THE AFFECTED CONSTRUCTION IS PUT IN PLACE. 3. IF THE CONTRACTOR WISHES TO USE DETAILS OTHER THAN THOSE SHOWN IN THE CONTRACT DRAWINGS, THESE DETAILS SHALL BE SUBMITTED FOR APPROVAL BEFORE SHOP DRAWINGS ARE BEGUN. 4. THE CONTRACT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. THESE NOTES HIGHLIGHT RATHER THAN REPLACE THE SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL. PLEASE NOTIFY THE ENGINEER OF ANY CONFLICTS. REFER TO THE

THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER OF RECORD FOR EVALUATION BEFORE

SPECIFICATIONS FOR WORK NOT SHOWN ON THE DRAWINGS. 5. CONTRACTOR SHALL LOCATE AND MARK ALL UNDERGROUND UTILITY LINES BEFORE STARTING WORK.

SHORING/SCAFFOLDING

1. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHEETING, SHORING, BRACING, AND SCAFFOLDING AND MAKE SAFE ALL FLOORS, ROOFS, WALLS, AND ADJACENT PROPERTY AS PROJECT CONDITIONS REQUIRE. SHEETING, SHORING, BRACING, AND SCAFFOLDING SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE PROJECT JURISDICTION, HIRED BY THE CONTRACTOR, WHO SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR THE OWNER'S REVIEW. SHORING AND SCAFFOLDING SHALL COMPLY WITH O.S.H.A. REGULATIONS.

3. THE STRUCTURAL ENGINEER WILL REVIEW SHORING/SCAFFOLDING SUBMITTALS ONLY FOR LOADS TRANSMITTED TO THE BUILDING STRUCTURE. SUBMITTALS SHALL CLEARLY INDICATE THE LOCATION AND MAGNITUDE OF ALL LOADS APPLIED TO THE BUILDING. THE CONTRACTOR IS RESPONSIBLE FOR DESIGN AND PERFORMANCE OF THE SHORING/SCAFFOLDING SYSTEM. 4. THE SUGGESTED SHORING AND SCAFFOLDING DIAGRAMS SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN DEVELOPED ON THE BASIS OF THE ASSUMED LIMITATIONS OF THE EXISTING BUILDING'S STRUCTURE, AND ARE INTENDED AS AN AID TO THE CONTRACTOR IN PREPARING HIS PROPOSAL FOR THE SHORING/SCAFFOLDING. THE DIAGRAMS SHOWN ARE NOT INTENDED TO

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING GOVERNING STANDARDS: A. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "MANUAL OF STEEL CONSTRUCTION", LATEST EDITION

LIMIT OR DIRECT THE EXTENT OF THE SYSTEM TO BE PROVIDED BY THE SHORING/SCAFFOLDING CONTRACTOR.

B. AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE-STEEL" (AWS D1.1), LATEST EDITION 2. ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS: A. WIDE FLANGE COLUMNS, BEAMS, AND GIRDERS: A992/A572M (Fy = 50 ksi) (345 MPa)

B. BASE PLATES: A36/A36M (Fy = 36 ksi) (250 MPa)

C. SQUARE AND RECTANGULAR TUBES: A500, GRADE B (Fy = 46 ksi) ROUND PIPES: A53/A53M, GRADE B (Fy = 35 ksi)

. MISCELLANEOUS SHAPES, PLATES, AND STIFFENERS: A36/A36M (Fy = 36 ksi) (250 MPa) F. ANCHOR BOLTS: ASTM F1554, GRADE 36 (FURNISHED COMPLETÈ WITH NUTS AND WASHERS)

G. BOLTED CONNECTIONS FOR BEAMS AND GIRDERS ARE TO BE MADE WITH A325 (A325N) BEARING-TYPE BOLTS, ¾" (20 mm) DIAMETER, UNLESS OTHERWISE NOTED.

H. SHEAR STUDS SHALL BE NELSON S3L OR EQUAL. 3. FIELD CUTTING OR BURNING OF STRUCTURAL STEEL IS PROHIBITED EXCEPT WITH THE EXPRESS WRITTEN APPROVAL OF THE

4. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL STEEL NOT SHOWN ON STRUCTURAL DRAWINGS. 5. ALL BEAMS EXCEPT CANTILEVERS SHALL BE FABRICATED WITH THE NATURAL CAMBER UP. CANTILEVER BEAMS SHALL BE

FABRICATED SO THAT THE NATURAL CAMBER RAISES THE CANTILEVER END. 6. ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED IN ACCORDANCE WITH AWS D1.1. WELDING ELECTRODES SHALL BE AWS CLASS E70XX (ELECTRODES SHALL BE SUITABLE TO GRADE OF BASE METAL).

