## **DRAWINGS**

COVER

### AKCHITECTURAL

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A003 UL WALL ASSEMBLIES
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# MIDWEST DISTRIBUTION TI

1220 NW MAIN STREET LEE'S SUMMIT, MO 64086

> 08.29.23 PERMIT SET





## **SCOPE NOTES**

IN THE EVENT OF QUESTIONS REGARDING THE CONTRACT DOCUMENTS, SPECIFICATIONS, EXISTING CONDITIONS OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT PRIOR TO BID SUBMITTAL AND PROCEEDING WITH ANY WORK IN QUESTION.

THESE CONTRACT DOCUMENTS ARE INTENDED TO DESCRIBE ONLY THE SCOPE AND APPEARANCE OF THE REAL PROPERTY IMPROVEMENTS, INCLUDING THE PERFORMANCE AND LEVEL OF QUALITY EXPECTED OF OF ITS COMPONENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL WORK COMPLETED AND MATERIALS INSTALLED BE IN FULL COMPLIANCE AT A MINIMUM, WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES HAVING JURISDICTIONAL AUTHORITY OVER THE PROJECT.

THESE CONTRACT DOCUMENTS DO NOT ATTEMPT TO INSTRUCT THE CONTRACTOR IN THE DETAILS OF HIS TRADE. THEY ARE PERFORMANCE SPECIFICATIONS IN THAT THEY DO REQUIRE THAT ALL MANUFACTURED ITEMS, MATERIALS AND EQUIPMENT BE INSTALLED IN STRICT CONFORMANCE TO THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, EXCEPT IN THE CASE WHERE THE CONTRACT DOCUMENTS ARE MORE STRINGENT. ANY MISCELLANEOUS ITEMS OR MATERIALS NOT SPECIFICALLY NOTED, BUT REQUIRED FOR PROPER INSTALLATION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ALL WORK SHALL BE WARRANTED SATISFACTORY, IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (I) YEAR, OR FOR THE PERIOD OF WARRANTY CUSTOMARY, OR STIPULATED FOR THE TRADE, CRAFT, OR PRODUCT, WHICHEVER IS LONGER. ONLY COMPETENT MECHANICS CAPABLE OF PRODUCING GOOD WORKMANSHIP CUSTOMARY TO THE TRADE SHOULD BE USED. COMMENCING WORK BY A CONTRACTOR OR SUBCONTRACTOR CONSTITUTES ACCEPTANCE OF THE CONDITIONS AND SURFACES CONCERNED. IF ANY SUCH CONDITIONS ARE UNACCEPTABLE, THE GENERAL CONTRACTOR SHALL BE NOTIFIED IMMEDIATELY, AND NO WORK SHALL BE PERFORMED UNTIL THE CONDITIONS ARE CORRECTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH THE PROJECT SCOPE OF WORK, BUILDING STANDARDS, SCHEDULE AND DEADLINES. THE CONTRACTOR SHALL FURTHER BE RESPONSIBLE FOR ADVISING THE OWNER OF ALL LONG LEAD ITEMS AFFECTING THE PROJECT SCHEDULE AND SHALL, UPON REQUEST FROM THE OWNER, SUBMIT ORDER CONFIRMATIONS AND DELIVERY DATES FOR SUCH LONG LEAD ITEMS TO THE OWNER.

ALL CONTRACTOR OR SUPPLIER REQUESTS FOR SUBSTITUTIONS OF SPECIFIED ITEMS SHALL BE SUBMITTED, IN WRITING, ACCOMPANIED BY THE ALTERNATIVE PRODUCT INFORMATION, TO THE ARCHITECT, NO LATER THAT TEN (10) BUSINESS DAYS, PRIOR TO BID OPENING DATE. SUBSTITUTIONS SHALL ONLY BE CONSIDERED IF THEY DO

NOT SACRIFICE QUALITY, FUNCTIONALITY, APPEARANCE OR WARRANTY. UNDER NO CIRCUMSTANCES WILL THE OWNER BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT SPECIFIED. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR SCALE THE DRAWINGS TO DETERMINE DIMENSIONS. REFER TO PLANS, SECTIONS AND DETAILS FOR ALL DIMENSIONAL INFORMATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL SELECTED MATERIALS WHICH SHALL BE COMPLETE IN ALL RESPECTS PRIOR TO THE FINAL ACCEPTANCE, UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL PRESERVE ALL PRINTED INSTRUCTIONS AND WARRANTY INFORMATION THAT IS PROVIDED WITH EQUIPMENT OR MATERIALS USED, AND DELIVER SAID PRINTED MATTER TO THE OWNER AT THE TIME OF SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL INSTRUCT THE OWNER IN THE PROPER USE OF THE EQUIPMENT FURNISHED BY THEIR TRADE.

GENERAL CONTRACTOR SHALL PROVIDE A THOROUGH CONSTRUCTION CLEANING AT PROJECT CLOSE OUT, PRIOR TO PUNCH LIST WALK THROUGH.

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL FABRICATED ITEMS, AND PHYSICAL SAMPLES OF ALL FINISH MATERIALS SPECIFIED TO THE ARCHITECT FOR REVIEW.

REVIEWED SHOP DRAWINGS AND SUBMITTALS BY OTHERS SHALL NOT BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR DRAWINGS, SCHEDULES, AND/OR SPECIFICATIONS FOR WORK ON THE PROJECT PREPARED BY OTHERS.

THE ARCHITECT WILL REVIEW ALL SHOP DRAWINGS, SUBMITTALS AND SAMPLES FOR CONFORMITY WITH THE CONTRACT DOCUMENTS AND RETURN THEM TO THE CONTRACTOR WITHIN SEVEN (7) WORKING DAYS EXCEPT AS MAY OTHERWISE BE PROVIDED FOR BY THE OWNER.

THE CONTRACTOR SHALL NOT REPRODUCE AND MARK UP ANY PART OF THE CONTRACT DOCUMENTS FOR SUBMITTAL AS A SHOP DRAWING. ANY SUCH SUBMITTAL WILL BE

ANY SUBMITTAL REQUIRED TO BE REVIEWED MORE THAN THE INITIAL REVIEW AND ONE (I) ADDITIONAL REVIEW, WILL BE CONSIDERED TO BE IN EXCESS OF THE SCOPE OF THE PROJECT. THE TIME REQUIRED FOR THIRD AND SUBSEQUENT REVIEWS OF A SUBMITTAL WILL BE PAID FOR BY THE CONTRACTOR TO THE ARCHITECT AT THE ARCHITECT'S STANDARD BILLING RATES, PLUS REIMBURSABLE EXPENSES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ANY EXISTING CONDITIONS AND ALL CRITICAL DIMENSIONS ASSOCIATED WITH THE PROPOSED WORK. THE CONTRACTOR SHALL CONFIRM THAT ALL WORK OUTLINED WITHIN THE CONTRACT DOCUMENTS CAN BE ACCOMPLISHED AS SHOWN, PRIOR TO BID OPENING. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS ENCOUNTERED WHICH MAY AFFECT BUILDING CODE COMPLIANCE, LIFE SAFETY, ISSUANCE OF CERTIFICATE OF OCCUPANCY, OR COMPLETION OF THE PROJECT AS DIRECTED IN THE CONTRACT DOCUMENTS.

NO ADDITIONAL FUNDS WILL BE APPROVED FOR WORK OMITTED FROM THE CONTRACTOR'S BID DUE TO LACK OF VERIFICATION BY THE CONTRACTOR, EXCEPT AS OTHERWISE APPROVED BY THE OWNER FOR WORK ASSOCIATED WITH HIDDEN CONDITIONS WHICH ARE NOT ACCESSIBLE PRIOR TO CONSTRUCTION.

REFER TO PROJECT MANUAL (WHEN APPLICABLE) FOR ADDITIONAL REQUIREMENTS AND DIRECTIONS. ALL INTERIOR FINISHES SHALL COMPLY WITH CHAPTER EIGHT (8) OF THE 2018 INTERNATIONAL BUILDING CODE.

LIGHT GAGE METAL STUDS; STUDS, THEIR COMPONENTS AND THEIR CONNECTIONS SHALL BE ENGINEERED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. THE ENGINEER SHALL AFFIX THEIR SEAL AND SIGNATURE TO SHOP DRAWINGS AND CALCULATIONS SUBMITTED FOR REVIEW.

STEEL REQUIRED TO TRANSMIT GRAVITY AND/OR LATERAL LOADS TO THE STRUCTURE NOT DETAILED ON THE STRUCTURAL DRAWINGS IS THE RESPONSIBILITY OF THE METAL STUD SUPPLIER TO DESIGN, DETAIL, PROVIDE AND INSTALL.

METAL STUDS SHALL BE DESIGNED TO SUPPORT THE LOADS SHOWN IN THE DESIGN DATA IN ADDITION TO THE WEIGHT OF THE MATERIALS ATTACHED TO THE METAL STUDS. METAL STUDS SHALL BE DESIGNED USING THE LOAD COMBINATIONS IN SECTION 1605.3.1 OF THE INTERNATIONAL BUILDING CODE, 2012 EDITION. NO INCREASE IN ALLOWABLE STRESS IS ALLOWED.

DEFLECTION DUE TO LATERAL LOAD SHALL BE LIMITED TO 4 OF THE STUD SPAN. FOR CANTILEVERS, THE DEFLECTION DUE TO LATERAL LOAD AT THE END OF THE CANTILEVER SHALL BE LIMITED TO  $\frac{1}{180}$  OF THE CANTILEVER DIMENSION.

METAL STUD MANUFACTURER SHALL DETERMINE FINAL LAYOUT AND GAUGE OF STUDS TO MEET THE ARCHITECTURAL AND STRUCTURAL REQUIREMENTS.

WHERE ROUGH CARPENTRY IS IN CONTACT WITH THE GROUND, EXPOSED TO WEATHER OR IN AREAS OF HIGH RELATIVE HUMIDITY PROVIDE FASTENERS AND ANCHORAGES WITH A HOT DIP ZINC COATING OF G90 COMPLYING WITH ASTM A 153 OR PROVIDE FASTENERS AND ANCHORAGES OF TYPE 304 STAINLESS STEEL.

ALL WOOD SHEATHING TO BE FIRE TREATED UNLESS NOTED OTHERWISE.

