# Truckee Children's Museum & Science Center



# PROJECT SCOPE

DESCRIPTION OF OVERALL SCOPE OF WORK	
THIS PROJECT IS LOCATED IN THE EASTERN EDGE OF THE TRUCKEE REGIONAL PARK IN T CALIFORNIA. THE COMPLETE SCOPE OF WORK INCLUDES A 10,500 SF CHILDREN'S MUSEU INCLUDES EXHIBIT SPACE, OFFICE AREA, A SMALL LUNCH ROOM, AND A SMALL STORE. SI IMPROVEMENTS INCLUDE A PARKING LOT, A FIRE ACCESS LANE, AND FENCED IN OUTDOC AREA.	M WHICH TE

PROJECT INFORMATION

APN#:	
PROJECT NAME:	
PROJECT ADDRESS:	
SITE AREA	
DEMOLITION BUILDING	
NEW CONSTRUCTION	
TOTAL SITE AREA	
BUILDING AREA	
BUILDING USE	
CONSTRUCTION TYPE	
NUMBER OF STORIES	
BLDG HEIGHT	

ZONIN

# 019-450-035 TRUCKEE CHILDREN'S MUSEUM & SCIENCE CENTER 10010 ESTATES DR. TRUCKEE, CA, 96161

0 ACRES 10,500 SF 1.7 ACRES 10,500 SF MUSEUM II-B 30' - 0"

# PARTIAL LIST OF APPLICABLE CODES

CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH:				
2022 CALIFORNIA ADMINISTRATIVE CODE, C.C.R., TITLE 24, PART 1.				
2022 CALIFORNIA BUILDING CODE (CBC), - C.C.R., TITLE 24, PART 2. (2021 INTERNATIONAL BUILDING CODE, VOLUMES 1-2, & 2022 CALIFORNIA AMENDMENTS)				
2022 CALIFORNIA ELECTRICAL CODE (CEC), - C.C.R., TITLE 24, PART 3. (2020 NFPA 70, NATIONAL ELECTRICAL CODE, WITH CALIFORNIA AMENDMENTS)				
2022 CALIFORNIA MECHANICAL CODE (CMC), - C.C.R., TITLE 24, PART 4. (2018 MECHANICAL CODE, WITH CALIFORNIA AMENDMENTS)				
2022 CALIFORNIA PLUMBING CODE (CPC), - C.C.R., TITLE 24, PART 5. (2021 INTERNATIONAL PLUMBING CODE, WITH CALIFORNIA AMENDMENTS)				
2022 CALIFORNIA ENERGY CODE (CEC), - C.C.R., TITLE 24, PART 6.				
2022 CALIFORNIA FIRE CODE, C.C.R., TITLE 24, PART 9. (2021 INTERNATIONAL FIRE CODE, WITH CALIFORNIA AMENDMENTS)				
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), C.C.R., TITLE 24, PART 11.				
2022 CALIFORNIA REFERENCED STANDARDS, C.C.R., TITLE 24, PART 12.				
C.C.R., PUBLIC SAFETY CODE, TITLE 19, DIVISION 1, STATE FIRE MARSHAL REGULATIONS				
<u>NOTES:</u> 1. WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THESE CODES, INCLUDING REFERENCED STANDARDS WITHIN, AND APPLICABLE LOCAL ORDINANCES. WHERE CONTRACT DOCUMENTS EXCEED SUCH REQUIREMENTS, WITHOUT VIOLATING SUCH CODES, REGULATIONS AND ORDINANCES, CONTRACT DOCUMENTS TAKE PRECEDENCE. WHERE CODES CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.				

# PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	INSTALLATION OF SPRINKLER SYSTEMS	2022 EDITION
NFPA 14	INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2019 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2024 EDITION
NFPA 17a	WET CHEMICAL EXTINGUISHER SYSTEMS	2024 EDITION
NFPA 20	INSTL. OF STATIONARY PUMPS FOR FIRE PROTECT.	2022 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CA AMENDED)	
	UL STD 1971 FOR VISUAL DEVICES	2022 EDITION
NFPA 80	FIRE DOOR AND OTHER OPENING PROTECTIVES	2022 EDITION
NFPA 92	STANDARD FOR SMOKE CONTROL SYSTEM	2021 EDITION
UL 464	AUDIBLE SIGNAL APPLIANCES	2003 EDITION
UL 521	HEAT DETECTORS FOR FIRE PROTECTIVE	
	SIGNALING SYSTEMS	1999 EDITION

REFERENCE CODE SECTION FOR NFPA STANDARDS - 2022 CBC (SFM) CHAPTER 35 SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS

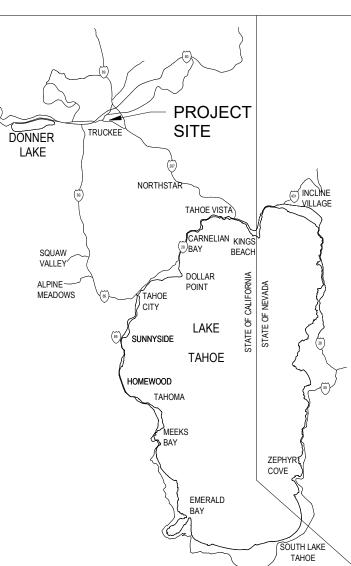
VICINITY MAP



PF (PUBLIC FACILITIES)

# **SCHEMATIC DESIGN**

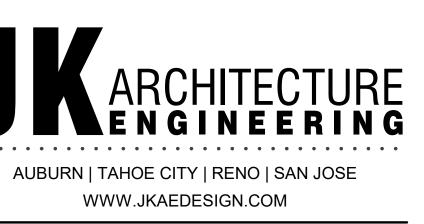
CLIENT:	SIERRA NEV	ADA CHILDREN'S MUSEUM
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	PHONE EMAIL	530-587-5437 DIRECTOR@KIDZONEMUSEUM.ORG
GENERAL		C
CONTRACTOR:	CORE CONS	TRUCTION   WEST
	CONTACT	
	TITLE	PROJECT MANAGER
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	PHONE EMAIL	775-447-6200 GARYWILLIAMS@CORECONSTRUCTION.COM
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	CONTACT	KELLY HOBSTETTER
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	EMAIL	KOBIE@ENON IEED DO.COM
	<u>BUEHLER EN</u>	NGINEERING
	<u>BUEHLER EN</u> CONTACT	NGINEERING LARRY JONES
STRUCTURAL ENGINEER:	BUEHLER EN CONTACT TITLE	VGINEERING LARRY JONES SENIOR PRINCIPAL
	<u>BUEHLER EN</u> CONTACT	<u>VGINEERING</u> LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200
	BUEHLER EN CONTACT TITLE	VGINEERING LARRY JONES SENIOR PRINCIPAL
	BUEHLER EN CONTACT TITLE ADDRESS	<u>VGINEERING</u> LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200 SACRAMENTO, CA 95811
ENGINEER:	BUEHLER EN CONTACT TITLE ADDRESS PHONE EMAIL	NGINEERING LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200 SACRAMENTO, CA 95811 (916) 443-0303 X 264
ENGINEER: MECH / ELEC / PLU	BUEHLER EN CONTACT TITLE ADDRESS PHONE EMAIL MB SUGARPINE	NGINEERING LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200 SACRAMENTO, CA 95811 (916) 443-0303 X 264 LJONES@BUEHLERENGINEERING.COM
ENGINEER: MECH / ELEC / PLU	BUEHLER EN CONTACT TITLE ADDRESS PHONE EMAIL MB SUGARPINE CONTACT	NGINEERING LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200 SACRAMENTO, CA 95811 (916) 443-0303 X 264 LJONES@BUEHLERENGINEERING.COM ENGINEERING MARK SCHLOSSER
	BUEHLER EN CONTACT TITLE ADDRESS PHONE EMAIL MB SUGARPINE	NGINEERING LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200 SACRAMENTO, CA 95811 (916) 443-0303 X 264 LJONES@BUEHLERENGINEERING.COM ENGINEERING MARK SCHLOSSER 12710 NORTHWOODS BLVD, SUITE 3
ENGINEER: MECH / ELEC / PLU	BUEHLER EN CONTACT TITLE ADDRESS PHONE EMAIL MB SUGARPINE CONTACT	NGINEERING LARRY JONES SENIOR PRINCIPAL 600 Q STREET, SUITE 200 SACRAMENTO, CA 95811 (916) 443-0303 X 264 LJONES@BUEHLERENGINEERING.COM ENGINEERING MARK SCHLOSSER

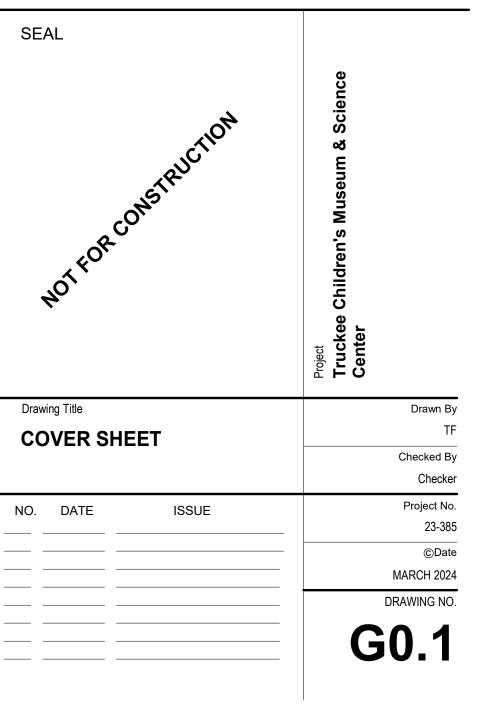


GENERAL	COVER SHEET
	COVER SHEET
CIVIL C3.0 C4.0 C4.1 C5.0 C5.1 C6.0	EXISTING CONDITIONS & DEMOLITION PLAN GRADING & DRAINAGE GRADING & DRAINAGE SITE LAYOUT & UTILITIES PLAN SITE LAYOUT & UTILITIES PLAN SEDIMENT & EROSION CONTROL PLAN
LANDSCAPE LS-1.0 LS-1.1 LT-2.0 LT-3.0 LT-3.1 LP-4.0 LP-4.1 LP-4.2	PRELIMINARY SITE PLAN PRELIMINARY SITE NOTES AND DETAILS PRELIMINARY TREE PRESERVATION PLAN PRELIMINARY IRRIGATION PLAN PRELIMINARY IRRIGATION NOTES AND DETAILS PRELIMINARY PLANTING PLAN PRELIMINARY PLANTING NOTES AND DETAILS PRELIMINARY PLANTING NOTES AND DETAILS
ARCHITECTUR A1.0.1 A1.1.1 A2.1.1 A2.1.2 A4.1.1 A5.1.1 A5.1.2	RAL OVERALL SITE PLAN SOLAR SHADE ANALYSIS OVERALL FLOOR PLAN TRASH ENCLOSURE PLAN ROOF PLAN - OVERALL OVERALL EXTERIOR ELEVATIONS SIGNAGE
<u>ELECTRICAL</u> E1.1 E1.2	ELECTRICAL COVER SHEET EXTERIOR PHOTOMETRIC ANALYSIS

SHEET INDEX

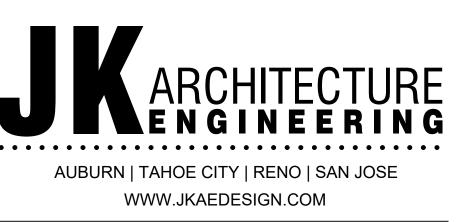
SEAL



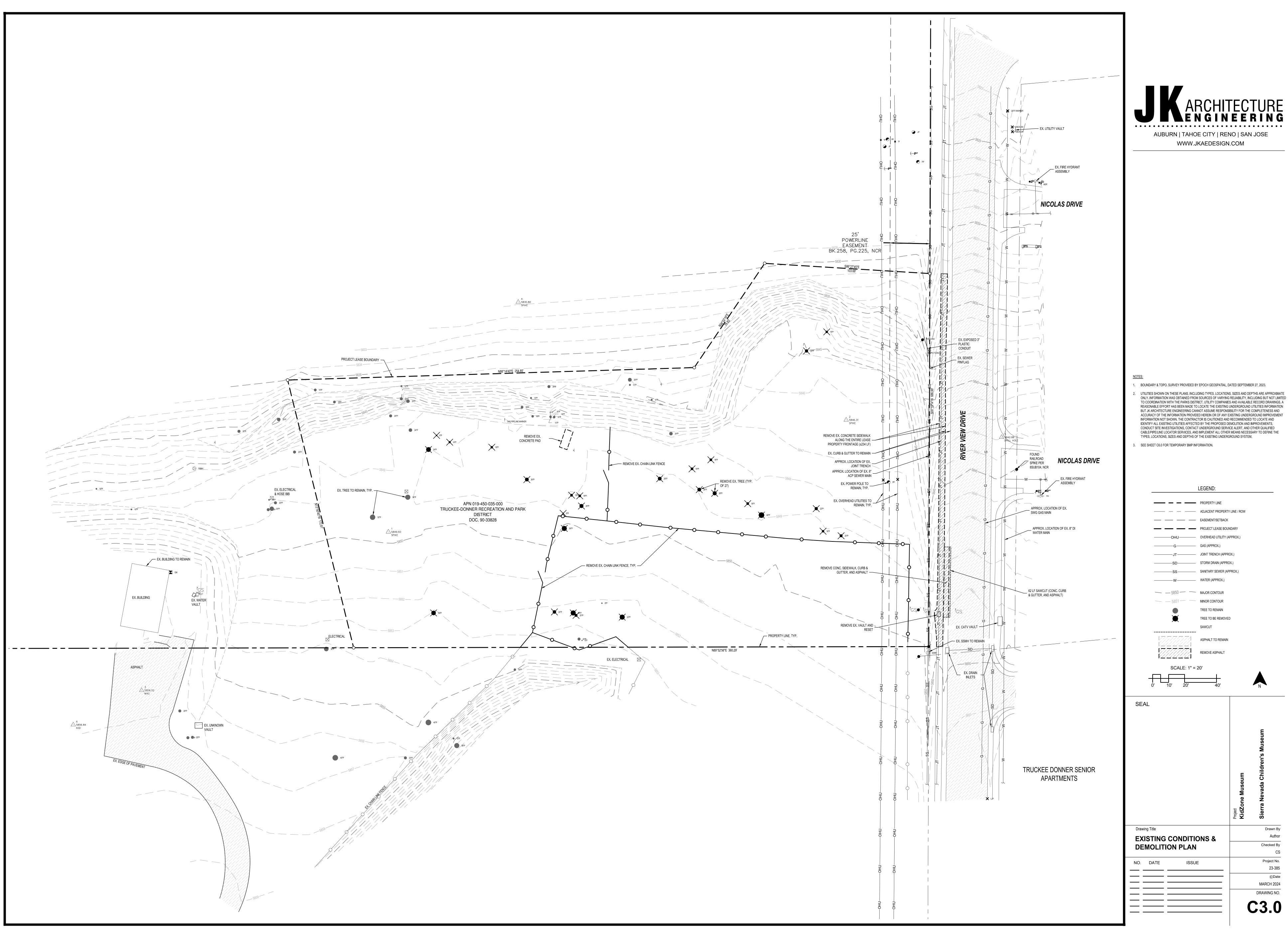


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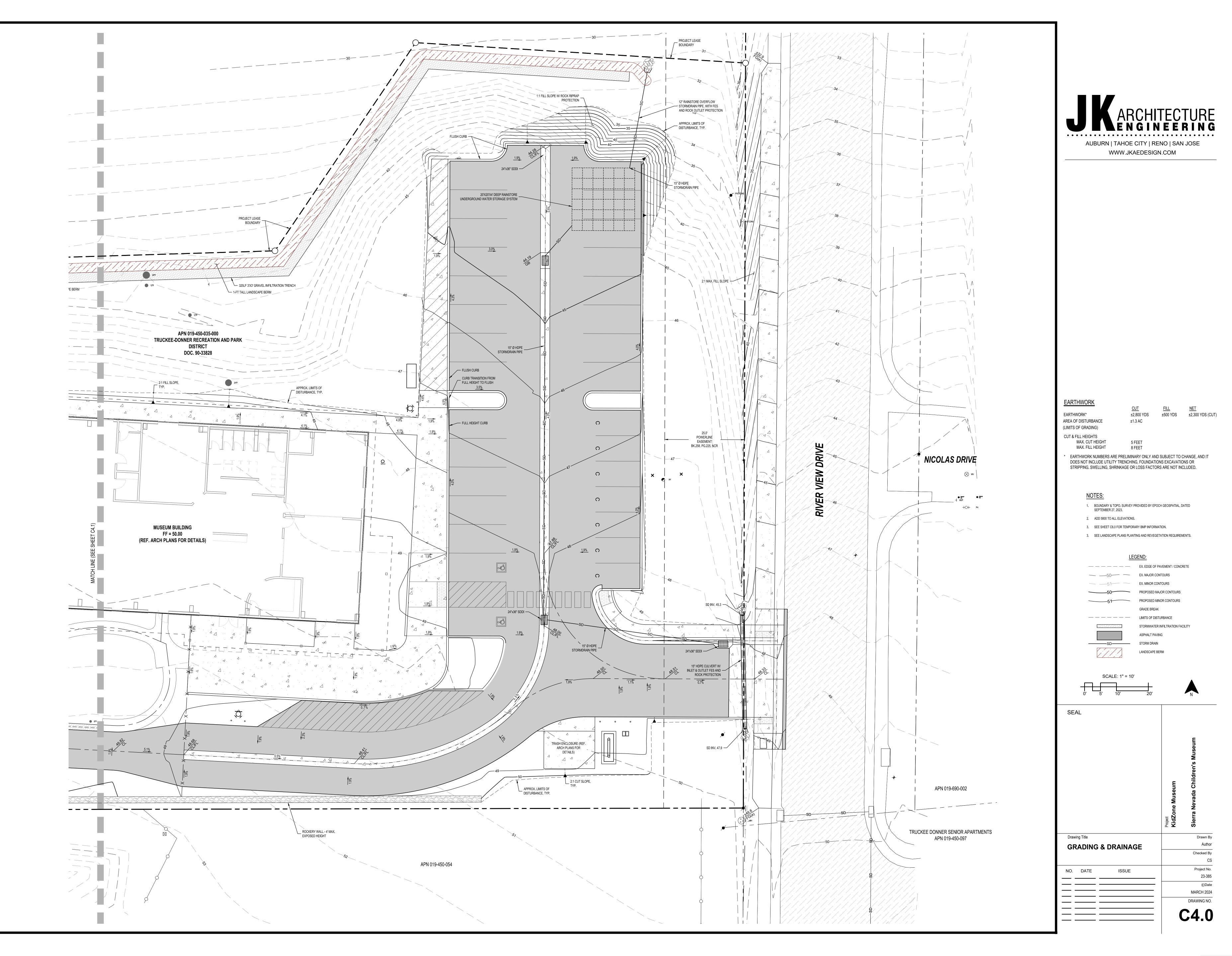
ABBREVIATIONS	GENERAL NOTES	TOWN OF TRUCKEE NOTES
ØDIAMETERLATLATERAL°DEGREESLFLINEAR FOOT±PLUS/MINUSLONGLONGITUDINAL	1. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE STATE AND LOCAL GOVERNING AGENCIES AND JURISDICTIONS.	1. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE REQUIREMENTS OF TOWN OF TRUCKEE PUBLIC IMPROVEMENT AND ENGINEERING STANDARDS DATED APRIL, 2003. ALL REFERENCES TO THE STANDARD SPECIFICATIONS SHALL REFER TO LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF
@ATLPLOW POINT=EQUALSLSLUMP SUMAGAVERAGELTLEFTARVAIR RELEASE VALVEMAXMAXIMUM	<ol> <li>THE CONTRACTOR SHALL GIVE THE TOWN INSPECTOR A MINIMUM OF TWO (2) WORKING DAYS ADVANCE NOTICE FOR INSPECTION SERVICES.</li> <li>ALL REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY THE ENGINEER, WHO WILL OBTAIN APPROVAL FROM THE TOWN PRIOR TO CONSTRUCTION OF AFFECTED ITEMS. REVISIONS WILL BE</li> </ol>	<ol> <li>TRANSPORTATION STANDARD SPECIFICATIONS. ATTENTION IS ALSO DIRECTED TO THE TOWN OF TRUCKEE STANDARD PLAN DETAILS.</li> <li>TOWN, DEPARTMENT OR ENGINEER, AS USED ON THESE PLANS AND NOTES, REFERS TO THE TOWN ENGINEER</li> </ol>
BMP       BEST MANAGEMENT PRACTICE       MH       MANHOLE         BC       BACK OF CURB       ME       MATCH EXISTING         BSW       BACK OF SIDEWALK       MIN       MINIMUM         BW       BOTTOM OF WALL       MPH       MILES PER HOUR	<ul> <li>WILL OBTAIN APPROVAL FROM THE TOWN PRIOR TO CONSTRUCTION OF AFFECTED ITEMS. REVISIONS WILL BE ACCURATELY SHOWN ON REVISED PLANS, WHICH WILL BE REVIEWED AND APPROVED BY THE ENGINEER OF RECORD AND TOWN PRIOR TO INSTALLATION OF THE IMPROVEMENTS.</li> <li>PROTECT ADJOINING (PROPERTY, TREES, LANDSCAPING, UTILITIES, SIDEWALKS, STREETS, STRUCTURES AND</li> </ul>	<ol> <li>OF THE TOWN OF TRUCKEE OR AN AUTHORIZED AGENT APPOINTED BY THE TOWN ENGINEER.</li> <li>PUBLIC SAFETY AND TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH TOWN REQUIREMENTS AND AS DIRECTED BY THE ENGINEER. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL</li> </ol>
BVC     BEGIN VERTICAL CURVE     M.R.J.     MECHANICALLY RESTRAINED JOINT       C     CABLE TV     OC     ON CENTER       C&G     CURB & GUTTER     OD     OUTSIDE DIAMETER       CF     CUBIC FOOT     OH     OVERHEAD	4. PROTECT ADJOINING (PROPERTY, TREES, LANDSCAPING, UTILITIES, SIDEWALKS, STREETS, STRUCTURES AND OTHER FEATURES) FROM DAMAGE BY CONTRACTORS OPERATIONS. REPLACE/REPAIR DAMAGED (PROPERTY, TREES, LANDSCAPING, UTILITIES, SIDEWALKS, STREETS, STRUCTURES AND OTHER FEATURES) TO SATISFACTION OF THE TOWN ENGINEER.	<ul> <li>4. ALL FIELD STAKING SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR. THE OWNER SHALL PROVIDE ONE SET OF CONSTRUCTION CONTROL STAKES; ANY ADDITIONAL STAKING</li> </ul>
CFSCUBIC FOOT PER SECONDOHEOVERHEAD ELECTRICCLCENTERLINEPPRIMARY POWERCMPCORRUGATED METAL PIPEPCPOINT OF CURVATURE	5. ALL STREET MONUMENTS AND OTHER PERMANENT MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR BEFORE ACCEPTANCE OF THE IMPROVEMENTS BY THE TOWN. MONUMENTS SHALL BE SET BY A SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.	<ul><li>NECESSARY SHALL BE PROVIDED BY THE ENGINEER/SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.</li><li>5. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, THEY ARE</li></ul>
DNCCONCRETEPIPOINT OF INTERSECTIONCYCUBIC YARDPLPROPERTY LINEDIADIAMETERPOCPOINT OF CONNECTION	6. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEATHING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL COMPLETE THE NECESSARY REPAIRS OR	RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF THE IMPROVEMENTS SHOWN ON THESE PLANS. CALL "UNDERGROUND SERVICE ALERT" AT 811 TWO (2) DAYS MINIMUM TO FOURTEEN (14) DAYS MAXIMUM BEFORE ANY EXCAVATION IS STARTED.
DBHDIAMETER BREAST HEIGHTPMPPERFORATED METAL PIPEDETDETAILPROPPROPOSEDDGDECOMPOSED GRANITEPTPOINT OF TANGENCYDIDRAINAGE INLET, DROP INLETPUEPUBLIC UTILITY EASEMENT	RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE (5) FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE SHEATHING, SHORING AND BRACING IN CONFORMANCE WITH THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE THE STATE. THE CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS AT ALL TIMES.	<ol> <li>CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. MONUMENTS AND SURVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.</li> </ol>
DIPDUCTILE IRON PIPEPVCPOLYVINYL CHRLORIDEDWYDRIVEWAYPVIPOINT OF VERTICAL INTERSECTION/EX.EXISTINGRRADIUSEAEACHR/WRIGHT OF WAY	<ol> <li>WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT, REQUEST CLARIFICATION FROM THE OWNER'S REPRESENTATIVE.</li> </ol>	<ol> <li>ALL ASPHALT CONCRETE SURFACES SHALL BE SAWCUT TWO FEET MINIMUM INSIDE THE EDGE OF PAVEMENT TO A NEAT, STRAIGHT LINE AND REMOVED. THE EXPOSED EDGE SHALL BE SEALED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED AND RESEALED PRIOR TO PAVING.</li> </ol>
ASE EASEMENT RC RELATIVE COMPACTION EG EXISTING GRADE REQD. REQUIRED LEV ELEVATION RIM RIM ELEVATION ENG ENGINEER ROW RIGHT OF WAY	8. EXISTING UTILITIES SHOWN ON THESE PLANS, INCLUDING TYPES, LOCATIONS, SIZES AND DEPTHS ARE APPROXIMATE ONLY. INFORMATION WAS OBTAINED FROM SOURCES OF VARYING RELIABILITY, INCLUDING BUT NOT LIMITED TO THE TOPOGRAPHIC SURVEY, UTILITY COMPANIES AND AVAILABLE RECORD DRAWINGS. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE THE EXISTING UNDERGROUND UTILITIES INFORMATION	<ol> <li>CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL PER SECTION 10 OF THE STANDARD SPECIFICATIONS.</li> </ol>
EPEDGE OF PAVEMENTRSPROCK SLOPE PROTECTIONEVCEND OF VERTICAL CURVERTRIGHTFFEFINISH FLOOR ELEVATIONSSLOPE, SECONDARY POWERFGFINISHED GRADESCSAW CUT	BUT THE ENGINEER CANNOT ASSUME RESPONSIBILITY FOR THE COMPLETENESS AND ACCURACY OF THE INFORMATION PROVIDED HEREIN OR OF ANY EXISTING UNDERGROUND IMPROVEMENT INFORMATION NOT SHOWN. THE CONTRACTOR IS CAUTIONED AND RECOMMENDED TO LOCATE AND IDENTIFY ALL EXISTING UTILITIES AFFECTED BY THE PROPOSED DEMOLITION AND IMPROVEMENTS, CONDUCT SITE INVESTIGATIONS,	<ol> <li>NO CONSTRUCTION SHALL BE DONE BETWEEN OCTOBER 15 AND MAY 1 WITHOUT A TOWN APPROVED SEDIMENT/EROSION CONTROL PLAN TO PREVENT SOIL EROSION. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD BEST MANAGEMENT PRACTICES.</li> </ol>
FMFORCE MAINSDSTORM DRAINFHFIRE HYDRANTSDMHSTORM DRAIN MANHOLEFLFLOW LINESESLOPE EASEMENTFNDFOUNDSFSQUARE FOOT	CONTACT UNDERGROUND SERVICE ALERT, AND OTHER QUALIFIED CABLE/PIPE/LINE LOCATOR SERVICES, AND IMPLEMENT ALL OTHER MEANS NECESSARY TO DEFINE THE TYPES, LOCATIONS, SIZES AND DEPTHS OF THE EXISTING UNDERGROUND SYSTEM.	10. INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF SIGNIFICANT EROSION AND SILTATION ENTERING THE STORMDRAIN SYSTEM. NATURAL DRAINAGE COURSES AND/OR INTRUDING UPON
F/OFIBER OPTIC LINESSGSUBGRADEFCFACE OF CURBSSSANITARY SEWERFOGFOG LINESSCOSANITARY SEWER CLEAN OUT	<ol> <li>9. ALL EXISTING UTILITIES TO REMAIN SHALL BE ADEQUATELY PROTECTED. THE GRADING CONTRACTOR SHALL COVER ALL COSTS FOR REPAIR OF ANY DAMAGE TO EXISTING UTILITIES TO REMAIN CAUSED DURING CONSTRUCTION.</li> <li>40. IN ACCORDANCE WITH CENERALLY ACCEPTED CONSTRUCTION PRACTICES THE CONTRACTOR WITH RE-</li> </ol>	ADJACENT ROADWAYS AND PROPERTIES. WINTERIZATION AND EROSION CONTROL SHOWN ON THESE PLANS IS INTENDED AS A GUIDE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER. THIS RESPONSIBILITY SHALL APPLY THROUGHOUT THE COURSE
GGASSTSTREETGBGRADE BREAKSTASTATIONGFGARAGE FINISH FLOORSTDSTANDARD	10. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.	OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS HAVE BECOME STABILIZED AND SHALL NOT BE LIMITED TO WET WEATHER PERIODS. 11. AFTER STRIPPING THE DEBRIS, ANY EXISTING LOOSE FILL, UNSUITABLE SOIL, SILTY, SAND DEPOSITS, OR
GFLGRATE FLOWLINESWMSTORMWATER MANAGEMENTGRGRATE TOPSWSIDEWALK, SWALEGTDGRADE TO DRAINTTELEPHONEGVGATE VALVETCTOP OF CURB	11. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER. THE WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LAWS, LOCAL ORDINANCES, PERMITS AND THE CONTRACT DOCUMENTS. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION FREE OF DEERIS AND LITTER AND SHALL NOT BE UNREASONABLY ENCLIMPERED WITH ANY MATERIALS OF FOURIEMENT.	DISTURBED NATURAL SOILS SHALL BE EXCAVATED AND PROPERLY DISPOSED OF TO THE SATISFACTION OF THE ENGINEER. 12. THE CONTRACTOR SHALL REMOVE ALL ROAD MARKINGS, PAVEMENT MARKERS, AND OTHER DELINEATION
DPEHIGH DENSITY POLYETHYLENETOETOE OF SLOPEDRIZHORIZONTALTOPTOP, TOP OF SLOPEHPHIGH POINTTWTOP OF WALLHYDFIRE HYDRANT(TYP)TYPICAL	DEBRIS AND LITTER AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUB-CONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS/HER WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION. 12. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY	<ul> <li>THAT ARE IN CONFLICT WITH THE DELINEATION SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.</li> <li>THE CONTRACTOR SHALL LAYOUT ALL PAVEMENT MARKINGS FOR APPROVAL BY THE ENGINEER.</li> <li>13. ASPHALT CONCRETE (AC) MIX DESIGN AND SPECIFICATIONS FOR PAVING SHALL CONFORM TO THE LATEST</li> </ul>
IDINNER DIAMETERVĆVERTICAL CURVEINVINVERT ELEVATIONVERTVERTICALNTXINTERSECTIONVIFVERIFY IN FIELDIPIRON PIPEWWATER	<ul> <li>12. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.</li> <li>13. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING FOR CONSISTENCY BETWEEN THE PLANS</li> </ul>	EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, "GREENBOOK". SPECIFIED LIFTS OF PG- 64-28, MINERAL AGGREGATE AC MIX SHALL BE USED AS APPROVED BY THE TOWN ENGINEER. 14. CONTRACTOR MUST IMMEDIATELY REINSTALL ANY TRAFFIC SIGNS REMOVED IN THE COURSE OF
IRR     IRRIGATION     WM     WATER MAIN, WATER METER       JT     JOINT TRENCH     WV     WATER VALVE       L     LENGTH     WV     WATER VALVE	AND ACTUAL FIELD CONDITIONS. IN THE EVENT ANY DISCREPANCIES OR INCONSISTENCIES ARE FOUND, THE CONTRACTOR SHALL STOP WORK AND CONTACT THE ENGINEER AND/OR DEVELOPER IMMEDIATELY TO SEEK RESOLUTION.	CONSTRUCTION. ANY SIGNS LOST OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. 15. CONTRACTOR MUST PROVIDE TEMPORARY TRAFFIC STRIPING IF EXISTING DELINEATION IS DESTROYED
EXISTING CONDITIONS	14. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION HE IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF THE IMPROVEMENTS SHOWN ON THESE PLANS. CALL "UNDERGROUND SERVICE ALERT" AT 811 TWO (2) DAYS MINIMUM TO FOURTEEN (14) DAYS MAXIMUM BEFORE ANY EXCAVATION IS STARTED.	DURING TRENCHING OR OTHER WORK. PAINTED MARKINGS OR STRIPING TAPE MAY BE USED. THE TEMPORARY STRIPING MUST BE APPROVED FOR MATERIAL AND LAYOUT BY THE ENGINEER BEFORE TRENCHING OR OTHER WORK IS STARTED. ALL TEMPORARY PAINTED MARKINGS THAT ARE TO BE REMOVED SHALL BE SANDBLASTED BY THE CONTRACTOR AT THE EXPENSE OF THE DEVELOPER.
PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL REVIEW RECORD DOCUMENTS AND VISIT THE SITE TO VERIFY THAT EXISTING CONDITIONS ARE AS SHOWN ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE INFORMATION SHOWN ON THESE PLANS.	15. ALL DISTURBED AREAS LEFT UNDEVELOPED FOR MORE THAT 30 DAYS SHALL BE TREATED WITH A DUST PALLIATIVE. DISTURBED AREAS LEFT UNDEVELOPED FOR MORE THAN 45 DAYS SHALL BE REVEGETATED. METHODS AND SEED MIX MUST BE IN ACCORDANCE WITH THE GOVERNING AGENCY REGULATIONS.	16. THE TOWN MAY REQUIRE THE CONTRACTOR TO UNCOVER ANY IMPROVEMENTS THAT HAVE BEEN COMPLETED WITHOUT PROPER TOWN INSPECTION AND/OR APPROVAL. IF THE INSTALLATION IS FOUND NOT TO MEET TOWN STANDARDS OR PREVIOUSLY APPROVED ALTERNATIVES SHOWN ON THE PLANS, THE CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE SUCH IMPROVEMENTS AT CONTRACTOR'S EXPENSE.
THE UTILITY INFORMATION SHOWN IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL REVIEW RECORD DRAWINGS AND CONDUCT FIELD INVESTIGATIONS TO VERIFY THE LOCATION AND ELEVATIONS OF EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN	<ol> <li>CONSTRUCTION EQUIPMENT SHALL BE LIMITED TO CONSTRUCTION AREAS TO MINIMIZE SITE DISTURBANCE.</li> <li>THE ENGINEER ASSUMES NO RESPONSIBILITY BEYOND THE ADEQUACY OF HIS/HER DESIGN CONTAINED HEREIN.</li> <li>THE CONTRACTOR SHALL KEEP DETAILED RECORDS AND AS-BUILTS SHOWING ALL MODIFICATIONS MADE TO THESE PLANS. THESE RECORDS AND AS-BUILTS SHALL BE PROVIDED TO THE ENGINEER AND OWNER UPON PROJECT COMPLETION.</li> </ol>	17. IF ANY ARCHAEOLOGICAL ARTIFACTS, EXOTIC ROCK (NON-NATIVE), OR UNUSUAL AMOUNTS OF SHELL OR BONE ARE UNCOVERED DURING ANY ON-SITE CONSTRUCTION ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY IN THE AREA AND A QUALIFIED ARCHAEOLOGIST RETAINED TO EVALUATE THE DEPOSIT. IF THE DISCOVERY CONSISTS OF HUMAN REMAINS, THE NEVADA COUNTY CORONER AND NATIVE AMERICAN HERITAGE COMMISSION MUST ALSO BE CONTACTED. WORK IN THE AREA MAY ONLY PROCEED AFTER AUTHORIZATION IS GRANTED BY THE TOWN OF TRUCKEE PLANNING DEPARTMENT.
EXISTING CONDITIONS AND INFORMATION SHOWN ON THESE PLANS. VERIFY THE ELEVATION AND LOCATION OF EXISTING UTILITIES AT CROSSINGS AND CONNECTION POINTS PRIOR TO START OF DEMOLITION. POTHOLE WHERE NEEDED TO VERIFY ELEVATION AND LOCATION OF EXISTING UTILITIES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT 811 AT LEAST TWO WORKING DAYS PRIOR	<ul> <li>PROJECT COMPLETION.</li> <li>19. CONTRACTOR TO KEEP ACCURATE RECORD OF THE FINAL LOCATION, ELEVATION AND DESCRIPTION OF WORK ON A COPY OF THE FINAL APPROVED PLANS. NOTE THE LOCATIONS AND ELEVATIONS OF EXISTING OR CONSTRUCTED IMPROVEMENTS THAT VARY FROM THE LOCATIONS SHOWN IN THESE PLANS. PROVIDE A COPY OF RECORD DRAWINGS TO OWNER'S REPRESENTATIVE AT PROJECT COMPLETION.</li> </ul>	18. THE CONTRACTOR SHALL INSURE THAT ALL CONSTRUCTION VEHICLES OR EQUIPMENT FIXED OR MOBILE, OPERATED WITHIN CLOSE PROXIMITY OF A RESIDENTIAL DWELLING SHALL BE EQUIPPED WITH PROPERLY OPERATING AND MAINTAINED MUFFLERS AT ALL TIMES DURING PROJECT CONSTRUCTION. IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN THE SERVICES OF A QUALIFIED ACOUSTICAL PROFESSIONAL TO VERIFY PROPER
TO START OF EXCAVATION OR GRADING WORK, AND FOR LOCATING EXISTING UTILITIES IN THE PROJECT SITE.	<ol> <li>ALL PROJECT-RELATED CONSTRUCTION TRAFFIC SHALL COMPLY WITH APPLICABLE PROVISIONS OF STATE LAWS RELATING TO SPEED CONTROL AND NOISE EMISSIONS.</li> <li>GRADING ACTIVITIES SHALL BE SCHEDULED TO ENSURE THAT REPEATED GRADING WILL NOT BE REQUIRED,</li> </ol>	EQUIPMENT MUFFLERS IF CONCERNS RELATING TO THE ISSUE ARISE. CONSTRUCTION NOISE EMANATING FROM ANY CONSTRUCTION ACTIVITIES FOR WHICH A CONSTRUCTION PERMIT OR GRADING PERMIT IS REQUIRED IS PROHIBITED ON SUNDAYS AND FEDERAL HOLIDAYS, AND SHALL ONLY OCCUR IN ACCORDANCE WITH "HOURS OF OPERATION OF CONSTRUCTION" PER TOWN REGULATIONS.
UTILITY NOTES	<ul> <li>AND THAT IMPLEMENTATION OF THE DESIRED LAND USE (E.G., CONSTRUCTION, PAVING, OR PLANTING) WILL OCCUR AS SOON AS POSSIBLE AFTER GRADING.</li> <li>22. DURING CLEARING, DEMOLITION, EARTH-MOVING EXCAVATION OPERATIONS, OR GRADING, FUGITIVE DUST EMISSIONS SHALL BE CONTROLLED BY REGULAR WATERING, PAVING OF CONSTRUCTION ROADS OR OTHER</li> </ul>	EROSION CONTROL & RE-VEGETATION
INSTALL UTILITIES IN ACCORDANCE WITH THE TOWN OF TRUCKEE AND APPROPRIATE UTILITY COMPANY STANDARDS. PROVIDE A MINIMUM OF TWELVE INCHES VERTICAL CLEARANCE BETWEEN ADJACENT UTILITY	DUST-PREVENTATIVE MEASURES (E.G., HYDROSEEDING, ETC.). CONFORM TO THE GUIDELINES FOR DUST CONTROL AND DUST ABATEMENT REQUIREMENTS SPECIFIED BY THE GOVERNING AGENCY. 23. THE CONTRACTOR SHALL MAINTAIN EQUIPMENT ENGINES IN GOOD CONDITION AND IN PROPER TUNE IN	<ol> <li>ALL EROSION CONTROL MEASURES AND RE-VEGETATION SHALL CONFORM TO THE TOWN OF TRUCKEE AND GOVERNING AGENCY REGULATIONS.</li> </ol>
PIPES AT UTILITY CROSSING UNLESS OTHERWISE NOTED ON PLANS OR AGENCY REGULATIONS. PROTECT UTILITIES FROM DAMAGE DURING COMPACTION PRIOR TO PLACEMENT OF THE FINAL FILL AND PAVEMENT SECTIONS.	COMPLIANCE WITH MANUFACTURE'S SPECIFICATIONS AND NOT ALLOW CONSTRUCTION EQUIPMENT TO BE LEFT IDLING FOR LONG PERIODS OF TIME. 24. PUBLIC SAFETY AND TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH GOVERNING AGENCY	<ol> <li>THE USE OF STRAW OR HAY BALES AS AN EROSION CONTROL METHOD IS PROHIBITED.</li> <li>TEMPORARY CONSTRUCTION FENCING: THE CONTRACTOR SHALL INSTALL A 4' TALL, BRIGHTLY COLORED (USUALLY YELLOW OR ORANGE), SYNTHETIC MESH MATERIAL FENCE (OR AN EQUIVALENT APPROVED BY THE CONFERMINE ACCENCY) AT THE FOLLOWING LOCATIONS PRIOR TO ANY CONSTRUCTION FOLLIPMENT REINCOMENT.</li> </ol>
USE H-20 RATED UTILITY BOXES AND LIDS IN PAVED AREAS OR AS REQUIRED BY THE TOWN OF TRUCKEE OR APPROPRIATE UTILITY COMPANY. PVC PIPE DERIVES ITS STRENGTH FROM THE COMPACTED BEDDING MATERIAL BELOW AND	REQUIREMENTS. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION. 25. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SUBVEY MARKERS. MONUMENTS AND SUBVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL RE	GOVERNING AGENCY) AT THE FOLLOWING LOCATIONS PRIOR TO ANY CONSTRUCTION EQUIPMENT BEING MOVED ON-SITE OR ANY CONSTRUCTION ACTIVITIES TAKING PLACE (ALTERNATIVELY, BLACK SILT FENCING WITH BRIGHTLY COLORED SIGNAGE INDICATING "PROTECTION AREA" MAY BE SUBSTITUTED): 3.1. ADJACENT TO ANY AND ALL WETLAND PRESERVATION EASEMENTS THAT ARE WITHIN 50' OF ANY
BESIDE THE PIPE HAUNCHES. CAREFULLY PLACE AND COMPACT PIPE BEDDING AND BACKFILL MATERIAL, AND ALSO THE INSERTION AND REMOVAL OF SHEET PILING ADJACENT TO IT. USE CAUTION WHEN OPERATING EQUIPMENT ON SUBGRADE NEAR PIPE INSTALLATIONS.	SURVEY MARKERS. MONUMENTS AND SURVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. 26. PERMANENT TRAFFIC SIGNS SHALL CONFORM TO MUTCD TRAFFIC SIGN STANDARDS FOR "STANDARD" SIZE, CHARACTER DIMENSIONS AND LETTER STROKE WIDTH.	<ul> <li>3.1. ADJACENT TO ANY AND ALL WETLAND PRESERVATION EASEMENTS THAT ARE WITHIN 50° OF ANY PROPOSED CONSTRUCTION ACTIVITY;</li> <li>3.2. AROUND ANY AND ALL "SPECIAL PROTECTION" AREAS AS DISCUSSED IN THE PROJECT'S ENVIRONMENTAL REVIEW DOCUMENTS.</li> </ul>
IMMEDIATELY NOTIFY THE APPROPRIATE UTILITY COMPANY IF ANY EXISTING ELECTRIC OR GAS SERVICES ARE DISTURBED OR DAMAGED. IF UNDERGROUND UTILITY FACILITIES (W, SD, SS, GAS, ELEC, TELE, IRRIG, ETC) ARE DISCOVERED BUT NOT SHOWN ON THESE PLANS, NOTIFY THE OWNER'S REPRESENTATIVE	<ol> <li>ALL WORK WITHIN PUBLIC RIGHT OF WAY SHALL CONFORM TO ALL PROVISIONS OF ENCROACHMENT STATED IN THE ENCROACHMENT PERMIT.</li> <li>THE CONTRACTOR MUST IMMEDIATELY REINSTALL ANY TRAFFIC SIGNS REMOVED IN THE COURSE OF</li> </ol>	NO DEVELOPMENT OF THIS SITE, INCLUDING GRADING, WILL BE ALLOWED UNTIL THIS CONDITION IS SATISFIED. ANY ENCROACHMENT WITHIN THESE AREAS INCLUDING DRIPLINES OF TREES TO BE SAVED, MUS FIRST BE APPROVED BY THE PLANNING DEPARTMENT. NO GRADING, CLEARING, STORAGE OF EQUIPMENT OF MACHINERY, ETC., MAY OCCUR UNTIL THE TOWN HAS INSPECTED AND APPROVED ALL TEMPORARY
BEFORE PROCEEDING IF MODIFICATIONS ARE NECESSARY. ADJUST EXISTING UTILITY BOXES AND STRUCTURES TO MATCH PROPOSED GRADE. FOR PIPE BEDDING AND ALL TRENCH REQUIREMENTS INSTALLATION PROCEDURES, REFER TO	CONSTRUCTION. ANY SIGNS LOST OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. 29. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH SMOOTH TRANSITIONS AND AVOIDING ANY ABRUPT OR APPARENT CHANGES IN	CONSTRUCTION FENCING. THIS INCLUDES BOTH ON-SITE AND OFF-SITE IMPROVEMENTS. EFFORTS SHOULD BE MADE TO SAVE TREES WHERE FEASIBLE. THIS MAY INCLUDE THE USE OF RETAINING WALLS, PLANTER ISLANDS, PAVERS, OR OTHER TECHNIQUES COMMONLY ASSOCIATED WITH TREE
THE TOWN OF TRUCKEE AND UTILITY COMPANY STANDARDS. ALL EXCAVATIONS FOR UTILITIES INSTALLATION SHALL BE ADEQUATELY GUARDED WITH BARRIERS AND LIGHTS SO AS TO PROTECT THE PUBLIC FROM HAZARD. STREETS, SIDEWALKS,	<ul> <li>GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.</li> <li>30. CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR PUBLIC WORKS, AMBULANCE, POLICE AND FIRE DEPARTMENTS.</li> </ul>	PRESERVATION. 4. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL PER AGENCY STANDARD SPECIFICATIONS.
PARKWAYS AND OTHER PROPERTY DISTURBED IN THE COURSE OF THE WORK SHALL BE RESTORED IN A MANNER SATISFACTORY TO THE OWNER.	<ul> <li>31. CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS.</li> <li>32. THE CONTRACTOR SHALL EXPOSE AND CHECK ELEVATIONS OF EXISTING UTILITIES AND CLEARANCES OF</li> </ul>	THE CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL MEASURES THAT SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: 4.1. CONSTRUCT MAJOR DUST-GENERATING ACTIVITIES WHEN WIND VELOCITIES ARE LOW.
SURVEY & BASE MAPPING NOTES	<ul> <li>32. THE CONTRACTOR SHALL EXPOSE AND CHECK ELEVATIONS OF EXISTING UTILITIES AND CLEARANCES OF UTILITY CROSSINGS BEFORE COMMENCING EXCAVATION ACTIVITIES. ALL UTILITIES SHALL BE FIELD LOCATED PRIOR TO CONSTRUCTION AND RELOCATED AS REQUIRED.</li> <li>33. OBSTRUCTIONS POTENTIALLY ENCOUNTERED IN THE FIELD HAVE NOT BEEN SHOWN. IT IS THE</li> </ul>	<ul> <li>4.2. SPRINKLE WORK AREAS, CONSTRUCTION EQUIPMENT TRAVEL ROUTES, AND EQUIPMENT TO CONTROL DUST.</li> <li>4.3. PREVENT CONSTRUCTION VEHICLES FROM TRACKING MUD ONTO NEIGHBORING ROADS &amp;</li> </ul>
THE TOPOGRAPHIC INFORMATION SHOWN HEREON WAS PROVIDED BY EPOCH GEOSPATIAL AND IS BASED ON A SURVEY DATED SEPTEMBER 27,2023.	<ul> <li>CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ANY OBSTRUCTIONS ENCOUNTERED SO THEY MAY BE AVOIDED AND/OR WORKED AROUND AS REQUIRED.</li> <li>34. TREES WHICH ARE NOT IN DIRECT CONFLICT WITH THE PROPOSED WORK OR WHICH MAY BE SAVED BY</li> </ul>	HIGHWAYS. 4.4. RESTRICT ALL TRUCKS & VEHICLES WITHIN CONSTRUCTION SITE TO A MAXIMUM SPEED OF 15 MPH. 5. TEMPORARY EROSION CONTROL MEASURES AND DETAILS AS SHOWN ON THESE PLAN ARE INTENDED AS A
	MAKING MINOR FIELD ADJUSTMENTS SHALL BE PROTECTED FROM DAMAGE. 35. ALL MOBILE CONSTRUCTION EQUIPMENT, INCLUDING ELECTRICAL GENERATORS AND COMPRESSORS UTILIZED DURING CONSTRUCTION SHALL BE PROPERLY MAINTAINED AND TUNED-UP. AS PRACTICAL, LOW EMISSION EQUIPMENT SHALL BE USED ONSITE. LOW SULFUR FUEL FOR CONSTRUCTION EQUIPMENT SHALL	5. TEMPORART EROSION CONTROL MEASURES AND DETAILS AS SHOWN ON THESE PLAN ARE INTENDED AS A GUIDE AND ARE SUGGESTED MINIMUM METHODS OF CONTROLLING EROSION DURING CONSTRUCTION. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS DICTATED BY FIELD CONDITIONS TO CONTROL EROSION AND SEDIMENTATION. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED IN THE FIELD AND/OR AS DIRECTED BY THE ENGINEER OR INSPECTOR. THIS RESPONSIBILITY SHALL APPLY THROUGHOUT THE COURSE OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS HAVE
	BE USED. 36. ALL PROPOSED STORMWATER AND BMP FACILITIES SHALL BE MAINTAINED BY THE OWNER PER THE MANUFACTURING SPECIFICATIONS AND GOVERNING AGENCY REGULATIONS. 37. THE SITE EXPORT MAY REQUIRE A SEPARATE GRADING PERMIT FOR THE OFFSITE FACILITY AND SHALL BE	<ul> <li>BECOME STABILIZED AND SHALL NOT BE LIMITED TO WET WEATHER PERIODS.</li> <li>6. IF INCLEMENT WEATHER IS FORECASTED, THE CONTRACTOR SHALL TAKE NECESSARY STEPS TO PROTECT THOSE AREAS DISTURBED BY CONSTRUCTION FROM EROSION AND/OR SUBSEQUENT DISCHARGE OF</li> </ul>
	<ol> <li>THE SITE EXPORT MAY REQUIRE A SEPARATE GRADING PERMIT FOR THE OFFSITE FACILITY AND SHALL BE PREPARED AND OBTAINED BY THE SITE CONTRACTOR.</li> <li>THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS OF CONSTRUCTION. THIS IS THE RESPONSIBILITY OF THE CONTRACTOR.</li> </ol>	EARTHEN MATERIALS FROM THE SITE. 7. STOCKPILES SHALL BE PROTECTED FROM EROSION. THIS MAY CONSIST OF PLACING BMP FENCING DIKES AROUND STOCKPILES AND/OR COVERING WITH PLASTIC.
	39. OPEN BURNING OF SITE-CLEARING VEGETATION SHALL BE PROHIBITED ON THE SITE. SITE CLEARED VEGETATION SHALL BE TREATED BY OTHER LEGAL MEANS INCLUDING, BUT NOT LIMITED TO, CHIPPING, SHREDDING, AND GRINDING. STOCKPILES OF EXCAVATED MATERIALS SHALL BE LOCATED AT LEAST 20 FEET	<ol> <li>ALL TEMPORARY EROSION CONTROL FEATURES SHALL BE INSPECTED DAILY AND PRIOR TO INCLEMENT WEATHER AND CORRECTIVE ACTION TAKEN AS NECESSARY TO INSURE PROPER FUNCTION.</li> <li>THE AREA OF SOIL AND VEGETATION DISTURBANCE SHALL BE LIMITED TO THAT REQUIRED FOR CONSTRUCTION DUPPORED EXCEPT WILLERE REQUIRED FOR ADDRESS THERE ON ALL READ DISTURBANCE IN</li> </ol>
	<ul> <li>40. SPOT ELEVATIONS SHOWN ON GRADING PLANS REPRESENT FINISHED GRADE. FOR BIDDING PURPOSES, CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES.</li> </ul>	CONSTRUCTION PURPOSES. EXCEPT WHERE REQUIRED FOR ACCESS, THERE SHALL BE NO DISTURBANCE IN AREAS TO BE LEFT IN A NATURAL STATE. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO AREAS TO BECOME PERMANENT CIRCULATION (E.G., ROADWAYS AND PARKING AREAS, ETC.)
	<ul> <li>41. DEWATERING, IF NECESSARY, SHALL BE COMPLETED IN A MANNER SO AS TO ELIMINATE THE DISCHARGE OF EARTHEN MATERIALS FROM THE SITE. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS.</li> <li>42. GEOTECHNICAL ENGINEER: NV5, 10775 PIONEER TRAIL, SUITE 213, TRUCKEE, CA 96161; PHONE: (530) 587-5156;</li> </ul>	<ol> <li>ALL BARREN AREAS DISTURBED BY CONSTRUCTION SHALL BE RE-VEGETATED IN ACCORDANCE WITH THE GOVERNING AGENCY REGULATIONS. APPLICATION OF A MULCH MAY ENHANCE VEGETATIVE ESTABLISHMENT.</li> <li>INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES AND SWPPP COMPLIANCE ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF</li> </ol>
	<ul> <li>42. GEOTECHNICAL ENGINEER: NV5, 10775 PIONEER TRAIL, SUITE 213, TRUCKEE, CA 96161; PHONE: (530) 587-5156;</li> <li>CONTACT: NICOLE C. McCURDY, PROJECT ENGINEER. CONSTRUCTION DOCUMENTS SHALL INCLUDE THE FOLLOWING REPORTS PREPARED BY NV5:</li> <li>"PRELIMINARY GEOTECHNICAL ENGINEERING REPORT" FOR KIDZONE MUSEUM, LOCATED AT 10010</li> </ul>	RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION O SIGNIFICANT EROSION AND SILTATION ENTERING THE STORM DRAIN SYSTEM, NATURAL DRAINAGE COURSES AND/OR INTRUDING UPON ADJACENT ROADWAYS AND PROPERTIES.
	ESTATES DRIVE, TRUCKEE, CALIFORNIA.	

