2024 SOUTH JORDAN MIDDLE SCHOOL PARKING LOT ADDITION

10245 SOUTH 2700 WEST SOUTH JORDAN, UTAH

JSD Project #24KP14

7905 S. REDWOOD ROAD WEST JORDAN, UTAH 84088

723 W. PACIFIC AVENUE, SUITE 101 SALT LAKE CITY, UTAH 84104 TEL: (801) 355-5959

ARCSITIO DESIGN, INC.

1058 EAST 2100 SOUTH SALT LAKE CITY, UTAH 84106 (801) 487-4923

ENSIGN ENGINEERING **CIVIL ENGINEER**

45 SEGO LILY DRIVE, #500 SANDY, UTAH 84070 (801) 255-0529

FOR THE JORDAN SCHOOL DISTRICT

CONSTRUCTION DOCUMENTS COORDINATED BY NAYLOR WENTWORTH LUND ARCHITECTS

LANDSCAPE DESIGN

BNA CONSULTING ENGINEERS ELECTRICAL ENGINEER

> 4225 LAKE PARK BLVD. SUITE 275 WEST VALLEY CITY, UTAH 84120 (801) 532-2196

INDEX TO DRAWINGS

<u>GENERAL</u>

G101	TITLE SHEET. INDEX TO DRAWINGS
<u>CIVI</u>	
C-001	GENERAL CIVIL NOTES
C-100	DEMOLITION PLAN
C-200	OVERALL SITE PLAN
C-201	SITE PLAN - NORTH
C-202	SITE PLAN - SOUTH
C-300	OVERALL GRADING PLAN
C-301	GRADING PLAN - NORTH
C-302	GRADING PLAN - SOUTH
C-400	OVERALL UTILITY PLAN
C-401	UTILITY PLAN - NORTH
C-402	UTILITY PLAN - SOUTH
C-500	EROSION CONTROL PLAN
C-600	CIVIL DETAILS

ARCHITECTURAL

SD101 MONUMENT SIGN

LANDSCAPE

L-L100	OVERALL LANDSCAPE PLAN
L-L101	LANDSCAPE PLAN - NORTH
L-L102	LANDSCAPE PLAN - SOUTH
L-L501	LANDSCAPE DETAILS
L-R100	OVERALL IRRIGATION PLAN
L-R101	IRRIGATION PLAN - NORTH
L-R102	IRRIGATION PLAN - SOUTH
L-R501	IRRIGATION DETAILS
L-R502	IRRIGATION DETAILS

ELECTRICAL

E001	SYMBOLS, SCHEDULES AND NOTES
E002	ELECTRICAL SPECIFICATIONS AND DIAGRAMS
E100	ELECTRICAL DEMOLITION SITE PLAN
E101	ELECTRICAL SITE PLAN



Naylor Nentworth Lund Architects



723 West Pacific Ave. Suite 101 Salt Lake City, Utah 84104 Tel 801 355-5959

Jordan School District 7905 South Redwood Road West Jordan, Utah 8408

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**



January 22, 2024

Sheet Title TITLE SHEET **INDEX TO DRAWINGS**

Sheet Number

G1.1

- 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 WORKING IN THE PUBLIC WAY.
- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS. WET DOWN DRY MATERIALS AND RUBBISH TO PREVENT BLOWING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF OR DAMAGE TO EXISTING UTILITIES.
- 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. CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED PERMITS FOR CONSTRUCTION, INCLUDING RIGHT-OF-WAY ENCROACHMENT PERMIT.
- 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 HAS NOT BEEN GIVEN.
- 13. NO CHANGE IN DESIGN LOCATION OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE PROJECT ENGINEER.
- 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 CONSTRUCTION DETAILS.
- 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
- 17. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO

ADDITIONAL COST OR CLAIM TO THE OWNER OR ENGINEER.

- 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 GUIDELINES.
- 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 FIRST QUALITY ARE TO BE USED.
- 28. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM DAMAGE.
- 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.
- 32. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR MORE AS WELL AS A STORM WATER POLLUTION PREVENTION PLAN.

UTILITY NOTES

- ENGINEER.
- COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
- FXPFNSF
- EXCAVATIONS IS DETERMINED BY THE GEOTECHNICAL RECOMMENDATIONS.
- PROJECT LIMITS.
- SATISFACTION OF THE OWNER OF SAID FACILITIES.
- STANDARDS AND SPECIFICATIONS.
- AND GROUTED OR SEALED.
- CONSTRUCTION.
- CLEANED CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
- ACCESS.
- 14. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DEWATERED CONDITIONS.
- 16. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET, EDGE TO EDGE, FROM THE SEPARATION STANDARDS.
- 17. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
- 19. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.

TRAFFIC CONTROL AND SAFETY NOTES

- (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.
- MAINTAINED FOR ALL PROPERTIES ADJACENT TO THE WORK.
- APPROVAL
- SATISFACTION OF THE GOVERNING AGENCY.

- TO INSURE THE SAFETY OF WORKERS AND VISITORS.
- FOR TEMPORARY RELOCATION OF STOP.

DEMOLITION NOTES

- WITHIN THE PROJECT LIMITS BEFORE BEGINNING DEMOLITION/CONSTRUCTION.
- DISCOVERED.

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

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.

3. 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

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

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

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

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 CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE TO THE

9. ALL WATER LINE AND SEWER LINE INSTALLATION AND TESTING TO BE IN ACCORDANCE WITH LOCAL GOVERNING AGENCY'S

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

11. CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW OR EXISTING PIPE DURING

12. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A

13. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW

TRENCH WALL SHALL BE SO BRACED THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE

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.

WATER LINES. IF A 10 FOOT SEPARATION CAN NOT BE MAINTAINED, CONSTRUCT PER GOVERNING AGENCY'S MINIMUM

18. ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET

1. TRAFFIC CONTROL AND STRIPING TO CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

2. BARRICADING AND DETOURING SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE CURRENT M.U.T.C.D.

4. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE FOR SMOOTH TRAFFIC FLOW AND SAFETY. ACCESS SHALL BE

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

6. ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF THE WORK TO THE

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 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

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

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

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.
- 4. ALL DEBRIS PILES AND BERMS SHOULD BE REMOVED AND HAULED AWAY FROM SITE OR USED AS GENERAL FILL IN LANDSCAPED AREAS.
- 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
- 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 THE CONTRACTOR.
- 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 WATER FROM GOVERNING AGENCY.
- 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.

ABBREVIATIONS

APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AR	ACCESSIBLE ROUTE
ASIM	AMERICAN SUCIETY FOR TESTING AND MATERIALS
AVVVA BOS	AIVIERIUAIN WATER WURKS ASSUCIATION BOTTOM OF STEP
BVC	BEGIN VERTICAL CURVE
C	CURVE
ĊB	CATCH BASIN
CF	CURB FACE OR CUBIC FEET
CL	CENTER LINE
CO	CLEAN OUT
COMM	COMMUNICATION
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
ELEC	ELECTRICAL
ELEV	ELEVATION
EOA	EDGE OF ASPHALT
EVC	END OF VERTICAL CURVE
EW	
EAIS I FF	
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE OR FLANGE
GB	GRADE BREAK
GF	GARAGE FLOOR
GV	
HC LID	
IRR IRR	
K	RATE OF VERTICAL CURVATURF
LD	LAND DRAIN
LF	LINEAR FEET
LP	LOW POINT
MEX	MATCH EXISTING
MH	
IVIJ NG	
NIC	NOT IN CONTRACT
NO	NUMBER
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OHP	OVERHEAD POWER
PC	POINT OF CURVATURE OR PRESSURE CLASS
PCC	
PI PIV	POINT OF INTERSECTION
PI	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PRO	PROPOSED
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	
PVI	
RD	ROOF DRAIN
ROW	RIGHT OF WAY
S	SLOPE
SAN SWR	SANITARY SEWER
SD	STORM DRAIN
SEC	SECONDARY
SS	SANITARY SEWER
51A SW/	
TBC	
TOG	TOP OF GRATE
TOA	TOP OF ASPHALT
TOC	TOP OF CONCRETE
TOF	TOP OF FOUNDATION
TOW	TOP OF WALL
TOS	I OP OF STEP
IYP	
V V I V	

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

WATER LINE

	SECTION CORNER		EXISTING EDGE OF ASPHALT
	EXISTING MONUMENT		PROPOSED EDGE OF ASPHALT
	PROPOSED MONUMENT	, 	EXISTING STRIPING
	EXISTING REBAR AND CAP		PROPOSED STRIPING
	SET ENSIGN REBAR AND CAP	x	EXISTING FENCE
	EXISTING WATER METER	X	PROPOSED FENCE
	PROPOSED WATER METER		EXISTING FLOW LINE
	EXISTING WATER MANHOLE		PROPOSED FLOW LINE
	PROPOSED WATER MANHOLE		GRADE BREAK
	EXISTING WATER BOX	— — sd — —	EXISTING STORM DRAIN LINE
	EXISTING WATER VALVE	SD	PROPOSED STORM DRAIN LINE
	PROPOSED WATER VALVE		ROOF DRAIN LINE
	EXISTING FIRE HYDRANT		CATCHMENTS
	PROPOSED FIRE HYDRANT	— — HWL — —	HIGHWATER LINE
	PROPOSED FIRE DEPARTMENT CONNECTION	— — ss — —	EXISTING SANITARY SEWER
	EXISTING SECONDARY WATER VALVE	SS	PROPOSED SANITARY SEWER LINE
	PROPOSED SECONDARY WATER VALVE	= ss	PROPOSED SAN. SWR. SERVICE LINE
	EXISTING IRRIGATION BOX	— — Id — —	EXISTING LAND DRAIN LINE
	EXISTING IRRIGATION VALVE	LD	PROPOSED LAND DRAIN LINE
	PROPOSED IRRIGATION VALVE	— _ LD	PROPOSED LAND DRAIN SERVICE LINE
	EXISTING SANITARY SEWER MANHOLE	— — w — —	EXISTING CULINARY WATER LINE
	PROPOSED SANITARY SEWER MANHOLE	— w —	PROPOSED CULINARY WATER LINE
	EXISTING SANITARY CLEAN OUT	ww	PROPOSED CULINARY WATER SERVICE
	EXISTING STORM DRAIN CLEAN OUT BOX	— — sw — —	EXISTING SECONDARY WATER LINE
	PROPOSED STORM DRAIN CLEAN OUT BOX	SW	PROPOSED SECONDARY WATER LINE
	EXISTING STORM DRAIN INLET BOX	SW	PROPOSED SEC. WATER SERVICE LINE
	EXISTING STORM DRAIN CATCH BASIN	— — irr — —	EXISTING IRRIGATION LINE
	PROPOSED STORM DRAIN CATCH BASIN	—— IRR ——	PROPOSED IRRIGATION LINE
	EXISTING STORM DRAIN COMBO BOX	ohp	EXISTING OVERHEAD POWER LINE
	PROPOSED STORM DRAIN COMBO BOX	— — e — —	EXISTING ELECTRICAL LINE
	EXISTING STORM DRAIN CLEAN OUT	— _ g — _	EXISTING GAS LINE
	EXISTING STORM DRAIN CULVERT	— — t — —	EXISTING TELEPHONE LINE
	PROPOSED STORM DRAIN CULVERT	AR	ACCESSIBLE ROUTE
	TEMPORARY SAG INLET PROTECTION		SAW CUT LINE
Céléla	TEMPORARY IN-LINE INLET PROTECTION		STRAW WATTLE
			TEMPORARY BERM
		SF	
		122.11	
		real and a second secon	
	EXISTING CABLE BOX		PROPOSED REVERSE PAN CURB AND (
	EXISTING BOLLARD		TRANSITION TO REVERSE PAN CURB
	PROPOSED BOLLARD		CONCRETE TO BE REMOVED
	EXISTING SIGN		EXISTING CONCRETE
	PROPOSED SIGN		PROPOSED CONCRETE
K C	EXISTING SPOT ELEVATION		BUILDING TO BE REMOVED
3C (X	PROPOSED SPOT ELEVATION		EXISTING BUILDING
	EXISTING FLOW DIRECTION		PROPOSED BUILDING
	EXISTING TREE		

LEGEND

W

 \bowtie

Ø

SWV SWV

E

E.IR.I

G

 \bowtie

0

 \implies

ww	PROPOSED CULINARY WATER SERVICE LINE
— — sw — —	EXISTING SECONDARY WATER LINE
SW	PROPOSED SECONDARY WATER LINE
— — SW — — —	PROPOSED SEC. WATER SERVICE LINE
— — irr — —	EXISTING IRRIGATION LINE
—— IRR ——	PROPOSED IRRIGATION LINE
ohp	EXISTING OVERHEAD POWER LINE
— — e — —	EXISTING ELECTRICAL LINE
— _ g — _	EXISTING GAS LINE
— — t — —	EXISTING TELEPHONE LINE
AR	ACCESSIBLE ROUTE
	SAW CUT LINE
-0	STRAW WATTLE
$\sim \sim \sim$	TEMPORARY BERM
SF	TEMPORARY SILT FENCE
LOD	LIMITS OF DISTURBANCE
======	EXISTING WALL
	PROPOSED WALL
	EXISTING CONTOURS
\sim	PROPOSED CONTOURS
	BUILDABLE AREA WITHIN SETBACKS
77773	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

BRENT ALLE MORGAN

01/22/24

723 West Pacific Ave., Suite 101 Salt Lake City, Utah 84104 Tel 801 355 – 5959



Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Educatior

South Jordan Middle Schoo Parking Lot Addition 10245 South 2700 Wes South Jordan, Utah

Project Phase **Bid Document**



136.020

Project Issue Date January 22, 2024

Sheet Title General Notes

Sheet Number



DENSE VEGETATION

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



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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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.
- 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.
- 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.

SCOPE OF WORK:

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

- PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, SIGNS, ETC. (TYPICAL UNLESS OTHERWISE NOTED).
- SAWCUT EXISTING ASPHALT PAVEMENT TO PROVIDE A CLEAN EDGE FOR THE TRANSITION BETWEEN EXISTING AND PROPOSED ASPHALT PAVEMENT.
- (3) REMOVE AND PROPERLY DISPOSE OF EXISTING ASPHALT PAVEMENT.
- (4) SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE CURB AND GUTTER. (5) SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE SIDEWALK TO NEAREST JOINT.
- (6) REMOVE AND PROPERLY DISPOSE OF EXISTING MOW CURB.
- (7) REMOVE AND PROPERLY DISPOSE OF EXISTING STORM DRAIN CATCH BASIN.
- (8) REMOVE AND PROPERLY DISPOSE OF EXISTING STORM DRAIN PIPE.
- (9) REMOVE AND PROPERLY DISPOSE OF EXISTING WATER LINE.
- (10) REMOVE AND PROPERLY DISPOSE OF EXISTING FIRE HYDRANT AND VALVE.
- REMOVE EXISTING LANDSCAPING IN THIS AREA. RETROFIT AND REPAIR IRRIGATION SYSTEM AS NEEDED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- (12) REMOVE AND PROPERLY DISPOSE OF EXISTING FENCE.
- (13) REMOVE AND PROPERLY DISPOSE OF EXISTING SIGN.
- REMOVE AND PROPERLY DISPOSE OF EXISTING LIGHT POLE AND BASE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- REMOVE AND PROPERLY DISPOSE OF EXISTING STRUCTURES, CONCRETE SLABS, STAIRS, ETC., INCLUDING ALL ELECTRICAL APPURTENANCES, IN THIS AREA WHETHER OR NOT IDENTIFIED ON PLANS. CONTRACTOR TO FILL IN ALL HOLES CREATED DURING DEMOLITION WITH STRUCTURAL FILL TO PROPER SUBGRADE
- (16) REMOVE AND PROPERLY DISPOSE OF EXISTING TREE.
- (17) REMOVE AND PROPERLY DISPOSE OF EXISTING MONUMENT SIGN.
- (18) REMOVE AND PROPERLY DISPOSE OF BASEBALL BACKSTOP.
- (19) REMOVE AND PROPERLY DISPOSE OF EXISTING TABLETOP.
- (20) REMOVE AND PROPERLY DISPOSE OF EXISTING DRIVE APPROACH.
- (21) REMOVE AND PROPERLY DISPOSE OF EXISTING IRRIGATION BOX.
- (22) REMOVE AND PROPERLY DISPOSE OF EXISTING SHRUBS AND OTHER VEGETATION.











Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan **School District** Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**



136.020

Project Issue Date January 22, 2024

Sheet Title **Demolition Plan**

Sheet Number





(FOUND BRASS CAP)

ELEV = 4552.51'





CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.



STREET WEST 2700

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 ARCHITECTURAL PLANS FOR CONCRETE SCORE PATTERNS THROUGHOUT SITE.
- 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.
- 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. UNLESS OTHERWISE NOTED ON THESE PLANS.



PARKING DATA TABLE				
DESCRIPTION	STALLS			
STANDARD STALLS	366			
HANDICAP STALLS	10			
TOTAL STALLS	376			





Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Phone: 801.255.0529 WWW.ENSIGNENG.COM

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase Bid Documents



January 22, 2024 Sheet Title

Overall Site Plan

Sheet Number





NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'

Know what's below. Call before you dig.

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY



- 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 ARCHITECTURAL PLANS FOR CONCRETE 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.
- 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. UNLESS OTHERWISE NOTED ON THESE PLANS.

SCOPE OF WORK:

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) HEAVY-DUTY ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 1/C-600.
- (2) LIGHT-DUTY ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 2/C-600.
- (3) ASPHALT PAVEMENT PER SOUTH JORDAN CITY STANDARDS AND SPECIFICATIONS.
- (4) CONCRETE SIDEWALK PER SOUTH JORDAN CITY STANDARDS AND SPECIFICATIONS.
- (5) 4" THICK CONCRETE SIDEWALK PER APWA STANDARD PLAN NO. 231.
- (6) 30" TYPE "A" CURB AND GUTTER PER SOUTH JORDAN CITY STANDARD DETAIL DT-01.
- (7) 30" TYPE "A" CURB AND GUTTER PER APWA STANDARD PLAN NO. 205.
- (8) 30" REVERSE PAN CURB AND GUTTER PER DETAIL 4/C-600.
- (9) TRANSITION BETWEEN COLLECTION CURB AND GUTTER AND REVERSE PAN CURB AND GUTTER.
- 6" THICK CONCRETE SIDEWALK RAMP PER APWA STANDARD PLAN NO. 231. SEE GRADING PLAN FOR ELEVATION INFORMATION.
- PEDESTRIAN RAMP: 6" THICK CONCRETE WITH 6" UNTREATED BASE COURSE WITH #4 EPOXY-COATED REBAR @ 24" O.C.E.W. PER DETAIL 3/C-600. SEE GRADING PLAN FOR ELEVATION INFORMATION.
- HANDICAP ACCESS RAMP PER APWA STANDARD PLAN NO. 236 WITH DETECTABLE WARNING SURFACE PER APWA STANDARD PLAN NO. 238.
- (13) OPEN DRIVEWAY APPROACH PER PER SOUTH JORDAN CITY STANDARDS AND SPECIFICATIONS.
- **14** FENCE PER SPECIFICATION SECTION 32 31 19.
- (15) 4" WIDE SOLID YELLOW PAVEMENT MARKING PER M.U.T.C.D. STANDARD PLANS.
- (16) 12" WIDE SOLID WHITE STOP BAR PER M.U.T.C.D. STANDARD PLANS.
- (17) PAINTED ADA SYMBOL AND ASSOCIATED HATCHING PER M.U.T.C.D. STANDARD PLANS.
- (18) "VAN ACCESSIBLE HANDICAP PARKING" SIGN PER SPECIFICATION SECTION 10 14 00.
- (19) "HANDICAP PARKING" SIGN PER SPECIFICATION SECTION 10 14 00.
- (20) "STOP" SIGN PER SPECIFICATION SECTION 10 14 00.
- (21) "BUS ONLY" SIGN PER SPECIFICATION SECTION 10 14 00.
- (22) PAINTED LANE-USE ARROWS AND LETTERING PER M.U.T.C.D. STANDARD PLANS.
- (23) MONUMENT SIGN PER ARCHITECTURAL PLANS.
- (24) WHITE "NO PARKING" HATCHING PER M.U.T.C.D. STANDARD PLANS.
- (25) YELLOW "NO PARKING" HATCHING PER M.U.T.C.D. STANDARD PLANS.
- (26) 24" WIDE CONCRETE MOW CURB PER DETAIL 8/C-600.
- (27) CONCRETE WHEEL STOP PER DETAIL 7/C-600.
- (28) 4' WIDE CONCRETE WATERWAY PER APWA STANDARD PLAN NO. 211.
- (29) 4" WIDE SOLID WHITE PAVEMENT MARKING PER M.U.T.C.D. STANDARD PLANS.
- (30) LANDSCAPED AREA, SEE LANDSCAPE PLANS.
- (3) 12" WIDE CONCRETE MOW CURB BELOW FENCE. TOP OF CURB TO MATCH ELEVATION OF DRIVE AISLE CURB PER GRADING PLAN.
- (32) RED-PAINTED FIRE LANE CURB PER M.U.T.C.D. STANDARD PLANS.
- 33 YELLOW-PAINTED DROP-OFF CURB PER M.U.T.C.D. STANDARD PLANS.



NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'



CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY









Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan **School District** Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah



NWL Project Number 136.020

Project Phase

Project Issue Date January 22, 2024

Sheet Title Site Plan





SEE DRAWING C-201

EXISTING SOUTH JORDAN MIDDLE SCHOOL

FF=4548.78

(1)

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 ARCHITECTURAL PLANS FOR CONCRETE SCORE PATTERNS THROUGHOUT SITE.
- 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.
- NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

SCOPE OF WORK:

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) HEAVY-DUTY ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 1/C-600.
- (2) LIGHT-DUTY ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 2/C-600.
- (3) ASPHALT PAVEMENT PER SOUTH JORDAN CITY STANDARDS AND SPECIFICATIONS.
- (4) CONCRETE SIDEWALK PER SOUTH JORDAN CITY STANDARDS AND SPECIFICATIONS.
- (5) 4" THICK CONCRETE SIDEWALK PER APWA STANDARD PLAN NO. 231.
- (6) 30" TYPE "A" CURB AND GUTTER PER SOUTH JORDAN CITY STANDARD DETAIL DT-01.
- (7) 30" TYPE "A" CURB AND GUTTER PER APWA STANDARD PLAN NO. 205.
- (8) 30" REVERSE PAN CURB AND GUTTER PER DETAIL 4/C-600.
- (9) TRANSITION BETWEEN COLLECTION CURB AND GUTTER AND REVERSE PAN CURB AND GUTTER.
- 6" THICK CONCRETE SIDEWALK RAMP PER APWA STANDARD PLAN NO. 231. SEE GRADING PLAN FOR ELEVATION INFORMATION.
- PEDESTRIAN RAMP: 6" THICK CONCRETE WITH 6" UNTREATED BASE COURSE WITH #4 EPOXY-COATED REBAR @ 24" O.C.E.W. PER DETAIL 3/C-600. SEE GRADING PLAN FOR ELEVATION INFORMATION.
- HANDICAP ACCESS RAMP PER APWA STANDARD PLAN NO. 236 WITH DETECTABLE WARNING SURFACE PER APWA STANDARD PLAN NO. 238.
- (13) OPEN DRIVEWAY APPROACH PER PER SOUTH JORDAN CITY STANDARDS AND SPECIFICATIONS.
- (14) FENCE PER SPECIFICATION SECTION 32 31 19.
- (15) 4" WIDE SOLID YELLOW PAVEMENT MARKING PER M.U.T.C.D. STANDARD PLANS.
- (16) 12" WIDE SOLID WHITE STOP BAR PER M.U.T.C.D. STANDARD PLANS.
- (17) PAINTED ADA SYMBOL AND ASSOCIATED HATCHING PER M.U.T.C.D. STANDARD PLANS.
- (18) "VAN ACCESSIBLE HANDICAP PARKING" SIGN PER SPECIFICATION SECTION 10 14 00.
- (19) "HANDICAP PARKING" SIGN PER SPECIFICATION SECTION 10 14 00.
- (20) "STOP" SIGN PER SPECIFICATION SECTION 10 14 00.
- (21) "BUS ONLY" SIGN PER SPECIFICATION SECTION 10 14 00.
- (22) PAINTED LANE-USE ARROWS AND LETTERING PER M.U.T.C.D. STANDARD PLANS.
- (23) MONUMENT SIGN PER ARCHITECTURAL PLANS.
- (24) WHITE "NO PARKING" HATCHING PER M.U.T.C.D. STANDARD PLANS.
- (25) YELLOW "NO PARKING" HATCHING PER M.U.T.C.D. STANDARD PLANS.
- 26 24" WIDE CONCRETE MOW CURB PER DETAIL 8/C-600.
- (27) CONCRETE WHEEL STOP PER DETAIL 7/C-600.
- 4' WIDE CONCRETE WATERWAY PER APWA STANDARD PLAN NO. 211.
- (29) 4" WIDE SOLID WHITE PAVEMENT MARKING PER M.U.T.C.D. STANDARD PLANS.
- (30) LANDSCAPED AREA, SEE LANDSCAPE PLANS.
- 12" WIDE CONCRETE MOW CURB BELOW FENCE. TOP OF CURB TO MATCH ELEVATION OF DRIVE AISLE CURB PER GRADING PLAN.
- (32) RED-PAINTED FIRE LANE CURB PER M.U.T.C.D. STANDARD PLANS.
- (33) YELLOW-PAINTED DROP-OFF CURB PER M.U.T.C.D. STANDARD PLANS.







723 West Pacific Ave., Suite 101 Salt Lake City, Utah 84104 Tel 801 355-5959



Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan **School District** Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah



136.020

Project Phase

Project Issue Date January 22, 2024

Sheet Title Site Plan

Sheet Number





NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'



CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY



1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.

- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- 3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
- 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
- 5. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- 6. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.



- 7. 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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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.
- THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
- 10. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.







723 West Pacific Ave., Suite 101 Salt Lake City, Utah 84104 Tel 801 355-5959



Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**



136.020

Project Issue Date January 22, 2024

Sheet Title Overall Grading Plan

Sheet Number





NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'

811. Know what's below. Call before you dig.

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY



- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- 3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
- 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
- 5. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- 6. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
- 7. 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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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.
- 8. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 9. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
- 10. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.









Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase Bid Documents



Sheet Number





NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'

Know what's below. Call before you dig.

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.



SEE DRAWING C-301

GENERAL NOTES

1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.

- ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
- 4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
- LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- 6. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.

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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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.

- 8. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 9. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
- 10. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.







723 West Pacific Ave., Suite 101 Salt Lake City, Utah 84104 Tel 801 355-5959



Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**



January 22, 2024 Sheet Title

Grading Plan

Sheet Number







BENCHMARK

NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP) ELEV = 4552.51'





MINIMUM 1% SLOPE.

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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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 SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
- 4. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 5. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS
- AND SPECIFICATIONS. 8. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS.
- NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED. 9. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE
- 10. THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
- 11. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
- 12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 13. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.







Suite 101 Salt Lake City, Utah 84104 Tel 801 355-5959



Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

The Jordan School District Board of Education

Project For

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**



January 22, 2024 Sheet Title

Overall Utility Plan

Sheet Number





NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'

EXIST SDCB #EX 2

TOG=4546.70 FL(IN-NW)=4541.35

------ W. ------

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY Know what's below. Call before you dig.





- 1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 2. 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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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 SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
- 4. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 5. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 6. PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION.
- 7. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 8. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
- 9. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE MINIMUM 1% SLOPE.
- 10. THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
- 11. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
- 12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 13. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

SCOPE OF WORK:

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 FIRE HYDRANT ASSEMBLY COMPLETE PER SOUTH JORDAN CITY STANDARD DRAWING 3056.
- DIGHT POLE AND BASE FOR REFERENCE ONLY. SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (3) RECONNECT EXISTING ROOF DRAIN TO CATCH BASIN.
- (4) RAISE UTILITY VAULT TO GRADE AS NEEDED.
- UNDERGROUND DETENTION SYSTEM: INSTALL 536 LINEAR FEET OF 12" PERFORATED N-12 HDPE PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN A MINIMUM OF 2' OF COVER ABOVE TOP OF EACH PIPE, FOR ENTIRE SYSTEM. SLOPE=0.00%. FILL ENTIRE EXCAVATION TO THE TOP AND BOTTOM OF THE PIPING WITH FREE DRAINING GRANULAR MATERIAL (3/4" SEWER ROCK, MINIMUM VOID RATIO=0.40). EXTEND GRAVEL (5) 5.5' MINIMUM BEYOND EDGE OF PIPES AND WRAP WITH MIRAFI 140N FABRIC. FILL REMAINDER OF
- EXCAVATION WITH ANGULAR, WELL GRADED GRANULAR FILL CONSISTENT WITH AASHTO A-1, A-2, OR A-3 CLASSIFICATION. TOP OF GRAVEL = 4545.25
 - TOP OF PIPE = 4545.25 BOTTOM OF PIPE = 4544.25 BOTTOM OF GRAVEL = 4544.25
- (6) 7.17" DIAMETER ORIFICE PLATE PER DETAIL 9/C-600, INSTALLED ON EAST SIDE OF STORM DRAIN BOX.
- (7) 3'Ø ACCESS MANHOLE FOR UNDERGROUND RETENTION CHAMBER SYSTEM WITH SOLID COVER.
- SNOUT AND BIOSKIRT PER MANUFACTURERS STANDARDS AND SPECIFICATIONS. SUMP DEPTH AS REQUIRED PER MANUFACTURER.
- CONFIRM MINIMUM WATER LINE DEPTH IS MAINTAINED PER JURISDICTIONAL REQUIREMENTS ALONG 9 SECTIONS OF PIPING WHERE EXCAVATION IS REQUIRED TO ACHIEVE PROPOSED ELEVATIONS PER THE GRADING PLAN. IN AREAS WHERE MINIMUM WATER LINE DEPTH IS NOT MAINTAINED, REMOVE AND REPLACE THE WATER LINE, AS REQUIRED.











Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah



Sheet Number









ELEV = 4552.51'

COMMENCEMENT OF ANY Know what's below. CONSTRUCTION.



FUTL

CLASS



SEE DRAWING C-401

EXISTING SOUTH JORDAN MIDDLE SCHOOL FF=4548.78



EXISTING WATER LINE

-EXISTING FIRE HYDRANT







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 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 LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S 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 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 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.
- ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
- 4. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 5. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION.
- 7. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
- 8. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
- 9. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE MINIMUM 1% SLOPE.
- 10. THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
- 11. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
- 12. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- 13. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

SCOPE OF WORK:

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) FIRE HYDRANT ASSEMBLY COMPLETE PER SOUTH JORDAN CITY STANDARD DRAWING 3056.
- DIGHT POLE AND BASE FOR REFERENCE ONLY. SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (3) RECONNECT EXISTING ROOF DRAIN TO CATCH BASIN.
- (4) RAISE UTILITY VAULT TO GRADE AS NEEDED.
- UNDERGROUND DETENTION SYSTEM: INSTALL 536 LINEAR FEET OF 12" PERFORATED N-12 HDPE PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN A MINIMUM OF 2' OF COVER ABOVE TOP OF EACH PIPE, FOR ENTIRE SYSTEM. SLOPE=0.00%. FILL ENTIRE EXCAVATION TO THE TOP AND BOTTOM OF THE PIPING WITH FREE DRAINING GRANULAR MATERIAL (3/4" SEWER ROCK, MINIMUM VOID RATIO=0.40). EXTEND GRAVEL (5) 5.5' MINIMUM BEYOND EDGE OF PIPES AND WRAP WITH MIRAFI 140N FABRIC. FILL REMAINDER OF
- EXCAVATION WITH ANGULAR, WELL GRADED GRANULAR FILL CONSISTENT WITH AASHTO A-1, A-2, OR A-3 CLASSIFICATION. TOP OF GRAVEL = 4545.25
 - TOP OF PIPE = 4545.25 BOTTOM OF PIPE = 4544.25 BOTTOM OF GRAVEL = 4544.25
- (6) 7.17" DIAMETER ORIFICE PLATE PER DETAIL 9/C-600, INSTALLED ON EAST SIDE OF STORM DRAIN BOX.
- (7) 3'Ø ACCESS MANHOLE FOR UNDERGROUND RETENTION CHAMBER SYSTEM WITH SOLID COVER.
- 8 SNOUT AND BIOSKIRT PER MANUFACTURERS STANDARDS AND SPECIFICATIONS. SUMP DEPTH AS REQUIRED PER MANUFACTURER.
- CONFIRM MINIMUM WATER LINE DEPTH IS MAINTAINED PER JURISDICTIONAL REQUIREMENTS ALONG SECTIONS OF PIPING WHERE EXCAVATION IS REQUIRED TO ACHIEVE PROPOSED ELEVATIONS PER THE (9) GRADING PLAN. IN AREAS WHERE MINIMUM WATER LINE DEPTH IS NOT MAINTAINED, REMOVE AND REPLACE THE WATER LINE, AS REQUIRED.











Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah



Utility Plan

Sheet Number





BENCHMARK

NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'



CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY



- THIS PLAN IS DESIGNED AS A FIRST APPRAISAL OF NECESSARY MEANS TO PROTECT THE WATERS OF THE STATE FROM POTENTIAL POLLUTION. IT IS THE RESPONSIBILITY OF THE OWNER/OPERATOR TO ADD WARRANTED BEST MANAGEMENT PRACTICES (BMP'S) AS NECESSARY, MODIFY THOSE SHOWN AS APPROPRIATE, AND DELETE FROM THE PROJECT THOSE FOUND TO BE UNNECESSARY. FEDERAL AND STATE LAW ALLOWS THESE UPDATES TO BE MADE BY THE OWNER/OPERATOR ONSITE AND RECORDED BY THE OWNER/OPERATOR ON THE COPY OF THE SWPPP KEPT ONSITE.
- DISTURBED LAND SHALL BE KEPT TO A MINIMUM. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. HOWEVER, WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- 3. RESEED DISTURBED LAND WITH NATIVE GRASS MIXTURE WITHIN 14 CALENDAR DAYS OF ACHIEVEMENT OF FINISH GRADE TO STABILIZE SOILS IF LAND IS NOT TO BE RE-WORKED WITHIN 14 CALENDAR DAYS OF THE CESSATION OF CONSTRUCTION ACTIVITIES AT THAT LOCATION.
- 4. DETAILS SHOWN ARE TO BE EMPLOYED TO PROTECT RUNOFF AS APPROPRIATE DURING CONSTRUCTION. NOT ALL DETAILS ARE NECESSARY AT ALL PHASES OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/OPERATOR TO USE APPROPRIATE BEST MANAGEMENT PRACTICES AT THE APPROPRIATE PHASE OF CONSTRUCTION. SEE SWPPP FOR BMP IMPLEMENTATION SCHEDULE.
- VARIOUS BEST MANAGEMENT PRACTICES HAVE BEEN SHOWN ON THE PLANS AT SUGGESTED LOCATIONS. THE CONTRACTOR MAY MOVE AND RECONFIGURE THESE BMP'S TO OTHER LOCATIONS IF PREFERRED, PROVIDED THE INTENT OF THE DESIGN IS PRESERVED.
- NOT ALL POSSIBLE BMP'S HAVE BEEN SHOWN. THE CONTRACTOR IS RESPONSIBLE TO APPLY CORRECT MEASURES TO PREVENT THE POLLUTION OF STORM WATER PER PROJECT SWPPP.
- 7. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR MORE.

SCOPE OF WORK:

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) INLET PROTECTION PER DETAIL 5/C-600.
- (2) VEHICLE WASHDOWN AND STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 6/C-600.
- 3 PORTABLE TOILET.
- SUGGESTED TEMPORARY CONSTRUCTION SITE PARKING, STAGING, DUMPSTER, AND MATERIAL STORAGE AREA.
- 5 SUGGESTED STOCKPILE AREA.

723 West Pacific Ave., Suite 101 Salt Lake City, Utah 84104 Tel 801 355-5959

Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**

136.020

Project Issue Date January 22, 2024

Sheet Title Erosion Control Plan

Sheet Number

NORTH QUARTER CORNER SECTION 16, TOWNSHIP 3 SOUTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND BRASS CAP)

ELEV = 4552.51'

Know what's below. Call before you dig.

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY

ASPHALT NOTES

CONCRETE MOW STRIP DETAIL ORIFICE PLATE 8 SCALE: NONE

ASPHALT NOTES

1. ALL PAVING TO BE PLACED OVER PROPERLY PREPARED NATURAL SOILS AND/OR PROPERLY PREPARED EXISTING FILL SOILS AND

1. ALL PAVING TO BE PLACED OVER PROPERLY PREPARED NATURAL SOILS AND/OR PROPERLY PREPARED EXISTING FILL SOILS AND

PROPERLY PREPARED SUBGRADE OR

-COMPACTED SUBGRADE

6" UNTREATED BASE COURSE-PER SPECIFICATIONS

PAVEMENT SECTION

SCALE: NONE

STABILIZED CONSTRUCTION ENTRANCE 6

SCALE: NONE

CONCRETE WHEEL STOP

SCALE: NONE

Jordan **School District** Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**

Sheet Title Civil Details

– (2) HORZ. #5 BARS @ 18" O.C. #5 HORZ. BARS @ 14" O.C. - (3) CONT. #5 BARS 3'-0"

REINFORCING REQUIREMENTS

MONUMENT SIGN SECTION

NWL Project Number 136.020

Stamp

Project Issue Date January 22, 2024

Sheet Title MONUMENT SIGN DETAIL

					Stamp
				<u> </u>	Naylor Wentworth
		X	Χ Χ	X	Lund Architects
					723 West Pacifi c Ave., Suite 101 Salt Lake City, Ut ah 84104 Tel 801355–595 9
- W					Arce Sitio Design, Inc Landscape Architecture & Architectural Site Design 1058 east 2100 south, Salt Lake City, Utah 84106 office 801.487.4923 fax 801.466.3046
					Jordan School District 7905 South Redwood Road West Jordan, Utah 84088
					Project For The Jordan School District Board of Education
					South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah
					Project Phase Bid Documents
					No. Description Date
X	<u>x</u>	- <u></u> X	X	.D] x	NWL Project Number 136.020
					January 22, 2024 Sheet Title
	\sim				Sheet Number OVERALL LANDSCAPE PLAN
	NORTH	0 20 4 SCALE: 1"	40 80 = 40'-0"		L-L100

	LANDSC	APE NO	TES			А	Stamp
	1. CONTRAC PIPES AN TO DAMA	TOR SHALL BE D STRUCTURES. GE OF SAID UTI	RESPONSIBLE FOR . CONTRACTOR SI ILITIES.	MAKING HIMSELF FAMILIAR WIT HALL TAKE SOLE RESPONSIBILIT	TH ALL UNDERGROUND U	TILITIES, JRRED DUE	Stand LANDSCAPE TO Stand L. Gilbert No. 5734299
	2. CONTRAC THAT UN DURING I REPRESE NECESSA	TOR SHALL NOT KNOWN OBSTRUC DESIGN. SUCH C NTATIVE AND AI RY REVISIONS D	WILLFULLY PROC TIONS AND/OR GR ONDITIONS SHALL RCHITECT. THE C	EED WITH CONSTRUCTION AS DE RADE DIFFERENCES EXIST THAT BE IMMEDIATELY BROUGHT TO ONTRACTOR SHALL ASSUME FUL O GIVE SUCH NOTIFICATION.	ESIGNED WHEN IT IS OB' MAY NOT HAVE BEEN K THE ATTENTION OF THI LL RESPONSIBILITY FOR	VIOUS KNOWN E OWNERS ALL	Jan. 22, 2024
	3. CONTRAC ACCOMPL	TOR SHALL BE	RESPONSIBLE FOR	ANY COORDINATION WITH SUBC	ONTRACTORS AS REQUI	RED TO	Naylor
	4. SEE SPE	CIFICATIONS FOR	PLANTING REQUI	REMENTS, MATERIALS, EXECUTIO	ONS AND MAINTENANCE.		Wentworth
	5. ALL PLAI SITE, AN	D PRIOR TO INS	TALL BE APPROVE	D BT THE OWNER'S REPRESENT.	ELEL D AND TUGE SUO	IU IHE	Architects
	6. IF DISCRI PLANS, C SUCH CO	ONTRACTOR SHA	ALL CONTACT THE WILL RESULT IN	OWNER'S REPRESENTATIVE FOR CONTRACTOR'S LIABILITY FOR I	R RESOLUTION. FAILURE MATERIALS RELOCATION	TO MAKE	
	7. FINAL LO REPRESE	CATIONS OF ALL NTATIVE.	. PLANT MATERIAL	S SHALL BE SUBJECT TO APPR	ROVAL OF THE OWNER'S		723 West Pacifi
	8. TREES S BARRIER	HALL NOT BE PL IS INSTALLED.	ANTED LESS THA	N 5'-0" FROM CURBS OR HARD	SURFACE AREAS UNLES	S A ROOT	c Ave., Suite 101 Salt Lake City, Ut ah 84104
	9. CONTRAC REFER T	TOR SHALL PRO D SPECIFICATION	IS	TURAL TOPSOIL ANALYSIS AND	AMEND SOIL AS RECOM	MENDED -	Tel 801 355 – 595 9
	10. THE CON PLANTING	FRACTOR SHALL SHOWN ON THE	SUPPLY ALL PLA DRAWINGS.	NT MATERIAL IN QUANTITIES SU	UFFICIENT TO COMPLETE	THE	Arc Sitio Design, Inc
	12. ANY PRO	POSED SUBSTIT	UTIONS OF PLANT	SPECIES SHALL BE MADE WITH	PLANTS OF EQUIVALEN	T OVERALL	Landscape Architecture & Architectural Site Design
	THE OWN	ER'S REPRESENT	TATIVE. L. SHALL BE DOUG	BLE STAKED AND ALL DECIDUOL	US TREES GREATER TH	AN 2" CAL.	office 801.487.4923 fax 801.466.3046
-	AND ALL DETAILS	EVERGREEN TR	EES 6'-0" AND TA	LLER SHALL BE TRIPLE STAKE	D OR GUYED - SEE LAN	IDSCAPE	
	14. LANDSCA INCHES C 12" OF AI SUBGRAD THE PLA PLACEME	PE CONTRACTOR F TOPSOIL AND 1ENDED TOPSOIL IE IN SHRUB BEI NTING ISLANDS NT OF TOPSOIL.	R IS RESPONSIBLE 1 INCH FOR SOD) 2). SEE DETAIL E DS, AND SOD ARE IN THE PARKING L REFER TO GRAD	FOR THE LAST 7 INCHES OF GA AND 16 INCHES IN SHRUB BED BELOW FOR MORE SPECIFIC DI AS DOWN AS SPECIFIED BEFORE OTS SHALL HAVE ALL ROAD BA DING PLAN FOR FINISH GRADE A	RADE IN TURF SOD ARE AREAS (4 INCHES OF M EPTHS. IF NECESSARY E E PLACING AMENDED TO ASE REMOVED PRIOR TO ND DRAINAGE.	AS (6 ULCH AND DIG PSOIL.	Jordan School District 7905 South Redwood Road West Jordan, Utah 84088
ŀ	REFERE	NCE NO	TE SCHE	DULE		B	
ſ		SYMBOL	DESCRIPTION			QTY	
			ENTRY SIGN	- REFER TO ARCHITECTURAL	PLANS		Project For
	X	- 2 3	FENCE, TYP. CONCRETE LA	- REFER TO ARCH. PLANS	SHT. L-L501 DTL. I		The
		4	4" DEPTH OF TAN IN COLOI WEED BARRIE	1" TO 3" DIA. CRUSHED ROCK R - IN SHRUB BEDS OVER 12" ER FABRIC, TYP SEE SHT.	MULCH TYPE 1 - OF TOPSOIL AND L-L501 DTL. D	18,513 sf	Jordan School District
-1		5	LANDSCAPE A BOULDER 24" QUANTITY). 1 GRADE - REF	ACCENT BOULDER - TAN IN CO TO 48" DIA ABOVE GRADE (1 /3 OF ALL BOULDERS MUST E FER TO SHT. L-L501 DTL. J	OLOR - ROUND 1/3 OF TOTAL 3E BURIED BELOW	89	Board of Education
SI		6	3" DEPTH OF MATCH EXIST	BARK MULCH - TOP DRESS I	EXISTING BEDS -	160 sf	South Jordan
			3" DEPTH OF TOPSOIL AND L-L501 DTL.	BARK MULCH IN SHRUB BEDS WEED BARRIER FABRIC, TYP D	5 OVER 12" OF P SEE SHT.	431 sf	Parking Lot Additic
		8	TURF AREA 1 DTL. D	NITH 6" AMENDED TOPSOIL- S	BEE SHT. L-L501		South Jordan, Utah
		٩	PROTECT IN	PLACE EXISTING LANDSCAPE	AND IRRIGATION		
			PATCH AND F	REPAIR EXISTING LANDSCAPE IT, TYP REFER TO CIVIL PI	AND IRRIGATION		
			SITE LIGHTING	G - REFER TO ELEC. PLANS,	TYP.		Bid Documents
			* QUANTITIES F	OR REFERENCE ONLY, CONTRA	ACTOR TO VERIFY.		Revision Schedule
1							
							NWL Project Number
							Project Issue Date
							January 22, 2024
							Sheet Hitle
-	SCALE	AND NO	RTH ARF	20W		С	Sheet Number LANDSCAPE PLAN
ſ							
			7	0 10 20	40		L-L101

		1	0
			U

NORTH

C

SCALE: 1" = 20'-0"

File : E: 23079_JSD South Jordan Middle SchoolCaddL-Landscape.dwg Jan 19, 2024-10:15am

