

PROPOSED 3 STORY, SINGLE FAMILY HOME  
625 E. OAKWOOD BLVD.  
CHICAGO, ILLINOIS

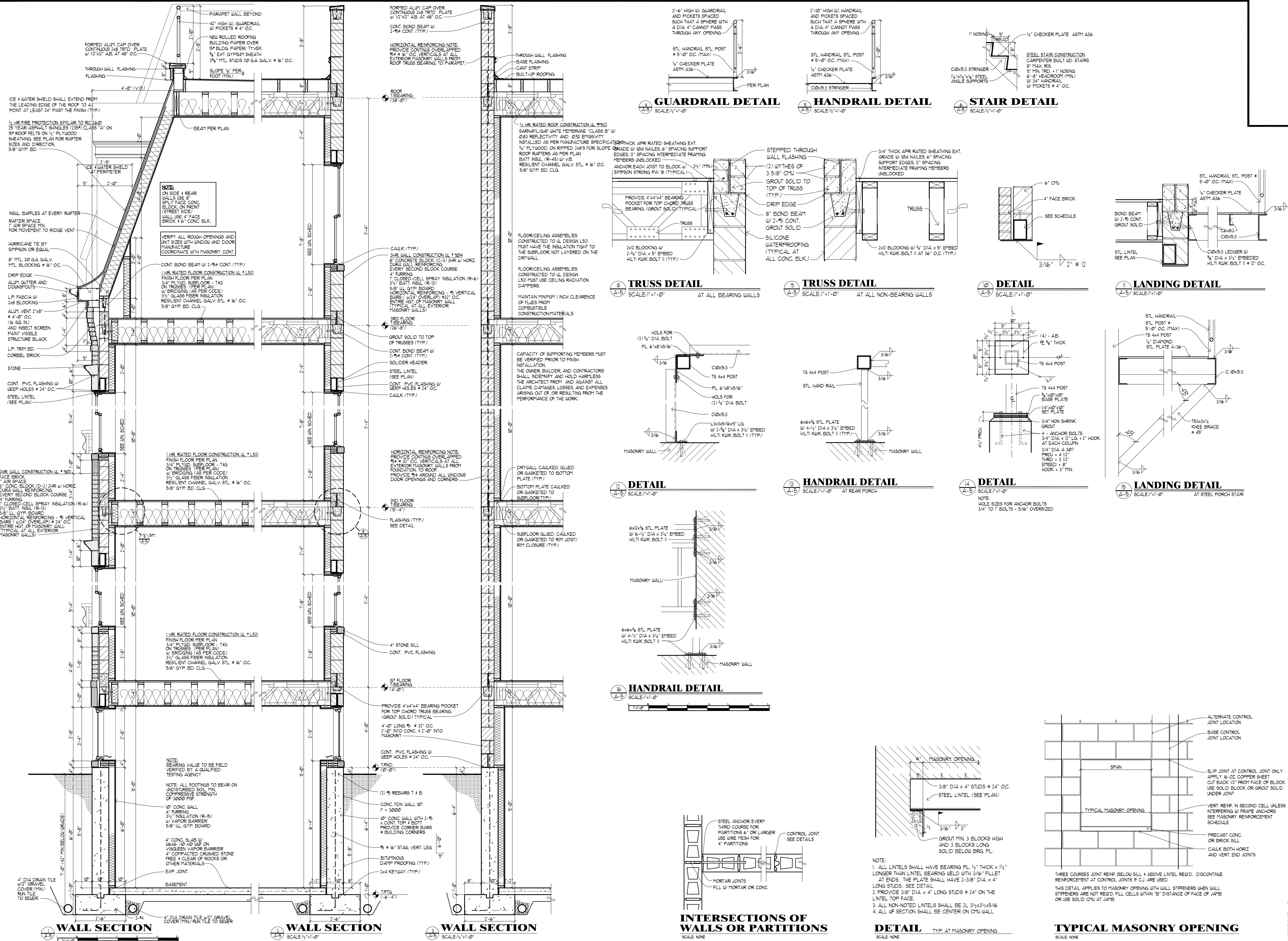
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WALL SECTION SCALE: 1/4"=1'-0"