7. SHOP PAINT EXPOSED STEEL MEMBERS, STEEL MEMBERS NOT ENCASED IN CONCRETE OR SPRAY-FIREPROOFED, AND ALL STEEL MEMBERS AT EXTERIOR WALLS WITH RUST-INHIBITING PRIMER. FIELD PAINT AS PER ARCHITECTURAL DRAWINGS AND

8. MASONRY ANCHORS SHALL BE HILTI HIT ADHESIVE ANCHORS OR APPROVED EQUAL, OF THE SIZE INDICATED ON THE DRAWINGS. THEY SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

9. UNLESS OTHERWISE NOTED, ALL TUBE/PIPE COLUMNS SHALL BE CAPPED WITH 1/4" PLATE. 10. PROVIDE MASONRY ANCHORS AT 2'-8" O.C. ON BEAMS AND COLUMNS WITHIN OR ADJACENT TO MASONRY WALLS. 11. STRUCTURAL STEEL TO BE ENCASED IN CONCRETE SHALL BE UNPAINTED AND WRAPPED WITH WWF 6x6 - W2.0xW2.0. 12. HOT-DIP GALVANIZING SHALL CONFORM TO ASTM A123. REPAIR SCRATCHED OR ABRADED GALVANIZED SURFACES WITH ZINC-RICH PAINT. ALL EXTERIOR EXPOSED STEEL AND STEEL SUPPORTING EXTERIOR MASONRY SHALL BE HOT-DIP

GALVANIZED. 13. LINTELS SHALL BE INSTALLED AT OPENINGS (INCLUDING ARCHITECTURAL AND MEP) GREATER THAN 12" IN MASONRY PARTITIONS AND OTHER LOCATIONS WHERE LINTEL SIZE IS NOT SPECIFIED IN PLAN OR SECTION. PROVIDED LINTELS AS FOLLOWS:

OPNG. WIDTH	PRECAST	BOND BEAM	STEEL LINTEL	
1'-0" TO 4'-0"	4"x8" W/ 1-#3 T & B	8" DEEP W/ 1-#4 B PER 6" OF T	L3½×3½×5⁄16	
4'-1" TO 6'-0"	4"x8" W/ 1-#4 T & B	8" DEEP W/ 1-#5 B PER 6" OF T	L4x3½x5/16(LLV)	
6'-1" TO 8'-0"	4"x8" W/ 1-#4 T & B	8" DEEP W/ 2-#5 B PER 6" OF T	L5x3½x5/16(LLV)	

- PROVIDE ONE LINTEL FOR EACH 4" OF WALL THICKNESS (T). - FOR 6" WALLS AND PARTITIONS, PROVIDE 6"x8" PRECAST (WITH ABOVE REINFORCING) OR BOND BEAM LINTEL. - BEARING SHALL BE 1" PER FOOT OF SPAN ON EACH END (4" MINIMUM).

- LINTELS EXPOSED TO VIEW SHALL HAVE JOINT PATTERN OR SCORING THAT MATCHES THE WALLS.

1. ALL CONCRETE WORK SHALL CONFORM TO THE FOLLOWING GOVERNING STANDARDS: A. AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318), LATEST

B. ACI "MANUAL OF CONCRETE PRACTICE", LATEST EDITION C. CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE", LATEST EDITION REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615/A615M, GRADE 60 (Fy = 420 MPa). REINFORCING STEEL SHALL BE DETAILED ACCORDING TO ACI 315, "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT",

LATEST EDITION. 3. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185, WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 75 KSI 4. PROVIDE MINIMUM TEMPERATURE REINFORCEMENT, AS REQUIRED BY ACI 318, IN ALL SLABS AND WALLS WHERE

REINFORCEMENT IS NOT INDICATED ON DRAWINGS. 5. COORDINATE SIZE AND LOCATION OF ALL OPENINGS AND PIPE SLEEVES WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. PROVIDE MINIMUM OF 6" OF CONCRETE BETWEEN SLEEVES.

. ALL GROUT SHALL BE NON—SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI (35 MPa). 7. PROVIDE CLEARANCE FROM FACE OF CONCRETE TO REINFORCEMENT AS FOLLOWS:

10. PROVIDE CORNER BARS EQUAL IN SIZE AND SPACING TO TYPICAL HORIZONTAL WALL REINFORCING.

A. SLABS: ¾" (20 mm) B. BEAMS AND COLUMNS: 1½" (40 mm)

:. FOOTINGS: 3" (80 mm) EXTERIOR WALLS: 2" (55 mm) FOR #6 (19M) OR LARGER, 1½" (40 mm) FOR #5 (16M) OR SMALLER INTERIOR WALLS: 3/4" (20 mm)

9. REINFORCEMENT NOT SHOWN ON SECTIONS AND PLANS SHALL BE THE SAME AS THAT SHOWN IN SIMILAR SECTIONS AND AT SIMILAR LOCATIONS.

11. PROVIDE 1-#5 (16M) x 4'-0" (1220 mm) DIAGONAL BAR IN EACH FACE AT RE-ENTRANT CORNERS AND OPENINGS IN SLABS-ON-GRADE AND SUPPORTED SLABS. 12. BETWEEN ALL SEPARATE CONCRETE POURS, PROVIDE DOWELS EQUAL IN SIZE AND NUMBER TO BARS IN THE DOWELED

13. PROVIDE ½" (13 mm) PREMOLDED JOINT FILLER WHERE SLAB ABUTS VERTICAL SURFACES.

14. SEE OTHER DRAWINGS IN THIS PROJECT FOR SIZE AND LOCATION OF EQUIPMENT PADS, INSERTS, AND EMBEDDED ITEMS. 15. REINFORCING, DOWELS, WATERSTOPS, AND OTHER EMBEDDED ITEMS SHALL BE INSTALLED AND SECURED PRIOR TO CONCRETE PLACEMENT. "WET-SETTING" OF EMBEDDED ITEMS IS NOT PERMITTED. 16. SLABS ON GROUND SHALL BE 5" THICK, POURED OVER A 6" LAYER OF COMPACTED, POROUS FILL, WITH A 10 MIL.

