DESIGN TEAM

OLSEN AND PETERSON CONSULTING ENGINEERS - MECHANICAL

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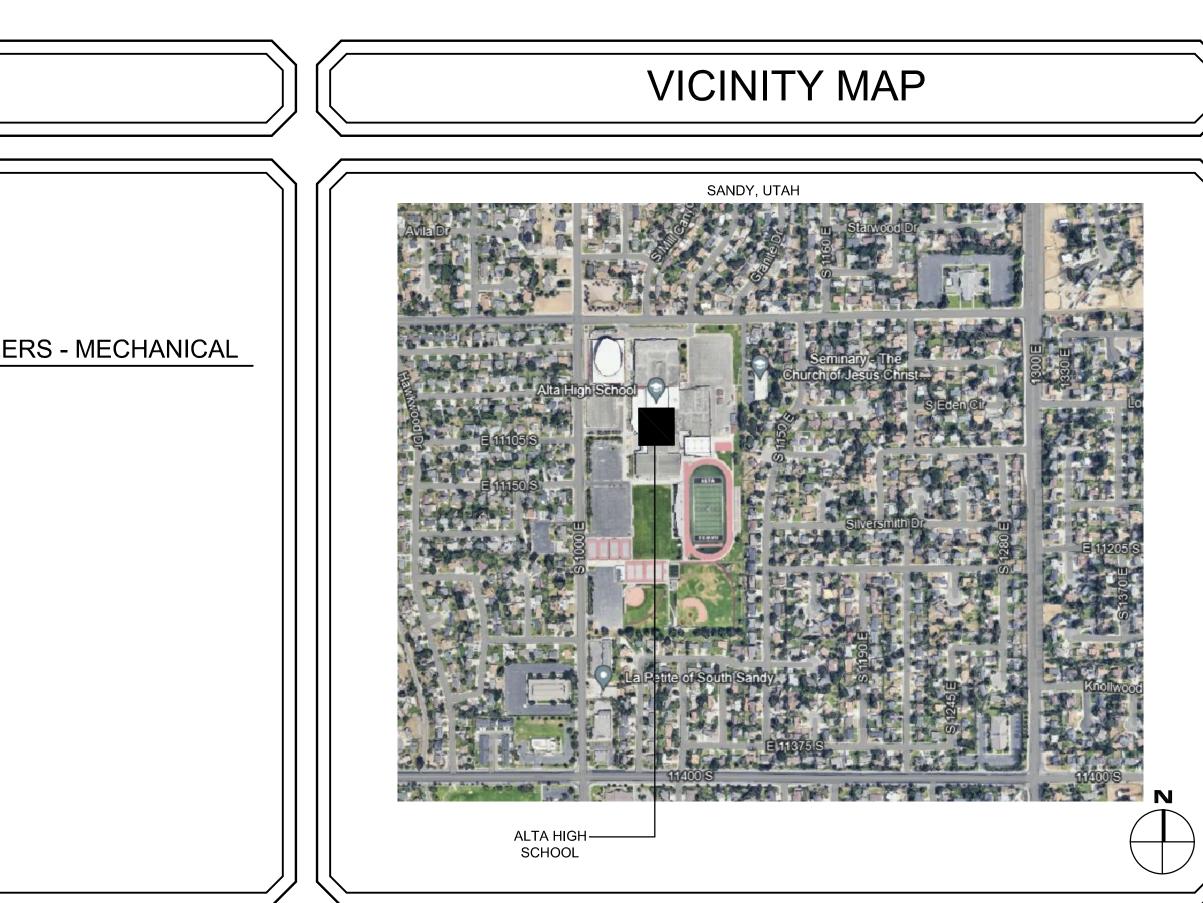
ALTA HIGH SCHOOL GYM FIRE PROTECTION for the **BOARD OF EDUCATION - CANYONS SCHOOL DISTRICT**

FACILITY

ALTA HIGH SCHOOL

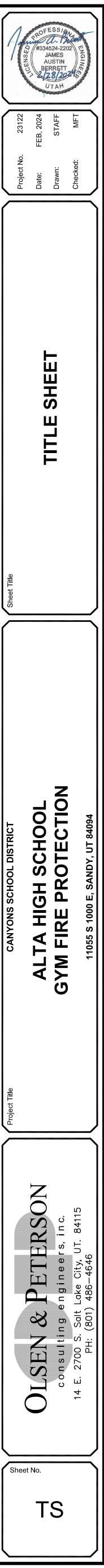
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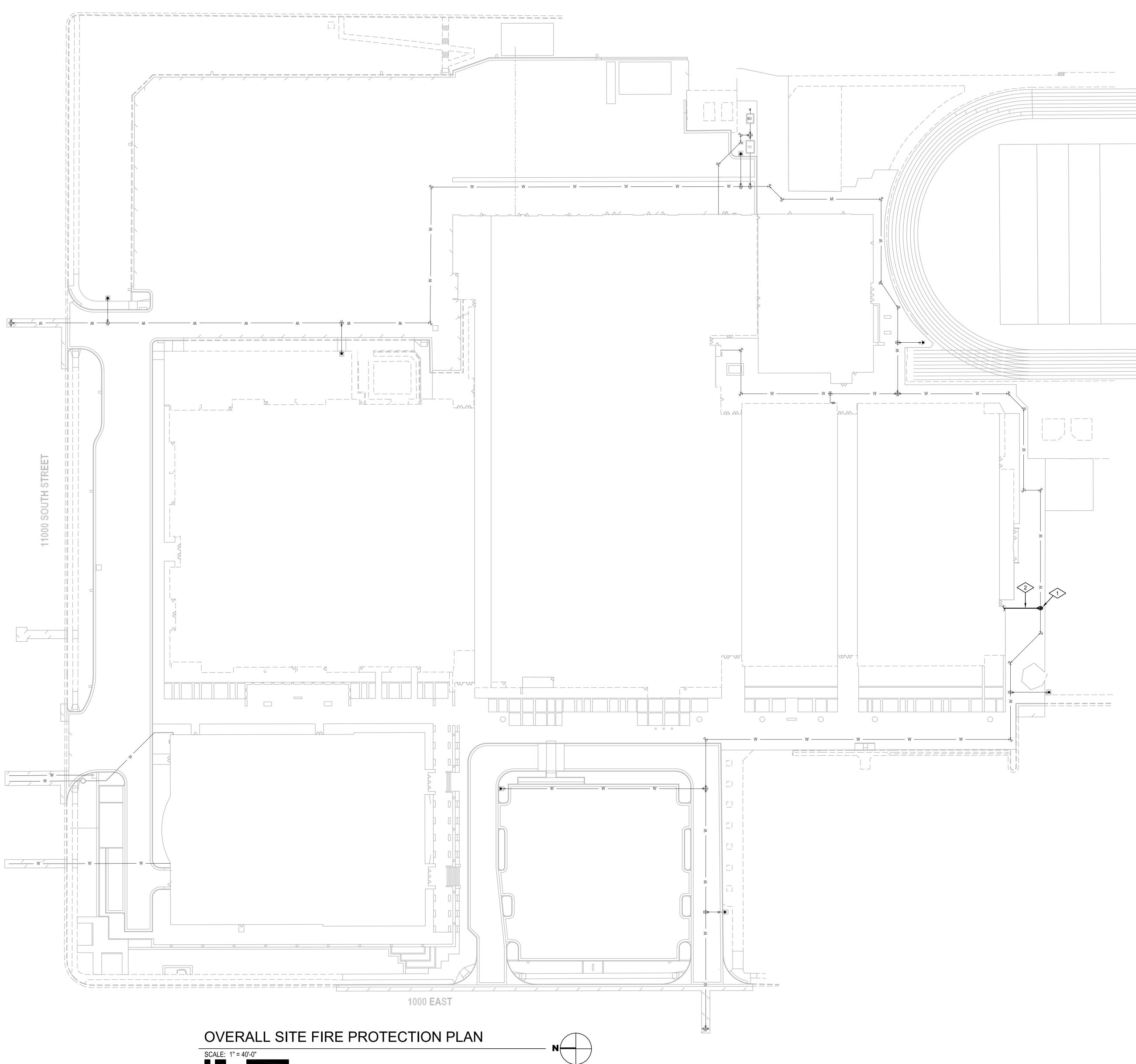
FEBRUARY, 2024