D	I ANDSCARE NOTES		Λ	Stamp
	LANDSCAPE NUTES			MNDSCAPE TO
	TO DAMAGE OF SAID UTILITIES.	TRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COSTS INCU	RRED DUE	Richard L. Gilbert
	2. CONTRACTOR SHALL NOT WILLF	ULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBV	10US	Lichned Gussel
	DURING DESIGN. SUCH CONDITI REPRESENTATIVE AND ARCHITE	ONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR	OWNERS	OF UTAT
	NECESSARY REVISIONS DUE TO	FAILURE TO GIVE SUCH NOTIFICATION.	PED TO	
	ACCOMPLISH THE LANDSCAPE C	ONSTRUCTION FOR THIS PROJECT.		Naylor
	 SEE SPECIFICATIONS FOR PLAN ALL PLANT MATERIAL SHALL B 	FING REQUIREMENTS, MATERIALS, EXECUTIONS AND MAINTENANCE. E APPROVED BY THE OWNER'S REPRESENTATIVE UPON DELIVERY T	O THE	Lund
78	SITE, AND PRIOR TO INSTALLA	TION.		Architects
	PLANS, CONTRACTOR SHALL CO SUCH CONFLICTS KNOWN WILL R	NTACT THE OWNER'S REPRESENTATIVE FOR RESOLUTION. FAILURE RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.	TO MAKE	
	7. FINAL LOCATIONS OF ALL PLAN REPRESENTATIVE.	T MATERIALS SHALL BE SUBJECT TO APPROVAL OF THE OWNER'S		
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	8. TREES SHALL NOT BE PLANTED	D LESS THAN 5'-0" FROM CURBS OR HARD SURFACE AREAS UNLESS	6 A ROOT	723 West Pacifi c Ave., Suite 101 Salt lake City Ut
	9. CONTRACTOR SHALL PROVIDE A	N AGRICULTURAL TOPSOIL ANALYSIS AND AMEND SOIL AS RECOMM	1ENDED -	ah 84104 Tel 801 355 – 595
	REFER TO SPECIFICATIONS	Y ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE	ТНЕ	
	PLANTING SHOWN ON THE DRAM			Design, Inc
	12. ANY PROPOSED SUBSTITUTIONS	OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT	OVERALL	Landscape Architecture & Architectural Site Design
	FORM, HEIGHT, BRANCHING HAB THE OWNER'S REPRESENTATIVE	IT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE ONLY AS APPROV	ed by	office 801.487.4923 fax 801.466.3046
	13. ALL TREES UP TO 2" CAL. SHA AND ALL EVERGREEN TREES 6'-	LL BE DOUBLE STAKED AND ALL DECIDUOUS TREES GREATER THA -0" AND TALLER SHALL BE TRIPLE STAKED OR GUYED - SEE LANI	N 2" CAL. DSCAPE	
	DETAILS 14. LANDSCAPE CONTRACTOR IS RE	SPONSIBLE FOR THE LAST 7 INCHES OF GRADE IN TURF SOD AREA	AS (6	Jordan School District
	INCHES OF TOPSOIL AND I INCH 12" OF AMENDED TOPSOIL). SE	FOR SOD) AND 16 INCHES IN SHRUB BED AREAS (4 INCHES OF MU E DETAIL B BELOW FOR MORE SPECIFIC DEPTHS. IF NECESSARY D	ILCH AND	7905 South Redwood Road West Jordan, Utah 84088
	SUBGRADE IN SHRUB BEDS, AN THE PLANTING ISLANDS IN THE PLACEMENT OF TOPSOIL. REFE	D SOD AREAS DOWN AS SPECIFIED BEFORE PLACING AMENDED FOR PARKING LOTS SHALL HAVE ALL ROAD BASE REMOVED PRIOR TO R TO GRADING PLAN FOR FINISH GRADE AND DRAINAGE.	⁵ 501L.	
	REFERENCE NOTE	SCHEDULE	B	
		SCRIPTION	<u>QTY</u>	
	EN	NCE, TYP REFER TO ARCHITECTURAL PLANS		Project For
		, NCRETE LANDSCAPE CURB, TYP SEE SHT. L-L501 DTL. I		The
	4" TA	DEPTH OF 1" TO 3" DIA. CRUSHED ROCK MULCH TYPE I - N IN COLOR - IN SHRUB BEDS OVER 12" OF TOPSOIL AND	18,513 sf	Jordan School District
	WE	ED BARRIER FABRIC, TYP SEE SHT. L-L501 DTL. D		Board of
SD	BO BO QU GR	NDSCAPE ACCENT BOULDER - TAN IN COLOR - ROUND ULDER 24" TO 48" DIA ABOVE GRADE (1/3 OF TOTAL ANTITY). 1/3 OF ALL BOULDERS MUST BE BURIED BELOW ADE - REFER TO SHT. L-L501 DTL. J	89	Education
	6 3" 	DEPTH OF BARK MULCH - TOP DRESS EXISTING BEDS - TCH EXISTING	160 sf	South Jordan Middle School
		DEPTH OF BARK MULCH IN SHRUB BEDS OVER 12" OF PSOIL AND WEED BARRIER FABRIC, TYP SEE SHT. L501 DTL. D	431 sf	Parking Lot Addition
	B TU DT	RF AREA WITH 6" AMENDED TOPSOIL- SEE SHT. L-L501 L. D		South Jordan, Utah
	PR	OTECT IN PLACE EXISTING LANDSCAPE AND IRRIGATION		
		TCH AND REPAIR EXISTING LANDSCAPE AND IRRIGATION		
		E LIGHTING - REFER TO ELEC. PLANS, TYP.		Project Phase Bid Documents
	* QU	ANTITIES FOR REFERENCE ONLY, CONTRACTOR TO VERIFY.		
1_				No. Description Date
0				
9				
•				
				136.020
				Project Issue Date
				Sheet Title
				Sheet Number
	JUALE AND NOR IF	1 AKKUW		LANDSCAPE PLAN
	NORTH	0 10 20 40 SCALE: 1" = 20'-0"		L-L102

PLAN

- BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT

- AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY
- BACKFILLING. SETTLE W/ WATER

- (I) MAINTAIN 12" DIA. RING OF BARK MULCH AROUND PLANTS LOCATED

- FOLLOWING PLANTING TO SETTLE

SECTION/PLAN

ANT SCI	HEDULE				А
SYMBOL	BOTANICAL / COMMON NAME	CONT	CAL	QTY	
TREES					
	Ulmus x 'Accolade' / Accolade Elm	B¢B	3"Cal	4	
•	Zelkova serrata 'Schmidtlow' / Wireless@ Japanese Zelkova	B¢B	3"Cal	10	
SYMBOL	BOTANICAL / COMMON NAME	SIZE	FIELD2	QTY	
SHRUBS					
(ber)	Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Barberry	5 gal		14	
(cor isa)	Cornus sericea 'Isanti' / Isanti Redosier Dogwood	5 gal		16	
hes	Hesperaloe parviflora / Red Yucca	5 gal		16	
(jun)	Juniperus sabina 'Arcadia' / Arcadia Juniper	5 gal		6	
	Panicum virgatum 'Shenendoah' / Burgundy Switch Grass	5 gal		7	
pwn	Prunus besseyi 'Pawnee Buttes' / Sand Cherry	5 gal		8	
(rha)	Rhamnus frangula 'Columnaris' / Tall-hedge Buckthorn	5 gal		12	
rhu	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	5 gal		47	
rhty	Rhus typhina 'Tiger Eyes' / Tiger Eyes Sumac	5 gal		4	
rib	Ribes alpinum / Alpine Currant	5 gal		13	
GRASSES					
(\mathbf{x})	Calamagrostis acutifolia 'Karl Foerster' / Foerster's Reed Grass	5 gal		73	
SYMBOL	BOTANICAL / COMMON NAME	CONT	FIELD2	QTY	
GROUND	Covers				
	Turf-Grass / Turf-Grass	sod		936 sf	

* QUANTITIES FOR REFERENCE ONLY, CONTRACTOR TO VERIFY

Naylor Wentworth Lund Architects

723 West Pacifi c Ave., Suite 101 Salt Lake City, Ut a h 84104 Tel 801 355 – 595

Arc Sitio Design, Inc Landscape Architecture & Architectural Site Design 1058 east 2100 south, Salt Lake City, Utah 84106 office 801.487.4923 fax 801.466.3046

Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase **Bid Documents**

Project Issue Date January 22, 2024

Sheet Title

Sheet Number

LANDSCAPE DETAILS

: E:\23079_JSD South Jordan Middle School\Cadd\L-Irrigation.dwg Jan 19, 2024-10:3

				1	
				#	Stamp Stamp Richard L. Gilbert No. 5734299 Jan. 22, 2024 N a y l o r W e n t w o r t h
X		X		X	Z Z West Pacifi
- W					c Ave., Suite 101 Solt Loke City, Ut ah 84104 Tel 801 355-595 9 Arce S it io Design, Inc Landscape Architecture & Architectural Site Design
					Jordan School District 7905 South Redwood Road West Jordan, Utah 84088
	<u>IR-05</u>				Project For The Jordan School District Board of Education South Jordan Middle School Parking Lot Addition
sd					South Jordan, Utah Project Phase Bid Documents Revision Schedule No. Description Date
	<u> </u>	<u> </u>	<u> </u>	D	NWL Project Number 136.020 Project Issue Date January 22, 2024 Sheet Title
		0 20 SCALE: 1	40 80 " = 40'-0"		Sheet Number OVERALL IRRIGATION PLAN