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

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

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

TRUSS DETAIL AT ALL BEARING WALLS SCALE: 1/4"=1'-0"

TRUSS DETAIL AT ALL NON-BEARING WALLS SCALE: 1/4"=1'-0"

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

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

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

HANDRAIL DETAIL AT REAR PORCH SCALE: 1/4"=1'-0"

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

LANDING DETAIL AT STEEL PORCH STAIR SCALE: 1/4"=1'-0"

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

DETAIL TYP. AT MASONRY OPENING SCALE: NONE

TYPICAL MASONRY OPENING SCALE: NONE

INTERSECTIONS OF WALLS OR PARTITIONS SCALE: NONE

NOTE:  
ON SIDE 4 REAR WALLS USE 2" SPIT FACE CONC. BLOCK ON FRONT (STREET SIDE) WALL USE 4" FACE BRICK & 6" CONC. BLK.  
VERIFY ALL ROUGH OPENINGS AND UNIT SIZES WITH WINDOW AND DOOR MANUFACTURER. COORDINATE WITH MASONRY CONT.

1 HR. RATED FLOOR CONSTRUCTION UL-152  
FINISH FLOOR PER PLAN  
3/4" PL. TYP. SUBFLOOR TAG ON TRUSSES (PER PLAN)  
BRIDGING (AS PER CODE)  
3 1/2" GLASS FIBER INSULATION  
RESILIENT CHANNEL GALV. STL. # 16" O.C.  
5/8" GYP. BD. CLG.

1 HR. RATED FLOOR CONSTRUCTION UL-152  
FINISH FLOOR PER PLAN  
3/4" PL. TYP. SUBFLOOR TAG ON TRUSSES (PER PLAN)  
BRIDGING (AS PER CODE)  
3 1/2" GLASS FIBER INSULATION  
RESILIENT CHANNEL GALV. STL. # 16" O.C.  
5/8" GYP. BD. CLG.

NOTE: BEARING VALUE TO BE FIELD VERIFIED BY A QUALIFIED TESTING AGENCY.  
NOTE: ALL FOOTINGS TO BEAR ON UNDISTURBED SOIL. MIN. COMPRESSIVE STRENGTH OF 3000 PSF.  
10" CONC. WALL  
4" FURRING  
3 1/2" INSULATION (R-15)  
1/2" VAPOR BARRIER  
3/8" UL GYP. BOARD

4" DIA DRAIN TILE W/ 1/2" GRAVEL COVER (MIN. RIN TILE TO SEWER)

2 HR. WALL CONSTRUCTION UL-302  
FACE BRICK  
6" CONC. BLOCK (D-2) 2 HR. W/ HORIZ DURA WALL REINFORCING EVERY SECOND BLOCK COURSE  
4" FURRING  
1" CLOSED-CELL SPRAY INSULATION (R-6)  
3 1/2" BATT INSUL. (R-13)  
5/8" UL GYP. BOARD  
HORIZONTAL REINFORCING BARS (1/2" OVER LAP) # 24" O.C. ENTIRE HGT. OF MASONRY WALL TYPICAL AT ALL EXTERIOR MASONRY WALLS

2 HR. WALL CONSTRUCTION UL-302  
FACE BRICK  
6" CONC. BLOCK (D-2) 2 HR. W/ HORIZ DURA WALL REINFORCING EVERY SECOND BLOCK COURSE  
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10" CONC. WALL  
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1/2" VAPOR BARRIER  
3/8" UL GYP. BOARD

4" DIA DRAIN TILE W/ 1/2" GRAVEL COVER (MIN. RIN TILE TO SEWER)

1/2 HR. RATED ROOF CONSTRUCTION UL-552  
SARNAFUGAF WHITE MEMBRANE "CLASS B" W/ 0.83 REFLECTIVITY AND 0.93 EMISSIVITY  
INSTALLED AS PER MANUFACTURE SPECIFICATIONS  
1/2" FLYWOOD ON RIPPED 2x6'S FOR SLOPE GRADE W/ 10x NAILS @ 6" SPACING SUPPORT EDGES 12" SPACING INTERMEDIATE FRAMING MEMBERS UNBLOCKED  
ANCHOR EACH JOIST TO BLOCK W/ 3/4" (MIN.) SIMPSON STRONG PAIL # (TYPICAL)