## **ABBREVIATIONS**

		_	DDILL VIA I IONS		
ACT	ACOUSTICAL CEILING TILE	FLR	FLOOR	PS	PROJECTION SCREEN
ADDL	ADDITIONAL	FR	FIRE RETARDANT	QT	QUARRY TILE
AFF	ABOVE FINISHED FLOOR	FT	FEET	R	RISER
ALUM	ALUMINUM	GA	GAUGE	RA	RETURN AIR
ANOD	ANODIZED	GB	GRAB BAR	RB	RESILIENT BASE
APP	APPROXIMATE	GC	GENERAL CONTRACTOR	RD	ROOF DRAIN
ARCH	ARCHITECT	GYP BD	GYPSUM BOARD	REF	REFERENCE
AWT	ACOUSTICAL WALL TREATMENT	HDWR	HARDWARE	REFR	REFRIGERATOR
BLDG	BUILDING	HGT	HEIGHT	REQD	REQUIRED
BLKG	BLOCKING	HM	HOLLOW METAL	RO	ROUGH OPENING
B.O.	BOTTOM OF	HORIZ	HORIZONTAL	SA	SUPPLY AIR
BOT	BOTTOM	HP	HIGH POINT	SCHED	SCHEDULE
BRG	BEARING	HVAC	HEATING, VENTILATING, AIR CONDITIONING	SCMD	SOLID CORE METAL DOOR
CAB	CABINET	HW	HOT WATER	SCWD	SOLID CORE WOOD DOOR
CJ	CONTROL JOINT	INSUL	INSULATION	SEC	SECTION
CL	CENTER LINE	JAN	JANITOR	SF	SQUARE FOOT
CLR	CLEAR	JST	JOIST	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT	JT	JOINT	SPECS	SPECIFICATIONS
CONST	CONSTRUCTION	KD	KNOCKDOWN	SQ	SQUARE
COL	COLUMN	KIT	KITCHEN	SS	STAINLESS STEEL
CONC	CONCRETE	LAM	LAMINATE	STD	STANDARD
CONT	CONTINUOUS	LAV	LAVATORY	STL	STEEL
CPT	CARPET	LLH	LONG LEG HORIZONTAL	STOR	STORAGE
CT	CERAMIC TILE	LLV	LONG LEG VERTICAL	STRUCT	STRUCTURAL
CW	COLD WATER	MAS	MASONRY	SUSP	SUSPENDED
DET, DTL	DETAIL	MAT	MATERIAL	TB	TACK BOARD
DF	DRINKING FOUNTAIN	MAX	MAXIMUM	TEL	TELEPHONE
DIA	DIAMETER	MB	MARKER BOARD	TLT	TOILET
DIM	DIMENSION	MECH	MECHANICAL	T.O.	TOP OF
DWG(S)	DRAWING(S)	MEZZ	MEZZANINE	TRTD	TREATED
EA	EACH	MFR	MANUFACTURER	TV	TELEVISION
EC	EXPOSED CEILING	MIN	MINIMUM	TYP	TYPICAL
EIFS	EXTERIOR INSULATION FINISH SYSTEM	MO	MASONRY OPENING	UNO	UNLESS NOTED OTHERWISE
EJ	EXPANSION JOINT	MTL	METAL	UR	URINAL
EL	ELEVATION	NIC	NOT IN CONTRACT	VCT	VINYL COMPOSITION TILE
ENG	ENGINEER	NR	NOT RATED	VERT	VERTICAL
EQ	EQUAL	OC	ON CENTER	VIF	VERIFY IN FIELD
EQUIP	EQUIPMENT	OD	OUTSIDE DIAMETER	VT	VINYL TILE
EXIST	EXISTING	OFD	OVERFLOW DRAIN	W/	WITH
EXP	EXPANSION	ОН	OPPOSITE HAND	W/O	WITHOUT
EXT	EXTERIOR	OPNG	OPENING	WB	WOOD BASE
FD	FLOOR DRAIN	OPP	OPPOSITE	WC	WATER CLOSET
FE	FIRE EXTINGUISHER	ОТО	OUT TO OUT	WD	WOOD
FEC	FIRE EXTINGUISHER CABINET	PLAS LAM	PLASTIC LAMINATE	WH	WATER HEATER

PLWD PLYWOOD

## **SYMBOLS** (NOT ALL MAY APPLY) KEYED NOTE WINDOW OR GLAZED OPENING TAG IF WINDOW - W# IF STOREFRONT - SF# IF CURTAINWALL - CW# ACCESSORY TAG

**EQUIPMENT TAG** 

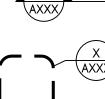
FINISH TAG

**ROOM TAG** 

**ELEVATION TAG - INTERIOR OR EXTERIOR** 

XXX

SECTION CUT AT AREAS SHOWN SMALL SCALE



**ENLARGED PLAN** 



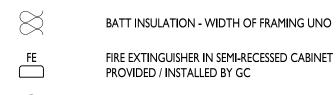
ELEVATION TARGET. FINISHED FLOOR = 0'-0"



**WORKING POINT** 

PLAN OR TRUE NORTH

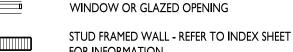
REVISION



FIRE EXTINGUISHER IN SEMI-RECESSED CABINET PROVIDED / INSTALLED BY GC



DOOR WITH DOOR NUMBER



FOR INFORMATION CMU WALL - REFER TO SECTIONS AND DETAILS

CONCRETE WALL - REFER TO SECTIONS AND EIFS OVER SUBSTRATE - REFER TO SECTIONS FOR

BRICK WALL - REFER TO SECTIONS AND DETAILS

**EXISTING DOOR - REFER TO DOOR SCHEDULE** 

EXISTING FRAMED WALL

WIDTH AND PROFILE

EXISTING WINDOW WITH SILL AND / OR STOOL

DEMO'D DOOR

DEMO'D WALL

WALL HEIGHT IF DESIGNATED ON PLANS. IF

NOT, SEE WALL TYPES THIS SHEET

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY

CERTIFICATION

CURRAN

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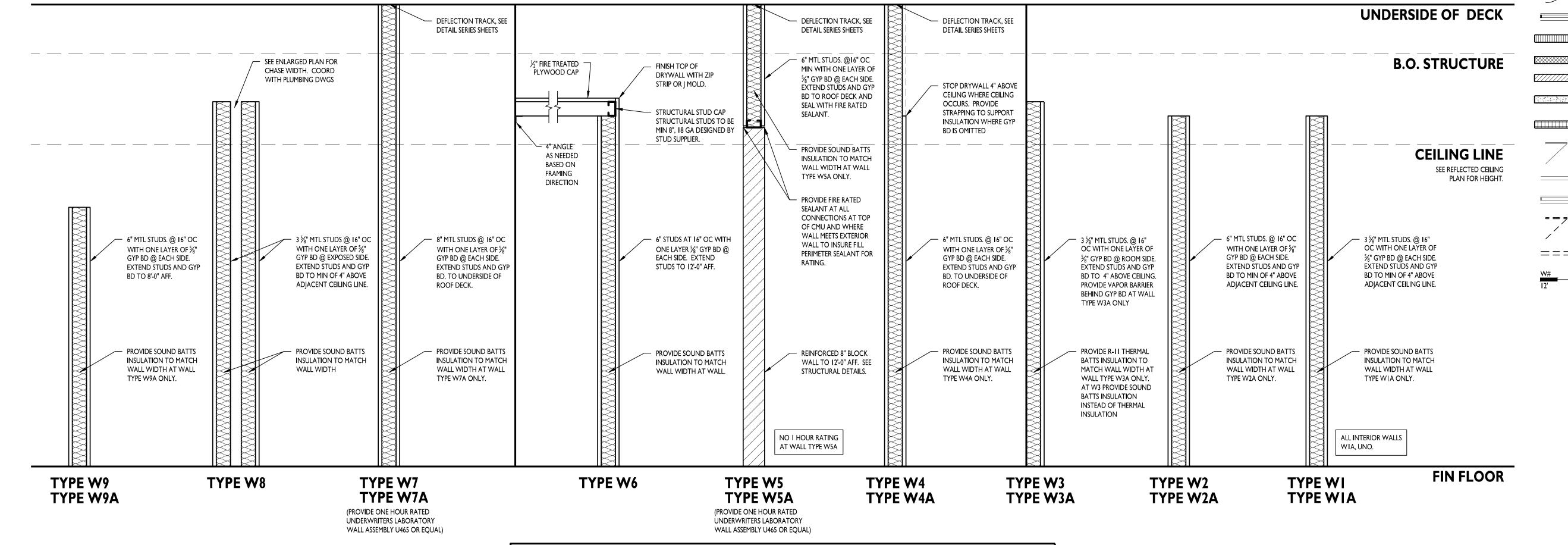
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PROJECT INFORMATION

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1220 NW MAIN STREET LEE'S SUMMIT, MO 64086



## **WALL TYPE GENERAL NOTES**

- A. NOTE: WALL HEIGHT AS MARKED ON PLANS IN CONJUNCTION WITH WALL TYPE SYMBOL WILL SUPERCEDE WALL HEIGHTS AS SHOWN ABOVE.
- SEE SYMBOLS LEGEND THIS SHEET. PROVIDE DEEP LEG DEFLECTION TRACK AT TOP OF ALL METAL STUD WALLS WHERE STUDS EXTEND TO UNDERSIDE OF ROOF DECK OR STRUCTURE ABOVE.
- C. USE MOLD AND MILDEW RESISTANT GYP BD ON ALL PLUMBING WALLS. USE 5/8" CEMENT BOARD INSTEAD OF GYP BD BEHIND ALL TILE FINISHES.
- BRACE METAL STUD WALLS TO TOP OF STRUCTURAL STEEL ELEMENTS, ABOVE CEILING PLANE. COORDINATE REQUIRED BRACE SPACING WITH STRUCTURAL ENGINEER PRIOR
- TO BEGINNING CONSTRUCTION. REFER TO ROOM FINISH SCHEDULE FOR ALL FINISH SELECTIONS, CEILING TYPES AND HEIGHTS, AND TYPES, SIZES, AND LOCATIONS
- ALL STUD WALLS CREATING A CONCEALED WALL SPACE TO HAVE FIREBLOCKING AT INTERVALS NOT EXCEEDING 10'-0" PER 718.2.2 IBC 2012.

G. DESIGN ALL PARTITIONS TO U240 AT 5 PSF. UNLESS NOTED OTHERWISE, ALL WALLS TO HAVE ONE LAYER DRYWALL EACH SIDE, LEVEL 4

