

. ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: THE DESIGN ENGINEER, LOCAL AGENCY JURISDICTION, APWA (CURRENT EDITION), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. THE LATEST EDITION OF ALL STANDARDS AND SPECIFICATIONS MUST BE ADHERED TO. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, CONTRACTOR MUST CONTACT DESIGN ENGINEER FOR DIRECTION.

2. CONTRACTOR TO STRICTLY FOLLOW THE MOST CURRENT COPY OF THE SOILS REPORT FOR THIS PROJECT. ALL GRADING INCLUDING BUT NOT LIMITED TO CUT, FILL, COMPACTION, ASPHALT SECTION, SUBBASE, TRENCH EXCAVATION/BACKFILL, SITE GRUBBING, AND FOOTINGS MUST BE COORDINATED DIRECTLY WITH SOILS REPORT.

- 3. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING, AND BRING UP ANY QUESTIONS BEFORE SUBMITTING BID.
- 4. CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE CITY, STATE, OR COUNTY REGULATIONS FOR
- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS. WET DOWN DRY
- MATERIALS AND RUBBISH TO PREVENT BLOWING.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF OR DAMAGE TO EXISTING UTILITIES. 8. THE CONTRACTOR IS RESPONSIBLE TO FURNISH ALL MATERIALS TO COMPLETE THE PROJECT.
- 9. ALL EXPOSED SURFACES WILL HAVE A TEXTURED FINISH, RUBBED, OR BROOMED. ANY "PLASTERING" OF NEW CONCRETE WILL BE DONE WHILE IT IS STILL "GREEN".
- 10. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- 11. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.
- 12. ALL DIMENSIONS, GRADES, AND UTILITY DESIGN SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST, PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO THE DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS, IF SUCH NOTIFICATION
- 13. NO CHANGE IN DESIGN LOCATION OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE
- 14. NATURAL VEGETATION AND SOIL COVER SHALL NOT BE DISTURBED PRIOR TO ACTUAL CONSTRUCTION OF A REQUIRED FACILITY OR IMPROVEMENT. MASS CLEARING OF THE SITE IN ANTICIPATION OF CONSTRUCTION SHALL BE AVOIDED.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE CITY OR COUNTY SURVEYOR FOR MONUMENT LOCATIONS AND
- 16. EXISTING UTILITY INFORMATION SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. IT IS DERIVED FROM ON-SITE SURVEY AND/OR UTILITY MAPPING PROVIDED TO THE ENGINEER, AND THEREFORE UTILITIES MAY NOT BE LOCATED CORRECTLY, EITHER HORIZONTALLY OR VERTICALLY, AND MAY NOT BE ALL INCLUSIVE. CONTRACTOR IS REQUIRED TO FOLLOW THE PROCEDURE
- OUTLINED BELOW: 16.1. CONTRACTOR IS REQUIRED TO LOCATE AND POTHOLE ALL EXISTING UTILITY LINES (BOTH HORIZONTALLY AND VERTICALLY) THAT AFFECT THE PROJECT CONSTRUCTION, EITHER ON-SITE OR OFF-SITE, AND DETERMINE IF THERE ARE ANY CONFLICTS WITH THE DESIGN OF THE SITE AS SHOWN ON THE APPROVED PLANS PRIOR TO ANY CONSTRUCTION. IF IT IS DETERMINED THAT CONFLICTS EXIST BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) THE ENGINEER MUST BE NOTIFIED IMMEDIATELY TO CORRECT THE CONFLICTS BEFORE ANY WORK CAN BEGIN. IF THE CONTRACTOR FAILS TO FOLLOW THIS ABSOLUTE REQUIREMENT AND CONFLICTS ARISE DURING CONSTRUCTION THE
- CONTRACTOR WILL BEAR THE SOLE RESPONSIBILITY TO FIX THE CONFLICTS. 16.2. CONTRACTOR IS REQUIRED TO VERIFY THAT PROPER COVER AND PROTECTION OF EXISTING UTILITY LINES IS MAINTAINED OR ATTAINED WITHIN THE DESIGN ONCE VERIFICATION OF THE EXISTING UTILITIES IS COMPLETED AS OUTLINED IN 16.1 ABOVE.
- 16.3. IN ADDITION TO 16.1 AND 16.2 ABOVE THE CONTRACTOR WILL VERIFY DEPTHS OF UTILITIES IN THE FIELD BY "POTHOLING" A MINIMUM OF 300 FEET AHEAD OF PROPOSED PIPELINE CONSTRUCTION TO AVOID POTENTIAL CONFLICTS WITH DESIGNED PIPELINE ALIGNMENT AND GRADE AND EXISTING UTILITIES.
- 16.4. IF A CONFLICT ARISES BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) AS DETERMINED UNDER 16.1, 16.2 OR 16.3 THE CONTRACTOR WILL NOTIFY THE ENGINEER IMMEDIATELY TO RESOLVE THE CONFLICT.
- 16.5. IF A CONFLICT ARISES BETWEEN EXISTING UTILITIES AND DESIGN UTILITIES (OR ANOTHER ASPECT OF PROPOSED CONSTRUCTION) RESULTING FROM THE CONTRACTOR'S NEGLIGENCE TO IDENTIFY AND/OR "POTHOLE" EXISTING UTILITIES AS REQUIRED IN 16.1, 16.2 AND 16.3 ABOVE, THE CONTRACTOR WILL BE REQUIRED TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER OR ENGINEER.
- 17. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO
- 18. CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION. 19. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE.
- 20. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY
- 21. CONTRACTOR SHALL, AT THE TIME OF BIDDING AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH AND SHALL BE BONDABLE FOR AN AMOUNT REQUIRED BY THE OWNER.
- 22. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.
- 23. 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 RE-TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.
- 24. IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND/OR REPLACEMENT. THERE WILL BE NO EXTRA COST DUE TO THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.
- 25. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
- 26. CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. 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. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE SET OF NEATLY MARKED RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE 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.
- 27. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE
- 28. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM
- 29. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL TREES FROM DAMAGE.
- 30. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE GOVERNING AGENCY PRIOR TO THE PLACEMENT. 31. CONTRACTORS ARE RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE.

MORE AS WELL AS A STORM WATER POLLUTION PREVENTION PLAN.

32. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS, CITY AND STATE REQUIREMENTS AND THE MOST RECENT EDITIONS OF THE FOLLOWING: THE INTERNATIONAL PLUMBING CODE, UTAH DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS. THE CONTRACTOR IS REQUIRED TO ADHERE TO ALL OF THE ABOVE-MENTIONED DOCUMENTS UNLESS OTHERWISE NOTED AND APPROVED BY THE ENGINEER.
- 2. CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE & INTERNET SERVICE, GAS SERVICE, CABLE, AND POWER.
- EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS BASED ON ON-SITE SURVEY. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY BLUE STAKES AT 1-800-662-4111 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
- 4. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT CONTRACTOR'S EXPENSE.
- 5. TRENCH BACKFILL MATERIAL AND COMPACTION TESTS ARE TO BE TAKEN PER APWA STANDARD SPECIFICATIONS (CURRENT EDITION), SECTION 33 05 20 - BACKFILLING TRENCHES, OR AS REQUIRED BY THE GEOTECHNICAL REPORT IF NATIVE MATERIALS ARE USED. NO NATIVE MATERIALS ARE ALLOWED IN THE PIPE ZONE. THE MAXIMUM LIFT FOR BACKFILLING EXCAVATIONS IS DETERMINED BY THE GEOTECHNICAL RECOMMENDATIONS.
- 6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES AND FOR THE PROTECTION OF WORKERS. 7. THE CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION. IT IS THE
- CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNING ENTITY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS. 8. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE, CAUSED BY ANY CONDITION INCLUDING SETTLEMENT, TO EXISTING UTILITIES FROM WORK PERFORMED AT OR NEAR EXISTING UTILITIES. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT ALL EXISTING PUBLIC AND PRIVATE ROADWAY AND UTILITY FACILITIES. DAMAGE TO EXISTING FACILITIES CAUSED BY THE
- 9. ALL WATER LINE AND SEWER LINE INSTALLATION AND TESTING TO BE IN ACCORDANCE WITH LOCAL GOVERNING AGENCY'S

CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE TO THE SATISFACTION OF THE OWNER OF SAID

- 10. ALL MANHOLES, HYDRANTS, VALVES, CLEANOUT BOXES, CATCH BASINS, METERS, ETC. MUST BE RAISED OR LOWERED TO FINAL GRADE PER APWA (CURRENT EDITION) STANDARDS AND INSPECTOR REQUIREMENTS. CONCRETE COLLARS MUST BE CONSTRUCTED ON ALL MANHOLES, CLEANOUT BOXES, CATCH BASINS, AND VALVES PER APWA STANDARDS. ALL MANHOLE, CATCH BASIN, OR CLEANOUT BOX CONNECTIONS MUST BE MADE WITH THE PIPE CUT FLUSH WITH THE INSIDE OF THE BOX AND GROUTED OR SEALED.
- 11. CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW OR EXISTING PIPE DURING CONSTRUCTION. 12. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED
- CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION. 13. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
- 14. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHALL BE SO BRACED THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DEWATERED CONDITIONS.
- 15. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
- 16. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET, EDGE TO EDGE, FROM THE WATER LINES. IF A 10 FOOT SEPARATION CAN NOT BE MAINTAINED, CONSTRUCT PER GOVERNING AGENCY'S MINIMUM SEPARATION STANDARDS. 17. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
- 18. ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING. 19. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.

## TRAFFIC CONTROL AND SAFETY NOTES

THE SAFETY OF WORKERS AND VISITORS.

STANDARDS AND SPECIFICATIONS.

- TRAFFIC CONTROL AND STRIPING TO CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
- 2. BARRICADING AND DETOURING SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE CURRENT M.U.T.C.D. 3. NO STREET SHALL BE CLOSED TO TRAFFIC WITHOUT WRITTEN PERMISSION FROM THE APPROPRIATE AGENCY, EXCEPT WHEN DIRECTED BY LAW ENFORCEMENT OR FIRE OFFICIALS.
- 4. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE FOR SMOOTH TRAFFIC FLOW AND SAFETY. ACCESS SHALL BE MAINTAINED FOR ALL PROPERTIES ADJACENT TO THE WORK.
- 5. DETOURING OPERATIONS FOR A PERIOD OF SIX CONSECUTIVE CALENDAR DAYS, OR MORE, REQUIRE THE INSTALLATION OF TEMPORARY STREET STRIPING AND REMOVAL OF INTERFERING STRIPING BY SANDBLASTING. THE DETOURING STRIPING PLAN OR
- CONSTRUCTION TRAFFIC CONTROL PLAN MUST BE SUBMITTED TO THE GOVERNING AGENCY FOR REVIEW AND APPROVAL. 6. ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF THE WORK TO THE
- SATISFACTION OF THE GOVERNING AGENCY. 7. TRAFFIC CONTROL DEVICES (TCDs) SHALL REMAIN VISIBLE AND OPERATIONAL AT ALL TIMES.
- 8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF
- COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS. 9. THE CONTRACTOR SHALL PROVIDE BARRICADES, SIGNS, FLASHERS, OTHER EQUIPMENT AND FLAG PERSONS NECESSARY TO INSURE
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTAH TRANSIT AUTHORITY (UTA) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY

# **DEMOLITION NOTES**

- 1. EXISTING UTILITY INFORMATION SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. IT IS DERIVED FROM ON-SITE SURVEY AND MAY NOT BE LOCATED CORRECTLY AND IS NOT ALL INCLUSIVE. CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES WITHIN THE PROJECT LIMITS BEFORE BEGINNING DEMOLITION/CONSTRUCTION.
- 2. THERE MAY BE BURIED UTILITIES WITHIN THE LIMITS OF DISTURBANCE THAT ARE NOT SHOWN ON THE PLANS DUE TO LACK OF MAPPING OR RECORD INFORMATION. CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN UNEXPECTED UTILITIES ARE DISCOVERED.
- 3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING AND PROTECTING FROM DAMAGE ALL EXISTING UTILITIES AND IMPROVEMENTS WHETHER OR NOT SHOWN ON THESE PLANS. THE FACILITIES AND IMPROVEMENTS ARE BELIEVED TO BE CORRECTLY SHOWN BUT THE CONTRACTOR IS REQUIRED TO SATISFY HIMSELF AS TO THE COMPLETENESS AND ACCURACY OF THE LOCATIONS. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY, OR INDIRECTLY, FROM HIS OPERATIONS, WHETHER OR NOT SAID FACILITIES ARE SHOWN ON THESE PLANS.