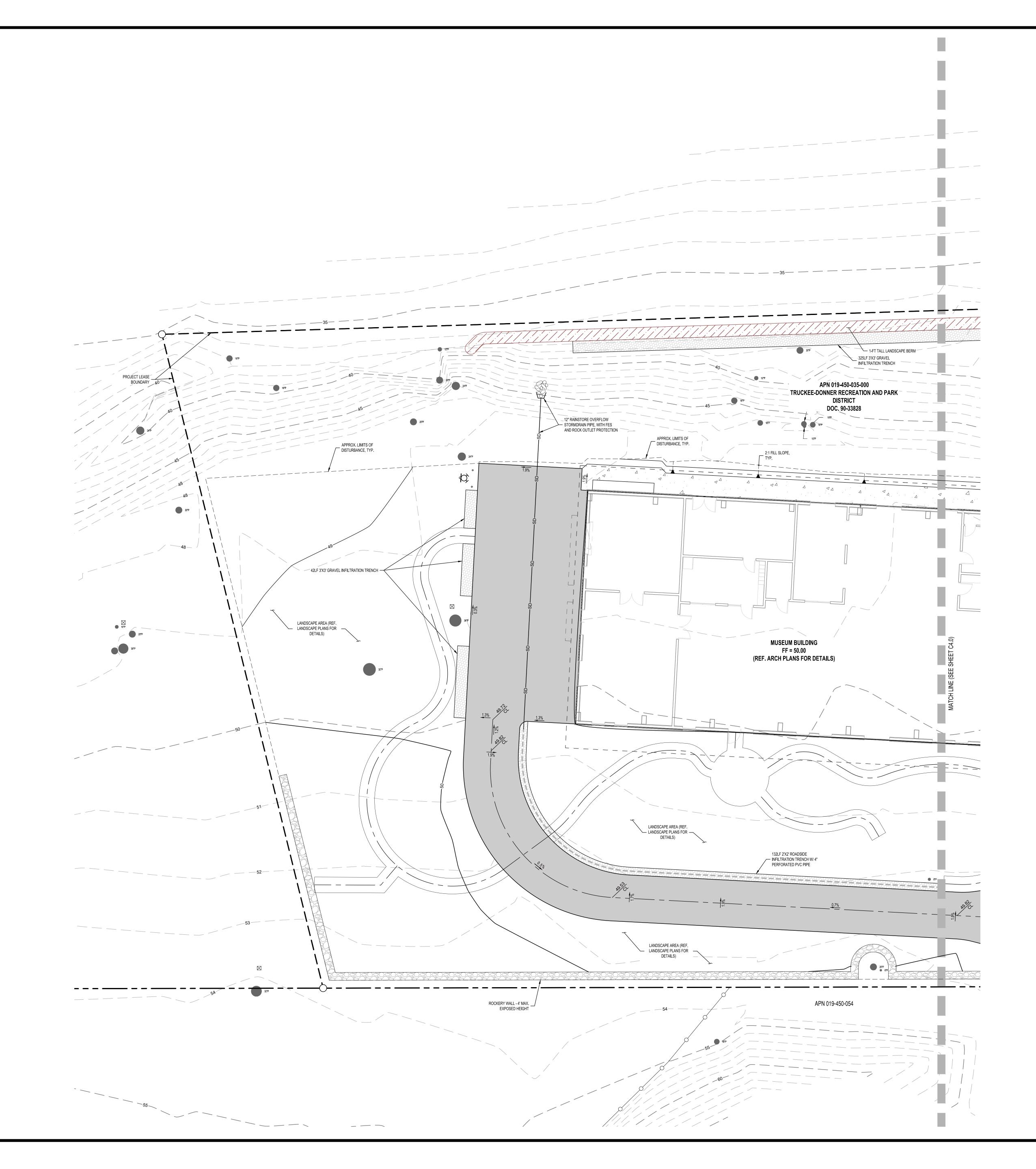


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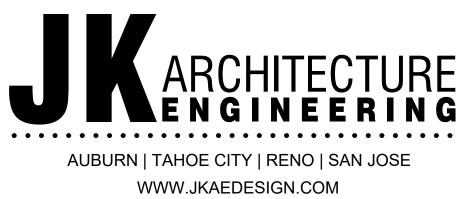




# NOTES: SEAL

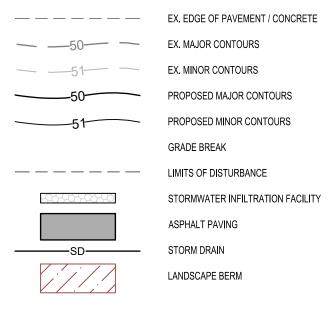
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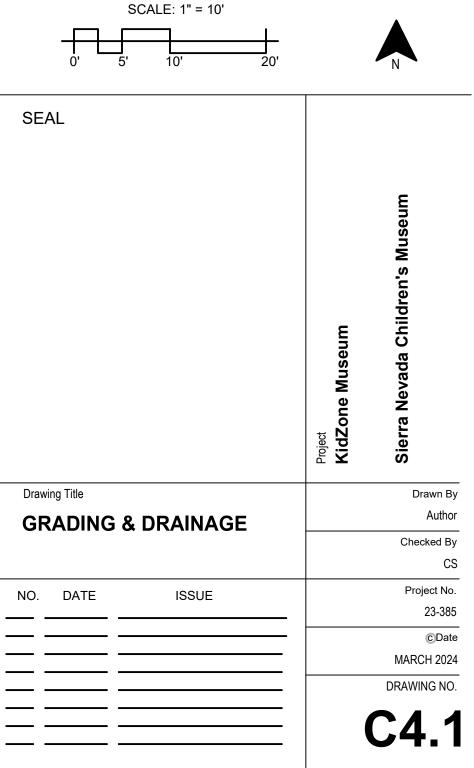


- 1. BOUNDARY & TOPO. SURVEY PROVIDED BY EPOCH GEOSPATIAL, DATED SEPTEMBER 27, 2023.
- 2. ADD 5800 TO ALL ELEVATIONS.
- 3. SEE SHEET C6.0 FOR TEMPORARY BMP INFORMATION.
- 3. SEE LANDSCAPE PLANS PLANTING AND REVEGETATION REQUIREMENTS.

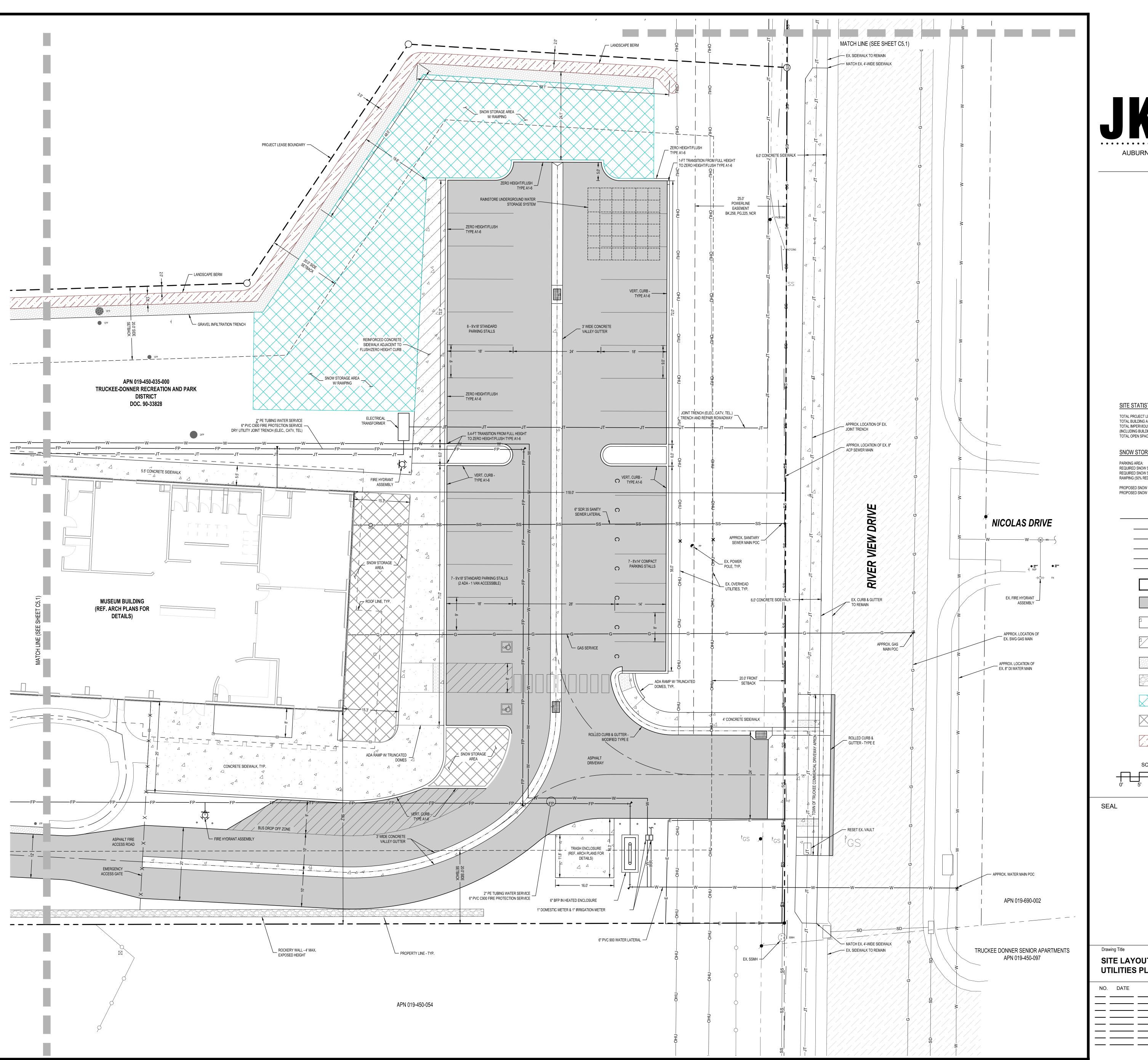
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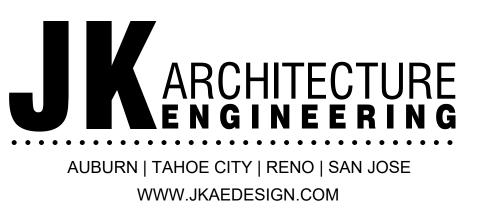


GRADE BREAK STORMWATER INFILTRATION FACILITY ASPHALT PAVING LANDSCAPE BERM





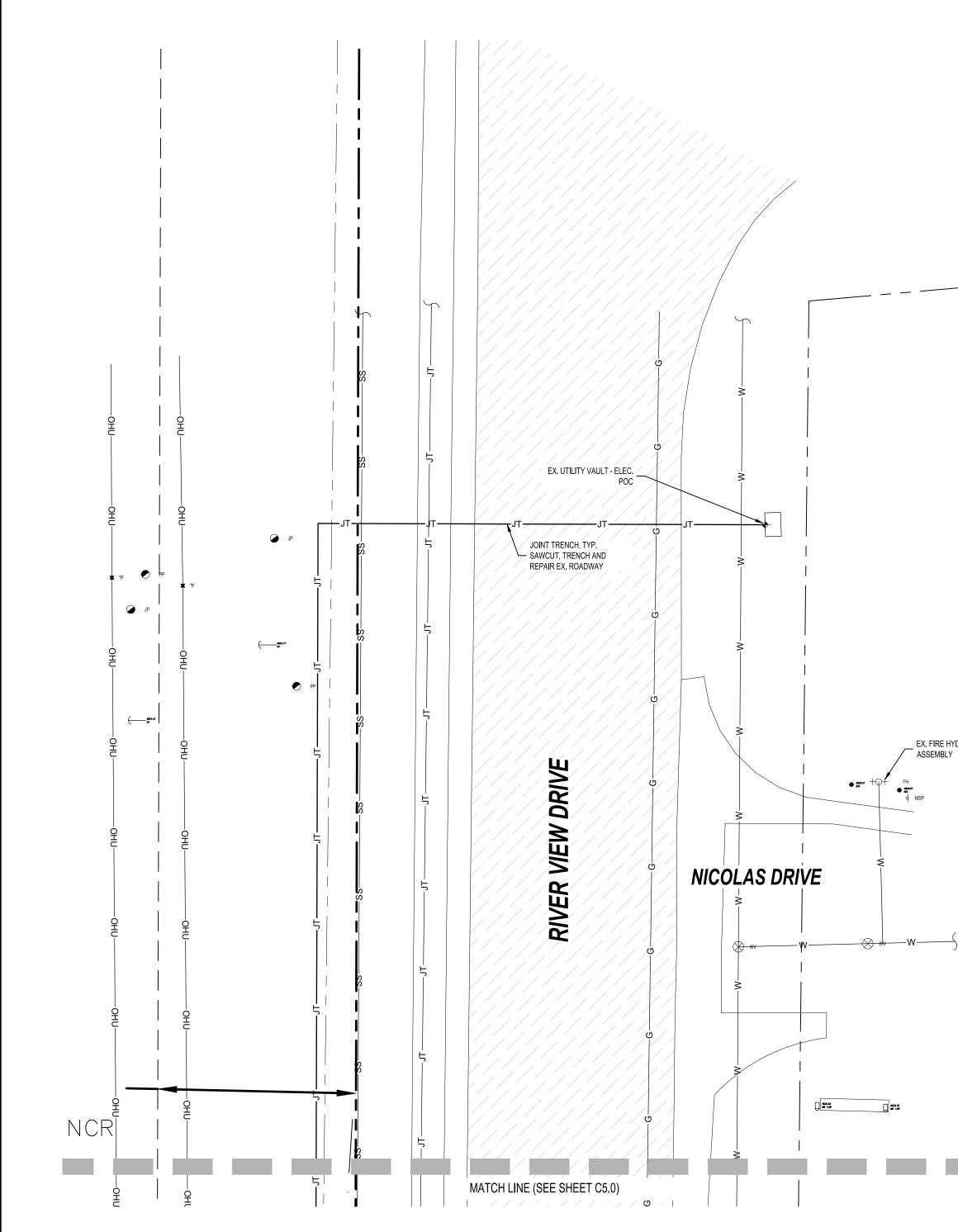


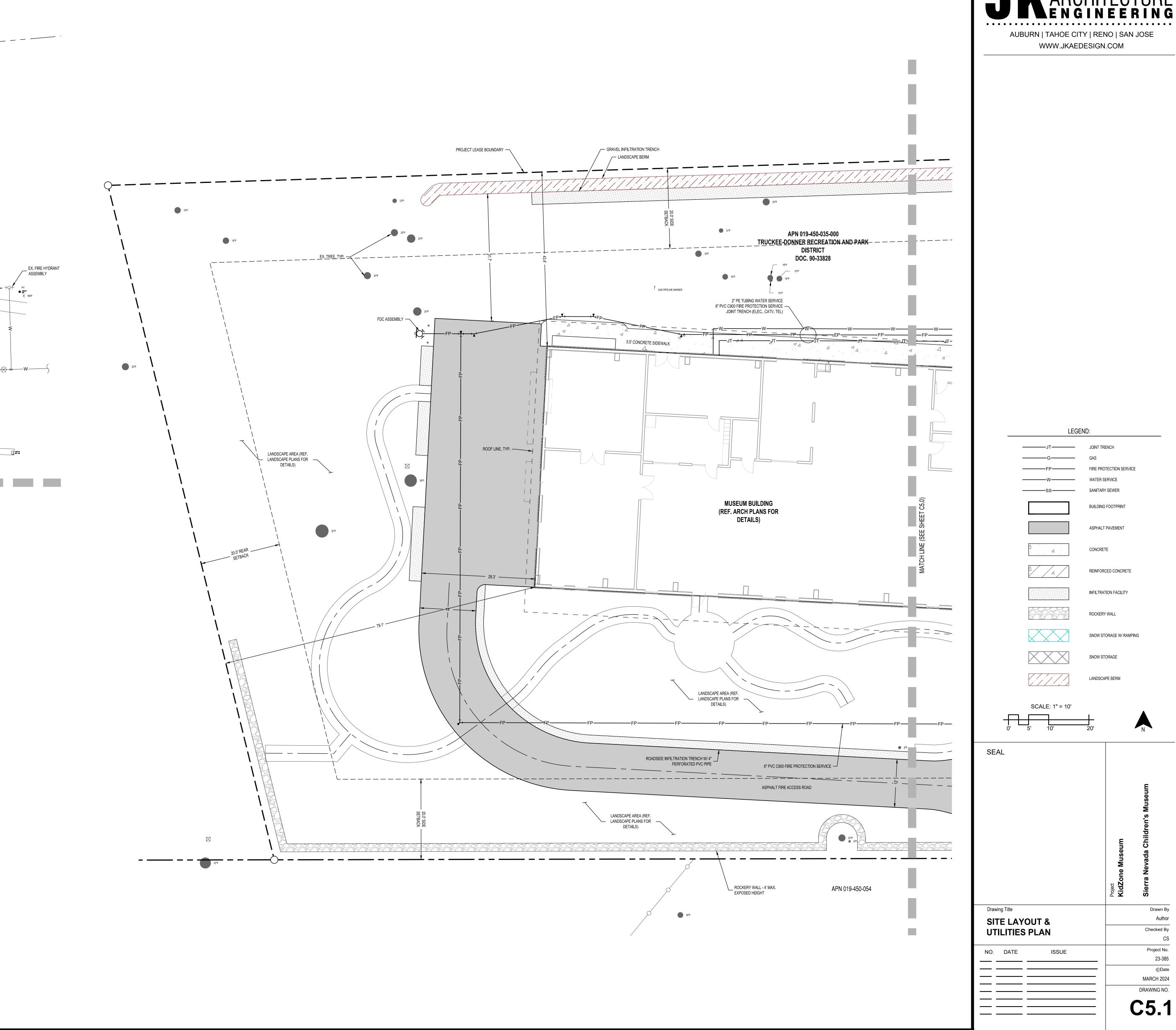


ITE STATISTICS:			
OTAL PROJECT LEASE AREA: OTAL BUILDING AREA: OTAL IMPERVIOUS AREA: NCLUDING BUILDING) OTAL OPEN SPACE:	±34,401 SF (±	.052 SF) ±0.2 AC - 14%) ±0.8 AC - 47%) ±0.9 AC - 53%)	
NOW STORAGE:			
ARKING AREA: EQUIRED SNOW STORAGE AREA (50%): EQUIRED SNOW STORAGE AREA W/ AMPING (50% REDUCTION):	8,70	00 SF 00 SF 50 SF	
ROPOSED SNOW STORAGE W/ RAMPING : ROPOSED SNOW STORAGE:		60 SF 60 SF	
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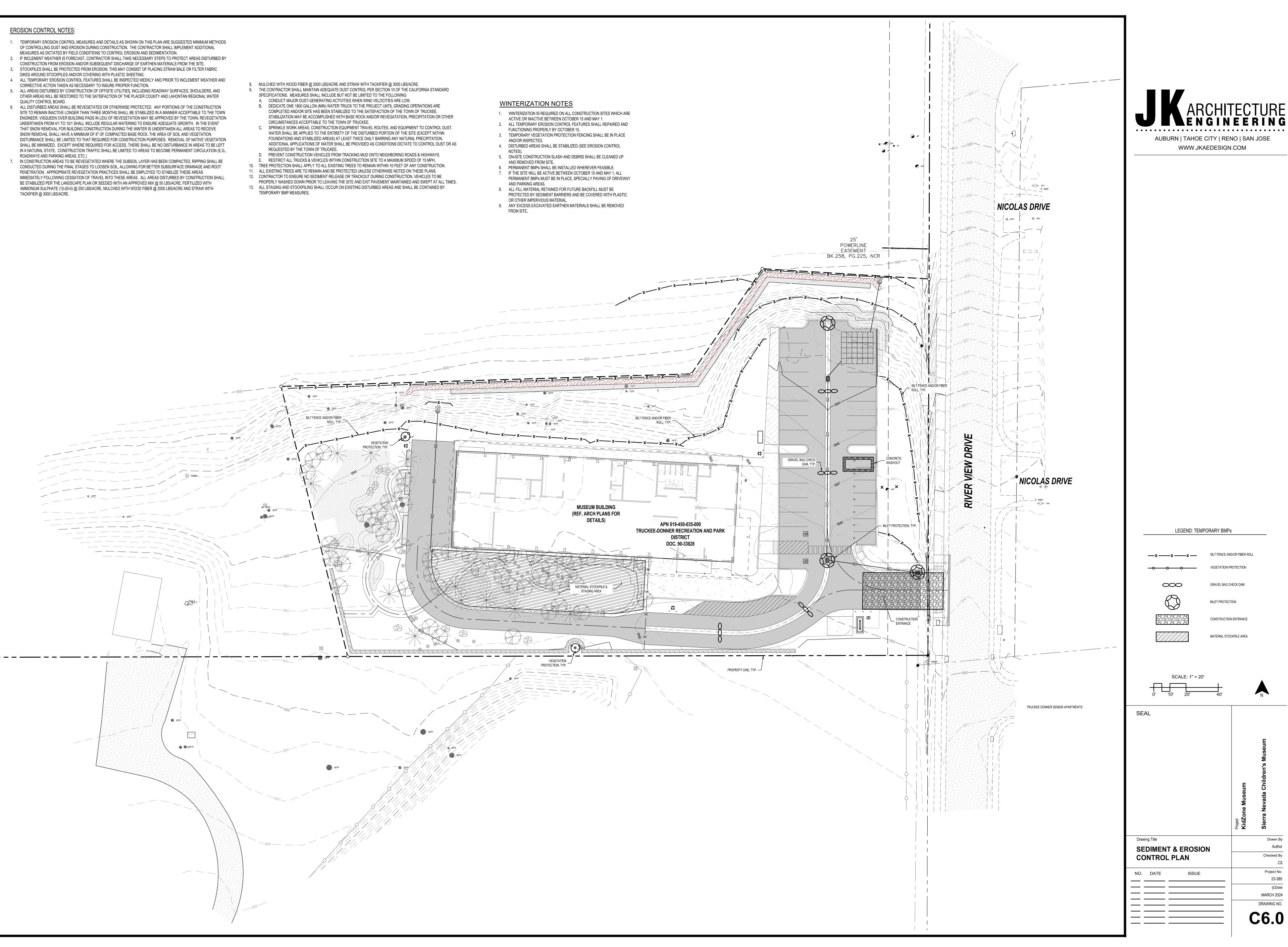
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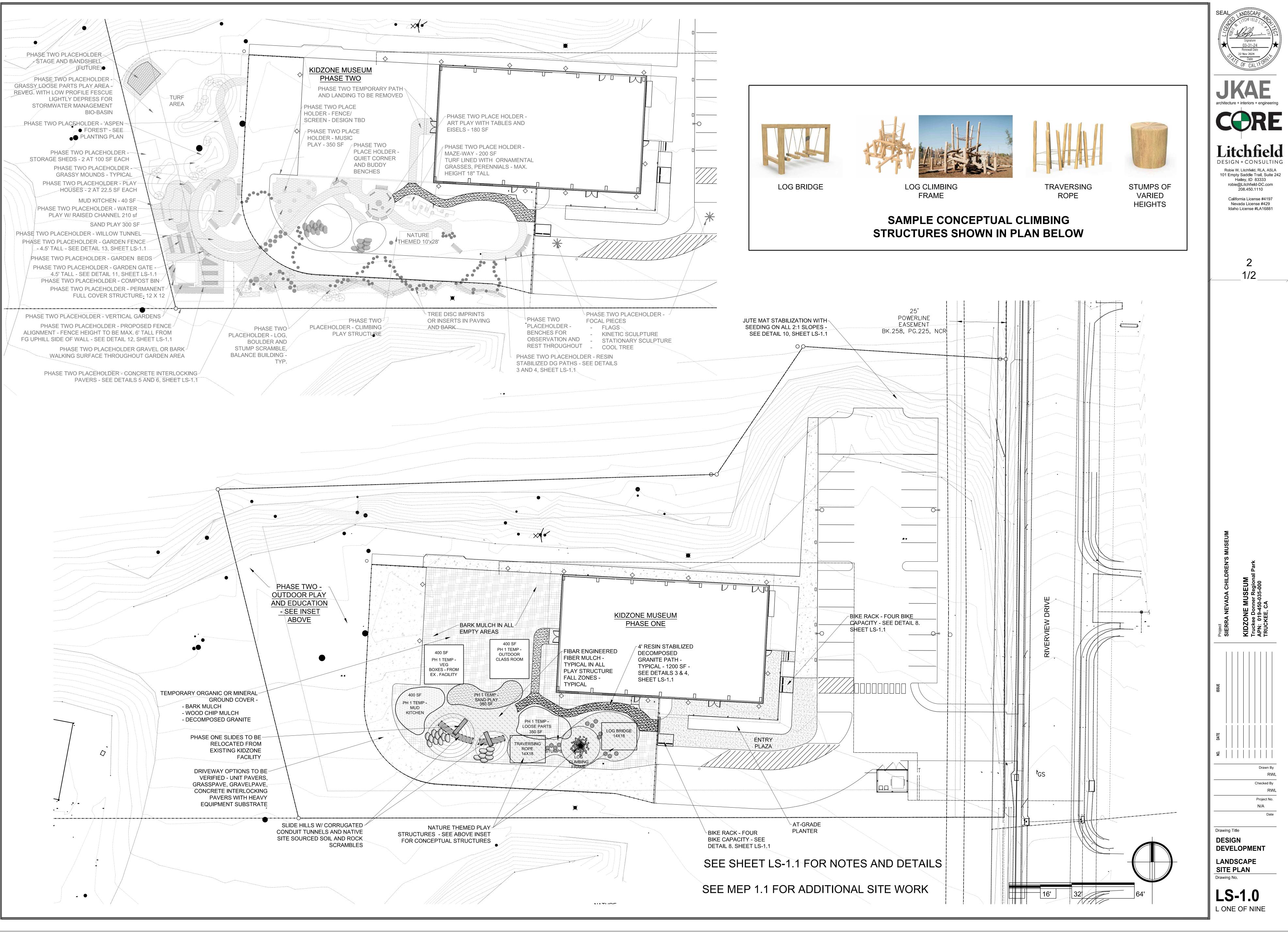


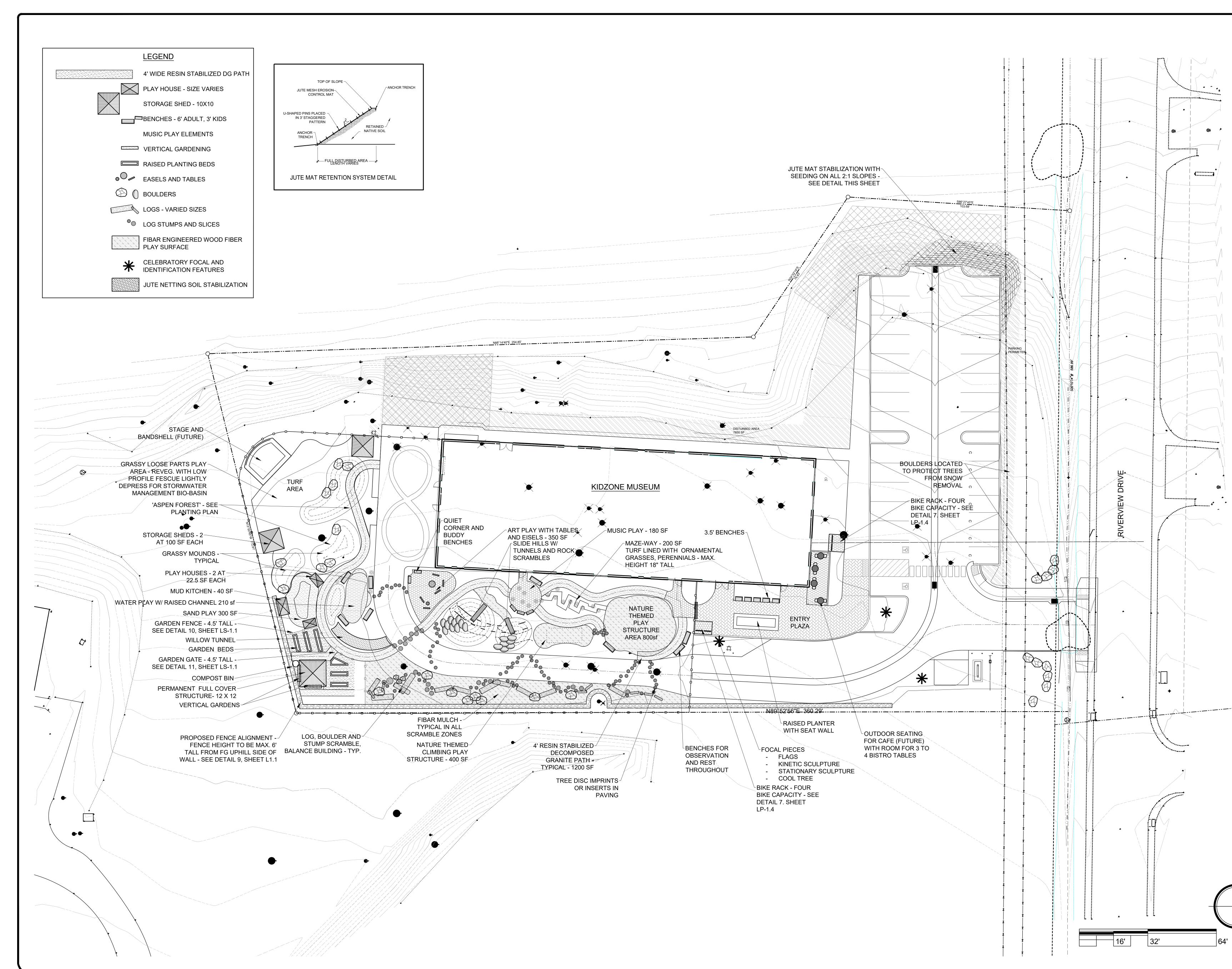


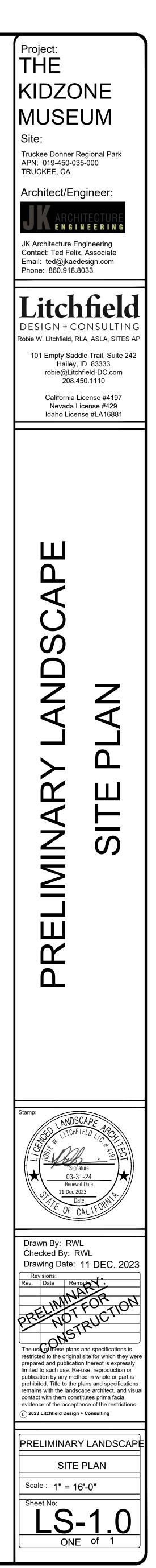


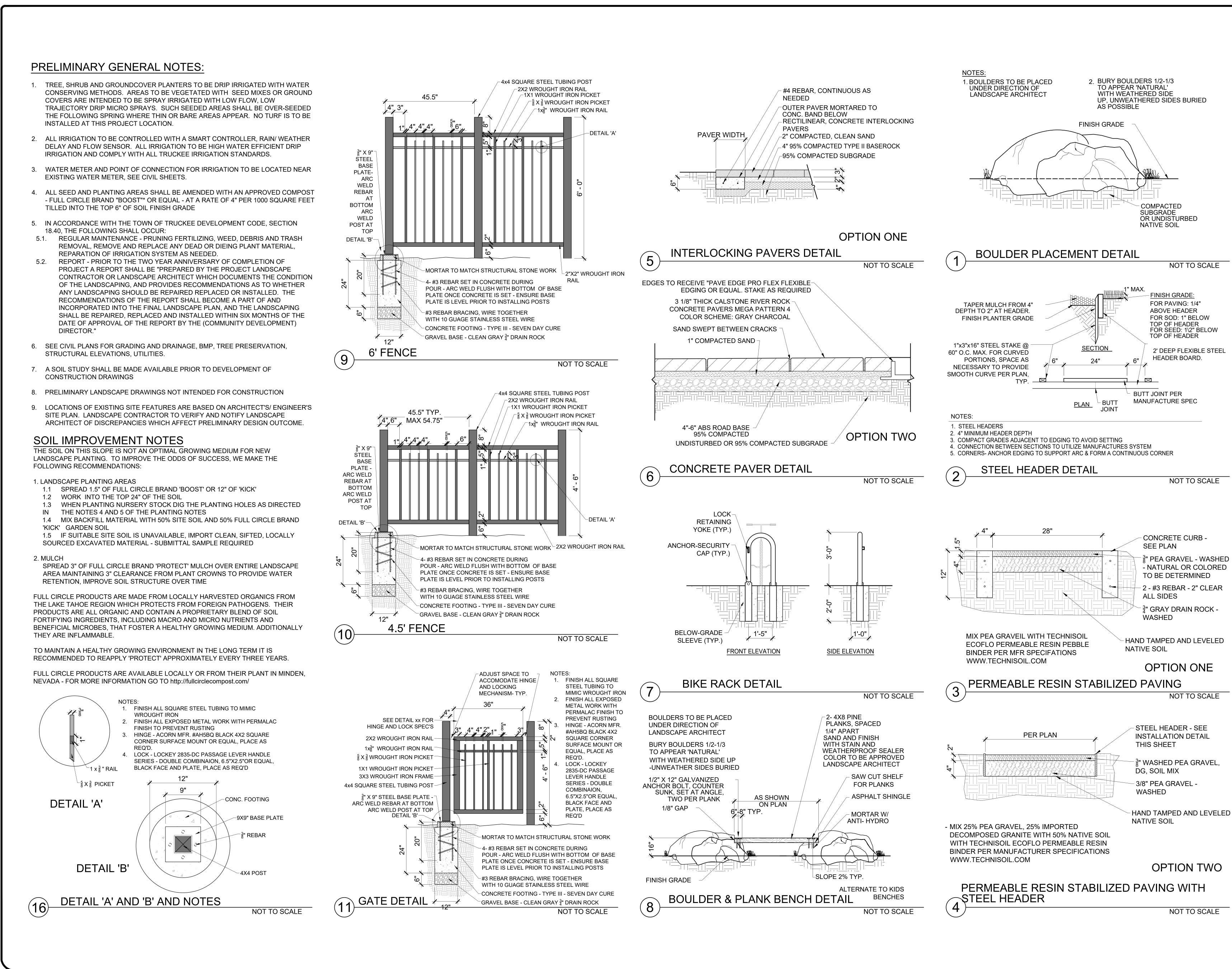
- OF CONTROLLING DUST AND EROSION DURING CONSTRUCTION. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL
- CONSTRUCTION FROM EROSION AND/OR SUBSEQUENT DISCHARGE OF EARTHEN MATERIALS FROM THE SITE.
- DIKES AROUND STOCKPILES AND/OR COVERING WITH PLASTIC SHEETING.
- CORRECTIVE ACTION TAKEN AS NECESSARY TO INSURE PROPER FUNCTION. ALL AREAS DISTURBED BY CONSTRUCTION OF OFFSITE UTILITIES, INCLUDING ROADWAY SURFACES, SHOULDERS, AND
- QUALITY CONTROL BOARD.
- UNDERTAKEN FROM 4/1 TO 10/1 SHALL INCLUDE REGULAR WATERING TO ENSURE ADEQUATE GROWTH. IN THE EVENT THAT SNOW REMOVAL FOR BUILDING CONSTRUCTION DURING THE WINTER IS UNDERTAKEN ALL AREAS TO RECEIVE SNOW REMOVAL SHALL HAVE A MINIMUM OF 6" OF COMPACTED BASE ROCK. THE AREA OF SOIL AND VEGETATION
- ROADWAYS AND PARKING AREAS, ETC.) CONDUCTED DURING THE FINAL STAGES TO LOOSEN SOIL, ALLOWING FOR BETTER SUBSURFACE DRAINAGE AND ROOT PENETRATION. APPROPRIATE REVEGETATION PRACTICES SHALL BE EMPLOYED TO STABILIZE THESE AREAS BE STABILIZED PER THE LANDSCAPE PLAN OR SEEDED WITH AN APPROVED MIX @ 50 LBS/ACRE, FERTILIZED WITH AMMONIUM SULPHATE (12-20-0) @ 250 LBS/ACRE, MULCHED WITH WOOD FIBER @ 2000 LBS/ACRE AND STRAW WITH
- REQUESTED BY THE TOWN OF TRUCKEE.
- TEMPORARY BMP MEASURES.