1 T. 5 THE NITH OF THESE IRREGATOR HAVE TO PROVIDE THE CONTRACTOR WITH CONSTRUCTOR SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LASK, PARTS AND TATER AS REQUIRED 2. 2 THE CONTRACTOR SHALL PROVIDE ALL LASK, PARTS AND TATER AS REQUIRED 2. 2 THE CONTRACTOR SHALL PROVIDE ALL LASK, PARTS AND TATER AS REQUIRED 2. 2 THE CONTRACTOR SHALL PROVIDE ALL LASK, PARTS AND TATER AS REQUIRED 2. 2 THE CONTRACTOR SHALL PROVIDE THE AVAILABLE ANTER RESENSED ON THE PROVE TO CONTRACTOR SHALL PROVIDE PROVIDE TO THE AVAILABLE AND REPORT TO THE PROVIDE TO LANTA AN OPERATING PRESENSE TO REPORT TO THE CONTRACTOR TO TAILLATER RESENSED AND THE PROVE TO CONTRACTOR SHALL PROVIDE PROVIDE ALL DESCRIPTION OF THE SHALL PROVIDE ON LATER AS REPORT TO LONG TAXINA OPERATING PRESENSE TO REPORT THE LOCATION AND PROVIDE THE ADD LATER AS TRACKARD AND THE SHALL PROVIDE THE ADD LATER AS TRACKARD AND THE SHALL PROVIDE THE ADD LATER AS TRACKARD AND THE SHALL PROVIDE THE ADD LATER AS TRACKARD AND THE PLANE AND DETERMINE THE PRESENT TO LONG TAXING ADD PRESENT TO LONG TAXING ADD PRESENT ADD LATER AS TRACKARD AND THE PLANE AND DETERMINE THE PROVIDE THE ADD LATER AS TRACKARD AND THE PLANE AND DETERMINE THE DETAILS THE REGRATION CONTRACTOR AND TAXING ADD PRESENT ADD LATER AS TRACKARD AND THE PLANE AND DETAILS THE REGRATION ADD TAXING AND PRESENT TO LONG THE LON	 I. T. BIN RY TO, C. BINS REACTOR P. 49: IS DEVIDE THE CONTENT OF UNIT DASTRACE INCLUSION IN THE CONTENT OF UNIT REACTOR THAT INCREMENT OF UNIT REACTOR THAT INCREMENTS OF UNIT	IR	RIGATION NOTES
2. THE CONTRACTOR SHALL VISIN'T THE AVAILABLE WITH PRESSURE ON STE PROR TO CONSTRUCTION AND REPORT AND DESCRIPTION TO THE AVAILABLE HAVE ON CONSTRUCTION THE CONTRACTOR SHALL PRESSURE ON END TO THE UNATT ON CONSTRUCTION THE CONTRACTOR SHALL PRESSURE FOR EACH 2006 TO THE LAST LEGAD. 3. TH IS THE REPORTED TO THE LAST LEGAD. CONTRACTOR SHALL TO THE CONTRACTOR TO FAMILABLE HIMBLE ATH ALL GRADE DIFFERENCES. INCLUDENCE AND LINES CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTIONS OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTIONS OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTORS FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTOR FOR THE LOCATION AND INSTRUCTION OF REPORTED. CONTRACTOR FOR THE LOCATION OF THE LOCATION OF THE LOCATION OF THE LOCATION OF REPORTED. CONTRACTOR FOR THE LOCATION OF REPORTED. CONTRACTOR FOR THE LOCATION OF THE LOC	The Contractor shull reprint the Advance were represented and the processing of the experimental of t	1.	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 MATERIALS REQUIRED
3. THE REPORT OF THE CONTRACTOR TO PAYLIARS THE REACT CONTRACT CONTRACT 3. TO THE REPORT OF THE CONTRACTOR TO PAYLIARS THE REACT CONTRACT OF SHELL SERVER OF REFLACE ALL THEY DEVISED OF HIS WARK, HE SHALL CORDONATE HIS WARK AND COTER CONTENTIONS FOR THE LOCATION AND INSTALLATION OF PRES SHELPSS AND LATERAS. THROUGH KALLS AND UNDER RAYING. 4. DO NOT MULTICAT, WEITLAN THE REACTION STITUTES THE READS HARD IN THE SHALE SERVER CONTENTIONS CONTRACTOR ON INSTALLED AS SHOWN ON THE PLANS HARD IN THE CONTRACTOR SHALL ASSAULT. IN THE EVENT THAT THIS HOTPCATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSAULT FOR THAT CANDIDA CONTRACT ON IS NOT PERFORMED. THE CONTRACTOR SHALL ASSAULT FOR THAT CANDIDA CONTRACT NOT SHALL DE INSTALLED IN PLATTICA AREAS HEREEVER PRESS AREATECT. IN THE EVENT THAT THIS HOTPCATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSAULT AND THAT THE AND TOTAL TO THE PLANS HERE THE ADD PLATING AREAS HEREEVER PRESS AREA TO BE CONTRACT. ALL INFLATION SAULTED TO THE PLANS HERE TO ADD THAT AND THE DEVISION CONTRACT, AND SHALL DE SHALL DE NETALED AS PERFORMED TO REGRET AND RADIUS PRESS AREA TO BE CONTRACT, AND SHALL DE NETALED AS PERFORMED TO REGRET AND RADIUS PRESS AREA TO BE CONTRACT, AND SHALL DE SHALLED NETALED AS THE PHANFACTURES SHELL. CONTRACTOR SHALL FUNCTION TO THE PLANS HERE TO ANALYS, BUILDINGS, ETC. 6. ALL INFORMATION SOLET HE HERE TO THIN THE ENDER AND ADD THAT.	 P. IN THE RESOLUTION THAT THE CONTRACTOR TO FUNDABLE WITH ALL CAND DIFFERENCES. Contractors for the LOCATION AND INTERVISION FOR EXERCISES. CONTRACTOR THE LOCATION OF THE SUBJECT AND UNDER THE SUBJECT AND UNDER THE ADVANCE OF THE ADVANCE OF THE ADVANCE OF THE LOCATION AND INTERVISION OF THE LOCATION AND THE LOCATION OF THE LOCATION AND THE LOCATION AND THE LOCATION AND THE LOCATION AND THE LOCATION OF THE LOCATION AND THE LOCATI	2.	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.
4. DO NOT HULFULT INSTALL THE REGISTION SYSTEM AS SUBMIX OF THE PLAS HUP IT IS CENTIONS IN THE FELD THAT WORKING OSCILLATION OF THE UNADEXCEPT SULT OF A WAY REVISION SYSTEM AS SUDU DE BRAUGHT TO THE ATTENTION OF THE UNADEXCEPT SULT BEFORE SUBJECT FOR ANY REVISIONS DECESSARY. 5. THE DESIGN CLARIFICATION ON THE EVENT THAT THIS INSTITUCIONS ON THE EXAMPLESS ANY INFORMATION IS DECESSARY. 5. THE DESIGN CLARIFICATION OUT AND SHALL BE INSTALLED IN PLANTING AREAS HIEREYER PROBAL ASSUME FUL REPORTSULT. TO DE ANY REVISIONS DECESSARY. 5. THE CONTRACTOR SHALL FULSH AND ADJUST ALL SPRINGLER HEADS AND VALVES FOR OPTIVITY OPTIME AREAS HIEREYER PROBAL CLARIFICATION OUT AND SHALL BE INSTALLED IN PLANTING AREAS HIEREYER PROBAL. 5. THE CONTRACTOR SHALL FULSH AND ADJUST ALL SPRINGLER HEADS AND VALVES FOR OPTIVITY OPTIME AREAS TO BE COVERED. ADJUST ALL SPRINGLER HEADS AND VALVES FOR OPTIVITY OPTIME AREAS TO BE COVERED. ADJUST ALL SPRINGLER HEADS AND VALVES FOR OPTIVITY OPTIME AREAS TO BE COVERED. ADJUST ALL NOZIES TO INITIATE SPRATUS (OTTO NALES, BULDINGS, ETC. 6. ALL REGATION EQUIPMENT NOT OTHERINGE DETAILED OR SPECIFIED SHALL BE INSTALLED AS FER IMANIFACTURES SPECS. 9. ALL PPE INSTALLED IN PLAYING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). 10. CONTACT LORDAN SCHOOL DESTICIT: REGATION FRIEND FILE DECEME AND DETAILS). 10. CONTACT LORDAN SCHOOL DESTICIT: REGATION FRIEND FILE PORTHAL AND THINK. EXESTING, RERGATION STEME HEADS IN TRUNCING INSTALLED AS FER IMANIFACTURES SPECS. 9. ALL PPE INSTALLED AND THE REAL RECEIVED SHE LEGEND AND DETAILS). 10. CONTACT LINGS AND INSTALLITION, NETHODS OF INSTALLATION AND THEMA. EXESTING, RERGATION STEME HEADS INTO THE DECEMENT AND THEMA. EXESTING, RERGATION STEME TO REGATION TO BEGINARY, REGATION ADD TO DEDUCE THE REAL TO REVISE TO THE EXISTING RERGATION SYSTEM TO ACCOMPANCE ALL PLACES OF CONSTRUCTION 11. THE CONTRACTOR SHALL HARE HODIFICATIONS STEME HEAD AND THINKS. 21. THE CONTRACTOR SHALL HARE HODIFICATIONS STEME TO ACCOMPANE AND AND CONTROL REGATION SUBJEM REAL THE RESISTING RERGATION SYSTEM TO	CONTINUE_LITURE THE REACTION STICLE SCALE AND PROTECT AS SOME ON THE PLANS AND IT IS SOME IN THE FLED THE WINNING OBSTRUCTURE OF GRADUALS DEVELOPMENTS AND INTO THE ATTIONATION THE STANDARDS AND ENSURING THE ATTIONATION OF THE ATTIONATION THE STANDARDS AND ENSURING THE ATTIONATION OF THE ATTIONATION THE STANDARDS AND ENSURING THE ATTIONATION OF THE ATTIONATION OF THE ATTIONATION THE STANDARDS AND ENSURING THE ATTIONATION OF THE ATTIONATION OF THE ATTIONATION THE STANDARDS AND ENSURING THE ATTIONATION OF THE ATTIONATION OF THE ATTIONATION THE STANDARDS AND ENSURING THE ATTIONATION OF THE ATTIONATION O	3.	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.
S. THE DESIGN IS DURACHMENT, ALL RENGATION SOUTHENT, PIPER, VALVES, ETC., SHOWN NITHIN PAYED AREAS ARE FOR DESIGN CLARFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE. A.R. RENGATION STSTET IS TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIRED INSTALL TO BE. INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIRED INSTALL TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIRED INSTALLATIONS. THE CONTRACTOR SHALL FULSI AND ADJUST ALL ADDIVING HEADS AND VALVES FOR OTTIMATION COVERNEL (INSTALLED IN PAVING SHALL BE SHERED DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER NAMURACIDES SPECS. A.LL RENGATION BOUNTENT NOT OTHERNISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER NAMURACIDES SPECS. A.LL RENGATION INSTALLATION, METHODS OF INSTALLATION AND THINKS. EXESTING, RENGATION INSTALLATION, METHODS OF INSTALLATION AND THE METHODING AND TO METHODING TO ENSURE THAT DISTING PLANT THATEBAL, RECEIVES THE PROPER ADDIT'OT METRE DURING ALL PLANESS OF CONSTRUCTION. THE CONTRACTOR STALL ADDIT THE EXISTING IRRIGATION SYSTEM IN AND THE ENSITING RENGATION VALUES AND EXISTING RELATION TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED VALUES AND PROCEDED NOTION IN RELATION TO THE EXISTING RENGATION SYSTEM AS REQUIRED IF THE MEDIFICATIONS TO THE EXISTING IRRIGATION SYSTEM IN AND ADDITIONAL LOSS TO THE EXISTING CONTROL INFORMATION THALE AND ADDIT CONTROL EXISTING RENGATIO		4.	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 CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
A RENEATION SYSTEM IS TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQULATIONS. THE CONTRACTOR SHALL FULSH AND ADJUST ALL SPRINKLES HEADS AND VALVES FOR OPTIVUT (CONTRACT, METALLIALL SPRINKLE HEADS METALLED OR SPECIFIED SHALL BE INSTALLED AS PER PARTIAL RELATION EQUIPHENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER IMMURATURES SPECE. A ALL IRREGATION EQUIPHENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER IMMURATURES SPECE. A ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). CONTACT JORDM SCIOL, DISTRUT REGATION FOREMAN POINT TO BECINNE, IRREGATION HORK TO COORDINATE RENGATION INSTALLATION, HETHODS OF INSTALLATION AND THING. EXISTING, RENGATION INSTALLATION, HETHODS OF INSTALLATION AND THING. EXISTING, RENGATION INSTALLATION, HETHODS OF INSTALLATION AND THING. EXISTING, RENGATION ASSISTEM L. OWERALL I THE CONTRACTOR SHALL INANTIAN THE EXISTING IRREGATION SYSTEM IN GOOD MORKING, CONDITION TO DEVENUE THAT EXISTING PLANT MATERNAL RECEVES THE PROPER ADOUNT OF HATER DURING ALL PHAGES OF CONSTRUCTION. D HODIFICATIONS TO THE EXISTING IRREGATION SYSTEM AS REQUIRED WHERE EXISTING IRREGATION ADOLS THAT MATERNAL RECEVES THE PROPER ADOUNT OF HATER DURING ALL PHAGES OF CONSTRUCTION. D HODIFICATIONS TO THE EXISTING IRREGATION SYSTEM AS REQUIRED WHERE EXISTING IRREGATION MAIN UNES AND LATERAL UNRES, ELECCATING EXISTING IRREGATION VALVES AND CONTROL WINKE, AND RELCORTING EXISTING IRREGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT IMPLET TO TO THE EXISTING IRREGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT THACE. THE CONTRACTOR THAN EXISTEM DURING INCLUDE BUT IS NOT IMPLET TO THE OWNER, AND RELCORTING EXISTING IRREGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT THACE. THE CONTRACTOR HAR ALSO BE REQUIRED TO HAND-HATER EXISTING PLANT INTERNAL AS REQUIRED IF THE MODIFING INCLUDE VIEW EXISTING IRREGATION SYSTEM AND ADDITIONAL COST TO THE EXISTING INCLUDE VALVES AND THE EXISTING IRREGATION SYSTEM AND ADDITIONAL COST TO THE EXISTING INCLUDE VALVES AND RECORMECT	ALL PREVENTION CONTRACTOR SHALL PLUS- AND A ALL OF RALLES AND A ALCORDANCE WITH HALL APPROXAME EXCEPTION AND ALLONG ALL STRUCTURE HEAD AND ALLONG ALL PREVENTION CONTRACT TO BEAR ADDRESS AND ALLONG ALL OF A PARTY OF ALL OF ALL OF A PARTY OF ALL	5.	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.
THE CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTITUM CONTRACE. INSTALL ALL SPRINKLER HEADS WITH NOZZES OF THE APPROPRIATE DEGREE AND RADIUS OF THE AREA TO BE CONTROL. ADJUST ALL NOZZES TO FINIHIZE SPRATINE ONE NAKES, BULDINGS, ETC. 8. ALL REMGATION EDIPHENT NOT OTHERNISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURES SPECS. 9. ALL REMGATION EDIPHENT NOT OTHERNISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURES SPECS. 9. ALL PRE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). 10. CONTACT LORDAN SCHOOL DISTRICT IRRIGATION FOREMAN PRICE TO BEGINNING IRRIGATION WORK TO COORDINATE REGATION INSTALLATION, METHODS INSTALLATION AND THINKS. 11. THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD HORKING CONDITION TO BISUME THAT ENSITING FUANT INATERIAL RECEIVES THE PROPER ANDUMIT OF MATER DURING ALL PHASES OF CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DIRGUPTED DUE TO PROPOSED CONSTRUCTION. 2. THE CONTRACTOR STALL BE EXISTING IRRIGATION SYSTEM AS REQUIRED IF THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT THADE. 3. MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT THADE. 4. THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-HATER EXISTING IRRIGATION VALVES AND CONTRACTOR MAY ALSO BE REQUIRED TO HAND-HATER EXISTING IRRIGATION VALVES AND CONTRACTOR MAY ALSO BE REQUIRED TO THE REVISTING EXISTING IRRIGATION SYSTEM AND ADDITIONAL COST TO THE OWNER, WILLES THE TO PROTECT IN PLACE THERMATING SYSTEM AND ADDITIONAL COST TO THE OWNER, WILLES A GROUP OF SUMARY AND THE EXISTING IRRIGATION SYSTEM AND ADDITIONAL COST TO TH	1. Incontractors SHUL PLIESE AND PUBLICS ALL SPREAMER BODG AND YALVES SOL OPTIMINE OWNERSE, INSULA LA SERVICE READS WITH VARIANCE OTTE SPREAMER DE DATE AND/ DO THE AREA TO BE COVERED. AJUST ALL MEZLES TO MININES SPRATMS ONTO MALKS, BULDINGS, ETC. 2. ALL INSIGNITO FOUNDERS MAY TO THERMISE DETAILED OR SPECIFIC SHALL BE INSTALLED AS THE MAUNCATURES SPECE. ALL INSIGNITO FOUNDERS IN NOT OTHERMISE DETAILED OR SPECIFIC SHALL BE INSTALLED AS THE MAUNCATURES SPECE. 3. ALL INSIGNITOR SUBJECTION OF THE INSIGN OF INSTALLATION AND THINKS. ENDEXING INSIGNITIA INSIGNITIATION, INSIGNITIA AND THINKS. 3. ALL INSIGNITIA INSIGNITIATION, INSIGNITIA AND THINKS. ENDEXING INSIGNITIATION, INSIGNITIATION, INSIGNITIAN AND THINKS. 3. ALL INSIGNITIATION AND THE INSIGNITIATION SPECIFIC AND THINKS. ENDEXITY INSIGNITIATION, INSIGNITIAN AND THINKS. 3. ALL INSIGNITIATION AND THE INSIGNITIATION SPECIFIC AND SPECIFIC AS REQUED ALL INSIGNITIAN ON THE CONTRACTOR. ENDEXITY IN THE INSIGNITIAN STOTUC THE INSIGNITIAN AND THE INSIGNITIANA AND THE INSIGNITIAN AND THE INSIGNITIAN AND THE INSIGNITIAN AND THE INSIGNITIAN AND THE INSIGNITIANA AND THE INSIGNITIAN AND THE INSIGNITIAN AND THE INSIGNITIAN AND THE INSIGNITIANA AND AND CONTROL THE INSIGNITIANA AND INSIGNITIAN INSIGNITIANA AND AND INSIGNITIANA	6.	IRRIGATION SYSTEM IS TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
a. ALL IRRIGATION SOLUMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER NAMURACTURES SPECS. 4. ALL IPPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). 5. CONTACT_DRDAN SCHOOL DISTRICT IRRIGATION FOREMAN PRIOR TO DESIMING IRRIGATION NORK TO COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMIKG. EXISTING IRRIGATION SYSTEM - OVERALL 1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD MORKING CONDITION TO EXISTE TRATE DASTING FUNCTION THE EXISTING IRRIGATION SYSTEM IN GOOD MORKING CONDITION TO EXISTE THE DISTING IRRIGATION SYSTEM AND INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING EXISTING IRRIGATION STOLE EXISTING IRRIGATION SYSTEM AND RELOXED CONSTRUCTION. 3. MODERCATIONS TO THE EXISTING IRRIGATION SYSTEM AND RELOXED LIMITED TO. RE-ROUTING EXISTING IRRIGATION ADDRES AND LEFEMENTED DUE TO PROPOSED CONSTRUCTION. 4. THE CONTRACTOR SHALL BAS DE REQUIRED TO HAND-NATER EXISTING IRRIGATION VALVES AND CONTROL WRING, AND RELOCATING EXISTING IRRIGATION HEADS. 4. THE CONTRACTOR THAY ALSO DE REQUIRED TO HAND-NATER EXISTING IRRIGATION VALVES AND CONTROL WRING, AND RELOCATING EXISTING IRRIGATION HEADS. 5. ANY EXISTING HEAD, YALVE, YALVE MARKER, YALVE BOX, OR OTHER EXISTING IRRIGATION TO ITS PROPER PROTON IN RELATING TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 5. ANY EXISTING HEAD, YALVE, YALVE MARKER, YALVE BOX, OR OTHER EXISTING IRRIGATION TO ITS THE PROPER CONSTRUCTION 1. RELOCATE EXISTING VALVES AND RECONNECT TO MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PLASES OF CONSTRUCTION 1. RELOCATE EXISTING IRRIGATION SYSTEM TO ACCOMPATE PROPOSED 1. MEROPER EXISTING IRRIGATION SYSTEM TO ACCOMPATE ROPOSED	ALL PER INSTALLED IN PAYING SHALL BE SLEEVED (SEE LIGHID AND TEALS) ALL PER INSTALLED IN PAYING SHALL BE SLEEVED (SEE LIGHID AND TEALS) ALL PER INSTALLED IN PAYING SHALL BE SLEEVED (SEE LIGHID AND TEALS) ALL PER INSTALLED IN PAYING SHALL BE SLEEVED (SEE LIGHID AND TEALS) ALL PER INSTALLED IN PAYING SHALL BE SLEEVED (SEE LIGHID AND TEALS) COORDINATE REACTION STOLET - OVERALL EXTINC REGISTION STOLET - OVERALL THE CONFERCTOR SHALL PART IN THE RIST IN, REACTION SYSTEM IN GOOD #CRIMES CAUDITON TO ENGINE TAT INTERNAL RECEIVES THE PROPER ATON TO ANTER UNRISE CAUDITON IN ENGINE ATON TO THE DISTING REACTION SYSTEM AREADIN AND TEALS. THE CONFERCTOR SHALL PARE HOPFICATIONS TO THE DISTING REACTION WATER UNRISE OF AGENERATION THE CONFERCTION TAMING AND LIFED SLEEVE OF PROPER LIGHTON REACTION AND THE INSTITUTION THE CONFERCTION TAMING AND LIFED SLEEVE OF PROPER LIGHTON REACTION AND THE INSTITUTION THE CONFERCTION TAMING AND LIFED SLEEVE ON ADDITION TO ENDING ATON TAKE MARKEN AND AND THE DISTING REACTION AND THE INSTITUTION THE CONFERCTION TAMING AND LIFED SLEEVE ON ADDITION ADDITIONAL CECTER WHERE THE DISTING AND ADDITION TO THE DISTING REACTION ADDITION ADDITION THE CONFERCTION TAXING AND REACTION SYSTEM AREACING AND REACTION ADDITIONAL CECTER WHERE THE DISTING AND ADDITION TO BE RELOCATED DARKE, AND ADDITIONAL CECTER WHERE THE DISTING AND ADDITION ADD REACHING SYSTEM TO AND REACTION SYSTEM THE CONFERCTION IN THE DISTING ANNUNE AND CONTROLLER RECOTE ENDING REACTION SYSTEM DARK AND CONTROLLER RECOTE ENDING REACTION SYSTEM TO AND. REACTION RECOTE THE RESTING ANNUNE AND CONTROLLER WHERE RECOTE ENDING REACTION SYSTEM TO AND. REACTION SYSTEM TO AND. REACTION RECOTE ENDING REACTION SYSTEM TO AND. REACTION SYSTEM TO AND. REACTION RECOTE ENDING REACTION SYSTEM TO AND. REACTION SYSTEM T	7.	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.
9. ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). 10. CONTACT_URDAN SCHOOL DISTRICT IRRIGATION POREMAN PRIOR TO BEGINNIKG IRRIGATION HORK TO COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMING. EXISTING IRRIGATION POREMAL EXISTING IRRIGATION METHODS OF INSTALLATION AND TIMING. EXISTING IRRIGATION STATUCH, IRRIGATION SYSTEM IN GOOD MORKING CONDITION TO EDJURG ALL PHASES OF CONTRACTOR SHALL MARE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED HHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION. 2. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED HHERE EXISTING IRRIGATION AND THERE LISSING IRRIGATION VALVES AND CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION VALVES AND CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 3. MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 4. THE CONTRACTOR MAY ALSO BE REQUIRED TO HADD-WATER EXISTING PLANT MATERIAL AS REQUIRED IF THERE WILL BE A GRADE OR SUBRACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROPEMENTION TO THE EXISTING IRRIGATION SYSTEM AS INDUCIDENT LOCATED WHERE THERE WILL BE A GRADE OR SUBRACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROPEMENTION TO THE EXISTING IRRIGATION SYSTEM DARIAL CONTROL WIRE THERE WISTING IRRIGATION SYSTEM DARIAL CONTROL WIRE THERE WISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IRRECATION SHALL TON TO THE WARE MAD AND CONTROL WIRE	A LL PIE INSTALLED IN PAVING SHALL BE SLEVED (SEE LEGEND AND DETAILS) CONTACT_CORDAN SHOLD, DETAILTO, INSTORY REALTON AND THINK EXERTING REMAINED ASSISTENT_CORRACTION REPORTS TO REQUIRE ALL PAGE EXERTING REMAINED SYSTEM_CORRACTION, BEFORD THE REALTON AND THINK EXERTING REMAINED SYSTEM_CORRACTION, BEFORD THE REALTON AND THINK EXERTING REMAINED SYSTEM_CORRACTION, SYSTEM AS REQUIRED HARE CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING REMAINION AND SYSTEM AS REQUIRED HARE CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING REMAINION ANALLE PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING REMAINION ANALLE PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING REMAINION ANALLE PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING REMAINION ANALLE PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING SHALL PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING SHALL PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING SHALL PAKES OF CONTRACTOR SHALL BE DERIVED TO TANDO-ALTER EXERTING SHALL PAKES OF CONTRACTOR SHALL PAKE MODIFICATIONS TO THE EXERTING SHALL PAKES OF CONTRACTOR SHALL PAKE MODIFICATION SHALL PAKES OF CONTRACTOR TO THE EVENT UNLESS THE FLANG SHALL PAKE MODIFICATION SHALL PAKES OF CONTRACTOR OF THE AND PAKE DESTING FRANCHARIA ALL PAKES OF CONTRACTOR CONTRACTOR SHALL PAKE EXERTING SHALL PAKES OF CONTRACTOR AND CONTROL CONTRACTOR OF THE PAKE MODIFICATION SHALL PAKES OF CONTRACTOR CONTRACTOR OF THE PAKE MODIFICATION SHALL PAKES OF CONTRACTOR CONTRACTOR OF THE PAKE MODIFICATION SHALL PAKES OF CONTRACTOR CONTRACTOR OF THE PAKE MODIFICATION SHALL PAKES OF CONTRACTOR CONTRACTOR OF THE PAKE MODIFICATION SHALL PAKES OF CONTRACTOR CONTRACTOR OF THE PAKE MODIFICATION SHALL PAKES OF CONTRACTOR CONTRACTOR OF THE PAKE MODIFI	8.	ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURES SPECS.
COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND THING. EXISTING LIRRIGATION SYSTEM - OVERALL: 1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD WORKING CONDITION TO ENSURE THAT EXISTING RELATION EXISTENT FOR DURING ALL PHASES OF CONSTRUCTION. 2. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING RENGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION TONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT UNITED TO. RE-ROUTING EXISTING IRRIGATION STOTHE ASTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT UNITED TO. RE-ROUTING EXISTING IRRIGATION STOTHE EXISTING IRRIGATION STOTHE ASTRONG IRRIGATION SUBJECT UP OR EXAMPLE AS REQUIRED IF THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 3. MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 5. ANY EXISTING FLEAD, VALVE, VALVE MARCER, VALVE EXX, OR OTHER EXISTING IRRIGATION TADE. 5. ANY EXISTING FLEAD, VALVE, VALVE MARCER, VALVE EXX, OR OTHER EXISTING COMPTON LOCATED WHERE THERE HAD BERD ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHOW IT TO BE RELEXATED. REFERENCE NOTE SCHEDULE BROTECT IN PLACE EXISTING IRRIGATION SYSTEM MAINTAIN MATER SUPPLY TO EXISTING IRRIGATION SYSTEM MAINTAIN MATER SUPPLY TO EXISTING IRRIGATION SYSTEM MAINTAIN AND AND CONTROLLER IRREGATION IRREGATION SYSTEM MAINTAIN MATER SUPPLY TO EXISTING IRRIGATION SYSTEM AS RECORDED TO MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM AND RECONTROL WIRE EXISTING IRRIGATION SYSTEM TO MAINTAIN MATER SUPPLY	CORDINATE REGATION INSTALLATION, HETHODS OF INSTALLATION AND TIME. EXERCISE REGATION SYSTEM - OVERAL 1. THE CONTRACTOR SHALL THATE HOPFINE REPORTED ATOMAT OF MATER DURING ALL PARSES oF CONSTRUCTOR. 2. THE CONTRACTOR SHALL THATE HOPFINE REPORTED TO THE SYSTEM IN GOOD MORENE CORDITOR TO DECOMPOSE INFORMATION FAMILIES IN THE REPORTED TO THE SYSTEM REPORTED AS REQUERED MARKES OF CONSTRUCTOR. 3. THE CONTRACTOR SHALL THATE HOPFINE REPORTED TO THE SYSTEM REPORT AS A REQUERED MARKES OF CONSTRUCTOR. 4. THE CONTRACTOR SHALL THATE HOPFINE REPORTED TO THE SYSTEM REPORT AS REQUERED MARKES OF CONSTRUCTOR. 5. THE CONTRACTOR SHALL THATE HOPFINE REPORTED TO THE SYSTEM REPORT AS REQUERED FINATION VALUES AND CONTROL HERM, AND RECORDER TO UNAD-ANTER REPORTING FUNCTION THERE TO THE HOPFINE TO THE RESTRUM REPORT OF AND PREVIOUSLY UNSTED ARE NOT THADE. 5. THE CONTRACTOR HAVE AS DE REQUERED TO UNAD-ANTER REPORTING FUNCTION FOR THE THADE. 5. ANT DISTING HORA, ON LIV, AUXY MARKE, WAVE BOX, OR OTHER RISTING FUNCTION THADE. 5. THE CONTRACTOR HAVE AS DE REQUERED TO UNAD-ANTER REPORTING CAULES THE THADE. 5. THE CONTRACTOR HAVE HAVE THE REPORT OF ADD PREVIOUSLY UNSTED ARE NOT THADE. 5. THE CONTRACTOR HAVE AS DE REQUERED TO UNAD-ANTER REPORTING CAULES TO THE OWNER UNLESS THE THADE CONTROL REPORT TO THE AND MARKES WAVE BOX. 5. THE CONTRACTOR HAVE AS DE REQUERED TO MARKE AND LORDER AND AND CONTROL HERE THE PROPERTION IN RELATION FAILURE AND CONTROL HERE THE PROPERTION IN RELATION STATISTIC DURING ALL PRAGES OF CONSTRUCTION 5. CONTROL HARD, VALVE, ADD RECONTED TO HAVE AND AND CONTROL HERE THE REPORT THIS INALL FUNCTION HARDING AND RECONTED TO HARDING ALL PRAGES TO CONTROL HARD, MARKE AND CONTROL HERE THE AD PLACE ENSTING MAINES AND CONTROL HERE THE AD PLACE IN A INCLURE SATISTIC TO HARDING AND PLACE IN A READ AND CONTROL HERE THE REPORT TO THE ADD HARDING ADD PLACE IN A READ TO THE ADD HARDING ADD PLACE IN A READ ADD CONTROL HERE THE AD PLACE IN A INCLURE SATISTIC MARKES AND RECORD IN A SHALL PHARES TO THE AD PLACE IN A INCLURE SAT	9. 10	ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). CONTACT JORDAN SCHOOL DISTRICT IRRIGATION FOREMAN PRIOR TO BEGINNING IRRIGATION WORK TO
1. THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD NORKING CONDITION TO ENSURE THAT EXISTING PLANT MATERIAL RECEIVES THE PROPER AMOUNT OF WATER DURING ALL PHASES OF CONSTRUCTION. 2. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION. 3. MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM TAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING EXISTING IRRIGATION SYSTEM TAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING EXISTING IRRIGATION SYSTEM TAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING EXISTING IRRIGATION SYSTEM TAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING EXISTING IRRIGATION SYSTEM TAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 5. ANY EXISTING HAY ALSO BE REQUIRED TO HAND-MATER EXISTING PLANT INTERNAL CARED BUT INCLUES THADE. B 5. ANY EXISTING HAD, VALVE, VALVE MAKER, VALVE BOX, OR OTHER EXISTING EQUIPMENT LOCATED WHERE THER WILL BE A GADE OR SURFACE MATERIAL CHARGE, SHALL BE ADJUSTED UP OR DOWN TO THE RELATION TO THE NEW FINISHED GRADE, AT NO ADDITIONAL COST TO THE OWNER, WALESS THE PLANS SHOULT TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT THADE. 5. MARY EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IRRIGATION IRRIGATION IN RELATION TO THE NEW EXISTING IRRIGATION SYSTEM MATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IRRIGATION DESCRIPTION IRRIGATION DESCRIPTION <t< td=""><td>THE CONTRACTOR SHALL MARTAN THE EXISTING TRIGATION SYSTEM IN GOOD MORKING CONSTICUT. THE CONTRACTOR SHALL MARE MODERATIONS TO THE EXISTING MARTING ANY TEM AS REQUIRED ANERE THE CONTRACTOR SHALL MARE MODERATIONS TO THE EXISTING MARTING MODERATION THE CONTRACTOR SHALL MARE MODERATIONS TO THE EXISTING MARTING MODERATION THE CONTRACTOR SHALL MARE MODERATIONS FOR THE ASKING MARTING THE CONTRACTOR NAME REGISTING MARTING MARTING MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED TO MARCHARING MARTING THE CONTRACTOR NAME REGISTING MARTING MARTING MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED TO MARCHARING MARTING THE CONTRACTOR NAME AND ADDITED AND ADDITED AND ADDITED AND RECOMMENT THE CONTRACTOR NAME AND ADDITED AND ADDITED AND RECOMMENT TO THE MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED AND ADDITED AND RECOMMENT THE MARTING MARTING MARTING MARTING MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED AND ADDITED AND RECOMMENT TO THE MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED AND RECOMMENT TO THE MARTING MARTING MARTING THE MARTING MARTING MARTING MARTING MARTING MARTING THE MARTING MARTING MA</td><td><u>EXI</u></td><td>COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMING.</td></t<>	THE CONTRACTOR SHALL MARTAN THE EXISTING TRIGATION SYSTEM IN GOOD MORKING CONSTICUT. THE CONTRACTOR SHALL MARE MODERATIONS TO THE EXISTING MARTING ANY TEM AS REQUIRED ANERE THE CONTRACTOR SHALL MARE MODERATIONS TO THE EXISTING MARTING MODERATION THE CONTRACTOR SHALL MARE MODERATIONS TO THE EXISTING MARTING MODERATION THE CONTRACTOR SHALL MARE MODERATIONS FOR THE ASKING MARTING THE CONTRACTOR NAME REGISTING MARTING MARTING MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED TO MARCHARING MARTING THE CONTRACTOR NAME REGISTING MARTING MARTING MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED TO MARCHARING MARTING THE CONTRACTOR NAME AND ADDITED AND ADDITED AND ADDITED AND RECOMMENT THE CONTRACTOR NAME AND ADDITED AND ADDITED AND RECOMMENT TO THE MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED AND ADDITED AND RECOMMENT THE MARTING MARTING MARTING MARTING MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED AND ADDITED AND RECOMMENT TO THE MARTING MARTING MARTING THE CONTRACTOR NAME AND ADDITED AND RECOMMENT TO THE MARTING MARTING MARTING THE MARTING MARTING MARTING MARTING MARTING MARTING THE MARTING MARTING MA	<u>EXI</u>	COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMING.
