LEGEND - REFLECTED CEILING PLANS

ACP1 - 24" X 24" ACOUSTICAL CEILING PANEL

ACP2 - 24" X 48" ACOUSTICAL CEILING PANEL

GB1 - PAINTED GYPSUM BOARD

OTS OPEN TO STRUCTURE

OTSP OPEN TO STRUCTURE - PAINTED

MECHANICAL DIFFUSERS
SEE MECHANICAL

LIGHT FIXTURES
SEE ELECTRICAL

MOTORIZED ROLLER SHADE

MANUAL ROLLER SHADE

REFLECTED CEILING PLAN GENERAL NOTES

RE: A710 for typical suspended ceiling details, including seismic bracing.

Ceiling Height: 9'-0" UNO. Where floor height varies in a room, ceiling height is shown at the entry to the room, UNO.

Ceiling Grid/Panel Alignment: The design intent of the Reflected Ceiling Plans is center ceiling grids or acoustical panels between walls in both directions, or to center grids in one direction, panels in the other. If the grid does not comply with the design intent, then coordinate with Architect to adjust the ceiling layout prior to installation.

Seismic Design Category: D: Heavy-duty suspension system required / Refer to Structural / Refer to Specifications.

Seismic Bracing: Rigid bracing required at ceilings over 1,000 SF and at all ceilings with fire sprinklers and other penetrations.

Seismic Control Joints: Provide seismic control joints in suspended acoustical ceilings greater than 2,500 SF.

Control Joints: Provide control joints in gypsum board ceilings at 30'-0" max spacing. Coordinate locations with Architect to align joints with other elements in the ceilings or on the walls.

Exposed Elements: Paint exposed structure, pipe, conduit and HVAC duct at open ceilings and at open areas around ceiling clouds. Color: As selected by Architect.

Walls to Deck: Extend all walls to deck, including all components of the wall assembly, UNO.

Fire Sprinklers: Center sprinkler heads in acoustical panels; run in straight lines in orthogonal, rectangular spaces.

Electrical, Mechanical and other Devices: Center in acoustical panels. Coordinate feature lighting layout with Architect prior to rough-in.

Keynotes: Not all keynotes apply to this sheet.

FLOOR PLAN GENERAL NOTES

References to sheets below are provided to aid in navigating the drawings.

RE: G200 for Fixture Mounting Heights.

RE: G400 for Floor, Roof and Exterior Wall Types.

RE: G500 for Interior Wall Types.

RE: G600 for typical details.

RE: AXXX for slab edges, recesses and other transitions.

RE: A600 for the Door Schedule.

RE: A620 drawings for Window Types.

RE: Structural for slab recesses.

RE: Structural for concrete scoring, except where decorative scoring is shown.

Rated Construction: Provide as shown on the plans, the Life Safety Plans and elsewhere in the documents. Seal penetrations with systems applicable to the application and that have UL or other testing agency certifications.

Keynotes: Not all keynotes apply to this sheet.

FIRST FLOOR REFLECTED CEILING PLAN

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

0 4' - 0" 8' - 0" 16' - 0"

FIRST FLOOR PLAN

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

0 4' - 0" 8' - 0" 16' - 0"

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PERMIT SET
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SHEET NAME
FIRST FLOOR PLAN AND REFLECTED CEILING PLAN

SHEET NUMBER
A101

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CASEWORK GENERAL NOTES

Verify in Field (VIF): Field verify all dimensions and conditions before fabrication.

Upper Cabinet Clearance: 12" minimum clear inside dimension, UNO.

Electrical and Data Coordination: Coordinate electrical and data device locations with millwork.

Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.

Grommets: Locate as directed by Owner after installation.

Cabinet Design Series

- Provide cabinets with integral finished ends and scribes at wall to wall installations not exceeding 1-1/2 inches in width.
- Where cabinets meet walls or other cabinets, provide filler panels, of sufficient width, but not exceeding 1-1/2 inches, to allow doors with pulls to swing a minimum of 90 degrees and to prevent drawers from hitting adjacent door or drawer pulls.
- Hardware and accessories shall be as provided for in these standards.

CDS are subdivided as follows:

Base Cabinets w/o Drawers	100 Series
Base Cabinets w/ Drawers	200 Series
Wall Hung Cabinets	300 Series
Tall Storage Cabinets	400 Series
Tall Wardrobe Cabinets	500 Series
Library Cabinets	600 Series
Moveable Cabinets	700 Series

General Notes

- 100 or 200 Series cabinets may be converted into moveable cabinets by prefixing a "7" to the number. (Example: 7-102-36"x 30"x 18" [7-102-914 mm x 762 mm x 457 mm]).
- Moveable cabinets shall be equipped with adequate approved casters for the intended load capacity.
- CDS #'s 728, 729, 735, 736, 737, 738, and 739 require metal angle reinforced corners.
- Carts and rolling tall storage cabinets with doors, lacking any horizontal and/or vertical stabilizing dividers, require a diaphragm bottom; specifically CDS #'s 702, 712, 716, 722, 743,744, 746, 747, 750, and 751.
- Wardrobe cabinets (500 Series) with doors require a framed mirror on one door, and cabinets # 533 and 534 require a paper roller/cutter and slide out tilting paper shelves.
- Cart storage cabinets are required to have hardwood side guides, specifically CDS #'s 160, 161, and 162.
- Ceramics drying cabinets are required to have galvanized metal frame shelves with wire mesh, specifically CDS #'s 198 199, and 459.
- File drawers require full extension slides and a file hanging system, specifically CDS #'s 223, 224, 230, 231, 240, 242, 253, 255, 531, 532, and 533.
- Wardrobe cabinets are required to have a shelf, pole, and framed mirror (without pin tray) when closed with hinged doors, specifically CDS #'s 501, 511, 512, 522, 530, 531, 532, and 552.
- Wardrobe cabinets are required to have a roll paper dispenser/cutter, specifically CDS #'s 533 and 534.

INTERIOR ELEVATIONS GENERAL NOTES

RE: North American Architectural Woodwork Standards v3.0 (NAAWS), Cabinet Design Series for cabinet types.

RE: G500 for Interior Wall Types.

RE: A640 for the Finish Schedule.

Dimensions shown to walls or casework are to finished face of wall or cabinet, UNO.

Equipment indicated by dashed lines is a general representation and shown for coordination purposes only.

Mechanical, electrical, plumbing and telecom rough-in locations are shown for general coordination purposes only. Refer to mechanical, electrical, plumbing and telecom drawings.

Countertops: 25" deep with 4" high backsplash, UNO. Provide sidesplashes at walls, tall cabinets or similar transitions.

Blocking: Provide blocking in walls at cabinets, wall-mounted accessories, equipment, display boards and similar items.

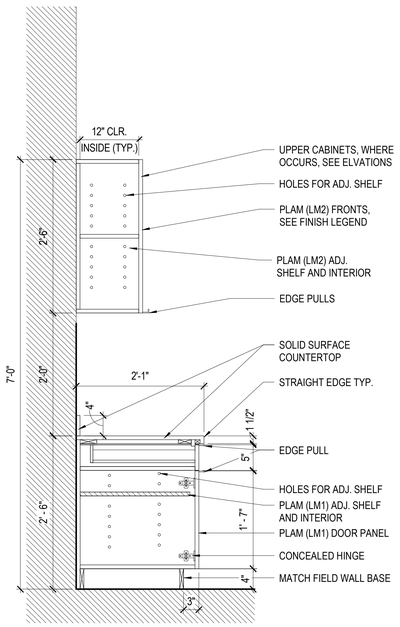
Finishes: Finishes are required on all exposed and semi-exposed surfaces, UNO. Wall elevations are not shown for walls where the Finish Schedule is deemed adequate to convey the intent.

Cabinet Locks: Provide locks on cabinet drawers and doors, keyed alike by room, UNO.

Casework Finishes: Provide laminate finishes on all exposed and semi-exposed surfaces as required by the specifications. Provide laminate finishes on concealed surfaces if required by the specifications. Refer to NAAWS Section 10.4.4 for definitions of exposed, semi-exposed and concealed surfaces.

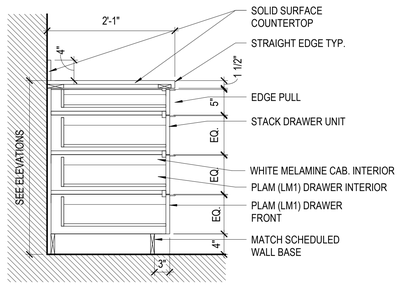
KEYNOTES - INTERIOR

1	FILLER PANEL
2	SOLID SURFACE COUNTERTOP, SEE FINISH SCHEDULE
3	REFIGERATOR - OFCI
4	ICE MACHINE - OFCI
5	COFFEE MAKER - OFCI
6	DISHWASHER - OFCI
7	OWNER PROVIDED EQUIPMENT



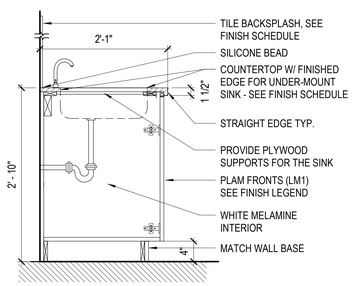
E1 MILLWORK LOWER / UPPER

SCALE: 1" = 1'-0"



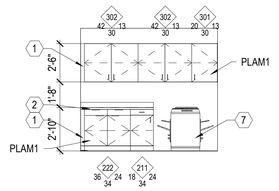
E2 MILLWORK DRAWERS, TYP.

