## WIHi Science Lab Remodel

## Washtenaw Intermediate School District

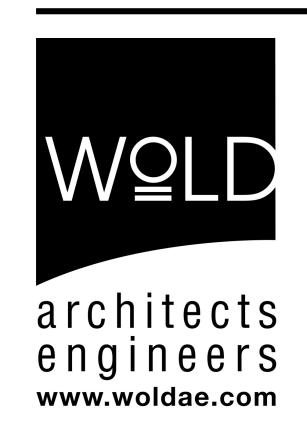
Ann Arbor, Michigan

MI

WIHi Science Lab Remodel

510 Emerick St Ypsilanti, MI 481

Washtenaw Intermed School District 1819 South Wagner Ann Arbor, Michigan 48106



333 West Seventh Street
Three Hundred Twenty
Poyal Oak MI 48067

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**ARCHITECTURAL** 

MAIN LEVEL FLOOR PLAN

CODE PLAN, WALL TYPES, ABBREVIATIONS, SYMBOLS, SCHEDULES

INTERIOR / EXTERIOR ELEVATIONS, SECTIONS AND DETAILS

STRUCTURAL

PLANS, DETAILS AND NOTES

**MECHANICAL** 

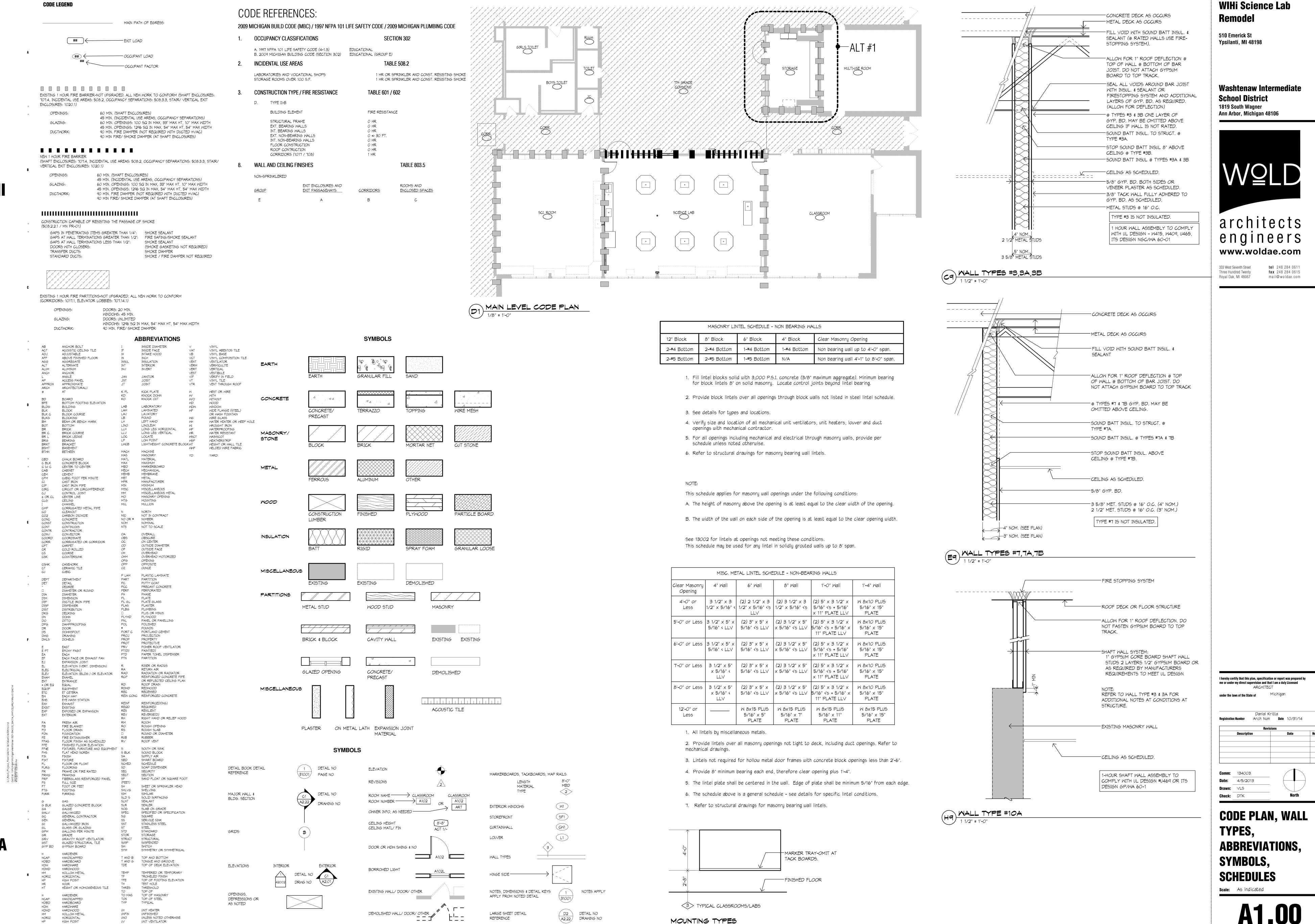
**ELECTRICAL** 

MO.1 UNDERGROUND & MAIN LEVEL MECHANICAL DEMOLITION PLANS
M1.1 UNDERGROUND & MAIN LEVEL MECHANICAL NEW WORK PLANS

MECHANICAL SCHEDULES AND DETAILS

E1.00 ELECTRICAL PLANS

et No: \_\_\_\_ omm No: 134003



MOUNTING TYPES

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UNIT VENTILATOR

HANDRAIL OR HOUR

HYDRANT

HEIGHT OR HOMOGENEOUS TILE

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**ROOF PLAN KEY NOTES:** 

STRUCTURAL

PAINTED.

