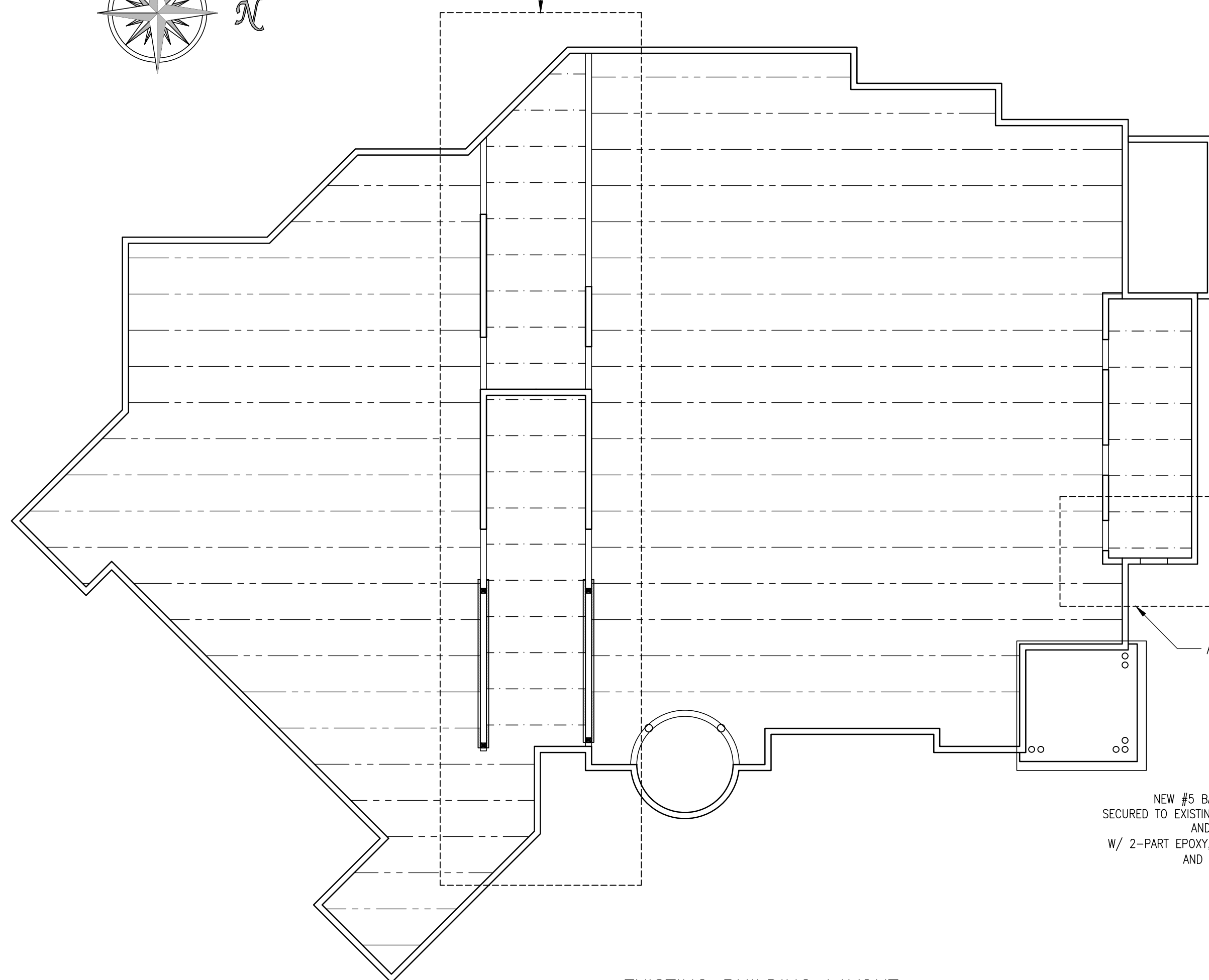


AREA #1 OF THIS PLAN.



