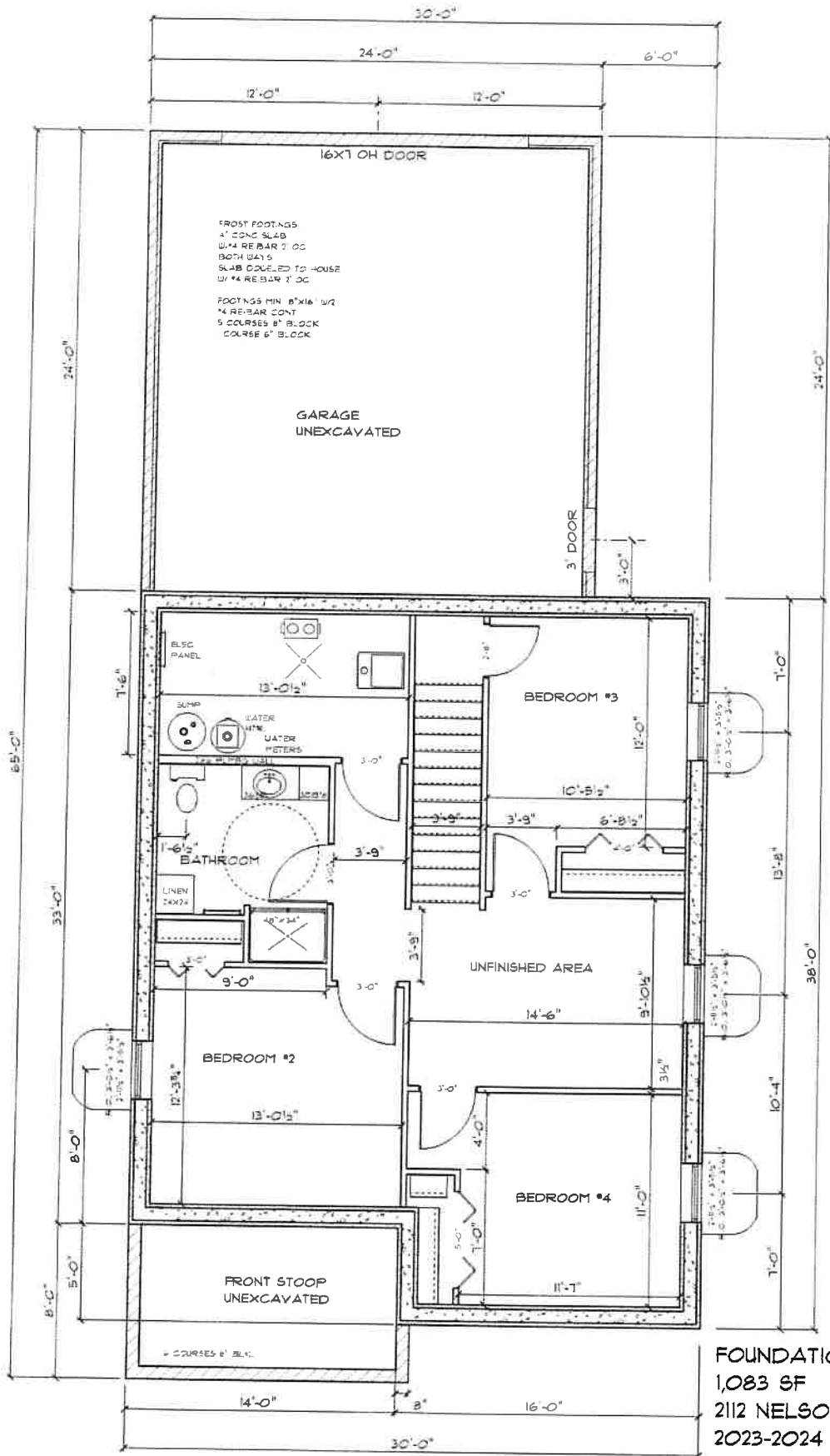


NOTE: EXTERIOR DIMENSIONS ARE TO SHEATHING.

