

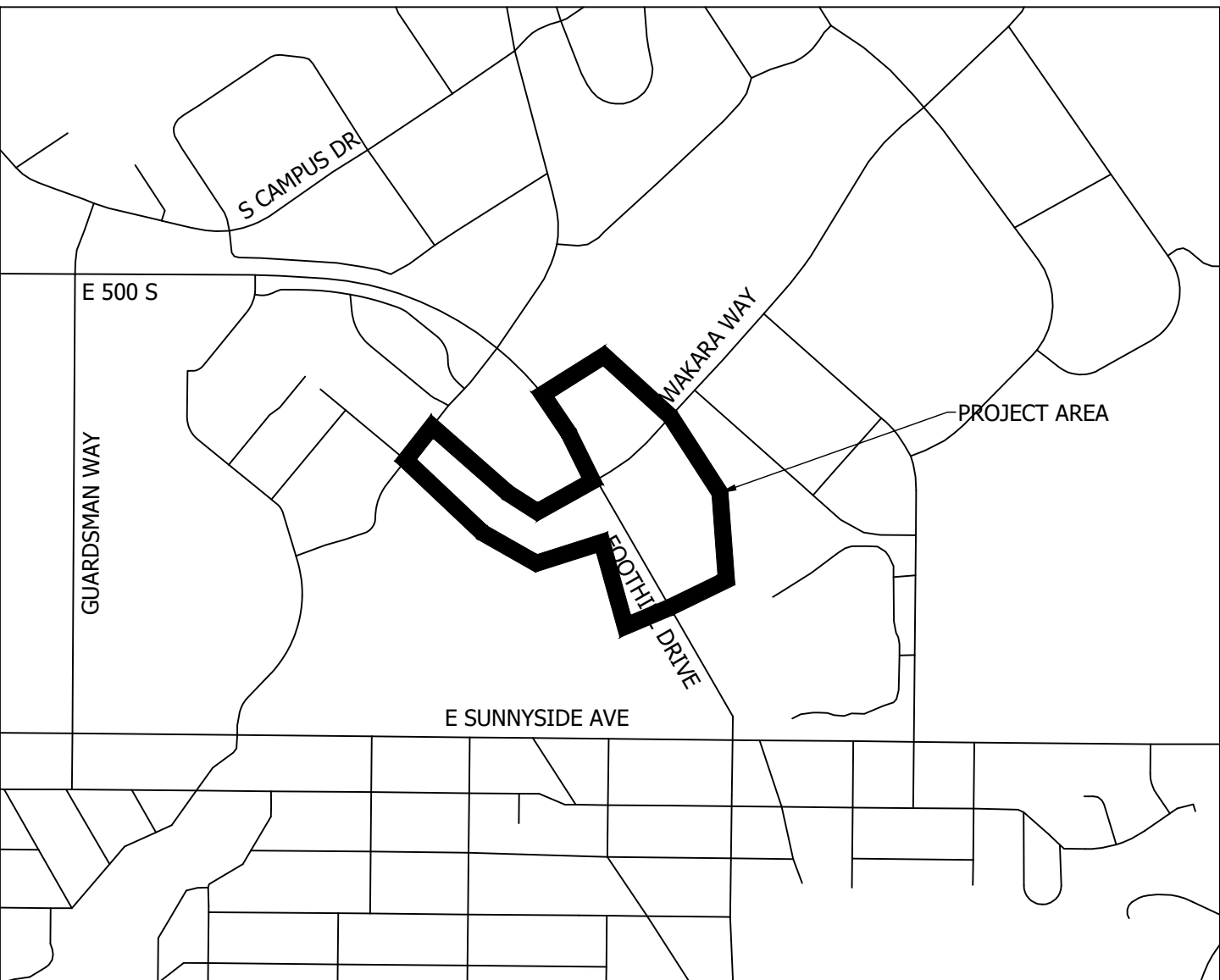
REVISED FINAL

RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

GENERAL NOTES

- 1) ALL WORK WITHIN A PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE RIGHT-OF-WAY OWNER'S STANDARDS & SPECIFICATIONS.
- 2) ALL UTILITY WORK SHALL CONFORM TO THE UTILITY OWNER'S STANDARDS & SPECIFICATIONS.
- 3) THESE PLANS DO NOT INCLUDE DESIGN OF DRY UTILITIES. THESE PLANS MAY CALL FOR RELOCATION, AND/OR REMOVAL AND/OR CONSTRUCTION OF DRY UTILITIES, BUT ARE NOT OFFICIAL DRAWINGS FOR SUCH. DESIGN AND COORDINATION OF DRY UTILITIES IS BY OTHERS.
- 4) THE CONTRACTOR SHALL COORDINATE AND OBTAIN ANY PERMITS REQUIRED FOR THE WORK SHOWN HEREON.
- 5) THE LOCATION AND ELEVATIONS OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS A BEST ESTIMATE BASED ON UTILITY COMPANY RECORDS, BLUESTAKES, AND FIELD MEASUREMENTS OF READILY OBSERVABLE ABOVE-GROUND FEATURES. AS SUCH, THIS INFORMATION MAY NOT BE COMPLETE, UP-TO-DATE, OR ACCURATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STOP WORK AND NOTIFY THE ENGINEER IF CONFLICTING INFORMATION IS FOUND IN THE FIELD.
- 6) THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION AND ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES PRIOR TO STAKING AND CONSTRUCTION.
- 7) CALL BLUESTAKES AT LEAST 48 HOURS PRIOR TO DIGGING. DO NOT PROCEED UNTIL BLUESTAKES ARE MARKED.
- 8) IT SHALL BE THE CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY TO MEET ALL APPLICABLE HEALTH AND SAFETY REGULATIONS, AND THEY SHALL ASSUME SOLE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT, SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK, AND THE PUBLIC IS PROTECTED.



VICINITY MAP

SCALE: 1"=1000'

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4910.23.1.3
PROJECT TEAM
BROCK ANDERSON (DESIGNER)
CHRISTOPHER ARGYLE (PM)
MASSIMO FRY (DESIGNER)
RUBY GUTIERREZ (DRAFTER)
ERIC WHITLOCK (REVIEWER)

U0904237@UTAH.EDU
8015509202

4910.23.1.6
PROJECT TEAM
KEVIN BEIL (QUALITY ASSURANCE)
JADON MALLOY (DESIGNER)
HANNAH MORRISON (DESIGNER)
MARION REED WOOD (PM)

