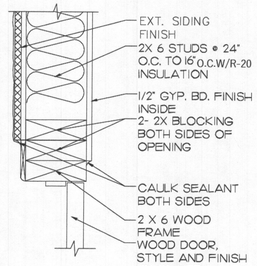
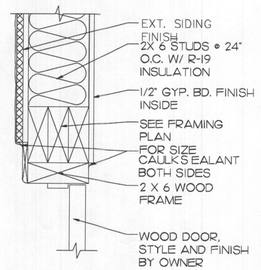
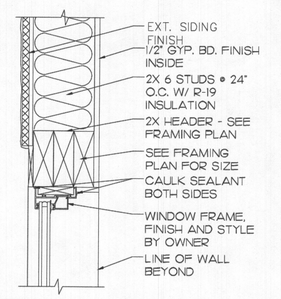


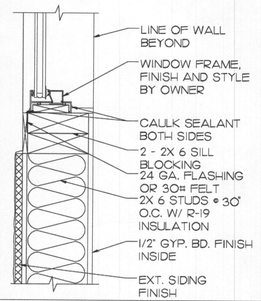
1 DOOR JAMB



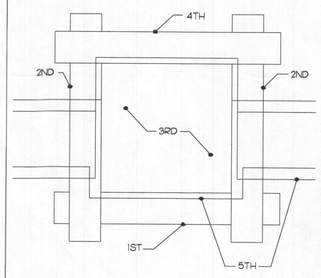
2 DOOR HEADER



3 WINDOW HEADER



4 WINDOW SILL



MATERIALS SPECIFIED:
MOISTOP FLASHING PAPER AND "SUPER JUMBO TEX" 60 MINUTE PAPER MANUFACTURED BY FORTIFIBER CORPORATION PORTLAND, OREGON

"BITUTHENE" ICE AND WATER SHED MANUFACTURED BY W.R. GRACE AND COMPANY CAMBRIDGE, MASS.

SHEET METAL WHERE SPECIFIED -TYPICAL SHALL BE INSTALLED PER SMACNA RECOMMENED SPECIFICATIONS

NOTE: PROVIDE SOLID BACKING TO SUPPORT MOISTOP PAPER

STAPLE PERIMETER OF MOISTOP TO FRAMING MEMBERS 1" FROM OUTSIDE EDGE TO PREVENT WIND DAMAGE

INSTALLATION NOTES:
1ST: ATTACH 12" MOISTOP FLASHING FLUSH ALONG THE BOTTOM OF THE OPENING. THE LENGTH OF THE FLASHING MUST BE LONG ENOUGH TO FALL A MIN. OF 12" BEYOND THE OPENING ON BOTH SIDES SO THAT IT IS BEYOND THE TWO VERTICALS THAT ARE ATTACHED IN STEP 2.

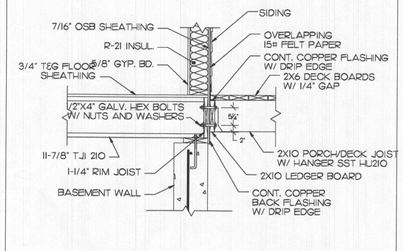
2ND: ATTACH FLASHING ALONG THE VERTICAL SIDES OF THE OPENING FLUSH WITH THE EDGE, MAKING SURE THAT IT'S OVER THE BOTTOM HORIZ. STRIP. LENTGH OF THE FLASHING MUST BE LONG ENOUGH TO FALL A MIN. OF 12" BEYOND THE OPENING ON TOP AND BOTTOM SO THAT IT IS BEYOND THE HORIZ. PIECE THAT IS ATTACHED IN STEP 4 AFTER THE WINDOW IS PLACED IN THE OPENING

3RD: INSTALL THE WINDOW PLUMB AND SQUARE BY PRESSING THE NAILING FLANGE POSITIVELY INTO A CONTINUOUS BEAD OF SEALENT WHICH EXTENDS AROUND THE BOT. AND VERTICAL PERIMETER OF THE WINDOW.

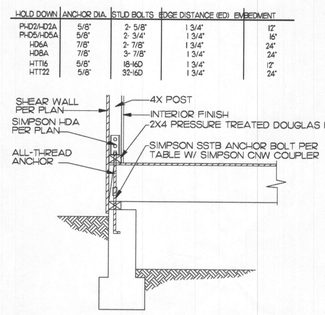
4TH: ATTACH THE 4TH STRIP OF FLASHING LAST, OVERLAPPING AND SEALED AGAINST THE FULL HEIGHT OF THE OUTER FACE OF THE TOP NAILING FLANGE WITH A CONT. BEAD OF SEALENT. CUT THE TOP PIECE OF FLASHING SUFFICENTLY LONG SO THAT IT WILL EXTEND PAST THE EDGES OF BOTH STRIPS OF SIDE FLASHING.