MECH HOOD

EQUIPMENT CURB AT

ROOF EXHAUST (EF)

MECHANICAL EQUIPMENT

EQUIPMENT CURB SUPPORTING

PIPING OR CONDUIT. INSTALL

MAX. SPACING OF 6'-0" O.C.

VENT STACK, PIPE OR CONDUIT

CRICKET FOR POSITIVE

SLOPE OF 1/8" TAPERED

DIAMOND CRICKET (SEE

TYPICAL DETAIL)

SLOPED STRUCTURE

DRAINAGE

INSULATION

(3) PATCH EXISTING ROOF PENETRATION - SEE

1. AT MECH. OPENINGS AND CURBS ON ROOF,

PROVIDE CRICKETS AS REQUIRED FOR

POSITIVE DRAINAGE OR CUT OPENINGS IN

FREE-STANDING CURBS AS AN ALTERNATIVE

2. MECHANICAL ITEM LOCATIONS ARE SHOWN FOR

FOR EXTENT OF MECH. EQUIP. AND SIZE AND

LOCATION OF ALL ROOF PENETRATIONS.

3. ALL MECHANICAL AND ELECTRICAL ROOFTOP

EQUIPMENT, PIPING, CONDUIT, ETC. TO BE

4. PROVIDE CURBS FOR ALL ROOF MOUNTED

EQUIPMENT. PROVIDE CUTS TO ENSURE

POSITIVE DRAINAGE. VERIFY SIZE AND

PENETRATIONS OF VENTS THROUGH ROOF.

7. CONTRACTOR IS TO VERIFY SIZES FOR ROOF

(2) PATCH MASONRY AS REQUIRED DUE TO

INSTALLATION OF NEW LINTEL.

DRAWINGS. PAINT COLUMN, PT-4.

(6) NEW SHAFT WALL INFILL @ CLASSROOM

(7) PROVIDE NEW DOOR / WINDOW AT EXISTING

OPENING. FIELD MEASURE EXISTING OPENING.

(8) INSTALL NEW VCT AND VINYL BASE TO EXTENTS

(10) STANDING HEIGHT SCIENCE LABRATORY STATIONS

MECHANICAL, ELECTRICAL AND SPECIFICATION

LOCATION. SEE MECHANICAL AND ELECTRICAL

(13) INSTALL SALVAGED EYE WASH AT THIS LOCATION.

SEE MECHANICAL FOR ADDITIONAL INFORMATION.

SECTION 12 32 17 FOR ADDITIONAL INFORMATION.

WITH EPOXY TOP AND OPEN PEDESTAL. SEE

(11) REINSTALL SALVAGED FUME HOOD AT THIS

(12) INSTALL GOGGLE CABINET AT THIS LOCATION

(14) SMARTBOARD TO BE INSTALLED BY OWNER

A. ABBREVIATIONS, MATERIAL SYMBOLS

F. MARKER BD TYPES AND MOUNTING HTS

REFERENCE ONLY, AND ARE NOT EXCLUSIVE TO AREAS OF WORK. ALL DETAILS SHALL BE

THE ABOVE SECTIONS ARE LISTED FOR

FACE OF WALL. WALL THICKNESSES ARE

SHOWN NOMINAL, SEE WALL TYPES FOR

REVIEWED FOR SCOPE OF WORK.

FOR ADDITIONAL INFORMATION.

**FLOOR PLAN GENERAL NOTES:** 

1. REFER TO DRAWING A1.00 FOR:

B. MOUNTING HEIGHTS

C. LINTEL SCHEDULE E. WALL TYPES

ACTUAL THICKNESS.

UNLESS OTHERWISE NOTED.

SEE DEMOLITION PLANS.

(9) INSTALL SALVAGED CASEWORK

(1) PATCH CONCRETE FLOOR SLAB, PREPARE FOR

FINISH MATERIAL - SEE SCHEDULE FOR FINISH

(3) NEW STRUCTURAL COLUMN, SHEATH IN SALVAGED

(4) NEW STRUCTURAL COLUMN, SEE STRUCTURAL

ALUMINUM FROM WINDOW SYSTEM. FINISH JOINTS

CLERESTORY WINDOW REMOVAL, SEE DRAWING

H9/A1.00. FOR APPROXIMATE INFILL DIMENSIONS

6. REFER TO DETAIL H5/A2.01 FOR ROOF

5. REFER TO DETAIL H3/A2.01 FOR

PENETRATION PATCHES.