POLYETHYLENE VAPOR RETARDER BETWEEN SLAB AND FILL. PROVIDE WWF 6x6-W2.0xW2.0, PLACED 1" FROM TOP OF SLAB,

IN ALL SLABS ON GROUND.

CONCRETE MASONRY 1. ALL CONCRETE MASONRY WORK SHALL CONFORM TO THE "NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS," AND "ACI 530-BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES," LATEST EDITIONS. 2. CONCRETE MASONRY UNITS SHALL BE OF LIGHTWEIGHT AGGREGATE AND CONFORM TO THE FOLLOWING STANDARDS:

SOLID MASONRY: ASTM C90, GRADE N1 HOLLOW MASONRY: ASTM C90, GRADE N1

3. COORDINATE MASONRY UNIT TYPES WITH STRUCTURAL AND ARCHITECTURAL DRAWINGS. 4. ALL MORTAR SHALL BE ASTM C270, TYPE S.

5. ALL MASONRY UNIT DIMENSIONS INDICATED ON STRUCTURAL PLANS ARE NOMINAL DIMENSIONS. 6. CONCRETE MASONRY BELOW BEAM OR TRUSS BEARING POINTS SHALL BE FILLED SOLID FOR A MINIMUM OF TWO COURSES IN DEPTH AND A MINIMUM OF 32" IN WIDTH, U.N.O.

7. THE NET AREA COMPRESSIVE STRENGTH OF NEW MASONRY ASSEMBLIES, I'm, SHALL MEET OR EXCEED 1500 PSI. 8. UNLESS NOTED OTHERWISE, ALL GROUT SHALL BE COARSE-TYPE, SHALL MEET ASTM C476-02, AND ITS COMPRESSIVE

STRENGTH SHALL EXCEED I'M OR 2000 PSI, WHICHEVER IS GREATER. 9. WHERE GROUTED CELLS DO NOT EXCEED 4" IN DIAMETER, FINE GROUT SHALL BE USED.

10. INSTALL HEAVY DUTY JOINT REINFORCEMENT AT 16" O.C. (SPACED VERTICALLY). 11. IN EXISTING RUBBLE AND BRICK MASONRY WALLS, INFILL UNUSED JOIST AND BEAM POCKETS WITH BRICK. THE MASONRY

SUBCONTRACTOR SHALL PROVIDE AN ALLOWANCE IN THEIR BID/PRICING FOR THIS WORK. 12. UNLESS NOTED OTHERWISE, ALL MASONRY WALLS SHALL BE REINFORCED WITH #4 @ 48" VERTICAL. GROUT ALL REINFORCED MASONRY CELLS SOLID. PROVIDE DOWELS TO MATCH VERTICAL REINFORCING AT FOUNDATION.

INSPECTIONS AND TESTING

INSPECTIONS REQUIRED BY THE INTERNATIONAL BUILDING CODE SHALL BE PERFORMED BY A TESTING AGENCY PROVIDED BY THE OWNER FOR THE FOLLOWING ITEMS: A. WELDING

B. SUBGRADE FOR FOUNDATIONS

. HIGH STRENGTH BOLTING D. QUALITY CONTROL OF CONCRETE MATERIALS, BATCHING, STRENGTH, SLUMP, AIR CONTENT, UNIT WEIGHT, TEMPERATURE, FORMS, SIZE AND PLACEMENT OF REINFORCEMENT.

E. STABILITY OF BUILDING CONSTRUCTION. 2. THE TESTING AGENCY FOR THE INSPECTIONS SHALL FILE ALL APPROPRIATE FORMS WITH THE BUILDING DEPARTMENT.

FRAMING LUMBER

1. FRAMING LUMBER SHALL HAVE EACH PIECE GRADE STAMPED, SHALL BE SURFACED DRY (EXCEPT STUDS, WHICH SHALL BE KILN-DRIED) AND SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADE:

RAFTERS AND JOISTS: HEM-FIR #2 OR SPRUCE-PINE-FIR #2 BEAMS, GIRDERS AND HEADERS: HEM-FIR #1 OR SPRUCE-PINE-FIR #1

STUDS AND PLATES: HEM-FIR STUD GRADE OR SPRUCE-PINE-FIR STUD GRADE 2. TIMBER LUMBER SHALL CONFORM TO THE FOLLOWING SPECIES AND GRADE: POST AND TIMBER: HEM-FIR #1 OR SPRUCE-PINE-FIR #1

GREATER THAN 8" DEEP SHALL BE SPIKED TOGETHER WITH (3) 16D NAILS @ 16" O.C.