5TH: STARTING AT THE BOTTOM OF THE WALL LAP THE APPROVED BUILDING PAPER OVER THE WEEP SCREED(WHERE OCCURS) AND LIP THE WALL IN WEATHERBOARD FASHION, FIRST COURSE THAT INTERSECTS THE WINDOW OPENING BENEATH THE SILL STRIP FLASHING WITH THE SUBSEQUENT COURSES ABOVE APPLIED OVER THE FLASHING

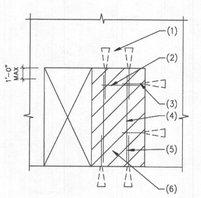
6 WINDOW FLASHING



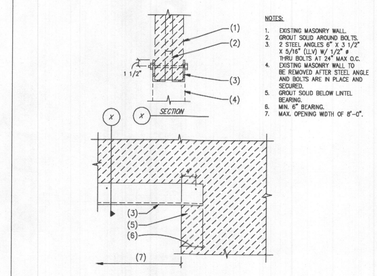
7 DECK LEDGER DETAIL



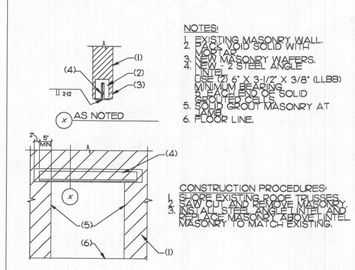
8 HDA HOLDOWN



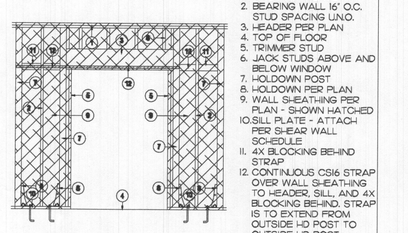
9 NEW MASONRY IN EXST'G WALL OPENING



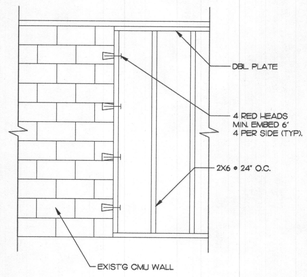
10 NEW STEEL LINTEL @ EXST'G MASONRY WALL



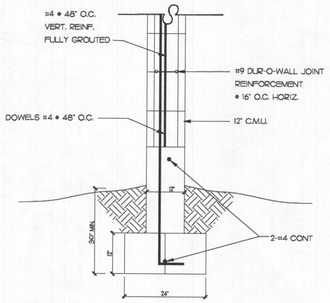
11 NEW OPENING IN EXST'G MASONRY WALL



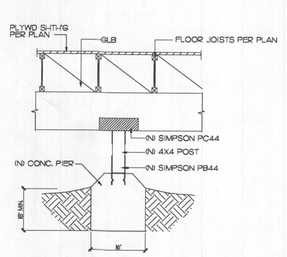
12 DOOR FRAME



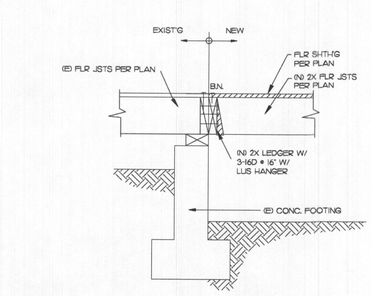
13 MASONRY TO FRAME



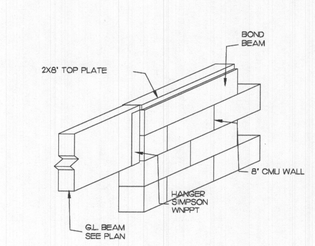
14 CMU FOUNDATION WALL W/ FOOTING



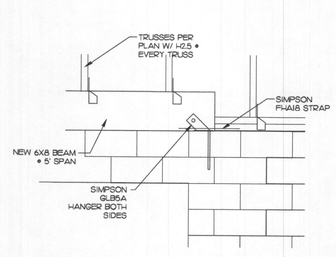
15 CMU PIER DETAIL



16 FOOTING DETAIL



17 BEAM O/ LINTEL



18 BEAM TO CMU WALL CONNECTION

STATE OF MARYLAND
JIAN HORNG TUNG
No. 25862
PROFESSIONAL ENGINEER
10/4/2022

Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2023."

PROJECT NAME:

SCHLEIGH RESIDENCE

11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092

Winthorpe Design & Build

DRAWING TITLE:

STRUCTURAL MISCELLANEOUS DETAILS

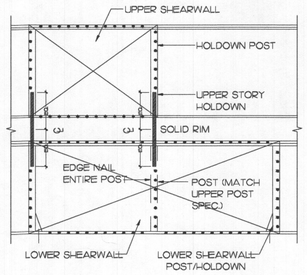
No.	Description	Date

PROJECT NUMBER	
DATE	
DRAWN BY	
CHECKED BY	

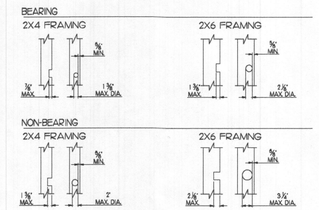
DRAWING NO.

