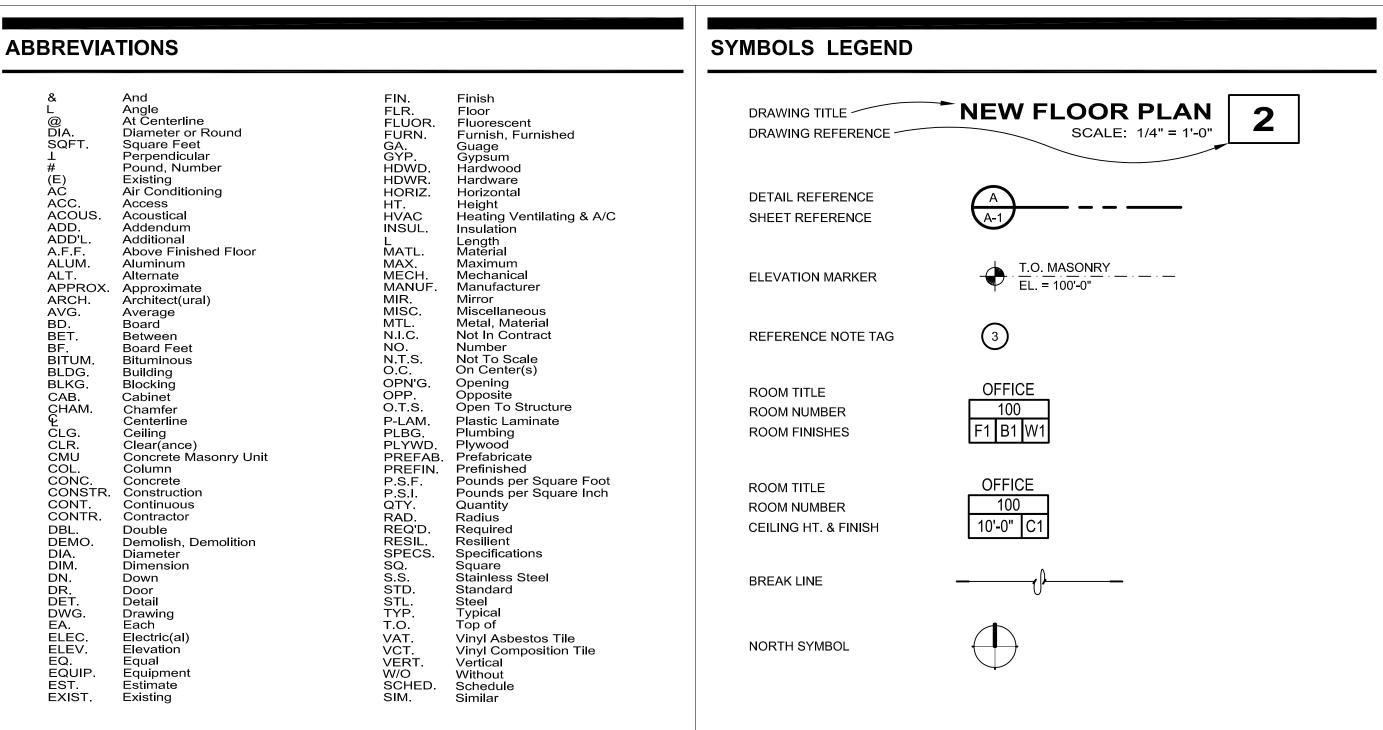
BRIGHAM YOUNG

UNIVERSITY

LVES - BUILD RESTROOMS AT CHAMPIONS TERRACE UNIVERSITY SPECIAL EVENTS

LAVELL EDWARDS STADIUM



APPROVALS

Matt Giles, Assistant Administrative Vice Pres. -- Physical Facilities

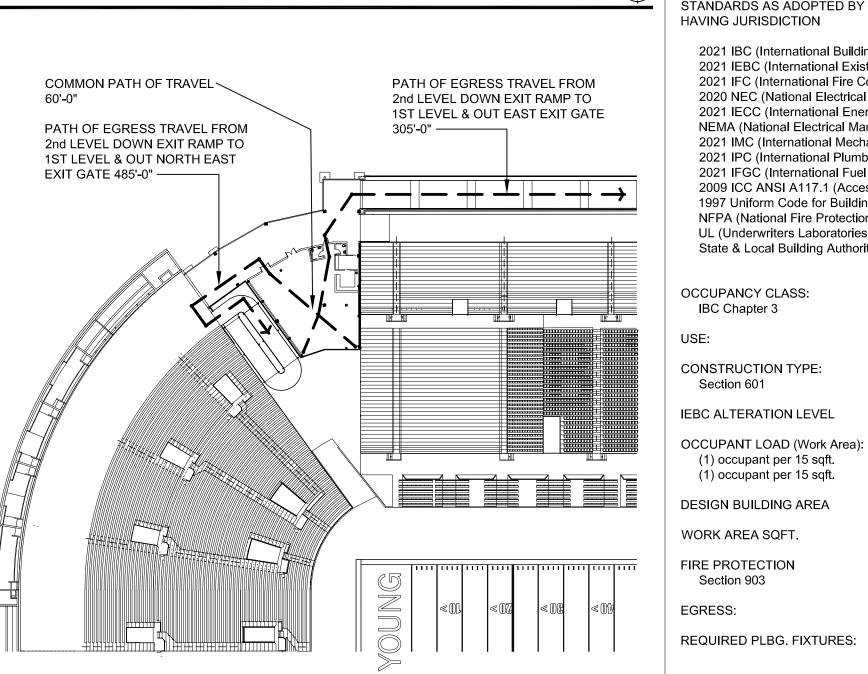
Justin Durfey, Director of Special Events

Matt Nix, Associate Athletics Director

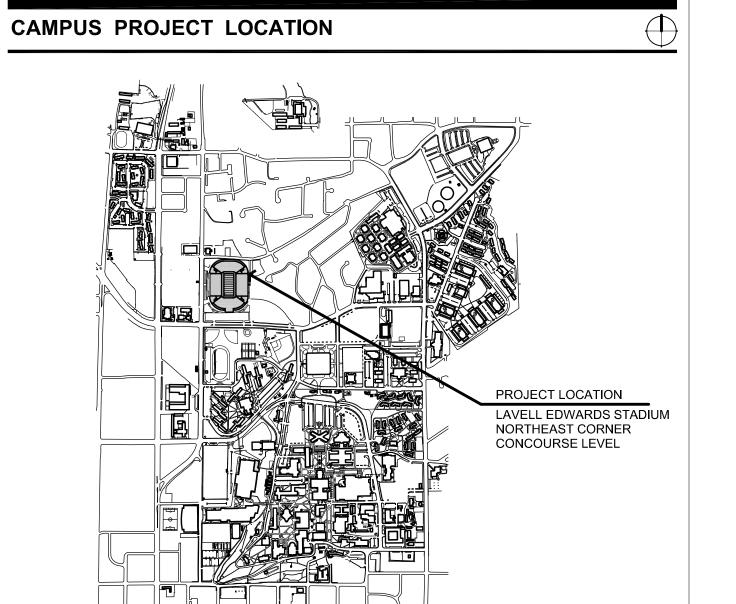
Dave Decker, Managing Director -- Physical Facilities Planning Department

A1.0 DEMOLITION & NEW FLOOR PLANS, ACCESSIBILITY MOUNTING HT A1.1 DEMOLITION & NEW CEILING PLANS, ENLARGED CEILING PLAN A2.0 ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS A2.1 INTERIOR ELEVATIONS & WALL SECTIONS A3.0 DOOR, FRAME TYPES & DETAILS N4639 MECHANICAL M1.0 DEMOLITION & NEW MECHANICAL PLANS
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M1.0 DEMOLITION & NEW MECHANICAL PLANS N4639 ELECTRICAL
N4639 ELECTRICAL
E1.0 DEMOLITION & NEW POWER PLANS E1.1 DEMOLITION & NEW LIGHTING PLANS E2.1 DETAILS & FIXTURE SCHEDULE