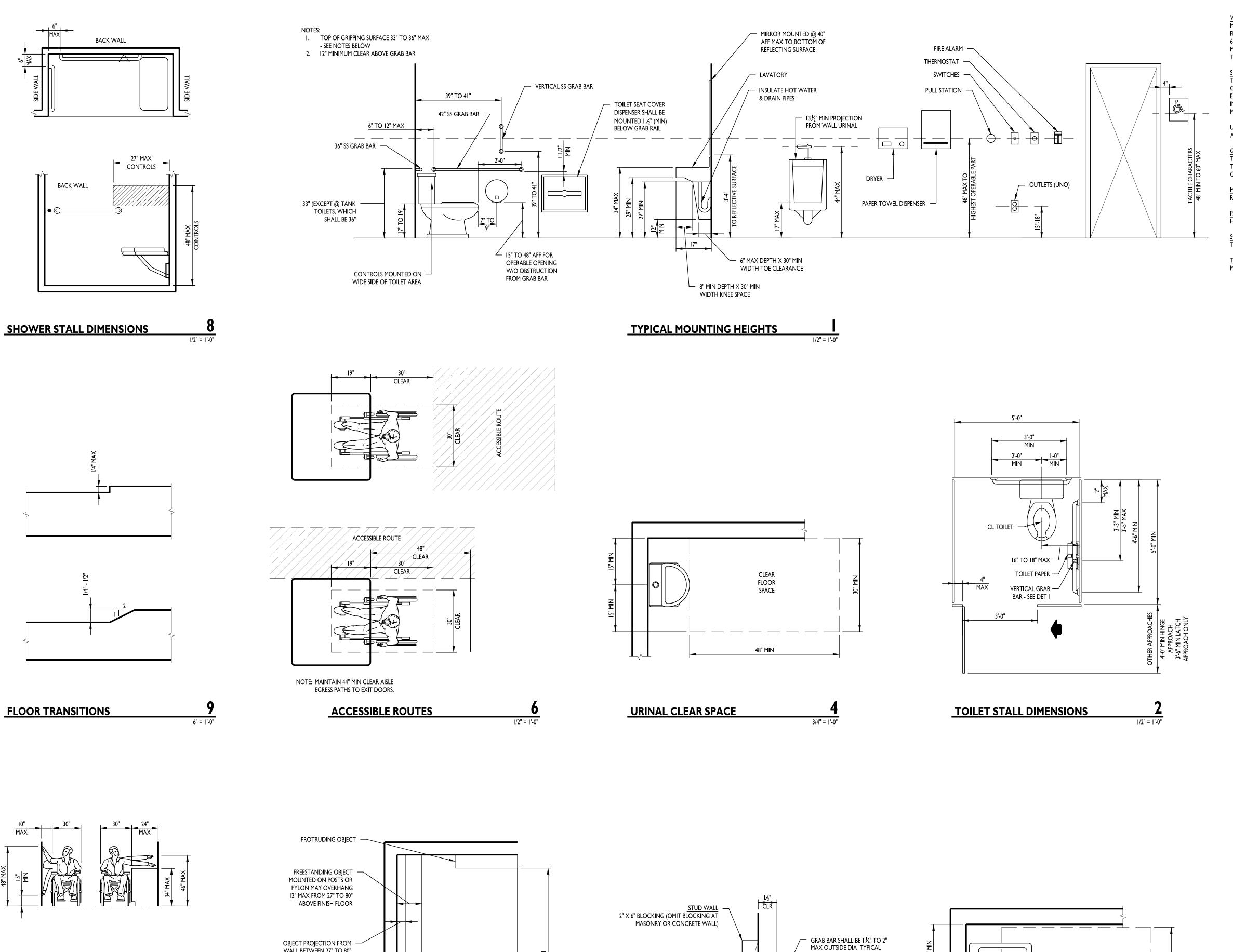
**WALL TYPES** 

NOT TO SCALE

**ISSUE DATES** PERMIT SET 08.29.23

> 230139 **SCOPE NOTES &**

**WALL TYPES** 



2 -¼" X 3" EXPANSION ANCHORS — AT MASONRY OR CONCRETE WALL.

**GRAB BAR DIMENSIONS** 

2 - #10 X 2" SCREWS AT WOOD OR STEEL STUD WALL - TYPICAL.

WALL BETWEEN 27" TO 80" ABOVE FINISH FLOOR SHALL

PROTRUDE NO MORE THAN 4"

OBJECT PROJECTION FROM WALL -LESS THAN 27" ABOVE FINISH FLOOR

MAY PROTRUDE ANY AMOUNT

FLOOR SHALL BE SLIP-RESISTANT -SURFACE AND LEVEL WITH MAX

**REACH RANGES** 

 $\frac{1}{4}$ " Change in Level

VERTICAL CLEARANCES

36" MIN CLEAR
ACCESSIBLE ROUTE

## TYPICAL ADA INFO

WATER CLOSET: WATER CLOSETS SHALL BE 17" TO 19" AFF WHEN MEASURED TO THE TOP OF THE TOILET SEAT AND THE CENTER FOR THE FIXTURE SHALL BE 18" FROM ONE WALL WITH A CLEAR FLOOR SPACE OF 60" WIDE AND 59" DEEP FOR FLOOR MOUNT AND 56" DEEP FOR WALL MOUNT. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.

SINK: SINK SHALL BE MOUNTED WITH THE RIM OR COUNTER NO HIGHER THAN 34" AFF PROVIDE A CLEARANCE OF AT LEAST 29" TO THE BOTTOM OF THE APRON WITH AN 8"X27" KNEE SPACE AND 6"X9" TOE SPACE. EXPOSED HOT WATER AND DRAIN PIPES UNDER SINKS SHALL BE INSULATED. FAUCETS SHALL BE LEVER-OPERATED, PUSH-TYPE AND MOTION SENSOR.

URINALS: URINALS SHALL BE STALL-TYPE OR WALL HUNG WITH THE RIM AT A MAXIMUM OF 17" AFF AND A 30" X 48" CLEAR FLOOR SPACE.

GRAB BARS: GRAB BARS SHALL BE 33" TO 36" AFF THE GRAB BAR BEHIND THE WATER CLOSET SHALL BE 36" LONG AND NO MORE THAN 6" OF OF THE SIDE WALL. THE SIDE WALL GRAB BAR SHALL BE 42" LONG AND 12" OFF THE BACK WALL.

MIRROR: MIRRORS SHALL BE MOUNTED SO THE BOTTOM OF THE REFLECTING SURFACE IS NO MORE THAN 40" AFF.

PAPER TOWEL/DRYER: PAPER TOWEL/ DRYERS SHALL BE MOUNTED NO HIGHER THAN 48" AFF.

SOAP DISPENSER: SOAP DISPENSERS SHALL BE MOUNTED NO HIGHER THAN 48" AFF.

FLOOR

**SINK CLEAR SPACE** 

TOILET PAPER: TOILET PAPER DISPENSERS SHALL BE INSTALLED WITHIN 36" MAX OF THE BACK WALL.

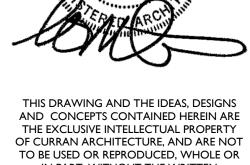
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ISSUE [	DATES
ERMIT SET	08.29.23
230	139

TYPICAL ACCESSIBILITY
DETAILS

**A002** 

 $http://database.ul.com/...ANSI/UL+263\&objid=1074330743\&cfgid=1073741824\&version=versionless\&parent\_id=1073984818\&sequence=1[8/8/2013\ 8:57:01\ AM]$ 

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

BXUV.U465 - Fire Resistance Ratings - ANSI/UL 263

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC - Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1B. Framing Members\* - Floor and Ceiling Runners — Not shown - In lieu of Item 1 — For use with Item 3, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

CRACO MFG INC — SmarterTrack20™, SmartTrack20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

PHILLIPS MFG CO L L C — Viper20™ Track

C. Floor and Ceiling Runners — (Not shown)—For use with Item 2C- Channel shaped, fabricated from min protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC. 1D. **Framing Members\***— **Floor and Ceiling Runners** — Not shown - In lieu of Items 1 through 1C — For use with Item 2D and 4G only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA BUILDING SUPPLIES — ProTRAK

 $\mathbf{RAM} \ \mathbf{SALES} \ \mathbf{L} \ \mathbf{C} - \mathsf{Ram} \ \mathsf{ProTRAK}$ 

SOUTHEASTERN STUD & COMPONENTS INC — ProTRAK

STEEL STRUCTURAL SYSTEMS L L C - Tri-S ProTRAK

1E. Framing Members\*— Floor and Ceiling Runners — Not shown - In lieu of Items 1 through 1D — For use with Item 2E and 4I only, proprietary channel shaped runners, 1-1/4 in, deep by min 3-5/8 in, wide abricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC

TELLING INDUSTRIES L L C — TRUE-TRACK™

1F. Framing Members\* - Floor and Ceiling Runners - Not shown - In lieu of Items 1 through 1E - For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. KIRII (HONG KONG) LTD — Type KIRII

BXUV.U465 - Fire Resistance Ratings - ANSI/UL 263

1G. **Framing Members\*** – **Floor and Ceiling Runners** – Not shown - In lieu of Items 1 through 1F – For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max. STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. Floor and Ceiling Runners — (Not shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24

**MARINO/WARE, DIV OF WARE INDUSTRIES INC** — Viper $20^{\text{TM}}$  Track VT100.

11. Framing Members\* - Floor and Ceiling Runners — Not shown - In lieu of Item 1 — For use with Item PH. proprietary channel shaped runners, 1-1/4 in, wide by min 3-5/8 in, deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. **TELLING INDUSTRIES L L C** — Viper20™ Track

2. Steel Studs — Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height 2A. **Framing Members\***— **Steel Studs** — As an alternate to Item 2 - Channel shaped studs, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

 $oldsymbol{ t QUAIL}$  RUN BUILDING MATERIALS INC - Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO - Type SUPREME Framing System

**STEEL CONSTRUCTION SYSTEMS INC** — Type SUPREME Framing System

**UNITED METAL PRODUCTS INC** — Type SUPREME Framing System

2B. Framing Members\* - Steel Studs - Not shown - In lieu of Item 2 - For use with Item 1B, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height. CALIFORNIA EXPANDED METAL PRODUCTS CO - Viper $20^{\text{TM}}$ 

**CRACO MFG INC** — SmarterStud20<sup>™</sup>, SmartStud20<sup>™</sup>

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

PHILLIPS MFG CO L L C — Viper20™

2C. Steel Studs — (As an alternate to Item 2, For use with Item 4E) Channel shaped, fabricated from min 20 G corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into

BXUV.U465 - Fire Resistance Ratings - ANSI/UL 263

floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height. 2D. **Framing Members\***— **Steel Studs** — As an alternate to Items 2 through 2C- For use with Item 1D and 4G only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.

DMFCWBS L L C — ProSTUD

MBA BUILDING SUPPLIES — ProSTUD

RAM SALES L L C — Ram ProSTUD

SOUTHEASTERN STUD & COMPONENTS INC — ProSTUD

STEEL STRUCTURAL SYSTEMS L L C — Tri-S ProSTUD

TELLING INDUSTRIES L L C - TRUE-STUD<sup>TM</sup>

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

2E. **Framing Members\***— **Steel Studs** — As an alternate to Items 2 through 2D- For use with Item 1E and 4I only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.

2F. **Framing Members\***— **Steel Studs** — As an alternate to Items 2 through 2E- For use with Item 1F, channel shaped studs, min 3-5/8 in. wide fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height. KIRII (HONG KONG) LTD — Type KIRII

2G. **Framing Members\* - Steel Studs —** Not shown - In lieu of Item 2 through 2F - For use with Item 1G. Proprietary channel shaped studs, minimum 3-5/8 in. wide, Studs to be cut 1/2 in. less than the assembly STUDCO BUILDING SYSTEMS — CROCSTUD

2H. Framing Members\* - Steel Studs — Not shown - In lieu of Item 2 — For use with Item 1I, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height. TELLING INDUSTRIES L L C — Viper20™

3. Batts and Blankets\* — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud See Batts and Blankets (BZJZ) category for names of Classified companies.

3A. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft<sup>3</sup>. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product. f U f S f GREENFIBER f L f C - INS735 & INS745 for use with wet or dry application. INS765LD and INS770LD are

3B. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose

BXUV.U465 - Fire Resistance Ratings - ANSI/UL 263

insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft. **NU-WOOL CO INC** — Cellulose Insulation

3C. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose fiber. The iber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft<sup>3</sup>.  ${\bf INTERNATIONAL\ CELLULOSE\ CORP-Celbar-RL}$ 

3D. Batts and Blankets\* — For use with Item 8. Nom 3 in. thick, minimum 3.4 pcf mineral wool batts, riction fit between the studs and floor and ceiling runners. See Batts and Blankets (BZJZ) category for names of manufacturers.