## **GRADING AND DRAINAGE NOTES**

- 1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL RELATED ADDENDUMS.
- 2. THE CONTRACTOR SHALL STRIP AND CLEAR THE TOPSOIL, MAJOR ROOTS AND ORGANIC MATERIAL FROM ALL PROPOSED BUILDING AND PAVEMENT AREAS PRIOR TO SITE GRADING. (THE TOPSOIL MAY BE STOCKPILED FOR LATER USE IN LANDSCAPED AREAS.) 3. THE CONTRACTOR SHALL REMOVE ALL ORGANIC MATERIAL AND OTHER DELETERIOUS MATERIALS PRIOR TO PLACING GRADING FILL
- OR BASE COURSE. THE AREA SHOULD BE PROOF-ROLLED TO IDENTIFY ANY SOFT AREAS. WHERE SOFT AREAS ARE ENCOUNTERED, THE CONTRACTOR SHALL REMOVE THE SOIL AND REPLACE WITH COMPACTED FILL.
- 5. THE CONTRACTOR SHALL CONSTRUCT THE BUILDING PAD TO THESE DESIGN PLANS AS PART OF THE SITE GRADING CONTRACT, AND STRICTLY ADHERE TO THE SITE PREPARATION AND GRADING REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT.

4. ALL DEBRIS PILES AND BERMS SHOULD BE REMOVED AND HAULED AWAY FROM SITE OR USED AS GENERAL FILL IN LANDSCAPED

- 6. THE CONTRACTOR SHALL GRADE THE PROJECT SITE TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING ASPHALT, CURB AND GUTTER, AND ADJOINING SITE IMPROVEMENTS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AND DEBRIS ON ADJACENT STREETS WHEN EQUIPMENT IS TRAVELING THOSE STREETS.
- 8. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL CONDITIONS AND RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT AND TAKE ALL NECESSARY PRECAUTIONS AND RECOMMENDED PROCEDURES TO ASSURE SOUND GRADING PRACTICES. 9. THE CONTRACTOR SHALL TAKE APPROPRIATE GRADING MEASURES TO DIRECT STORM SURFACE RUNOFF TOWARDS CATCH BASINS.
- 10. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON ON-SITE SURVEY. IT SHALL BE THE CONTRACTORS' FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
- 11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES, AND SLOPES SHOWN.
- 12. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF
- 13. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT. ALL CONTRACTOR ACTIVITIES 1 ACRE OR MORE IN SIZE ARE REQUIRED TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN.
- 14. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED. 15. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION
- 16. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY-OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY,

PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE, AND USABLE CONDITION.

## SANDY CITY PUBLIC WORKS GENERAL NOTES

- 1. THE CONTRACTOR SHALL OBTAIN A PERMIT TO WORK IN THE PUBLIC WAY (ROAD CUT PERMIT) FROM THE PUBLIC WORKS DEPARTMENT. CONTACT MONICA PETERSON (801-568-2960, MPETERSON (SANDY. UTAH. GOV) FOR REQUIREMENTS. TRAFFIC PLAN, BONDING, AND INSURANCE WILL BE REQUIRED.
- 2. NOTIFY SANDY CITY PUBLIC WORKS INSPECTION DEPARTMENT, 801-568-2999, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OF ANY ROADWAYS OR PUBLIC IMPROVEMENTS, INCLUDING SEWER FACILITIES. ALL INSPECTIONS MUST BE DONE PRIOR TO OR CONCURRENT WITH CONSTRUCTION. FAILURE TO MAKE THIS NOTIFICATION MAY RESULT IN THE UNCOVERING AND/OR REMOVAL OF ALL ITEMS INSTALLED WITHOUT NOTIFICATION, AT THE DISCRETION OF THE CITY ENGINEER.
- 3. FOLLOW ALL RECOMMENDATIONS OF THE APPROVED GEOTECHNICAL REPORT. SANDY CITY STANDARD SPECIFICATIONS AND DETAILS SHALL GOVERN, HOWEVER, UNLESS GEOTECHNICAL REPORT RECOMMENDATIONS ARE MORE STRINGENT.
- 4. DUST, MUD, AND EROSION SHALL BE ADEQUATELY CONTROLLED, BY WHATEVER MEANS NECESSARY, AND THE CONTROLLED, AND THE ROADWAY SHALL BE KEPT FREE OF MUD AND DEBRIS, AT ALL TIMES. HOWEVER, THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS, FOR DUST SUPPRESSION, IS ABSOLUTELY PROHIBITED.
- 5. ANY PROPOSED CHANGES TO THE APPROVED DESIGN SHALL BE REVIEWED AND APPROVED BY THE ENGINEER OR ARCHITECT OF RECORD AND THE CITY ENGINEER.
- 6. PRIOR TO RELEASE OF THE IMPROVEMENT COMPLETION ASSURANCE (BOND), THE DEVELOPER SHALL SUBMIT A .PDF COPY OF THE CONTRACTOR'S SITE (NOT BUILDING) CONSTRUCTION DRAWINGS SET TO SANDY CITY PUBLIC WORKS DEPARTMENT. AN AS-BUILT FIELD SURVEY IS NOT REQUIRED. THE AS-BUILT DRAWING MAY BE SUBMITTED BY E-MAIL AT DPOULSEN@SANDY.UTAH.GOV, OR ON A USB FLASH DRIVE, OR THE HARD-COPY ORIGINAL MAY BE SUBMITTED TO SANDY CITY (DAVE POULSEN 801-568-6058), WHERE THE SET WILL BE SCANNED AND RETURNED TO THE OWNER.
- 7. PROVIDE AN ESTIMATE OF THE QUANTITIES OF EXCAVATION AND FILL, AS WELL AS LOCATIONS OF BORROW SITES, SURPLUS DISPOSAL SITES, AND HAUL ROUTES, TO THE SANDY CITY PUBLIC WORKS INSPECTOR.

## SANDY CITY PUBLIC WORKS GRADING PLAN NOTES

- 1. PROVIDE SLOPE AWAY FROM BUILDING THAT COMPLIES WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2% MINIMUM/12% MAXIMUM ON HARD SURFACES; 5% MINIMUM/2:1 MAXIMUM IN LANDSCAPE AREAS--FOR A MINIMUM OF 10 FEET IN ANY 2H:1V MAXIMUM SLOPE IN LANDSCAPE AREAS.
- 2. FOR RETAINING WALLS THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTINGS TO TOP OF WALL), SUBMIT DESIGN CALCULATIONS AND DETAILS, STAMPED AND SIGNED BY PROFESSIONAL ENGINEER CURRENTLY LICENSED IN UTAH, FOR REVIEW AND APPROVAL, TO RYAN KUMP, SANDY CITY ENGINEER (801-568-2962).
- 3. OBTAIN A PERMIT FROM SANDY CITY BUILDING DIVISION (801-568-7251) PRIOR TO CONSTRUCTION ANY RETAINING WALL THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTING TO TOP OF WALL).
- 4. A PROFESSIONAL ENGINEER, CURRENTLY LICENSED IN UTAH, SHALL INSPECT DURING CONSTRUCTION, AND APPROVE AFTER CONSTRUCTION, ANY RETAINING WALLS THAT ARE 4.0 FEET HIGH OR HIGHER, FROM TOP OF WALL TO BOTTOM OF FOOTING. SAID ENGINEER SHALL SUBMIT A LETTER STAMPED, WITH THE STAMP SIGNED AND DATED, AND INDICATING THAT THE WALL WAS INSTALLED ACCORDING TO THE APPROVED DESIGN, TO THE SANDY CITY ENGINEER, PRIOR TO RELEASE OF THE GUARANTEE.

# **ABBREVIATIONS**

APWA	AMERICAN PUBLIC WORKS ASSOCIATION	NG	NATURAL GROUND
AR	ACCESSIBLE ROUTE	NIC	NOT IN CONTRACT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NO	NUMBER
AWWA	AMERICAN WATER WORKS ASSOCIATION	OC	ON CENTER
BOS	BOTTOM OF STEP	OCEW	ON CENTER EACH WAY
BVC	BEGIN VERTICAL CURVE	OHP	OVERHEAD POWER
C	CURVE	PC	POINT OF CURVATURE OR PRESSUR
СВ	CATCH BASIN	PCC	POINT OF COMPOUND CURVATURE
CF	CURB FACE OR CUBIC FEET	PI	POINT OF INTERSECTION
CL	CENTER LINE	PIV	POST INDICATOR VALVE
CO	CLEAN OUT	PL	PROPERTY LINE
COMM	COMMUNICATION	PRC	POINT OF REVERSE CURVATURE
CONC	CONCRETE	PRO	PROPOSED
CONT	CONTINUOUS	PT	POINT OF TANGENCY
DIA	DIAMETER	PVC	POINT OF VERTICAL CURVATURE
DIP	DUCTILE IRON PIPE	PVI	POINT OF VERTICAL INTERSECTION
ELEC	ELECTRICAL	PVT	POINT OF VERTICAL TANGENCY
ELEV	ELEVATION	R	RADIUS
EOA	EDGE OF ASPHALT	RD	ROOF DRAIN
EVC	END OF VERTICAL CURVE	ROW	RIGHT OF WAY
EW	EACH WAY	S	SLOPE
EXIST	EXISTING	SAN SWR	SANITARY SEWER
FF	FINISH FLOOR	SD	STORM DRAIN
FG	FINISH GRADE	SEC	SECONDARY
FH	FIRE HYDRANT	SS	SANITARY SEWER
FL	FLOW LINE OR FLANGE	STA	STATION
GB	GRADE BREAK	SW	SECONDARY WATER LINE
GF GF	GARAGE FLOOR	TBC	TOP BACK OF CURB
GF GV	GARAGE FLOOR GATE VALVE	TOG	TOP OF GRATE
HC	HANDICAP	TOA	TOP OF GRATE TOP OF ASPHALT
HP	HIGH POINT	TOC	TOP OF CONCRETE
IRR			
	IRRIGATION RATE OF VERTICAL CURVATURE	TOF	TOP OF FOUNDATION
K LD	LAND DRAIN	TOW	TOP OF WALL
LF	LINEAR FEET	TOS	TOP OF STEP
		TYP	TYPICAL
LP	LOW POINT	VC	VERTICAL CURVE
MEX	MATCH EXISTING	WIV	WALL INDICATOR VALVE
MH	MANHOLE	W	WATER LINE
MJ	MECHANICAL JOINT		

NOTE: MAY CONTAIN ABBREVIATIONS THAT ARE NOT USED IN THIS PLAN SET.

