



PARIC CORPORATION
77 Westport Plaza Suite 250
St. Louis, MO 63146
TEL: 636-561-9500
FAX: 636-561-9501

REQUEST FOR INFORMATION	DATE: May 11, 2016	NO.: RFI-066
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To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

Project Name: Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Plumbing penetrations through structural concrete

Response Required By: May 18, 2016

Drawing / Spec Reference:

Information Requested:

The plumbing drawings show multiple sleeves through the structural concrete. Please confirm these are approved by the structural engineer as shown.

Response:

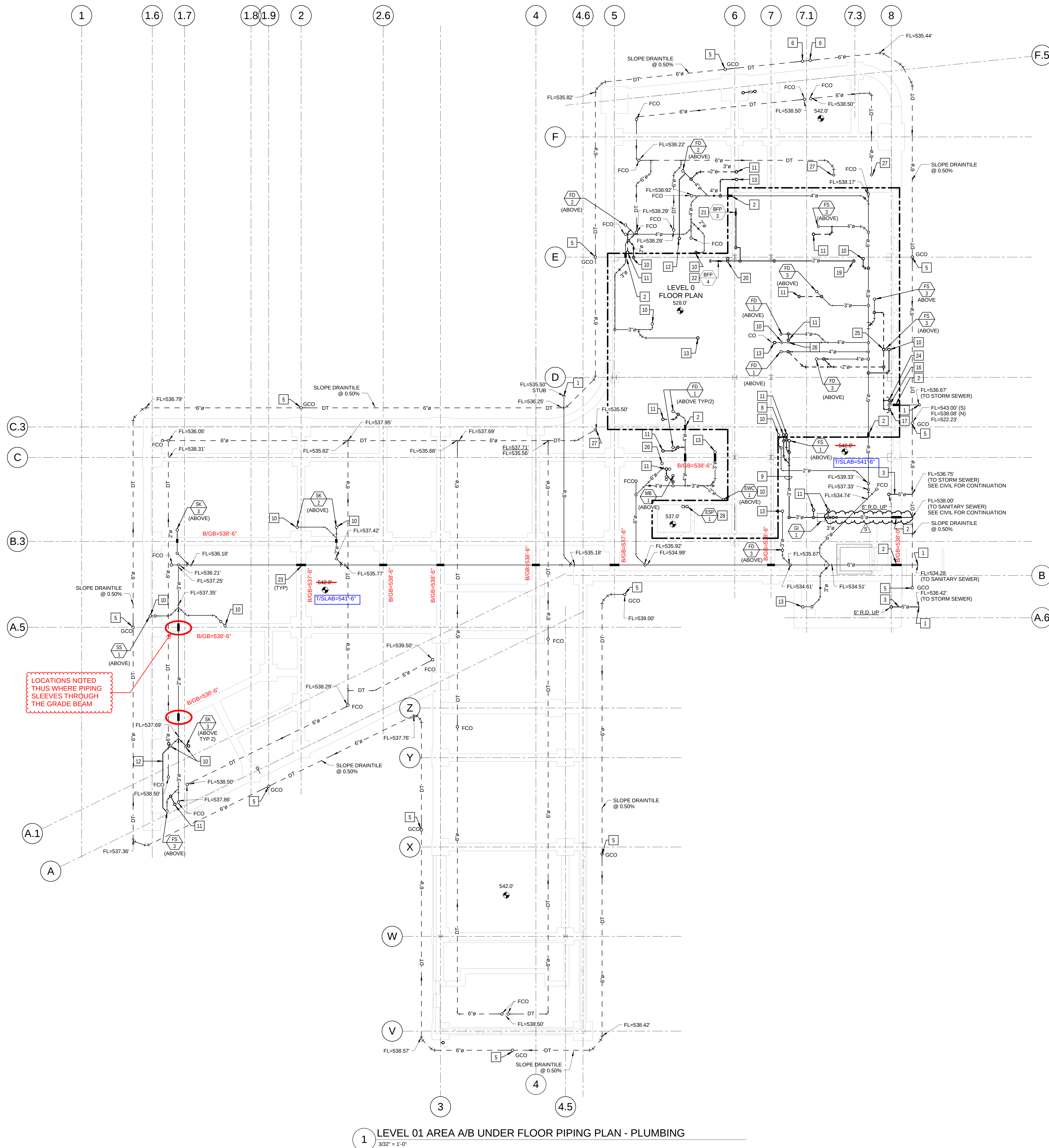
Yes, there were sleeves which were coordinated with structural, but there were only a few. See 6/S0002 and 6/S0003. However, there are numerous locations shown on the plumbing drawings that should only require a protective steel conduit under the grade beam. The B/GB elevations are noted on the two lower level plumbing drawings. These have been coordinated with plumbing and their markups are also attached for reference as provided by Mike Whitworth / WEBB Engineering.

ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

Answered By: JILL WALKER / DMA

Date: 5/13/2016



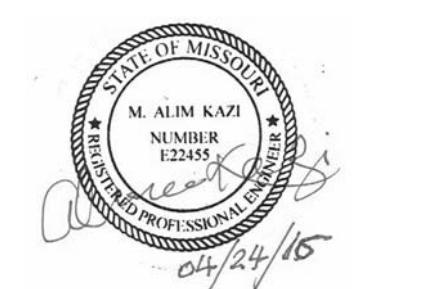
KEYED NOTES: (THIS SHEET ONLY)

- 1 REFER TO CIVIL SITE PLAN FOR CONTINUATION.
- 2 SLEEVE AND SEAL WATER TIGHT WITH "LINK-SEAL" ASSEMBLY, REFER TO DETAIL ON DRAWING P0501.
- 3 6" ROOF DRAIN LEADER
- 4 (NOT USED)
- 5 SUB-SOIL DRAINAGE CLEANOUT AT GRADE. REFER TO DETAIL ON DRAWING P0501.
- 6 TWO WAY SUB-SOIL DRAINAGE CLEANOUT AT GRADE. REFER TO DETAIL ON DRAWING P0501.
- 7 6" SANITARY WASTE LINE
- 8 2" GREASE WASTE LINE UP
- 9 3" GREASE WASTE LINE TO BE CONNECTED TO 35 GALLON GREASE INTERCEPTOR.
- 10 2" WASTE UP
- 11 2" VENT UP
- 12 1/2" TRAP PRIMER CONNECTION UP TO SINK TAIL PIECE.
- 13 3" WASTE UP
- 14 (NOT USED)
- 15 REFER TO THE CIVIL SITE DRAWINGS FOR THE CONTINUATION OF THE (FDC) UNDERGROUND PIPING AND LOCATION OF THE FREE STANDING (FDC).
- 16 6" PUMP DISCHARGE UP FACE OF WALL FROM SUMP PUMP SP-1/SP-2.
- 17 2" VENT UP FACE OF WALL FROM SAND INTERCEPTOR.
- 18 2" VENT UP FROM BELOW FLOOR.
- 19 2" COLD WATER UP TO MECHANICAL ROOM ON LEVEL 1.
- 20 EXTEND 3/4" C.W. DOWN FACE OF WALL TO WALL MOUNTED HOSE BIBB. VERIFY LOCATION WITH MECHANICAL EQUIPMENT. PROVIDE SHUT-OFF VALVE IN LINE.
- 21 BACKFLOW PREVENTER FOR DEIONIZED WATER SYSTEM. VERIFY LOCATION WITH EQUIPMENT PLACEMENT. SUPPORT FROM STRUCTURE, DO NOT SUPPORT FROM PIPE. EXTEND DISCHARGE TO FLOOR DRAIN.
- 22 BACKFLOW PREVENTER TO MECHANICAL MAKE-UP WATER. VERIFY LOCATION WITH MECHANICAL CONTRACTOR.
- 23 SLEEVE THROUGH GRADE BEAM. COORDINATE WITH STRUCTURAL.
- 24 2" VENT UP FACE OF WALL FROM SUMP PUMP SP-1/SP-2.
- 25 2" VENT UP THROUGH FLOOR TO LEVEL 1. REFER TO DRAWING P0101-A FOR CONTINUATION.
- 26 4" WASTE UP TO SERVE TOILET ROOMS ABOVE. REFER TO DRAWING P0101-A FOR CONTINUATION.
- 27 6" DRAIN TILE DOWN TO SUB DRAINAGE SYSTEM BELOW. REFER TO DRAWING P0010 FOR CONTINUATION.
- 28 REFER TO DETAIL 9 ON SHEET P0501.

