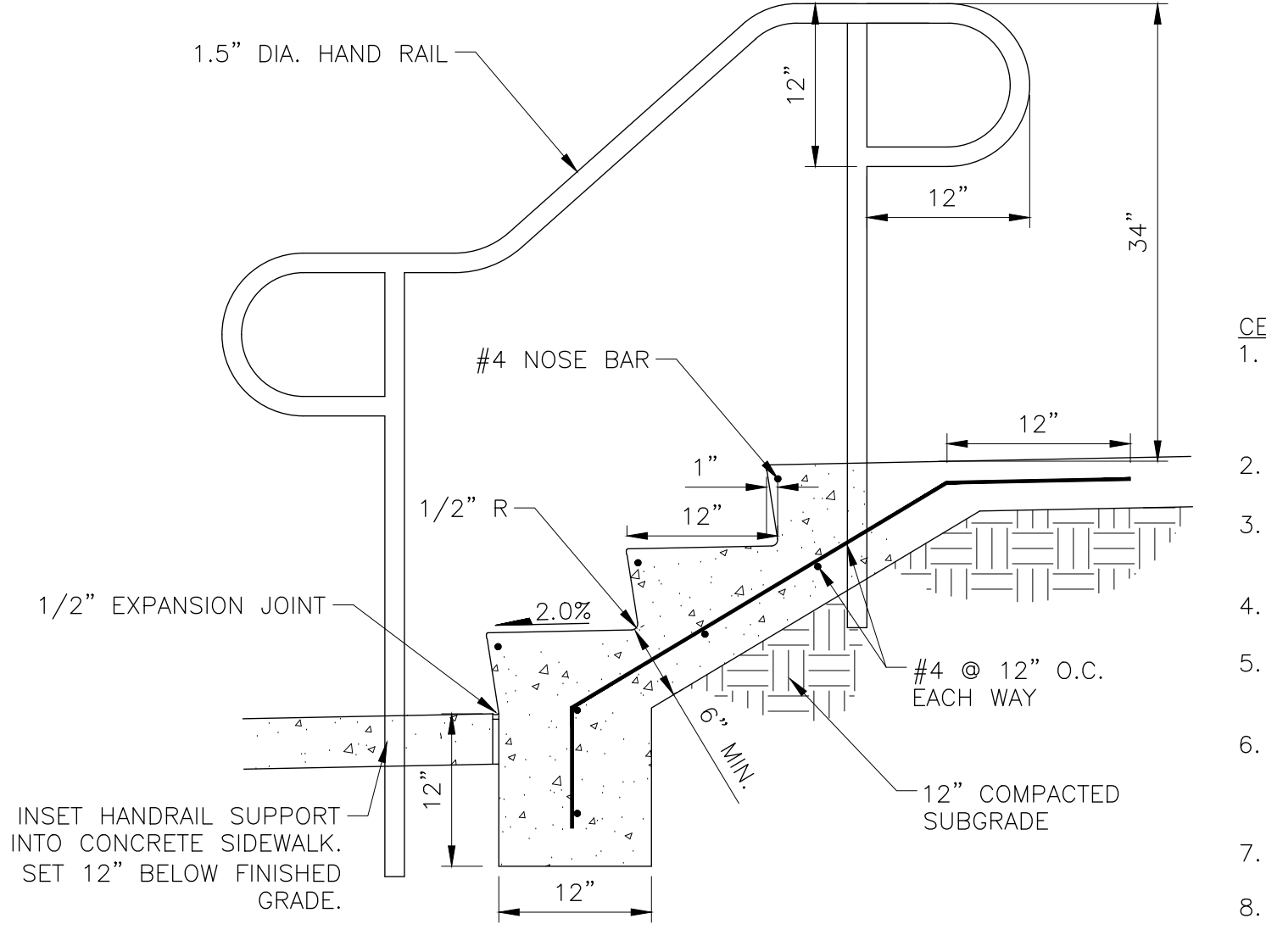


2 IRRIGATION METER BOX
SCALE: NTS



3 REDUCED PRESSURE BACKFLOW PREVENTER
SCALE: NTS

NOTE:
PROVIDE FITTINGS, VALVE AND THRUST RESTRAINT AS REQUIRED.