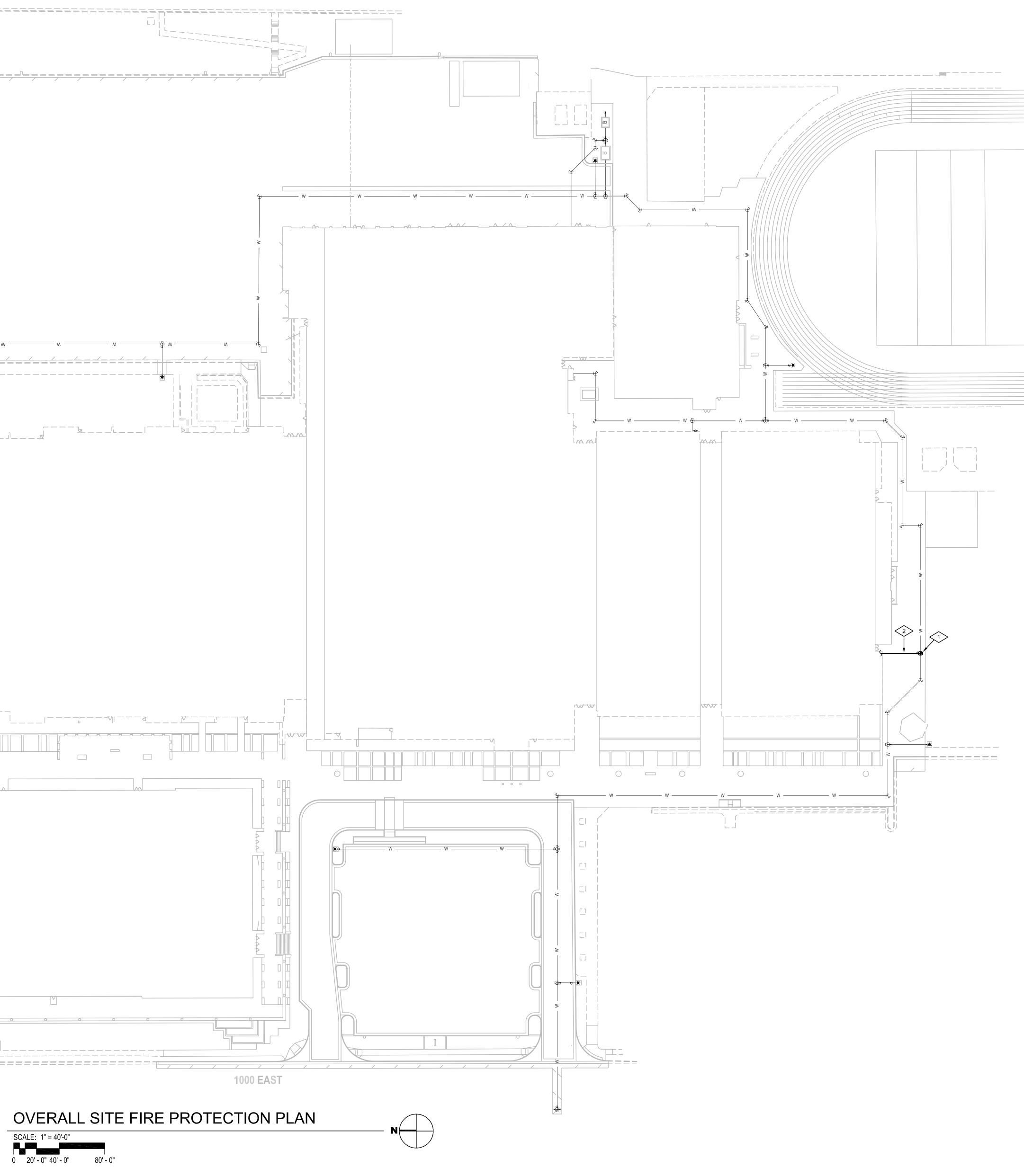




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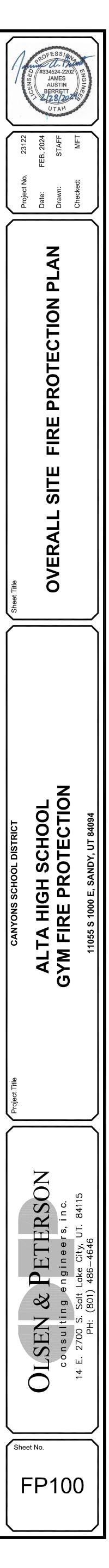






REFERENCE NOTES

CONTRACTOR TO CONNECT INTO EXISTING FIRE LINE LOCATED IN THIS APPROXIMATE LOCATION. CONTRACTOR TO PROVIDE WATER VALVE AND THRUST BLOCK AS REQUIRED. CONTRACTOR TO SAW CUT EXISTING SLAB AND EXCAVATE AS NEEDED TO RUN NEW FIRE LINE TO BUILDING. CONTRACTOR TO BACKFILL, COMPACT AND REPAIR CONCRETE TO MATCH EXISTING.