FLOOR PLAN KEY NOTES:

WITH SEALANT.

(5) NOTE NOT USED

SHOWN.

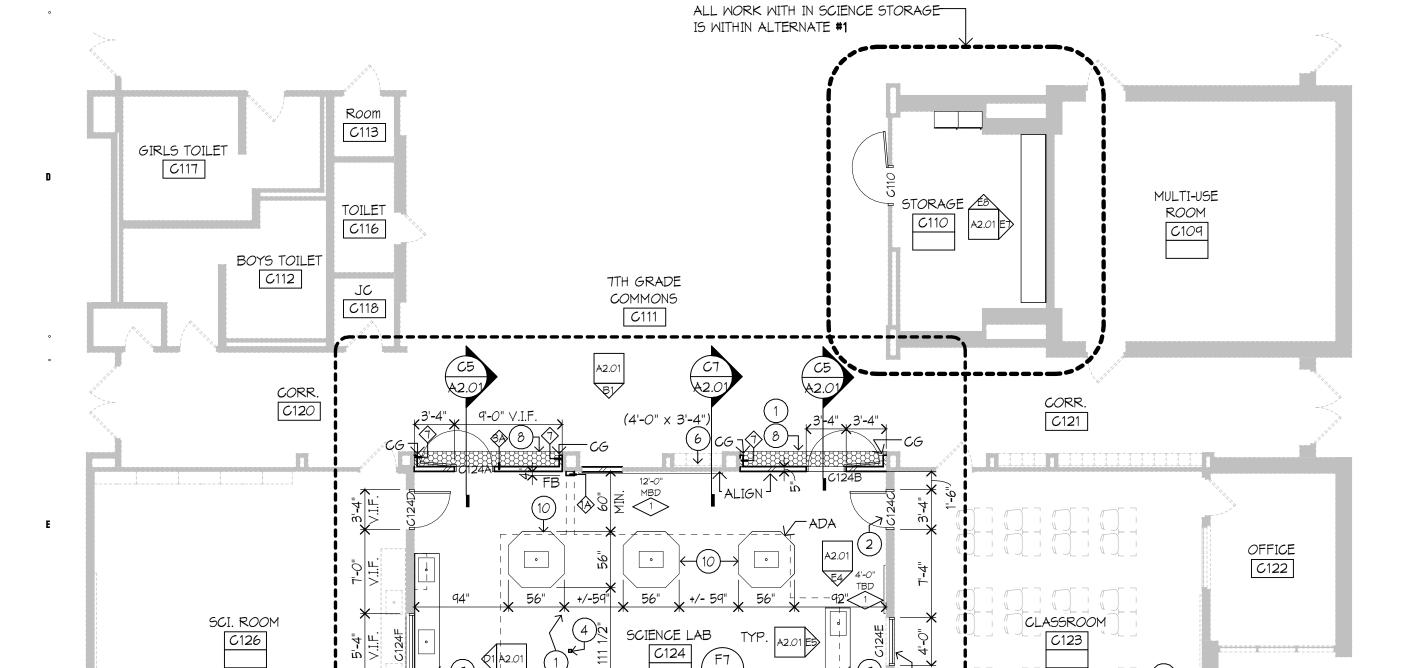
LOCATION WITH MECHANICAL AND ELECTRICAL.

REFERENCE ONLY. REFER TO MECH. DRAWINGS

**ROOF PLAN GENERAL NOTES** 

(4) PROVIDE WALK MATT AS SHOWN, COORDINATE EXACT LOCATIONS WITH ERU ACCESS POINTS

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MAIN LEVEL FLOOR PLAN - AREA 'A'

## **DOOR SCHEDULE GENERAL NOTES**

ROOF PLAN

1/8" = 1'-0"

- 1. \_\_ ALL DOORS ARE 1 3/4" THICK UNLESS OTHERWISE NOTED.
- 2. \_\_ FOR FRAME DEPTH, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED: GYPSUM BOARD PARTITIONS: THROAT OF FRAME TO MATCH WALL THICKNESS. MASONRY PARTITIONS:
- 4" WALL: 3 3/4" FRAME
- 6" WALL: 5 3/4" FRAME 8" AND GREATER WALL: 7 3/4" FRAME
- FRAME DEPTHS ARE SCHEDULED IN NOMINAL DIMENSIONS. SEE FRAME/ DOOR TYPES (DETAIL SECTION 52000) FOR CORRESPONDING ACTUAL DIMENSIONS.
- FOR GLASS TYPES, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED:
- CLEAR (SAFETY WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.)
- INTERIOR AND EXTERIOR RATED: FIRE RATED

INTERIOR NON RATED:

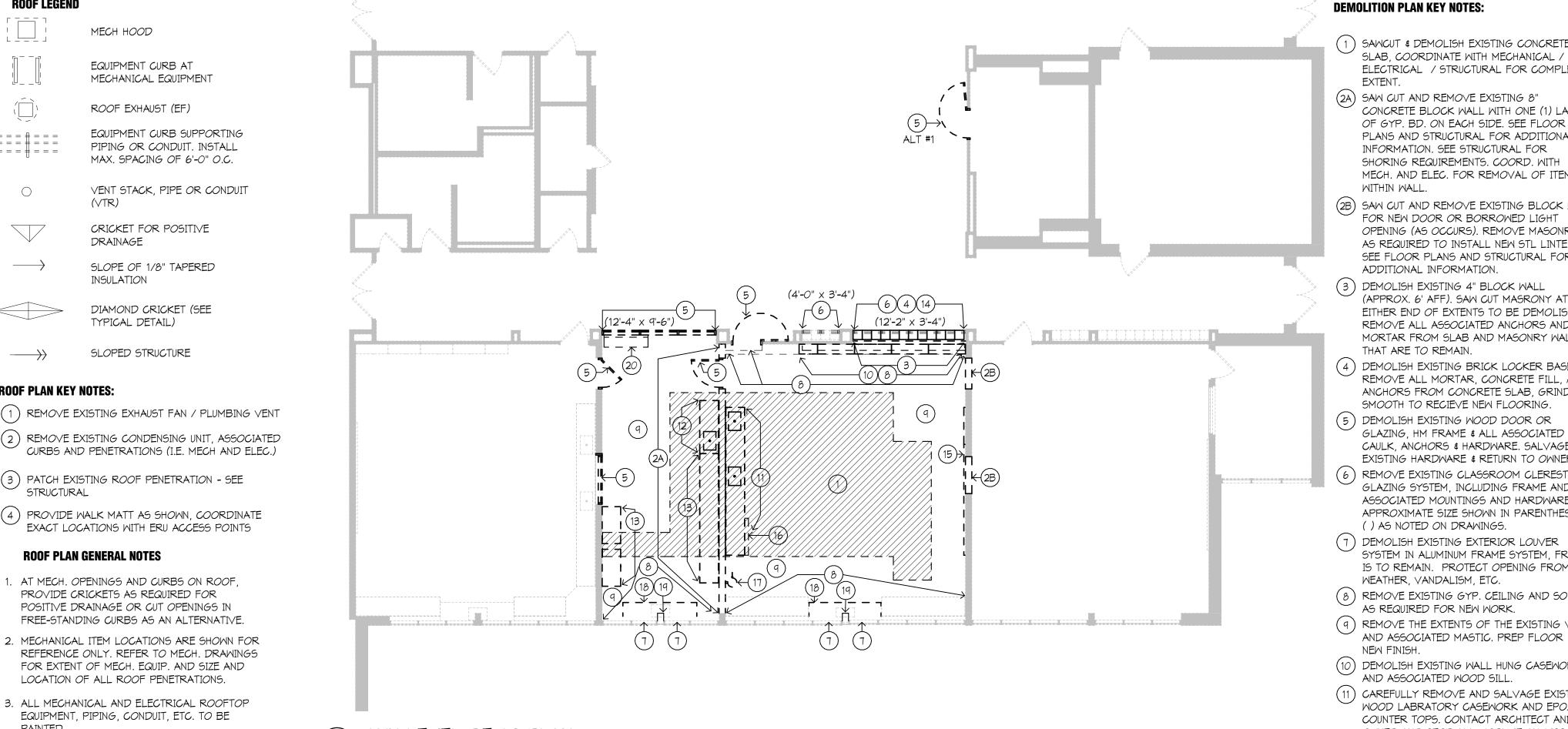
- EXTERIOR NON-RATED:
- CLEAR INSULATED (SAFETY INSULATED WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.) 6. SEE SCHEDULE FOR GLAZING RATINGS AT DOORS AND WINDOWS.

