GREYSTONE
WEST COMPANY
CONSTRUCTION MANAGEMENT

St. Helena Unified School District

St. Helena High School Modernization Project

Addendum No. 3

November 5, 2026

Owner:
St. Helena Unified School District
465 Main Street
St. Helena, CA. 94574

To: Prospective Bidders
The following changes, modifications and additions to project documents described below are made a part thereof and are subject to all of the requirements thereof as if originally specified. The submitter must acknowledge receipt of the Addendum in the space provided on the proposal form; failure to do so may subject the Submitter to disqualification.

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This addendum consists of thirty (30) pages, including attachments.

Item No. 1: Pre-Bid RFIs and Responses

1. Contractor Fee Calculation: Addendum 2: Attachment #1, Price Proposal asks Contractor to list percentages for Preconstruction Services Fee, Contractor Fee and Bonds & Insurance dollar figures Not to Exceed lump sum amounts. Please confirm if the actual project cost is larger than the estimated project cost than the Contractor's Total Fee Percentage including Preconstruction Services Fee, Contractor Fee and Bonds & Insurance will be applied to the actual project cost and not the Not to Exceed amount expressed as a dollar figure as a percentage of the estimated project cost?
    a. *The estimated actual project cost is not to exceed $4,500,000.*

2. Builders Risk Insurance: Addendum 2: Attachment #2, Section D, Item 4 states that Contractor's General Conditions Expenses are to include all bonds and insurance. Builders risk insurance is difficult to price until scope is determined. Please confirm if it is acceptable to defer Builders Risk insurance cost until after a General Contractor selection has been made by the District, and the project scope is finalized?
    a. *No, the requested deferral is not acceptable. The fee percentage for bonds and insurance provided on the price proposal shall include Builder's Risk insurance which, absent good cause, will be binding at the time of GMP finalization.*

3. Sexual Abuse and Molestation Liability Insurance: Please confirm if General Contractor is required to obtain sexual abuse and molestation liability insurance for this project?
    a. *No, sexual abuse and molestation liability insurance is not currently required for this project.*

4. Subsurface Utility Locating: It was noted at the job walk that existing utilities are present at areas through which added electrical conduits and conductors must be run to accommodate new HVAC units to be installed at Gym. Please confirm School District will perform ground penetrating radar (GPR) scanning to identify locations and mark existing utility services onsite?
    a. *Owner will perform initial GPR scanning to identify locations and mark existing utility services onsite. Contractor to perform additional utility locating as necessary as part of pre-construction services.*

5. Are there any drawings available?
    a. *See Attachment 1*

6. Part I, Section D, states, "General conditions and general requirements, including but not limited to temporary facilities, utilities, structures, fences, dust control, scheduling, safety, scaffolding, and SWPPP." In Attachment 1 - Cost Allocation Breakdown it states that Temporary Utilities (except telephone) and Dust Control are part of the Direct Cost of the Work.
    Please confirm the Attachment 1 matrix is correct.
    a. *See Attachment 2*
    Please confirm that scaffolding and any SWPPP requirements, including QSP/QSI services, shall also be included in the Direct Cost of the Work.
    b. *Confirmed*

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7. The revised Price Proposal, issued in Addendum 2, asks for the Respondent's Monthly General Conditions Fee to be multiplied by 3 months to determine the Total General Conditions Fee. Elsewhere in Addendum #2 is states that the construction duration is from June 7th, 2027 to August 10th, 2027, which is closer to 2 months. Please confirm that the Monthly General Conditions fee shall still be multiplied by 3 months in the Price Proposal form
    a. *The Monthly General Conditions Fee shall be multiplied by 3 months.*

   Please confirm that the awarded GC will use the Total General Conditions Fee in their GMP rather than the Monthly General Conditions Fee x Actual Project Duration
    b. *The Total General Conditions Fee in the GMP will be calculated by then Monthly General Conditions Fee x Actual Project Duration.*

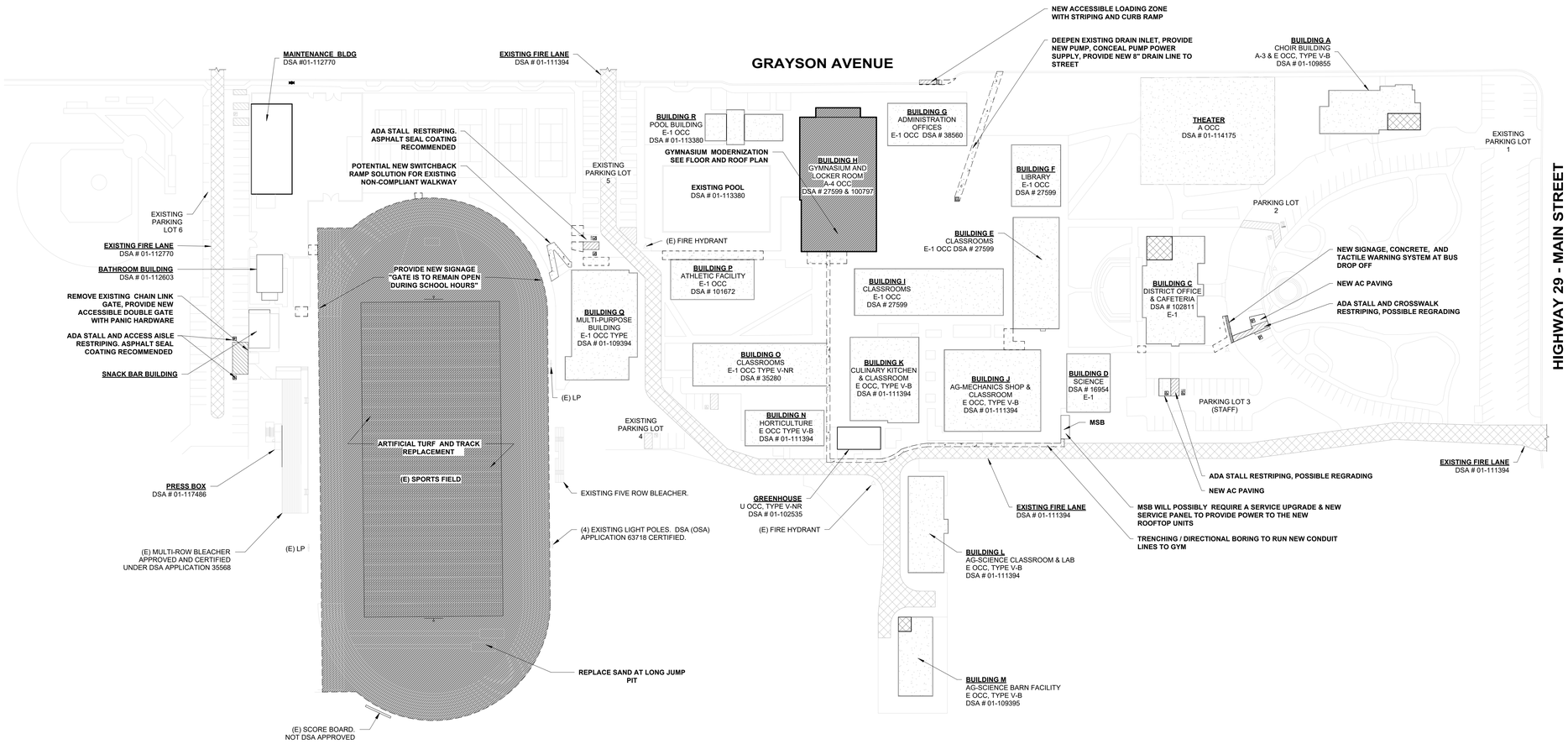
8. Price Proposal Form Clarification. We have a question regarding Item 3 of the Price Proposal form, specifically the Contractor's Total Fee Percentage for Preconstruction, Construction and Post Construction Services. Is the intent for proposers to add the Preconstruction Fee Percentage, Contractor Overhead & Profit Percentage, and Bonds & Insurance Percentage together, along with a calculated percentage equivalent of the five-month General Conditions Fee? In other words, should the Total General Conditions Fee be divided by the District's estimated project cost of $4,500,000 to establish an equivalent percentage, which would then be included in the Contractor's Total Fee Percentage? We want to ensure all proposers are calculating the overall percentage consistently, particularly since this figure is used in the best-value scoring.
    a. *The Contractor's Total Fee Percentage Proposal for the Project is the figure used in the best-value scoring.*

9. Proposal Page Count Clarification. The proposal requirements state that the proposal shall not exceed 30 single-sided pages in total length. Please clarify whether the cover page, section tabs, and attachments are excluded from the 30-page limit. All required forms total 25 pages as is, without required project reference pages and other required attachments.
    a. *The cover page, section tabs, and attachments are excluded from the 30-page limit.*

Attachments:

1. SD Drawings
2. Cost Allocation Breakdown

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0' 30' 60' 120'

SCALE: 1" = 60'

Site Plan

1" = 60'-0" | 1

SITE PLAN GENERAL NOTES

COURTYARD DRAINAGE IMPROVEMENTS

- DEEPEN THE EXISTING CATCH BASIN AND INSTALL A SECONDARY PUMP TO INCREASE DRAINAGE CAPACITY. UPGRADE THE ASSOCIATED ELECTRICAL CONNECTIONS TO ENSURE FULL CODE COMPLIANCE.
- REMOVE EXISTING NON-COMPLIANT DRINKING FOUNTAIN AND REPLACE WITH NEW HI-LO DRINKING FOUNTAIN

BUILDING H MECHANICAL IMPROVEMENTS

- (4) NEW 10-TON ROOFTOP UNITS LOCATED ON ROOF TO SERVE GYM AREA. EQUIPMENT SHOWN FOR PRELIMINARY BUDGETING PURPOSES ONLY. FINAL UNIT CAPACITY, QUANTITY, LOCATIONS, STRUCTURAL SUPPORT REQUIREMENTS, AND ELECTRICAL SERVICE REQUIREMENTS SHALL BE VERIFIED DURING DETAILED DESIGN.

SITE PLAN LEGEND

- PROPERTY LINE
- PROPERTY LINE - ASSUMED BETWEEN BUILDINGS
- PERIMETER CHAIN LINK FENCE - SEE FOR TYPE
- PERIMETER ORNAMENTAL FENCE - SEE FOR TYPE
- OUTLINE OF ROOF
- ACCESSIBLE PATH OF TRAVEL
- PORTION OF ACCESSIBLE PATH OF TRAVEL LEADING TO SDA
- 20' WIDE FIRE LANE
- LOCATION OF ACCESSIBLE RESTROOM
- ASPHALT - SEE CIVIL AND LANDSCAPE DRAWINGS
- PLANTING - SEE LANDSCAPE DRAWINGS
- PH PANIC HARDWARE
- FIRE HYDRANT - SEE CIVIL
- KB KNOX BOX

DSA APP. NO: xx-xxxxxx

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

REGISTERED ARCHITECT
BRENT S SOMMER
LIC. NO. C - 33581
EXP 01-31- 27
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

Issue Date

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 2026-022-000

Project Status - XX/XX/XXXX

No.	Description	Date

CAMPUS SITE PLAN

G3.1

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GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE, AND SHALL BE RESPONSIBLE FOR CONDITIONS OF ALL WORK AND MATERIALS, INCLUDING THOSE FURNISHED BY SUB-CONTRACTORS. HE WILL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF ANY DISCREPANCIES.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE CALTRANS STANDARD CONSTRUCTION SPECIFICATIONS, NAPA COUNTY IMPROVEMENT STANDARDS, AND TO THE APPLICABLE PROVISIONS OF THE CURRENT EDITION OF THE CALIFORNIA BUILDING CODE.
3. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES ON THIS SHEET.
4. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS AS REQUIRED.
5. NOTE REGARDING EARTHWORK: THIS SITE WAS DESIGNED TO CONFORM TO EXISTING CONDITIONS. ROBERTSON ERICKSON DOES NOT WARRANT OR GUARANTEE A BALANCED SITE. FACTORS AFFECTING A SITE BALANCE INCLUDE SOILS FACTOR (VOLUME CHANGE), TYPE AND EXTENT OF UTILITY TRENCHES, SUBGRADE DEPTHS, PAD GRADING, AND LANDSCAPE TREATMENTS. THE CONTRACTOR SHOULD MAKE HIS OWN ESTIMATES OF EARTH-WORK QUANTITIES AND RELY ON THEM. THE CONTRACTOR SHOULD ALSO MAKE PROVISIONS FOR AN IMBALANCE BY IDENTIFYING ON-SITE OR OFF-SITE DISPOSAL OR EXTRACTION SITES, AND BY PROVIDING REASONABLE CONTINGENCIES FOR PAYING FOR SUCH WORK.
6. ALL MATERIALS SPECIFIED ON THESE PLANS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
7. ROBERTSON ERICKSON, INC. WILL NOT PROVIDE ELECTRONIC FILES OR VERTICAL AND HORIZONTAL CONTROL POINTS TO BE USED IN PREPARATION OF "STAKING MODELS" OR FOR USE IN "GPS CONSTRUCTION STAKING" ACTIVITIES TO ANY INDIVIDUAL OR COMPANY WHO IS NOT LICENSED IN THE STATE OF CALIFORNIA TO PRACTICE CIVIL ENGINEERING AND/OR PROFESSIONAL LAND SURVEYING.
8. ALL REQUIRED FIRE HYDRANTS MUST BE IN PLACE AND USABLE BEFORE ANY COMBUSTIBLE CONSTRUCTION MATERIALS ARE BROUGHT ON TO THE SITE AND MUST REMAIN ACCESSIBLE AND USABLE BY THE FIRE DEPARTMENT AT ALL TIMES DURING CONSTRUCTION.

SITE CLEARING:

1. REMOVE SURFACE DEBRIS.
2. DEMOLISH AND REMOVE CONCRETE, PAVING, ETC. IN CONSTRUCTION AREA.
3. CLEAR NEW CONSTRUCTION AREA OF PLANT LIFE AND GRASS.
4. CONFORM TO APPLICABLE CODE FOR DISPOSAL OF DEBRIS.
5. COORDINATE CLEARING WORK WITH UTILITY COMPANIES.

PROTECTION:

1. PROTECT BENCH MARKS, EXISTING STRUCTURES, FENCES, ROADS, SIDEWALKS, PAVING, AND CURBS THAT ARE TO REMAIN.
2. PROTECT ABOVE OR BELOW GRADE UTILITIES WHICH ARE TO REMAIN.
3. PROTECT ALL LANDSCAPING AND TREES THAT ARE TO REMAIN.

PREPARATION:

1. IDENTIFY KNOWN BELOW GRADE UTILITIES. CALL UNDERGROUND SERVICES ALERT (U.S.A.) 48 HOURS BEFORE EXCAVATION. STAKE AND FLAG LOCATIONS. ROBERTSON ERICKSON WILL NOT ACCEPT RESPONSIBILITY FOR THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES.
2. IDENTIFY AND FLAG ABOVE GRADE UTILITIES.
3. MAINTAIN AND PROTECT EXISTING UTILITIES REMAINING WHICH PASS THROUGH WORK AREA.
4. UPON DISCOVERY OF UNKNOWN UTILITIES OR CONCEALED CONDITIONS, DISCONTINUE AFFECTED WORK; CONTACT ENGINEER AND OWNER.

PAVEMENT SECTIONS:

1. ASPHALT CONCRETE SHALL BE TYPE B (1/2"MAX) OVER CLASS 2 AGGREGATE BASE. ENGINEERED FILL/NATIVE SHALL BE COMPACTED TO 95% RELATIVE DENSITY (12" DEPTH).

ONSITE CONCRETE:

1. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE II OR II-LOW ALKALI. AGGREGATE FOR STONE CONCRETE SHALL CONFORM TO ASTM C 33, AND GRADE A PER THE CALIFORNIA BUILDING MAXIMUM AGGREGATE SIZE FOR FOOTINGS, SLABS-ON-GRADE AND MASS CONCRETE SHALL NOT EXCEED 1-1/2". MAXIMUM AGGREGATE SIZE FOR ALL OTHER CONCRETE SHALL NOT EXCEED 3/4".
2. CONTROL JOINT SPACING SHALL NOT EXCEED 8 FEET ON CENTER BOTH WAYS OR AS SHOWN ON THESE PLANS.
3. CONTROL JOINTS SHALL HAVE A DEPTH NOT LESS THAN 1/4 THE SLAB THICKNESS.
4. INSTALL EXPANSION (ISOLATION) JOINTS WHERE CONCRETE IS POURED AGAINST PERMANENT OBJECTS.
5. MINIMUM ULTIMATE COMPRESSIVE STRENGTH SHALL BE 2500 PSI @ 28 DAYS.
6. THE OUTSIDE DIAMETER (O.D.) OF CONDUIT OR PIPE PLACED IN THE PLANE OF A SLAB SHALL NOT EXCEED 30% OF SLAB THICKNESS UNLESS SPECIFICALLY DETAILED OTHERWISE AND SHALL BE LOCATED IN MIDDLE 1/3 OF SLAB. CLEAR SPACING BETWEEN ADJACENT CONDUITS OR PIPES SHALL BE TWICE THE LARGER O.D. MINIMUM, UNLESS OTHERWISE NOTED ON PLANS.
7. SIDEWALKS SHALL BE 4" THICK CONCRETE WITH CONTROL JOINTS AT 4' O.C MINIMUM OVER 2" LEVELING SAND OR CLASS II AB COMPACTED TO 95%. R.D.

SANITARY SEWER SYSTEM:

1. SANITARY SEWER PIPE SHALL BE A POLYVINYL CHLORIDE PIPE (PVC) SCHEDULE 40 IN ACCORDANCE WITH ASTM D1785 STANDARDS.
2. MANHOLES SHALL BE RATED FOR H-20 LOADING AS DETERMINED BY THE D.O.T.
3. WHERE A CONNECTION IS TO BE MADE TO AN EXISTING SEWER OR STORM DRAIN STRUCTURE, SAID EXISTING SEWER OR STORM DRAIN STRUCTURE SHALL BE UNCOVERED AND CHECKED FOR LOCATION AND ELEVATION PRIOR TO ORDERING MATERIALS AND, SUBMITTING CUT SHEETS TO THE ARCHITECT. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD INFORMATION SHALL BE REPORTED TO THE ARCHITECT AND CIVIL ENGINEER.

STORM DRAIN SYSTEM:

1. STORM DRAIN PIPES SHALL BE HDPE TYPE "S" OR AN APPROVED EQUIVALENT. PIPES SHALL BE RATED FOR H-20 LOADING AS DETERMINED BY THE DEPARTMENT OF TRANSPORTATION (D.O.T.).
2. AREA DRAINS SHALL BE COOK CONCRETE PRODUCTS OR AN APPROVED EQUIVALENT, AND RATED FOR H-20 LOADING AS DETERMINED BY THE D.O.T.

PRIVATE WATER MAIN SYSTEM NOTES:

1. DOMESTIC WATER MAINS 4" DIAMETER AND LARGER SHALL BE POLYVINYL CHLORIDE PIPE (PVC) AWWA C-900 CLASS 150. FIRE WATER MAINS SHALL BE POLYVINYL CHLORIDE PIPE (PVC) C-900 CLASS 200. WATER MAINS SMALLER THAN 4" DIAMETER SHALL BE PVC SCHEDULE 40 CONFORMING TO ASTM 1785.
2. MATERIALS
   - 2.1. POLYVINYL CHLORIDE PIPE (PVC) SHALL BE OF TYPE IN ACCORDANCE WITH AWWA C900 STANDARDS. 4" AND SMALLER SHALL BE SCHEDULE 40 CONFORMING TO ASTM 1785.
   - 2.2. DUCTILE IRON PIPE AND FITTINGS (D.I.) SHALL BE OF TYPE IN ACCORDANCE WITH AWWA C151. 4" AND SMALLER SHALL BE CLASS 51. 6" AND LARGER SHALL BE CLASS 50. PIPE AND FITTINGS SHALL BE FLANGED AND FLANGE GASKETS SHALL BE A 1/8" THICK RED RUBBER RING SUITABLE FOR USE WITH POTABLE WATER SYSTEMS.
3. IN AREAS WHERE THE WATER MAINS INTERSECT OTHER SERVICES, THE WATER MAINS SHALL BE INSTALLED SO THAT THE WATER MAINS CROSS ABOVE THE OTHER SERVICES. WHERE THE INTERSECTION OF THE WATER MAINS AND OTHER SERVICES CONFLICT, GRAVITY SYSTEMS SHALL HAVE CONTROL OVER PRESSURE SYSTEMS.
4. STANDARD MINIMUM COVER IS 30". IF MINIMUM COVER CANNOT BE PROVIDED AS SHOWN, CONTACT ENGINEER PRIOR TO BACK FILL.
5. ALL WATER MAIN LENGTHS ARE APPROXIMATE AND THE CONTRACTOR HAS THE RESPONSIBILITY TO VERIFY THE EXACT LENGTH OF ALL WATER MAINS AND THE LOCATIONS OF FITTINGS.
6. CONTRACTOR TO FURNISH ALL TEES, VALVES, ELBOWS, MECHANICAL JOINT RESTRAINTS & THRUST BLOCKS AS NECESSARY TO INSTALL THE WATER & FIRE SERVICE MAIN.
7. MECHANICAL JOINT RESTRAINTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & SPECIFICATIONS BY EBBA IRON INC. OR APPROVED EQUAL.

AIR QUALITY NOTES:

A. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY. THE FREQUENCY SHOULD BE BASED ON THE TYPE OF OPERATION, SOIL CONDITIONS, AND WIND EXPOSURE.

B. IF NECESSARY, APPLY CHEMICAL SOIL STABILIZERS TO INACTIVE CONSTRUCTION AREAS (DISTURBED AREAS THAT ARE UNUSED FOR AT LEAST FOUR CONSECUTIVE DAYS) TO CONTROL DUST EMISSIONS. DUST EMISSIONS SHOULD BE CONTROLLED AT THE SITE FOR BOTH ACTIVE AND INACTIVE CONSTRUCTION AREAS THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD, INCLUDING HOLIDAYS.

C. LIMIT VEHICLE SPEEDS TO 15 MPH ON UNPAVED ROADS.

D. SUSPEND LAND CLEARING, GRADING, EARTH MOVING, OR EXCAVATION ACTIVITIES WHEN WIND SPEEDS EXCEED 20 MPH.

E. IF APPLICABLE, APPLY NON-TOXIC BINDERS (E.G. LATEX ACRYLIC COPOLYMER) TO EXPOSED AREAS AFTER CUT AND FILL OPERATION AND HYDROSEED THE AREA

F. PLANT VEGETATIVE GROUND COVER IN DISTURBED AREAS AS SOON AS POSSIBLE.

G. COVER INACTIVE STORAGE AREAS.

H. CONTRACTOR SHALL CONSULT WITH THE NAPA COUNTY AIR QUALITY MANAGEMENT DISTRICT AND OBTAIN PERMITS AS NECESSARY.

I. SWEEP PAVED STREETS ADJACENT TO THE SITE WHERE VISIBLE SILT OR MUD DEPOSITS HAVE ACCUMULATED DUE TO CONSTRUCTION ACTIVITIES.