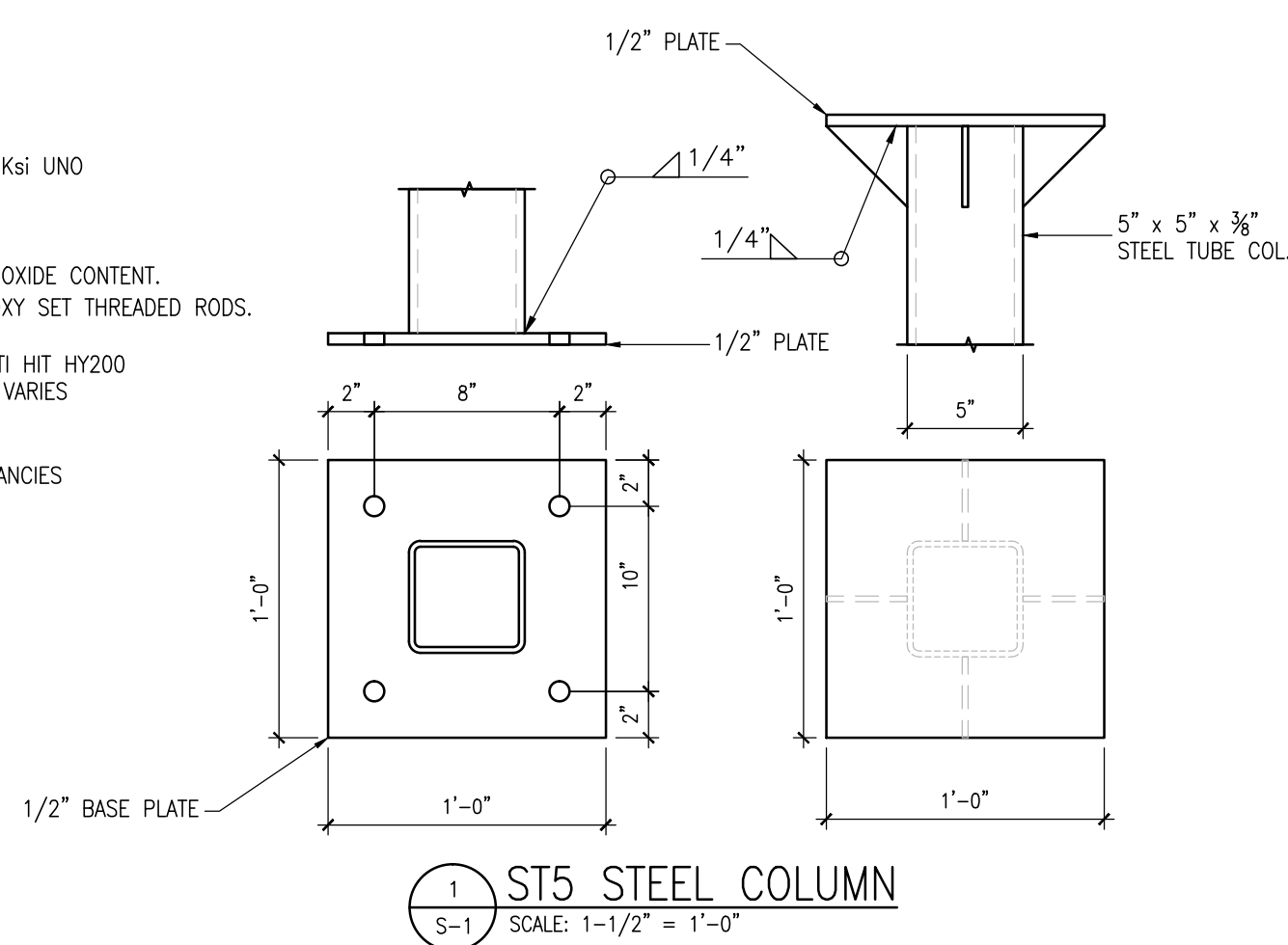
EXISTING BUILDING LAYOUT
SCALE: 3/32" = 1'-0"

COLUMN SCHEDULE			
MARK	SIZE & DESCRIPTION	BASE PLATE OR REINFORCEMENT	REMARK
(S1)	5" x 5" x 3/8" STEEL TUBE	(S1)	
(C2)	8"x12" CONC. COL.	(4) #5 VERTICAL & DOWELS #3 TIES @ 8" O/C	

NEW #5 BAR IN GROUTED CELL SECURED TO EXISTING CONC. FOUNDATION AND CONC. BEAM ABOVE. W/ 2-PART EPOXY, 6" MIN. EMBEDMENT AND 36" MIN. LAP SPLICE.

NEW CONC. COLUMN. INSERTED INTO WALL PRIOR TO REMOVING END OF WALL. 8x12 MIN. W/ (4) #5 VERT. #3 TIES @ 8" O/C. PROVIDE (2) #5 DOWELS, TOP AND BTM. CENTERED IN WALL. SECURED W/ 2-PART EPOXY, 8" MIN. EMBEDMENT.

VERIFY THAT EXISTING CONC. BEAM IS 8x24 AND CONT. ALL THE WAY THROUGH. IF A DIFFERENT CONDITION EXISTS THEN NOTIFY THIS ENGINEER. A DIFFERENT DETAIL MAY BE REQUIRED.