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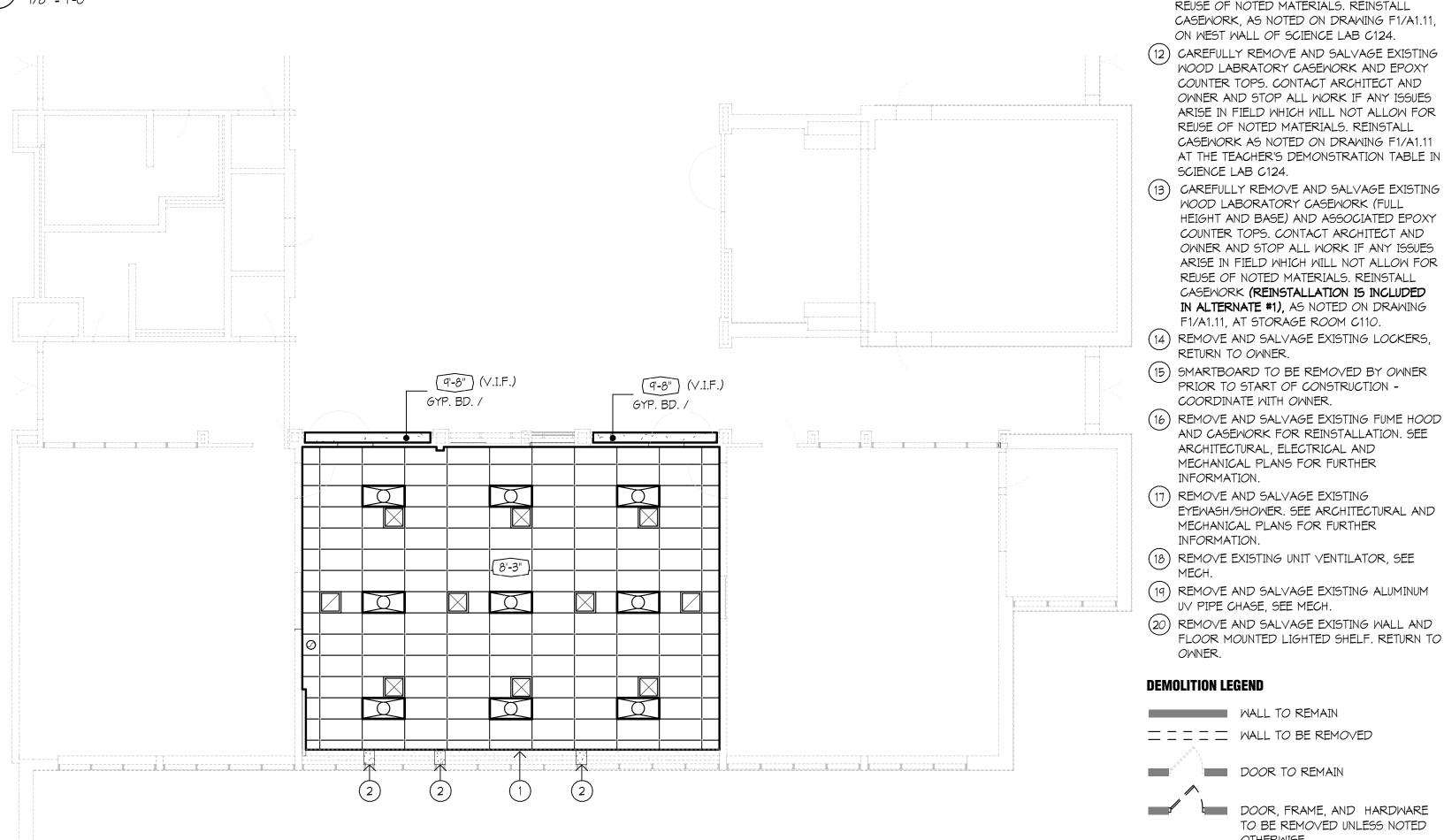
PAINT ANY NEW WORK.

ROOM				N WALL - TYF	7	E WALL		5 W	<del>N</del> LL	M MALL		
NO	ROOM NAME	FLOOR	BASE	MATL	FIN	MATL	FIN	MATL	FIN	MATL	FIN	REMARKS
C109	MULTI-USE ROOM											
<b>C</b> 110	STORAGE											1
C111	TTH GRADE COMMONS	EXIST/V CT	EXIST/ VINYL					GYP. BD.	PT.			1
	CORR.											
C121	CORR.											
C123	CLASSROOM									EXIST	PT	1
C124	SCIENCE LAB	VCT	VINYL	EXIST / GYP. BD.	PT / PT	EXIST	PT	EXIST / GYP. BD.	PT / PT	EXIST C.BLK.	PT	1
C126	SCI. ROOM					EXIST C.BLK.	PT				PT	1

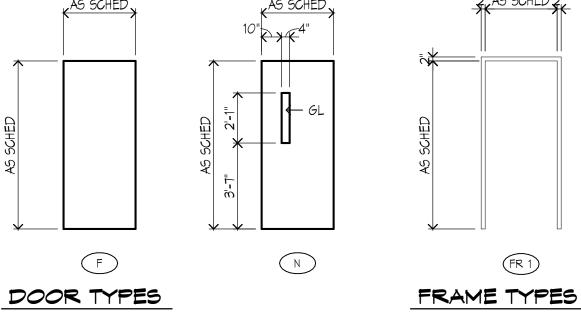
								D00R/	<b>OPENIN</b>	IG 50	HEDULE				
DOOR	DOOR / OPENING LA							FRAME			MOUNTING CONDITIONS			HDM	
NO	TYPE	QTY	MIDTH	HEIGHT	MATL	EL	TYPE	DEPTH	MATL	GL	HEAD	JAMB	SILL	GRP	REMARKS
				•											
<b>C</b> 110	F	1	3'-0"	7'-0"	MD		FR 1		H.M.					1	
C124A	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124B	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124C	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124D	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124E		1	4'-0"	4'-0"		60	FR 2		H.M.					1	
C124E	İ	1	E'_/"	4'-0"	1	40	ED 2	1	шм	İ				1	



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RCP LEGEND 10" X K 4"



MATERIAL FINISH/ COLOR SCHEDULE Prefinished Stained Wood Door Color: To match existing 08 40 00 Aluminum Entrances, Storefronts, and Curtain Walls Color: Clear Anodized Anodized Aluminum Insulated Panel 08 51 13 Aluminum Windows Color: To match sample supplied by Architect Sealant-Window 08 71 00 Finish Hardware US26D on steel Butt Hinges-Interior As specified Flush Bolts As specified US26D on brass or bronze As specified US26D on brass or bronze Pulls And Push Plates/ Bars US32D on stainless steel Spraved AL on cast iron or aluminum As specified Protective Plates US32D on stainless Steel As specified Overhead Stops