WOOD.MREED@GMAIL.COM
#####

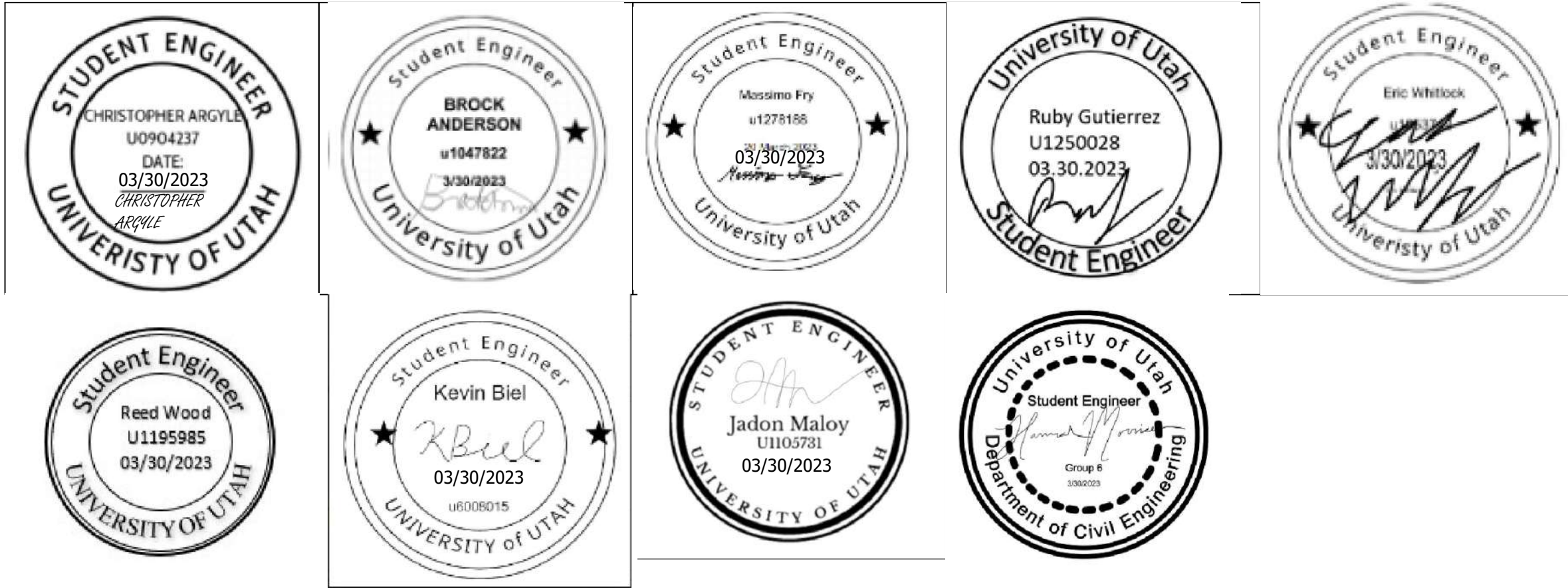
CLIENT: LYNN JACOBS, TRANSPORTATION
PLANNING, SALT LAKE CITY

CONTACT #: 801-535-6630

OWNER: UNIVERSITY OF UTAH

CONTACT #: 801-581-7200

REVISION 1 3/17/23 BY:CSA SUMMARY:ADDITIONAL
DETAILS



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GENERAL NOTES	UTILITY NOTES	GRADING NOTES	LEGEND	LEGEND	LEGEND	ABBREVIATIONS
<div><div>1.</div><div>ALL IMPROVEMENTS SHALL COMPLY WITH THE STANDARDS AND REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY. CONTACT THE PUBLIC WORKS OFFICE BEFORE BEGINNING.</div></div> <div><div>2.</div><div>CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, AND AVAILABILITY OF EXISTING UTILITIES. UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE. SEE UTILITY NOTE 3.</div></div> <div><div>3.</div><div>ALL DIMENSIONS ARE IN FOOT UNITS AND ARE TO THE TOP BACK OF CURB UNLESS SHOWN OR NOTED OTHERWISE.</div></div> <div><div>4.</div><div>PROVIDE HANDICAP RAMPS AT ENDS OF WALKWAYS. END 0.1" ABOVE FLOWLINE OF CURB.</div></div> <div><div>5.</div><div>CURB AND GUTTER SHALL BE AS PER APWA STD DWG NO 205 TYPE A.</div></div> <div><div>6.</div><div>UTILITY INFORMATION INDICATED ON DRAWING IS BASED UPON VISUAL OBSERVATION OR INFORMATION FURNISHED BY MUNICIPAL AUTHORITIES WHICH MAY NOT BE VALID. LATERAL LOCATIONS AND ELEVATIONS ARE ASSUMED. SEE UTILITY NOTE 3.</div></div> <div><div>7.</div><div>ALL GRADING SHALL BE DONE UNDER THE SUPERVISION OF A QUALIFIED SOILS ENGINEER WHO SHALL VERIFY THAT ALL FILL HAS BEEN PLACED IN ACCORDANCE WITH PROVISIONS IN CURRENT INTERNATIONAL BUILDING CODE.</div></div> <div><div>8.</div><div>COMPACTION TEST REPORTS SHALL BE MADE AVAILABLE TO THE ENGINEER WITHIN 24 HOURS OF A REQUEST. FINAL REPORTS AS SPECIFIED IN CURRENT INTERNATIONAL BUILDING CODE SHALL BE SUBMITTED TO THE ENGINEER WITHIN TEN DAYS AFTER COMPLETION OF GRADING.</div></div> <div><div>9.</div><div>ALL STORM DRAIN PIPE SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND THE LOCAL GOVERNING MUNICIPALITY'S STANDARDS AND SPECIFICATIONS.</div></div> <div><div>10.</div><div>STORM DRAIN PIPE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE RIGHT-OF-WAY OWNER'S SPECIFICATIONS. PRIVATE STORM DRAIN PIPE OPTIONS SHALL CONSIST OF THE FOLLOWING MATERIALS.<div><div>1.</div><div>PVC PIPE, ASTM D3034, SDR 35, BELL & SPIGOT TYPE.</div></div><div><div>2.</div><div>RCP PIPE, CLASS 3, BELL & SPIGOT TYPE.</div></div><div><div>3.</div><div>HIGH DENSITY CORRUGATED POLYETHYLENE SMOOTH INTERIOR PIPE, ASTM D3350 WITH WATERTIGHT JOINTS.</div></div></div></div> <div><div>11.</div><div>THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CHECK CONDITIONS AT THE SITE BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.</div></div> <div><div>12.</div><div>TYPICAL DETAILS SHALL APPLY IN GENERAL CONSTRUCTION UNLESS SPECIFICALLY DETAILED. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION WILL BE AS FOR SIMILAR WORK. DO NOT SCALE DRAWINGS.</div></div> <div><div>13.</div><div>ANY OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED.</div></div> <div><div>14.</div><div>PIPE BEDDING SHALL BE 3/8" MAXIMUM AGGREGATE. USE 3/4" MAXIMUM SIZE ROAD BASE FOR BACKFILL MATERIAL. COMPACT TO 95% STANDARD PROCTOR DENSITY. MAXIMUM LIFT 8 INCHES.</div></div> <div><div>15.</div><div>CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PUBLIC AND OSHA STANDARDS.</div></div> <div><div>16.</div><div>ALL WORK SHALL COMPLY WITH THE AMERICAN PUBLIC WORKS ASSOCIATION UTAH CHAPTER (APWA) MANUAL OF STANDARD SPECIFICATIONS 2007 EDITION WITH ALL PERTINENT SUPPLEMENTS AND AMENDMENTS AND THE MANUAL OF STANDARD PLANS 2007 EDITION. SAID STANDARD SPECIFICATIONS AND PLANS SHALL BE THE REQUIREMENTS.</div></div> <div><div>17.</div><div>IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THE WORK TO BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPRETATION THEREOF SHALL BE CONCLUSIVE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORITY FROM THE OWNER AND/OR ENGINEER.</div></div> <div><div>18.</div><div>THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.</div></div> <div><div>19.</div><div>THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL; ELECTRICAL AND INSTRUMENTATION EQUIPMENT; PIPING AND CONDUITS; STRUCTURES AND OTHER FACILITIES. THE AS-BUILT RECORD DRAWINGS SHALL INCLUDE THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES, PULLBOXES, AND WIRE SIZES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.</div></div> <div><div>20.</div><div>PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.</div></div>	<div><div>1.</div><div>ALL SERVICE LATERALS SHALL BE EXTENDED 2 FEET PAST THE 10 FOOT P.U.E.</div></div> <div><div>2.</div><div>ALL CONSTRUCTION SHALL COMPLY WITH LOCAL GOVERNING MUNICIPALITY DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS</div></div> <div><div>3.</div><div>LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. CONTRACTOR IS TO FIELD VERIFY CONNECTION POINTS WITH EXISTING UTILITIES, INCLUDING LOCATIONS AND INVERT ELEVATIONS OF ALL EXISTING STRUCTURES OR PIPES, BEFORE STAKING OR CONSTRUCTING ANY NEW UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURE THAT ARE TO REMAIN.</div></div> <div><div>4.</div><div>CONTRACTOR IS RESPONSIBLE TO EXPOSE ALL UTILITY SERVICES STUBBED INTO PROJECT PROPERTY AND GIVE ENTELLUS. 48 HOURS PRIOR NOTICE SO ENTELLUS CAN VERIFY DEPTHS AND INVERT ELEVATIONS TO DETERMINE IF CONFLICTS EXIST. ALSO ANY EXISTING UTILITIES THAT RUN ACROSS PROJECT PROPERTY WHICH MAY CAUSE POTENTIAL CONFLICT NEED TO BE EXPOSED AND LOCATED BOTH HORIZONTALLY AND VERTICALLY. CONTRACTOR PROCEEDS AT OWN RISK IF ENTELLUS IS NOT NOTIFIED TO FIELD VERIFY THE ABOVE MENTIONED CONDITIONS.</div></div> <div><div>5.</div><div>CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL DRAWINGS WHERE APPLICABLE.</div></div> <div><div>6.</div><div>NO GROUNDWATER OR DEBRIS TO BE ALLOWED TO ENTER THE NEW PIPE DURING CONSTRUCTION. THE OPEN END OF ALL PIPES IS TO BE COVERED AND EFFECTIVELY SEALED AT THE END OF EACH DAYS WORK.</div></div> <div><div>7.</div><div>IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL PIPE OF ADEQUATE CLASSIFICATION WITH SUFFICIENT BEDDING TO MEET ALL REQUIREMENTS AND RECOMMENDATIONS FOR H-20 LOAD REQUIREMENTS.</div></div> <div><div>8.</div><div>ALL NEW SANITARY SEWER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.</div></div> <div><div>9.</div><div>ALL SEWER LINES AND LATERALS ARE TO BE SDR 35 PVC PIPE.</div></div> <div><div>10.</div><div>SEWER LATERALS WILL BE INSTALLED AT A UNIFORM SLOPE OF NOT LESS THAN 2% GRADE AND THEY SHALL HAVE A MINIMUM OF 4 FEET OF COVER, UNLESS OTHERWISE NOTED.</div></div> <div><div>11.</div><div>ALL NEW CULINARY AND IRRIGATION WATER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.</div></div> <div><div>12.</div><div>WATER LINES TO BE PVC C-900. WATER LINES SHALL BE A MINIMUM OF 10' HORIZONTALLY FROM SEWER MAINS. CROSSINGS SHALL MEET STATE HEALTH STANDARDS. (MECHANICAL JOINTS REQUIRED WHEN LESS THAN 18" VERTICAL OR 10' HORIZONTAL SEPARATION FROM SEWER LINES.)</div></div> <div><div>13.</div><div>ALL WATER LINES SHALL BE 8" MINIMUM SIZE AND SERVICE LATERALS SHALL BE 1-1/2" MINIMUM UNLESS OTHERWISE NOTED.</div></div> <div><div>14.</div><div>WATER SERVICE LATERALS TO INCLUDE ALL BRASS SADDLE; CORP. STOP LATERAL, DOUBLE CHECK VALVE AND BACKFLOW PREVENTION DEVICE, AND SHUTOFF VALVE IN BOX NEAR BUILDING EDGE.</div></div> <div><div>15.</div><div>ALL WATER LINES SHALL BE A MINIMUM 48" BELOW FINISH GROUND TO TOP OF PIPE. ALL VALVE BOXES AND MANHOLES SHALL BE RAISED OR LOWERED TO FINISH GRADE AND SHALL INCLUDE A CONCRETE COLLAR IN PAVED AREAS.</div></div> <div><div>16.</div><div>CONTRACTOR TO NOTIFY PUBLIC UTILITIES FOR CHLORINE TEST PRIOR TO FLUSHING LINES, CHLORINE LEFT IN PIPE 24 HOURS MINIMUM WITH 25 PPM RESIDUAL. ALL TURNING OF MAINLINE VALVES, CHLORINATION, FLUSHING, PRESSURE TESTING, BACTERIA TESTING, ETC. TO BE COORDINATED WITH LOCAL GOVERNING MUNICIPALITY. ALL TESTS TO BE IN ACCORDANCE WITH AWWA STANDARDS.</div></div> <div><div>17.</div><div>BOTTOM FLANGE OF FIRE HYDRANTS TO BE SET TO APPROXIMATELY 4" INCHES ABOVE BACK OF CURB ELEVATION. HYDRANTS TO INCLUDE TEE, 6" LINE VALVE, AND HYDRANT COMPLETE TO MEET CITY STANDARDS.</div></div> <div><div>18.</div><div>ALL NEW STORM DRAIN/LAND DRAIN CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.</div></div> <div><div>19.</div><div>ALL STORM WATER CONVEYANCE PIPING TO BE RCP - CLASS 3 OR EQUAL, UNLESS OTHERWISE NOTED.</div></div> <div><div>20.</div><div>CONTRACTOR IS TO SUBMIT SITE PLAN/SUBDIVISION PLAT TO DOMINION ENERGY GAS FOR DESIGN OF GAS SERVICE TO BUILDINGS/LOTS. CONTRACTOR TO COORDINATE WITH DOMINION ENERGY GAS FOR CONTRACTOR LIMITS OF WORK VERSUS DOMINION ENERGY GAS LIMITS.</div></div> <div><div>21.</div><div>ALL GAS LINE TAPS TO BE HDPE WITH COPPER TRACER WIRE AND DETECTA TAPE. TERMINATE TRACER WIRE AT APPROVED LOCATIONS.</div></div> <div><div>22.</div><div>ALL GAS LINE TAPS, VALVES AND CAPS TO BE FUSED USING ELECTRO-FUSION TECHNOLOGY.</div></div> <div><div>23.</div><div>ALL ELECTRICAL CONDUITS/LINES TO BE PVC SCH 40 OR BETTER.</div></div> <div><div>24.</div><div>ALL PHONE AND TV CONDUITS TO BE PVC SCH 40 OR BETTER.</div></div> <div><div>25.</div><div>CONTRACTOR IS TO SUBMIT SITE PLAN/SUBDIVISION PLAT TO COMCAST FOR DESIGN OF CABLE TV SERVICE TO BUILDINGS/LOTS. CONTRACTOR TO COORDINATE WITH COMCAST FOR CONTRACTOR LIMITS OF WORK VERSES COMCAST LIMITS.</div></div> <div><div>26.</div><div>CONTRACTOR IS TO COORDINATE LOCATIONS OF NEW TELEPHONE SERVICE TO NEW BUILDINGS OR LOTS WITH CENTURYLINK. A PVC CONDUIT, PLYWOOD BACKBOARD, AND GROUND WIRE IS REQUIRED FOR SERVICE THROUGH PROPERTY. COORDINATE SIZES AND LOCATION WITH CENTURYLINK.</div></div> <div><div>27.</div><div>ALL UTILITIES ARE TO BE INSTALLED IN ACCORDANCE WITH THE CORRESPONDING AGENCY/DISTRICT STANDARDS AND SPECIFICATIONS: WATER - SALT LAKE CITY SEWER - SALT LAKE CITY STORM DRAIN - SALT LAKE CITY IRRIGATION - SALT LAKE CITY ELECTRICAL - ROCKY MOUNTAIN POWER TELEPHONE - CENTURYLINK NATURAL GAS - DOMINION ENERGY</div></div>	<div><div>1.</div><div>SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING IT WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557 EXCEPT UNDER BUILDING FOUNDATION WHERE IT SHALL BE 95% MIN. OF MAXIMUM DENSITY. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED SOILS ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED, HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS. REPORT.</div></div> <div><div>2.</div><div>THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THE PROJECT. SPECIFIC DETAILS SHOWN SHALL BE USED IN COMBINATION WITH OTHER ACCEPTED LOCAL PRACTICES.</div></div> <div><div>3.</div><div>EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.</div></div> <div><div>4.</div><div>IF AT ANY TIME DURING CONSTRUCTION ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, WORK IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED FROM THE ENGINEER.</div></div> <div><div>5.</div><div>THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS/HER OWN ESTIMATE OF EARTHWORK QUANTITIES.</div></div> <div><div>6.</div><div>WHERE NEW CURB AND GUTTER IS BEING CONSTRUCTED ADJACENT TO EXISTING ASPHALT OF CONCRETE PAVEMENT, THE FOLLOWING SHALL APPLY:<div><div>•</div><div>PRIOR TO PLACEMENT OF ANY CONCRETE THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY THE GRADE AND CROSS SLOPE OF THE CURB AND GUTTER FORMS.</div></div><div><div>•</div><div>THE CONTRACTOR SHALL SUBMIT THE SLOPE AND GRADES TO THE ENGINEER FOR APPROVAL PRIOR TO THE PLACEMENT OF CONCRETE.</div></div><div><div>•</div><div>THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SECTION WHICH DOES NOT CONFORM TO THE DESIGN OR TYPICAL CROSS SECTION.</div></div><div><div>•</div><div>THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CURB AND GUTTER POURS WITHOUT THE APPROVAL OF THE ENGINEER.</div></div></div></div>	<div><div><div><div></div><div>SECTION CORNER</div></div><div><div></div><div>MONUMENT</div></div><div><div></div><div>EXISTING SPOT ELEVATION</div></div><div><div></div><div>PROPOSED SPOT ELEVATION</div></div><div><div></div><div>DOWNWARD GRADE</div></div><div><div></div><div>EXISTING INDEX CONTOUR</div></div><div><div></div><div>EXISTING MINOR CONTOUR</div></div><div><div></div><div>PROPOSED CONTOUR</div></div><div><div></div><div>PROPOSED MINOR CONTOUR</div></div><div><div></div><div>LOT OR BOUNDARY LINE</div></div><div><div></div><div>PUBLIC UTILITY EASEMENT</div></div><div><div></div><div>BUILDABLE AREA 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DRAIN</div></div><div><div></div><div>LAND DRAIN MANHOLE</div></div><div><div></div><div>EXISTING STORM DRAIN</div></div><div><div></div><div>PROPOSED STORM DRAIN</div></div><div><div></div><div>STORM DRAIN MANHOLE</div></div><div><div></div><div>CATCH BASIN / CLEANOUT</div></div><div><div></div><div>CURB INLET</div></div></div></div>		
<div>SEQUENCE OF CONSTRUCTION</div>			<div>ABBREVIATIONS</div>			
<div><div>1.</div><div>CONSTRUCTION EXIT IS TO BE CONSTRUCTED AT TIME OF ENTRY TO SITE.</div></div> <div><div>2.</div><div>CLEAR AND GRUB AREAS FOR SEDIMENT MEASURES.</div></div> <div><div>3.</div><div>INSTALL SILT FENCES.</div></div> <div><div>4.</div><div>COMPLETE CLEARING OF SITE AND BEGIN ROUGH GRADING.</div></div> <div><div>5.</div><div>FILL AREAS SHALL BE FILLED IN 12 INCH MAXIMUM LIFTS AND COMPACTED TO AT LEAST 95% MAXIMUM DENSITY.</div></div> <div><div>6.</div><div>DRAINAGE WILL BE CONTROLLED AND GROUND SLOPED SO AS TO DIRECT RUNOFF TO SEDIMENT CONTROLLED INLETS.</div></div> <div><div>7.</div><div>INSTALL REMAINDER OF STORM DRAIN.</div></div> <div><div>8.</div><div>INSTALL UTILITY LINES, WATER, ETC.</div></div> <div><div>9.</div><div>INSTALL CURBS, WALKS, ETC., AND STABILIZE ALL DISTURBED AREAS.</div></div> <div><div>10.</div><div>INSTALL BASE COURSE.</div></div> <div><div>11.</div><div>REMOVE SEDIMENT CONTROL MEASURES, CLEAN OUT TEMPORARY SEDIMENTATION BASINS AND REGRADE, CLEAN OUT SEDIMENT TRAPS AND CONVERT THEM TO STORM WATER MANAGEMENT STRUCTURES.</div></div> <div><div>12.</div><div>PAVE SITE.</div></div> <div><div>13.</div><div>OWNER TO BE RESPONSIBLE TO CHECK CLEAN OUT INLET BOXES FOR SEDIMENT AND OIL AND CLEAN AS NECESSARY</div></div>	<div><div><div><div></div><div>DIAMETER</div></div><div><div></div><div>DELTA</div></div><div><div></div><div>DEGREES</div></div><div><div></div><div>MINUTES, FEET</div></div><div><div></div><div>SECONDS, INCHES</div></div><div><div></div><div>AMERICAN DISABILITIES ACT</div></div><div><div></div><div>CORRUGATED BLACK PLASTIC PIPE</div></div><div><div></div><div>AMERICAN PUBLIC WORKS ASSOCIATION</div></div><div><div></div><div>ARCHITECT, ARCHITECTURAL</div></div><div><div></div><div>AMERICAN SOCIETY FOR TESTING AND MATERIALS</div></div><div><div></div><div>AMERICAN WATER WORKS ASSOCIATION</div></div><div><div></div><div>BOUNDARY LINE AGREEMENT</div></div><div><div></div><div>BUILDING</div></div><div><div></div><div>BENCHMARK</div></div><div><div></div><div>BACK OF WALK</div></div><div><div></div><div>BEARING</div></div><div><div></div><div>BUTTERFLY VALVE</div></div><div><div></div><div>CURB AND GUTTER</div></div><div><div></div><div>CATCH BASIN</div></div><div><div></div><div>CHORD</div></div><div><div></div><div>CHORD BEARING</div></div><div><div></div><div>CAST IRON</div></div><div><div></div><div>CAST IN PLACE</div></div><div><div></div><div>CENTERLINE</div></div><div><div></div><div>CORRUGATED METAL PIPE</div></div><div><div></div><div>CLEANOUT</div></div><div><div></div><div>COMMUNICATIONS</div></div><div><div></div><div>CONCRETE</div></div><div><div></div><div>CONSTRUCTION</div></div><div><div></div><div>CULINARY</div></div><div><div></div><div>CULINARY WATER</div></div><div><div></div><div>CULINARY WATERLINE</div></div><div><div></div><div>DEMOLITION</div></div><div><div></div><div>DUCTILE IRON</div></div><div><div></div><div>DIAMETER</div></div><div><div></div><div>DISTANCE</div></div><div><div></div><div>DRAWING</div></div><div><div></div><div>EAST, ELECTRICITY, ELECTRICAL</div></div><div><div></div><div>EASEMENT</div></div><div><div></div><div>EXISTING GRADE</div></div><div><div></div><div>ELBOW</div></div><div><div></div><div>ELECTRICAL</div></div><div><div></div><div>ELEVATION</div></div><div><div></div><div>EDGE OF ASPHALT</div></div><div><div></div><div>END VERTICAL CURVE</div></div><div><div></div><div>END VERTICAL CURVE ELEVATION</div></div><div><div></div><div>END VERTICAL CURVE STATION</div></div><div><div></div><div>EXISTING</div></div><div><div></div><div>FINISH FLOOR ELEVATION</div></div><div><div></div><div>FINISH GRADE</div></div><div><div></div><div>FIRE HYDRANT</div></div><div><div></div><div>FLOWLINE FND FOUNDATION</div></div><div><div></div><div>FIRE PROTECTION</div></div><div><div></div><div>FOOTING</div></div><div><div></div><div>GAS, NATURAL GAS</div></div><div><div></div><div>GRADE BREAK</div></div><div><div></div><div>GATE VALVE</div></div><div><div></div><div>HIGH-DENSITY POLYETHYLENE PIPE</div></div><div><div></div><div>HIGH POINT</div></div><div><div></div><div>HIGH POINT ELEVATION</div></div></div></div>					
<div>NOTE: DRAWING IS FOR ACADEMIC USE ONLY</div>						

DIAMETER

DELTA

DEGREES

MINUTES, FEET

SECONDS, INCHES

AMERICAN DISABILITIES ACT

CORRUGATED BLACK PLASTIC PIPE

AMERICAN PUBLIC WORKS ASSOCIATION

ARCHITECT, ARCHITECTURAL

AMERICAN SOCIETY FOR TESTING AND MATERIALS

AMERICAN WATER WORKS ASSOCIATION

BAR & CAP

BOUNDARY LINE AGREEMENT

BUILDING

BENCHMARK

BOUNDARY

BACK OF WALK

BEARING

BUTTERFLY VALVE

CURB AND GUTTER

CATCH BASIN

CHORD

CHORD BEARING

CAST IRON

CAST IN PLACE

CENTERLINE

CORRUGATED METAL PIPE

CLEANOUT

COMMUNICATIONS

CONCRETE

CONSTRUCTION

CULINARY

CULINARY WATER

CULINARY WATERLINE

DEMOLITION

DUCTILE IRON

DIAMETER

DISTANCE

DRAWING

EAST, ELECTRICITY, ELECTRICAL

EASEMENT

EXISTING GRADE

ELBOW

ELECTRICAL

ELEVATION

EDGE OF ASPHALT

END VERTICAL CURVE

END VERTICAL CURVE ELEVATION

END VERTICAL CURVE STATION

EXISTING

FINISH FLOOR ELEVATION

FINISH GRADE

FIRE HYDRANT

FLOWLINE FND FOUNDATION

FIRE PROTECTION

FOOTTING

GAS, NATURAL GAS

GRADE BREAK

GATE VALVE

HIGH-DENSITY POLYETHYLENE PIPE

HIGH POINT

HIGH POINT ELEVATION

HIGH POINT STATION

INSIDE DIAMETER

INVERT ELEVATION

IRRIGATION

IRRIGATION MANHOLE

RADIUS OF CURVATURE

LENGTH

LATERAL SERVICE

LAND DRAIN

LAND DRAIN MANHOLE

LINEAL FEET

LIP OF GUTTER

LOW POINT

LIGHT POLE

LOW POINT ELEVATION

MECHANICAL

MANHOLE

MONUMENT

NORTHEAST

NORTHWEST

OUTSIDE DIAMETER

OVERHEAD POWER

OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATION

POINT OF CURVATURE

PORTLAND CONCRETE CEMENT

POINT OF INFLECTION

PROPERTY LINE

PARTS PER MILLION

PROPERTY

POINT OF TANGENCY

PUBLIC UTILITY EASEMENT

PUBLIC UTILITY EASEMENT & DRAINAGE EASEMENT

POLYVINYL CHLORIDE

POINT OF VERTICAL INFLECTION

RADIUS

REBAR & CAP

ROADWAY CENTERLINE

REINFORCED CONCRETE PIPE

RIGHT OF WAY

STORM DRAIN

STORM DRAIN CATCH BASIN

STORM DRAIN CLEANOUT

STORM DRAIN MANHOLE

STANDARD DIMENSION RATIO

SOUTHEAST

SECONDARY, SECTION

STREET LIGHT

SALT LAKE BASE & MERIDIAN

SPECIFICATION

STEEL PIPE

SANITARY SEWER

SANITARY SEWER CLEANOUT

SANITARY SEWER MANHOLE

STANDARD

SECONDARY WATER

SOUTHWEST

SECONDARY WATERLINE

STORMWATER POLLUTION PREVENTION PLAN

TANGENT

THRUST BLOCK

TOP BACK OF CURB

TOP BACK OF WALK

TELEPHONE

TOP OF CURB/WALL

TOP OF ASPHALT

TOP OF CONCRETE

TOE OF SLOPE OR WALL

TOP OF GRATE

TOP OF WALL

UTILITY

UNDERDRAIN

UNDERGROUND POWER

UTILITY POLLE

VERTICAL CURVE

WEST, WATER

SECONDARY WATER

WATERLINE

WATER METER

WORK POINT

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A100

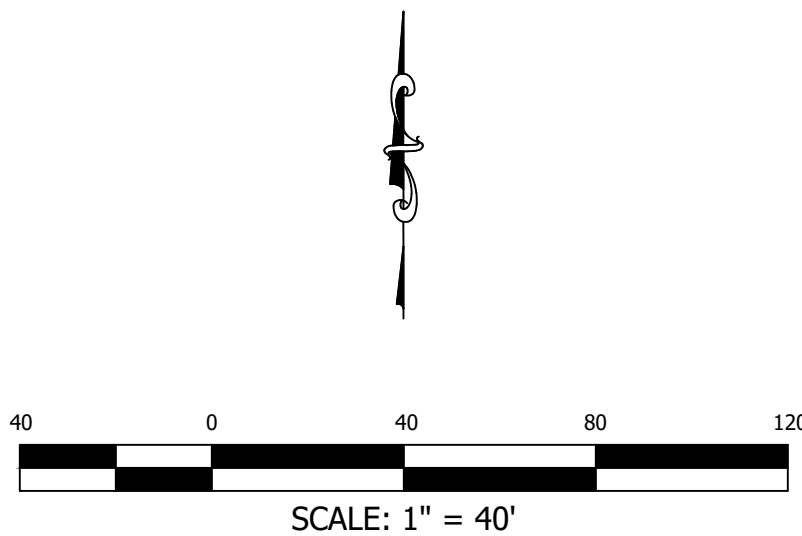
NOTES

4910.23.1.3

4910.23.1.6

REVISION 1 3/17/23 BY:CSA ADDED
PROJECT #

RED BUTTE CROSSING
LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH



ZONING: I (INSTITUTIONAL) AND RP
(RESEARCH PARK)

NOTE: TOPOGRAPHIC DATA PROVIDED BY
LIDAR SCAN FROM
OPENTOPOGRAPHY.COM.