INTERIOR DIMENSIONS ARE TO FRAMING.

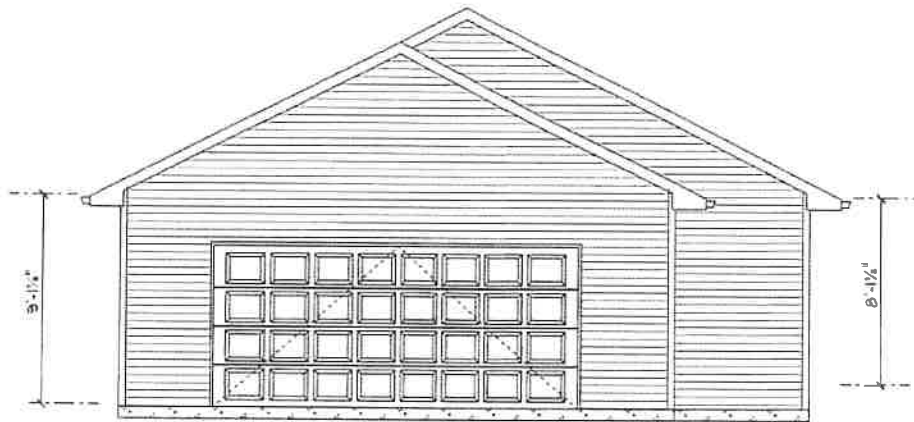
MAIN FLOOR PLAN 1,083 SF
 2112 NELSON ST., ST. PETER
 2023-2024 HIGH SCHOOL BUILD
 DRWN BY: T. ENDRESEN 6 JULY 2023
 OPTION #3



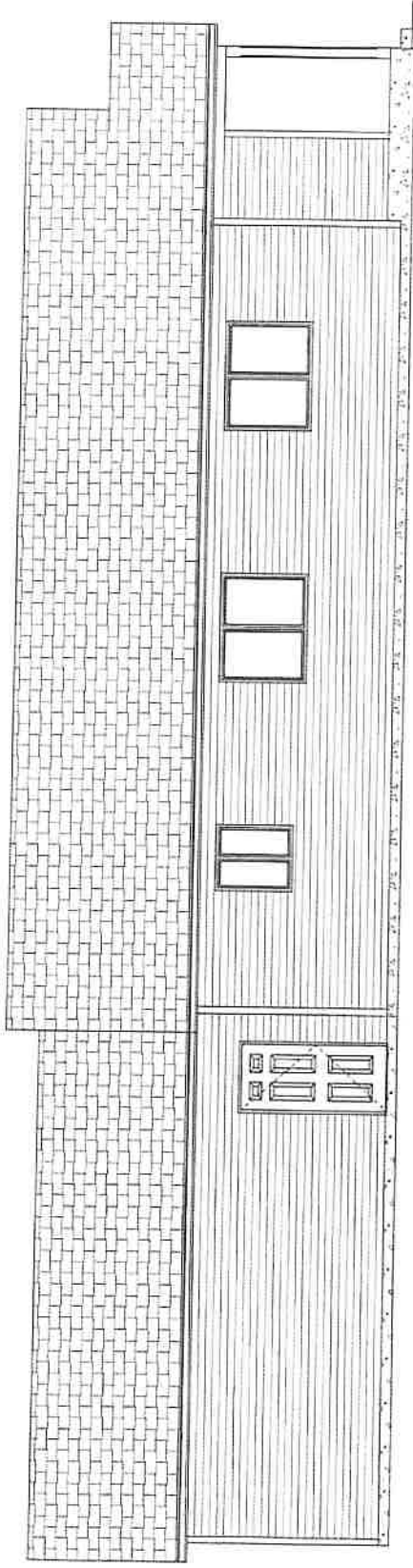
FOUNDATION/LOWER LEVEL PLAN
 1,083 SF
 2112 NELSON ST., ST. PETER
 2023-2024 HIGH SCHOOL BUILD
 OPTION #3 DRWN: 6 JULY 2023



