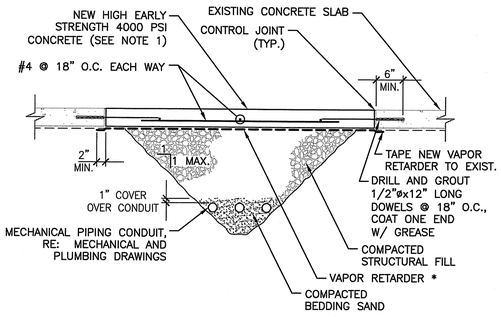


NOTES:

1. CONCRETE SHALL BE LOW SLUMP (<4"), HIGH EARLY STRENGTH WITH RAPID SETTING CEMENT BY CTS OR EQUAL.
2. NEW CONCRETE SLAB THICKNESS SHALL MATCH EXISTING.
3. PROVIDE TRANSVERSE SAW CUT CONTROL JOINTS THAT ARE 1/4 OF THE SLAB DEPTH AND ARE SPACED 1.5x THE TRENCH WIDTH.
4. PROVIDE CONTROL JOINTS AT INTERFACE BETWEEN NEW AND EXISTING CONCRETE.
5. WET CURE FOR 7 DAYS MINIMUM.
6. * VAPOR RETARDER REQUIRED ONLY IF THERE IS A VAPOR RETARDER UNDER EXISTING SLAB.

F1	TYPICAL TRENCHING DETAIL
3/4"=1'-0"	*

DEMOLITION NOTES:

1. WORK INCLUDES SAW-CUTTING AND REMOVAL OF 16" THICK STRUCTURAL SLAB.
2. CONTRACTOR IS TO VERIFY PRIOR TO COMMENCING WORK THAT ELECTRICAL, MECHANICAL OR OTHER SERVICES IN THE AREA OF WORK ARE DISCONNECTED AND/OR CAPPED.
3. REMOVE CONCRETE SYSTEMATICALLY AND IN SECTIONS AS REQUIRED TO ENSURE SURROUNDING AREAS ARE NOT DAMAGED DURING DEMOLITION PROCESS. SIDES OF HOLES ARE TO BE CUT PLUMB AND SQUARE. CONTRACTOR IS RESPONSIBLE FOR PROTECTING SURROUNDINGS DURING WORK.
4. REMOVE DEMOLISHED MATERIAL FROM PROJECT SITE, AND DISPOSE OF MATERIAL IN COMPLIANCE WITH APPLICABLE LAWS.

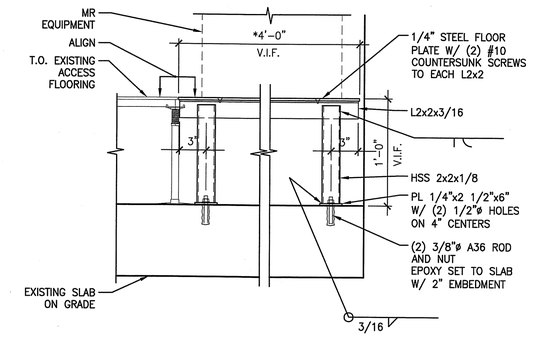
CONCRETE NOTES:

1. ALL WORK SHALL COMPLY WITH ACI 318-11 " BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", ACI 301-10 "SPECIFICATION FOR STRUCTURAL CONCRETE", AND ACI-302.1R-04 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION".
2. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. PROVIDE PORTLAND CEMENT TYPE I/II (ASTM C150) WITH NORMAL-WEIGHT AGGREGATES COARSE GRADED OR BETTER (ASTM C33) WITH A MAXIMUM SIZE LIMIT OF 3/4". MIX DESIGNS SHALL BE SUBMITTED FOR APPROVAL INDICATING A MAXIMUM WATER-CEMENT RATIO OF 0.44 (NON-AIR ENTRAINED).
3. PROVIDE NON-FERROUS FIBER REINFORCEMENT IN SLABS AT DOSAGE RATE RECOMMENDED BY MANUFACTURER.
4. SEE ARCHITECTURAL DRAWINGS FOR FINISHING REQUIREMENTS.
5. WHERE ITEMS ARE INDICATED TO BE EPOXY SET, PROVIDE HILTI HIT-HY200, OR APPROVED ALTERNATE.