LEGAL DESCRIPTION OF PROPERTIES AFFECTED BY
PROJECT
PARCEL NUMBER : 16092260010000

LEGAL DESCRIPTION:
BEG S 42°15'30" E 9160.378 FT & S 89°59'50" W
1801.0333 FT & N 0°02'01" W 800 FT FR NW COR SEC
4, T 1S, R 1E, SLM; S 89°59'50" W 254.96 FT; N
30°05' E 231.97 FT; N 71°29' E 130.01 FT; N 43°59'
E 534.97 FT; S 57°36' E 250.01 FT; S 75°26'E 165 FT;
N 71°44' E 202.01 FT; N 57°29' E 125 FT; S 30°31' E
279.7 FT; S 73°42' W 1215 FT TO BEG. 9.44 AC M OR
L. 2412-334

PARCEL NUMBER: 16092260040000

LEGAL DESCRIPTION:
COM S 42°15'30" E 9160.378 FT FR NW COR SEC 4 T
1S R 1E SL MER S 89°59'50" W 1801.033 FT N
0°02'01" W 800 FT N 73°42'E 1215 FT S 30°31'E
1122.614 FT SWAY ALG CURVE TO RIGHT 181.51 FT
TO BEG 34.68 AC

PARCEL NUMBER: 16101260056003

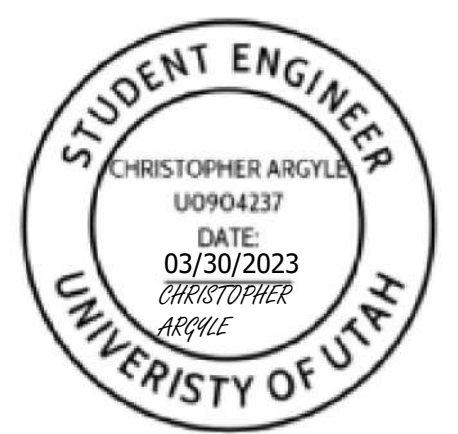
LEGAL DESCRIPTION:
PRIVILEGE TAX ON 3.35 AC OF THE FOLLOWING
DESCRIPTION: BEG N89°59'50" E 58.16 FT & N 58.2 FT
& N 89°59'50" E 168.16 FT FR CITY MONUMENT OF
THE INTERSECTION OF 2100 E ST & SUNNYSIDE AVE
SITUATED IN NW ¼ OF SEC 10, T1S, R1E, SLM;
N89°58'04" E 921.17 FT; N 1320 FT; E 1320 FT; S
910.7 FT; N 62°18'30" E 2311.71 FT; W 5183.904 FT M
OR L; S 30°27'24" W 8.57 FT M OR L; S 8°46'48" E
96.35 FT; S 27°39'15" E 200.25 FT; S 30°31' E 1292.51
FT; S 56°20'43" E 163.57 FT M OR L TOBEG. ALSO BEG
N 1968.54 FT & W 276.30 FT FR SLC SUR MONUMENT
AT THE INTERSECTION OF SUNNYSIDE AVE & PADLEY
ST, SD MONUMENT BEING S 65°48'24" W 3622.62 FT;
E 97 FT; S 58.20 FTFR SE COR OF SEC 3, T1S, R1E,
SLM; S41°00' W 392 FT; N 49°00' W 178 FT; N 41° E
492 FT: S 49°00' E 178 FT TO BEG. LESS STREETS.
52.19 AC M OR L. 2708-0515 2813-316 4193-0144
9780-5761

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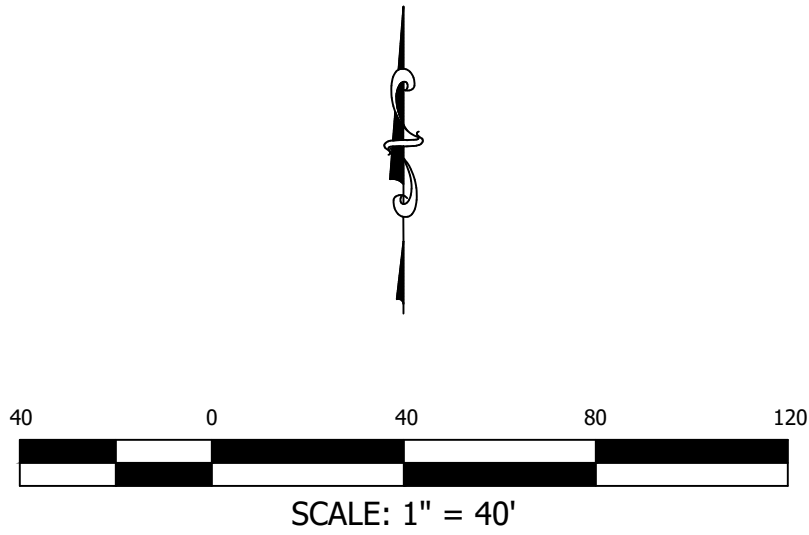
REVISION 1 3/17/23 BY:CSA ADDED
LEGAL DESCRIPTION



A101A
TOPO
4910.23.1.3 4910.23.1.6

RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH



RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION 1 3/17/23 BY:CSA ADDED
LEGAL DESCRIPTION



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A101B
DEMO
4910.23.1.3 4910.23.1.6



ACCESSIBLE AREA CONSTRAINTS

ALL ACCESSIBLE AREAS ARE TO MAINTAIN THE FOLLOWING MAXIMUM SLOPES AND TOLERANCES:

ACCESSIBLE PARKING:
MAXIMUM SLOPE OF 1:48 (2%) THROUGHOUT.

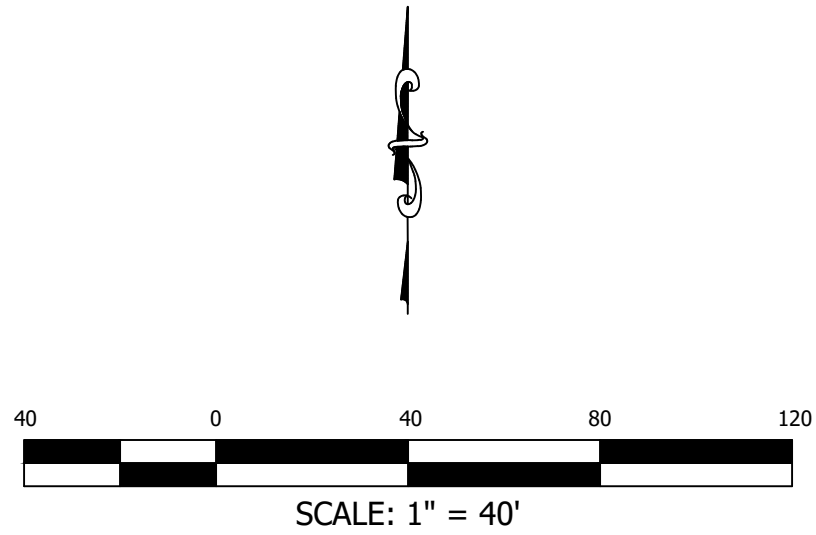
ACCESSIBLE ROUTE:
MINIMUM WIDTH OF 48". MAXIMUM SLOPE OF 1:20 (5%)
ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).

ACCESS ROUTE TURNAROUNDS:
A CLEAR 60" TURNING DIAMETER. MAXIMUM SLOPE OF 1:48 (2%)
IN ANY DIRECTION.

LEVEL LANDING / EXTERIOR DOOR LANDING:
MINIMUM SIZE OF 60"X60". MAXIMUM SLOPE OF 1:48 (2%)
IN ANY DIRECTION.

ACCESSIBLE EGRESS TO PUBLIC WAY:
MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE,
MAXIMUM CROSS-SLOPE OF 1:48 (2%).

ADA ACCESS RAMPS:
MAXIMUM SLOPE OF 1:12 (8.33%), WITH A MAXIMUM
CROSS-SLOPE OF 2%. THE TRANSITION BETWEEN ASPHALT
AND CONCRETE IS NOT TO EXCEED 1/2" VERTICAL (1/4" IF
BEVELED).



- LEGEND:
1. 10'X18' UNDERPASS
 2. 10'X16' UNDERPASS
 3. 12' WIDE ASPHALT TRAIL (TYP.) SEE A106
 4. 4' TERRACED KEYSTONE RETAINING WALL (TYP.).
 5. 8' TERRACED KEYSTONE RETAINING WALL (TYP.).
 6. RETAINING WALL WITH ROAD BARRIER
 7. SKYLIGHT WITH CONCRETE MEDIAN
 8. NEW CURB AND GUTTER B1-A AS PER UDOT STD GW 2B.
 9. 4' DECORATIVE FENCING (TYP.)
 10. STAIRCASE WITH RAILINGS. SEE S101

AREA TABLE
TOTAL AREA AFFECTED: 169278 SQ FT
IMPROVEMENTS: 32462 SQ FT
LANDSCAPE: 136816 SQ FT

SITE CRITERIA TABLE			
ITEM	MAX REQ.	MAX PROVIDED	REF.
ASPHALT	5%	5%	A105
VERT.	16'-0"	16'-0"	S101
WALL			
KEYSTONE	8'-0"	8'-0"	S101
WALL			
LS SLOPES	50%	35%	A103A AND A103B

RED BUTTE CROSSING

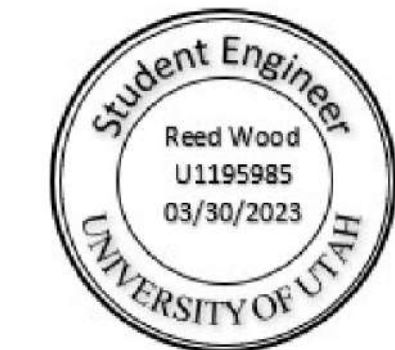
LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION 1 3/17/23 BY:CSA CHANGED
TO OVERALL SITE

CAD AND SITE FOR GROUP 3



SITE FOR GROUP 6

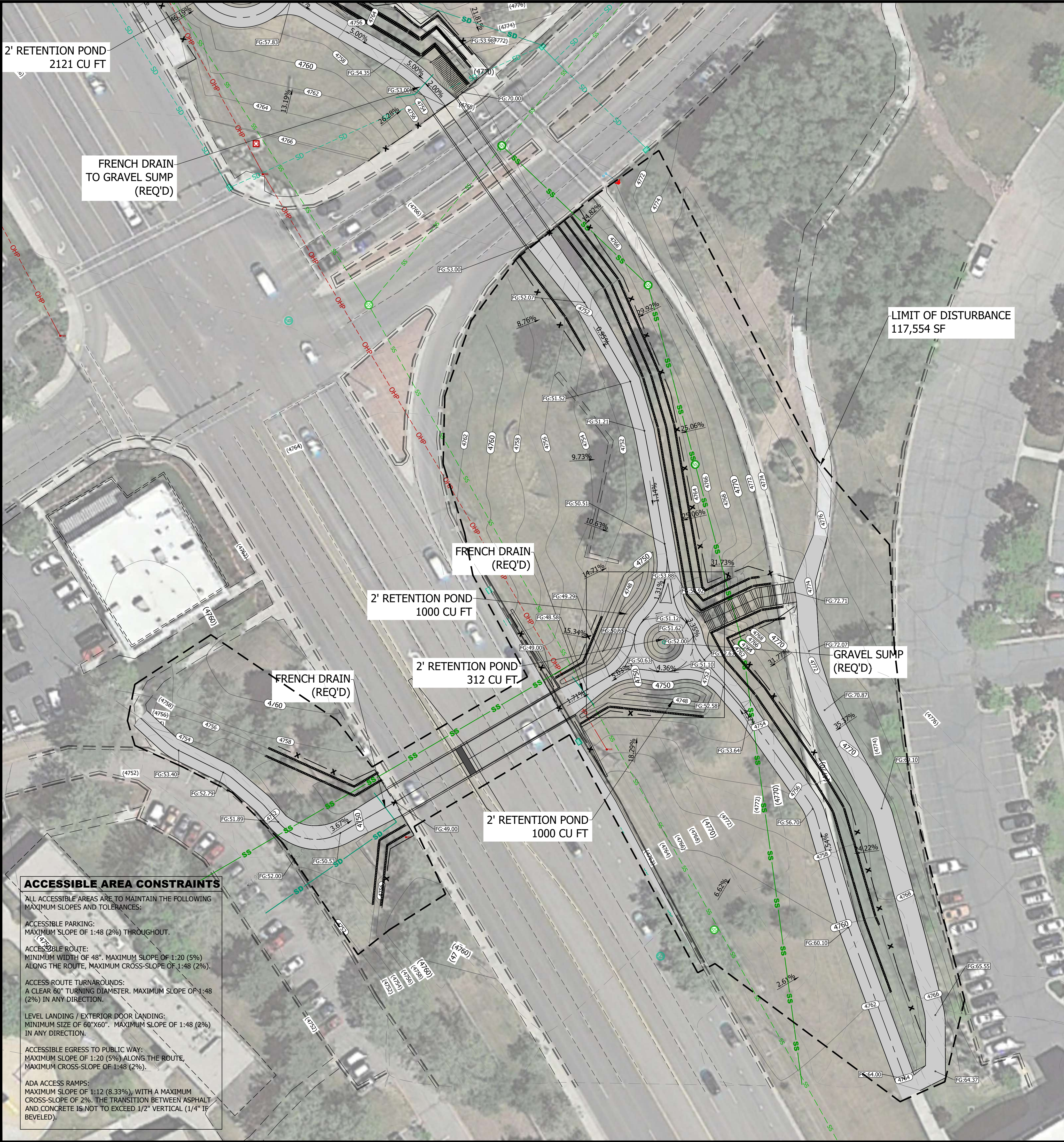


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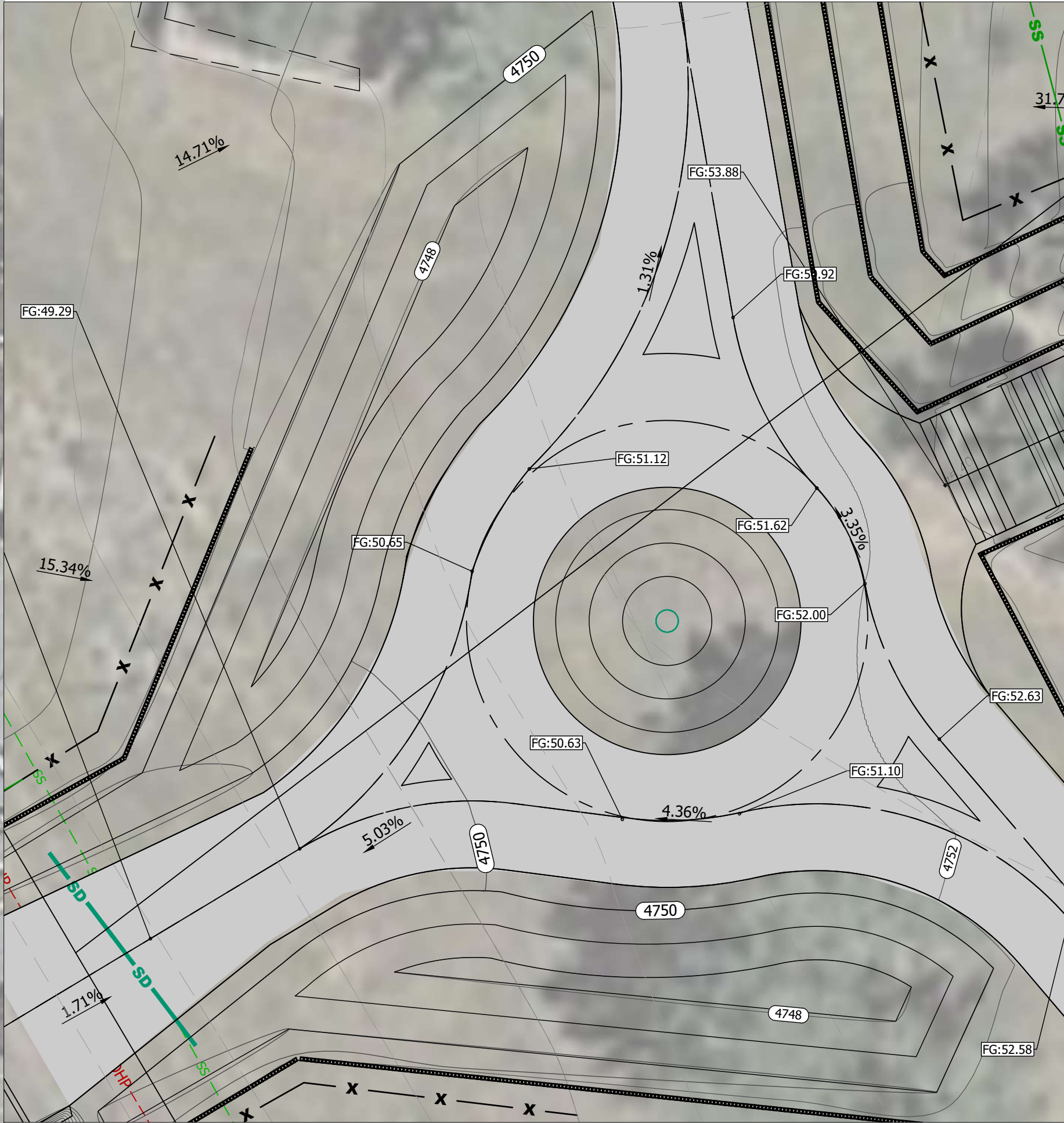
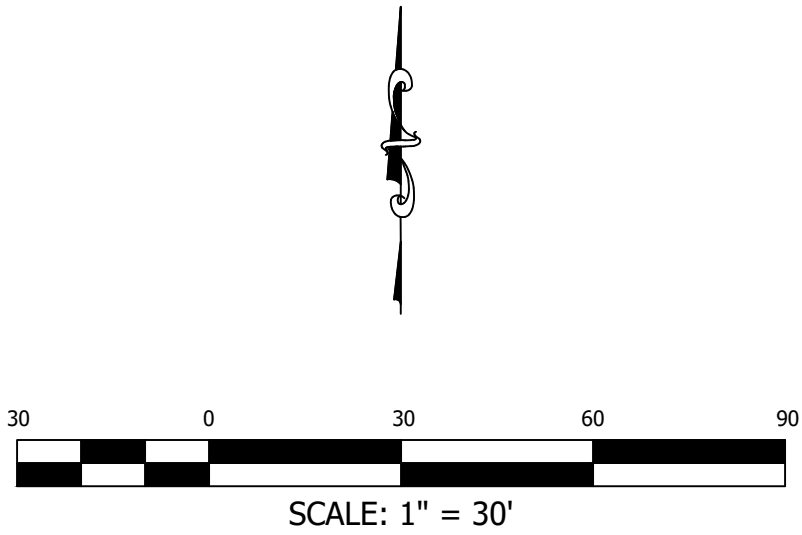
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A102
SITE
4910.23.1.3 4910.23.1.6



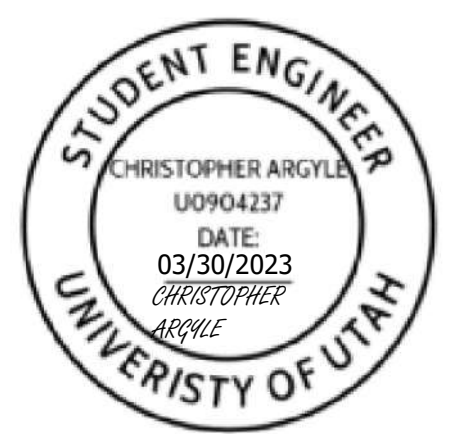
NET CUT
TOTAL: 35,291 CU YD
UNDERPASS: 1,244 CU YD
LANDSCAPING: 34,047 CU YD



RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
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REVISION 1 3/17/23 BY:CSA REDLINE
CORRECTIONS



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A103A
GRADING
4910.23.1.3



ACCESSIBLE AREA CONSTRAINTS

ALL ACCESSIBLE AREAS ARE TO MAINTAIN THE FOLLOWING MAXIMUM SLOPES AND TOLERANCES:

ACCESSIBLE PARKING:
MAXIMUM SLOPE OF 1:48 (2%) THROUGHOUT.