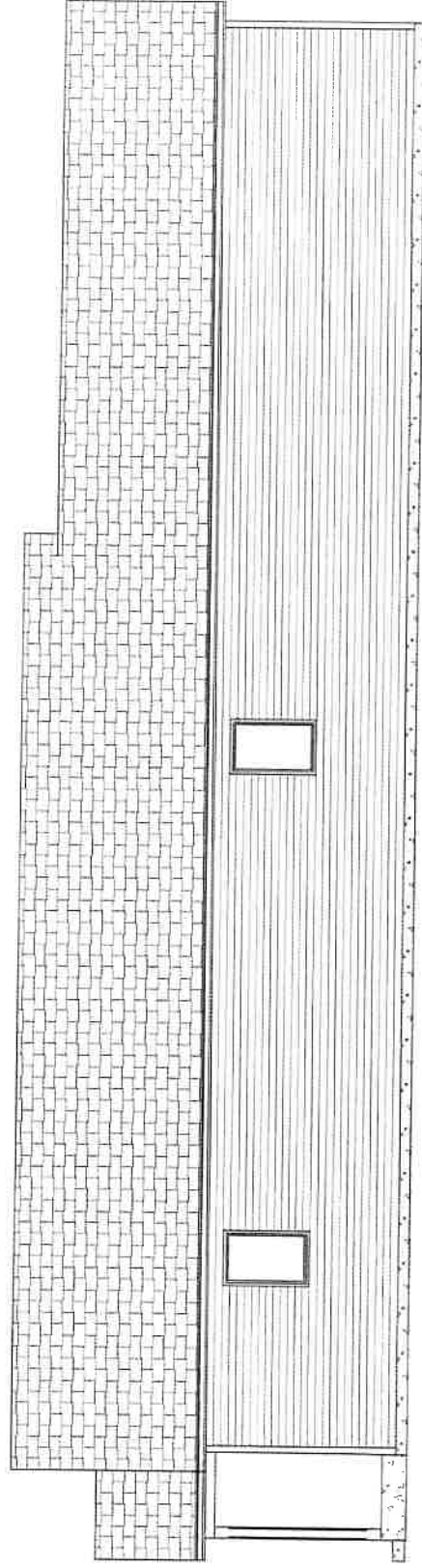
FRONT ELEVATION
2112 NELSON ST
2023-2024 HIGH SCHOOL BUILD
OPTION #1



REAR ELEVATION
2112 NELSON ST., ST PETER
2023-2024 HIGH SCHOOL BUILD
OPTION #1



LEFT ELEVATION
2112 NELSON ST., ST PETER
2023-2024 HIGH SCHOOL BUILD
OPTION #1



RIGHT ELEVATION
2112 NELSON ST., ST PETER
2023-2024 HIGH SCHOOL BUILD
OPTION #1

- ATTIC VENTING:
 - MIN. REQUIRED IS 1/300 OF HORIZONTAL PROJECTION OF ROOF.
 - 1/2 OF VENTING TO BE IN SOFFITS
 - 1/2 TO BE IN ROOF NEAR OR AT RIDGE.

