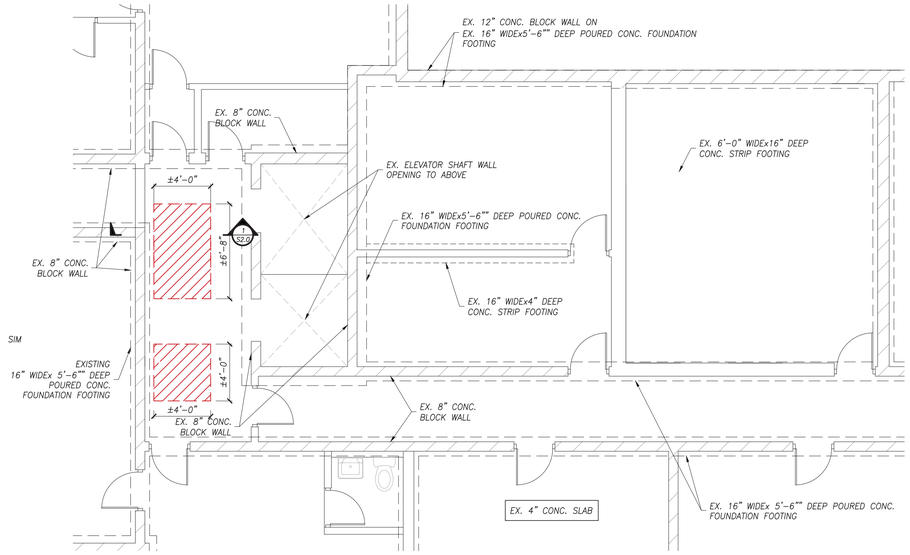


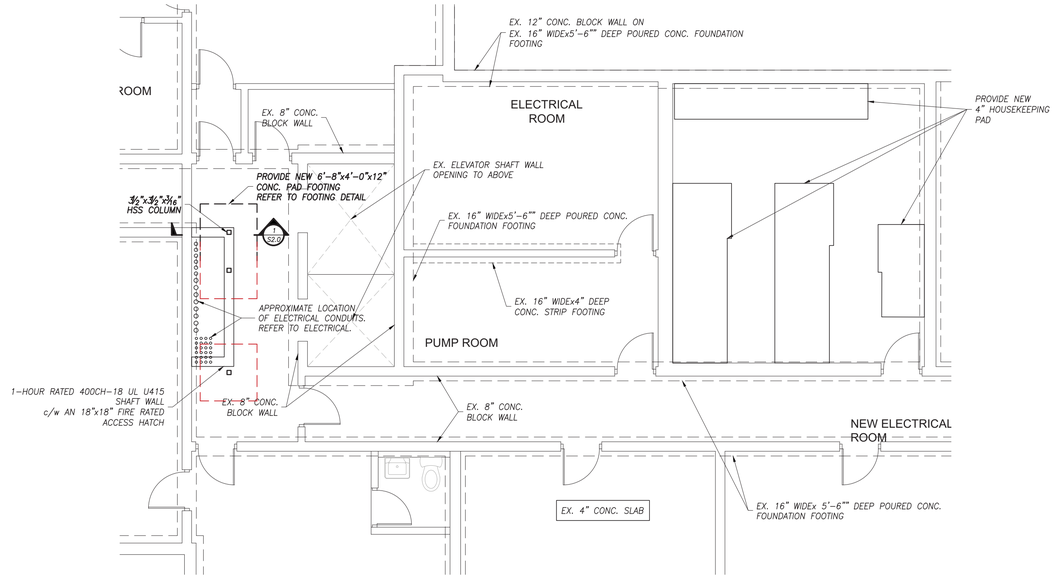
BASEMENT FLOOR PLAN-DEMOLITION

SCALE 3/16"=1'-0"

COORDINATE WITH MECHANICAL FOR ANY SLAB CUTS AND NEW TRENCH

DEMOLITION NOTES:

1. EXISTING STRUCTURAL INFORMATION SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY.
2. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS.
3. ERECT BARRICADES & FENCING TO PROTECT THE PUBLIC & NEIGHBORING PROPERTIES FROM DEBRIS & CONSTRUCTION TRAFFIC.
4. SHORE EXISTING STRUCTURE AS REQUIRED UNTIL DEMOLITION IS COMPLETE. ENGINEERED SHORING SHALL BE PROVIDED FOR REVIEW.
5. ALL FOUNDATIONS ARE TO BE REMOVED COMPLETELY. UPFILL VOIDS PER THE CONTRACT SPECIFICATIONS.
6. THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE MINISTRY OF LABOUR, TSSA, WSIB, AND ENSURE A SAFE CONSTRUCTION SITE.