REFERENCE NOTES

<1	FIRE SPRINKLER RISER.
2>	SPRINKLER SYSTEM ALARM BELL MOUNTED HIGH ON OUTSIDE WALL.
3	WALL MOUNTED SIAMESE FIRE DEPARTMENT CONNECTION.
	FIRE PROTECTION PIPING TO RISE EXPOSED TIGHT TO WALL. COORDINATE WITH EXISTING CONDITIONS.
5	CONTRACTOR TO PROTECT GYM FLOOR DURING CONSTRUCTION.
	CONTRACTOR TO PROVIDE 6'-0" TALL CHAIN LINK FENCE WITH LOCKABLE GATE. COORDINATE. LOCATION WITH OWNER.
	CONTRACTOR TO COORDINATE WITH OWNER ON REMOVING EXISTING CABINETS.
$\langle 8 \rangle$	MAKE CONNECTION FROM AMES IN BUILDING RISER TO FIRE LINE OUTSIDE. SEE SHEET FP100.



GENERAL NOTES

. CONTRACTOR IS TO WALK WITH OWNER REPRESENTATIVE AND INSPECT THE EXISTING GYM FLOOR AND DOCUMENT ALL EXISTING DAMAGES PRIOR TO WORK STARTING IN GYM AREA.

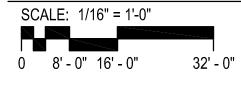
CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY DAMAGES CAUSED DURING NEW INSTALLATION.

CONTRACTOR IS RESPONSIBLE FOR COVERING AND

PROTECTING THE EXISTING GYM FLOOR DURING



OVERALL FIRE PROTECTION PLAN



FIRE PROTECTION LEGEND

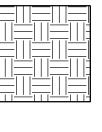


LIGHT HAZARD LAY-IN OR GYP. BOARD CEILING FULLY CONCEALED TYPE SPRINKLER HEADS SIMILAR TO VIKING VK4621 INSTALLED TIGHT TO CEILING WITH BRIGHT WHITE COVER PLATE.

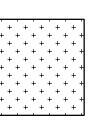
FIRE SPRINKLER RISER

SPRINKLER ALARM BELL

WALL MOUNTED SIAMESE FIRE DEPARTMENT CONNECTION



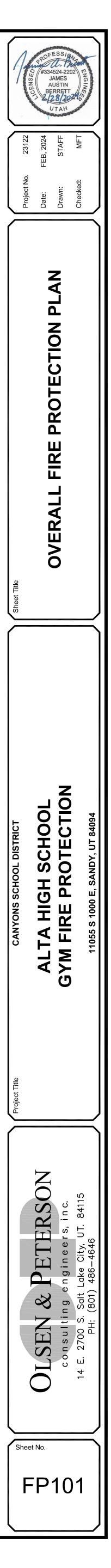
ORDINARY HAZARD, GROUP 1 LAY-IN OR GYP. BOARD CEILING FLUSH TYPE FULLY CONCEALED HEADS, INSTALLED TIGHT TO CEILING WITH OFF-WHITE DISC SIMILAR TO "RELIABLE" G4QR QUICK RESPONSE TYPE.

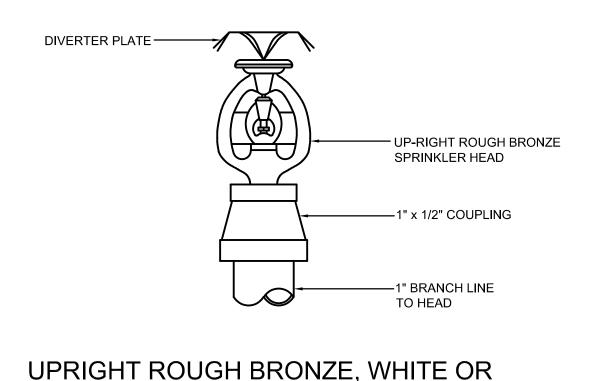


LIGHT HAZARD - EXPOSED STRUCTURE (NO CEILING) UPRIGHT BRASS HEADS ON EXPOSED PIPING.

—(F)