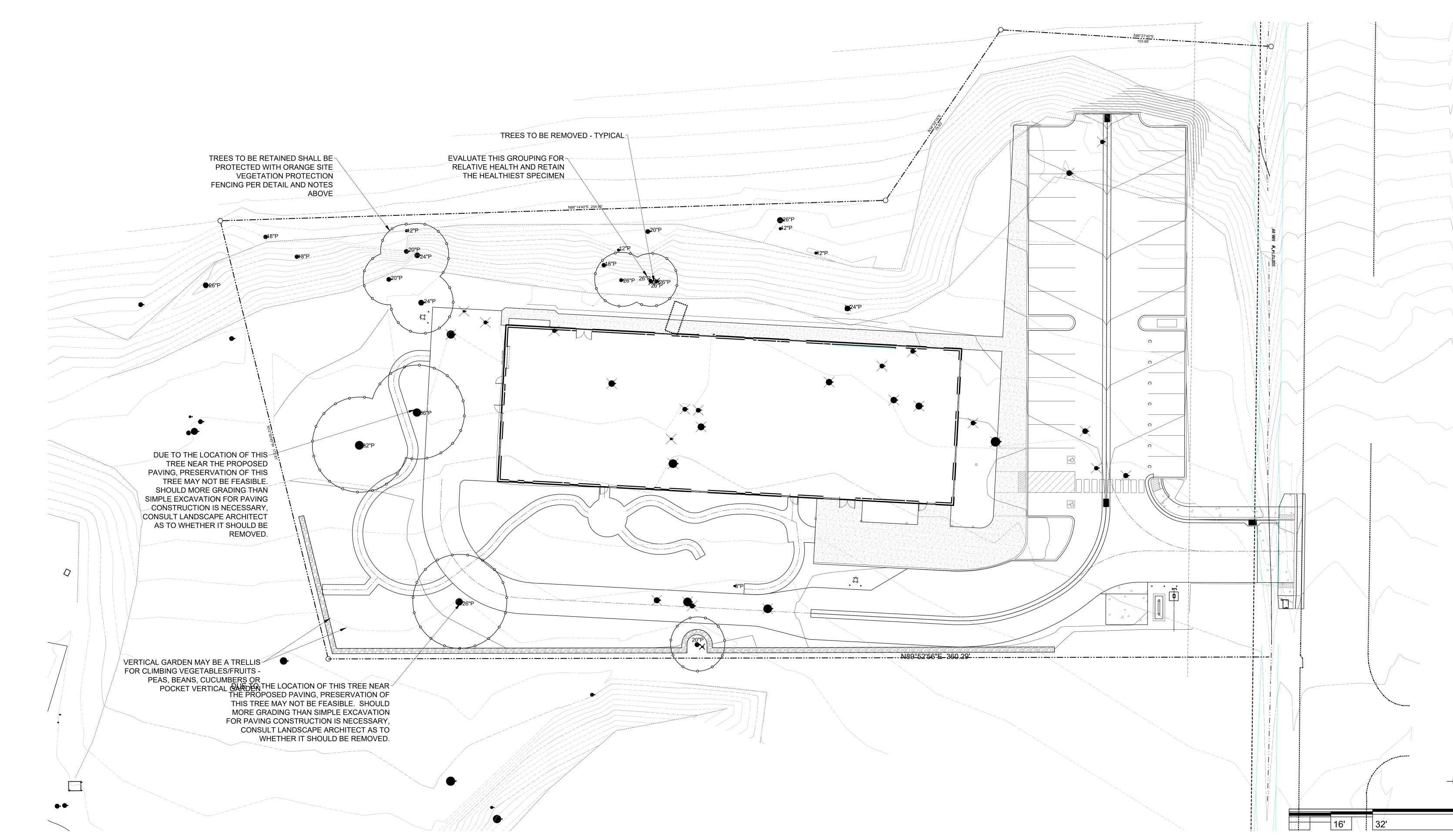


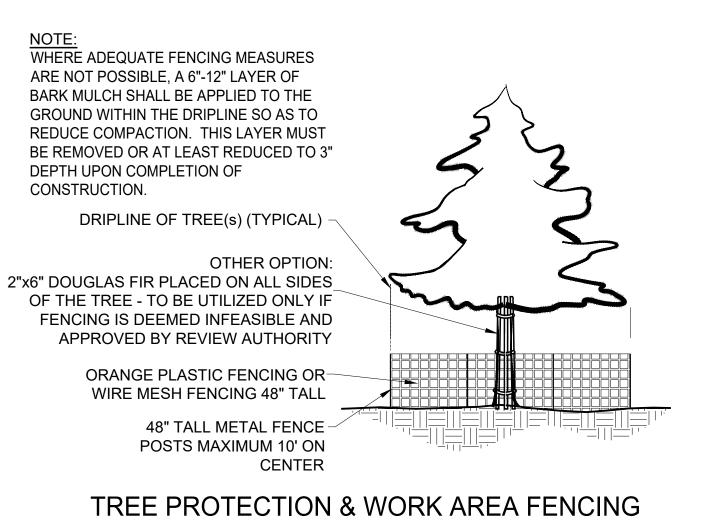


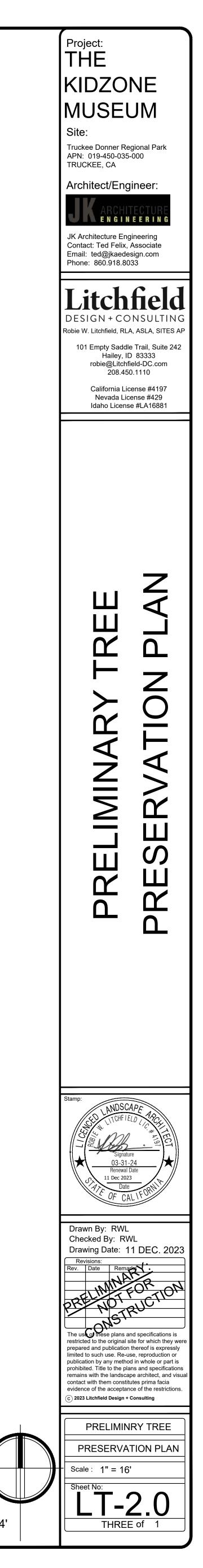
# TREE PROTECTION NOTES:

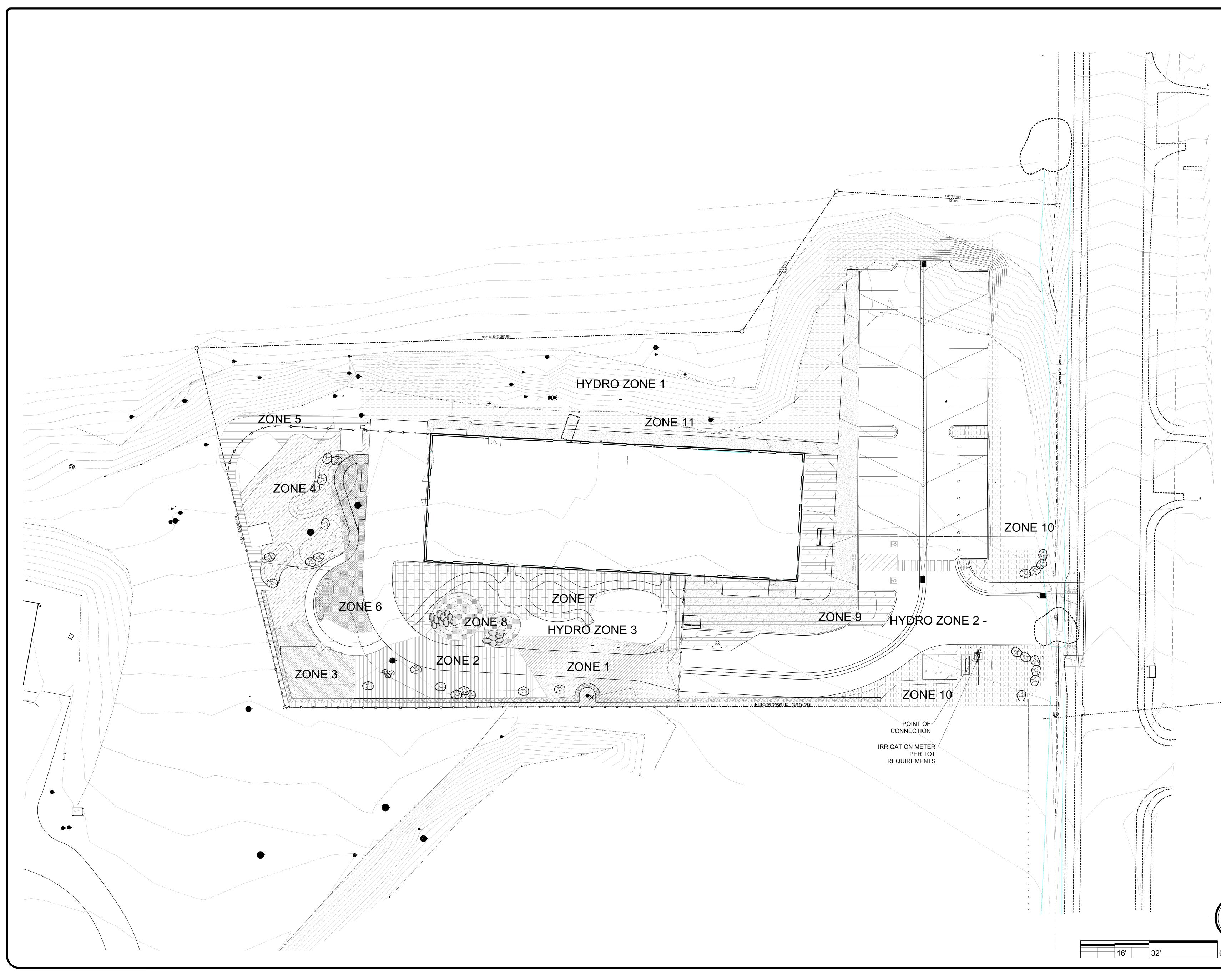
- 1. ALL TREES TO BE RETAINED ARE OF THE GENUS PINUS, SPECIES EITHER JEFFREYI OR CONTORTA (JEFFREY PINE OR LODGEPOLE PINE
- 2. DRIPLINES FOR EACH ARE SHOW IN DASHED LINES
- 3. LOCATIONS OF UTILITIES WATER AND SEWER ARE SHOWN. IRRIGATION MAIN AND LATERAL LINE SHALL BE SHOWN OUTSIDE TREE DRIPLINES. IRRIGATION DRIP LINES WILL BE WITHIN TREE DRIPLINES BUT WILL BE BURIED A MAXIMUM 6".
- 4. PROPOSED BUILDINGS AND PAVED AREAS ARE SHOWN CLEARLY ON THE PLAN
- 5. CUT AND FILL SPOT ELEVATIONS ARE SHOWN AT CORNERS OF PROPOSED STRUCTURE AND PARKING/PAVING - SEE CIVIL SHEET C-1 FOR MORE INFORMATION
- 6. PROPOSED DRIVE AND PARKING ARE CLEARLY SHOWN ON THE PLAN
- 7. CONTACT PERSON IS DESIGNATED AS MR. MARK A. BOVENZI OWNER AND PROPONENT OF THIS PROJECT - SEE TITLEBLOCK FOR CONTACT INFO.
- 8. SEE DETAIL ON THIS SHEET FOR TREE PROTECTION METHODOLOGY.
- 9. NO CONSTRUCTION ACTIVITY INCLUDING DUMPING OF CHEMICALS, STORAGE OF BUILDING SUPPLIES OR EQUIPMENT, GRADING, FLUSHING OF PAINTS OR OTHER MATERIALS CHEMICALLY INJURIOUS TO TREES AND VEGETATION SHALL OCCUR WITHIN TREE PROTECTION FENCE OR BEYOND BOUNDARY SET BY FENCING ON SOUTH SIDE OF PROPERTY.
- 10. NO EXCAVATION, TRENCHING, GRADING ROOT PRUNING OR OTHER ACTIVITY SHALL OCCUR WITHIN THE DRIPLINE UNLESS APPROVED BY THE REVIEW AUTHORITY

DEPTH UPON COMPLETION OF CONSTRUCTION.











# PRELIMINARY IRRIGATION NOTES

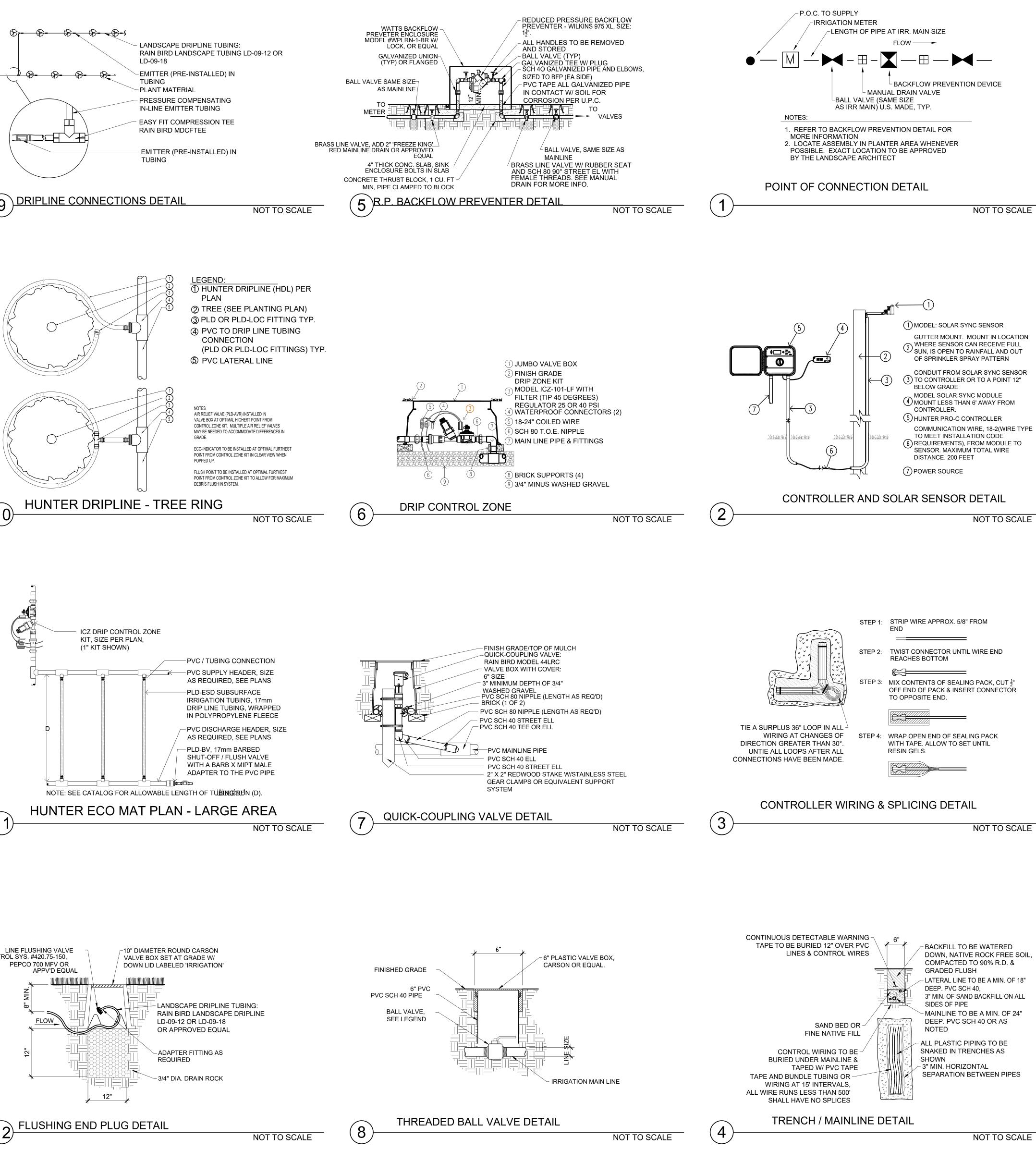
- 1. INSTALLING CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND AREAS PRIOR TO START OF JOB. INTENT IS FOR COVERAGE OF INDIVIDUAL PLANTS. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO TRENCHING.
- 2. PLAN IS DIAGRAMMATIC AND NOT INTENDED TO SHOW EXACT LOCATIONS OF PIPING AND VALVES.
- 3. ALL MATERIALS SHALL BE NEW AND IN PERFECT CONDITION. NO DEVIATIONS FROM THE SPECIFICATIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF LANDSCAPE ARCHITECT OR OWNER. CONTRACTOR IS INVITED TO OFFER SUBSTITUTIONS AND/OR CHANGES FOR CONSIDERATION BY LANDSCAPE ARCHITECT OR OWNER.
- 4. MAINLINE SHALL BE SCH40 PVC MINIMUM DEPTH OF 24" BELOW FINISH GRADE. LATERAL LINES SHALL BE SCH 40 PVC AT A MINIMUM DEPTH OF 18" BELOW FINISH GRADE. USE ONLY THE SOLVENT SUPPLIED AND RECOMMENDED BY THE PIPE MANUFACTURER TO MAKE PLASTIC PIPE JOINTS. ALLOW 15 MINUTES SET-UP CURING TIME BEFORE MOVING OR HANDLING, AND 24 HOURS CURING TIME BEFORE WATER IS PLACED IN PVC PIPE. CENTER LOAD PIPE WITH A SMALL AMOUNT OF BACKFILL TO PREVENT ARCHING AND WHIPPING UNDER PRESSURE.
- 5. WHERE MORE THAN ONE PIPE IS INSTALLED IN A TRENCH, PLACE PIPE SIDE BY SIDE AT A MINIMUM OF 2" APART. WHERE SOIL CONDITIONS ARE ROCKY, PLACE A 4" LAYER OF FINE MATERIAL ON BOTTOM OF TRENCH PRIOR TO INSTALLATION OF PIPE.
- 6. ALL VALVES SHALL BE BELOW GRADE IN CARSON POLY-PLASTIC VALVE BOXES, OR EQUAL, SIZE AS NEEDED FOR VALVE MANIFOLD. INSTALL VALVE BOXES IN PLANTERS WHENEVER POSSIBLE.
- 7. SECURELY MOUNT CONTROLLER AS DIRECTED BY MANUFACTURER. COMPLETE ALL ELECTRICAL CONNECTIONS TO CONTROLLER. ALL CONTROL WIRE SHALL BE #14 U.L. DIRECT BURIAL. TAPE AND BUNDLE EVERY 20' MAXIMUM. PLACE AT A MINIMUM DEPTH OF 18" INSTALLING IN COMMON TRENCHES WITH MAINLINE WHENEVER POSSIBLE. WHERE WIRE CROSSES PAVING, ENCASE WIRE IN A SCH 40 PVC SLEEVE. FOR EXTRA STATIONS ON CONTROLLER, RUN ONE WIRE FROM EACH REMAINING STATION TO THE LAST VALVE ON THE MAINLINE, LABEL AND LEAVE IN LAST VALVE BOX FOR FUTURE ACCESS..
- 8. AT VALVES, BOTH WIRES SHALL BE BROUGHT INTO VALVE BOX AND SHALL HAVE AN EXCESS LOOP OF 24" BEFORE BEING SPLICED INTO THE SOLENOID PIGTAILS USING PENTITE CONNECTORS.
- 9. AFTER VALVES HAVE BEEN INSTALLED, TEST ALL MAINLINES FOR LEAKS AT FULL LINE PRESSURE FOR A PERIOD OF TWO HOURS WITH COUPLINGS EXPOSED AND PIPE SECTIONS CENTER LOADED. BEFORE TESTING, FILL LINE WITH WATER FOR AT LEAST 24 HOURS. PROVISIONS SHALL BE MADE FOR THOROUGHLY BLEEDING THE LINE OF AIR AND DEBRIS. CORRECT ALL DEFECTS AND RETEST.
- 10. ALL EXCAVATIONS SHALL BE BACKFILLED WITH FINE MATERIAL TO 4" ABOVE CROWN OF PIPE AND TAMPED; THEN FILL WITH EARTH AND TAMP. ALL TRENCHES SHALL BE LEFT FLUSH WITH ADJOINING GRADE AND IN A FIRM UNVIELDING CONDITION. ANY SUBSEQUENT SETTLING SHALL BE CORRECTED BY THE CONTRACTOR.
- 11. INSTALL SYSTEMS WITHOUT DRIP EMITTERS. FLUSH AND OPERATE EACH VALVE SYSTEM AT FULL PRESSURE UNTIL ALL DEBRIS IS REMOVED. INSTALL DRIP EMITTERS.
- 12. TEST TO DETERMINE THAT ALL EMITTERS FUNCTION ACCORDING TO MANUFACTURER'S DATA AND GIVE FULL COVERAGE ACCORDING TO INTENT OF DRAWING. REPLACE AND ADJUST AS NECESSARY. ADDITIONAL EMITTERS SHALL BE PROVIDED BY THE CONTRACTOR TO COVER AREAS SHOWN TO BE DEFICIENT BY TEST.
- 13. CONTRACTOR SHALL SET INITIAL PROGRAM FOR THE CONTROLLER AND SHALL PROVIDE OWNER WITH THE INSTRUCTION MANUAL AND DEMONSTRATE ITS OPERATION TO THE OWNER.
- 14. CONTRACTOR SHALL GUARANTEE ALL PARTS AND LABOR FOR MINIMUM ONE YEAR WITH EXCEPTION OF DAMAGE CAUSED BY VANDALISM, THEFT, ADVERSE NATURAL CONDITIONS OR ANY CIRCUMSTANCES BEYOND THE CONTROL OF THE CONTRACTOR.
- 15. WINTERIZE SYSTEM BY INSTALLING KING DRAIN AUTOMATIC DRAIN VALVES AT ALL LOW POINTS. INSTALL MANUAL DRAIN VALVE DOWN STREAM OF VALVE MANIFOLD. BACKFLOW PREVENTER SHALL BE INSTALLED NEAR THE POC AT THE WATER METER WITH UNION JOINTS AND REMOVED IN THE FALL FOR STORAGE IN A WARM, DRY LOCATION.

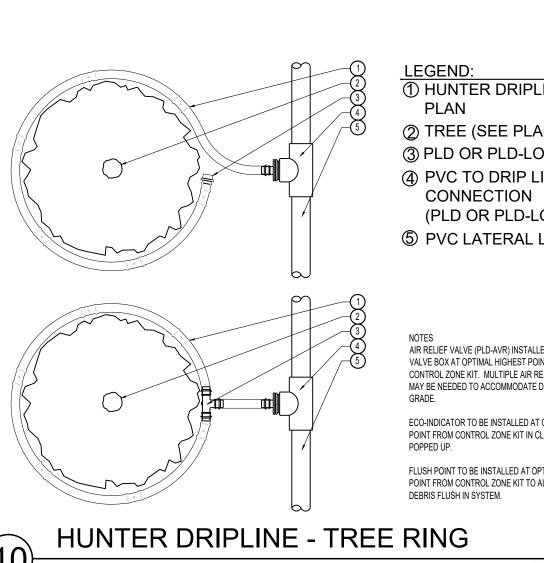
DRIP IRRIGATION EMITTER SCHEDULE	
#1 PERENNIALS AND GROUND COVERS	1 GPH
#5 SHRUBS AND TREES	3 GPH
#15 SHRUBS AND TREES	10 GPH
24" BOX TREES	15 GPH

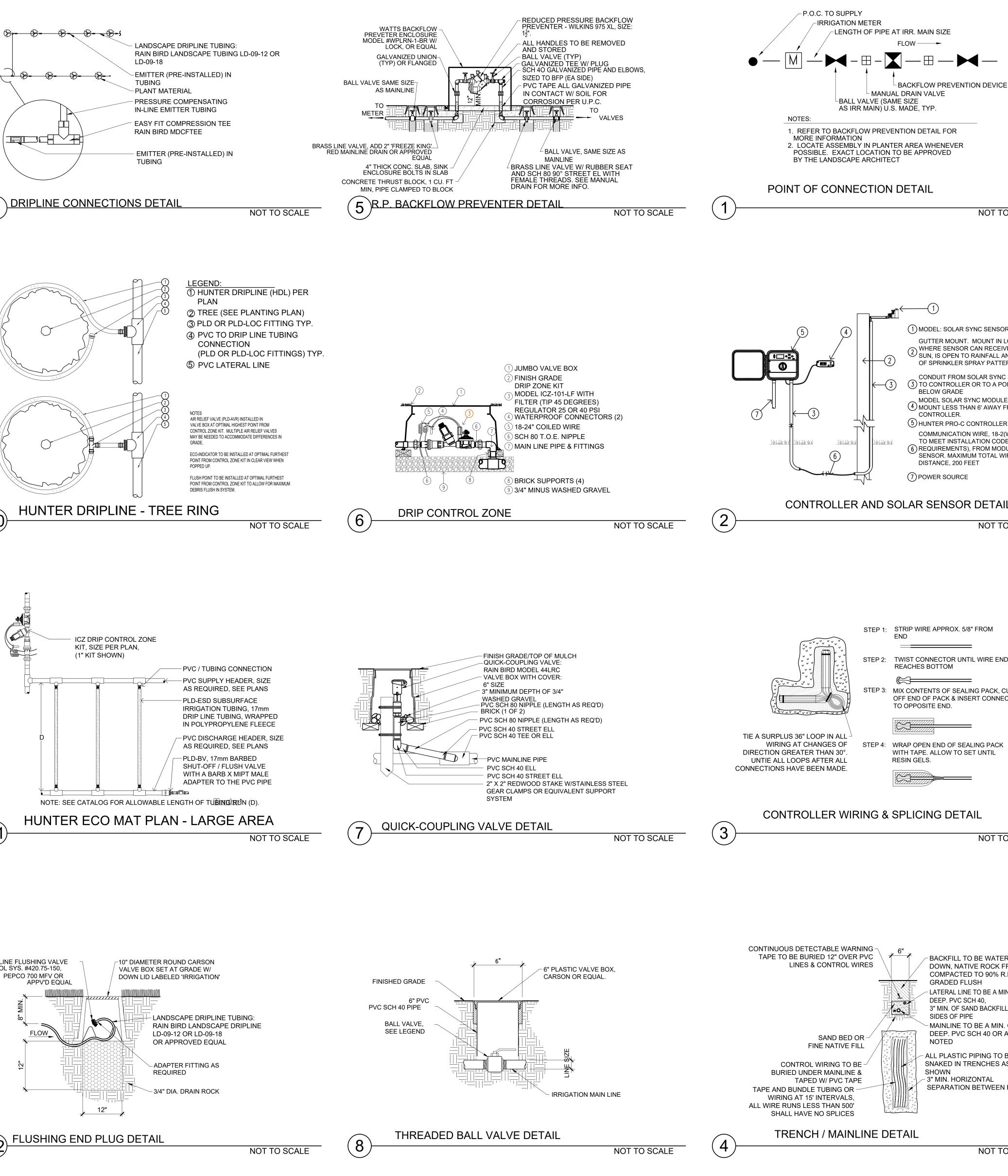
NOTE: DEPENDING UPON SITE CONDITIONS THESE QUANTITIES MAY REQUIRE ADJUSTMENT TO COMPENSATE FOR VARIATIONS IN SOIL DRAINAGE RATES - IF PLANTS APPEAR DRY, ADD EMITTERS OR REPLACE EXISTING EMITTERS WITH HIGHER VOLUME EMITTERS: IF WATER IS ACCUMULATING AT SOIL SURFACE FOR MORE THAN 15 MINUTES, DECREASE NUMBER OF EMITTERS OR REPLACE WITH LOWER VOLUME EMITTERS

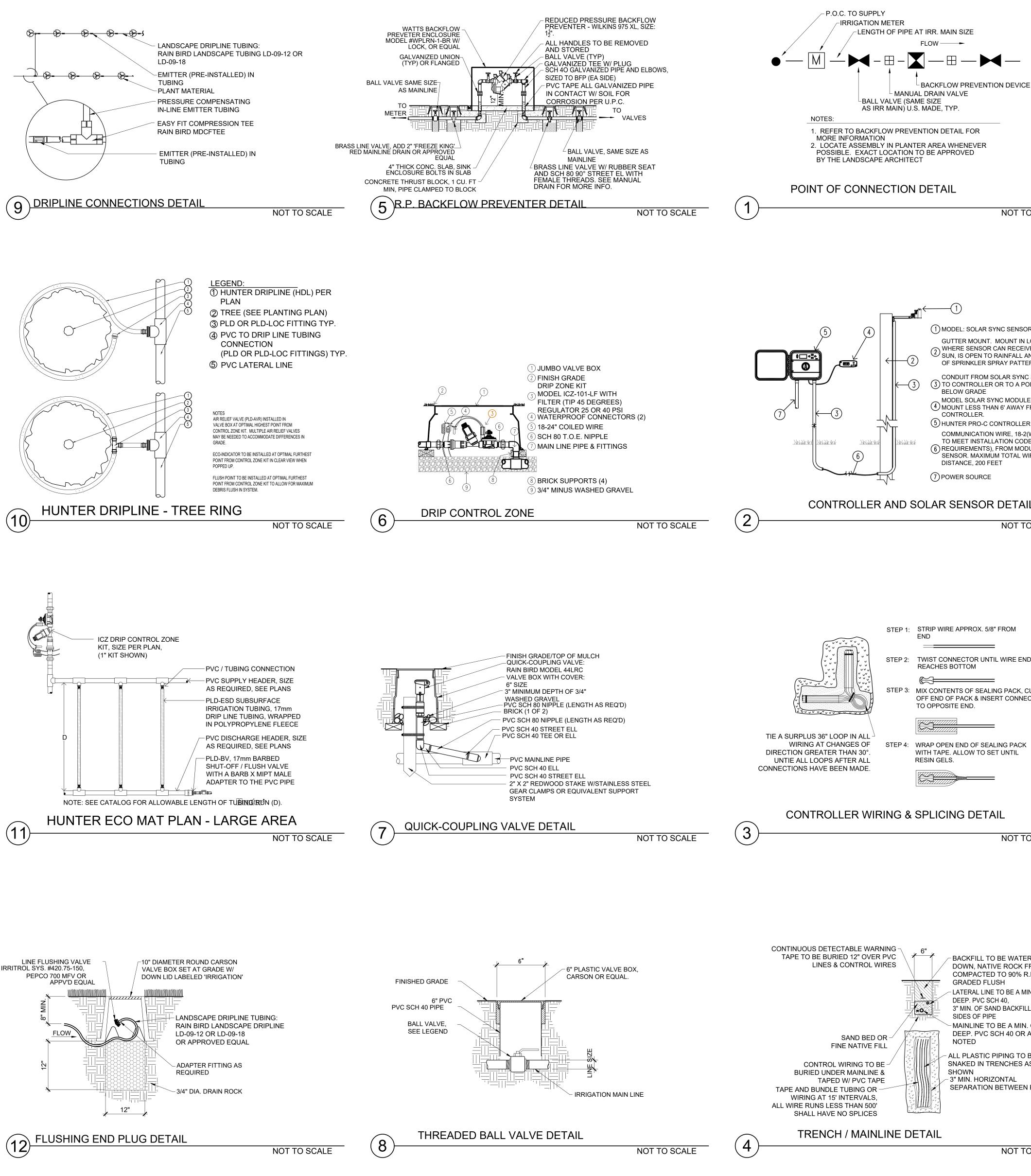
ONCE THE FOLLOWING PLANTS ARE ESTABLISHED, EMITTERS AND RUN TIME DURATION MAY BE REDUCED:

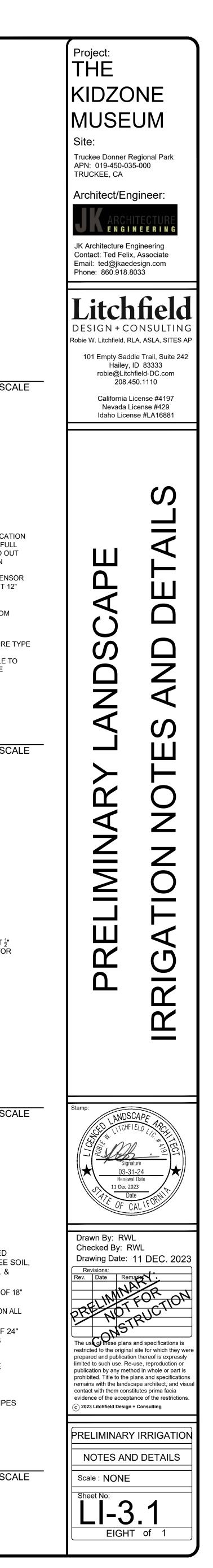
GENISTA, JEFFREY PINE, POTENTILLA, SEDUM, NEPETA, GRASSES

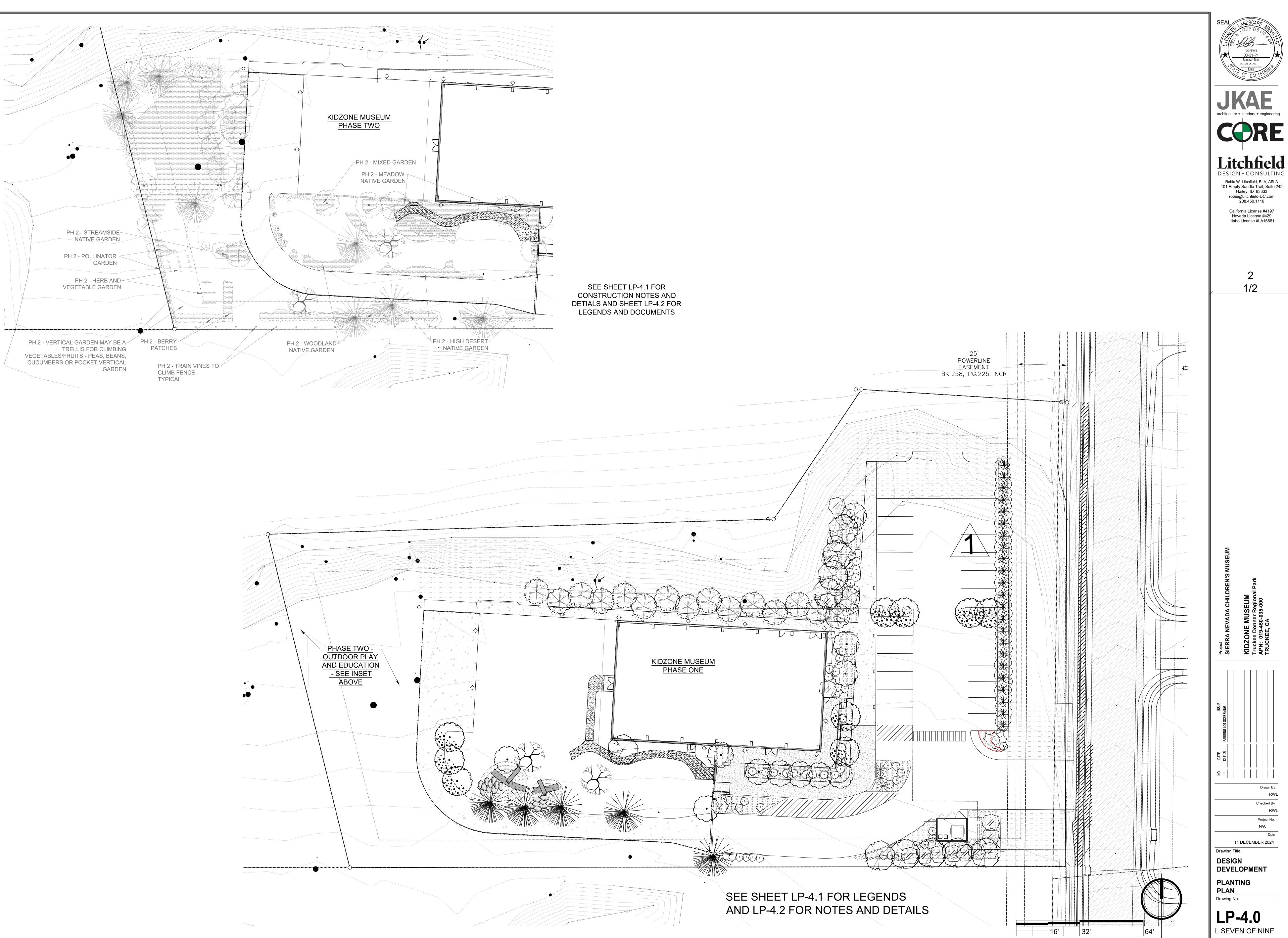


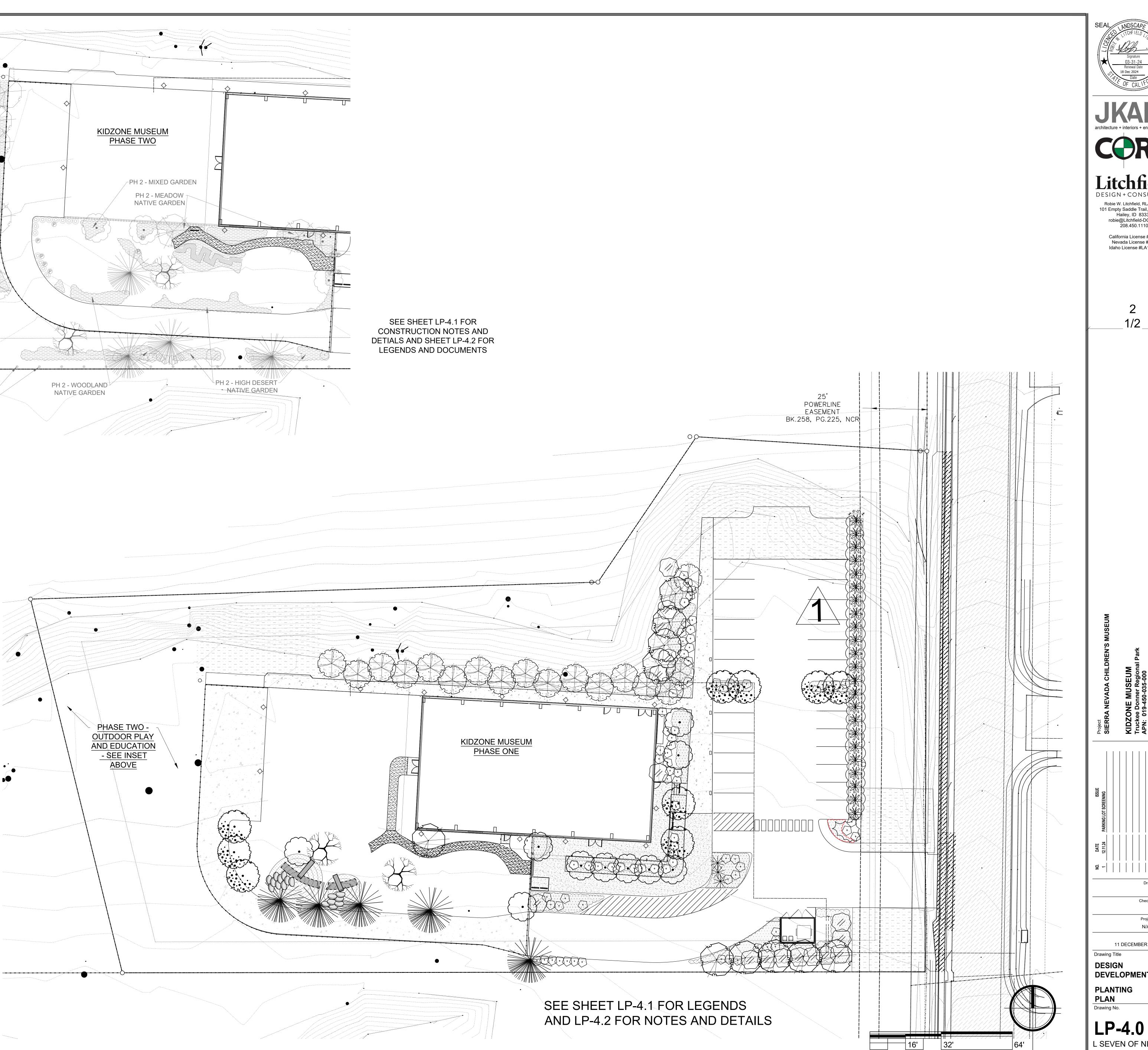












RWI

Date

TREES									SHRUBS				REVEG MIX		
AREA	MEASURE	TREES REQUIRED PER TOT DEVELOPMENT CODE	то	TREES EXISTING TO REMOVE	TREES EXPECTED	SIZES	PROVIDED	SHRUBS EXPECTED	SHRUBS PRO- POSED	GROUND COVERS & PERENNIALS PROPOSED	SIZES	PROVIDED	SQUARE FEET	COMMENTS	
ISTURBED AREA	3156 SF	1T/4SH PER 100 SF	1	4	31 **	24" Box	0 due to funders policy	126	88		#5	Not Shown Yet	7100	DISTURBED AREA CALUCLATED MINIMUM 5' FROM EDGE OF CONCRETE REVEGETATION SEED MIX SHALL INCORPORATE NATIVE SHRUBS IN LIEU	
OUTSIDE FENCE		= 32 T/126 SH *	-			#15	14			27 #1 PER'S 11 4" GC	#1	SHOWN IN MASSES ONLY AT THIS TIME		OF PLANTING MOST OF PROPOSED SHRUBS, 2:1 SLOPES SHALL BE STABILIZED WITH ADDITION OF JUTE NETTING.	
GREAT	7700 SF	1T/4SH PER 100 SF	3	19	77	24" Box	0 due to funders policy	308	216		#5	68	3445	A LOW PROFILE FESCUE SHALL BE SEEDED IN THIS DISTURBED AREA TO PROVIDE PLAY SUFACE FOR THE 'LOOSE PARTS' FEATURE AND SLIDE	
PLAY	***	= 77 T/308 SH *	, , , , , , , , , , , , , , , , , , ,			#15	39	500		93 #1 PER'S 27 4" GC	#1	SHOWN IN MASSES ONLY AT THIS TIME	5445	MOUNDS. SHRUBS INCLUDE BERRY PATCH SHRUBS	
REAR AND SIDE	50715	1T/4SH PER 20 LF =	16	0	22	24" Box	0 due to funders policy	101	71		#5	64		DUE TO LIMITATIONS PLACED ON THE DESIGN, "NO TREES LARGER THAN 15 GALLON" WILL BE ALLOWED WHETHER PAID FOR BY THE GRANT OI	
ROPERTY	507 LF	25T/ 101 SH *	10		22	#15	17	101		21 #1 PER'S 9 4" GC	#1	SHOWN IN MASSES ONLY AT THIS TIME		OTHER SOURCES, THE REQUIRED TREE QUANTITY IS MET WITH #15 TREES ONLY	
STREET BUFFER/ PARKING	234 LF	1T/4SH PER 20 LF = 5 T/20 SH *	0	0	12	24" Box	0 due to funders policy	47	0		#5	0	INCLUDED IN 7100	DUE TO LIMITATIONS PLACED ON THE DESIGN BY THE ELECTRICAL EASEMENT REGULATIONS, ONLY AN EROSION CONTROL SEED MIX IS SHOWN IN	
ADJACENT O STREET		5 1/20 5円				#15	0			10 #1 PER'S 4 4" GC	#1	0		THE STREET BUFFER ZONE	
	20.004.05					24" BOX	0 due to funders policy		30		#5	11		QUANTITIES AREE LIMITED BY SNOW REMOVAL AND SNOW STORAGE REQUIREMENTS. TREES NOT UTILIZED AS PARKING INTERIOR SHALL BE	
INTERIOR PARKING	30 SPACE - 2 ISLANDS	2T / 5 SH /5 STALLS = 12T / 60 SH	0	0	14	#15	10	60		13 #1 PER'S 5 4" GC	#1	SHOWN IN MASSES ONLY AT THIS TIME		UTILIZED IN PERIMETER AS FEASIBLE WITHOUT OVERCROWDING - TREES AND SHRUBS PROVIDE ALONG EASTERN EDGE OF PARKING IS INTENDE TO MITIGATE FOR LACK OF INTERIOR LANDSCAP PLANTING OPTIONS	

# GARDEN LEGEND PHASE ONE

- HARDY GARDEN POLLINATORS ACHILLEA SPECIES DIANTHUS SPP. ECHINACEA SPECIES HEMEROCALLIS SPP. LAVANDULA ANGUSTIFOIA 'MUNSTEAD' MUNSTEAD LAVENDER LEUCANTHEMUM MAXIMUM MONARDA DIDYMA NEPETA SPECIES PENSTEMON STRUCTUS RUDBECKIA FULGIDA 'GOLDSTURM' SALVIA SPECIES SEDUM SPECIES STACHYS BYZANTIA
  - YARROW PINKS, SWEET WILLIAM, CONFLOWER DAY LILY SHASTA DAISY BEEBALM CATMINT ROCKY MOUNTAIN PENSTEMON BLACK-EYED SUSAN ORNAMENTAL SAGE STONE CROP LAMBS EARS

	TRUCKEE GARDEN	
	ACER CAMPESTRE	HEDG
	ACER GINNALA	AMUF
	MALUS SPECIES	CRAB
	PICEA PUNGENS 'GLAUCA'	COLC
Ļ	PINUS SYLVESTRIS	SCOT
	EUONYMUS ALATA 'COMPACTA'	DWAF
2	SALIX PURPUREA 'NANA'	DWAF
-	SYRINGA VULGARIS	COM
- ב	VIBURNUM OPULUS	AMEF
	PINUS MUGO MUGO	DWAF
	PERENNIALS FROM ABOVE LISTS AS FIT	TING

# GARDEN LEGEND PHASE TWO

# STREAMSIDE

BETULA OCCIDENTALIS 'FONTINA
POPULUS TREMULOIDES
LONICERA INVOLUCRATA
RIBES NEVADENSE
SPIRAEA DENSIFLORA
CORNUS SERICEA
AQUILEGIA FORMOSA
LUPINUS POLYPHYLLUS
MEADOW
POPULUS TREMULOIDES
SALIX SCOULERIANA
SALIX LEMMONII

POPULUS TREMULOIDES
SALIX SCOULERIANA
SALIX LEMMONII
IRIS MISSOURIENSIS
PENSTEMON RYDBERGII

# WOODLAND

 CALOCEDRUS DECURRENS
PINUS CONORTA 'MURRAYANA
PINUS JEFFREY
AMELANCHIER ALNIFOLIA
PHILADLPHUS LEWISSII
BALSAMORHIZA SAGGITATA
LUPINUS ARGENTEUS
PENSTEMON HETERODOXUS
RUBUS PARVILORUS

## HIGH DESERT PINUS JEFFREY

ARTEMESIA TRIDENTATA POTENTILLA FRUITICOSA PURSIA TRIDENTATA LUPINUS ARGENTEUS
HARDY GARDEN - POLLINATORS ACHILLEA SPECIES DIANTHUS SPP. ECHINACEA SPECIES HEMEROCALLIS SPP. LAVANDULA ANGUSTIFOIA 'MUNSTEA LEUCANTHEMUM MAXIMUM MONARDA DIDYMA NEPETA SPECIES PENSTEMON STRUCTUS RUDBECKIA FULGIDA 'GOLDSTURM' SALVIA SPECIES SEDUM SPECIES STACHYS BYZANTIA

ALIS' WESTERN RIVER BIRCH QUAKING ASPEN TWINBERRY PINK MTN. CURRANT MOUNTAIN SPIREA REDTWIG DOGWOOD CRIMSON COLUMBINE STREAMSIDE LUPINE