J. POST A PUBLICLY VISIBLE SIGN AT THE CONSTRUCTION SITE WITH THE NAME AND TELEPHONE NUMBER OF THE PERSON TO CONTACT REGARDING DUST COMPLAINTS. THIS PERSON SHALL RESPOND AND TAKE CORRECTIVE ACTION WITHIN 24 HOURS. THE TELEPHONE NUMBER OF THE NCAQMD SHALL ALSO BE VISIBLE TO ENSURE COMPLIANCE WITH NCAQMD RULES 200 AND 205 (NUISANCE AND FUGITIVE DUST EMISSIONS).

K. PRIOR TO FINAL OCCUPANCY, THE APPLICANT SHALL DEMONSTRATE THAT ALL GROUND SURFACES ARE TREATED SUFFICIENTLY TO MINIMIZE FUGITIVE DUST EMISSIONS. FUGITIVE DUST EMISSIONS ARE CONSIDERED DUST CLOUDS CAUSED BY WIND, TRAFFIC, OR OTHER DISTURBANCES TO EXPOSED GROUND SURFACES.

L. EXHAUST EMISSIONS WILL BE MINIMIZED BY MAINTAINING EQUIPMENT IN GOOD REPAIR AND PROPER TUNE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

M. IF CONSTRUCTION ACTIVITIES OCCUR DURING SMOG SEASON (MAY-OCTOBER), EQUIPMENT WILL NOT BE ALLOWED TO RUN IDLE FOR LONG PERIODS OF TIME.

N. EQUIPMENT SHALL BE KEPT IN PROPER TUNE, AND IDLING SHALL BE MINIMIZED.

CULTURAL RESOURCES:

IF ANY POTENTIAL ARCHAEOLOGICAL, CULTURAL, OR PALEONTOLOGICAL RESOURCES ARE ENCOUNTERED DURING CONSTRUCTION, ALL WORK SHALL CEASE WITHIN THE AREA OF THE FIND PENDING AN EXAMINATION OF THE SITE AND MATERIALS BY A PROFESSIONAL ARCHAEOLOGIST. THE ARCHAEOLOGIST WILL ASSESS THE SIGNIFICANCE OF THE FIND AND PREPARE APPROPRIATE MITIGATION MEASURES FOR REVIEW BY THE BUILDING AND DEVELOPMENT SERVICES DIRECTOR. ALL MITIGATION MEASURES DETERMINED BY THE BUILDING AND DEPARTMENT OF DEVELOPMENT SERVICES DIRECTOR TO BE APPROPRIATE FOR THIS PROJECT SHALL BE IMPLEMENTED PURSUANT TO THE TERMS OF THE ARCHAEOLOGIST'S REPORT.

NOISE MITIGATION MEASURES:

1. ALL HEAVY CONSTRUCTION EQUIPMENT AND ALL STATIONARY NOISE SOURCES (SUCH AS DIESEL GENERATORS) SHALL BE IN GOOD WORKING ORDER AND HAVE MANUFACTURER INSTALLED MUFFLERS.
2. LIMIT CONSTRUCTION ACTIVITIES TO THE HOURS BETWEEN 7AM AND 9PM DAILY, EXCEPT SUNDAYS AND HOLIDAYS. FOR SUNDAYS AND HOLIDAYS, LIMIT CONSTRUCTION ACTIVITIES TO THE HOURS BETWEEN 10AM AND 6PM.

SHORING & SAFETY NOTES:

THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE SHOWN, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKERS AND OTHER PERSONS DURING DEMOLITION AND CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO BRACING, SHORING, SCAFFOLDING, PLANKING, ETC. THE CONTRACTOR, AT HIS OWN EXPENSE SHALL ENGAGE PROPERLY QUALIFIED PERSONS TO DETERMINE WHERE AND HOW TEMPORARY PRECAUTIONARY MEASURES SHALL BE USED AND INSPECT SAME AT THE JOB SITE. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT OR ENGINEER SHALL NOT CONSTITUTE INSPECTION OF THE ABOVE ITEMS. THE ENGINEER IS NOT RESPONSIBLE FOR INSPECTION OR ACCEPTANCE OF WORKMANSHIP OR MATERIALS ON THIS PROJECT.

HAZARD IDENTIFICATION:

CONTRACTORS ARE HEREBY ADVISED THAT THEY MAY BE EXPOSED TO HAZARDOUS CONDITIONS WHEN INSTALLING OR MODIFYING SANITARY SEWER PIPELINES AND STRUCTURES. SOME OF THESE HAZARDS INCLUDE BUT ARE NOT LIMITED TO: EXPOSURE TO HAZARDOUS GASSES; OXYGEN DEFICIENT ENVIRONMENTS; SYSTEMS SUCH AS HYDROGEN SULFIDE, CARBON DIOXIDE, METHANE, AND OTHER FLAMMABLE OR EXPLOSIVE GASSES; EXPOSURE TO SEWAGE WHICH MAY CONTAIN BACTERIOLOGICAL, CHEMICAL, AND OTHER CONSTITUENTS HARMFUL TO HUMANS; AND EXPOSURE TO AREAS WHICH HAVE LIMITED OR RESTRICTED ACCESS AND EGRESS, WHICH MAY BE CONSIDERED PERMITTED CONFINED SPACES BY STATE AND FEDERAL OSHA REQUIREMENTS.

ADDITIONAL NOTES:

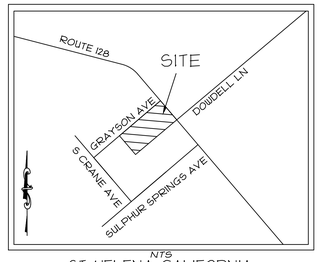
1. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL. COORDINATE ALL ROADWAY/PEDESTRIAN SHUTDOWNS WITH OWNER & COUNTY PRIOR TO IMPLEMENTATION.
2. THE EXISTENCE AND LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. CALL NAPA COUNTY DEPARTMENT OF PUBLIC WORKS AT (707) 253-4351 TO SCHEDULE INSPECTION AT LEAST 24 HOURS PRIOR TO CONSTRUCTION.
4. ALL WORK ON GRAVITY UTILITIES TO COMMENCE AT THE DOWNSTREAM END OF LINES.
5. ALL EARTHWORK, FILL & GRADING OPERATIONS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT BY DATED .

LEGEND:

AREA DRAIN	OHE&T — EXISTING OVERHEAD ELECTRIC & TELEPHONE
BACK FLOW PREVENTER	SS — EXISTING SANITARY SEWER MAIN
CLEAN OUT	SD — EXISTING STORM DRAIN
DRAIN INLET	G — EXISTING UNDERGROUND GAS
FIRE HYDRANT	E — EXISTING UNDERGROUND ELECTRIC
GUY WIRE/ANCHOR	W — EXISTING UNDERGROUND WATER
JOINT POLE/ POWER POLE	X — EXISTING FENCE
LIGHT	EXISTING EDGE OF PAVEMENT (EP)
MONUMENT	GENERAL DEMOLITION LIMITS
SD MANHOLE	95.00 — EXISTING ELEVATION CONTOUR LINE
SIGN	[98.00] — PROPOSED ELEVATION CONTOUR LINE
SS MANHOLE	PROPERTY LINE
TREE	EASEMENT LINE
WATER METER	CENTERLINE
WATER VALVE	(N)SD — NEW STORM DRAIN LINE
	(N)SS — NEW SANITARY SEWER LINE
	(N)E — NEW ELECTRICAL CONDUIT
	(N)G — NEW GAS LINE
	(N)W — NEW WATER LINE
	(N)FW — NEW FIRE WATER LINE
	SAWCUT LINE

ABBREVIATIONS:

A.B.	AGGREGATE BASE	LOC	LOCATION
A.C.	ASPHALT CONCRETE	LS	LANDSCAPE
AD	AREA DRAIN	(N)	NEW
ATT	TELEPHONE LINE	NTS	NOT TO SCALE
BFP	BACK FLOW PREVENTER	OHC	OVERHEAD CABLE
BL	BREAK LINE	OHE	OVERHEAD ELECTRIC
BPG	BUILDING PERIMETER GRADE	OHE&T	OVERHEAD ELECTRIC & TELEPHONE
CMP	CORRUGATED METAL PIPE	PIV	POST INDICATOR VALVE
CO	CLEAN OUT	PL	PROPERTY LINE
CONC.	CONCRETE	PP	POWER POLE
DI	DROP INLET	PUE	PUBLIC UTILITY EASEMENT
DS	DOWNSPOUT	PVC	POLYVINYL CHLORIDE
D/W	DRIVEWAY	RCP	REINFORCED CONCRETE PIPE
E	ELECTRIC	R.D.	RELATIVE DENSITY
EGR	EDGE OF GRAVEL ROAD	RWL	RAIN WATER LEADER
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
EX.	EXISTING	SDMH	STORM DRAIN MANHOLE
FDC	FIRE DEPT. CONNECTION	SF	SQUARE FEET
FF	FINISHED FLOOR	SS	SANITARY SEWER
FH	FIRE HYDRANT	SSCO	SANITARY SEWER CLEANOUT
FL	FLOW LINE	SSMH	SANITARY SEWER MANHOLE
FS	FINISHED SURFACE	SW	SIDEWALK
G	GAS	T	TREE
GB	GRADE BREAK	TBM	TEMPORARY BENCH MARK
GM	GAS METER	TC	TOP OF CURB
GR	GRATE ELEVATION	TE	TRASH ENCLOSURE
GTD	GRADE TO DRAIN	TYP	TYPICAL
GV	GAS VALVE	W	WATER
HB	HOSE BIB	WB	WATER BOX
HDPE	HIGH DENSITY POLYETHYLENE	WM	WATER METER
ICV	IRRIGATION CONTROL VALVE	WV	WATER VALVE
ID	INSIDE DIAMETER		
INV	INVERT OF PIPE		
LF	LINEAR FEET		



NTS
ST, HELENA, CALIFORNIA
VICINITY MAP

SHEET LIST:

C1.0	TITLE SHEET
C2.0	EXISTING TOPOGRAPHY & DEMOLITION PLAN
C3.0	GRADING PLAN
C4.0	PAVING PLAN
C5.0	DETAIL SHEET
C6.0	EROSION & SEDIMENT CONTROL PLAN

SCHEMATIC DESIGN

DSA APP. NO: xx-xxxxxx

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

NOT FOR CONSTRUCTION
08-19-2026

Robertson Erickson
CIVIL ENGINEERS & SURVEYORS
888 Manzanita Court
Suite 101
Chico, California 95926
(530) 894-3500
robertsonerickson.com

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 26-545

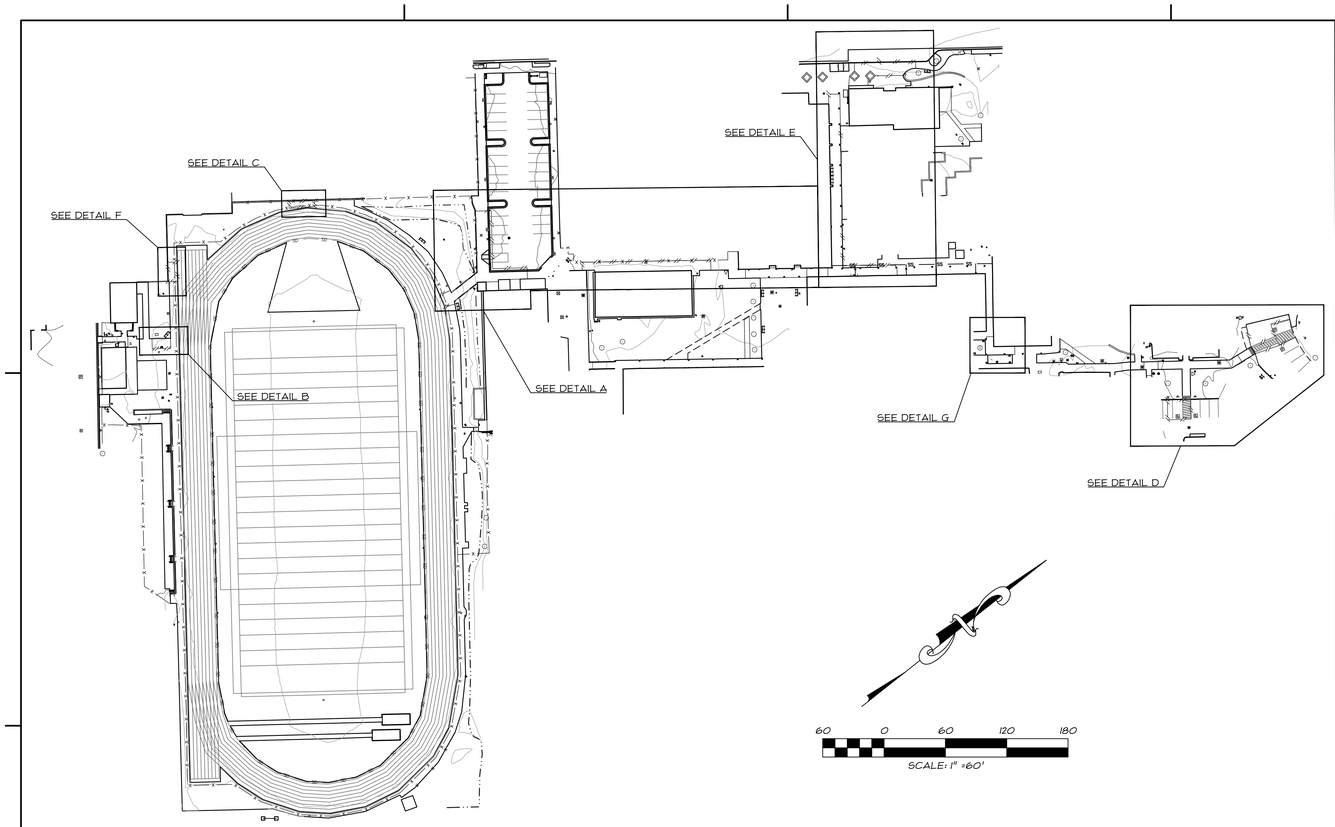
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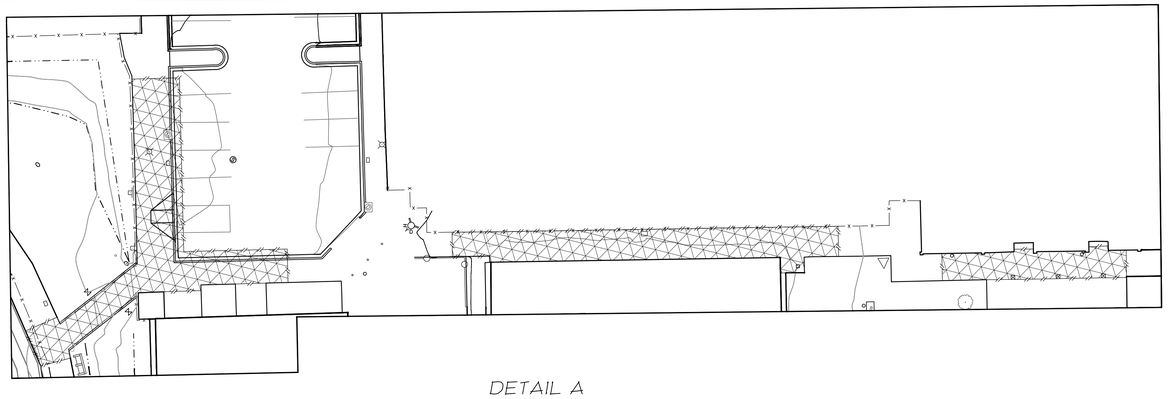
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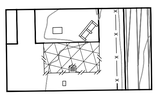
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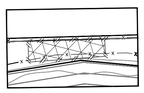




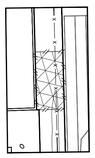
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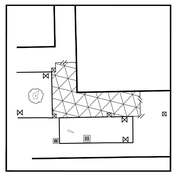
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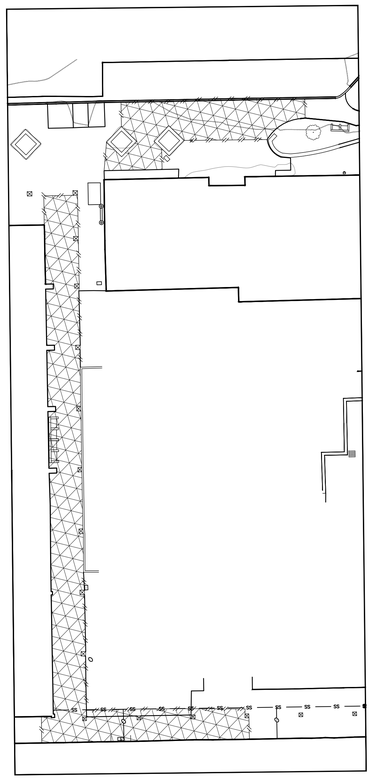
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DETAIL F
SCALE: 1" =20'



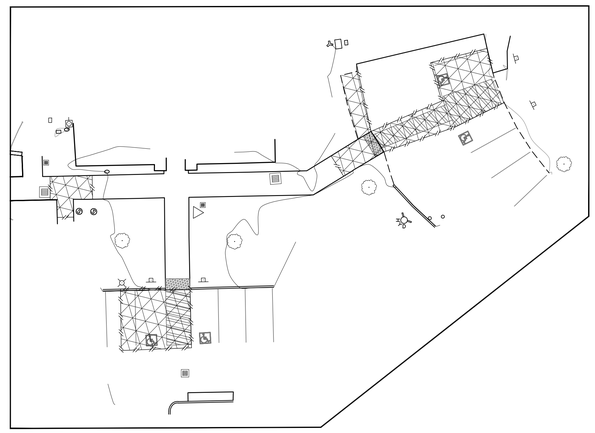
DETAIL G
SCALE: 1" =20'



DETAIL E
SCALE: 1" =20'

LEGEND:

DEMOLISH, REMOVE AND DISPOSE OF PAVEMENT



DETAIL D
SCALE: 1" =20'

SCHEMATIC DESIGN

DSA APP. NO: xx-xxxxxx

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1100 Lincoln Avenue Suite 100
Napa, CA 94558

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ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 26-545

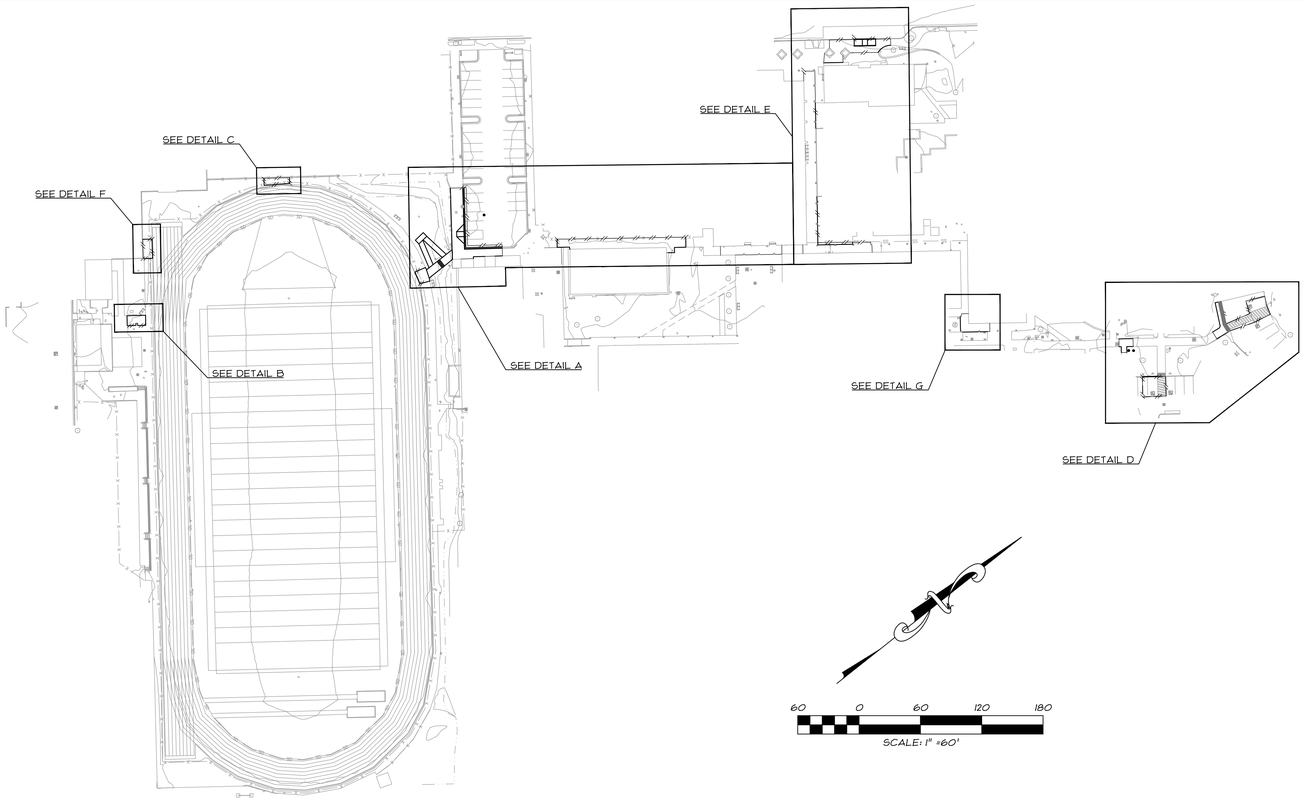
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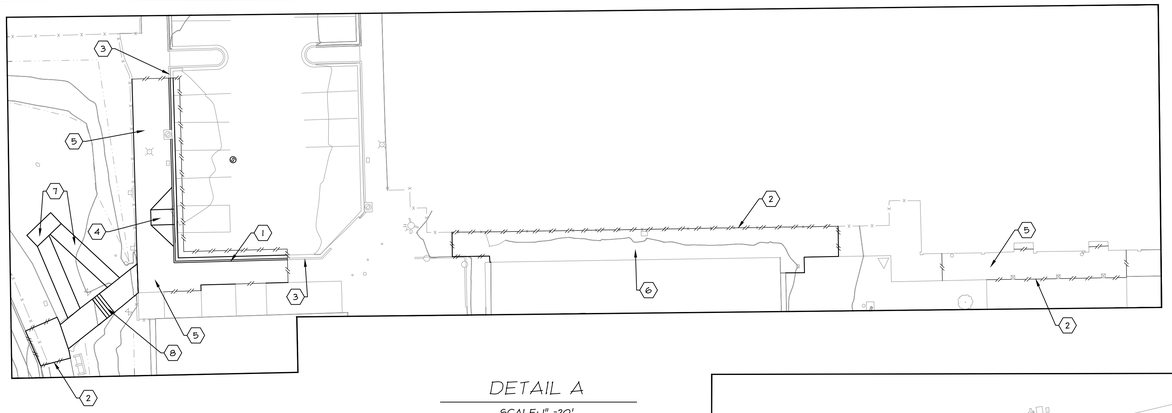
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EXISTING TOPOGRAPHY & DEMOLITION PLAN