SECTION CORNER			EXIS
EXISTING MONUMENT			PROI
PROPOSED MONUMENT			EXIS
EXISTING REBAR AND CAP			PROI
SET ENSIGN REBAR AND CAP		- x — —	EXIS
EXISTING WATER METER		- x	PROI
PROPOSED WATER METER	-··-	- · · · · -	EXIS
EXISTING WATER MANHOLE			PRO
PROPOSED WATER MANHOLE		· — — · —	GRAI
EXISTING WATER BOX		- sd — —	EXIS
EXISTING WATER VALVE		- SD	PROI
PROPOSED WATER VALVE		- RD	ROO
EXISTING FIRE HYDRANT			CATO
PROPOSED FIRE HYDRANT		- HWL	HIGH
PROPOSED FIRE DEPARTMENT CONNECTION		- ss — —	EXIS
EXISTING SECONDARY WATER VALVE		- SS	PRO
PROPOSED SECONDARY WATER VALVE		ss	PROI
EXISTING IRRIGATION BOX		- ld — —	EXIS
EXISTING IRRIGATION VALVE		- LD	PROI
PROPOSED IRRIGATION VALVE		LD	PRO
EXISTING SANITARY SEWER MANHOLE		- w — —	EXIS
PROPOSED SANITARY SEWER MANHOLE		- W	PROI
EXISTING SANITARY CLEAN OUT	<del></del>	v — — — w —	PRO
	EXISTING MONUMENT PROPOSED MONUMENT EXISTING REBAR AND CAP SET ENSIGN REBAR AND CAP EXISTING WATER METER PROPOSED WATER METER EXISTING WATER MANHOLE PROPOSED WATER MANHOLE EXISTING WATER BOX EXISTING WATER VALVE PROPOSED WATER VALVE EXISTING FIRE HYDRANT PROPOSED FIRE DEPARTMENT CONNECTION EXISTING SECONDARY WATER VALVE EXISTING IRRIGATION BOX EXISTING IRRIGATION VALVE PROPOSED IRRIGATION VALVE EXISTING SANITARY SEWER MANHOLE PROPOSED SANITARY SEWER MANHOLE	EXISTING MONUMENT  PROPOSED MONUMENT  EXISTING REBAR AND CAP  SET ENSIGN REBAR AND CAP  EXISTING WATER METER  PROPOSED WATER METER  EXISTING WATER MANHOLE  PROPOSED WATER MANHOLE  EXISTING WATER BOX  EXISTING WATER VALVE  PROPOSED WATER VALVE  EXISTING FIRE HYDRANT  PROPOSED FIRE DEPARTMENT CONNECTION  EXISTING SECONDARY WATER VALVE  EXISTING IRRIGATION BOX  EXISTING IRRIGATION VALVE  PROPOSED IRRIGATION VALVE  EXISTING SANITARY SEWER MANHOLE  PROPOSED SANITARY SEWER MANHOLE	EXISTING MONUMENT  PROPOSED MONUMENT  EXISTING REBAR AND CAP  SET ENSIGN REBAR AND CAP  EXISTING WATER METER  PROPOSED WATER METER  EXISTING WATER MANHOLE  PROPOSED WATER MANHOLE  EXISTING WATER BOX  EXISTING WATER VALVE  PROPOSED WATER VALVE  EXISTING FIRE HYDRANT  PROPOSED FIRE DEPARTMENT CONNECTION  EXISTING SECONDARY WATER VALVE  EXISTING IRRIGATION BOX  EXISTING IRRIGATION VALVE  PROPOSED IRRIGATION VALVE  EXISTING IRRIGATION VALVE  EXISTING SANITARY SEWER MANHOLE  PROPOSED SANITARY SEWER MANHOLE  PROPOSED SANITARY SEWER MANHOLE  PROPOSED SANITARY SEWER MANHOLE  W

# PROPOSED STORM DRAIN CATCH BASIN

EXISTING STORM DRAIN CLEAN OUT EXISTING STORM DRAIN CULVERT PROPOSED STORM DRAIN CULVERT

ROOF DRAIN EXISTING ELECTRICAL MANHOLE EXISTING ELECTRICAL BOX

EXISTING TRANSFORMER © EXISTING UTILITY POLE

EXISTING GAS METER

EXISTING GAS VALVE

EXISTING TELEPHONE BOX

EXISTING SIGN PROPOSED SIGN

EXISTING TREE

(ISTING STRIPING ISTING FENCE ROPOSED FENCE (ISTING FLOW LINE

RADE BREAK STORM DRAIN LINE ROPOSED STORM DRAIN LINE OF DRAIN LINE

GHWATER LINE

EXISTING STORM DRAIN CLEAN OUT BOX PROPOSED STORM DRAIN CLEAN OUT BOX EXISTING STORM DRAIN INLET BOX — — irr — — EXISTING IRRIGATION LINE EXISTING STORM DRAIN CATCH BASIN

EXISTING STORM DRAIN COMBO BOX PROPOSED STORM DRAIN COMBO BOX — — e — EXISTING ELECTRICAL LINE — — g — — EXISTING GAS LINE — — t — — EXISTING TELEPHONE LINE

TEMPORARY SAG INLET PROTECTION · · · · · · · · SAW CUT LINE TEMPORARY IN-LINE INLET PROTECTION

EXISTING GAS MANHOLE EXISTING TELEPHONE MANHOLE EXISTING TRAFFIC SIGNAL BOX (CABLE) EXISTING CABLE BOX

EXISTING BOLLARD o PROPOSED BOLLARD

EXISTING SPOT ELEVATION PROPOSED SPOT ELEVATION ⇒ EXISTING FLOW DIRECTION

DENSE VEGETATION

NOTE: MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PLAN SET.

(ISTING EDGE OF ASPHALT ROPOSED EDGE OF ASPHALT

ROPOSED STRIPING

ROPOSED FLOW LINE

(ISTING SANITARY SEWER

ROPOSED SANITARY SEWER LINE ROPOSED SAN. SWR. SERVICE LINE (ISTING LAND DRAIN LINE ROPOSED LAND DRAIN LINE ROPOSED LAND DRAIN SERVICE LINE

(ISTING CULINARY WATER LINE ROPOSED CULINARY WATER LINE ROPOSED CULINARY WATER SERVICE LINE — sw — — EXISTING SECONDARY WATER LINE PROPOSED SEC. WATER SERVICE LINE ------ IRR ------ PROPOSED IRRIGATION LINE

----- ohp ----- EXISTING OVERHEAD POWER LINE AR ACCESSIBLE ROUTE

STRAW WATTLE TEMPORARY BERM LIMITS OF DISTURBANCE □□□□□□□□ EXISTING WALL

EXISTING CONTOURS PROPOSED CONTOURS BUILDABLE AREA WITHIN SETBACKS PUBLIC DRAINAGE EASEMENT EXISTING ASPHALT TO BE REMOVED PROPOSED ASPHALT

EXISTING CURB AND GUTTER PROPOSED CURB AND GUTTER PROPOSED REVERSE PAN CURB AND GUTTER TRANSITION TO REVERSE PAN CURB

CONCRETE TO BE REMOVED EXISTING CONCRETE PROPOSED CONCRETE BUILDING TO BE REMOVED 777777 EXISTING BUILDING PROPOSED BUILDING

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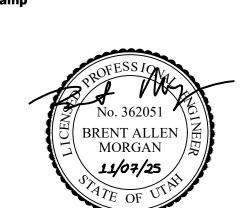
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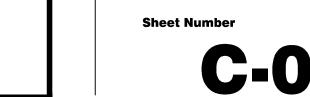
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**GENERAL NOTES** 





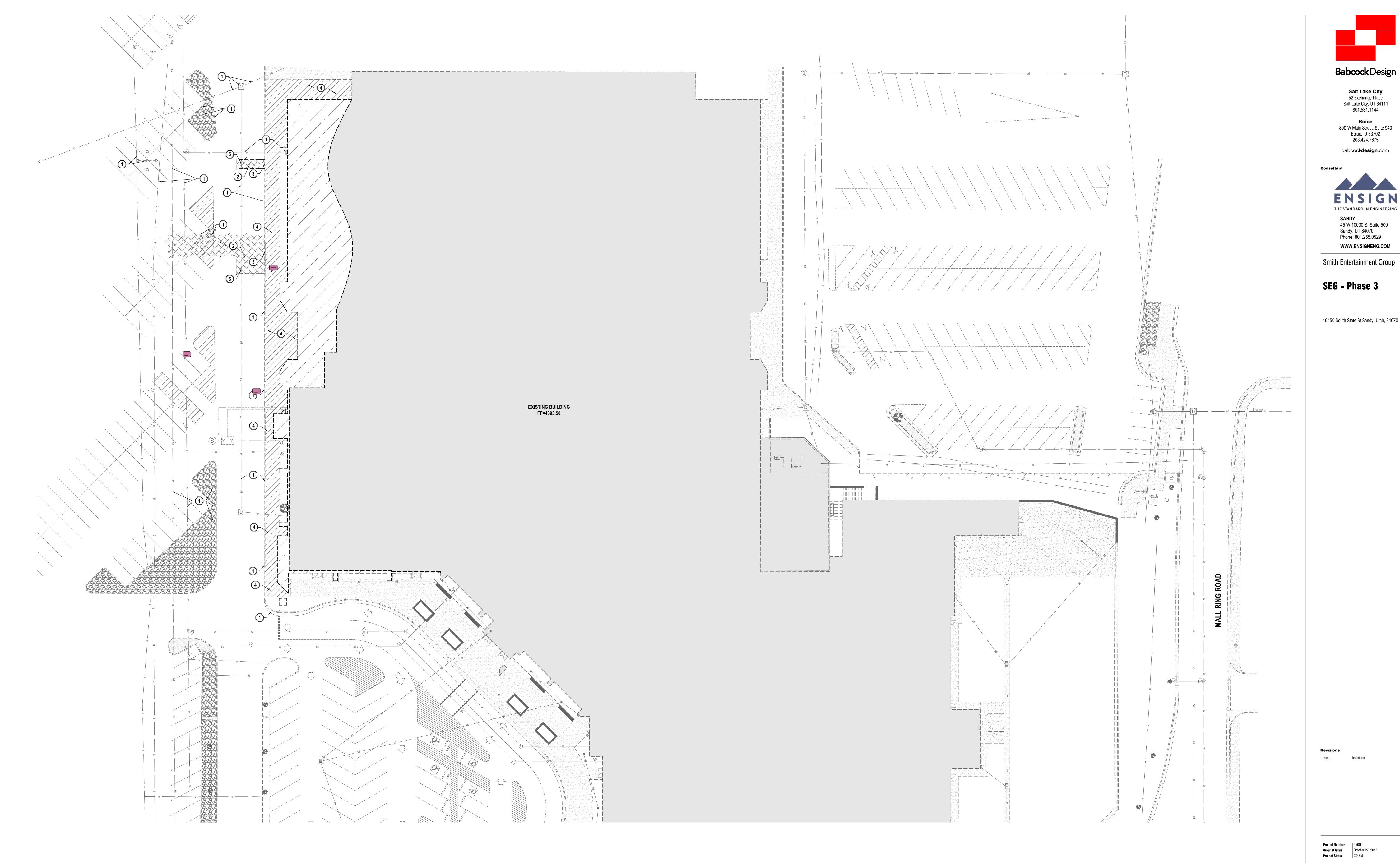
CENTERLINE MONUMENT

ELEV = 4401.17'

CALL BLUESTAKES

PRIOR TO THE COMMENCEMENT OF AN CONSTRUCTION.

@ 811 AT LEAST 48 HOURS



# **GENERAL NOTES**

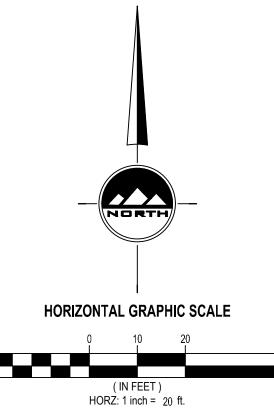
- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS
  BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS
  OTHERWISE NOTED). 2. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATION SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S

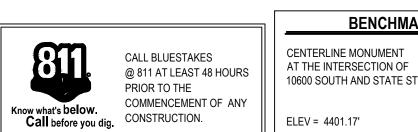
  3 SAWCUT, REMOVE AND PROPERLY DISPOSE OF EXISTING CONCRETE CURB. FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE

  SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE SIDEWALK. CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO

  5 REMOVE AND PROPERLY DISPOSE OF PORTION OF EXISTING STORM DRAIN PIPE. REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
- 3. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
- 4. ALL CONSTRUCTION SIGNAGE, BARRICADES, TRAFFIC CONTROL DEVICES, ETC. SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. THE CONTRACTOR WILL MAINTAIN SUCH SO THAT THEY ARE PROPERLY PLACED AND VISIBLE AT ALL TIMES.
- 5. SIDEWALKS AND CURBS DESIGNATED TO BE DEMOLISHED SHALL BE DEMOLISHED TO THE NEAREST EXPANSION JOINT, MATCHING THESE PLANS AS CLOSELY AS POSSIBLE.
- 6. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:





10600 SOUTH AND STATE STREET

Demolition Plan

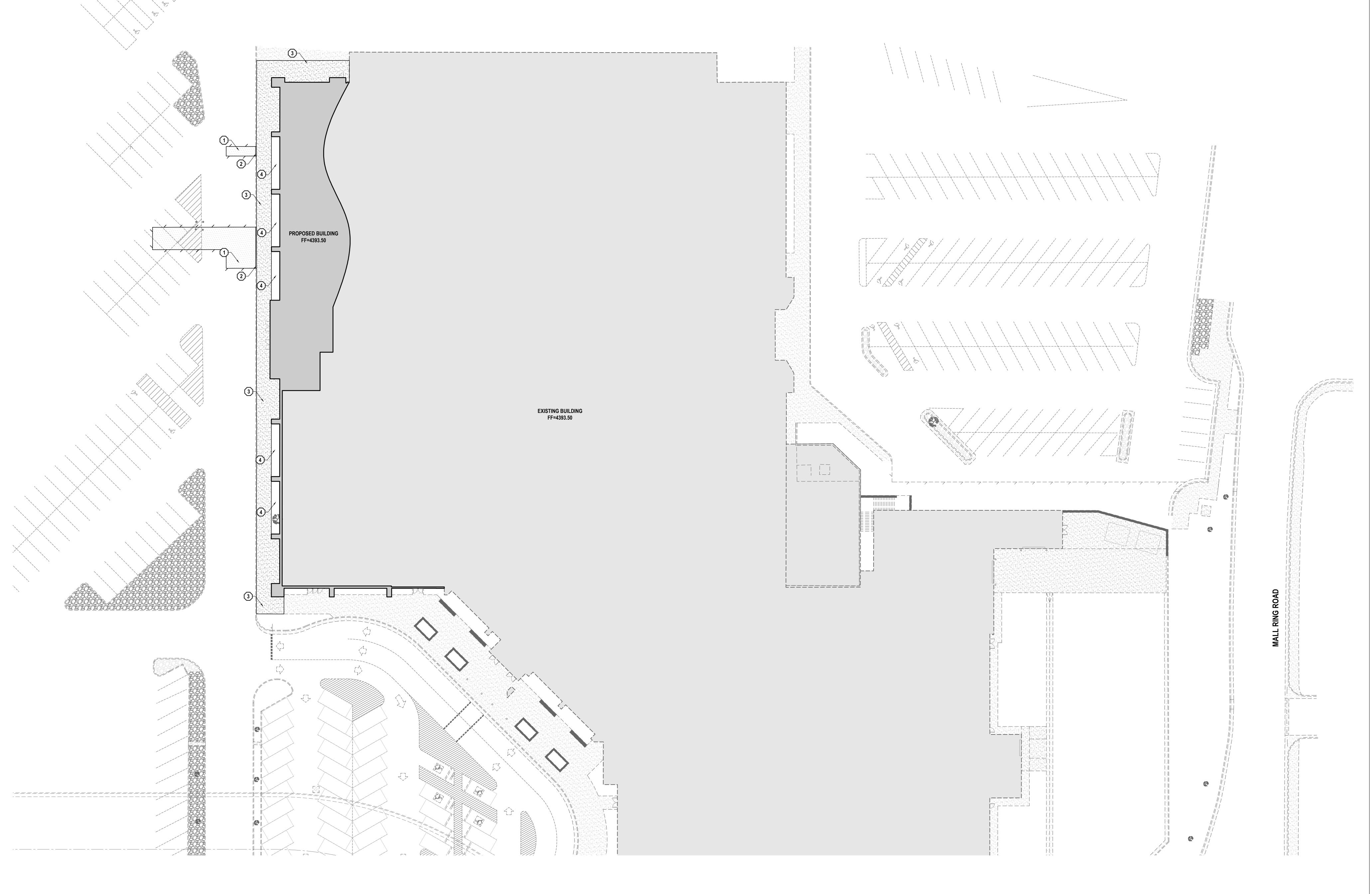
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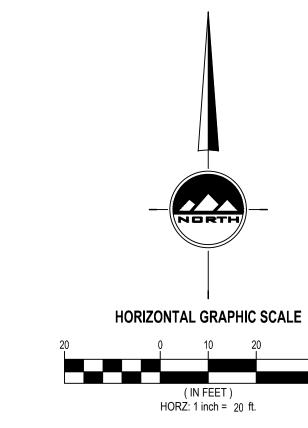
# **GENERAL NOTES**

- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS. 3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS
- THROUGHOUT SITE. 4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM
- TRAFFIC CONTROL DEVICES). 5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED,
- INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.

UNLESS OTHERWISE NOTED ON THESE PLANS.

6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT. 7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC.

- PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS: 1) ASPHALT PAVEMENT PER SANDY CITY PUBLIC WORKS STANDARD DETAIL RC-02.
- (2) 6" CURB PER SANDY CITY PUBLIC WORKS STANDARD DETAIL CG-01.
- 3 4" THICK CONCRETE SIDEWALK PER SANDY CITY PUBLIC WORKS STANDARD DETAIL SW-03.
- 4 LANDSCAPE AREA. SEE LANDSCAPE PLANS.





CENTERLINE MONUMENT AT THE INTERSECTION OF 10600 SOUTH AND STATE STREET ELEV = 4401.17'



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THE STANDARD IN ENGINEERING

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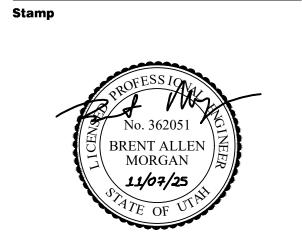
SEG - Phase 3

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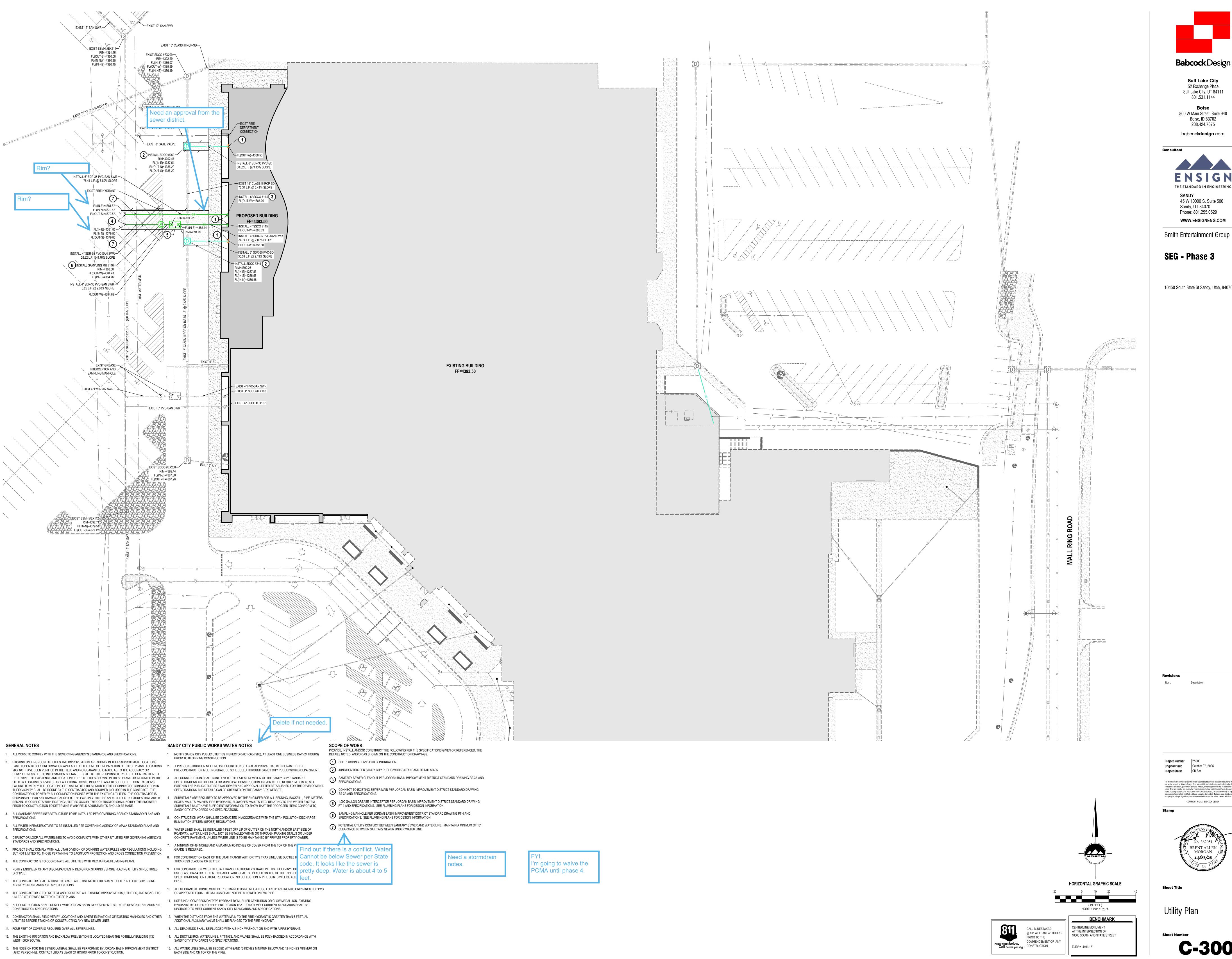
Project Number | 25009