SCALE: 1" = 1'-0"



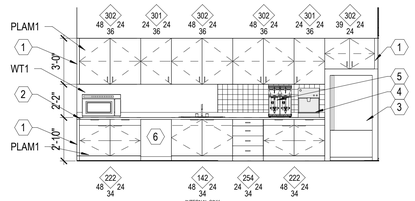
E3 MILLWORK w/SINK

SCALE: 1" = 1'-0"



E4 OPEN OFFICE STORAGE

SCALE: 1/4" = 1'-0"



E5 BREAKROOM

SCALE: 1/4" = 1'-0"

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SHEET NAME
INTERIOR ELEVATIONS & CASEWORK DETAILS

SHEET NUMBER
A410

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DOOR AND FRAME SCHEDULE

DOOR #	DOOR					FRAME		HEAD DETAIL	JAMB DETAIL	SILL DETAIL	FIRE RATING (MIN)	HARDWARE SET	REMARKS	DOOR #
	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL							
101	F	3'-0"	8'-0"	1 3/4"	WD	1	HM	D4/A600	D3/A600	E3/A600		01		101
102	F	3'-0"	8'-0"	1 3/4"	WD	1	HM	D4/A600	D3/A600	E3/A600		02		102
103A	FG	3'-0"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		03		103A
103B	FG	3'-0"	8'-0"	1 3/4"	WD	1	HM	D4/A600	D3/A600	E3/A600		03		103B
104	FG	3'-0"	8'-0"	1 3/4"	WD	1	HM	D4/A600	D3/A600	E3/A600		01		104
105	FG	3'-0"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		01		105
106	FG	3'-0 1/8"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		01		106
107	FG	3'-0"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		01		107
110	FG	2'-11 1/8"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		03		110
111	FG	3'-0"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		01		111
112	FG	3'-0"	8'-0"	1 3/4"	WD	2	AL	E2/A600	E1/A600	E3/A600		03		112
Grand total: 11														

DOOR SCHEDULE GENERAL NOTES

RE: A620 for the Glazing Schedule.

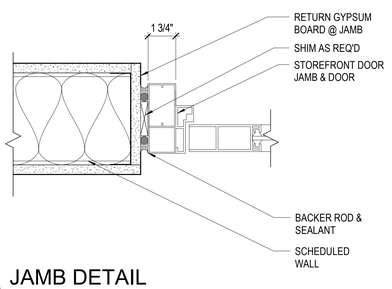
RE: Division 8 Section "Door Hardware" for hardware sets.

Door Leaves: At each door, provide the number of leaves shown on the plans. Where two leaves are shown, provide equal leaves, UNO.

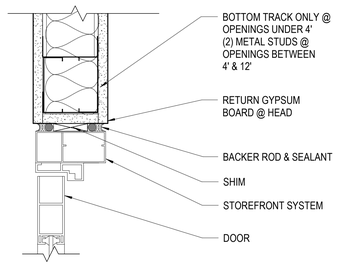
Frame Depth: Coordinate hollow metal frame depth with wall thickness, wrapping stud framed walls. Provide depths as scheduled for masonry walls, UNO.

Abbreviations: Door and Frame Schedule Remarks abbreviations:

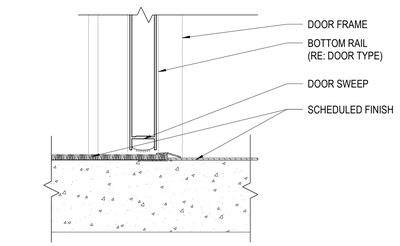
ADA	ADA Actuator
CR	Card Reader
DE	Delayed Egress
EL	Electric Latch
ES	Electric Strike
MO	Motor Operation
MHO	Magnetic Hold Open



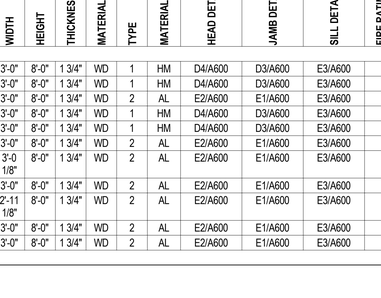
E1 JAMB DETAIL
SCALE: 3" = 1'-0"



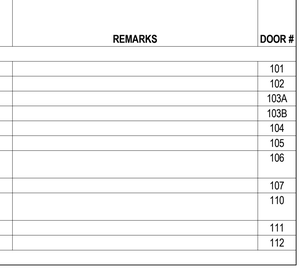
E2 HEAD DETAIL
SCALE: 3" = 1'-0"



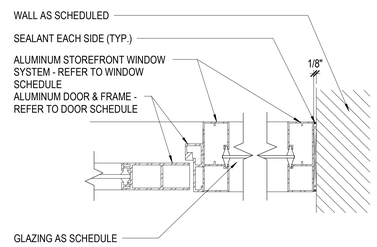
E3 SILL DETAIL
SCALE: 3" = 1'-0"



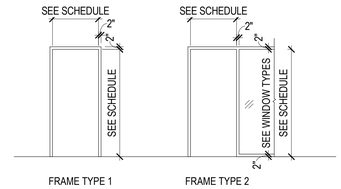
D3 DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



D4 DOOR HEAD DETAIL
SCALE: 3" = 1'-0"



E4 STOREFRONT JAMB DETAIL
SCALE: 3" = 1'-0"



DOOR & FRAME TYPES

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SHEET NAME
DOOR SCHEDULE & DETAILS

SHEET NUMBER
A600

WINDOW TYPES GENERAL NOTES

Window Frames: Frames are aluminum storefront, UNO. Finish as specified.

Glass Type: Provide the following glass types, UNO:
- Exterior Window/Storefront/Curtainwall Systems: 14 (1" Low-E Coated, Clear Tempered Insulated Glass)
- Interior Window Systems: 2 (6mm Clear Tempered Float Glass)

End Dams: Provide end dams at sill flashing.

Coordination: Coordinate all trades to provide complete systems, including, but not limited to framing, glazing, sealants, flashing, brake metal and backing.

GLAZING SCHEDULE	
T01	6mm (1/4") CLEAR TEMPERED FLOAT GLASS

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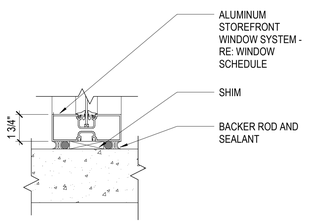

D2 SILL DETAIL
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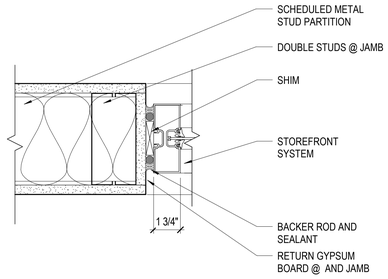

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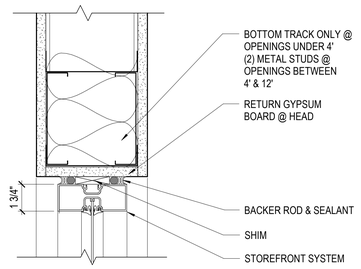
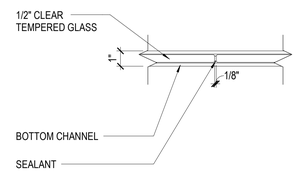
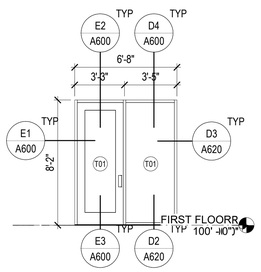


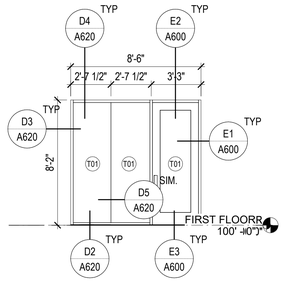
D4 HEAD DETAIL
SCALE: 3" = 1'-0"



D5 FIXED GLAZING @ BUTT JOINT
SCALE: 3" = 1'-0"



WINDOW TYPE 5
SCALE: 1/4" = 1'-0" STOREFRONT



WINDOW TYPE 4
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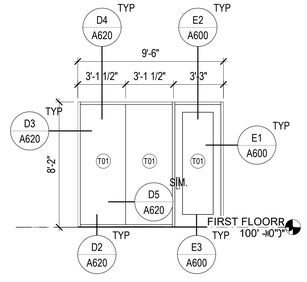
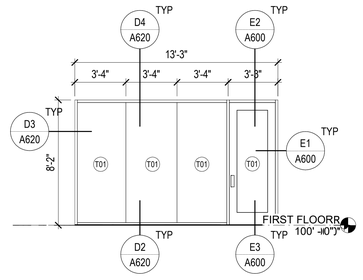
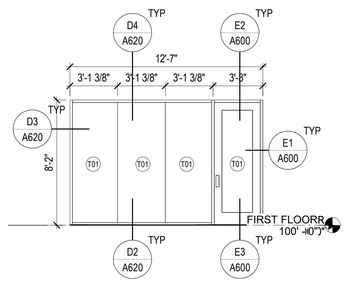


WINDOW TYPE 3
SCALE: 1/4" = 1'-0" STOREFRONT



WINDOW TYPE 2
SCALE: 1/4" = 1'-0" STOREFRONT



WINDOW TYPE 1
SCALE: 1/4" = 1'-0" STOREFRONT

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ISSUE
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12 JULY 2021

SHEET NAME
WINDOW TYPES & DETAILS

SHEET NUMBER
A620

FINISH SCHEDULE

RM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL				CEILING FINISH	CABINET FINISH	COUNTER TOP FINISH	REMARKS	RM #
				NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH					
100	LOBBY	WD1	RB	P1	P1	P1	P1	OTSP				100
101	COPY	WD1	RB	P1	P1	P1	P1	ACP1				101
102	STORAGE	SC1	RB	P1	P1	P1	P1	OTS				102
103	CONFERENCE	CT1	RB	P1	P1	P1	P1	ACP1/OTSP				103
104	OFFICE											104
105	OFFICE	CT1	RB	P1	P1	P1	P1	ACP1				105
106	OFFICE	CT1	RB	P1	P1	P1	P1	ACP1				106
107	OFFICE	CT1	RB	P1	P1	P1	P1	ACP1				107
108	OPEN OFFICE	CT1	RB	P1	P1	P1	P1	ACP1/OTSP/GB1	PLAM1	SS1		108
109	OPEN OFFICE	CT1	RB	P1	P1	P1	P1	ACP2/OTSP				109
110	BREAK ROOM	WD1	RB	P1	P1	P1	P1/WT1	GB1/OTSP	PLAM1	SS1		110
111	OFFICE	CT1	RB	P1	P1	P1	P1	ACP1				111
112	CONFERENCE	CT1	RB	P1	P1	P1	P1	ACP1/OTSP				112

FINISH SCHEDULE GENERAL NOTES

RE: Axxx for typical floor finish transition details

RE: A651 for Floor Pattern Plans

Finishes
Provide finishes as indicated in the finish schedule. Refer to interior elevations, where drawn, for clarification, dimensions and additional information. The absence of an interior elevation does not override the requirement to provide the finish indicated in the schedule.