As specified

Sherwin Williams

US26D on brass, bronze, or steel

US26D on brass, bronze, or steel

Color to match:

09 91 00 Paint

09 65 00 Resilient Flooring VCT 4 10 11 00 Visual Display Boards

12 35 53 Wood Laboratory Casework

Armstrong Armstrong Armstrong Reducer/ Transition Strips Mercer PT 1-Ceilings and Soffits Sherwin Williams PT 2-Corridor Walls Sherwin Williams PT 3-Classroom/Lab Walls Sherwin Williams PT 4-Interior HM Doors/Exposed Structure Sherwin Williams PT 5-IExterior Misc. Metals, Mech. Piping, Sherwin Williams Anodized Aluminum Trim As specified

**Epoxy Resin Counter** 

As specified

Sherwin Williams

Color: Black

MATERIAL FINISH/ COLOR SCHEDULE Imperial texture #: To be selected by architect from manufacturer's standard line Imperial texture #: To be selected by architect from manufacturer's standard line Imperial texture #: To be selected by architect from manufacturer's standard line Imperial texture #: To be selected by architect from manufacturer's standard line Color: To be selected by architect from manufacturer's standard line Color: To be selected by architect from manufacturer's standard line Color: To be selected by architect Color: To be selected by architect Color: To be selected by architect Color: To be selected by architect Color: To be selected by architect

Color: To be selected by architect from manufacturer's standard line

2 X 4 LIGHT FIXTURE

(IN CEILING GRID)

(IN CEILING GRID)

RETURN AIR GRILLE

(IN CEILING GRID)

FUME HOOD EXHAUST

PTD. GYPSUM BOARD

ACCESS PANEL

CEILING / SOFFI

AIR DIFFUSER

-AREA 'C'

**WIHi Science Lab** Remodel

510 Emerick St Ypsilanti, MI 48198

**Washtenaw Intermediate School District 1819 South Wagner** Ann Arbor, Michigan 48106



APPROXIMATE SIZE SHOWN IN PARENTHESIS SYSTEM IN ALUMINUM FRAME SYSTEM, FRAME www.woldae.com IS TO REMAIN. PROTECT OPENING FROM

333 West Seventh Street

ARISE IN FIELD WHICH WILL NOT ALLOW FOR

AT THE TEACHER'S DEMONSTRATION TABLE IN

HEIGHT AND BASE) AND ASSOCIATED EPOXY

COUNTER TOPS. CONTACT ARCHITECT AND

OWNER AND STOP ALL WORK IF ANY ISSUES

ARISE IN FIELD WHICH WILL NOT ALLOW FOR

REUSE OF NOTED MATERIALS. REINSTALL

CASEMORK (REINSTALLATION IS INCLUDED

IN ALTERNATE #1), AS NOTED ON DRAWING

F1/A1.11, AT STORAGE ROOM C110.

PRIOR TO START OF CONSTRUCTION -

ARCHITECTURAL, ELECTRICAL AND

MECHANICAL PLANS FOR FURTHER

MECHANICAL PLANS FOR FURTHER

UV PIPE CHASE, SEE MECH.

AND CASEWORK FOR REINSTALLATION. SEE

EYEWASH/SHOWER. SEE ARCHITECTURAL AND

FLOOR MOUNTED LIGHTED SHELF. RETURN TO

DOOR, FRAME, AND HARDWARE

OTHERWISE

7/7/7/7/ DESIGNATED CONCRETE SLAB TO

BE REMOVED

CEILING CLOUDS.

REFLECTED CEILING PLAN KEY NOTES:

(1) 4" VERTIGAL PROFILE EDGE TRIM FOR

MATCH EXISTING ADJACENT FINISHES.

TO BE REMOVED UNLESS NOTED

DESIGNATED ITEM TO REMAIN

REUSE OF NOTED MATERIALS. REINSTALL CASEWORK AS NOTED ON DRAWING F1/A1.11

WOOD LABORATORY CASEWORK (FULL

SCIENCE LAB C124.

RETURN TO OWNER.

INFORMATION.

INFORMATION.

COORDINATE WITH OWNER.

fax 248 284 0615 Three Hundred Twenty Royal Oak, MI 48067 mail@woldae.com

tel 248 284 0611

--- DESIGNATED ITEM TO BE REMOVED I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed ARCHITECT under the laws of the State of

Danial Kritta Registration Number Arch Num Date 10/31/14 (2) PATCH OPENING DUE TO MECHANICAL WORK AND WALL REMOVAL W/ GYP. BD., FINISH TO