—**B**





FP501

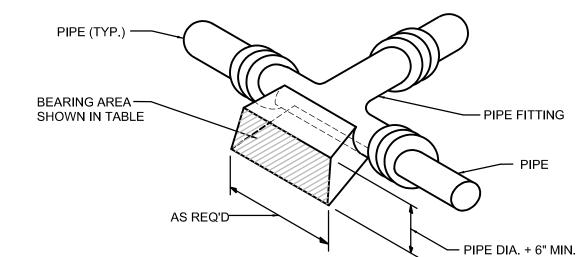
\FP501

CHROME SPRINKLER HEAD DETAIL

NOT TO SCALE

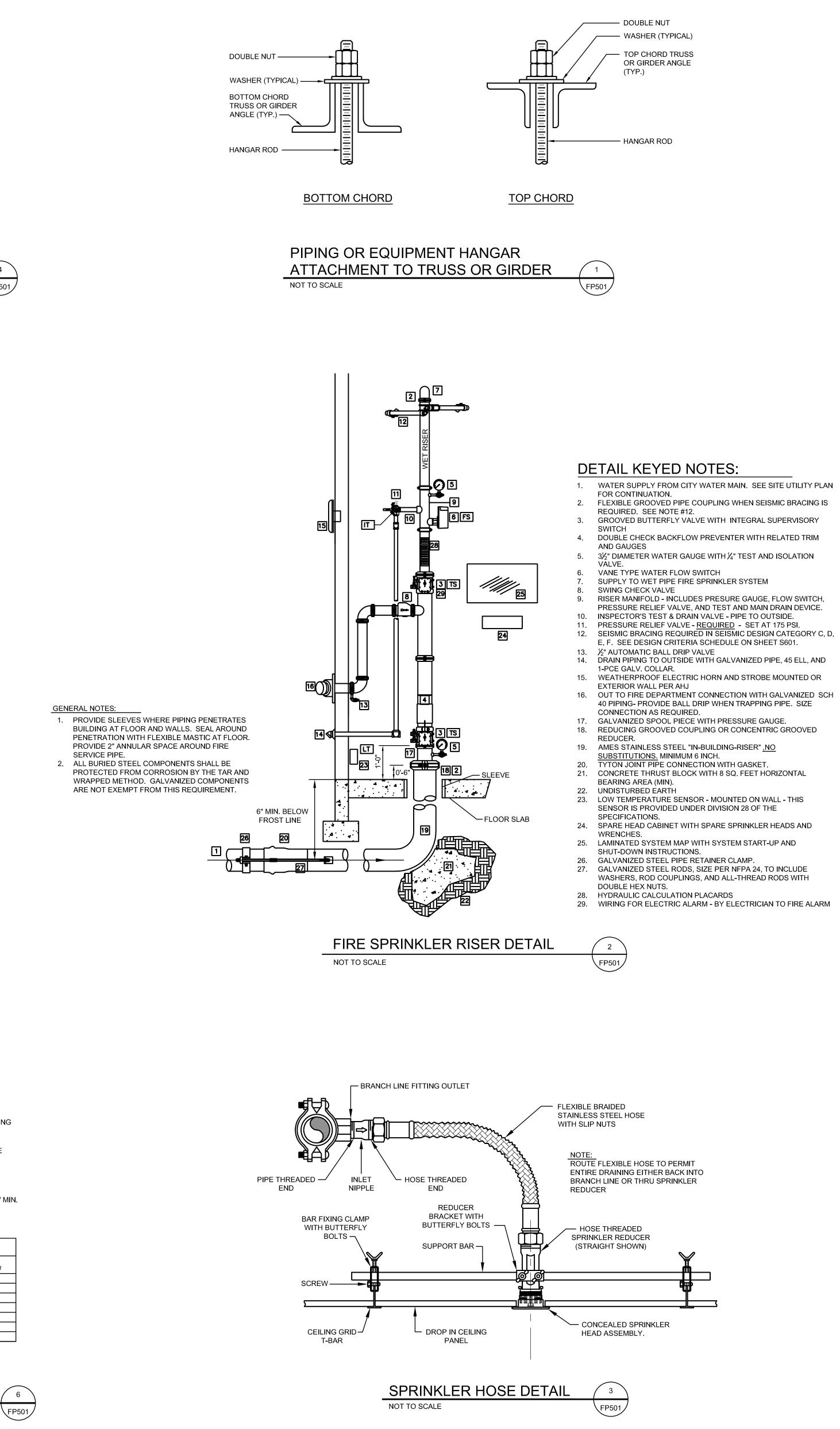
NOT TO SCALE

-1" BRANCH PIPE TO HEAD 1" x 1/2" COUPLING ------- CONCEALED TYPE SPRINKLER HEAD - COVER PLATE ASSEMBLY CEILING LINE-(COLOR TO BRIGHT-WHITE) CONCEALED SPRINKLER HEAD DETAIL



BEARING AREAS EACH DIRECTION OF THRUST IN SQUARE FEET						
PIPE SIZE	TEES & DEADEND	90° ELBOW	45° ELBOW CROSSES IN DIRECTION OF FL.	22 1/2° ELBOW		
4"	2.0	3.0	2.0	2.0		
6"	4.0	5.5	3.0	2.0		
8"	7.0	9.5	5.0	3.0		
10"	9.5	13.5	7.0	4.0		
12"	13.5	19.0	10.0	5.0		
14"	18.0	23.5	14.0	7.0		
16"	23.0	33.0	18.0	9.0		

CONCRETE THRUST BLOCK DETAIL NOT TO SCALE



GENERAL FIRE PROTECTION NOTES

- 1. THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE HIS WORK WITH EXISTING CONDITIONS TO AVOID ANY CONFLICTS IN PIPE ROUTING OR
- 2. RUN SPRINKLING PIPING AS HIGH AS POSSIBLE IN SPACE ABOVE CEILING AND COORDINATE WITH EXISTING CONDITIONS.

HEAD LOCATIONS.

- 3. FIRE SPRINKLER PLANS SHALL BE APPROVED BY ALL GOVERNING AGENCIES PRIOR TO SUBMITTING PLANS TO THE ENGINEER.
- 4. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE COMPLETE FIRE SPRINKLER SYSTEMS, INCLUDING ALL ITEMS AS REQUIRED OR RECOMMENDED BY ALL GOVERNING AGENCIES.
- 5. FIRE SPRINKLER SYSTEM SHALL COMPLY WITH N.F.P.A. 13, AND ALL GOVERNING AGENCIES.
- 6. PIPE SLEEVES THROUGH FIRE-RATED WALLS, PARTITIONS, AND CEILINGS SHALL BE OF FIRE RATED CONSTRUCTION. SPACE BETWEEN PIPE AND SLEEVE SHALL BE PACKED WITH FIREPROOF MATERIAL, U.L. LISTED. (FIRE SHIELDS, INC. MODEL DFB-CS)
- 7. FIRE SPRINKLER HEADS IN INDIVIDUAL ROOMS TO BE RUN IN STRAIGHT LINES AND COORDINATED WITH EXISTING CEILING AND LIGHTS.
- 8. HEAD GUARDS TO BE PROVIDED IN ACCORDANCE WITH N.F.P.A.
- 9. FIRE SPRINKLER TEST VALVES TO BE LOCATED IN AREAS CONVENIENT TO MAINTENANCE PERSONNEL, BUT AWAY FROM PUBLIC ACCESS.
- 10. THE UTAH STATE FIRE MARSHALS OFFICE SHALL BE NOTIFIED (IN WRITING) AT LEAST THREE DAYS IN ADVANCE OF THE FOLLOWING:
- A. HYDROSTATIC TEST AND FINAL INSPECTION OF OVERHEAD SYSTEMS PRIOR TO INSTALLATION OF CEILINGS.
- FLUSHING OF UNDERGROUND PRIOR TO CONNECTION OF OVERHEAD. В.
- C. HYDROSTATIC TEST AND FINAL INSPECTION OF UNDERGROUND PRIOR TO BACKFILLING.
- 11. CONTRACTOR SHALL FIELD VERIFY ALL PIPE LOCATIONS PRIOR TO FABRICATION OF PIPE SYSTEMS.
- 12. FIRE PROTECTION DRAWINGS ARE DIAGRAMMATIC ONLY.
- 13. FIRE PROTECTION CONTRACTOR SHALL COORDINATE ROUTING, HANGING AND BRACING WITH ROOF STRUCTURE. ALL FIRE SPRINKLER PIPING SHALL COMPLY WITH THE FOLLOWING.
 - CORE DRILLING WALLS AND SLABS
 - A. CONTRACTOR SHALL USE GROUND PENETRATING RADAR OR OTHER APPROVED METHOD TO SCAN CONCRETE OVER METAL DECK, CONCRETE SUSPENDED SLABS, MASONRY WALLS, AND CONCRETE WALLS TO LOCATE REBAR PRIOR TO CORE DRILLING ANY HOLES. HOLES SHALL BE LOCATED TO AVOID REBAR DETECTED. ALL OPENINGS AND GROUPS OF OPENINGS SHALL BE REINFORCED AS SHOWN ON THE STRUCTURAL DRAWINGS. OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO DRILLING.
 - ATTACHMENT TO STEEL DECK
 - A. STEEL DECK WITHOUT CONCRETE FILL SHALL NOT BE USED TO SUPPORT LOADS FROM PLUMBING, HVAC DUCTS, LIGHT FIXTURES, ARCHITECTURAL ELEMENTS OR EQUIPMENT OF ANY KIND, UNLESS SPECIFICALLY NOTED OTHERWISE.
 - B. STEEL DECK WITH CONCRETE FILL MAY BE USED TO SUPPORT LOADS OF UP TO 500# FROM PLUMBING, HVAC DUCTS, LIGHT FIXTURE, ARCHITECTURAL ELEMENTS AND MISCELLANEOUS EQUIPMENT. LOADS SHALL BE DISTRIBUTED SUCH THAT THE AVERAGE LOAD DOES NOT EXCEED 50 LBS/SQ.FT. AND NOT MORE THAN 500# IS LOCATED ON ANY SINGLE DECK FLUTE SPAN BETWEEN SUPPORT BEAMS. ATTACHMENTS TO STEEL DECK WITH CONCRETE FILL SHALL ENGAGE THE CONCRETE, AND SHALL BE APPROVED FOR USE IN CRACKED CONCRETE.
 - ATTACHMENT TO OPEN WEB STEEL JOISTS AND GIRDERS
 - A. ALL CONCENTRATED LOADS GREATER THAN 100 POUNDS AND NOT MEETING THE REQUIREMENTS OF ITEM 2 BELOW SHALL BE LOCATED WITHIN 6 INCHES OF THE JOIST OR GIRDER PANEL POINTS OR THE JOIST OR GIRDER SHALL BE REINFORCED WITH AN ADDITIONAL WEB MEMBER.
 - B. CONCENTRATED POINT LOADS, SINGLE OR MULTIPLE, TOTALING 100 POUNDS OR LESS BETWEEN PANEL POINTS CAN BE LOCATED AT ANY POINT ALONG THE TOP OR BOTTOM CHORD OF A JOIST OR GIRDER BETWEEN ADJACENT PANEL POINTS WITHOUT MEETING THE REQUIREMENTS OF ITEM 1 ABOVE, PROVIDED THE LOADS ARE APPLIED TO THE JOIST SUCH THAT BOTH ANGLES OF
 - THE TOP OR BOTTOM CHORD ARE EQUALLY LOADED. C. JOIST BRACING SHALL NOT BE USED TO SUPPORT HANGING
 - D. BRACING OF MISCELLANEOUS ITEMS INCLUDING MECHANICAL, PLUMBING, CONDUIT, ARCHITECTURAL ELEMENTS, ETC. SHALL CONNECT TO THE TOP CHORD OF THE JOIST OR GIRDER UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
 - ATTACHMENT TO STEEL BEAMS