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Site Plan



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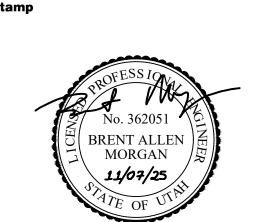
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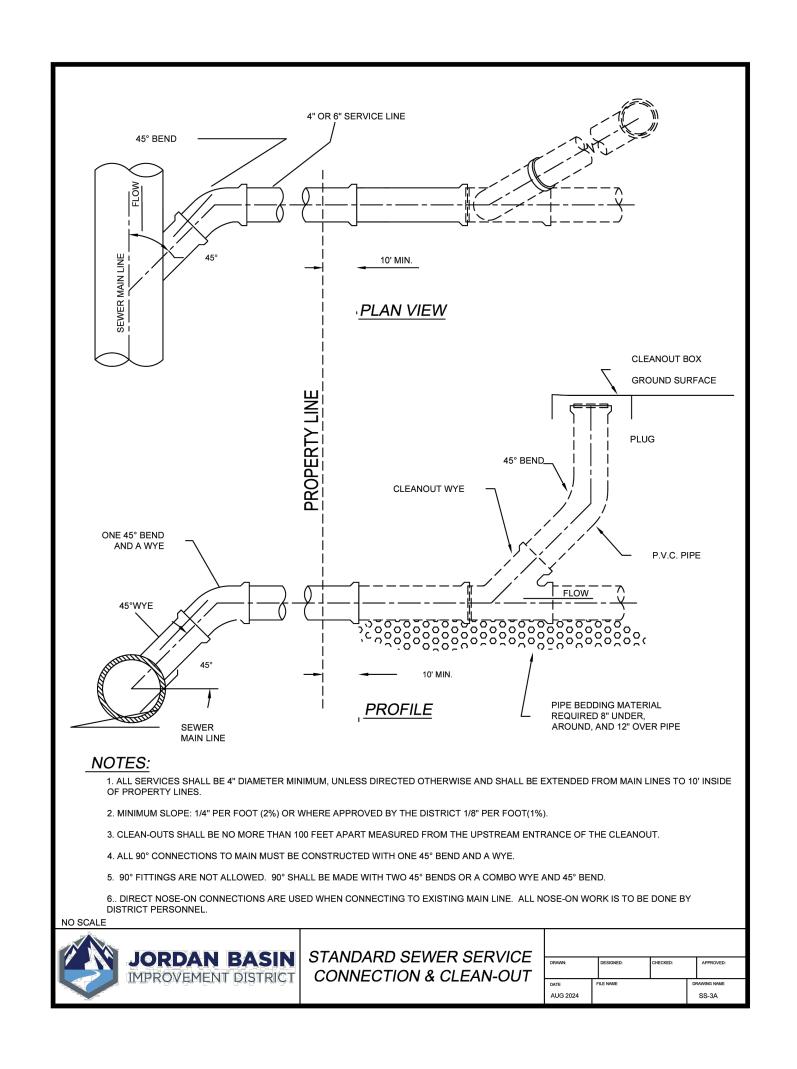
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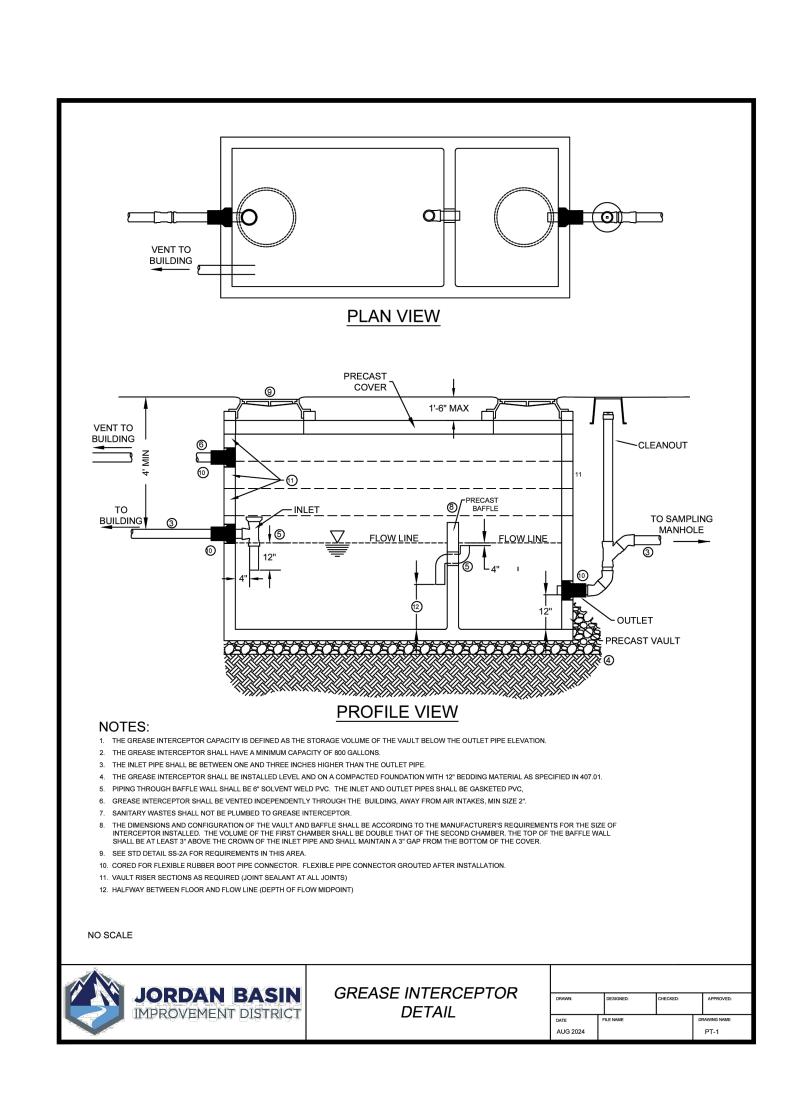
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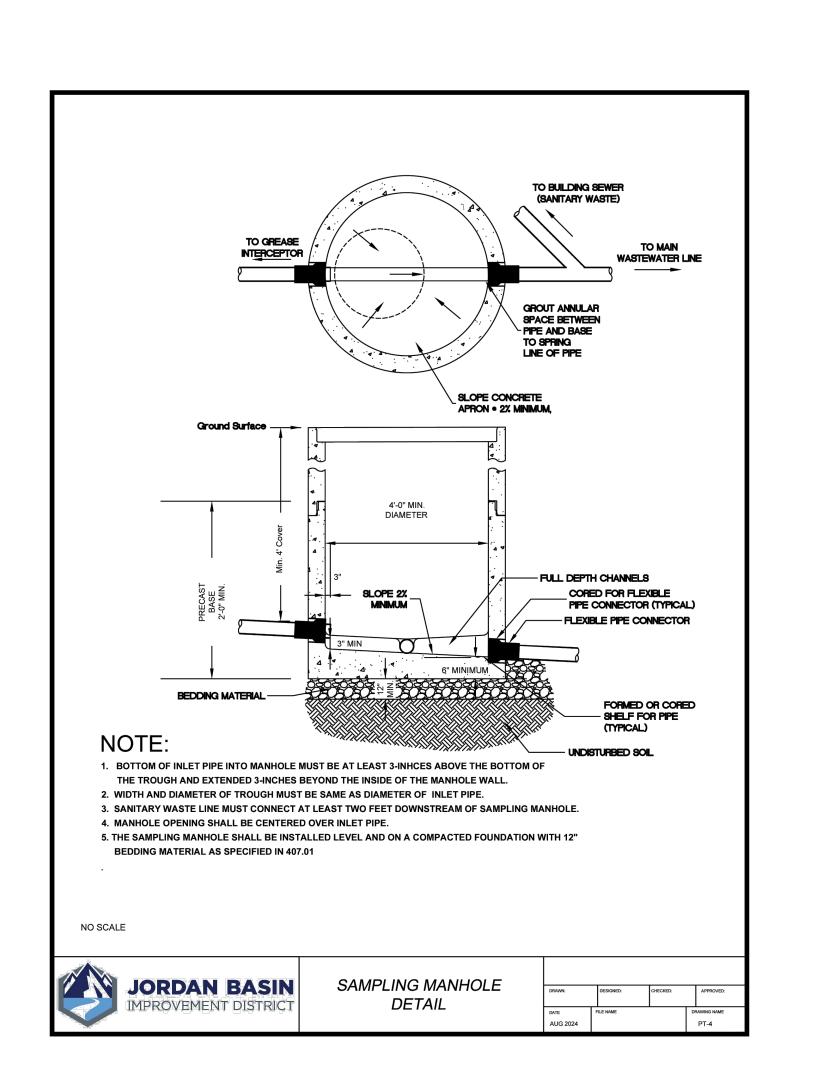
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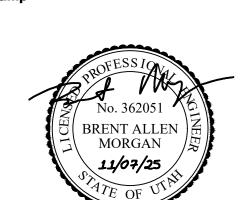
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**Description** 

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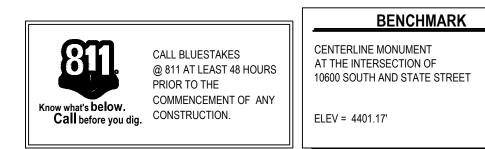
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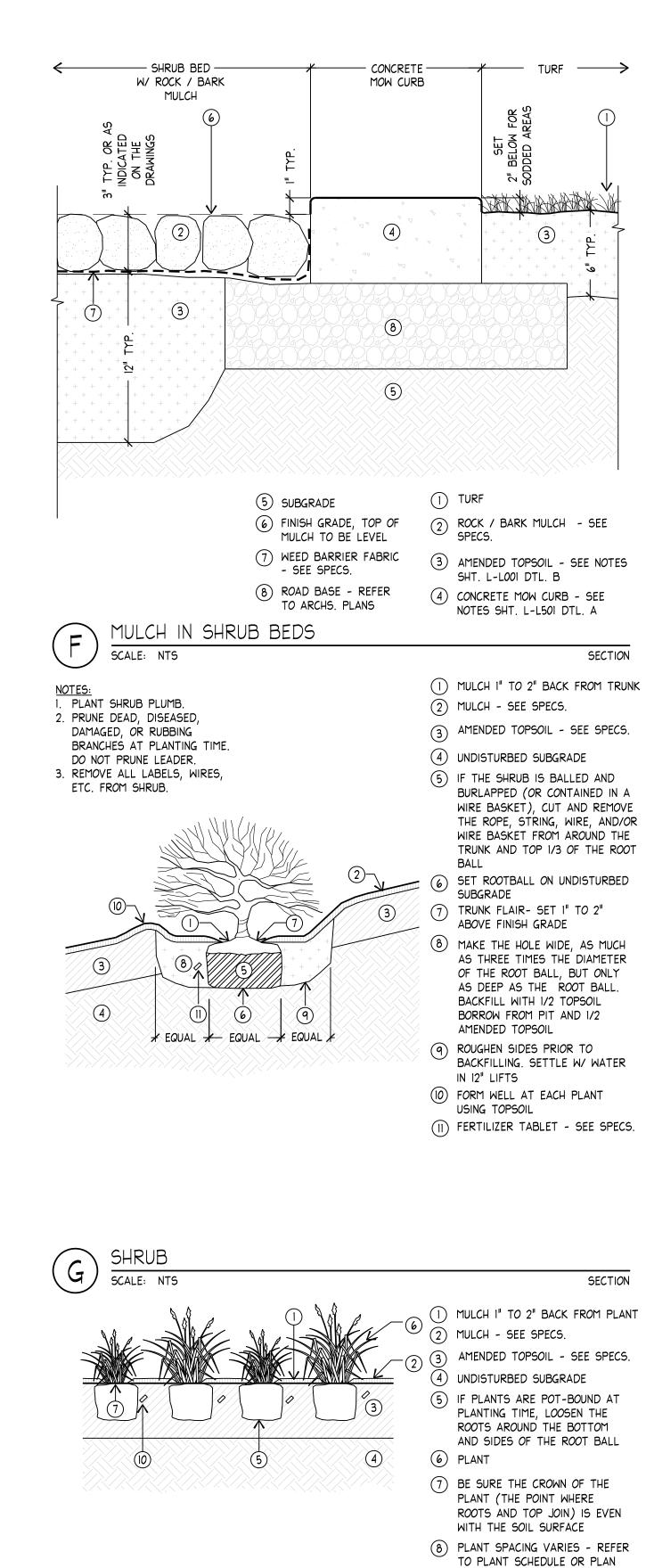
Sheet Title

Details

Sheet Number

C-400





<u>SECTION</u>

<u>PLAN</u>

PERENNIAL / GROUNDCOVER

SCALE: NTS

(9) CENTER OF PLANT

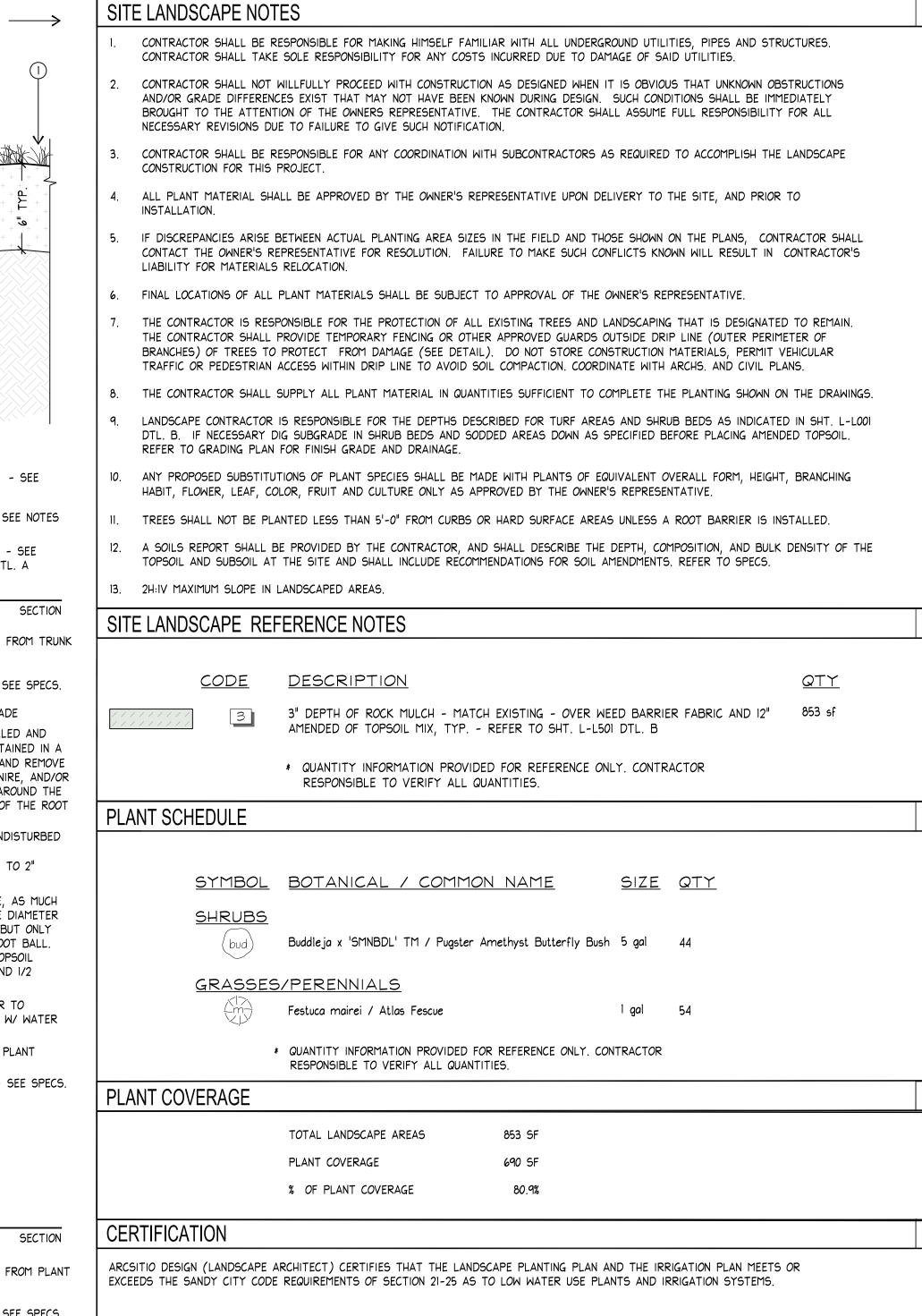
(10) FERTILIZER TABLET - SEE SPECS.