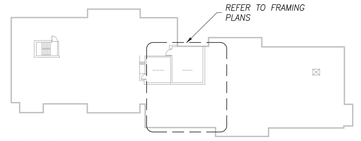


BASEMENT FLOOR PLAN-PROPOSED

SCALE 3/16"=1'-0"

HOUSEKEEPING PAD NOTE:

-SCARIFY TOP OF EXISTING 4" CONCRETE SLAB
-APPLY INTRALOK CONCRETE BONDING AGENT BY OTHERS TO EXISTING SCXARIFIED CONCRETE SLAB AND HOUSEKEEPING PAD



KEY PLAN

SCALE: N.T.S.

LOADING SUMMARY

DESIGN STANDARDS

- ONTARIO BUILDING CODE, 2024, PART 4: STRUCTURAL DESIGN
- CAN/CSA-S16-19, LIMIT STATES DESIGN OF STEEL STRUCTURES

DESIGN LOADS

EXISTING FLOOR LOADS:

DEAD:

- 6" REINFORCED SLAB	3.53 kPa
- BEAM FRAMING	0.15 kPa
- MECH. & ELECTRICAL	0.25 kPa
- CEILING	0.25 kPa
TOTAL LOAD:	4.18 kPa

LIVE:

- CORRIDOR	4.80 kPa

DESIGN LOADS (ELECTRICAL CABLES):

DEAD:

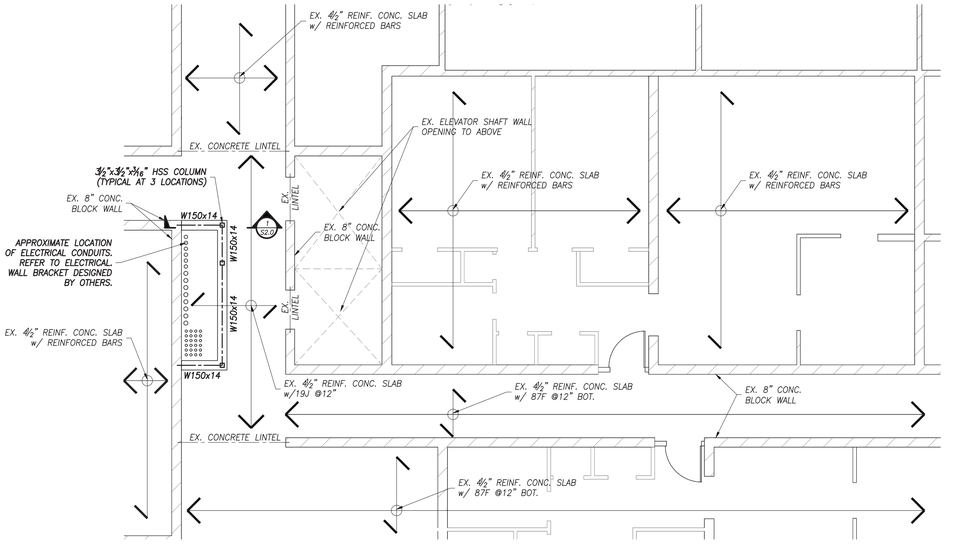
- HOT CABLES	2.930 kg/m
- GND CABLES	0.336 kg/m
- CONDUIT CABLES	5.194 kg/m

TOTAL: 6754 kg (675.4 kg/floor)

PROVIDE ENGINEERED SHOP DRAWINGS FOR CABLE SUPPORT

LEGEND

APPROXIMATE AREA OF DEMOLITION. NEATLY SAW-CUT AND REMOVE PORTION OF EX. REINFORCED CONCRETE SLAB AS REQUIRED FOR NEW CONDUIT OPENING THROUGH FLOORS. DO NOT OVERCUT SLAB (TYP. AT ALL LEVELS)



GROUND FLOOR-SECOND FLOOR FRAMING PLAN

SCALE 3/16"=1'-0"

GENERAL NOTES

1. CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
2. THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
3. THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS.
5. REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS, PITS, CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
6. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS AND GOOD CONSTRUCTION PRACTICES.
7. THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
8. CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300W) EXCEPT W SECTIONS AND PLATES G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORM SECTIONS ASTM A570M GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CAN/CGSB 85.10.
3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W59. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE WITH CAN/CSA W47.1.
4. DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED.
5. PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS:
   - ON MASONRY - 6"
   - ON STEEL - 4"
6. THE BASE PLATE AND BEARING PLATE GROUT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE.
7. FULLY WELD THE BASE PLATE TO THE COLUMN TO DEVELOP THE ANCHOR BOLTS. PROVIDE CAP PLATES ON ALL COLUMNS. PROVIDE ¼" CAP PLATES ON ALL COLUMNS.
8. PROVIDE MINIMUM 7"x⅝"x7" BEARING PLATES FOR ALL STRUCTURAL STEEL c/w 2-⅝"Ø ANCHORS UNLESS OTHERWISE NOTED.
9. ALL BOLTS SHALL BE TIGHTENED WITH A SUITABLE TORQUE WRENCH IN ACCORDANCE WITH CSA S16.
10. ALL STEEL EXPOSED TO THE EXTERIOR TO BE HOT DIP GALVANIZED.
11. ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