ACCESSIBLE ROUTE:
MINIMUM WIDTH OF 48". MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).

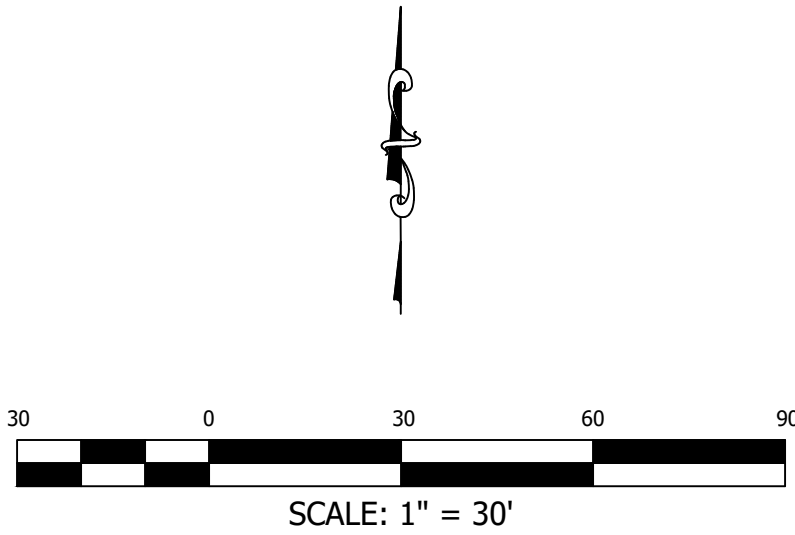
ACCESS ROUTE TURNAROUNDS:
A CLEAR 60" TURNING DIAMETER, MAXIMUM SLOPE OF 1:48 (2%) IN ANY DIRECTION.

LEVEL LANDING / EXTERIOR DOOR LANDING:
MINIMUM SIZE OF 60"x60". MAXIMUM SLOPE OF 1:48 (2%) IN ANY DIRECTION.

ACCESSIBLE EGRESS TO PUBLIC WAY:
MAXIMUM SLOPE OF 1:20 (5%) ALONG THE ROUTE, MAXIMUM CROSS-SLOPE OF 1:48 (2%).

ADA ACCESS RAMPS:
MAXIMUM SLOPE OF 1:12 (8.33%), WITH A MAXIMUM CROSS-SLOPE OF 2%. THE TRANSITION BETWEEN ASPHALT AND CONCRETE IS NOT TO EXCEED 1/2" VERTICAL (1/4" IF BEVELED).

NET CUT
TOTAL: 12,217 CU YD
UNDERPASS: 747 CU YD
LANDSCAPING: 11,380 CU YD



RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION 3/13/23 DATE BY:CSA
REVISE GRADING FOR HOA

CAD WORK



GRADING PLAN



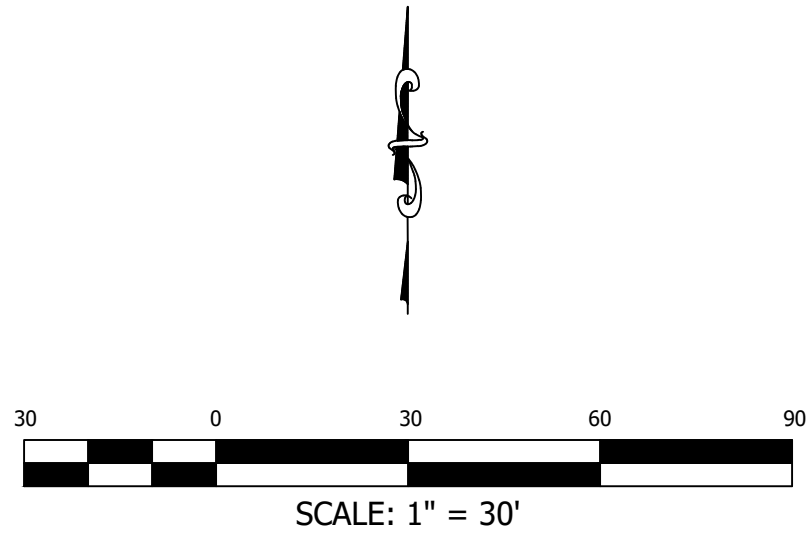
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A103B

GRADING
4910.23.1.6



DRAINAGE FOR AREA IS TOO LOW FOR THE EXISTING SD LINE TO BE CONNECTED. ALTERNATE RETENTION STORAGE OR GROUNDWATER STORAGE MAY BE REQUIRED SUCH AS RETENTION PONDS OR STORM TECH TYPE OF UNDERGROUND SYSTEMS.

ALL OTHER NON-GRAVITY UTILITIES ARE TO BE RE-ROUTED OR RELOCATED AS REQUIRED.

REVISION 1 3/17/23 BY:CSA REDLINE
COMMENTS

CAD WORK



UTILITY PLAN



NOTE: DRAWING IS FOR ACADEMIC USE ONLY

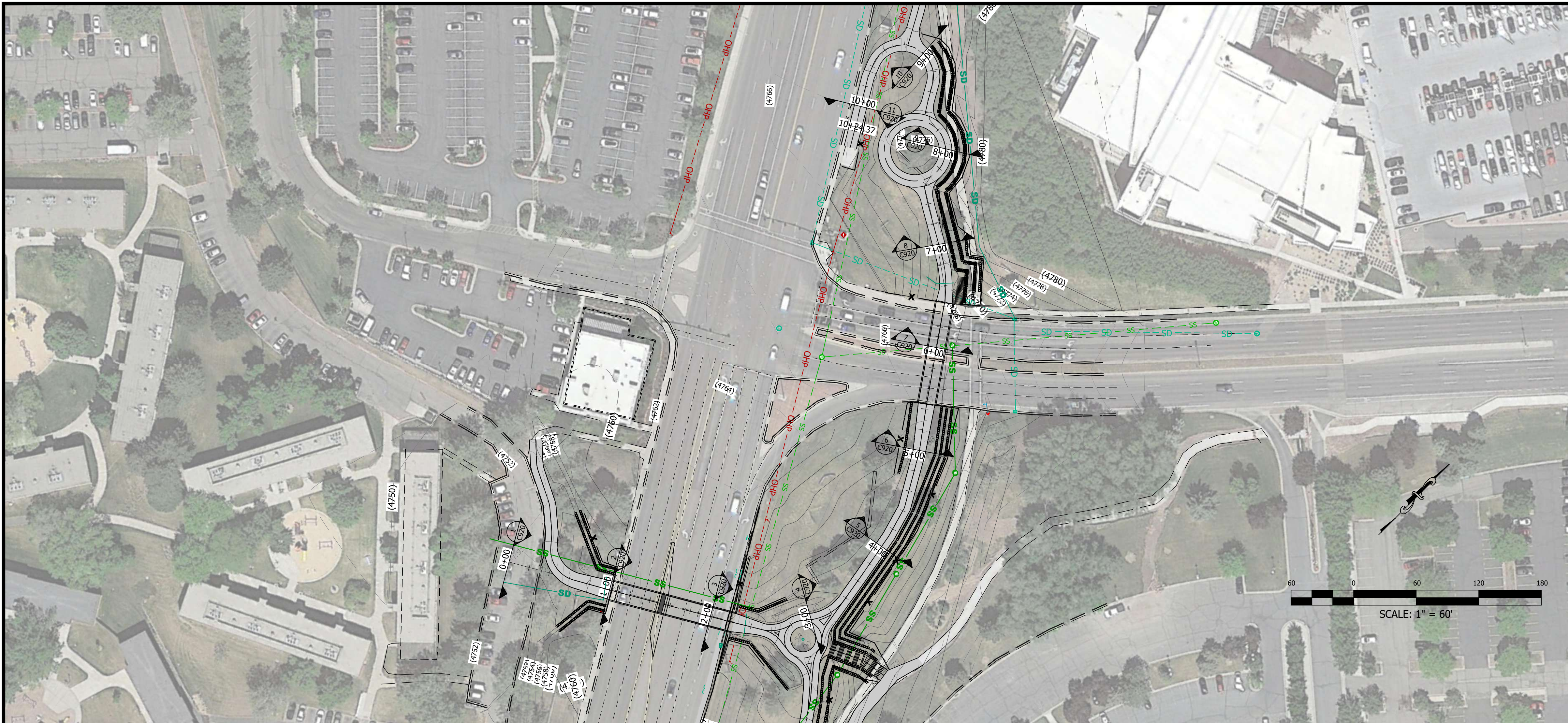
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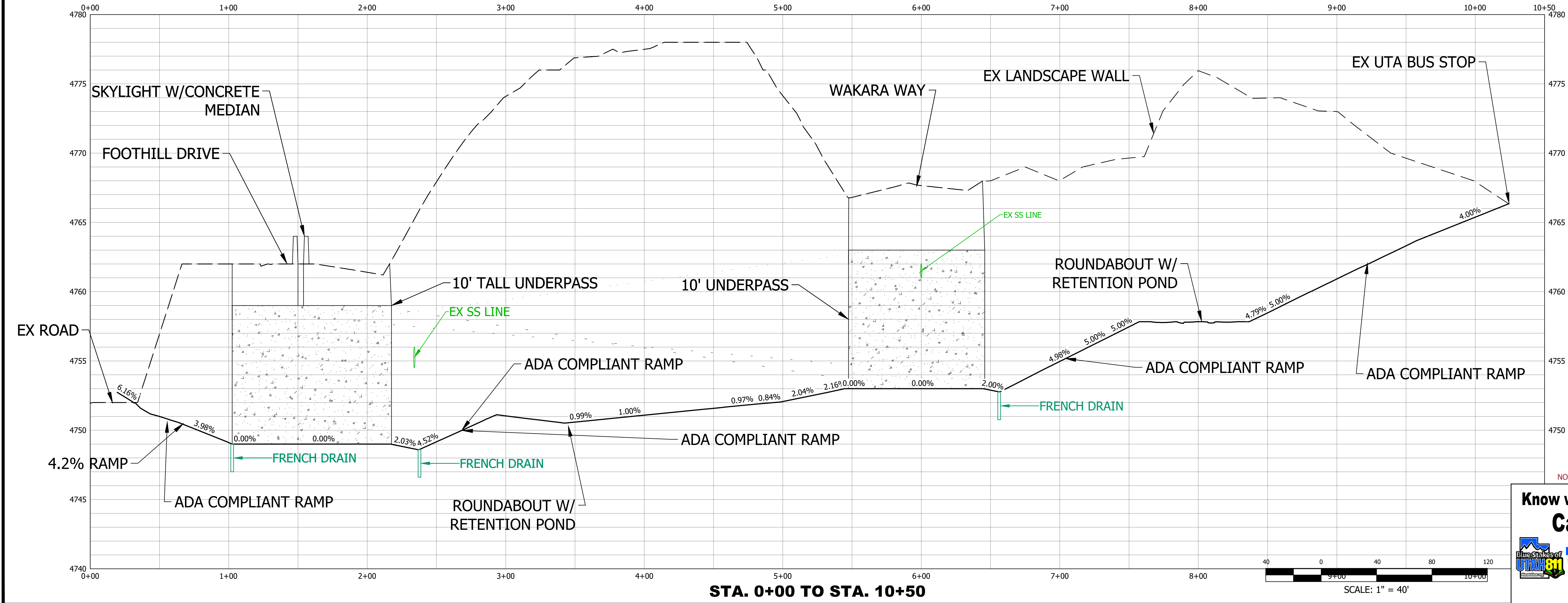
RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

A104B
UTILITY
4910.23.1.6



CONCEPT (11)
VERTICAL SCALE: 1"=3'



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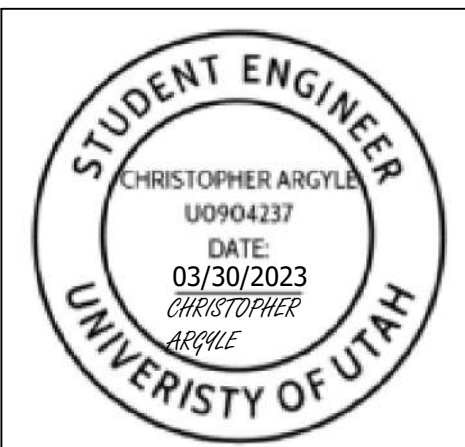
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RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
TIS. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION 1 3/13/23 BY:CSA CHANGED
TO OVERALL AND REDLINE COMMENTS