S.04

SCALE AS INDICATED

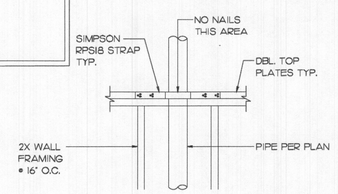


1 UPPER HOLDOWN STRAP DETAIL



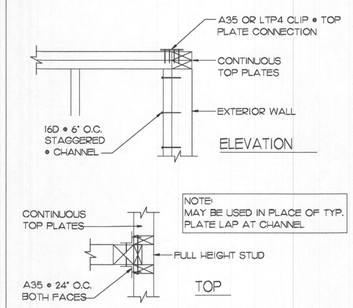
BEARING OR NON-BEARING WALLS MAY BE DRILLED 2" FOR 2X4 & 3 1/4" FOR 2X6 WALLS, W/ 5/8" EDGE DISTANCE. IF STUDS ARE DOUBLED & NO MORE THAN 2 SUCCESSIVE DOUBLED STUDS ARE DRILLED. (PER 2012 IRC)

2 NOTCHED OR DRILLED STUDS

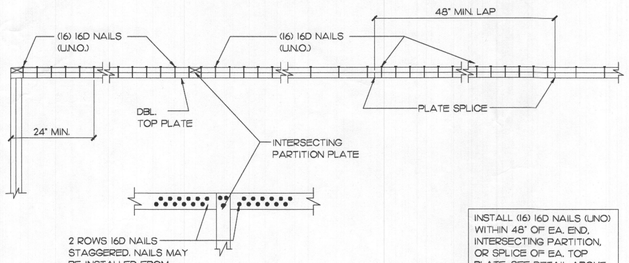


FRAMING	MAX. NOTCH	MAX. DRILLED HOLE
2X4 BEARING	1 1/2" X 5 1/2"	1 1/2" DIA @ ℄
2X4 NONBEARING	2 1/2" X 5 1/2"	2 1/2" DIA @ ℄
2X6 BEARING	3 1/2" X 5 1/2"	3 1/2" DIA @ ℄
2X6 NONBEARING	4" X 5 1/2"	4" DIA @ ℄

3 NOTCHED OR DRILLED TOP PLATES

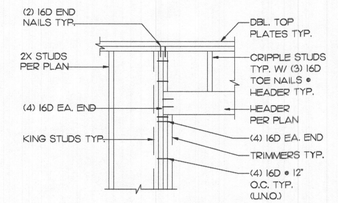


4 ALT. WALL CHANNEL DETAIL @ EXT. BEARING WALLS



INSTALL (16) 16D NAILS (UNO) WITHIN 48" OF EA. END, INTERSECTING PARTITION, OR SPLICE OF EA. TOP PLATE. SEE DETAIL ABOVE FOR CLARIFICATION

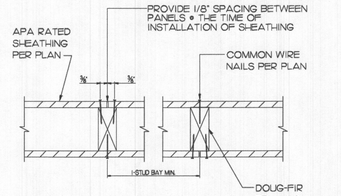
6 DOUBLE TOP PLATE SPLICE DETAIL



OPENING SIZE	KING STUDS	TRIMMERS
UP TO 4'-0"	(1) 2X4 OR (1) 2X6	(1) 2X4 OR (1) 2X6
4'-1" TO 6'-0"	(2) 2X4 OR (1) 2X6	(1) 2X4 OR (1) 2X6
6'-1" & GREATER	(2) 2X4 OR (2) 2X6	(2) 2X4 OR (2) 2X6

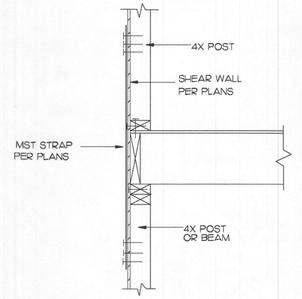
MAX. PLATE HEIGHT IS 10'. FOR WALLS GREATER THAN 10' IN HEIGHT SEE FRAMING PLANS FOR WALL FRAMING SPECS.