SUBMITTALS

1. SUBMIT FOR REVIEW BY THE CONSULTANT, DETAILED SHOP DRAWINGS FOR ALL STRUCTURAL WORK INCLUDING, BUT NOT LIMITED TO STRUCTURAL STEEL AND TEMPORARY SHORING.
2. THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN 1:50 (¼"=1'-0").
3. THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS.
4. EACH DRAWING SUBMITTED FOR STRUCTURAL STEEL AND TEMPORARY SHORING SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
5. CONTRACTOR SHALL ALLOW FOR A 5 WORKING DAY TURN AROUND TIME FOR STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

FOR STRUCTURAL FRAMING INFORMATION
REFER TO EXISTING STRUCTURAL DRAWINGS BY:
MUNRO-PLOEN & ASSOCIATED LTD. PROJECT NO. ja 2-2861
DATED: OCTOBER 15, 1970

TRUE NORTH
CONST. NORTH

LICENSED PROFESSIONAL ENGINEER
J.P.G. CAMPANA
100138224
26-06-08
No. 25165
PROVINCE OF ONTARIO

No.	DATE	REVISION
1	26/06/08	ISSUED FOR TENDER

REVISIONS

KALOS Engineering Inc.
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6
905-333-9119 www.kaloseng.ca

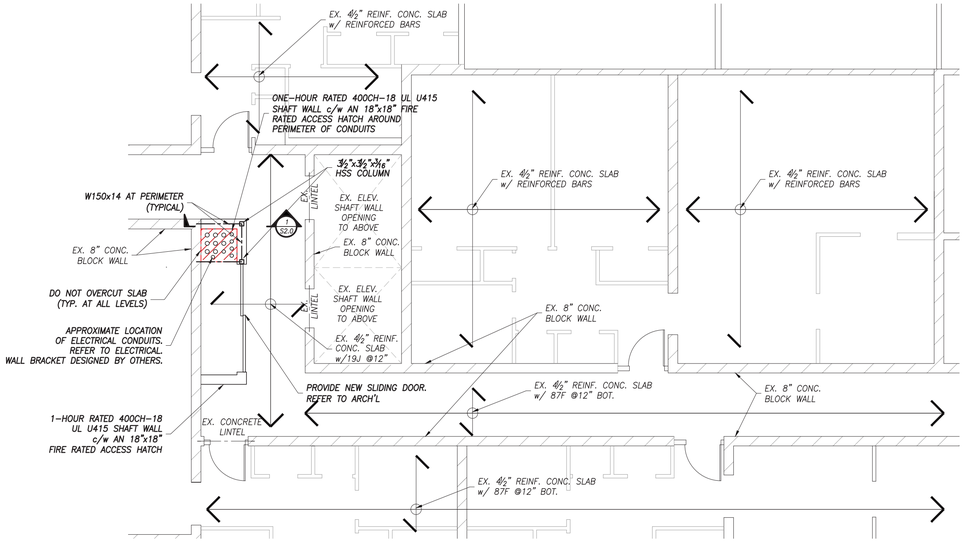
VICTORIA PARK COMMUNITY HOMES

1 HAMILTON ST. S.
HAMILTON ONTARIO

NOTES, FRAMING PLAN

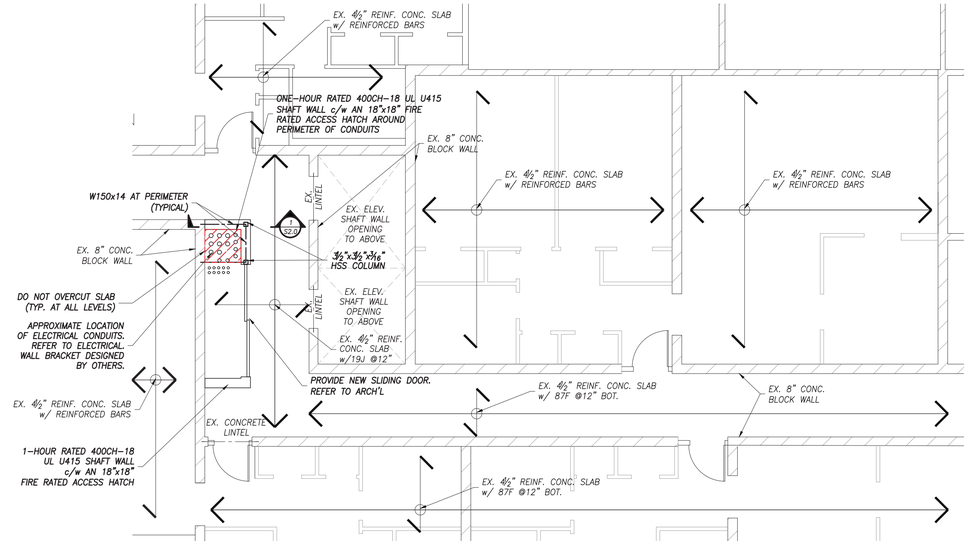
DATE	DRAWN BY	DRAWING No.
JUNE 2026	Q.N.	S1.0
PROJECT No. 25165	CHECKED BY R.H. & J.P.C.	