CAD WORK AND PROFILE

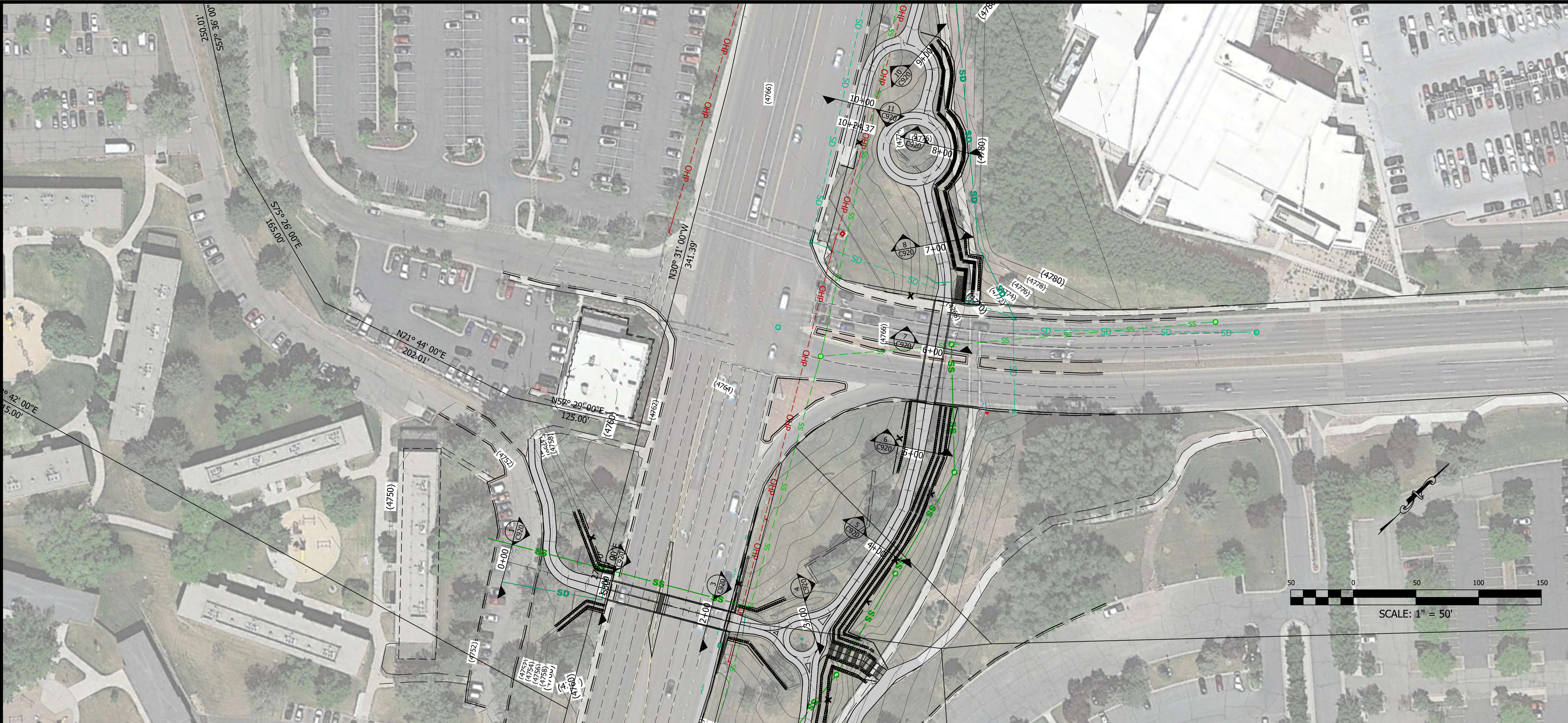


PROFILE



A105A

PROFILE
4910.23.1.3 4910.23.1.6



RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION # DATE BY: SUMMARY

CAD WORK AND X-SECTIONS



X-SECTIONS



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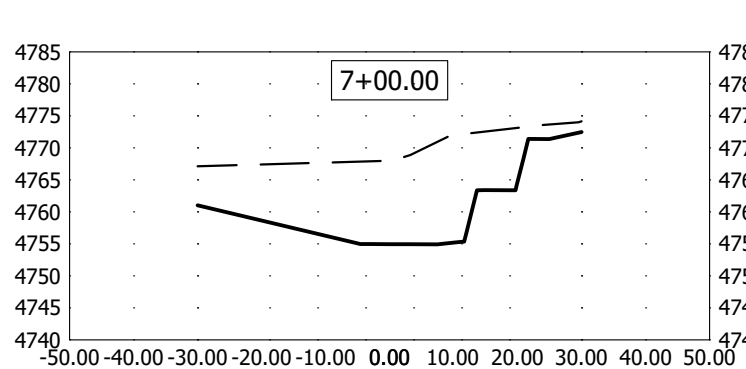
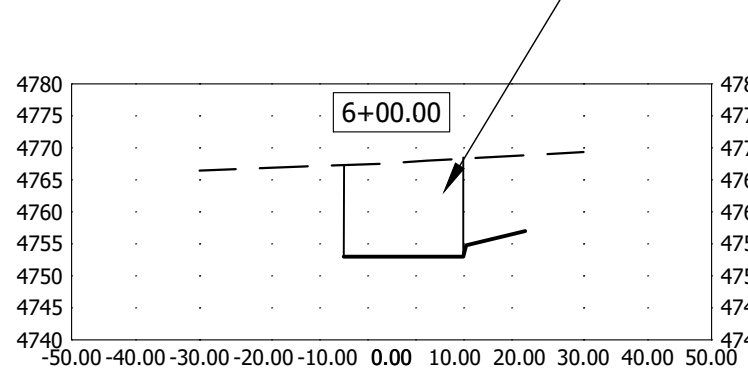
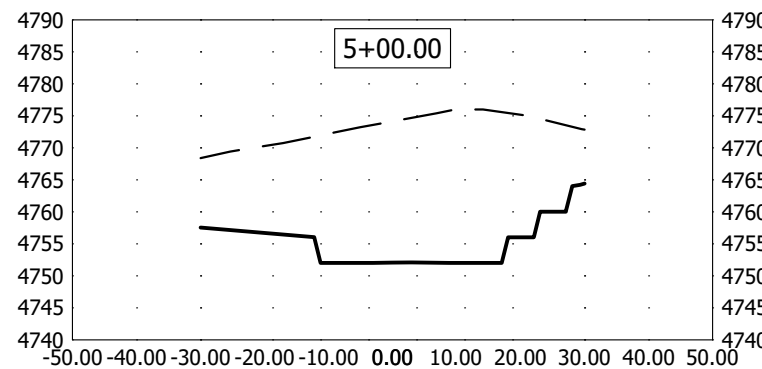
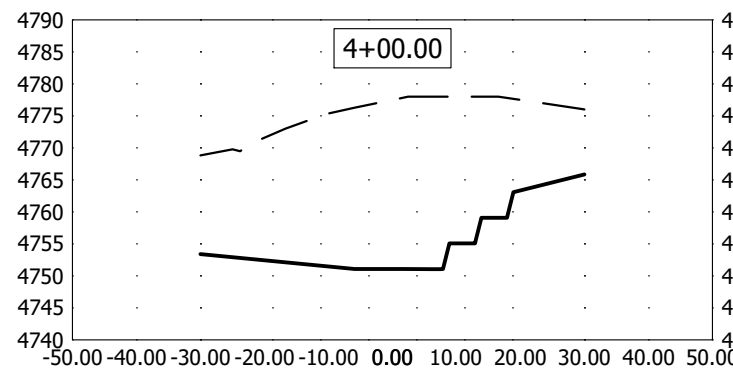
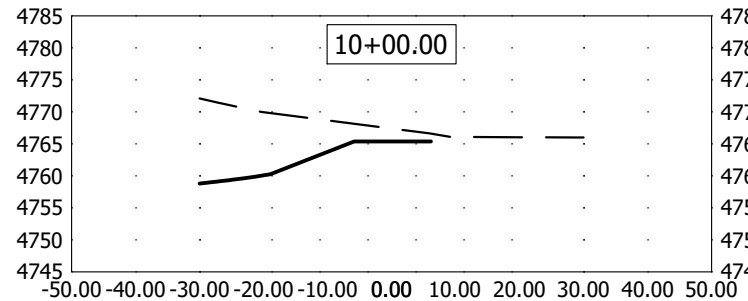
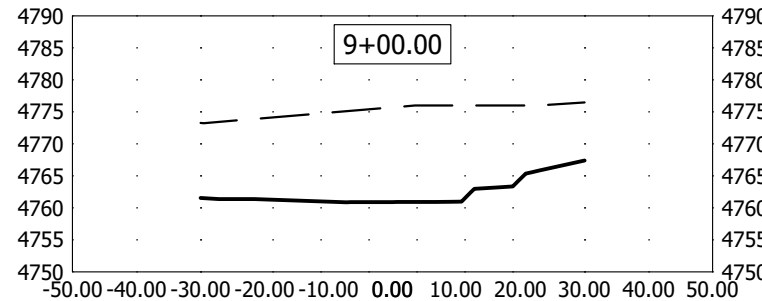
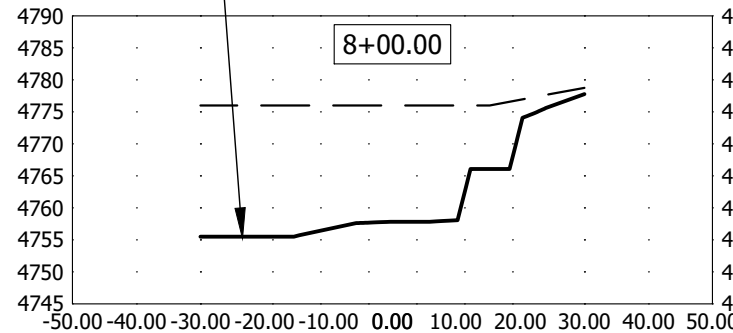
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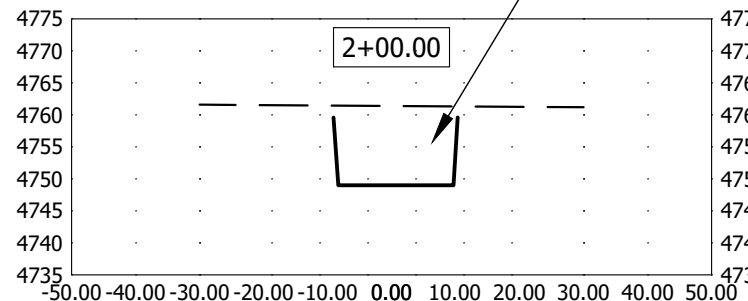
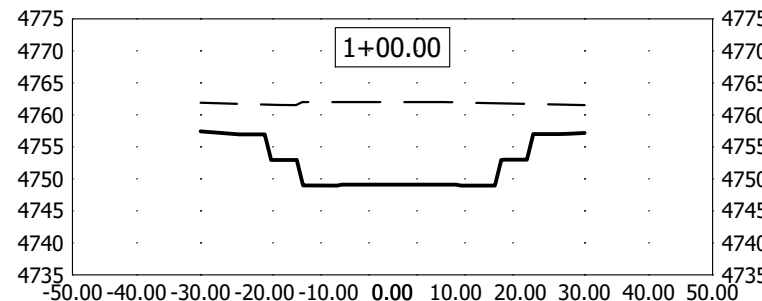
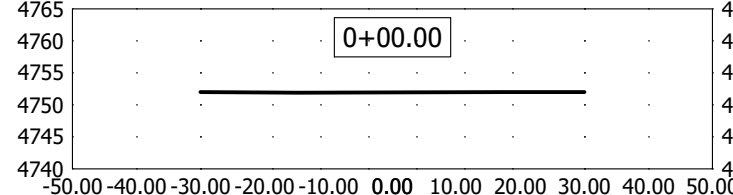
A105B

X-SECTIONS
4910.23.1.3 4910.23.1.6

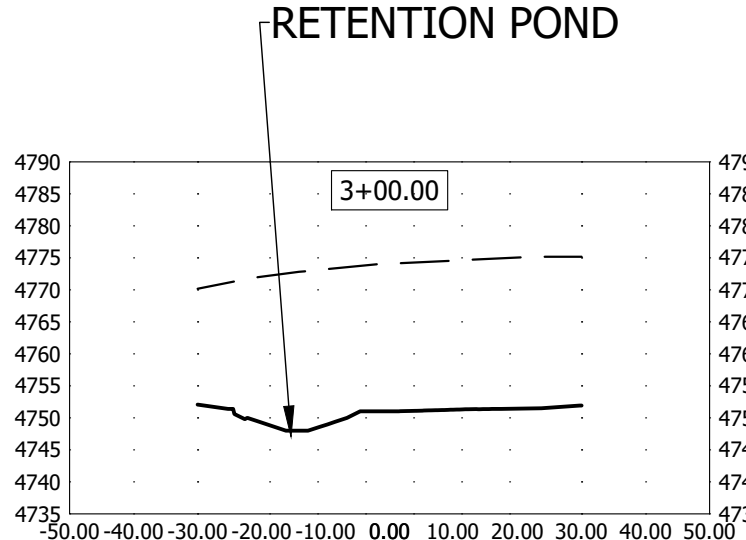
RETENTION POND



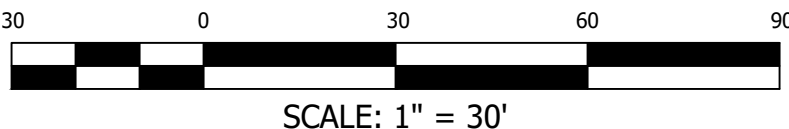
WAKARA WAY
UNDERPASS

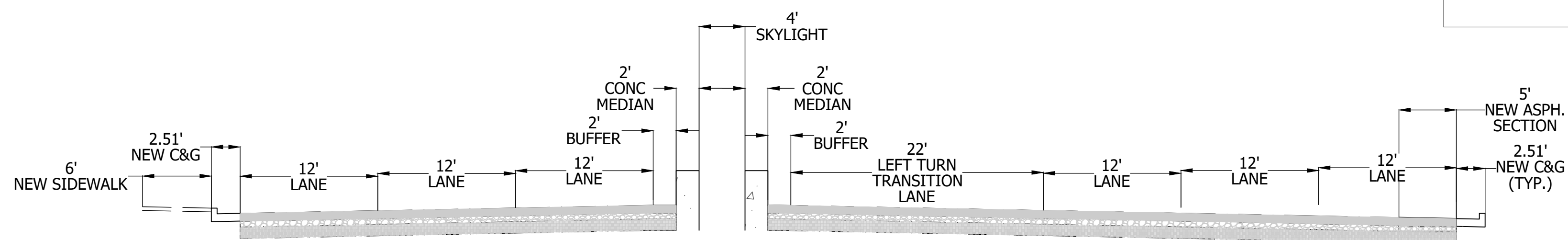
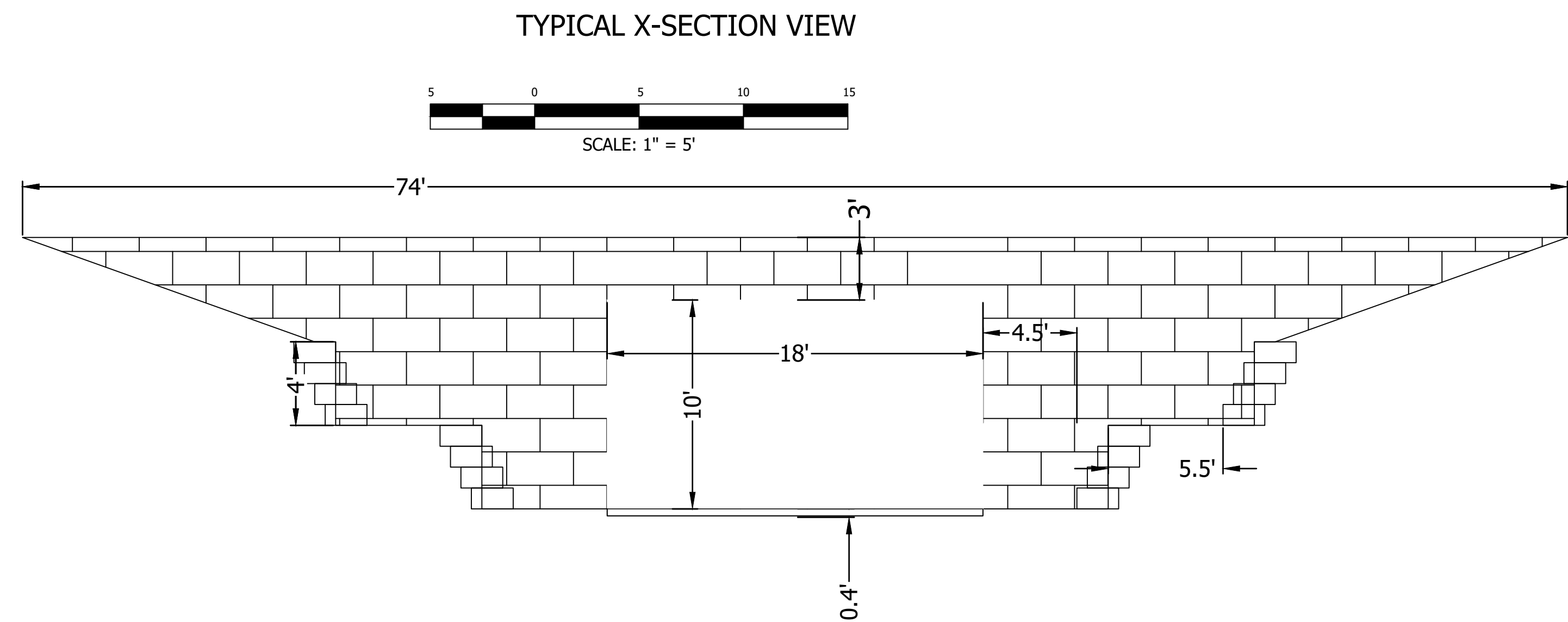


FOOTHILL DRIVE
UNDERPASS

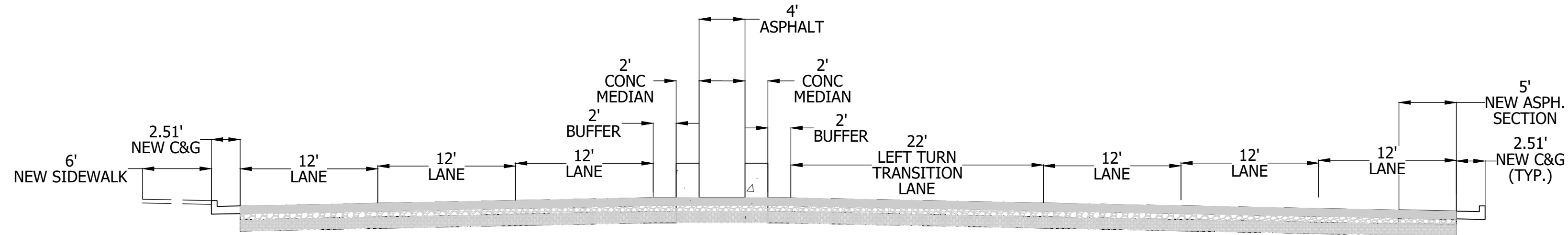


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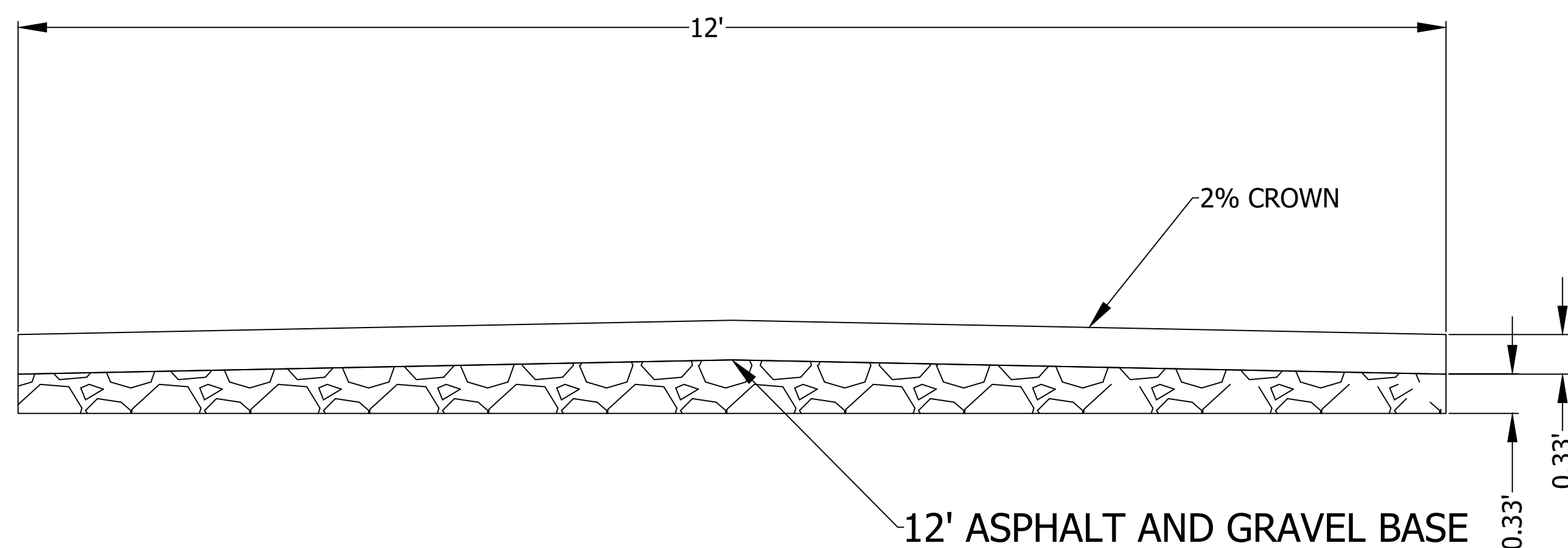




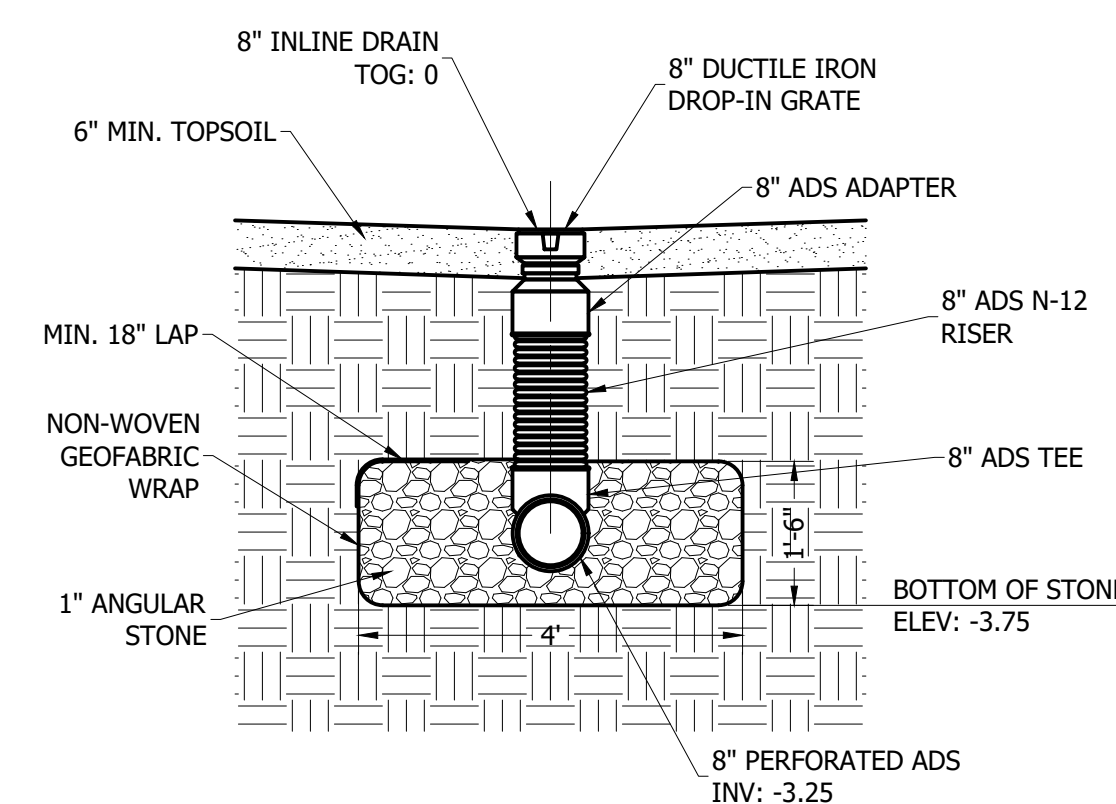
FOOTHILL DRIVE ROAD X-SECTION AT CENTERLINE