Where a finish is partly hidden by an object, extend that finish behind the object.

Where multiple finishes are scheduled, refer to interior elevations and floor pattern plans for transition locations.

Floor: Extend floor finishes into knee spaces at cabinets, under counters and under all other objects, which in a floor plan view may obscure the extent of the floor finish.

Base: Where base is scheduled for a room, provide base at all walls whether shown in elevation, including alcoves and offsets. At gypsum board walls, if no base is scheduled or shown in interior elevations, provide 4" rubber base.

Walls: Extend wall finishes behind cabinets, behind mirrors, and into other areas that may be hidden in elevation views.

Ceilings: Paint areas above suspended ceilings that are visible from below. Color: black.

Doors, Windows and Frames: Unless specified to be pre-finished at the factory, provide paint finish on hollow metal doors and hollow metal door and window frames. Color as indicated, or if not indicated, then as selected by the Architect. Provide specified stain finish at wood doors.

Unfinished and Primed Metal Surfaces: Paint all unfinished and primed metal surfaces that are visible with the specified system(s). Color by Architect.

Standing and Running Trim: Provide specified stain finish at wood trim.

Floor Finish Transitions at Doors: Locate floor finish material transitions that occur at doors under the center of the door, UNO.

Floor Drains: Coordinate location of floor drains with Plumbing drawings.

Typical Colors, UNO:
Walls: P1
Hollow Metal Frames: DF1

Seaming Diagrams: Provide diagrams for broadloom carpet and sheet flooring.

Wall Covering Seams: Apply wall covering to minimize seams, to provide equal panels and locate seams no closer than 1'-0" from corners.

FINISH SCHEDULE LEGEND

FLOOR FINISHES

SC1- SEALED CONCRETE

CT1 - CARPET TILE 1
MANUFACURER: INTERFACE
STYLE: AERIAL AE311
COLOR: 104672 GREIGE
SIZE: 25 CM X 1 M
INSTALLATION PATTERN: TBD

WD1 - RESILIENT WOOD FLOOR 1
MANUFACTURER: SHAW FLOORS
STYLE: 5TH AND MAIN RESILIENT BREAKER'S POINT 12
COLOR: SALT CREEK 00500
SIZE: 6" X 48"

BASES

RB - RUBBER BASE
MANUFACTURER: ROPPE
COLOR: 123 CHARCOAL

WALL FINISHES

P1 - PAINTED GYPSUM BOARD, SHERWIN WILLIAMS, PURE WHITE SW 7005

WT1 - WALL TILE 1
MANUFACTURER: DALTILE
STYLE: REVALIA REMIX
COLOR: WHITE RV18
SIZE: STRUCTURAL - 3" X 4"
GROUT: MAPEI - 38 AVALANCHE

CEILINGS

ACP1 - 24" X 24" ACOUSTICAL CEILING PANEL
ACP2 - 24" X 48" ACOUSTICAL CEILING PANEL

GB1 - PAINTED GYPSUM BOARD, SHERWIN WILLIAMS, PURE WHITE SW7005

OTS - OPEN TO STRUCTURE
OTSP - OPEN TO STRUCTURE, PAINTED - PURE WHITE SW7005

CABINET

PLAM1 - PLASTIC LAMINATE 1
MANUFACTURER: WILSONART
COLOR: BEACH BIRCH Y0727-38

COUNTER TOP

SS1 - SOLID SURFACE 1
MANUFACTURER: MSI
COLOR: CALACATTA PRADO

HM DOOR FRAME

DF1 - PAINTED FINISH, COLOR: SW 7660 EARL GRAY, TYP UNO

DOORS

D1 - WOOD DOOR, CLEAR FINISH, TYP UNO
D3 - HM DOOR, PAINTED FINISH, COLOR: DF1, TYP UNO

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ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
FINISH SCHEDULE

SHEET NUMBER
A640

PATTERN PLAN GENERAL NOTES

RE: A640 for the Finish Schedule

RE: Axxx for typical floor finish transition details

RE: Structural drawings for recessed slabs.

Floor Finish Transitions at Doors: Locate floor finish material transitions that occur at doors under the center of the door, UNO.

Floor Drains: Coordinate location of floor drains with Plumbing drawings.

LEGEND - FLOOR PATTERN

WD1 - RESILIENT WOOD FLOOR 1

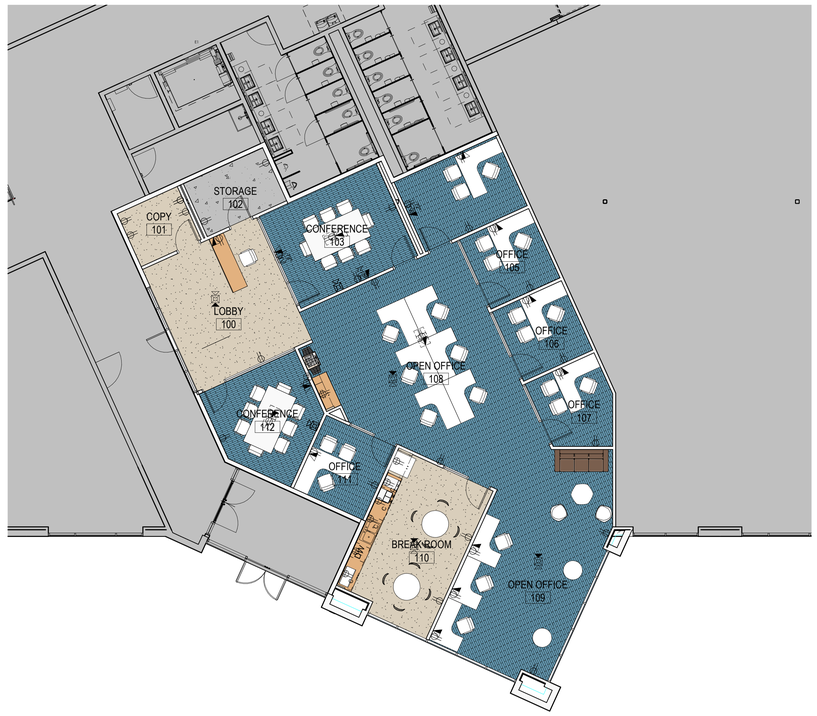
CT1 - CARPET TILE 1

SC1 - SEALED CONCRETE

FIRST FLOOR FURNITURE PLAN

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

0 4' - 0" 8' - 0" 16' - 0"



FIRST FLOOR FINISH PLAN

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

0 4' - 0" 8' - 0" 16' - 0"

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LINDON TECH 5

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NO.	DATE	DESCRIPTION

ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
FIRST FLOOR PATTERN PLAN AND FURNITURE PLAN

SHEET NUMBER
A651

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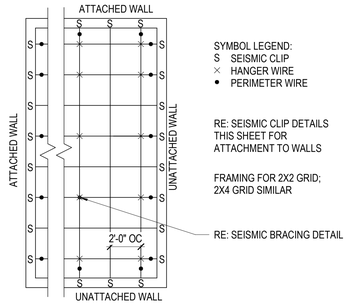
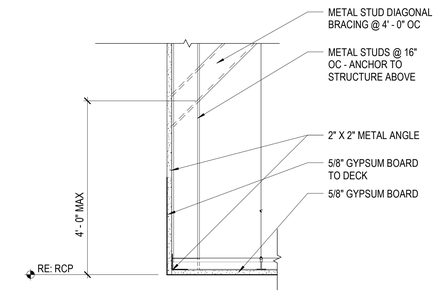


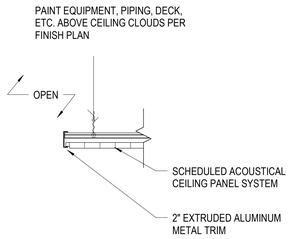
E1 TYP SUSPENDED CEILING DETAIL

SCALE: 1/4" = 1'-0"



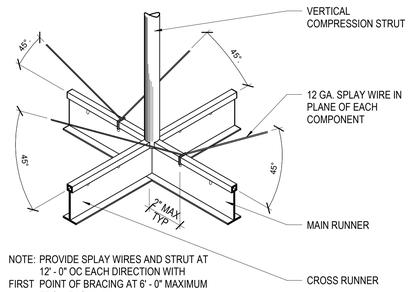
D2 CEILING DETAIL

SCALE: 1 1/2" = 1'-0"



D3 CEILING DETAIL

SCALE: 1 1/2" = 1'-0"



NOTE: PROVIDE SPLAY WIRES AND STRUT AT 12' - 0" OC EACH DIRECTION WITH FIRST POINT OF BRACING AT 6' - 0" MAXIMUM FROM EACH WALL

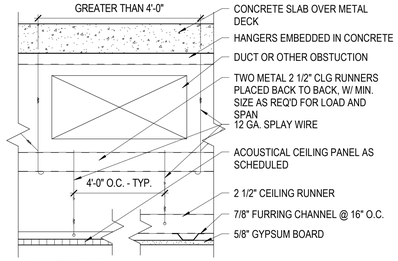
D4 SEISMIC BRACING DETAIL

SCALE: 1 1/2" = 1'-0"

VERTICAL COMPRESSION STRUT SCHEDULE

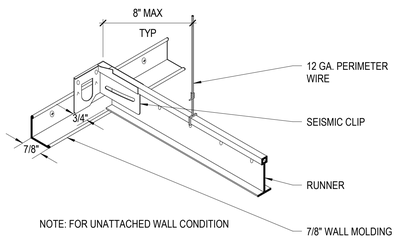
EMT CONDUIT	MAXIMUM SPAN
1/2"	5'-10" MAX
3/4"	7'-8" MAX
1"	9'-9" MAX

METAL STUDS	
1- 5/8" X 20 GA	12'-0"
2- 1/2" X 20 GA	13'-6"
(2)* 1- 5/8" X 20 GA	15'-0"
(2)* 2- 1/3" X 20 GA	15'-0"
*BACK-TO-BACK	



E2 DETAIL

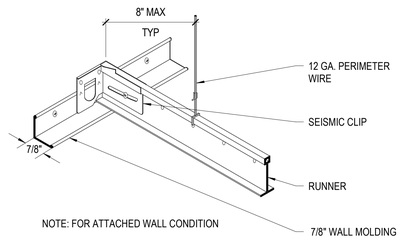
SCALE: 1 1/2" = 1'-0"