PLOT DATE: 2026/06/08 4:46 PM



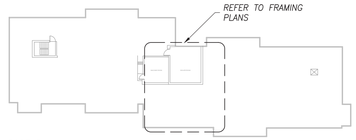
FOURTH, SIXTH, EIGHTH AND TENTH FLOOR FRAMING PLAN

SCALE 3/16"=1'-0"



THIRD, FIFTH, SEVENTH AND NINTH FLOOR FRAMING PLAN

SCALE 3/16"=1'-0"



KEY PLAN

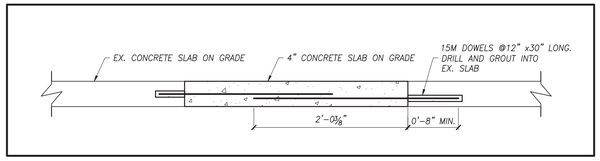
SCALE: N.T.S.

SHAFT WALL CONSTRUCTION PROCEDURE

1. PRIOR TO CUTTING, VERIFY AND DISCONNECT ALL ELECTRICAL CIRCUITS, POWER, AND SERVICES AS NEEDED WITHIN THE THE AREA OF WORK. LOCATE ANY EMBEDDED CONDUITS, PLUMBING, OR OTHER SERVICES IN SLABS TO AVOID CUTTING OR DAMAGING EXISTING SERVICES.
2. PROVIDE TEMPORARY SHORING PRIOR TO ANY REMOVALS. NEATLY SAW-CUT APPROXIMATELY ±2'-6" x ±2'-4" OF EX. REINFORCED CONCRETE SLAB OPENINGS AND REMOVE CONCRETE. REINFORCING TO BE CUT ONLY WITHIN OPENING LIMITS.
3. INSTALL W150X14 STEEL BEAMS AROUND PERIMETER OF NEATLY SAW-CUT FLOOR OPENINGS. BREAK OPEN PORTION OF EXISTING BLOCK WALL AS REQUIRED AND FILL SOLID. POCKET BEAMS INTO EXISTING BLOCK WALLS AND DRYPACK UNDERSIDE OF BEAMS AS NEEDED WITH A MINIMUM 8" BEARING. PROVIDE HSS 3½"x3½"x5/16" COLUMNS WITH CAP PLATES TO BEAMS AND BASE PLATES TO EXISTING FLOOR SLAB. REPEAT INSTALLATION AT ALL FLOORS WHERE OPENINGS OCCUR.
4. SEQUENCE WORK LEVEL-BY-LEVEL, REPEATING STEPS 1 TO 3. DO NOT CUT VERTICALLY ALIGNED OPENINGS THROUGH MULTIPLE FLOORS SIMULTANEOUSLY.
5. REMOVE SHORING ONLY AFTER REVIEW BY STRUCTURAL CONSULTANT.
6. COORDINATE FIRE-RESISTANCE REQUIREMENTS WITH ENCLOSING WALL/CLOSET SYSTEM. MAKE GOOD ALL AFFECTED AREAS TO MATCH EXISTING. PROTECT AND FINISH NEW STEEL BY OTHERS.

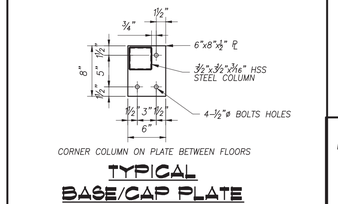
LEGEND

APPROXIMATE AREA OF DEMOLITION. NEATLY SAW-CUT AND REMOVE PORTION OF EX. REINFORCED CONCRETE SLAB AS REQUIRED FOR NEW CONDUIT OPENING THROUGH FLOORS. DO NOT OVERCUT SLAB (TYP. AT ALL LEVELS)



TYPICAL SLAB CONNECTION/REPAIR DETAIL

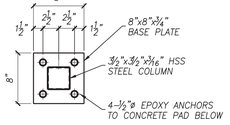
SCALE: 1"=1'-0"



CORNER COLUMN ON PLATE BETWEEN FLOORS

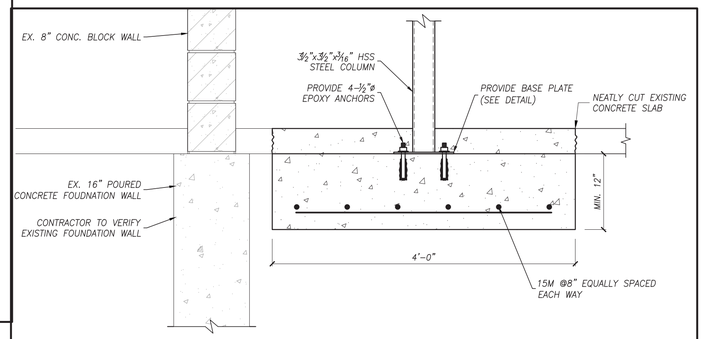
TYPICAL BASE/CAP PLATE

SCALE 1"=1'-0"