7. NO NEW OR EXISTING JOISTS SHALL BE CUT OR NOTCHED WITHOUT APPROVAL.

BEAMS AND STRINGERS: HEM-FIR #1 OR SPRUCE-PINE-FIR #1 3. ALL WOOD FRAMING INCLUDING DETAILS" FOR BRIDGING, BLOCKING, FIRE STOPPING, ETC., SHALL CONFORM TO THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND ITS SUPPLEMENTS AND SHALL BE

INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE (SEE DESIGN LOADS AND FACTORS TABLE FOR IRC 4. FASTENÍNG SHALL BE IN ACCORDANCE WITH THE MOST RESTRICTIVE OF: THE INTERNATIONAL RESIDENTIAL CODE, OR THE

18 GAUGE, INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. 6. WHERE FRAMING LUMBER IS FLUSH FRAMED TO MICROLLAM, STEEL OR FLITCH-PLATE GIRDER, SET THESE GIRDERS 1/4" BUILT-UP BEAMS LESS THAN 8" DEEP SHALL BE SPIKED TOGETHER WITH (2) 16D NAILS @ 16" O.C. BUILT-UP BEAMS

MANUFACTURER'S RECOMMENDED FASTENING SCHEDULES. (SEE DESIGN LOADS AND FACTORS TABLE FOR IRC EDITION)

5. ALL FLUSH FRAMED CONNECTIONS SHALL BE MADE WITH APPROVED GALVANIZED STEEL JOIST OR BEAM HANGERS, MINIMUM

ENGINEERED WOOD PRODUCTS

1. RIM BOARDS: PROVIDE CONTINUOUS 1¼" THICK RIM BOARDS, TIMBERSTRAND LSL AS MANUFACTURED BY ILEVEL BY WEYERHAUSER, OR APPROVED EQUAL. INSTALL IN COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AT THE

PERIMETER OF ALL FLOOR PLATFORMS. 2. MICROLLAM BEAMS: PROVIDE ENGINEERED BEAMS, SIZES AS SHOWN, MICROLLAM LVL (Fb=2600 PSI, E=1,900,000 PSI) OR

PARALLAM PSL (Fb=2900 PSI, E=2,000,000 PSI) AS MANUFACTURED BY ILEVEL BY WEYERHAUSER OR APPROVED EQUAL. INSTALL IN STRICT COMPLIANCE WITH THE MANUFACTURER'S STANDARD RECOMMENDATIONS AND DETAILS.

		DES	IGN LOADS	S AND FACTORS	DESIGN	I CODE: 2008 DCMR 12A (IBC 2006)	
LIVE LOADS		SNOW LOADS		WIND DESIGN PARAMER	RS	SEISMIC DESIGN PARAMETERS	
ROOF AREA	LOAD (PSF)	LOAD TYPE	LOAD (PSF)	PARAMETER	VALUE	PARAMETER	VALUE
ROOF	20*	SNOW	30	BASIC WIND SPEED	90 MPH	SHORT PERIOD MAP VALUE (SDS)	0.102g
CORRIDOR	100	DRIFT	N/A	WIND EXPOSURE	В	1.0 SEC. PERIOD MAP VALUE (S _{D1})	0.033g
				IMPORTANCE FACTOR	1.15		
		PARAMETER	VALUE				
		GROUND SNOW LOAD (Pg)	30				
		SNOW EXPOSURE FACTOR (Ce)	1.0				
		SNOW LOAD IMPORTANCE FACTOR (I)	1.1				
		TERRAIN EXPOSURE	В				
SPECIAL CONSIDERATIONS	<u> </u> :	SPECIAL CONSIDERATIONS:		SPECIAL CONSIDERATIONS:		SPECIAL CONSIDERATIONS:	
* SNOW LOAD GOVERNS ROOF DESIGN				20PSF MIN PER DCMR 12A		LATERAL ANALYSIS NOT PERFORMED AS PART OF THIS PROJECT.	

Attachment B

C	CONNECTI	ON SCHEDULE
CONNECTION # (SEE PLAN)	CONNECTION DESIGNATION	COMMENTS
1	LUS214-2	FACE MOUNT HANGER, SHIM AS REQUIRED TO FIT EXISTING JOIST

CONNECTION DESIGNATIONS AS LISTED REFER TO SIMPSON STRONG-TIE WOOD CONSTRUCTION CONNECTORS. EQUIVALENT CONNECTORS MAY BE SUBSTITUTED WITH ENGINEER'S APPROVAL.

