

The following items are revisions and clarifications to the tender documents. Revisions to the drawings are outlined in structural sketches that are attached with this addendum. A revision number located within a triangle denotes changes to the drawings.

DRAWINGS:

1. Include Masonry Notes in General Notes and Typical Details to drawing S000; refer to sketch ADD-S01-SK1.
2. Double steel stud wall along gridline 1 to be replaced with an 8" block wall for fire separation. Refer to sketches ADD-S01-SK2 and ADD-S01-SK3 for details.

SPECIFICATIONS:

1. No changes required.

ADDENDUMS:

1. No changes required.

END OF STRUCTURAL ADDENDUM #S01

D04) MASONRY

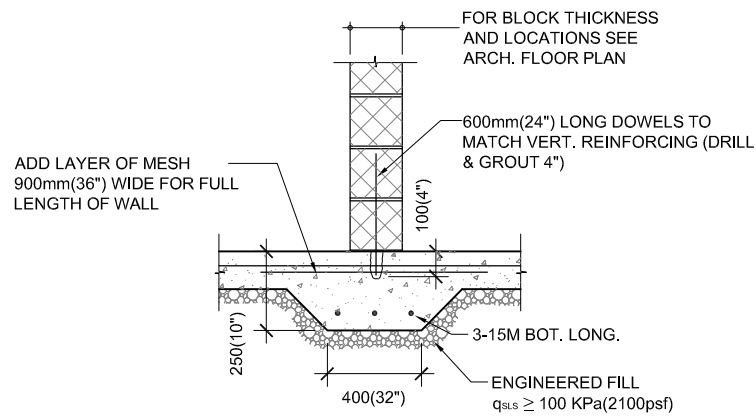
D04-1 GENERAL:

- ALL MASONRY WORK SHALL COMPLY WITH CAN3-S304.1-06, CAN3-A370-M84 AND A371-M84 UNLESS OTHERWISE NOTED.
- MINIMUM MASONRY REINFORCEMENT (UNLESS OTHERWISE NOTED):

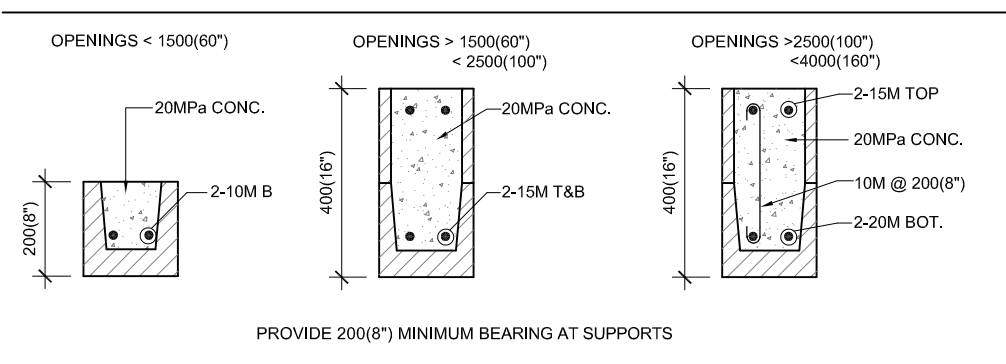
WALL THICKNESS	LOAD BEARING	NON-LOADBEARING
140mm (6")	HORIZ. SMR @ 200(8") OR HDMR @ 400(16") VERT. 1-15M @ 800(32")	SMR @ 400(16") 1-10M @ 1200(48")
190mm (8")	HORIZ. HDMR @ 200(8") & 400(16") (ALTERNATE) VERT. 1-20M @ 1200(48")	HDMR @ 600(24") 1-15M @ 1200(48")
240mm (10")	HORIZ. HDMR @ 200(8") VERT. 2-15M @ 1200(48")	HDMR @ 400(16") 2-10M @ 1200(48")
290mm (12")	HORIZ. HDMR @ 200(8") VERT. 2-20M @ 1200(48")	HDMR @ 400(16") 2-15M @ 1200(48")