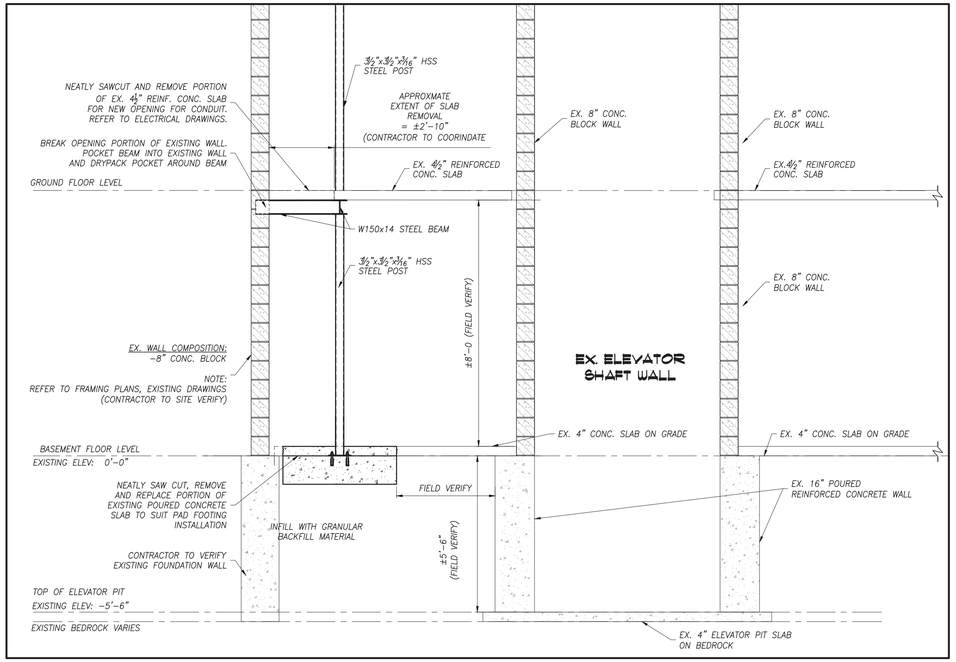
BASE PLATE TO CONCRETE FOOTING

SCALE: 1"=1'-0"



FOOTING DETAIL

1"=1'-0" SCALE:



SECTION

SCALE: 3/8"=1'-0"

FOR STRUCTURAL FRAMING INFORMATION REFER TO EXISTING STRUCTURAL DRAWINGS BY: MUNRO-PLOEN & ASSOCIATED LTD. PROJECT NO. ja 2-2861 DATED: OCTOBER 15, 1970

TRUE NORTH / CONST. NORTH

LICENSED PROFESSIONAL ENGINEER J.P.C. CAMPANA 100138224 26-06-08 PROV. No. 25165 PROVINCE OF ONTARIO

No.	DATE	REVISION
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REVISIONS

KALOS Engineering Inc.
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6
905-333-9119 www.kaloseng.ca