7 TYP. HEADER FRAMING DETAIL

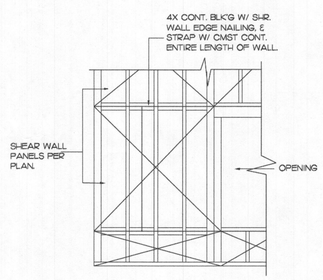


NOTE: FOR DBL. SIDED SHEAR WALLS INSTALL SHEETS W/ MIN. OVER LAP OF ONE STUD BAY

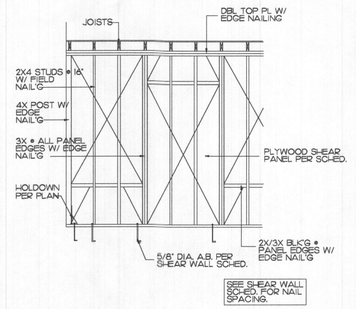
8 DBL. SIDED SHEAR WALL OFFSET



9 HOLDOWN STRAP

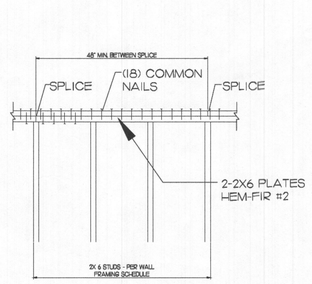


10 SHEAR WALL DETAIL

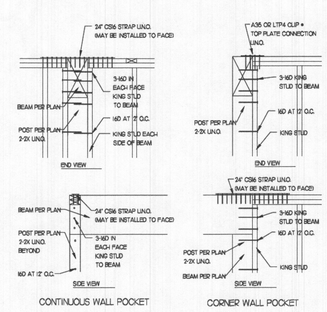


SEE SHEAR WALL SCHED. FOR NAIL SPACING.

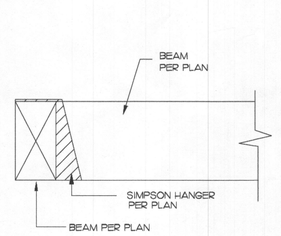
11 SHEAR WALL DETAIL



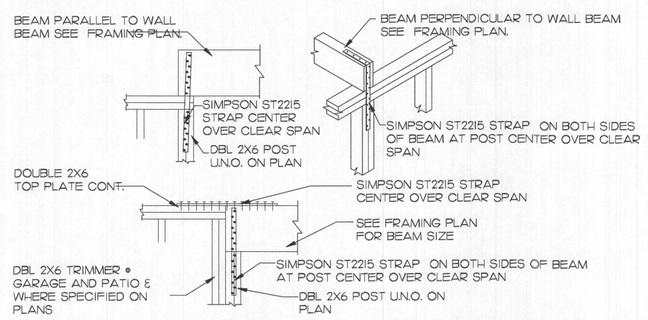
12 TOP PLATE SPLICE - A



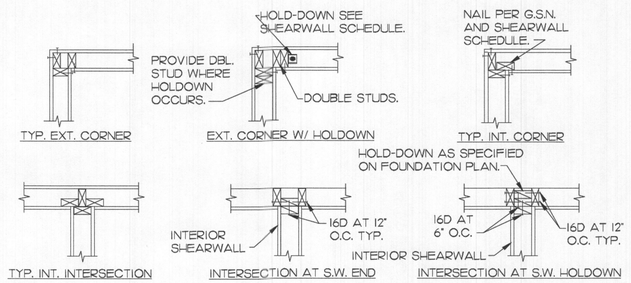
13 STANDARD BEAM POCKET



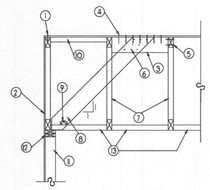
14 TYPICAL BEAM DETAIL



16 SHEAR/BRACED WALL AREA



17 TYPICAL CORNER DETAILS



1. 8D NAILS AT 6" O.C.
2. 1/2" PLYWD. SHTG. W/ 8D NAILS AT 6" O.C.
3. 2X4 BLKG. AT 48" O.C.
4. 8D AT 4" O.C.
5. 2-16D EACH END
6. 4-16D
7. PRE-FRABRICATED WOOD TRUSSES 24" O.C.
8. 2X4 AT 4'-0" O.C.
9. A35 FRAMING ANCHOR EACH SIDE OF 2X4
10. 2X4 PLAT AT 24" O.C. NOTCH END TRUSS TO PASS THRU & SUPPORT FASCIA
11. 2X4 AT 16" O.C.
12. DBL. 2X4 CONT TOP PLATE
13. 2X4 FLAT BACK ON 3 TRUSSES MIN.

15 TRUSS TO WALL

STATE OF MARYLAND
JAW HORNG TUNG
No. 25862
PROFESSIONAL ENGINEER
10/4/2022

Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036

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WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092

Winthorpe Design & Build

DRAWING TITLE:

STRUCTURAL MISCELLANEOUS DETAILS

No.	Description	Date

PROJECT NUMBER	
DATE	
DRAWN BY	
CHECKED BY	

DRAWING NO.

