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**DOOR SCHEDULE**

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**NOTES:**
1. 36" WIDE HINGED DOOR WITH 1/2 LITE MUST MEET U-VALUE OF 0.2 AND SHGC OF 0.13

**WINDOW SCHEDULE**

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**NOTES:**
1. ALL WINDOWS TO BE DOUBLE GLAZED 3/4" ARGON FILLED CASEMENT WINDOWS. WITH U-VALUE OF 0.25 AND A SHGC OF LESS THAN 0.19 FOR CASEMENT CONFIGURATIONS AND 0.25 OR LESS FOR FIXED LITE CONFIGURATIONS 2. VINYL FRAME WITH A WARM EDGE SPACER BAR AROUND THE PERIMETER 3. SOFT COAT LOW-E COATING ON SURFACE
ROOF SHINGLES (ASPHALT)
SYNTHETIC UNDERLAYMENT (ICE AND WATERSHIELD FIRST 3 FEET)
1/2" PLYWOOD ROOF SHEATHING & CLIPS
RAFTERS (STRUCTURAL TRUSS)
RT5 BLOWN-IN CELLULOSE (20")
6MIL POLYETHYLENE (AIR & VAPOUR BARRIER)
1/2" GYPSUM BOARD (HIGH DENSITY)

VINYL SIDING
1"X3" VERTICAL FURRING STRIPS (3/4" AIR GAP), 24" O.C.
2" XPS INSULATION (VAPOUR BARRIER)
MECHANICALLY FASTENED TYVEK (WATER BARRIER)
7/16" OSB SHEATHING WITH TAPED JOINTS (AIR BARRIER)
2"X6" STUDS (24" O.C.) WITH R20 FIBERGLASS INSULATION (5.5")
5MIL POLYETHYLENE (AIR & VAPOUR BARRIER)
1/2" GYPSUM BOARD

ALLOW APPROXIMATELY 1/32" (0.8mm)
CLEARANCE (THE THICKNESS OF A DIME)
BETWEEN THE FASTENER HEAD AND THE
VINYL SIDING

4" CONCRETE SLAB (25 MPA), CONT. ACROSS CRAWLSPACE, INTEGRATED WITH FTG
6MIL POLYETHYLENE (AIR & VAPOUR BARRIER)
5" EPS INSULATION (VAPOUR BARRIER)
2" PEA STONE
4" COMPACTED GRANULAR FILL

DIMPLE MAT
DAMP PROOFING MEMBRANE
2.5/8" EPS INSULATION
6" Poured CONCRETE CORE WITH REBARS
2.5/8" EPS INSULATION
1/2" MOLD RESISTANT GYPSUM BOARD
NOTE:
WHENEVER POSSIBLE, DUCT BATHROOM FAN EXHAUST THROUGH GABLE WALL RATHER THAN THE ROOF.

FLEXIBLE DUCT W/O INSULATION IS ANOTHER OPTION FOR BATHROOM EXHAUST DUCTING.

6"X4" INSULATED FLEXIBLE DUCT
6"X6" BATHROOM EXHAUST VENT
EXHAUST VENT COVER

APPROVED METAL TAPE TO MAINTAIN AIR BARRIER CONTINUITY

SEALANT BEAD
EXTERIOR FOAM
GASKET
6"X12" VENT HOOD DUCT

6" FLEXIBLE DUCT
90 DEGREE ELBOW

GABLE WALL
SIDE VIEW

TYPICAL WINDOW DETAIL

VENT HOOD DETAIL

BATHROOM FAN DETAIL

EXHAUST VENT DETAIL
PROVIDE CLOSED CELL PIPE INSULATION ON REFRIGERANT LINES BETWEEN OUTDOOR AND INDOOR UNIT MIN. THICKNESS 3" FOR LIQUID LINE, 1" FOR VAPOUR LINE

6" Ø STALE AIR DUCT FROM BELOW & UP TO ATTIC
6" Ø FRESH AIR DUCT FROM ATTIC ABOVE & DOWN INSULATE FRESH AIR DUCTS WITH MIN. RSI 1.2 AND STALE AIR DUCTS WITH MIN. RSI 0.5 FROM EXTERIOR PENETRATION TO HRV UNIT SEAL WITH MASTIC COATING.