- VERTICAL BARS SHALL BE CONTINUOUS, LAPPED ONLY AT FLOORS, DOWELED INTO SUPPORTS AND GROUTED INTO CLEAR VERTICAL BLOCK CORES SEALED ALL AROUND WITH MORTAR, PROVIDE CLEAN-OUT PORT AT BOTTOM OF EACH GROUTED CORE. DO NOT CLOSE PORT OR PLACE GROUT UNTIL CORE AND STEEL HAVE BEEN INSPECTED. PROVIDE THREE GROUTED REINFORCED (20M) CORES AT EACH CORNER AND INTERSECTION (MIN.).
- PROVIDE 1-20M IN 2-COURSE DEEP FULLY GROUTED HORIZONTAL BOND BEAM AT THE TOP OF ALL LOAD BEARING WALLS U/N.
- PROVIDE APPROVED LATERAL SUPPORT TO TOP AND BOTTOM OF MASONRY PANELS AT GROUTED CORE LOCATIONS OR AT 1800mm(6'-0") MAXIMUM SPACING WHERE NO VERTICAL REINFORCEMENT IS REQUIRED; ALSO AT SIDES OF MASONRY PANELS AT 4 TIMES THE WALL THICKNESS.
- COMPRESSIVE STRENGTH OF MATERIALS USED FOR LOAD BEARING AND PANEL WALLS SHALL BE IN EXCESS OF THE FOLLOWING VALUES:
 - MASONRY UNITS - HOLLOW CONCRETE BLOCK 15 MPa (2200 psi)
- SOLID CONCRETE BLOCK (GROSS AREA) 15 MPa (2200 psi)
- TYPE 'S' MORTAR SHALL BE USED FOR MASONRY BELOW GRADE, MIN. STRENGTH $f_m = 12.4$ MPa. (1800 psi)
TYPE 'N' MORTAR SHALL BE USED ABOVE GRADE, MIN. STRENGTH $f_m = 5.2$ MPa. (800 psi)
- GROUT TO BE A MINIMUM OF 15 MPa (2900 psi) MIN. SLUMP OF 200mm (8").
- MORTAR FOR EXPOSED MASONRY SHALL BE AIR ENTRAINED.
- PROVIDE LINTELS FOR ALL OPENINGS AND/OR RECESSES IN MASONRY WALLS SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS INCLUDING THOSE FOR MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT. (SEE LINTEL SCHEDULE)
- INTERSECTING OR ABUTTING WALLS SHALL BE BONDED ADEQUATELY TOGETHER.
- PROVIDE MINIMUM 25mm(1") GROUT UNDER ALL WALL PLATES AND BASE PLATES.

D04-5 NON-LOADBEARING MASONRY WALL @ SLAB-ON-GRADE: H ≤ 5m(16'-0")



D04-6 MASONRY LINTELS FOR NON-LOADBEARING WALLS:



D04-7 LOOSE LINTEL SCHEDULE - 90mm(3½") BRICK MASONRY:

LOOSE LINTEL SCHEDULE

- SPANS < 1200(48") L 90x90x6.4 (L3½"x3½"x¾")
- SPANS < 1800(72") L 102x90x7.9 (L4"x3½"x¾")
- SPANS < 2400(96") L 127x90x7.9 (L5"x3½"x¾")
- SPANS < 3000(120") L 152x102x10 (L6"x4"x¾")

PROVIDE LOOSE LINTELS ABOVE ALL MASONRY CLADDING OPENINGS U/N.
ALL LOOSE LINTELS TO BE HOT DIPPED GALVANIZED U/N.