Not-In-Contract (NIC) Coordination List	Furnished by BYU	Installed by BYU / BYU Vendor	Installed by General Contractor	Furnished by General Contractor	Notes
All Design Fees	×				
All Printing Costs (Use established BYU printing contract)	×				
Plan Check, Demolition Permit, Grading Permit, Building Permit, Sign Permit, Engineering Permit, Connection, and Impact Fees	×				
Street and Sidewalk Closure Permit, Haul Route Permit, etc.				×	
Payment, Performance, and Materials Bonds Asbestos and Hazardous Materials Abatement	×			×	
Assessos and nazaruous materiais Abatement Testing and Special Inspection Fees	×				
Testing and Special Inspection Scheduling	^			×	
Site Surveys (ALTA, topographical, etc.)	×				
Construction Surveys (building staking, site improvement and utility layout, etc.)				×	
Geotechnical Reports	×				
General					
Signage - interior and exterior	x	×			
Door Hardware			×	×	
Removeable Core Cylinders and Keying Wiselan Cord Doctor	×	×			
Wireless Card Readers Fixed Dock Equipment (dock leveler, bumpers, etc.)	×	×			
Portable Dock Equipment (manlifts, dolleys, etc.)	×	×	×	×	
Equipment Hoist Beams			×	×	
Hoists or Trolleys (power and rough electrical In Contract)	×	×	_ ^		
Vending Machines, Microwaves	×	×			
Fire Extinguisher Cabinets and Extinguishers			×	×	
AED (Defibrillator) Cabinet, junction box, and communications conduit to nearest cable tray			×	×	Model: Zoll #8000-0855 (alarmed). Supplier: Industrial Supply (David Scott, 801-885-2008, dscott@indsupply.com). Recessed or semi-recessed. White or stainless steel.
AED (Defibrillator) Unit	×	×			Provided by Tamie Harding with Risk Management. Model: Zoll AED Plus.
AED (Defibrillator) Unit wiring and connection to police dispatch notification system	×	×			Connections made by Access Services
OIT					
Flat Panel Displays and Digital Signage with mounting hardware (backing, power and rough electrical In Contract)	×	×			
All Data Pathways, Termination Boxes, Cabling, Terminations to Wall Plates and Patch Panels, Warranty All Data Racks			×	×	
All Cable Tray			×	×	
Cable Pass Systems complete, Terminations, Wall Racks, Cable Hangers, Wall Plugs, Intumescent bags (1 per cable pass penetration)			×	×	
Wireless Access Points (Power and Data in Contract)	×	×			
Building Care					
Cleaning Agent Dispenser (In Contract: 1/2" cold water supply, pressure reducing valve, spill-proof vacuum breaker, ball valve, testing report, and electrical outlet)	×	×			Dispenser and power outlet to be +60" above mop sink. SPV model: Wilkins 460 XL by Zurn. Engineer of record to provide installation detail.
Rest Room Mirrors			×	×	
Sanitary Napkin Dispensers (Include in all single use restrooms.)	×		×		Provided by Harold Ostler. Serviced by Vending. Model D1-50 (surface-mount) by HOSPECO. Supplier: Brady Industries, Salt Lake. 26.375" tall x 11.125" wide x 7.625" deep.
Sanitary Napkin Disposals (Include in all single use restrooms.)	×		×		
Toilet Paper Dispensers	×		×		
Paper Towel Dispensers	×		×		
Liquid Soap Dispensers Diaper Changing Stations	X		×		
Shower Curtains (Shower rods In Contract)	×		×		
Mop Racks and Hangers	×		×		
Project Specific			~		
Moving Existing Equipment	×				
	-	-			
					-
	L				<u> </u>



EGRESS PLAN



GENERAL NOTES

- . GENERAL CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO PROTECT EXIST WALLS, DOORS, WINDOWS, FLOORS, SIGNAGE BELLS. ALARMS. FIRE EXTINGUISHER CABS. DRINKING FOUNTAINS, WALL-MOUNTED HEATERS, & ANY OTHER PERMANENT COMPONENTS OF THE EXIST. BUILDING TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE TO FIX, PATCH, REPAIR AND/OR REPLACE ANY & ALL EXISTING ITEMS WHICH ARE DAMAGED DURING CONSTRUCTION
- 2. GENERAL CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO PROTECT ALL EXIST. FIRE SPRINKLER PIPING! DO NOT PLACE OR POSITION ANYTHING OF ANY KIND OR ANYONE ON, AGAINST OR HANGING FROM EXIST. PIPING!
- IMMEDIATELY FOLLOWING DEMOLITION OF EXIS WALLS, FLOORS & CEILINGS CONTRACTOR SHALL EVALUATE EXIST. CONDITIONS TO IDENTIFY ANY AND ALL CONFLICTS W/ NEW LAYOUTS/PLANS. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF CONFLICTS ARE DISCOVERED
- 4. CONTRACTOR SHALL BE AWARE THAT OWNER WILL OCCUPY PORTIONS OF BUILDING DURING CONSTRUCTION
- 5. CONTRACTOR SHALL PROVIDE TEMP. LIGHTING AS NECESSARY DURING CONSTRUCTION

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FACILITIES PLANNING **240 BRWB PROVO, UTAH 84602** PHONE: (801) 422-5504 FAX: (801) 422-0565

03.28.2024 DESIGNER: K. MARTIN

CODE CHECK: Au STRUCTURAL:

PLANNING DIR:

CLIENT APPROVAL

REVISIONS

CODE ANALYSIS

NO CHANGE IN USE OR OCCUPANCY

THIS PROJECT SHALL BE COMPLETED ACCORDING TO THE LATEST EDITION OF THE FOLLOWING STANDARDS & AMENDMENTS TO THOSE STANDARDS AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION

2021 IBC (International Building Code) 2021 IEBC (International Existing Building Code) 2021 IFC (International Fire Code) 2020 NEC (National Electrical Code) 2021 IECC (International Energy Conservation Code) NEMA (National Electrical Manufacturer's Assoc.) 2021 IMC (International Mechanical Code) 2021 IPC (International Plumbing Code) 2021 IFGC (International Fuel Gas Code) 2009 ICC ANSI A117.1 (Accessible Buildings) 1997 Uniform Code for Building Conservation NFPA (National Fire Protection Assoc.) UL (Underwriters Laboratories Inc.)

	State & Local Building Authorit	y & Codes	
	OCCUPANCY CLASS: IBC Chapter 3	Exist. Class: New Class:	
	USE:	Stadium	
	CONSTRUCTION TYPE: Section 601	Exist. Type: New Type:	
	IEBC ALTERATION LEVEL	2	
	OCCUPANT LOAD (Work Area): (1) occupant per 15 sqft. (1) occupant per 15 sqft.	Exist. load: New load:	
	DESIGN BUILDING AREA	472,937 sqft.	
	WORK AREA SQFT.	865 sqft.	
:	FIRE PROTECTION Section 903	Not sprinkled	

Unchanged

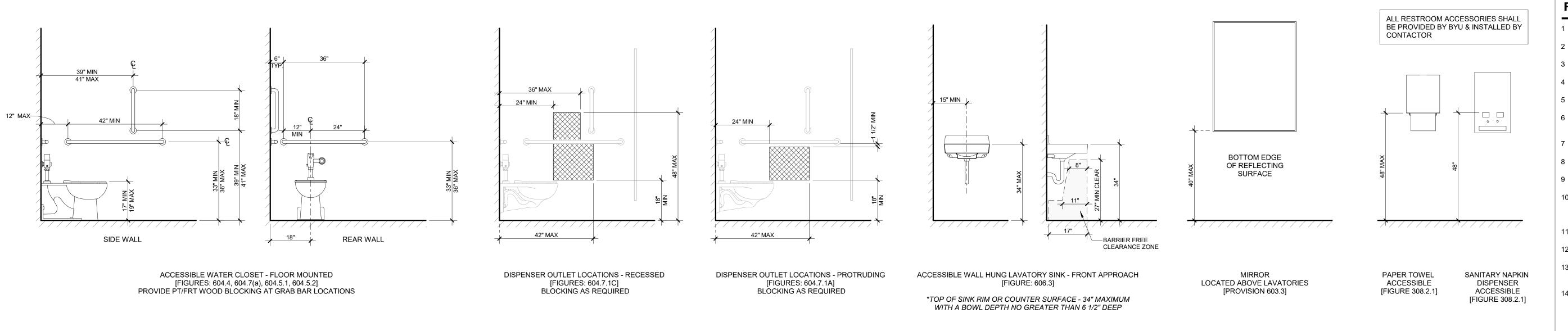
ADD

COVER SHEET

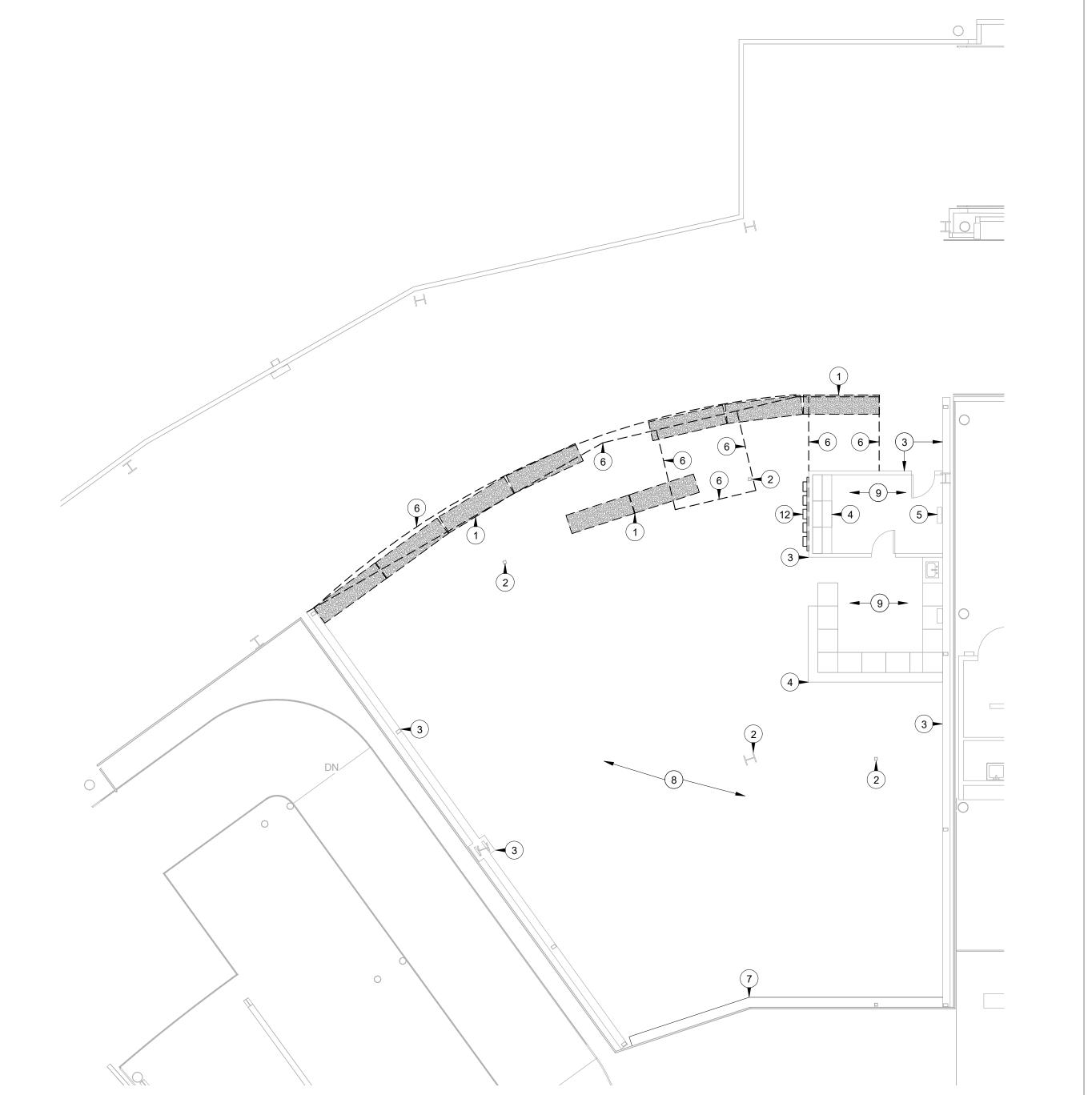
WORK ORDER & SHEET NO.