RSA STANDARD ABBREVIATIONS

•	KOA STANDAKO ADE		
ADD'L	ADDITIONAL		INFORMATION
	ADJACENT		INTERIOR
A/E ALT.	DESIGN TEAM OF RECORD ALTERNATE	JT. K	JOINT KIPS
ALT. ANC.	ANCHOR		POUND
	APPROXIMATE		LIVE LOAD
	ARCHITECTURAL/ARCHITECT		LONG LEG HORZONTAL
	BOTTOM OF		LONG LEG VERTICAL
	BUILDING		LONG WAY
	BEAM		LOW POINT
	ВОТТОМ		LIGHTWEIGHT
	BEARING	MAS.	MASONRY
BSMT.	BASEMENT		MAXIMUM
	CANTILEVER		MECHANICAL
	COLD FORMED STEEL		MECH., ELECT., PLUMBING, & F.P.
	CAST IN PLACE		MANUFACTURER
	CONTROL JOINT		MINIMUM
	CEILING		MISCELLANEOUS
	CLEAR		MASONRY OPENING
CMU COL.	CONCRETE MASONRY UNIT COLUMN		NEAR FACE NOT IN CONTRACT
	COMPOSITE		NUMBER
	CONCRETE		NEAR SIDE
	CONSTRUCTION		NOT TO SCALE
	CONTINUOUS		ON CENTER
	COORDINATE		OUTSIDE DIAMETER
	CONTRACTOR		OUTSIDE FACE
	CONTRACT OFFICER'S TECHNICAL REP.		OPENING
	CENTER		OPPOSITE
	DOUBLE		POWER ACTUATED FASTENER
	DEMOLITION		PIECE
	DETAIL		PRECAST CONCRETE
	DIAMETER		PEDESTAL
	DIAGONAL		PERPENDICULAR
	DIMENSION		PLATE
	DEAD LOAD		POUNDS PER LINEAR FOOT
	DOWN		PREFABRICATED POUNDS PER SQUARE FOOT
	DITTO	PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
DWG(S) DWL.	DRAWING(S) DOWEL	P-T	POST-TENSIONED
	EACH	REINF.	REINFORCE(D), REINFORCEMENT
	EDGE OF		REQUIRED
E.F.	EACH FACE		REVISION
	EXPANSION JOINT		ROOM
	ELEVATION	SCHED.	SCHEDULE
	ELECTRICAL	SECT.	SECTION
	ELEVATOR	SIM.	SIMILAR
	EMBEDMENT		STEP IN FOOTING
	ENGINEER		SLAB ON GRADE
	ENGINEER OF RECORD		SPECIFICATION
	EQUAL		SQUARE
	EACH SIDE EXPANSION	S.S. STD.	STAINLESS STEEL STANDARD
	EXTERIOR	STIFF.	STIFFENER
	EACH WAY	STIR.	STIRRUP
	FOUNDATION	STL.	STEEL
	FINISH		STRUCTURAL
	FLOOR	S-W	SHORT WAY
FRMG.	FRAMING	SYM.	SYMMETRIC
F.S.	FAR SIDE		TOP OF
	FEET	Ť&В	TOP & BOTTOM
	FOOTING	TEMP.	TEMPORARY
	FIRE PROTECTION	THK.	THICK(NESS)
	GALVANIZED	TR.	TRANSFER
	GALVANIZED CRADE DEAM		TYPICAL
	GRADE BEAM	U.N.O. VERT.	UNLESS NOTED OTHERWISE
	HEADER HANGER	W/	VERTICAL WITH
	HORIZONTAL	W/ W.P.	WORK POINT
	HIGH POINT	W-P	WATERPROOFING
	HEIGHT	W.W.F.	WELDED WIRE FABRIC
	HEATING, VENTILATION, & AIR CONDITIONING		NUMBER/SIZE
	INSIDE DIAMETER	# & ø	CENTERLINE
I.F.	INSIDE FACE	ø	DIAMETER
I.J.	ISOLATION JOINT	P	PLATE
	BO. ADILIDIDA ADDONALA TOTAL	_	TUDEO
	RSA STANDARD ABBREVIATIONS FOR		IUKES
(C.E.)	CONCRETE ENCASED MEMBER	T.C.	TERRACOTTA
Č.I.	CAST IRON	U-P	UNDERPINNING
/ c \	EVICTING MEMBED OF DIMENSION	VIE	VERIEV IN FIFI D

RSA STANDARD ABBREVIATIONS FOR WOOD STRUCTURES

T & G

VERIFY IN FIELD

SQUARE

PRESERVATIVE TREATED ROUGH OPENING

TONGUE AND GROOVE

EXISTING MEMBER OR DIMENSION

GLUELAMINATED LUMBER

LAMINATED STRAND LUMBER

LAMINATED VENEER LUMBER

PARALLEL STRAND LUMBER

EXISTING

NOMINAL

ÈXIST.

NOM.

LEGEND EXIST. BRICK MASONRY BRICK MASONRY EXIST. CONCRETE MASONRY (CMU) CONCRETE MASONRY (CMU) EXIST. CONCRETE WALL CONCRETE WALL EXIST. WOOD BEARING WALL WOOD BEARING WALL (2x4 @ 16" INT, 2x6 @ 16" EXT. U.N.O.) Z...—..—..._ EXIST. WOOD JOIST ∠···—··—O EXIST. WOOD RAFTER -··- EXIST. WOOD BEAM ✓ — – — O WOOD RAFTER — — — — WOOD BEAM DENOTES CONNECTION REQUIREMENTS (SEE SCHED.)

Key Plan

TN ROBERT SILMAN ASSOCIATES

STRUCTURAL ENGINEERS

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1053 31st Street NW

Washington, DC 20007

| Date | Change Description



Suite 900

PERMIT SET

Maury Elementary School 1250 Constitution Avenue, NE Washington, DC 20002 Office of Public Education Facilities Modernization