FOOTHILL DRIVE ROAD X-SECTION NORTH AND SOUTH OF UNDERPASS

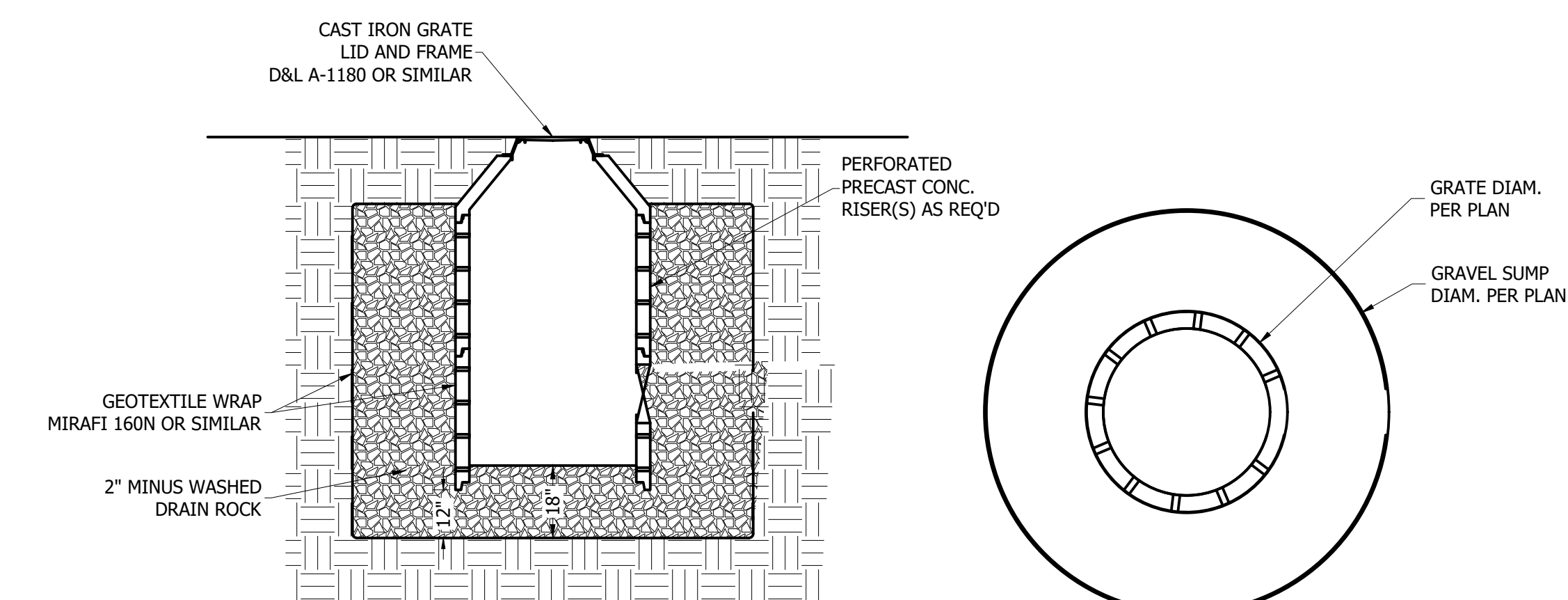


ASPHALT TRAIL PATH



SECTION VIEW

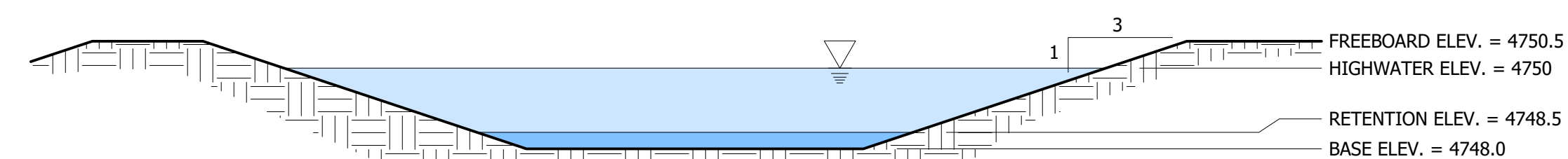
SD-4
C600
TYPICAL
N.T.S.
FRENCH DRAIN



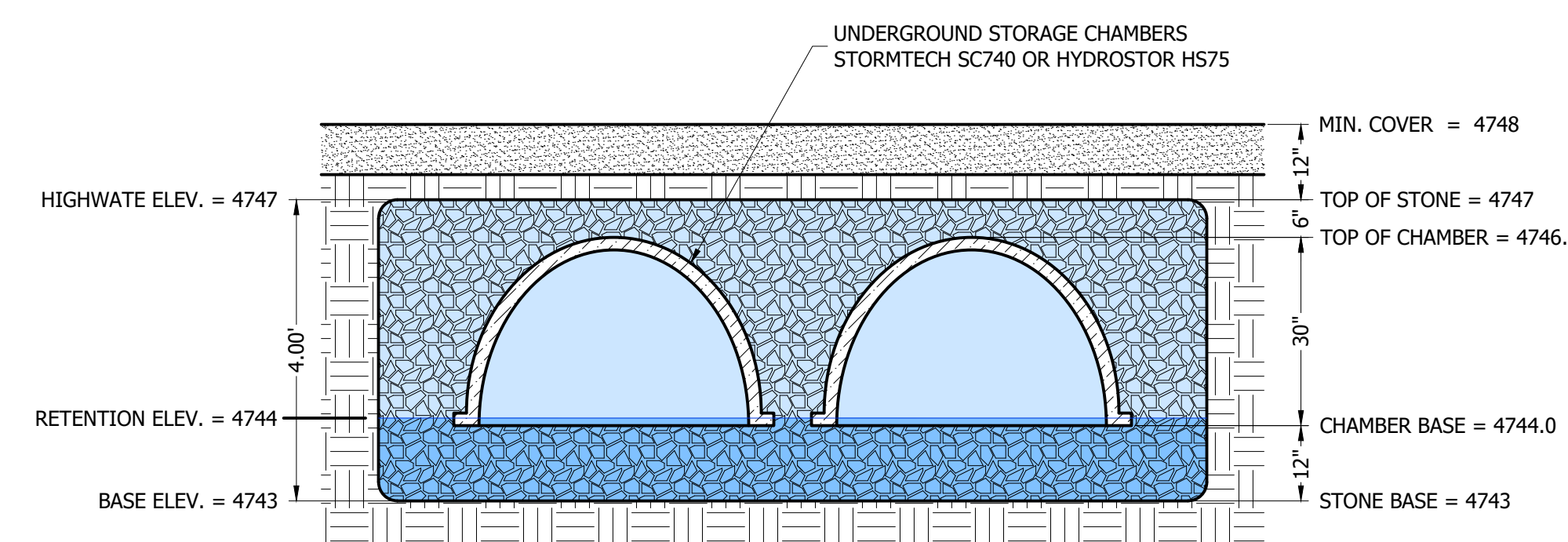
SECTION VIEW (SIDE)

SECTION VIEW (TOP)

SD-5
C120
TYPICAL
N.T.S.
PRIVATE
SUMP DRAIN



ST-1
C500
TYPICAL
N.T.S.
DETENTION POND STORAGE ELEVATIONS



ST-3
C500
TYPICAL
N.T.S.
UNDERGROUND STORAGE ELEVATIONS

RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
TIS. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION 1 3/17/23 BY:CSA REDLINE
COMMENTS

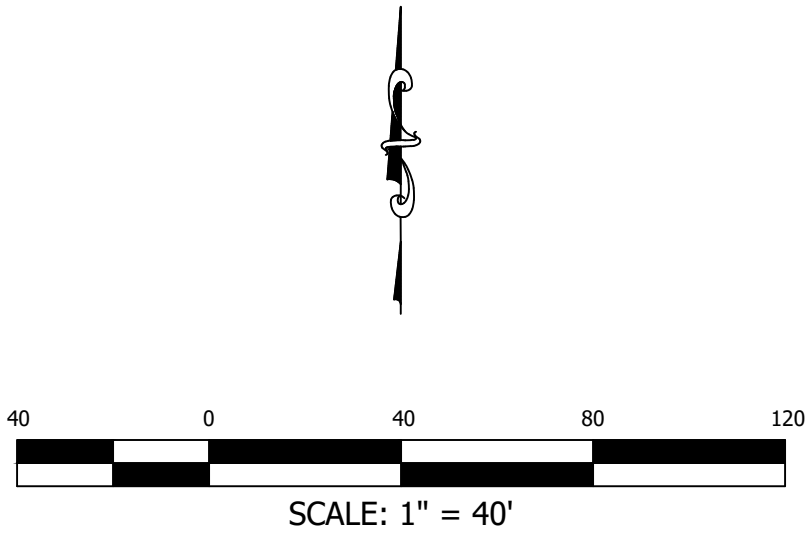


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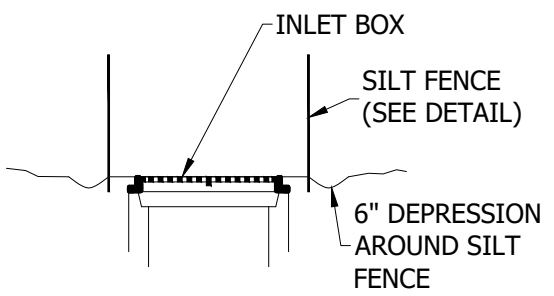
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A106
DETAILS
4910.23.1.3 4910.23.1.6

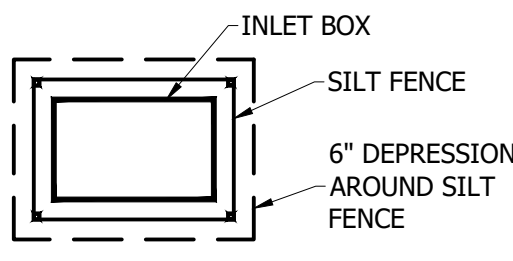


CONSTRUCTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR TO MAINTAIN A COPY OF THE SWPPP ON SITE.
3. CONTRACTOR TO INSPECT SITE TO ENSURE THE SWPPP IMPROVEMENTS ARE IN PLACE AND FUNCTIONAL.
4. CONTRACTOR TO MAINTAIN TEMPORARY EROSION AND SEDIMENT CONTROLS AND HOUSEKEEPING MEASURES.
5. ALL SOLID WASTE SHALL BE STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER SHALL MEET ALL STATE AND LOCAL WASTE MANAGEMENT REGULATIONS.
6. ALL HAZARDOUS WASTE SHALL BE DISPOSED OF IN THE MANNER AS SPECIFIED BY THE MANUFACTURER AND STATE AND LOCAL REGULATIONS.
7. A WASHOUT AREA SHALL BE CONSTRUCTED FOR THE TEMPORARY COLLECTION OF EXCESS CONCRETE AND NON-STORM WATER DISCHARGES FROM VEHICLE WASHING. THE CONCRETE WILL BE TAKEN TO THE CITY LANDFILL WITHIN 1 WEEK OF PLACING IN THE WASHOUT AREA.
8. A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED TO REDUCE VEHICLE TRACKING OF SEDIMENTS ONTO PUBLIC RIGHT OF WAYS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED DAILY TO REMOVE EXCESS DIRT.
9. INSPECTION SHALL BE MADE MONTHLY AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. ALL NON-STORM WATER FLOWS SHALL BE DIRECTED TOWARD THE WASHOUT AREA OR SEDIMENT BASIN. THE SWPPP WILL BE REVISED AS SITE CONDITIONS AND PROJECT WARRANTS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND SWEEPING PUBLIC STREETS ON A DAILY BASIS, OR MORE IF NECESSARY.
11. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE DUST CONTROL THROUGHOUT THE COURSE OF THE PROJECT.

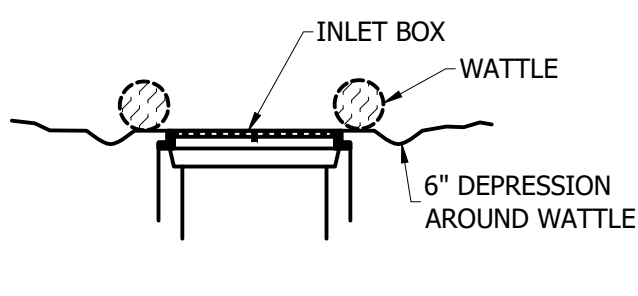


PROFILE VIEW

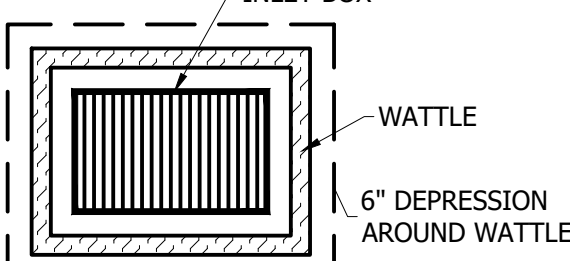


PLAN VIEW

IP1 INLET PROTECTION
EC100 TYPICAL
N.T.S.

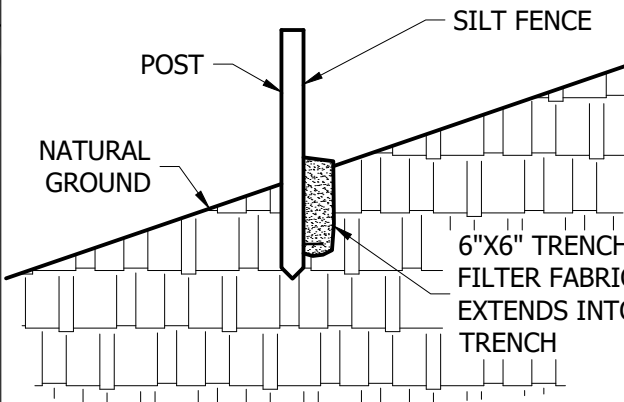


PROFILE VIEW

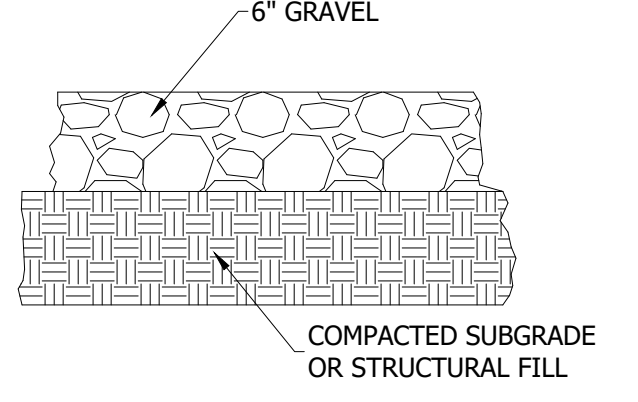


PLAN VIEW

IP2 INLET PROTECTION
EC100 TYPICAL
N.T.S.



SF SILT FENCE
EC100 TYPICAL
N.T.S.



WA WASHDOWN AREA
EC100 TYPICAL
N.T.S.

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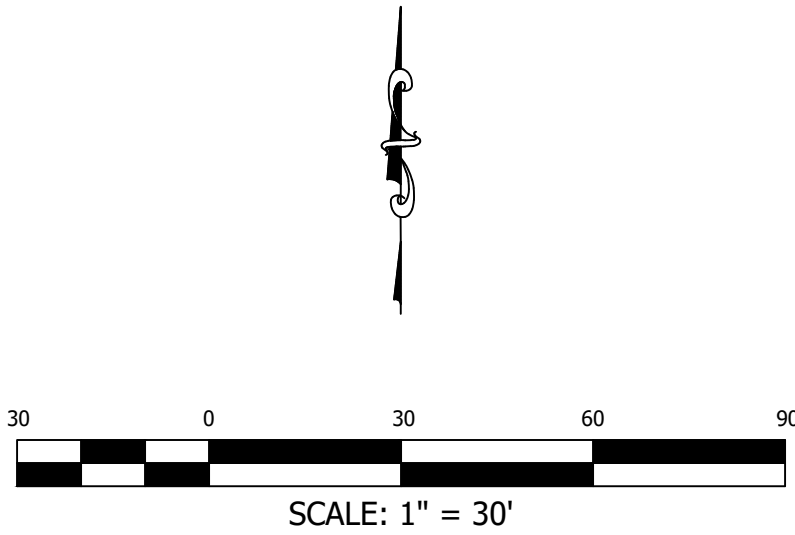
REVISION 1 3/17/23 BY:CSA REDLINE
COMMENTS



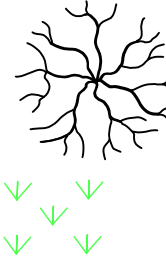
A107
EROSION CONTROL
4910.23.1.3 4910.23.1.6

RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH



- VEGETATION LEGEND**
- 1. TREE: THORNLESS HONEY LOCUST
 - 2. SHRUB: BOX WOOD
 - 3. GRASS: KENTUCKY BLUEGRASS OR TALL FESCUE



RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S, R1E, SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION 1 3/13/23 BY:CSA ADDED
CELLS

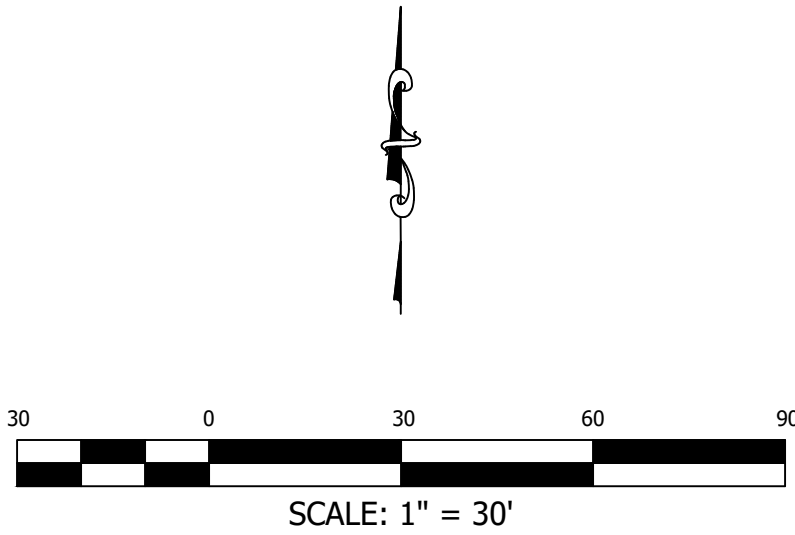


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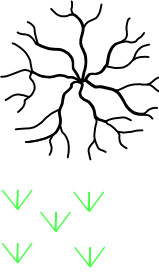
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A108A
LANDSCAPING
4910.23.1.3