C2.0

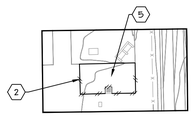
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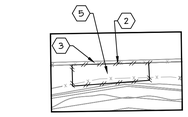
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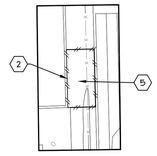
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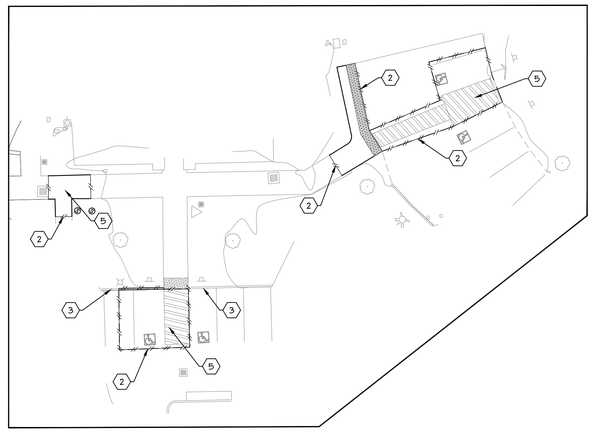
DETAIL C

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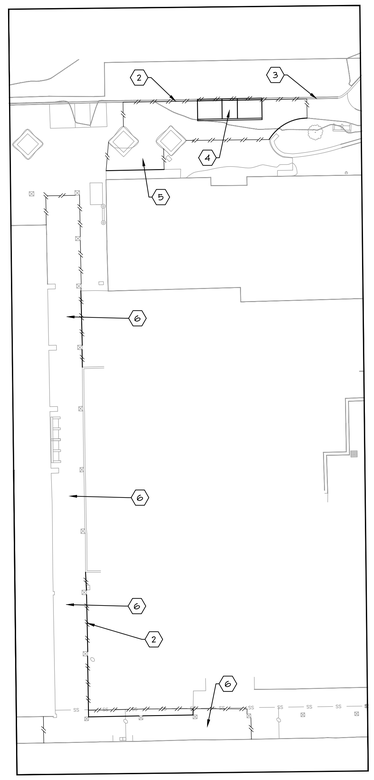
DETAIL F

SCALE: 1" =20'



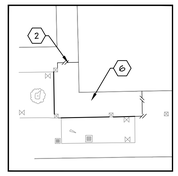
DETAIL D

SCALE: 1" =20'



DETAIL E

SCALE: 1" =20'



DETAIL G

SCALE: 1" =20'

GRADING CONSTRUCTION NOTES

1. INSTALL VERTICAL CURB SEE DETAIL 12/C6.0.
2. NEAT CUT AND CONFORM LINE. TYP.
3. EXISTING CURB TO REMAIN.
4. INSTALL ACCESSIBLE PEDESTRIAN RAMP.
5. GRADE PAVEMENT TO BE LESS THAN 2% SLOPE IN ALL DIRECTIONS.
6. GRADE PAVEMENT TO BE FLUSH AT DOORS, AND BE LESS THAN 2% SLOPE IN ALL DIRECTIONS.
7. INSTALL SWITCHBACK RAMP RUNNING SLOPE TO BE LESS THAN 5%, CROSS SLOPE TO BE LESS THAN 2% SLOPE. LANDINGS TO BE LESS THAT 2% SLOPE IN ALL DIRECTIONS.
8. INSTALL STAIRS SEE ARCHITECT FOR DETAILS.

SCHEMATIC DESIGN

DSA APP. NO: xx-xxxxxx

motive STUDIO

1100 Lincoln Avenue Suite 100
Napa, CA 94558

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Suite 101
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ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 26-545

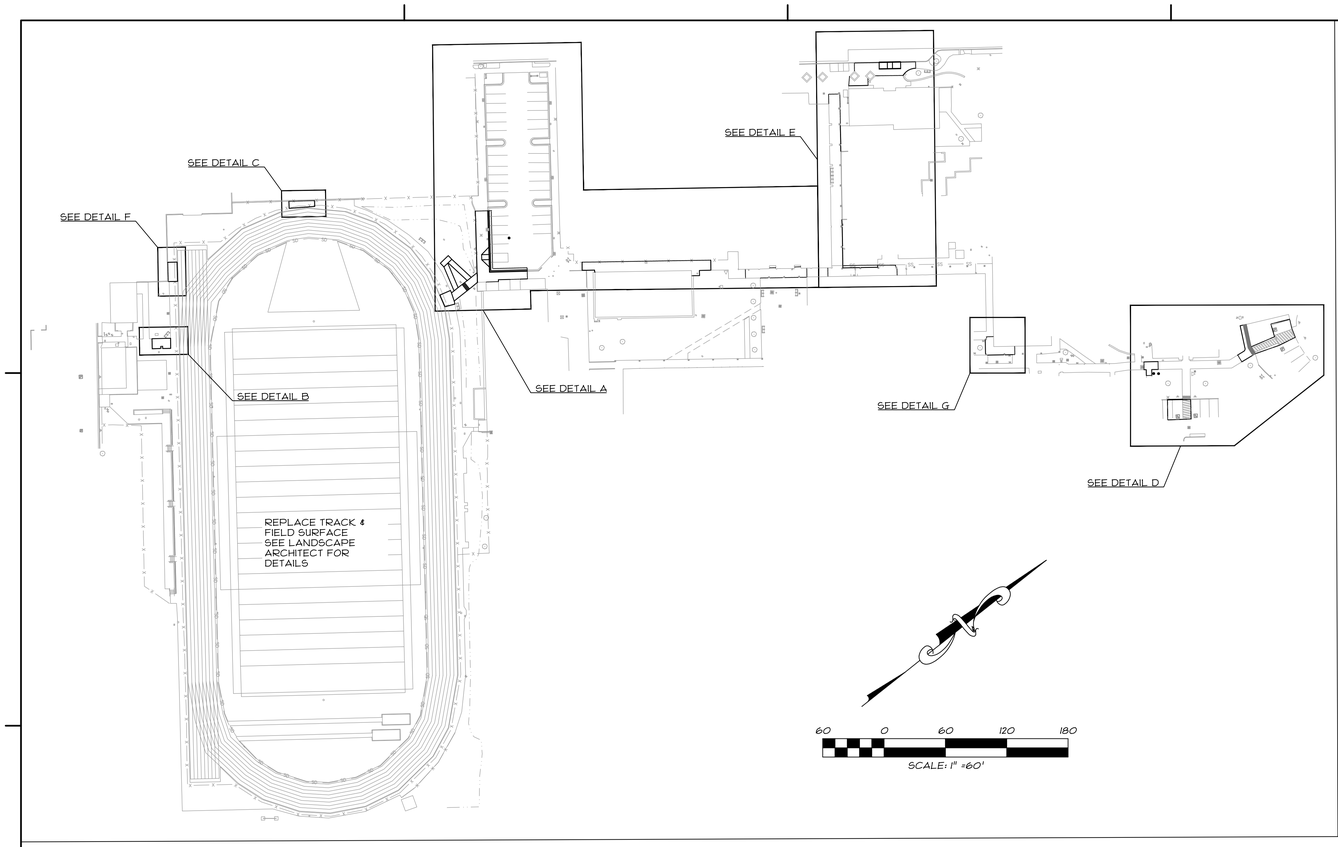
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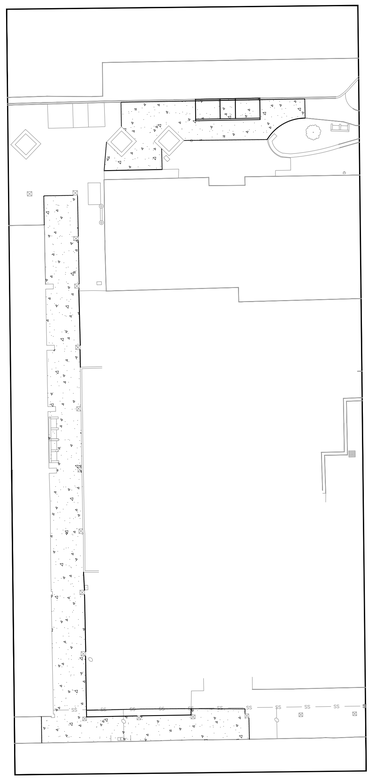
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GRADING PLAN

C3.0

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DETAIL E

SCALE: 1" =20'

LEGEND:

LIGHT DUTY CONCRETE SIDEWALK AREA
4" CONCRETE OVER 6" OR CLASS II AB @ 95% R.D.
OVER 12" SUBGRADE @ 95% R.D.

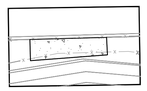
GRIND AND REPLACE A DEPTH OF 0.2' OF ASPHALT CONCRETE. FINISHED SURFACE TO BE SMOOTH/FLUSH WITH EXISTING SURFACE.

ASPHALT CONCRETE PAVING SECTION
3" AC OVER 5" CLASS II AB @ 95% R.D.
OVER 12" SUBGRADE @ 95% R.D.



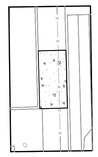
DETAIL B

SCALE: 1" =20'



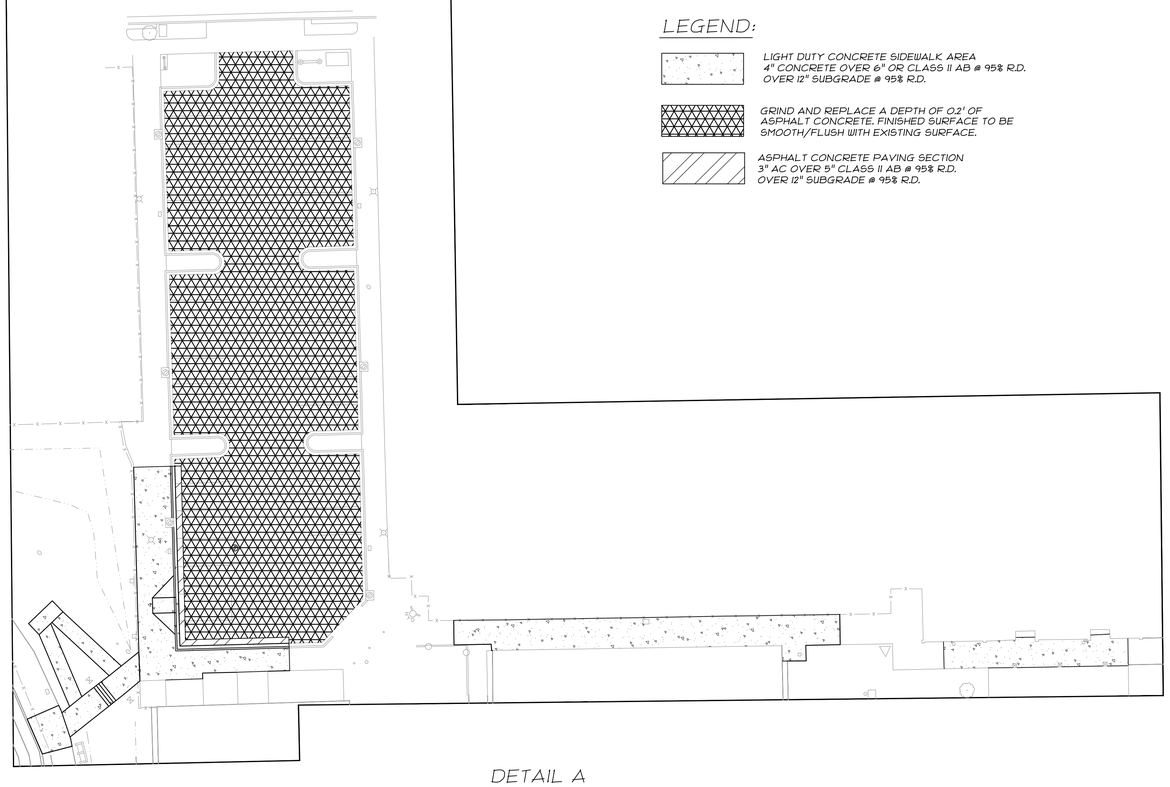
DETAIL C

SCALE: 1" =20'



DETAIL F

SCALE: 1" =20'



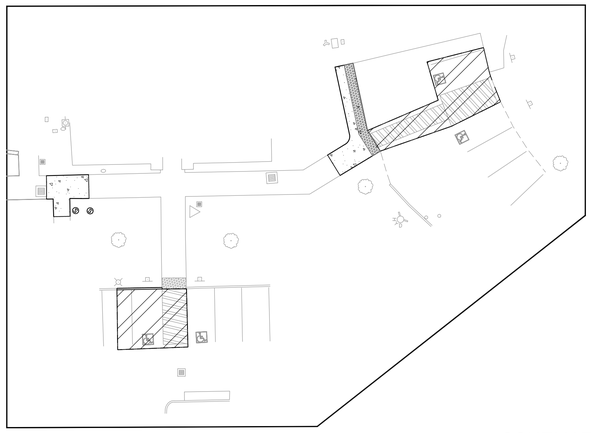
DETAIL A

SCALE: 1" =20'



DETAIL G

SCALE: 1" =20'



DETAIL D

SCALE: 1" =20'

SCHEMATIC DESIGN

DSA APP. NO: xx-xxxxxx

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ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 26-545

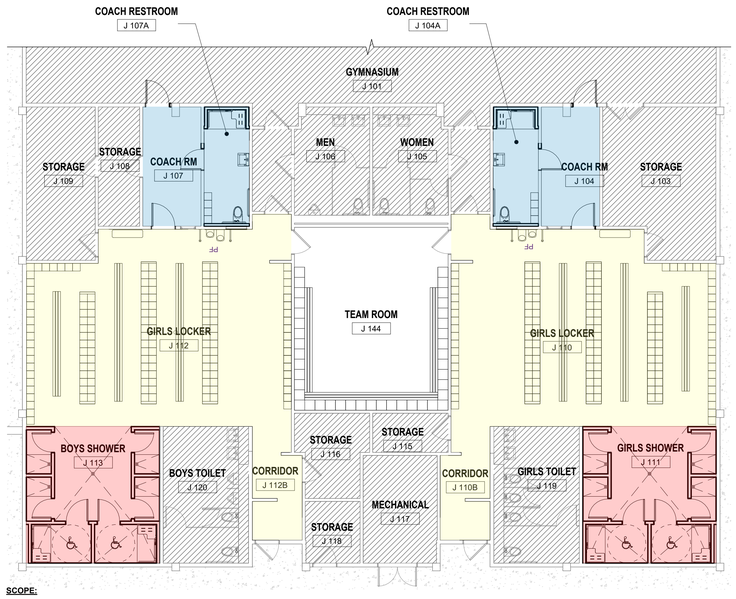
08/19/2026

No.	Description	Date

PAVING PLAN

C4.0

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SCOPE:

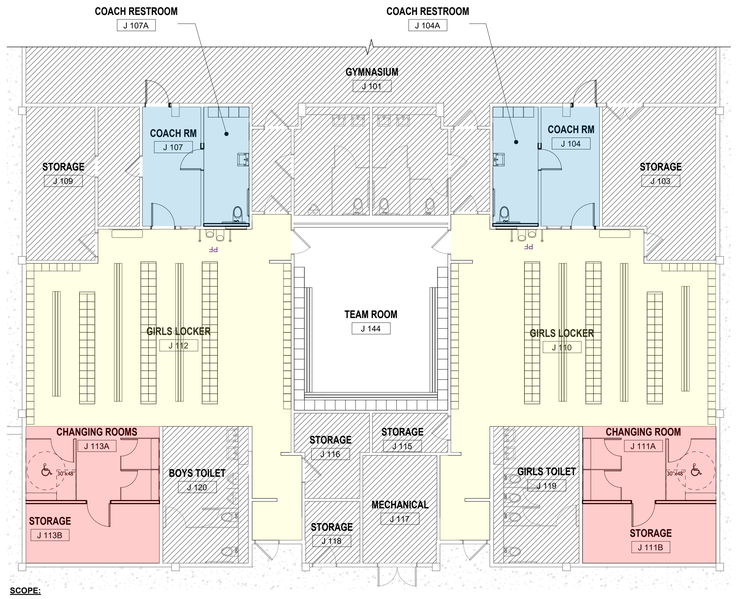
MODERNIZE EXISTING SHOWERS INTO NEW ACCESSIBLE SHOWERS WITH FLOOR TO CEILING WALLS AND CLOSING DOORS. ACCESSIBILITY UPGRADE AND NEW SHOWER IN COACH RESTROOM

NEW EPOXY FLOORING IN LOCKER ROOMS. NEW TILE FLOORING IN SHOWERS

HIGH COST SOLUTION

OPTION 3 - MODERNIZED SHOWERS

1/8" = 1'-0" **22**



SCOPE:

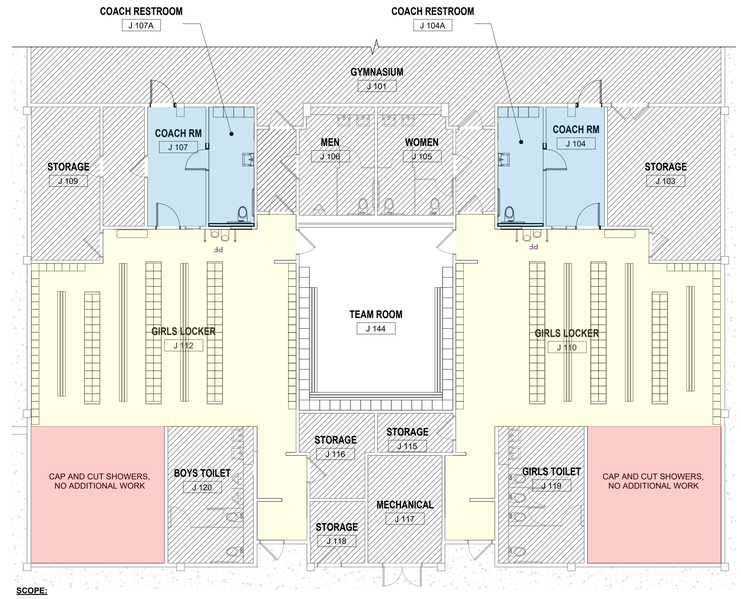
CONVERT EXISTING SHOWERS INTO CHANGING ROOMS AND STORAGE SPACE. ACCESSIBILITY UPGRADE IN COACH RESTROOM

REPLACEMENT OF FLOOR AND WALL FINISHES. NEW EPOXY FLOORING IN LOCKER ROOMS

MIDRANGE COST SOLUTION

OPTION 2 - CHANGING ROOMS & STORAGE

1/8" = 1'-0" **12**



SCOPE:

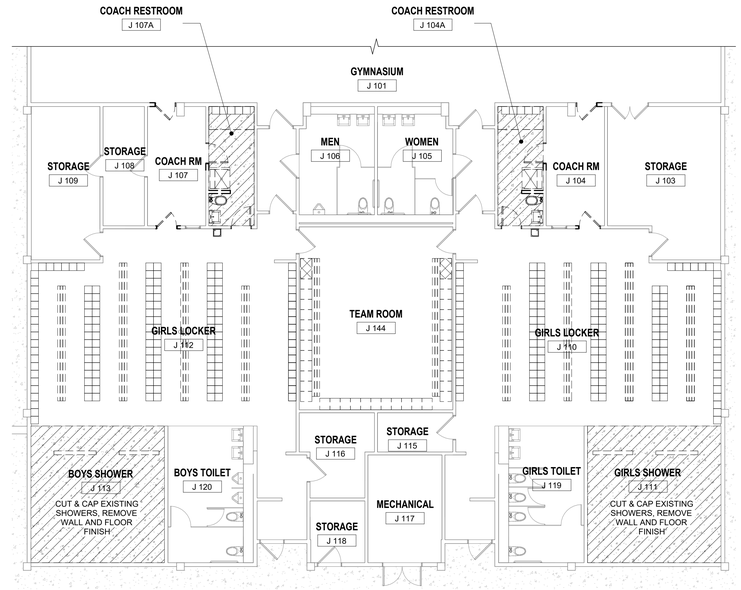
REMOVE AND CAP EXISTING SHOWERS IN STUDENT AND COACH RESTROOMS. ACCESSIBILITY UPGRADE IN COACH RESTROOM. REPLACE EXISTING LOCKERS

POSSIBLE REPLACEMENT OF FLOOR AND WALL FINISHES. NEW EPOXY FLOORING IN LOCKER ROOMS

LOW COST SOLUTION

OPTION 1 - CAP AND CUT SHOWERS

1/8" = 1'-0" **2**



DEMOLITION SCOPE:

REMOVE ALL EXISTING LOCKERS. REMOVE EXISTING RESTROOM FIXTURES

DEMOLISH EXISTING FLOORING

DEMOLITION PLAN

1/8" = 1'-0" **4**

LEGEND

- LOCKER ROOM MODERNIZATION
- SHOWER MODERNIZATION
- COACH OFFICE MODERNIZATION

DSA APP. NO: xx-xxxxxx

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1100 Lincoln Avenue Suite 100
Napa, CA 94558