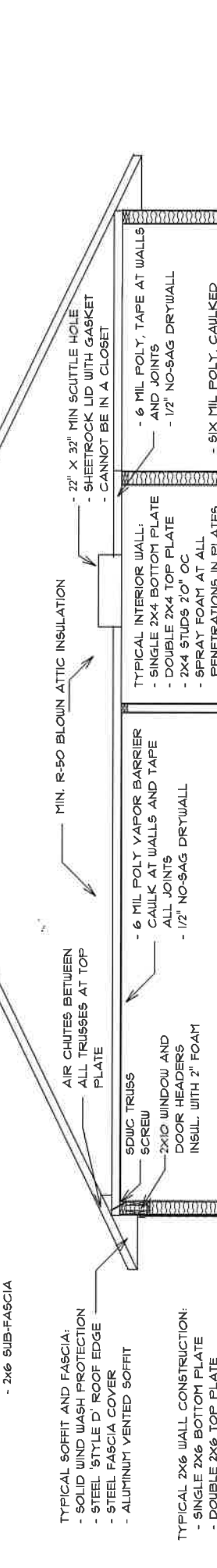
- WEATHER PROTECTION OF ROOF:
 - ICE AND WATER PROTECTION ON BOTTOM SIX FEET
 - ROOF WRAP ON REMAINDER OF ROOF (APPLY AS PER MANUFACTURER)
 - ARCHITECTURAL SHINGLES, 30 YR CERTAINTED LANDMARK
 - RIDGE VENTING

- INSTALL A LIGHT AND OUTLET IN ATTIC.
 - 22" x 32" MIN SCUTTLE HOLE
 - SHEETROCK LID WITH GASKET
 - CANNOT BE IN A CLOSET

- MIN. R-50 BLOWN ATTIC INSULATION
 - 6 MIL POLY. TAPE AT WALLS AND JOINTS
 - 1/2" NO-SAG DRYWALL
 - 9X MIL POLY. CAULKED AT TOP AND BOTTOM PLTS.
 - 1/2" DRYWALL AT WALL BETWEEN HOUSE AND GARAGE
 - FIRE TAPE

- TYPICAL INTERIOR WALL:
 - SINGLE 2X4 BOTTOM PLATE
 - DOUBLE 2X4 TOP PLATE
 - 2X4 STUDS 2'-0" OC
 - SPRAY FOAM AT ALL PENETRATIONS IN PLATES
 - 1/2" DRYWALL BOTH SIDES

- TYPICAL 2X6 WALL CONSTRUCTION:
 - SINGLE 2X6 BOTTOM PLATE
 - DOUBLE 2X6 TOP PLATE
 - 2X6 - 92 5/8" PRE-CUT STUDS 2' OC
 - 1/6" OSB WALL SHEATHING
 - HOUSEWRAP (TAPE ALL JOINTS)
 - DOUBLE 4 VINYL SIDING