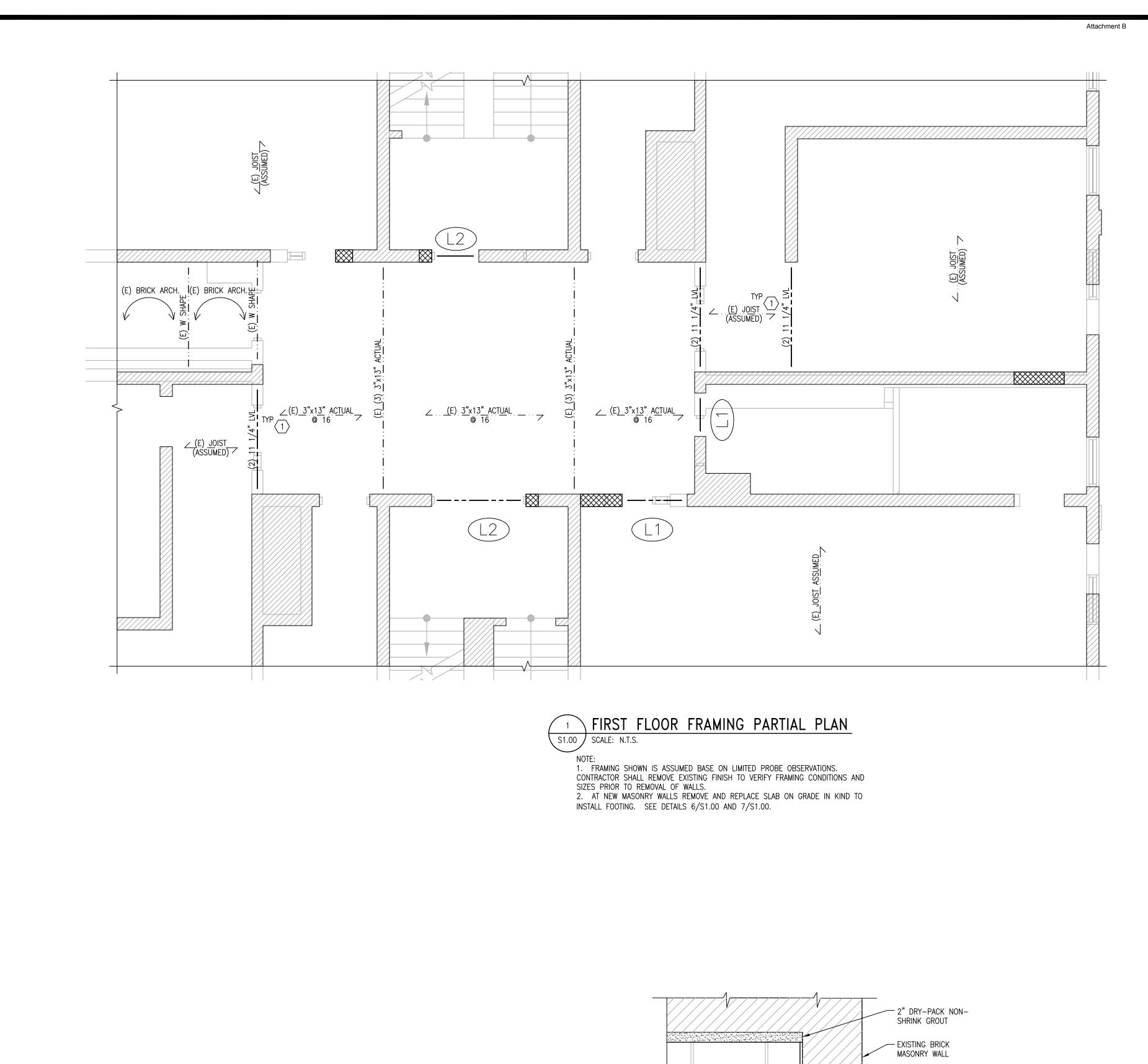
MOODY-NOLAN-DC 5335 Wisconsin Ave., NW Phone: 202.244.4199

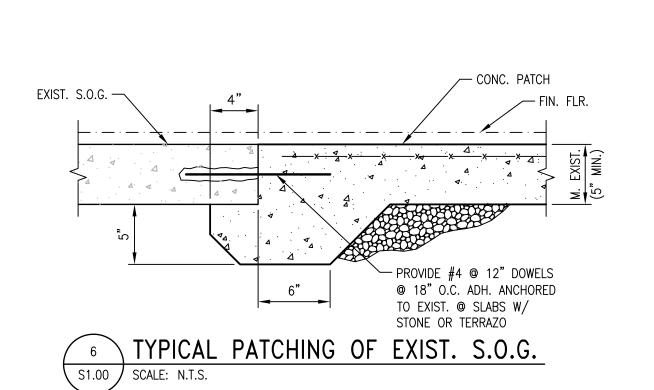
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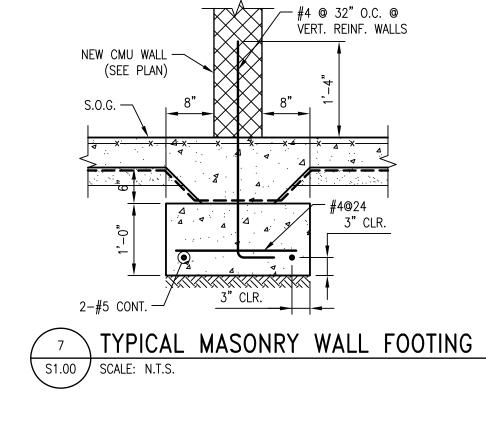
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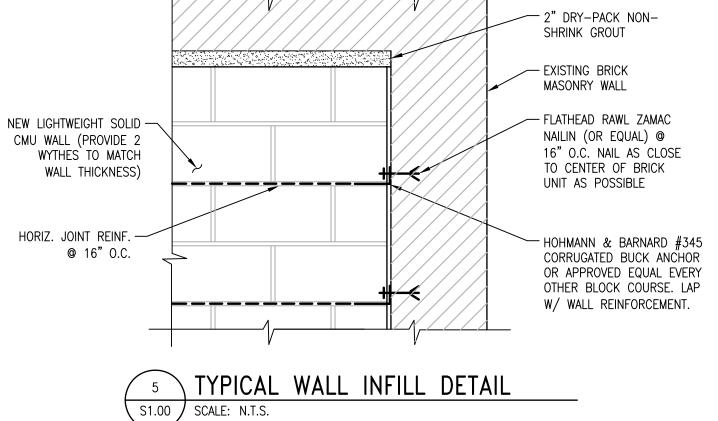
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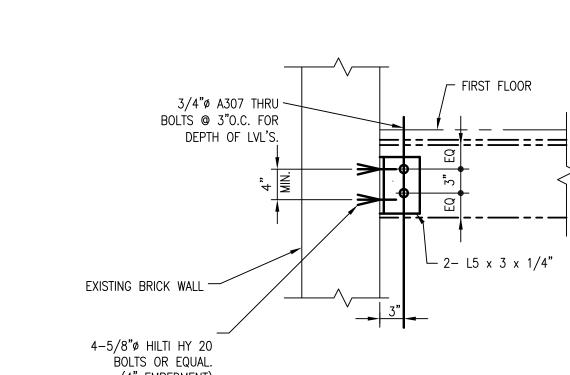
MAY 19, 2011