FLOOR/CEILING ASSEMBLIES CONSTRUCTED TO UL DESIGN L521 MUST HAVE THE INSULATION TIGHT TO THE SUBFLOOR NOT LAYERED ON THE DRYWALL  
FLOOR/CEILING ASSEMBLIES CONSTRUCTED TO UL DESIGN L521 MUST USE CEILING RADIATION DAMPERS.  
MAINTAIN MINIMUM 1 INCH CLEARANCE OF FLUES FROM COMBUSTIBLE CONSTRUCTION MATERIALS

DRYWALL CAULKED/ GLOUED OR GASKETED TO BOTTOM FLATE (TYP.)  
BOTTOM FLATE CAULKED OR GASKETED TO SUBFLOOR (TYP.)  
SUBFLOOR GLOUED, CAULKED OR GASKETED TO RYM JOIST/ RIM CLOSURE (TYP.)

4" STONE SILL  
CONT. PVC FLASHING  
PROVIDE 4"x4" BEARING POCKET FOR TOP CHORD TRUSS BEARING (GROUT SOLID) TYPICAL  
4'-0" LONG # 5 # 32" O.C. 2'-0" INTO CONC. 4'-0" INTO MASONRY  
CONT. PVC FLASHING W/ WEEP HOLES # 24" O.C.  
TYP. (1'-0")

(2) # 5 REBAR T & B  
CONC. FON. WALL 10" F + 3000  
10" CONC. WALL WITH 2-5 X CONT. TOP & BOT. PROVIDE CORNER BARS # BUILDING CORNERS  
5 # 16" STAG. VERT. LEG  
BITUMINOUS DAMP PROOFING (TYP.)  
2x4 KEYWAY (TYP.)

3'-6" HIGH W/ GUARDRAIL AND PICKETS SPACED SUCH THAT A SPHERE WITH A DIA. 4" CANNOT PASS THROUGH ANY OPENING  
STL. HANDRAIL STL. POST # 5'-0" O.C. (MAX)  
1/4" CHECKER PLATE ASTM A36  
PER PLAN

2x6 BLOCKING W/ 2-3/4" DIA. x 5' EMBED HLTI KULK BOLT II (TYP.)  
STEPPED THROUGH WALL FLASHING  
(2) WYTHES OF 3 5/8" CMU  
GROUT SOLID TO TOP OF TRUSS (TYP.)  
DRIP EDGE  
6" BOND BEAM W/ 2-5" CONT. GROUT SOLID  
SILICONE WATERPROOFING (TYPICAL AT ALL CONC. BLK.)  
2x2 BLOCKING W/ 3/4" DIA. x 5' EMBED HLTI KULK BOLT II AT 36" O.C. (TYP.)

HOLDS FOR (2) 3/4" DIA. BOLT PL. 6"x8"x5/16"  
TS 4x4 POST  
HOLDS FOR (2) 3/4" DIA. BOLT  
C10x15.3  
L3x3x5/16x9" LG. W/ 2-3/8" DIA x 3/4" EMBED HLTI KULK BOLT II (TYP.)

6x6x5/8" STL. PLATE W/ 6-1/2" DIA x 3/4" EMBED HLTI KULK BOLT II  
6x6x5/8" STL. PLATE W/ 4-1/2" DIA x 3/4" EMBED HLTI KULK BOLT II

2'-10" HIGH W/ HANDRAIL AND PICKETS SPACED SUCH THAT A SPHERE WITH A DIA. 4" CANNOT PASS THROUGH ANY OPENING  
STL. HANDRAIL STL. POST # 5'-0" O.C. (MAX)  
1/4" CHECKER PLATE ASTM A36  
C10x15.3 STRINGER  
1/2"x1/2"x1/2" STEEL ANGLE SUPPORTS

STEPPED THROUGH WALL FLASHING  
(2) WYTHES OF 3 5/8" CMU  
GROUT SOLID TO TOP OF TRUSS (TYP.)  
DRIP EDGE  
6" BOND BEAM W/ 2-5" CONT. GROUT SOLID  
SILICONE WATERPROOFING (TYPICAL AT ALL CONC. BLK.)  
2x2 BLOCKING W/ 3/4" DIA. x 5' EMBED HLTI KULK BOLT II AT 36" O.C. (TYP.)