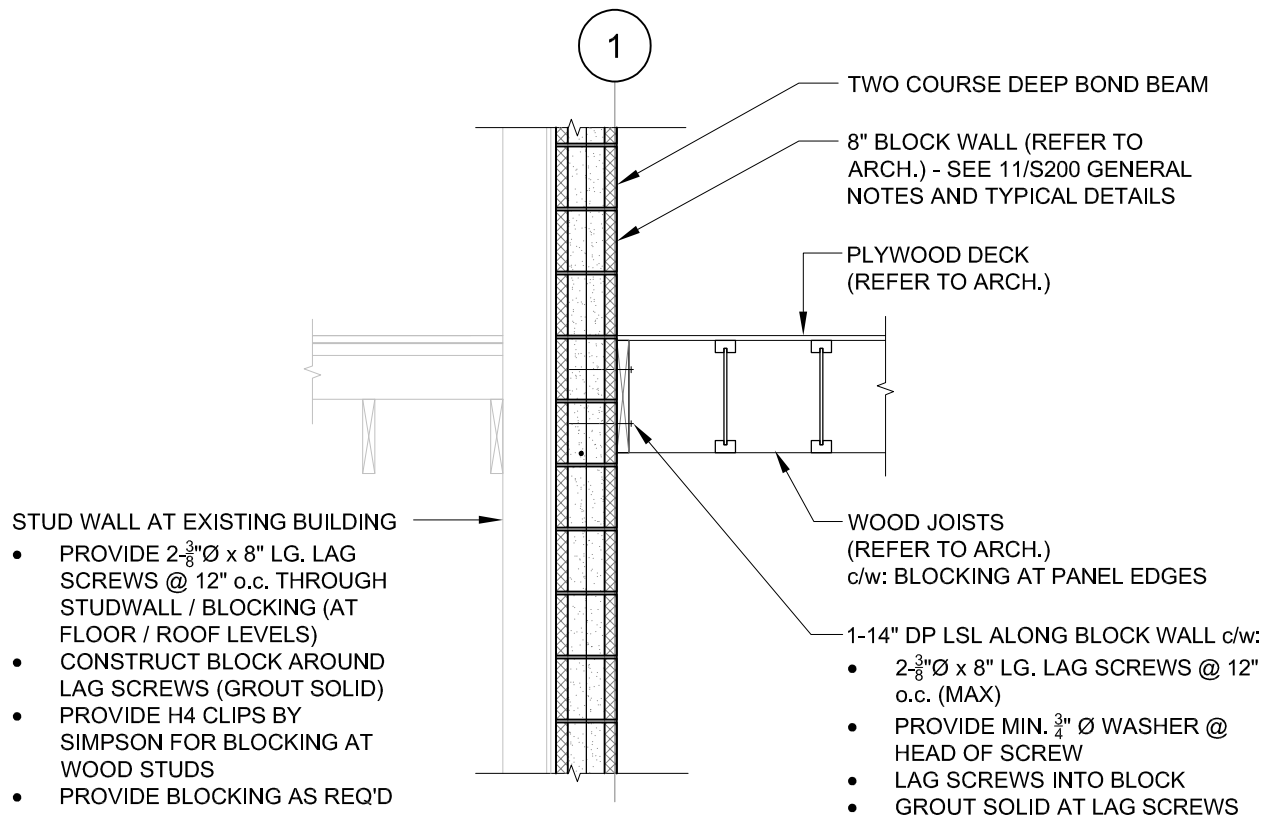
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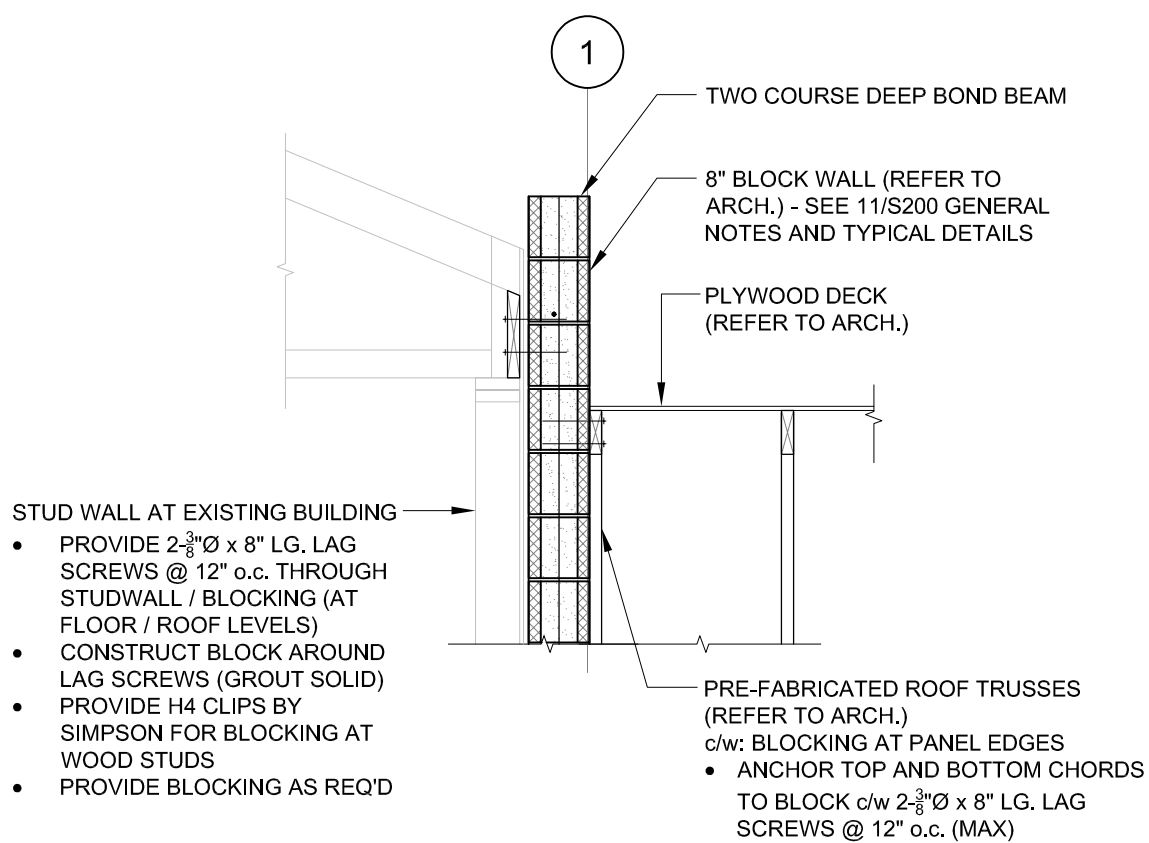
PROJECT	PROPOSED 12 UNIT EXTENSION MILLS SUPPORTIVE HOUSING
DRAWING	MASONRY NOTES (REF: S000)