Check: DTK

**Date:** 4/5/2013

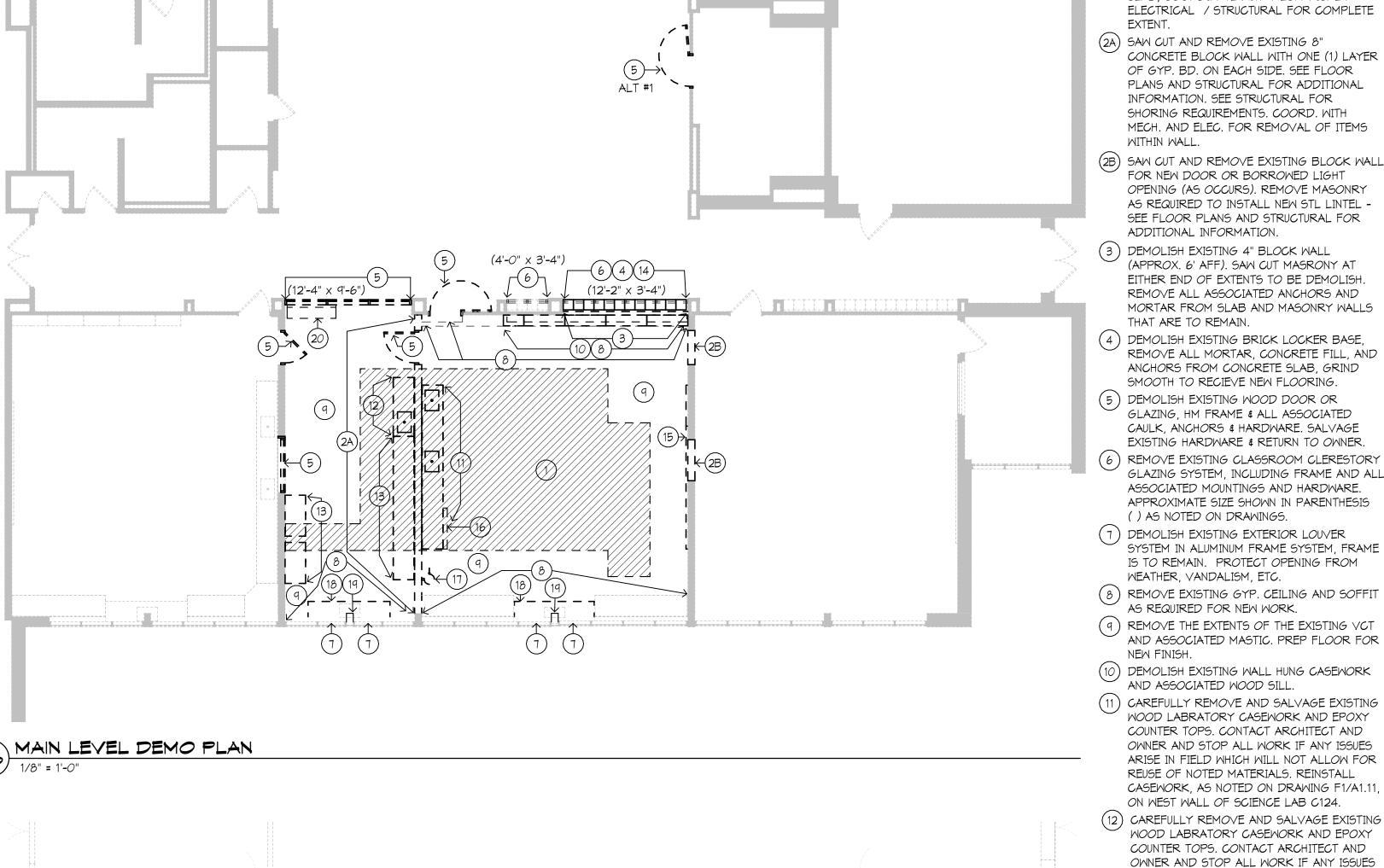
**MAIN LEVEL FLOOR PLAN** 

Scale: As indicated

**DOOR SCHEDULE REMARKS** 

DOOM ENTRU CONFOUNT

								D00R /	OPENIN	G 50	HEDULE				
DOOR	DOOR / OPENING						FRAME				MOUNTING CONDITIONS			HDW	
NO	TYPE	QTY	MIDTH	HEIGHT	MATL	EL	TYPE	DEPTH	MATL	GL	HEAD	JAMB	SILL	GRP	REMARKS
C110	F	1	3'-0"	7'-0"	MD		FR 1		H.M.					1	
C124A	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124B	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124C	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124D	N	1	3'-0"	7'-0"	MD	60	FR 1		H.M.					1	
C124E		1	4'-0"	4'-0"		60	FR 2		H.M.					1	
C124F		1	5'-4"	4'-0"		60	FR 2		H.M.					1	



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MAIN LEVEL REFLECTED CEILING PLAN