REGISTERED ARCHITECT
BRENT S SOMMER
LIC. NO. C-33581
EXP 01-31-27
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

Issue Date

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 2026-022-000

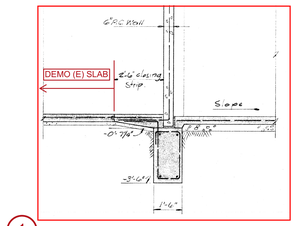
Project Status - XX/XX/XXXX

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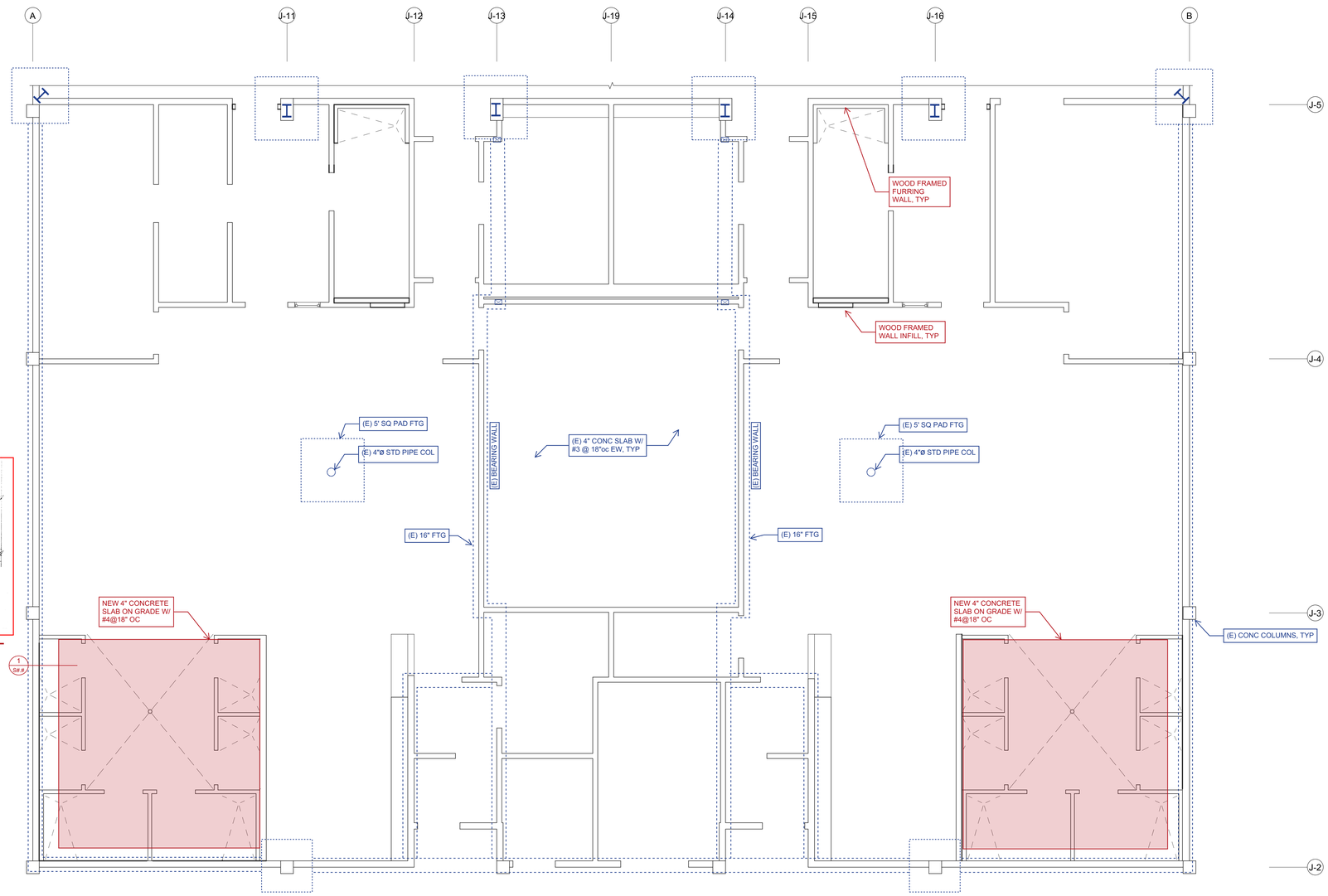
FLOOR PLAN OPTIONS

A1.2

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1



NORTH

FLOOR PLAN

1/4" = 1'-0"

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AUG 20, 2026

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SHHS MODERNIZATION

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ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 2026-022-000

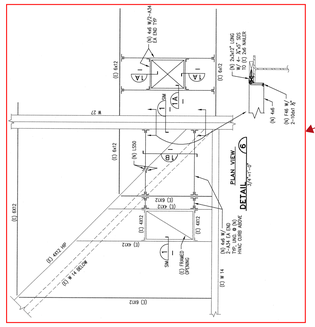
COORDINATION SET

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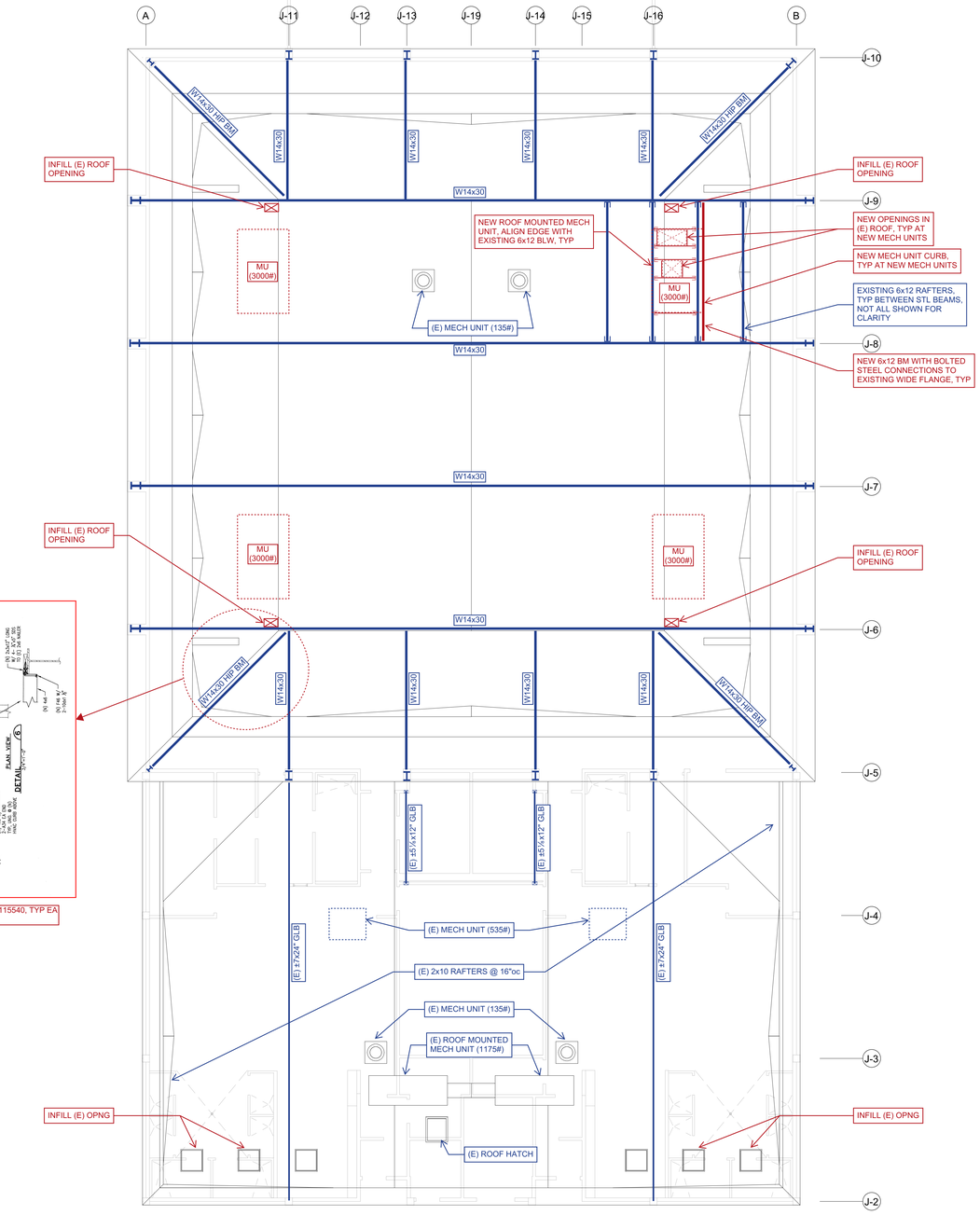
FOUNDATION PLAN

S2.1

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DETAIL FROM *MECH UNIT REPLACMENT (2016)* 01-115540, TYP EA CORNER



ROOF FRAMING PLAN

1/8" = 1'-0"

LEGEND

	INDICATES NEW FRAMING
	INDICATES EXISTING FRAMING
MU 3000#	INDICATES APPROXIMATE LOCATION, SIZE AND MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR ANCHORAGE AND ADDITIONAL INFORMATION.

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PROJECT No.: 2026-022-000

COORDINATION SET

No	Description	Date

ROOF FRAMING PLAN

S2.2

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HVAC LEGEND

SYMBOL	DESCRIPTION
AC-1	EQUIPMENT LABEL
CS1 / 100 / 12x12 — LABEL / CFM / SIZE	AIR INLET/OUTLET LABEL
T	THERMOSTAT (TOP OF BOX AT MAX. 48" AFF)
	POINT OF CONNECTION
C	CARBON DIOXIDE WALL SENSOR (TOP OF BOX AT MAX. 48" AFF)
S	REMOTE TEMPERATURE SENSOR
$	MANUAL WALL SWITCH
ROUND / SUPPLY / RETURN / EXHAUST	CEILING DIFFUSER/GRILLE
	WALL REGISTER/GRILLE
	DUCT UP (SECTION)
	DUCT DOWN (SECTION)
	DUCT BEYOND (SECTION)
DOUBLE-LINE / SINGLE-LINE	
WxH	RECTANGULAR DUCT (DIMENSIONS = WIDTH (VISIBLE SIDE) x HEIGHT)
Ø	ROUND DUCT (DIMENSION = DIAMETER)
12x12L	DUCT WITH INTERNAL INSULATION LINER (DIMENSIONS = NET FREE OPEN AREA)
	EXPOSED SPIRAL SEAM ROUND DUCT
	MANUAL VOLUME DAMPER
WxH / WxH	DUCT TRANSITION
WxH / Ø	RECTANGULAR TO ROUND DUCT TRANSITION
	DUCT CAP
	CUT AND REMOVE DUCT
	FLEX DUCT LINETYPE
	SUPPLY DUCT LINETYPE
	RETURN DUCT LINETYPE
	EXHAUST DUCT LINETYPE
SD	DUCT SMOKE DETECTOR
FD	FIRE DAMPER
FSD	FIRE-SMOKE DAMPER
OAD	MOTORIZED OUTSIDE AIR DAMPER (2-POSITION OR MODULATING PER CONTROLS)
	45° REDUCING STRAIGHT LATERAL
	45° REDUCING WYE BRANCH
	45° REDUCING LATERAL CROSS
	CONICAL BELLMOUTH TAP
	45° ENTRY TAP
	RECTANGULAR DUCT TEE WITH TURN VANES (SIZE EACH TAKOFF FOR EQUAL PRESSURE LOSS)
	RECTANGULAR DUCT ELBOW WITH TURN VANES
R = 1.5W	RECTANGULAR DUCT ELBOW
R = 1.5Ø	ROUND DUCT ELBOW

HVAC ABBREVIATIONS

(ABC)	ABOVE CEILING
AD	ACCESS DOOR
AFF, AFG	ABOVE FINISHED FLOOR, GRADE
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
APD	AIR PRESSURE DROP
ARCH.	ARCHITECT, ARCHITECTURAL
BHP	BRAKE HORSEPOWER
BLKG	BLOCKING
BMS	BUILDING MANAGEMENT SYSTEM
BTU/HR	BRITISH THERMAL UNITS
CAV	CONSTANT AIR VOLUME
CFM	CUBIC FEET PER MINUTE
COMB.	COMBUSTION
CONN.	CONNECT, CONNECTION
CONT.	CONTINUATION, CONTINUOUS
COP	COEFFICIENT OF PERFORMANCE
DB	DRY BULB
DCV	DEMAND CONTROL VENTILATION
DIA., Ø	DIAMETER
DDC	DIRECT DIGITAL CONTROLS
DN	DOWN
(E)	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
E.C.	ELECTRICAL CONTRACTOR
EER	ENERGY EFFICIENCY RATIO
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
(FA), (FB)	FROM ABOVE, FROM BELOW
F.A.C.	FIRE ALARM CONTRACTOR
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
GA.	GAUGE
GALV.	GALVANIZED
G.C.	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HSPF	HEATING SEASONAL PERFORM. FACTOR
HZ	HERTZ
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU/HR
M.C.	MECHANICAL CONTRACTOR
MCA	MINIMUM CURRENT AMPACITY
MFR	MANUFACTURER
MOCP	MAX. OVERCURRENT PROTECTION
(N)	NEW
NPSH	NET POSITIVE SUCTION HEAD
OA	OUTSIDE AIR
O.C.	ON CENTER
(OH)	OVERHEAD
POC	POINT OF CONNECTION
P.C.	PLUMBING CONTRACTOR
PH	PHASE
PSI	POUNDS PER SQUARE INCH
P.T.	PRESSURE-TREATED
RA	RETURN AIR
RL	REFRIGERANT LIQUID LINE
RPM	ROTATIONS PER MINUTE
RS	REFRIGERANT SUCTION LINE
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SMS	SHEET METAL SCREW
SOV	SHUTOFF VALVE
S.P.	STATIC PRESSURE
S.S.	STAINLESS STEEL
STL.	STEEL
(TA), (TB)	TO ABOVE, TO BELOW
TCP	TEMPERATURE CONTROL PANEL
TCC	TEMPERATURE CONTROLS CONTRACTOR
TDH	TOTAL DYNAMIC HEAD
TSP	TOTAL STATIC PRESSURE
T'STAT	THERMOSTAT (SEE HVAC LEGEND)
(TYP), TYP.	TYPICAL
(UF), (US)	UNDER FLOOR, UNDER SLAB
(UG)	UNDERGROUND
U.N.O	UNLESS NOTED OTHERWISE
V	VOLTAGE
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VB	VALVE BOX
VRF	VARIABLE REFRIGERANT FLOW
WB	WET BULB
W.C. , W.G.	WATER COLUMN, WATER GAUGE
WPD	WATER PRESSURE DROP

ROOFTOP PACKAGED HYBRID GAS-FIRED/HEAT PUMP UNIT (OPTION #1)

LABEL	MAKE & MODEL	SERVICE AREA	DUCT CONFIG.	HEAT PUMP												GAS-FIRED HEATING					SUPPLY FAN				OA CFM		ELECTRICAL								WEIGHT (LBS)						OPTIONS	REPLACED (E) HVAC UNIT	
				COOLING					HEATING				REFRIGERANT															CIRCUIT #1 (BASE UNIT)				CIRCUIT #2 (POWER EXHAUST FAN)				COMPONENT WT.							MAKE & MODEL	TOTAL OPER. WT.
				NOM. TONS	SENS. MBH*	IEER	EER	STAGES	TOTAL MBH**	COP	STAGES	AUX. HEATER	TYPE	SAFETY GROUP	SYSTEM CLASS	INPUT MBH	OUTPUT MBH	THERM. EFF.	STAGES	FUEL	CFM	ESP	FAN SPEEDS	MOTOR / DRIVE TYPE	DCV MAX.	MIN.	VOLTS / PH / HZ	FLA	MCA	MOCP	VOLTS/PH/HZ	FLA	MCA	MOCP	BASE UNIT	ROOF CURB	ECONO.	POWER EXH.	ACCES.	TOTAL OPER. WT.			
RTU-J1 RTU-J2 RTU-J3 RTU-J4	CARRIER 48QESM17	GYM	HORIZ.	15	139.7	17.0	11.4	2	129.0	3.5	2	NONE	R-454B	A1	HIGH PROBABILITY	220	178	81%	2	NAT. GAS	6,000 HI 3,600 LO	1.0"	2	MED-STATIC / DIRECT	1,200	360	460 / 3 / 60	32.5	40	50	460 / 3 / 60	6.5	8.1	14.6	1,990	267	275	323	139	2,994	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	TRANE GRAA20P	900

NOTES:

* SENSIBLE CAPACITY CONDITIONS: 100°F OAT, 67°F/80°F EAT DB/WB
** HEATING CAPACITY CONDITIONS: 30°F OAT, 70°F EAT.

OPTIONS:
1. 2" MERV 13 PLEATED FILTERS.
2. UNPOWERED CONVENIENCE OUTLET.
3. CONDENSER HAIL GUARDS.
4. FACTORY DISCONNECT.
5. MICROMETL #CRBW-MRT78JA-1411 WELDED STRUCTURALLY CALCULATED 14" HIGH FULL-PERIMETER ROOF CURB.
6. MICROMETL #ECC-MRT69CA-DOOB TITLE-24 COMPLIANT LOW-LEAK HORIZONTAL DRYBULB ECONOMIZER (3RD PARTY CONTROLS - NO CONTROLLER.
7. MICROMETL #PCC-MRT69CA-D-4L2 MODULATING (2 HP) POWER EXHAUST FAN.
8. PELICAN PEARL ECONOMIZER CONTROLLER (SEE SHEET M_._).
9. PELICAN TC-3 THERMOSTAT W/ CO2 SENSOR.
10. DUCT SMOKE DETECTOR NOT REQUIRED FOR FAN SMOKE SHUTDOWN PER CMC 609.1 EXCEPTION (2) - DIRECT EXITS TO EXTERIOR WITHIN 100 FEET.

ROOFTOP PACKAGED HEAT PUMP UNIT (OPTION #2)

LABEL	MAKE & MODEL	SERVICE AREA	DUCT CONFIG.	HEAT PUMP														SUPPLY FAN				OA CFM		ELECTRICAL								WEIGHT (LBS)						OPTIONS	REPLACED (E) HVAC UNIT	
				COOLING					HEATING				REFRIGERANT											CIRCUIT #1 (BASE UNIT)				CIRCUIT #2 (POWER EXHAUST FAN)				COMPONENT WT.							MAKE & MODEL	TOTAL OPER. WT.
				NOM. TONS	SENS. MBH*	IEER	EER	STAGES	TOTAL MBH**	COP	STAGES	AUX. HEATER	TYPE	SAFETY GROUP	SYSTEM CLASS	CFM	ESP	FAN SPEEDS	MOTOR / DRIVE TYPE	DCV MAX.	MIN.	VOLTS / PH / HZ	FLA	MCA	MOCP	VOLTS/PH/HZ	FLA	MCA	MOCP	BASE UNIT	ROOF CURB	ECONO.	POWER EXH.	ACCES.	TOTAL OPER. WT.			
RTU-J1 RTU-J2 RTU-J3 RTU-J4	CARRIER 50QEQM17	GYM	HORIZ.	15	139.7	17.3	11.4	2	129.0	3.5	2	23 KW	R-454B	A1	HIGH PROBABILITY	6,000 HI 3,600 LO	1.0"	2	MED-STATIC / DIRECT	1,200	360	460 / 3 / 60	62.3	81	90	460 / 3 / 60	6.5	8.1	14.6	1,925	267	275	323	224	3,014	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	TRANE GRAA20P	900

NOTES:

* SENSIBLE CAPACITY CONDITIONS: 100°F OAT, 67°F/80°F EAT DB/WB
** HEATING CAPACITY CONDITIONS: 30°F OAT, 70°F EAT.

OPTIONS:
1. 2" MERV 13 PLEATED FILTERS.
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9. PELICAN TC-3 THERMOSTAT W/ CO2 SENSOR.
10. DUCT SMOKE DETECTOR NOT REQUIRED FOR FAN SMOKE SHUTDOWN PER CMC 609.1 EXCEPTION (2) - DIRECT EXITS TO EXTERIOR WITHIN 100 FEET.

SEISMIC ANCHORAGE AND BRACING NOTE

MEP COMPONENT ANCHORAGE NOTE
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE, OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS, OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110 / 220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE, OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5., 13.6.6, 13.6.7, 13.6.8; AND 2025 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., HACI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☒ PP☐ E☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP☐ MD☐ PP☐ E☐ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #_____.

DSA APP. NO: XX-XXXXXX

motive
MECHANICAL RELIEF AIR STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

REGISTERED ARCHITECT BRENT S SOMMER STATE OF CALIFORNIA
NOT FOR CONSTRUCTION
EXP 01-31- 27

M/E SYSTEMS ENGINEERING
MECHANICAL & ENERGY ENGINEERING
5098 Foothills Blvd Ste 3 PMB 382
Roseville, CA 95747
(916) 774-6330

DSA PROFESSIONAL ACT TURNER STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

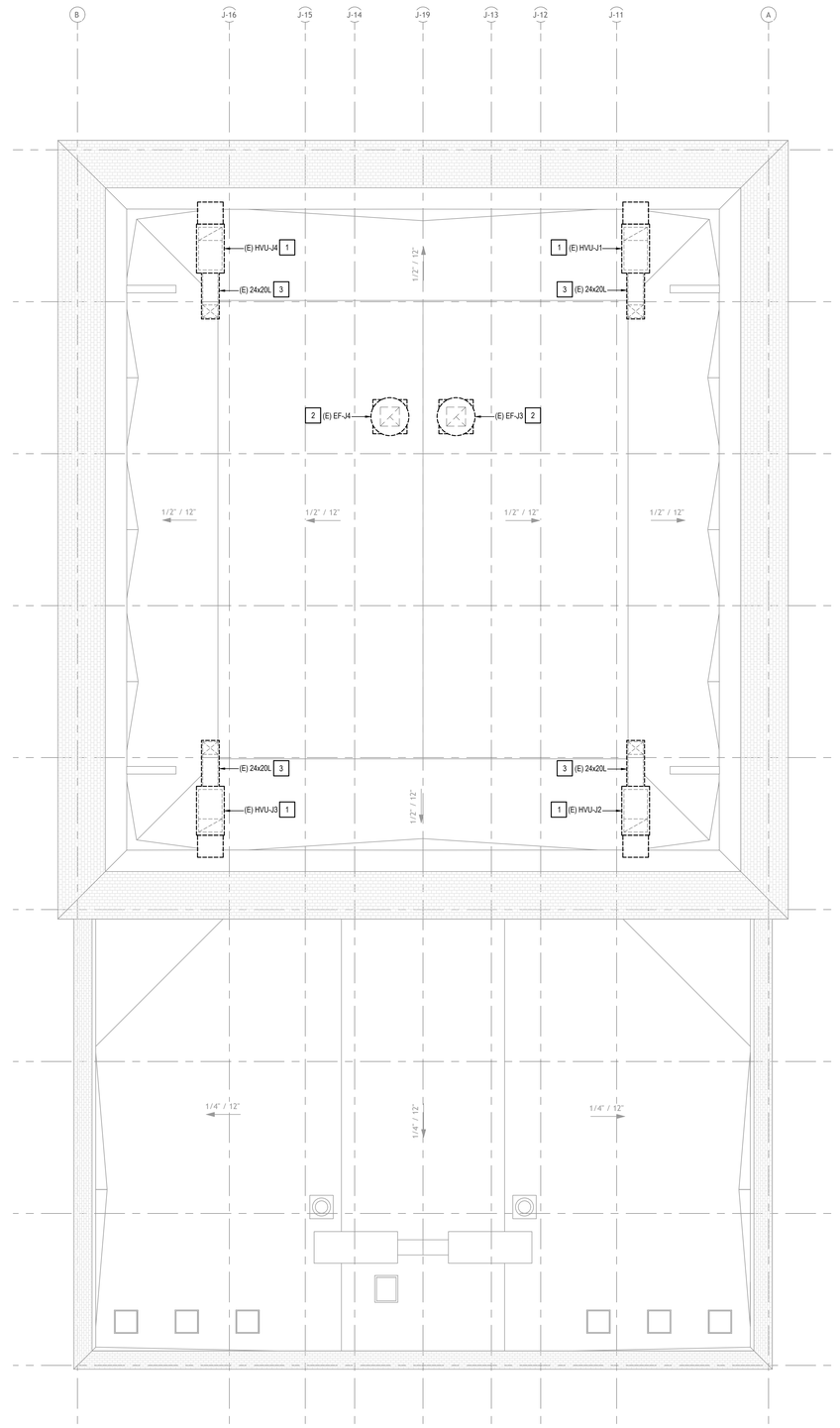
PROJECT No.: 2026-022-000

Project Status - 08/07/2026

No.	Description	Date

HVAC SCHEDULES AND LEGEND

M0.1



BUILDING J -
DEMOLITION HVAC ROOF PLAN
1 SCALE: 1/8" = 1'-0"

KEYNOTES:

1. REMOVE (E) ROOFTOP HEATING & VENTILATING UNIT INCLUDING (E) ROOF CURB. PATCH AND REPAIR (E) OPENING IN ROOF.
2. REMOVE (E) ROOF EXHAUST FAN AND CAP (E) ROOF CURB. PATCH AND REPAIR (E) OPENING IN ROOF.
3. REMOVE (E) DUCT INCLUDING ROOF PENETRATION CURB.