DRAWN:	T. WHEELER
DESIGNED:	T. CAIN
DATE:	18/03/05
SCALE:	AS NOTED
PROJECT No:	18-0027

DRAWING No.
ADD-S01
SK1



8 SECTION: BLOCK WALL AT SECOND FLOOR
S200 SCALE 1/2"=1'-0"



9 SECTION: BLOCK WALL AT ROOF
S200 SCALE 1/2"=1'-0"



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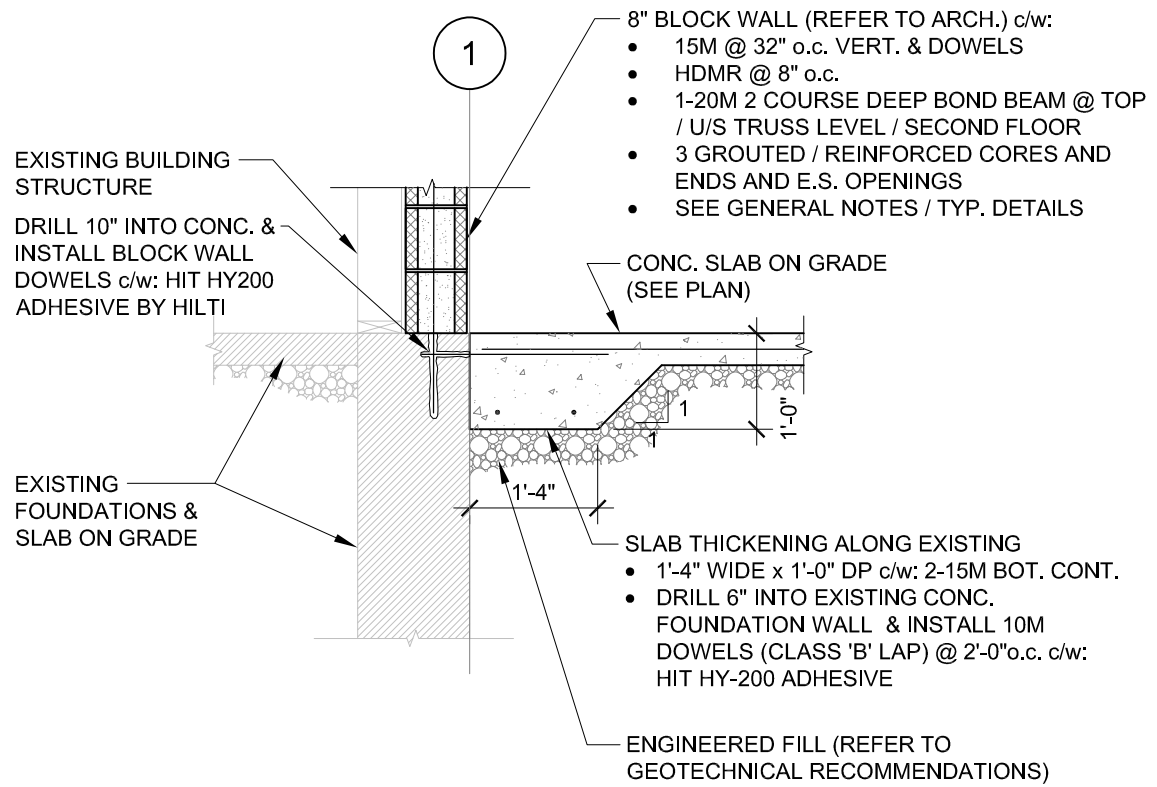
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PROJECT
**PROPOSED 12 UNIT EXTENSION
MILLS SUPPORTIVE HOUSING**