N4639

CONSTRUCTION DOCS - CONTR.







- 1 REMOVE/SALVAGE EXIST. MOBILE SHRUB WALL TO ATHLETICS
- 2 EXIST. STEEL COLUMN TO REMAIN, PROTECT
- 3 EXIST. INSULATED ALUM. PANEL WALL SYSTEM TO REMAIN, PROTECT AS REQ'D.
- 4 EXIST. STEEL CABINETS & STONE COUNTER TOPS TO REMAIN, PROTECT AS REQ'D.
- 5 EXIST. ELECTRICAL POWER PANEL TO REMAIN, SEE ELECTRICAL PLANS
- 6 REMOVE/DISPOSE OF PORTION OF EXIST. OUTDOOR CARPET INCLUDING GLUE, FIELD
- 7 EXIST. METAL & ACRYLIC DRINK RAILS TO
- REMAIN, PROTECT AS REQ'D. 8 EXIST. OUTDOOR CARPET TO REMAIN
- THRU-OUT, PROTECT AS REQ'D.
- 9 EXIST. LVT FLOORING TO REMAIN, PROTECT AS DRAWN BY:
- 10 NEW 6" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND | ADA CHECK: FROM FLOOR TO DECK (APPROX. 15'-0), SEE DETAIL 7/A2.1
- 11 NEW 6070 DOUBLE ALUMINUM/GLASS
- STOREFRONT DOORS W/ ALUMINUM FRAME
- 12 REMOVE/RELOCATE EXIST. BACK-LIT SHOE DISPLAY (NIC), SEE ELECTRICAL
- 13 NEW LOCATION OF BACK-LIT SHOE DISPLAY; PROVIDE ELECTRICAL POWER, SEE
- ELECTRICAL 14 PROVIDE & INSTALL CARD ACCESS BY OWNER



FACILITIES PLANNING 240 BRWB PROVO, UTAH 84602 PHONE: (801) 422-5504

03/28/2024 **DESIGNER:** K. MARTIN

FAX: (801) 422-0566

CODE CHECK: STRUCTURAL:

ENGINEERING: PLANNING DIR:

CLIENT APPROVAL

REVISIONS

TERRACE ICS

FINISH SCHEDULE

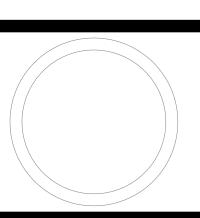
FLOORS (NIC)
F1 HOSTING AREA:
EXISTING FLOORING TO REMAIN

F2 RESTROOMS: TARKETT LVP Style Grand Ash PC 3635-C Color: Saffron

BASE (NIC) B1 HOSTING AREA NONE

B2 RESTROOMS: JOHNSONITE MILLWORK BASE 4" Metallic (WHERE OCCURS)

WALLS
W1 Kingspan Optimo 2" panel
COLOR: Bright Silver



DEMOLITION & NEW FLOOR PLAN

WORK ORDER & SHEET NO.

N4639 A1.0

CONSTRUCTION DOCUMENTS

CHAMPIONS TERRACE 300 F1 B1 W1

N4639 NEW FLOOR PLAN
SCALE: 1/8" = 1'-0"

N4639 DEMOLITION FLOOR PLAN

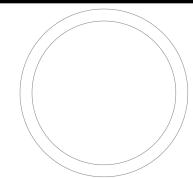
SCALE: 1/8" = 1'-0"



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03.28.2024 DESIGNER: K. MARTIN

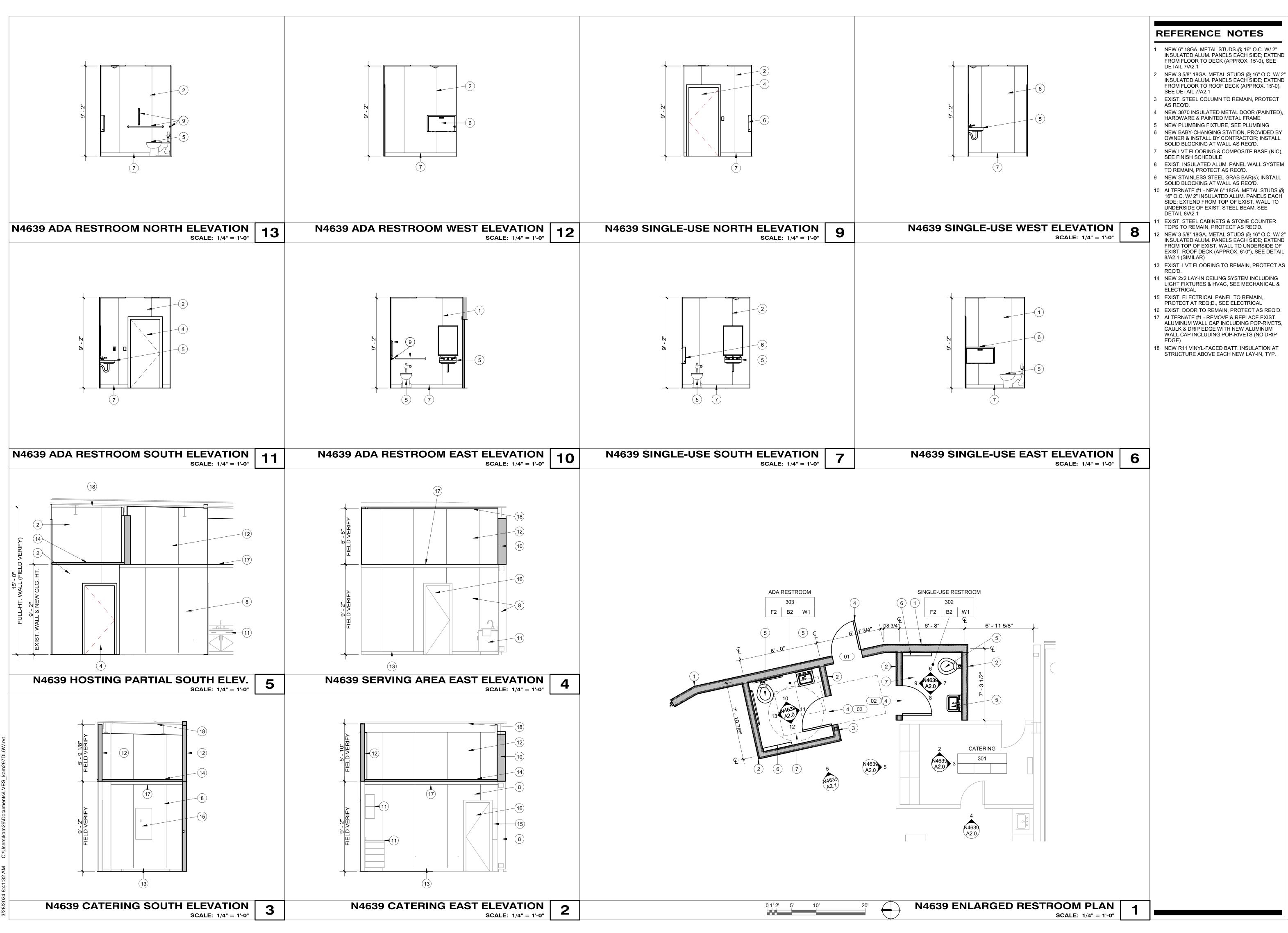
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DEMOLITION & NEW CEILING PLANS

WORK ORDER & SHEET NO.

N4639





- 2 NEW 3 5/8" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND FROM FLOOR TO ROOF DECK (APPROX. 15'-0),
- 3 EXIST. STEEL COLUMN TO REMAIN, PROTECT
- HARDWARE & PAINTED METAL FRAME
- 6 NEW BABY-CHANGING STATION, PROVIDED BY OWNER & INSTALL BY CONTRACTOR; INSTALL
- 7 NEW LVT FLOORING & COMPOSITE BASE (NIC),
- 8 EXIST. INSULATED ALUM. PANEL WALL SYSTEM
- 9 NEW STAINLESS STEEL GRAB BAR(s); INSTALL ADA CHECK:
- 10 ALTERNATE #1 NEW 6" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND FROM TOP OF EXIST. WALL TO UNDERSIDE OF EXIST. STEEL BEAM, SEE
- TOPS TO REMAIN, PROTECT AS REQ'D.
- NEW 3 5/8" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND FROM TOP OF EXIST. WALL TO UNDERSIDE OF EXIST. ROOF DECK (APPROX. 6'-0"), SEE DETAIL
- 13 EXIST. LVT FLOORING TO REMAIN, PROTECT AS
- 14 NEW 2x2 LAY-IN CEILING SYSTEM INCLUDING LIGHT FIXTURES & HVAC, SEE MECHANICAL &
- 15 EXIST. ELECTRICAL PANEL TO REMAIN,
- PROTECT AT REQ;D., SEE ELECTRICAL
- ALUMINUM WALL CAP INCLUDING POP-RIVETS, CAULK & DRIP EDGE WITH NEW ALUMINUM WALL CAP INCLUDING POP-RIVETS (NO DRIP
- STRUCTURE ABOVE EACH NEW LAY-IN, TYP.