TS 4x4 POST  
STL. HAND RAIL  
6x6x5/8" STL. PLATE W/ 4-1/2" DIA x 3/4" EMBED HLTI KULK BOLT II (TYP.)

6x6x5/8" STL. PLATE W/ 4-1/2" DIA x 3/4" EMBED HLTI KULK BOLT II

1" NOSH  
3" TREAD  
1/4" CHECKER PLATE ASTM A36  
STEEL STAIR CONSTRUCTION  
CARPENTER BUILT W.D. STAIRS  
8" MAX. RIS. 9" MIN. TRED. 1" NOSH  
6'-8" HEADROOM (MIN)  
W/ 3/4" HANDRAIL  
W/ PICKETS # 4" O.C.

4" FACE BRICK  
SEE SCHEDULE  
STL. HANDRAIL STL. POST # 5'-0" O.C. (MAX)  
1/4" CHECKER PLATE ASTM A36  
C10x15.3 LEDGER W/ 3/8" DIA x 3/4" EMBED HLTI KULK BOLT II # 12" O.C.

TS 4x4 POST  
TS 4x4 POST  
1/4"x10"x10" BASE PLATE  
1/4"x10"x10" SET PLATE  
3/4" NON SHRINK GROUT  
4 - ANCHOR BOLTS 3/4" DIA x 7" LG. + 2" HOOK AT EACH COLUMN  
3/4" DIA. A 307 PROJ. + 4 1/2" EMBED + 8" HOOK + 3" MIN.

MASONRY OPENING  
3/8" DIA x 4" STUDS # 24" O.C.  
STEEL LINTEL (SEE PLAN)  
GROUT MIN. 3 BLOCKS HIGH AND 3 BLOCKS LONG SOLID BELOW BRG. PL.

NOTE:  
1. ALL LINTELS SHALL HAVE BEARING PL. 1/2" THICK x 1/2" LONGER THAN LINTEL BEARING WELD WITH 3/16" FILLET AT ENDS. THE PLATE SHALL HAVE 2-3/8" DIA. x 4" LONG STUDS. SEE DETAIL.  
2. PROVIDE 3/8" DIA. x 4" LONG STUDS # 24" ON THE LINTEL TOP FACE.  
3. ALL NON-NOTED LINTELS SHALL BE 2L 3/8"x3/8"x1/16"  
4. ALL UP SECTION SHALL BE CENTER ON CMU WALL

THREE COURSES JOINT REIN. BELOW SILL & ABOVE LINTEL REQ'D. DISCONTINUE REINFORCEMENT AT CONTROL JOINTS IF C.J. ARE USED  
THIS DETAIL APPLIES TO MASONRY OPENING WITH WALL STIFFENERS WHEN WALL STIFFENERS ARE NOT REQ'D. FILL CELLS WITHIN "B" DISTANCE OF FACE OF JAMB OR USE SOLID CMU AT JAMB

3/8" DIA x 4" STUDS # 24" O.C.  
STEEL LINTEL (SEE PLAN)

ALTERNATE CONTROL JOINT LOCATION  
BASE CONTROL JOINT LOCATION

SLIP JOINT AT CONTROL JOINT ONLY APPLY 1/2" OZ COPPER SHEET CUT BACK 1/2" FROM FACE OF BLOCK USE SOLID BLOCK OR GROUT SOLID UNDER JOINT  
VERT. REIN. IN SECOND CELL UNLESS INTERFERING W/ FRAME ANCHORS SEE MASONRY REINFORCEMENT SCHEDULE  
PRECAST CONC. OR BRICK SILL  
CAULK BOTH HORIZ. AND VERT. END JOINTS

SPAN  
TYPICAL MASONRY OPENING

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