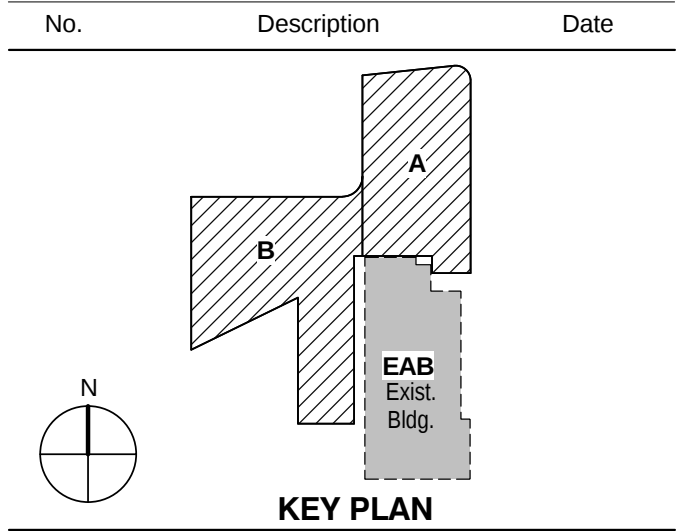
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FURNISH AND INSTALL 6" PERFORATED SCHEDULE 40 PVC DRAIN TILE ALONG PERIMETER FOUNDATION WALLS AND BELOW BASEMENT FLOOR SLAB AS INDICATED. SLOPE DRAIN AT 0.50% MINIMUM. ADJUST EXACT LOCATION AND ROUTING AS NECESSARY TO AVOID PIERS AND ANY OTHER STRUCTURAL ELEMENTS.

FURNISH AND INSTALL SUMP PUMP, SAND INTERCEPTOR AND FLOOR DRAINS PER MSD'S STANDARD DETAIL FIGURE 3-2 IN THE LATEST PUBLISHED RULES AND REGULATIONS AND ENGINEERING DESIGN REQUIREMENTS FOR SANITARY SEWER AND STORMWATER DRAINAGE FACILITIES.



5	ADDENDUM 2-3	24	APR 2016
4	ADDENDUM 2-2	19	APR 2016
3	MSD SUBMITTAL	12	APR 2016
2	MSD SUBMITTAL	08	APR 2016
1	ADDENDUM 2-1	17	MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01	MAR 2016



Drawing Title:

LEVEL 01 AREA A/B UNDERFLOOR PLAN - PLUMBING

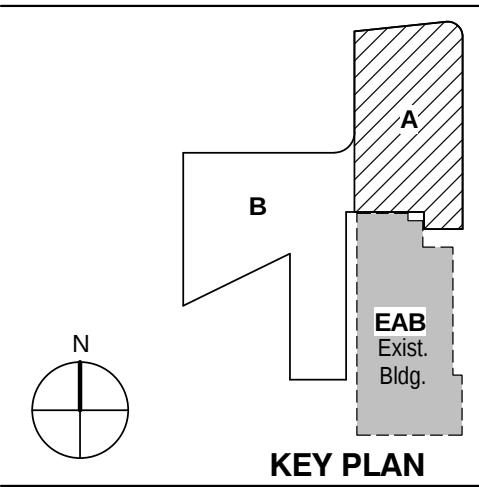
Project No.: 04561.01

Checked by:

P0011

3	ADDENDUM 2-2	19 APR 2016
2	MSD SUBMITTAL	12 APR 2016
1	ADDENDUM 2-1	17 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP2)	01 MAR 2016