0r ECR5TRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE 21. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE 22. THE CONTRACTOR SHALL MAKE MODIFICATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING 23. MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO. RE-ROUTING 24. THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-MATER RISTING PLANT MATERIAL AS REQUIRED IF 25. ANT EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING EQUIPMENT LOCATED WHERE 26. THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-MATER RISTING PLANT MATERIAL AS REQUIRED IF 27. THE HODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 28. ANT EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING EQUIPMENT LOCATED WHERE 29. THERE WILL BE A GRADE OR SUBFACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS 20. PROFILE B 20224-01-19 10:18 STITED IN RELATION TO THE EXISTING IRRIGATION SYSTEM MA ADDITIONAL COST TO THE OWNER, IRRIGATION STITED IN RELATION TO THE EXISTING IRRIGATION SYSTEM MA ADDITIONAL COST TO THE OWNER, IRRIGATION STITED IN RELATION TO THE EXISTING IRRIGATION SYSTEM, MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM TO ACCOMDATE PROPOSED IRRIGATION SYSTEM TO ACCOMDATE PROPOSED <td>THE CONTRACTOR THE CONTRACTOR TO THE EVENTING LERGATION SYSTEM AS REQUIRED IMPERE EVENTING REAGATION SOLES WILL BE DISPUTED DUE TO PROPOSED CONTRUCTION. ADDICATIONS TO THE EXESTING, REGATION SYSTEM AN INCLUEE BUT IS NOT LIMITED TO. RE-ROTING EVENTING REAGATION MORE AND LATERAL LIMES, RELACTING BUTSING IRRIGATION VALVES AND CONTROL NERK, AND RELACATING EVENTING IRRIGATION SYSTEM AS PROVIDED LIFED ASE NOT THORE THE CONTROL NERK, VALVE, VALVE MARKER, VALVE BOX, OR OTHER PROTING CUNTON THE WATCH SYSTEM AS PROVIDED LIFED ASE NOT THORE THE CONTROL NERK, VALVE, VALVE MARKER, VALVE BOX, OR OTHER PROTING CUNTON THE WATCH SYSTEM THE CONTROL NERK PARKER, VALVE BOX, OR OTHER PROTING CONTROL THE AND RELACTION TO THE WATCH SYSTEM AS PROVIDED LIFED ASE NOT THORE THE PROTECT IN PLACE EVENTION OF RELACES, AT NO ADDITIONAL COST TO THE AVER NULSSENTER WATCH SYSTEM AND RECONNECT TO MAINTAIN WATCH SUPPLY TO EVENTING IRREATION SYSTEM AND RECONNECT TO MAINTAIN WATCH SUPPLY TO EVENTION IRREATION SYSTEM AND RECONNECT TO MAINTAIN WATCH SUPPLY TO RECOVER DUSTING IRREATION SYSTEM TO ALCONTROL HER THEORY PROTECT IN PLACE EXISTING IRREATION SYSTEM TO ALCONTROL WATCH CONTROL WATCH SYSTEM AND CONTROL WATCH SYSTEM TO ALCONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINTE AND CONTROL WATCH CONTROL WITH DISTING IRREATION SYSTEM TO ALCONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH CONTROL WITH DISTING IRREATION SYSTEM AND RECONDERCI TO MAINLINE AND CONTROL WITH DISTING IRREATION VALVES AND RECONDERCI TO MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINTION INTO THE WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINTION INTO THE WATCH SYSTEM THEORY PROTECT IN PLACE INSTING MAINTION INT</td> <td>1.</td> <td>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</td>	THE CONTRACTOR THE CONTRACTOR TO THE EVENTING LERGATION SYSTEM AS REQUIRED IMPERE EVENTING REAGATION SOLES WILL BE DISPUTED DUE TO PROPOSED CONTRUCTION. ADDICATIONS TO THE EXESTING, REGATION SYSTEM AN INCLUEE BUT IS NOT LIMITED TO. RE-ROTING EVENTING REAGATION MORE AND LATERAL LIMES, RELACTING BUTSING IRRIGATION VALVES AND CONTROL NERK, AND RELACATING EVENTING IRRIGATION SYSTEM AS PROVIDED LIFED ASE NOT THORE THE CONTROL NERK, VALVE, VALVE MARKER, VALVE BOX, OR OTHER PROTING CUNTON THE WATCH SYSTEM AS PROVIDED LIFED ASE NOT THORE THE CONTROL NERK, VALVE, VALVE MARKER, VALVE BOX, OR OTHER PROTING CUNTON THE WATCH SYSTEM THE CONTROL NERK PARKER, VALVE BOX, OR OTHER PROTING CONTROL THE AND RELACTION TO THE WATCH SYSTEM AS PROVIDED LIFED ASE NOT THORE THE PROTECT IN PLACE EVENTION OF RELACES, AT NO ADDITIONAL COST TO THE AVER NULSSENTER WATCH SYSTEM AND RECONNECT TO MAINTAIN WATCH SUPPLY TO EVENTING IRREATION SYSTEM AND RECONNECT TO MAINTAIN WATCH SUPPLY TO EVENTION IRREATION SYSTEM AND RECONNECT TO MAINTAIN WATCH SUPPLY TO RECOVER DUSTING IRREATION SYSTEM TO ALCONTROL HER THEORY PROTECT IN PLACE EXISTING IRREATION SYSTEM TO ALCONTROL WATCH CONTROL WATCH SYSTEM AND CONTROL WATCH SYSTEM TO ALCONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINTE AND CONTROL WATCH CONTROL WITH DISTING IRREATION SYSTEM TO ALCONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH CONTROL WITH DISTING IRREATION SYSTEM AND RECONDERCI TO MAINLINE AND CONTROL WITH DISTING IRREATION VALVES AND RECONDERCI TO MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINTION INTO THE WATCH SYSTEM THEORY PROTECT IN PLACE EXISTING MAINTION INTO THE WATCH SYSTEM THEORY PROTECT IN PLACE INSTING MAINTION INT	1.	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
AND THE TANK DATE OF DIAL OF DIAL TO DO TO TOTOTODED CONSTRUCTION SUBJECT TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: RE-ROUTING EXISTING IRRIGATION MAILINES AND LATERAL LINES EXISTING IRRIGATION VALVES AND CONTROL WIRNG, 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 MILL BE A GRADE OR SURFACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROFER POSITION IN RELATION TO THE NEW FINISHED GRADE, AT NO ADDITIONAL COST TO THE CANER, UNLESS THE FLANS SHOW IT TO BE RELOCATED. REFERENCE NOTE SCHEDULE IRRIGATION 2024-01-19 10:18 IRRIGATION 2024-01-19 10:18 IRRIGATION DESCRIPTION IR-O2 RELOCATE EXISTING IRRIGATION SYSTEM, MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IR-O2 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER INFROVEMENTS. IR-O3 RECOTE EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS. RECO4 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-O5 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-O5 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-O6 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-O5 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-O6 REROUTE EXISTING MAINLINE AND CONTROL WIRE IR-O6 REPOTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-O6 REPOTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-O6 REPOTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-O6 ROD FLACXZ-100-PRB-COM 1' Area for Drip Emilters 173 30 ARIB BIR XCZ-100-PRB-COM 1' Area for Drip Emilters 173 30 ARIB BIR XCZ-100-PRB-CO	THE CONTRACTOR WATCH ALL OF UNABLIES UNDER TO APPORT DATABATE UNDER THE ACTION OF ALL STATUS OF A CONTRACTOR THAN HARDER AND LEFEAL LIFE, RELOCATING REGATION MALVES AND CONTRACTOR THAN ALSO BE REQUERD TO HAND-ALTER EXEMPTION FALLES. THE CONTRACTOR THAT ALSO BE REQUERD TO HAND-ALTER EXEMPTION FALLES REQUERD IF THE HOODRATIONS FOR THAT ALSO BE REQUERD TO HAND-ALTER EXEMPTION FALLES. ANY POSTING HEAD, VALVE YAVE, MARKEN ALVEE DV, OR OTHER LISTED ARE NOT THADE. ANY POSTING IN RELATION TO THE NEW FINISHING CRADE, AT NO ADDITIONAL COST TO THE OWNER THE RELATION STATEM AS PREVIOUSLY LISTED ARE NOT THADE. REPORT ROADING IN RELATION TO THE NEW FINISHING CRADE, AT NO ADDITIONAL COST TO THE OWNER THE RELATION STATEM TO ALCOMOLIL COST TO THE OWNER THE PLANE SHOW IT TO BE RELACATED. REFERENCE NOTE SCHEDULE REGATION REGATION REGATION REGAT	2.	OF CONSTRUCTION. THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISPURTED DUE TO PROPOSED CONSTRUCTION
CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION HEADS. 4. THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-WATER EXISTING PLANT MATERIAL AS REQUIRED IF 5. ANY EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING FOURMENT LOCATED WHERE 5. ANY EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING FOURMENT LOCATED WHERE 7. THERE WILL BE A GRADE OR SURFACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS 7. PROFERENCE NOTED SCHEDULE BEREFERENCE NOTE SCHEDULE REFERENCE NOTE SCHEDULE BEREFERENCE NOTE SCHEDULE SYMBOL DESCRIPTION IRRIGATION RELOCATE EXISTING IRRIGATION SYSTEM, MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION RELOCATE EXISTING VALVES AND RECONNECT TO MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION RELOCATE EXISTING MAINLINE AND CONTROLLER WIRE IRROCT E XISTING MAINLINE AND CONTROLLER WIRE IRROCT E XISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX, RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. VALVE SCHEDULE VALVE SCHEDULE VALVE SCHEDULE	CONTROL WRING, AND RELOCATING EXISTING TRANSFORMER EXISTING PLANT MATERIAL AS REQUIRED IF THE CONTRACTOR TO THE EXISTING REMAIN STREMA SPRENDER WIT MATERIAL AS REQUIRED IF THE CONTRACTOR TO THE EXISTING REMAIN STREMA SPRENDER AND THE ADDITIONAL LOSS TO THE MANNER MEMBER MILL BE A GRADE ON SUMPLICE MATERIAL CANAGE, SHALL BE ADDITIONAL LOSS TO THE OWNER MILESS THE PLANS SHOLL TO SE RELOCATED. REGENTION RECOIL REMAINS SHOLL TO SE RELOCATED. REGENTION RECOIL REMAINS SHOLL TO SE RELOCATED. RECOIL REMOVE STREME AND RECONSECT TO MAINTAIN WATER SUPPLY TO EXISTING, IRREGATION SYSTEM DURING, ALL PHASES OF CONSTRUCTION RECOIL RELOCATE EXISTING VALVES AND RECOMPECT TO MAINTAIN WATER SUPPLY TO EXISTING, IRREGATION SYSTEM DURING, ALL PHASES OF CONSTRUCTION RECOIL RELOCATE EXISTING VALVES AND RECOMPECT TO MAINTAIN WATER SUPPLY TO EXISTING, IRREGATION SYSTEM DURING, ALL PHASES OF CONSTRUCTION RECOIL RELOCATE EXISTING VALVES AND RECOMPECT TO MAINTAIN WATER SUPPLY TO EXISTING, IRREGATION SYSTEM ADDITIONAL CONTROLLER RECOIL RELOCATE EXISTING VALVES AND RECOMPECT TO MAINTAIN WATER SUPPLY TO EXISTING, IRREGATION SYSTEM ADDITIONAL CONTROLLER RECOIL RELOCATE EXISTING VALVES AND RECOMPECT TO MAINTIME AND ADD CONTROLLER RECOIL RELOCATE EXISTING VALVES AND RECOMPECT TO MAINTIME AND CONTROL RECOIL RELOCATE EXISTING MAINTIME AND CONTROL HIRE RECOIL RECOIL IN PLACE EXISTING MAINTIME AND CONTROL HIRE RECOIL CONTROL IN PLACE EXISTING MAINTIME AND CONTROL HIRE RECOIL CONTROL WITH ADDITION TO VALVE BOX. 2024-01-19 10:11 /ALVE SCHEDULE //ALVE SCHEDUC //ALVE SCHEDUC //ALVE SCHEDUC //ALVE SCHEDUC //	3.	MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: RE-ROUTING EXISTING IRRIGATION MAINLINES AND LATERAL LINES. RELOCATING FXISTING IRRIGATION VALVES AND
THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE. 5. 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 ENAFINISHED GRADE, AT NO ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHOW IT TO BE RELOCATED. REFERENCE NOTE SCHEDULE BEREFERENCE NOTE SCHEDULE SYMEDI. DESCRIPTION SYMEDI. DESCRIPTION IRRIGATION SYSTEM MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IR-02 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IR-03 MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS. IR-04 REROUTE EXISTING MAINLINE AND CONTROL WIRE IR-04 REPOTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-04 REQUTE EXISTING MAINLINE AND CONTROL WIRE IR-04 IRE-05 PROTECT IN PLACE EXISTING MAINLINE AND	THE MODIFICATIONS TO THE EXISTING RERATION SYSTEM AS PREVIOUSLY LISTED ARE NOT TAKE. A WE DISTING HEAD, VALVE, VALVE MARKER, VALVE BAC, OR OTHER EXISTING EQUIPHENT LOCATED HHERE THERE HILL BE A GRAZE OR SUPRACE MISSING CARDE, AT NO ADDITIONAL COST TO THE OWNER, UNLESS THE TAKES SUCH TO BE RELOCATED. REFERENCE NOTE SCHEDULE REPERING ENGINE SCHEDULE RERATION STIED RERATION RELATION TO THE EXISTING REGATION SYSTEM HAINTAIN MATER SUPPLY TO EXISTING REGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION RELOCATE EXISTING VALVES AND RECONNECT TO MAINTAIN MATER SUPPLY TO EXISTING REGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION RELOCATE EXISTING VALVES AND RECONNECT TO MAINTAIN MATER SUPPLY TO EXISTING RERATION SYSTEM DURING ALL PHASES OF CONSTRUCTION RELOCATE EXISTING VALVES AND RECONNECT TO MAINTAIN MATER SUPPLY TO EXISTING RERATION SYSTEM DURING ALL PHASES OF CONSTRUCTION RELOCATE EXISTING VALVES AND RECONNECT TO MAINTAIN MATER SUPPLY TO EXISTING RERATION SYSTEM TO ACCOMODATE PROPOSED MODE/YREPARE EXISTING VALVES AND RECONNECT TO MAINTER AND AND CONTROLLER RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTE AND CONTROLLER WIRE RECOT PROTECT IN PLACE EXISTING MAINTER AN RECESSARY. 2024-81-19 18:1 CALVE SCHEDULE CAP OFF EXISTING REGATION SYSTEM MAINTER AS RECESSARY. 2024-81-19 18:1 CALVE SCHEDULE CAP OFF EXISTING REPERING IN THE AND PLACE	4.	CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION HEADS. THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-WATER EXISTING PLANT MATERIAL AS REQUIRED IF
TYPEE HATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROPER POSITION IN RELATION TO THE NEW HILSHED GRADE, AT NO ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHOW IT TO BE RELOCATED. REFERENCE NOTE SCHEDULE STIED PROTECT IN PLACE EXISTING IRRIGATION SYSTEM. MAINLINE AND AND CONTROLLER IR-02 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND CONTROLLER IR-03 MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMDATE PROPOSED IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY.<	THEER MILL BE A GRADE OR SURFACE MATERIAL CHANGE, SHALL BE ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHALL TO BE RELECATED. B REFERENCE NOTE SCHEDULE B 2024-0'19:10:18 2024-0'19:10:18 STERO DESCRIPTION IR-OPER PROVED DESCRIPTION IR-OPER PROVECT IN PLACE EXISTING IRRIGATION SYSTEM: MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IR-OPER PROVENTIAS PROTECT IN PLACE EXISTING VALVES AND RECONNECT TO MAINLINE AND ADD CONTROLLER IR-OPER PROVENTIAS IRRIGATION SYSTEM DURING LARING AND CONTROLLER WIRE IR-OPER PROVENTIAS REQUER RESISTING VALVES AND RECONNECT TO MAINLINE AND CONTROL WIRE INFORMATION SYSTEM THALLINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 HIGH ROUND VALVE BOX, RECORD ON AS BUILT DRAWINGS. CORDONATE WITH DISTRUCT. REPAR AS NECESSARY. Z024-01-13 10:11 /ALVE SCHEDULE C VIMBER MODEL VIMBER MODEL VIMBER MODEL Rain Bird XC2-00-PRB-COM I'' Area for Drip Emilters VIMBER MODEL Stain Bird XC2-00-PRB-COM I'' Area for Drip Emilters 2 Rain Bird XC2-00-PRB-COM 3 Rain Bird XC2-00-PRB-COM 4 Rain Bird XC2-00-PRB-COM	5.	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
REFERENCE NOTE SCHEDULE B 2024-01-19 10:18 SYMBOL DESCRIPTION IR-01 PROTECT IN PLACE EXISTING IRRIGATION SYSTEM, MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IR-02 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IR-03 MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS. IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. VALVE SCHEDULE VALVE SCHEDULE VALVE SCHEDULE Imported in gind XCZ-100-PRB-COM 1 Area for Drip Emilters 1.73 30 2 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emilters 1.39 30 3 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emilters 1.39 30 30 30 30 30 30 30 30 30 30 30 30	REFERENCE NOTE SCHEDULE B SYTEQL VEX-01-19 T2111 SYTEQL DESCRIPTION IF-07 EXECUTE EXISTING IRRIGATION SYSTEM MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IF-07 ELCCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER INFROVEMENTS. IF-07 PROTECT IN PLACE EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED INFROVEMENTS. IF-07 PROTECT IN PLACE EXISTING MAINLINE AND CONTROLLER WIRE IF-07 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IF-07 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IF-07 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE CONDINATE WITH DISTRUCT. REPAIR AS NECESSARY. 2024-01-19 101 ALVE SCHEDULE C VMBBER MODEL NUMBER MODEL Rain Bird XC2-100-PRB-COT If Area for Drip Emilters 1.73 San Bird XC2-100-PRB-COT If Area for Drip Emilters 6.34 San Bird XC2-100-PRB-COT If Area for Drip Emilters 6.34 San Bird XC2-100-PRB-COT If Area for Drip Emilters 6.46 <		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.
IRRIGATION IRRIGATION SYMBOL DESCRIPTION IR-01 PROTECT IN PLACE EXISTING IRRIGATION SYSTEM, MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IR-02 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IR-03 MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS. IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROLLER WIRE IR-06 CAP OFF EXISTING MAINLINE AND CONTROLLER WIRE IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. 2024-01-19 10:12 VALVE SCHEDULE VALVE SCHEDULE SIZE TYPE GPM DESIGN PSI 1 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.33 30 2 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.34 30 3 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30	Image: ADD Description STIER: DESCRIPTION Image: ADD Description Image: ADD Description	R	EFERENCE NOTE SCHEDULE B
Image: State in the state	IS-OI PROTECT IN PLACE EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION IS-OI RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IS-OI RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IS-OI RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IS-OI RELOCATE EXISTING MAINLINE AND CONTROLLER WIRE IS-OI PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IS-OI PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IS-OI CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 91 INCH ROWD VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSART. VALVE SCHEDULE C VALVE SCHEDULE C NUMBER MODEL SIZE TYPE GPM DESIGN PSI Rain Bird XC2-000-PR8-COM I* Area for Drip Emitters 6.33 30 30 30 33 30 33 <		<u>IRRIGATION</u> <u>SYMBOL</u> <u>DESCRIPTION</u> 2024-01-19 10:18
IR-02 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IR-03 MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS. IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. 2024-01-19 10:18 VALVE SCHEDULE C NUMBER MODEL I Rain Bird XCZ-100-PRB-COM I Rain Bird XCZ-100-PRB-COM I Rain Bird XCZ-100-PRB-COM I Area for Drip Emitters I Rain Bird XCZ-100-PRB-COM I Area for Drip Emitters I Rain Bird XCZ-100-PRB-COM I Area for Drip Emitters I Rain Bird XCZ-100-PRB-COM I Area for Drip Emitters I Rain Bird XCZ-100-PRB-COM I Area for Drip Emitters I Rain Bird XCZ-100-PRB-COM I Area for Drip Emitters I Rain Bird YCZ-100-PRB-COM	IN-02 RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER IN-02 MODEFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED INFROVEMENTS. REPORTE EXISTING MAINLINE AND CONTROLLER WIRE IN-02 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE INFO/E PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE INFO/E CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX, RECORD ON AS BUILT DRAWNES, CORDINATE WITH DISTRICT, REPAIR AS NECESSARY. 2024-81-15 IO VALVE SCHEDULE C C NUMBER MODEL Roin Bird XC2-100-PRB-COM 1 Area for Drip Emitters 0.53 Roin Bird XC2-100-PRB-COM 1 Area for Drip Emitters 0.53 Roin Bird XC2-100-PRB-COM 1 Area for Drip Emitters 0.53 Roin Bird XC2-100-PRB-COM 1 Area for Drip Emitters 0.53 Roin Bird XC2-100-PRB-COM 1 Area for Drip Emitters 0.54 Roin Bird XC2-100-PRB-COM 1 Area for Drip Emitters 0.46 Roin Bird XC2-100-PRB-COM		IR-OI PROTECT IN PLACE EXISTING IRRIGATION SYSTEM. MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION
IR-03 MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS. IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. VALVE SCHEDULE C NUMBER MODEL 1 Rain Bird XCZ-100-PRB-COM 2 1 Rain Bird XCZ-100-PRB-COM 3 2 Rain Bird XCZ-100-PRB-COM 4 2 Rain Bird XCZ-100-PRB-COM 5 3 Rain Bird XCZ-100-PRB-COM 4 4 Rain Bird XCZ-100-PRB-COM 5 4 Rain Bird XCZ-100-PRB-COM 4 5 Rain Bird XCZ-100-PRB-COM 5 6 Rain Bird XCZ-100-PRB-COM 5	IR-03 MODIFY/REPAR EXISTING IRRIGATION SYSTEM TO ACCONDUTE PROPOSED INPROVEMENTS. IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-06 CAP OF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX, RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. 2024-01-19 10:1 VALUE SCHEDULE C VMIBER MODEL NUMBER MODEL SIZE Nam Bird XC2-100-PRB-COM 1" Area for Drip Emilters 1.73 30 Rain Bird XC2-100-PRB-COM 1" Area for Drip Emilters 6.39 30 Rain Bird XC2-100-PRB-COM 1" Area for Drip Emilters 6.46 30 SCALE AND NORTH ARROW		RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER
IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. 2024-01-19 10:18 VALVE SCHEDULE NUMBER MODEL SIZE TYPE GPM DESIGN PSI 1 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 1.73 30 2 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 3 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 4 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 4 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 5 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.46 30 6 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30	IR-24 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-25 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE IR-26 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX, RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. 2224-01-19 12:1 VALVE SCHEDULE CAP OFF EXISTING YEAR AS NECESSARY. 2224-01-19 12:1 VALVE SCHEDULE VALVE SCHEDULE NUMBER MODEL SIZE TYPE Rain Bird XCZ-100-PRB-COM 1' Area for Drip Emilters 10 Rain Bird XCZ-100-PRB-COM 1' Area for Drip Emilters 6.33 2 Rain Bird XCZ-100-PRB-COM 1' Area for Drip Emilters 12.92 30 3 Rain Bird XCZ-100-PRB-COM 1' Area for Drip Emilters 6.46 30 SCALE AND NORTH ARROW D		IR-03MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSEDIMPROVEMENTS.
IR-06 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY. VALVE SCHEDULE C NUMBER MODEL SIZE TYPE GPM DESIGN PSI 1 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 1.73 30 2 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.39 30 3 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 1.73 30 4 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 4 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 5 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 12.92 30 5 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 12.92 30 6 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30	IR-260 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LIKE, TERMINATE EXISTING CONTROL IR-260 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LIKE, TERMINATE EXISTING CONTROL IR-260 NUMBER PLACE IN 9 INCH ROUND VALVE BOX, RECORD ON AS BUILT DRANINGS. IR-260 CAP OFF EXISTING IRRIGATION SYSTEM MAIN LIKE, TERMINATE EXISTING CONTROL NUMBER VALVE SCHEDULE C VALVE SCHEDULE C NUMBER MODEL SIZE TYPE GPM PESIGN PSI 2 Rain Bird XCZ-100-PRB-COM If Area for Drip Emilters 0.33 30 3 Rain Bird XCZ-100-PRB-COM If Area for Drip Emilters 0.53 30 3 Rain Bird XCZ-100-PRB-COM If Area for Drip Emilters 0.4 30 4 Rain Bird XCZ-100-PRB-COM If Area for Drip Emilters 0.4 30 5 Rain Bird XCZ-100-PRB-COM If Area for Drip Emilters 6.46 30 6 Rain Bird XCZ-100-PRB-COM If Area for Drip Emilters 6.46 30		IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE
VALVE SCHEDULE SIZE TYPE GPM DESIGN PSI 1 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 1.73 30 2 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 3 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 4 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 5 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 6 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 6 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.646 30	VALVE SCHEDULE SIZE TYPE GPM DESIGN PSI NUMBER MODEL SIZE TYPE GPM DESIGN PSI 2 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0.33 30 3 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0.33 30 4 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0.53 30 5 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0.43 30 6 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0.46 30 6 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6.46 30		CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY.
NUMBERMODELSIZETYPEGPMDESIGN PSI1Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters1.73302Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters6.39303Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters0.53304Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters12.92305Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters12.92306Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters6.4630	NUMBER MODEL SIZE TYPE GPM DESIGN PSI 2 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 1,73 30 3 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0,53 30 4 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 1,73 30 5 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 1,292 30 6 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6,46 30 6 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6,46 30	\bigvee	ALVE SCHEDULE
1Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters1.73302Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters6.39303Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters0.53304Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters12.92305Rain Bird YCZ-100-PRB-COM1"Area for Drip Emitters12.92305Rain Bird YCZ-100-PRB-COM1-1/2"Area for Drip Emitters6.4630	Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 1.73 30 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6.34 30 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 0.53 30 A Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 12.92 30 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 12.92 30 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6.46 30 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6.46 30 Rain Bird XCZ-100-PRB-COM I* Area for Drip Emitters 6.46 30 Scale And North Arrow D D D D		JMBER MODEL SIZE TYPE GPM DESIGN PSI
3Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters0.53304Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters12.92305Rain Bird PEB-PRS-D1-1/2"6Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters6.4630	3 Rain Bird X(Z-100-PKB-COM) 1" Area for Drip Emitters 0.33 30 5 Rain Bird YCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30	1 2	Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters1.7330Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters6.3930Dia Dia Dia Dia Dia Dia Dia Dia Dia Dia
6 Rain Bird XCZ-100-PRB-COM " Area for Drip Emitters 6.46 30	6 Roin Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30 <u>SCALE AND NORTH ARROW</u> D	3 4 5	Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 0.53 30 Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 12.92 30 Rain Bird PEB-PRS-D 1-1/2"
	SCALE AND NORTH ARROW	6	Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30
	SCALE AND NORTH ARROW		
	SCALE AND NORTH ARROW D		
	SCALE AND NORTH ARROW D		
	SCALE AND NORTH ARROW		
	SCALE AND NORTH ARROW		
	SCALE AND NORTH ARROW		
	SCALE AND NORTH ARROW		
	DUALE AND NURTH ARROW		$\Delta I = \Delta N D N D D D D D D D D D D D D D D D D$
		-)(JALE AND NURTH ARRUN
SCALE AND NORTH ARROW			