> QUAKING ASPEN SCOULER'S WILLOW LEMMON'S WILLOW **BLUE FLAG IRIS** RYDBERG'S PENSTEMON

CA. INSCENSE CEDAR LODGEPOLE PINE JEFFREY PINE WESTERN SERVICEBERRY LEWIS' MOCK ORANGE ARROWLEAF BALSAMROOT SILVERY LUPINE SIERRA BEARDTONGUE THIMBLEBERRY

JEFFREY PINE BASIN SAGE SHRUB CINQUEFOIL BITTERBRUSH SILVERY LUPINE

YARROW PINKS, SWEET WILLIAM, CONFLOWER DAY LILY EAD' MUNSTEAD LAVENDER SHASTA DAISY BEEBALM CATMINT ROCKY MOUNTAIN PENSTEMON BLACK-EYED SUSAN ORNAMENTAL SAGE STONE CROP LAMBS EARS

	TRUCKEE GARDEN	
	ACER CAMPESTRE	HEDGE MAPLE
	ACER GINNALA	AMUR MAPLE
	MALUS SPECIES	CRABAPPLE AND APF
	PICEA PUNGENS 'GLAUCA'	COLO. BLUE SPRUCE
OL	PINUS SYLVESTRIS	SCOTCH PINE
SYMBOL	EUONYMUS ALATA 'COMPACTA'	DWARF BURNING BUS
X	SALIX PURPUREA 'NANA'	DWARF ARCTIC WILLO
BY S	SYRINGA VULGARIS	COMMON LILAC
íш П	VIBURNUM OPULUS	AMERICAN CRANBER
	PINUS MUGO MUGO	DWARF MUGO PINE
	PERENNIALS FROM ABOVE LISTS AS FIT	TING
	VEGETABLE GARDEN	
	ALLIUM SCHOENOPRASUM	CHIVES
	ALLIUM SPECIES	ONIONS
	ARTEMESIA SPECIES	TARRAGON
	RIBES ODORATUM	BUFFALO CURRANT
	SAMBUCUS CAERULEA	BLUE ELDERBERRY
	THYMUS CITRIODORUS	LEMON THYME
	THYMUS VULGARIS	COMMON THYME
	VACCINIUM SPECIES	NO. HIGHBUSH BLUE
	CHAMAEMELUM NOBILE	CHAMOMILE
   .   .   .   .	LAVANDULA ANGUSTIFOIA 'MUNSTEAD'	MUNSTEAD LAVENDE
	MELISSSA OFFICINALIS	LEMON BALM
.   .   . .   .   .	MENTHA SPECIES	PEPPER, SPEAR,
	OREGANUM SPECIES	OREGANO AND MARJ
	ROSMARINUS OFFICINALIS	ROSEMARY
	SALVIA OFFICINALIS	SAGE
	TROPAEOLUM MAJUS	NASTURTIUM
	OTHER VEGETABLES AND FRUITS INCLU	JDING TOMATOES, CAI
	RADISHES, BELL PEPPERS, BASIL, CILAN	NTRO, PARSLEYS, BRC
	GARLIC, MARIGOLDS, SUNFLOWERS, FE	
	SQUASHES, CUCUMBER, PEPPERS, BEA	
	OREGANO AND MARJORAM, SAGE, RHU	
	, ,	

OGE MAPLE

UR MAPLE ABAPPLE AND APPLE

LO. BLUE SPRUCE

OTCH PINE

ARF BURNING BUSH ARF ARCTIC WILLOW

MMON LILAC

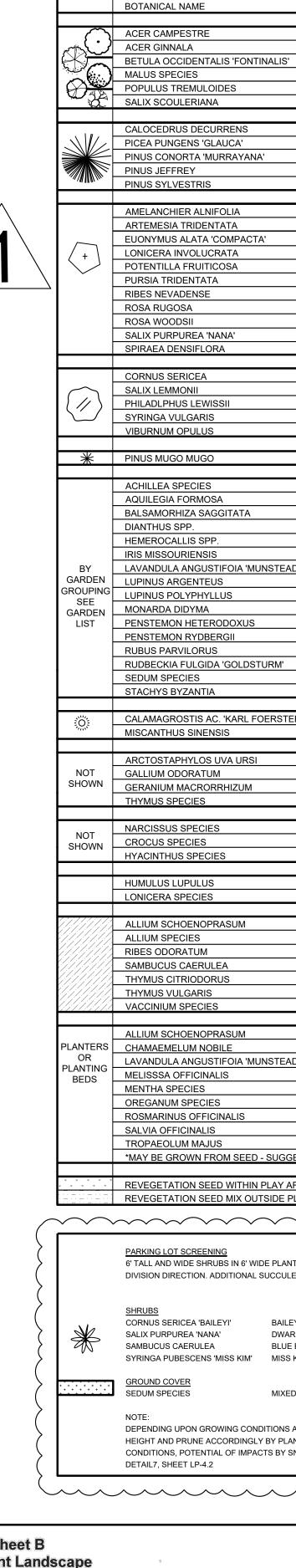
RICAN CRANBERRY

ARF MUGO PINE

MAPLE MAPLE PPLE AND APPLE BLUE SPRUCE H PINE BURNING BUSH ARCTIC WILLOW ON LILAC CAN CRANBERRY MUGO PINE

LDERBERRY THYME ON THYME HBUSH BLUEBERRY MILE EAD LAVENDER BALM R, SPEAR, NO AND MARJORAM ARY RTIUM OMATOES, CARROTS, ARSLEYS, BROCCOLI,

ND DILL, ARNICA, TUCE, KALE, CHARD,



Worksheet B Water Efficient Landscape	Worksheet A - Water Efficient Landscape Worksheet This worksheet shall be filled out by the project applicant and is required to be submitted with the Landscape Design Plan			PLAN		T TOLERANCE		
Certificate of Completion (This form is required at final inspection)	This form is required for the following projects: - All projects that propose landscaping 2,500 s.f. or greater; and	FOR KIDZONE MUSEUM						
	- Projects with 500 s.f. or more but less than 2,500 s.f. of landscaping that are not proposing use of the prescriptive approach (Worksheet C)	It is important to	note that the d	rought toleran	cas avprassed l	5-Dec-23	non plants being w	
Project Information:	A project applicant shall complete the Water Efficient Landscape Worksheet which contains information on the plant factor, irrigation method, irrigation	typically take three						
Project Address: Not Wailable APN: 019-450-035-000	efficiency, and area associated with each hydrozone. Calculations are then made to show that the evapotranspiration adjustment factor (ETAF) for the landscape project does not exceed a factor of 0.55 for residential areas and 0.45 for nonresidential areas, exclusive of Special Landscape Areas. The ETAF for a landscape project is based on the plant factors and irrigation methods selected. The Maximum Applied Water Allowance is calculated based on	of the plants to th vegetation is muc	hrive, not mere	ly survive, supp	olemental wate	r will be necessary	y. For optimal Defe	
Permit Number: Not available Project Name: The Fid Tane, Museum	the maximum ETAF allowed (0.55 for residential areas and 0.45 for non-residential areas) and expressed as annual gallons required. The Estimated Total Water Use (ETWU) is calculated based on the plants used and irrigation method selected for the landscape design. ETWU must be below the MAWA.				Relative	Percentage of	Percentage of	Τ
Cialas Lands (1:1) travier human		Plant Type	Common	Quantity Specified	Drought		Native Plant Count of 161 total Native	
Section A. Landscape Designer / Willico	Reference Evapotranspiration (ETo) = 32.1		Name	Specified	Tolerance	Total Plants	Plants	3
X I certify that I am qualified by the State of California to perform landscape design services; the landscape design	Is this a residential project? No	Turf	None	N/A	-	-	-	N
and water use calculations for this project were prepared by me or under my supervision; the landscape and irrigation designs and water use calculations comply with the requirements of the Water Efficient Landscape	Regular Landscape Areas	Ornamental	Maple					Es
Ordinance (Development Code Section 18.040.060), and the Documents for Compliance is complete and	Irrigation         Landscape         ETAF         Estimated Total           Hydrozone #/         Plant Factor         Efficiency         ETAF <sup>e</sup> Area         x         Water Use	Deciduous Trace	Species	17	Moderate	8.00%	0.00%	lo
conform to the requirements of the Ordinance; OR	Hydrozone #/Plant FactorEfficiency $ETAF^{e}$ AreaxWater UsePlanting Description <sup>a</sup> (PF) <sup>b</sup> Irrigation Method <sup>c</sup> (IE) <sup>d</sup> (PF/IE)(sq. ft.)Area(ETWU) <sup>f</sup>	Trees						+
Jame: Robie W. Litchfield Relationship to Project: Consultant	1.Native seed /shrub reve         0.2         Drip         0.81         0.2         5,800         1,432         28,502           2.Mixed native/orn         0.4         Drip         0.81         0.5         4,150         2,049         40,787	Ornamental						Th
Relationship to Project: Corrowand	2.Mixed native/orn         0.4         Drip         0.81         0.5         4,150         2,049         40,787           3Mixed native/orn         0.4         Drip         0.81         0.5         7,100         3,506         -	Deciduous Trees	Crabapple	9	Very	4.00%	0.00%	dr
Company Name (if Applicable): Httpfilld Design+ (molto State License # (if applicable): 4129	4.Turf - drought tolerant         0.4         Spray         0.75         0.5         7,100         3,787         -           5. Veg Garden         0.4         Drip         0.81         0.5         800         395         -							
	5. Veg Garden         0.4         Drip         0.81         0.5         800         395            Drip         0.81         0.0         -         -         -         -	Native	Assas and					Tł
Signature: Date: 16.0.65	Drip 0.81 0.0	Deciduous	Aspen and Scouler's	41	Moderate to	20.00%	25.00%	riț
Section B. Landscape Installer	Drip 0.81 0.0 Totals 24.950 11.169	Trees	Willow	11	Very	20.0070	2010070	to
I certify that (a) I am qualified by the State of California to provide landscape design services; the landscape	Average ETAF for Regular Landscape Areas 0.45							ex
project for this project was installed by me or under my supervision; (b) the landscaping for the identified property	If it is a residential project: If it is a non-residential project: The Average ETAF complies	Ornamental						
has been installed in substantial conformance with the approved Documents for Compliance and complies with	Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas and 0.45 or below for non-residential areas.	Evergreen	None	2	VERY	1.00%	0.00%	sp
the requirements of the Water Efficient Landscape Ordinance (Development Code Section 18.040.060); (c) a diagram of the irrigation plan showing hydrozones is kept with the irrigation controllers; (d) the Certificate of	Special Landscape Areas (SLA) - Areas of the landscape dedicated soley to edible plants, recreational areas, areas irrigated	Trees Native						+
Completion has been completed in compliance with the requirements of the Water Efficient Landscape Ordinance	with recycled water, or water features using recycled water.	Evergreen	Jeffrey Pine	11	Extremely	5.00%	7.00%	Pr
and includes an irrigation schedule, irrigation maintenance schedule, and irrigation inspection report completed by	Irrigation Landscape ETAF Estimated Total	Trees	-					th
an approved USEPA WaterSense Labeled approved third-party inspector.	Hydrozone #/ Plant Factor Efficiency ETAF <sup>e</sup> Area x Water Use	Ornamental	None	19	Moderate to	9.00%	0.00%	N
lame: Relation to Project:	Planting Description <sup>a</sup> (PF) <sup>b</sup> Irrigation Method <sup>c</sup> (IE) <sup>d</sup> (PF/IE)     (sq. ft.)     Area     (ETWU) <sup>f</sup> 1     1     0     0	Shrubs		10	Very	510070	0.0070	fo
			Redtwig Dogwood,					
Company Name (if applicable): State License # (if applicable):			Lemmon's					AI
Signature: Date:		Native Shrubs	Willow, Shrub	109	Moderate to	53.00%	68.00%	fo
			Cinquefoil,		very			hc
Section C: Owner/Representative			Mountain					
I certify that I am the property owner or an authorized representative and have received copies of all the	Totals     0     0       Average ETAF for All Landscape Areas (Sitewide)     0.45		Spirea					+
documents within the Documents for Compliance and the Certificate of Completion and that it is my responsibility	Average ETAF for All Landscape Areas (Sitewide) 0.45 Estimated Total Water Use (ETWU) Total 222,293		Catmint, Shasta Daisy,					
to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedules and addresses the recommendations provided in the irrigation inspection report.	Maximum Allowed Water Allowance (MAWA) for Residential Areas <sup>9</sup> 273,105	Ornamental	Garden Phlox,	TBD	Very to	0.00%	0.00%	A
addresses the recommendations provided in the imgation inspection report.	Maximum Allowed Water Allowance (MAWA) for Non-Residential Areas <sup>g</sup> 223,450	i voronniaic i	Feather Reed		Extremely			re
lame: Phone:	To comply with this chapter, the ETWU must be equal to or less than the MAWA.		Grass					$\perp$
	If it is a residential project:	Native		TBD		0.00%	0.00%	N
Relationship to Owner/Company: Email:	If it is a non-residential project: The ETWU complies with the MAWA	Perennials	-	עפו	-	0.00%	0.00%	sp
Signature: Date:	<sup>a</sup> Hydrozone#/Planting Description Examples: 1) Front lawn; 2) Low water use plantings; 3) medium water use planting	Ormorrantal	Bearberry					Cc
	<sup>b</sup> Plant Factor (PF) is a factor, when multipled by ETo, estimates the amount of water needed by plants. The plant factor range for very low	Ornamental Ground Cover	Manzanita,	TBD	Very	0.00%	0.00%	m
Qualified irrigation convice provider: The following individuals are sufferized to provide convices required by	<sup>c</sup> Irrigation Method: Overhead spray or drip <sup>d</sup> Irrigation Efficiency: 0.75 for spray head; 0.81 for drip		Stone Crop					<u></u>
Qualified irrigation service provider: The following individuals are authorized to provide services required by the Water Efficient Landscape Ordinance in the State of California: Landscape Architects, Landscape Contractors,	<sup>e</sup> ETAF: Estimated Total Adjustment Factor. Factor of 0.55 for residential areas and 0.45 for non-residential areas, that, when applied to	Native Ground	Low Profile	N/A	Very	0.00%	0.00%	Se
Landscape Designers and Irrigation Consultants. Personal property owners may design and sign plans for work on any	<sup>f</sup> ETWU (Annual gallons required): Eto x 0.62 x ETAF x Area (0.62 is a conversion factor that converts acre-inches per acre	Cover	Grass seed					
property they own. (Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the	<sup>g</sup> MAWA (Annual Gallons Allowed): (Eto)(0.62)[(ETAF x LA) + ((1-ETAF) x SLA)]							to
Business and Professions Code, Section 832.27 of Title 16 of the California Code of Regulations, and Section 6721 of	0.62 = conversion factor that converts acre-inches per acre per year to gallons per square foot per year	Totals		208		100.00%	100.00%	
the Food and Agricultural Code.)	LA = total landscape area in square feet SLA = total special landscape area in square feet	Summary - all pla		or this project ca	an be categoriz	ed as Drought Tol	erant, as of date of	Pre
* Please attach the irrigation schedule, irrigation maintenance schedule, and irrigation inspection report	ETAF = Evapotranspiration Adjustment Factor, which adjusts for plant factors and irrigation efficiencies;	indigenous and n	o Turf is used.					
								-

S         Simular Notar Biolog         Tr         1         1         0         Add Brown         Add Looke         Marting         Umage		COMMON NAME	P1 QTY	P2 QTY	SIZE	SPACING	COMMENTS	ORIGIN	WATER USE	FUNCTION
MARANGE         No.1         No.1         AL # EXCM         ONL LINEAR         ADD/FILE         NO.2         NO.		HEDGE MAPI E	12	5	#15		MULTLSTEM			HIDING FALL COLOR SHADE WILL
			12	5					-	WIND EFFECTS, FALL COLOR, HIDI
Distance Average         No.         Asis	S'	WESTERN RIVER BIRCH	17	1	#15	AS SHOWN	MULTI-STEMMED TREE	NATIVE	LOW	WIND EFFECTS, FALL COLOR, HIDI
Solution			-	-						WINTER BERRIES - PERSISTENT V
Construction         Construction<				10						WIND EFFECTS, FALL COLOR, SHA
Dis. Notifier Gibbs         PAI         Ad Boow         Performs         Inter         Dis.         Adjaces         Performs           Adjaces         T         Model Market         T         Model Market         Comparison         Comparintethic line		SCOULER'S WILLOW	2	1	#15		MULTI-STEM - 25	NATIVE	LOW	WIND EFFECTS, FALL COLOR, SHA
LOCAL PIPE         P         PH         All BOOM         PALE         ALL DOES         PL/PIC         COREAUE         PL/PIC         COREAUE         PL/PIC         PL/PIC        PL/PIC        PL/PIC <td></td> <td>CA. INSCENSE CEDAR</td> <td></td> <td></td> <td>#15</td> <td></td> <td>EVERGREEN</td> <td>NATIVE</td> <td>LOW</td> <td>FRAGRANCE, PLAY PROPS, BARK,</td>		CA. INSCENSE CEDAR			#15		EVERGREEN	NATIVE	LOW	FRAGRANCE, PLAY PROPS, BARK,
		COLO. BLUE SPRUCE			#15		BLUE GRAY LEAVES, TO 30' TALL	ADAPTIVE		HIDING PLACES, EVERGREEN, PLA
Source Park         The         Average Market B         Average Market B         Average Market B         Average Market B           PARTIN NETWOOR PARK AND		LODGEPOLE PINE	5	7		#15	AS SHOWN	SMALL CONES		MODERATE PLAY PROPS, WILDLI
Mattern processing         Mattern procesprocessing         Mattern processing         M										EVERGREEN, PLAY PROPS, WILDL
MADE NUMBER CALENCY         PAGE NUMBER CALENCY	_	SCOTCH PINE			#15		EVERGREEN	ADAPTIVE	MODERATE	TEVERGREEN, PLAY PROPS, WILDL
Boomson 2         Boomson 2 <t< td=""><td></td><td>WESTERN SERVICEBERRY</td><td></td><td></td><td>#5</td><td></td><td>5' TALL, YLO FALL, WHT SPRING</td><td>NATIVE</td><td>LOW</td><td>NATIVE GARDEN</td></t<>		WESTERN SERVICEBERRY			#5		5' TALL, YLO FALL, WHT SPRING	NATIVE	LOW	NATIVE GARDEN
INVERSION         ID         AD S GOM         ID TO ALL PRESSURE 1/CODES         NOTE         LOW         NULLEE           INVERD COLUMN         6         AD S GOM         IVER COLUMNS         NOTE         LOW         NULLEE           INVERD COLUMNS         6         AD S GOM         IVER COLUMNS         NUTLEE         NUTLEE <td></td>										
Berling Brolighfond Biology (1999)         No.         Xev Dec 20, Total Biology (1999)         No. Total Biology (1999)         No. Totall		DWARF BURNING BUSH			#5	AS SHOWN	TO 5' TALL, INTERESTING FORM	ADAPTIVE	MODERATE	FALL COLOR
BIT Cale (1991) FUNCTION (1994) SCORED, CONSTRUCT         File         AD IS SOUND, PARL 12, CALE (1992) FUNCTION (1994) FUNCTION (19		1	$\sim$							WILDLIFE
SPRE MIL CURRYNI ROCOM ADDI SCHOOL MONTH         FOR ACCOM ADDI SCHOOL MONTH <td></td> <td></td> <td>83</td> <td>) 22</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			83	) 22						
REGOSA HOSE         PARCE ALS BERON         PARK ELANGES, HATS         ADDR 10         NUMBER         NUMB										WILDLIFE, FRAGRANCE,
TWOODS NOTE         TYPE         As all own         With Lip Own / Automation         Number / Automation         Number / Automation           MODERA MICE VILLOW         45         As all own         MODERA MICE VILLOW         Automation         Automati										FRAGRANCE, PLAY PROPS, BARRI
HOUSTAN GENCL         P         A 5 SYMM         NUME         NUME         NUME         DUM           LECTIVE DUMPSCON         F         A 5 SYMM         NUME (F NM         NUME (F NM NM         NUM (F NM NM         NUME (F NM NM NM         NUM										FRAGRANCE, BARRIER, PLAY PRO
NEXTYPE D000000         FX         Add SHOW         NATIVE TW         Add YE         <		DWARF ARCTIC WILLOW	]		#5	AS SHOWN	GRAY-GRN LEAVES, PURPLE BARK	ADAPTIVE	MODERATE	WIND INTEREST, TEXTURE, PLAY
FREETING DOB/YORD         FREE         FREE         FUNCTION		MOUNTAIN SPIREA			#5		NATIVE 3' T/W	NATIVE	LOW	
LIDEMAND         PA         PA         PA         A BROWN         AND/E 50 TW         NATURE         Month         Month         Month           COMMINITACE         100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
IFERE WORK GRAUPE         VP         Fit         Assessment         TO FE 14.         Mathematic         Nature         ICON         FRAGMACCE           Advector Consumative         A         Assessment         With FL Control (CRAD)         Advector Consumative         Advector Cons									-	PLAY PROPS, FALL COLOR, WILDL
COMMAN LUAC         File         A 9 BIONN         DURGE TAS ENABLEMENT         A ADDITION         ADDITION         FAMILY ADDITION           BERNAGE CARDENATION         S         ADDITION         MIDE NATIONAL SILVENTS         ADDITIONAL SIL			18	9						FRAGRANCE
AMERICA DEAGERSY         FOR         A.S. BORNAM         AMERICA DERISA.         AMERICA         AMERIC				5						
DWARE FUND ENE         3         7         6         A SEMON         TO TALL FERGERSIN         ADDITION         AD						AS SHOWN				HIDING PLACES, PLAY PROPS
PARENUM         PHERENNALS         PARENUM         PHERENNALS         PHERENNALS         PHERENNALS           VARISON         41         2 C.C.         TO STALL YELLOW, ORANGE, RED FJS         ADATTICE         LOW         PROVEMENT         PR										
Vinter         Init         2.0.C.         TO BY TAL, YELLOW ORANGE, RED FLS         ADAPTIVE         LOW         Exceeded and the set of the s		DWARF MUGO PINE	3	7	#5		TO 6' TALL, EVERGREEN	ADAPTIVE	MODERATE	FRAGRANCE, PLAY PROPS
OFMASON COLUMENTS         II         9 -0.C.         TO TALL, RED AVIO.FLS         NATVE         MOZENTE         FRAGRANCE           ABRON, LEG ANSAMDOT         II         24' 0.C.         TO TALL, RED AVIO.FLS         NATVE         MOZENTE         FRAGRANCE           PINKS, SWET WILLIMA,         II         12' 47' TALL YO, R.S., GAVIESS         NATVE         MOZENTE         FRAGRANCE           BLO FLADING         II         12' 44' TALL YO, R.S., GAVIESS         NATVE         IOW         FRAGRANCE           BLO FLADING         III         III         12' 44' TALL YO, R.B., GAVIESS         NATVE         IOW         FRAGRANCE           BLO FLADING         III         IIII YAL         IIII INDUCTOR         NATVE         IOW         FRAGRANCE           BLORE TAD UNPERSON         IIII INDUCTOR         IIIII INDUCTOR         NATVE         IOW         FRAGRANCE           STRAR SEARCTONGUE         III         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		YARROW			#1		TO 18" TALL YELLOW ORANGE RED FLS	ADAPTIVE	LOW	
PINNS, SWEET VILLIAU,         PI         PI </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>FRAGRANCE</td>									-	FRAGRANCE
DAY LUY         P1         12-47 TAL YO, P2         BULE NA GRADE         ADAPTIVE         MODERATE         COUCH TEXTURE, FLANDARE           BULE RAGRAG         #1         19 G.C.         15 TAL, LAYTRUBE FLAND, GARAFEL         LOW         FTATURE, FLANDARE           ADD MURTEAD LAVENDER         #1         19 G.C.         12 TAL, LAYTRUBE FLAND, GARAFELANDE         ADAPTIVE         LOW         FTADLES, FLANDARE           SUMERY LUMPLE         #1         19 G.C.         12 TAL, LAYTRUBE FLANDE         ADAPTIVE         LOW         FRAGRANCE, POLLMATOR           STREAM LONGLIE         #1         19 G.C.         REDUK, LAYTRUE FLANDERS         MADTUE         LOW         FRAGRANCE, POLLMATOR           STREAM LAVENDER         #1         19 G.C.         BULE FLANDERS         MADTUE         LOW         FRAGRANCE, POLLMATOR           STREAM LAVENDER         #1         19 G.C.         BULE FLANDERS         MADTUE         LOW         FOLLMATOR           MARCE CONSULT         #1         10 G.C.         BULE FLANDERS         MADTUE         LOW         FOLLMATOR           MARCE CONSULT         #1         10 G.C.         BULE FLANDERS         MADTUE         LOW         FOLLMATOR           MARCE CONSULT         #1         21 G.C.         GRANDERS         MADTUE		ARROWLEAF BALSAMROOT			#1	24" O.C.	TO 2' TALL, YLO FLS, GRAY LEAVES	NATIVE	LOW	PLAY PROPS, POLLINATOR
BLUE FLAG RIG         #1         IF 0.C.         IF TAIL, LOY INDER, LOW FIELD, REPLAY FROME         NATE         LOW         FEXTURE, PLAY FROM           SIVERY LUPINE         #1         IF 0.C.         IF TAIL, BLE, GANY FOLGE         NATE         LOW         FEXAGRANCE, FOLINATION           SIVERY LUPINE         #1         IF 0.C.         IF TAIL, BLE, GANY FOLGE, GANY FOLGE         NATE         LOW         FEXAGRANCE, FOLINATION           SIREWASSIELEUPINE         #1         IF 0.C.         IF TAIL, BLE, GANY FOLGE         NATE         LOW         FEXAGRANCE, FOLINATION           SIREWASSIELEUPINE         #1         IF 0.C.         BLE CAVERSS         NATE         LOW         FEXAGRANCE, FOLINATION           SIREWASSIELEUPINE         #1         IF 0.C.         TO ST TAIL, GOAL FEADERS         NATE         MODERATE         FOLINATIONS           THRME SIREWA         #1         IF 0.C.         TO ST TAIL, GOAL FEADERS         NATE         MODERATE         FOLINATIONS           BLACKYED GUASAN         #1         IF 0.C.         TO ST TAIL, GOAL FEADERS         NATE         MODERATE         FOLINATIONS           BLACKYED GUASAN         #1         IF 0.C.         TO ST TAIL, GOAL FEADERS         NATE         MODERATE         FOLINATIONS           BLACKYED GUASAN         #1 <td></td> <td></td> <td></td> <td></td> <td></td> <td>12-18" O.C.</td> <td>WHITE, PINK, PURPLE, MAGENTA, RED</td> <td></td> <td>MODERATE</td> <td>FRAGRANCE</td>						12-18" O.C.	WHITE, PINK, PURPLE, MAGENTA, RED		MODERATE	FRAGRANCE
AD         MUNETAPAL LAVENDER I.         III         IIII O.C.         IIII Z. TALL LAVENDER I.G. GAN FOLGOLGO         ADAPTIVE         LOW         FRAGENANCE TEXTURE           SILVERY LUPINE         IIII         IIII O.C.         IIIII ALE BULG GRAVE DEVIDES         NATUE         LOW         FRAGENANCE FOLLIMATOR           SILVERY LUPINE         IIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII									_	COLOR, TEXTURE, FRAGRANCE
SILVEN/ LUPINE         FI         IT O.C.         IF TALL, EUL, WANTELESS         NATIVE         LOW         FRAGRANCE, POLLMATOR, FRAGRANCE, POLLMATOR, SARCHARD,										
STREMANDIFULIENC         PI         P 0.C.         2.3 TALL BULE MUT, REMOVERDONS         MITUE         LOW - NOD.         FRAGRANCE POLINATORS           BEERA ALM         #1         3° C.C.         REP. PINK, LAVENDER REWERS         MATUE         LOW - POLINATORS           SIERA REARDTONCIE         #1         1° C.G.         BLUE FLOWERS         MATUE         LOW         POLINATORS           WHORE LO PENDATIMON         #1         1° C.G.         BLUE FLOWERS         MATUE         LOW         PLANTORS           THIBUL FORMERS         #1         3° C.G.         TO 3 TALL BIRLE         MATUE         LOW         PLANTORS           RACK-EYPE SUSAN         #1         3° C.G.         TO 3 TALL BIRLE         ADAPTIVE         LOW         PLANTORS           STORE CROP         #1         2° C.G.         OTIN 3' TALL GOLD RESROWA CENTER         ADAPTIVE         LOW         TEXTURE, PLAY PROPS.           LMASE CRAS         0         13         #1         AS SHOW         TO 1 TALL FOUNTAIN SHAFE         ADAPTIVE         LOW         TEXTURE, PLAY PROPS.           LMASE CRAS         0         13         #1         AS SHOW         TO 1 TALL FOUNTAIN SHAFE         ADAPTIVE         LOW         TEXTURE, PLAY PROPS.           LMASE CRAS         0         13<										
BEERALM         FI         Str C C.         RED, PIKL LAYENDER E. OWERS         ADAPTIVE         MOD         FRAARANCE, POLINATORS           SIERRA GEADTONUUE         H1         12° C.         BLUE FLOWERS         NATIVE         LOW         POLINATORS           WHORLED PENDSTEMON         H1         12° C.         BLUE FLOWERS         NATIVE         LOW         POLINATORS           WHORLED PENDSTEMON         H1         3° C.C.         TO 2' TALL EDBLE         NATIVE         LOW         OCOR. CONES           BLACK YED SUSAN         H1         3° C.C.         TO 3' TALL GOLD FLOREDRY         ADAPTIVE         LOW         OCOR. CONES           STONE EROP         H1         24° C.C.         ORN S' SULA, COLO FLOREDRY         ADAPTIVE         LOW         TEXTURE, FLAY PROPS,           LAMBE CARS         J1         AS SHOWN         ORN 45 TALL         ADAPTIVE         LOW         TEXTURE, FLAY PROPS,           MAIDEN GRASS         J1         AS SHOWN         ORN 45 TALL         ADAPTIVE         MODERATE         TEXTURE, FLAY PROPS,           SIGNED CERANUM         4'         4' C.C.         CLURAN SHAPE         ADAPTIVE         MODERATE         FRAGRANCE           SIGNED CERANUM         4'         19' C.         OLURAN SHAPE         ADAPTIVE										
WHORLED PENDSTEMON         #1         12° O.C.         BLUE FLOWERS         NATVE         MODERATE         POLNATORS           THABLELERTY         #1         310.C.         T0 37 TALL, BOUD FLSBEWCH NETTER         ADAPTIVE         LOW         POLNATORS           BLACKEYED SUSAN         #1         210.C.         T0 37 TALL, BOUD FLSBEWCH NETTER         ADAPTIVE         LOW         TOXINE GOOD           STONE GOOP         #1         24° O.C.         ORN 3'DUA PINK FLE         ADAPTIVE         LOW         TEXTURE, PLAY PROPS.           TER         FATHER REED GRASS         41         AS SHOWN         ORN 4/14/15. LAVENDER FLS         ADAPTIVE         MODERATE         TEXTURE, PLAY PROPS.           MATCH GRASS         1         41         AS SHOWN         ORN 4/14/15. LAVENDER FLS         ADAPTIVE         MODERATE         TEXTURE, PLAY PROPS.           BLAR BERRY MARZANITA         42         47° O.C.         UNIT FLOWTS.         ADAPTIVE         MODERATE         FRAGRANCE           BLAR BERRY MARZANITA         42         47° O.C.         UNIT FLOWTS.         ADAPTIVE         MODERATE         FRAGRANCE           BLAR BERRY MARZANITA         42         110° O.C.         PINK OLIVERS.         ADAPTIVE         LOW         FRAGRANCE           SWET WOODRUF         4										, , ,
THMBLEBERRY         P1         2* 0.C.         TO 3* TALL EDBLE         NATIVE         LOW         PLAY PROPS           BLACK-EVE DUSAN         41         31 0.0         TO 3* TALL EDBLE         ADAPTIVE         LOW         TEXTURE FLAY PROPS.           STORE GROP         41         24* 0.C.         ORN JOA, PINK FL.         ADAPTIVE         LOW         TEXTURE FLAY PROPS.           LAMDS FARS         0         13         45* 0.C.         ORN ADAPTIVE         LOW         TEXTURE FLAY PROPS.           IAMDE CRASS         0         13         AS SHOWN         TO 7 TALL FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, FLAY PROPS.           IAMDE CRASS         0         14         AS SHOWN         TO 7 TALL FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, FLAY PROPS.           IAMDE CRASS         0         14         AS SHOWN         TO 7 TALL FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, FLAY PROPS.           IBME CRASS         0         14         AS SHOWN         TO 7 TALL FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, FLAY PROPS.           IBME CRASS         4         4*0 C.         ORN JONE SHOWN         TO 7 TALL FOUNTAIN SHAPE         ADAPTIVE         LOW         REASTARCE		SIERRA BEARDTONGUE			#1	12" O.C.	BLUE FLOWERS	NATIVE	LOW	POLLINATORS
BLACKEYED SUBAN         P1         31 0.C.         TO WORK FL.         ADAPTIVE         LOW         COLOR. CONES           LAMBS EARS         P1         24' 0.C.         SOTI GRAV LEAVES, LAVENDER FL.S         ADAPTIVE         LOW         TEXTURE, PLAY PROPS,           LAMBS EARS         P1         24' 0.C.         SOTI GRAV LEAVES, LAVENDER FL.S         ADAPTIVE         LOW         TEXTURE, PLAY PROPS,           LER         PEAR BERY MASABL         P1         AS SHOWN         OR A 45 TALL         ADAPTIVE         MODERATE         TEXTURE, WAND INTEREST,           MADEN GRASS         P1         AS SHOWN         OR A 45 TALL, FOURTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, WAND INTEREST,           MADEN GRASS         P1         AS SHOWN         OR A 45 TALL, FOURTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, WAND INTEREST,           MADEN GRASS         P2         4'         AFO.C.         WH FLOWERS         ADAPTIVE         LOW         COUNT, TEXTURE, MAND INTEREST,           BURG OFTERNUM         P2         4'         AFO.C.         WH FLOWERS         ADAPTIVE         LOW         FEAGRANCE           BURG TERMANDA         P2         4'         BURG TEXTURE, MAND MERTER         ADAPTIVE         LOW         FRAGRANCE <td< td=""><td></td><td>WHORLED PENDSTEMON</td><td></td><td></td><td>#1</td><td>12" O.C.</td><td>BLUE FLOWERS</td><td>NATIVE</td><td>MODERATE</td><td>POLINATORS</td></td<>		WHORLED PENDSTEMON			#1	12" O.C.	BLUE FLOWERS	NATIVE	MODERATE	POLINATORS
STORE GROP         #1         24'0 C.         ORN 3' DUA PINK FL.         ADAPTIVE         LOW         TEXTURE, FLAY PROPS.           LAMBE ARS         -         -         ORNAMENTAL GRASSES         -         -         CAMPUICATION CONTRACTOR CONTRAC										
LABS EARS         #1         24" OC         SOFT GRAY LEAVES, LAVENDER FLS         ADAPTVE         LOW         TEXTURE, PLAY PROPS,           TERP FEATHER REED GRASS         0         13         #1         AS SHOWN         ORN. 45 TALL.         ADAPTVE         MODERATE         TEXTURE, WIND INTEREST.           MAIDEN GRASS         11         AS SHOWN         TO 5 TALL FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, WIND INTEREST.           MAIDEN GRASS         GROUNDCOVERS         GROUNDCOVERS         ADAPTIVE         MODERATE         TEXTURE, WIND INTEREST.           BIGROOT GRANUIM         41         42" O.C.         ORN LIGHT FLOWERS.         ADAPTIVE         MODERATE         FRAGRANCE           ORFOOLS         41         18" O.C.         PIN RE LAVENES.         ADAPTIVE         LOW         REGRASS           ORFOOLS         41         18" O.C.         PIN RE LAVENDER         ADAPTIVE         LOW         SPRING, FRAGRANCE           ORFOOLS         ALL         BULB         6" O.C.         BLUES, WINTE         ADAPTIVE         LOW         SPRING, FRAGRANCE           ORFOOLS         ALL         BULB         6" O.C.         BLUES, WINTE         ADAPTIVE         LOW         SPRING, FRAGRANCE           ORFOOLS         ALL										
Image: Construct of the second seco										
IERP         FATHER REED GRASS         0         13         #1         AS SHOWN         ORN 4.9 TALL         ADAPTIVE         MODERATE         TEXTURE, WIND INTEREST.           MADEIN GRASS         41         AS SHOWN         TO 5 TALL, FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, WIND INTEREST.           BEAR BERRY MAIZANTA         4         45         C.C.         ORN 1.9 TALL, FOUNTAIN SHAPE         ADAPTIVE         MODERATE         TEXTURE, WIND INTEREST.           BIRROT GERANIUM         4         45         15° O.C.         UNIT FLOWERS.         ADAPTIVE         MODERATE         FRAGRANCE           BIRROT GERANIUM         4         45° O.C.         UNIT FLOWERS.         ADAPTIVE         LOW         CO.OR. TEXTURE, FRAGRANCE           CHEPENG, WOLV THYME         4         18° O.C.         MUES         ADAPTIVE         LOW         CO.OR. TEXTURE, FRAGRANCE           CARFOOLS         BULB         6° O.C.         BULES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROOLS         ALL         BULB         6° O.C.         BULES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROVER'SUCKLE VINE         10         NA         GREENE         ADAPTIVE         LOW         SPRI					<i>#</i> 1		SOFT SIXT LEAVES, EAVENDERT ES			
BEAR BERN MAUZANITA         4"         GROUNDCOVERS         Deck         Deck <thdeck< th="">         Deck         Deck         D</thdeck<>	TER	FEATHER REED GRASS	0	13	#1		ORN. 4-5' TALL	ADAPTIVE	MODERATE	TEXTURE, WIND INTEREST, PLAY I
BEAR BERRY MAX2ANITA         4*         4*0.0.C.         OPN. 3'DA, YO.FL.         ADAPTIVE         LOW           SWEET WOODRUF         4*         18*0.C.         WHITE FLOWERS.         ADAPTIVE         LOW         COLOR, TEXTURE, FRAGRANCE           BIGROOT GERANIUM         4*         24*0.C.         LIGHT PINK FLOWERS         ADAPTIVE         LOW         COLOR, TEXTURE, FRAGRANCE           OREEPING, WOOLY THYME         4*         18*0.C.         PINK OR LAVENDER FLOWERS         ADAPTIVE         LOW         FRAGRANCE           DAFFOOLS         BULB         6*0.C.         WHITE TO DEEP GOLDBLUSH         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6*0.C.         BULES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           HONEYSUCKLE VINH         BULB         6*0.C.         BULES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           HONEYSUCKLE VINE         41         NA         GREEN         ADAPTIVE         LOW         SPRING, FRAGRANCE           OHIVES         4*         12*0.C.         H12LOW, ORANGE, RED, WHITE MULTI         ADAPTIVE         LOW         FRAGRANCE, GRAGEN           OHIVES         4*         12*0.C.         H12LOW, ORANGE, RED, WHITE M		MAIDEN GRASS			#1	AS SHOWN	TO 5' TALL, FOUNTAIN SHAPE	ADAPTIVE	MODERATE	TEXTURE, WIND INTEREST, HIDING
SWEET WOODRUF         4*         18*0 C.         WHITE FLOWERS.         ADAPTIVE         MODERATE         FRAGRANCE           BIGROOT GEANUUM         4*         24*0 C.         LIGHT PINK FLOWERS.         ADAPTIVE         LOW         COLOR, TEXTURE, FRAGRANCE           CREEPING, WOOLY THYME         4*         18*0 C.         PINK OR LAVENDER FLOWERS.         ADAPTIVE         LOW         FRAGRANCE           DAFFODILS         BULB         6*0 C.         WHITE TO DEEP GOLD/BLUSH.         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6*0 C.         BLUES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6*0 C.         BLUES, WHITE         ADAPTIVE         LOW         SPRING, FRAGRANCE           HOPS         19         H1         NA         GREEN         ADAPTIVE         LOW         SPRING, FRAGRANCE           HOVESUCKLE VINE         4*         12*0 C.         12*TALL, RUES, WHITE MULTI         ADAPTIVE         LOW         FRAGRANCE, GRADEN           HOVESUCKLE VINE         4*         12*0 C.         12*TALL, RUES         ADAPTIVE         LOW         FRAGRANCE, EGG ARDEN           HOVESUCKLE VINE         4*         12*C C. </td <td></td>										
BIGROOT GERANUM         4*         24* 0.C.         LIGHT PINK FLWERS         ADAPTIVE         LOW         COLOR, TEXTURE, FRAGRANCE           CREEPING, WOOLY THYME         4*         18* 0.C.         PINK OR LAVENDER FLOWERS         ADAPTIVE         LOW         SPRING, FRAGRANCE           DAFFOULS         ALL         BULB         8* 0.C.         WHITE TO DEEP GOLDIBLUSH         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6* 0.C.         BLUES, WHITE         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6* 0.C.         BLUES, WHITE         ADAPTIVE         LOW         SPRING, FRAGRANCE           HONEYSUCKLE VINE         19         #1         NA         GREEN         ADAPTIVE         LOW         PLAY PROPS,           HONEYSUCKLE VINE         19         #1         NA         GREEN         ADAPTIVE         LOW         PLAY PROPS,           CHIVES         19         #1         NA         GREEN         ADAPTIVE         LOW         PLAGRANCE, CARDEN           ONIONS         BULB         19* 0.C.         HT VARIES         ADAPTIVE         LOW         FRAGRANCE, CARDEN           BULE ELDERERRY         #6         AS SH										
CREEPING, WOOLY THYME         4*         18*0.C.         PINK OR LAVENDER FLOWERS         ADAPTIVE         LOW         FRAGRANCE           DAFFODLS         BULB         8*0.C.         WHITE TO DEEP GOLDBLUSH         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6*0.C.         BLUES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           CROCUS         ALL         BULB         6*0.C.         BLUES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           GRAPE HYACINTH         BULB         6*0.C.         BLUES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           HOPS         19         #1         NA         GREEN         ADAPTIVE         MODERATE         FRAGRANCE, YEG GARDEN           HONEYSUCKLE VINE         19         #1         NA         YEGETABLE GARDEN         ADAPTIVE         LOW         FRAGRANCE, YEG GARDEN           ONIONS         BULB         18*0.C.         HT VAILS         ADAPTIVE         LOW         FRAGRANCE, YEG GARDEN           BULE ELDERBERRY         #5         AS SHOWN         WT FLS. BLUE BERRES (UNREACHABLE)         NATIVE         LOW         FRAGRANCE, CARDEN           NOL ELEVERBERRY         #							·			
math         BULBS         math         math <thmath< th="">         math         math         <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>· · · · · · · · · · · · · · · · · · ·</td></th<></thmath<>									1	· · · · · · · · · · · · · · · · · · ·
CROUS         ALL         BULB         6° O.C.         BLUES, WHITE, YELLOW         ADAPTIVE         LOW         SPRING, FRAGRANCE           GRAPE HYACINTH         BULB         6° O.C.         BLUES, WHITE         ADAPTIVE         LOW         SPRING, FRAGRANCE           HOPS         19         #1         NA         GREEN         ADAPTIVE         LOW         PLAY PROPS,           HONEYSUCKLE VINE         #1         NA         YELLOW, ORANGE, RED, WHITE MULTI.         ADAPTIVE         LOW         PLAY PROPS,           CHIVES         4*         12° O.C.         12' TALL, LILAC COLOR FLS. AROMATIC         ADAPTIVE         LOW         FRAGRANCE, VEG GARDEN           ONIONS         BULE ELDERBERRY         4*         12° O.C.         12' TALL, LILAC COLOR FLS. AROMATIC         ADAPTIVE         LOW         FRAGRANCE, CARDEN,           BLUE ELDERBERRY         4*         12° O.C.         12' TALL, FUIT         ADAPTIVE         LOW         FRAGRANCE, CARDEN,           LEMON THYME         4*         AS SHOWN         WHIT FL, SELUE BERRIES (JURRACHABLE)         NATIVE         LOW         FRAGRANCE, CARDEN,           NO. HIGHBURH         4*         18° O.C.         PINAR         ADAPTIVE         LOW         FRAGRANCE, CARDEN,           NO. HIGHBURH         4* </td <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>THIR OR DAVENDER FLOWERO</td> <td></td> <td></td> <td></td>					-		THIR OR DAVENDER FLOWERO			
GRAPE HYACINTH     BULB     6"O.C.     BLUES, WHITE     ADAPTIVE     LOW     SPRING, FRAGRANCE       HOPS     19     #1     NA     GREEN     ADAPTIVE     LOW     PLAY PROPS,       HONEYSUCKLE VINE     19     #1     NA     GREEN     ADAPTIVE     MODERATE     FRAGRANCE       HONEYSUCKLE VINE     4"     12" O.C.     12" TALL, LILAC COLOR FLS. AROMATIC     ADAPTIVE     LOW     FRAGRANCE, VEG GARDEN       ONIONS     BULB     18" O.C.     H'T. VARIES     ADAPTIVE     LOW     FRAGRANCE, VEG GARDEN,       BUFALO CURRANT     BULB     18" O.C.     H'T. VARIES     ADAPTIVE     LOW     FRAGRANCE, VEG GARDEN,       BUFALO CURRANT     BULB     #5     AS SHOWN     If TALL, FRUIT     ADAPTIVE     LOW     FRAGRANCE, CARDEN,       BLUE ELDERBERRY     4"     18" O.C.     PINK OR LAVENDER FLOWERS     ADAPTIVE     LOW     FRUIT, HIDING PLACES       LEMON THYME     4"     #5     AS SHOWN     WHT FLS, BLUE BERRIES (UNREACHABLE)     NATIVE     LOW     FRAGRANCE, CARDEN,       VERGENDA THYME     4"     18" O.C.     PINK OR LAVENDER FLOWERS     ADAPTIVE     LOW     FRAGRANCE, EDINEARY       LEMON THYME     4"     18" O.C.     PINK OR LAVENDER FLOWERS     ADAPTIVE     LOW     FRAGRANCE,		DAFFODILS			BULB	8" O.C.	WHITE TO DEEP GOLD/BLUSH	ADAPTIVE	LOW	SPRING, FRAGRANCE
Indext         Image: Constraint of the second		CROCUS		ALL			BLUES, WHITE, YELLOW	ADAPTIVE		SPRING, FRAGRANCE
HONEYSUCKLE VINE       #1       NA       YELLOW, ORANGE, RED, WHITE MULTI.       ADAPTIVE       MODERATE       FRAGRANCE         CHIVES       4*       12° O.C.       12° ALL, LILAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, VEG GARDEN         ONIONS       BULB       18° O.C.       HT. VARIES       ADAPTIVE       LOW       FRAGRANCE, GARDEN         BUFFALO CURRANT       #5       AS SHOWN       6" TALL, FRUIT       ADAPTIVE       LOW       FRUIT         BLUE ELOERBERRY       #5       AS SHOWN       6" TALL, FRUIT       ADAPTIVE       LOW       FRUIT. HIDING PLACES         LEMON THYME       4"       18° O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRUIT. HIDING PLACES         COMMON THYME       4"       18° O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINIMUM 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAVOMILE       #6       PLANTERS       CULINARY TEA       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAVENDER       #4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAVENDIL <td></td> <td>GRAPE HYACINTH</td> <td></td> <td></td> <td>BULB</td> <td>6" O.C.</td> <td>BLUES, WHITE</td> <td>ADAPTIVE</td> <td>LOW</td> <td>SPRING, FRAGRANCE</td>		GRAPE HYACINTH			BULB	6" O.C.	BLUES, WHITE	ADAPTIVE	LOW	SPRING, FRAGRANCE
HONEYSUCKLE VINE       #1       NA       YELLOW, ORANGE, RED, WHITE MULTI.       ADAPTIVE       MODERATE       FRAGRANCE         CHIVES       4*       12* O.C.       12* TALL, LILAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, VEG GARDEN         ONIONS       BULB       18* O.C.       HT. VARIES       ADAPTIVE       LOW       FRAGRANCE, GARDEN         BUFFALO CURRANT       #5       AS SHOWN       6* TALL, FRUIT       ADAPTIVE       LOW       FRUIT         BLUE ELDERBERRY       #5       AS SHOWN       6* TALL, FRUIT       ADAPTIVE       LOW       FRUIT, HIDING PLACES         LEMON THYME       4*       18* O.C.       HT. VARIES       ADAPTIVE       LOW       FRUIT, HIDING PLACES         COMMON THYME       4*       18* O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINIMUM 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAWOMILE       #6       HERBS       -       -       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAWOMILE       #4*       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         ADMUNSTEAD LAVENDER <td></td> <td></td> <td></td> <td>10</td> <td>шл</td> <td>NIA</td> <td></td> <td></td> <td></td> <td></td>				10	шл	NIA				
CHVES       4"       12" CALL, LILAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, VEG GARDEN         ONIONS       BUIB       18" O.C.       HT. VARIES       ADAPTIVE       LOW       FRAGRANCE, GARDEN,         BUFFALO CURRANT       #5       AS SHOWN       6" TALL, FRUIT       ADAPTIVE       IFRUIT         BLUE ELDERBERRY       #5       AS SHOWN       6" TALL, FRUIT       ADAPTIVE       IFRUIT         LEMON THYME       4"       18" O.C.       PINT FLS, BLUE BERRIES (UNREACHABLE)       NATIVE       LOW       FRAGRANCE, GARDEN,         COMMON THYME       4"       18" O.C.       PINT KOR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       4"       18" O.C.       PINT KOR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINIMUM 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       FRAGRANCE,         CHWES       #5       VARIES       MINIMUM 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAMOMILE       HERBS       *4"       PLANTERS       12" TALL, LILAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAMOMILE		-		19					-	
CHIVES       4*       12* O.C.       12* TALL, LILAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, VEG GARDEN,         ONIONS       BULB       18* O.C.       HT. VARIES       ADAPTIVE       LOW       FRAGRANCE, GARDEN,         BUFFALO CURRANT       #5       AS SHOWN       6'TALL, FRUIT       ADAPTIVE       LOW       FRUIT, HIDING PLACES         BLUE ELDERBERRY       #5       AS SHOWN       6'TALL, FRUIT       ADAPTIVE       LOW       FRUIT, HIDING PLACES         LEMON THYME       4*       18* O.C.       PINK OR LAVENDER       ADAPTIVE       LOW       FRAGRANCE,         COMMON THYME       4*       18* O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         COMMON THYME       4*       18* O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINMUM 2 VARIETIS FOR POLLINATION       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAWOMILE       +4*       PLANTERS       12* TALL, LIAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         ADV       HERBS       *4*       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE					π1		TELOW, OWNER, NED, WHITE WIDE II.			
ONIONS     BULB     18° O.C.     HT. VARIES     ADAPTIVE     LOW     FRAGRANCE, GARDEN,       BUFFALO CURRANT     #5     AS SHOWN     6'TALL, FRUIT     ADAPTIVE     IFRUIT,       BLUE ELDERBERRY     #5     AS SHOWN     6'TALL, FRUIT     ADAPTIVE     LOW     FRUIT, HIDING PLACES       BLUE ELDERBERRY     #5     AS SHOWN     WHT FLS, BLUE BERRIES (UNREACHABLE)     NATIVE     LOW     FRAGRANCE,       COMMON THYME     4"     LEMON SCENT/FLAVOR     ADAPTIVE     LOW     FRAGRANCE,       NO. HIGHBUSH BLUEBERRY     #5     VARIES     MINUM 2 VARIETIES FOR POLINATION     ADAPTIVE     LOW     FRAGRANCE,       NO. HIGHBUSH BLUEBERRY     #5     VARIES     MINUM 2 VARIETIES FOR POLINATION     ADAPTIVE     LOW     BERRES, WILDLIFE       CHIVES     #5     VARIES     MINUM 2 VARIETIES FOR POLINATION     ADAPTIVE     LOW     BERRES, WILDLIFE       CHIVES     #6     HERBS		CHIVES			4"		12" TALL, LILAC COLOR FLS. AROMATIC	ADAPTIVE	LOW	FRAGRANCE, VEG GARDEN
BLUE ELDERBERRY       #5       AS SHOWN       WHT FLS, BLUE BERRIES (UNREACHABLE)       NATIVE       LOW       FRUIT, HIDING PLACES         LEMON THYME       4"       LEMON SCENT/FLAVOR       ADAPTIVE       LOW       FRAGRANCE,         COMMON THYME       4"       18" O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINIMU 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       BERRIES, WILD.IFE         CHIVES       HERBS					BULB	18" O.C.		ADAPTIVE	LOW	FRAGRANCE, GARDEN,
LEMON THYME       4"       LEMON SCENT/FLAVOR       ADAPTIVE       LOW       FRAGRANCE,         COMMON THYME       4"       118" O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE         NO. HIGHBUSH BLUEBERRY       4"       118" O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE,         NO. HIGHBUSH BLUEBERRY       4"       VARIES       MINIMUZ VARIETES FOR POLLINATION       ADAPTIVE       LOW       BERIES, WILLER         CHIVES       4"       PLANTERS       12" TALL, LILAC COLOR FLS. AROMATIC       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         ADMINISTEAD LAVENDER       4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         VINSTEAD LAVENDER, PINEAPPIE       4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         VINSTEAD LAVENDRA       4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         VINSTEAD LAVENDRA       RAGE       ROSEMARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         VINSTEINIUM       NASTURTIUM       NASTURTIUM       ADAPTIVE       ADAPTIVE       FRAGRANCE, EDIBLE         VINSTEAD LAVENDRA       RAGE       PLANTERS						-				
COMMON THYME       4"       18" O.C.       PINK OR LAVENDER FLOWERS       ADAPTIVE       LOW       FRAGRANCE         NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINIMUM 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       BERRIES, WILDLIFE         CHIVES       HERBS						AS SHOWN				
NO. HIGHBUSH BLUEBERRY       #5       VARIES       MINIMUA 2 VARIETIES FOR POLLINATION       ADAPTIVE       LOW       BERRIES, WILDLIFE         Image: Child Signame       Image: Child Signam       Image: Child Signam						18" O C				
Image: Chives       HERBS       Image: Chives       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         CHAMOMILE       CHAMOMILE       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         ADI       MUNSTEAD LAVENDER       4"       PLANTERS       CULINARY TEA       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         Image: Chives       4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         Image: Chives       4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         Image: Chives       4"       PLANTERS       CULINARY       ADAPTIVE       Image: Chives       FRAGRANCE, EDIBLE         Image: Chives       4"       PLANTERS       CULINARY       ADAPTIVE       Image: Chives       FRAGRANCE, EDIBLE         Image: Chives       4"       PLANTERS       CULINARY       ADAPTIVE       Image: Chives       FRAGRANCE, EDIBLE         Image: Chives       FRAGRANCE       BRING INDORS WINTER, CONTROL MILDEW       ADAPTIVE       Image: Chives       FRAGRANCE, EDIBLE         Image: Chives       SAGE       4"       PLANTERS       CULINARY       ADAPTIVE       Image: Chives       FRAGRANCE, EDIBLE         Image: Chives       SAGE       1"4"										
CHAMOMILE       ADAPTIVE       ADAPTIVE         KAD       MUNSTEAD LAVENDER       4"       PLANTERS       1-2' TALL, LAVENDER FLS, GRAY FOLIAGE       ADAPTIVE       LOW       FRAGRANCE, TEXTURE         LEMON BALM       PEPPER, SPEAR, PINEAPPLE       4"       PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         OREGANO AND MARJORAM       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         VASEMARY       ADAPTIVE       H1       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         SAGE       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GEST STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA										
AD       MUNSTEAD LAVENDER         LEMON BALM       LEMON BALM         PEPPER, SPEAR, PINEAPPLE       4" PLANTERS       CULINARY       ADAPTIVE       LOW       FRAGRANCE, EDIBLE         OREGANO AND MARJORAM       *4" PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       BRING INDOORS WINTER, CONTROL MILDEW       Image: Control Mildew       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GEST STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA         GEST STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA         AREA FENCE - LOOSE PARTS AND SLIDE									LOW	FRAGRANCE, EDIBLE
LEMON BALM       11       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         OREGANO AND MARJORAM       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         OREGANO AND MARJORAM       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE         NASTURTIUM       NASTURTIUM       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         *4"       PLANTERS       TO 2' TRAILING, RED, ORANGE, YELLOW       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GESET STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE C										
PEPPER, SPEAR, PINEAPPLE       ADAPTIVE       FRAGRANCE, EDIBLE         OREGANO AND MARJORAM       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         ROSEMARY       ADAPTIVE       FRAGRANCE, EDIBLE       #1       PLANTERS,       BRING INDOORS WINTER, CONTROL MILDEW       FRAGRANCE, EDIBLE         SAGE       *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS,       BRING INDOORS WINTER, CONTROL MILDEW       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         *4"       PLANTERS       TO 2'TRAILING, RED, ORANGE, YELLOW       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GESET STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA       SEED MIXES         AREA FENCE - LOOSE PARTS AND SLIDE MOUND AREAS - LOW PROFILE FESCUE - 3048 SF       NATIVE       LOW		-		44					LOW	
OREGANO AND MARJORAM       *4"       PLANTERS       CULINARY       ADAPTIVE       ADAPTIVE       FRAGRANCE, EDIBLE         ROSEMARY       \$AGE       #1       PLANTERS,       BRING INDOORS WINTER, CONTROL MILDEW       Image: Culinary       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       ADAPTIVE       FRAGRANCE, EDIBLE         *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         *4"       PLANTERS       TO 2' TRAILING, RED, ORANGE, YELLOW       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GGEST STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA         SEED MIXES				11						
ROSEMARY       #1       PLANTERS       BRING INDOORS WINTER, CONTROL MILDEW       ADAPTIVE       FRAGRANCE, EDIBLE         SAGE       *4"       PLANTERS       CULINARY       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         NASTURTIUM       *4"       PLANTERS       TO 2' TRAILING, RED, ORANGE, YELLOW       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GGEST STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA         SEED MIXES			1						1	,
SAGE       *4"       PLANTERS       CULINARY       ADAPTIVE       ADAPTIVE       FRAGRANCE, EDIBLE         NASTURTIUM       *4"       PLANTERS       TO 2' TRAILING, RED, ORANGE, YELLOW       ADAPTIVE       MODERATE       FRAGRANCE, EDIBLE         GGEST STARTING INDOORS IN EARLY SPRING THEN PLANT AFTER MEMORIAL DAY WEATHER PERMITTING, EDIBLE ANNUALS SHOULD BE ADDED TO PROVIDE COLOR AND FURTHER FOOD GROWING IDEA         SEED MIXES       SEED MIXES										
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				ORIGIN	WATER USE		BUCKWHEAT SULFUR	.25
							FIREWEED	.25
<u>SHRUBS</u> CORNUS SERICEA 'BAILEYI'	BAILEY'S REDTWIG DOGWOOD			NATIVE CULTIVAR	MODERATE		BROME MOUNTAIN BROMAR	4.0
SALIX PURPUREA 'NANA'	DWARF ARCTIC WILLOW	23	#5	ADAPTIVE	MODERATE		FESCUE SHEEP COVAR	6.0
SAMBUCUS CAERULEA	BLUE ELDERBERRY				LOW		FESCUE HARD DURAR	6.0
SYRINGA PUBESCENS 'MISS KIM'	MISS KIM LILAC			ADAPTIVE	LOW		LUPINE ARGENTEUS	.25
GROUND COVER							BLUEGRASS BIG SHERMAN	5.5
SEDUM SPECIES	MIXED VARIETIES OF STONECROP	146	#1	ADAPTIVE	VERY LOW		SQUIRREL TAIL GRASS	1.0
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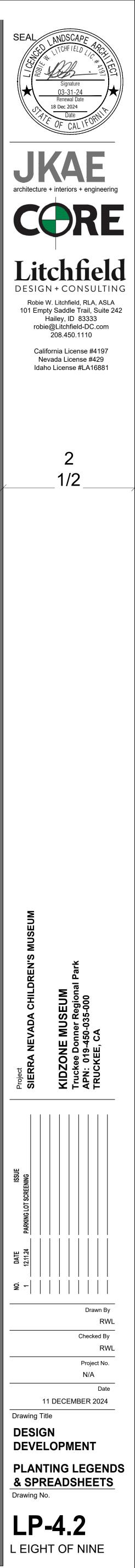
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SAGEBRUISH BIG WYOMING