KEYPLAN

DSA APP. NO: XX-XXXXXX

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

REGISTERED ARCHITECT BRENT S SOMMER EXP 01-31- 27 STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

ME SYSTEMS ENGINEERING
MECHANICAL & ENERGY ENGINEERING
5098 Foothills Blvd Ste 3 PMB 382
Roseville, CA 95747
(916) 774-6330

REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

ST. HELENA UNIFIED SCHOOL DISTRICT

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1401 GRAYSON AVE., ST HELENA, CA 94574

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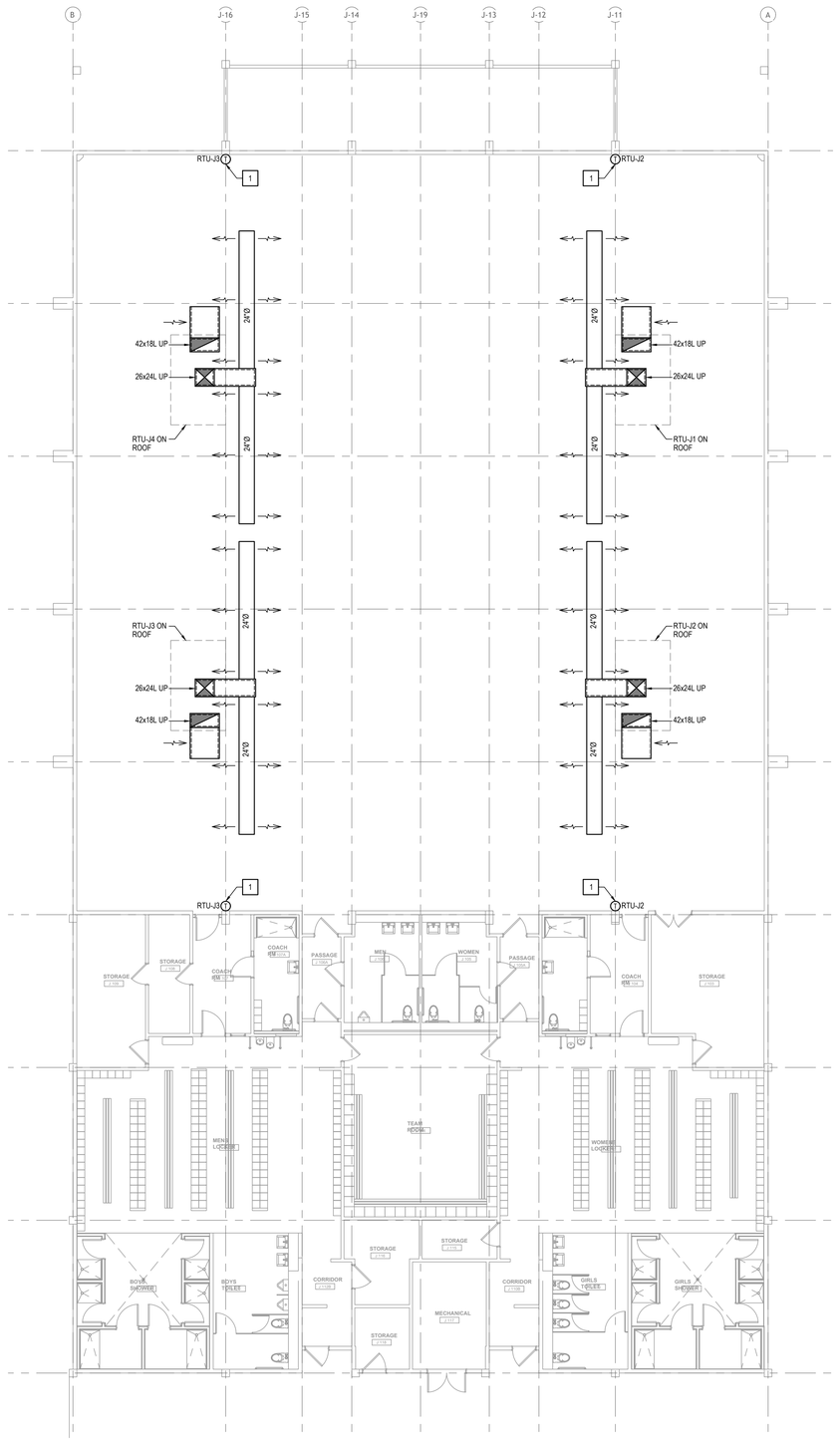
PROJECT No.: 2026-022-000

Project Status - 08/07/2026

No.	Description	Date

DEMOLITION HVAC ROOF PLAN

M2.2



1 BUILDING J - NEW HVAC FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEYNOTES:

1. PROVIDE (N) PELICAN WIRELESS THERMOSTAT W/ CARBON DIOXIDE SENSOR IN (E) THERMOSTAT LOCATION. ROUTE (N) CONTROL CONDUCTORS IN EMT UP TO (N) HVAC UNITS AS REQUIRED.
2. NOT USED.
3. NOT USED.
4. NOT USED.

KEYPLAN

DSA APP. NO: XX-XXXXXX

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

REGISTERED ARCHITECT VINCENT S SOMMER EXP 01-31- 27 STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

M/E SYSTEMS ENGINEERING
MECHANICAL & ENERGY ENGINEERING
5098 Foothills Blvd Ste 3 PMB 382
Roseville, CA 95747
(916) 774-6330

REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

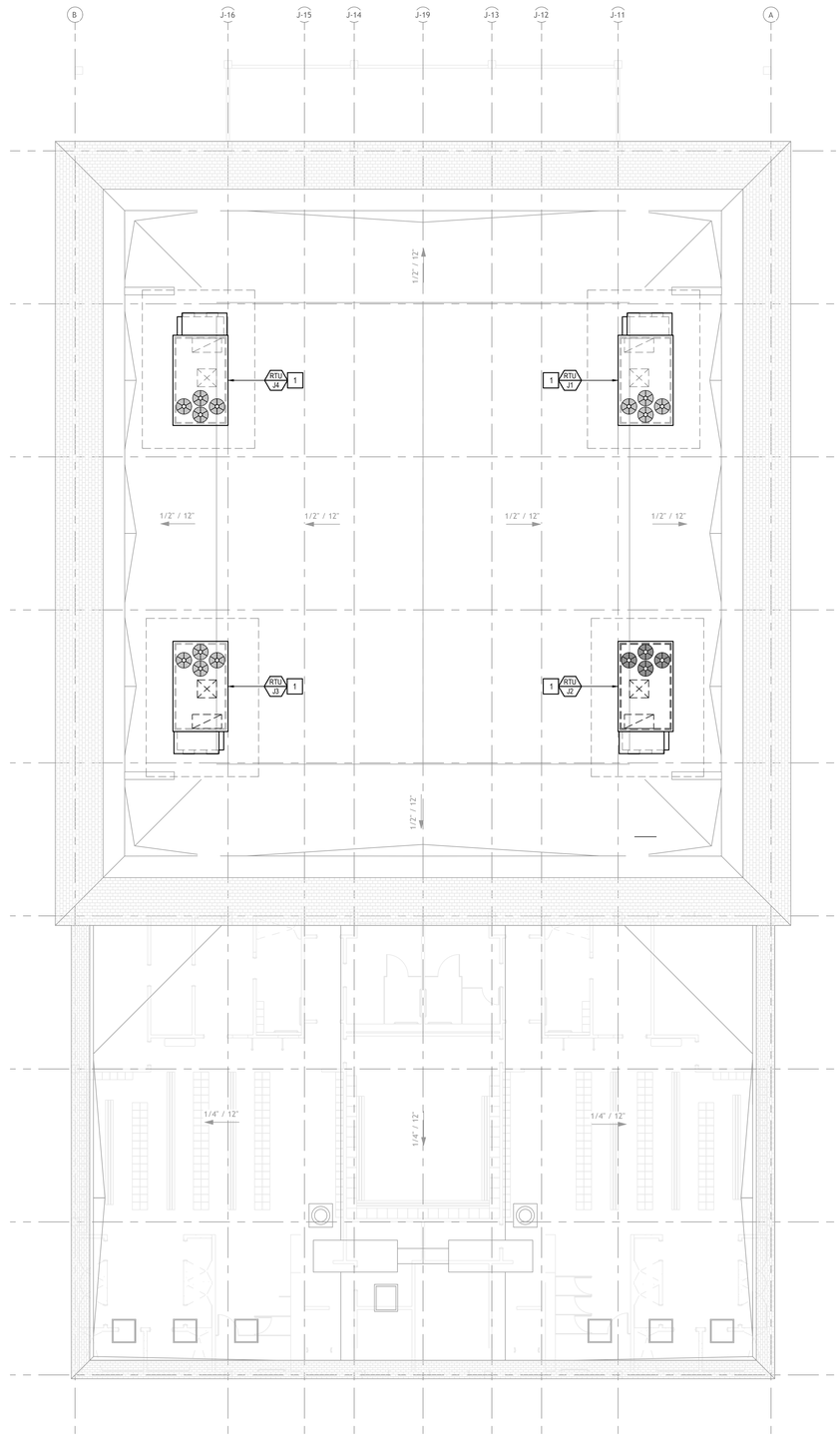
PROJECT No.: 2026-022-000

Project Status - 08/07/2026

No.	Description	Date

NEW HVAC FLOOR PLAN

M3.1



BUILDING J -
NEW HVAC ROOF PLAN
1 SCALE: 1/8" = 1'-0"

KEYNOTES:

1. PROVIDE (N) ROOFTOP HVAC UNIT ON (N) ROOF CURB.
2. NOT USED

KEYPLAN

DSA APP. NO: XX-XXXXXX

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

REGISTERED ARCHITECT
BRENT S SOMMER
NOT FOR CONSTRUCTION
EXP 01-31- 27
STATE OF CALIFORNIA

ME SYSTEMS ENGINEERING
MECHANICAL & ENERGY ENGINEERING
5098 Foothills Blvd Ste 3 PMB 382
Roseville, CA 95747
(916) 774-6330

REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
STATE OF CALIFORNIA

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 2026-022-000

Project Status - 08/07/2026

No.	Description	Date

NEW HVAC ROOF PLAN

M3.2

POWER LEGEND

COORDINATE THE EXACT MOUNTING AND LOCATION OF ALL WIRING DEVICES AND ALL CONDUITS WITH OTHER TRADES PRIOR TO ROUGH-IN. SEE ARCH PLANS FOR EXACT DEVICE LOCATIONS. GENERATOR OUTLETS TO BE RED AND UPS OUTLETS TO BE ORANGE.

DUPLEX | QUAD | GFI DUPLEX | GFI QUAD | DUPLEX WITH USB

RECEPTACLE, NON-LOCKING TYPE, GROUNDING, 120V - 20A. MOUNTED AT +15" AFF TO BOTTOM OF BOX UNO. SHADED REPRESENTS ABOVE COUNTER OR +42" AFF.

DUPLEX | QUAD | GFI DUPLEX | GFI QUAD | DUPLEX WITH USB

SPLIT YOLK HALF CONTROLLED RECEPTACLE NON-LOCKING TYPE 120V-20A. TO BE LOCATED WITHIN 6' OF AN UNCONTROLLED RECEPTACLE. CONNECT SWITCH LEG BETWEEN RELAY POWER PACK AND OCCUPANCY CONTROLS FOR AUTOMATIC SHUT OFF. CONTROLLED RECEPTACLES SHALL HAVE PERMANENT MARKING TO DIFFERENTIATE THEM FROM UNCONTROLLED RECEPTACLES. (CEC TITLE 24 SECTION 130.5(D)). PROVIDE FACEPLATE PER NEC 406.3(E).

- CEILING MOUNTED DUPLEX OR QUAD RECEPTACLE, NON-LOCKING TYPE, GROUNDING.
- POWER FLOOR BOX.
- WALL OR FLOOR POWER CONNECTION TO MODULAR FURNITURE. VERIFY EXACT LOCATION WITH FURNITURE SUPPLIER.
- JUNCTION BOX

EQUIPMENT SIZES SHOWN ON PLANS ARE NOT EXACT. CONTRACTOR IS RESPONSIBLE FOR ENSURING EQUIPMENT CLEARANCES ARE MET BASED ON ACTUAL SIZE OF EQUIPMENT.

- T — TRANSFORMER
- SWITCHBOARD OR MCC
- PANEL BOARD (SURFACE)
- PANEL BOARD (FLUSH)
- LOW VOLTAGE PANEL
- LCP — LIGHTING CONTROL PANEL
- TELEPHONE BACKBOARD. 3/4" PLYWOOD, LENGTH AND WIDTH AS NOTED.

SPECIAL POWER LEGEND

- NEMA L5-30R SINGLE RECEPTACLE, LOCKING TYPE, GROUNDING, 120V - 1PH - 30A.
- A — NEMA L6-30R SINGLE RECEPTACLE, LOCKING TYPE, GROUNDING, 208V - 1PH - 30A, NOTE: CAP AND STOW HOMERUN NEUTRAL WIRE FOR FUTURE USE.
- B — NEMA L14-30R SINGLE RECEPTACLE, LOCKING TYPE, GROUNDING, 120/208V - 1PH - 30A.
- C — NEMA L21-20R SINGLE RECEPTACLE, LOCKING TYPE, GROUNDING, 120/208V - 3PH - 20A.
- D — HUBBELL #CS6369 (CALIF. STD.) SINGLE RECEPTACLE, LOCKING TYPE, GROUNDING,120/208V - 1PH - 50A.
- E — NEMA L5-20R SINGLE RECEPTACLE, LOCKING TYPE, GROUNDING, 120V - 1PH - 20A.
- DUPLEX RECEPTACLE (NEMA 5-20R IN LAB AREAS), NON-LOCKING TYPE, GROUNDING, 120V - 20A. SHADED REPRESENTS ABOVE COUNTER.
- A — RECEPTACLE OUTLETS MOUNTED IN ISODUCT RACEWAY AT +15" UNO. SEE ELECTRICAL DETAILS.

LIGHTING LEGEND

LIGHTING CONTROL ACCEPTANCE TESTING SHALL BE COMPLETED BY THE CONTRACTOR PER TITLE 24 REQUIREMENTS.

COORDINATE THE EXACT MOUNTING AND LOCATION OF ALL LIGHTING, SUPPORTS AND ALL CONDUITS WITH OTHER TRADES PRIOR TO ROUGH-IN. SEE ARCH PLANS FOR EXACT GRID, FLUSH AND SURFACE MOUNTING LOCATIONS.

LIGHTING FIXTURES. SEE FIXTURE SCHEDULE FOR MODEL/PART NUMBERS AND ADDITIONAL DETAILS.

EMERGENCY LIGHTING FIXTURES. SEE FIXTURE SCHEDULE FOR MODEL/PART NUMBERS AND ADDITIONAL DETAILS.

- LUMINAIRE(S) POLE MOUNTED WITH ARM. TYPE AS NOTED.
- LUMINAIRE(S) POLE MOUNTED ON TOP. TYPE AS NOTED.
- EMERGENCY BUGEYE FIXTURE.
- LIGHTED EXIT SIGN. TOP MOUNTED ON CEILING OR STEM MOUNTED. SHADED SIDE INDICATES FACE. PROVIDE ARROWS TO MATCH ARCHITECTURAL OR LIFE SAFETY PLANS.

SUBSCRIPT ADJACENT TO LIGHTING FIXTURE INDICATES:

L#	=	FIXTURE DESIGNATION
1,2,3 etc.	=	BRANCH CIRCUIT NUMBERS
a,b,c etc.	=	SWITCH-LEG REFERENCE
NL	=	NIGHT/SECURITY LIGHTING FIXTURE

RD1A

- MOUNTING: IN-GRADE, PENDANT, OUTDOOR, RECESSED, SURFACE, WALL
- FIXTURE (OPTIONAL): ACCENT, BOLLARD, CYLINDER, DOWNLIGHT, DECORATIVE, LINEAR, POLE, STRIP, TROFFER
- NEW TYPE
- VARIANT: LENGTH, OPTICS, SHAPE, OUTPUT, EMERGENCY

SWITCH LEGEND

MOUNT WALL SWITCHES AT 48" AFF. TO TOP OF HOUSING UNO. VERIFY ALL CONTROL LOCATIONS AND TYPES WITH CONTROLS SHOP DRAWINGS.

- $ — TOGGLE SWITCH.
- DIMMER SWITCH.
- OCCUPANCY SENSOR SWITCH.
- DIMMER/OCCUPANCY SENSOR SWITCH.
- LV — GRAPHICAL LOW VOLTAGE SWITCH.
- M — MOTION SENSOR - CEILING MOUNTED.
- PC — PHOTOCELL - CEILING MOUNTED.
- DS — DAYLIGHT SENSOR - CEILING MOUNTED.

$# SUBSCRIPT ADJACENT TO SWITCH INDICATES:

K	=	KEYED SWITCH
a,b,c etc.	=	MULTIPLE SWITCHES/CONTROL LEGS IN A GANGED BOX WITH A COMMON COVER PLATE.

SITE SYMBOLS LEGEND

- OHP — OHP — NEW CONDUIT AND/OR CONDUCTOR LINE. SEE BELOW FOR TYPICAL DESIGNATIONS
- X — OHP — X — OHP — X — EXISTING TO BE DEMOLISHED CONDUIT AND/OR CONDUCTOR. SEE BELOW FOR TYPICAL DESIGNATIONS
- OHP — EXISTING CONDUIT AND/OR CONDUCTOR LINE TO REMAIN. SEE BELOW FOR TYPICAL DESIGNATIONS

TYPICAL DESIGNATIONS TO BE USED IN CONJUNCTION WITH CONDUIT SYMBOLS

UP	- UNDERGROUND PRIMARY
US	- UNDERGROUND SECONDARY
UC	- UNDERGROUND COMMUNICATIONS
USL	- UNDERGROUND STREET LIGHTING
OHP	- OVERHEAD PRIMARY
OHS	- OVERHEAD SECONDARY
OHC	- OVERHEAD COMMUNICATIONS

O	NEW MANHOLE	S	EXISTING MANHOLE
	NEW HANDHOLE		EXISTING HANDHOLE
T	NEW TRANSFORMER	T	EXISTING TRANSFORMER
SW	NEW MV SWITCH	SW	EXISTING MV SWITCH
	NEW OH POLE		EXISTING OH POLE
	NEW GUY		EXISTING GUY
	NEW OH XFMR		EXISTING OH XFMR

SINGLE LINE LEGEND

- GROUND
- CIRCUIT BREAKER
- TRANSFORMER DELTA PRIMARY, WYE SECONDARY WITH kVA RATING
- SPD — SURGE PROTECTION DEVICE
- GFP — GROUND FAULT PROTECTION
- CB — ENCLOSED CIRCUIT BREAKER
- TC — TIME CLOCK
- M — KILOWATT-HOUR METER
- FUSED SWITCH
- NON-FUSIBLE DISCONNECT SWITCH (RATINGS AS NOTED)
- FUSIBLE DISCONNECT SWITCH (RATINGS AS NOTED)
- MOTOR STARTER (NEMA SIZE AS NOTED)
- 2 — COMBINATION FUSIBLE DISCONNECT SWITCH AND MOTOR STARTER, (NEMA SIZE AS NOTED), 3P, 600 VAC MAXIMUM RATING.
- $T — TOGGLE TYPE FRACTIONAL HP MANUAL MOTOR STARTER WITH THERMAL OVERLOADS (DELETED IF FOR DISCONNECT USE ONLY) AND HANDLE GUARD/LOCK-OFF, 2 POLES (VERIFY WITH BRANCH CIRCUIT).
- EPO - EMERGENCY POWER OFF BUTTON
- MOTOR
- AUTOMATIC TRANSFER SWITCH
- PANEL BOARD

CIRCUIT BREAKER CALLOUT: 225/3 -TRIP SIZE -POLE

FUSE CALLOUT: 150/3 -FUSE SIZE -POLE

ELECTRICAL ABBREVIATIONS

A	AMPERES
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
ALT.	ALTERNATE
ATS	AUTOMATIC TRANSFER SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
C.O.	CONDUIT ONLY
CONC.	CONCRETE
CU	COPPER
DIST.	DISTRIBUTION
DWG.	DRAWING
EM	EMERGENCY
EG	EQUIPMENT GROUND
EXIST.	EXISTING
EX	EXISTING
FA	FIRE ALARM
FLA	FULL LOAD AMPS
GFI	GROUND FAULT INTERRUPTER
HORIZ.	HORIZONTALLY MOUNTED
HP	HORSE POWER
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
JB	JUNCTION BOX
L	LOCKABLE
LTG	LIGHTING
MCA	MINIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MOP	MAXIMUM OVERCURRENT PROTECTION
MTD.	MOUNTED
MTG. HT.	MOUNTING HEIGHT
NIC	NOT IN CONTRACT
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
P	POLE
PB	PULL BOX
PH	PHASE
PNL	PANEL
POC	POINT OF CONNECTION
RCP	RECESSED CEILING PLAN
RECEPT	RECEPTACLE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
SEC	SECURITY
S.N.	SOLID NEUTRAL
SWGR.	SWITCHGEAR
TC	TERMINAL CABINET
TEL.	TELEPHONE
T.I.	TENANT IMPROVEMENT
TR	TAMPER RESISTANT
TYP	TYPICAL
U.C.	UNDER COUNTER
UL	UNDERWRITERS LABORATORY
UNO, UON	UNLESS NOTED OTHERWISE
V	VOLTS
WH	WATER HEATER
WP	WEATHER PROOF
XFMR	TRANSFORMER
X	EXISTING TO REMAIN
XD	EXISTING TO BE DEMOLISHED
XR	EXISTING TO BE RELOCATED
XL	NEW LOCATION OF EXISTING ITEM

GENERAL SYMBOLS LEGEND

- 1 — SHEET NOTE REFERENCE
- 3 / E1 — DETAIL NUMBER DESIGNATION; SHEET ON WHICH DETAIL IS FOUND
- CONDUIT STUBOUT
- CONDUIT RISING UP
- CONDUIT CONCEALED IN WALLS OR CEILING.
- CONDUIT DROP DOWN
- CONDUIT CONCEALED IN FLOOR, UNDERFLOOR, OR BELOW GRADE
- FLEXIBLE CONDUIT
- #8 — CROSSMARKS DENOTE QUANTITY OF NEUTRAL (LONG), PHASE (SHORT), AND GROUND (DOT) CONDUCTORS IN BRANCH CIRCUIT CONDUIT. NO CROSSMARKS DENOTES PHASE, NEUTRAL, AND GROUND WIRES. NUMBER ADJACENT TO CROSSMARKS DENOTES WIRE SIZE OTHER THAN #12 FOR ALL CONDUCTORS UNO.
- A-1 — HOMERUN TO PANEL AND CIRCUITS INDICATED.