4. **Gypsum Board\*** - 5/8 in, thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (resilient hannels) or 6A or 6C (furring channels), gypsum board is screw attached to furring channels with 1 in. long, ACADIA DRYWALL SUPPLIES LTD — Type X

AMERICAN GYPSUM CO — Types AG-C, AGX-1, M-Glass

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO - Type DBX-1.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

CERTAINTEED GYPSUM INC — Types 1, EGRG, GlasRoc, Type X, Type C, SilentFX, 5/8" Easi-Lite Type X.

CERTAINTEED GYPSUM CANADA INC - Type C, Type X, Type Abuse-Resistant, 5/8" Easi-Lite Type X.**GEORGIA-PACIFIC GYPSUM L L C** — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS.

LAFARGE NORTH AMERICA INC — Types LGFC2, LGFC2A, LGFC6A, LGFC6A, LGFC-C/A, LGFC-WD,

NATIONAL GYPSUM CO — Types FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSL.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types PG-C, PG-9, PG-11, PGS-WRS.

**PANEL REY S A** — Types GREX, PRX, RHX, MDX, ETX.

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD - Type EX-1

TEMPLE-INLAND — Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit -Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Deadening Gypsum Board.

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**THAI GYPSUM PRODUCTS PCL** — Type X, Type C.

BXUV.U465 - Fire Resistance Ratings - ANSI/UL 263

UNITED STATES GYPSUM CO — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, field. Screws spaced a max 12 in. along the top and bottom edges of the wall. USGX (Joint tape and compound, Item 5, optional for use with Type USG)

**USG MEXICO S A DE C V** — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

4A. **Gypsum Board\*** — (As alternate to Item 4) - Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. When used in widths other than 48 in.,

**CERTAINTEED GYPSUM INC** — Type X, Type C, Type EGRG/ GlasRoc.

CERTAINTEED GYPSUM CANADA INC — Type X, Type C, Type EGRG/ GlasRoc.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

**GEORGIA-PACIFIC GYPSUM L L C** — Types DAP, DAPC, DGG, DS.

LAFARGE NORTH AMERICA INC — Type LGFC6A, LGFC-C/A

THAI GYPSUM PRODUCTS PCL - Type X, Type C. UNITED STATES GYPSUM CO - T ype AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, ,

USGX (Joint tape and compound, Item 5, optional for use with Type USG

USG MEXICO S A DE C V — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

4B. **Gypsum Board\*** — (As an alternate to Items 4 or 4A) — Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.

**UNITED STATES GYPSUM CO** - Types AR, IP-AR.

CGC INC — Types AR, IP-AR.

**USG MEXICO S A DE C V** — Types AR, IP-AR.

4C. **Gypsum Board\*** — As an alternate to Items 4, 4A, and 4B - Nom. 5/8 in. thick gypsum panels, with spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel framing. TEMPLE-INLAND — GreenGlass Type X.

4D. **Gypsum Board\*** — As an alternate to Items 4, 4A, 4B, and 4C - Nom. 5/8 in. thick gypsum panels applied horizontally. Horizontal joints need not be backed by steel framing. Horizontal edge joints and norizontal butt joints on opposite sides of studs need not be staggered. Gypsum panels fastened to framin with 1 in. long Type S steel screws 1-1/2 in. from board edges, 3 in. from board edge and every 8 in. OC in the NATIONAL GYPSUM CO — Types FSK, FSK-C, FSK-G, FSW-C, FSW-G, FSW.

4E. Gypsum Board\* — (As an alternate to Items 4 through 4D) - Installed as described in Item 4. 5/8 in. thick,  $4 \, \mathrm{ft.}$  wide, paper surfaced, applied vertically only and fastened to the studs and plates with 1 in. long, Type S steel screws spaced,  $8 \, \mathrm{in.}$  OC. Not to be used with item 6. NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

4F. Gypsum Board\* — (Not Shown) - (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. RAY-BAR ENGINEERING CORP — Type RB-LBG

4G. **Gypsum Board\*** — (As an alternate to Items 4 through 4F) — For use with Items 1D and 2D only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered LAFARGE NORTH AMERICA INC — Type LGFC6A, LGFC-C/A

NATIONAL GYPSUM CO — Types FSW

UNITED STATES GYPSUM CO - Type SCX

**UNITED STATES GYPSUM CO** — Type SCX

**MAYCO INDUSTRIES INC** — Type X-Ray Shielded Gypsum

4H. Wall and Partition Facings and Accessories\* — (As an alternate to Items 4 through 4G) — Nominal 5/8 in, thick, 4 ft wide panels, applied vertically and secured as described in Item 4. SERIOUS ENERGY INC — Types QuietRock ES, QuietRock 527.

1. **Gypsum Board\*** – (As an alternate to Items 4 through 4F) - For use with Items 1E and 2E only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with f 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered

4J. Gypsum Board\* — (Not Shown) - (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) - Nom 5/8 in thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A).

4K. Gypsum Board\* — (As an alternate to Item 4 and 4A, not for use with Items 1D, 1E, 2D and 2E) - Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 4 and 4A. CGC INC — Type ULX

**UNITED STATES GYPSUM CO** — Type ULX

**USG MEXICO S A DE C V** − Type ULX

4L. Gypsum Board\* - (Not Shown) - (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

4M. Gypsum Board\* — (For use with Item 8) - 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 8) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 8). Secured to outermost study and floor and ceiling runners with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound.

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

**CERTAINTEED GYPSUM INC** — Type FRPC, Type C

CERTAINTEED GYPSUM CANADA INC — Type C

CGC INC — Types C, IP-X2, IPC-AR

AMERICAN GYPSUM CO — Type AG-C

**GEORGIA-PACIFIC GYPSUM L L C** — Types 5, DAPC

LAFARGE NORTH AMERICA INC — Types LGFC-C, LGFC-C/A

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM - Type PG-C.

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PANEL REY S A — Type PRC

**TEMPLE-INLAND** — Type TG-C

THAI GYPSUM PRODUCTS PCL - Type C

**UNITED STATES GYPSUM CO** — Types C, IP-X2, IPC-AR

**USG MEXICO S A DE C V** — Types C, IP-X2, IPC-AR

5. Joint Tape and Compound — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. 6. **Resilient Channel** — (Optional-Not Shown) — 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 pan head steel screws. May not be used with Item 4F or 4J.

6A. **Steel Framing Members (Not Shown)\*** — As an alternate to Item 6, furring channels and resilient sound isolation clip as described below: a. Furring Channels — Formed of No. 25 MSG galv steel, 2-9/16 in, or 2-23/32 in, wide

by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. b. Framing Members\* — Used to attach furring channels (Item a) to studs (Item 2). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

6B. Framing Members\* — Optional - Not Shown - Used as an alternate method to attach resilient channels Item 6). Clips attached at each intersection of the resilient channel and the steel studs (Item 2). Resilient channels are friction fitted into clips, and then clips are secured to the stud with min. f 1 in. long Type S-f 12 pan head steel screws through the center hole of the clip and the resilient channel flange.

PAC INTERNATIONAL INC — Types RSIC-1, RSIC-1 (2.75).

6C. Framing Members\* - (Not Shown) - (Optional on one or both sides) - As an alternate to Item 6, furring channel and Steel Framing Members as described belo a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 4. b. Steel Framing Members\* — Used to attach furring channels (Item 6Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8  $\times$  1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEO INC — Type Genie Clip

6D. Steel Framing Members — (Optional, Not Shown)\* - Furring channels and resilient sound isolation clip a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC dicular to study Channels secured to study as described in Item b. Ends of perpendicular to study. Challines section to study so described in them b. Entily adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 4. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. b. Steel Framing Members\* — Resilient sound isolation clip used to attach furring els (Item 6Da) to studs. Clips spaced 24 in, OC., and secured to studs with No. 10  $\times$  2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

7. Wall and Partition Facings and Accessories\* — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-510 panel is installed between the steel framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board. SERIOUS ENERGY INC — Type QuietRock QR-510.

8. Mineral and Fiber Board\* — (Optional, Not shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type S steel screws, spaced 12 in. OC and 24 in. OC along all intermediate framing. The required UL Classified gypsum board layer (Item 4M) is to be installed over the Mineral and Fiber Boards. Batts and Blankets, Item 3D, and Adhesive, Item 11, are required.

9. Lead Batten Strips — (Not Shown, For Use With Item 4E) - Lead batten strips, min 1-1/2 in, wide, max 10

the tong with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum board (Item 4E) and optional at remaining stud locations. Required behind vertical joints. 9A. Lead Batten Strips — (Not Shown, for use with Item 4J) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "A, B, C or D". Lead batten strips

required behind vertical joints of lead backed gypsum wallboard (Item 4J) and optional at remaining stud 10. Lead Discs or Tabs — (Not Shown, For Use With Item 4E) - Used in lieu of or in addition to the lead batten strips (Item 8) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4E) underneath screw locations prior to the installation of the screw Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". 10A. Lead Discs - (Not Shown, for use with Item 4J) Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.9% meeting the Federal Specification QQ-L-201f, Grades "A, B, C or D".

11. **Adhesive** — Not Shown - (For use with Item 8) - Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item

Last Updated on 2013-06-07

\*Bearing the UL Classification Mark

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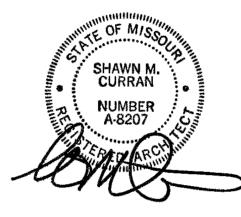
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RATED WALL **INFORMATION** 



## **KEYED NOTES**

- I. EXIT, EXIT SIGN, AND EMERGENCY LIGHTING ABOVE DOOR INTERIOR WITH BATTERY BACKUP. EXTERIOR EGRESS LIGHTING ABOVE DOOR TIED TO BATTERY BACK UP.
- PROPOSED FIRE EXTINGUISHER LOCATION. VERIFY WITH FIRE MARSHAL. FINAL QUANTITY AND LOCATIONS TO BE DETERMINED WITH FINAL RACKING PLAN AND FIRE DEPARTMENT REVIEW.
- EXISTING PUMP ROOM.
- 4. I HOUR RATED DEMISING WALL, CENTERED ON COLUMN