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# PLANTING NOTES PLANTING

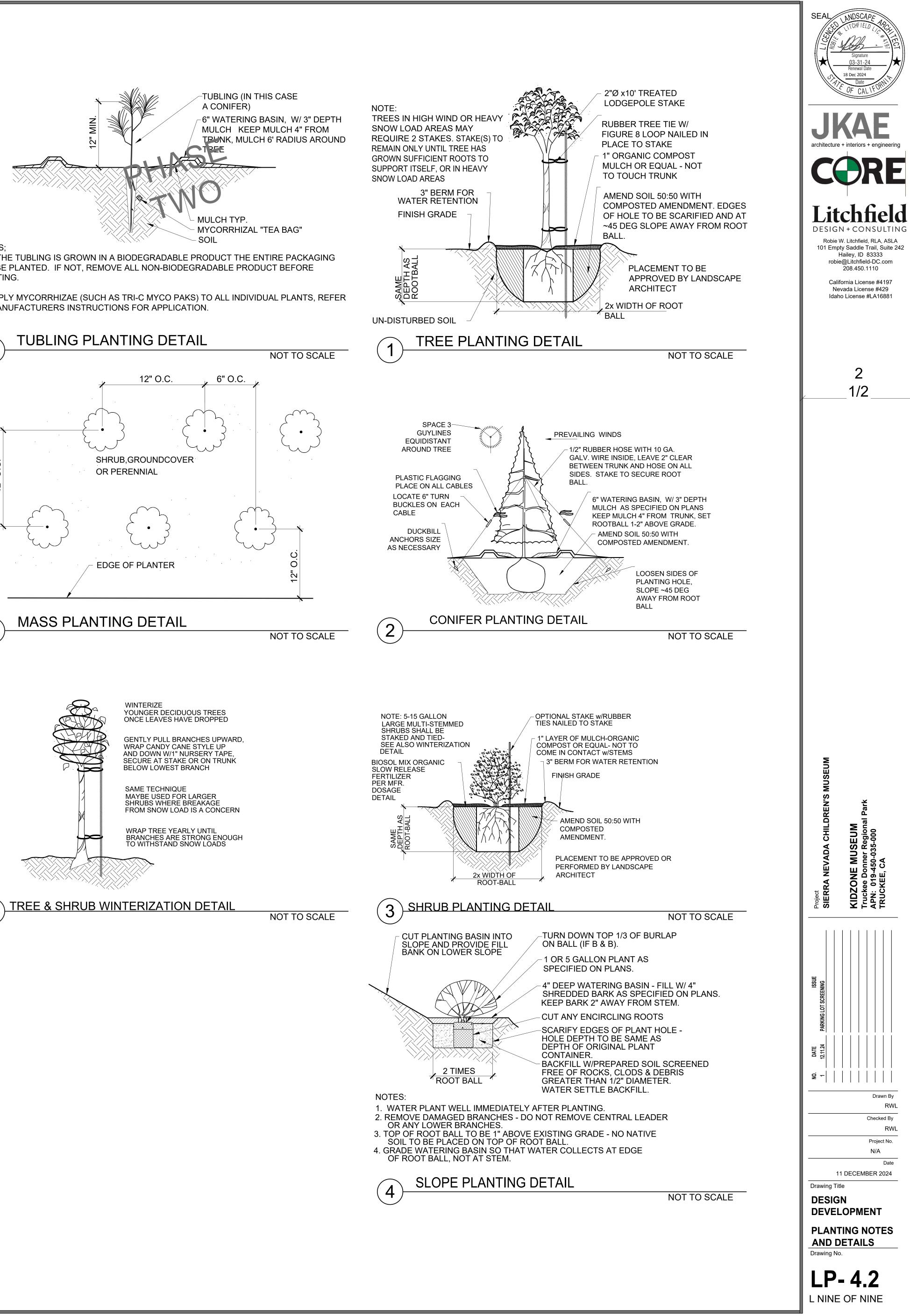
- PLANTS SHALL BE THE VARIETY AND SIZE SPECIFIED ON THE PLAN AND BE HEALTHY, SHAPELY AND WELL ROOTED AND CONFORM TO AMERICAN NURSERYMAN'S STANDARDS. TREES SHALL BE ABLE TO STAND STRAIGHT ON THEIR OWN WITHOUT SUPPORT. ANY CHANGES TO PLAN TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. LANDSCAPE ARCHITECT AND /OR OWNER RESERVES THE RIGHT OF REFUSAL SHOULD PLANT MATERIAL SIZE AND QUALITY BE DEEMED UNSATISFACTORY, INSPECTION BY LANDSCAPE ARCHITECT IS MANDATORY PRIOR TO ACCEPTANCE OF ALL PLANT MATERIALS. MATERIAL SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. MATERIALS SHALL BE COMPLETELY FREE OF TRUNK. BRANCH AND BARK WOUNDS. STRUCTURE OF PLANT MATERIAL SHALL BE APPROPRIATE TO NATURAL HABIT
- 2. INSTALLING CONTRACTOR SHALL VERIFY PLANT QUANTITIES AND AREAS TO BE LANDSCAPED AND NOTIFY OWNER AND/OR LANDSCAPE ARCHITECT OF DISCREPANCIES
- 3. GRADING OF ENTIRE CONTRACT AREA SHALL BE SMOOTH AND EVEN AND SLOPE TO DRAIN. FINISH GRADES SHALL BE 1/2" BELOW ALL PAVED SURFACES. SLOPES, MOUNDS, AND SWALES SHALL HAVE NO ABRUPT CHANGE IN GRADIENT TO ASSURE A NATURAL AND PLEASING APPEARANCE.
- 4. THE PLANTING HOLE SHALL BE DUG TWICE THE WIDTH AND TO THE SAME DEPTH OF THE CONTAINER OR ROOTBALL.
- THE PLANTING HOLE SHALL BE TESTED FOR DRAINAGE. FILL WITH WATER AND ALLOW TO DRAIN. SHOULD DRAINAGE NOT OCCUR WITHIN A FEW HOURS THE HOLE SHOULD NOT BE USED AND AN ALTERNATIVE LOCATION FOR PLANT FOUND.
- ROOTBALL SHALL BE GENTLY REMOVED FROM CONTAINER AND ROOT INSPECTED PRIOR TO PLACEMENT IN THE HOLE. THE ROOT BALL SHALL BE TEASED BY PINCHING ROOTLETS LOOSE FROM WALL OF BALL TO ENCOURAGE ROOTS TO EXTEND OUTWARD. SHOULD PLANT BE ROOT BOUND THE BALL SHALL BE SCORED WITH A SHARP KNIFE VERTICALLY IN THIRDS DOWN THE ROOTBALL SIDES APPROXIMATELY 1/2 INCH DEEP AND TWO WAYS ACROSS THE BOTTOM, THE ROOTS SHALL THEN BE LOOSENED AND SPREAD TO ENCOURAGE OUTWARD GROWTH.
- PLANT SHALL BE BURIED TO STRUCTURAL ROOT DEPTH. EXCESS MATERIAL ON BALLED AND BURLAP TREES SHALL BE REMOVED. REMOVE BURLAP AND BASKETS FROM B&B TREES WITH CARE TO MAINTAIN INTEGRITY OF ROOT BALL
- ALL TAGS SHALL BE REMOVED FROM PLANTS.
- FOLLOW SOIL IMPROVEMENT NOTES ON THIS SHEET FOR SOIL AMENDMENTS AND MULCHES. WHEN COMPOSTED HUMUS NOT AVAILABLE, AMENDMENT SHALL BE SUFFICIENTLY NITROLIZED TO PREVENT LOCK UP OF NUTRIENTS AND ROOT BURN. CONTRACTOR TO PROVIDE SAMPLE SUBMITTAL TO LANDSCAPE ARCHITECT
- 10. TOP SOIL SHALL BE FERTILE, FRIABLE AND FREE OF ROCKS LARGER THAN 1" DIAMETER, NOXIOUS WEED SEEDS OR EXTRANEOUS MATTER. TOP SOIL DELIVERED TO SITE SHALL HAVE ACIDITY RANGE OF PH 5.0 TO 7.0 AND SHALL CONTAIN NOT LESS THAN 15% ORGANIC MATTER
- 11. BACKFILL MATERIAL SHALL MEET THE LEVEL OF TOP OF ROOTBALL. NEVER ALLOW NEW SOIL TO REACH PLANT STEM. BACKFILL SHALL BE PRESSED FIRMLY IN AROUND ROOTBALL
- 12. WHEN BACKFILLING IS COMPLETE. CONSTRUCT A WATER RETENTION BERM APPROXIMATELY THREE INCHES HIGH AND TWICE THE DIAMETER OF THE ROOT BALL. SEE DETAIL
- 13. FILL BASIN INSIDE BERM WITH WATER AND ALLOW TO DRAIN. FILL ANY HOLES THAT APPEAR WITH ADDITIONAL BACKFILL MATERIAL. REPEAT UNTIL HOLES DO NOT APPEAR AND ALL SOIL AROUND ROOT BALL IS MOISTENED.
- 14. ONE REDWOOD STAKE OF 1-1/2" BY 1-1/2" SHALL BE ISNTALLED FOR WINTER SUPPORT OF MULTI-STEMMED SHRUBS UNTIL ADEQUATE BRANCH STRENGTH IS

ATTAINED, SEE DETAIL

- 15. ONE LODGEPOLE STAKE OF TWO INCHES DIAMETER AND 8-10 FEET IN LENGTH SHALL BE INSTALLED AT THE WINDWARD SIDE OF ALL DECIDUOUS TREES. DOUBLE STAKING WILL BE REQUIRED IN WINDIER AND HEAVY SNOW LOAD AREAS. STAKE(S) SHALL BE INSERTED INTO GROUND AT EDGE OF ROOT BALL, NEVER INTO ROOTBALL. TREE GUYING METHOD IS RECOMMENDED FOR LARGER CONIFEROUS TREES IN WINDIER LOCATIONS. SEE DETAILS.
- 16. TWO TO THREE TREE TIES OF DURABLE CONSTRUCTION SHALL BE USED PER TREE. THE RUBBER OR MORE PLIABLE PORTION OF THE TIE SHALL BE LOOPED AROUND THE TRUNK AND WIRE OR OTHER MATERIAL LOOPED AROUND THE STAKE IN A FIGURE EIGHT CONFIGURATION. THE WIRES ARE THEN TWISTED TOGETHER. SHOULD SECURING THE TIE IN PLACE BE REQUIRED, NAIL OR STAPLE THE TIE TO THE STAKE ONLY, NEVER TO THE TREE. DO NOT TIE THE TRUNK TOO TIGHTLY AGAINST THE STAKE. ALLOW SOME ROOM TO MOVE IN BREEZE SO AS TO DEVELOP CALIPER STRENGTH IN TRUNK. THE TRUNK SHALL BE UPRIGHT AND STRAIGHT. SEE DETAIL
- 17. IN THE FALL, AFTER LEAVES HAVE DROPPED, BRANCHES OF YOUNG TREES AND SHRUBS AND THOSE CLOSE TO SNOW REMOVAL/STORAGE AREAS SHALL BE BOUND IN AN UPWARD FASHION WITH VINYL TREE TAPE OR EQUAL TO MINIMIZE BREAKAGE FROM WEIGHT AND MOVEMENT OF SNOW, SEE DETAIL. THIS PROCEDURE SHOULD BE REPEATED EACH YEAR UNTIL TREES AND SHRUBS HAVE ATTAINED SUBSTANTIAL STRENGTH AND GIRTH. UNWRAP TREES AND SHRUBS IN SPRING, BEFORE NEW LEAVES APPEAR.
- 18. ALL CHANGES TO PLANS TO BE APPROVED BY LANDSCAPE ARCHITECT.
- 19. UPON COMPLETION OF ALL PROJECT PHASES INSTALLING CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR INSPECTION AND FINAL APPROVAL
- 20. REGULAR MAINTENANCE PRUNING FERTILIZING. WEED. DEBRIS AND TRASH REMOVAL. REMOVE AND REPLACE ANY DEAD OR DYING PLANT MATERIAL, REPARATION OF IRRIGATION SYSTEM AS NEEDED. REPORT - PRIOR TO THE TWO YEAR ANNIVERSARY OF COMPLETION OF PROJECT A REPORT SHALL BE "PREPARED BY THE PROJECT LANDSCAPE CONTRACTOR OR LANDSCAPE ARCHITECT WHICH DOCUMENTS THE CONDITION OF THE LANDSCAPING, AND PROVIDES RECOMMENDATIONS AS TO WHETHER ANY LANDSCAPING SHOULD BE REPAIRED REPLACED OR INSTALLED. THE RECOMMENDATIONS OF THE REPORT SHALL BECOME A PART OF AND INCORPORATED INTO THE FINAL LANDSCAPE PLAN, AND THE LANDSCAPING SHALL BE REPAIRED, REPLACED AND INSTALLED WITHIN SIX MONTHS OF THE DATE OF APPROVAL OF THE REPORT."

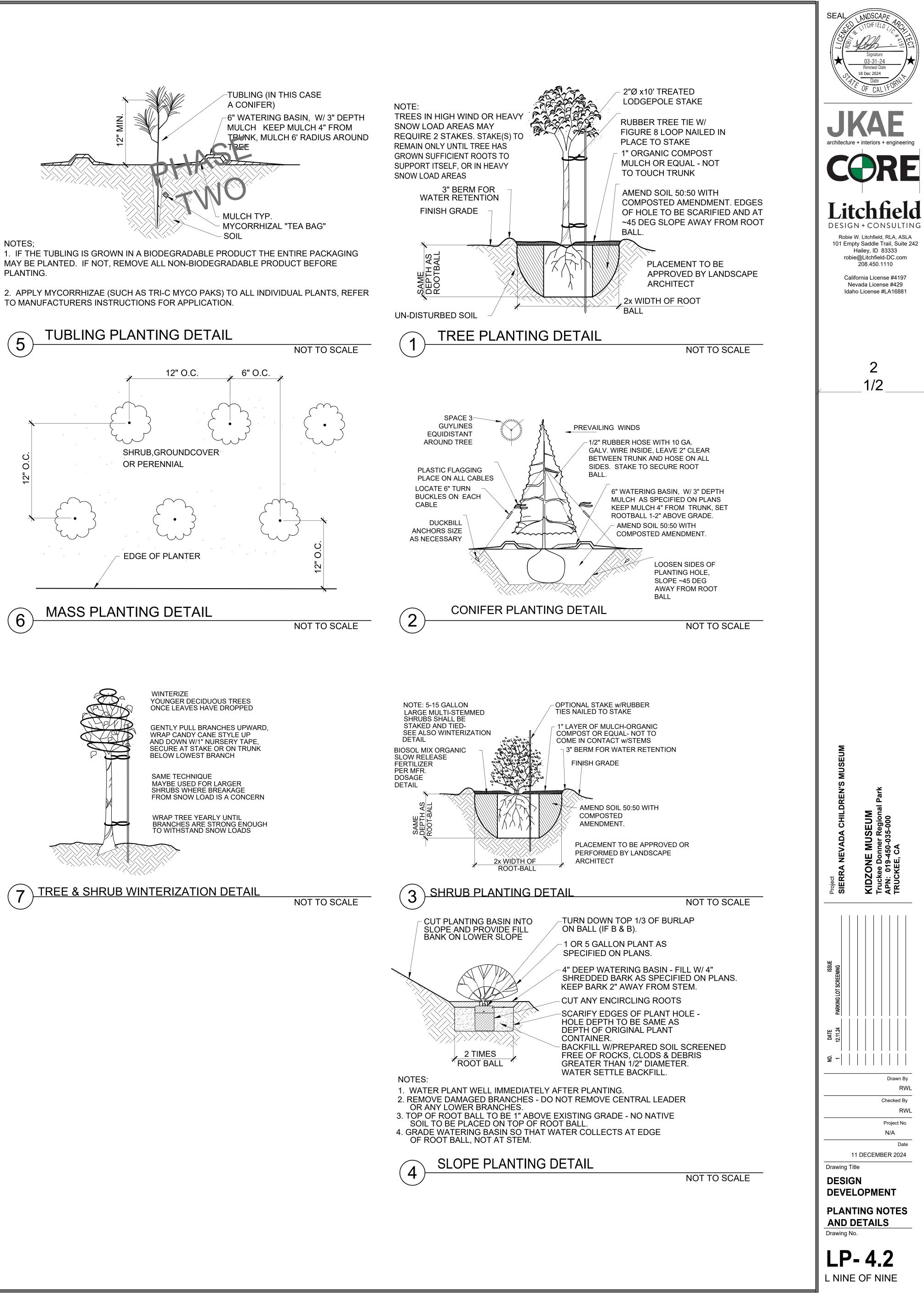
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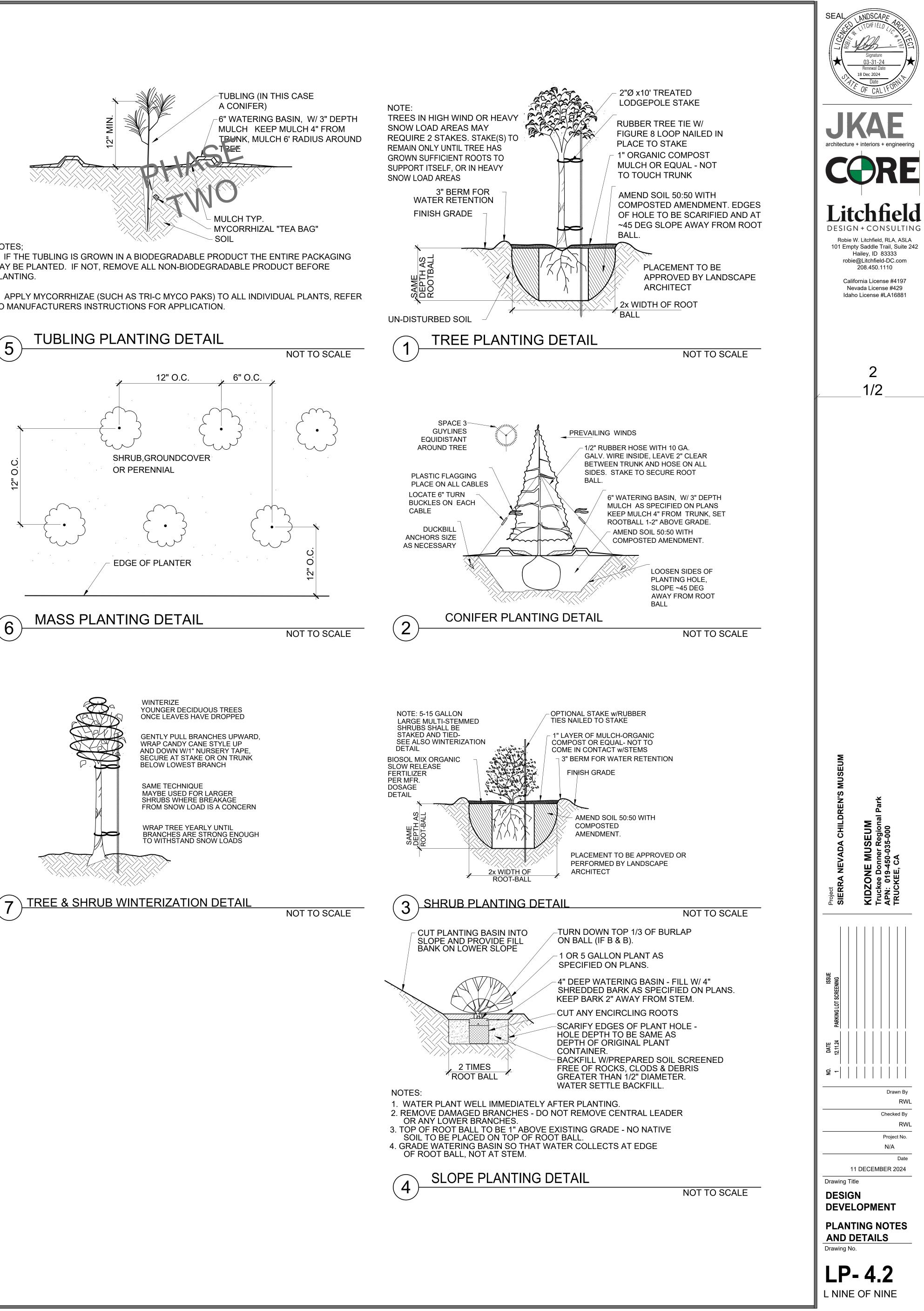
- SEEDING AREAS SHALL BE PREPARED BY TILLING SOIL TO A SIX INCH DEPTH REMOVING ROCK GREATER THAN FOUR INCHES IN DIAMETER FOR WILDFLOWER AND EROSION CONTROL AREAS AND TURF GRASS AREAS. SIX INCHES OF HUMUS OR COMPOST SHALL BE TILLED IN. FOR SEEDED AREAS EVENLY SPREAD TOPSOIL/MANUFACTURED SOIL ON TOP OF NATIVE SOIL
- 2. SEEDING/SOD AREA SHALL BE RAKED OR ROLLED TO A SMOOTH SURFACE FILLING HOLES AND REMOVING ROCK AS NECESSARY.
- SEED SHALL THEN BE BROADCAST AT THE RATE PRESCRIBED BY SEED COMPANY OR LANDSCAPE ARCHITECT. LAWN SEEDS SHALL BE ROLLED IN AFTER BROADCASTING.
- 4. APPLY BIOSOL MIX GRANULAR FERTILIZER AT RATE RECOMMENDED.
- SEED SHALL THEN BE COVERED WITH A 1/8 TO 1/4" LAYER OF HUMUS OR EQUAL TO RETAIN MOISTURE AND PREVENT WIND AND BIRDS FROM CARRYING SEED AWAY.
- ADEQUATE MOISTURE SHALL BE MAINTAINED IN SEEDING AREA UNTIL SEEDLINGS REACH A HEIGHT OF TWO INCHES WHEN REGULAR WATERING MAY BEGIN. FREQUENCY AND DURATION OF INITIAL WATERING WILL VARY ACCORDING TO DAILY TEMPERATURES. SUN/SHADE PERIODS, WIND, SOIL, SLOPE AND ASPECT. CONTRACTOR TO ENSURE THAT APPROPRIATE SCHEDULE IS EMPLOYED FOR THIS AREA

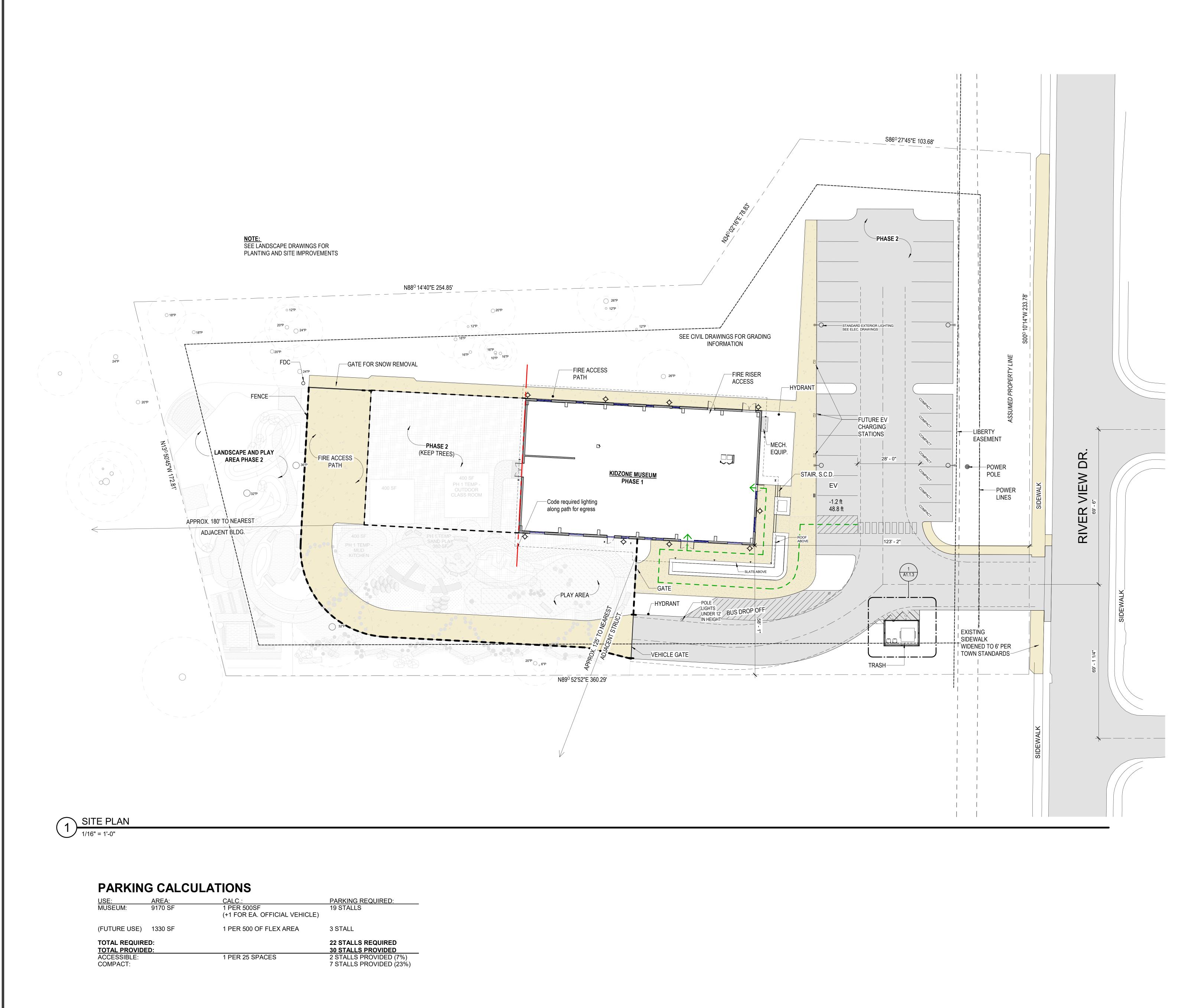


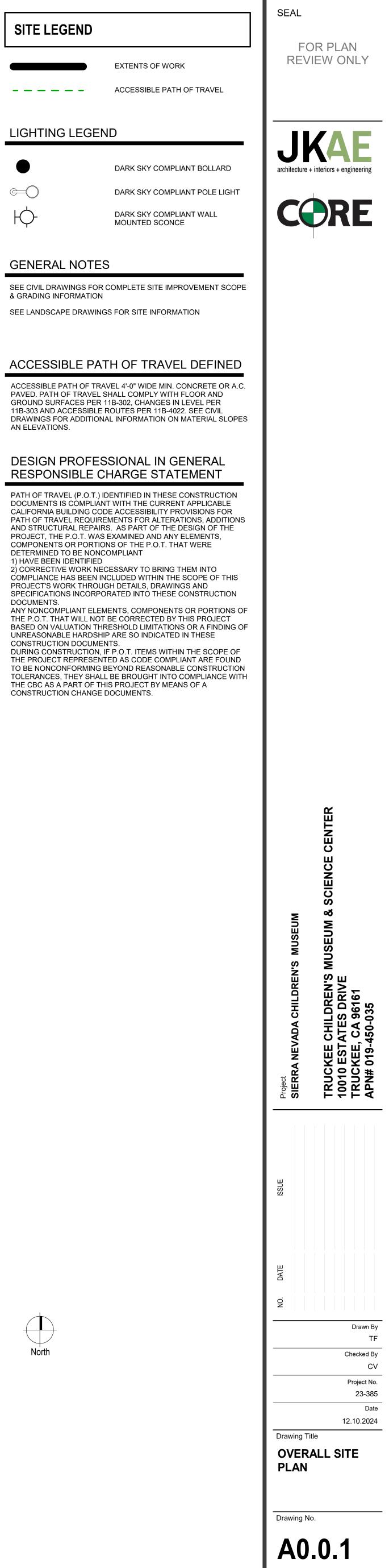
NOTES:

PLANTING.









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& GRADING INFORMATION

# DEFENSIBLE SPACE ZONE NOTES:

# Per California State Assembly Bill AB3014

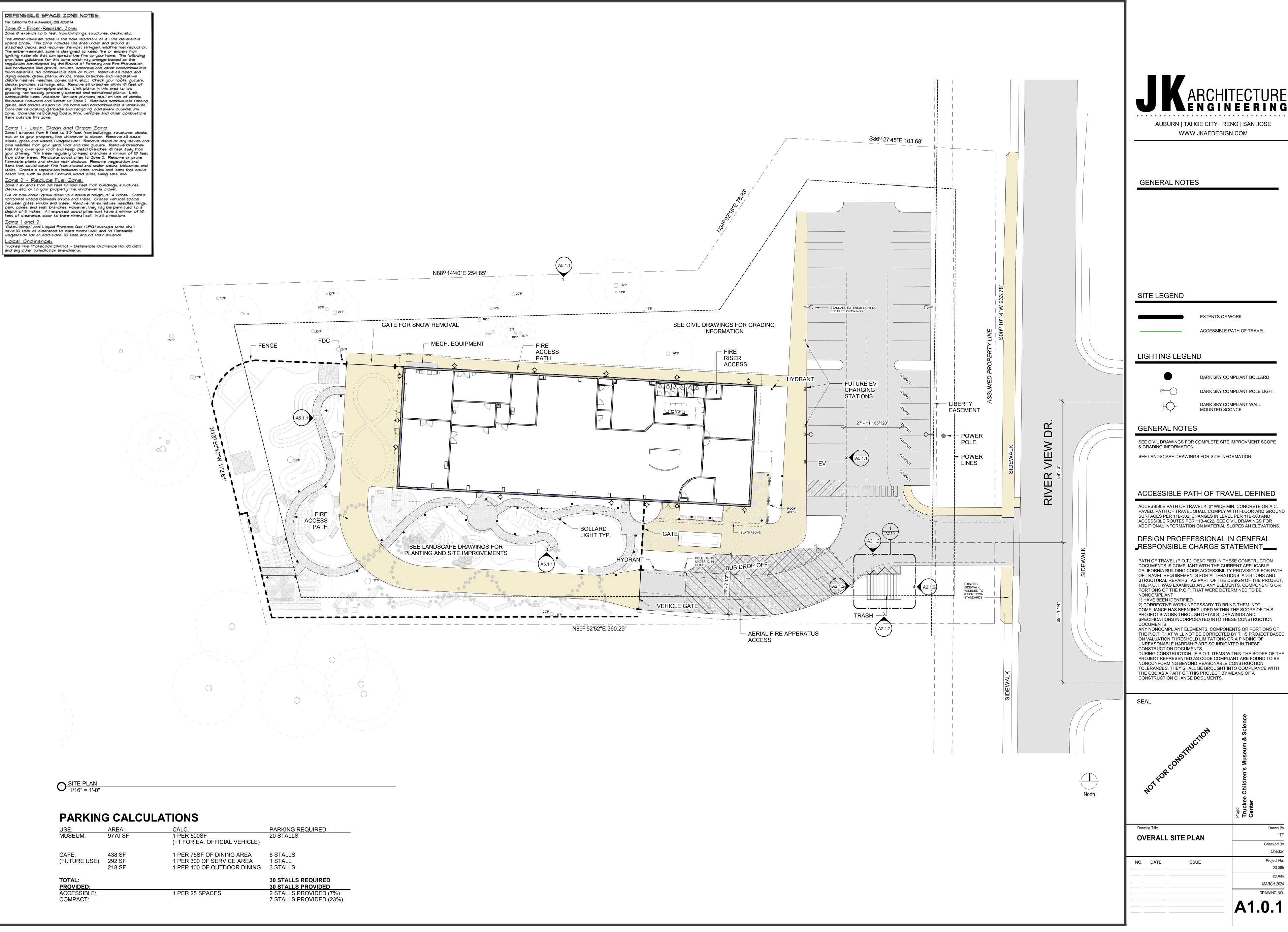
The ember-resistant zone is the most important of all the defensible space zones. This zone includes the area under and around all space zones. This zone includes the area under and around all attached decks, and requires the most stringent wildfire fuel reduction. The ember-resistant zone is designed to keep fire or embers from igniting materials that can spread the fire to your home. The following provides guidance for this zone, which may change based on the regulation developed by the Board of Forestry and Fire Protection. Use hardscape like gravel, pavers, concrete and other noncombustible mulch materials. No combustible back or mulch. Remove all dead and mulch materials. No combustible bark or mulch. Remove all dead and dying weeds, grass, plants, shrubs, trees, branches and vegetative debris (leaves, needles, cones, bark, etc.). Check your roofs, gutters, decks, porches, stairways, etc. Remove all branches within 10 feet of any chimney or stovepipe outlet. Limit plants in this area to low growing, non-woody, properly watered and maintained plants. Limit combustible items (outdoor furniture, planters, etc.) on top of decks. Relocate firewood and lumber to Zone 2. Replace combustible fencing gates, and arbors attach to the home with noncombustible alternatives. Consider relocating garbage and recycling containers outside this zone. Consider relocating boats, RVs, vehicles and other combustible items outside this zone.