NOTE: FOR UNATTACHED WALL CONDITION

E3 DETAIL 09ADTCL009

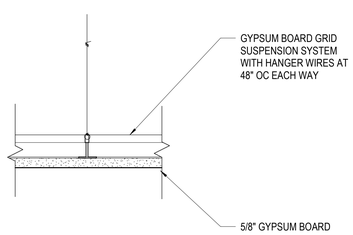
SCALE: 1 1/2" = 1'-0"



NOTE: FOR ATTACHED WALL CONDITION

E4 DETAIL 09ADTCL010

SCALE: 1 1/2" = 1'-0"



E5 TYP GYP BD CEILING DETAIL

SCALE: 3" = 1'-0"

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ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
CEILING DETAILS

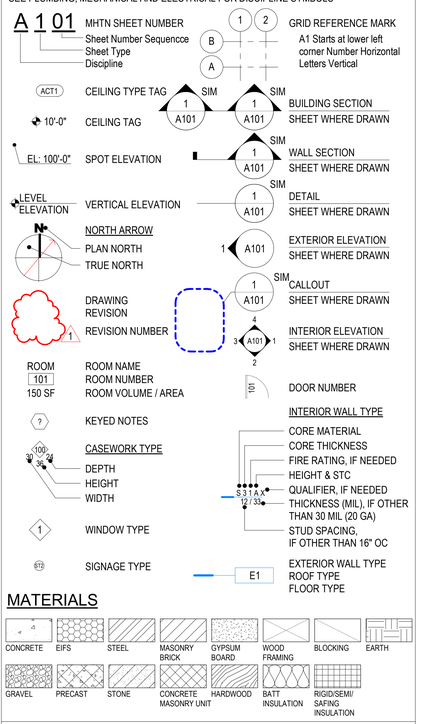
SHEET NUMBER
A710

ABBREVIATIONS

AC	AIR CONDITIONING
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BO	BOTTOM OF
BOT	BOTTOM
BRB	BUCKLING RESTRAINED BRACE
BRG	BEARING
CB	CATCH BASIN
CFMF	COLD FORMED METAL FRAMING
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT, CLEAR OPENING
COL	COLUMN
COMM	COMMUNICATION
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCT, CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
CTR	CENTER
DB	DECK BEARING ELEVATION
DEMO	DEMOLITION
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DR	DOOR
DTL	DETAIL
DWG	DRAWING
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRICAL WATER COOLER
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FIN FLR	FINISH FLOOR
FLR	FLOOR
FT	FOOT, FEET
GA	GAUGE, GAGE
GI	GALVANIZED IRON
GLULAM	GLUED-LAMINATED TIMBER
GYP BD	GYPSUM BOARD
HVAC	HEATING, VENTILATION, AIR CONDITIONING
ID	INSIDE DIAMETER
INT	INTERIOR
ISO	ISOMETRIC
JAN	JANITOR
JT	JOINT
KD	KNOCK DOWN
LAB	LABORATORY
LAV	LAVATORY
MAINT	MAINTENANCE
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFOI	OWNER FURNISHED OWNER INSTALLED
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OH	OVERHEAD
OH DR	OVERHEAD DOOR
OPP	OPPOSITE
PERP	PERPENDICULAR
PL	PLATE, PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PR	PAIR
PREFAB	PREFABRICATED
QTY	QUANTITY
RD	ROOF DRAIN
RE:	REFER TO
REINF	REINFORCE, REINFORCING
REQD	REQUIRED
REF	REFRIGERATOR
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
RV	ROOF VENT
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
THK	THICK, THICKNESS
TO	TOP OF
TOB	TOP OF BEAM
TOD	TOP OF DECK
TOS	TOP OF SLAB, TOP OF STRUCTURE
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
W	WIDE FLANGE
WH	WATER HEATER
WWF	WELDED WIRE FABRIC
XFMR	TRANSFORMER

GENERAL SYMBOLS

SEE PLUMBING, MECHANICAL AND ELECTRICAL FOR DISCIPLINE SYMBOLS



MATERIALS

VICINITY MAP

SPECULATIVE TI
LINDON TECH 5
1971 W 700 N
LINDON, UT 84042

PERMIT SET
12 JULY 2021

PROJECT DATA

CIVIL RIGHTS
ADA Standards for Accessible Design, 2010

APPLICABLE CODES
International Building Code, including Appendix J (IBC), 2018 ed.
International Mechanical Code (IMC), 2018 ed.
International Plumbing Code (IPC), 2018 ed.
National Electrical Code (NEC), 2020 ed.
International Energy Conservation Code (IECC), 2018 ed., Prescriptive/Performance
International Fire Code (IFC), 2018 ed.
International Fuel Gas Code (IFGC), 2018 ed.

CRITERIA

Occupancy Classification B,

Construction Type IIB

Sprinkled Yes

Building Area *(insert floors as needed)*
1st Floor TI Area 2,873

Fire-Resistance Ratings for Building Elements (IBC Table 601)

Construction Type:	IIB
Primary Structural Frame	0
Exterior Bearing Walls	0
Interior Bearing Walls	0
Exterior Non-Bearing Walls	0
Interior Non-Bearing Walls	0
Floor Construction & Associated Secondary Members	0
Roof Construction & Associates Secondary Members	0

Climate Zone: 5

APPROVALS

APPROVERS NAME, TITLE DATE:

APPROVERS NAME, TITLE DATE:

APPROVERS NAME, TITLE DATE:

INDEX TO DRAWINGS -PERMIT SET

PROJECT GENERAL REMODEL NOTES

Verify in Field (VIF): Field verify all dimensions and conditions at the site before submitting a bid or proceeding with any portion of the work.

Cut and Patch: Cut and patch existing building construction as required. Cutting and drilling of structural members not detailed requires the written permission of the structural engineer.

Conflicts: Whenever questions arise or conditions are encountered which are not covered by, or are in conflict with, the contract documents, consult with the Architect prior to taking any further action.

Demolish, Remove: Terms are used interchangeably to indicate detaching or tearing down items from existing construction and legally disposing of them off-site unless indicted to be removed and salvaged or removed and reinstalled.

Existing to Remain: Existing items of the building that are not to be permanently removed and that are not otherwise indicated to be demolished, removed, removed and salvaged or removed and reinstalled.

Equipment Relocation: Relocate existing mechanical and electrical as required for installation of new work.

Material Disposal: Legally dispose of all demolished or removed existing material, unless noted otherwise.

Salvage Material: Coordinate with the owner for removal of existing material noted to be returned to the owner. Removal shall be by the owner unless noted otherwise.
Phasing: coordinate phasing of the work with the Owner and the Architect to meet the owner's schedule.

Protection & Cleaning: Contain all construction activity within construction barricades or fences. Protect owner's existing facilities and property adjacent to new construction. During and after work of this contract is complete, clean existing areas affected by the work to the owner's satisfaction.

Protect all existing conditions that remain during demolition work. Repair any damage due to new work.

Repair & Replacement: Repair or replace existing facilities or property damaged by new construction. Match existing surface finish or material.

Patch & Repair: Patch and repair existing walls, floors, ceilings, landscaping, paving or other surfaces affected by demolition to match the existing material and finish.

Core Drilling Walls and Slabs:
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. Submit openings not shown on the structural drawings to the Structural Engineer for review prior to drilling.

PROJECT GENERAL NOTES

Building Codes: Comply with requirements of the adopted editions of the international code council codes, the codes and standards referenced within the ICC codes and the Americans with Disabilities Act.

Dimensions: Metal stud walls are dimensioned to face of metal stud, unless noted otherwise. Masonry walls are dimensioned to face of masonry.

Special Inspections: An Owner-provided, AHJ approved Independent Agency will provide Special Inspections of the following Architectural Components:

Per IBC Sec 1705.12.5 (in Seismic Design Category D, E, or F:
- Erection and Fastening of:
  - Interior Nonbearing Walls
  - Interior Veneer

Deferred Submittals:
- Automatic Fire Sprinkler System
- Fire Alarm
- Seismic Restraints for Equipment (Mechanical, Plumbing, Electrical)

Specifications: Refer to the specifications for descriptions of products, materials and systems. The terms "SEE SPECS," "RE: SPECS" or similar references to the specifications have been omitted from drawing notes, but the requirement is still the same, to refer to the technical specifications for descriptions, installation requirements and other requirements as described therein.

Symbols: Where symbols and legends are used to indicate a product or system, provide those items in the quantity indicated by the symbol. Where plumbing fixtures, equipment, light fixtures and other similar products are shown on Architectural drawings, refer to the appropriate discipline drawings for type, utilities and other requirements.

Details: Terms such as "see specs," "re: mechanical" and so forth have been omitted from these details. All details require the general contractor and sub-contractors to refer to other drawings and specifications as required to understand and provide the items indicated and to provide supporting items that may or may not be shown.

The continuous nature of the materials shown in the details is inferred, though the word "continuous" may be omitted from the detail notes.

PROJECT GENERAL TI NOTES

Attachment to Steel Deck:
Do not use steel deck that doesn't have concrete fill to support loads from plumbing, fire sprinklers, HVAC ducts, light fixtures, architectural elements or equipment of any kind, unless specifically noted otherwise. Lightweight acoustical ceilings with a total weight per wire not exceeding 50 pounds may be hung from the steel roof deck. Stagger hangers to distribute the load over multiple deck flutes.

Steel deck with concrete fill may be used to support loads of up to 500 pounds from plumbing, fire sprinklers, HVAC ducts, light fixtures, architectural elements and miscellaneous equipment. Distribute loads such that the average load does not exceed 50 lbs/sq.ft. and not more than 500 pounds 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:
All concentrated loads greater than 100 pounds and not meeting the requirements of the paragraph 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. Refer to thy general structural notes and the "typical detail at additional concentrated point load" on the structural drawings.

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 the paragraph above, provided the loads are applied to the joist such that both angles of the bottom chord are equally loaded (i.e. no single beam clamps).

Joist bridging shall not be used to support hanging loads.

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:
Bracing for seismic loads shall attach within 4" of the top flange of the beam, unless noted otherwise.