## **CODE ANALYSIS**

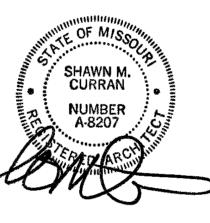
		FIRE RESISTANCE RATED CONSTRUCTION (704, 601, 602	)
ONAL BUILDING CODE		RATED EXTERIOR WALLS:	1
		FIRE SEPARATION DISTANCE	
E		UNPROTECTED OPENING AREA:	1
ONAL PLUMBING CODE			
		INTERIOR WALL AND CEILING FINISH REQUIREMENTS (	(803)
DE		SEE FINISH SCHEDULE FOR MATERIALS	
ELECTRICAL CODE		ALL MATERIALS ARE CLASS A RATED	
		FIRE PROTECTION SYSTEMS	
ONAL FIRE CODE		STANDPIPE SYSTEM (905):	,
		PORTABLE FIRE EXTINGUISHERS (906.1):	SEE PL
ODE		FIRE ALARM AND DETECTION SYSTEMS (907):	
ONAL MECHANICAL CODE		SMOKE CONTROL SYSTEMS (909):	1
		SMOKE AND HEAT VENTS (910):	1
ODE		EGRESS	
		MINIMUM WIDTH FACTOR (1005.1):	0.
CCESSIBILITY CODE		REQUIRED MINIMUM WIDTH FROM SPACE (1005.1):	].
		MINIMUM NUMBER OF EXITS (1015):	
ITY GUIDELINES		ACTUAL NUMBER OF EXITS:	
		ACTUAL WIDTH OF EXITS:	I
		ALLOWABLE TRAVEL DISTANCE (1016.2):	4
ALL BUILDING)		CORRIDOR CONSTRUCTION (1018.1):	1
(302.1):	S-1	MINIMUM CORRIDOR WIDTH (1018.2):	·
,		MAXIMUM DEAD END CORRIDOR (1018.4):	
NT SPACE)		,	
(302.1):	S-I	PLUMBING FIXTURE COUNTS	
S (508.2.1):	В	REQUIRED FIXTURES S-I (50 / 50 SPLIT MEN/WOMEN)	
O USES (508.3.2):	N/A	MEN-42 OCCUPANTS	
5 (508.3.3):	N/A	TOILETS	
		LAVATORIES	
LER SYSTEM		WOMEN-42 OCCUPANTS	
EM REQUIRED (903):	YES	TOILETS	
EM PROVIDED:	YES	LAVATORIES	
		SERVICE SINKS	
NG HEIGHT		DRINKING FOUNTAINS	
T (503):	2 STORY		
		REQUIRED FIXTURES B (50 / 50 SPLIT MEN/WOMEN)	
NG AREA		MEN-18 OCCUPANTS	
(503):	17,500 SF	TOILETS	
		LAVATORIES	
REASE		WOMEN-18 OCCUPANTS	
PRINKLERED BUILDING (506.3):	300%	TOILETS	
A (507):	UNLIMITED	LAVATORIES	
REASE (506.2):	N/A	SERVICE SINKS	
(5) x W / 30		DRINKING FOUNTAINS	
BLE AREA WITH INCREASES:	UNLIMITED		
$\times$ lf) + (At $\times$ ls)		PROVIDED FIXTURES	
		MEN	
		TOILETS	
IEIGHT AND AREA		URINAL	
	131,615 SF	LAVATORIES	
HT (FEET / # FLOORS):	42' / I FLR	WOMEN	
	45,438 SF	TOILETS	
		LAVATORIES	
T LOAD (1004.1.2)		SERVICE SINKS	
ORAGE: 41,934/500	84	DRINKING FOUNTAINS	
)	36		
PANTS	120		



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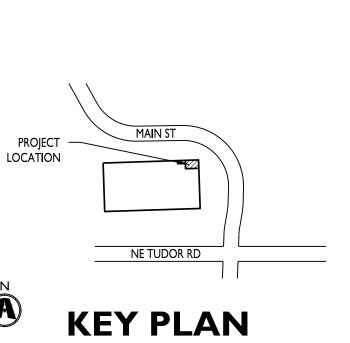
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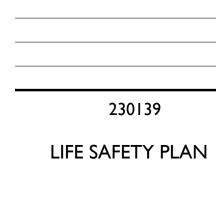
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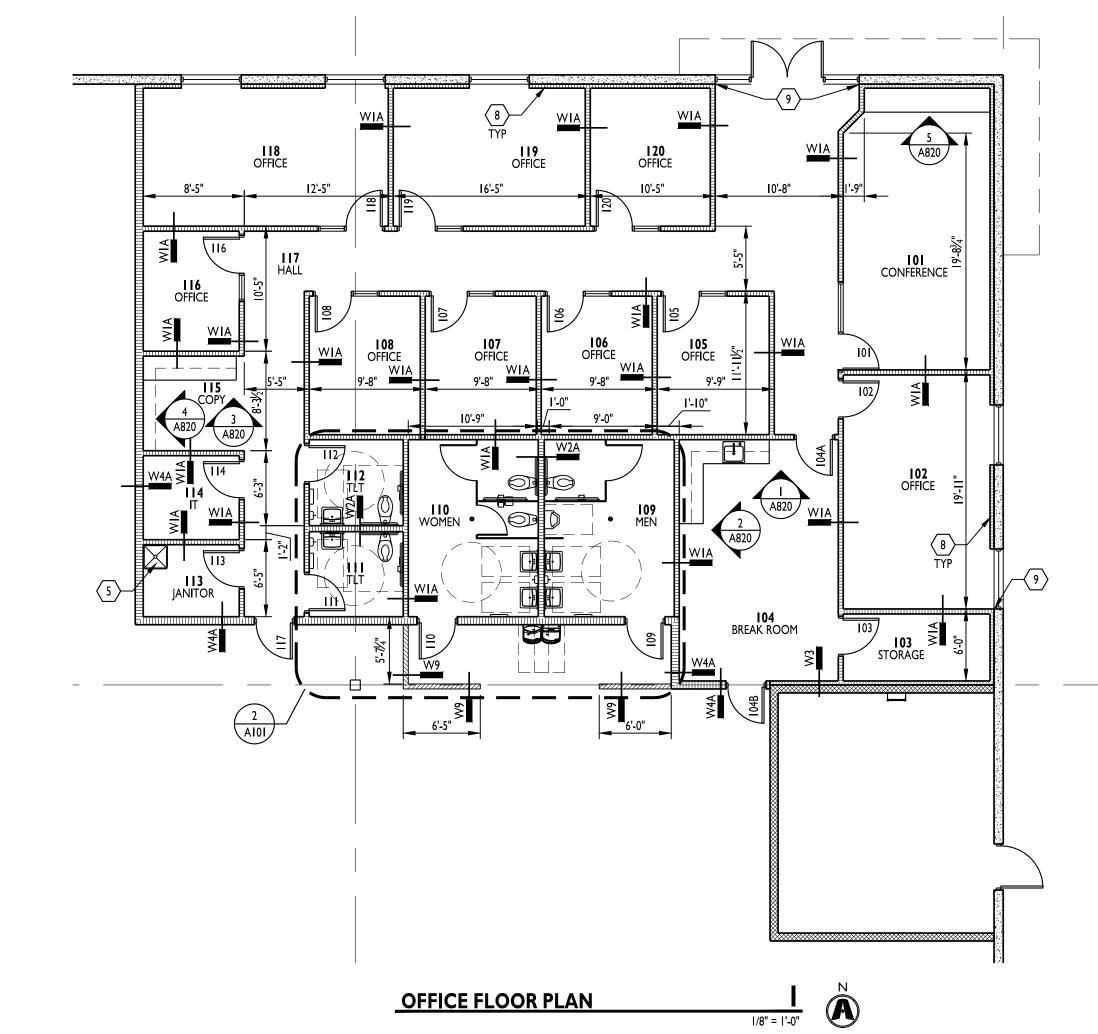
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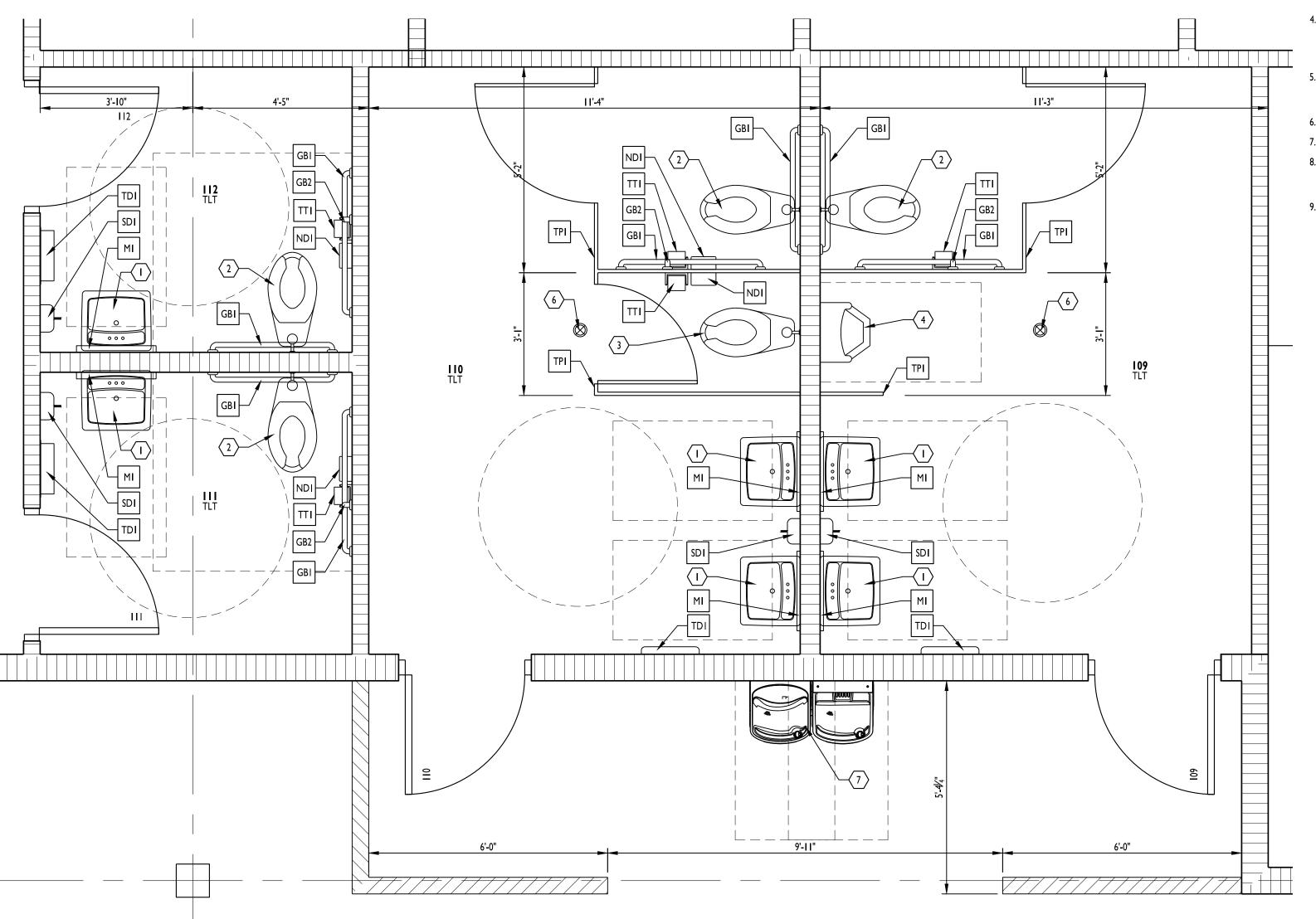
PERMIT SET