BEARING WALL LINTEL SCHEDULE								
MARK	LOCATION	ROUGH OPNG. WIDTH	WALL THK. (V.I.F.)	LINTEL COMPOSITION	MIN. BEARING	BEARING REACTION	BEARING PLATE	DETAIL/REMARKS
<u>(1)</u>	SEE PLAN	4'-0" MAX.	VARIES	L4x3½x¾6 FOR EACH 4" OF WALL CONSTRUCTION	6"	_	-	2/S1.00 & 3/S1.00
<u>L2</u>	SEE PLAN	7'-0" MAX.	VARIES	L6x3½x¾6 FOR EACH 4" OF WALL CONSTRUCTION	6"	_	-	2/S1.00 & 3/S1.00

NOTES: 1. LINTELS SHOWN ON PLAN DRAWINGS ARE BELOW FLOOR LEVEL. 2. SEE 2/S1.00 FOR INSTALLATION RECOMMENDATIONS AND 3/S1.00 FOR BEARING DETAILS. 3. CONTRACTOR SHALL COORDINATE VERIFY ROUGH OPENING DIMENSIONS AND LOCATIONS WITH ARCH. & MEP DRAWINGS
4. CONTRACTOR SHALL VERIFY WALL THICKNESSES SHOWN AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.

5. 6. NO OPENINGS PERMITTED BEAM BEARING LOCATIONS.

² LINTEL INSTALLATION SUGGESTED PROCEDURE S1.00 SCALE: N.T.S.

. INSTALL TEMPORARY FLOOR SHORING AS NECESSARY USING ADJUSTABLE POSTS OR FRAMING ON EACH SIDE OF BEARING WALL IMMEDIATELY ABOVE NEW LINTEL.

2. REMOVE A FULL HEIGHT SECTION OF EXISTING MASONRY OPENING. THIS SECTION WILL BE APPROXIMATELY 2'-0" WIDE X FULL WALL THICKNESS. REBUILD JAMB IN MASONRY, FORMING A MINIMUM 8" SOLID JAMB, FULLY TOOTHED INTO THE EXISTING MASONRY. THE JAMB IS TO BEAR ON THE EXISTING WALL OR FOOTING BELOW.

- 3. REPEAT STEP 2 ON THE OPPOSITE JAMB.
- 4. INSTALL LINTELS ON WYTHE AT A TIME.
- 5. INSTALL FIRST STEEL LINTEL AND TEMPORARY BLOCKING AT 2'-0" BETWEEN TOP FLANGE AND UNDERSIDE OF EXISTING MASONRY AS NECESSARY. DRYPACK BEARING ENDS OF BEAMS TO NEW JAMBS WITH NON-SHRINK GROUT.
- 6. ALLOW 12 HOURS FOR CURING, THEN REMOVE SHORING.

MASONRY PACK SOLID W/ MASONRY
AND NON-SHRINK GROUT

➤ NEW ANGLE LINTELS, ONE FOR EACH 4" OF WALL WIDTH. SEE SCHEDULE FOR SIZE. NOTE: NEW LINTELS IN EXTERIOR MASONRY WALLS SHALL BE

HOT-DIPPED GALVANIZED.

TYP. ANGLE LINTEL IN EXIST. WALL S1.00 SCALE: N.T.S.

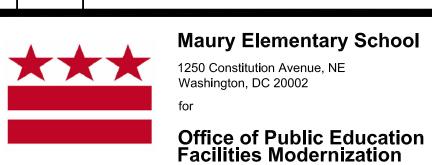
Key Plan

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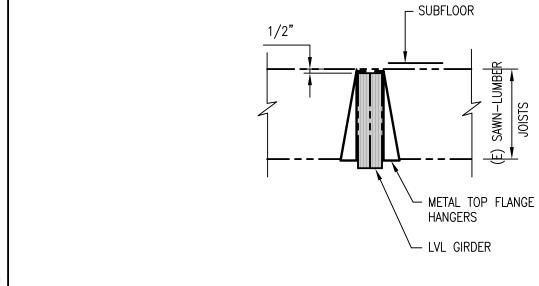


Maury Elementary School 1250 Constitution Avenue, NE Washington, DC 20002

MOODY-NOLAN-DC

5335 Wisconsin Ave., NW Phone: 202.244.4199 Fax: 202.244.2997 Washington, DC 43232 www.moodynolan.com Dwg. Coord.: Tech. Coord.:____