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Phone: (801) 255-9333

ELECTRICAL
JT ELECTRIC
4303 S 590 W
MURRAY, UT 85123
Phone: (801) 520-9419

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MHTN PROJECT NO. PROJ #

VIEW AND PRINT THIS DRAWING IN COLOR

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NO. △	DATE	DESCRIPTION

ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
INDEX SHEET

SHEET NUMBER
G001

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LIFE SAFETY PLAN GENERAL NOTES

References to sheets below are provided to aid in navigating the drawings.

RE: G500 for Interior Wall Types which indicate ratings, reference termination details, and require rated wall identification.

RE: G300 for Fire Penetration Details

RE: G310 for UL, GA, and/or IBC reference numbers for rated assemblies

RE: G400 for floor/ceiling and roof/ceiling rated assemblies

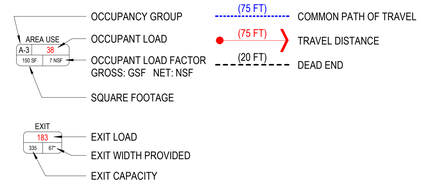
RE: A600 for the Door Schedule and door ratings.

RE: A620 for Window Types and window ratings.

Include one of the following two statements:
Exit Width Capacity: Exit width capacities are based on 0.3" per occupant at stairways and 0.2" per occupant at other means of egress components.

Exit Width Capacity: This project includes an automatic sprinkler system and an emergency voice/alarm communications sytem. Exit width capacities are based on 0.2" per occupant at stairways and 0.15" per occupant at other means of egress components.

LEGEND - LIFE SAFETY



AREA FUNCTION (IBC TABLE 1004.1.2)

ASSEMBLY, UNCON

BUSINESS

FIRST FLOOR LIFE SAFETY PLAN

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

0 4' - 0" 8' - 0" 16' - 0"

N

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SPECULATIVE

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STATE OF UTAH
ROBERTO Q. FIXON
6450267-0301
07/12/2021
LICENSED ARCHITECT

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NO.	DATE	DESCRIPTION

ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
FIRST FLOOR LIFE SAFETY PLAN

SHEET NUMBER
G101

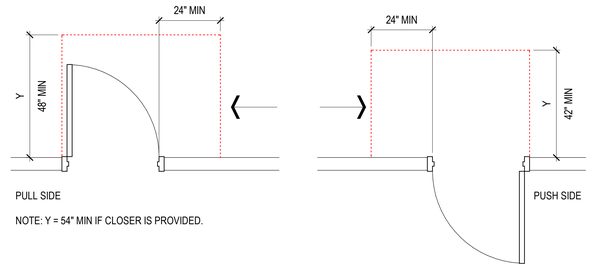
MOUNTING HEIGHTS & CLEARANCES GENERAL NOTES

Diagrams on this sheet incorporate the ADA Standard, 2010 edition and ICC/ANSI A117.1, 2009 edition requirements for accessibility. The most restrictive requirement is shown where the two standards differ.

The purpose of this sheet is to provide general clearance, size and mounting height dimensions. If other drawings provide different information, that doesn't violate the accessibility standards, that information shall govern, however, nothing shown herein shall supersede the requirement of the standards listed above, nor of the IBC.

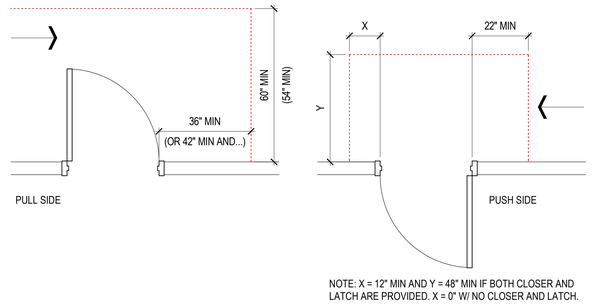
Prior to installation, coordinate toilet and bath accessory mounting heights with manufacturer's recommended heights and adjust as required to comply with ADA & ANSI requirements.

Where the accessibility standards indicate ranges of dimensions, or minimum or maximum dimensions, the dimensions on this sheet have been modified to indicate the preferred or the most restrictive of the dimensions. Where it is impractical to comply with a dimension, the dimension may be adjusted after review with the Architect and, provided the proposed change does not violate the accessibility standards.



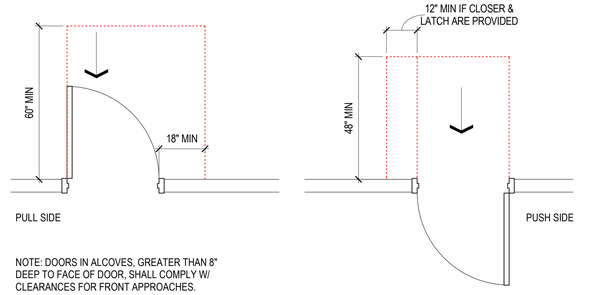
C3 LATCH SIDE APPROACHES - SWINGING DOORS

SCALE: 1/2" = 1'-0"



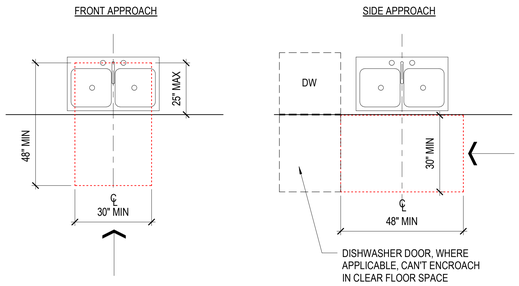
C4 HINGE SIDE APPROACHES - SWINGING DOORS

SCALE: 1/2" = 1'-0"



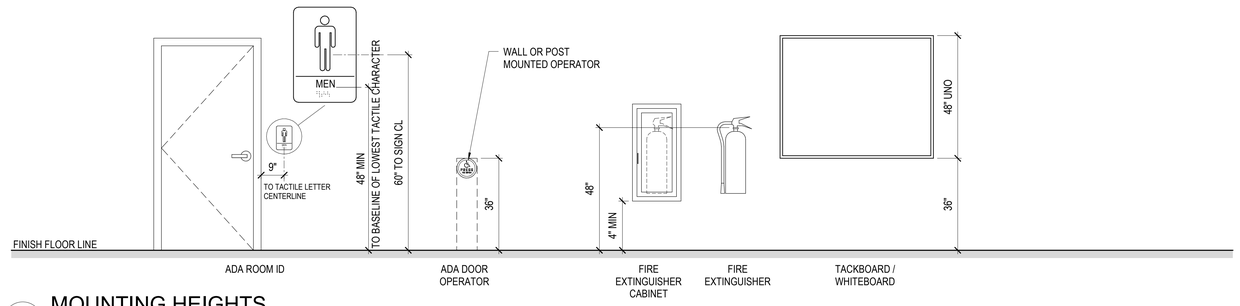
D4 FRONT APPROACHES - SWINGING DOORS

SCALE: 1/2" = 1'-0"



4 SINK APPROACHES AND CLEARANCE

SCALE: 1/2" = 1'-0"



E3 MOUNTING HEIGHTS

SCALE: 1/2" = 1'-0"

MHTN
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MHTN Architects, Inc.
280 South 400 West
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Salt Lake City, Utah 84101
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SPECULATIVE TI

LINDON TECH 5
1971 W 700 N
LINDON, UT 84042

SEAL

STATE OF UTAH
ROBERTO J
FINON
6450267-0301
7/12/2021
LICENSED ARCHITECT

MHTN PROJECT NO. PROJ #

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.△	DATE	DESCRIPTION

ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
MOUNTING HEIGHTS & CLEARANCES

SHEET NUMBER
G200

INTERIOR WALL TYPE SCHEDULE

TAG	CONSTRUCTION					FIRE RESISTANCE		ACOUSTICAL	
MARK	DESCRIPTION	WIDTH	TERMINATION	LIMITING HEIGHT	HEAD DETAIL	BASE DETAIL	FIRE RATING	STANDARD	SOUND BATT	STC
S3A	5/8" GB + 3 5/8" MTL STUD + 5/8" GB	4 7/8"	TO DECK	16'-6"	D4/G500	E1/G500			Yes	40
S3BX	5/8" GB + 3 5/8" MTL STUD	4 1/4"	TO DECK	15'-6"	D4/G500	E1/G500			No	
S6A	5/8" GB + 6" MTL STUD + 5/8" GB	7 1/4"	TO DECK	24'-6"	D4/G500	E1/G500			Yes	41

INTERIOR WALL TYPE GENERAL NOTES

RE: G500 for wall termination details which occur at metal deck/structure or at base of wall.

Continuity:
Wall type designations imply that the walls are continuous, typically from corner to corner and until another wall type is indicated. At the intersection of walls of dissimilar sound and/or fire-resistance ratings, the wall with the more restrictive requirements shall continue through, uninterrupted and shall take precedence.

Typical Interior Wall Type: S3A, UNO.

Glass-mat Tile Backing Board:
Where stud walls with tile finishes are scheduled, provide glass-mat tile backing board for the full height and width of the tile. Balance of wall to be gypsum board, UNO.

Water-resistant Gypsum Board:
Provide water-resistant gypsum board at walls in wet areas with non-tile finishes.

Acoustical Sealant:
At metal stud walls with an STC rating, provide acoustical sealant at top and bottom tracks.

Sound Attenuation Batts:
Where indicated, provide sound attenuation batts sized to fit snuggly in the wall cavity. Fill all voids in the wall, from floor to deck, including at wall intersections to prevent sound leakage into adjacent rooms.

Metal Stud Partitions:
Extend interior walls and partitions from floor to roof deck or floor deck above, unless noted otherwise. The specifications indicate a minimum metal stud gauge; increase the gauge above the minimum as required by the metal stud manufacturer for actual wall heights, deflection criteria and code required horizontal load.

Design requirements for metal stud walls: 5 PSF lateral load; L/240 deflection.
Stud Spacing: 16" on center, unless noted otherwise.

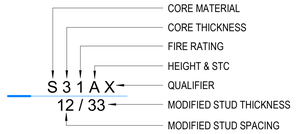
Provide bracing at 48" OC maximum at non-composite walls (walls that don't have gypsum board full height on each side of the stud).

Provide control joints at 30'-0" OC maximum. If not shown, coordinate location with Architect.

Rated Wall Identification:
Provide 3" high block letters (with 3/8" minimum stroke), stencil the fire resistance rating on the wall at 30' maximum intervals, measured horizontally and within 15' of the end of the wall. Provide one (1) label minimum per wall.
Locate identification in accessible concealed floor areas, if any and in the accessible space between ceiling and structure above.