TOILET ACCESSORY SCHEDULE							
MARK	SYMBOL	MFR#	DESCRIPTION				
TTI		BOBRICK B-2888	MULTI-ROLL TOILET TISSUE DISPENSER				
GBI		BOBRICK B-5806 X 36 B-5806 X 42	36" AND 42" GRAB BARS				
GB2	Œ	BOBRICK B-5806 X 18	18" VERTICAL GRAB BAR				
MI		BOBRICK B-165	MIRROR 2'-0" X 4'-0"				
TDI		BOBRICK B-3944	TOWEL DISPENSER / WASTE RECEPTACLE				
SDI	<u></u>	BOBRICK B-2112	SOAP DISPENSER				
NDI		BOBRICK B-353 B-270	B-353: SANITARY NAPKIN DISPOSAL UNIT AT GWB LOCATIONS. B-270: SURFACE, MOUNT SANITARY NAPKIN DISPOSAL UNIT AT PARTITIONS				
ТРІ		GENERAL PARTITION	TOILET PARTITION AND/OR URINAL SCREEN STAINLESS STEEL URINAL SCREEN BOTTOM 12" FROM FLOOR AND TOP 60" MAX FROM FLOOR				





**ENLARGED RESTROOM PLAN** 

## **GENERAL NOTES**

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS AND JOB CONDITIONS. ANY DEVIATION FROM WHAT IS NOTED IN DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- B. ALL DIMENSIONS SHOWN ARE FACE OF BRICK, MASONRY OR METAL STUD FRAMING, UNLESS OTHERWISE NOTED.
- C. PROVIDE DEEP LEG DEFLECTION TRACK AT ALL METAL STUD
- CONNECTIONS WITH STRUCTURE ABOVE, TYPICAL. D. PROVIDE FIRE RATED WOOD BLOCKING IN METAL STUD WALLS FOR ANY WALL SUPPORTED ITEMS.
- E. PROVIDE APPROVED FIRE RATED STOPPING MATERIALS IN ANY

OPENINGS IN FIRE RATED ASSEMBLIES.

- F. REFER TO DOOR AND WINDOW SCHEDULES FOR ALL MATERIALS,
- FINISHES, AND HARDWARE INFORMATION. G. REFER TO EXTERIOR ELEVATIONS FOR ALL BRICK, MASONRY, AND
- OTHER EXPANSION JOINT LOCATIONS. H. ALL MATERIALS LOCATED IN CEILING PLENUM SHALL BE RATED FOR SUCH INSTALLATION OR PROTECTED TO PROVIDE COMPLIANCE. THIS INCLUDES BUT IS NOT LIMITED TO INSULATION (FHC 25/50) POWER AND LOW VOLTAGE WIRING,

TELECOMMUNICATIONS CABLING, PLUMBING SUPPLY AND DRAIN LINES AND SUPPORTING BRACKETS AND/OR BLOCKING FOR

- CEILING HUNG ITEMS. I. PRIOR TO ORDERING ANY PRODUCTS, CONTRACTOR SHALL SUBMIT SAMPLES TO THE ARCHITECT OF ALL FINISH MATERIALS TO BE USED ON THE PROJECT. THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR ANY MATERIALS ORDERED INCORRECTLY WHEN THAT MATERIAL WAS NOT REVIEWED BY THE ARCHITECT.
- PROVIDE CONCRETE FILLED STEEL PIPE BOLLARDS AT ALL REQUIRED UTILITY EQUIPMENT LOCATIONS SUCH AS GAS METERS. ELECTRICAL TRANSFORMER PANELS, ETC., COORDINATE WITH UTILITY COMPANY AND CONTRACTORS, WHEN APPLICABLE, FOR NECESSARY LOCATIONS. REFER TO CIVIL DRAWINGS FOR BOLLARD SPECIFICATIONS AND ADDITIONAL INFORMATION.
- ALL DOORS, UNLESS OTHERWISE NOTED, TO HAVE HINGE SIDE SET 4" FROM CORNER SHOWN TO OUTSIDE OF FRAME.
- L. UNLESS SPECIFIED ELSEWHERE, ALL INTERIOR SLABS AND SLAB INFILLS TO BE FF-50/FL-35 OVERALL AND FF-35/FL-25 LOCAL.
- M. ALL EXIT DOORS TO HAVE TACTILE EXIT SIGNAGE PER 703.4 OF THE ANSI 117.1 2009

## **KEYED NOTES**

- ADA COMPLIANT WALL MOUNTED LAVATORY. PROVIDE SCALD GUARDS ON SUPPLY/WASTE LINE. REFER TO PLUMBING DWGS. SEE TYPICAL ACCESSIBILITY DETAILS FOR ACCESSIBLE MOUNTING
- 2. ADA COMPLIANT FLOOR MOUNT TOILET W/ FLUSH VALVE CONTROLS. REFER TO PLUMBING DWGS. SEE TYPICAL ACCESSIBILITY DETAILS FOR ACCESSIBLE MOUNTING INFORMATION.
- 3. STANDARD HEIGHT FLOOR MOUNT TOILET W/ FLUSH VALVE CONTROLS. CENTER IN WIDTH OF STALL.
- ADA COMPLIANT WALL MOUNTED URINAL W/ FLUSH VALVE CONTROL. CENTER IN WIDTH OF STALL. REFER TO PLUMBING DRAWINGS. SEE TYPICAL ACCESSIBILITY DETAILS FOR ACCESSIBLE MOUNTING INFORMATION.
- FIBERGLASS MOP SINK W/ WALL MOUNT FAUCET. PROVIDE FRP ON WALLS BEHIND SINK TO 48" AFF. EXTEND MIN. 2' PAST SINK
- FLOOR DRAIN
- 7. ADA COMPLIANT HI-LOW WATER COOLER.
- 8. FURR OUT WALL WITH 3 5/8" METAL STUDS W/ R-11 BATT INSULATION. COVER W/ VAPOR BARRIER AND 5/8" GYP BD. EXTEND TO MIN. 4" ABOVE CEILING LINE.
- 9. ALIGN W/ EDGE OF MULLION.



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PROJECT LOCATION	MAIN ST  NE TUDOR RD
. 1	NE TUDOR RD
N .	

**KEY PLAN** 

FLOOR PLAN AIOI

230139

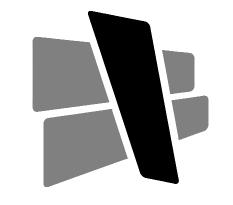
II8 OFFICE	I 19 OFFICE	I 20 OFFICE		
III7 HALL  III6  OFFICE  IIO8 OFFICE  COPY	107		05 FICE	CONFERENCE
I I 3  JANITOR  III	WOMEN	HO9 MEN	BREAK ROOM	IO2 OFFICE
		VIIIIIIIIII		STORAGE

## **CEILING LEGEND**

(NOT ALL MAY APPLY)







## ARCHITECTURE

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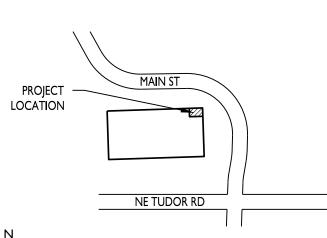
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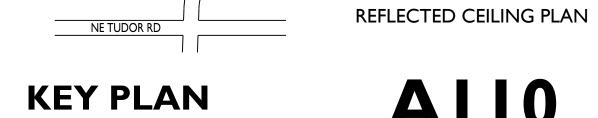
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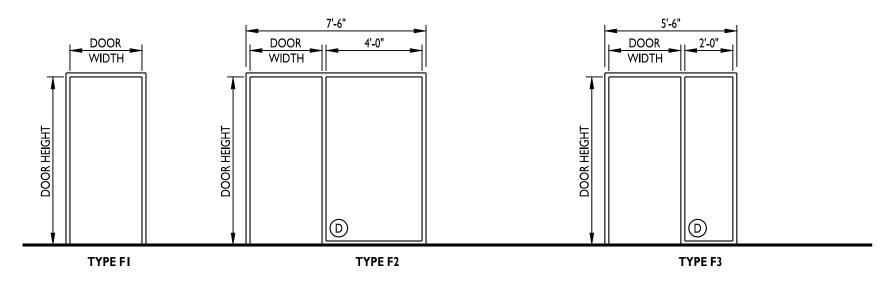






230139

					M	ATERI	ALS S	CHEDU	JLE		
MARK	MATERIAL	MAN	NUFACTURE	ER	COLOR	PATTERN	/ TEXTURE	NUMBE	R	REMARKS	MARK
SC-I	SEALED CONCRETE										101
B-I	WALL BASE										102
CPT-I	CARPET										103
T-I	WALL TILE										104A
T-2	FLOOR TILE										104B
P-I	PAINT										105
P-2	PAINT										106
P-3	PAINT										107
PL-I	PLASTIC LAMINATE										108
PL-2	PLASTIC LAMINATE										109
SS-I	SOLID SURFACE										110
ACT-I	ACOUSTIC CEILING TILE	<u> </u>									III
											112
		I		1	RO	OM FI	NISH	SCHED	ULE		113
ROOM#	ROOM NAME	FLOORING	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CABINETS / COUNTERTOPS	CEILING MAT	REMARKS	114
101	CONFERENCE	CPT-I	B-I	P-I	P-I	P-I	P-I		ACT-1 / 10-6		116
102	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	ACT-1 / 10-6		117
103	STORAGE	SC-I	B-I	P-I	P-I	P-I	P-I	-	ACT-1 / 9-0		118
104	BREAK ROOM	LVT-I	B-I	P-I	P-I	P-I	P-2	PL-I / SS-I	ACT-1 / 9-0		119
105	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	ACT-1 / 9-0		120
106	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	ACT-1 / 9-0		
107	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	ACT-1 / 9-0		
108	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	ACT-1 / 9-0		
109	MEN	T-2		T-I / P-I	T-I / P-I	T-I / P-I	T-I / P-I	-	ACT-1 / 9-0	T-I TO 60" AFF. PROVIDE SCHLUTER STRIP @ TOP OF TILE AND SCHLUTER SANITARY COVE @ FLOORLINE.	
110	WOMEN	T-2		T-I /	T-I /	T-I /	T-I /	-	ACT-I /	T-I TO 60" AFF. PROVIDE SCHLUTER STRIP @ TOP OF TILE AND SCHLUTER	
111	TLT	T-2		P-I T-I /	P-I T-I /	P-I T-I /	P-I T-I /	-	9-0 ACT-1 /	SANITARY COVE @ FLOORLINE.  T-I TO 60" AFF. PROVIDE SCHLUTER STRIP @ TOP OF TILE AND SCHLUTER	
				P-I T-I /	P-I T-I /	P-I T-I /	P-I T-I /		9-0 ACT-1 /	SANITARY COVE @ FLOORLINE.  T-I TO 60" AFF. PROVIDE SCHLUTER STRIP @ TOP OF TILE AND SCHLUTER	$\dashv$
112	TLT	T-2		P-I	P-I	P-I	P-I	-	9-0 ACT-1 /	SANITARY COVE @ FLOORLINE.	
113	JANITOR 	SC-I	B-I	P-I	P-I	P-I	P-I		9-0 ACT-1 /		
114	IΤ	SC-I	B-I	P-I	P-I	P-I	P-I	 PL-I /	9-0 ACT-1 /		
115	COPY	CPT-I	B-I	P-I	P-I	P-I	P-I	PL-1 / PL-2	9-0 ACT-1 /		
116	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	9-0 ACT-1 /		
117	HALL	CPT-I	B-I	P-I	P-I	P-I	P-I	-	9-0 ACT-1 /		
118	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	10-6 ACT-1 /		_
119	OFFICE	CPT-I	B-I	P-I	P-I	P-3	P-I	-	10-6		
120	OFFICE	CDT I	В	n.	l	l	D 1		ACT-I /		