2. ALL PLAN DIMENSIONS ARE NOMINAL TO 3. ALL GYP. WALLS ARE TO BE 5 INCHES THICK

Wall Stops

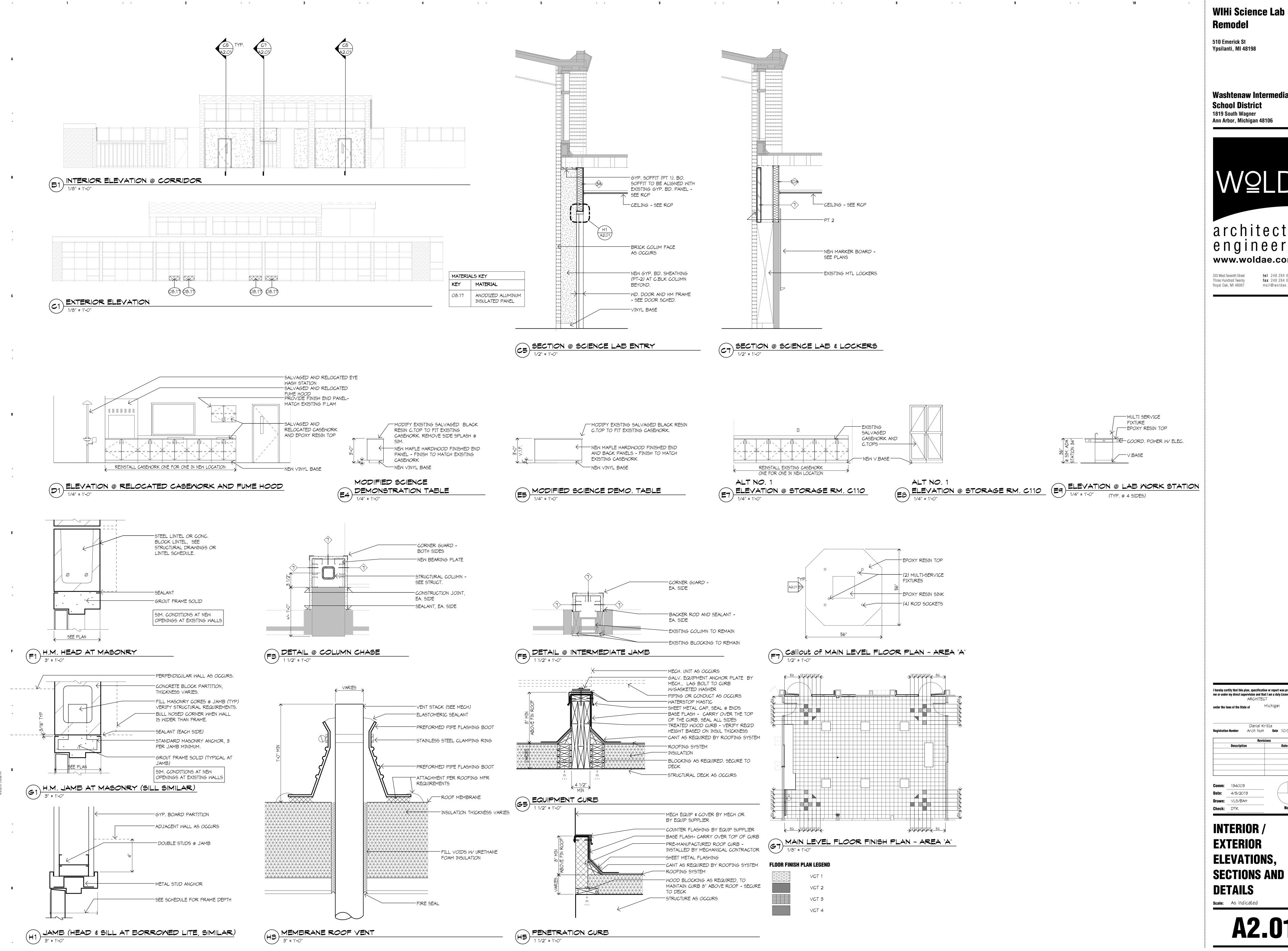
Painted Reveal Trim

09 21 16 Gypsum Board

4. COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS W/ MECH. AND ELEC. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS. SEE LINTEL SCHEDULE. FIELD VERIFY ALL MILLWORK OPENINGS. 6. ALL DOOR/SIDELITE OPENINGS TO BEGIN 4" FROM ADJACENT WALL UNLESS OTHERWISE

NOTED. 7. FIRE RATED WALLS ARE INDICATED ON CODE PLANS.

8. PROVIDE ABUSE RESISTANT GYP. BD. IN ALL AREAS WHERE GYP. BD. OCCURS 4' AFF AND LOWER. 08 14 00 Wood Doors



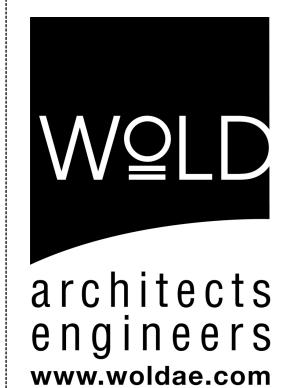
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**WIHi Science Lab** Remodel

Ypsilanti, MI 48198

**Washtenaw Intermediate School District** 1819 South Wagner



tel 248 284 0611 fax 248 284 0615 mail@woldae.com

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed ARCHITECT

Danial Kritta Registration Number Arch Num Date 10/31/14

**Date:** 4/5/2013 Drawn: VLS/BAH Check: DTK

INTERIOR / **EXTERIOR ELEVATIONS**,

Scale: As indicated