Wall Schedule Abbreviations
CMU - Concrete Masonry Unit
GB - Gypsum Board
GTB - Glass-mat Tile Backing Board
IGB - Impact-resistant Gypsum Board

WALL TYPE TAG DESCRIPTION



Core Material:
S - Metal Stud
H - Metal CH Stud
M - Concrete Masonry (CMU)
B - Structural Clay Brick
C - Concrete
W - Wood

Core Thickness:
Metal Studs:
Number indicates metal stud thickness, rounded down where applicable
0 - 7/8"
1 - 1 5/8"
2 - 2 1/2"
3 - 3 5/8"
4 - 4"
6 - 6"
8 - 8"

Brick and CMU:
Number indicates nominal thickness
4 - 3 5/8"
6 - 5 5/8"
8 - 7 5/8"
0 - 9 5/8"
2 - 11 5/8"

Concrete:
Number corresponds to thickness in whole inches
8 - 8"
0 - 10"
2 - 12"

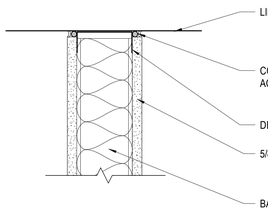
Wood:
Number indicates nominal size of 2x framing
4 - 2 x 4
6 - 2 x 6
8 - 2 x 8

Rating:
Number indicates the fire-resistive rating in hours. Unrated walls have no designation.

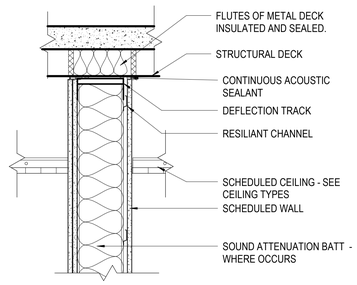
Height and STC:
A - Wall is continuous to the structural deck above and includes sound batt
B - Wall is continuous to the structural deck above with no sound batt
C - Wall extends to 6" above the ceiling and includes sound batt
D - Wall extends to 6" above the ceiling with no sound batt
E - Wall extends to finished ceiling and includes sound batt
F - Wall extends to finished ceiling with no sound batt
P - Wall is partial height {to 5'-0" AFF} {- RE: Floor Plan for top of wall}

Qualifiers:
H - CMU with honed face finish
S - CMU with split face finish

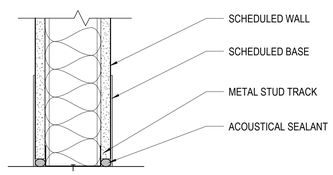
Asymmetric Modifiers:
X - Single side gypsum board
T - Glass-mat tile backing board with tile finish



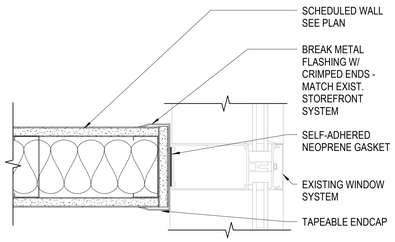
D4 WALL HEAD DETAIL
SCALE: 3" = 1'-0"



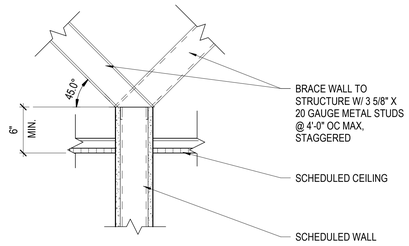
E4 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



E1 WALL BASE DETAIL
SCALE: 3" = 1'-0"



E2 WALL / MULLION DETAIL-TYPICAL
SCALE: 3" = 1'-0"



E3 WALL HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

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SPECULATIVE TI

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LINDON, UT 84042

SEAL

MHTN PROJECT NO. PROJ #

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

NO.△	DATE	DESCRIPTION

ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
INTERIOR WALL TYPES

SHEET NUMBER
G500

PROJECT CONTRACT FORMS AND CONDITIONS

Standard Form of Agreement Between Owner and Contractor, Stipulated Sum
AIA A101-2007 - Included by Reference

General Conditions of The Contract for Construction
AIA A201-2007 - Included by Reference

Performance Bond
AIA A312-1984 - Included by Reference

Application and Certificate for Payment
AIA G702 - Included by Reference

Continuation Sheet
AIA G703 - Included by Reference

GENERAL REQUIREMENTS

SUBMITTALS

1. PDF Submittals: Prepare submittals as PDF package, incorporating complete information into each PDF file. Name PDF file with submittal number.
2. Prepare and submit submittals for all products and systems required unless noted by Architect.
   A. Email: Prepare submittals as PDF package, and transmit to Architect by sending via email. Include PDF transmittal form. Include information in email subject line as requested by Architect.
   B. Processing Time: Allow time for submittal review, including time for resubmittals.
3. Provide Product Data, including, but not limited to catalog cuts and wiring diagrams where applicable.
4. Shop Drawings: Provide Project specific, noting compliance, coordination with other products, dimensions required by field verification.
5. Samples: For review of kind, color, pattern, and texture for a check of these characteristics with other materials

SPECIAL INSPECTIONS

1. Structural testing and special inspection services are required to verify compliance with requirements specified or indicated. These services do not relieve contractor of responsibility for compliance with other construction document requirements.
2. Coordinate the inspection and testing services with the progress of the work.
3. Reports shall indicate that work inspected was done in conformance to approved construction documents.
4. Repair and/or replace work that does not meet the requirements of the construction documents.

OPERATION AND MAINTENANCE DATA

1. Submit manuals in the form of a multiple file composite electronic PDF file for each manual for all systems provided or as noted by Architect.
2. For emergency Manuals indicating instructions and procedures for each system, piece of equipment and components.

RECORD DOCUMENTS

1. Provide Record Drawings and Product Data.
2. Maintain one set of marked-up paper copies of the Contract Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued

ROUGH CARPENTRY

1. Summary:
   A. Wood blocking and nailers.
   B. Plywood backing panels.
2. Materials:
   A. Wood-Preservative-Treated Lumber: Preservative Treatment: AWPA C2 with chemicals containing no arsenic or chromium.
      a. AWPA C31 (inorganic boron) may be used in protected locations.
      b. Application: Items indicated and items in contact with roofing, waterproofing, concrete or masonry.
3. Plywood backing panels for telephone and electrical equipment.
4. Fasteners: Hot-dip galvanized steel where exposed to weather, in ground contact, in contact with treated wood, or in area of high relative humidity.

PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS

1. Grade: Premium
2. Type of Construction: Frameless.
3. Cabinet, Door, and Drawer Front Interface Style: Flush overlay.
4. Reveal Dimension: ½-inch.
5. High-Pressure Decorative Laminate: NEMA LD 3, grades as required by woodwork quality standard.
6. Wood Products: Medium-Density Fiberboard: ANSI A208.2, Grade 130.
7. Cabinet Hardware:
   A. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, 170 degrees of opening, self-closing.
8. Pulls: Polished chrome edge pull, solid metal 5 inches long.
9. Shelf Rests: BHMA A156.9, B04013; metallic.
10. Drawer Slides: BHMA A156.9.
    A. Grade 1 and Grade 2: Side mounted and extending under bottom edge of drawer; partial-extension type; epoxy-coated steel with polymer rollers.
11. Drawer Locks: BHMA A156.11, E07041.
12. Door and Drawer Silencers: BHMA A156.16, L03011.
13. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with BHMA A156.18 for BHMA finish number indicated.
    A. Satin Chromium Plated: BHMA 626 for brass or bronze base; BHMA 652 for steel base.

JOINT SEALANTS

1. Mildew-Resistant Silicone Sealant: Where joint sealants of this type are indicated, provide products formulated with fungicide that are intended for sealing interior ceramic tile joints and other nonporous surfaces not subject to in-service exposures of high humidity and temperature extremes, and that comply with the following:
   A. Products:
      a. 786 Mildew Resistant; Dow Corning.
      b. Sanitary 1700; GE Silicones.
      c. Tremsil 600 White; Tremco.
   B. Type and Grade: S (single component) and NS (nonsag).
   C. Class: 25.
   D. Use Related to Exposure: NT (nontraffic).
   E. Uses Related to Joint Substrates: G, A, and, as applicable to joint substrates indicated, O.
      a. Use O Joint Substrates: Ceramic tile.
   F. Applications: Interior toilets at fixtures and expansion joints.
2. Low-Modulus Nonacid-Curing Silicone Sealant: Where joint sealants of this type are indicated, provide products complying with the following:
   A. Products: Available products include the following:
      a. 790; Dow Corning.
      b. UltraPruf SCS2300; GE Silicones.
      c. HiFlex 331; NUCO Industries, Inc.
      d. 890; Pecora Corporation.
      e. Spectrem 1; Tremco.
   B. Type and Grade: S (single component) and NS (nonsag).
   C. Class: 25.
   D. Additional Movement Capability: 50 percent
3. Latex Sealant: Interior gypsum board joints:
   A. Chem-Calk 600; Bostik Inc.
   B. NuFlex 330; NUCO Industries, Inc.
   C. LC 160 All Purpose Acrylic Caulk; Ohio Sealants, Inc.
   D. AC-20; Pecora Corporation.
   E. PSI-701; Polymeric Systems, Inc.
   F. Sonolac; Sonneborn Building Products Div., ChemRex, Inc.
   G. Tremflex 834; Tremco.

HOLLOW METAL

1. Heavy-Duty Frames: SDI A250.8, Level 2.
   A. Physical Performance: Level B according to SDI A250.4.
      a. Face: Metallic-coated steel sheet, minimum thickness of 0.042-inch, with minimum A40 (ZF120) coating.
   B. Frames:
      a. Materials: Metallic-coated steel sheet, minimum thickness of 16 gauge with A40 coating.
      b. Construction: Knocked down.
      c. Exposed Finish: Prime

FLUSH WOOD DOORS

1. Fire-Rated Wood Doors: Positive pressure testing.
2. WDMA I.S.1-A Performance Grade:
   A. Heavy Duty unless otherwise indicated.
3. Interior Solid-Core Doors:
   A. Grade: Premium, with Grade A faces.
      a. Species: Maple.
      b. Cut: Plain sliced (flat sliced).
      c. Stain: Color as selected by Architect
      d. Match between Veneer Leaves: Book match.
      e. Assembly of Veneer Leaves on Door Faces: Center-balance match.
      f. Core: Particleboard.
      g. Construction: Five or seven plies, bonded.
      h. WDMA I.S.1-A Performance Grade: Heavy Duty.
4. Priming/Finishing
   A. Factory Finishing: All doors.
   B. Transparent Factory Finishes:
      a. Grade: Premium.
      b. Finish: Catalyzed polyurethane.
      c. Effect: Filled finish.