No.	Description	Date
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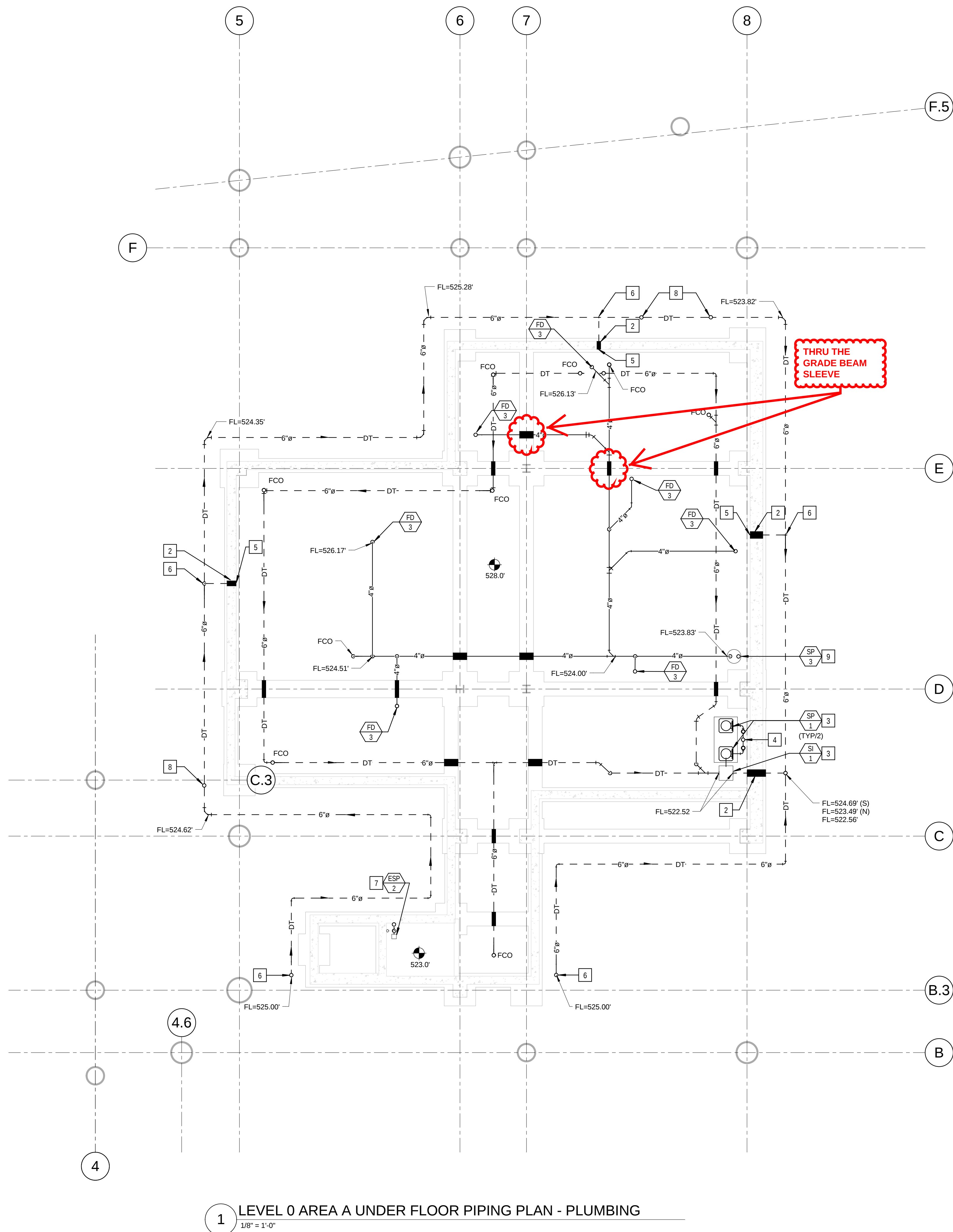


KEY PLAN

LEVEL 0 AREA A
UNDERFLOOR PLAN -
PLUMBING

Project No.: 04561.01 Checked by:

P0010



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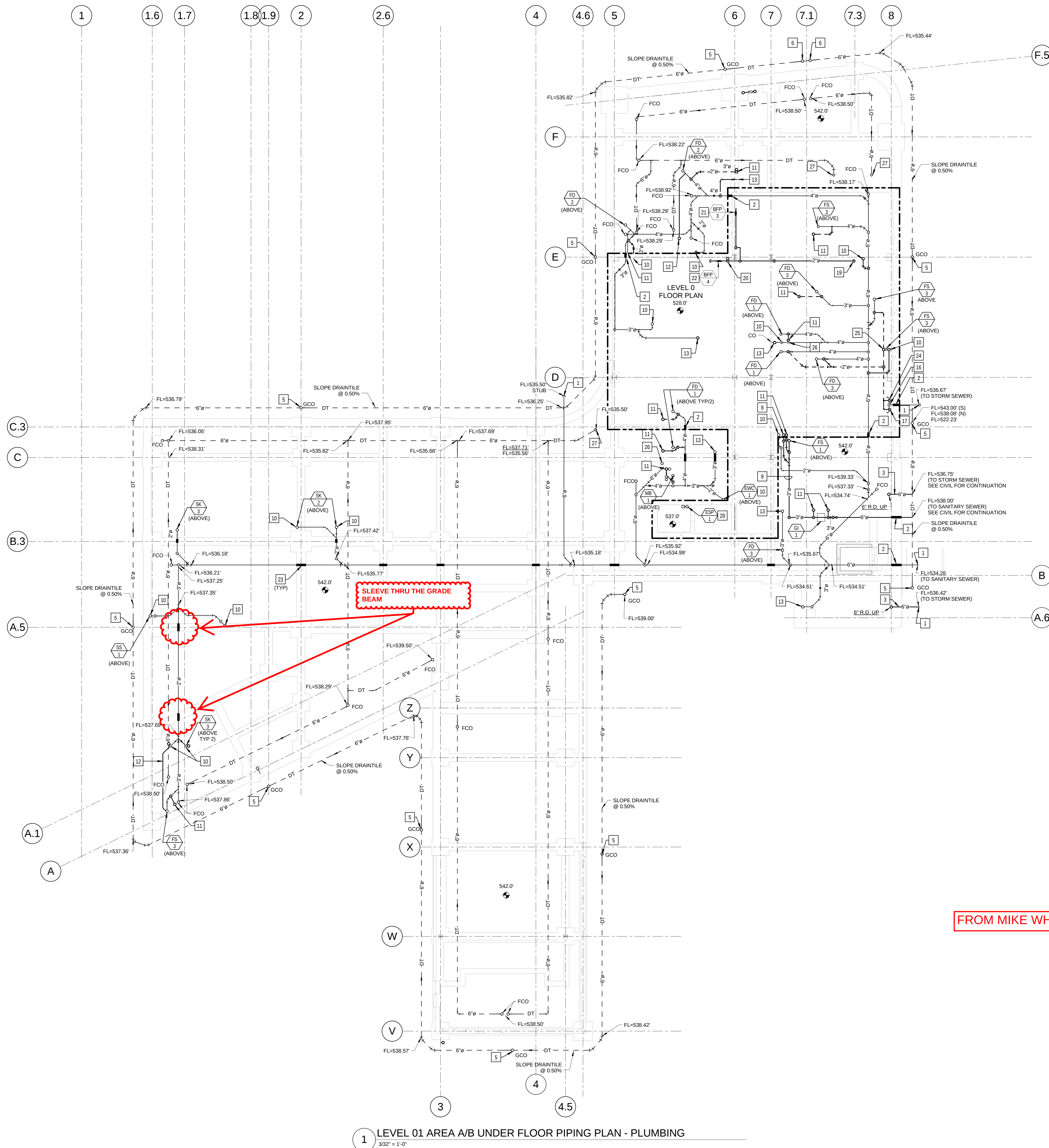
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- 3 REFER TO DETAIL ON DRAWING P0502.
- 4 6" SUMP PUMP DISCHARGE LINE UP.
- 5 WALL CLEANOUT, TO BE INSTALLED 24" AFF.
- 6 6" UP TO SUB-SOIL DRAINAGE CLEANOUT, REFER TO DETAIL ON DRAWING P0502.
- 7 REFER TO DETAIL ON DRAWING P0501.
- 8 6" DRAIN TILE UP TO SUBDRAINAGE SYSTEM ABOVE. REFER TO DRAWING P0011 FOR CONTINUATION.
- 9 2" SUMP PUMP DISCHARGE LINE UP.

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FROM MIKE WHITWORTH OF WEBB ENGINEERING 5/13/2016



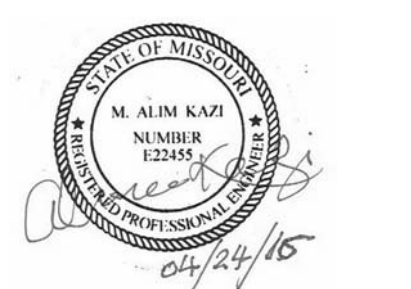
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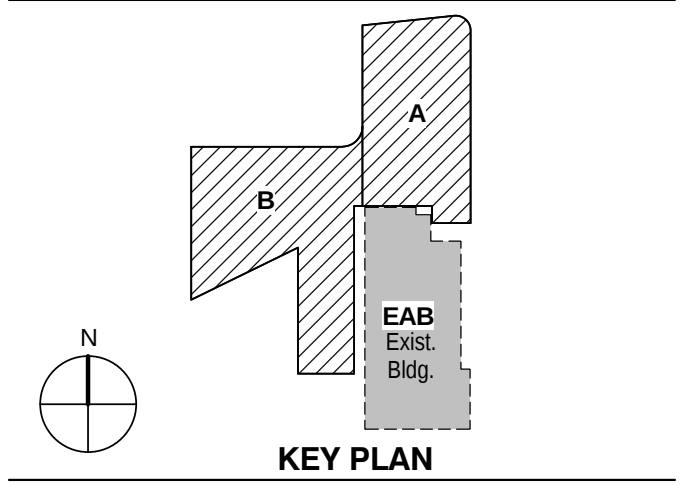
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