



WALL ASSEMBLIES -

<p>FOUNDATION WALL DAMPROOFING BELOW GRADE 8" CONC. WALL c/w 15M @ 400 o/c V.E.F. + H.E.F. + DOWELS, HOOK @ ENDS & CORNERS 15# BLDG. PAPER 2-BARS @ 24" o/c R-10 - 2" RIGID INSULATION TO MIN. 2'-0" BELOW GRADE 6 mil. POLY VAPOUR BARRIER 1/2" DRYWALL - PAINTED</p>	<p>FOUNDATION WALL DAMPROOFING BELOW GRADE 8" CONC. WALL c/w 15M @ 400 o/c V.E.F. + H.E.F. + DOWELS, HOOK @ ENDS & CORNERS 15# BLDG. PAPER 2-BARS @ 24" o/c R-10 - 2" RIGID INSULATION TO MIN. 2'-0" BELOW GRADE 6 mil. POLY VAPOUR BARRIER 1/2" DRYWALL - PAINTED</p>
<p>INTERIOR FOUNDATION WALL 8" CONC. WALL c/w 15M @ 400 o/c V.E.F. + H.E.F. + DOWELS, HOOK @ ENDS & CORNERS 4.0HR F.R.R. PER OBC-SB-2.2.1.1. CONCRETE BLOCK WALL 8" CONCRETE BLOCK - REINFORCED BLOCK TO BE TYPE 'S' OR 'N' CONCRETE 1.5HR F.R.R. PER OBC-SB-2.2.1.1.</p>	<p>EXTERIOR WALL-1 hr. F.R.R. STONE OR BRICK VENEER w/ MASONRY TIES 1" AIRSPACE MOISTURE/AIR BARRIER VP VAPOUR PERMEABLE 7/16" ASPENITE SHEATHING 2x6 WOOD STUDS @ 16" o/c R-22 BATT INSULATION 6 mil. POLY. AIR & VAPOUR BARRIER 5/8" TYPE 'X' DRYWALL 1.0HR F.R.R. PER OBC-SB-2.3.4. A&E</p>
<p>EXTERIOR WALL-1 hr. F.R.R. VERTICAL SIDING HORIZONTAL 1x3 STRAPPING @ 16" o/c MOISTURE/AIR BARRIER VP VAPOUR PERMEABLE 7/16" ASPENITE SHEATHING 2x6 WOOD STUDS @ 16" o/c R-22 BATT INSULATION 6 mil. POLY. AIR & VAPOUR BARRIER 5/8" TYPE 'X' DRYWALL 1.0HR F.R.R. PER OBC-SB-2.3.4. A&E</p>	<p>MECHANICAL WALL 1/2" DRYWALL 2x4" WOOD STUDS @ 24" O.C. (ON FLAT) MECHANICAL WALL 1/2" DRYWALL 2x4 OR 2x6 STUDS @ 16" O.C. (SEE PLAN) 1/2" DRYWALL MECHANICAL WALL 1/2" DRYWALL 2x4 WOOD STUDS @ 16" o.c.</p>

FLOOR / ROOF ASSEMBLIES

<p>BASEMENT FLOOR FINISHED FLOORING ON 4" CONCRETE FLOOR, 32mpa CLASS C-2 6 mil. POLY V.B. 8" COMPACTED CRUSHED STONE</p>	<p>LANDING @ FLOOR LEVELS (14" JOISTS) FINISHED FLOORING ON 1 1/4" GYP-CRETE TOPPING 3/4" T. & G. OSB SUBFLOOR 4" PRE-ENG. T JOISTS @ 16" o/c (MAX.) GLUE-NAILED 1/2" DRYWALL</p>
<p>ELEVATOR LOBBY FLOOR FINISHED FLOORING ON REQUIRED UNDERLAYMENT 6" REINFORCED CONCRETE SLAB, SEE STRUC. 6 mil. POLY V.B. COMPACTED CRUSHED STONE</p>	<p>INTERMEDIATE STAIR LANDING (9 1/2" JOISTS) FINISHED FLOORING ON 3/4" T. & G. OSB SUBFLOOR 9 1/2" PRE-ENG. T JOISTS @ 16" o/c (MAX.) GLUE-NAILED 1/2" DRYWALL</p>
<p>INSULATED FLOOR ABOVE GARAGE FINISHED FLOORING ON REQUIRED UNDERLAYMENT 1 1/4" GYP-CRETE TOPPING 6 mil. POLY VAPOUR BARRIER 3/4" T. & G. OSB SUBFLOOR GLUE & SCREWED 14" PRE-ENG. T JOISTS @ 16" o/c (MAX.) FILL ENTIRE CAVITY WITH ROXUL INSULATION (R-56) RESILIENT CHANNELS @ 12" o/c 2-LAYERS 5/8" TYPE 'X' GYPSUM BOARD JOINTS FINISHED/ PAINTED (AIR BARRIER)</p>	<p>MAIN ROOF- 45min. F.R.R. ASPHALT SHINGLES 1/2" PLYWOOD w/ H-CLIPS PRE-ENG. ROOF TRUSS @ 24" o/c R-40 BATT INSULATION 1'x3" STRAPPING @ 16" O.C. 6 mil. POLY. V.B. 5/8" TYPE-X G.B.</p>
<p>SECOND & THIRD FLOOR FINISHED FLOORING ON 1 1/4" GYP-CRETE TOPPING 3/4" T. & G. OSB SUBFLOOR 14" PRE-ENG. T JOISTS @ 12" o/c (MAX.) GLUE & SCREWED 5 1/2" INSULATION BATT RESILIENT CHANNELS 2-LAYERS 5/8" TYPE 'X' GYPSUM BOARD 1 HOUR F.R.R. - STC = 54 OBC F701 SB-3 TABLE 2 DUCTWORK SHALL NOT PENETRATE MEMBRANE.</p>	<p>ROOF DECK LIGHTWEIGHT PAVERS FILTER CLOTH 1" H. 60 RIGID INSULATION SEPARATION SHEET 2-PLY MEMBRANE PLYWOOD ON SLEEPERS SLOPED TOWARDS SCUPPER 3/4" T. & G. OSB SUBFLOOR 14" PRE-ENG. T JOISTS @ 12" o/c (MAX.) GLUE-NAILED FILL ENTIRE CAVITY w/ SPRAY FOAM INS. 5/8" TYPE 'X' GYPSUM BOARD RESILIENT CHANNELS 2-LAYERS 5/8" TYPE 'X' GYPSUM BOARD (** BASE SHEET & CAP SHEET BY SOPREMA, ROOFING SYSTEM & INSTALLATION TO BE REVIEWED INSPECTED BY PATERSON GROUP, REPORTS TO BE FORWARDED TO ARCHITECT.)</p>