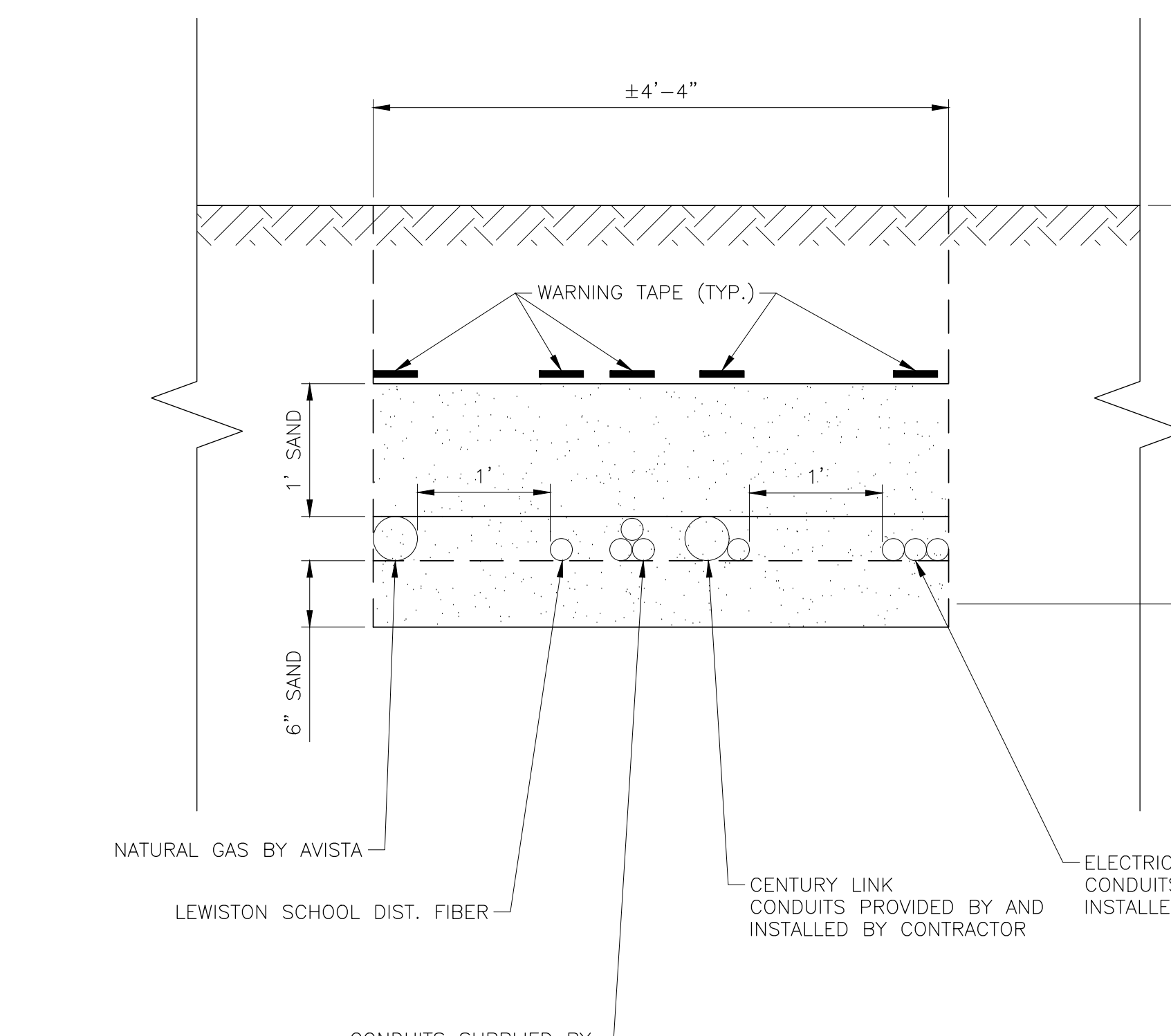


4 FOOTING DRAIN OUTLET DETAIL
SCALE: NTS

5 EXTERIOR CONCRETE STAIR SECTION
SCALE: NTS

CEMENT CONCRETE STAIR NOTES:

1. FIELD VERIFY NUMBER OF RISERS/TREADS TO FIT FIELD CONDITIONS, NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. REFER TO PLAN SHEETS FOR FINISHED GRADES.
2. 1/2" BASE COURSE SHALL BE COMPACTED TO 95% OF MAX. DRY DENSITY PER ASTM D-1557.
3. 4,000 PSI COMPRESSIVE STRENGTH (28-DAY)
4. COMPACT TOP 12-INCHES OF SUBGRADE A MIN. OF 95% OF MAX. DRY DENSITY PER ASTM D-1557.
5. PROVIDE PAINTED HANDRAILS, GUARDRAILS AND INTERMEDIATE HANDRAILS IN ACCORDANCE WITH THE MOST CURRENT IBC.
6. PROVIDE CAST-IN-PLACE NON-SLIP SAFETY NOSINGS AT EACH TREAD.
7. HANDRAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE IBC.



6 KENNY RAY JOINT UTILITY TRENCH
SCALE: NTS

NOTES:

1. TRENCH AND BACKFILL BY CONTRACTOR.
2. SEE PLANS FOR NUMBER AND SIZE OF CONDUITS.