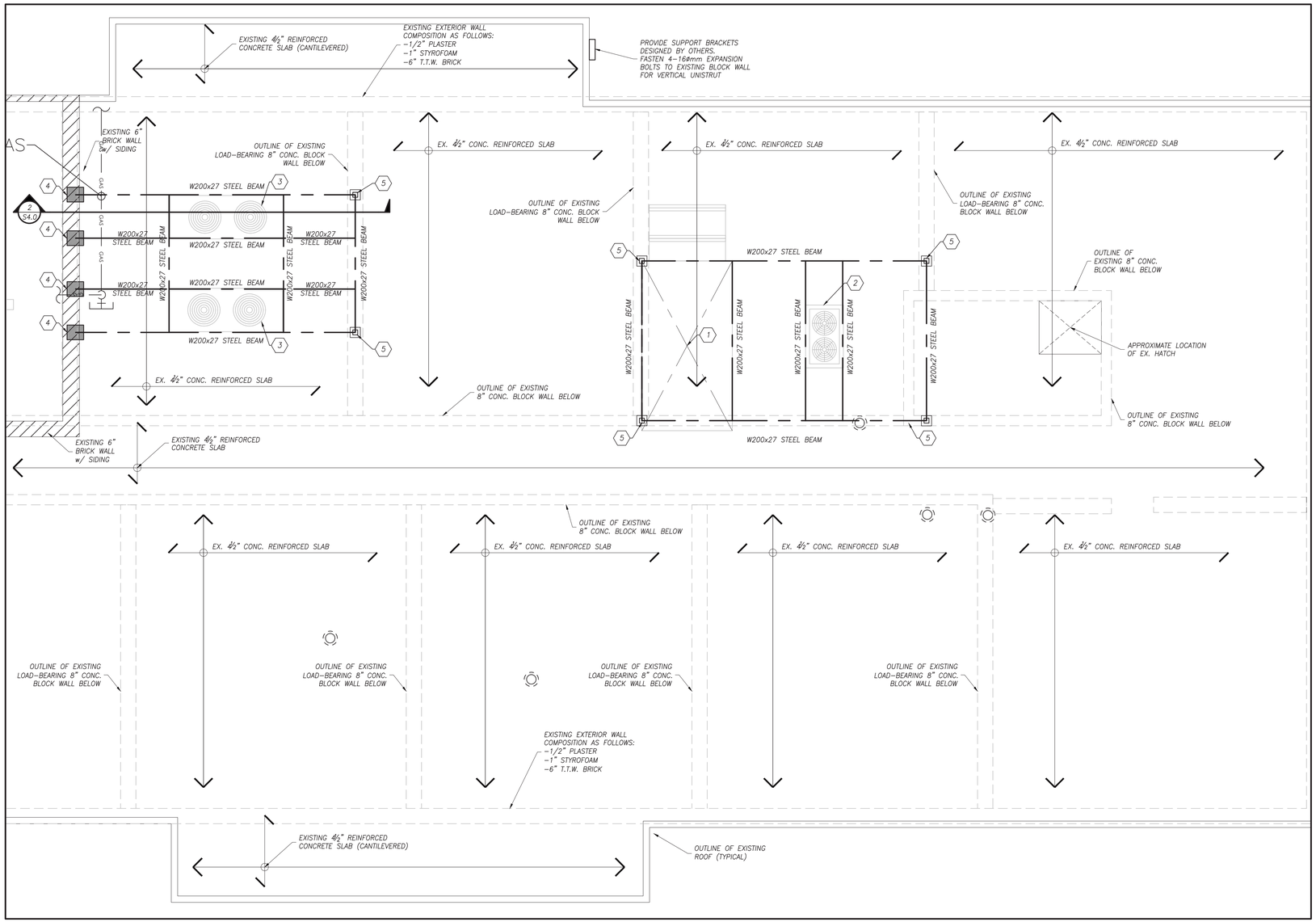
VICTORIA PARK COMMUNITY HOMES

1 HAMILTON ST. S.
HAMILTON ONTARIO

NOTES, FRAMING PLAN AND SECTION

DATE	DRAWN BY	DRAWING No.
JUNE 2026	Q.N.	S2.0
PROJECT No. 25165	CHECKED BY R.H. & J.P.C.	

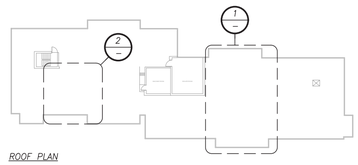
PLOT DATE: 2026/06/08 4:46 PM



PARTIAL ROOF FRAMING PLAN

SCALE 1/4"=1'-0"

EX. ROOF STRUCTURE IS ADEQUATE TO SUPPORT NEW MECHANICAL UNITS ON THIS PLAN.



ROOF PLAN

KEY PLAN

SCALE: N.T.S.

CONSTRUCTION NOTES:

1. APPROXIMATE LOCATION OF PROPOSED 2606lbs ERV-2 AND ERV-1. REFER TO MECHANICAL FOR EXTENTS AND WEIGHTS.
2. APPROXIMATE LOCATION OF PROPOSED 653lbs CU-2 AND CU-1. REFER TO MECHANICAL FOR EXTENTS AND WEIGHTS.
3. APPROXIMATE LOCATION OF PROPOSED 2100lbs ASHP-1 AND ASHP-2. REFER TO MECHANICAL FOR EXTENTS AND WEIGHTS.
4. NEATLY SAWCUT AND BREAK OPEN EXISTING EXTERIOR 6" BRICK WALL TO SUIT W8x18 STEEL BEAM INSTALLATION. INSTALL CONCRETE BLOCKc/w 6"x6"x⅜" BEARING PLATE FILLED SOLID. INSTALL W8x18 STEEL BEAM INTO POCKET AND MAKE GOOD EXISTING EXTERIOR WALL.
5. NEATLY SAWCUT OR CORE THROUGH EXISTING ROOF SLAB TO SUIT INSTALLATION OF 6"x6"x¼" HSS STUB COLUMN. FILL EXISTING CONCRETE BLOCK SOLID (16" MIN LENGTH) c/w 8"x18"x¼" BEARING PLATE WITH ½"ø ANCHORS. INSTALL 6"x6"x¼" HSS STUB COLUMN TO UNDERSIDE OF @8x18 STEEL BEAM AND MAKE GOOD EXISTING ROOF SLAB

SNOW PILE-UP NOTE:

SNOW PILE-UP DUE TO THE PROPOSED RTU NEED NOT BE CONSIDERED AS PER O.B.C. 2024 CLAUSE 4.1.6.7.(3) WHICH STATES:

(3) WHERE THE LONGEST HORIZONTAL DIMENSION OF THE ROOF PROJECTION IS LESS THAN 3m, THE DRIFT SURCHARGE ADJACENT TO THE PROJECTION NEED NOT BE CONSIDERED

FOR STRUCTURAL FRAMING INFORMATION REFER TO EXISTING STRUCTURAL DRAWINGS BY: MUNRO-PLOEN & ASSOCIATED LTD. PROJECT NO. ja 2-2861 DATED: OCTOBER 15, 1970