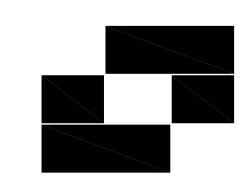
I. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. 2. REMOVE ALL LABELS, WIRES,

ETC. FROM PLANT. 3. WATER PLANTS THOROUGHLY

FOLLOWING PLANTING TO SETTLE THE SOIL AROUND THE ROOTS.

SECTION/PLAN





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Consultant

Are Sitio Design, Inc Landscape Architecture & Architectural Site Design 1058 East 2100 South Salt Lake City, Utah 84106 office 801 . 487 . 4923 www.arcsitiodesign.com

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**SEG - PHASE 3** 

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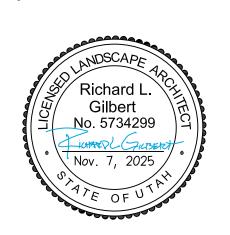
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SITE PLAN REVIEW

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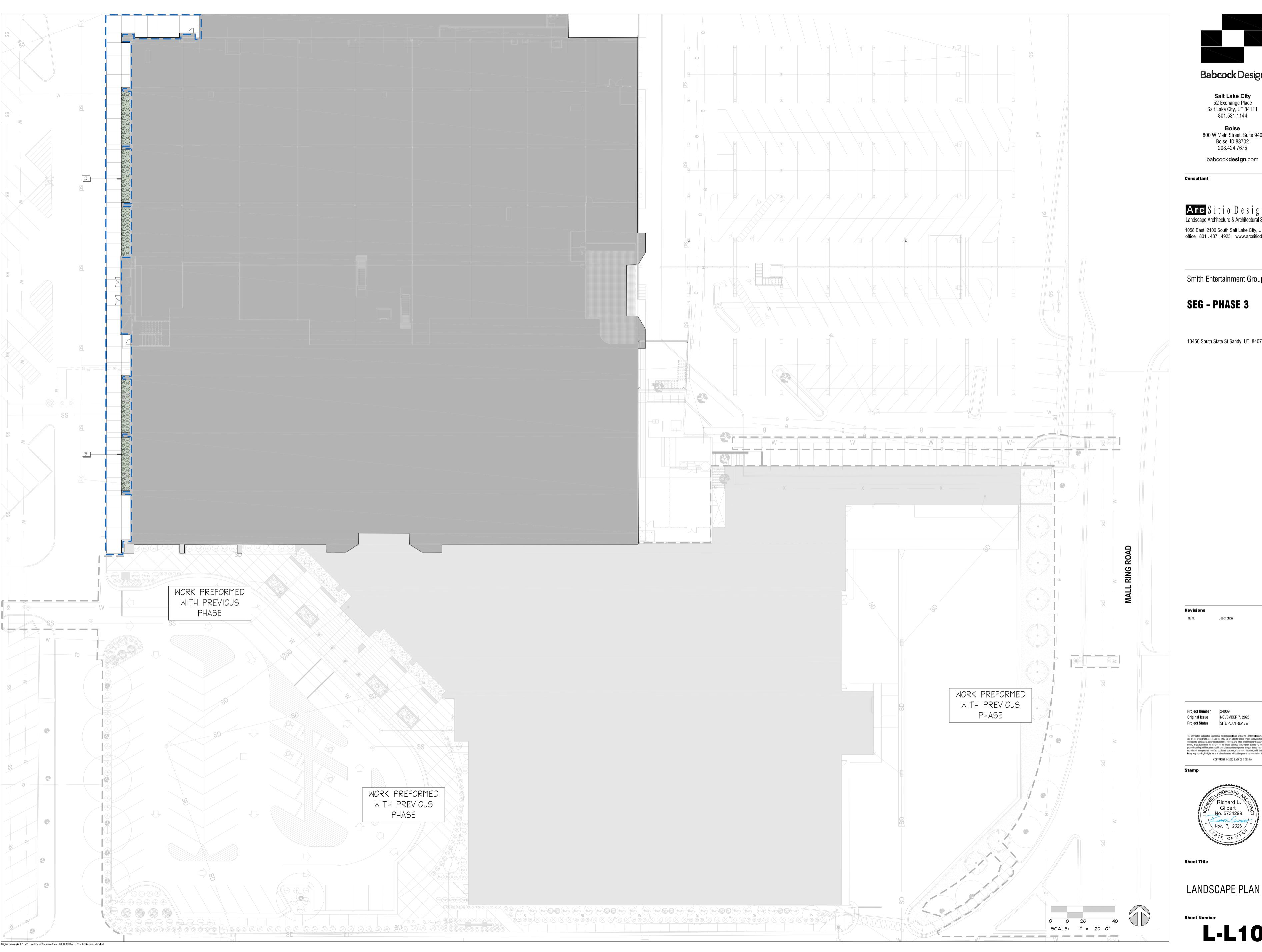
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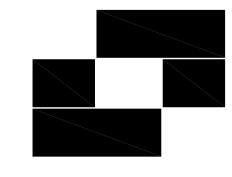


LANDSCAPE NOTES AND SCHEDULE

L-L001

Original drawing is 30" x 42" Autodesk Docs://24054 - Utah HPC/UTAH HPC - Architectural Model.nvt





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SEG - PHASE 3

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LANDSCAPE PLAN

WATERING SCHEDULE WATERING SCHEDULE - ESTABLISHMENT (90-day max. VALVE PLANT IRRIGATION NUMBER TYPE RATE RATE 5 | Shrubs/Perennials | Area for Dripline | 9.42 | 0.41 in/h | 21 min. | 6 (max) | 60/30 min. | IRRIGATION SYSTEM WATERING WINDOW PROGRAM IRRIGATION SYSTEM CONTROLLER TO ONLY OPERATE BETWEEN 6PM AND 10AM TO REDUCE WATER LOSS FROM WIND AND EVAPORATION. WATERING SCHEDULE SANDY CITY IRRIGATION NOTES: I. LANDSCAPE WATER METER: A WATER METER AND BACKFLOW PREVENTION ASSEMBLY THAT ARE IN COMPLIANCE WITH STATE CODE SHALL BE INSTALLED FOR LANDSCAPE IRRIGATION SYSTEMS, AND THE LANDSCAPE WATER METER AND BACKFLOW PREVENTION ASSEMBLY SHALL BE SEPARATE FROM THE WATER METER AND BACKFLOW PREVENTION ASSEMBLY INSTALLED FOR INDOOR USES. THE SIZE OF THE METER SHALL BE DETERMINED BASED ON IRRIGATION DEMAND. 2. PRESSURE REGULATION: A PRESSURE REGULATING VALVE SHALL BE INSTALLED AND MAINTAINED BY THE CONSUMER IF THE STATIC SERVICE PRESSURE EXCEEDS 80 POUNDS PER SQUARE INCH (PSI). THE PRESSURE-REGULATING VALVE SHALL BE LOCATED BETWEEN THE LANDSCAPE WATER METER AND THE FIRST POINT OF WATER USE, OR FIRST POINT OF DIVISION IN THE PIPE, AND SHALL BE SET AT THE MANUFACTURER'S RECOMMENDED PRESSURE FOR SPRINKLERS. 3. AUTOMATIC CONTROLLER: ALL IRRIGATION SYSTEMS SHALL INCLUDE AN ELECTRIC AUTOMATIC CONTROLLER WITH MULTIPLE PROGRAM AND MULTIPLE REPEAT CYCLE CAPABILITIES AND A FLEXIBLE CALENDAR PROGRAM. ALL CONTROLLERS SHALL BE EQUIPPED WITH AN AUTOMATIC RAIN SHUT-OFF DEVICE. 4. ON SLOPES EXCEEDING 30%, THE IRRIGATION SYSTEM SHALL CONSIST OF DRIP EMITTERS, BUBBLERS, OR SPRINKLERS WITH A MAXIMUM PRECIPITATION RATE OF 0.85 INCHES PER HOUR AND ADJUSTED SPRINKLER CYCLE TO ELIMINATE RUNOFF. 5. EACH VALVE SHALL IRRIGATE A LANDSCAPE WITH SIMILAR SITE, SLOPE AND SOIL CONDITIONS AND PLANT MATERIALS WITH SIMILAR WATERING NEEDS. TURF AND NON-TURF AREAS SHALL BE IRRIGATED ON SEPARATE VALVES.

DUE TO ELEVATION DIFFERENCES.

INFILTRATION RATES.

SEPARATE VALVES.

AND LANDSCAPE.

WATERING SCHEDULE

CERTIFICATION

Original drawing is 30" x 42" Autodesk Docs://24054 - Utah HPC/UTAH HPC - Architectural Model.rvt

AREAS, WALKS, ROADWAYS OR STRUCTURES.

18. NO IRRIGATION OF WALKWAYS OR DRIVE.

SPRINKLER HEADS SHALL BE USED WHEREVER POSSIBLE.

217,735 Landscape Water Allowance = 23.0" X 1.0 X 0.62 X 15,269 SF

Landscape Water Allowance = ET X 1.0 X 0.62 X A

0.62 = Conversion factor

CITY CODE REQUIREMENTS OF SECTION 21-25 AS TO LOW WATER USE PLANTS AND IRRIGATION SYSTEMS.

D | IRRIGATION NOTES MATERIALS REQUIRED. FLOW | PRECIP. WATER CYCLE/ SOAK RUN

TIME

TIME

6. DRIP EMITTERS OR A BUBBLER SHALL BE PROVIDED FOR EACH TREE WHERE PRACTICABLE, BUBBLERS SHALL NOT EXCEED 1.5 GALLONS

PUBLIC UTILITIES DEPARTMENT DUE TO THE LIMITED NUMBER OF TREES ON THE PROJECT SITE.

TO REDUCE WATER LOSS FROM WIND AND EVAPORATION. THIS WOULD EXCLUDE DRIP OR BUBBLER ZONES.

PROVISION IS REQUIRED BEFORE THE CITY WILL RELEASE THE BOND FOR THIS PROJECT.

14. A SEPARATE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED FOR THE IRRIGATION SYSTEM.

7. SPRINKLERS SHALL HAVE MATCHED PRECIPITATION RATE WITH EACH CONTROL VALVE CIRCUIT.

PER MINUTE PER DEVICE. BUBBLERS FOR TREES SHALL BE ON SEPARATE VALVE UNLESS SPECIFICALLY EXEMPTED BY THE SANDY CITY

8. CHECK VALVES SHALL BE REQUIRED WHERE ELEVATION DIFFERENCES WILL CAUSE LOW-HEAD DRAINAGE. PRESSURE COMPENSATING VALVES AND SPRINKLERS SHALL BE REQUIRED WHERE A SIGNIFICANT VARIATION IN WATER PRESSURE WILL OCCUR WITHIN THE IRRIGATION SYSTEM

9. DRIP IRRIGATION LINES SHALL BE PLACED UNDERGROUND OR OTHERWISE PERMANENTLY COVERED, EXCEPT FOR DRIP EMITTERS AND WHERE APPROVED AS A TEMPORARY INSTALLATION. FILTERS AND END FLUSH VALVES SHALL BE PROVIDED AS NECESSARY.