ST5 STEEL COLUMN
SCALE: 1-1/2" = 1'-0"

- ALL STEEL PLATES TO BE A572, Fy=50 Ksi UNO TUBE COLUMNS A500, Fy=50 Ksi
- ALL ELECTRODES TO BE 70XX
- ALL WELDS TO BE CONTINUOUS
- PAIN W/ A PAINT HAVING A 95% ZINC OXIDE CONTENT.
- ALL HOLES TO BE 3/8" Ø FOR 3/4" Ø EPOXY SET THREADED RODS. 12" MIN. EMBEDMENT.
- EPOXY TO BE 2-PART SYSTEM LIKE HILTI HIT HY200
- THE OVERALL HEIGHT OF THE COLUMNS VARIES NEEDS TO BE COORDINATED W/ THE STEEL JOIST DRAWINGS.
- NOTIFY THIS ENGINEER OF ANY DISCREPANCIES

INSPECTOR NOTE
NEW STRUCTURAL COMPONENTS WERE DESIGNED BASED ON THE FBC 2014, AND ASCE 7-10, 170 MPH (3 SEC), EXP. C. RISK CAT. 2.

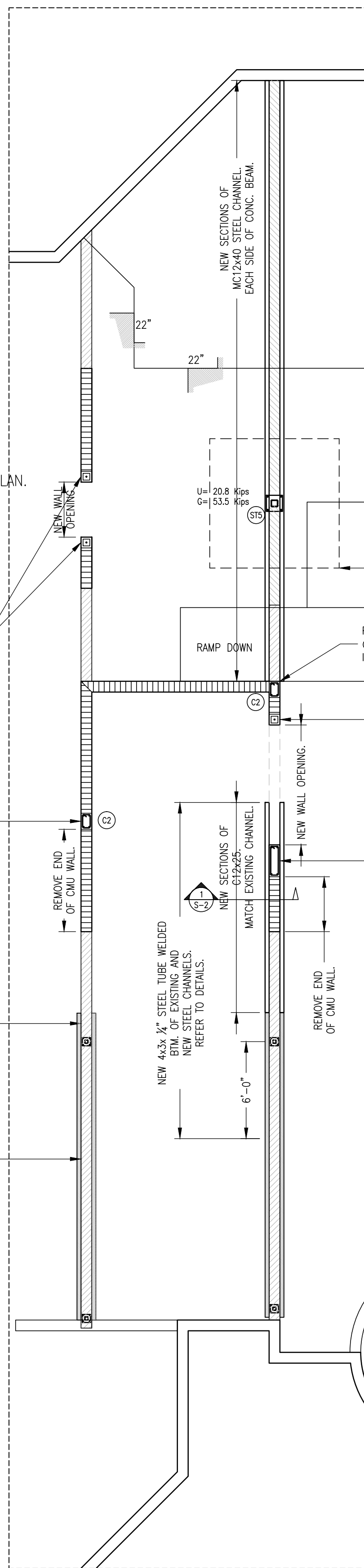
- NOTES
- ALL STEEL REINF. TO BE GRADE 60 KSI
 - ALL CONC. TO BE 3,000 PSI @ 28 DAYS, 6" SLUMP MAX.
 - DIMENSIONS WERE NOT SHOWN ON PURPOSE. COORDINATE W/ ARCHT. PLANS. THOSE DIMENSIONS SHOWN ARE RELATIVE TO BOUNDARY CONDITIONS. AS NEEDED ADJUST AND FIELD MEASURE TO ACHIEVE THE INDICATED DIMENSIONS.
 - ALTHOUGH WE HAVE ATTEMPTED TO DOCUMENT THE EXISTING STRUCTURAL, 4. NOTIFY THIS ENGINEER OF ANY DISCREPANCIES.

NEW CONC. FOUNDATION 8x8x3.5' W/ (8) #7's EACH WAY, TOP & BTM. SIZE OF FOUNDATION IS FOR UPLIFT RESTRAINT.