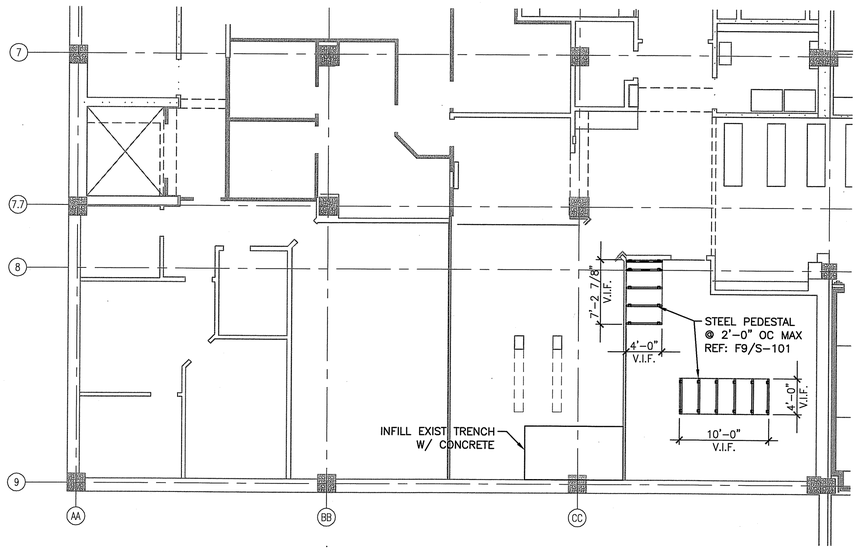
STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "STEEL CONSTRUCTION MANUAL" - THIRTEENTH EDITION.
2. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992, GRADE 50 OR ASTM STEEL. STEEL FOR PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
3. FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" DIAMETER A325N HIGH STRENGTH BOLTS EXCEPT WHERE FIELD WELDING IS INDICATED ON THE DRAWINGS OR WHERE OTHERWISE REQUIRED TO SUPPORT DESIGN LOADS.
4. ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL BE E70XX.

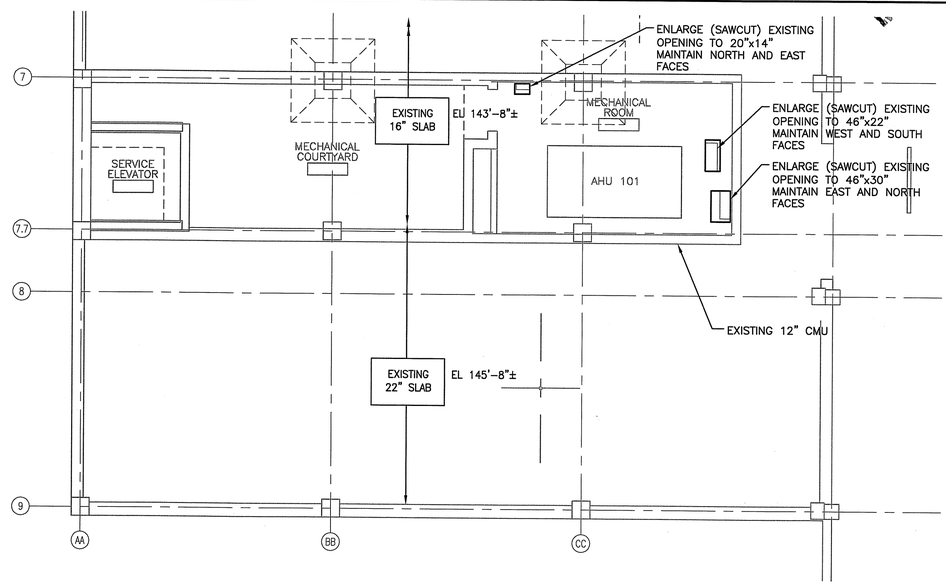
F5	GENERAL NOTES
NO SCALE	*



F9	STEEL PEDESTAL DETAIL
1 1/2"=1'-0"	*



A1	PART PLAN @ SLAB ON GRADE
1/8"=1'-0"	*



A9	PART PLAN @ MECHANICAL PENTHOUSE
1/8"=1'-0"	*

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ISSUED FOR CONSTRUCTION
9-20-13

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	9-20-13

GRAPHIC SCALE: 0" 1"

SCALE:	AS NOTED
PROJECT MANAGER:	DJV
JC/DRAWN BY:	SJF
A/E OF RECORD:	ADB
CAD FILE:	S-101-12118
PROJECT NO:	12118
DATE:	9-20-13

SHEET TITLE:
PART PLANS, DETAILS, AND NOTES

SHEET No.
S-101