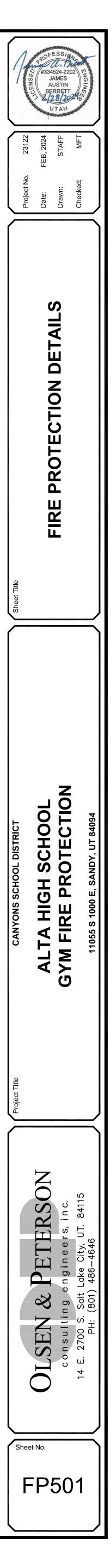
LOADS

- A. BRACING FOR SEISMIC LOADS SHALL ATTACH WITHIN 4" OF THE TOP FLANGE OF THE BEAM, UNLESS NOTED OTHERWISE.
- 14. STEEL ROOF DECKING SHALL NOT BE USED TO SUPPORT LOADS FROM FIRE SPRINKLER ELEMENTS OR EQUIPMENT OF ANY KIND, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 15. FIRE SPRINKLER HEADS SHALL BE INSTALLED IN 2' x 4' CEILING TILE IN THE CENTER OF TILES AND ON QUARTER POINTS IN THE LONGITUDINAL DIRECTION. SPRINKLER HEADS SHALL BE INSTALLED IN 2' x 2' CEILING TILE IN THE CENTER OF TILES. SPRINKLER HEADS LOCATED IN HEXAGON CEILING SHALL BE INSTALLED IN CENTER OF HEXAGON.

- WATER SUPPLY FROM CITY WATER MAIN. SEE SITE UTILITY PLAN FLEXIBLE GROOVED PIPE COUPLING WHEN SEISMIC BRACING IS GROOVED BUTTERFLY VALVE WITH INTEGRAL SUPERVISORY
- RISER MANIFOLD INCLUDES PRESURE GAUGE, FLOW SWITCH,