ALUMINUM-FRAMED STOREFRONTS

1. Framing Members: Manufacturer's extruded- or formed-aluminum framing members of thickness required and reinforced as required to support imposed loads.
   A. Construction: NON-Thermally broken.
   B. Glazing System: Retained mechanically with gaskets on four sides.
   C. Glazing Plane: Center.
   D. Finish: Clear anodic finish.
   E. Fabrication Method: Field-fabricated stick system.
2. Backer Plates: Manufacturer's standard, continuous backer plates for framing members, if not integral, where framing abuts adjacent construction.
3. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with non-staining, nonferrous shims for aligning system components.
4. Materials:
   A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
      a. Sheet and Plate: ASTM B 209.
      b. Extruded Bars, Rods, Profiles, and Tubes: ASTM B 221.
      c. Extruded Structural Pipe and Tubes: ASTM B 429/B 429M.
      d. Structural Profiles: ASTM B 308/B 308M.
5. Manufacturers:
   A. Arcadia, Inc.
   B. EFCO Corporation.
   C. Kawneer Company, Inc.

GLAZING

1. Glass Products
   A. Primary Glass Standard: Provide primary glass which complies with ASTM C 1036 requirements, including those indicated by reference to type, class, quality, and, if applicable, form, finish, mesh and pattern.
   B. Sizes: Fabricate glass to sizes required for glazing openings indicated, with edge clearances and tolerances complying with recommendations of glass manufacturer. Provide thicknesses indicated or, if not otherwise indicated, as recommended by glass manufacturer for application indicated.
2. Clear Float Glass: ASTM C 1036, Type I (transparent glass, flat), Class 1 (clear), Quality q3 (glazing select).
3. General: Provide products of type indicated and complying with the following requirements:
   A. Compatibility: Select glazing sealants and tape of proven compatibility with other materials with which they will come into contact, including glass products, seals of insulating glass units, and glazing channel substrates.

NON-STRUCTURAL METAL FRAMING

1. Framing Members, General: Comply with ASTM C 754 for conditions indicated.
   A. Steel Sheet Components: Comply with ASTM C 645 requirements for metal unless otherwise indicated.
   B. Protective Coating: ASTM A 653/A 653M, G60, hot-dip galvanized unless otherwise indicated.
2. Studs and Runners: ASTM C 645.
   A. Steel Studs and Runners:
      a. Minimum Base-Metal Thickness: 0.0296-inch (20 gauge).
      b. Depth: 3-5/8-inches and 6-inches, minimum.
   B. Steel Framing Components for Suspended and Furred Ceilings
   C. General: Provide components complying with ASTM C 754 for conditions indicated.
   D. Wire Ties: ASTM A 641, Class 1 zinc coating, soft temper, 0.062-inch thick.
   E. Wire Hangers: ASTM A 641, Class 1 zinc coating, soft temper, 0.162-inch diameter.
   F. Grid Suspension System for Interior Ceilings: ASTM C 645, manufacturer's standard direct-hung grid suspension system composed of main beams and cross-furring members that interlock to form a modular supporting network.
3. Deflection Track: Manufacturer's standard top runner designed to prevent cracking of gypsum board applied to interior partitions resulting from deflection of the structure above fabricated from steel sheet complying with ASTM A 653 or ASTM A 568. Thickness as indicated for studs, and width to accommodate depth of studs, and of the following configuration:
   A. Top runner with 2-1/2-inch-deep flanges that either have V-shaped offsets that compress when pressure is applied from construction above or have slots 1-inch o.c. that allow fasteners attached to studs through the slots to accommodate structural movement by slipping.
4. Deflection and Firestop Track: Top runner designed to allow partition heads to expand and contract with movement of structure above while maintaining continuity of the assembly. Comply with requirements of ASTM C 645 except configuration, of thickness indicated for studs and width to accommodate depth of studs indicated with flanges offset at midpoint to accommodate gypsum board thickness.
5. Fasteners for Metal Framing: Provide fasteners of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel framing and furring members securely to substrates involved; complying with the recommendations of gypsum board manufacturers for applications indicated.

DOOR HARDWARE

1. Accessibility Requirements: Comply with applicable provisions in the DOJ's 2010 ADA Standards for Accessible Design and ICC/ANSI A117.1.
2. Door Hardware Schedule - Products listed by manufacturer's model number provide a basis of design. Other products that meet or exceed the grade, quality and function may be incorporated into the project.

DOOR HARDWARE SCHEDULE

(EC) = Hardware Item Requiring Electrical Coordination

CONTRACTOR TO VERIFY EXISTING STOREFRONT HARDWARE FOR PANIC BARS,

HW SET NO. 01 (office function)
Door Number (includes, but is not limited to the following doors):
101, 104, 105, 106, 107, 111

4 Ea	HINGE	5BB1 4.5 x 4.5 NRP	652	IVE
1 Ea	ENTRANCE LOCKSET	AL 50PD JUP	626	SCH
1 Ea	WALL STOP	WS407CCV	630	IVE
3 Ea	Silencer	SR64	GY	IVE

HW SET NO. 02 (storeroom function)
Door Number (includes, but is not limited to the following doors):
102

4 Ea	HINGE	5BB1 4.5 x 4.5 NRP	652	IVE
1 Ea	STOREROOM LOCK	AL 80PD	626	SCH
1 Ea	SURFACE CLOSER	4111 HCUSH MC	689	LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1 Ea	WALL STOP	WS407CCV	630	IVE
3 Ea	SILENCER	SR64	GY	IVE

HW SET NO. 03 (passage function)
Door Number (includes, but is not limited to the following doors):
103, 103A, 103B, 110, 112

4 Ea	Hinge	5BB1 4.5 x 4.5 NRP	652	IVE
1 Ea	Passage Set	AL 10S JUP	626	SCH
1 Ea	Wall Stop	WS407CCV	630	IVE
3 Ea	Silencer	SR64	GY	IVE

TILING

1. Summary:
   A. Ceramic mosaic, and glazed wall tile.
   B. Stone thresholds installed as part of tile installations.
   C. Crack-suppression membrane.
2. Materials:
   A. Porcelain Tile Shapes: 9" x 36" and 6" x 36", Coved base, Surface bullnose cap and Surface bullnose external corner.
   B. Glazed Wall Tile Trim Shapes: Coved base, Surface bullnose cap and Surface bullnose external corner.
   C. Ceramic Mosaic Trim Shapes: Coved base and Surface bullnose cap.
   D. Thresholds: Granite or Limestone.
   E. Crack-Suppression Membranes: Chlorinated polyethylene sheet.
   F. Elastomeric Sealants: One-part, mildew-resistant silicone.
3. Wall Tile Installation Schedule:
   A. Interior Walls over Paperless Gypsum Backer Units/ Metal Studs: Thin-set mortar TCNA W245.
      a. Tile Type: Glazed wall tile.
      b. Mortar: Latex-portland cement mortar.
      c. Grout: Polymer-modified unsanded grout.

GYPSUM BOARD AND TILE BACKING PANELS

1. Gypsum Wallboard: ASTM C 1396 Type X 5/8 inch.
2. Trim Accessories:
   A. Cornerbead, edge trim, and control joints formed metal steel sheet zinc.
   B. Shapes:
      a. Cornerbead on outside corners.
      b. LC-bead for edge trim.
      c. One-piece control joint V- shaped slot; spacing at 30' o.c. maximum.
3. Joint Treatment:
   A. Paper reinforcing tape.
   B. Drying-Type Joint Compounds: Vinyl-based.
   C. Ready-Mixed.
4. Tile Backing Panels:
   A. Panel Size: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.
   B. Glass-Mat, Water-Resistant Backing Board:
      a. Complying with ASTM C 1178.
      b. Core: 5/8-inch, Type X.
5. Gypsum Board Applications Methods:
   A. On ceilings, apply gypsum panels prior to wall/partition board application to the greatest extent possible and at right angles to framing, unless otherwise indicated.
   B. On partitions/walls, apply gypsum panels horizontally (perpendicular to framing), unless parallel application is required for fire-resistance-rated assemblies. Use maximum length panels to minimize end joints.
      a. Stagger abutting end joints not less than one framing member in alternate courses of board.
      b. At high walls, install panels horizontally.
6. Wall Tile Substrates
   A. Wall Tile Substrates: For substrates indicated to receive ceramic tile and similar rigid applied wall finishes, comply with the following:
      a. Paperless Gypsum Backing Board: Install where indicated. Install with 1/4-inch gap where panels abut other construction or penetrations.
      b. Where tile backing panels abut other types of panels in the same plane, shim surfaces to produce a uniform plane across panel surfaces.
7. Finishing Gypsum Board Assemblies
   A. General: Treat gypsum board joints, interior angles, flanges of cornerbead, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration.
   B. Prefill open joints, rounded or beveled edges, and damaged areas using setting-type joint compound.
   C. Apply joint tape over gypsum board joints, except those with trim accessories having flanges not requiring tape.
   D. Levels of Gypsum Board Finish: Provide the following levels of gypsum board finish per GA-214.
      a. Level 1 for ceiling plenum areas, concealed areas, and where indicated, unless a higher level of finish is required for fire-resistance-rated assemblies and sound-rated assemblies.
      b. Level 4 for gypsum board surfaces, unless otherwise indicated.
   E. Use the following joint compound combination for the finish levels specified:
      a. Embedding and First Coat: Setting-type joint compound. Fill (Second) Coat: Setting-type joint compound. Finish (Third) Coat: Sandable, setting-type joint compound.
   F. For Level 4 gypsum board finish, embed tape in joint compound and apply first, fill (second), and finish (third) coats of joint compound over joints, angles, fastener heads, and accessories. Touch up and sand between coats and after last coat as needed to produce a surface free of visual defects and ready for decoration.
   G. Where Level 1 gypsum board finish is indicated, embed tape in joint compound.
   H. Finish tile backer units to comply with unit manufacturer's directions.