M/N # 11360.01 MAURY - 1886 WING FRAMING PLAN & DETAILS PERMIT SET MAY 19, 2011



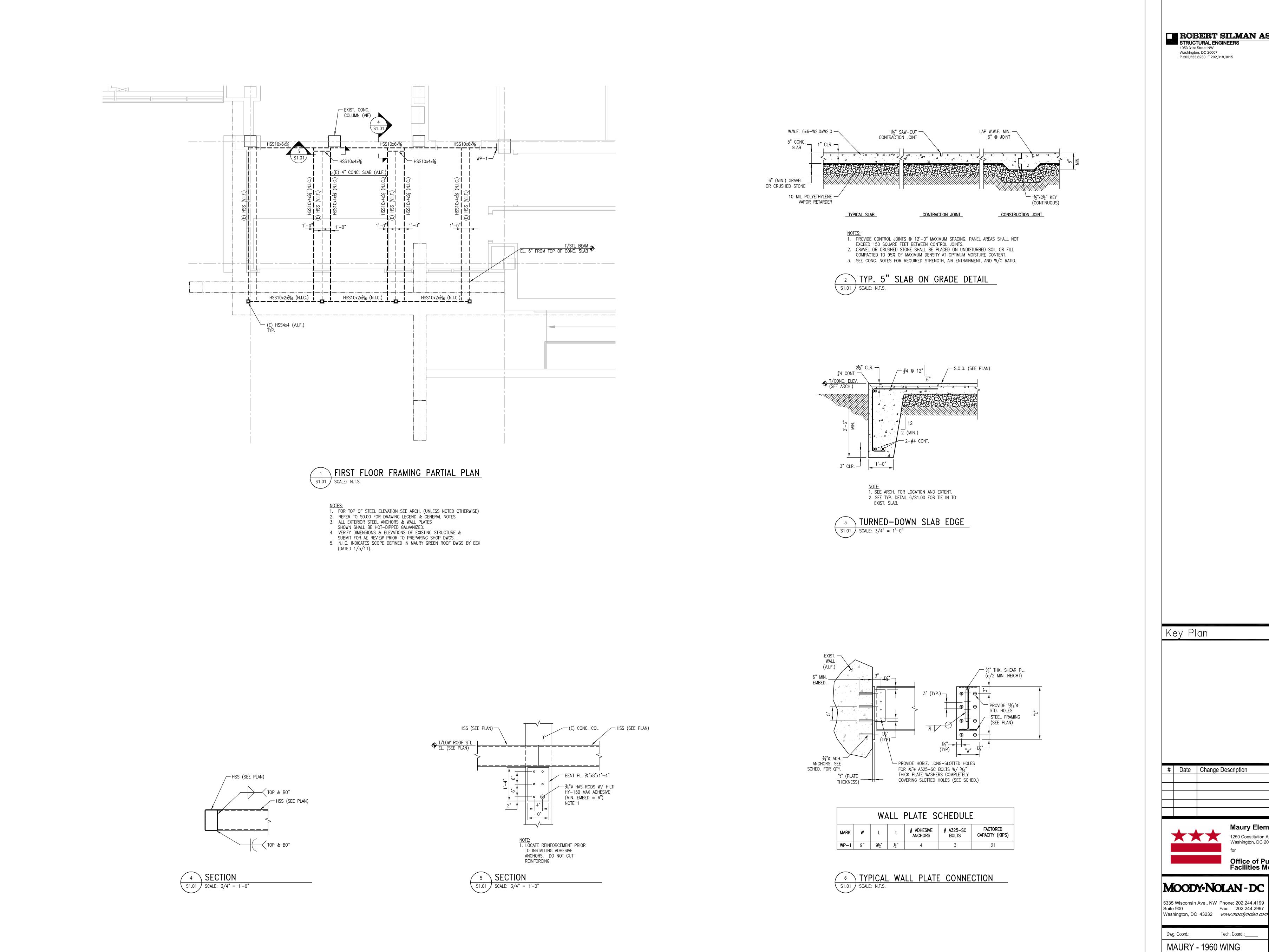
4 NOT USED

\ S1.00 / SCALE: N.T.S.

8 TO LVL GIRDERS

TYPICAL SAWN LUMBER JOISTS S1.00 SCALE: 1" = 1'-0"

└ 2- L5 x 3 x 1/4" 4–5/8"ø HILTI HY 20 BOLTS OR EQUAL. (4" EMBEDMENT) TYPICAL LVL CONNECTION DETAIL 9 AT EXISTING WALL S1.00 | SCALE: N.T.S.



Attachment B

ROBERT SILMAN ASSOCIATES
STRUCTURAL ENGINEERS 1053 31st Street NW Washington, DC 20007 P 202.333.6230 F 202.318.3015

Key Plan

Date Change Description

Maury Elementary School 1250 Constitution Avenue, NE Washington, DC 20002

Office of Public Education Facilities Modernization

MAY 19, 2011

MOODY-NOLAN-DC 5335 Wisconsin Ave., NW Phone: 202.244.4199 Suite 900 Fax: 202.244.2997

PERMIT SET

Tech. Coord.:____ Dwg. Coord.: M/N # 11360.01 MAURY - 1960 WING FRAMING PLAN & DETAILS