NOTE: REFER TO DRAWING G002 FOR THE HVAC SCHEDULE
OPENING FOR
UTILITY
DISCHARGE PIPES
24" x 24" SUMP PIT
EXACT LOCATION
TO SUIT ON SITE

W8x31
STRUCTURAL
STEEL BEAM
TYP. OF 2

CONNECT FRESH AIR
DUCT TO RETURN DUCT
OF AIR HANDLER

4" Ø STALE AIR
DUCT FROM
ABOVE

18" x 8" RETURN
AIR DUCT FROM
ABOVE
TYP. OF 2

10" x 6" RETURN
AIR DUCT FROM
ABOVE
TYP. OF 4

16-1/2" x 12-3/16"
TRANSITION
HRV-01
6" Ø STALE AIR
DUCT UP

6" Ø FRESH AIR
DUCT FROM
ABOVE

3" x 3" x .188"
TELESCOPIC HSS
SUPPORT COLUMN
W/ 6" x 6" x
3/4" BASE AND TOP PLATES
TYP. OF 2

26" x 48" CRAWL SPANCE
ACCESS HATCH

36" x 36" x 12"
POURED CONCRETE FOOTING PAD
3' x 3' x 18" TELESCOPIC HSS
SUPPORT COLUMN/W 6" x 6" x
3/4" BASE AND TOP PLATES
TYP. OF 2

REFRIGERANT
LINES

6" Ø

8" x 4"

4" Ø

6" Ø

CONNECT FRESH AIR
DUCT TO RETURN DUCT
OF AIR HANDLER

8" x 4"

10" x 6"

12" x 10"

18" x 6"

14" x 10"

12" x 10"

12" x 10"

12" x 10"

12" x 10"
CONTRACTOR TO PROVIDE J-SECTION BOX W/ CIRCUITING TO ACCOMMODATE STOVE EXHAUST FAN. DEDICATED 240V SOCKET.

NOTES:
1. CIRCUIT LEVEL ENERGY MONITORING IS PROVIDED BY KASA SMART PLUG WITH ENERGY MONITORING BY TP-LINK.

Legend:
- OUTLET LOCATED WITH WET RATED ENCLOSURE
- DEDICATED OUTLET/SOCKET
- SOCKET/OUTLET SWITCH

REVISIONS
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Drawing Title: ELECTRICAL PLAN

Drawing No.: E001

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FLOOR SLAB
4" POURED CONCRETE SLAB
TROWEL SMOOTH and FLAT
6x6x3' WIRE MESH (ENSURE RAISED min. 1.5"
2" RIGID INSUL. BOARD - min. R15
6" GRANULAR FILL

PORCH SLAB
4" POURED CONCRETE SLAB (min. 32 MPa)
BULL FLOAT w/ BROOMED FINISH
6" GRANULAR FILL

24" x 48" CRAWL SPACE
ACCESS HATCH - EXACT
LOCATION TO SUIT ON SITE

6" CONCRETE FOUNDATION
WALL
nw/10M@24" V, 10M@16" H
ON 9-1/4"X24" STRIP
FOOTING
nw 2-15M CONT., TYP.

49'-1 1/2" T/O FTG
B1 - W8x31 (200x46)
(STRUCTURAL STEEL BEAM LENGTH = 47'-2")

36"x36"x36" POURED CONCRETE FOOTING
PAD - c/w 4 15M BOTTOM BARS @ 8'
o.c. BOTH WAYS - ENSURE min. 3" CLEAR BOTTOM COVER (2 LOCATIONS)
3"x3"x.188" TELESCOPIC HSS
SUPPORT COLUMN c/w min. 6"x6"x12"
BASE AND TOP PLATES (2 LOCATIONS)

STAKE-OUT DIMENSIONS
8'-0" L1: 11-7/8'' I JOISTS @16'' o/c
SHEATHED WITH 5/8'' T&G PLYWOOD
6" CONCRETE FOUNDATION
WALL
r/w10M@24'' V, 10M@24'' H
ON 9-1/4''X24'' STRIP
FOOTING
r/w 2-15M CONT., TYP.

4" POURED CONCRETE SLAB (min. 32 MPa)
BULL FLOAT w/ BROOMED FINISH
6" GRANULAR FILL
Project Title
CHIPPEWAS OF NAWASH HOUSING PROJECT

Project Location
KAKAKNOG CRESCENT, NEYASHINOMING RESERVE

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Scale NTS

Drawing title
PRELIMINARY EXHIBIT LOGISTICS

Drawing No.
EX002

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