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NOTES AND FRAMING PLAN

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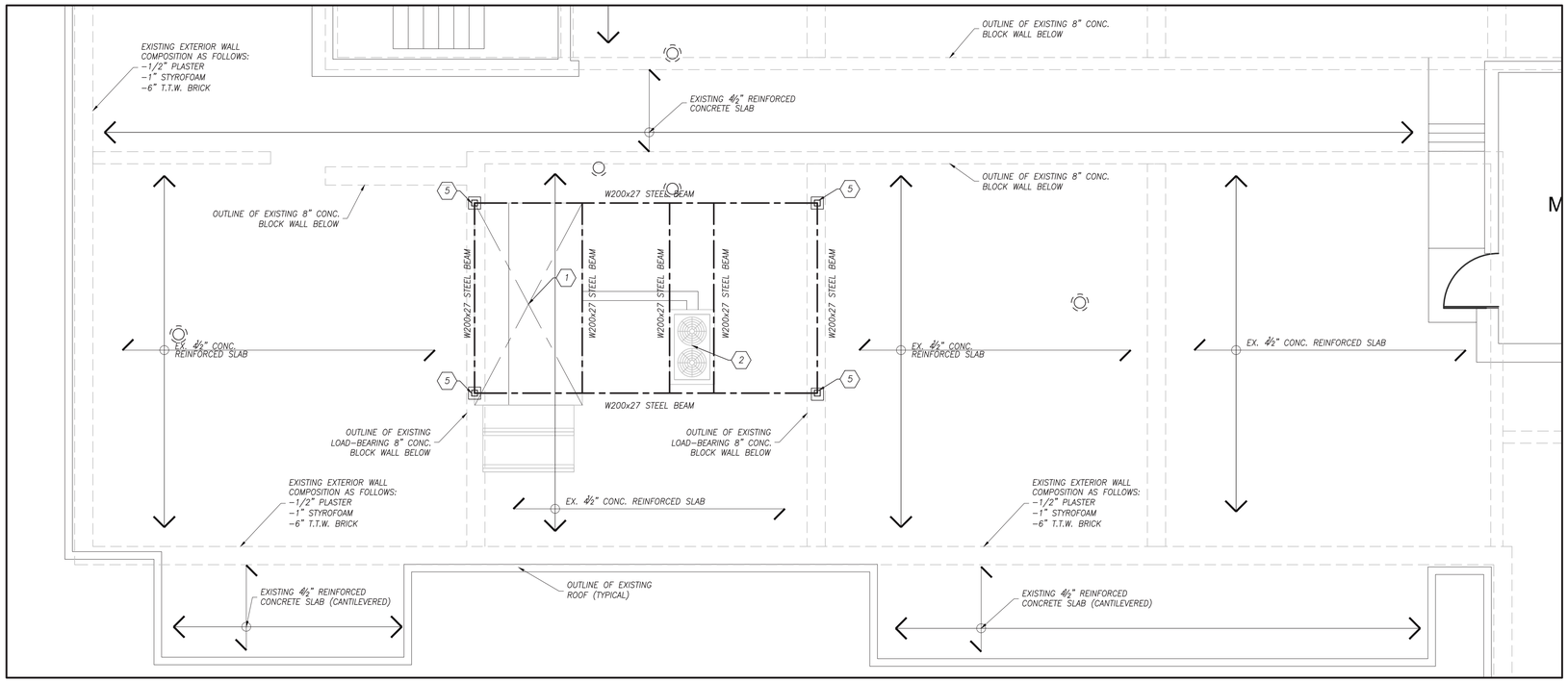
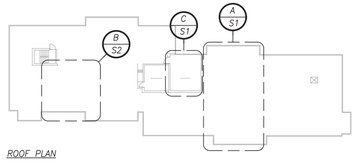


PARTIAL ROOF FRAMING PLAN (S)

SCALE 1/4"=1'-0"

EX. ROOF STRUCTURE IS ADEQUATE TO SUPPORT NEW MECHANICAL UNITS ON THIS PLAN.



ROOF PLAN

KEY PLAN

SCALE: N.T.S.

CONSTRUCTION NOTES:

1. APPROXIMATE LOCATION OF PROPOSED 2606lbs ERV–2 AND ERV–1. REFER TO MECHANICAL FOR EXTENTS AND WEIGHTS.
2. APPROXIMATE LOCATION OF PROPOSED 653lbs CU–2 AND CU–1. REFER TO MECHANICAL FOR EXTENTS AND WEIGHTS.
3. APPROXIMATE LOCATION OF PROPOSED 2100lbs ASHP–1 AND ASHP–2. REFER TO MECHANICAL FOR EXTENTS AND WEIGHTS.
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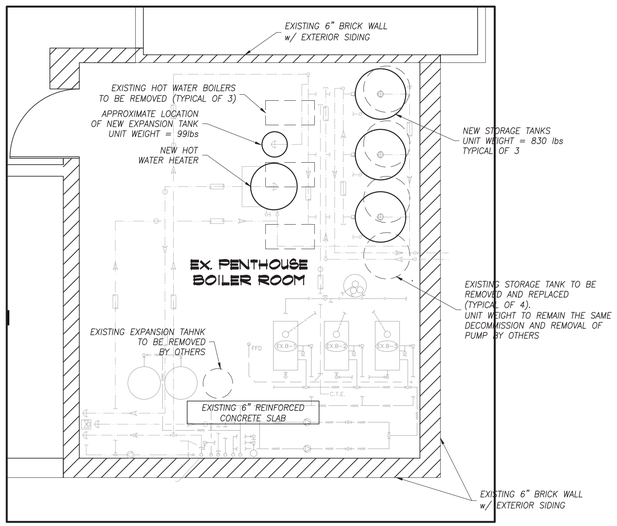
5. NEATLY SAWCUT OR CORE THROUGH EXISTING ROOF SLAB TO SUIT INSTALLATION OF 6"x6"x¼" HSS STUB COLUMN. FILL EXISTING CONCRETE BLOCK SOLID (16" MIN LENGTH) c/w 8"x18"x¼" BEARING PLATE WITH ½"ø ANCHORS. INSTALL 6"x6"x¼" HSS STUB COLUMN TO UNDERSIDE OF @8x18 STEEL BEAM AND MAKE GOOD EXISTING ROOF SLAB

SNOW PILE–UP NOTE:

SNOW PILE–UP DUE TO THE PROPOSED RTU NEED NOT BE CONSIDERED AS PER O.B.C. 2024 CLAUSE 4.1.6.7.(3) WHICH STATES:

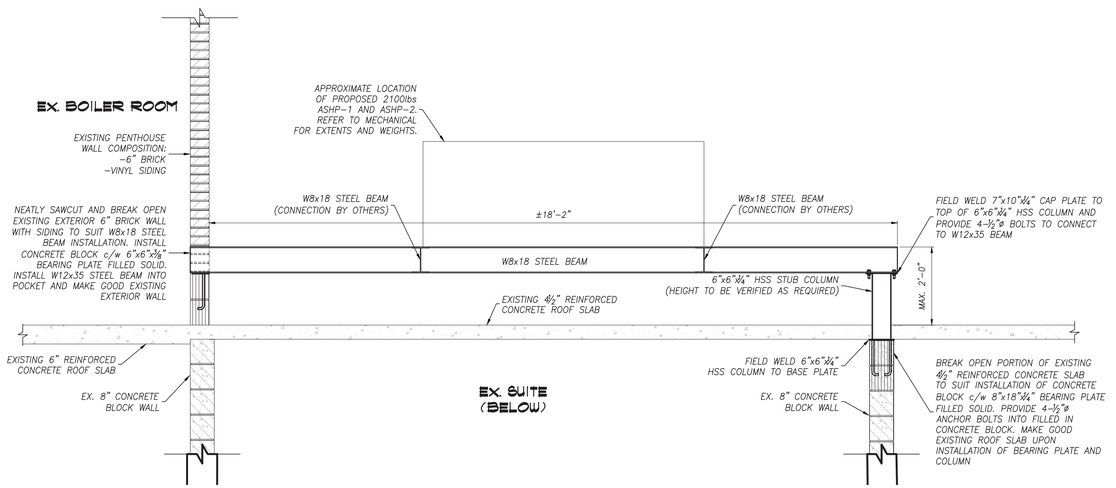
(3) WHERE THE LONGEST HORIZONTAL DIMENSION OF THE ROOF PROJECTION IS LESS THAN 3m, THE DRIFT SURCHARGE ADJACENT TO THE PROJECTION NEED NOT BE CONSIDERED



MECHANICAL PENTHOUSE FLOOR PLAN (C)

SCALE 1/4"=1'-0"

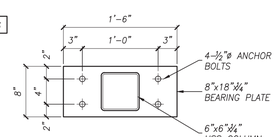
EX. FLOOR STRUCTURE IS ADEQUATE TO SUPPORT NEW MECHANICAL UNITS ON THIS PLAN.



SECTION (2)

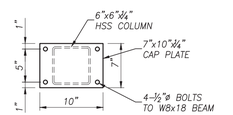
SCALE: 1/2"=1'-0"

INFILL EXISTING ROOF OPENING BY OTHERS



BEARING PLATE DETAIL

SCALE: 1"=1'–0"



CAP PLATE

SCALE: 1"=1'–0"

FOR STRUCTURAL FRAMING INFORMATION REFER TO EXISTING STRUCTURAL DRAWINGS BY: MUNRO–PLOEN & ASSOCIATED LTD. PROJECT NO. ja 2–2861 DATED: OCTOBER 15, 1970

TRUE NORTH

CONST. NORTH

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NOTES, FRAMING PLAN AND SECTION

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JUNE 2026	Q.N.	S4.0
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PLOT DATE: 2026/06/08 4:46 PM