P-3

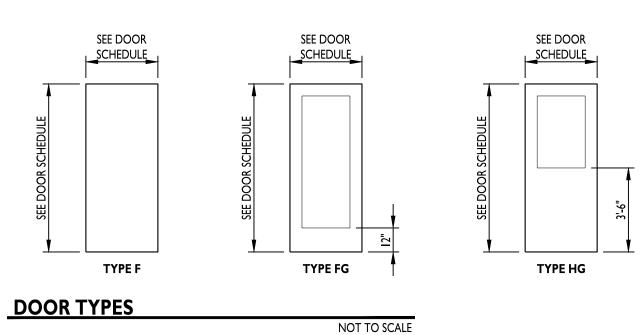
P-I

P-I

**DOOR FRAME TYPES** 

CPT-I

NOT TO SCALE



DOOR HARDWARE						
HARDWARE SET #01	HARDWARE SET #03	HARDWARE SET #05	HARDWARE SET #07			
3 HINGES	3 HINGES	3 HINGES	3 HINGES			
I CLASSROOM LOCKSET	I PASSAGE SET	I PASSAGE SET	I CLASSROOM LOCKSET			
3 MUTES	3 MUTES	3 MUTES	3 MUTES			
I CLOSER	I CLOSER	I DOOR STOP	I DOOR STOP			
I DOOR STOP	I DOOR STOP					

**DOOR SCHEDULE** 

RATING

FRAME

MATERIAL

WELDED

FINISH

PAINT

RATING

HARDWARE

07

03

05

05

06

02

05

05

REMARKS

HA	ARDWARE SET #02
3	HINGES
I	PRIVACY LOCKSET
I	CLOSER
3	MUTES
ı	DOOR STOP

DOOR

SIZE

3-0X7-0

MATERIAL

SCWD

GLAZING

FINISH

UNFIN

<u>H</u>	HARDWARE SET #04						
3	HINGES						
1	STOREROOM LOCK SET						
1	ELECTRIC STRIKE						
3	MUTES						
1	CLOSER						
1	DOOR STOP						

## **HARDWARE SET #06** 3 HINGES I PUSH PULL I CLOSER I KICKPLATE I DOOR STOP

HARDWARE SET #08

6 HINGES

2 MUTES

2 CLOSERS

2 FLOOR STOPS

2 PUSH PULLS

## GENERAL DOOR AND GLAZING NOTES ALL PRE-FINISHED WOOD DOORS SHALL BE SOLID CORE WITH

- WOOD VENEER, MARSHFIELD OR EQUIVALENT. PROVIDE FINISH SAMPLE AND DOOR CONSTRUCTION DIAGRAM FOR APPROVAL AND HARDWARE BLOCKING COORDINATION. VENEER TO BE WHITE BIRCH OR MAPLE, FREE OF DARK GRAINS UNLESS OTHERWISE NOTED.
- WOOD DOORS SHALL ONLY BE INSTALLED IN CONDITIONED
- ALL HARDWARE TO BE MINIMUM 6 PIN BEST COMPATIBLE SYSTEM. COORDINATE KEYING WITH OWNER.
- D. TEMPERED AND ANNEALED GLASS TO BE CLEANED PER MANUFACTURER REQUIREMENTS. NYLON CLOTH METHODS PREFERRED. DO NOT USE RAZOR BLADES ON GLASS.
- GLASS AROUND DOORS AND IN DOORS SHALL BE TEMPERED UNLESS OTHERWISE NOTED IN ELEVATIONS.
- ANY RATED DOORS TO HAVE LABEL INSTALLED IN JAMB. ALL EXITS DOORS TO HAVE TACTILE EXIT SIGNAGE PER 703.4 OF THE ANSI 117.1 2009.
- INSTALL OWNER PROVIDED ADA COMPLIANT RESTROOM SIGNAGE, VERIFY WITH ARCHITECT.

## **GLAZING TYPES**

- SECTION OF GLAZING REQUIRED TO BE I" INSULATED GREY TINTED GLASS.
- SECTION OF GLAZING REQUIRED TO BE I" INSULATED TEMPERED
- C. SECTION OF GLAZING REQUIRED TO BE 1/4" GLASS.
- D. SECTION OF GLAZING REQUIRED TO BE 1/4" TEMPERED GLASS. SECTION OF GLAZING REQUIRED TO BE I" INSULATED TEMPERED GREY TINTED SPANDREL GLASS.

EXTERIOR GLAZING MUST MEET THE FOLLOWING SPECIFICATIONS FOR ENERGY CODE COMPLIANCE:

LOW "E" COATING "U" VALUE - MINIMUM OF 0.28 "SHGC" VALUE - MAXIMUM OF 0.47

## **GENERAL FINISH NOTES**

- A. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS INSPECTED AND ACCEPTED THE SUBSTRATE FOR RECEIVING THE WORK. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, UNKNOWN CONDITIONS OR UNSATISFACTORY SUBSTRATE ONCE THE FINISH WORK HAS PROCEEDED.
- B. USE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- C. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF A SPECIFIED FINISH ITEM BECOMES UNAVAILABLE.
- D. CONTRACTOR TO SUBMIT SHOP DRAWINGS, FLOORING TRANSITION/GRAPHIC LOCATIONS AND SUBMITTALS OF ALL INTERIOR ITEMS AND FINISH MATERIALS TO ARCHITECT REVIEW PRIOR TO PLACING ANY MATERIAL ORDERS. CONTRACTOR MUST ACCOUNT FOR SUBMITTAL REVIEW, ORDERING AND DELIVERY WHEN SCHEDULING PRODUCT INSTALLATION.
- E. USE SUBFLOOR REDUCER STRIPS (UNDER FLOORING) TO LEVEL
- MATERIALS OF UNEQUAL HEIGHTS. F. PROVIDE IOHNSONITE SLIM-LINE TRANSITION STRIPS WHERE FLOORING MATERIALS OF UNEQUAL THICKNESS MEET. TRANSITION STRIPS AT DOORS TO BE LOCATED UNDER THE CENTERLINE OF THE DOOR IN CLOSED POSITION. COLOR OF TRANSITION STRIPS TO BE SELECTED BY ARCHITECT.
- G. ALL WALL TILE TO BE INSTALLED TO FLOOR WITH NO BASE UNLESS NOTED OTHERWISE.
- H. ANY GRILLES, FIRE EXTINGUISHER CABINETS, ETC., TO BE PAINTED TO MATCH WALL COLOR ON WHICH THEY OCCUR.
- I. PROVIDE OWNER WITH A MINIMUM OF ONE FULL BOX OR 2% OF EACH FINISH PRODUCT/MATERIAL SPECIFIED ON THE PROJECT.
- ALL WOODWORK/MILLWORK SHALL CONFORM TO THE QUALITY STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE (AWI) PREMIUM GRADE. FABRICATOR SHALL BE FAMILIAR WITH AWI STANDARDS.
- K. FABRICATE WOODWORK/MILLWORK ITEMS TO ACTUAL FIELD DIMENSIONS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, SAMPLES, AND/OR MATERIAL LITERATURE FOR ALL ITEMS. SHOP DRAWINGS SHALL SHOW SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH THE QUALITY STANDARDS AND DESIGN INTENT.
- L. PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR WOODWORK AND FINISH ITEMS. COORDINATE LOCATION OF BLOCKING WITHIN WALLS FOR ITEMS TO BE SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.
- M. FINISH ALL SIDES AND BACK OF MILLWORK/CASEWORK.
- N. ALL COUNTERTOPS TO BE I  $\frac{1}{2}$ " THICK WITH A SQUARE EDGE, UNLESS OTHERWISE NOTED. PROVIDE COUNTER SUPPORTS AS REQUIRED.
- O. PROVIDE GROMMETS IN COUNTERTOPS ABOVE RECEPTACLES. COLOR TO MATCH COUNTER SURFACE. COORDINATE WITH OWNER AND ARCHITECT ON FINAL LOCATION AND SIZE OF GROMMETS BEFORE INSTALLATION.
- P. REFER TO FINISH SCHEDULE, INTERIOR ELEVATIONS AND SPECIFICATIONS FOR ALL MATERIAL INFORMATION AND LOCATIONS.



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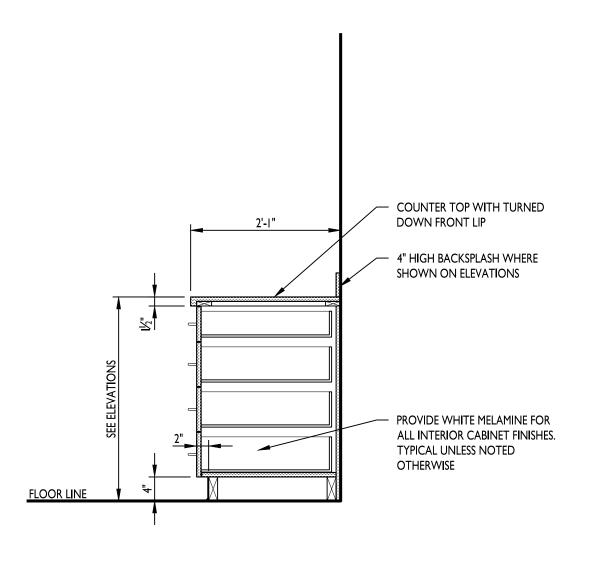
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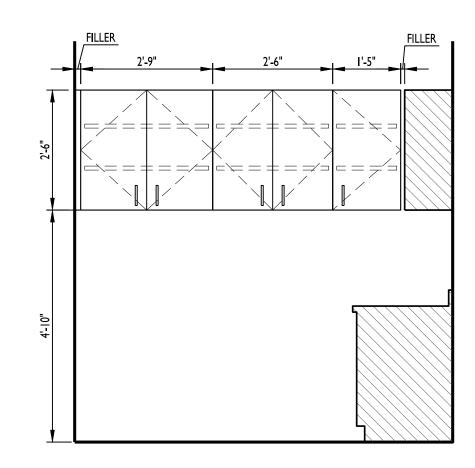
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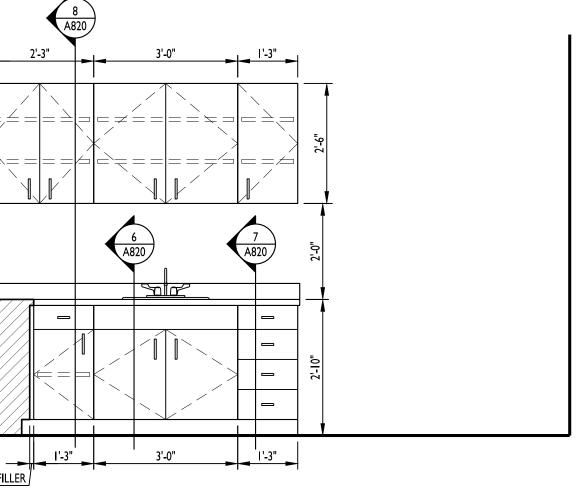
DOOR AND FINISH **SCHEDULE** 