S.05

SCALE AS INDICATED

Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036

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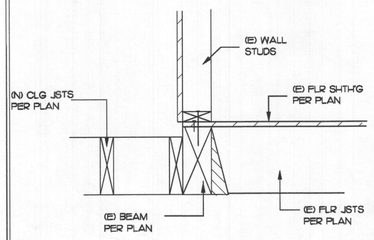
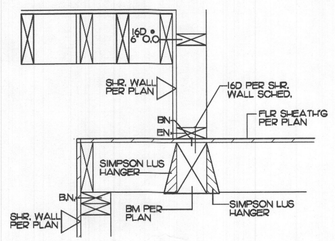
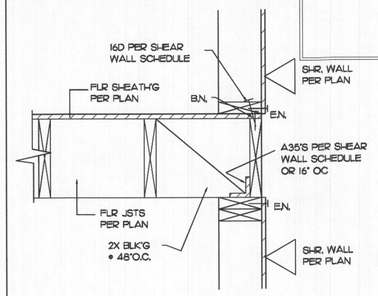
STATE OF MARYLAND · JAWH HORNG TUNG · No. 25862 · PROFESSIONAL ENGINEER
12/9/2022



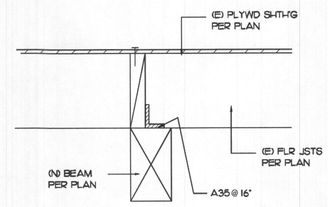
1 TYPICAL FLOOR DETAIL



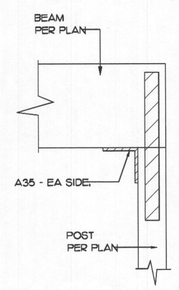
2 TYPICAL FLOOR DETAIL



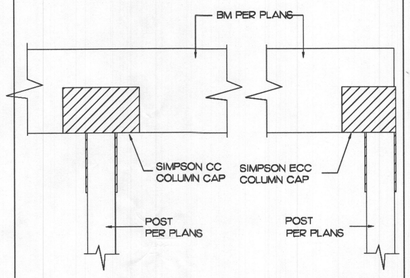
3 TYPICAL FLOOR DETAIL



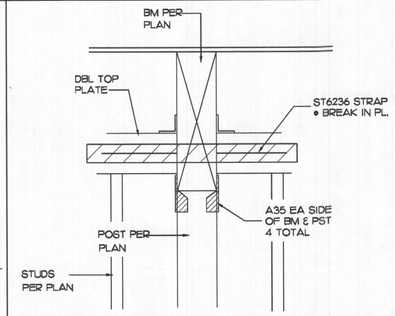
4 TYPICAL FLOOR DETAIL



6 POST TO BEAM DETAIL



7 POST-BEAM DETAIL



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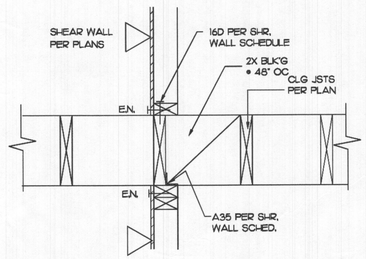
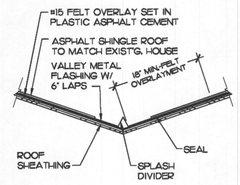
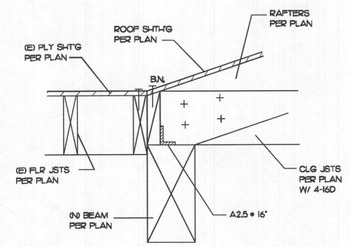