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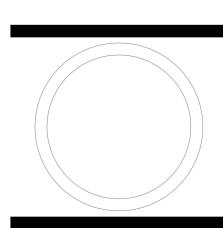
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PLANNING DIR: **CLIENT APPROVAL**

REVISIONS

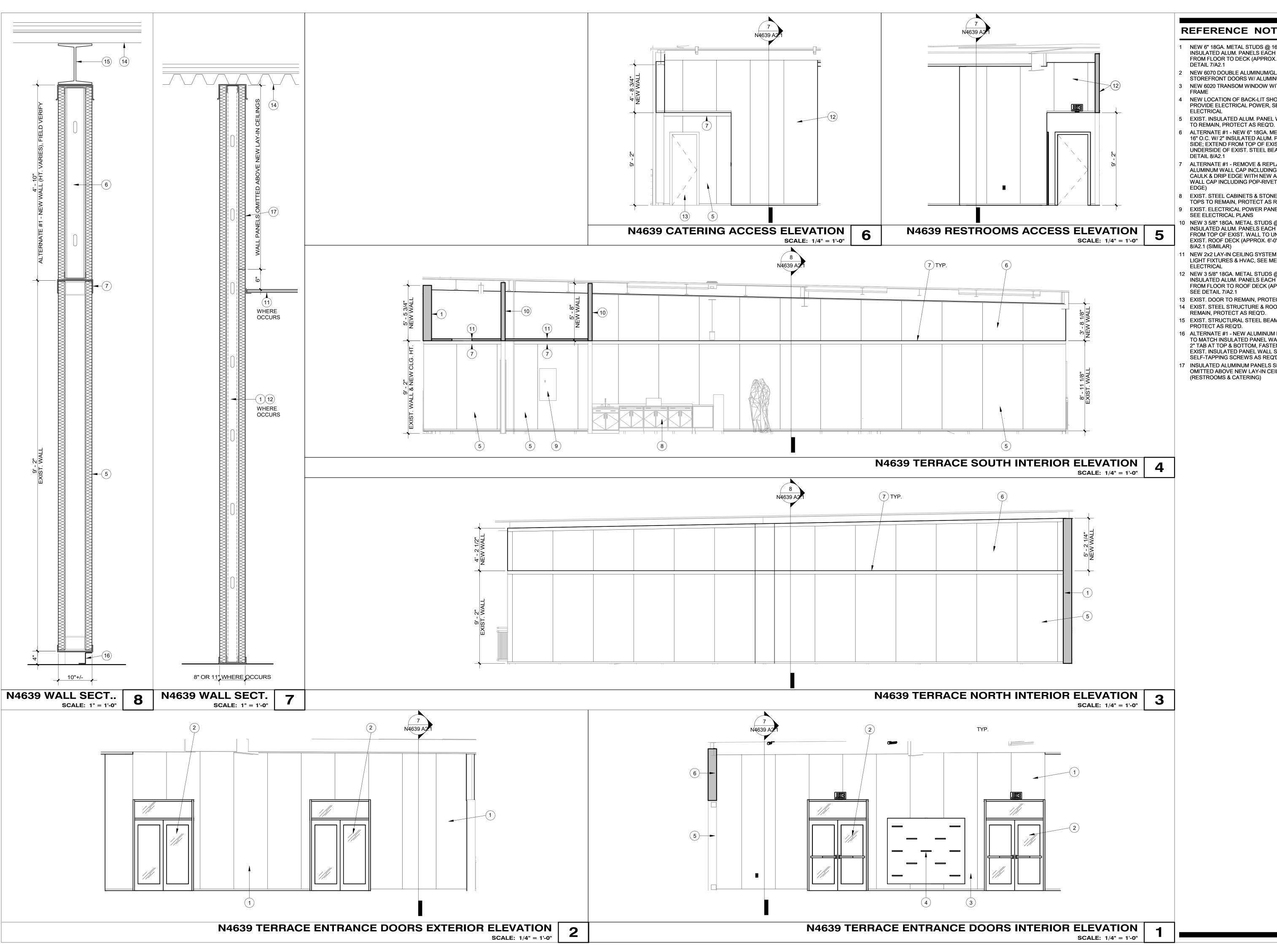
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ENLARGED RESTROOM PLAN & INTERIOR ELEVATIONS

WORK ORDER & SHEET NO.

N4639 **A2.0**



- 1 NEW 6" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND FROM FLOOR TO DECK (APPROX. 15'-0), SEE
- 2 NEW 6070 DOUBLE ALUMINUM/GLASS STOREFRONT DOORS W/ ALUMINUM FRAME
- 3 NEW 6020 TRANSOM WINDOW WITH ALUMINUM
- 4 NEW LOCATION OF BACK-LIT SHOE DISPLAY; PROVIDE ELECTRICAL POWER, SEE
- 5 EXIST. INSULATED ALUM. PANEL WALL SYSTEM
- 6 ALTERNATE #1 NEW 6" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND FROM TOP OF EXIST. WALL TO UNDERSIDE OF EXIST. STEEL BEAM, SEE
- 7 ALTERNATE #1 REMOVE & REPLACE EXIST ALUMINUM WALL CAP INCLUDING POP-RIVETS, CAULK & DRIP EDGE WITH NEW ALUMINUM WALL CAP INCLUDING POP-RIVETS (NO DRIP
- 8 EXIST. STEEL CABINETS & STONE COUNTER
- TOPS TO REMAIN, PROTECT AS REQ'D. 9 EXIST. ELECTRICAL POWER PANEL TO REMAIN, SEE ELECTRICAL PLANS
- 10 NEW 3 5/8" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATED ALUM. PANELS EACH SIDE; EXTEND FROM TOP OF EXIST. WALL TO UNDERSIDE OF CLIENT APPROVAL EXIST. ROOF DECK (APPROX. 6'-0"), SEE DETAIL
- 11 NEW 2x2 LAY-IN CEILING SYSTEM INCLUDING LIGHT FIXTURES & HVAC, SEE MECHANICAL &
- 12 NEW 3 5/8" 18GA. METAL STUDS @ 16" O.C. W/ 2" INSULATION ANNELS EACH SIDE; EXTEND FROM FLOOR TO ROOF DECK (APPROX. 15'-0), SEE DETAIL 7/A2.1
- 13 EXIST. DOOR TO REMAIN, PROTECT AS REQ'D. 14 EXIST. STEEL STRUCTURE & ROOF DECK TO REMAIN, PROTECT AS REQ'D.
- 15 EXIST. STRUCTURAL STEEL BEAM TO REMAIN, PROTECT AS REQ'D.
- 16 ALTERNATE #1 NEW ALUMINUM BREAK-METAL TO MATCH INSULATED PANEL WALL SYSTEM W/ 2" TAB AT TOP & BOTTOM, FASTEN TOP TAB TO EXIST. INSULATED PANEL WALL SYSTEM W/ SELF-TAPPING SCREWS AS REQ'D.
- 17 INSULATED ALUMINUM PANELS SHALL BE OMITTED ABOVE NEW LAY-IN CEILINGS, TYP. (RESTROOMS & CATERING)



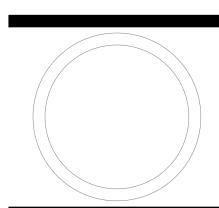
FACILITIES PLANNING 240 BRWB PROVO, UTAH 84602 PHONE: (801) 422-5504 FAX: (801) 422-0566

03.28.2024 DESIGNER: K. MARTIN

DRAWN BY:

ADA CHECK: CODE CHECK:

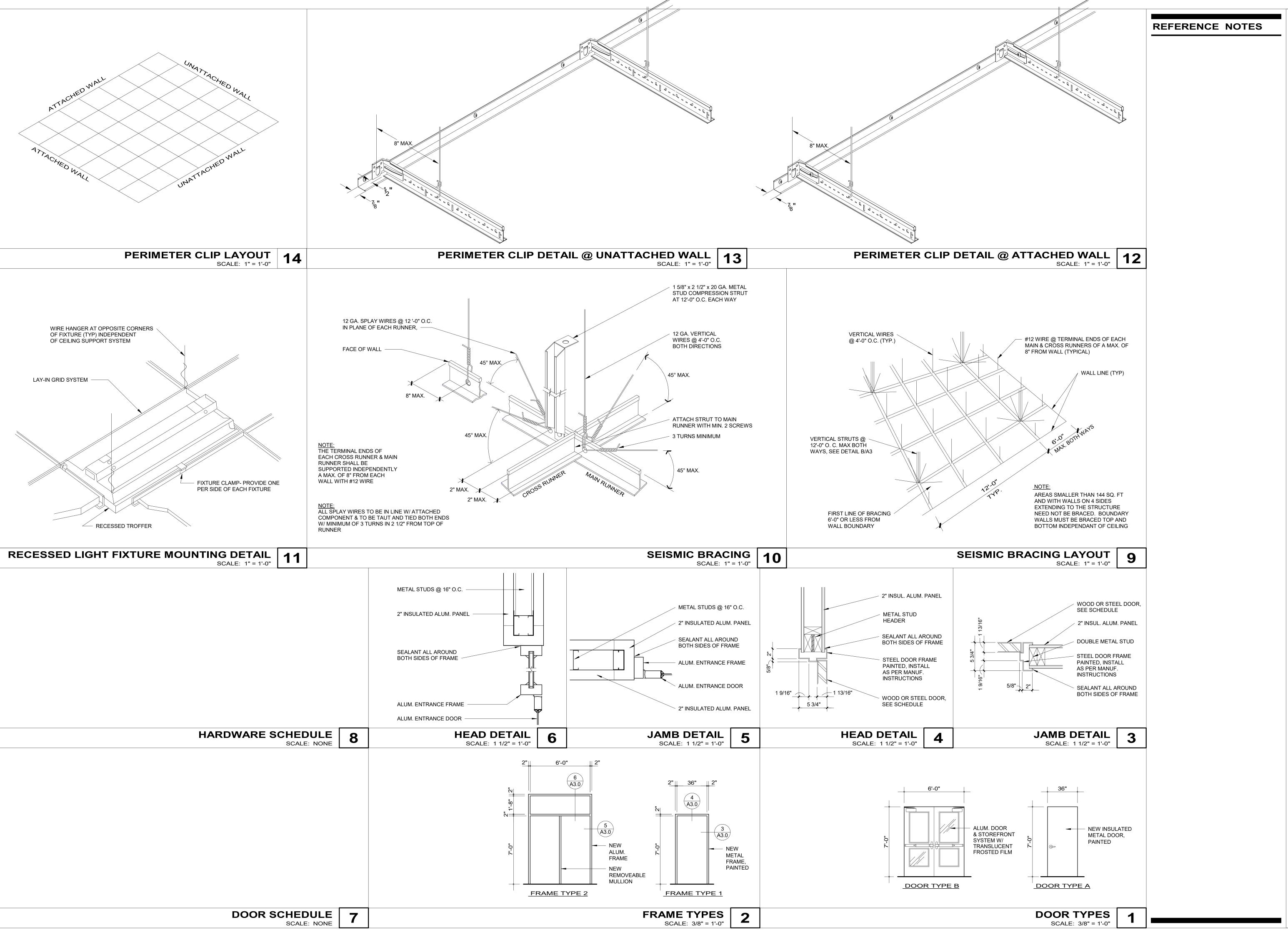
STRUCTURAL: PLANNING DIR:



INTERIOR ELEVATIONS & WALL SECTIONS

WORK ORDER & SHEET NO.

N4639 **A2.1**



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1875
1875

FACILITIES PLANNING
240 BRWB PROVO, UTAH 84602
PHONE: (801) 422-5504
FAX: (801) 422-0566

 DATE:
 03.28.2024

 DESIGNER:
 K. MARTIN

 DRAWN BY:
 FR

ADA CHECK:

STRUCTURAL:

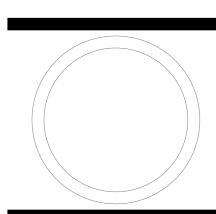
PLANNING DIR:

CLIENT APPROVAL

REVISIONS

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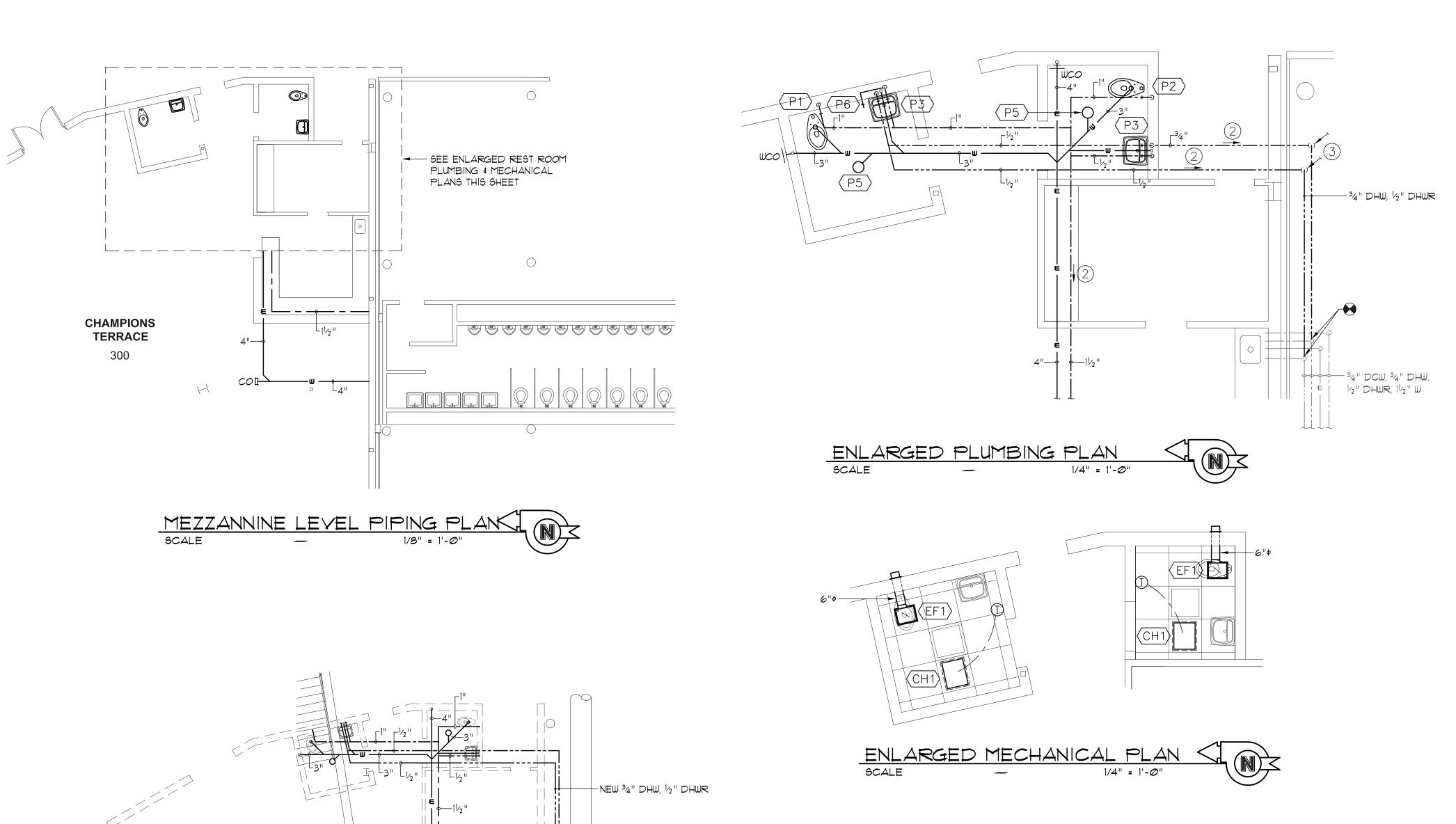
BRIGHAM YOUNG
UNIVERSITY
ADD RESTROOMS TO CHAMPIONS TERRACE