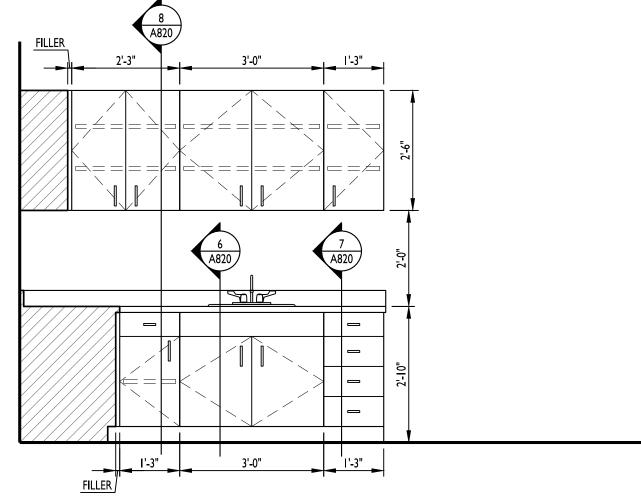


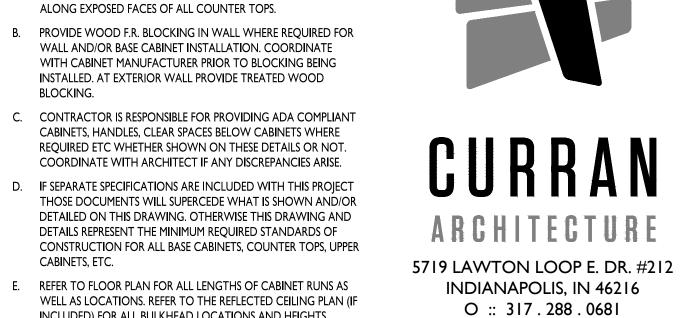
**ELEVATION** 



**ELEVATION** 







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E. REFER TO FLOOR PLAN FOR ALL LENGTHS OF CABINET RUNS AS WELL AS LOCATIONS. REFER TO THE REFLECTED CEILING PLAN (IF INCLUDED) FOR ALL BULKHEAD LOCATIONS AND HEIGHTS. F. CASEWORK INSTALLER IS RESPONSIBLE FOR COORDINATING

CABINETS, ETC.

**CASEWORK** 

**GENERAL NOTES** 

A. UNLESS SPECIFICALLY OTHERWISE NOTED, PROVIDE SELF EDGE

INSTALLATION OF ALL DIVISION 22 AND DIVISION 26 ITEMS (INCLUDING CUT OUTS) IN CASEWORK OR COUNTERTOPS. LOCATIONS AND CUT OUT COORDINATION ALSO REQUIRED FOR RECEPTACLES (DIVISION 26) IN MICROWAVE WALL CABINETS. DISHWASHER LOCATIONS, GARBAGE DISPOSAL LOCATIONS, ETC.

G. PROVIDE FINISHED ENDS ON CABINETS WHERE END OF CABINET IS EXPOSED BEYOND WALL LINE, UNDER COUNTER, AT KNEE SPACE AND AT ALL SIMILAR EXPOSED AREAS.

H. UNLESS NOTED OTHERWISE PROVIDE EQUAL WIDTH FILLER/SCRIBE BETWEEN WALL AND CASEWORK AT ALL LOCATIONS WHERE NONE IS SHOWN. MAXIMUM WIDTH IS TO BE

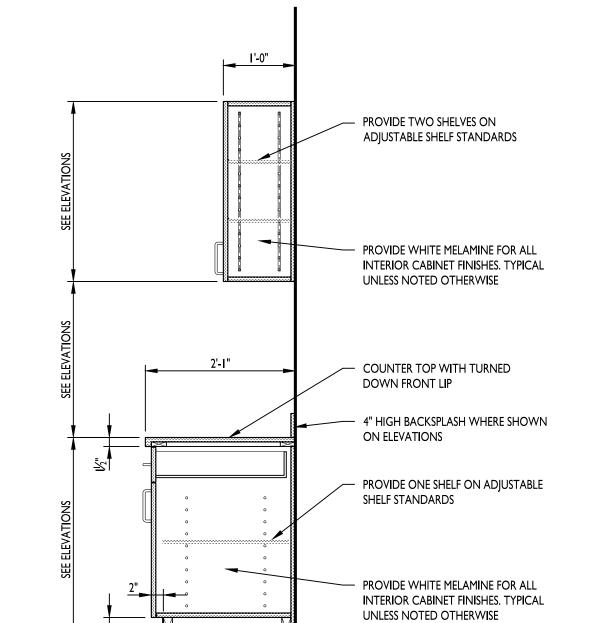
I. CONTRACTOR SHALL FIELD VERIFY AND CHECK ALL CONDITIONS, LOCATIONS AND DIMENSIONS PRIOR TO STARTING ANY WORK. REPORT ANY DISCREPANCIES TO ARCHITECT.

ANY AND ALL PARTS OF ANY CABINETS OR COUNTERS THAT ARE VISIBLE MUST BE FINISHED WITH MATERIAL TO MATCH ADJACENT FINISHES. NOTIFY AND COORDINATE WITH ARCHITECT IF AREAS OF UNSPECIFIED FINISHES EXIST.

K. UNLESS NOTED OTHERWISE REFER TO ROOM FINISH SCHEDULE FOR ALL CABINET FINISHES AND MATERIALS AS WELL AS ALL OTHER ASSOCIATED, MISCELLANEOUS FINISH REQUIREMENTS. UNLESS NOTED OTHERWISE ALL INTERIOR COMPONENTS TO BE WHITE MELAMINE.

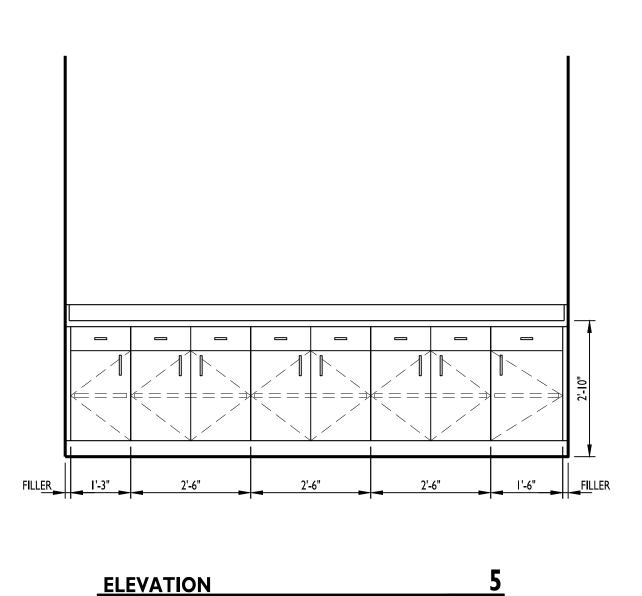
L. EASE ALL EXPOSED OUTSIDE EDGES AT ALL COMPONENTS FOR ITEMS SHOWN ON THIS SHEET.

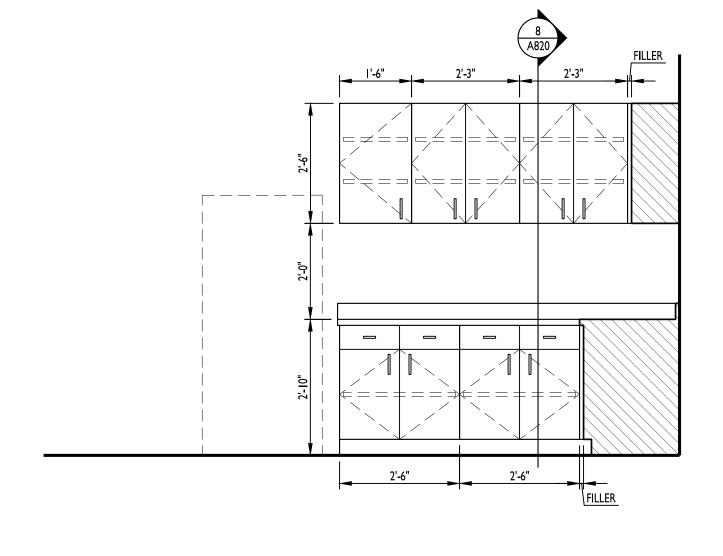
M. REFER TO ROOM FINISH SCHEDULE FOR ALL WALL BASE REQUIREMENTS.



FLOOR LINE

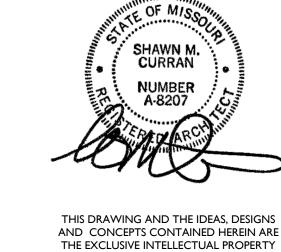
**ELEVATION** 





**ELEVATION** 

**ELEVATION** 



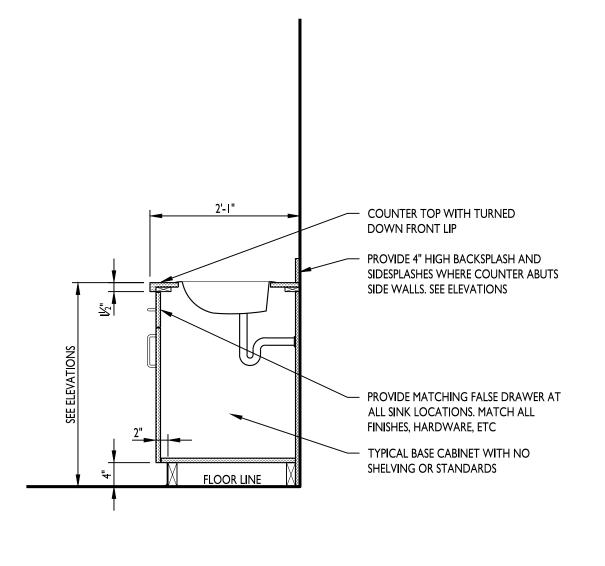
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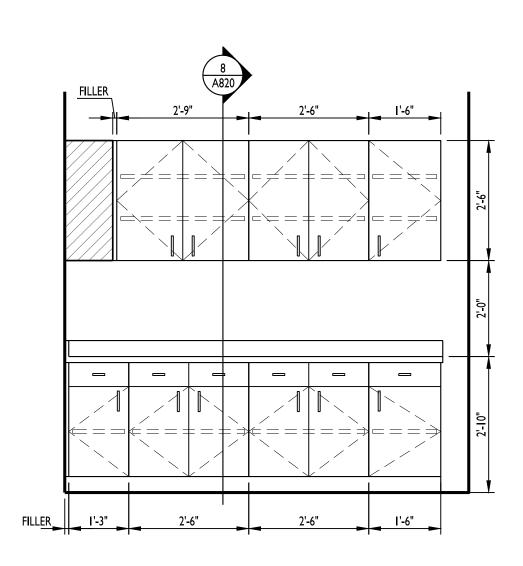
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ELEVATION	3
	1/2" = 1'-0"

**ELEVATION** 

15	SUE D	ATES	
PERMIT SET			08.
	23013	20	

CASEWORK ELEVATIONS