Richard I Gilbert No. 5734299

ylor entworth un d rchitects

rc Sitio esign, Inc ape Architecture & Architectural Site Design ast 2100 south, Salt Lake City, Utah 84106 8 801.487.4923 fax 801.466.3046

n School District South Redwood Road Jordan, Utah 84088

t For

rdan hool District ard of ucation

uth Jordan ddle School rking Lot Addition 5 South 2700 West h Jordan, Utah

Documents

nuary 22, 2024

Jumber

IRRIGATION PLAN

1.	
	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 MATERIALS REQUIRED.
2.	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.
3.	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.
4.	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 CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
5.	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
6.	IRRIGATION SYSTEM IS TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
7.	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.
8.	ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURES SPECS.
9. 10.	ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS). CONTACT JORDAN SCHOOL DISTRICT IRRIGATION FOREMAN PRIOR TO BEGINNING IRRIGATION WORK TO
<u>EXI</u>	COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMING.
1.	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.
2.	THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION.
3.	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
4.	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.
5.	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.
RE	FERENCE NOTE SCHEDULE B
	2024-01-19 10:18 SYMBOL DESCRIPTION
	STILLE DESCRIPTION IR-OI PROTECT IN PLACE EXISTING IRRIGATION SYSTEM. MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION
	RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER
	MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS.
	IR-04 REROUTE EXISTING MAINLINE AND CONTROLLER WIRE IR-05 PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE
	CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS.
	2024-01-19 10:18
\vee	ALVE SCHEDULE C
<u>NL</u> 1	IMBER MODEL SIZE TYPE GPM DESIGN PSI Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 1.73 30
2 3 4	Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters6.3930Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters0.5330Rain Bird XCZ-100-PRB-COM1"Area for Drip Emitters12.9230
	Rain Bird PEB-PRS-D 1-1/2" Rain Bird XCZ-100-PRB-COM 1" Area for Drip Emitters 6.46 30

LANDSCAPE A Richard L. Gilbert No. 5734299 Jon. 22, 2024

ylor ntworth d chitects

School District uth Redwood Road rdan, Utah 84088

lan ool District rd of cation

h Jordan lle School ing Lot Addition outh 2700 West ordan, Utah

ase ocuments

nher

IRRIGATION PLAN

INSTALLATION CHART

REFER TO THE FOLLOWING TABLE WHICH LISTS THE NUMBER OF BOLTS, SIZE, AND TORQUE FOR EACH BOLT IN REFERENCE TO THE SIZE OF PIPE WHICH IS BEING RESTRAINED. AS AN EXAMPLE, IF YOU HAVE A 3" PIPE, YOU WILL NEED 2 BOLTS THAT ARE 3/8 X 2.5" AND TIGHTEN THEM WITH A TORQUE WRENCH TO 20 FT-LBS.

_				
	PIPE	NO.	BOLT	TORQUE
	SIZE	BOLTS	SIZE	FT-LBS.
	3"	2	3/8" x 2.5"	20
	4"	2	1/2" x 3"	50
	6"	2	1/2" x 3.5"	50
	8"	4	1/2" x 4"	50
	10"	4	5/8" x 5.5"	100
	12"	4	5/8" x 5.5"	100

DISTANCE CHART

REFER TO THE FOLLOWING TABLE THAT LISTS THE LENGTH (IN FEET) FOR EACH SIZE/TYPE FITTING WITHIN WHICH ALL JOINTS JUST BE RESTRAINED. ALL FITTINGS AND JOINT RESTRAINTS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS & SPECIFICATIONS.

AS AN EXAMPLE, IF YOU ARE INSTALLING A 3" MAINLINE WITH A DIRECTIONAL CHANGE OF 90°, REFER TO CHART UNDER PIPE SIZE TO 3" AND UNDER BENDS 90 YOU WILL SEE THE DISTANCE OF 11'. IF THERE IS ANY JOINT (VALVE, BELL, ETC.) YOU MUST INSTALL A JOINT RESTRAINT WITHIN II' OF THE 90° MAINLINE DIRECTIONAL CHANGE.

PIPE		В	ENDS	1		REDUCERS		DEAI	D END
SIZE	11°	22°	45°	90°	1 STEP	2 STEP	3 STEP	BLIND	SERV. B.
3" 4" 6" 8" 10" 12"	2' 2' 3' 4' 5'	3' 4' 6' 8' 9' 10'	6' 9' 13' 15 19' 21'	11' 20' 29' 38' 45' 53'	8' 14' 30' 33' 36' 38'	10' 20' 40' 55' 56' 60'	- 31' 53' 63' 75' 83'	30' 45' 63' 75' 96' 112'	15' 25' 40' 70' 90' 110'

THESE CHARTS ARE BASED ON USE OF LEEMCO PRODUCTS, AND PROVIDED AS REFERENCE ONLY. CONTRACTOR SHALL CONTACT CORRESPONDING MANUFACTURER REPRESENTATIVE FOR PROPER CHARTS, TRAINING AND CERTIFICATION IF OTHER PRODUCTS ARE SUBMITTED AND APPROVED. FOR USE OF LEEMCO PRODUCTS, CONTACT TONY GARNER @ (208) 631-7787, THE LEEMCO REPRESENTATIVE, FOR ALL QUESTIONS CONCERNING LEEMCO PRODUCTS.

JOINT RESTRAINT TABLES

NOTES:

- I. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DRAINAGE OF THE CONTROL VALVE MANIFOLD.
- 2. ALL VALVE BOXES SHALL SIT ON 8" MIN. WASHED AGGREGATE LAYER OVER FILTER FABRIC
- 3. LOCATE VALVE BOXES IN PLANTER BEDS WHEREVER POSSIBLE AND WITHIN 24" OF ADJACENT PAVING UNLESS
- OTHERWISE INDICATED. 4. ALL PIPING IN MANIFOLD SHALL BE PVC SCH. 80 W/ PVC SCH. 80 FITTINGS.
- 5. VALVE MANIFOLD TO BE INSTALLED GOING AWAY FROM MAIN SUPPLY LINE. MINIMUM OF I FT. BEFORE CHANGE IN DIRECTION.
- 6. CUT ALL VALVE BOXES AS REQUIRED SO BOXES DO NOT SIT ON PIPING.
- BOXES AND LIDS SHALL MATCH SURROUNDING GROUND OR ROCK MULCH MATERIAL COLOR. 8. RUN ONE EXTRA VALVE WIRE (WIRE COLOR BLUE) FOR
- EVERY FIVE VALVES INSTALLED WITH A MINIMUM OF TWO WIRES RUN THROUGH EACH GROUP OF VALVES OF TWO OR MORE.

- (1) LATERAL LINE PIPING (SIZE AS PER PLAN)
- (2) PVC SCH. 40 FEMALE ADAPTOR 3) CONTROL WIRES- 36-INCH LINEAR LENGTH OF WIRE, COILED AT EACH VALVE, BUNDLE WIRES
- AND TAPE TOGETHER (4) PVC SCH. 80 REDUCER FITTINGS AS REQ'D
- (5) VALVE ID TAG, SEE SPECS. 6 ELECTRIC REMOTE-CONTROL VALVE (SEE IRRIGATION
- SCHEDULE) (7) PVC SCH. 80 UNION
- (8) PVC SCH. 40 PIPE ALLOWED DOWNSTREAM FROM THIS LOCATION
- (9) HEAVY-DUTY PLASTIC VALVE BOX WITH LOCKING LID
- (10) GATE VALVE ASSEMBLY -
- REFER TO DETAIL (II) MAINLINE PIPING (SIZE AS PER
- PLAN) (12) PVC SCH. 80 NIPPLE PER LINE
- SIZE (LENGTH AS REQUIRED) (13) PVC SCH. 80 TEE PER LINE SIZE
- (14) PVC SCH. 80 ELBOW

INSTALL JOINT RESTRAINTS ON ALL PIPE AND FITTINGS 3" DIA. AND LARGER

NOTE REPRESENTATIVE SAMPLING OF FITTINGS WITH JOINT RESTRAINTS INSTALLED. PIPE TO PIPE RESTRAINTS SHOWN, NOT NECESSARILY ALWAYS REQUIRED. REFER TO JOINT RESTRAINT TABLES.

¥-5-

 $(\mathbf{6})$

(4)

(8)

(4) -

MAINLINE DRAIN ASSEMBLY

SCALE: NTS

(1) HARDSCAPE PAVING

(3) MAINLINE PIPING

(4) LATERAL PIPING

SIDES TYPICAL

SPECS.

 \bigcirc

5

2

(5)

(2) COMPACTED AGGREGATE SUB-BASE

(5) CLEAN BACKFILL FREE OF ROCKS I" DIA. AND LARGER.- SEE

6 8" MIN. ROCK-FREE SOIL ON ALL

(7) BEDDING SAND- USE SAND TO A

(8) ELECTRICAL WIRES - BUNDLE

EVERY 15FT. O.C.

(9) COMPACTED SUBGRADE

) SLEEVING:

- SEE SPECS.

TOPSOIL.

SLEEVE SIZE.

(2) TOPSOIL LAYER

PLAN)

PLAN)

SURFACES

(6) TOP OF HARDSCAPE

SIDES TYPICAL

<u>NOTE:</u>

DEPTH OF 2" BELOW AND TO

AND TAPE WITH DUCT TAPE

(10) ELECTRICAL CONDUIT - SEE SPECS.

-SLEEVES SHALL BE 2" LARGER

THAN THE PIPE OR WIRES WITHIN

-4" AND LARGER = PVC CLASS 200

WATER PRIOR TO INSTALLATION OF

SECTION

-1" TO 2 1/2" =PVC SCH 80

12) USE DETECTABLE WARNING TAPE W/ MAINLINE - PLACE 6" ABOVE

I. SETTLE ALL TRENCHES WITH

2. WHEN MULTIPLE PIPES OCCUR IN ONE TRENCH, ADD REQUIRED

SLEEVE SIZES TOGETHER FOR 1

3. EXTEND ALL SLEEVING 18" MIN.

BEYOND EDGE OF PAVING.

(1) FINISH GRADE/TOP OF MULCH

3 MAINLINE PIPING (SIZE AS PER

(4) LATERAL PIPING (SIZE AS PER

5 LOCATE ALL TRENCHES 12" AWAY

SIDEWALKS OR ANY HARD

(7) CLEAN BACKFILL- SEE SPECS.

(8) 8" MIN. ROCK-FREE SOIL ON ALL

(9) BEDDING SAND- USE SAND TO A

DEPTH OF 2" BELOW AND TO

BED ALL PVC PIPING AND

(10) DIRECT BURIAL, LOW VOLTAGE

CONTROL WIRES; TAPE AND

(12) INSTALL DETECTABLE WARNING

TAPE AT 12" DEPTH ABOVE

LINE PIPING - SEE SPECS.

I. SETTLE ALL TRENCHES WITH

WATER PRIOR TO INSTALLATION

SECTION

MAINLINE AND ROTOR LATERAL

BUNDLE AT 10' O.C. PLACE 6"

ELECTRICAL WIRES

EITHER SIDE

OF TOPSOIL.

() SET FLUSH TO FINISH

(3) 10" ROUND VALVE BOX

TOP OF MULCH

SUPPORT

STABILITY)

REQUIRED) (13) PVC SCH 80 ELL

DEEP

NOTES:

PLAN)

GRADE/TOP OF MULCH

(2) 3/4" MAINLINE DRAIN VALVE

VALVE FOR STABILITY.

(5) SET FLUSH TO FINISH GRADE /

(6) PRESSURE TREATED WOOD AS

(7) MAINLINE PIPING (SIZE AS PER

(9) 2" PVC SLEEVE W/ MARKER CAP

(NOTCH OVER VALVE FOR

(10) GRAVEL SUMP- 18" DIA. X 12"

(12) PVC SCH 80 NIPPLE (LENGTH AS

(I) SCH. 80 PVC STREET ELL

TURNED DOWNWARDS

1. LOCATE DRAINS ONLY AT

LOCATIONS SHOWN ON DRAWINGS

SECTION

TRENCHING AND SLEEVING DETAIL)

(8) FOR TRENCH DEPTHS (SEE

(SEE IRRIGATION SCHEDULE)

(4) 4" SCH 40 PVC SLEEVE (LENGTH

AS REQUIRED). NOTCH OVER

NOTE:

(II) COMPACTED SUBGRADE

THE EITHER SIDE OF PIPING TO

FROM ALL BUILDINGS,

THE EITHER SIDE OF SLEEVING

IRRIGA1

(1) REDUCER BUSHING WITH RESTRAINT (2) TEE WITH 3 RESTRAINTS (3) PIPE TO PIPE RESTRAINT (4) VALVE WITH RESTRAINT (5) ELBOW WITH RESTRAINT (6) CAP WITH RESTRAINT (102) \mathcal{L} ¢DÞ Ld.

- <u>NOTE:</u> - (3) . SWING PIPE SHALL SLOPE TOWARDS LATERAL PIPE FOR COMPLETE DRAINAGE. SECTION

- (7) TOP OF HARDSCAPE (8) PRE-FACTRICATED 19" DEPTH SWING JOINT KIT - LASCO MODEL #T732-219
- (6) FOR TRENCH DEPTHS (TRENCHING AND SLEEVING DETAIL)
- PLACED 2" CLEAR OF ALL HARDSCAPE SURFACES AND 2'-0" FROM BUILDINGS
- 3 LATERAL PIPING (SIZE AS PER PLAN) (4) PVC SCH 40 TEE OR ELL (5) ALL ROTOR HEADS TO BE
- (2) POP-UP ROTOR HEAD (SEE IRRIGATION SCHEDULE)
- SECTION (1) SET HEAD FLUSH WITH FINISH GRADE/TOP OF MULCH
- TOWARDS LATERAL PIPE FOR COMPLETE DRAINAGE.
- <u>NOTE:</u>

1. SWING PIPE SHALL SLOPE

(9)

12" CLEAR

(7)

8

12" CLEAR

 \bigcirc

¥)(9)

LATERAL LINE

<u>MAIN LINE</u>

 \mathcal{O}^{ℓ}

SLEEVING

SCALE: NTS

6 + 5 +

(4) -

 (Π)

<u></u> 5<u></u>

 \rightarrow

В

TRENCHING

SCALE: NTS

- (9) 1/2" MARLEX 90° ELL (10) FLEXIBLE SWING PIPE (12" MIN., 24" MAX LENGTH)
- DETAIL) (7) TOP OF HARDSCAPE (8) 1/2" BARB 90°

- FROM BUILDINGS
- (4) PVC SCH 40 TEE OR ELL PLACED I" CLEAR OF ALL
- HARDSCAPE SURFACES AND 2'-0"

- (5) ALL SPRAY HEADS TO BE

(1) SET HEAD FLUSH WITH FINISH

GRADE/TOP OF MULCH

(2) POP-UP SPRAY HEAD (SEE

PLAN)

IRRIGATION SCHEDULE)

(3) LATERAL PIPING (SIZE AS PER

- TRENCHING AND SLEEVING

- (6) FOR TRENCH DEPTHS (SEE

ION SCHEDU	LE	A Richard L.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	(성) Gilbert (전) 그 No. 5734299
	Rain Bird XCZ-100-PRB-COM Wide Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3gpm to 20gpm.	Jan. 22, 2024
$\begin{bmatrix} -+ & -+ & -+ & -+ & -+ & ++ \\ + & + & + & ++ & +$	Area to Receive Drip Emitters GPH Irrigation GPST-CV-M Threaded pressure compensating drip emitter with 1/2in. FIPT inlet and Diffuser Cap Outlet in Mulch Camo Color. Spring Check Valve Technology. Brown = 0.5 GPM; Black = 1.0 GPM; Green = 2.0 GPM; Yellow = 4.0 GPM; Tan = 6.0 GPM; Gray = 8.0 GPM; Orange = 10.0 GPM. Emitter Notes: 2.0 GPH emitters (3 assigned to each B & B, 2.5" plant) 4.0 GPH emitters (1 assigned to each 1 gal plant)	Naylor Wentworth Lund Architects
	4.0 GPH emitters (1 assigned to each 1 gal. plant)	
	4.0 GPH emitters (2 assigned to each 5 gal plant)	723 West Pacifi c Ave., Suite 101
	4.0 GPH emitters (2 assigned to each 10 gal plant)	Salt Lake City, Ut ah 84104
	4.0 GPH emitters (2 assigned to each 15 gal plant)	Tel 801 355 – 595 9
	4.0 GPH emitters (2 assigned to each B & B, 1.5"Cal plant)	Arc Sitio
	4.0 GPH emitters (2 assigned to each B & B, 2" plant)	Design Inc
	4.0 GPH emitters (3 assigned to each B & B, 2"Cal plant)	Landscape Architecture & Architectural Site Design
	4.0 GPH emitters (3 assigned to each B & B, 2.5"Cal plant)	1058 east 2100 south, Salt Lake City, Utah 84106 office 801.487.4923 fax 801.466.3046
	4.0 GPH emitters (3 assigned to each B & B, 3" plant)	
	4.0 GPH emitters (3 assigned to each B & B, 3" Cal. plant)	
	4.0 GPH emitters (3 assigned to each B & B, 3"Cal plant)	
	4.0 GPH emitters (3 assigned to each B ∉ B, 4" plant)	Jordan School District 7905 South Redwood Road
	4.0 GPH emitters (3 assigned to each B ∉ B, 12'H plant)	West Jordan, Utah 84088
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	
\bullet	Rain Bird PEB-PRS-D 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulator Module.	
	Rain Bird 5-LRC 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Rubber Cover, \$ 1-Piece Body.	
	Irrigation Lateral Line: PVC Schedule 40	Project For
	Irrigation Mainline: PVC Schedule 40	The
	PVC Schedule 40 irrigation pipe.	Jordan
	Pipe Sleeve: PVC Class 200 SDR 21	School District
	Valve Callout	Board of
# •	Valve Number	Education
#" #●	Valve Flow	
	——— Valve Size	South Jordan
		Middle School
	Existing Irrigation Mainline - Field Verify - Remove or Abandon in Place Existing Irrigation Lateral Line - Field Verify - Remove or Abandon in Place	Parking Lot Addition
С	Existing Controller - Protect in Place	T at KITY LUL AUUILION 10245 South 2700 West
	Existing Valves - Protect in Place	South Jordan, Utah
	Existing Irrigation Mainline - Field Verify - Remove or Abandon in Place	
	Existing Valves - Remove and Convey to Owner	

Project Phase **Bid Documents**

Stamp

Project Issue Date January 22, 2024

Sheet Title

Sheet Number

IRRIGATION DETAILS

Stamp

NDSCAF

Parking Lot Addition

L-R502

LIGHT FIXTURE SCHEDULE LIGHT FIXTURE ABBREVIATION SCHEDULE A.F.F. ABOVE FINISH FLOOR STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT WALL@CLG WALL MOUNT AT CORNER OF WALL AND CEILING CUSTOM FINISH AS SELECTED BY THE ARCHITECT CFBA CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT CCBA SFBA STANDARD FINISH AS SELECTED BY THE ARCHITECT LIGHT FIXTURE GENERAL NOTES REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPENCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE. REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH. REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING SUBMITTALS. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER. PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING THE PROJECT AND SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE... REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16551). VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM IE; ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER WILL NOT BE ALLOWED, REVIEWED OR APPROVED. 10. TYPE CATALOG # DESCRIPTION MFR. MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; TFTM+T2 OPTICS; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNERS' REQUIREMENTS; 250,000 NV-1-TFTM+T2-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-X OP2A HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25' ROUND NLS LIGHTING -SGL-SCBA-XX-VD TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; DUAL HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; TYPE TFTM OPTIC; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNER'S REQUIREMENTS; 250,000 NV-1-TFTM-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX+R HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25' ROUND OP14 NLS LIGHTING L-SCBA-XX-VD TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; SINGLE HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; T2+T2 OPTICS; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNERS' REQUIREMENTS; 250,000 NV-1-T2-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX+RTA HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25' ROUND NLS LIGHTING OP22 CBA-XX-VD TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; DUAL HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING: TFTM+TFTM OPTICS: FULL CUTOFF: IP66 RATED: DIMMING MOTION SENSOR. PROGRAMMED PER OWNERS' REQUIREMENTS: NV-1-TFTM-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX+F 250,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25' NLS LIGHTING OP24 L-SCBA-XX-VD ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @

CONDUIT LINE-TYPE LEGEND

120; 10 YR WARRANTY ON POLE; DUAL HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT

EUGP EUGP	EXISTING UNDERGROUND POWER
EULP EULP	EXISTING UNDERGROUND LIGHTING POWER
	NEW UNDERGROUND LIGHTING POWER
NUGP NUGP	NEW UNDERGROUND POWER
	NEW UNDERGROUND FIBER

PROJECT MANAGER: DRAYTON BAILEY

	VOLTS	TOTAL WATTS	LAMP TYPE	DELIVERED LUMENS	COLOR TEMP	CRI
(X+RTAP-25-188-X-X	277 V	208 VA	LED	25,000	4000 K	70+
RTAP-25-188-X-X-SG	277 V	104 VA	LED	12,168	4000 K	70+
.P-25-188-X-X-SGL-S	277 V	208 VA	LED	26,416	4000 K	70+
RTAP-25-188-X-X-SG	277 V	208 VA	LED	24,336	4000 K	70+

GENERAL NOTES

CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES. VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.

CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC) OF ALL EQUIPMENT FURNISHED UNDER ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.

SEE SECTION 265100 (16510) OF THE SPECIFICATION FOR REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.

SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.

FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.

THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.

ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.

ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.