BASEMENT FLOOR PLAN
 SCALE: 3/16" = 1'-0" AREA = 5,635 sq.ft. (524m²)

NOTE: FOUNDATION PLAN TO BE READ IN CONJUNCTION WITH BLOCK PLAN B1.1 AND STRUCTURAL FOUNDATION PLAN S100

FOUNDATION WALL HEIGHTS
 FOUNDATION CHECKS ARE FROM 0'-0"

- 0'-0" FOUNDATION (TYPICAL)
- 2'-7" FROM T.O. FOUNDATION (STONE COLUMNS)
- 3'-7" FROM T.O. FOUNDATION (T.O. FLOOR @ ENTRY)
- 4'-7" FROM T.O. FOUNDATION (DROPPED FLOOR @ ENTRY)
- 5'-1" FROM T.O. FOUNDATION (EXT. ENTRY SLAB)
- VARIES. SEE NOTES ON PLAN

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GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS. ANY DISCREPANCY MUST BE REPORTED TO M. DAVID BLAKELY ARCHITECT INC.
- ALL WORK AND MATERIALS TO BE IN COMPLIANCE WITH ALL CODES, REGULATIONS, & BY-LAWS.
- ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST THE PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE PLANS IN CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS.
- THIS DRAWING SHALL NOT BE USED OR COPIED WITHOUT THE AUTHORIZATION OF THE ARCHITECT & THE DRAWING SHALL NOT BE USED FOR PERMIT OR CONSTRUCTION UNLESS THE DRAWING BEARS THE ARCHITECT'S SEAL AND SIGNATURE.

POST SCHEDULE

P1 - 3" DIA. ADJUSTABLE STEEL TELEPOST
 8500 POUND CAP. (MIN.)
 P2 - 2-2x4, 6 OR 8" (AS APPLICABLE)
 P3 - 3-2x4, 4 OR 6" (AS APPLICABLE)
 P4 - 4-2x4, 6 OR 8" (AS APPLICABLE)
 P5 - 5-2x4, 6 OR 8" (AS APPLICABLE)
 P6 - HSS 3 1/2x3 1/2x 1/4 - 188 C/W 5x3/8x8" PL. & CAP PL.
 P7 - HSS 4x4x 1/8" C/W 5x3/8x8" PL. & CAP PL.
 P8 - P1, 6x6"

NOTE:
 ALL WOOD POST LOCATIONS TO BE BLOCKED SOLID THRU FLOOR STRUCTURE ON TO A SIMILAR POST BELOW OR ON TO A STEEL WOOD BEAM OR ON TO THE CONC. FOUNDATION WALL

UNITED BEAM SCHEDULE

U1 - 2" x 20x18 SFF
 U2 - 2" x 20x18 SFF
 U3 - 3" x 20x18 SFF
 U4 - 3" x 20x18 SFF w/ min. 2" BEARING
 U5 - 1 1/2" x 9 1/2" LVL 3" BEARING
 U6 - 2" x 12" x 14" LVL 3.5" BEARING
 U7 - 3" x 12" x 14" LVL 3.5" BEARING
 U8 - 4" x 12" x 14" LVL 3.5" BEARING

BRICK UNITS

BR1 - 1.5SE
 BR2 - 1.3 1/2" x 3 1/2" x 5 1/2"
 BR3 - 1.4" x 3 1/2" x 5 1/2"
 BR4 - 1.5" x 3 1/2" x 5 1/2"
 BR5 - 1.6" x 3 1/2" x 5 1/2"
 BR6 - 1.6" x 4" x 7 1/2"
 BR7 - 6" MIN. BEARING EACH END
 ALL ANGLES TO BE HOT DIPPED GALVANIZED

ONTARIO ASSOCIATION OF ARCHITECTS
 M. DAVID BLAKELY
 LICENCE 3558

REVISIONS

NO.	DATE	DESCRIPTION	INT.
1.	09/11/21	AS PER STRUC. & M&E/ FOR BUILDING PERMIT	MB
2.	18/10/21	FOR STRUCTURAL REVIEW / FOR M&E REVIEW	MB

REVISIONS

NO.	DATE	DESCRIPTION	INT.
1.			
2.			

PROJECT: BUILDING 1 | 18 UNIT APARTMENT THE JUNCTION 2740 CEDARVIEW RD. OTTAWA, ONTARIO

CLIENT: PHOENIX HOMES
 18A Bentley Ave Ottawa, ON K2E 6T8

DRAWING TITLE: **BASEMENT FLOOR PLAN, WALL / FLOOR ASSEMBLIES**

DATE: OCT. 2021 SCALE: 3/16" = 1'-0" SHEET NO.: A1

DRAWN BY: mdb CHECKED: MDB