- VEGETATION LEGEND**
- 1. TREE: THORNLESS HONEY LOCUST
 - 2. SHRUB: BOX WOOD
 - 3. GRASS: KENTUCKY BLUEGRASS OR TALL FESCUE



RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW
CORNER OF SECTION 3.
T1S. R1E. SLB&M
SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION # DATE BY: SUMMARY

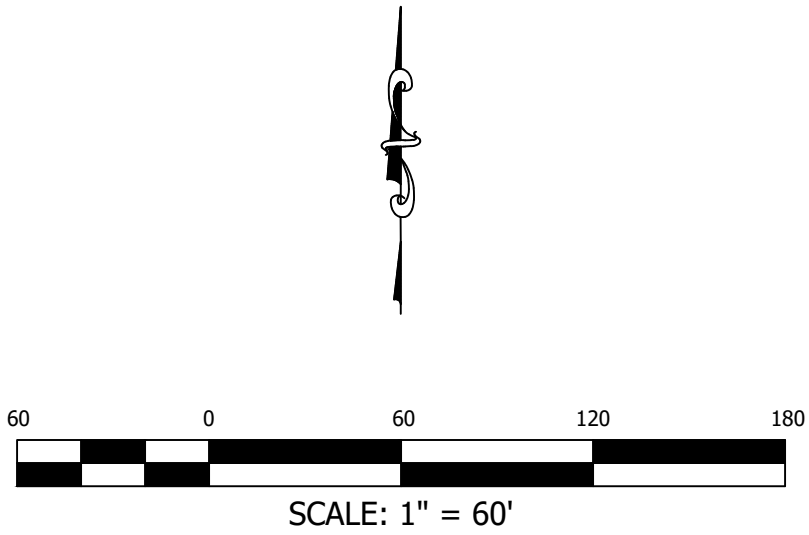


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A108B
LANDSCAPING
4910.23.1.6



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SALT LAKE CITY, SALT LAKE COUNTY, UTAH

REVISION # DATE BY: SUMMARY

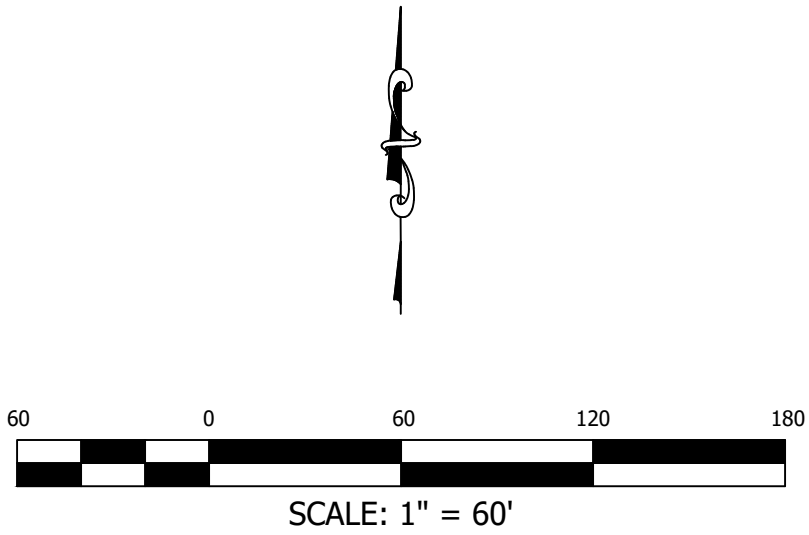
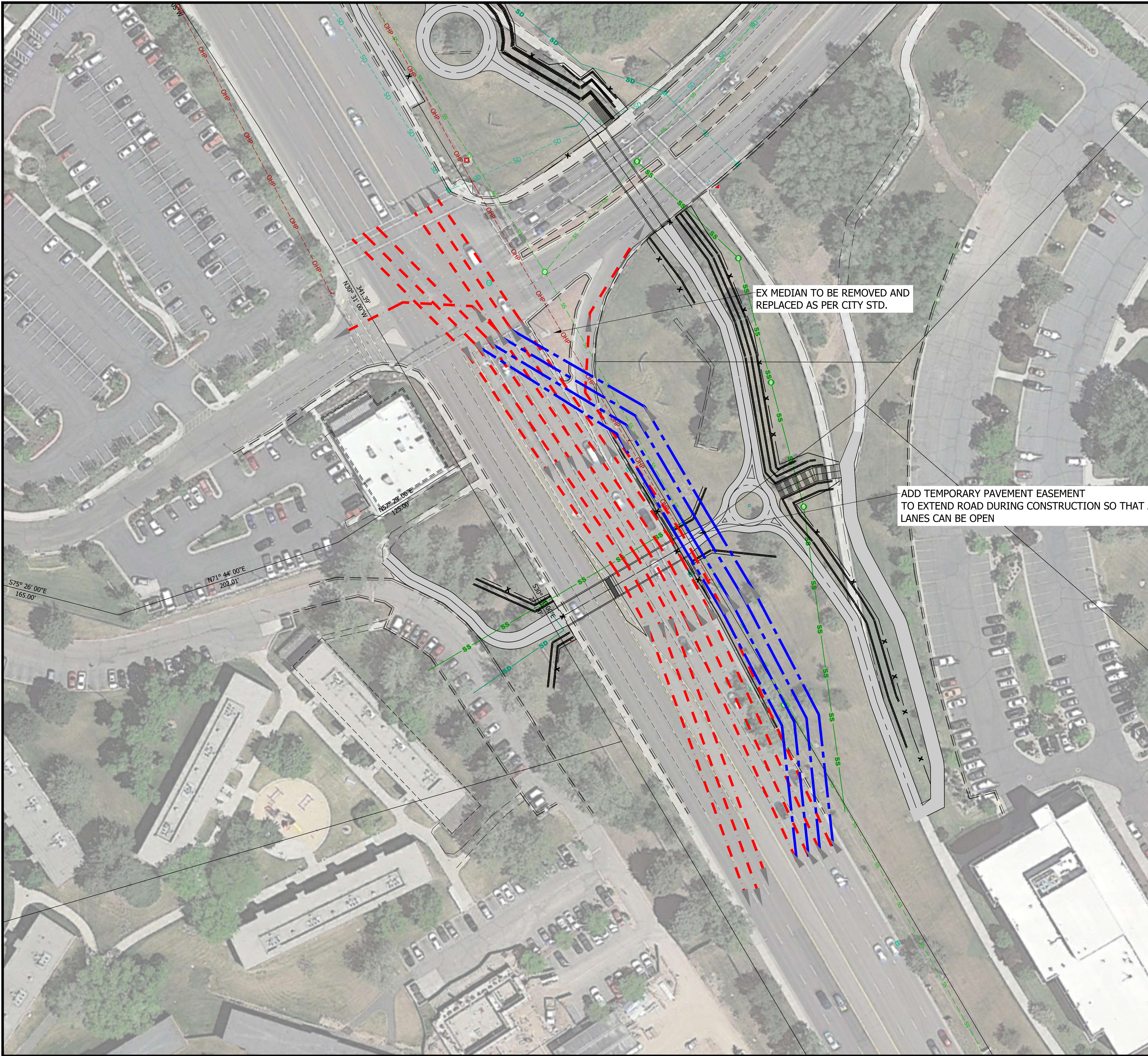


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A109
TRAIL EXHIBIT
4910.23.1.3



- PHASE 1 (CLOSE OFF WEST FOOTHILL)
- PHASE 2 (CLOSE OFF EAST FOOTHILL)

ALL AFFECTED LANES
REDUCED TO 11 FT

REVISION # DATE BY: SUMMARY



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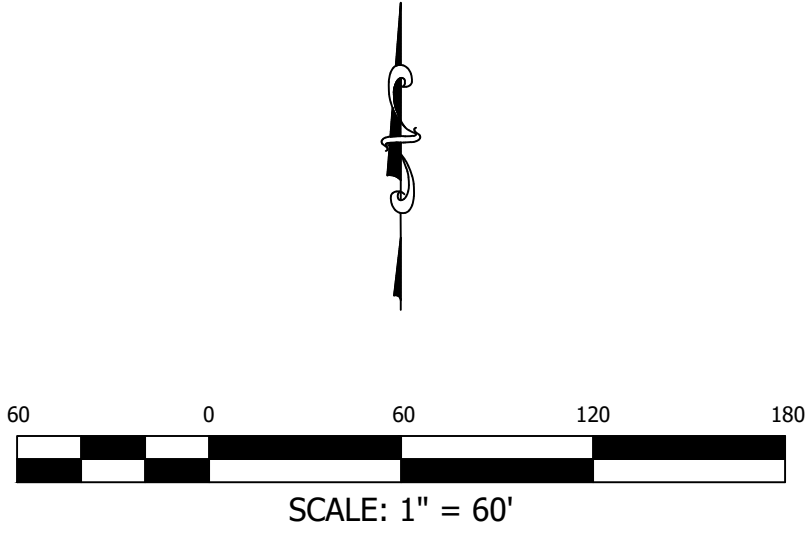
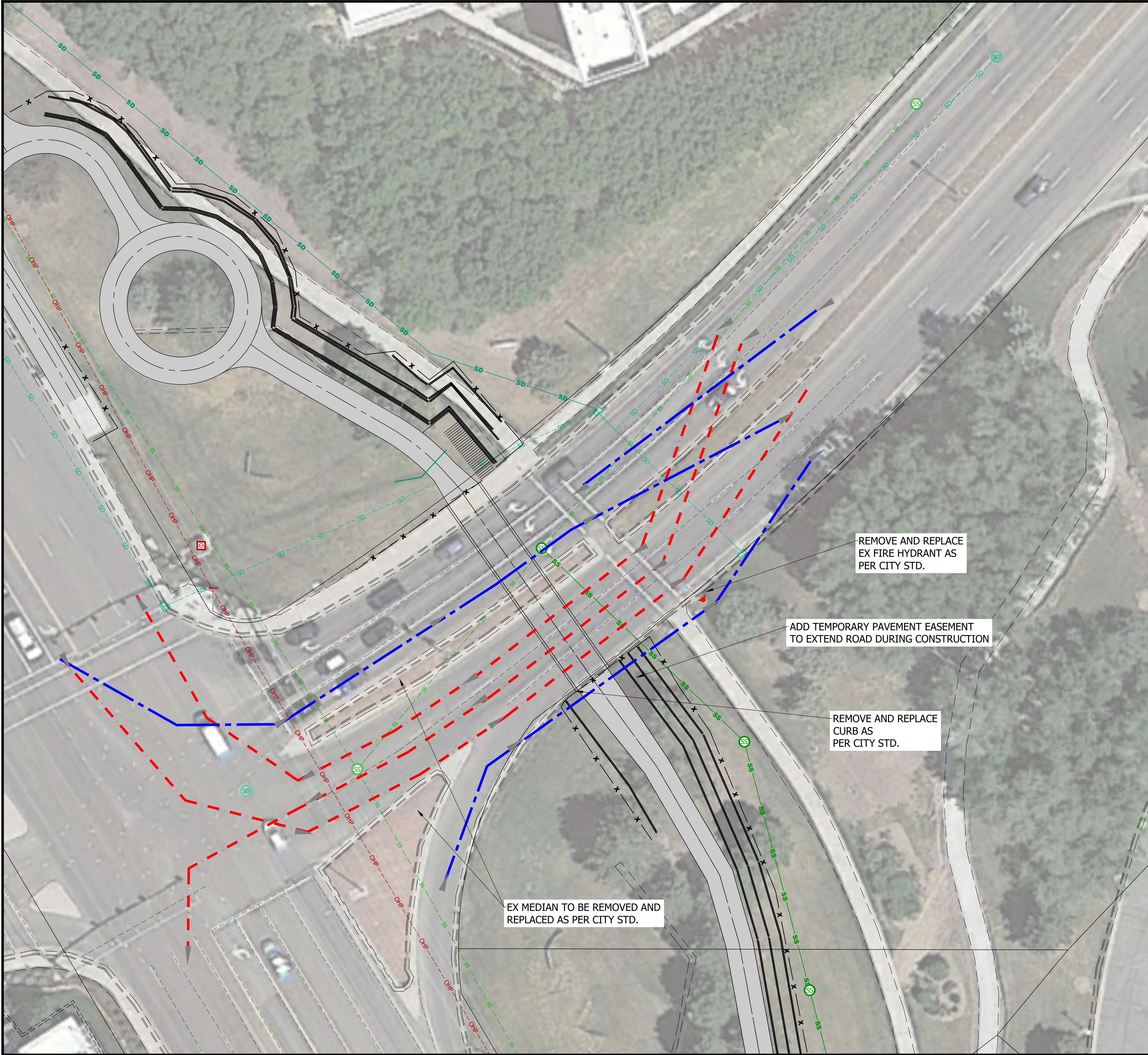
RED BUTTE CROSSING

LOCATED AT THE SE CORNER OF SECTION 4 AND THE SW CORNER OF SECTION 3.
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A110

DEMO/TRAFFIC
4910.23.1.3

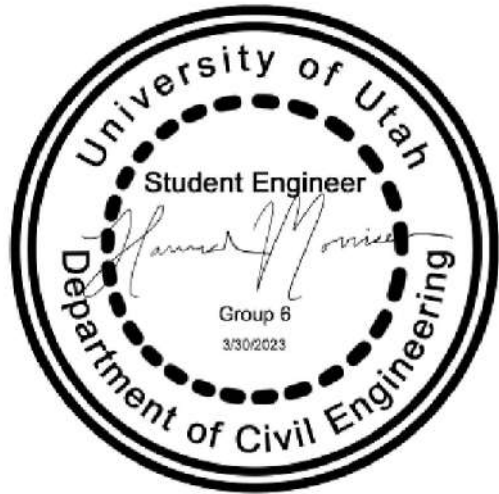


- PHASE 1 (CLOSE OFF NORTH WAKARA)
- PHASE 2 (CLOSE OFF SOUTH WAKARA)

REDUCE ALL TURN
LANES TO ONE TURN
LANE EACH

ALL AFFECTED LANES
REDUCED TO 11 FT

REVISION # DATE BY: SUMMARY



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A110

DEMO/TRAFFIC
4910.23.1.3

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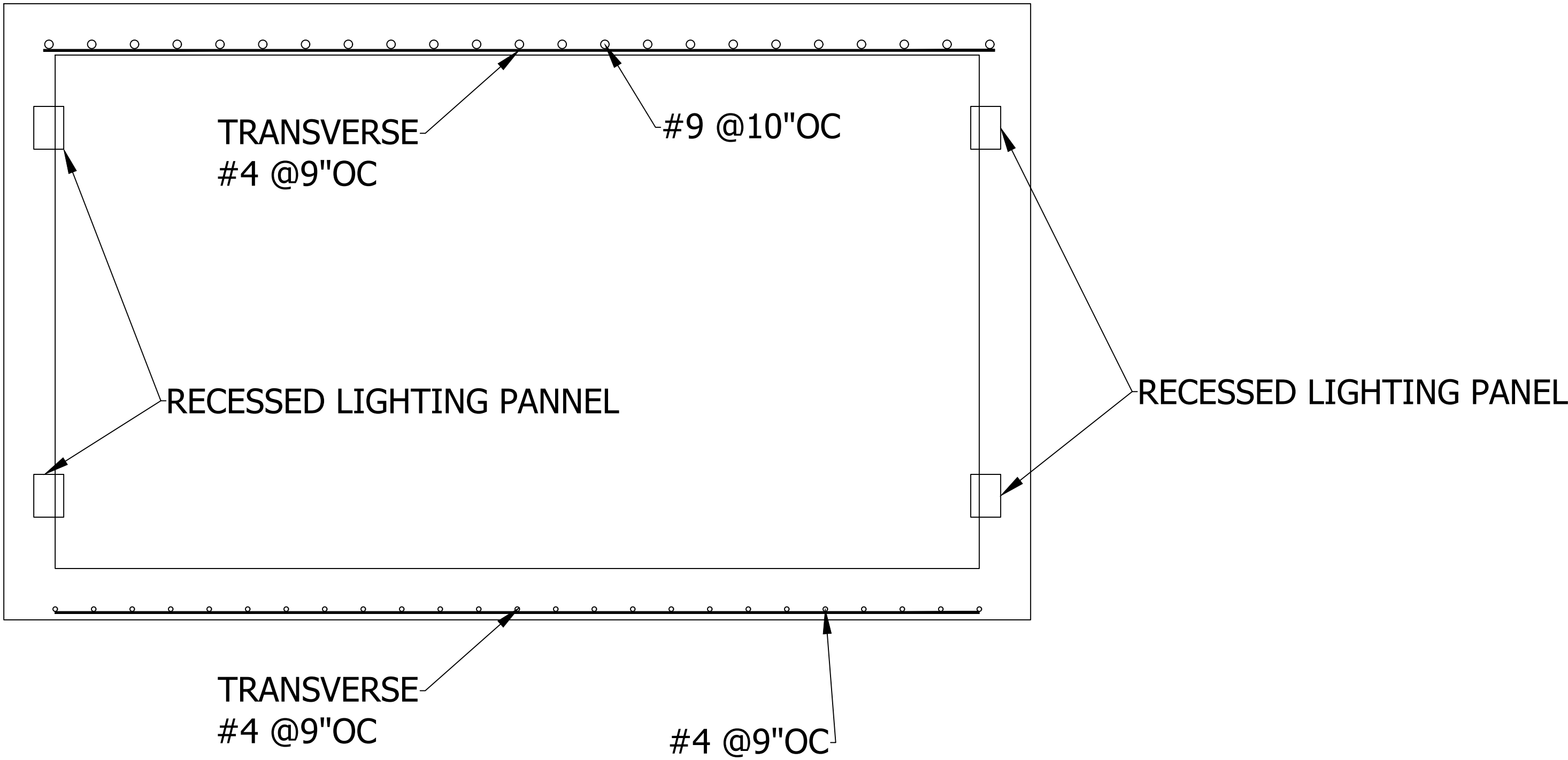
7" ³/₄" HOT MIX ASPHALT ROAD

6" BASE

3.083' CLEARANCE MIN

12" GRANULAR BORROW

10' CLEARANCE MIN



LED recessed wall luminaires - stainless steel - unshielded

BEGA

Application
LED recessed wall luminaire with unshielded light distribution for the illumination of ground surfaces, building entrances, plazas, and footpaths.