10. IRRIGATION ZONES WITH OVERHEAD SPRAY OR STREAM SPRINKLERS SHALL BE DESIGNED TO OPERATE BETWEEN 6:00 P.M. AND 10:00 A.M.

II. PROGRAM VALVES FOR MULTIPLE REPEAT CYCLES WHERE NECESSARY TO REDUCE RUNOFF, PARTICULARLY SLOPES AND SOILS WITH SLOW

12. FOLLOWING CONSTRUCTION AND PRIOR TO RELEASE OF THE SECONDARY BOND GUARANTEE POSTED FOR THE PROJECT, A WATER USE

EFFICIENCY REVIEW WILL BE CONDUCTED BY A LANDSCAPE IRRIGATION AUDITOR. THE AUDITOR SHALL BE INDEPENDENT OF THE CONTRACTOR, DESIGN FIRM, AND OWNER/DEVELOPER OF THE PROJECT. THE WATER PERFORMANCE AUDIT WILL VERIFY THAT THE

IRRIGATION SYSTEM COMPLIES WITH THE MINIMUM STANDARDS REQUIRED BY SANDY CITY ORDINANCE. THE MINIMUM EFFICIENCY REQUIRED FOR THE IRRIGATION SYSTEM IS 60% FOR DISTRIBUTION EFFICIENCY FOR ALL FIXED SPRAY SYSTEMS AND 70% DISTRIBUTION EFFICIENCY FOR ALL ROTOR SYSTEMS. THE AUDITOR SHALL FURNISH A CERTIFICATE TO THE CITY, DESIGNER, INSTALLER AND COMPLIANCE WITH THIS

13. PLANTS WHICH REQUIRE DIFFERENT AMOUNTS OF WATER SHALL BE IRRIGATED BY SEPARATE VALVES. IF ONE VALVE IS USED FOR A GIVEN

15. A RAIN SENSING OVERRIDING DEVICE SHALL BE UTILIZED SO THAT THE IRRIGATION SYSTEM WILL AUTOMATICALLY TURN OFF IN THE EVENT

16. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO PREVENT OVERSPRAY AND WATER RUN-OFF ONTO ADJACENT-PROPERTY, NON-IRRIGATED

19. WATER AUDIT IS REQUIRED PRIOR TO BOND BEING RELEASED. SUGGEST THE AUDIT BE DONE WITHIN 60 DAYS OF INSTALLING IRRIGATION

20. AFTER COMPLETION OF ALL PLANTING, ALL IRRIGATED NON-TURF AREAS SHALL BE COVERED WITH A MINIMUM LAYER OF FOUR (4) INCHES

OF MULCH TO RETAIN WATER, INHIBIT WEED GROWTH AND MODERATE SOIL TEMPERATURE. NON-PORO US MATERIAL SHALL NOT BE PLACED

1.0 = ET adjustment factor, 100% of turf grass ET (growing season adjustment factor)

17. AN AUTOMATIC IRRIGATION SYSTEM USING POP-UP SPRINKLER HEADS SHALL BE REQUIRED FOR ALL NEW LANDSCAPES. LOW FLOW

UNDER THE MULCH. 4-INCH MULCH IN ALL IRRIGATED NON TURF AREAS. IF ROCK MULCH, MINIMUM IS 3-INCH.

A = Total irrigated landscape area in square feet

ET = Reference Evapotranspiration in inches per growing season

ARCSITIO DESIGN (LANDSCAPE ARCHITECT) CERTIFIES THAT THE LANDSCAPE PLANTING PLAN AND THE IRRIGATION PLAN MEETS OR EXCEEDS THE SANDY

AREA. ONLY PLANTERS WITH SIMILAR WATER USE SHALL BE USED IN THAT AREA. LAWN AREAS AND PLANTERS SHALL BE IRRIGATED BY

DAYS/WEEK

IT IS THE INTENT OF THESE IRRIGATION PLANS TO PROVIDE THE CONTRACTOR WITH CONSTRUCTION INFORMATION THAT WILL ENABLE HIM TO PROVIDE AND INSTALL A COMPLETE AND OPERATIONAL IRRIGATION SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, PARTS AND THE CONTRACTOR SHALL VERIFY THE AVAILABLE WATER PRESSURE ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO

THE OWNER'S REPRESENTATIVE. IN THE EVENT THE PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY. CONTRACTOR TO MAINTAIN OPERATING PRESSURE FOR EACH ZONE TO THE LAST HEAD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS,

STRUCTURES, WALKS, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK, HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS AND UNDER PAVING.

DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADING DIFFERENCES MAY NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE

THIS DESIGN IS DIAGRAMMATIC, ALL IRRIGATION EQUIPMENT, PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.

IRRIGATION SYSTEM IS TO BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.

THE CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE. INSTALL ALL SPRINKLER HEADS WITH NOZZLES OF THE APPROPRIATE DEGREE AND RADIUS FOR THE AREA TO BE COVERED. ADJUST ALL NOZZLES TO MINIMIZE SPRAYING ONTO WALKS, BUILDINGS, ETC.

3. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURES SPECS.

9. ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED, SEE DETAILS.

CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.

EXISTING IRRIGATION SYSTEM - OVERALL:

THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD WORKING CONDITION TO ENSURE THAT EXISTING PLANT MATERIAL RECEIVES THE PROPER AMOUNT OF WATER DURING ALL PHASES OF CONSTRUCTION.

THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION.

MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: RE-ROUTING EXISTING IRRIGATION MAINLINES AND LATERAL LINES, RELOCATING EXISTING IRRIGATION VALVES AND CONTROL WIRING. AND RELOCATING EXISTING IRRIGATION HEADS.

THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-WATER EXISTING PLANT MATERIAL AS REQUIRED IF THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE.

ANY EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING EQUIPMENT LOCATED WHERE THERE WILL BE A GRADE OR SURFACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROPER POSITION IN RELATION TO THE NEW FINISHED GRADE, AT NO ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHOW IT TO BE RELOCATED.

SITE LANDSCAPE REFERENCE NOTES <u>DESCRIPTION</u>

<u>IRRIGATION</u> IRRIGATION EQUIPMENT SHOWN OUTSIDE PLANTING AREAS FOR GRAPHIC CLARITY ONLY. EQUIPMENT SHALL BE LOCATED INSIDE SHRUB BEDS & AS APPROVED BY THE LANDSCAPE ARCHITECT. IR-04 COORDINATE LAYOUT OF IRRIGATION DRIPPERLINE / HEADS PRIOR TO PLACEMENT OF PROPOSED PLANT MATERIAL, TYP. APPROXIMATE LOCATION OF EXISTING MAINLINE AND/OR VALVE. REMOVE OR ABANDON IN PLACE. CONTRACTOR TO FIELD VERIFY. MAINTAIN VALVES SERVING PARTS OF THE LANDSCAPE OUTSIDE THE LIMITS OF WORK. CONNECT VALVE TO EXISTING MAINLINE AND EXISTING IRRIGATION CONTROLLER

VALVE SCHEDULE SIZE TYPE <u>GPM PSI PRECIP</u> Rain Bird XCZ-100-PRBR 1" Area for Dripline 3.66 33.3 0.41 in/h

IRRIGATION SCHEDULE MANUFACTURER/MODEL/DESCRIPTION

Drip Control Kit, 1" PESB valve, 1" Basket Filter, and 40psi Pressure Regulator. 0.3-20 gpm. Area to Receive Dripline Netafim TLCV-026-12 Techline Pressure Compensating Landscape Dripline with Check Valve. 0.26 GPH emitters at 12" O.C. Dripline laterals spaced at 12" apart, with emitters offset for triangular pattern. 17mm.

Rain Bird XCZ-100-PRBR

MANUFACTURER/MODEL/DESCRIPTION Rain Bird 33-DLRC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, Double Track Key Lug, and 2-Piece Body.

Class 125 bronze isolation gate valve with wheel handle, Sized equal to pipe size. Isolation valves shall be used at all valve manifolds and isolation points or as indicated on drawings. 

---- PVC Schedule 40 \_Pipe Sleeve: PVC Class 200 SDR 21

Valve Callout # ● ----- Valve Number — Valve Flow --- Valve Size

\_\_\_ \_ \_ \_ \_ \_ Existing Irrigation Mainline - Field Verify - Remove or Abandon in Place Existing Irrigation Lateral Line - Field Verify - Remove or Abandon in Place Existing Valves - Field Verify - Remove and Convey to Owner — — — — — Existing Irrigation Mainline - Field Verify - Protect in Place Existing Irrigation Lateral Line - Field Verify - Protect in Place

Existing Valves - Field Verify - Protect in Place

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**SEG - PHASE 3** 

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SITE PLAN REVIEW

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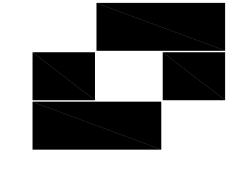
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IRRIGATION NOTES AND SCHEDULE

L-R001





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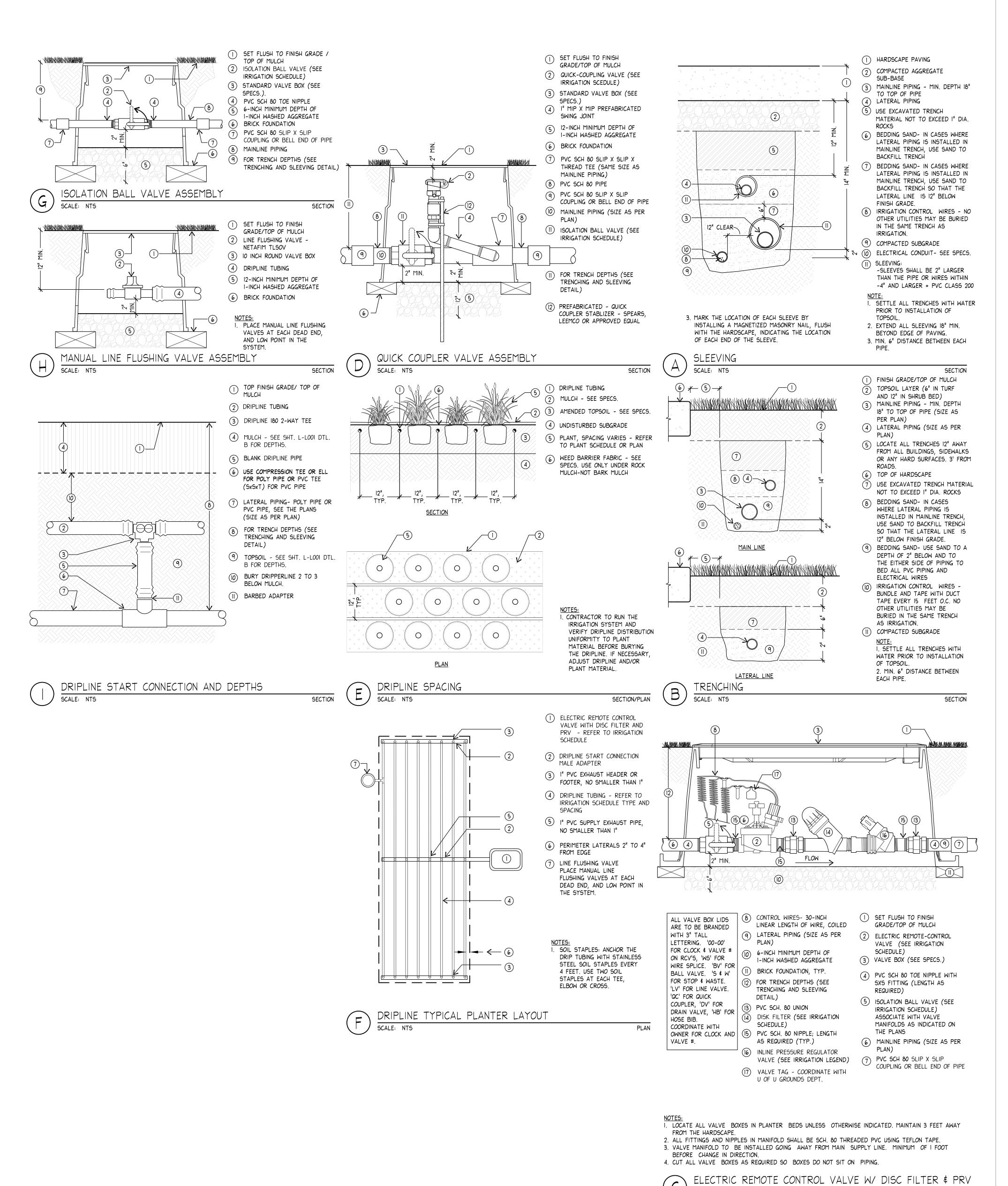
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IRRIGATION PLAN