- TYPICAL ROOF ASSEMBLY:
 - MANUFACTURED ROOF TRUSSES WITH ENERGY HEELS
 - 1/2" OSB (ORIENTED STRAND BOARD) ROOF DECKING
 - TRUSS BRACING AS PER MANUFACTURER'S SPECIFICATIONS
 - SDWC TRUSSES SCREWS ON EACH TRUSS AT WALL
 - 2x6 SUB-FASCIA
- TYPICAL SOFFIT AND FASCIA:
 - SOLID WIND WASH PROTECTION
 - STEEL STYLE D' ROOF EDGE
 - STEEL FASCIA COVER
 - ALUMINUM VENTED SOFFIT
- FLOOR SYSTEM:
 - 9 1/2" JOISTS 2'-0" OC
 - BLOCKING AS NEEDED AT GABLE ENDS, FIRST THREE JOIST SPACES
 - SQUASH BLOCKS UNDER ALL EX. WALL KING AND JACK STUDS TO TRANSFER BEARING THROUGH TO FOUNDATION
 - 3/4" T&G OSB SUB-FLOOR
 - OSB RIM JOIST
 - 2" FOAM CONTINUOUS AT RIM
 - 1/2" OSB SHEATHING
 - 2X10" CONTINUOUS MUD SILL PRESSURE TREATED
 - FOAM SILL SEAL
- TYPICAL 8" ICF WALL:
 - 10"x24" CONT. CONCRETE FTG
 - 6" FORM-A-DRAIN
 - 6 COURSES 8" ICFs
 - ACT. SIZE OF ICFs 12"X16"X148" W/ 2" FOAM IN AND OUT
 - DURAWALL REINF. # 1ST 4 6TH COURSES
 - 2 - #4 REBAR # COURSES 2,4,6 LAP JOINTS BY 30D (DIAMETERS)
 - 2 - #4RB DOWELS # 2' OC INTO FTG. CONT.
 - 8" VERT. #4RB TIED TO 2' DOWELS. ELIMINATES NEED TO CUT FOAM AT FL. LINE
 - 1/2 X 12" ANCHOR BOLTS 4' OC
 - EX: BIG-O POLYETHYLENE
- TYPICAL 2X6 WALL CONSTRUCTION:
 - SINGLE 2X6 BOTTOM PLATE
 - DOUBLE 2X6 TOP PLATE
 - 2X6 - 92 5/8" PRE-CUT STUDS 2' OC
 - 1/6" OSB WALL SHEATHING
 - HOUSEWRAP (TAPE ALL JOINTS)
 - DOUBLE 4 VINYL SIDING
- FLOOR SYSTEM:
 - 9 1/2" JOISTS 2'-0" OC
 - BLOCKING AS NEEDED AT GABLE ENDS, FIRST THREE JOIST SPACES
 - SQUASH BLOCKS UNDER ALL EX. WALL KING AND JACK STUDS TO TRANSFER BEARING THROUGH TO FOUNDATION
 - 3/4" T&G OSB SUB-FLOOR
 - OSB RIM JOIST
 - 2" FOAM CONTINUOUS AT RIM
 - 1/2" OSB SHEATHING
 - 2X10" CONTINUOUS MUD SILL PRESSURE TREATED
 - FOAM SILL SEAL
- TYPICAL 8" ICF WALL:
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 - 6" FORM-A-DRAIN
 - 6 COURSES 8" ICFs
 - ACT. SIZE OF ICFs 12"X16"X148" W/ 2" FOAM IN AND OUT
 - DURAWALL REINF. # 1ST 4 6TH COURSES
 - 2 - #4 REBAR # COURSES 2,4,6 LAP JOINTS BY 30D (DIAMETERS)
 - 2 - #4RB DOWELS # 2' OC INTO FTG. CONT.
 - 8" VERT. #4RB TIED TO 2' DOWELS. ELIMINATES NEED TO CUT FOAM AT FL. LINE
 - 1/2 X 12" ANCHOR BOLTS 4' OC
 - EX: BIG-O POLYETHYLENE