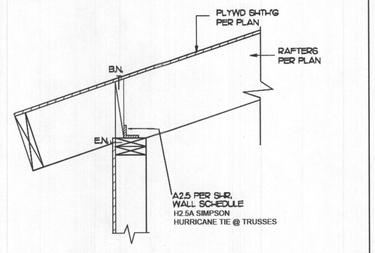
9 TYPICAL CEILING DETAIL



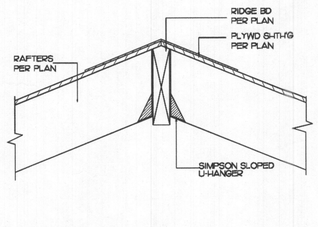
10 VALLEY ON ROOF



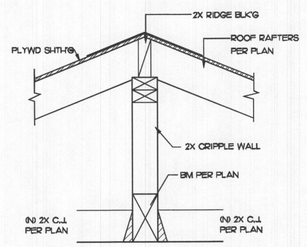
11 ROOF DETAIL



12 ROOF DETAIL



13 RIDGE DETAIL



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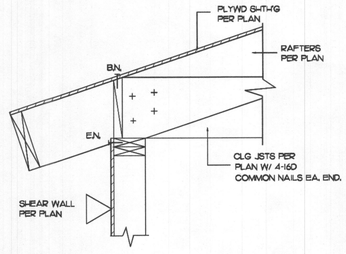
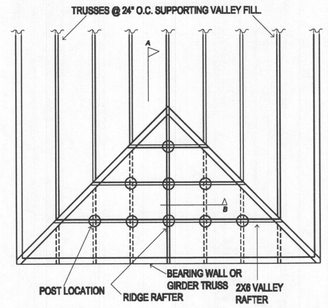
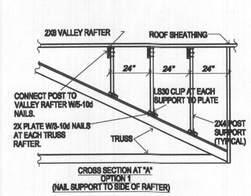
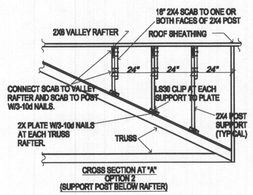


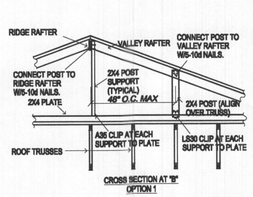
15 CEILING JOIST DETAIL

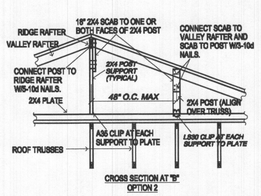


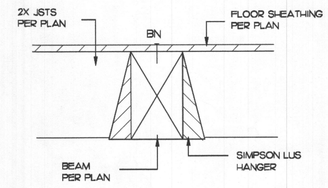
16 TYPICAL OVERFRAMING











5 TYPICAL FLOOR BEAM DETAIL

PROJECT NAME:

SCHLEIGH RESIDENCE

11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092

Winthorpe Design & Build

DRAWING TITLE:

STRUCTURAL MISCELLANEOUS DETAILS

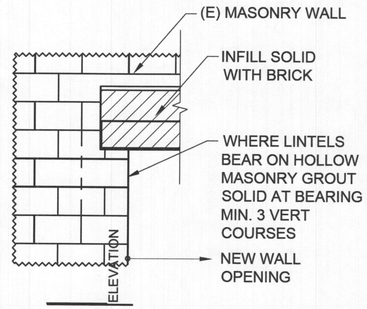
No.	Description	Date

PROJECT NUMBER	
DATE	
DRAWN BY	
CHECKED BY	
DRAWING NO.	S.06
SCALE	AS INDICATED

LOOSE LINTEL SCHEDULE
(NON-LOADBEARING WALLS)

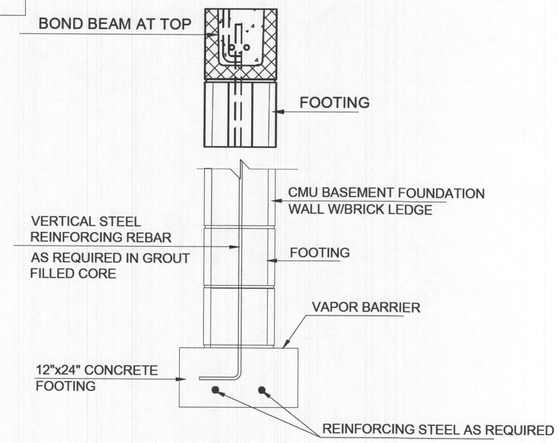
M.O. WIDTH (MAX)	WALL THICKNESS		SECTION	
	4"	6"	4"	6"
TO 3'-0"	L 3 1/2 x 3 1/2 x 1/4	L 5 x 5 x 5/16	L	L
TO 4'-0"	L 3 1/2 x 3 1/2 x 1/4	L 5 x 5 x 5/16	L	L
TO 5'-0"	L 4 x 3 1/2 x 1/4	L 5 x 5 x 5/16	L	L
TO 6'-0"	L 4 x 3 1/2 x 1/4	L 5 x 5 x 5/16	L	L
TO 7'-0"	L 5 x 3 1/2 x 1/4	L 5 x 5 x 3/8	L	L
TO 8'-0"	L 6 x 3 1/2 x 5/16	L 6 x 6 x 3/8	L	L
TO 8'-0"	4" x 8" NOM DIMENSION PRECAST LINTEL w/ 1-#4 TOP AND BOTT	6" x 8" NOM DIMENSION PRECAST LINTEL w/ 2-#4 TOP AND BOTT		
TO 12'-0"	W6x12 WITH 1/4" HUNG PLATE	W6x12 WITH 1/4" HUNG PLATE		