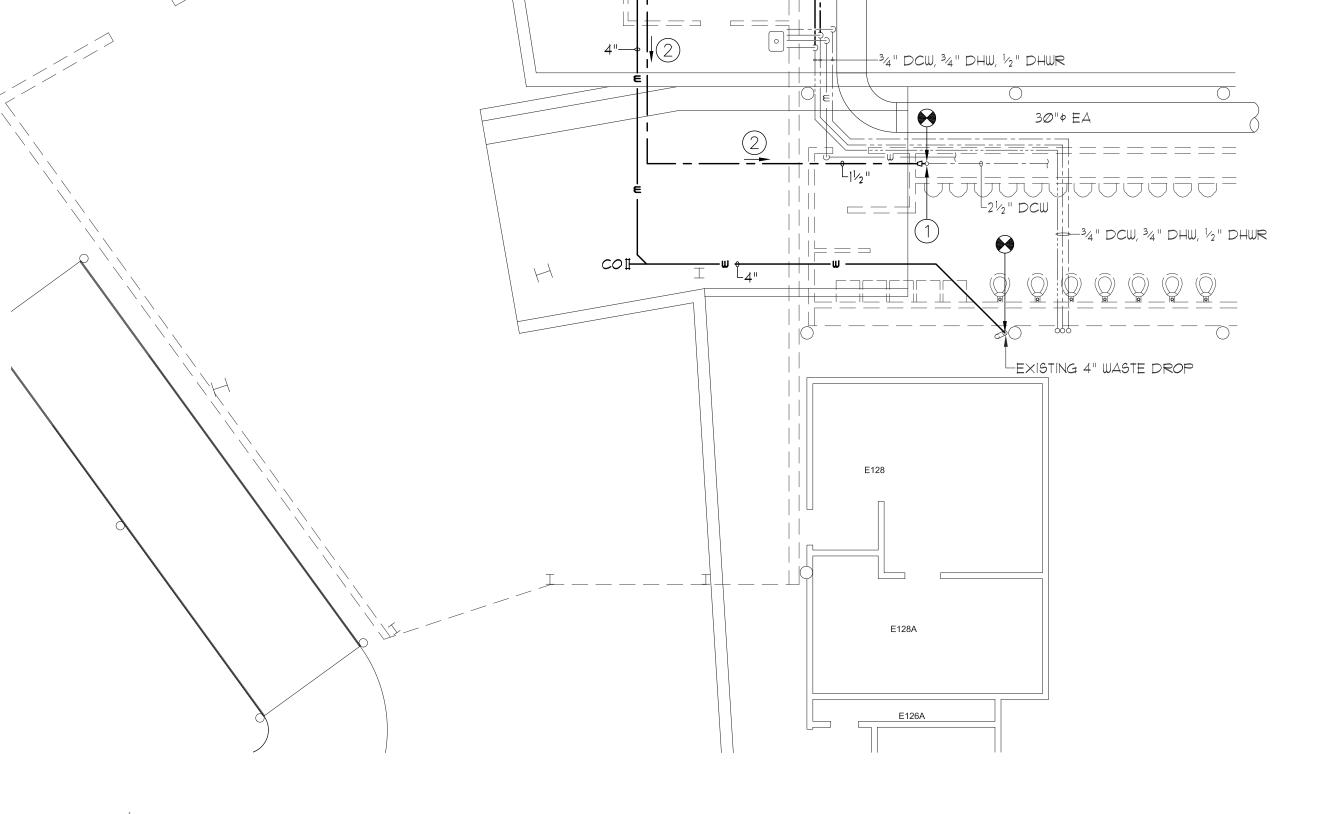


DOOR, FRAME TYPES, SCHEDULES & DETAILS

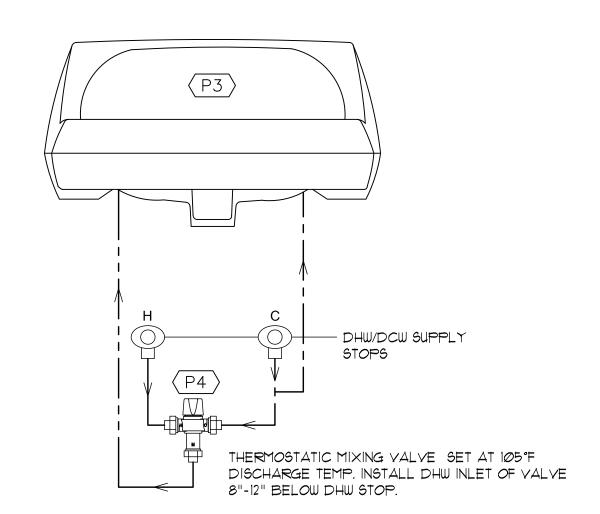
WORK ORDER & SHEET NO.

N4639 A3.0





GROUND LEVEL PIPING PLAN



LAVATORY THERMOSTATIC MIXING VALVE DETAIL

SCALE - NTS

KEYED REFERENCE NOTES

- (1) DISCONNECT EXISTING 2½" DCW PIPE AT FLANGED CONNECTION.
 REPLACE 2½" ELBOW WITH TEE AND RECONNECTPIPING AT
 FLANGE. REDUCE AT OTHER LEG OF TEE TO 1½" AND CONNECT
 NEW 1½" DCW TO NEW RESTROOMS.
- NEW 11/2" DCW TO NEW RESTROOMS.

 2 GRADE NEW 11/2" DCW PIPING BACK TOWARD NEW CONNECTION AT MAIN A MINIMUM OF 1/8" PER FOOT TO ACCOMMODATE
- 6" LONG DROPS WITH BALL VALVES FOR WINTERIZING DRAINAGE. TYPICAL 34" DHW AND 1/2" DHWR.

WINTERIZING DRAINAGE.

(4) GRADE NEW 34" DHW & 1/2" DHWR PIPING BACK TOWARD DRAIN VALVES A MINIMUM OF 1/8" PER FOOT TO ACCOMMODATE WINTERIZING DRAINAGE.

GENERAL MECHANICAL NOTES

- 1. ALL NEW DCW/DHW PIPING SHALL BE COPPER TYPE K or L UNLESS OTHERWISE NOTED.
- ALL NEW OR REPAIRED PIPING SHALL BE INSULATED WITH I"
 THICK, SNAP-ON PIPE INSULATION WITH A PVC VAPOR JACKET.
 FURNISH & INSTALL A PVC JACKET ON ALL FITTINGS.
 INSULATE LAVATORY "P" TRAP WITH PREFORMED, SNAP-ON,
- 3. INSULATE LAVATORY "P" TRAP WITH PREFORMED, SNAP-ON, REMOVABLE INSULATION TO MEET ADA REQUIREMENTS. USE TRUEBRO Mod. 102 w/ACCESSORY 105 or EQUAL.
- SLOPE ALL NEW DOMESTIC WATER PIPING TO DRAINAGE
 POINTS A MINIMUM OF 1/8" PER FOOT. FIELD VERIFY DRAINAGE
 POINTS WITH OWNER PRIOR TO INSTALLATION.

No. EFFTBF No. EFFT1

MECHANICAL EQUIPMENT SCH	EDULE	
DESCRIPTION	MFG	CATALOG No.
CEILING EXHAUST FAN GALVANIZED STEEL HOUSING, CENTRIFUGAL DIRECT DRIVE FAN, ACOUSTICAL LINING, BACKDRAFT DAMPER, PLASTIC GRILLE, CAN BE SET TO 90, 110, OR 130cfm, SET FAN TO 90 cfm, 115/1/60, 15 WATTS, INTERNAL PLUG-IN TYPE DISCONNECT, VARIGREEN MOTOR WEIGHT: 12 lbs. ROUND HOODED WALL CAP - 6"\$ INLET	GREENHECK or EQUAL GREENHECK	No. SP-A90-130-VG No. WC-6
ELECTRIC CEILING MOUNTED HEATER RECESSED MOUNTING, GALVANIZED STEEL ENCLOSURE, UL LISTED, NON-GLOWING HEATING ELEMENT, ALUMINUM FAN BLADES, FAN DELAY SWITCH, THERMAL CUT-OUT, DISCONNECT SWITCH, LOUVERED FACEPLATE, SINGLE POLE THERMOSTAT, 5120 btuh, 1500 WATT, 120/1/60, 12.5 A WEIGHT: 23 lbs.	QMARK or EQUAL	No. EFFI500
	CEILING EXHAUST FAN GALVANIZED STEEL HOUSING, CENTRIFUGAL DIRECT DRIVE FAN, ACOUSTICAL LINING, BACKDRAFT DAMPER, PLASTIC GRILLE, CAN BE SET TO 90, II0, OR 130cfm, SET FAN TO 90 cfm, II5/1/60, I5 WATTS, INTERNAL PLUG-IN TYPE DISCONNECT, VARIGREEN MOTOR WEIGHT: 12 lbs. ROUND HOODED WALL CAP - 6"\$ INLET ELECTRIC CEILING MOUNTED HEATER RECESSED MOUNTING, GALVANIZED STEEL ENCLOSURE, UL LISTED, NON-GLOWING HEATING ELEMENT, ALUMINUM FAN BLADES, FAN DELAY SWITCH, THERMAL CUT-OUT, DISCONNECT SWITCH, LOUVERED FACEPLATE, SINGLE POLE THERMOSTAT, 5120 btuh, 1500 WATT,	CEILING EXHAUST FAN GALVANIZED STEEL HOUSING, CENTRIFUGAL DIRECT DRIVE FAN, ACOUSTICAL LINING, BACKDRAFT DAMPER, PLASTIC GRILLE, CAN BE SET TO 90, II0, OR 130cfm, SET FAN TO 90 cfm, II5/I/60, I5 WATTS, INTERNAL PLUG-IN TYPE DISCONNECT, VARIGREEN MOTOR WEIGHT: 12 lbs. ROUND HOODED WALL CAP - 6"\$ INLET ELECTRIC CEILING MOUNTED HEATER RECESSED MOUNTING, GALVANIZED STEEL ENCLOSURE, UL LISTED, NON-GLOWING HEATING ELEMENT, ALUMINUM FAN BLADES, FAN DELAY SWITCH, THERMAL CUT-OUT, DISCONNECT SWITCH, LOUVERED FACEPLATE, SINGLE POLE THERMOSTAT, 5120 btuh, 1500 WATT,

QMARK

SYM	DESCRIPTION	MFG NO.	O E C	HOT/ OUTLET	TRAP	VΕ
P1	WATER CLOSET FLOOR MOUNT, SIPHON JET FLUSHING ACTION, TOP SPUD, 1.6 GALLON FLUSH, 1658" HIGH ELONGATED BOWL, 12" ROUGH-IN COLOR-WHITE	KOHLER "HIGHCLIFF ULTRA" K-96051	11/2"	-	3"	11/2
	SEAT "LUSTRA", SOLID PLASTIC, OPEN FRONT, WHITE MANUAL FLUSH VALVE - 1.6 GPF, PISTON ACTION, ANGLE STOP, VACUUM BREAKER, SPUD NUT AND ESCUTCHEON, SWEAT SOLDER KIT	KOHLER K-4670-CA TOTO No. TMTILN32CP				
P2	WATER CLOSET FLOOR MOUNT, SIPHON JET FLUSHING ACTION, TOP SPUD, 1.6 GALLON FLUSH, 151/4" HIGH ELONGATED BOWL, 12" ROUGH-IN COLOR-WHITE	KOHLER "WELLCOMME ULTRA" K-96057	11/2"	-	3"	114
	SEAT "LUSTRA", SOLID PLASTIC, OPEN FRONT, WHITE MANUAL FLUSH VALVE - 1.6 GPF, PISTON ACTION, ANGLE STOP, VACUUM BREAKER, SPUD NUT AND ESCUTCHEON, SWEAT SOLDER KIT	KOHLER K-4670-CA TOTO No. TMTILN32CP				
(P3)	LAVATORY - MEETS ADA REQUIREMENTS VITREOUS CHINA, 4" FAUCET CENTERS, DRILLED FOR CONCEALED CARRIER OFFSET DRAIN 3/8" ANGLE SUPPLIES W/STOPS 1 1/4" CAST BRASS "P" TRAP	KOHLER "KINGSTON" K-2005 K-13885 K-7605-P K-8998	1/2"	1/2"	11/4"	11/2
	MANUAL LAVATORY FIXTURE 4" CENTERSET, METAL WASTE	CHICAGO No. 802-317ABCP	1/2 "	1/2"	-	-
P4	LAVATORY HOT WATER TEMPERING VALVE 0.50 gpm MIN. FLOW RATE, 60°F - 140°F, PRESSURE UP TO 125 psi, THERMAL MOTOR, TAMPER RESISTANT HANDLE, 3/8" COMPRESSION FITTINGS	SYMMONS "MAXLINE" No. 7-210-CK	3/8"	3/8"	-	_
(P5)	FLOOR DRAIN DUCO CAST IRON BODY, ADJUSTABLE NICKEL-BRONZE TOP, SECONDARY FLASHING FLANGE	JAY R. SMITH No. 2005-A	-	-	2"	11/2
(P6)	SILL COCK POLISHED CHROME PLATED BRASS, REMOVABLE TEE HANDLE, FNPT INLET, SLIP WALL FLANGE, IN-LINE VACUUM BREAKER, SLOW COMPRESSION CARTRIDGE	CHICAGO No. 387-E27CP	3/4"	-	-	-