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SCALE: NTS

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IRRIGATION DETAILS



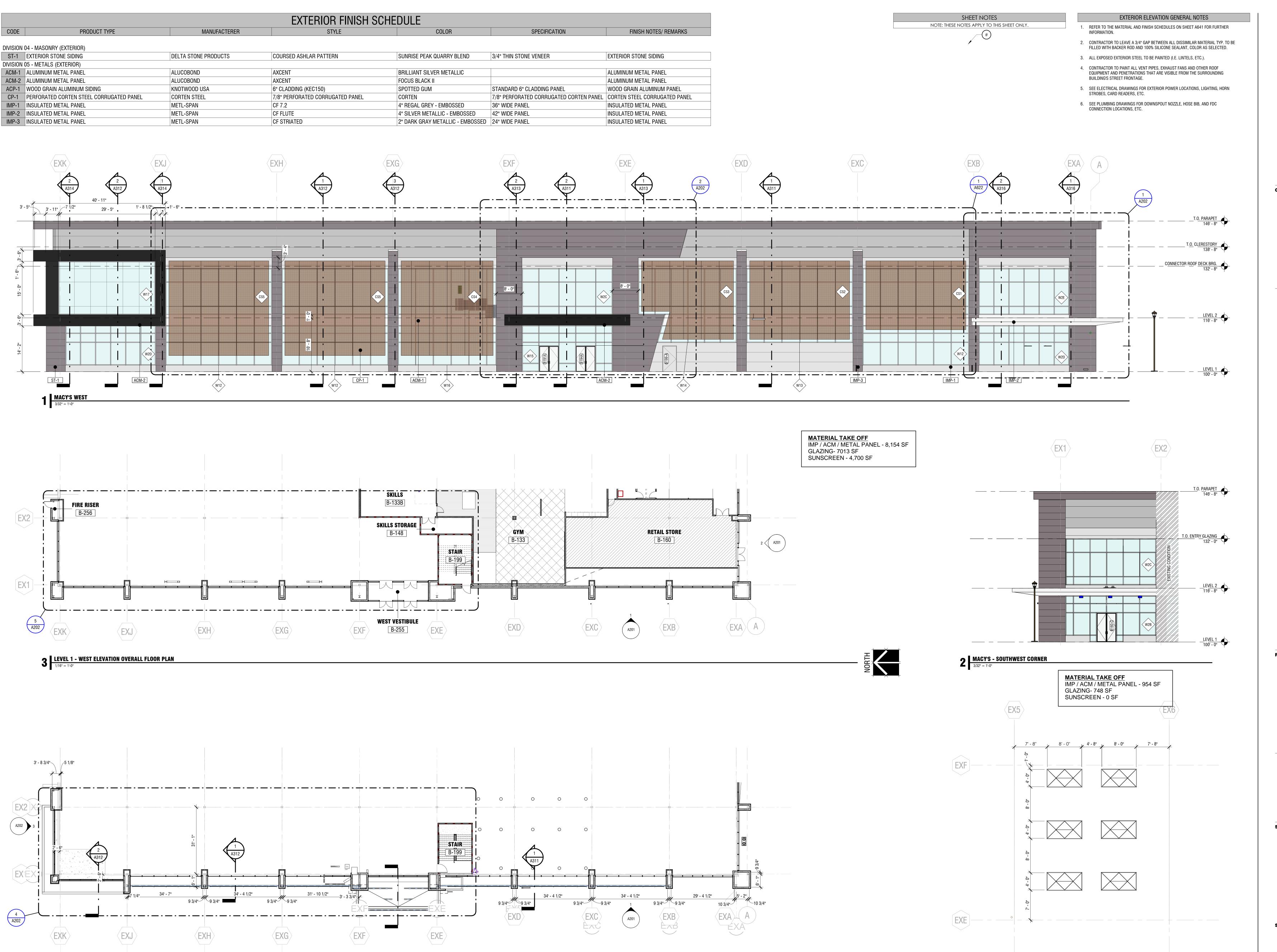
SOUTHEAST PERSPECTIVE NOT TO SCALE





NORTHEAST PERSPECTIVE NOT TO SCALE

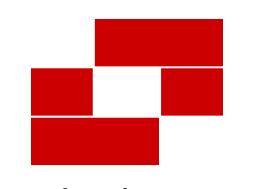




EXH

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EXG



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**UTAH HPC PHASE 3** 

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13 ADDENDUM #4

12/12/24

03/13/25

October 27, 2025

5 T.I. CONSTRUCTION DOCUMENTS

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6 ENLARGED PARTIAL ROOF PLAN AT SKYLIGHTS

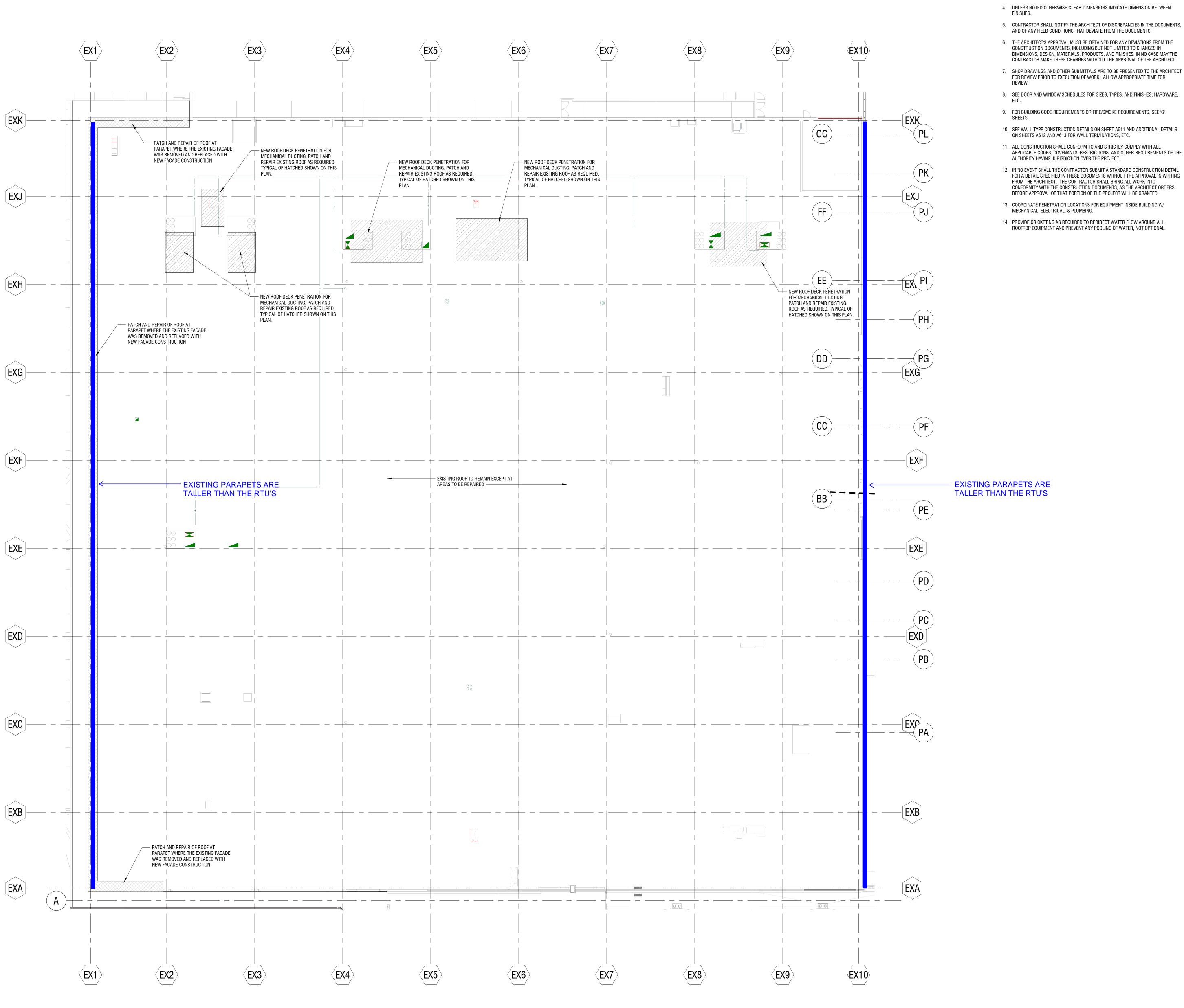
1/8" = 1'-0"



**EXTERIOR ELEVATIONS AND** ENLARGED PLANS

**A201** 





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## ROOF PLAN GENERAL NOTES

- 1. DRAWINGS & SPECIFICATIONS ARE COMPLIMENTARY COMPONENTS OF THE CONTRACT DOCUMENTS, REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR THE COMPLETE SCOPE OF WORK. NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION IF
- INCONSISTENCIES, CONTRADICTIONS OR OMISSIONS ARE DISCOVERED. 2. DO NOT SCALE DRAWINGS, IF DIMENSIONAL INFORMATION IS REQUIRED & NOT FOUND, NOTIFY ARCHITECT IMMEDIATELY FOR CLARIFICATION BEFORE PROCEEDING
- 3. ALL DIMENSIONS ARE TO COLUMN CENTERLINES, TO GRIDLINES OR TO FACE OF FRAMING UNLESS NOTED OTHERWISE.

WITH CONSTRUCTION.

- 4. UNLESS NOTED OTHERWISE CLEAR DIMENSIONS INDICATE DIMENSION BETWEEN
- 5. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF DISCREPANCIES IN THE DOCUMENTS, AND OF ANY FIELD CONDITIONS THAT DEVIATE FROM THE DOCUMENTS.
- CONTRACTOR MAKE THESE CHANGES WITHOUT THE APPROVAL OF THE ARCHITECT.
- FOR REVIEW PRIOR TO EXECUTION OF WORK. ALLOW APPROPRIATE TIME FOR
- 9. FOR BUILDING CODE REQUIREMENTS OR FIRE/SMOKE REQUIREMENTS, SEE 'G'
- 10. SEE WALL TYPE CONSTRUCTION DETAILS ON SHEET A611 AND ADDITIONAL DETAILS ON SHEETS A612 AND A613 FOR WALL TERMINATIONS, ETC.
- APPLICABLE CODES, COVENANTS, RESTRICTIONS, AND OTHER REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION OVER THE PROJECT.
- FOR A DETAIL SPECIFIED IN THESE DOCUMENTS WITHOUT THE APPROVAL IN WRITING FROM THE ARCHITECT. THE CONTRACTOR SHALL BRING ALL WORK INTO CONFORMITY WITH THE CONSTRUCTION DOCUMENTS, AS THE ARCHITECT ORDERS, BEFORE APPROVAL OF THAT PORTION OF THE PROJECT WILL BE GRANTED.
- 13. COORDINATE PENETRATION LOCATIONS FOR EQUIPMENT INSIDE BUILDING W/
- 14. PROVIDE CRICKETING AS REQUIRED TO REDIRECT WATER FLOW AROUND ALL ROOFTOP EQUIPMENT AND PREVENT ANY POOLING OF WATER, NOT OPTIONAL.

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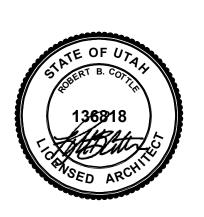
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## **UTAH HPC PHASE 3**

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ROOF PLAN - PHASE 3