Zone 1 - Lean, Clean and Green Zone: Zone 1 extends from 5 feet to 30 feet from buildings, structures, decks, etc. or to your property line, whichever is closer. Remove all dead plants, grass and weeds (vegetation). Remove dead or dry leaves and pine needles from your yard, roof and rain gutters. Remove branches that hang over your roof and keep dead branches 10 feet away from your chimney. Trim trees regularly to keep branches a minimum of 10 feet from other trees. Relocate wood piles to Zone 2. Remove or prune flammable plants and shrubs near windows. Remove vegetation and items that could catch fire from around and under decks, balconies and stairs. Create a separation between trees, shrubs and items that could catch fire, such as patio furniture, wood piles, swing sets, etc.

decks, etc. or to your property line, whichever is closer. Cut or mow annual grass down to a maximum height of 4 inches. Create horizontal space between shrubs and trees. Create vertical space between grass, shrubs and trees. Remove fallen leaves, needles, twigs, bank, cones, and small branches. However, they may be permitted to a depth of 3 inches. All exposed wood piles must have a minimum of 10 feet of clearance, down to bare mineral soil, in all directions.

Zone 1 and 2: "Outbuildings" and Liquid Propane Gas (LPG) storage tanks shall have 10 feet of clearance to bare mineral soil and no flammable vegetation for an additional 10 feet around their exterior. Local Ordinance: Truckee Fire Protection District - Defensible Ordinance No. 02-2012

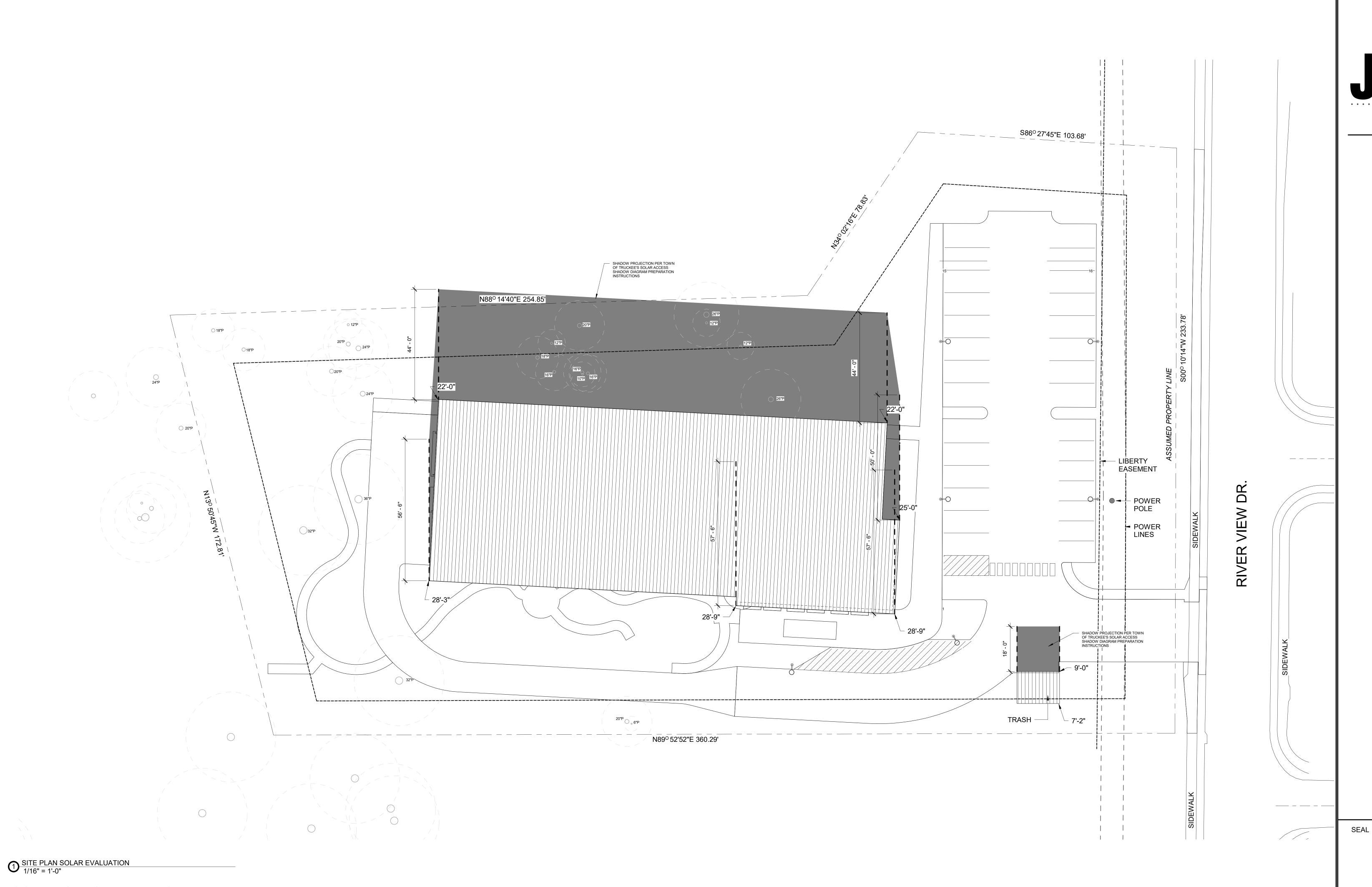
and any other jurisdiction amendments.



# PARKING CALCULATIONS

USE:	AREA:	CALC.:	PARKING REQUIRED:
MUSEUM:	9770 SF	1 PER 500SF (+1 FOR EA. OFFICIAL VEHICLE)	20 STALLS
CAFE: (FUTURE USE)	438 SF 292 SF 218 SF	1 PER 75SF OF DINING AREA 1 PER 300 OF SERVICE AREA 1 PER 100 OF OUTDOOR DINING	6 STALLS 1 STALL 3 STALLS
TOTAL: <u>PROVIDED:</u>			30 STALLS REQUIRED 30 STALLS PROVIDED
ACCESSIBLE: COMPACT:		1 PER 25 SPACES	2 STALLS PROVIDED (7%) 7 STALLS PROVIDED (23%)

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# **SOLAR OPPORTUNITIES:**

A) IDENTIFICATION OF BUILDING ORIENTATION FOR MAXIMUM SOLAR GAIN: BUILDING IS ORIENTATED ALONG THE EAST/WEST AXIS LINE FOR OPTIMAL SOLAR GAIN ON THE SOUTH FACADE B) APPROPRIATE LANDSCAPING:

COMBINATION OF NATIVE DECIDUOUS AND CONIFEROUS TREES PLANTED IN THE PLAY AREA WILL PROVIDE ADEQUATE SUMMER SHADE AND ALLOW FOR WINTER SOLAR GAIN C) LOT SIZE AND SHAPE:

LOT SIZE IS 1.7 ACRES, IN A POLYGON SHAPE PRIMARILY ALONG THE EAST/WEST ACCESS, WITH A SMALL PUNCH OUT IN THE NORTHEAST CORNER. D) BUILDING HEIGHT:

MAX BUILDING HEIGHT IS 29'-10" HIGH ALONG THE SOUTH FACADE

E) ROOF EAVE DESIGN: ÉAVES ARE DEISGNED TO PROTECT ENTRIES AND WALKS FROM WEATHER AND PROVIDE SOME SOLAR SHADE IN THE SUMMER F) SOLAR PROTECTION AND STREET LAYOUT:

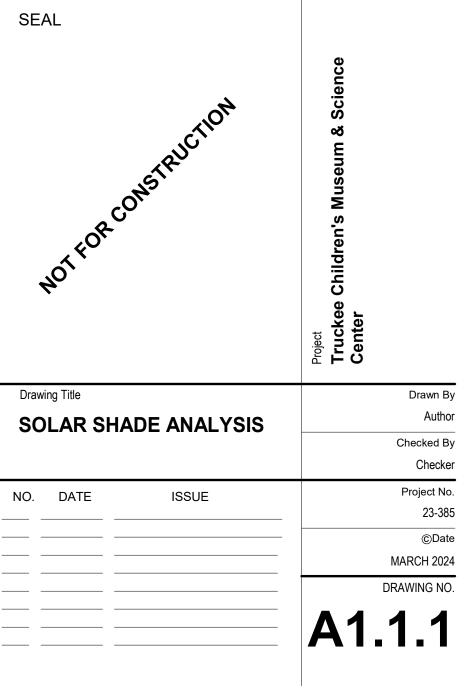
STREETS WILL BE ABLE TO CAPTURE PEAK WINTER HOURS OF SUN IN ORDER TO HELP WITH ICEMELT G) POTENTIAL IMPACTS TO ADJACENT PROPERTIES:

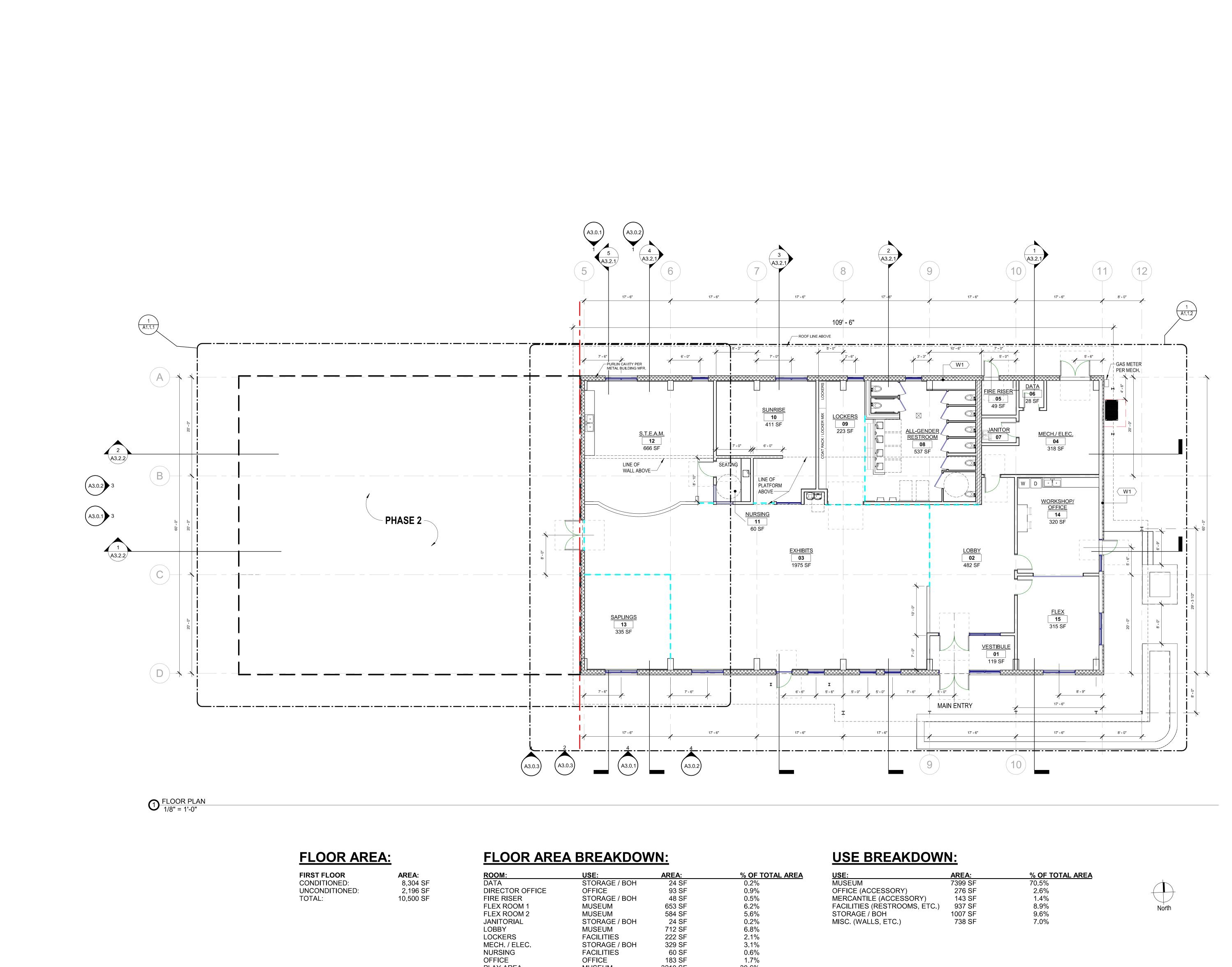
NO IMPACT TO ADJACENT PROPERTIES

North

> Drawing Title NO. DATE







by 85 shall r odesk

ROOM:	USE:	AREA:
DATA	STORAGE / BOH	24 SF
DIRECTOR OFFICE	OFFICE	93 SF
FIRE RISER	STORAGE / BOH	48 SF
FLEX ROOM 1	MUSEUM	653 SF
FLEX ROOM 2	MUSEUM	584 SF
JANITORIAL	STORAGE / BOH	24 SF
LOBBY	MUSEUM	712 SF
LOCKERS	FACILITIES	222 SF
MECH. / ELEC.	STORAGE / BOH	329 SF
NURSING	FACILITIES	60 SF
OFFICE	OFFICE	183 SF
PLAY AREA	MUSEUM	3210 SF
RESTROOM	FACILITIES	537 SF
S.T.E.A.M.	MUSEUM	788 SF
SAPLINGS	MUSEUM	651 SF
SAPLINGS ART	MUSEUM	389 SF
STORE	MERCANTILE	143 SF
SUNRISE	MUSEUM	412 SF
VESTIBULE	FACILITIES	118 SF
WORKSHOP	STORAGE / BOH	582 SF

# 3.1%0.6%1.7%30.6%5.1%7.5%6.2%3.7%1.4%3.9%1.1%5.6%

KEY# W1 WALL

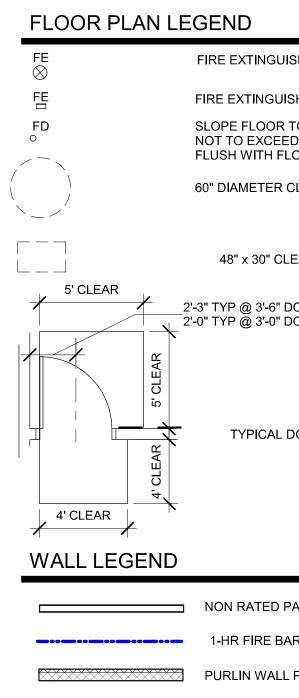
AREA:	
7399 SF	
276 SF	
143 SF	
937 SF	
1007 SF	
738 SF	

1 A3.0.3

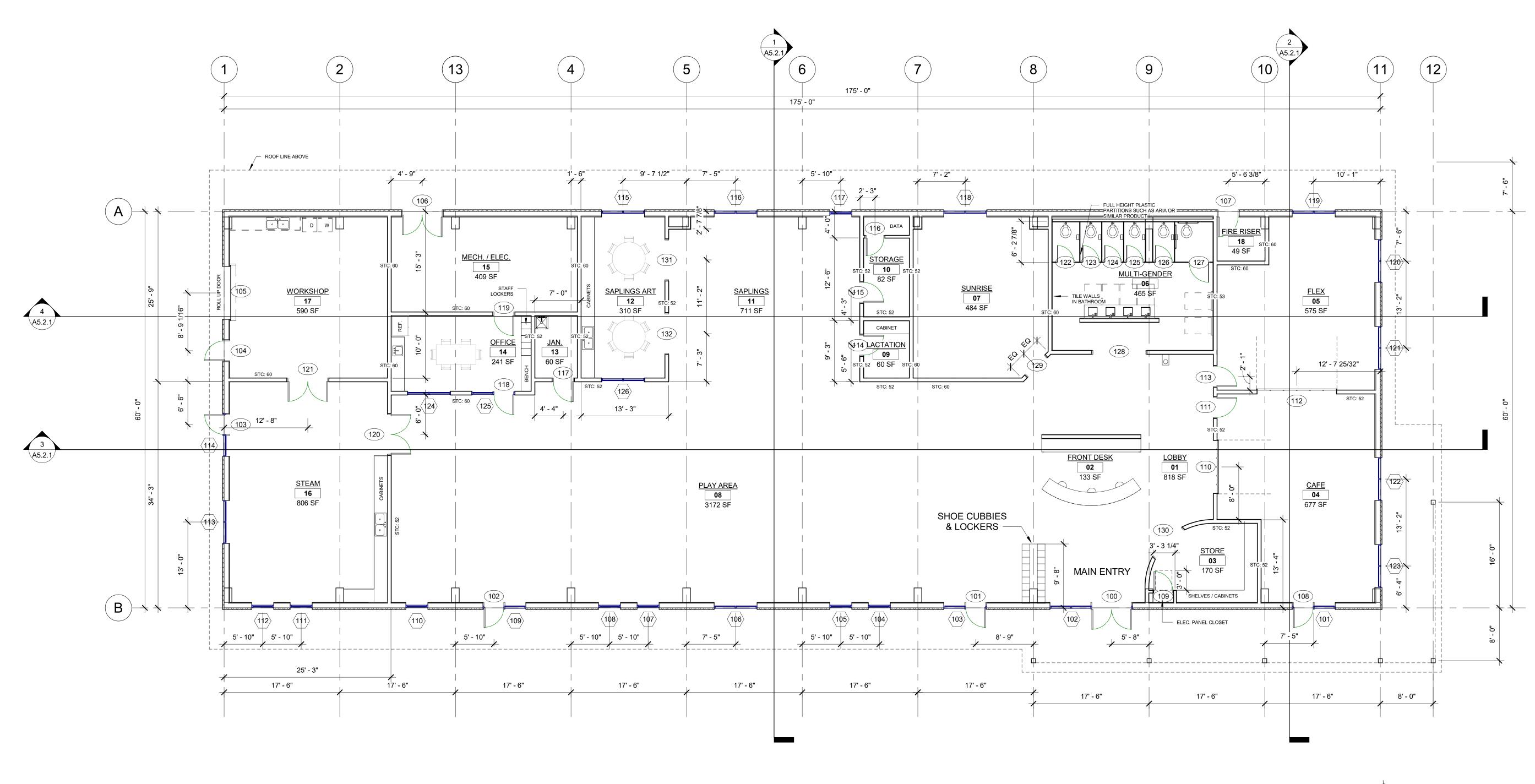
2 (A3.0.1)

3 A3.0.3

2 (A3.0.2)



	E LEGEND KEYNOTE TEXT T A5.1.1 FOR TYPE(S), TYP.		OR PLAN IEW ONLY
		architecture +	tinteriors + engineering
GENERAL NOTE	ΞS		
3. DOOR FRAMES LOCAT TO BE 4" FROM INSIDE CO CMU WALLS, U.N.O. 4. SEE PARTIAL PLANS FO 5. ALL EXTERIOR DIMENSI SHEATHING, FOUNDATION 6. ALL INTERIOR DIMENSION 7. ALL INTERIOR PARTITIC DECK U.N.O. 3. ALL CMU DIMENSIONS /	ACCESSIBLE CLEARANCE REQUIREMENTS. ED NEAR ADJACENT WALLS OR CASEWORK DRNER, OR TO NEAREST BLOCK MODULE AT OR BALANCE OF INFO. IONS ARE TO FACE OF EXTERIOR N. ONS ARE TO FACE OF FRAMING. DNS ARE FULL HEIGHT TO BOTTOM ROOF ARE TO FACE OF BLOCK. FOR ALL INFORMATION REGARDING		
	SLOPE FLOOR TO DRAIN. SLOPE NOT TO EXCEED 2%. DRAIN TO BE FLUSH WITH FLOOR 60" DIAMETER CLEAR TURNING SPACE 48" x 30" CLEAR FLOOR SPACE 2'-3" TYP @ 3'-6" DOOR 2'-0" TYP @ 3'-0" DOOR TYPICAL DOOR LAYOUT UNO	Project SIERRA NEVADA CHILDREN'S MUSEUM	'RUCKEE CHILDREN'S MUSEUM & SCIENCE CENTER 0010 ESTATES DRIVE 'RUCKEE, CA 96161 APN# 019-450-035
<ol> <li>Glazing to meet require 2406</li> <li>Safety Glazing Required A. Glazing in all doors</li> <li>B. Glazing in an where the ne either vertica bottom expos walking surfa</li> <li>C. Glazing in an a. the SF</li> <li>b. the</li> </ol>	fixed and operable panels of swings, sliding and bifold individual fixed or operable panel adjacent to a door arest vertical edge of the glazing is within a 24" arc of l edge of door in a closed position and where the sed edge of the glazing is less than 60" above the rece individual fixed or operable panel window that: e exposed area of an individual pane is greater than 9 c bottom edge of the glazing is less than 18" above floor e top edge of the glazing is greater than 36" above floor,	NO. DATE ISSUE Project	API
A. Glazing in gu B. Glazing in wa spas, whirlpo indoor and ou of the glazing or walking su C. Glazing wher 60" above the landings betw D. Glazing adjac glazing is less arc that is less	e or more walking surfaces are within 36", measured rizontally and in a straight line, of the plane of glazing. lards and railings. alls, enclosures or fences containing or facing hot tubs, lols, saunas, steam rooms, bathtubs, showers and utdoor swimming pools where the bottom exposed edge g is less than 60" measure vertically above any standing	PLAN Drawing No	ALL FLOOR
		A1	.0.1



1/8" = 1'-0"



FIRST FLOOR CONDITIONED: UNCONDITIONED: TOTAL:

**AREA:** 8,003 SF 2,497 SF 10,502 SF

# **FLOOR AREA BREAKDOWN:**

ROOM:	USE:	AREA:
LOBBY	MUSEUM	818 SF
FRONT DESK	OFFICE	133 SF
STORE	MERCANTILE	170 SF
CAFE	MERCANTILE	677 SF
FLEX ROOM	MUSEUM	575 SF
REST ROOM	FACILITIES	465 SF
SUNRISE	MUSEUM	484 SF
PLAY AREA	MUSEUM	3172 SF
LACTATION	FACILITIES	60 SF
STORAGE	STORAGE / BOH	82 SF
SAPLINGS	MUSEUM	711 SF
SAPLINGS ART	MUSEUM	310 SF
JANITORIAL	STORAGE / BOH	60 SF
OFFICE	OFFICE	241 SF
MECH. / ELEC.	STORAGE / BOH	409 SF
S.T.E.A.M.	MUSEUM	806 SF
WORKSHOP	STORAGE / BOH	590 SF
FIRE RISER	STORAGE / BOH	49 SF

% OF TOTAL AREA
7.8%
1.3%
1.6%
6.4%
5.4%
4.4%
4.6%
31%
0.6%
0.8%
6.7%
2.9%
0.6%
2.3%
3.9%
7.6%
5.6%
0.5%

# **USE BREAKDOWN**

<u>USE:</u> MUSEUM OFFICE (ACCESSORY) 374 SF MERCANTILE (ACCESSORY) 847 SF FACILITIES (REST ROOMS, ETC.) 525 SF STORAGE / BOH MISC. (WALLS, ETC.)

<u>N:</u>	
AREA:	
6,876 SF	
371 CE	

1190 SF 688 SF

% OF TOTAL AREA
65.5%
3.6%
8.1%
5%
11.3%
6.5%

North



EQUIPMENT

SEAL

Drawing Title

NO. DATE \_\_\_\_\_

# GENERAL NOTES

# GENERAL NOTES

1. FIRST FLOOR FINISH FLOOR IS 0'-0" = XXX'

2. SEE G4.3.0 FOR ALL ACCESSIBLE CLEARANCE REQUIREMENTS.

3. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER, OR TO NEAREST BLOCK MODULE AT CMU WALLS, U.N.O.

4. SEE PARTIAL PLANS FOR BALANCE OF INFO

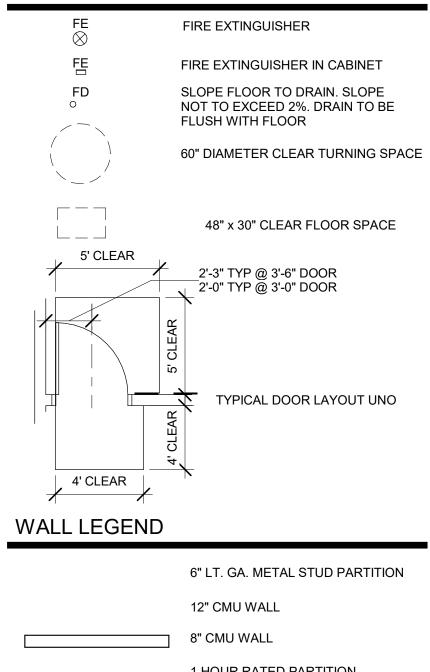
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF EXTERIOR SHEATHING, FOUNDATION.

6. ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING.

7. ALL INTERIOR PARTITIONS ARE FULL HEIGHT TO BOTTOM ROOF DECK U.N.O.

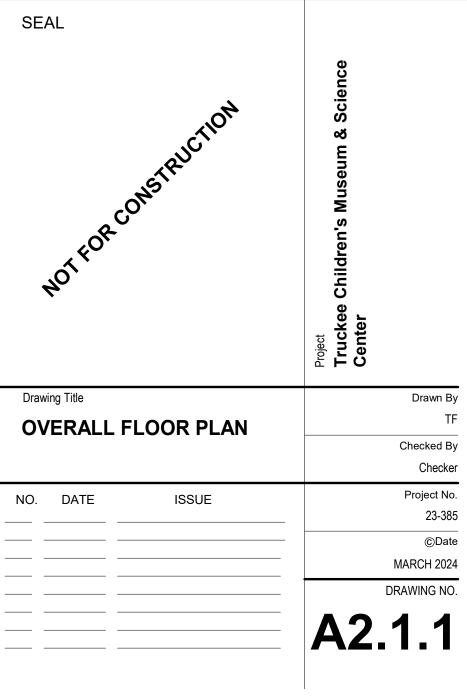
8. ALL CMU DIMENSIONS ARE TO FACE OF BLOCK. 9. SEE EQUIPMENT PLAN FOR ALL INFORMATION REGARDING

# FLOOR PLAN LEGEND

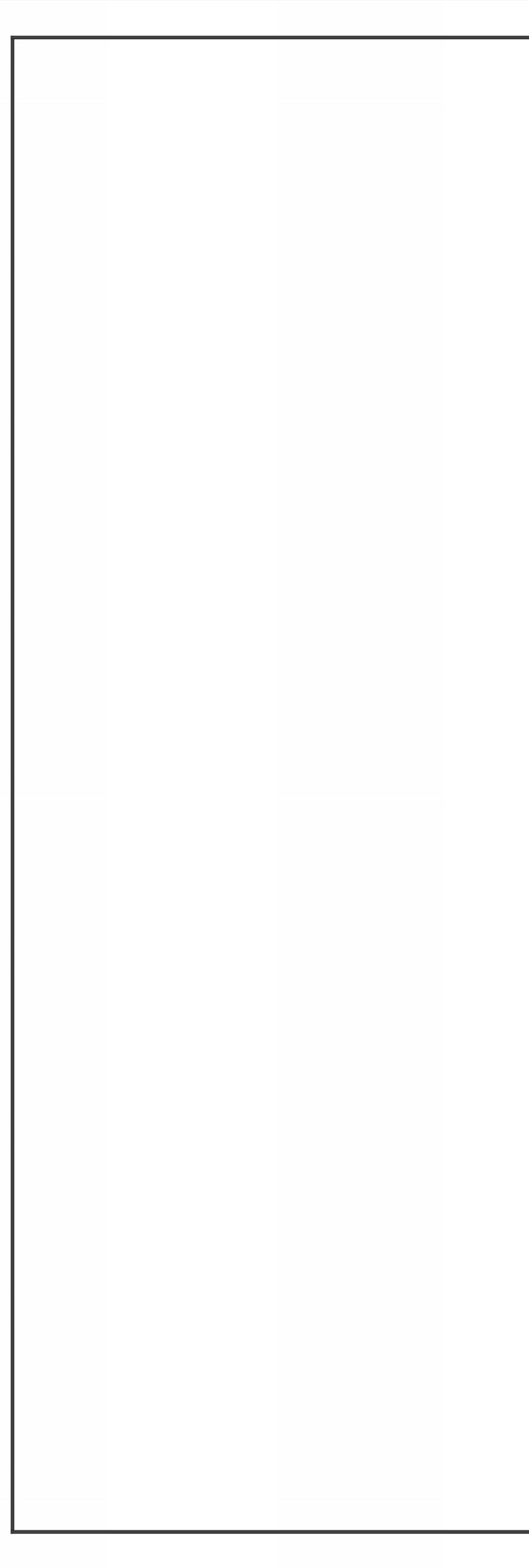


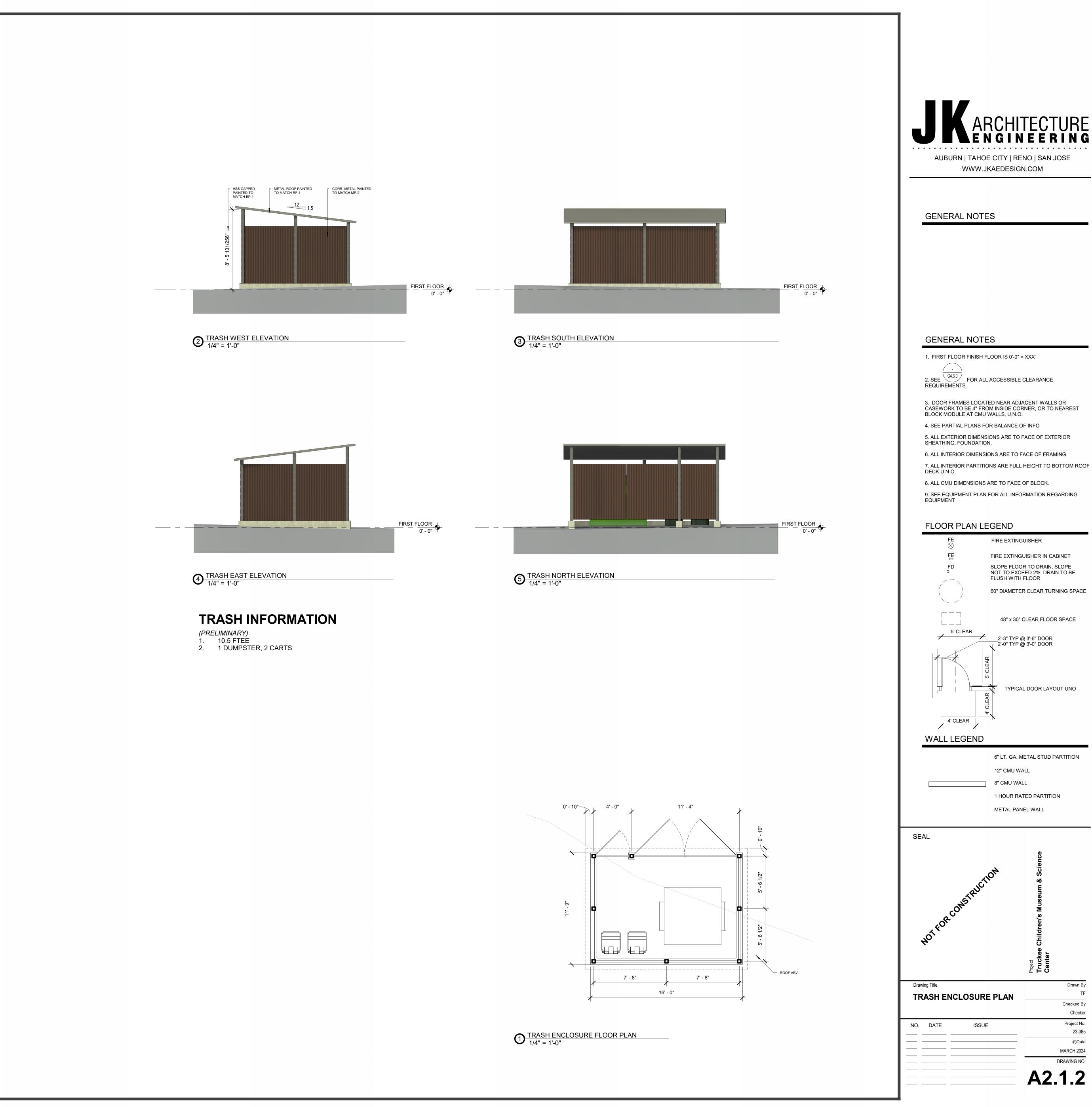
**1 HOUR RATED PARTITION** 

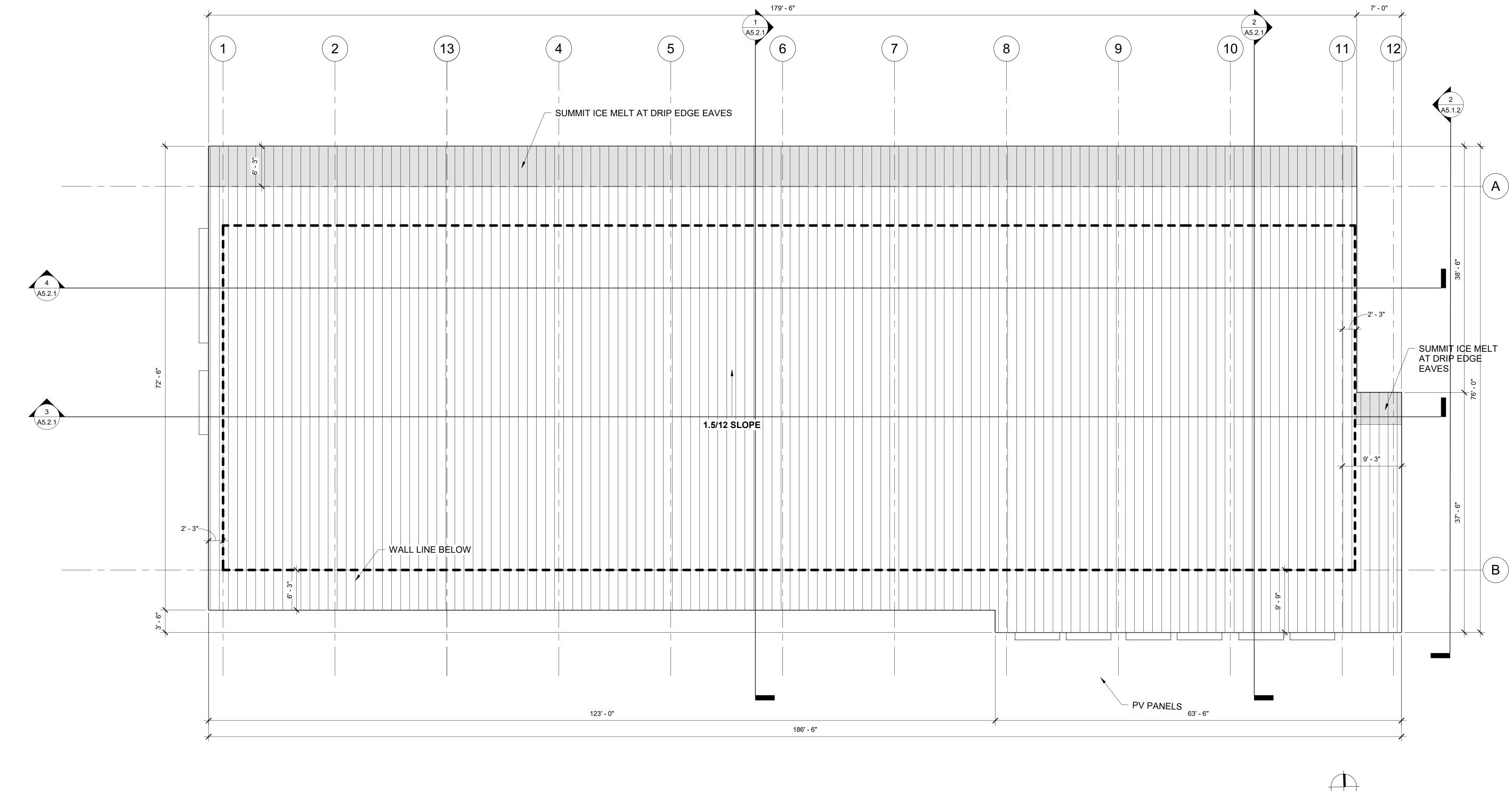
METAL PANEL WALL





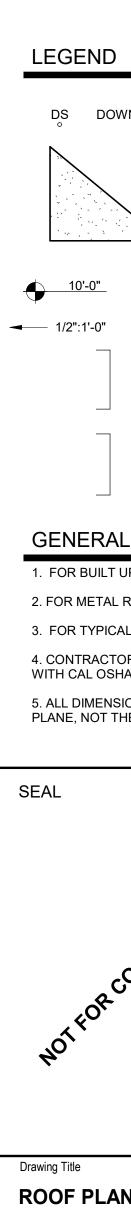


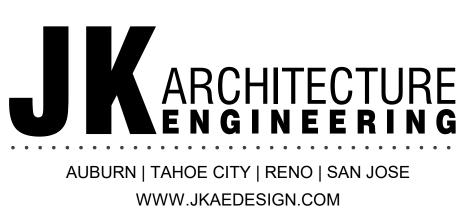


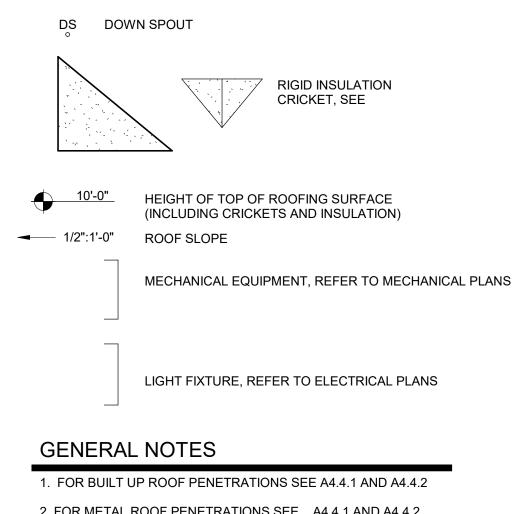


1/8" = 1'-0"

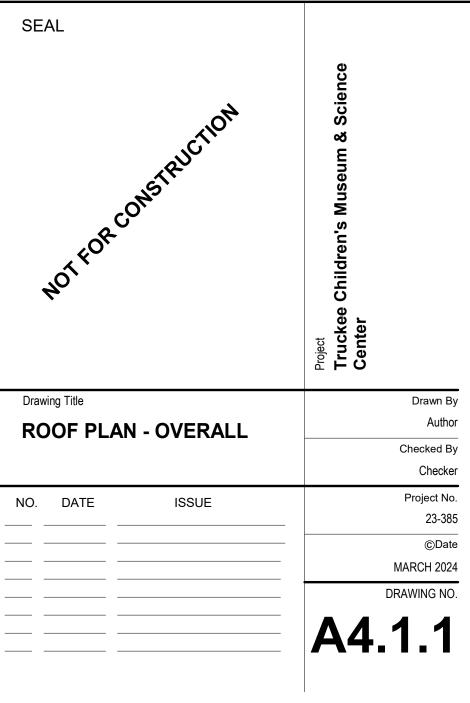
North

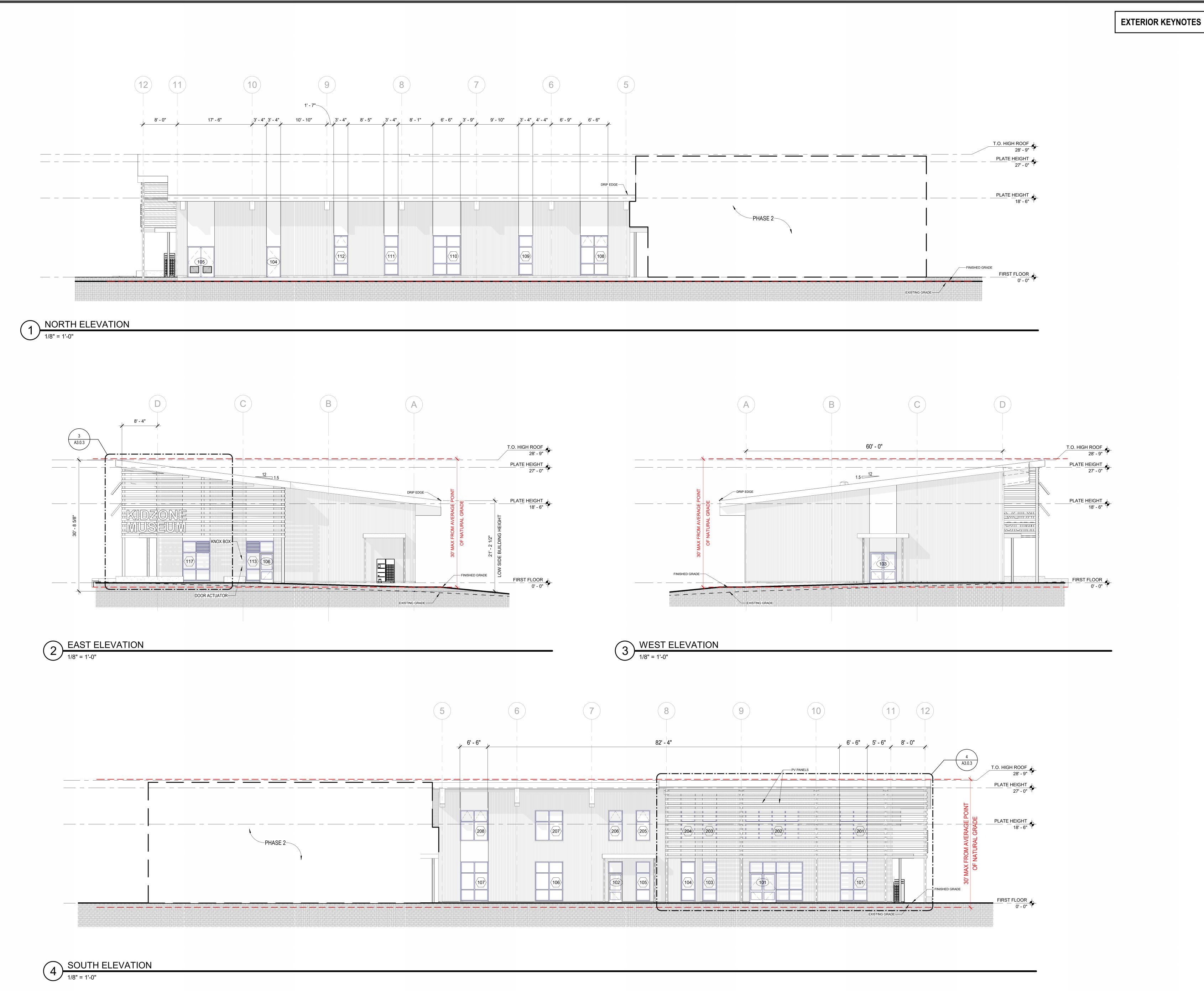


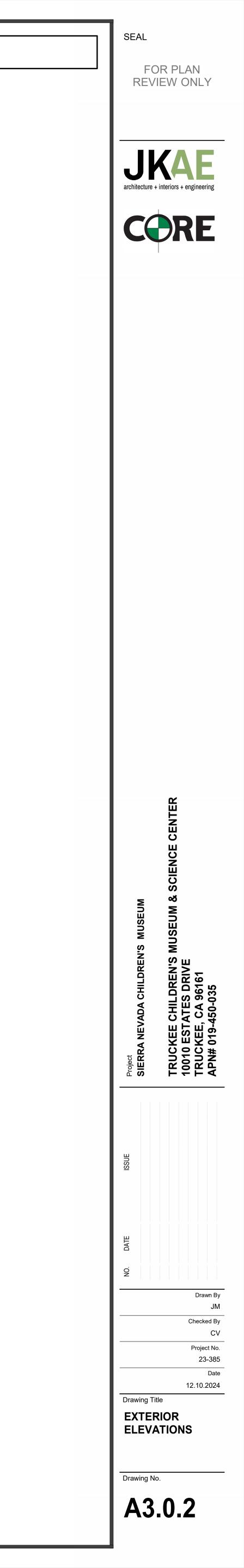


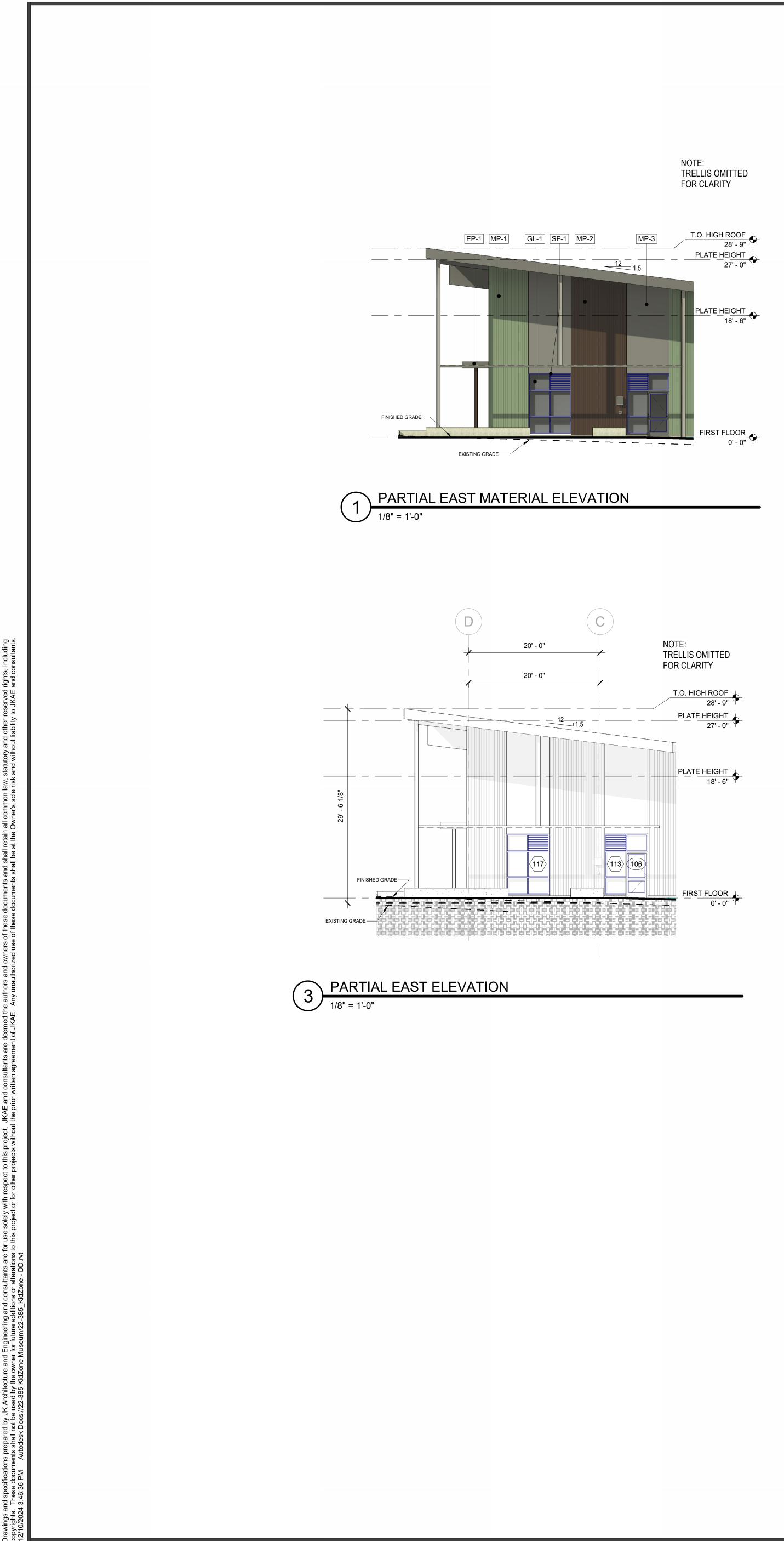


2. FOR METAL ROOF PENETRATIONS SEE A4.4.1 AND A4.4.2 3. FOR TYPICAL DUCT SUPPORT, SEE MECHANICAL 4. CONTRACTOR SHALL PROVIDE FALL ARREST SYSTEMS COMPLIANT WITH CAL OSHA TITLE 8 1670. PERSONAL FALL ARREST SYSTEMS 5. ALL DIMENSIONS SHOWN ARE BASED ON THE HORIZONTAL PLANE, NOT THE ROOF SLOPE.