14. DRAIN PIPING TO OUTSIDE WITH GALVANIZED PIPE, 45 ELL, AND

40 PIPING- PROVIDE BALL DRIP WHEN TRAPPING PIPE. SIZE



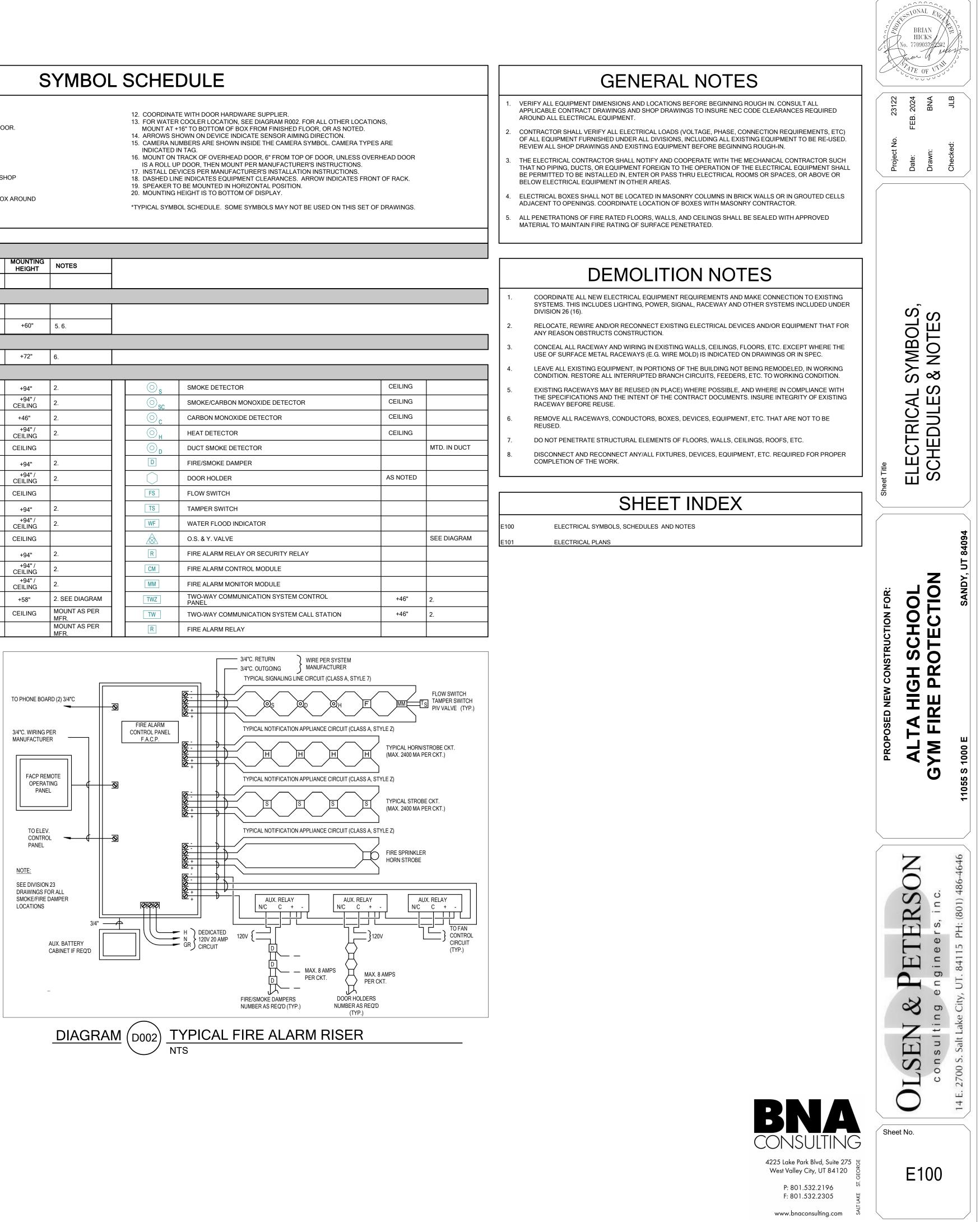
	EL	ECTRICAL S	SPECIFICATIONS
ELEC	TRICAL GENERAL PROVISIONS		
			DRAWINGS. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION AND LUDES, BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING ITEMS:
•	ELECTRICAL CONNECTIONS FO		
•	CONDUCTORS AND CABLES GROUNDING SUPPORTING DEVICES		
•	CONDUIT RACEWAYS ELECTRICAL BOXES AND FITTI	NGS	
•	DEMOLITION FIRE ALARMS AND DETECTION		
	RPRETATION OF DRAWINGS AND S	SPECIFICATIONS: BEFORE BIDDIN	G, CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS,
		RIOD TO DETERMINE EXISTING CO	NDITIONS AFFECTING ELECTRICAL AND OTHER WORK, ALL COSTS ARISING FRO
	CONDITIONS AND/OR PREPARATIO ECTION.	N SHALL BE INCLUDED IN THE BAS	E BID. NO ADDITIONAL CHARGES WILL BE ALLOWED DUE TO THE INADEQUATE S
LOCA LEAS STAT	AL ORDINANCES. OBTAIN ALL PERM T THREE (3) YEARS OF EXPERIENC E CONTRACTING LICENSE. PROVID	ITS, INSPECTIONS, ETC FOR AUTH E. WORKMANSHIP SHALL BE NEAT E EQUIPMENT AND MATERIALS TH	ONAL ELECTRICAL CODE (NEC). COMPLY WITH REQUIREMENTS OF STATE AND ORITY HAVING JURISDICTION (AHJ). EMPLOY ONLY QUALIFIED CRAFTSMEN WITH , HAVE A GOOD MECHANICAL APPEARANCE AND CONFORM TO BEST ELECTRIC/ AT ARE UNDERWRITERS LABORATORIES INC. (UL) LISTED AND LABELED.
	MITTALS: AFTER THE CONTRACT IS VINGS.	AWARDED BUT PRIOR TO MANUFA	ACTURE OR INSTALLATION OF ANY EQUIPMENT, PREPARE COMPLETE SHOP
•	DOCUMENTS MUST BE ELECTF		/WORD SEARCHABLE USING ADOBE ACROBAT (HTTP://ADOBE.COM/ACROBAT) C
•	BLUEBEAM REVU (HTTP://BLUE ELECTRONICALLY HIGHLIGHT A	BEAM.COM) FOR EACH RELEVANT ALL OPTIONS FOR ELECTRICAL EQI	
•	ACCEPTABLE AND WILL NOT BE PROVIDE ONLY COMPLETED CI ACCEPTABLE AND WILL NOT BE	JTSHEETS FOR ALL FIXTURE AND E	EQUIPMENT TYPES. BLANK CUTSHEETS SUBMITTED WITH A SCHEDULE ARE NO
•	A MAXIMUM OF ONE SUBMITTA SINGLE PRODUCT SUBMITTALS	L PER SPECIFICATION SECTION IS WILL NOT BE REVIEWED.	ALLOWED, IT IS NOT ACCEPTABLE TO PROVIDE PRODUCT BY PRODUCT SUBMIT
•		RITTEN STATEMENT TO THE ENGIN	IEER AND STATE FIRE MARSHAL'S OFFICE THAT EACH DEVICE WILL BE INSTALL NFPA STANDARD 72. SUBMIT A COMPLETE SET OF SHOP DRAWINGS INDICATING
	LOCATION OF ALL ALARM INITIA	ATING AND ALARM SIGNALING DEV	NEPA STANDARD 72. SUBMIT A COMPLETE SET OF SHOP DRAWINGS INDICATING ICES, POINT -TO-POINT WIRING DIAGRAMS FOR ALL DEVICES, WIRING AT THE ATION REQUIRED BY THE FIRE MARSHAL.
•	O&M MANUALS: SUBMIT "AS-BL MAPS. PROVIDE A FINAL SUBM	JILT" DRAWINGS SHOWING ALL ADD ITTAL TO THE OFFICE OF THE STAT	DED EQUIPMENT AND WIRING. ADD THE NEW DEVICES TO THE EXISTING BUILDING FIRE MARSHAL INCLUDING; RECORD OF COMPLETION IN ACCORDANCE WITH
•	ACCEPTABLE MANUFACTURE		. INFORMATION REQUIRED BY THE STATE FIRE MARSHAL. ECTION DEVICES MANUFACTURED BY HONEYWELL/GAMEWELL-FCI AND ITHY @ (801)652-7994
•	RECORD DRAWINGS: MAINTAI CONCEALED WORK. MARK REC	N A COMPLETE SET OF RECORD DI CORD DRAWINGS TO SHOW THE PF	RAWINGS, REFLECTING AN ACCURATE DIMENSIONAL RECORD OF ALL BURIED C RECISE LOCATION OF CONCEALED WORK AND EQUIPMENT,INCLUDING CONCEAL
	OR EMBEDDED CONDUIT AND DOCUMENTS.	UNCTION BOXES AND ALL CHANGE	ES AND DEVIATIONS IN THE WORK FROM THAT SHOWN ON THE CONTRACT
•	FURNISHED UNDER THIS DIVIS	ION.	IN AND MAINTENANCE DATA BOOKS FOR ALL EQUIPMENT AND MATERIALS
	DRAWINGS, SPECIFICATIONS, DEVELOP DEFECTS, EXCEPT F	AND/OR AUTHORIZED CHANGES, W ROM ORDINARY WEAR AND TEAR,	ITHOUT ADDITIONAL CHARGE, REPLACE ANY WORK OR MATERIALS WHICH WITHIN ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
•	THE SPREAD OF SMOKE, FIRE,	TOXIC GAS, OR WATER THROUGH	OF THIS SECTION THROUGH FIRE RATED FLOORS, WALLS, CEILINGS TO PREVE THE PENETRATION EITHER BEFORE, DURING AND AFTER FIRE.
-		OWNER. INCLUDE ALL COSTS FOR	JTION OF THIS WORK SHALL OCCUR DURING NON-STANDARD WORKING HOURS OVERTIME WORK IN BID.
CONE	DUCTORS AND CABLES		
•	CONDUCTORS, WITH THE/THW STRANDED CONDUCTORS FOR	N INSULATION. SIZE ALL CONDUCT #8 AWG AND LARGER.	NGS, MATERIAL, AND TYPES INDICATED FOR EACH SERVICE. PROVIDE COPPER ORS IN ACCORDANCE WITH NEC: MINIMUM SIZE TO BE #14 AWG. PROVIDE
• •	CONDUCTORS, WITH THE/THW STRANDED CONDUCTORS FOR THE FOLLOWING COLOR SCHE CONDUCTOR	N INSULATION. SIZE ALL CONDUCT #8 AWG AND LARGER.	
	CONDUCTORS, WITH THE/THW STRANDED CONDUCTORS FOR THE FOLLOWING COLOR SCHE CONDUCTOR PHASE A PHASE B	N INSULATION. SIZE ALL CONDUCT #8 AWG AND LARGER. ME SHALL BE USED: 208/120 V SYSTEM BLACK RED	
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·	CONDUCTORS, WITH THE/THW STRANDED CONDUCTORS FOR THE FOLLOWING COLOR SCHE CONDUCTOR PHASE A PHASE B PHASE C SHARED/SINGLE NEUTRAL NEUTRAL A (DEDICATED) NEUTRAL B (DEDICATED) NEUTRAL C (DEDICATED)	N INSULATION. SIZE ALL CONDUCT #8 AWG AND LARGER. ME SHALL BE USED: 208/120 V SYSTEM BLACK RED BLUE WHITE WHITE WHITE W/ BLACK STRIPE WHITE W/ RED STRIPE WHITE W/ BLUE STRIPE	
·	CONDUCTORS, WITH THE/THW STRANDED CONDUCTORS FOR THE FOLLOWING COLOR SCHE CONDUCTOR PHASE A PHASE B PHASE C SHARED/SINGLE NEUTRAL NEUTRAL A (DEDICATED) NEUTRAL B (DEDICATED)	N INSULATION. SIZE ALL CONDUCT #8 AWG AND LARGER. ME SHALL BE USED: 208/120 V SYSTEM BLACK RED BLUE WHITE WHITE WHITE W/ BLACK STRIPE WHITE W/ RED STRIPE	
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•	CONDUCTORS, WITH THE/THW STRANDED CONDUCTORS FOR THE FOLLOWING COLOR SCHE CONDUCTOR PHASE A PHASE B PHASE C SHARED/SINGLE NEUTRAL NEUTRAL A (DEDICATED) NEUTRAL B (DEDICATED) NEUTRAL C (DEDICATED) EQUIPMENT GROUND ISOLATED GROUND UNDING PROVIDE GROUNDING AND BO AND ITEMS REQUIRED BY THE BONDING/GROUNDING CONDUC	N INSULATION. SIZE ALL CONDUCT #8 AWG AND LARGER. ME SHALL BE USED: 208/120 V SYSTEM BLACK RED BLUE WHITE WHITE W/ BLACK STRIPE WHITE W/ BLACK STRIPE WHITE W/ BLUE STRIPE GREEN GREY W/ YELLOW STRIPE NDING OF ALL ELECTRICAL AND CO NEC TO PROVIDE A PERMANENT, O CTOR IN ALL RACEWAYS USE FOR	ORS IN ACCORDANCE WITH NEC: MINIMUM SIZE TO BE #14 AWG. PROVIDE
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NOTES:

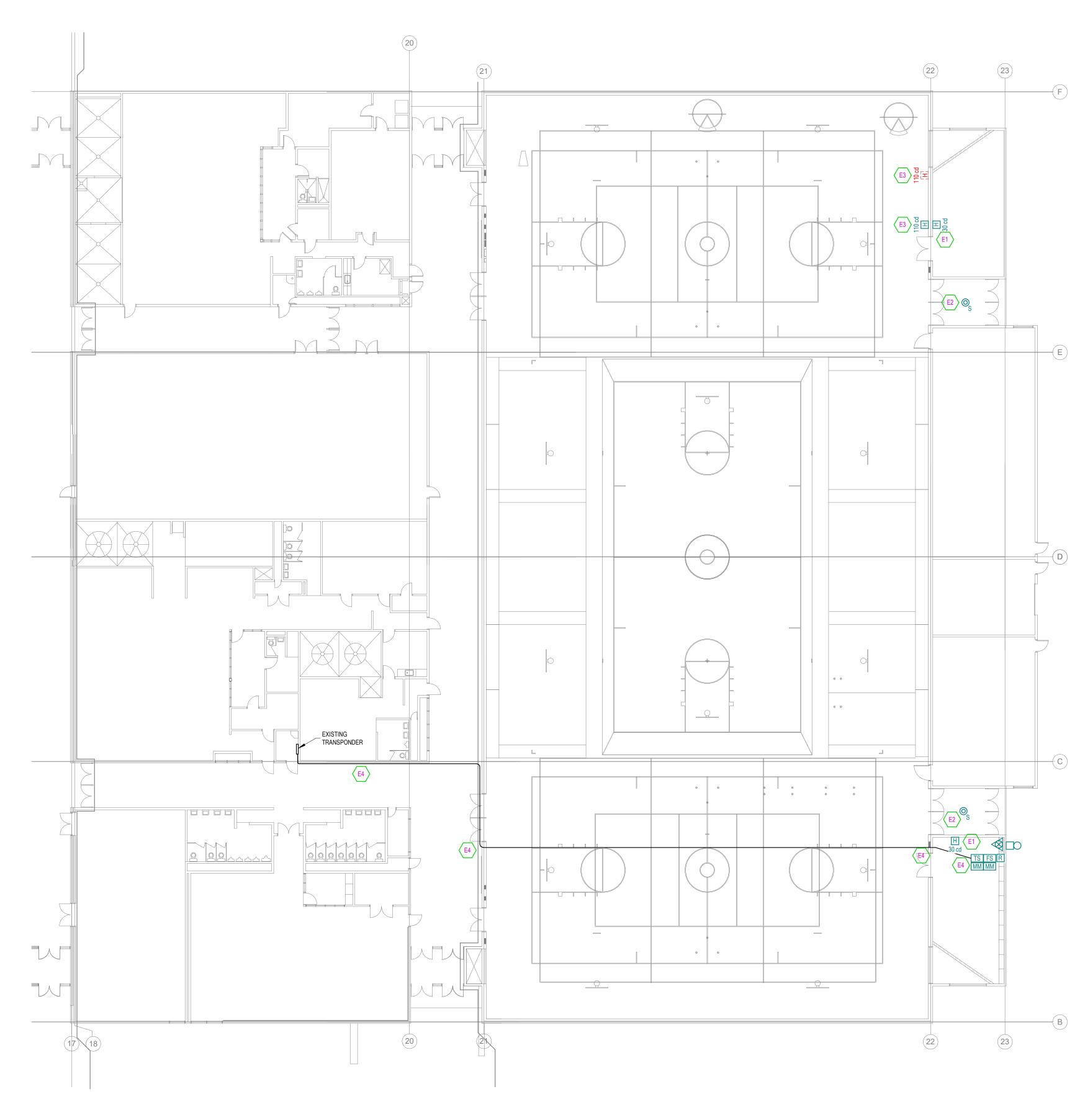
1. SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.