T-BAR MOUNTING FRAME KIT - DESIGNED TO MOUNT IN 2' x 2' GRID QMARK

SINGLE POLE T-STAT - FIELD INSTALLED



PHONE: (801) 422-0565

FACILITIES PLANNING

240 BRWB PROVO, UTAH 84602
PHONE: (801) 422-5504
FAX: (801) 422-0565

DATE: March 2024

DESIGNER: B. Holman

DRAWN BY: B. Holman

ADA CHECK:

CODE CHECK:

MECHANICAL:

STRUCTURAL:

PLANNING DIR:

CLIENT APPROVAL DATE

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CHAMPIONS - VP - ATHLETI

ADVANCEMENT

ADD

REVISIONS

BRIGHAM YOUNG University

PROFESSIONAL INCERNITY OF USAL INCERNITY OF USAL

DEMOLITION & NEW MECHANICAL PLANS AND SCHEDULES

WORK ORDER & SHEET NO.

N4639 M1.0

CONSTRUCTION DOCS - SHOPS



- 1 RELOCATE JUNCTION BOXES MOUNTED TO TOP
 OF PARTITION WALL IN PREPARATION FOR
 EXTENDING WALL TO ROOF DECK. UTILIZE
 FLEXIBLE CONDUIT BETWEEN THE WALL AND
 ROOF DECK TO ACCOMMODATE POSSIBLE
- STRUCTURAL MOVEMENT. 2 DEMOLISH EXISTING RECEPTACLE AND ABANDONED CIRCUITING COMPLETE. MAINTAIN POWER TO DOWNLINE DEVICES.
- 3 SHOE DISPLAY. POWER FROM SWITCHED OVERHEAD LIGHTING CIRCUIT. MAKE CONNECTIONS TO DISPLAY AS REQUIRED TO CONCEAL CORD.



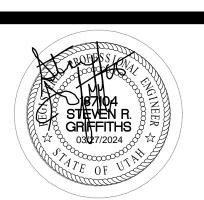
FACILITIES PLANNING 240 BRWB PROVO, UTAH 84602 PHONE: (801) 422-5504 FAX: (801) 422-0566

DATE:	03/27/2024
DESIGNER:	SRG
DRAWN BY:	SRG

ADA CHECK: CODE CHECK: STRUCTURAL: **ENGINEERING:** PLANNING DIR:

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DEMOLITION & NEW POWER PLANS

WORK ORDER & SHEET NO.

N4639 E1.0

CONSTRUCTION DOCUMENTS



- 1 REMOVE/SALVAGE EXISTING LINEAR PENDANT LUMINAIRE. PREPARE EXISTING CIRCUITING FOR CONNECTION TO NEW LUMINAIRES.
- 2 EXISTING TO REMAIN. SHOWN FOR REFERENCE ONLY.
- 3 REPLACE EXISTING DECORA STYLE DEVICES WITH STANDARD TOGGLE SWITCHES.
- 4 INSTALL NEW WATTSTOPPER DSW-301 OCCUPANCY SENSOR SWITCH.
- 5 CONNECT NEW LUMINAIRES TO EXISTING LIGHTING CIRCUIT.
- 6 INSTALL WATTSTOPPER ELCU-200 DEVICE. CONNECT TO EXISTING NORMAL POWER LIGHTING CIRCUIT, SWITCHED CIRCUIT, AND
- NEAREST EXISTING EM GENERATOR CIRCUIT. 7 TO EXISTING EM GENERATOR CIRCUIT. 8 INSTALL NEW CEILING-MOUNTED
- SPEAKER/STROBE DEVICE. CONNECT TO EXISTING NAC CIRCUIT VIA 3/4"C AND CAMPUS-STANDARD CABLING.



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DEMOLITION & NEW LIGHTING PLANS

WORK ORDER & SHEET NO.

N4639 E1.1



FIXTURE FIXTURE FIXTURE FIXTURE FIXTURE DES								
FIXTURE FIXTURE NUMBER MANUFACTURER		FIXTURE CATALOG NUMBER	LUMENC		DESCRIPTION			
NUIVIDER	WANUFACTURER	CATALOG NUMBER	LUMENS	ССТ	VOLIS	WATTS	MOUNTING	
F1	AXIS LIGHTING	WBLED-900-80-40-S-4'-AP-UNV-DP-1-SA(12)	3600 LUMENS	4000K	UNV	40	PENDANT	48" LINEAR PENDANT (TO MATCHEXISTING)
F2	SYLVANIA METALUX SLG LIGHTING LITHONIA VENTURE RAB	PANELF4BS/030UNVD8SC7/22G/WH	SELECTABLE	SELECTABLE	UNV	30	LAY-IN GRID	2X2 LED LAY-IN FLAT PANEL
EX	DUAL-LITE	SESGW	INCLUDED	2	UNV	11.2	UNIVERSAL	POWERED SINGLE FACE EXIT

				EQ	UIPMI	ENT S	CHEC	ULE	E	
SYMBOL	DESCRIPTION	SER	VICE	DISCO	NNECT	CTARTER L		LOAD		DEMARKS
STIVIBUL	DESCRIPTION	VOLTS	PHASE	SIZE	FUSE	STARTER	HP/TON	VA	AMPS	REMARKS
CH1	CEILING HEATER	120 V	1Ø	-	-	-	-	996	8.3 A	
EF1	EXHAUST FAN	120 V	1Ø	-	-	-		48	0.4 A	
NOTES: 1.		CONNECT	ION REQUII	REMENTS (i.	e. VOLTAG	E, PHASE, FL	-A, ETC.) \	WITH ME	CHANICA	L DRAWINGS/SUBMITTALS.

								US RATING (AMPS): 100 REMARKS: EXISTING														
MOUNTING: SURFACE						PHASE: 3 MAIN LUGS ONLY																
ENCLOSURE: NEMA 3R				WIRE: 4 MINIMUM EQUIPMENT RATING							22,000	AMPS (F	RMS-SY	M)								
CIR	IRCUIT BREAKER			FEEDI	ER	CKT	. LOAD	LOA	D/PHASE	(VA)	CKT. LOAD		FEEDE		₹		CIR	RCUIT BREAK		KE		
No.	AMPS	POLE	MOD.	CIRCUIT NAME	С	WIRE	GRD	DEMAND FACTOR	WATTS	ØΑ	ØВ	øс	WATTS	DEMAND FACTOR	GRD	WIRE	С	CIRCUIT NAME	MOD.	POLE	AMPS	N
1	20	1	EXST	RECEPTS	3/4"	#12	#12		360	2,360			2,000		#12	#12	3/4"	LIGHTING	EXST	1	20	1
3	20	1	EXST	RECEPTS	3/4"	#12	#12		720		883		163		#12	#12	3/4"	LIGHTING	EXST	1	20	_
5	20	1	EXST	RECEPTS	3/4"	#12	#12		360			540	180		#12	#12	3/4"	RECEPTS	EXST	1	20	(
7	20	1	EXST	RECEPTS	3/4"	#12	#12		180	360			180		#12	#12	3/4"	RECEPTS	EXST	1	20	- 1
9	20	1	EXST	RECEPTS	3/4"	#12	#12		180		900		720		#12	#12	3/4"	RECEPTS	EXST	1	20	1
11	20	1	EXST	RECEPTS	3/4"	#12	#12		180			680	500		#12	#12	3/4"	RECEPTS	EXST	1	20	1
3	20	1	EXST	RECEPTS	3/4"	#12	#12		180	1,176			996		#12	#12	3/4"	CH1		1	20	1
15	20	1	EXST	SPARE							996		996		#12	#12	3/4"	CH1		1	20	1
17	20	1	EXST	SPARE								1,080	1,080		#12	#12	3/4"	RECEPTS		1	20	1
19	20	1	EXST	SPARE						0								SPARE	EXST	1	20	2
21	20	1	EXST	SPARE							0							SPARE	EXST	1	20	2
23	20	1	EXST	SPARE								0						SPARE	EXST	1	20	2
25	20	1	EXST	SPARE						0								SPARE	EXST	1	20	2
27	20	1	EXST	SPARE							0							SPARE	EXST	1	20	2
29	20	1	EXST	SPARE								0						SPARE	EXST	1	20	3
									ſ	ØA	ØB	ØC	TOTALS	1								
									l	5.396	2.779	2,300	10,475	4	FCTFI	DIOA	D (\/A)					
									- 1	0,000	2,770	2,000		CONN			, ,					
									- 1	-3,896	-2,779	-2,300		4			` '	TMENTS (VA)				
									ŀ	1.500	0	0	1,500	4			, LD000	TWEITTO (VII)				
									ŀ	12	0	0	1,000	TOTAL								
									- 1				12	MAXIN		. ,	4)					

DEVICES AND PATHWAYS WIRING SYSTEM CONCEALED IN WALL OR CEILING. BRANCH CIRCUIT HOMERUN TO PANEL. JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. DUPLEX RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE \Rightarrow RECEPTACLE ON A CIRCUIT). DUPLEX GFCI RECEPTACLE QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTACLES. DUPLEX RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT). T.V. RECEPTACLE MOUNTED AT 72" A.F.F. OR AT HEIGHT NOTED ON DRAWING. TELEVISION RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE TVSS | RECEPTACLE ON A CIRCUIT). MOUNTED AT HEIGHT SPECIFIED BY OIT. MODULAR FURNITURE CONNECTION. PROVIDE DOUBLE-GANG BARRIERED J-BOX FOR POWER & TELE/DATA. EXTEND 1-1/4" EC TO ABOVE ACCESSIBLE CEILING FOR TELE/DATA. CONNECT POWER AS INDICATED. 3/4" CONDUIT PENETRATION THROUGH FLOOR FOR FURNITURE

PANELS, DISCONNECTS

CONNECTION. SEE DETAIL 1 IN SHEET E5.2 FOR DETAILS.