SCOPE OF WORK

ELECTRICAL DEISGN OF NEW ELECTRICAL PANEL AND POWER CONNECTIONS TO ACCOMMODATE THE UPGRADE OF THE HVAC UNIT SYSTEM AND EGRESS LIGHTING AT ST. HELENA HS TRACK AND GYM.

DSA APP. NO: xx-xxxxxx

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

Issue Date

REGISTERED PROFESSIONAL ENGINEER STEPHANE N. BEAUVAIS No. E 19108 ELECTRICAL STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

332-007

BE ELEN CONSULTING
SAN DIEGO, CA
WWW.ELENCONSULTING.COM

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

ST. HELENA UNIFIED SCHOOL DISTRICT

PROJECT No.: 2026-022-000

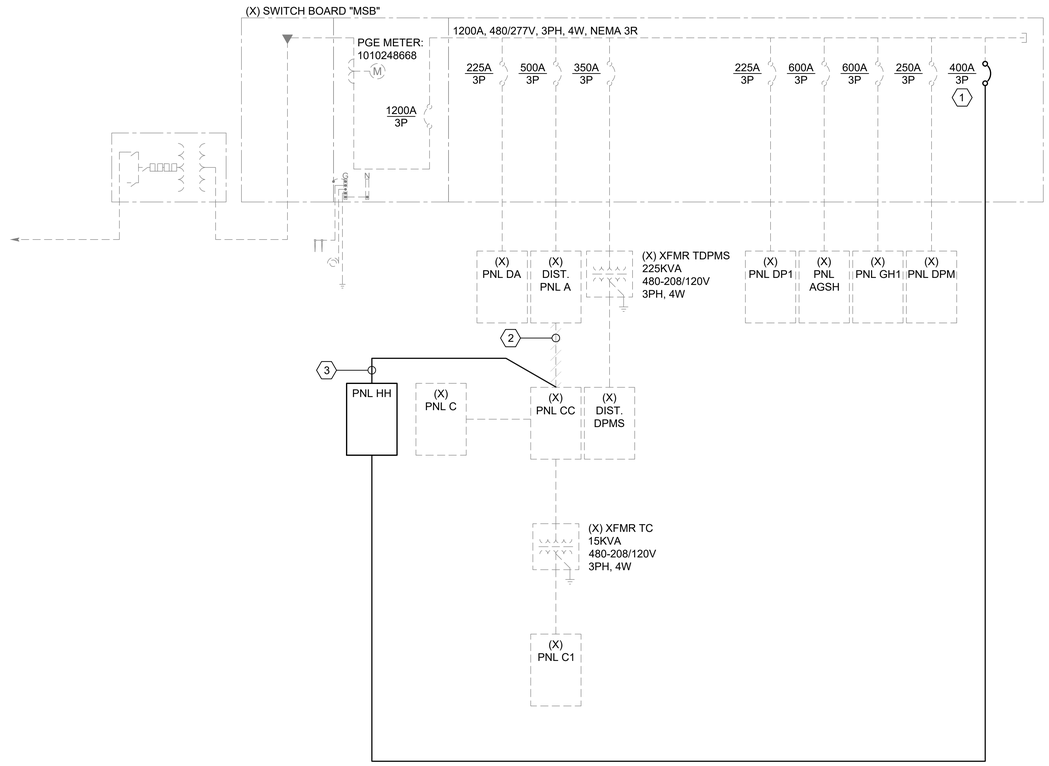
SCHEMATIC DESIGN - 09/01/2026

No.	Description	Date

ELECTRICAL SYMBOLS AND ABBREVIATIONS

E0.1

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt



SINGLE LINE DIAGRAM

SCALE: NTS

SHEET GENERAL NOTES	
A.	CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
B.	ALL ELECTRICAL EQUIPMENT ARE EXISTING TO REMAIN UNO.

SHEET KEYED NOTES	
1	UTILIZE AVAILABLE SPACE FOR NEW CIRCUIT BREAKER AND ANY BUS KIT. BREAKER TO MATCH TYPE AND RATING AS EXISTING.
2	EXISTING FEEDER TO BE DISCONNECTED AND DEMOLISHED.
3	INTERCEPT AND BACKFEED EXISTING PANEL CC TO NEW PANEL HH.

DSA APP. NO: xx-xxxxxx

motive STUDIO

1100 Lincoln Avenue Suite 100
Napa, CA 94558

Issue Date

REGISTERED PROFESSIONAL ENGINEER
STEPHANE N. BEAUVAIS
No. E 19108
ELECTRICAL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

332-007

BE ELEN CONSULTING
5973 AVENIDA VELLA RD. SUITE 201
SAN DIEGO, CA. 92121
WWW.ELENCONSULTING.COM

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

1401 GRAYSON AVE., ST HELENA, CA 94574

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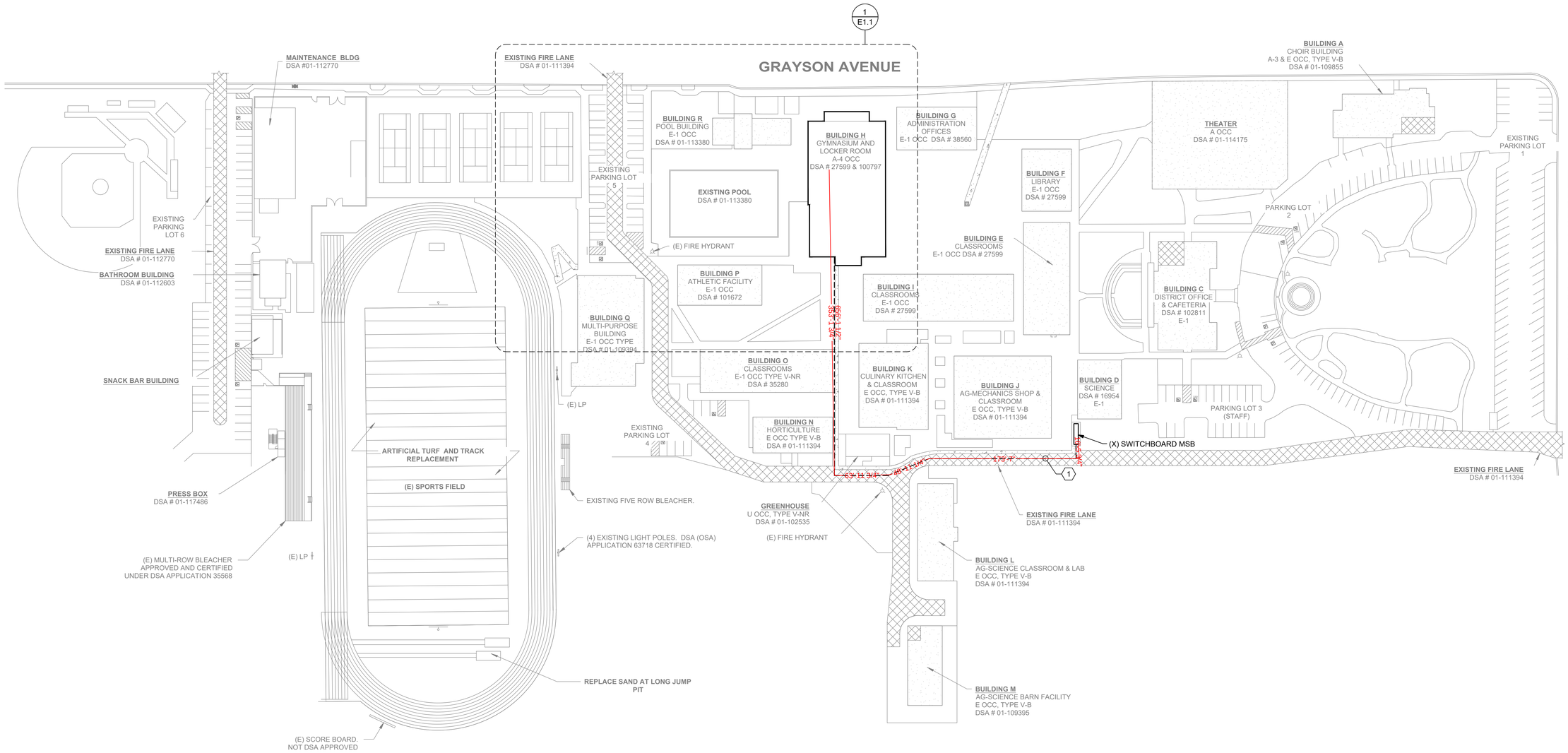
SINGLE LINE DIAGRAM

E0.2

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt

SHEET KEYED NOTES	
1	PROVIDE FEEDER TO PANEL "HH" FROM EXISTING MAIN SWITCHBOARD "MSB".

SHEET GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
B.	ALL ELECTRICAL EQUIPMENT ARE EXISTING TO REMAIN UNO.



1 ELECTRICAL SITE PLAN
SCALE: 1" = 50'-0"

NORTH

0" 25' 75'
12.5' 50' 100'
SCALE: 1" = 50'-0"

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DSA APP. NO: xx-xxxxxx

motive STUDIO
1100 Lincoln Avenue Suite 100
Napa, CA 94558

Issue Date

REGISTERED PROFESSIONAL ENGINEER
STEPHANE N. BEAUVAIS
No. E 19108
ELECTRICAL
STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

332-007

BE ELEN CONSULTING
1671 KEARNY VILLA RD., SUITE 204
SAN DIEGO, CA 92123
WWW.ELENCONSULTING.COM

ST. HELENA UNIFIED SCHOOL DISTRICT

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1401 GRAYSON AVE., ST HELENA, CA 94574

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PROJECT No.: 2026-022-000

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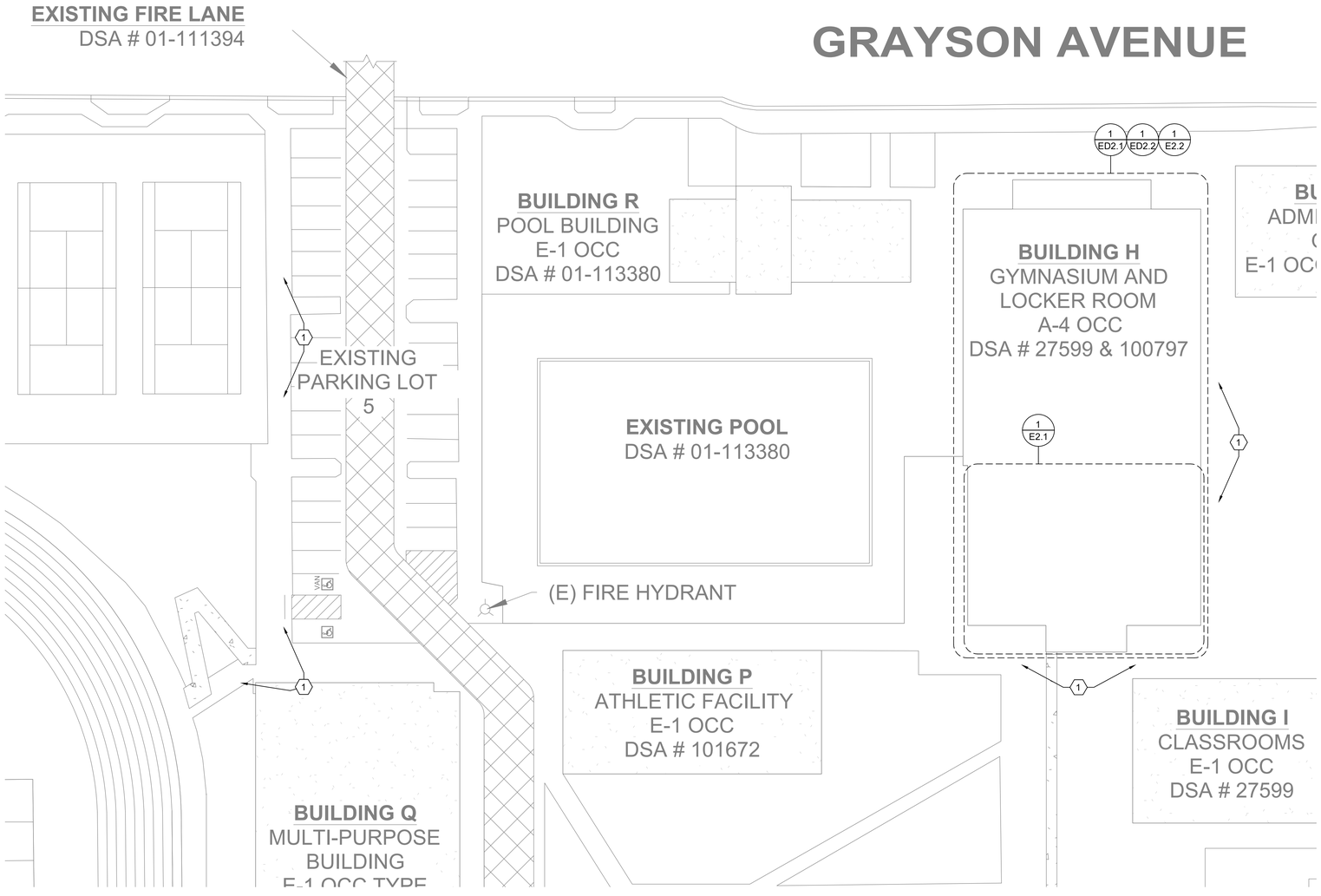
No.	Description	Date

ELECTRICAL SITE PLAN

E1.0

SHEET KEYED NOTES	
1	PROVIDE LIGHTING FIXTURES FOR EGRESS PATHWAY.

SHEET GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
B.	ALL ELECTRICAL EQUIPMENT ARE EXISTING TO REMAIN UNO.



1 ENLARGED SITE PLAN
SCALE: 1" = 50'-0"

NORTH

0" 10' 30'
5' 20' 40'
SCALE: 1" = 20'-0"

DSA APP. NO: xx-xxxxxx

motive STUDIO

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Napa, CA 94558

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REGISTERED PROFESSIONAL ENGINEER
STEPHANE N. BEAUVAIS
No. E 19108
ELECTRICAL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

332-007

BE ELEN CONSULTING
5670 MURRAY VILLA RD, SUITE 200
SAN DIEGO, CA. 92123
WWW.ELENCONSULTING.COM

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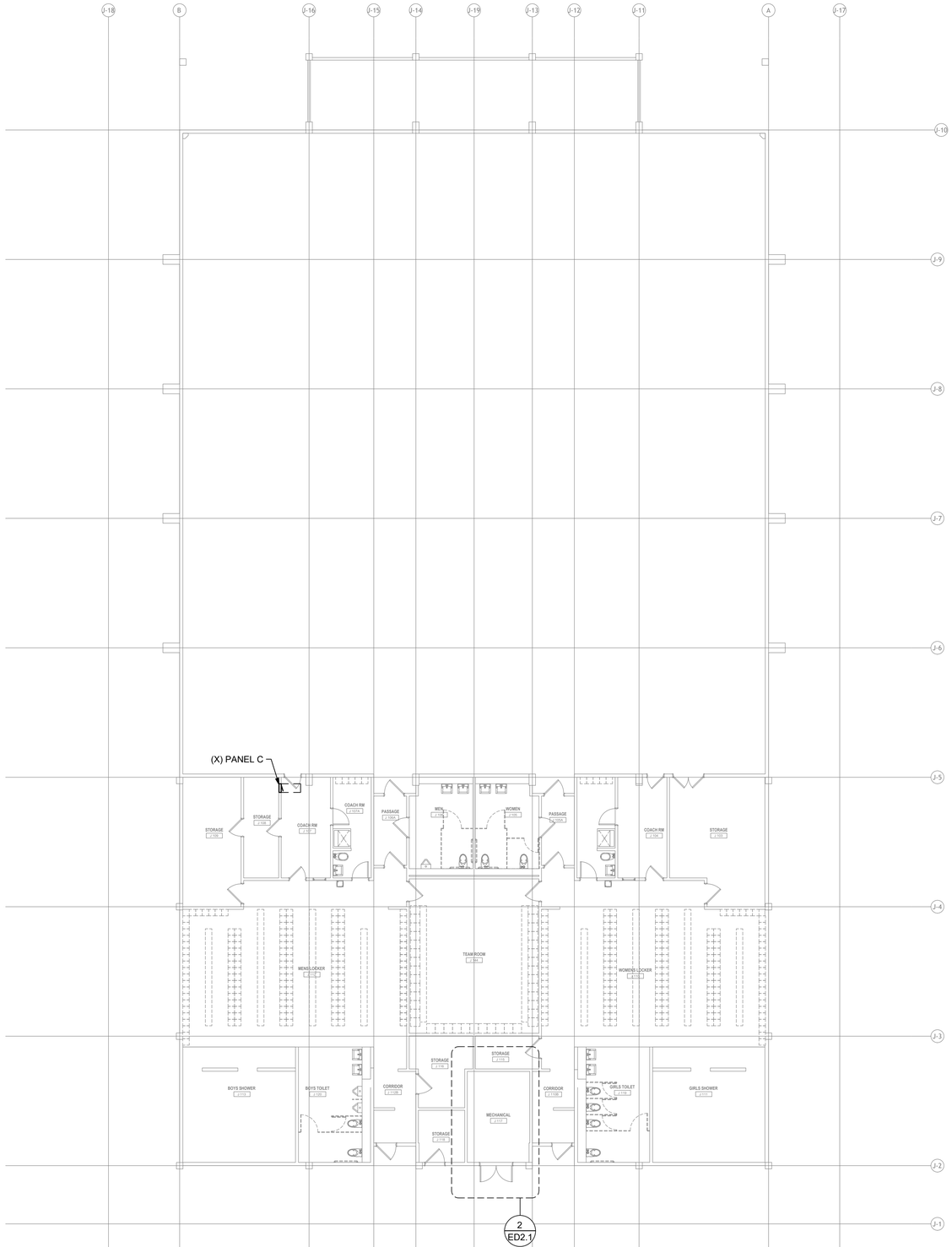
ENLARGED SITE PLAN

E1.1

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt

SHEET GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
B.	ALL ELECTRICAL EQUIPMENT ARE EXISTING TO REMAIN UNO.

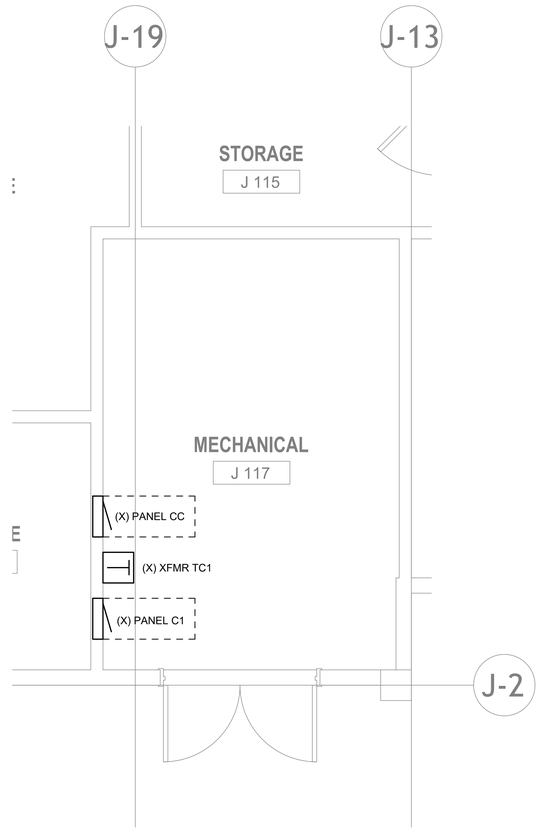
SHEET KEYED NOTES	
1	INSERT NOTE HERE.