CARPET TILE

1. Design Standard: Subject to compliance with requirements, products that may be incorporated into the Work include the products scheduled or equal as determined by the Architect.
2. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided by or recommended by carpet tile manufacturer.
3. Adhesives: Water-resistant, mildew-resistant, nonstaining type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet tile and that is recommended by carpet tile manufacturer.
   A. VOC Limits: Provide adhesives that comply with the following limits for VOC content when tested according to ASTM D 5116:
      a. Total VOCs: 10.00 mg/sq. m x h.
      b. Formaldehyde: 0.05 mg/sq. m x h.
      c. 2-Ethyl-1-Hexanol: 3.00 mg/sq. m x h.
4. Examination:
   A. Examine substrates, areas, and conditions for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet tile performance. Verify that substrates and conditions are satisfactory for carpet tile installation and comply with requirements specified.
   B. Concrete Slabs: Verify that concrete slabs comply with ASTM F 710 and that slabs are free of cracks, ridges, depressions, scale, and, dry, free of curing compounds, sealers, hardeners, and other materials that may interfere with adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by carpet tile manufacturer.
   C. Proceed with installation only after unsatisfactory conditions have been corrected.
5. Preparation:
   A. General: Comply with CRI 104, Section 6.2, "Site Conditions; Floor Preparation," and carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile installation.
   B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, and depressions in substrates.
   C. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by adhesive and carpet tile manufacturers.
6. Broom and vacuum clean substrates to be covered immediately before installing carpet tile. After cleaning, examine substrates for moisture, alkaline salts, carbonation, or dust. Proceed with installation only after unsatisfactory conditions have been corrected. methods recommended in writing by carpet tile manufacturer.
7. Installation:
   A. General: Comply with CRI 104, Section 13, "Carpet Modules (Tiles)."
   B. Installation Method: As recommended in writing by carpet tile manufacturer for Glue-down; install every tile with releasable adhesive.
   C. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet tile manufacturer.
   D. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
   E. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
   F. Install pattern parallel to walls and borders unless otherwise indicated.

RESILIENT BASE

1. Rubber Wall Base: Cove with top-set toe, 1/8-inch thick, 4-inch high. Corners: job formed.
2. Installation Accessories
   A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based formulation provided or approved by resilient product manufacturer for applications indicated.
   B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
3. General: Install resilient products according to manufacturer's written installation instructions.
4. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, and depressions in substrates.
5. Apply resilient wall base to walls and other permanent fixtures in rooms and areas where base is required.
   A. Install wall base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.

ACOUSTICAL CEILING

1. Seismic Category: D
2. Panels:
   A. 2'x4' Manufacturer: Rockfon Sonar or equal TO MATCH EXISTING LAY-IN CEILING.
      a. Panel Size: 24" x 48"
      b. Color: White
      c. Light reflectance Coefficient: Not less than LR 0.85
      d. Noise Reduction Coefficient: NRC 0.80
      e. Edge Detail: Angled Tegular
      f. Thickness: 1-inch
   B. 2'x2' Manufacturer: Rockfon Sonar or equal TO MATCH EXISTING LAY-IN CEILING.
      a. Panel Size: 24" x 24"
      b. Color: White
      c. Light reflectance Coefficient: Not less than LR 0.85
      d. Noise Reduction Coefficient: NRC 0.80
      e. Edge Detail: Angled Tegular
      f. Thickness: 1-inch
   C. 2'x6' Manufacturer: Rockfon Sonar or equal TO MATCH EXISTING LAY-IN CEILING.
      a. Panel Size: 24" x 72"
      b. Color: white
      c. Light reflectance Coefficient: Not less than LR 0.85
      d. Noise Reduction Coefficient: NRC 0.80
      e. Edge Detail: Angled Tegular
      f. Thickness: 1-inch
3. Suspension Systems
   A. Components: All main beams and Tees shall be commercial quality hot dipped galvanized steel (galvanized steel, aluminum, or stainless steel) per ASTM A 653. Main beams and cross tees are double-web steel construction. G01 (Z001) coating designation, with prefinished exposed tee.
      a. Size: 9/16" wide.
   B. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table 1, Direct Hung unless otherwise indicated.
   C. Structural Classification: Heavy-duty system.
   D. Accessories/Edge Moldings and Trim:
      a. Cap trim to conceal open edges
      b. Seismic Clips: Manufacturer's standard clip.
      c. Wall Angle: 7/8-inch.
   E. Corner transitions: Stainless Steel Bar spline at corners.
4. Measure each wall area and establish layout of acoustical units to balance border widths at opposite edges of each wall. Avoid use of less than half width units at borders.
5. Installation:
   A. Install suspension system and panels in compliance with approved construction drawings; with the authorities having jurisdiction; in accordance with the manufacturer's installation instructions, and according to CISCA's "Ceiling Systems Handbook."
   B. Install sub-girts, framing and carrying channels with wall moldings mounted on cold formed framing for wall and vertical surfaces transitions. Miter corners where wall moldings intersect or install corner caps.
   C. Follow the instructions from manufacturers of panels.
   D. Cut panel edges that are exposed to view will have to be treated to look like factory edges.

SPRAY APPLIED ACOUSTICAL CEILING TREATMENT

1. Summary: Sprayed cellulose finish system.
2. Product: Sonaspray Acoustical Finish System or equivalent.
3. Related items:
   A. Clips, hangers, supports, sleeves and other attachments to spray bases are to be placed aby other trades prior to the application of sprayed insulation.
   B. Ducts, piping, conduit or other suspended equipment shall not be positioned until after the application of sprayed insulation.
4. Color: Black, as approved by Architect.
5. Applicator: Licensed by manufacturer.
6. Mock-up: Apply a 100 square foot representative sample to be reviewed by the architects and/or owner prior to proceeding.
7. Product: SonaSpray "fc" Acoustical Finish (4:1 adhesive ratio)
8. Preparation: Provide masking, drop cloths or other satisfactory coverings for materials/surfaces that are not to receive insulation to protect from over-spray.
9. Installation:
   A. Average thickness to achieve NRC of 0.65 or greater.
   B. Install spray applied acoustical finish according to manufacturer's recommendations.
   C. Cure material with continuous natural or mechanical ventilation.
   D. Remove and dispose of over spray.

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SEAL

MHTN PROJECT NO. PROJ #

Original drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE

NO.	DATE	DESCRIPTION

ISSUE
PERMIT SET
12 JULY 2021

SHEET NAME
SPECIFICATION

SHEET NUMBER
G700

PAINTING

1. Gypsum Board Walls and Ceilings: Provide Low-Luster, Acrylic-Enamel, 2 finish coats over a primer, except where noted otherwise:
   A. Primer: ProMar 200 Zero VOC Interior Latex Primer, B28W-2600 0 g/L VOC
   B. First and Second Coats: Low-luster (eggshell or satin), acrylic-latex, interior enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.8 mils.
      a. 1st coat: ProMar 200 Zero VOC Eg-Shel B26-2600 series, 0 g/L VOC.
      b. 2nd coat: ProMar 200 Zero VOC Eg-Shel B26-2600 series, 0 g/L VOC.

2. Gypsum Board Walls and Ceilings: Provide Epoxy Coating, 2 coats over a primer.
   A. Primer: ProMar 200 Zero VOC Primer, B28W2600, 0 g/L VOC
   B. Two finish coats, applied at a dry film thickness not less than 1.5 mil dry film thickness.
      a. 1st coat: Pro Industrial Water-Based Epoxy Eg-Shel, B73-360 series, <50 g/L VOC.
      b. 2nd coat: Pro Industrial Water-Based Epoxy Eg-Shel, B73-360 series, <50 g/L VOC.

3. Ferrous Metal: Provide Semi-gloss, Enamel Finish, one finish coat over an enamel undercoater and a primer.
   A. Primer: Quick-drying, rust-inhibitive, alkyd-based primer, as recommended by the manufacturer for this substrate, applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.5 mils.
   B. Primer**:** Pro Industrial Pro-Cryl Universal Primer, B66-310 series, <100 g/L VOC.
   C. Finish Coat: Semigloss, enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.3 mils.
      a. 1st coat: Pro Industrial Acrylic Semi-Gloss, B66-650 series, 0 g/L VOC.
      b. 2nd coat: Pro Industrial Acrylic Semi-Gloss, B66-650 series, 0 g/L VOC.

FIRE EXTINGUISHER CABINET

1. Cabinet Construction: Semi Recessed aluminum sheet box (tub), with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated. Weld joints and grind smooth. Miter and weld perimeter door frames.
   A. Fire-Rated Cabinets: Construct fire-rated cabinets with double walls fabricated from 0.0428-inch-thick, cold-rolled steel sheet lined with minimum 5/8-inch-thick, fire-barrier material. Provide factory-drilled mounting holes.

2. Cabinet Type: Suitable for Fire extinguisher.
   A. Exposed Trim: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend).
      a. Rolled-Edge Trim: 2-1/2-inch backbend depth.

3. Cabinet Door and Trim Material: Manufacturer's standard, as follows:
   A. Aluminum sheet.

4. Glazing: Impact resistant as standard with manufacturer.
   A. Glass: Clear float glass, ASTM C 1036, Type I, Class 1, Quality q3, 1.5 mm, single strength.

5. Door Style: Manufacturer's standard design: Vertical duo panel with frame. Lockable with pressure release latch.

FIRE EXTINGUISHERS

1. Multipurpose Dry-Chemical Type: UL-rated 4-A:60-B:C, 10-lb nominal capacity, in enameled-steel container.

WINDOW TREATMENTS

1. Product: Q-Motion Automated Roller shades on all exterior windows.
   A. Finish: Architect selected
   B. Color: Architect selected

2. Product: Existing blinds to remain. Protect during construction. Replace any bent, broken or unusable blinds.
   A. Finish: Match Existing.
   B. Color: Match Existing.

3. Installation:
4. Low-Voltage hardwired.

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SPECULATIVE

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SEAL

STATE OF UTAH
ROBERTO Q. FIXON
6450267-0301
7/12/2021
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MHTN PROJECT NO. PROJ #

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NO.△	DATE	DESCRIPTION

ISSUE
PERMIT SET
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SHEET NAME
SPECIFICATION

SHEET NUMBER
G701