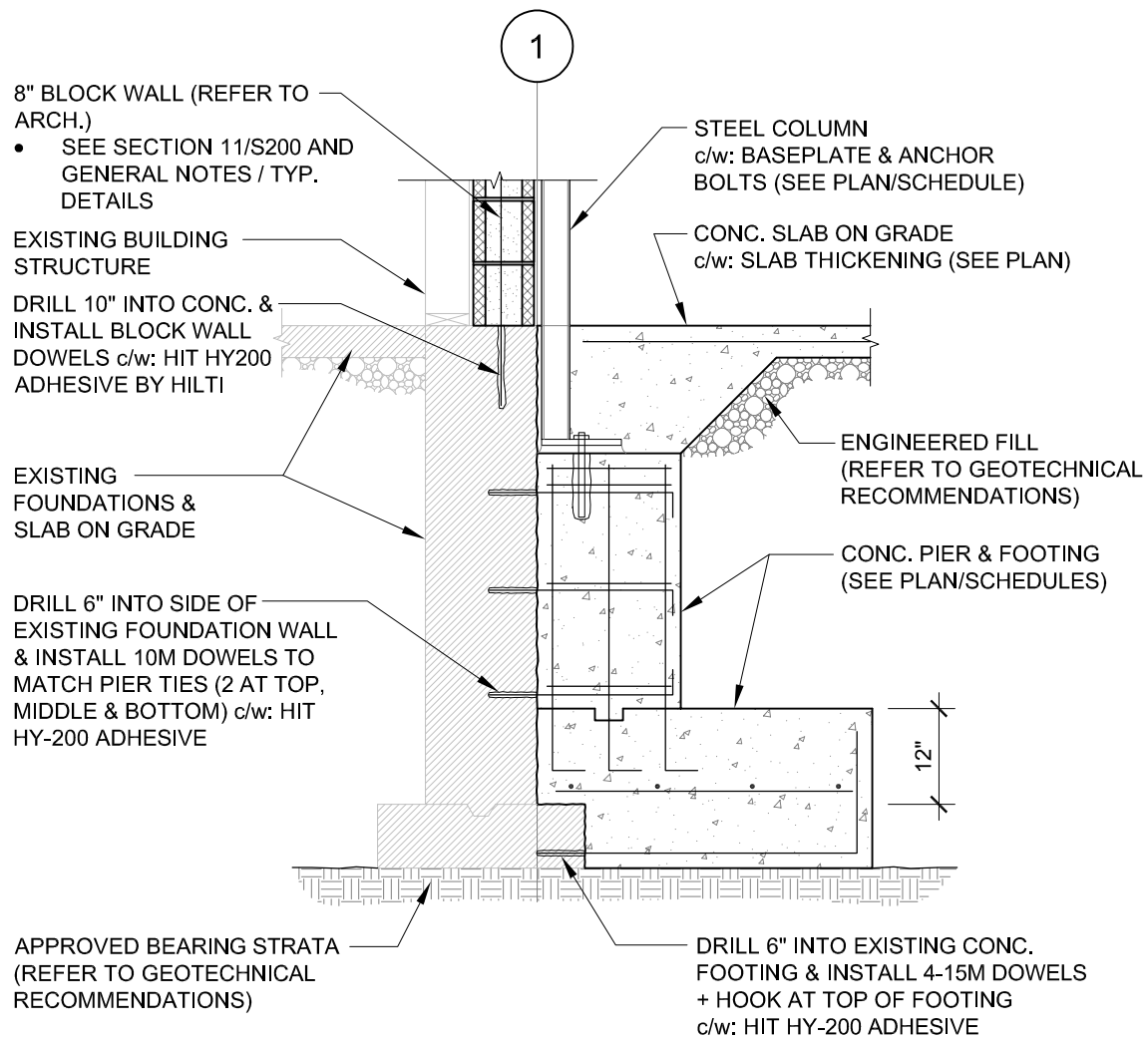
DRAWING
BLOCK WALL DETAILS (REF: 200)

DRAWN: T.WHEELER
DESIGNED: T.CAIN
DATE: 18/03/05
SCALE: NOTED
PROJECT No: 18-0027

DRAWING No.
**ADD-S01
SK2**



11 SECTION: SLAB THICKENING ALONG EXISTING
S200 SCALE 1/2"=1'-0"



12 SECTION: CONCRETE PIER AT EXISTING
S200 SCALE 1/2"=1'-0"



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PROJECT	PROPOSED 12 UNIT EXTENSION MILLS SUPPORTIVE HOUSING
DRAWING	BLOCK WALL DETAILS

DRAWN:	T.WHEELER
DESIGNED:	T.CAIN
DATE:	18/03/05
SCALE:	NOTED
PROJECT No:	18-0027

DRAWING No.
ADD-S01
SK3