SEE DETAIL 1 IN SHEET E5.2 FOR DETAILS.

PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF

1" CONDUIT PENETRATION THROUGH FLOOR FOR FURNITURE CONNECTION.

LIGHTING (SEE FIXTURE SCH.) LED GRID TROFFER FIXTURE. SEE FIXTURE SCHEDULE. SUSPEND TWO CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE. LED LINEAR PENDANT LIGHT LED RECESSED DOWN LIGHT SCHEDULE FOR FIXTURE TYPE.

LED FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE FIXTURE EXIT LIGHT WITH ARROWS AND NUMBERS OF FACES AS INDICATED ON PLANS. CONNECTED TO EMERGENCY LIGHTING CIRCUIT. SEE LIGHTING FIXTURE

SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT.

WALL MOUNTED DUAL TECH OCCUPANCY SENSOR AND SWITCH. LOW VOLTAGE LIGHT SWITCH. CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY.

CEILING MOUNTED OCCUPANCY SENSOR POWER PACK. LIGHTING ROOM CONTROLLER.

UNLESS OTHERWISE NOTED. WHITE FINISH.**.

THREE WAY SWITCH, 20 AMP, 120/277 VOLT.

EMERGENCY LIGHTING CONTROLLER MODULE.

FIRE ALARM

CEILING MOUNTED SMOKE DETECTOR. FA VENDOR PROVIDED. ADA COMPLIANT CEILING MOUNTED FIRE ALARM SPEAKER STROBE DEVICE, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH. ADA COMPLIANT CEILING MOUNTED FIRE ALARM STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH. ADA COMPLIANT WALL MOUNT FIRE ALARM HORN WITH STROBE LIGHT, 15CD

GENERAL NOTES

- 1. CONTACT THE ENGINEER AS SOON AS POSSIBLE IF DESIGN IRREGULARITIES ARE DISCOVERED.
- 2. FOLLOW THE DESIGN AS PER THESE STANDARD PLANS, ANY CHANGES. ADDITIONS, OR ADJUSTMENTS SHALL BE REVIEWED WITH THE ENGINEER.
- 3. SEE OIT DRAWINGS FOR PATHWAYS AND J-BOXES REQUIRED FOR TELE/DATA AND AUDIO/VISUAL NEEDS. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL REQUIRED PATHWAYS AND BACK BOXES IN HIS BID.
- 4. ALL CONDUIT PENETRATIONS THROUGH WALLS, FLOORS, AND CEILINGS SHALL HAVE FIRE CAULKING APPLIED AS REQUIRED BY THE LATEST ADOPTED REVISION OF THE IFC AND IBC.

ABBREVIATIONS

+42" DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED. SEE PLANS. 3R NEMA 3R RATING

AFF ABOVE FINISHED FLOOR AHJ AUTHORITY HAVING JURISDICTION AHU AIR HANDLER UNIT C CONDUIT WITH PULL CORD C.B. CIRCUIT BREAKER

CLG INSTALLED IN CEILING EC EMPTY CONDUIT WITH PULL CORD E.C. ELECTRICAL CONTRACTOR EWC ELECTRIC WATER COOLER EWH ELECTRIC WATER HEATER

FACP FIRE ALARM CONTROL PANEL FPN FUSE PER NAMEPLATE LC LIGHTING CONTACTOR M.C. MECHANICAL CONTRACTOR P.C. PLUMBING CONTRACTOR U.G. UNDERGROUND

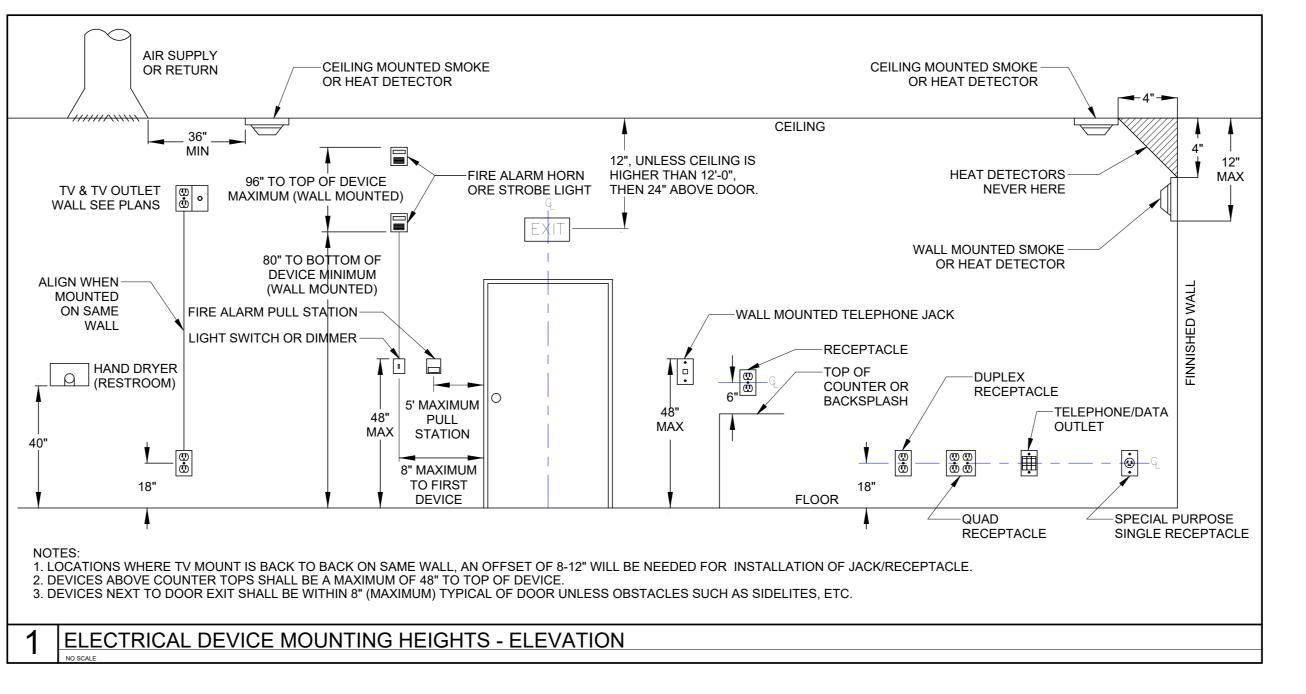
(EQUIPMENT RATING)

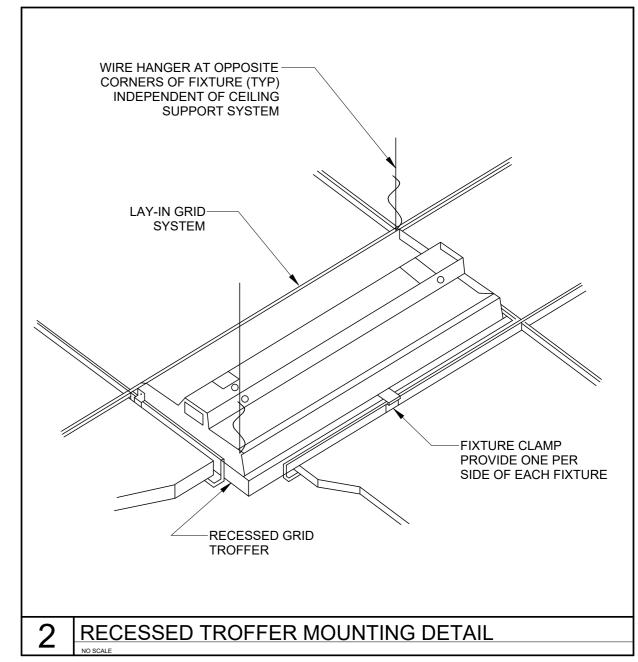
WP WEATHER PROOF S.E. SERVICE ENTRANCE EM EMERGENCY FIXTURE WITH GENERATOR BACK-UP

Isc RMS SYMMETRICAL SHORT CIRCUIT CURRENT AIC AMPERE INTERRUPTING CAPACITY

TVSS SURGE PROTECTION DEVICE MOUNTED

AT HEIGHT DESIGNATED BY OIT.





FOUNDED BYU

FACILITIES PLANNING 240 BRWB PROVO, UTAH 84602 PHONE: (801) 422-5504 FAX: (801) 422-0566

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ADVANCEMENT
LAVELL EDWARDS STADIUM (

ELECTRICAL SCHEDULES & SYMBOLS

WORK ORDER & SHEET NO.

N4639