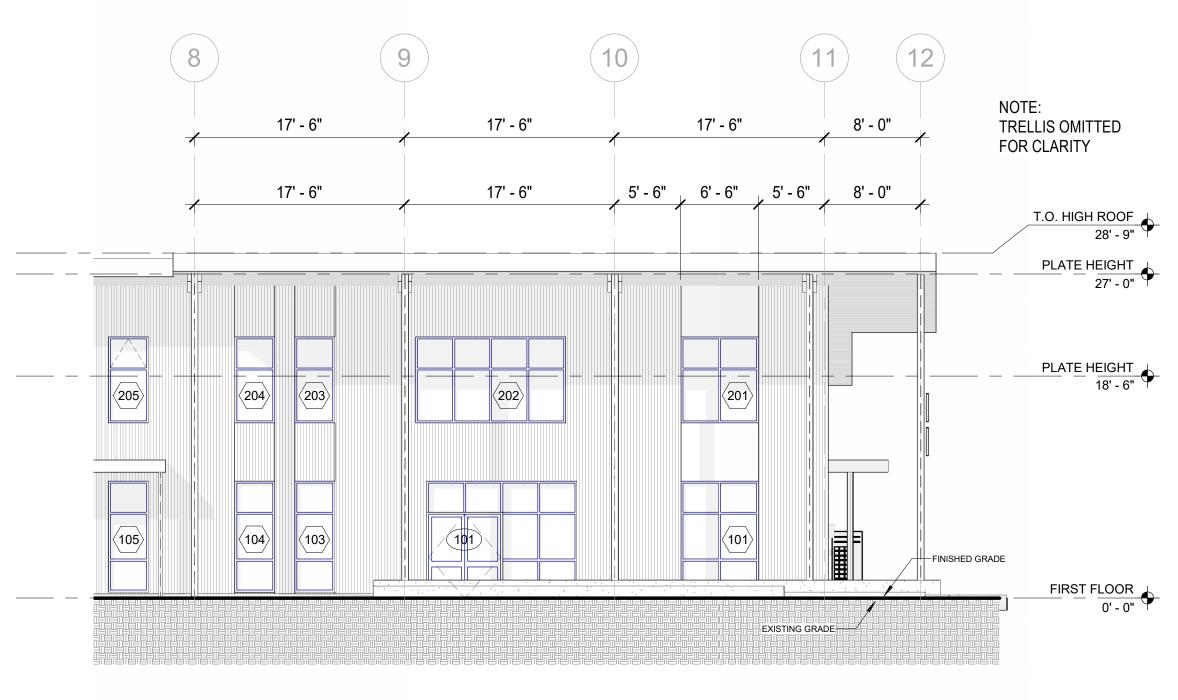








# 2 PARTIAL SOUTH MATERIAL ELEVATION 1/8" = 1'-0"





# NOTE: TRELLIS OMITTED FOR CLARITY MP-3 MP-2 MP-1 T.O. HIGH ROOF 28' - 9" PLATE HEIGHT 27' - 0" • PLATE HEIGHT 18' - 6" -FINISHED GRADE FIRST FLOOR EXISTING GRADE ——

EXTER	RIOR METAL P	ANELS - 07 42 13
MP-1	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED MESA (DM40) NATURAL GREEN
MP-2	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED MESA (DM40) WEATHERED COPPER
MP-3	MFG.: PROD.: COLOR:	
<u>GLASS</u>	<u>8 &amp; GLAZING</u>	
SF-1	MFG: PROD.: COLOR:	
GL-1	MFG: PROD.: COLOR:	VITRO ARCHITECTURAL G SOLARBAN LOW-E GLASS SOLARBLUE-SOLARBAN-9
PAINT	<u>- 09 91 00</u>	
EP-1	MFR: PROD: COLOR:	DUNN EDWARDS ACRYLIC SEMIGLOSS ENA COLOR MATCH TO SLATE
ROOF	ING METAL PA	NELS
RF-1	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED HR SERIES (HR3) SLATE GRAY

LEGEND

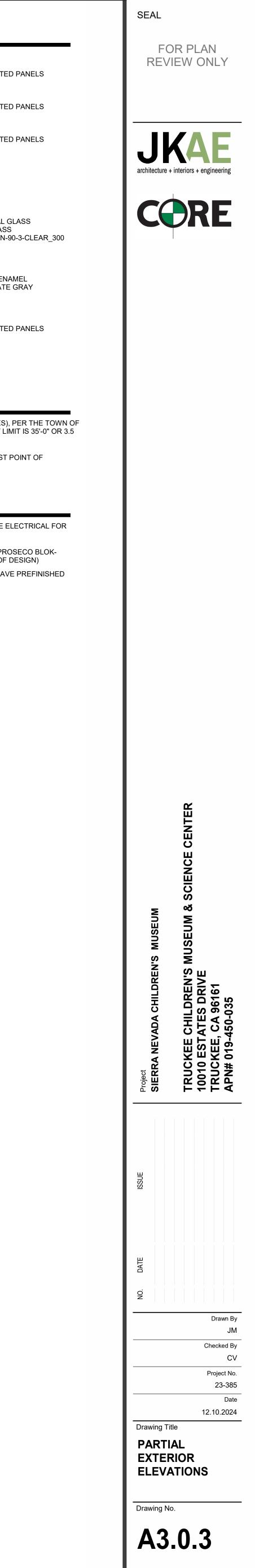
# BUILDING HEIGHT NOTES

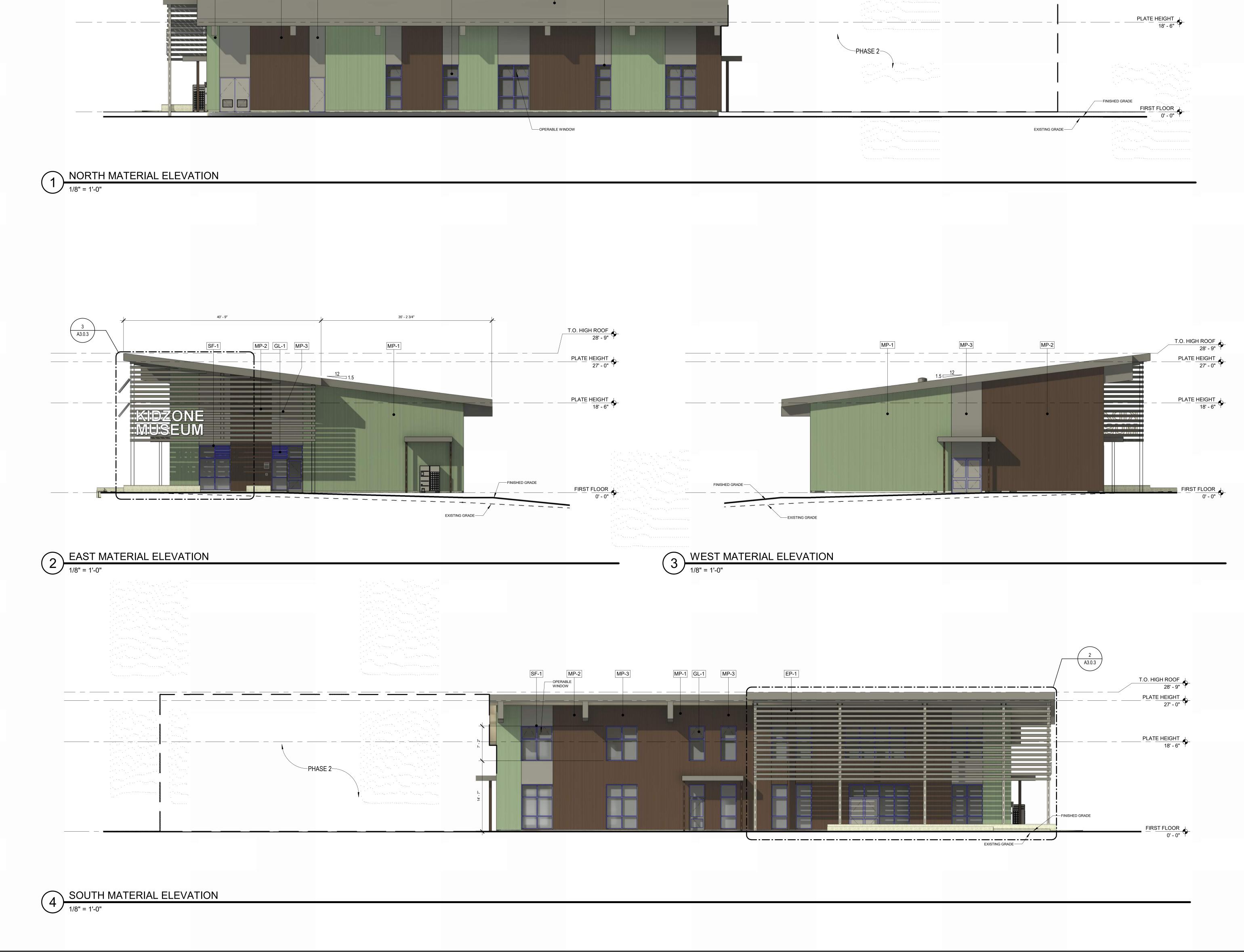
1. PROPERTY IS ZONED PF (PUBLIC FACILITIES), PER THE TOWN OF TRUCKEE DEVELOPMENT CODE, THE HEIGHT LIMIT IS 35'-0" OR 3.5 STORIES, WHICHEVER IS LESS. 2. HEIGHT IS TO BE MEASURED FROM LOWEST POINT OF NATURAL GRADE PER TOWN STANDARDS

# GENERAL NOTES

1. FOR WALL MOUNTED LIGHT FIXTURES, SEE ELECTRICAL FOR MOUNTING HEIGHT.

2. ALL EXTERIOR CMU TO BE COATED WITH PROSECO BLOK-GUARD & GRAFFITI CONTROL ULTRA (BASIS OF DESIGN) 3. ALL EXTERIOR CMU PARAPET WALLS TO HAVE PREFINISHED METAL COPING







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s prepared by JK Architecture and Engineerii ents shall not be used by the owner for future Autodesk Docs://22-385 KidZone Museum/22

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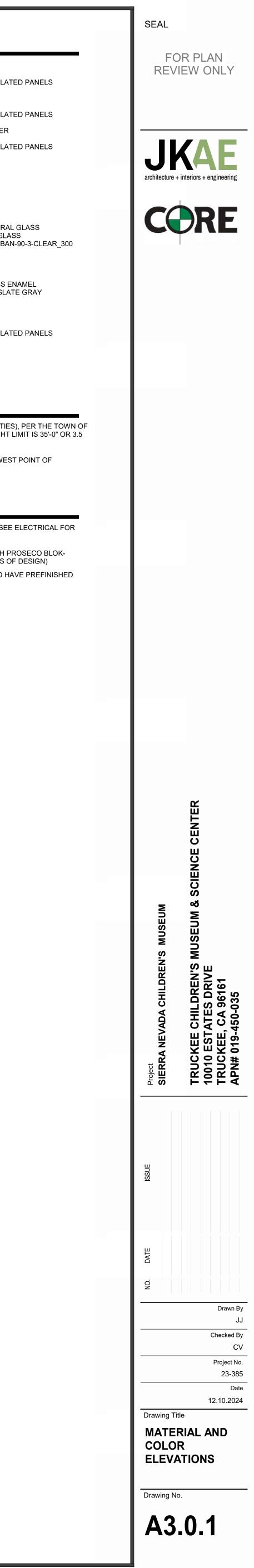


			LEGEND	
				TAL PANELS - 07 42 13
			MP-1 MFG.: PROD. COLOI	ALL WEATHER INSULATED .: MESA (DM40)
			MP-2 MFG.: PROD. COLOF	:: MESA (DM40)
			MP-3 MFG.: PROD. COLOF	.: MESA (DM40)
			<u>GLASS &amp; GLA</u>	ZING
		T.O. HIGH ROOF 28' - 9"	SF-1 MFG: PROD. COLOI	
		PLATE HEIGHT 27' - 0"	GL-1 MFG: PROD. COLOI	
· · · · · · · · · · · · · · ·			<u> PAINT - 09 91 (</u>	<u>)0</u>
······		PLATE HEIGHT 18' - 6"	EP-1 MFR: PROD: COLOF	
			ROOFING MET	AL PANELS
	L		RF-1 MFG.: PROD. COLOI	.: HR SERIES (HR3)
		FINISHED GRADE FIRST FLOOR 0' - 0"	BUILDING	G HEIGHT NOTES
······	EXISTING GRADE		TRUCKEE DE\	IS ZONED PF (PUBLIC FACILITIES), P /ELOPMENT CODE, THE HEIGHT LIMI CHEVER IS LESS.
				TO BE MEASURED FROM LOWEST PO ADE PER TOWN STANDARDS

# GENERAL NOTES

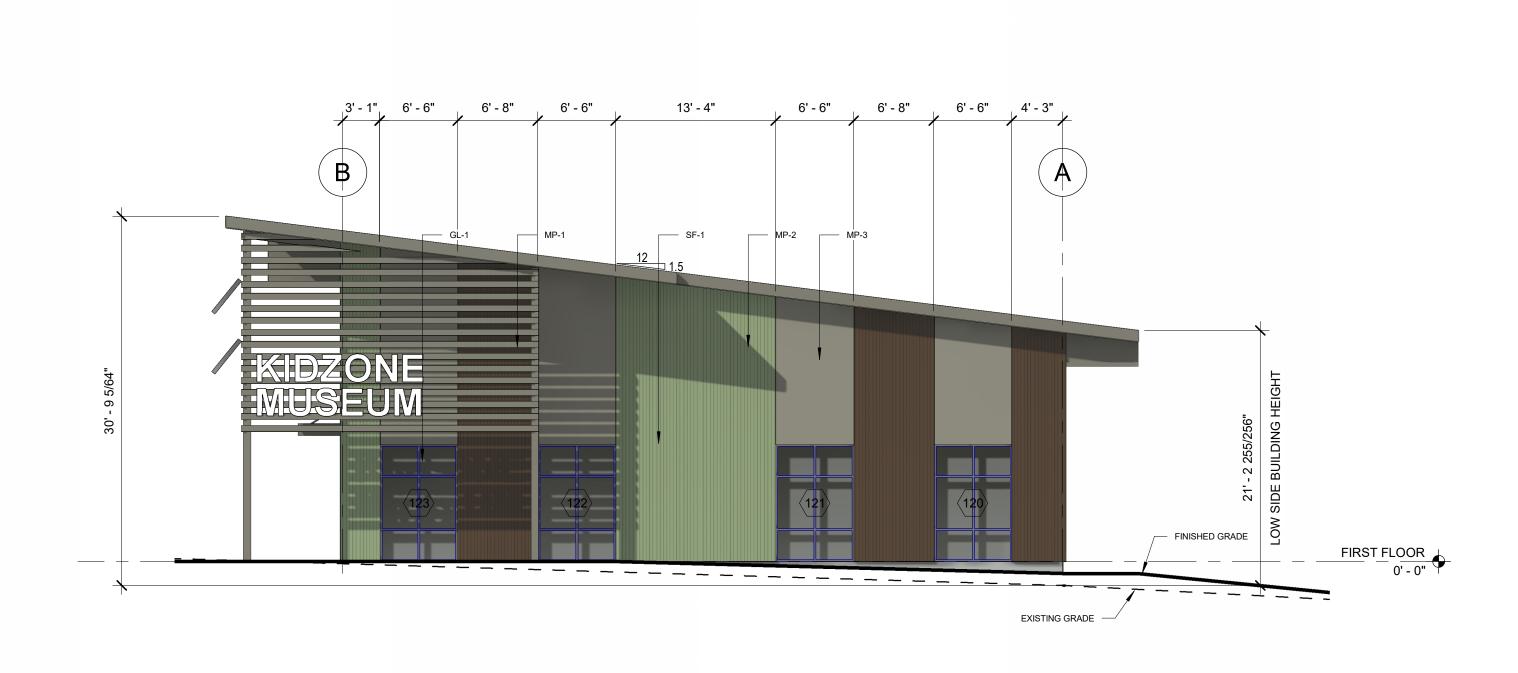
1. FOR WALL MOUNTED LIGHT FIXTURES, SEE ELECTRICAL FOR MOUNTING HEIGHT.

2. ALL EXTERIOR CMU TO BE COATED WITH PROSECO BLOK-GUARD & GRAFFITI CONTROL ULTRA (BASIS OF DESIGN) 3. ALL EXTERIOR CMU PARAPET WALLS TO HAVE PREFINISHED METAL COPING





2 East Elevation 1/8" = 1'-0"

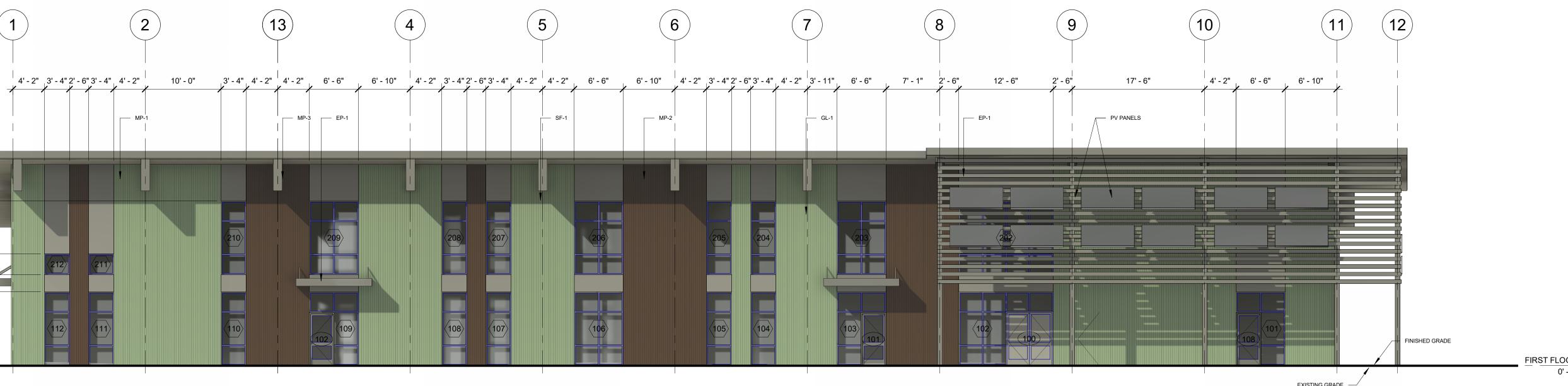


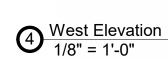
(13)

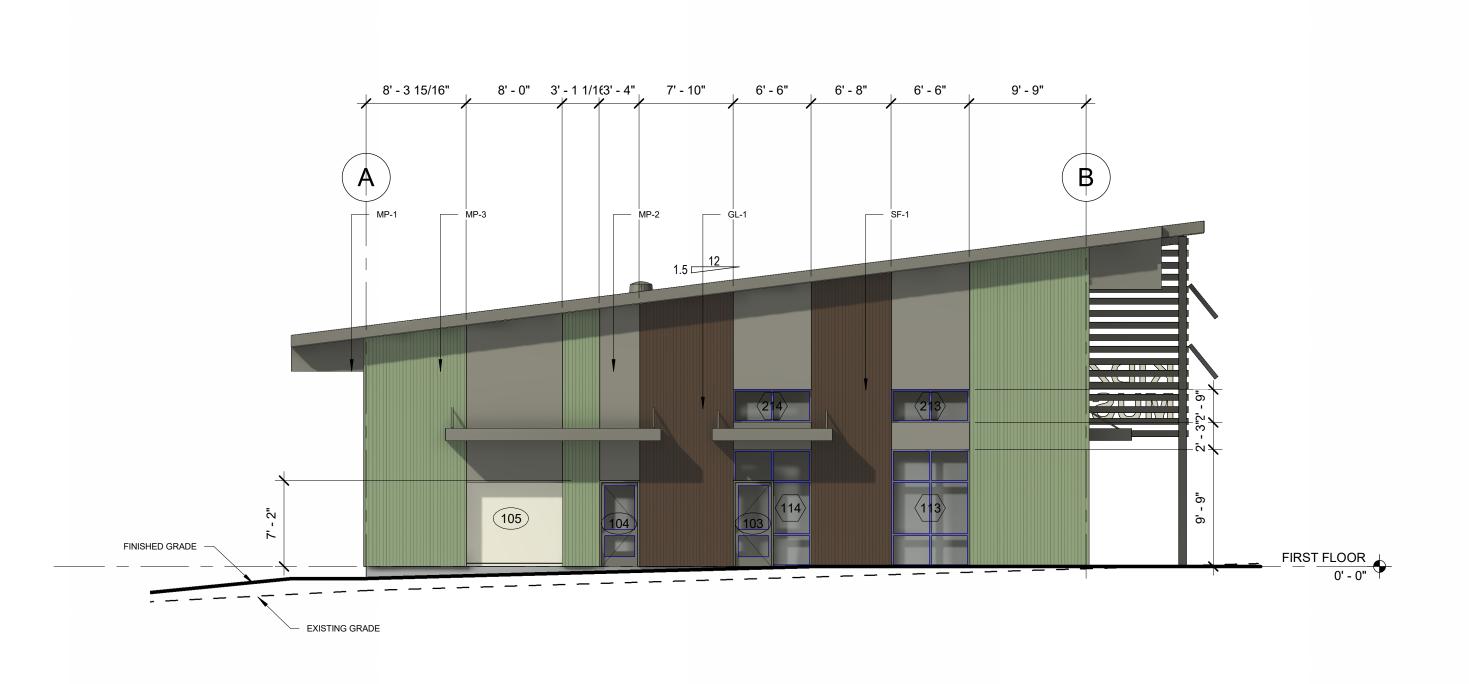
– MP-3 \_\_\_\_ EP-1

(2)

 $\left( 1 \right)$ 









LEGEND EXTERIOF MP-1 MI С MP-2 MI С MP-3 MI

GLASS & ( SF-1 MI CC GL-1 MI <u> PAINT - 0</u> EP-1 MI

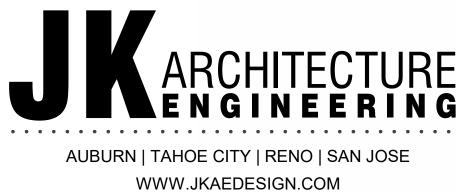
<u>ROOFING</u> RF-1 MI

METAL COPING

KEY PLAN

SEAL 20

Drawing Title ELEVATIONS NO. DATE \_\_\_\_\_



XTER	RIOR METAL PAN	IELS - 07 42 13
P-1	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED PANELS MESA (DM40) NATURAL GREEN
P-2	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED PANELS MESA (DM40) WEATHERED COPPER
P-3	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED PANELS MESA (DM40) SLATE GRAY
LASS	& GLAZING	
F-1	MFG: PROD.: COLOR:	KAWNEER TRIFAB 451-T BLACK
L-1	MFG: PROD.: COLOR:	
AINT	<u>- 09 91 00</u>	
P-1	MFR: PROD: COLOR:	DUNN EDWARDS ACRYLIC SEMIGLOSS ENAMEL COLOR MATCH TO SLATE GRAY
<u>00FI</u>	NG METAL PANI	ELS
F-1	MFG.: PROD.: COLOR:	ALL WEATHER INSULATED PANELS HR SERIES (HR3) SLATE GRAY

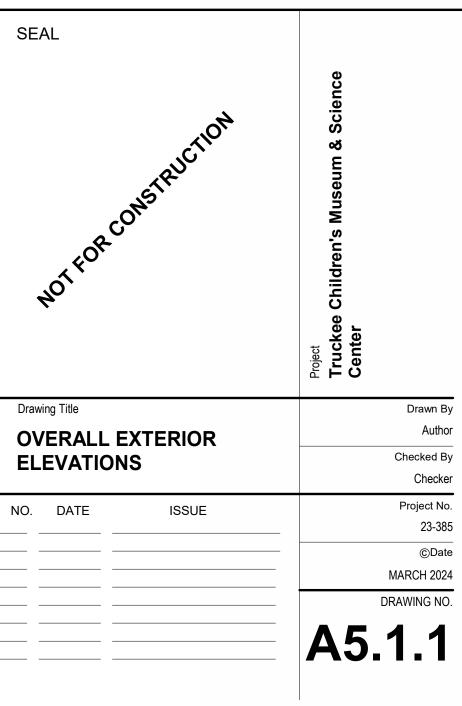
# **BUILDING HEIGHT NOTES**

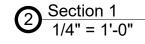
1. PROPERTY IS ZONED PF (PUBLIC FACILITIES), PER THE TOWN OF TRUCKEE DEVELOPMENT CODE, THE HEIGHT LIMIT IS 35'-0" OR 3.5 STORIES, WHICHEVER IS LESS. 2. HEIGHT IS TO BE MEASURED FROM LOWEST POINT OF NATURAL GRADE PER TOWN STANDARDS

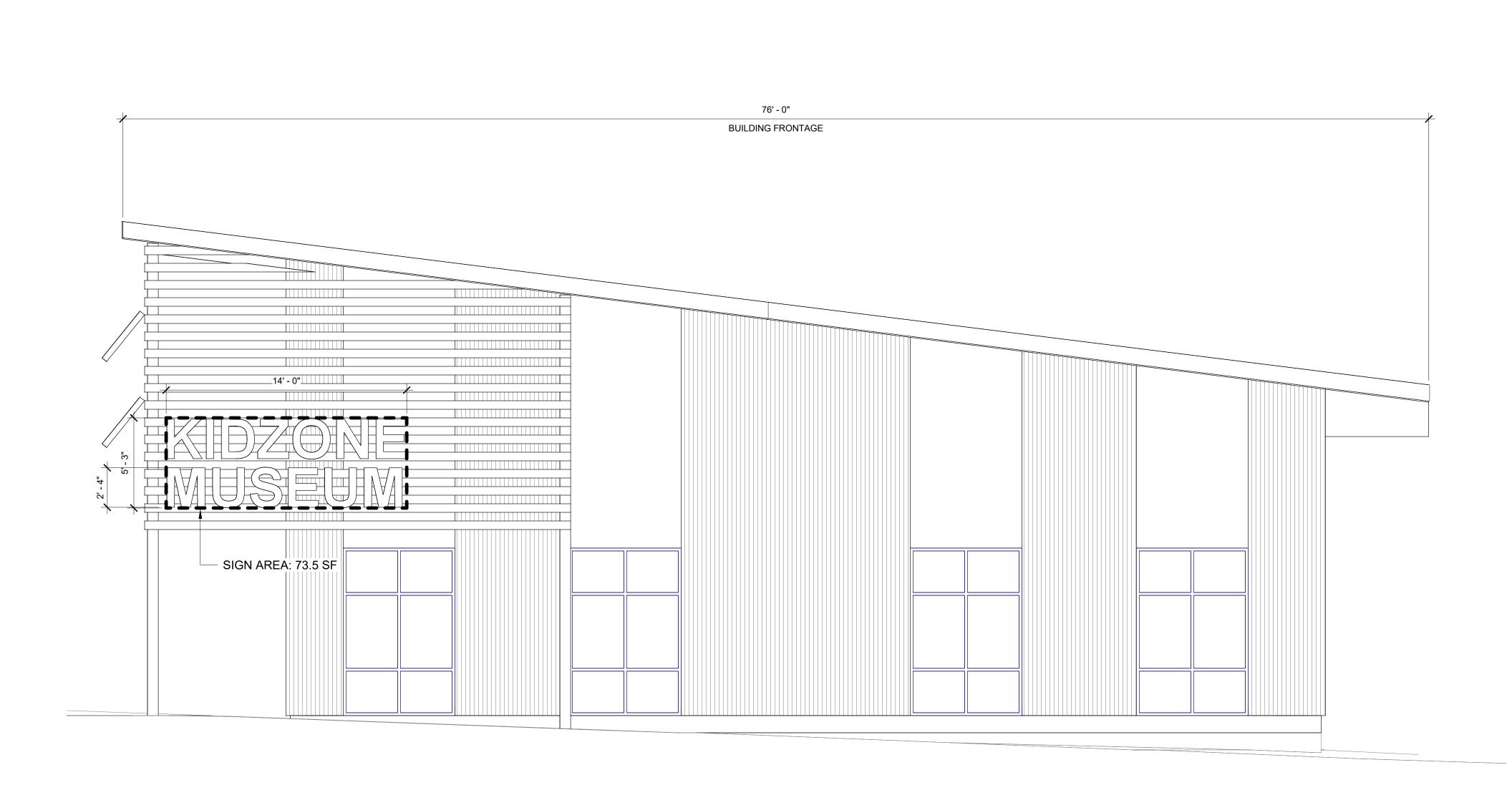
# GENERAL NOTES

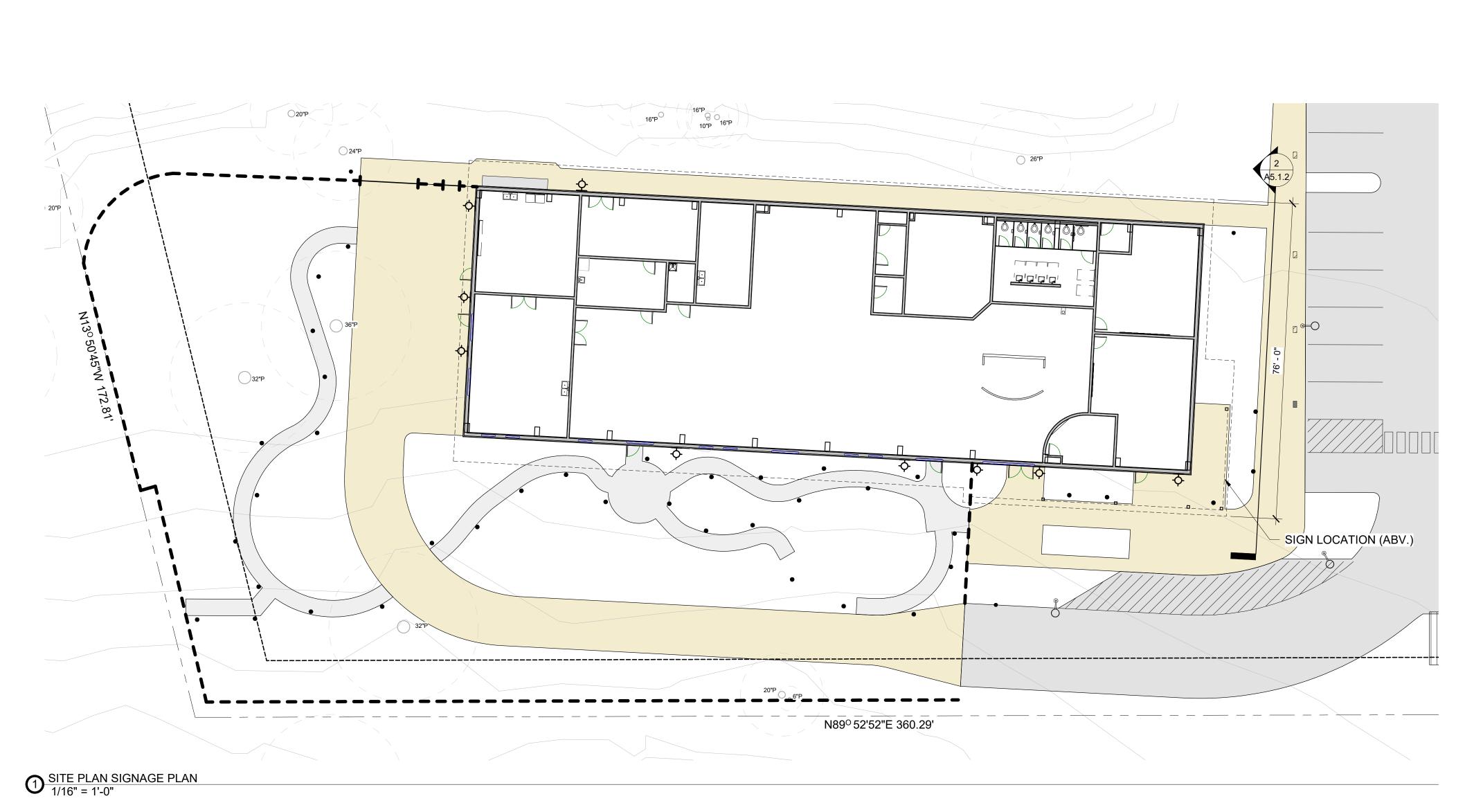
1. FOR WALL MOUNTED LIGHT FIXTURES, SEE ELECTRICAL FOR MOUNTING HEIGHT.

2. ALL EXTERIOR CMU TO BE COATED WITH PROSECO BLOK-GUARD & GRAFFITI CONTROL ULTRA (BASIS OF DESIGN) 3. ALL EXTERIOR CMU PARAPET WALLS TO HAVE PREFINISHED











SIZE: MOUNTING:

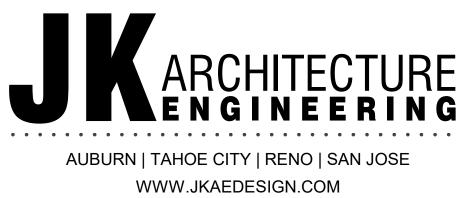
FINISHING.

SEAL

40

Drawing Title SIGNAGE

NO. DATE \_\_\_\_\_ \_\_\_\_



SIGN INFORMATION

MATERIALS: PROPOSED WORDING: BUILDING FRONTAGE:

W: 14'-0" H: 5'-3" AREA: 73.5 SF STAINLESS STEEL "KIDZONE MUSEUM" 76'-0" 

 BUILDING SURFACE AREA:
 1641 SF

 LIGHTING:
 BACKLIT LETTERS WITH LED STRIP

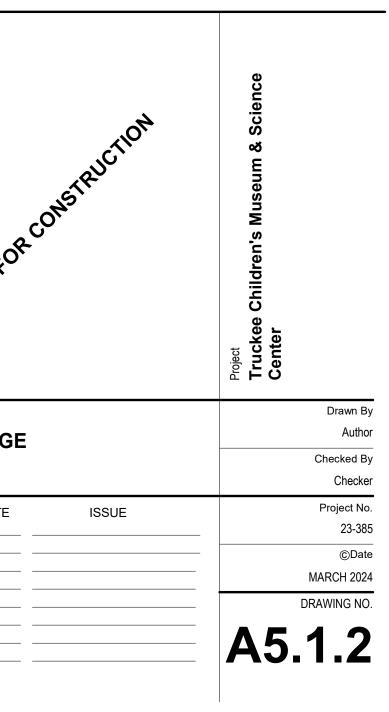
 LIGHTS MOUNTED ONTO METAL SLATS PAINTED SLATE GREY

GENERAL NOTES

1. ALL FINISHES, FURNISINGS AND MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS OF 2019 CBC/CFC CHAPTER 8 AND CCR TITLE 19 FLAME SPREAD AND SMOKE DEVELOPMENT

2. PRIME & PAINT ALL EXPOSED EXTERIOR SURFACES AND ITEMS WHICH ARE NOT FACTORY FINISHED, INCLUDING BUT NOT LIMITED TO; SOFFITS, REVEALS, METAL FLASHING AND TRIM, ROOF PENETRATIONS, EXPOSED STEEL STRUCTURE, EXPOSED PLUMBING, DUCTWORK AND OTHER MECHANICAL ITEMS, EXPOSED ELECTRICAL CONDUIT AND OTHER ELECTRICAL ITEMS, UNO.

3. PREPARE ALL SURFACES TO BE FINISHED PRIOR TO PAINTING, INCLUDING GALVANIZED STEEL AND ALL SURFACES ON WHICH DEBRIS OR OTHER RESIDUES EXIST WHICH MAY INTERFERE WITH