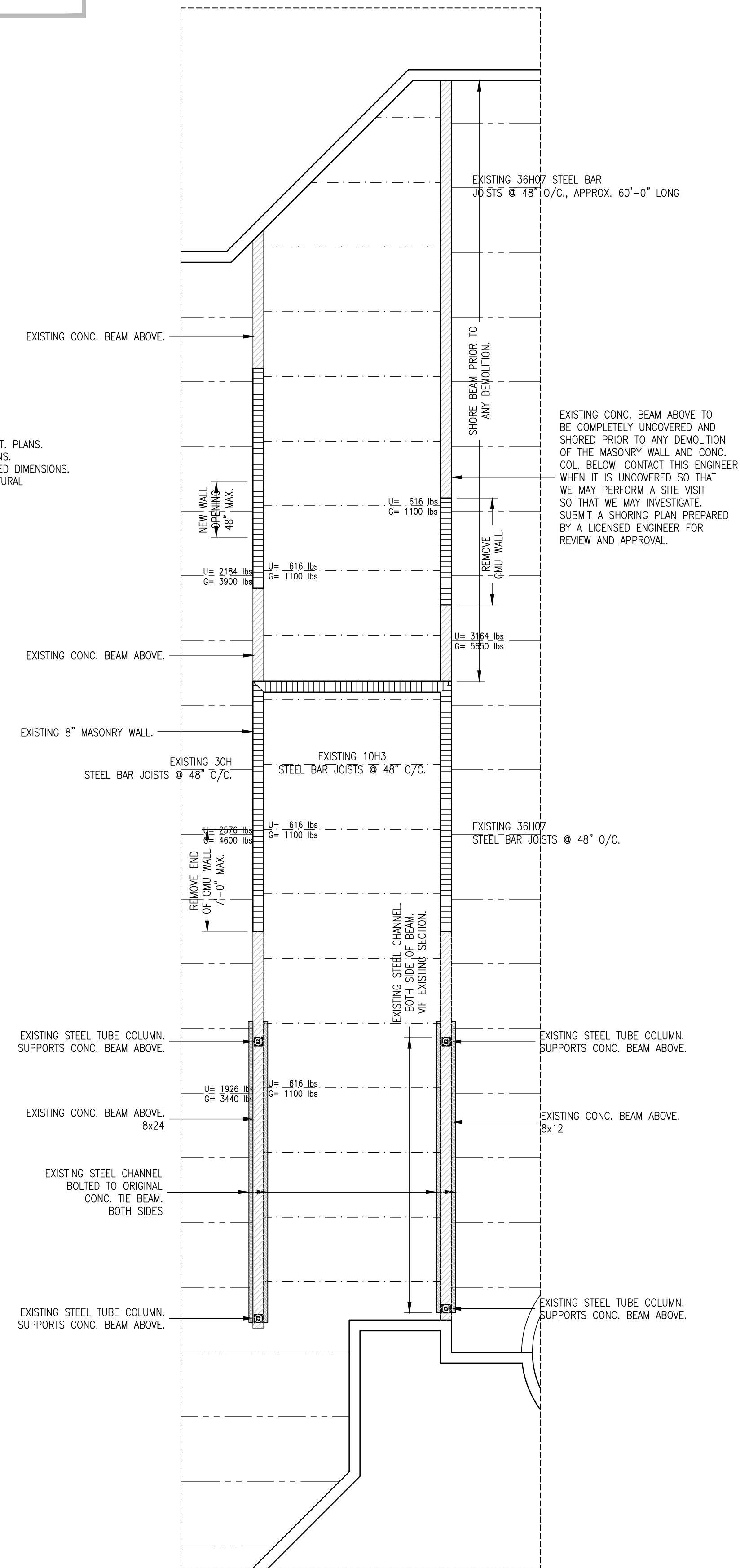
PROVIDE NEW 8x12 CONC. COLUMN. END OF WALL. DRILL AND EPOXY (2) #5 x 48" DOWELS INTO FOUNDATION AND BEAM ABOVE.

NEW #5 BAR IN GROUTED CELL SECURED TO EXISTING CONC. FOUNDATION AND CONC. BEAM ABOVE. W/ 2-PART EPOXY, 6" MIN. EMBEDMENT AND 36" MIN. LAP SPLICE.

NEW CONC. COLUMN. INSERTED INTO WALL PRIOR TO REMOVING EXISTING WALL SEGMENTS. 8x16 MIN. W/ (6) #5 VERT. #3 TIES @ 8" O/C. PROVIDE (3) #5 DOWELS, TOP AND BTM. CENTERED IN WALL. SECURED W/ 2-PART EPOXY, 8" MIN. EMBEDMENT.



REVISED FLOOR PLAN - AREA #1
SCALE: 3/16" = 1'-0"



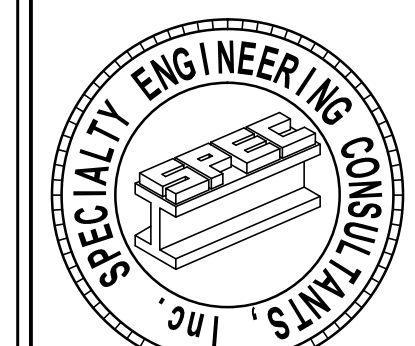
EXISTING ROOF FRAMING LAYOUT - AREA #1
SCALE: 3/16" = 1'-0"

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Specialty Engineering Consultants, Inc.

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FILE NAME: struct_KLA_MWeiner
SCALE: 3/16" = 1'-0"
DATE: 4/27/16
RVD. BY: G.McD.
DRWN. BY: G.McD.

REVISION
0

SEAL
GARY McDUGGLE, PE FL #56214
D. MARK LeBLANC, PE FL #35683
D. ADAM LeBLANC, PE FL #77012

SHEET # OF
S1 3