- 2. HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR. 3. REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
- 4. SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED. 5. NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE 'HD' 480 V.
- 6. HEIGHT MEASURED TO TOP OF THE BOX FROM FINISHED FLOOR.
- 7. PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED. 8. DOUBLE ARROWS INDICATES A DOUBLE FACE UNIT.
- 9. DEVICES NOTED WITH AN 'A' INDICATE TO COORDINATE WITH MILLWORK SHOP
- DRAWINGS AND ELEVATIONS FOR HEIGHT. 10. SUBSCRIPT INDICATES NEMA CONFIGURATION.
- 11. SOLID BOX AROUND DEVICE INDICATES INSTALLED IN FLOOR. DASHED BOX AROUND DEVICE INDICATES INSTALLED IN CEILING.
- - INDICATED IN TAG.

STANDARD M	IOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS					
GENERAL						
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES			
$\langle \mathbf{X} \\ \mathbf{X} \rangle$	EQUIPMENT NUMBER					
MULTIPLE SY	STEM SYMBOLS					
	WEATHERPROOF RECEPTACLE (SUPPLIED ON THE UNIT)					
F	FUSED DISCONNECT SWITCH	+60"	5. 6.			
POWER	·					
	PANELBOARD	+72"	6.			
FIRE ALARM						
	BELL	+94"	2.	⊚ _s	SMOKE DETECTOR	CEILING
С	CHIME / STROBE	+94" / CEILING	2.	ି _{sc}	SMOKE/CARBON MONOXIDE DETECTOR	CEILING
F	FIRE ALARM MANUAL STATION	+46"	2.	© c	CARBON MONOXIDE DETECTOR	CEILING
Н	FIRE ALARM SIGNAL HORN / STROBE	+94" / CEILING	2.	© _H	HEAT DETECTOR	CEILING
[H] CLG	CONCEALED FIRE ALARM HORN / STROBE	CEILING		© _D	DUCT SMOKE DETECTOR	
Цн	CONCEALED FIRE ALARM HORN / STROBE WALL	+94"	2.	D	FIRE/SMOKE DAMPER	
Е	FIRE ALARM SPEAKER / STROBE	+94" / CEILING	2.	\bigcirc	DOOR HOLDER	AS NOTED
[E] CLG	CONCEALED FIRE ALARM SPEAKER / STROBE	CEILING		FS	FLOW SWITCH	
E	CONCEALED FIRE ALARM SPEAKER / STROBE WALL	+94"	2.	TS	TAMPER SWITCH	
S	FIRE ALARM STROBE	+94" / CEILING	2.	WF	WATER FLOOD INDICATOR	
[s] clg	CONCEALED FIRE ALARM STROBE	CEILING			O.S. & Y. VALVE	
S	CONCEALED FIRE ALARM STROBE WALL	+94"	2.	R	FIRE ALARM RELAY OR SECURITY RELAY	
К	FIRE ALARM SPEAKER ONLY	+94" / CEILING	2.	СМ	FIRE ALARM CONTROL MODULE	
В	FIRE ALARM STROBE WITH BLUE COLORED LENS (CO VISUAL ALARM)	+94" / CEILING	2.	MM	FIRE ALARM MONITOR MODULE	
ANN	FIRE ALARM ANNUNCIATOR PANEL	+58"	2. SEE DIAGRAM	TWZ	TWO-WAY COMMUNICATION SYSTEM CONTROL PANEL	+46"
Οv	ASPIRATING SMOKE DETECTION SYSTEM	CEILING	MOUNT AS PER MFR.	TW	TWO-WAY COMMUNICATION SYSTEM CALL STATION	+46"
Θ _B	BEAM DETECTOR		MOUNT AS PER MFR.	R	FIRE ALARM RELAY	

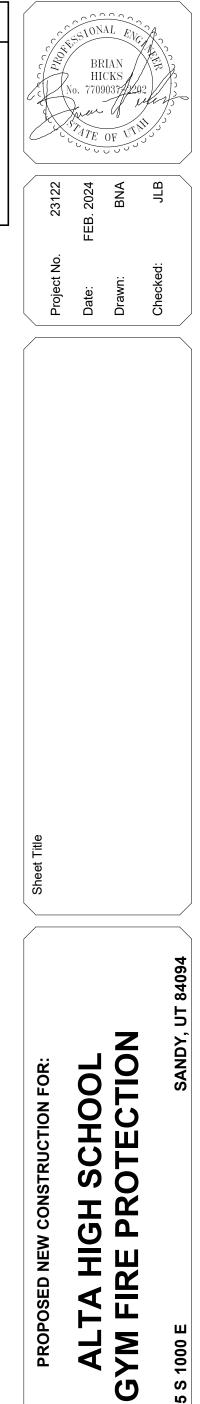








	SHEET KEYNOTES	CASESIONAL EN
E1	PROVIDE A NEW DEVICE. PROVIDE CONDUIT AND WIRE AS REQUIRED TO CONNECT TO THE EXISTING NOTIFICATION LOOP.	BRIAN HICKS
E2	PROVIDE A NEW DEVICE. PROVIDE CONDUIT AND WIRE AS REQUIRED TO CONNECT TO THE EXISTING DETECTON LOOP.	No. 7709037772
E3	DISCONNECT EXISTING HORN STROBE AND PROVIDE CONDUIT AND WIRE AS REQUIRED TO RELOCATE AND RECONNECT OUT FROM BEHIND THE WRESTLING MATS.	
E4	PROVIDE CONDUIT AND WIRE AS REQUIRED TO CONNECT NEW DEVICES TO THE EXISTING TRANSPONDER. PENETRATE THE WALL INTO THE GYM AS HIGH AS POSSIBLE. RISE UP IN THE GYM AND ATTACH TO STRUCTURE TO CROSS THE GYM INTO THE CEILING OF THE CORRIDOR, THROUGH THE CORRIDOR TO THE EXISTING TRANSPONDER.	23122 FEB. 2024 BNA
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