- TYPICAL BEARING WALL:
 - TRID 2X4 BOTTOM PLATE
 - DBLE 2X4 SFF TOP PLATE
 - 2X4 STUDS SFF 2'-0" OC
 - DIRECTLY UNDER JOISTS
 - 2X4 BLOCKING AT CENTER LINE
 - ALT. - 1/2" DRYWALL BOTH SIDES
- SLAB MUST EXTEND TO CONCRETE WALL
 NOTE: THIS NO LONGER APPLIES FOLLOW DIRECTIONS AT 8" ICF WALLS
- WEATHER PROTECTION OF ROOF:
 - ICE AND WATER PROTECTION ON BOTTOM SIX FEET
 - ROOF WRAP ON REMAINDER OF ROOF (APPLY AS PER MANUFACTURER)
 - ARCHITECTURAL SHINGLES, 30 YR CERTAINTED LANDMARK
 - RIDGE VENTING
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 - 22" x 32" MIN SCUTTLE HOLE
 - SHEETROCK LID WITH GASKET
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- MIN. R-50 BLOWN ATTIC INSULATION
 - 6 MIL POLY. TAPE AT WALLS AND JOINTS
 - 1/2" NO-SAG DRYWALL
 - 9X MIL POLY. CAULKED AT TOP AND BOTTOM PLTS.
 - 1/2" DRYWALL AT WALL BETWEEN HOUSE AND GARAGE
 - FIRE TAPE
- TYPICAL INTERIOR WALL:
 - SINGLE 2X4 BOTTOM PLATE
 - DOUBLE 2X4 TOP PLATE
 - 2X4 STUDS 2'-0" OC
 - SPRAY FOAM AT ALL PENETRATIONS IN PLATES
 - 1/2" DRYWALL BOTH SIDES
- TYPICAL 2X6 WALL CONSTRUCTION:
 - SINGLE 2X6 BOTTOM PLATE
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 - 2X6 - 92 5/8" PRE-CUT STUDS 2' OC
 - 1/6" OSB WALL SHEATHING
 - HOUSEWRAP (TAPE ALL JOINTS)
 - DOUBLE 4 VINYL SIDING
- FLOOR SYSTEM:
 - 9 1/2" JOISTS 2'-0" OC
 - BLOCKING AS NEEDED AT GABLE ENDS, FIRST THREE JOIST SPACES
 - SQUASH BLOCKS UNDER ALL EX. WALL KING AND JACK STUDS TO TRANSFER BEARING THROUGH TO FOUNDATION
 - 3/4" T&G OSB SUB-FLOOR
 - OSB RIM JOIST
 - 2" FOAM CONTINUOUS AT RIM
 - 1/2" OSB SHEATHING
 - 2X10" CONTINUOUS MUD SILL PRESSURE TREATED
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 - 2 - #4RB DOWELS # 2' OC INTO FTG. CONT.
 - 8" VERT. #4RB TIED TO 2' DOWELS. ELIMINATES NEED TO CUT FOAM AT FL. LINE
 - 1/2 X 12" ANCHOR BOLTS 4' OC
 - EX: BIG-O POLYETHYLENE

- STAIRWAY BUILT AS PER BUILDING CODE
 - 4" CONCRETE FLOOR
 - 6 MIL POLY TAPE AT JOINTS
 - 2" RIDGE FOAM BOARD
- 4" DRAIN TILE WITH SOCK AROUND PERIMETER OF FTGS. TIES INTO SUMP BASIN. TILE AT SUMP BASIN AND VENTS THROUGH ROOF. IS AN ALT. TO FORM-A-DRAIN
- 3/4" MIN. GRANULAR FILL TIES INTO RADON SYSTEM THROUGH ROOF. LABEL INTERMITTENTLY AND INSULATE IN ATTIC.
- RADON MITIGATION SYSTEM FROM GRANULAR FILL VIA 3" PVC PIPE THROUGH ROOF. LABEL INTERMITTENTLY AND INSULATE IN ATTIC.
- CAULK DRYWALL TO SLAB
- 1/2" DRYWALL ON ALL FOAM
- SQUASH BLOCK AT EACH JOIST FOR BEARING
- GARAGE FOUNDATION:
 - 8X16 CONCRETE FTG WITH 2 - #4 RE-BAR
 - 1 COURSE 6" BLOCK
 - 5 COURSES 8" BLOCK
 - 1/2" ANCHOR BOLTS 1/2" RE-BAR AND CORE FILLED EVERY 6'
- NOTE: BASEMENT CEILING TO BE DRYWALLED WITH 1/2" NO SAG SHEETROCK. UP TO 80 S.F. OF MECHANICAL RM. CLG. MAY BE LEFT UNCOVERED AS LONG AS DRAFT STOPS ARE IN PLACE.
- NOTE: IF FOUNDATION WALLS ARE PARALLEL TO FLOOR FRAMING, SOLID BLOCKING OR DIAGONAL BRACING MUST BE INSTALLED AT THE ANCHOR BOLT LOCATION IN THE FIRST THREE JOIST OR TRUSS SPACES. R404.1.1 & R404.1.2
- TYPICAL WALL SECTION
 NO SCALE
 REVISED: 14 SEPT. 2017
 REVISED: 20 JULY 2022
 REVISED: 20 JULY 2023