BEARING AND NON-LOADBEARING WALL LINTEL SCHEDULE NOTES:
1. GALV ALL LINTELS IN EXTERIOR WALLS AND EXTERIOR WALL BACKUP.
2. MINIMUM THICKNESS OF LOOSE LINTEL ANGLES IN EXTERIOR WALLS TO BE 5/16".
3. BEARING WIDTH SHALL BE 1" PER FOOT OF CLEAR SPAN ON EACH END. MINIMUM WIDTH SHALL BE 8" IN BEARING WALLS, AND 6" IN NON- LOADBEARING WALLS, UNO.
4. GROUT CMU FOR (16") x (FULL HEIGHT OF OPENING) TO UNDERSIDE OF LINTEL BEARING (TYP, UNO).
5. GROUT OPEN CELLS OF UPPER COURSES MONOLITHICALLY w/ U-SHAPED BLOCK LINTEL.
6. PRECAST CONCRETE (PC) LINTELS SHALL BE MADE OF 3000 PSI CONCRETE (MINIMUM 28 DAY COMPRESSIVE STRENGTH).
7. USE (2) 4" PC UNITS FOR 8" WALL, 4" + 6" PC UNITS FOR 10" WALL, (2) 6" OR (3) 4" PC UNITS FOR 12" WALL, ETC.
8. USE ARCHITECTURAL AND MECHANICAL DRAWINGS TO COORDINATE LINTEL ELEVATIONS WITH DOOR SCHEDULE, CEILING HEIGHTS, DUCT ELEVATIONS, ETC. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW WITH THIS INFORMATION.

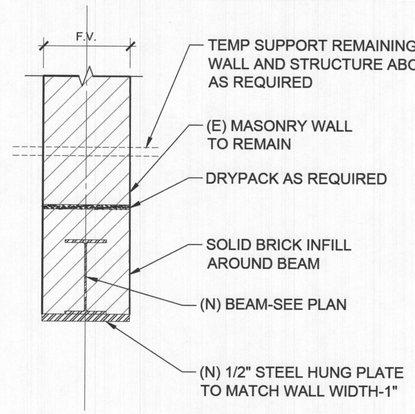


NOTES: LOOSE STEEL ANGLE LINTELS NOT INTENDED TO BE USED UNDER BEAM BEARING, UON.

TYPICAL LOOSE STEEL ANGLE LINTEL 1



BOND BEAM DETAIL 3



SCALE: NOT TO SCALE

TYPICAL STEEL HEADER 2

STATE OF MARYLAND
JAW HORNG TUNG
No. 25862
PROFESSIONAL ENGINEER
10/6/2022

Field & Tung Structural Engineers
1210 18th Street, NW
Third Floor
Washington, DC 20036

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 25862, EXPIRATION DATE: 02-05-2023."

PROJECT NAME:
SCHLEIGH RESIDENCE
11830 RAMSBURG ROAD
MARRIOTSVILLE, MD 21104

WINTHORPE DESIGN & BUILD, INC.
13050 WAINWRIGHT ROAD
Highland MD 20777
301-854-2092

Winthorpe Design & Build

DRAWING TITLE:

TYPICAL LOOSE STEEL ANGLE LINTEL

No.	Description	Date

PROJECT NUMBER	
DATE	
DRAWN BY	
CHECKED BY	
DRAWING NO.	S.07
SCALE	AS INDICATED

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO APPLICABLE LOCAL CODES, THE INTERNATIONAL RESIDENTIAL CODE 2012 EDITION, AND WITH THE NATIONAL ELECTRICAL CODE 2011 EDITION.
2. CONTRACTOR TO VERIFY THE EXACT LOCATION FOR OUTLETS, LIGHTS, SWITCHES, CABLE, DATA, PHONE, AUDIO, ETC. WITH OWNER.
3. PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS.
4. CARBON MONOXIDE DETECTORS ARE TO BE INSTALLED IN EACH CORRIDOR ACCESSING BEDROOMS. CARBON MONOXIDE DETECTORS TO BE HARDWIRED AND INTER-CONNECTED.
5. CIRCUITS SHALL BE VERIFIED WITH HOME OWNER PRIOR TO WIRE INSTALLATION.
6. FINAL SWITCHES FOR TIMERS AND DIMMERS SHALL BE VERIFIED WITH HOME OWNER.
7. FIXTURES TO BE SELECTED BY HOME OWNER.
8. ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS AND GARAGES SHALL BE GFCI PER NATIONAL ELECTRICAL CODE REQUIREMENTS.
9. GROUND FAULT CIRCUIT INTERRUPTERS (GFCI) SHALL BE USED ON ALL WIRING IN EXTERIOR OUTLETS.
10. GROUNDING TO COMPLY WITH NEC AND THE UFER GROUNDS SHALL BE INCLUDED IN THE FOUNDATION AND SHALL BE CONNECTED TO THE ELECTRICAL SERVICE DISCONNECT.
11. ALL 125-VOLT, 15-AND 20- AMPERE RECEPTACLE OUTLETS SHALL BE LISTED TAMPER RESISTANT RECEPTACLES.
12. SERVICE ENTRANCE CONDUCTORS ENTERING OR ON THE EXTERIOR OF THE STRUCTURE SHALL BE INSULATED.
13. PROVIDE (2) 20 AMP (MIN.) SMALL APPLIANCE BRANCH CIRCUITS AND ARE LIMITED TO SUPPLYING WALL AND COUNTER SPACE OUTLETS (NOTE THEY CANNOT SERVE OUTSIDE PLUGS, RANGE HOODS, GARBAGE DISPOSALS, DISHWASHERS OR MICROWAVES - ONLY THE REQUIRED COUNTERTOP/WALL OUTLETS MAY INCLUDE THE REFRIGERATOR) AS PER NEC.
14. LIGHT SWITCHES SHALL BE MOUNTED AT 3'-3" ABOVE FINISH FLOOR, U.N.O.-LUTRON "SNOW WHITE " FINISH.
15. A RECEPTACLE SHALL BE INSTALLED ON BOTH SIDES OF AN APPLIANCE OR PLUMBING FIXTURE MOUNTING WITHIN A COUNTER TOP. THIS SHALL INCLUDE OPEN ENDED ISLAND CONFIGURATION.
16. ALL FIXTURES TO BE INSTALLED OUTSIDE, OR IN WET OR DAMP LOCATIONS INSIDE, SHALL BE UL LISTED FOR SUCH LOCATIONS.
17. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL FIXTURES WITH OWNER, PRIOR TO FINAL INSTALLATION. SPECIFIC FIXTURE TYPES TO BE COORDINATED DIRECTLY WITH OWNER.
18. ALL EXTERIOR SWITCHES AND WALL PLATES TO BE PROTECTED WITH WEATHERPROOF COVERING.
19. INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT TIME OF INSPECTION.
20. ALL PHONE LINES TO BE (2) CATEGORY 5 TWISTED PAIR LINES AND CABLE LINES ARE TO BE HOME RUN TO BOX IN RESIDENCE.
21. EXTERIOR LIGHT FIXTURES SHALL BE PROTECTED BY A GFCI AND MEET THE FOLLOWING REQUIREMENTS: RECESSED FIXTURES WITH A GLASS OR PLASTIC LENS AND NONMETALLIC OR ELECTRICALLY ISOLATED TRIM, TO BE SUITABLE FOR USE IN DAMP LOCATIONS.
22. ART SPOT LIGHTS SHALL BE RECESSED SQUARE BOXES IN CEILING.
23. A MINIMUM OF 75% OF NEWLY INSTALLED LIGHTING TO BE HIGH EFFICACY.

S. NO.	DRG NO.	DESCRIPTION
1	EL.00	LIST OF DRAWINGS & NOTES LEGEND
2	EL.01	BASEMT LEVEL
3	EL.02	MAIN LEVEL
4	EL.03	SECOND LEVEL
5	EL.04	MISCELLANEOUS DETAILS

ELECTRICAL SYMBOLS

	110V DUPLEX OUTLET
	220V OUTLET
	110V DUPLEX OUTLET (ONE OUTLET SWITCH OPERAT
+18	110V DUPLEX OUTLET W GFCI @ 18" AFF (U.N.O.)
WP	110V DUPLEX OUTLET W GFCI & WATERPROOF COVE
	GAS OUTLET
	CEILING MNT. INCANDESCENT FIXTURE
	WALL MNT. INCANDESCENT FIXTURE
R	RECESSED DOWN LIGHT
	RECESSED WALL WASHER
$	SINGLE POLE SWITCH
$	DOUBLE POLE SWITCH
$	SWITCH DIMMER
$	MANUAL ONAUTO–OFF
FL	FLUORESCENT LIGHT
	UNDER CABINET FLUORESCENT LIGHT
SD	APPROVED SMOKE DETECTOR
	CEILING FAN W LIGHT FIXTURE
	HOSE BIBB
RG6 COAX	BROADBAND (CABLE) JACK
DATA	VOICE DATA JACK
F	EXHAUST FAN
F	EXHAUST FAN W LIGHT FIXTURE– SWITCHED SEPARA
CO/SD	APPROVED CARBON MONOXIDE ALARM
	DOOR OPENER

PROJECT NAME:

SCHLEIGH RESIDENCE

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MARRIOTSVILLE, MD 21104

Winthorpe Design & Build, Inc.
13050 Wainwright Road Highland MD 20777
301-854-2092

Winthorpe Design & Build

DRAWING TITLE:

LIST OF DRAWINGS & NOTES LEGEND

No.	Description	Date

PROJECT NUMBER	
DATE	
DRAWN BY	
CHECKED BY	

DRAWING NO.

EL.00

SCALE AS INDICATED