1 ELECTRICAL DEMO FLOOR PLAN - BUILDING H
SCALE: 1/8" = 1'-0"

NORTH

0" 4' 12'
2' 8' 16'
SCALE: 1/8" = 1'-0"



2 ENLARGED MECHANICAL RM
SCALE: 1/2" = 1'-0"

NORTH

0" 1' 3'
6" 2' 4'
SCALE: 1/2" = 1'-0"

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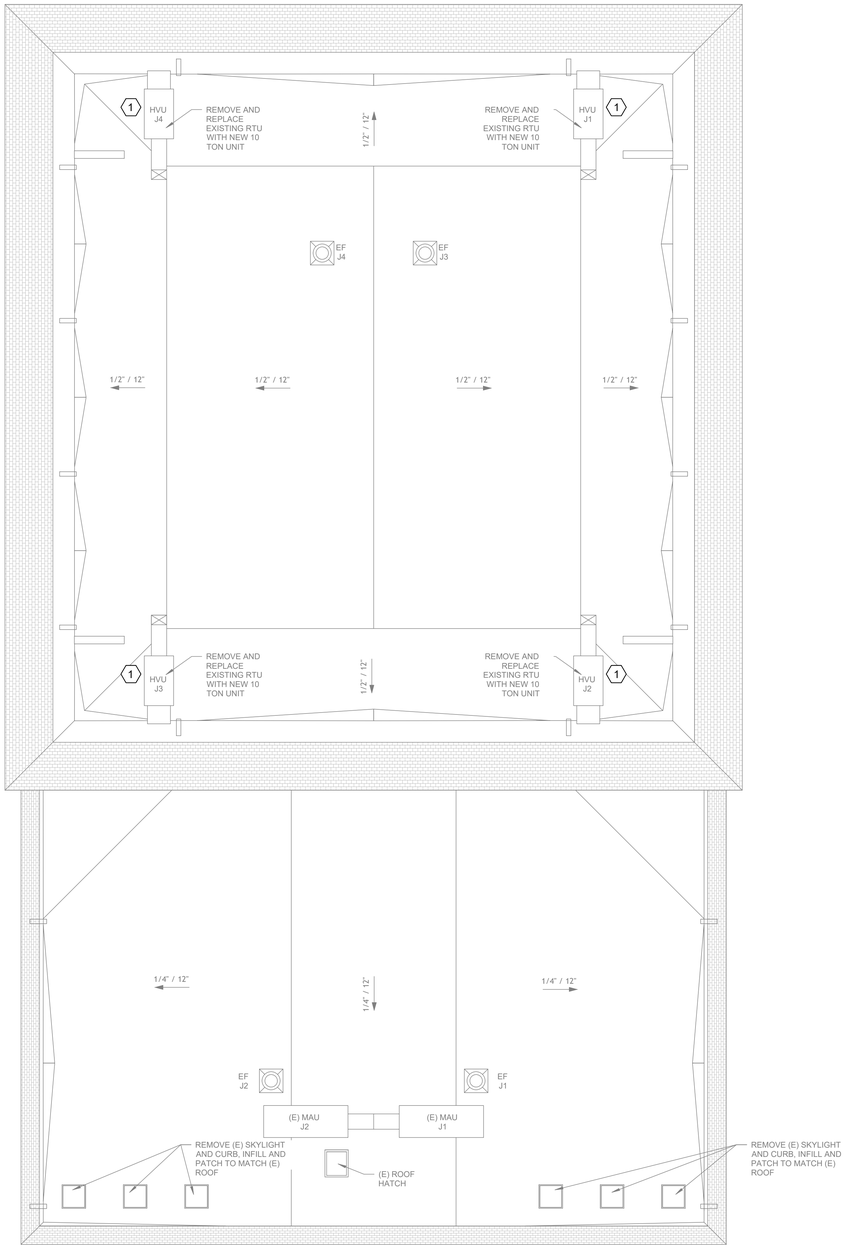
ELECTRICAL DEMO FLOOR PLAN - BUILDING H

ED2.1

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt

SHEET GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.

SHEET KEYED NOTES	
1	DISCONNECT EXISTING LOAD AND REMOVE FEEDER BACK TO SOURCE.



1 ELECTRICAL DEMO ROOF PLAN - BUILDING H
SCALE: 1/8" = 1'-0"

NORTH

0" 4' 12'
2' 8' 16'
SCALE: 1/8" = 1'-0"

DSA APP. NO: xx-xxxxxx

motive STUDIO

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Napa, CA 94558

Issue Date

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STEPHANE N. BEAUVAIS
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STATE OF CALIFORNIA

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BELEN CONSULTING
5671 KEARNY VILLA RD SUITE 201
SAN DIEGO, CA 92123
WWW.BELENCONSULTING.COM

ST. HELENA UNIFIED SCHOOL DISTRICT

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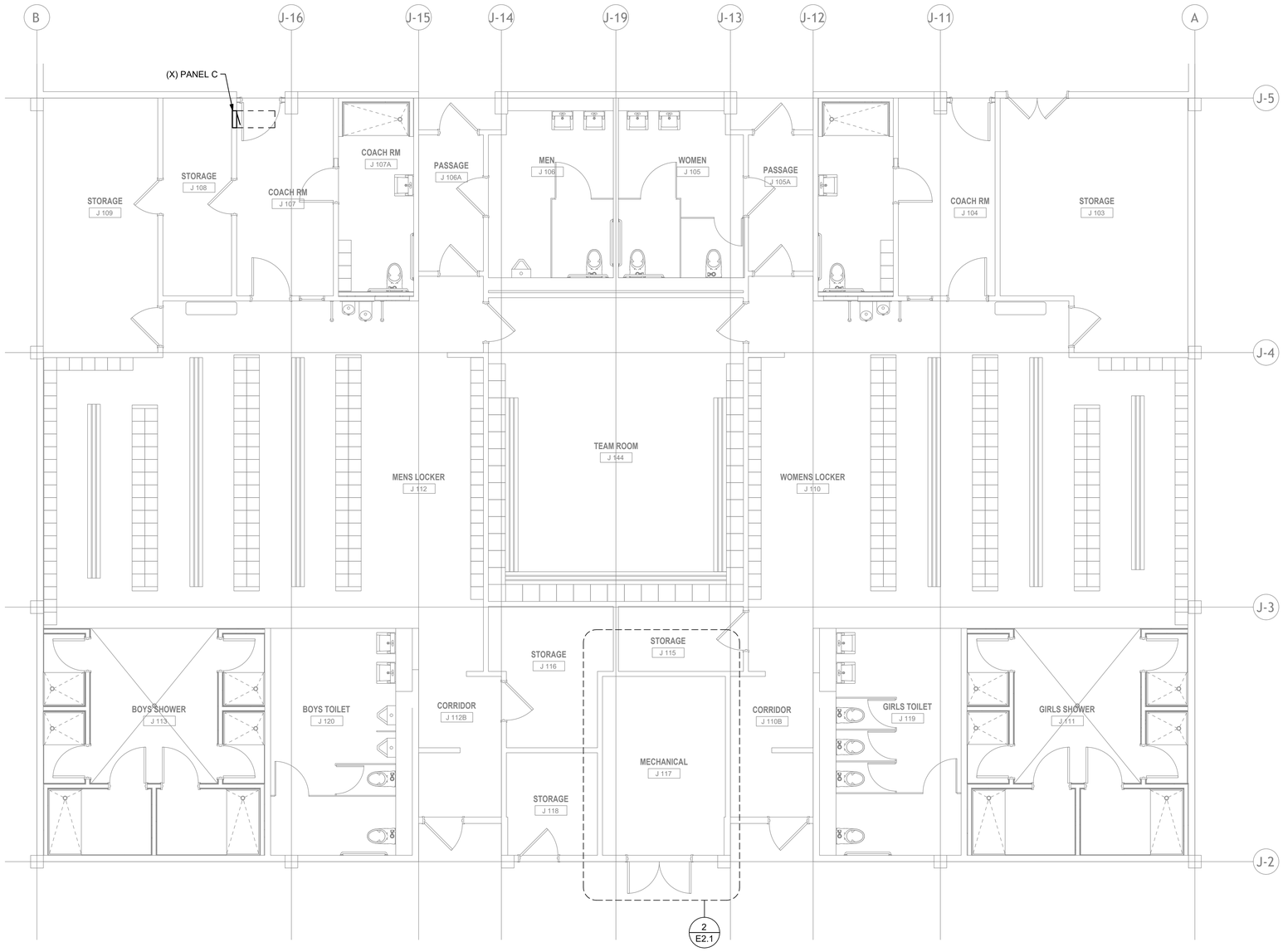
ELECTRICAL DEMO ROOF PLAN - BUILDING H

ED2.2

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt

SHEET GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
B.	ALL ELECTRICAL EQUIPMENT ARE EXISTING TO REMAIN UNO.

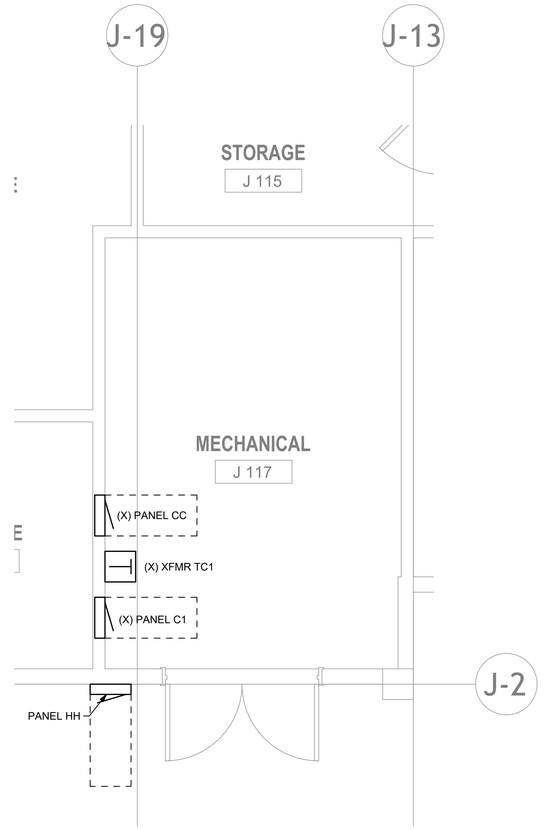
SHEET KEYED NOTES	
1	INSERT NOTE HERE.



1 ENLARGED ELECTRICAL PLAN - BUILDING H LOCKERS
SCALE: 1/4" = 1'-0"

NORTH

0" 2' 6'
1' 4' 8'
SCALE: 1/4" = 1'-0"



2 ENLARGED MECHANICAL RM
SCALE: 1/2" = 1'-0"

NORTH

0" 1' 3'
6" 2' 4'
SCALE: 1/2" = 1'-0"

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332-007

BE ELEN CONSULTING
5475 KEARNY VILLA RD. SUITE 200
SAN DIEGO, CA 92123
WWW.ELENCONSULTING.COM

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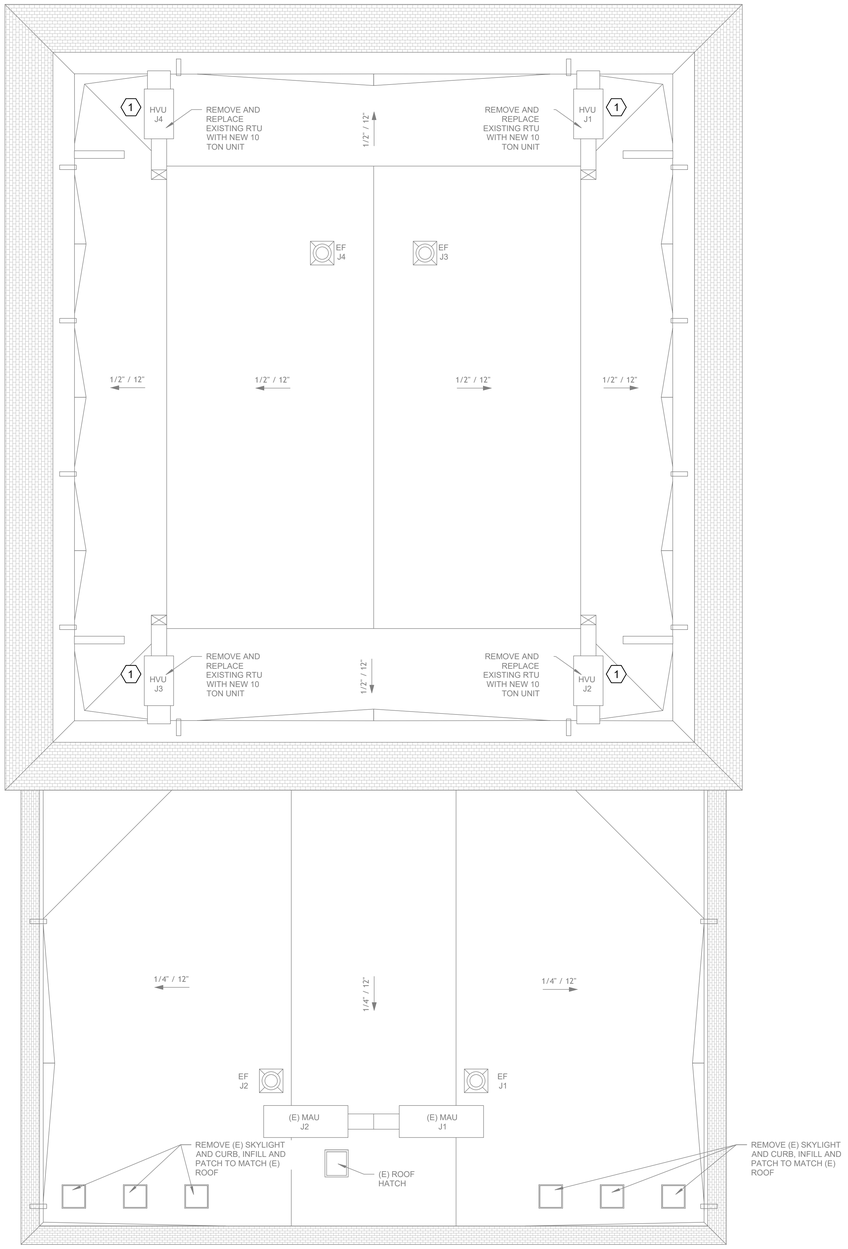
ENLARGED ELECTRICAL PLAN - BUILDING H LOCKERS

E2.1

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt

SHEET GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.

SHEET KEYED NOTES	
1	CONNECT NEW EQUIPMENT TO PANEL "G".



1 MECHANICAL POWER ROOF PLAN - BUILDING H
SCALE: 1/8" = 1'-0"

NORTH

0" 4' 12'
2' 8' 16'
SCALE: 1/8" = 1'-0"

DSA APP. NO: xx-xxxxxx

motive STUDIO

1100 Lincoln Avenue Suite 100
Napa, CA 94558

Issue Date

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STEPHANE N. BEAUVAIS
No. E 19108
ELECTRICAL
STATE OF CALIFORNIA

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BELEN CONSULTING
5671 KEARNY VILLA RD SUITE 201
SAN DIEGO, CA 92123
WWW.BELENCONSULTING.COM

ST. HELENA UNIFIED SCHOOL DISTRICT

ST. HELENA HS TRACK AND GYM MODERNIZATION

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SCHEMATIC DESIGN - 09/01/2026

No.	Description	Date

MECHANICAL POWER ROOF PLAN - BUILDING H

E2.2

Autodesk Docs://St Helena High School Turf and Gym/2026-022-SHHS Turf and Gym_ARCH.rvt

OVERALL PLAN



SITE IMPROVEMENT LEGEND

1. REPAVE ACCESSIBLE PARKING AT MAIN PARKING LOT WITH CONCRETE OR ASPHALT, RESTRIPE ACCESSIBLE STALLS.
2. RESTRIPE EXISTING ACCESSIBLE PARKING STALLS AND ACCESS AISLE
3. REPLACE FLAG OF CONCRETE PAVING TO NEAREST SCORE JOINT TO ACCOMODATE MAX CROSS SLOPE OF 2% AND MAX RUNNING SLOPE OF 5%, TBD
4. PROTECT EXISTING TREES IN PLACE, REPAIR AND REPLACE LANDSCAPE AND IRRIGATION AFFECTED BY STORM DRAIN LINE MODIFICATIONS
5. CONSIDER PERMEABLE PAVERS AT LOW POINT OF QUAD FOR MORE STORMWATER STORAGE VOLUME CAPACITY DURING STORM EVENTS TO ALLOW TIME FOR PUMP TO REMOVE STANDING WATER.
6. TRACK AND FIELD IMPROVEMENTS, SEE SHEET L2
7. GYM MODERNIZATION, S.A.D.
8. SNACK BAR MODERNIZATION, S.A.D.

*****NOTE: ALL CAMPUS ACCESSIBLITY IMPROVEMENTS PENDING REVIEW OF TOPOGRAPHIC SURVEY IN COORDINATION WITH CIVIL ENGINEER**

AEON
LANDSCAPE
ARCHITECTURE, INC.
WWW.AEONLANDSCAPE.COM
P.O. BOX 5231
VACAVILLE, CA 95696
(707)469-3900

ST. HELENA HIGH SCHOOL
TRACK AND GYM MODERNIZATION
1401 GRAYSON AVENUE, ST. HELENA, CA 94574

SCHEMATIC DESIGN CONCEPT

NOT FOR CONSTRUCTION

DESCRIPTION:	DATE:
PRELIMINARY DESIGN	08/12/2026
PROJECT NUMBER:	P2607

DRAWING SCALE: NTS
INCH INCREMENTS ARE SHOWN AT FULL SCALE ON ORIGINAL DRAWING. IF NOT ACCURATE, ADJUST SCALE ACCORDINGLY. VERIFY BEFORE SCALING.

0 1/2" 1" 2"

OVERALL IMPROVEMENT PLAN KEY MAP

L1

TRACK AND FIELD IMPROVEMENTS ENLARGEMENT PLAN



LANDSCAPE LEGEND

1. REMOVE AND DISPOSE OF EXISTING SYNTHETIC TURF CARPET AND INFILL MATERIAL, PROTECT EXISTING PERMEABLE BASE IN PLACE. INSTALL NEW SHOCK PAD, SYNTHETIC TURF AND INFILL, TBD.
2. INSPECT EXISTING PRESSURE TREATED NAILER BOARDS, REPLACE WITH 2X4 COMPOSITE NAILER BOARDS, IF REQUIRED. ADJUST ELEVATION OF NAILER BOARD IF REQUIRED TO ACCOMODATE TURF/SHOCKPAD.
3. REMOVE AND DISPOSE OF EXISTING POLYURETHANE TRACK SURFACING AT TRACK AND AND HIGH JUMP RUNWAY. PROTECT EXISTING APSPHALT BASE IN PLACE. INSPECT, CLEAN, AND PATCH ASPHALT BASE AND INSTALL NEW POLYURETHANE TRACK SURFACING (BASEMAT STRUCTURAL SPRAY WITH IMPERMEABLE SEAL LAYER, TBD)
4. REMOVE AND DISPOSE OF EXISTING POLYURETHANE TRACK SURFACING AT LONG/TRIPLE/POLE VAULT RUNWAYS, AND JUMP PIT CURBS PROTECT EXISTING CONCRETE IN PLACE. CLEAN CONCRETE AND INSTALL NEW POLYURETHANE TRACK SURFACING (BASEMAT STRUCTURAL SPRAY WITH IMPERMEABLE SEAL LAYER, TBD)
5. EXISTING SLOT DRAIN TO REMAIN, CLEAN AND FLUSH OF ALL DEBRIS AND ENSURE FREE AND CONTINUOUS DRAINAGE AND NO STANDING WATER.
6. REMOVE AND SAFELY STORE JUMP PIT SAND, INSPECT DRAINAGE AND BASE, APPLY SOIL STERILANT AND REMOVE ANY WEEDS AND VEGETATION AND RE-INSTALL JUMP PIT SAND, TYPICAL OF (2) PITS.
7. NEW ST. HELENA HIGH SCHOOL CENTER LOGO IN SCHOOL COLORS, SEE ENLARGEMENT ON SHEET L3
8. NEW “SAINTS” ENDZONE LETTERING IN FONT “BOLTON COMMERCIAL” AS SHOWN. MATCH EXISTING
9. NEW STANDARD HIGH SCHOOL FOOTBALL FIELD MARKINGS, WHITE, 4” LINE THICKNESS, TUFTED OR INLAID
10. NEW HIGH SCHOOL SOCCER FIELD MARKINGS (118 YARD X 58 YARDS) YELLOW 4” LINE THICKNESS, (GHOSTED BEHIND FOOTBALL FIELD MARKINGS AS NEEDED) TUFTED OR INLAID
11. EXISTING FIELD GOAL UPRIGHTS TO REMAIN, PROTECT IN PLACE
12. FINAL ACCESSIBILE PATH OF TRAVEL IMPROVEMENTS, PENDING TOPOGRAPHIC SURVEY
13. EXISTING TRACK ACCESS GATES TO REMAIN. ADD COMPLIANCE SIGN TO EXISTING TRACK AND FIELD ACCESS GATES ON PATH OF TRAVEL, TBD AS REQUIRED BY DSA: “GATE IS TO REMAIN UNLOCKED IN THE OPEN POSITION DURING SCHOOL HOURS OR DURING ANY PUBLIC FUNCTION”
14. OPTIONAL PATCH AND REPAIR TRACK IN LIEU OF RESURFACING AT THIS TIME: PATCH AND REPAIR AND RE-ADHERE FAILING BONDING AT TRACK PERIMETER EDGES AND SLOT DRAIN TO PREVENT ONGOING STORMWATER INTRUSION TO ASPHALT BASE.
15. NEW TRACK EVENT MARKINGS SHALL BE SURVEYED AND PAINTED BY A CERTIFIED TRACK BUILDER TO MATCH EXISTING, 400M EQUAL QUADRANT TRACK, WITH UPDATED EXCHANGE ZONE MARKINGS PER NFHS
16. ADD CONCRETE ACCESS PATHWAY TO SHOTPUT THROWING CIRCLE, STANDARD GREY, MEDIUM BROOM PAVING
17. DECOMPACT AND WEED EXISTING SHOTPUT SURFACE, RESTRIPE SCORING SECTOR LINES TO CURRENT NFHS STANDARD
18. OPTIONAL: INSTALL NEW SYNTHETIC TURF SHOTPUT LANDING SECTOR SURFACING, PERIMETER CURBS AND DRAINAGE
19. REDUCE NUMBER OF QUICK COUPLERS, AND MODIFY INTO BURIED VALVE BOXES WITH TURF GLUED TO LIDS. SEE PROPOSED DETAIL SHEET L3

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LANDSCAPE ARCHITECTURE, INC.
WWW.AEONLANDSCAPE.COM
P.O. BOX 5231
VACAVILLE, CA 95696
(707)469-3900

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SCHEMATIC DESIGN CONCEPT

NOT FOR CONSTRUCTION

DESCRIPTION:	DATE:
PRELIMINARY DESIGN	08/12/2026
PROJECT NUMBER:	P2607

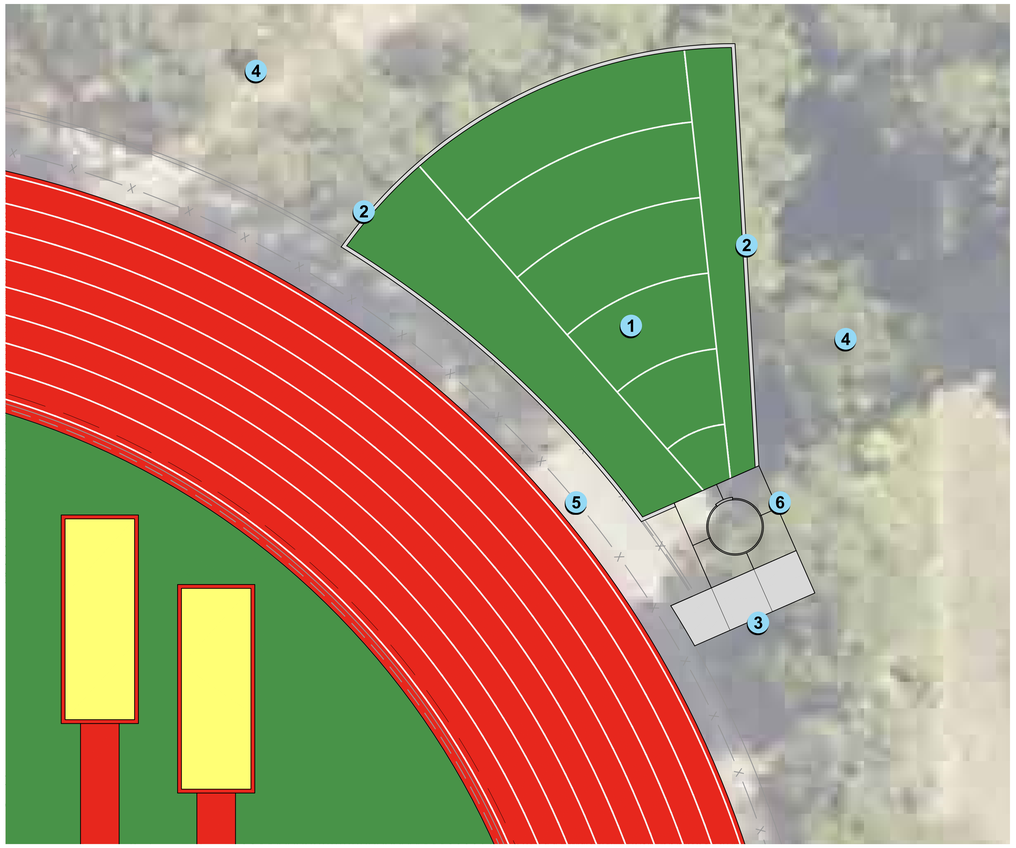
DRAWING SCALE: 1”=20’-0”
INCH INCREMENTS ARE SHOWN AT FULL SCALE ON ORIGINAL DRAWING. IF NOT ACCURATE, ADJUST SCALE ACCORDINGLY. VERIFY BEFORE SCALING.