Materials
Outer rough-in housing and luminaire housing constructed of marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Faceplate constructed of 316 grade machined stainless steel
White safety glass
High temperature silicone gasket
Mechanically captive stainless steel fasteners
NRTL listed to North American Standards, suitable for wet locations
Protection class IP67
Weight: 15.4 lbs

Electrical
Operating voltage 120-277V AC
Minimum start temperature -40° C
LED module wattage 9.6W
System wattage 12.5W
Controllability 0-10V, TRIAC, and ELV dimmable
Color rendering index Ra>80
Luminaire lumens 620 lumens (3000K)
Lifetime at Ta=15°C > 500,000 h (L70)
Lifetime at Ta=45°C 164,000 h (L70)

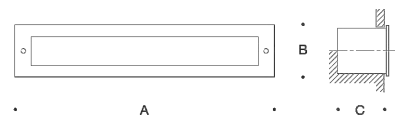
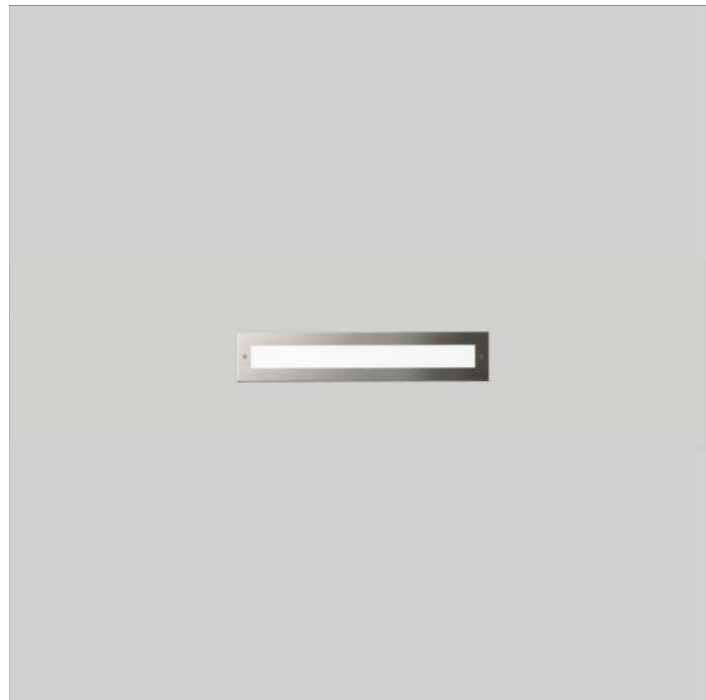
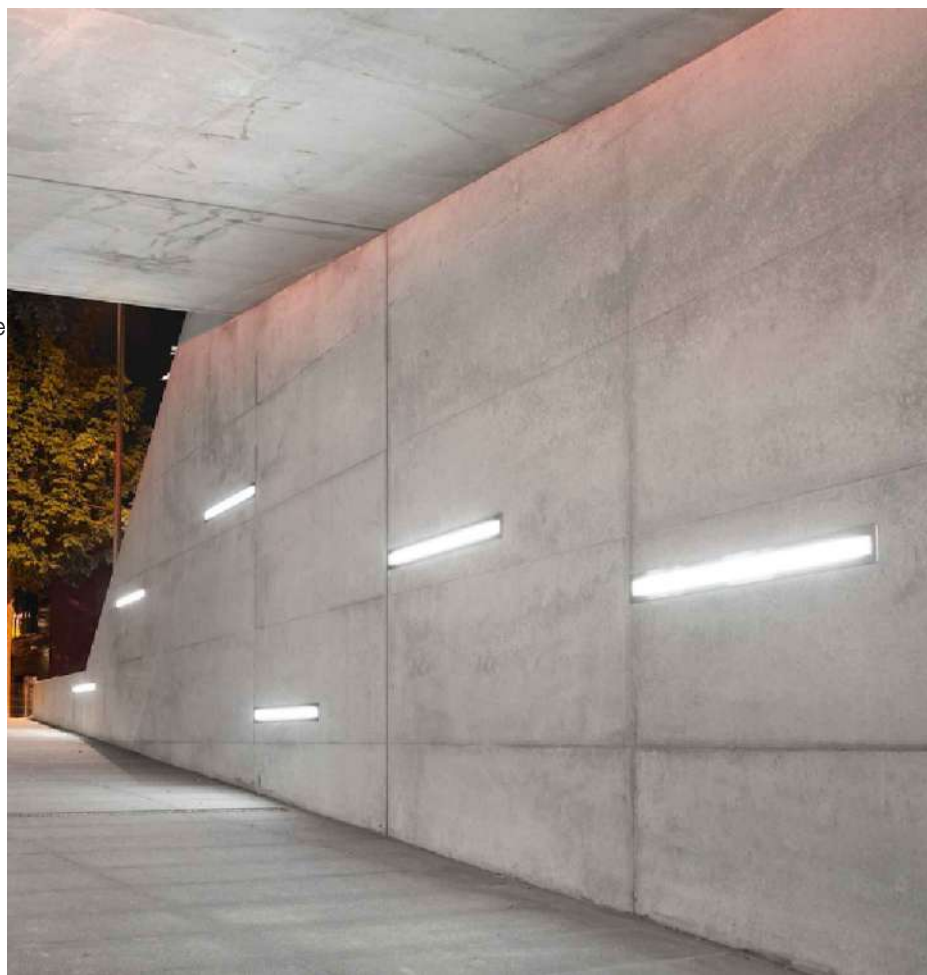
LED color temperature
☐ 2700K - Product number + **K27**
☐ 3000K - Product number + **K3**
☐ 3500K - Product number + **K35**
☐ 4000K - Product number + **K4**

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
#4 brushed stainless steel.
Custom colors are not available.
Stainless steel requires regular cleaning and maintenance, much like household appliances to maintain its luster and prevent tarnishing or the appearance of rust like stains.

Type:
BEGA Product:
Project:
Modified:

EXAMPLE OF INSTALLATION



LED recessed wall luminaires - unshielded			
	LED	A	B C
24 104	9.6W	25 1/8"	5 5"

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805)684-0533 info@bega-us.com
Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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COMMENTS

STRUCTURAL DETAILS



STRUCTURAL DETAILS



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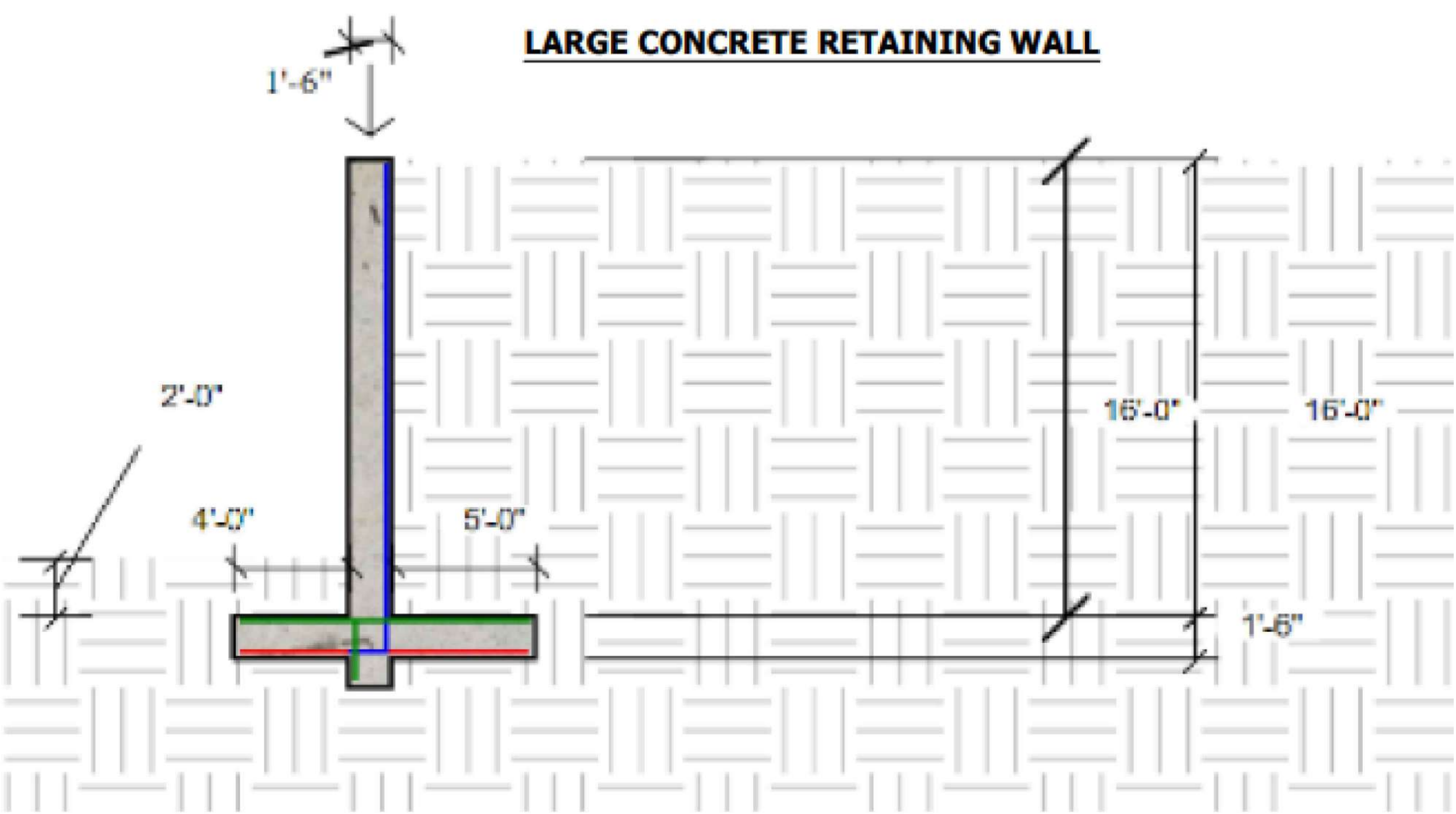
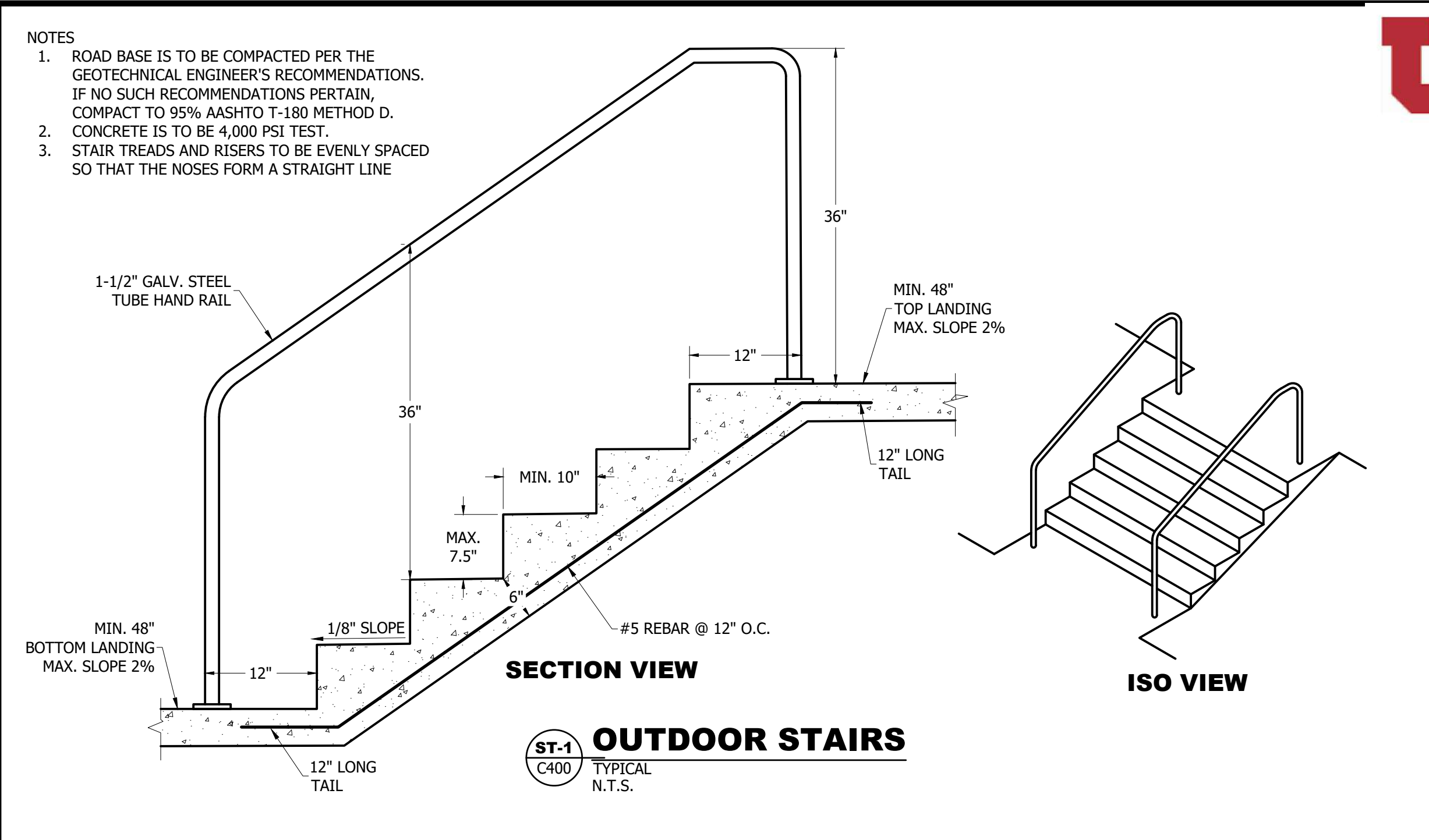
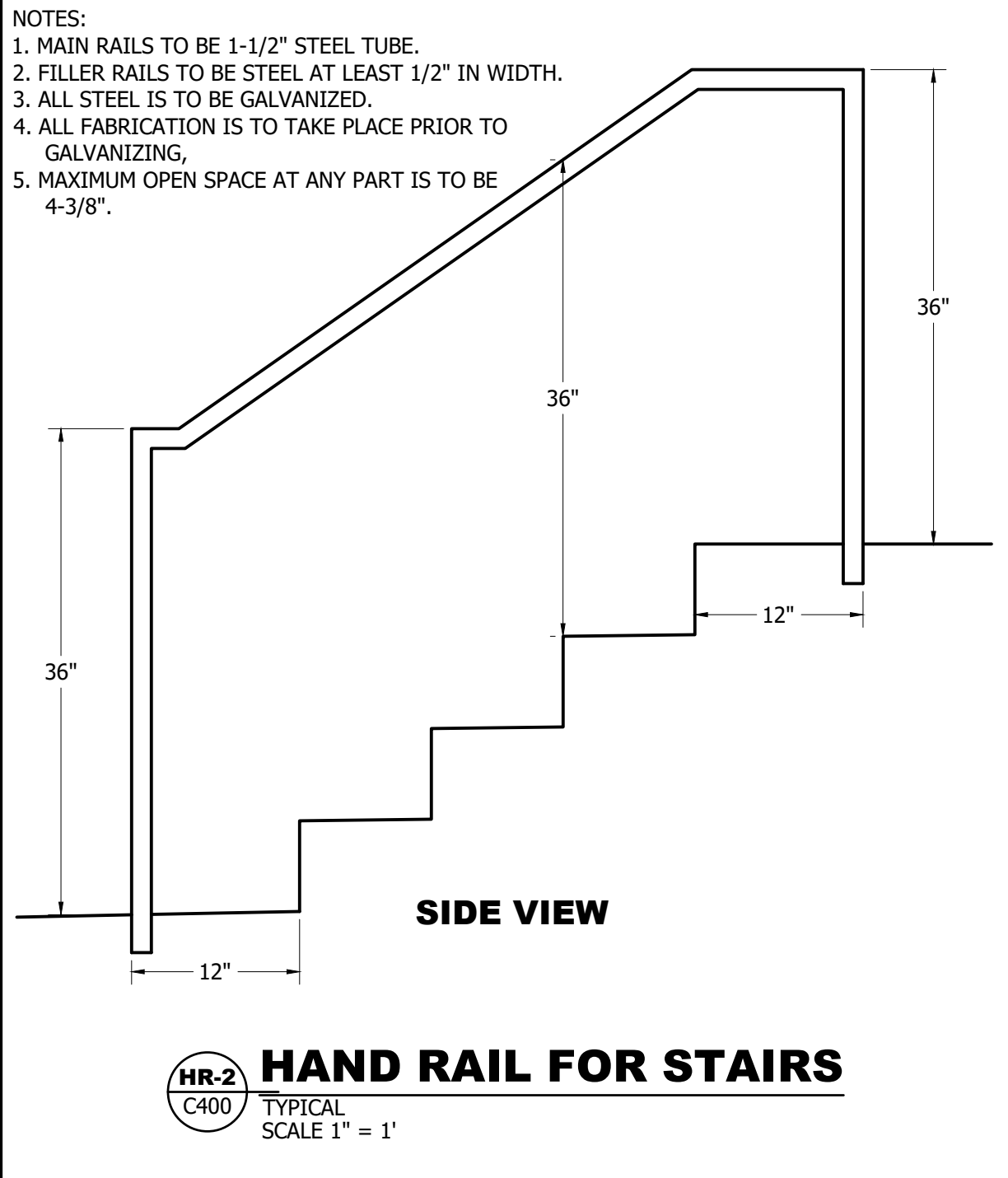
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S100

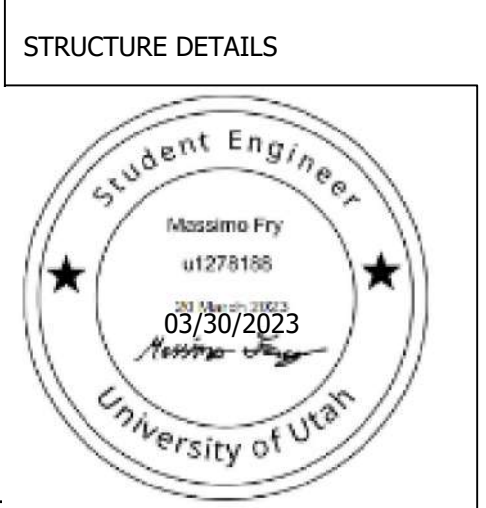
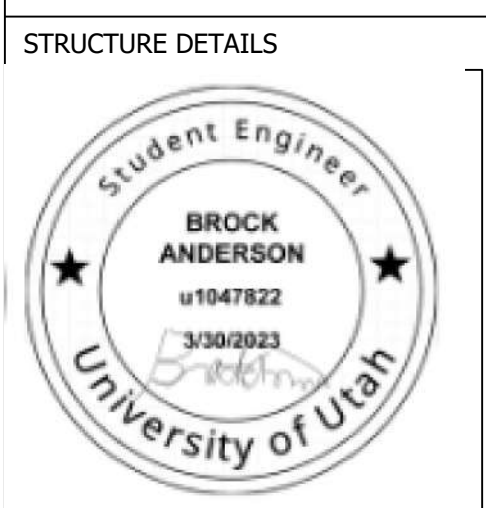
STRUCTURE SCHEMATIC
4910.23.1.3



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