). CONTRACTOR SHALL VERIFY FURNITURE LAYOUT PRIOR TO ANY FLOORBOX OR POKE-THRU INSTALLATION. COORDINATE EXACT LOCATION OF FLOOR BOX OR POKE-THRU WITH OWNER AND FURNITURE PROVIDER PRIOR TO ROUGH-IN.

I. CIRCUITS EXTENDING OVER 70' FOR 120 VOLT AND 115' FOR 277 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH CONDUCTORS PER TABLE BELOW.

20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING					
MAXIMUM LENGTH BRANCH CIRCUIT VOLTAGE					
CONDUCTOR LENGTH (FT)	120 VOLT	277 VOLT			
<70	MIN. #12 AWG	MIN. #12 AWG			
70 - 115	MIN. #10 AWG	MIN. #12 AWG			
115 - 170	MIN. #8 AWG	MIN. #10 AWG			
170 - 270	MIN. #6 AWG	MIN. #8 AWG			
271 - 380	NOTE B	MIN. #8 AWG			
>380	NOTE B	NOTE B			

A. THESE ARE BASED ON MAXIMUM LENGTH OF CIRCUIT.

PERFORM VOLTAGE DROP CALCULATIONS AND PROVIDE CONDUCTOR SIZE TO KEEP BRANCH CIRCUIT VOLTAGE DROP LESS THAN 3% WITH A 15 AMP LOAD.

C. CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF EACH BRANCH CIRCUIT STAYS WITHIN 3% VOLTAGE DROP FOR A 15 AMP LOAD. IF NECESSARY, CONTRACTOR SHALL INCREASE WIRE AND CONDUIT SIZE TO MEET THE STANDARD AT NO ADDITIONAL COST TO OWNER.

DEMOLITION NOTES

COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 26 (16).

RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.

CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE METAL RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.

LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS. FEEDERS. ETC. TO WORKING CONDITION.

EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE. REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.

REMOVE EXISTING LIGHT FIXTURES WHICH ARE NOT TO BE REUSED, PLACE IN CARTON, LABEL APPROPRIATELY AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.

DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.

DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.

- NOTES: 1. SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE. HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR.
- REFER TO DRAWINGS FOR DIRECTIONAL ARROWS. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
- NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE 'HD' 480 V. HEIGHT MEASURED TO TOP OF THE BOX FROM FINISHED FLOOR.
- PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED. DOUBLE ARROWS INDICATES A DOUBLE FACE UNIT.
- 9. DEVICES NOTED WITH AN 'A' INDICATE TO COORDINATE WITH MILLWORK SHOP DRAWINGS AND
- ELEVATIONS FOR HEIGHT. 10. SUBSCRIPT INDICATES NEMA CONFIGURATION.
- 11. SOLID BOX AROUND DEVICE INDICATES INSTALLED IN FLOOR. DASHED BOX AROUND DEVICE INDICATES INSTALLED IN CEILING.

*TYPICAL SYMBOL SCHEDULE. SOME SYMBOLS MAY NOT BE USED ON THIS SET OF DRAWINGS.

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS

GENERAL						
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES			
	ONE CIRCUIT, HOME RUN TO PANEL					
	2 CIRCUIT, HOME RUN TO PANEL					
	3 CIRCUIT, HOME RUN TO PANEL					
	CONDUIT RUN CONCEALED IN WALL OR CEILING					
	CONDUIT RUN CONCEALED IN FLOOR OR GROUND					
0	CONDUIT UP					
•	CONDUIT DOWN					
]	CONDUIT STUB LOCATION	CAP CONDUIT				
<u> </u>	CONDUIT / CIRCUIT CONTINUATION					
LIGHTING						
\bigcirc	CEILING LIGHT FIXTURE	CEILING	1.			
Ю	WALL LIGHT FIXTURE	AS NOTED	1.			
	RECESSED DOWNLIGHT FIXTURE	CEILING	1.			
\bigcirc	RECESSED WALL-WASH DOWNLIGHT FIXTURE	CEILING	1.			
0	LIGHT FIXTURE	AS NOTED	1.			
0	EGRESS LIGHT FIXTURE	AS NOTED	1.			
•	AREA LIGHT POLE AND FIXTURE	CONCRETE BASE	1. SEE DIA			
	BOLLARD	CONCRETE BASE	1.			
	STEP LIGHT FIXTURE	AS NOTED	1.			

\rightarrow H \otimes	CEILING / WALL MOUNTED EXIT LIGHT	CEILING/ AS NOTED	1. 3. 8.
	EMERGENCY LIGHT FIXTURE	AS NOTED	1.
\bigotimes	COMBO EXIT / EMERGENCY LIGHT FIXTURE	AS NOTED	1.
TC	TIME CLOCK	+60"	2.

CONCRETE

BASE

AS NOTED

SHEET INDEX SYMBOLS, SCHEDULES, AND NOTES ELECTRICAL SPECIFICATIONS AND DIAGRAMS

E-002 E-100 ELECTRICAL DEMOLITION SITE PLAN ELECTRICAL SITE PLAN

 \bigcirc

E-001

IN-GRADE LIGHT FIXTURE

FLOOD OR TRACK FIXTURE

SYMBOL LEGEND

- 12. COORDINATE WITH DOOR HARDWARE SUPPLIER. 13. FOR WATER COOLER LOCATION, SEE DIAGRAM R002. FOR ALL OTHER LOCATIONS, MOUNT AT +16" TO BOTTOM
- OF BOX FROM FINISHED FLOOR, OR AS NOTED. 14. ARROWS SHOWN ON DEVICE INDICATE SENSOR AIMING DIRECTION. 15. CAMERA NUMBERS ARE SHOWN INSIDE THE CAMERA SYMBOL. CAMERA TYPES ARE INDICATED IN TAG.
- 16. MOUNT ON TRACK OF OVERHEAD DOOR, 6" FROM TOP OF DOOR, UNLESS OVERHEAD DOOR IS A ROLL UP DOOR. THEN MOUNT PER MANUFACTURER'S INSTRUCTIONS.
- 17. INSTALL DEVICES PER MANUFACTURE'S INSTALLATION INSTRUCTIONS 18. DASHED LINE INDICATES EQUIPMENT CLEARANCES. ARROW INDICATES FRONT OF RACK.
- 19. SPEAKER TO BE MOUNTED IN HORIZONTAL POSITION. 20. MOUNTING HEIGHT IS TO BOTTOM OF DISPLAY.

MOUNTING SYMBOL DESCRIPTION NOTES HEIGHT EQUIPMENT PANEL, SEE DRAWINGS +72" 6 CABLE TRAY AS NOTED GROUND BUS BAR +18" LIGHT FIXTURE (LETTER DESIGNATES TYPE) EQUIPMENT NUMBER ARCHITECTURAL ROOM NUMBER Х DEVICE / EQUIPMENT (TEXT DESIGNATES TYPE) SEE SCHEDULE $\langle X \rangle$ DEVICE / EQUIPMENT (TEXT DESIGNATES TYPE) SEE SCHEDULE / LEGEND

	PP	POWER PACK	ABOVE CEILING	SEE DIAGRAM, SPEC.
	RC X	DIGITAL ROOM CONTROLLER (SUBSCRIPT INDICATES NUMBER OF RELAYS)	ABOVE CEILING	SEE DIAGRAM, SPEC.
	EP	EMERGENCY LIGHTING CONTROL UNIT	ABOVE CEILING	SEE DIAGRAM, SPEC.
	\$ ³	THREE-WAY SWITCH	+46"	2.4.
	\$ ⁴	FOUR-WAY SWITCH	+46"	2.4.
	\$ ^ĸ	KEY OPERATED SWITCH	+46"	2.4.
GRAM	\$ [₽]	SWITCH WITH PILOT LIGHT	+46"	2.4.
	\$⁰	VARIABLE INTENSITY SWITCH	+46"	2.4.
	\$™	TIMER SWITCH	+46"	2.4.
	\$	MOMENTARY CONTACT SWITCH	+46"	2.4.
	≜x	LOW VOLTAGE WALLSTATION (SUBSCRIPT INDICATES CONFIGURATION & CONTROL SEQUENCE)	+46"	2. SEE DIAGRAM, SPEC.
		DUAL TECH. CEILING MOUNTED OCCUPANCY SENSOR (PROVIDE WITH ALL PP AND ROOM CONTROLLERS)	CEILING	SEE DIAGRAM, SPEC.
	H	DUAL TECH. WALL MOUNTED OCCUPANCY SENSOR (SUBSCRIPT D = DIMMING AND DAYLIGHT CONTROL)	+46"	2. 4. SEE DIAGRAM, SPEC.
	P	PHOTO-ELECTRIC CONTROL (LOCATE ON ROOF, FACE NORTH)	AS NOTED	MOUNT AS PER MFR.
		DIGITAL DAYLIGHT SENSOR	CEILING	SEE DIAGRAM, SPEC.

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
#	NUMBER	MH	MANHOLE
AC	ALTERNATING CURRENT	MIC	MICROPHONE
A.F.F.	ABOVE FINISH FLOOR	MIN	MINIMUM
AIC	AMPS INTERRUPTING CAPACITY	MTG	MOUNTING
AM	AMPS METER	MTR	MOTOR
AMP	AMPERE	N/A	NOT APPLICABLE
ANN	ANNUNCIATOR	NC	NORMALLY CLOSED
ATS	AUTOMATIC TRANSFER SWITCH	NEC	NATIONAL ELECTRICAL CODE
AUX	AUXILIARY	NEMA	NATIONAL ELECT. MANUFAC. ASSOC.
AWG	AMERICAN WIRE GAUGE	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BC	BARE COPPER	N.I.C.	NOT IN CONTRACT
BFG	BELOW FINISH GRADE	NO	NORMALLY OPENED
С	CONDUIT	NTS	NOT TO SCALE
САВ	CABINET	OS & Y	OUTSIDE SCREW & YOKE
САТВ	COMMUNITY ANTENNA TELEVISION	PB	PUSHBUTTON
CATV	CABLE TELEVISION	PF	POWER FACTOR
СКТ	CIRCUIT	PFR	PHASE FAILURE RELAY
CLG	CEILING	PNL	PANEL
CNTR	CONTRACTOR	PT	POTENTIAL TRANSFORMER
CO		PVC	
CRT		(R)	RELOCATE
СТ		RECEP	RECEPTACIE
CU	COPPER	REO	REQUIREMENT
C/W/		RIA	
DB		RMP	
		RMS	
DWG	DRAWING	SE	
		SPEC	
EC		ee	
		55 SW	SWITCH
		SWBD	
		SWGD	
FC			
	FOOT CANDLE		
GFI			
GND			
GRC		UG	
		UP5	
HZ		V	
IFC		VA/R	VOLT-AMPS/REACTIVE
IG			VOLTMETER
IMC		VV	WATTS
IN	INCH	VV/	WITH
J-BOX		WH	WATTHOUR METER
KV	KILOVOLI	W/O	WITHOUT
KVA	KILOVOLT AMPERES	WP	WEATHERPROOF
KVAR	KILOVARS	XFMR	
KW	KILOWATT	XFMR SW	TRANSFER SWITCH
		XP	EXPLOSION PROOF
LTG		1P	SINGLE-PHASE
MNF	MANUFACTURER	2P	TWO-POLE
MAX	MAXIMUM	3P	THREE-POLE
MB	MAIN BUS	4P	FOUR-POLE
MCC	MOTOR CONTROL CENTER	Ø	PHASE
MCM	1000 CIRCULAR MILLS		

Stamp

Naylor Wentwort Lund Architects

723 West Pacific Ave. Suite 101 Salt Lake City, Utah 84104

Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School Distric Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 Wes South Jordan, Utah

JANUARY 22, 2024

Sheet Title SYMBOLS, SCHEDULES, AND NOTES

ELECTRICAL SPECIFICATIONS

ELECTRICAL GENERAL PROVISIONS DESCRIPTION OF WORK: EXTENT OF ELECTRICAL WORK IS INDICATED ON DRAWINGS. PROVIDE ALL LABOR. MATERIALS. EQUIPMENT. SUPERVISION AND

- ELECTRICAL CONNECTIONS FOR EQUIPMENT
- GROUNDING CONDUIT RACEWAY
- CONDUCTORS AND CABLES ELECTRICAL BOXES AND FITTINGS
- SUPPORTING DEVICES
- WIRING DEVICES OVERCURRENT PROTECTIVE DEVICES
- LIGHT FIXTURES
- ELECTRICAL IDENTIFICATION
- VISIT THE SITE DURING THE BIDDING PERIOD TO DETERMINE EXISTING CONDITIONS AFFECTING ELECTRICAL AND OTHER WORK. ALL COSTS ARISING
- FROM SITE CONDITIONS AND/OR PREPARATION SHALL BE INCLUDED IN THE BASE BID. NO ADDITIONAL CHARGES WILL BE ALLOWED DUE TO INADEQUATE
- SITE INSPECTION
- QUALITY ASSURANCE: PERFORM WORK IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC). COMPLY WITH REQUIREMENTS OF STATE AND
- LOCAL ORDINANCES. OBTAIN ALL PERMITS, INSPECTIONS, ETC. FROM AUTHORITY HAVING JURISDICTION (AHJ). EMPLOY ONLY QUALIFIED CRAFTSMEN WITH AT LEAST THREE YEARS OF EXPERIENCE. WORKMANSHIP SHALL BE NEAT, HAVE A GOOD MECHANICAL APPEARANCE AND CONFORM TO BEST ELECTRICAL STATE CONTRACTING LICENSE. PROVIDE EQUIPMENT AND MATERIAL THAT ARE UNDERWRITERS LABORATORIES INC. (UL) LISTED AND I ABELED

SERVICE NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM. WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING ITEMS:

- SUBMITTALS: AFTER THE CONTRACT IS AWARDED BUT PRIOR TO MANUFACTURE OR INSTALLATION OF ANY EQUIPMENT, PREPARE COMPLETE SHOP DRAWINGS • PROVIDE SUBMITTALS IN PORTABLE DOCUMENT FORMAT (PDF).
- DOCUMENTS MUST BE ELECTRONICALLY BOOKMARKED AND KEYWORD SEARCHABLE USING ADOBE ACROBAT (HTTP://WWW.ADOBE.COM/ACROBAT) OR BLUEBEAM REVU (HTTP://WWW.BLUEBEAM.COM) FOR EACH RELEVANT SECTION. (I.E. INCLUDE ELECTRONIC BOOKMARKS SEPARATING "LIGHT FIXTURES" FROM "PANELBOARDS".
- ELECTRONICALLY HIGHLIGHT ALL ÓPTIONS FOR LIGHT FIXTURES, ELECTRICAL EQUIPMENT, ETC. MANUAL HIGHLIGHTING AND SCANNING OF THE DOCUMENTS IS NOT ACCEPTABLE AND WILL NOT BE REVIEWED. • PROVIDE ONLY COMPLETED CUTSHEETS FOR ALL FIXTURE AND EQUIPMENT TYPES. BLANK CUTSHEETS SUBMITTED WITH A SCHEDULE ARE NOT
- ACCEPTABLE AND WILL NOT BE REVIEWED A MAXIMUM OF ONE SUBMITTAL PER SPECIFICATION SECTION IS ALLOWED. IT IS NOT ACCEPTABLE TO PROVIDE A PRODUCT BY PRODUCT SUBMITTAL. SINGLE PRODUCT BY PRODUCT SUBMITTALS WILL NOT BE REVIEWED.
- WIRING DEVICES OVERCURRENT PROTECTIVE DEVICES
- LIGHT FIXTURES ELECTRICAL IDENTIFICATION
- RECORD DRAWINGS: MAINTAIN ON A DAILY BASIS A COMPLETE SET OF RECORD DRAWINGS REFLECTING AN ACCURATE DIMENSIONAL RECORD OF ALL BURIED OR CONCEALED WORK. MARK RECORD DRAWINGS TO SHOW THE PRECISE LOCATION OF CONCEALED WORK AND EQUIPMENT, INCLUDING CONCEALED OR EMBEDDED CONDUIT AND JUNCTION BOXES AND ALL CHANGES AND DEVIATIONS IN THE WORK FROM THAT SHOWN ON THE CONTRACT DOCUMENTS
- OPERATION AND MAINTENANCE MANUALS: PROVIDE OPERATING INSTRUCTION AND MAINTENANCE DATA BOOKS FOR ALL EQUIPMENT AND MATERIALS FURNISHED UNDER THIS DIVISION.
- GUARANTEE: ENSURE THAT ELECTRICAL SYSTEMS INSTALLED UNDER THIS CONTRACT IS IN PROPER WIRING ORDER AND IN COMPLIANCE WITH DRAWINGS, SPECIFICATIONS, AND/OR AUTHORIZED CHANGES. WITHOUT ADDITIONAL CHARGE, REPLACE ANY WORK OR MATERIALS WHICH DEVELOP DEFECTS, EXCEPT FROM ORDINARY WEAR AND TEAR, WITHIN ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
- FIRE PROTECTION SEALS: SEAL ALL PENETRATIONS FOR WORK OF THIS SECTION THROUGH FIRE RATED FLOORS, WALLS, AND CEILINGS TO PREVENT THE SPREAD OF SMOKE, FIRE, TOXIC GAS, OR WATER THROUGH THE PENETRATION EITHER BEFORE, DURING AND AFTER FIRE.
- POWER OUTAGES: ALL POWER OUTAGES REQUIRED FOR EXECUTION OF THIS WORK SHALL OCCUR DURING THE NON-STANDARD WORKING HOURS AND AT THE CONVENIENCE OF THE OWNER. INCLUDE ALL COSTS FOR OVERTIME WORK IN BID.

ELECTRICAL CONNECTION FOR EQUIPMENT

VERIFY EXACT LOAD AND LOCATION OF ALL EQUIPMENT BEFORE ROUGH-IN FOR EACH ELECTRICAL CONNECTION. PROVIDE COMPLETE ASSEMBLY OF MATERIAL, INCLUDING BUT NOT NECESSARILY LIMITED TO, RACEWAYS, CONDUCTORS, CORDS, CORD CAPS, PLUGS, WIRING DEVICES, PRESSURE CONNECTORS, TERMINALS (LUGS), ELECTRICAL INSULATING TAPE, HEAT-SHRINKABLE INSULATING TUBING, CABLE TIES, SOLDERLESS WIRE NUTS, AND OTHER ITEMS AND ACCESSORIES AS NEEDED TO COMPLETE SPLICES, TERMINATIONS, AND CONNECTIONS AS REQUIRED. FOR PERMANENTLY INSTALLED FIXED EQUIPMENT, PROVIDE FLEXIBLE SEAL-TITE CONNECTION. FOR MOVABLE AND/OR PORTABLE EQUIPMENT, PROVIDE WIRING DEVICE, CORD CAP, AND MULTI-CONDUCTOR CORD.

GROUNDING • PROVIDE GROUNDING AND BONDING OF ALL ELECTRICAL AND COMMUNICATION APPARATUS, MACHINERY, APPLIANCES, BUILDING COMPONENTS, AND ITEMS REQUIRED BY THE NEC TO PROVIDE A PERMANENT, CONTINUOUS LOW IMPEDANCE, GROUNDING SYSTEM. PROVIDE AN NEC BONDING/GROUNDING CONDUCTOR IN ALL RACEWAYS USED FOR POWER DISTRIBUTION.

CONDUIT RACEWAYS

- PROVIDE METAL CONDUIT, TUBING, AND FITTINGS OF TYPES, GRADES, SIZES, AND WEIGHTS (WALL THICKNESS) AS REQUIRED; WITH MINIMUM TRADE SIZE OF 3/4". INSTALL ELECTRICAL RACEWAY SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPLICABLE REQUIREMENTS OF NEC AND NECA "STANDARD OF INSTALLATION" IN ACCORDANCE WITH THE FOLLOWING.
- FEEDERS: INSTALL FEEDERS RATED 100 AMPS AND GREATER, IN ELECTRICAL METALIC CONDUIT (EMT); WHERE BURIED BELOW GRADE, INSTALL IN CONCRETE ENCASED NON-METALLIC CONDUIT OR DUCT (SCHEDULE 40 PVC). BRANCH CIRCUITS, AND INDIVIDUAL EQUIPMENT CIRCUITS RATED LESS THAN 100 AMPS: INSTALL IN ELECTRICAL METALLIC TUBING (EMT). WHERE
- LOCATED IN POURED WALLS. BELOW CONCRETE SLAB-ON-GRADE, OR IN EARTH FILL, INSTALL IN NON-METALLIC PLASTIC DUCT (SCHEDULE 40 PVC). ENCASE NON-METALLICPLASTIC DUCT1-1/4" AND LARGER IN CONCRETE. PROVIDE RIGID METAL CONDUIT (RMC) FOR ALL BENDS IN BURIED CONDUIT GREATER THAN 30 DEGREES. PROVIDE PROTECTIVE COATING FOR RIGID METAL CONDUIT BENDS. INSTALL FLEXIBLE CONDUIT FOR CONNECTIONS OF MOTORS, TRANSFORMERS, AND OTHER ELECTRICAL EQUIPMENT WHERE SUBJECT TO MOVEMENT AND VIBRATIONS. PROVIDE OZ. EXPANSION FITTINGS ON ALL CONDUITS CROSSING BUILDING EXPANSION JOINTS
- BOTH IN SLAB AND SUSPENDED. PROVIDE SURFACE RACEWAYS OF SIZES AND CHANNELS INDICATED. PROVIDE FITTINGS THAT MATCH AND MATE WITH RACEWAY.

CONDUCTORS AND CABLES

PROVIDE FACTORY-FABRICATED CONDUCTORS FOR SIZED, RATINGS, MATERIAL, AND TYPES INDICATED FOR EACH SERVICE. PROVIDE COPPER CONDUCTORS, WITH THHN/THWN INSULATION. SIZE ALL CONDUCTORS IN ACCORDANCE WITH NEC; MINIMUM SIZE TO BE #12 AWG. PROVIDE STRANDED CONDUCTORS FOR #8 AWG AND LARGER.

ELECTRICAL BOXES AND FITTINGS PROVIDE ONE PIECE GALVANIZED FLAT ROLLED SHEET STEEL INTERIOR OUTLET WIRING BOXES, CORROSION-RESISTANT CAST-METAL WEATHERPROOF

OUTLET WIRING BOXES, CODE-GAGE SHEET STEEL JUNCTIONS AND PULL BOXES, CAST-IRON WATERPROOF ADJUSTABLE FLOOR BOXES, GALVANIZED CAST-METAL CONDUIT BODIES, CORROSION-RESISTANT PUNCHED-STEEL BOX KNOCKOUT CLOSURES, CONDUIT LOCKOUTS AND MALLEABLE STEEL CONDUIT BUSHINGS AND OFFSET CONNECTORS, AND ALL ACCESSORIES AS REQUIRED TO SUIT EACH RESPECTIVE LOCATION AND INSTALLATION. FASTEN BOXES RIGIDLY TO SUBSTRATES OR STRUCTURAL SURFACES TO WHICH ATTACHED, OR SOLIDLY EMBED ELECTRICAL BOXES IN CONCRETE OR MASONRY. USE BAR HANGERS FOR STUD CONSTRUCTION.