0’ 10’ 20’ 40’
0 1/2” 1” 2”

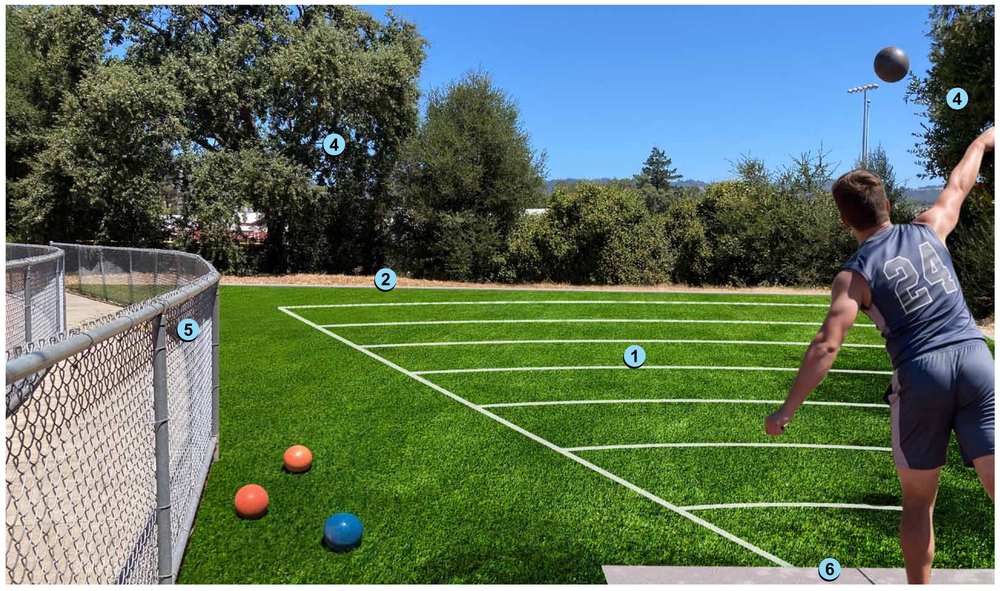
TRACK AND FIELD ENLARGEMENT PLAN

L2

OPTIONAL SYNTHETIC TURF SHOTPUT LANDING AREA



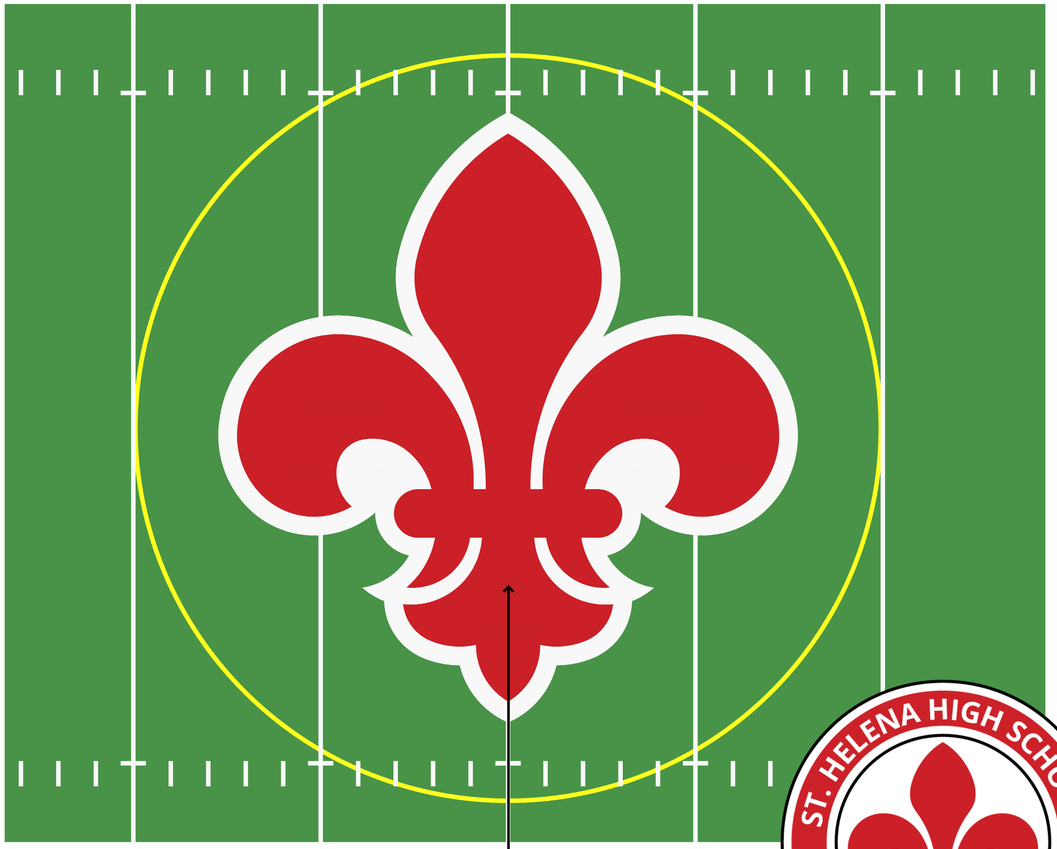
VIEW OF SYNTHETIC TURF SHOTPUT LANDING AREA



LANDSCAPE LEGEND

1. SYNTHETIC TURF SURFACING WITH TUFTED SHOTPUT SCORING SECTOR LINES
2. PERIMETER CURB
3. CONCRETE PATHWAY TO EXISTING SHOTPUT THROWING CIRCLE
4. EXISTING TREES TO REMAIN
5. EXISTING FENCE TO REMAIN
6. EXISTING THROWING CIRCLE

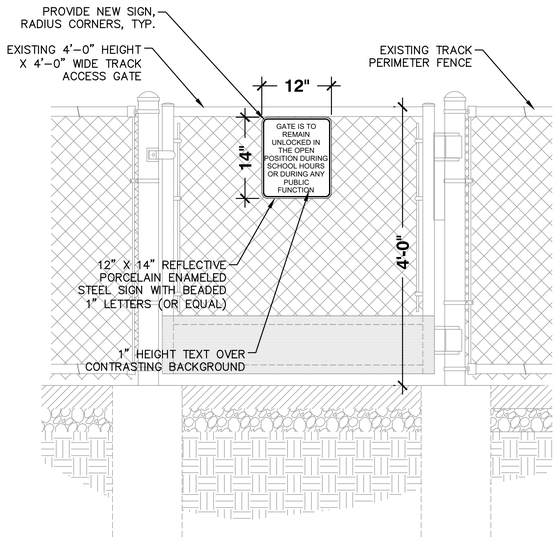
UPDATED CENTER FIELD LOGO



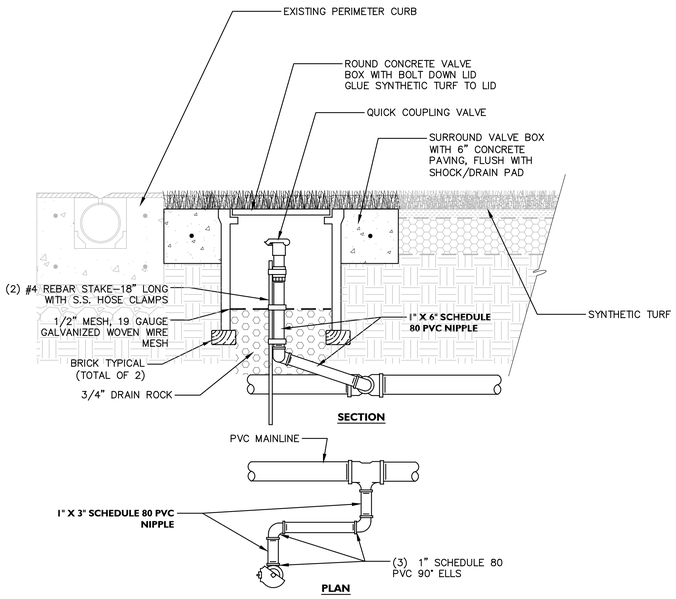
FIELD CENTER LOGO UPDATED TO MATCH CURRENT SCHOOL LOGO

2 COLOR LOGO, BURGUNDY AND WHITE, APPROXIMATELY 46' X 49', TUFTED OR INLAID INTO TURF FIELD

PRELIMINARY ACCESS GATE SIGNAGE



PRELIMINARY QUICK COUPLER MODIFICATION



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ST. HELENA HIGH SCHOOL TRACK AND GYM MODERNIZATION
1401 GRAYSON AVENUE, ST. HELENA, CA 94574

SCHEMATIC DESIGN CONCEPT

NOT FOR CONSTRUCTION

DESCRIPTION:	DATE:
PRELIMINARY DESIGN	08/12/2026
PROJECT NUMBER:	P2607

DRAWING SCALE: NTS
INCH INCREMENTS ARE SHOWN AT FULL SCALE ON ORIGINAL DRAWING. IF NOT ACCURATE, ADJUST SCALE ACCORDINGLY. VERIFY BEFORE SCALING.

0 1/2" 1" 2"

ADDITIONAL ENLARGEMENTS AND DETAILS

L3

PENDING

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0 1/2" 1" 2"

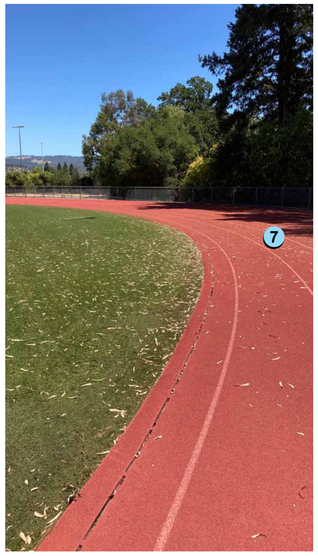
PRELIMINARY TRACK AND FIELD REPLACEMENT OPTIONS / COSTS

L4

TRACK AND FIELD OBSERVATIONS

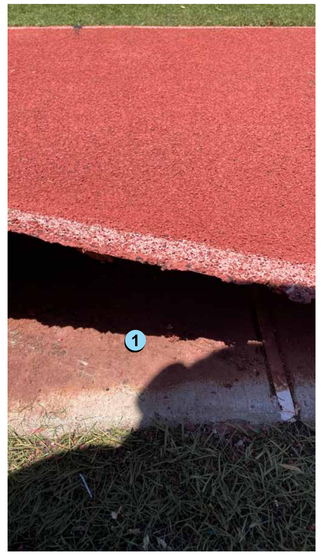
1. INNER AND OUTER PERIMETER OF TRACK DELAMINATING FROM ASPHALT BASE AND CURBING IN MANY AREAS
2. SIGNIFICANT MATTING, DEGRADATION AND SPALLING OF TURF FIBERS
3. LIP EXCEEDING 1/2" BETWEEN TRACK AND FIELD, TYPICAL WHOLE TRACK
4. SIGNFICIANTLY CLOGGED SLOT DRAIN, SLOT DRAIN NOT DRAINING IN A NUMBER OF AREAS
5. WEED GROWTH BETWEEN TRACK AND FIELD
6. INLAID FIELD MARKINGS AND LOGOS SITTING PROUD OF ADJACENT TURF, NOTICEABLE DIFFERENCE IN FOOT FEEL.
7. TRACK SURFACING HARD AND COMPACTED ADJACENT TO EUCALYPTUS TREE DUE TO PERSISTENT DEBRIS ON THE SURFACE
8. TRACK SURFACING DETERIORATING AT CERTAIN HIGH TRAFFIC EDGE ZONES
9. TRACK SURFACE MARKINGS FADED
10. TRACK SURFACING SEPARATING FROM POLE VAULT BOX
11. INFILL DEPTH INSUFFICIENT, FIELD HAS A HARD FOOT FEEL
12. NO ACCESSIBLE ROUTE TO SHOTPUT
13. WEED GROWTH AND OVERCOMPACTION IN SHOTPUT AREA
14. FADED LINES IN SHOTPUT AREA
15. BUILDUP OF DECAYING VEGETATION AT EDGE OF TRACK AND FIELD
16. QUICK COUPLER INSTALLATION DIFFICULT TO ACCESS



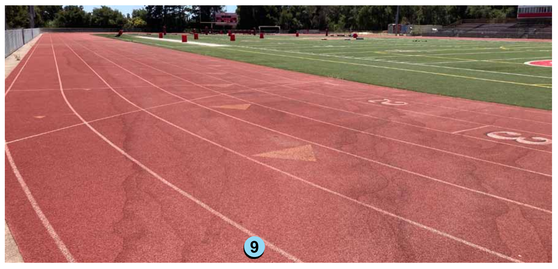




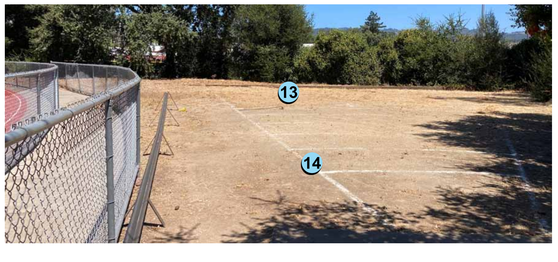


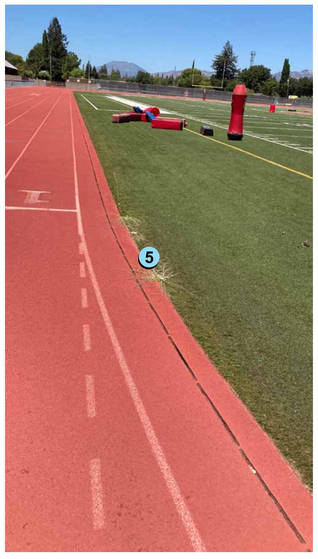


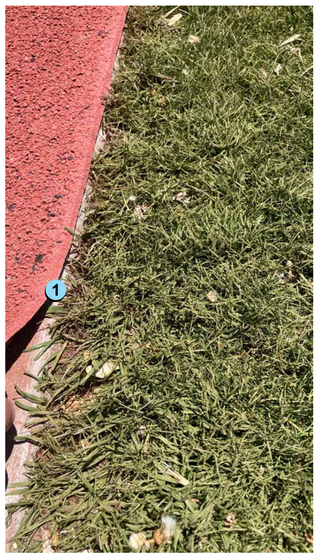


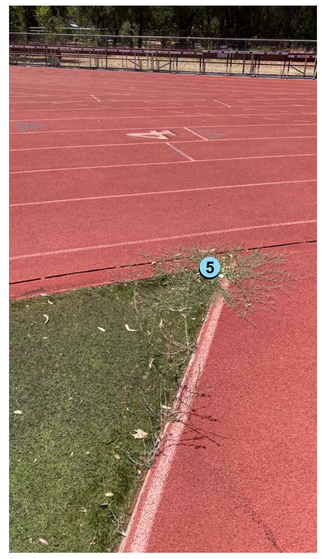


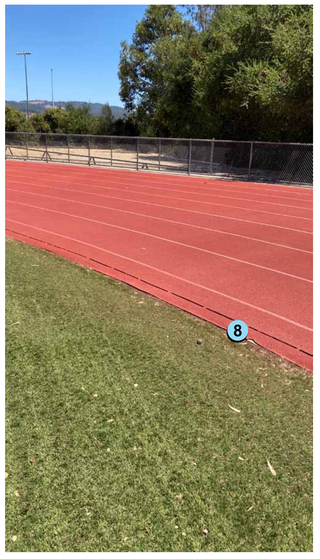




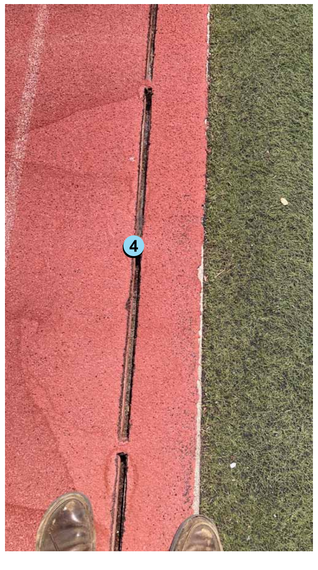




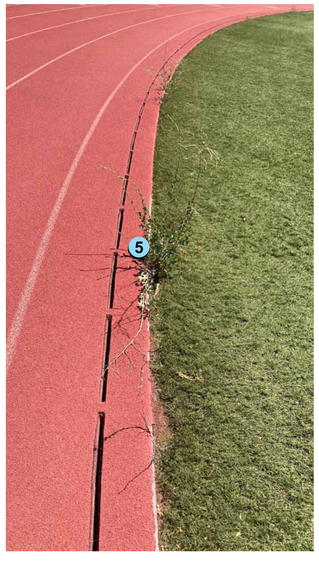
















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0 1/2" 1" 2"

EXISTING TRACK AND FIELD OBSERVATIONS AND PHOTOS

L5

ADDENDUM 3: Attachment 2

Attachment 1

Cost Allocation Breakdown

Project (On Site Jobsite Staff)	Direct Cost of the Work	General Conditions	Overhead and Profit	Paid by District
Project Manager		x		
Project Superintendent		x		
Project Engineer		x		
Record Drawings		x		
Secretarial/Clerk Typist		x		
Quality Control Program		x		
Temporary Utilities	**Direct Cost of the Work**	**General Conditions**	**Overhead and Profit**	**Paid by District**
Telephone Installation		x		
Telephone Monthly Charges		x		
Elect Power Installation		x		
Elect Power Distribution - Wiring/Spider boxes/Lighting for construction		x		
Permanent Elect Power Monthly Charges				x
All Temporary Power Costs		x		
Water Service for Construction		x		
Heating & Cooling Costs for construction		x		
Light Bulbs & Misc. Supplies for construction		x		
Clean-Up-Periodical		x		
Clean-Up-Final		x		
Dump Permits and Fees		x		
Recycling/Trash Dumpster Removal/Hauling		x		
Dust Control	x			
Temporary Road and Maintenance if required		x		
Trash Chute & Hopper (if applicable)		x		
Direct Job Costs	**Direct Cost of the Work**	**General Conditions**	**Overhead and Profit**	**Paid by District**
Wages of Construction Labor	x			
Labor/Fringe Benefits & Burden	x			
Subcontract Costs	x			
Material & Equipment/Included		x		
a. Contractor Owned Equip. trucks		x		
b. Small Tools – Purchase		x		
c. Small Tools – Rental		x		
Warranty Work & Coordination			x	
Temporary Facilities	**Direct Cost of the Work**	**General Conditions**	**Overhead and Profit**	**Paid by District**
Office Trailer, Storage Trailer & Tool Shed Rental		x		
Office Furniture/Equip/Computers		x		
Xerox Copies/Misc Printing		x		
Postage/UPS/FedEx		x		
Project Photographs		x		
Temporary Toilets		x		
Project Sign		x		
Temporary Fencing/Enclosures		x		
Covered Walkways if required	x			
Barricades	x			
Temporary Stairs	x			
Opening Protection	x			
Safety Railing & Nets	x			
Drinking Water/Cooler/Cup		x		
Safety /First Aid Supplies		x		
Fire Fighting Equipment		x		
Phone/fax lines, cell phones, WiFi		x		

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Miscellaneous Project Costs	Direct Cost of the Work	General Conditions	Overhead and Profit	Paid by District
Printing - Drwgs & Specs				x
Initial Soils Investigation				x
Testing and Inspection				x
Maintenance After Occupancy				x
Hoisting	**Direct Cost of the Work**	**General Conditions**	**Overhead and Profit**	**Paid by District**
Hoist & Tower Rental	x			
Hoist Landing & Fronts	x			
Hoist Operator	x			
Hoist Safety Inspections	x			
Hoist Material Skips/Hoppers	x			
Erect & Dismantle Hoists	x			
Crane Rental	x			
Crane Operators	x			
Crane Safety Inspections	x			
Erect & Dismantle Crane	x			
Fuel, Repairs, Maintenance	x			
Crane Raising/Jumping Costs	x			
Safety Inspections	x			
Forklift Rental	x			
Forklift Operator	x			
Forklift Safety Inspections	x			

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