**ELECTRICAL SPECIFICATIONS:** 

	ELECTRICAL SP		ATIONS.
1.	Refer to Architect's Cover Sheet and Division 01 specifications for additional information about deferred submittals, codes,	37.	Warranties:
	design-build details, seismic and wind criteria, submittals, closeout requirements, etc.	01.	a. Guarantee the installation against defects in materials and work
2.	Lighting controls, security, data, telecom, audio-visual, WiFi, access controls, and similar low-voltage (less than 50V) designs shall be by the Contractor. Contractor shall submit to Building Department as DEFERRED SUBMITTALS if		of one year, superseded by Division 01, if any. Equipment and each mfr's factory warranty. Provide all documentation to owne
	requested by building department or its designate. Contractor shall include all fees for designing and permitting of these		application.
3.	systems. Any related information shown on the MEP plans indicates design intent but is for general guidance only. Seismic Bracing and Attachments shall be designed by the Contractor. Contractor shall submit to Building Department as		<li>All warranties shall commence on the day of owner's acceptanc cost to the owner.</li>
5.	DEFERRED SUBMITTALS if requested by building department or its designate. Contractor shall include all fees for	38.	Field observations may be periodically conducted by SPE, for the sole
	designing of these systems. Any related information shown on the MEP plans is for general guidance only. Consult		work completed by the Contractor which falls within SPE's scope of de
4.	Structural Engineer for more information. These notes accompany all other specification sections, manuals, and notes across all divisions. Subcontractors are bound		be an exhaustive check or a detailed inspection of the Contractor's wor familiar with the work in progress and to determine, in general, if the wo
	with the general contractor to all parts of the construction contract. See specifications, plans and other divisions for		Contract Documents. SPE assumes no responsibility for concealed wo
5.	additional information required for coordination. If a conflict is discovered, submit a request for interpretation. These plans and their referenced specifications function together as engineering design intent, and depend upon all other		quality, sequences or procedures utilized by the Contractor, nor for the nor for acts or omissions of the Contractor, nor for the Contractor's fail
0.	parts of the design documents from all other parties (architecture, structure, civil, fire protection, data, etc). These plans		Contract Documents or any applicable laws, codes, rules or regulations
	and specifications must therefore be used in whole, and in conjunction with all other plans and specifications. No sheet, page or part may be used individually.	39. 40.	Systems shall be complete, operable, and ready for continuous operati Offset raceways, panels, etc., as necessary to accommodate structure
6.	Sugarpine Engineering shall have no responsibility for deviations from these plans and specifications, unless such	40.	submit all field changes.
	deviations are authorized in advance, in writing, by Sugarpine Engineering. If deviations are made without authorization,	41.	Mount all operator controls (stats, dials, etc) so top-of-box is 48" AFF in
	then the party who authorized or made the deviations assumes all responsibility for the deviations. In the case of a Contractor making deviations, then that contractor shall be the Designer of Record and in responsible charge of those		Provide boxes for all devices, mounting to drywall not allowed. Coordir Avoid casework, moldings, trim, furniture, heat sources, sunlit and exte
_	deviations, including for all effects, costs, or delays related to them.	10	prior to beginning box rough-in.
7.	Unless otherwise specified in Division 01, Contractor shall include a 15% cost contingency for unforeseen conditions for each MEP trade (fire alarm, controls, lighting, power, data, etc.).	42.	Provide 4" high concrete equipment pads beneath floor mounted electr base assemblies required or recommended by the manufacturer. When
8.	Coordinate with general (prime) contractor (GC) for what items are to be provided and connected by which subcontractor.		equipment to violate utility or CEC maximum height requirements, prov
9.	Do not scale electrical drawings. Verify and coordinate light fixtures, conduits, framing, structure, furnishings, etc., in field and across other divisions prior to procurement or commencement of work. Architectural and structural drawings shall		equipment to stay within acceptable height constraints. Pad height sha equipment that is compatible with a $2^{\circ} - 4^{\circ}$ equipment pad.
	govern all dimensions.	43.	Refer to all other drawings across all divisions for exact locations and a
10.	All contractors shall be licensed and experienced with the systems, performance levels, and construction types indicated in the plans and specifications prior to bidding.	44.	interlocks, controls, etc., as required by other suppliers. Systems shall be tested for proper operation. Perform at a minimum a
11.	All Contractors and Subcontractors shall be licensed, experienced, and thoroughly knowledgeable in their part of the		work are defective, contractor shall make corrections necessary at no a
	construction and shall perform in a responsible manner with customary construction sequence, shall recognize the priority of the construction documents, and shall notify the general contractor in writing of potential problems when the construction	45.	Visit site prior to bid and verify that conditions are as indicated. Contra make his work meet existing conditions.
	documents are unclear or inconsistent.	46.	System outages shall be permitted only at times approved by owner - i
12.	Subcontractors shall be responsible to notify the prime contractor of discrepancies or conflicts in the construction		accidental outage (beyond branch circuits) shall be performed with the
13.	documents or as-built conditions discovered during bidding and/or prior to performing the work. Items not indicated on the plans or specifications, including but not limited to some designs and details for alarms, controls,	47.	such work. Contractor's failure to order or release order for materials and/or equip
	bracing, hangers, attachments, power, lighting, data, splices, junctions, and other items necessary for the project, shall be		substitute alternate materials, equipment, or installation methods.
14.	designed and provided by the licensed contractors installing their own work per State laws. All equipment shall meet or exceed 2022 Title 24 Part 6 Prescriptive and Mandatory efficiencies and requirements. All other	48.	Field verify existing equipment or circuits that are remaining to be recompanels, or panel boards. Provide switches, receptacles, conduit, wire,
	portions of the work shall be designed and installed to comply with the 2022 Title 24 code series.		circuit(s).
15. 16.	All products shall be selected and capable of performance at project altitude: 6,000'. All products, devices, and materials shall be provided, braced, and installed to comply with CBC Chapter 16 seismic	49.	Existing systems and conditions shown on drawings are for guidance of all existing conditions prior to bidding and to include in his bid an allowa
10.	requirements. No equipment, device, or material shall contact any building component or other material during a seismic		conduits, wires, devices, fixtures, or other equipment as indicated on the
17	event. Dravide existing brasing banger reds, banger red stiffeners, etc., to provent more than 1" lateral motion of any conduit	50	new and existing electrical system to all other work as required.
17.	Provide seismic bracing, hanger rods, hanger rod stiffeners, etc., to prevent more than 1" lateral motion of any conduit during a seismic event. Equipment shall remain attached and fully operational. Basis-of-design intent is Mason Industries	50. 51.	Verify exact location of equipment to be furnished by others prior to rou Review architectural and mechanical drawings and provide lights, swite
40	OSHPD preapproved "OPA" materials, means and methods.	50	equipment connections, etc. And associated circuiting in new and rem
18.	Conduits and boxes shall not be capable of impacting any adjacent item. Conduits, fittings, and boxes shall not disconnect or compromise sealing during/after a seismic event. Refer to CBC Chapter 16 and Mason Industries design manuals.	52.	Install all materials in accordance with the manufacturer's recommendation architect/engineer's attention prior to installation.
	Consult Structural Engineer for seismic zone information.	53.	Final connections to equipment shall be in accordance with manufacture
19.	All vibrating, suspended, or flexibly mounted equipment shall be connected with MC cable or liquid-tight PVC flexible conduit subject to NEC and other sections.		instructions. It shall be the contractor's responsibility to provide materiatually supplied.
20.	Sugarpine Engineering (SPE) cannot, through its designs, specifications, observations, or by any other means, guarantee	54.	Contractor shall be responsible for replacing equipment which is dama
	the prevention, reduction or elimination of microorganisms, legionella, chemicals, particles, molecules or debris (collectively substances) in air, water or other building systems, or control potential risk factors for human health. Additionally, SPE	55.	this section, or factory wiring in equipment provided under this section. All electrical systems components shall be listed or labeled by UL or ot
	cannot guarantee security of the project, including but not limited to entry, forced entry, filtration, air quality, equipment	56.	Wiring devices shall be specification grade and rated at 20 amperes fo
21.	reliability, frost protection, or other means of protection, explicit or implied. Examination of bidding documents:	57.	receptacles. The color of the devices and cover plates shall be as dire All wiring shall be installed in listed metallic raceways. EMT fittings sha
21.	a. GC shall make the entire set of bid documents available to every subcontractor and vendor during the bidding period.	57.	be insulated throat type. Minimum conduit size is <sup>3</sup> / <sub>4</sub> ". Follow CEC/NE
	Every subcontractor shall examine the bidding documents carefully, and not later than seven (7) days prior to bid submission, GC shall make written request to the owner for interpretation or correction of any discrepancies,		conduit. Conduit shall be of sufficient size and conductor quantity shal
	ambiguities, inconsistencies, or errors therein which he may discover. The owner or architect will issue any	58.	conductors. Metal clad cable is permitted in concealed locations. All empty raceway systems shall have a 200lb nylon pull string or equa
	interpretation or correction as an addendum. Only a written interpretation or correction by addendum shall be bidden aball rely upon interpretations or corrections given by any other method. If discremension		termination points, using permanent metallic tags. Tag shall indicate in
	binding. No bidder shall rely upon interpretations or corrections given by any other method. If discrepancies, ambiguities, inconsistencies, or errors are not presented by the contractors in writing, contractor shall include in his	59.	termination points of each individual conduit. Wire shall be copper, 75 degree Celsius rated for general use. Sizes in
	bid, labor materials and methods of construction to provide the highest cost option in question. After award of	<u></u>	degree Celsius ambient. Conductor ampacity shall be de-rated for high
	contract, no allowance or extra compensation will be made on behalf of the contractor due to his failure to make the written requests described above.	60.	Final connections to motors and other vibrating equipment shall be Sea secure conduits, disconnects, or devices to ductwork or mechanical eq
	b. Failure to request clarification during the bid period of any inadequacy, omission, or conflict will not relieve the	61.	All local and remote disconnects to be labeled (with clear tape and black
	contractor of his responsibilities. The signing of the contract implicitly denotes that the contractor has a thorough comprehension of the full intent and scope of the construction contract drawings and specifications.		schedule as well as with the panel and pole designation. Circuit breake of additional labeling to meet this requirement.
22.	Provide base bid with basis-of-design or listed equivalent products. Make and model named on any schedule or note is the	62.	All receptacles shall be tamper-resistant.
	basis-of-design. Other manufacturers listed (if any) are considered equivalents subject to matching the features and specifications of the basis-of-design.	63. 64.	Half switched duplex receptacles shall be permanently marked to ident All lighting sources (unless only for decorative use) shall have a color r
23.	Manufacturers not listed by name are considered substitutions, and must be submitted with a "substitution request"	65.	SPE shall have no responsibility for the photometrics, color rendering,
	highlighting variances from the basis-of-design, and indicating cost or schedule savings. Substitutions may require additional design fees to review and/or accommodate. Substitutions will be considered only after bid award, and will be	66.	performance of lighting fixtures selected by others. Systems shall be tested for proper operation. If tests show that work is
	considered only if there is a proposed schedule or cost savings. Contractor assumes all responsibility for delays and costs	00.	necessary at no cost to owner.
24	incurred due to review and/or accommodation of substitutions.	67.	Guarantee the installation against defects in materials and workmansh
24.	Contractor is responsible for all coordination of equivalents and substitutions, in addition to review and/or redesign fees. Where contract documents permit selection from several equivalents, or where substitutions become authorized, coordinate	68.	period of one year after owner's acceptance. Defects shall be promptly Systems shall be complete, operable, and ready for continuous operati
	clearance and interface requirements with all divisions.		Shall be connected and operable.
	<ul> <li>Provide necessary additional items so that selected or substituted item operates equivalent to the basis-of-design and properly fits in the space allocated for the basis-of-design.</li> </ul>	69.	Maintain a current set of as-built record drawings which shall be availal observations. Upon completion, provide record drawings to architect.
	b. Provide all features which are standard on the basis-of-design plus any specified options.	70	change orders, alterations, re-routings, etc.
	c. Be responsible for assuring that piping, conduit, duct, flue, and other service locations for equivalents or substitutions do not cause access, service, or operational difficulties any greater that would be encountered with the basis-of-	70. 71.	All buried conductors shall be in raceways. All buried electrical raceways and components shall be Schedule 80 P <sup>1</sup>
05	design.	72.	All exposed outdoor raceways shall be RMC with metallic weathertight
25. 26.	Work shall be performed in a workmanlike manner to the satisfaction of the architect, owner, and engineer. Materials and/or equipment not scheduled on plans shall be identified by the subcontractor with sufficient time to allow	73. 74.	All buried raceways shall be at least 18" below grade. Comply with NEC Comply with serving utility requirements for clearances between buried
20.	selection, purchase, and delivery to maintain construction schedule.		soil requirements. Notify engineer of any conflicts prior to starting trend
27.	All work of all trades shall meet or exceed the minimum materials, means and methods requirements of the 2022 Title 24 California Building Code Series, National Electrical Code, most current NFPA, all local ordinances and amendments and	75. 76.	Coordinate with Site Contractor and GC for delineations of all work. Prior to rough electrical inspections, Contractor shall complete and pro
	manufacturer's installation recommendations. Perform diligent review of these requirements prior to bidding. If a conflict	70.	Installation (NRCI).
	between these publications and/or the construction documents exists, the most expensive requirement shall be included in base bid, and a written request for clarification shall be submitted.	77.	Prior to final electrical inspections and/or final payment application, Con applicable Title 24 Certificates of Acceptance (NRCA). Provide Accept
28.	Pay for and secure all required permits and inspections. Coordinate with GC. Provide all documentation to owner at project		
20	completion, prior to final pay application. All materials and/or equipment shall be new, and shall be handled and installed per manufacturer's specifications and		
29.	recommendations.		
30.	See architectural reflected ceiling plans for all ceiling penetrations, light fixtures and air device locations. Do not scale		
31.	electrical drawings. Where dimensions do not exist, coordinate with architect and/or interior designer. See architectural floor plans for flooring materials; provide penetrations compatible with floor assemblies.		
32.	Coordinate and overlay civil, architectural, structural, mechanical, fire protection, electrical, landscaping, and interior design		
33.	drawings prior to installation. Provide equipment to match electrical voltages, phase, breakers, controls, and capacities scheduled and/or available, prior		
	to procurement. Any deviation is considered a substitution subject to fees and terms above.		
34.	Field-verify exact locations of existing and new aboveground and underground utilities, piping, and raceway systems prior to trenching. Notify engineer immediately upon discovery of any discrepancy from the plans.		
35.	Provide necessary trenching, backfill, excavation, supports, sawcutting and patching, concrete/paving, etc., as required.		
36.	Backfill trenches in 6" layers and to 90% compaction and patch to match grade. Submittals:		
00.	a. Number of copies: per Division 01, or 5 copies if not specified. Alternate: PDF.		
	b. Submit all mechanical shop drawings and product data at one time. Submittals shall each be bound and indexed according to major system/type: Power, lighting, controls, communications, data, fire alarm, etc. Partial submittals		
	will be rejected. Submittals shall include, but not be limited to: raceways, boxes, fittings, pull strings, conductors,		

will be rejected. Submittals shall include, but not be limited to: raceways, boxes, fittings, pull strings, conductors, transformers, panels, switchgear, metering, controls, communications, and fire alarm. Failure to submit, order, or release order for materials and/or equipment will not be accepted as a reason to substitute materials, equipment, or installation methods.

d. Submit record documents (as-builts) to architect. Documents shall include all addenda, instructions, directives, approved change orders, alterations, re-routings, etc.

orkmanship. Labor warranty shall be for a period nd material warranties shall be the full duration of wner at project completion, prior to final pay ance. Defects shall be promptly remedied without ole purpose of reviewing progress and quality of

design services. Observation is not intended to work but rather to allow SPE to become generally e work is proceeding in accordance with the d work, construction means, methods, techniques, the Contractor's safety precautions or programs, failure to perform work in accordance with the eration prior to acceptance by the owner.

ture, beams, columns and equipment. Record and F in "accessible" areas, 54" AFF in other areas. ordinate location and type/trim with wall finish. exterior walls. Notify engineer of any conflicts

ectrical equipment, in addition to any structural /here a 4" high equipment pad causes the provide the maximum pad height that will allow the shall not be less than 2". Contractor shall provide nd additional requirements. Provide power,

m all code required tests or systems. If tests of no additional cost to owner. ntractor shall include in his bid costs required to r – in writing. Work which could result in an the owner's maintenance personnel advised of uipment will not be accepted as a reason to

econnected to new or existing switchboards, ire, etc. As required, to restore continuity of ce only. The electrical contractor shall field check lowance for removal and/or relocation of existing

on the plans or as required to coordinate and adapt כ rough-in. switches, controls, receptacles, telecomm outlets, emodeled areas.

endations. Any deviations shall be brought to the cturer's approved wiring diagrams, details, and terials and equipment compatible with equipment amaged due to incorrect field wiring provided under or other recognized testing facility.

s for light switches, and 20 amperes for duplex directed by architect. shall be malleable iron or steel. Connectors shall NEC for maximum number of conductors per shall be limited to eliminate the need to de-rate qual, and shall be identified at all junction, pull and e intended use of conduit origination, and

es indicated are for installation in a maximum 30 higher ambient installations. Seal Tite Flex and approved fittings. Do not equipment. black text) with the load description from the panel eakers may use an accurate panel schedule in lieu

lentify the controlled receptacle. or rendering index (CRI) of 80 or higher. ng, appearance, quality, lifetime, reliability, or

k is defective, contractor shall make corrections nship which may occur under normal usage for a ptly remedied without cost to the owner. eration. Lights, switches, receptacles, motors, etc. ailable for review during engineer's site t. Drawings shall include all addendum items,

0 PVC NMC, solvent welded fittings and sweeps. ght boxes, mechanical fittings and sweeps. NEC Table 300.5 for trench depth requirements. ried items, joint trench limitations, and undisturbed enching. provide all applicable Title 24 Certificates of

Contractor shall complete and provide all eptance Test Technician services in base bid.

# ELECTRICAL INSTALLATION NOTES

1. All cabling shall be EMT or MC. See specifications. 2. All exposed pipes, ducts and materials shall be metallic or shall be suitably wrapped to meet applicable flame spread requirements. No exposed

plastic pipe, insulation, duct or wiring is allowed. 3. All materials shall be UL Listed for the application. 4. All transformers and devices that connect to any system with more than 50

Volts shall be UL Listed. 5. Floor-mounted equipment shall be on concrete housekeeping pads. 6. Conduits and boxes shall be located and adjusted to accommodate structure, piping, and duct systems. Coordinate with GC and all other

trades prior to all installations.

- DOCUMENT OWNERSHIP AND USE 1. These plans and specifications are professional Instruments of Service
- (Original Work) and shall remain the Intellectual Property of Sugarpine Engineering, Inc. (SPE) whether or not the project is executed.
- 2. No changes, alterations, additions, or deletions shall be made without the express written consent of SPE.
- 3. Instruments of Service shall not be used or reproduced, in whole or in part, by anyone for other projects, for additions to this project, or for completion of this project by others, without the express written consent of SPE.
- 4. Submission or distribution to meet regulatory requirements, or for other purposes in connection with this project, shall not to be construed as

# publication in derogation of the rights of Sugarpine Engineering, Inc. **GENERAL NOTES**

### 1. See specifications for additional information. 2. These plans intend to describe only Electrical parts of the work, shown as thick lines, and as noted. They do not intend to describe or convey information about any other work or parts of the project. Other work is shown for reference only as thin & light lines. Refer to applicable civil,

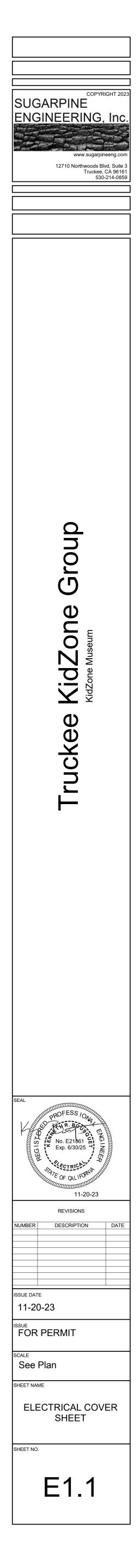
- architectural, structural, mechanical, etc (Other Divisions) for designs and information related to those other items or systems. 3. All products and systems shall be installed to comply with their UL listings.
- 4. All control wiring shall be in metallic (EMT) raceways. Raceways by EC, wiring by MC. EC responsible to coordinate this requirement to the MC
- and GC for base bid. 5. All empty conduits shall be provided with a pull string listed for the application.
- 6. All standalone, factory, and equipment-provided controls are considered part of the controls system for the project. Each device shall have its programming and settings adjusted by the Controls Contractor, and shall be integrated with the building's overall controls, if applicable. See control sequences for more information.
- 7. Contractor shall be responsible for unauthorized deviations from the designs and information indicated in these plans and specifications, and shall request approval from SPE in writing before any deviation is made. Lack of SPE's approval shall result in the Contractor assuming responsibility as the designer-of-record for the deviation and its related
- impacts. 8. Contractor shall include Acceptance Test Technician services in base bid. 9. Project Altitude: 6,000'.

# LIGHTING FIXTURE SYMBOLS

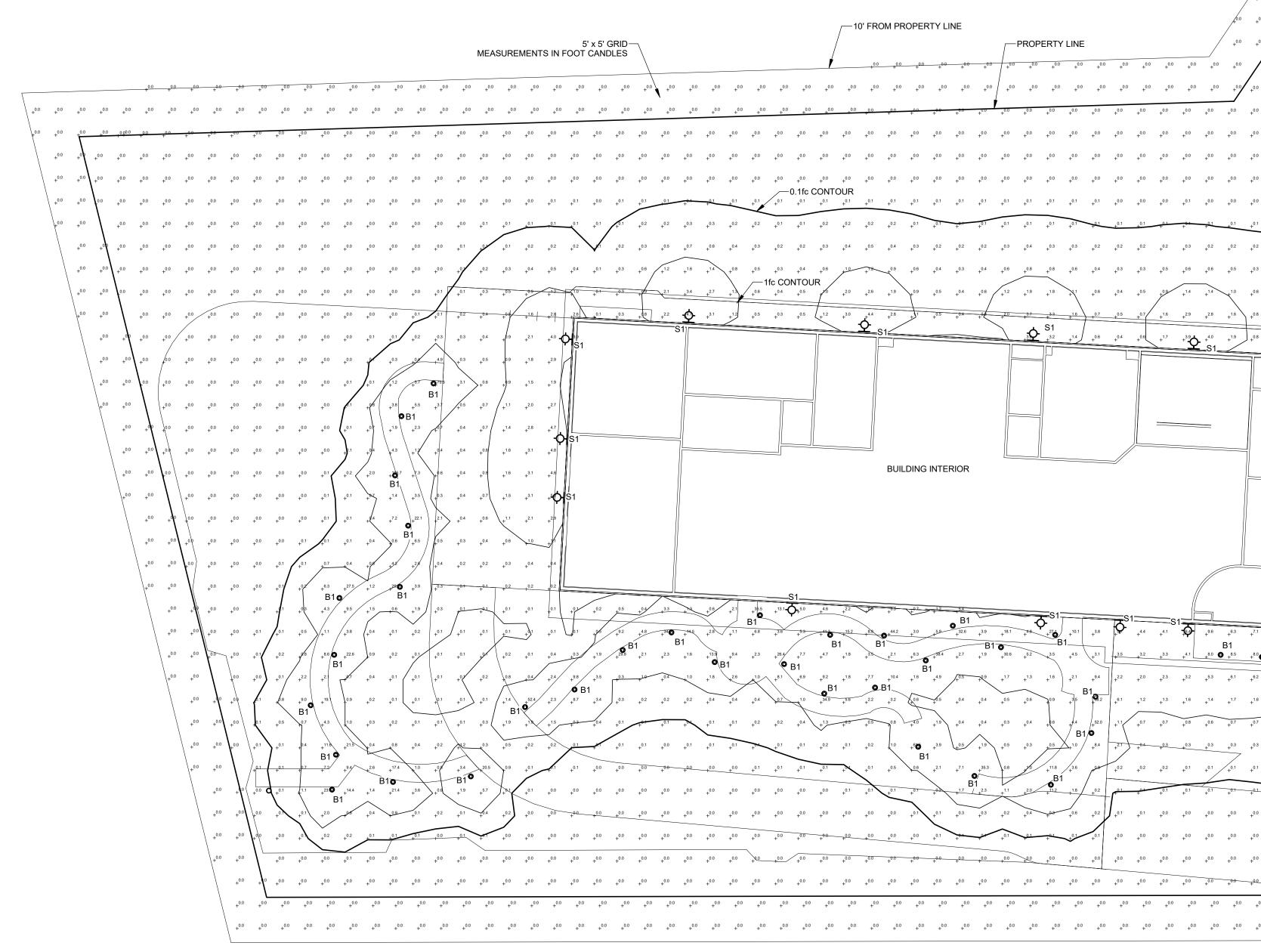
0	RECESSED LIGHTING FIXTURE
$\widehat{\bigcirc}$	DIRECTIONAL/ADJUSTABLE RECESSED LIGHTING FIXTURE
X	SURFACE MOUNTED LIGHT
$\square$	SPOT LIGHT
$\oplus$	PENDANT MOUNTED LIGHT
<u>Q</u>	WALL MOUNTED LIGHT
9	WALL MOUNTED UP-LIGHT
$\triangleright$	MONO-POINT LIGHTING FIXTURE
Ъ	RECESSED STEP LIGHT
$\vdash \bigcirc \dashv$	FLUORESCENT OR LED STRIP LIGHT
<u> </u>	WALL MOUNTED LINEAR FLUORESCENT OR LED LIGHT
	RECESSED OR SURFACE FLUORESCENT OR LED TROFFER
Ø	FIXTURE WITH EMERGENCY BACKUP OR ON EM CIRCUIT
\$€	CEILING MOUNTED EXIT SIGN WITH FACES & ARROWS AS SHOWN
	WALL MOUNTED EXIT SIGN WITH FACES & ARROWS AS SHOWN
	EMERGENCY LIGHTS
	EXTERIOR POLE MOUNTED LIGHT
Ø	EXTERIOR POST (BOLLARD) MOUNTED LIGHT
	LIGHTING CONTROL SYMBOLS
S	SWITCH
S.	

s <sub>3</sub>	THREE-WAY SWITCH
s <sub>4</sub>	FOUR WAY SWITCH
sj	DOOR JAMB SWITCH
s <sub>T</sub>	THERMAL OVERLOAD SWITCH
s <sub>v</sub>	VARIABLE SPEED SWITCH
s <sub>K</sub>	KEY SWITCH SWITCH
D	DIMMER
D <sup>3</sup>	THREE-WAY DIMMER
LV	LOW VOLTAGE
s	WALL OCCUPANCY SENSOR/SWITCH
OC	SMALL ROOM OCCUPANCY SENSOR
	LARGE ROOM OCCUPANCY SENSOR
	CORRIDOR OCCUPANCY SENSOR
DL	DAYLIGHT PHOTO SENSOR

# ABBREVIATIONS AFC - ABOVE FINISHED CEILING AFF - ABOVE FINISHED FLOOR AFG - ABOVE FINISHED GRADE AHJ - AUTHORITY HAVING JURISDICTION ALUMINUM AI -AP - ACCESS POINT AWG - AMERICAN WIRE GUIDE BFG - BELOW FINISHED GRADE BMS - BUILDING MANAGEMENT SYSTEM C - CONDUIT CATV - COMMUNITY (CABLE) ANTENNA TELEVISION SYSTEM CCTV - CLOSED CIRCUIT TELEVISION CKT - CIRCUIT CPU - CENTRAL PROCESSING UNIT CT - CURRENT TRANSFORMER DISP - GARBAGE DISPOSAL DW - DISHWASHER EM - EMERGENCY EWC - ELECTRIC WATER COOLER (E) - EXISTING FA - FIRE ALARM FACP - FIRE ALARM CONTROL PANEL FBO - FURNISHED BY OTHERS GC - GENERAL CONTRACTOR GFI - GROUND FAULT CIRCUIT INTERRUPTER GRD - GROUND IAW - IN ACCORDANCE WITH IC - INTERMEDIATE CROSS-CONNECT IDF - INTERMEDIATE DISTRIBUTION FRAME IG - ISOLATED GROUND IR - INFARED LAN - LOCAL AREA NETWORK MDF - MAIN DISTRIBUTION FRAME NIC - NOT IN CONTRACT NL - NIGHT LIGHT NTS - NOT TO SCALE PA - PUBLIC ADDRESS OC - ON CENTER REF - REFRIGERATOR TTB - TELEVISION TERMINAL BOARD TVSS - TRANSIENT VOLTAGE SURGE SUPPRESSOR UG - UNDERGROUND UNO - UNLESS NOTED OTHERWISE V - VOLT W - WATT WAN - WIDE AREA NETWORK WLAN - WIRELESS LOCAL AREA NETWORK WP - WEATHER PROOF XP - EXPLOSION PROOF +18" - MOUNTING HEIGHT TO CENTERLINE OF DEVICE ABOVE FINISHED FLOOR IN THIS VIEW \_\_\_\_\_ BELOW OR BEHIND $\Theta$ SECTION CUT

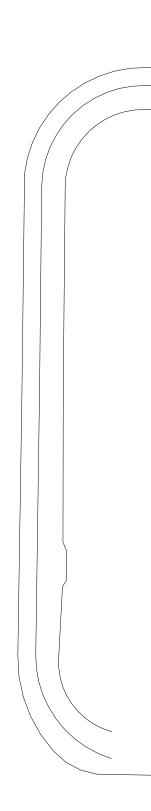


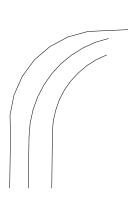
MARK	TYPE	MFR	MODEL	MOUNTING	LAMP TYPE	ACCESSORIES	REMARKS	LUMNES	VOLT AMPS	VOLTS
B1	BOLLARD	HINKLEY	15288BK	BOLLARD	HIGH EFFICACY LED		CONTROL BY ASTRONOMIC TIME SWITCH. MOTION SENSING NOT REQUIRED PER EXCEPTION 1 TO SECTION 130.2(c)3.	2800	28	120
A1	AREA	LITHONIA	RSX1 LED P2 30K R4 MVOLT SPA HS	POLE	HIGH EFFICACY LED	POLE MOUNTING KIT TO MATCH POLE. HOUSE SIDE SHIELD	CONTROL BY ASTRONOMIC TIME SWITCH. MOTION SENSING CONTROL REQUIRED. MOUNT FIXTURE HEAD AT 16' ABOVE PARKING LOT SURFACE	9077	73	120
S1	SCONCE	ATLANTIS	1645SK-LL	WALL	HIGH EFFICACY LED		CONTROL BY ASTRONOMIC TIME SWITCH. MOTION SENSING NOT REQUIRED PER EXCEPTION 1 TO SECTION 130.2(c)3.	1100	12	120
MANUFA	CTURERS: LI	THONIA, JUNO,	COOPER, PHILIPS, RAB, WAC							



EXTERIOR PHOTOMETRIC ANALYSIS 1/16" = 1'-0"

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			+0.	0 + <sup>0.0</sup>		+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	0 + <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	+0.0	+0.0	+0.0
		/	+0.	° + <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>	+0.0	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	+	+	0.00.0	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	+0.0	+ <sup>0.0</sup>	0 + <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
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	+0.0 +0.0	+0.0 +0	0 + <sup>0.0</sup>	+0.0	+0.0	+0.0	+0.0	+ <sup>0.1</sup>	+0.1	0.1	+0.1	+0.1	+0.1	+ <sup>0.1</sup>	+ <sup>0.1</sup>		+0.1	+ <sup>0.1</sup>	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+ <sup>0.0</sup>
+0.0 +	+0.0 \$0.0	+ <sup>0.0</sup> + <sup>0</sup>	<sup>0</sup> + <sup>0.0</sup>	+0.0	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.1	+0.2	+0.2	+0.2	+0.1	+0.1	+0.1	+0.2	+ <sup>0.2</sup>	+0.2	¥0.1	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>
+ <sup>0.0</sup> + <sup>0.0</sup>	0 <sub>+</sub> 0.0	+ <sup>0.0</sup> + <sup>0</sup>	<sup>0</sup> + <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>	+00	T+00	+02	+0.3	)	+ <sup>0.3</sup>	+ <sup>0.2</sup>	+ <sup>0.2</sup>	+ <sup>0.2</sup>	+0.3	+03	+03	-+ <sup>0.2</sup>	+00	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
0.0 + <sup>0.0</sup> + <sup>0.0</sup>	.0 +0.0	+ <sup>0.0</sup> + <sup>0</sup>	° + <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+	+ <sup>0.3</sup>	+ <sup>0.5</sup>	+ <sup>0.5</sup>	+ <sup>0.5</sup>	+0.5	+ <sup>0.4</sup>	+ <sup>0.5</sup>	+ <sup>0.5</sup>	+ <sup>0.5</sup>	+ <sup>0.5</sup>	+ <sup>0.3</sup>	+0.1	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
0.0 +0.0 +0.0	.0 +0.0	+ <sup>0.0</sup> + <sup>0</sup>	<sup>0</sup> + <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.1</sup>	<b>1</b> .1	+ <sup>0.4</sup>	+0.9	+0.9	+ <sup>0.9</sup>	+ <sup>0.8</sup>	+ <sup>0.8</sup>	+0.8	+0.9	+0.9	+0.9	+ <sup>0.4</sup>		+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
+0.0 +0.0		+0.0 +0	+	+ <sup>0.0</sup>	+ <sup>0.1</sup>	+0.1		+0.7	+ <sup>1.4</sup>	+ <sup>1.4</sup>	+ <sup>1.4</sup>	+1.2		+ <sup>1.2</sup>	+ <sup>1.4</sup>	+ <sup>1.4</sup>	+1.4	+0.7	+0.1	+0.1	+ <sup>0.1</sup>	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	+0.0
+ <sup>0.0</sup> + <sup>0.0</sup>		+ <sup>0.0</sup> + <sup>0</sup>		+ <sup>0.0</sup>	+0.1	+ <sup>0.1</sup> + <sup>0.2</sup>	+ <sup>0.2</sup>	+ <sup>1.2</sup> + <sup>1.7</sup>	+ <sup>2.0</sup> + <sup>2.6</sup>	+ <sup>2.0</sup> + <sup>2.6</sup>	+ <sup>1.9</sup>	+ <sup>1.6</sup> + <sup>1.8</sup>	+ <sup>1.4</sup>	+ <sup>1.6</sup> + <sup>1.8</sup>	+ <sup>1.9</sup>	+ <sup>2.0</sup>	+ <sup>2.0</sup> + <sup>2.6</sup>	+1.1	+ <sup>0</sup> <sup>2</sup> + <sup>0</sup> <sup>3</sup>	+ <sup>0.1</sup>	+0.1	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0.0</sup>
+ +		+ + + <sup>0.0</sup> + <sup>0</sup>		+	+ + + 0.2	+ + <sup>0.4</sup>	+	+	+	+	2.5	+		++++	2.5	+	+	+	+	+ + <sup>0.4</sup>	+	+	+ + <sup>0.0</sup>	+	+	+0.0
+0.0 +0.0	.0 + <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0</sup>	<sup>0</sup> + <sup>0.1</sup>	- <b>1</b> 0.1	+0.3	+ <sup>0.6</sup>	1.1	+ <sup>3.2</sup>	+4.1	+3.7	+3.0	+ <sup>2.3</sup>	+ <sup>1.8</sup>	+2.3	+3.0	+ <sup>3.7</sup>	+4.1	+ <sup>3.0</sup>	10	+0.6	+ <sup>0.3</sup>	+0.1	+0.1	+0.0	+0.0	+ <sup>0.0</sup>
+0.0 +0.0	.0 + <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0</sup>	<sup>1</sup> + <sup>0.1</sup>	+0.1	+0.5	f.0	+1.7	+ <sup>4.3</sup>	+ <sup>5.2</sup>	+ <sup>4.5</sup>	3.5	+ <sup>2.6</sup>	+ <sup>1.9</sup>	+ <sup>2.6</sup>	+ <sup>3.5</sup>	+ <sup>4.6</sup>	+ <sup>5.3</sup>	+4.1	+117	+1.0	+ <sup>0.4</sup>	+	+0.1	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
+0.0 +0.0	.0 +0.0	+ <sup>0.1</sup> + <sup>0</sup>	1 +0.1	+ <sup>0.1</sup>	+ <sup>0.6</sup>	(+ <sup>1.3</sup> ©	- <b>O</b> A	<del>49</del> 1	+60	<u></u>	3.7	+ <sup>2.6</sup>	+ <sup>1.9</sup>	+ <sup>2.7</sup>	+ <sup>3.8</sup> ■	- <u>51</u> +	+60	+4.7 A1		+1.2	+ <sup>0.5</sup>	+0.1	+0.1	+ <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>
+ <sup>0.1</sup> + <sup>0.1</sup>	.1 0.1 +	+0.1 +0	1 + <sup>0.1</sup>	+ <sup>0.2</sup>	+0.5	+1.2	+2.0	+4.7	+ <sup>5.7</sup>	+ <sup>4.9</sup>	3.6	+2.7	+ <sup>2.0</sup>	+2.7	+ <sup>3.7</sup>	+ <sup>5.0</sup>	+ <sup>5.7</sup>	+4.5	+20	+111	+ <sup>0.5</sup>	+0.1	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
+ <sup>0.2</sup> + <sup>0.2</sup>	<sup>2</sup> + <sup>0.2</sup>	+ <sup>0.2</sup> + <sup>0</sup>	<sup>2</sup> + <sup>0.2</sup>	+ <sup>0.2</sup>	+ <sup>0.4</sup>	+0.8	+ <sup>1.4</sup>	+ <sup>3.8</sup>	+4.7	+4.1	3.2	+ <sup>2.5</sup>	+ <sup>1.9</sup>	+ <sup>2.5</sup>	+3.3	+ <sup>4.2</sup>	+4.7	+ <sup>3.6</sup>	+13	+0.8	+ <sup>0.4</sup>		+0.1	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
+0.3 +0.3	3 + <sup>0.4</sup>	+0.5 +0	<sup>4</sup> + <sup>0.4</sup>	+ <sup>0.3</sup>	+0.4	+ <sup>0.6</sup>	+0.8	+ <sup>2.7</sup>	+ <sup>3.8</sup>	+ <sup>3.4</sup>	2.9	+2.3	+ <sup>1.9</sup>	+2.3	2.9	+ <sup>3.4</sup>	+ <sup>3.8</sup>	+ <sup>2.6</sup>		+ <sup>0.5</sup>	+ <sup>0.2</sup>	+0.1	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
+ <sup>0.4</sup> + <sup>0.5</sup> + <sup>0.6</sup> + <sup>0.6</sup>	<sup>5</sup> + <sup>0.8</sup>	+ <sup>2.3</sup> + <sup>2</sup>	+	+ <sup>0.4</sup>	+0.3	+ <sup>0.4</sup>	+0.4	+ <sup>2.2</sup> + <sup>1.7</sup>	+ <sup>3.2</sup> + <sup>2.9</sup>	+ <sup>3.1</sup> + <sup>2.9</sup>	2.7	+ <sup>2.2</sup>	+ <sup>1.9</sup>	+ <sup>2.2</sup> + <sup>2.3</sup>	2.7	+ <sup>3.1</sup> + <sup>2.9</sup>	+ <sup>3.2</sup> + <sup>2.9</sup>	+ <sup>2.1</sup>	+015	+ <sup>0.3</sup>	+ <sup>0.2</sup>	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0.0</sup>
+ +	9 + 2.2	+ +	· \	+	+ 	+	+	++++1.4	+	+	2.6	+	+	+	2.6	+	+	+	+	+	+ +g_1	+ + <sup>0.1</sup>	+	+	+	+
		+ <sup>4.1</sup> + <sup>3</sup> ◆ S1	+0.6	0.4		+ <sup>0.2</sup>	+0.3	+ <sup>1.4</sup>	+2.7	+2.8	+2.6	+ <sup>2.3</sup>	+ <sup>2.0</sup>	+ <sup>2.4</sup>	+2.6	+2.8	+2.7	+ <sup>1.3</sup>	+03	+0.2	+0.1	+ <sup>0.1</sup>	+0.0	+0.0	+0.0	+0.0
				<u>0.1</u>	0.1	+ <sup>0.2</sup>	+0.3	+ <sup>1.7</sup>	+ <sup>2.9</sup>	+ <sup>2.9</sup>	2.7	+ <sup>2.3</sup>	+ <sup>2.0</sup>	+2.3	+ <sup>2.7</sup>	+2.9	+ <sup>2.9</sup>	+1.6	+0.3	+0.2	+0.1	+ <sup>0.1</sup>	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
			+0.1	10.1	0.2	+0.3	+0.5	+ <sup>2.2</sup>	+ <sup>3.2</sup>	+ <sup>3.1</sup>	2.7	+2.2	+ <sup>1.9</sup>	+2.2	+2.7	+ <sup>3.1</sup>	+ <sup>3.2</sup>	+2.1	+015	+ <sup>0.3</sup>	+ <sup>0.2</sup>	+0.1	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
		t₀ t	1 +0.1	+ <sup>0.1</sup>	+0.3	+ <sup>0.5</sup>	#8	+2.7	+ <sup>3.7</sup>	+ <sup>3.4</sup>	+2.9	+2.3	+ <sup>1.9</sup>	+2.3	+2.9	+ <sup>3.4</sup>	+ <sup>3.7</sup>	+ <sup>2.6</sup>		+ <sup>0.5</sup>	+ <sup>0.2</sup>	+ <sup>0.1</sup>	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>
		+0	+	+ <sup>0.2</sup>	+ <sup>0.5</sup>	+ <sup>0.9</sup>	+ <sup>1.4</sup>	+ <sup>3.8</sup>	+ <sup>4.6</sup>	+ <sup>4.1</sup>	+3.2	+ <sup>2.5</sup>	+ <sup>1.9</sup>	+ <sup>2.5</sup>	+3.3	+4.1	+ <sup>4.6</sup>	+ <sup>3.5</sup>	+13	+0.8	+ <sup>0.4</sup>	40.1	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
		+0	3 + <sup>0.4</sup>	+0.4	+0.7	+ <sup>1.3</sup>	+ <sup>22</sup> A	<sup>48</sup> 1	<u>5.7</u>	4.9 +	3.7	+2.7	+2.0	+2.7	3.7	+4.9	+5.7	+ <sup>4.4</sup> A1	+20	+)1(	) + <sup>0.5</sup>	+0.1	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>
		+0	6 + <sup>2.0</sup>	+0.7	+93	+ <sup>2.2</sup>	±2.3	+ <sup>4.7</sup>	+ <sup>5.4</sup>	+ <sup>4.6</sup>	3.5	+ <sup>2.7</sup>	+ <sup>1.9</sup>	+ <sup>2.7</sup>	3.5	+4.6	+	+4.2	117	+1.2	+ <sup>0.3</sup>	+0.1	+ <sup>0.1</sup>	+0.0	+ <sup>0.0</sup>	+0.0
		+3	·	+ <sup>7.3</sup>	+4.5	+ <sup>3.0</sup>	+2.0	+ <sup>3.5</sup>	+4.2	+ <sup>3.7</sup>	3.0	+2.3	+ <sup>1.8</sup>	+2.4	3.0	+ <sup>3.7</sup>	+4.2	+ <sup>3.1</sup>	+1	+ <sup>0.6</sup>	+0.3	0.1	+0.1	+0.0	+0.0	+0.0
		φ		+ <sup>8.2</sup>	+ <sup>7.5</sup>	+ <sup>1.8</sup>	+1.2	+2.6	+ <sup>3.4</sup>	+3.0	2.6	+ <sup>2.0</sup>	+ <sup>1.7</sup>	+2.1	+2.6	+ <sup>3.0</sup>	+ <sup>3.3</sup>	+2.2	+06	+0.4	+0.2	/+ <sup>0.1</sup>	+0.0	+ <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>
		S1 + <sup>3</sup>		+ <sup>5.6</sup>	+4.8	+ <sup>3.1</sup>	+ <sup>1.4</sup>	+ <sup>2.1</sup>	← + <sup>2.8</sup>	₽ + <sup>2.6</sup>	2.3	+ <sup>1.8</sup>	+ <sup>1.5</sup>	+ <sup>1.8</sup>	+2.3	+ <sup>2.6</sup>	+ <sup>2.6</sup>	+1.7	+03	+ <sup>0.2</sup>	+0.1	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
		+2	<sup>2</sup> + <sup>3.4</sup>	+ <sup>9.5</sup> B1	+ <sup>7.5</sup>	+ <sup>3.1</sup>	+ <sup>1.3</sup>	+ <sup>1.6</sup>	+2.2	+ <sup>2.1</sup>	19	+	+	+16	+1.9	20	+20	+11	+0.2	+0.1	+0.1	+ <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>	+0.0	+0.0
+ <sup>5.7</sup> + <sup>3.1</sup>	1 + <sup>5.9</sup> -	<b>∑</b> S1 ⁺		+ <sup>13.3</sup>	1	+ <sup>1.4</sup>	+0.6	<b>A</b> 0.9	+ <sup>1.5</sup>	+1.5	+1.4	+1.3	+1.1	+13	+1.4	1.5	+1.4	+0.7	+01	4.1	+ <sup>0.1</sup>	+ <sup>0.0</sup>	+0.0	+0.0	+0.0	±0.0
B1 + <sup>6.5</sup> + <sup>2.0</sup>				+3.2	+ <sup>3.6</sup>	+1.7	+0.7	+0.6	<u>\1.0</u>	1 <u>0</u>	+0.9	+0.9	+ <sup>0.8</sup>	+0.9	+	+0.0	+0.9	+04		+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
$+^{5.6}$ $+^{2.6}$ $+^{1.5}$ $+^{1.6}$	·	+ <sup>3.8</sup> + <sup>8</sup>		+ <sup>2.4</sup>	+ <sup>1.1</sup> + <sup>0.8</sup>	+0.9	+0.3	+0.3	+0.4	0 <u>6</u>	+0.5	+ <sup>0.5</sup>	+0.5	+0.5	+0.5	+ <sup>0.6</sup>	+ <sup>0.5</sup>	+ <sup>0.3</sup>	+0.1	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0.0</sup>
+++	8 _0.8	+ <sup>1.0</sup> + <sup>1</sup>		+ <sup>1.0</sup> + <sup>0.6</sup>	+ <sup>0.4</sup>	+0.3	+0.2	+0.0	+0.4	+ <sup>0.2</sup>	+0.2	+ <sup>0.1</sup>	+ <sup>0.1</sup>	+ <sup>0.1</sup>	+0.2	+ <sup>0.2</sup>	+ <sup>0.2</sup>	+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+ <sup>0.0</sup>
+0.3 +0.4	4 + <sup>0.4</sup>	+0.3 +0		+ <sup>0.3</sup>	,0.2 +		+0.1	+0.1	+0.1	+ <sup>0.1</sup>	+0.1	01	+0.1	+0.1	+0.1	0.1	+0.1	+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
+ <sup>0.1</sup> + <sup>0.2</sup>	<sup>2</sup> + <sup>0.2</sup>	+ <sup>0.1</sup> + <sup>0</sup>	1 0.1	+ <sup>0.1</sup>	+0.1		+0.1	+0.1	+ <sup>0.1</sup>	+0.1	+0.1	+ <sup>0.1</sup>	+0.1	*91	+0.1	+01	+0.1	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0		+0.0
+0.1 +0.1	+	+ <u>0.1</u> + <sup>0</sup>	+ 0.1	+0.1	+0.1	+ <sup>0.1</sup>	+0.1	+ <sup>0.1</sup>	+ <sup>0.1</sup>	+ <sup>0.1</sup>	+ <sup>0.1</sup>	×8.0	+0.0	+0.0	_0.0	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	+0.0	+ <sup>0.0</sup>	+0.0	- Con
+0.0 +0.1	.1 + <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0</sup>	° + <sup>0.0</sup>	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	0.0	+0.0	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
+0.0 +0.0	.0 +0.0	+ <sup>0.0</sup> + <sup>0</sup>	° + <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	+0.0	+0.0	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	+0.0	+0.0	 	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
+ <sup>0.0</sup> + <sup>0.0</sup>	0 + <sup>0.0</sup>	+ <sup>0.0</sup> + <sup>0</sup>	° + <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0	0.0	+0.0	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+ <sup>0.0</sup>	+0.0
0.0 0.0	+	+0.0 +0	0 + 0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
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### LIGHTING NOTES: 1. DO NOT SCALE ELECTRICAL DRAWINGS; ARCHITECTURAL PLANS SHALL GOVERN ALL DIMENSIONS AND FIXTURE LOCATIONS. FIXTURE LOCATIONS SHOWN HEREIN ARE SHOWN FOR REFERENCE ONLY AND ARE USED BY SPE TO DENOTE LIGHTING POWER CIRCUITING AND CONTROLS CIRCUITING. SPE SHALL HAVE NO RESPONSIBILITY FOR THE PHOTOMETRICS, COLOR RENDERING, APPEARANCE, QUALITY, LIFETIME, RELIABILITY, COMPLIANCE, OR PERFORMANCE OF LIGHTING FIXTURES SELECTED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING THE APPROPRIATE CONTROL DEVICES AND SENSORS SUCH THAT THE LIGHTING CONTROLS OPERATE IN ACCORDANCE WITH ALL RELEVANT CODES. PROVIDE ADDITIONAL OCCUPANCY SENSORS AS REQUIRED TO COVER 90% MIN. OF THE AREA SERVED BY THE LIGHTING IN A ROOM OR SPACE.

- THIS PLAN SHOWS LIGHTING CONTROL DEVICE LOCATIONS AND POWER CIRCUITS SERVING THE LIGHTING CONTROL SYSTEM. CONTROL AND POWER WIRING BETWEEN THE LIGHTING CONTROL SYSTEM AND THE LIGHTING FIXTURES SHALL BE DESIGN-BUILD BY THE
- INSTALLING CONTRACTOR. ARCHITECTURAL AND LIGHTING DESIGNER PLANS SHALL GOVERN ALL ASPECTS OF LIGHTING FIXTURE LOCATIONS, MODELS & SCENES. REFER TO LIGHTING DESIGNER PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. PROVIDE POWER SPLICES AS NEEDED TO INTERFACE CIRCUITS WITH THE LIGHTING CONTROL SYSTEM POWER AND CONTROL MODULES. ALL CONTROL AND POWER WIRING SHALL BE INSTALLED IN LISTED METALLIC RACEWAYS. PROVIDE ALL CONTROLS PROGRAMMING, WHETHER ANALOG OR DIGITAL, TO ACHIEVE THE CONTROLS DESCRIBED HEREIN. CONTROLS PROGRAMMING INCLUDES, BUT IS NOT LIMITED TO, LIGHTING CONTROL PANEL PROGRAMMING, RELAY LOGIC, CONTACTOR/RELAY PANEL CONFIGURATION, DEVICE AND SENSOR CONFIGURATION, AND SWITCHING CONFIGURATION.
- SUGARPINE ENGINEERING IS AVAILABLE (FOR A FEE) TO ASSIST WITH THE CONTRACTOR'S PRODUCTION OF CONTROLS WIRING AND 5. COMPONENT DIAGRAMS, CONTROLS CONFIGURATIONS, SELECTION OF COMPONENTS, SHOP DRAWINGS, OR SIMILAR DETAILING. 6. ACCEPTANCE TESTING: FOR PROJECTS LOCATED IN THE STATE OF CALIFORNIA THAT ARE SUBJECT TO THE REQUIREMENTS OF THE CA ENERGY CODE, TITLE 24, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE LIGHTING CONTROLS TESTED AND APPROVED BY A STATE CERTIFIED ACCEPTANCE TEST TECHNICIAN. CONTRACTOR SHALL INCLUDE PROVISIONS FOR THE COST OF
- ACCEPTANCE TESTING IN THEIR BID. ACCEPTANCE TESTING IN THEIR BID. TO REDUCE THE QUANTITY OF REQUIRED PENETRATIONS IN THE CENTRAL FIRE SEPARATION, THIS PLAN INCLUDES TWO LIGHTING CONTROL PANELS, ONE FOR EACH SIDE OF THE BUILDING. THESE PANELS SHALL BE LINKED VIA A DATA CONNECTION, SUCH THAT CONTROL OF EACH PANEL IS ACCESSIBLE FROM EITHER PANEL. PROVIDE FIRE-PROOFING FOR ALL PENETRATIONS IN RATED 7
- ASSEMBLIES.

4.

- ASSEMBLIES.
   SUBMIT WITHIN 30 DAYS OF BID AWARD:

   SHOP DRAWINGS INDICATING ALL ITEMS, WIRING AND CONFIGURATIONS.
   PRODUCT DATA FOR ALL ITEMS.

   ALL LIGHTING & CONTROLS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE 2022 CA ENERGY CODE, TITLE 24.
   PROVIDE ASTRONOMIC TIME SWITCH FOR ALL OUTDOOR LIGHTING. COORDINATE WITH OWNER TO SET THE TIME BOUNDARIES OF OPERATION. OPERATION.
- PROVIDE MOTION SENSING CONTROLS AS INDICATED IN THE LIGHTING FIXTURE SCHEDULE. MOTION SENSOR CONTROLS SHALL AUTOMATICALLY DIM THE FIXTURE TO 50% WHEN NO MOTION IS DETECTED AND UP TO 100% WHEN MOTION IS DETECTED.