ELECTRICAL SEISMIC CONTROL WIRING DEVICES

SUPPORTING DEVICES

OVERCURRENT PROTECTIVE DEVICES

MOLDED CASE THERMAL TRIP CIRCUIT BREAKERS:

1. MOLDED CASE THERMAL CIRCUIT BREAKERS LIGHTING FIXTURES

PROVIDE LIGHTING FIXTURES COMPLETE WITH ALL COMPONENTS FOR EACH SIZE. TYPE, AND RATING INDICATED. THIS INCLUDES, BUT NOT LIMITED TO HOUSING, DRIVER, REFLECTORS, AND WIRING. SIZE FUSES PER BALLAST MANUFACTURER'S RECOMMENDATION. PROVIDE ALL NECESSARY SUPPORTS, BRACKETS, AND MISCELLANEOUS EQUIPMENT FOR MOUNTING OF FIXTURES. SUPPORT ALL GRID MOUNTED FIXTURES FROM THE BUILDING STRUCTURE WITH #12 GA. STEEL WIRE ATTACHED TO EACH CORNER; INDEPENDENT OF THE CEILING SYSTEM. PROVIDE BACKING SUPPORTS. PROVIDE GYPSUM BOARD PROTECTION AS REQUIRED TO MAINTAIN FIRE RATING OF EACH CEILING IN WHICH FIXTURES ARE INSTALLED. PROVIDE ALL EXTERIOR FIXTURES WITH DAMP OR WET LOCATION LABEL AS REQUIRED BY APPLICATION. PROVIDE CLASS 2 WIRING FOR ALL FIXTURES INDICATED TO HAVE 0-10V DIMMING.

ELECTRICAL IDENTIFICATION

PROVIDE LABELS ON COVERPLATES INDICATING SOURCE OF POWER (I.E. PANEL - CIRCUIT #).

• PROVIDE SUPPORTS, ANCHORS, SLEEVES AND SEALS AS REQUIRED FOR A COMPLETE RACEWAY SUPPORT SYSTEM, INCLUDING BUT NOT LIMITED TO: CLEVIS HANGERS, RISER CLAMPS, C-CLAMPS, BEAM CLAMPS, ONE AND TWO HOLE CONDUIT STRAPS, OFFSET CONDUIT CLAMPS, EXPANSION ANCHORS, TOGGLE BOLTS, THREADED RODS, U-CHANNEL STRUT SYSTEM, AND ALL ASSOCIATED ACCESSORIES. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND WITH RECOGNIZED INDUSTRY PRACTICES TO INSURE SUPPORTING DEVICES COMPLY WITH REQUIREMENTS. PROVIDE RIGID ATTACHMENT OF ALL FLOOR MOUNTED EQUIPMENT TO THE FLOOR SLAB OR STRUCTURAL SYSTEM.

PROVIDE SEISMIC CONTROL EQUIPMENT INCLUDING BUT NOT LIMITED TO: VIBRATION ISOLATORS, FLEXIBLE CONNECTIONS, RIGID STEEL FRAMES, ANCHORS, INSERTS AND ATTACHMENTS, SEISMIC SNUBBER AND BRACING TO MEET THE SEISMIC REQUIREMENTS FOR THE PROJECT SITE.

 PROVIDE GRADE FACTORY-FABRICATED WIRING DEVICES. IN TYPES, AND ELECTRICAL RATINGS FOR APPLICATIONS INDICATED AND COMPLYING WITH NEMA STDS PUB NO. WD-1. PROVIDE HEAVY DUTY SPECIFICATION GRADE, 20- AMPERES RATED, GROUNDING TYPE CONVENIENCE OUTLETS,. PROVIDE 20-AMPERES RATED TOGGLE SWITCHES. CONSTRUCT WIRING DEVICE OF HEAVY DUTY HIGH IMPACT NYLON AND PROVIDE COVER PLATES TO MATCH. PROVIDE DEVICES IN COLORS SELECTED BY ARCHITECT.

PROVIDE OVERCURRENT PROTECTIVE DEVICES OF THE SAME MANUFACTURER AS THE SWITCHBOARD AND/OR PANELBOARD MANUFACTURER. PROVIDE FACTORY-ASSEMBLED DEVICES OF AMPERAGE, VOLTAGE, AND RMS INTERRUPTING RATING SHOWN. PROVIDE DEVICES AS FOLLOWS:

A. CONTRACTOR SHALL VERIFY TYPE AND COST OF ALL OVERCURRENT PROTECTIVE DEVICES REQUIRED WITHIN EXISTING GEAR AND PANELBOARDS. CONTRACTOR SHALL INCLUDE THE NECESSARY COST TO PROVIDE DEVICES WITHIN THEIR BID. B. TYPES OF OVERCURRENT PROTECTIVE DEVICES IN THIS SECTION INCLUDE THE FOLLOWING FOR OPERATION AT 600 VOLTS AND BELOW:

PROVIDE ELECTRICAL IDENTIFICATION PRODUCTS FOR BURIED ELECTRICAL LINES, ARC-FLASH HAZARD LABELS (ANSI Z535.4), SOURCE OF SUPPLY LABELS, AVAILABLE FAULT CURRENT LABELS AND EMERGENCY OPERATING SIGNS TO EQUIPMENT INSTALLED AS PART OF THIS PROJECT. PROVIDE NYLON TYPE COVERPLATES THAT MATCH DEVICES. PROVIDE METAL COVERS FOR ALL DEVICES IN UNFINISHED SPACES

Naylor Wentwort Lund Architects

723 West Pacific Ave. Suite 101 Salt Lake City, Utah 84104

Tel 801 355-5959 4225 Lake Park Blvd, Suite 275 West Valley City, UT 84120 P: 801.532.2196 F: 801.532.2305 www.bnaconsulting.co

Jordan School Distric 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordar School Distric Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase Bid Documents

GENERAL DEMOLITION SITE NOTES DIVISION 26 SHALL VISIT THE SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTIONS AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK THEY WILL CONTRACT TO PERFORM. DIVISION 26 SHALL COORDINATE PROJECT PHASING WITH THE GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO CONTRACT EXPECTATIONS. DIVISION 26 SHALL CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNERS. ROUGH-IN LOCATIONS ARE DIAGRAMMATICALLY SHOWN ON THE DRAWINGS. EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CIRCUITING AND/OR CONDITIONS ARE NOT SPECIFIED UNLESS NOTED ON DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING, AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR AND CLOSELY COORDINATED WITH OWNER. ALL EXISTING CONDITIONS MUST BE VERIFIED WITHOUT EXCEPTION. DIVISION 26 SHALL BLUE STAKE THE AREA OF NEW CONSTRUCTION PRIOR TO EXCAVATION FOR FOOTINGS. ETC. IDENTIFY BURIED ELECTRICAL SYSTEMS(UTILITIES, POWER, COMMUNICATIONS, ETC.) AND COORDINATE LOCATIONS WITH THE GENERAL CONTRACTOR. IF EXISTING ELECTRICAL SYSTEMS ARE DISTURBED (POWER, AUXILIARY, ETC.) E.C. SHALL MAKE NECESSARY REPAIRS (AS APPROVED BY DISTRICT REPRESENTATIVE) AS PART OF THIS CONTRACT. CONTRACTOR TO CLOSELY COORDINATE ALL NEW AND EXISTING DEVICE LOCATIONS WITH CIVIL DRAWINGS. CONTRACTOR TO VERIFY ALL FINAL GRADE REQUIREMENTS WITH CIVIL DRAWINGS. DURING DEMOLITION AND NEW CONSTRUCTION, THE CONTINUATION OF BUILDING SYSTEMS MAY BE NECESSARY. TRACE AND IDENTIFY EXISTING ELECTRICAL SYSTEM (POWER, LIGHTING, FIRE ALARM AND SECURITY) WIRING IN AREAS PRIOR TO DEMOLITION. ELECTRICAL CONTRACTOR SHALL DISCONNECT ALL NECESSARY EQUIPMENT TO MAKE IT SAFE FOR DEMOLITION. WHERE LIVE CIRCUITS OR FEEDERS PASS THROUGH A REMODEL AREA, CONTRACTOR SHALL MAINTAIN ELECTRIC CONTINUITY TO AND PROTECT BRANCH CIRCUITS AND/OR FEEDERS PASSING THROUGH. WHERE FEEDERS AND/OR BRANCH CIRCUITS FEED BOTH LOADS IN A REMODELED AREA AND OUTSIDE OF A REMODELED AREA, CONTRACTOR SHALL DISCONNECT AND REMOVE PORTIONS OF THE ELECTRICAL BRANCH CIRCUITS AND/OR FEEDERS WITHIN THE REMODELED AREA AND REWORK BRANCH CIRCUITS AND/OR FEEDERS TO MAINTAIN ELECTRICAL CONTINUITY TO LOADS OUTSIDE OF THE REMODELED AREA. DEVICES & EQUIPMENT TO BE DEMOLISHED SHALL BE REMOVED, INCLUDING ALL RELATED CONDUCTORS, RACEWAY, JUNCTION & SPLICE BOXES UP TO THE PANELBOARD/SWITCHBOARD, ALL CONDUITS AND BOXES THAT ARE SURFACE MOUNTED AND NO LONGER REQUIRE ACTIVE CIRCUITS SHALL BE COMPLETELY REMOVED. DEVICES TO BE REMOVED ON DRY WALL OR PLASTER TYPE WALLS THAT ARE TO REMAIN SHALL HAVE THE WALL SURFACE PATCHED TO MATCH THE EXISTING FINISH. THE CONTRACTOR SHALL IDENTIFY ALL DEMOLISHED AND ABANDONED BRANCH CIRCUITS. THESE SHALL BE NOTED AS SPARE ON PANELBOARD SCHEDULES. THIS INCLUDES IDENTIFYING EXISTING ABANDONED AND SPARE CIRCUITS THAT ARE CURRENTLY IDENTIFIED AS USED. THE CONTRACTOR SHALL FURNISH NEW TYPED DIRECTORIES FOR ALL PANELBOARDS. THE OWNER HAS THE RIGHT TO RETAIN ALL SALVAGEABLE MATERIAL ANY MATERIAL THE OWNER CHOOSES NOT TO ACCEPT SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR. . CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH GENERAL, HEAD CUSTODIAN, AND OWNER. TRENCHING AND BACKFILL: LOCATE AND PROTECT EXISTING UTILITIES AND OTHER UNDERGROUND WORK IN A MANNER WHICH WILL ENSURE THAT NO DAMAGE OR SERVICE INTERRUPTIONS WILL RESULT FROM EXCAVATING AND BACKFILLING. PERFORM EXCAVATION IN A MANNER WHICH PROTECTS WALLS, FOOTINGS AND OTHER STRUCTURAL MEMBERS FROM BEING DISTURBED OR DAMAGED IN ANY WAY. BURIAL DEPTHS MUST COMPLY WITH NEC SECTION 300-5 (OR STATE OF UTAH REQUIREMENTS, WHICHEVER IS MORE STRINGENT), UNLESS NOTED OTHERWISE. PATCH AND REPAIR ROADS, PARKING AREAS, SIDEWALKS, CURBS, OTHER PAVED AREAS, PLANTING AND ANY OTHER DISTURBED AREAS CAUSED BY THE ELECTRICAL CONTRACTOR DURING CONSTRUCTION. 0. BORING, TRENCHING, ASPHALT CUTTING AND PATCH WORK BY DIVISION 26. ANY CONCRETE THAT NEEDS TO BE REMOVED TO COMPLETE WORK WILL BE THE RESPONSIBILITY OF DIVISION 26. SCHEDULING OF THE TRENCHING SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY THE OWNER.

SHEET KEYNOTES

EXISTING LIGHT POLE LOCATION. REMOVE POLE, LIGHT FIXTURE, CONCRETE BASE, AND WIRING BACK TO D1 PANELBOARD AX COMPLETELY. SALVAGE EXISTING LED LIGHT FIXTURE HEAD AND RETURN TO OWNER. REMOVE TIMECLOCK ASSOCIATED WITH THE PARKING LOT LIGHTING. MAINTAIN THE EXISTING TIMECLOCK D2

ASSOCIATED WITH THE BUILDING LIGHTS.

Stamp Naylor Wentworth

Lund Architects

723 West Pacific Ave. Suite 101 Salt Lake City, Utah

Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan **School District** Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase Bid Documents

DEMOLITION SITE PLAN

ELECTRICAL SITE PLAN SCALE = 1" = 30'-0"

GENERAL DEMOLITION SITE NOTES

- DIVISION 26 SHALL VISIT THE SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTIONS AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK THEY WILL CONTRACT TO PERFORM. DIVISION 26 SHALL COORDINATE PROJECT PHASING WITH THE GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO CONTRACT EXPECTATIONS.
- MAINTAIN AND PROTECT EXISTING UTILITY SERVICES AND ELECTRIFIED EQUIPMENT FOR EXISTING FACILITIES. COORDINATE REQUIRED DISRUPTION OF THESE SERVICES WITH OWNER PRIOR TO DISCONNECTING, PROVIDE TEMPORARY UTILITY SERVICES TO KEEP FACILITIES IN OPERATION DURING UTILITY RELOCATION INCLUDING BUT NOT LIMITED TO FIRE WATCHES, ELECTRICAL GENERATORS, ETC.
- ANY ELECTRICAL ROUGH-IN, EQUIPMENT AND CONDUIT PATHWAYS ARE DIAGRAMMATICALLY SHOWN ON THE DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING, AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR.
- DIVISION 26 SHALL BLUE STAKE THE AREA OF NEW CONSTRUCTION PRIOR TO EXCAVATION FOR FOOTINGS, ETC. IDENTIFY BURIED ELECTRICAL SYSTEMS(UTILITIES, POWER, COMMUNICATIONS, ETC.) AND COORDINATE LOCATIONS WITH THE GENERAL CONTRACTOR. IF EXISTING ELECTRICAL SYSTEMS ARE DISTURBED (POWER, AUXILIARY, ETC.) E.C. SHALL MAKE NECESSARY REPAIRS (AS APPROVED BY DISTRICT REPRESENTATIVE) AS PART OF THIS CONTRACT.
- CONTRACTOR TO CLOSELY COORDINATE ALL NEW AND EXISTING DEVICE LOCATIONS WITH CIVIL DRAWINGS. CONTRACTOR TO VERIFY ALL FINAL GRADE REQUIREMENTS WITH CIVIL DRAWINGS.
- CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH THE GENERAL, HEAD CUSTODIAN, AND OWNER
- TRENCHING AND BACKFILL: LOCATE AND PROTECT EXISTING UTILITIES AND OTHER UNDERGROUND WORK IN A MANNER THAT WILL ENSURE THAT NO DAMAGE OR SERVICE INTERRUPTIONS WILL RESULT FROM EXCAVATING AND BACKFILLING, PERFORM EXCAVATION IN A MANNER THAT PROTECTS WALLS, FOOTINGS, AND OTHER STRUCTURAL MEMBERS FROM BEING DISTURBED OR DAMAGED IN ANY WAY. BURIAL DEPTHS MUST COMPLY WITH NEC SECTION 300-5 (OR STATE OF UTAH REQUIREMENTS, WHICHEVER IS MORE STRINGENT), UNLESS NOTED OTHERWISE. PATCH AND REPAIR ROADS, PARKING AREAS, SIDEWALKS, CURBS, OTHER PAVED AREAS, PLANTING AND ANY OTHER DISTURBED AREAS CAUSED BY THE ELECTRICAL CONTRACTOR DURING CONSTRUCTION.
- BORING, TRENCHING, ASPHALT CUTTING AND PATCHWORK BY DIVISION 26. ANY CONCRETE THAT NEEDS TO BE REMOVED TO COMPLETE WORK WILL BE THE RESPONSIBILITY OF DIVISION 26. SCHEDULING OF THE TRENCHING SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY THE OWNER.
- CABLE RUNS SHALL BE MARKED WITH RED PLASTIC MARKING TAPE INSTALLED IN THE TRENCH ONE FOOT BELOW SURFACE. BACKFILL SHALL BE FREE OF ROCKS AND OTHER OBJECTS WHICH MIGHT DAMAGE THE CABLE
- 10. TRENCHING, ASPHALT CUTTING AND PATCHWORK BY DIVISION 26. ANY CONCRETE THAT NEEDS TO BE REMOVED TO COMPLETE WORK WILL BE THE RESPONSIBILITY OF DIVISION 26. SCHEDULING OF THE TRENCHING AND INSTALLATION OF CABLE SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY THE OWNER.
- INSPECT ALL CONDUIT(S) WITH CAMERA TO CONFIRM THAT CONDUIT(S) HAVE NOT BEEN CRUSHED OR BROKEN. CAP OPEN ENDS OF CONDUITS AND INSTALL A 200 LB. NYLON PULL CORD IN EACH EMPTY CONDUIT RUN.
- 12. PROVIDE PLANS, PHOTO DOCUMENTATION AND GPS COORDINATES INDICATING THE LOCATION OF ANY AND ALL CONDUITS INTENDED FOR FUTURE USE BY OWNER. SUBMIT DOCUMENTATION WITH O&Ms.
- 13. VERIFY LOCATION OF LIGHT POLES WITH THE OWNER AND ARCHITECT PRIOR TO ROUGH-IN. PROVIDE HAND-RUBBED FINISHES FOR ALL SITE POLES. REFER TO DIAGRAM C003 FOR ADDITIONAL NFORMATION.
- 14. CONTRACTOR TO PROVIDE PULL BOXES AS REQUIRED PER NEC AND NECESSARY TO PROVIDE SUCCESSFUL CABLE PULLS.
- 15. LABEL ALL ELECTRICAL GEAR WITH BOTH CONSTRUCTION DRAWING-ROOM #S AND FINAL CONSUMER ROOM #S

SHEET KEYNOTES

- PROVIDE NEW CIRCUIT 480V/3P LIGHTING CIRCUITS AS INDICATED. ROUTE BRANCH CIRCUITS THROUGH NEW E1 LIGHTING RELAY PANEL FIRST AND ON THROUGH THE EXISTING BUILDING. PROVIDE NEW 20A 3P BREAKER WITHIN EXISTING PANELBOARD INDICATED AND TERMINATE CIRCUIT AS REQUIRED.
- PROVIDE NEW CIRCUIT 120V/1P POWER CIRCUIT FOR MARQUEE SIGN AS INDICATED. ROUTE BRANCH E2 CIRCUITS THROUGH EXISTING BUILDING AND PULL BOXES AS REQUIRED. PROVIDE NEW 25A 1P BREAKER WITHIN EXISTING PANELBOARD INDICATED AND TERMINATE CIRCUIT AS REQUIRED.
- E3 PROVIDE NEW UNDERGROUND J-BOX AS SHOWN. CONTINUE NEW 480V 3P LIGHTING BRANCH CIRCUITS FOR SITE LUMINARIES (ROUTING IS DIAGRAMMATICALLY SHOWN, ADJUST AS NEEDED). WIRE EACH 480V 1P LUMINAIRE ACCORDINGLY WHILE DISTRIBUTING LIGHTING LOAD EVENLY ACROSS ALL THREE PHASES e.g. AB (FIRST), CA (SECOND), BC (THIRD) ETC.
- PROVIDE CONDUIT FOR FUTURE FIBER FOR MARQUEE SIGN AND ROUTE THROUGH UNDERGROUND J-BOXES AS SHOWN. CONTINUE CONDUIT INTO BUILDING WHILE STUBBING AND CAPPING THE CONDUIT ABOVE CEILING IN THE TEACHER PREP ROOM. PROVIDE PULL ROPE THROUGH-OUT THE ENTIRE RUN AND LABEL 'MARQUEE FIBER".
- MARQUEE SIGN BID ALTERNATE #1: IF ACCEPTED: PROVIDE (2) UNDERGROUND JUNCTION BOXES (POWER E5 AND LOW VOLTAGE) NEAR MARQUEE SIGN. FIELD COORDINATE EXACT LOCATION WITH LANDSCAPE AND CIVI DRAWINGS, PROVIDE THE CONDUIT AND BRANCH CIRCUIT INDICATED, CONDUCTORS UPSIZED FOR VOLTAGE DROP. PROVIDE REDUCERS OR POLARIS LUGS AS NEEDED. PROVIDE CONDUIT AND WIRING BETWEEN J-BOXES AND WIRING MARQUEE SIGN COMPLETELY. COORDINATE STUB-UP LOCATIONS WITHIN THE MARQUEE SIGN BASE WITH MARQUEE SHOP DRAWINGS, LED SIGN SHOP DRAWINGS, AND ARCHITECTURAL SIGN DETAIL B/SD1.1. IF NOT ACCEPTED: PROVIDE ONLY CONDUIT, GROUND BOXES, AND PULL ROPE.
- PROVIDE CONDUIT PATHWAYS/BRANCH CIRCUITS AND FUTURE FIBER SPARE AS INDICATED, GROUP E6 CONDUITS AS REQUIRED TO MINIMIZE CONDUITS ALONG EXISTING WALL. TRENCH THROUGH AREA SLATED FOR CONCRETE DEMO AND LANDSCAPING AS REQUIRED. RISE UP WITH CONDUITS NEAT AND TIGHT ONTO THE BUILDING UTILIZING RIGID CONDUIT BODIES. PAINT NEW AND EXISTING CONDUITS TO MATCH EXTERIOR
- PROVIDE A LIGHTING CONTROL PANEL RELAY CAPABLE OF (2)480V/3-POLE AND (2)120/277V/1-POLE RELAYS. E7 LIGHTING CONTROL PANEL MUST HAVE BUILT-IN TIME SCHEDULING. PHOTOCELL, AND AN ASTRONOMICAL CLOCK, 7-DAY SCHEDULE WITH HOLIDAYS AND PROTECTION FOR LOSS OF POWER TO PREVENT LOSS OF SCHEDULE. PROVIDE CONTROL CIRCUIT FROM NEAREST 120V SOURCE. MOUNT RELAY PANEL WITHIN EXISTING JANITOR CLOSET. ADDITIONALLY, LOCATE PHOTOCELL ON NORTH SIDE OF THE BUILDING AND TIE INTO CONTROLLER. PROGRAM AND CREATE SCHEDULES FOR NEW SITE POLES PER THE OWNER'S REQUIREMENTS.
- EXISTING 120/208V 3P. (GE A-SERIES COMPATIBILITY) PANELBOARD. REMOVE ANY CIRCUITS NOT UTILIZED E8 FOR NEW CONSTRUCTION BACK TO PANELBOARD. ADJUST EXISTING BREAKERS AS NECESSARY WITHIN EXISTING PANELBOARD TO ALLOW FOR SPACE FOR NEW BREAKERS/CIRCUITS INDICATED ON ELECTRICAL PLAN. PROVIDE NEW UPDATED TYPED INDEX CARD IDENTIFYING NEW AND REMAINING CIRCUITS.
- EXISTING 277/480V 3P. (GE A-SERIES COMPATIBILITY) PANELBOARD. REMOVE ANY CIRCUITS NOT UTILIZED E9 FOR NEW CONSTRUCTION BACK TO PANELBOARD. ADJUST EXISTING BREAKERS AS NECESSARY WITHIN EXISTING PANELBOARD TO ALLOW FOR SPACE FOR NEW BREAKERS/CIRCUITS INDICATED ON ELECTRICAL PLAN. PROVIDE NEW UPDATED TYPED INDEX CARD IDENTIFYING NEW AND REMAINING CIRCUITS.

Naylor Wentworth Lund Architects

723 West Pacific Ave. Suite 101 Salt Lake City, Utah 84104

Jordan School District 7905 South Redwood Road West Jordan, Utah 84088

Project For

The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition 10245 South 2700 West South Jordan, Utah

Project Phase Bid Documents

JANUARY 22, 2024 Sheet Title ELECTRICAL SITE PLAN

