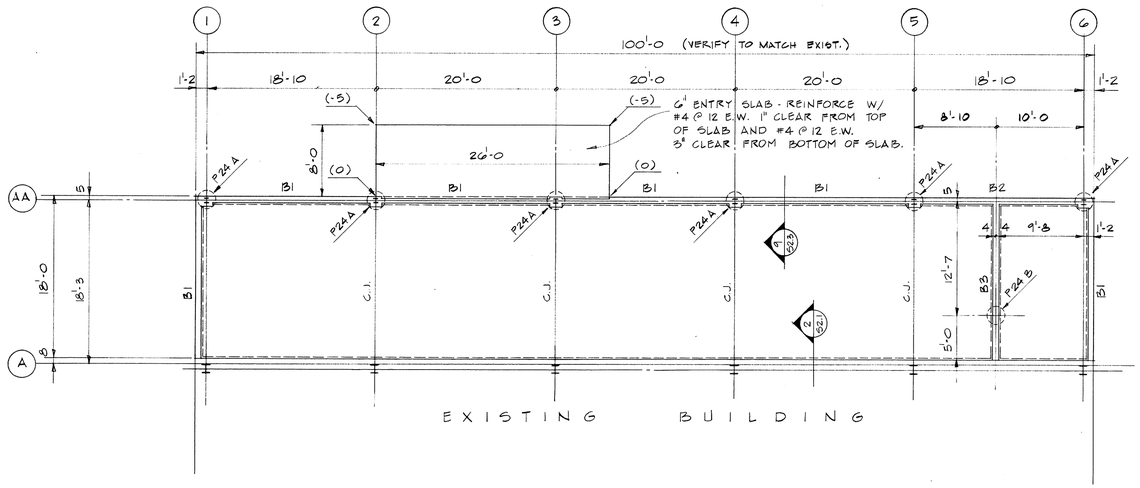


FOUNDATION PLAN

NORTH

3/8" = 1'-0

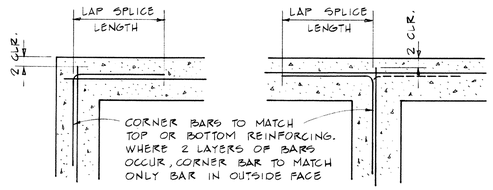
NOTES: 1. INSTALL 5" SLAB ON 4" DRAINAGE FILL IN NEW FLOOR AREAS.

2. FLOOR LEVEL AND TOP OF FLOOR SLAB TO MATCH EXISTING FLOOR LEVEL (ELEV. 0'-0).

3. ELEVATIONS OF TOP OF ENTRY SLAB INDICATED THUS: ⌐ WHICH INDICATES THE DIMENSION FROM ELEV. 0'-0.

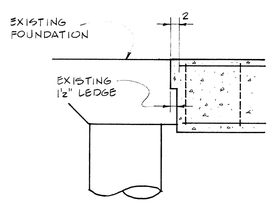
FOUNDATION BEAMS

3/4" = 1'-0



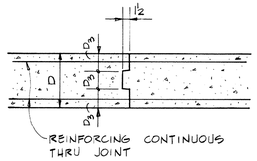
PLAN - BEAM CORNER

PLAN - BEAM INTERSECTION



BEAM SECTION @ EXISTING BUILDING

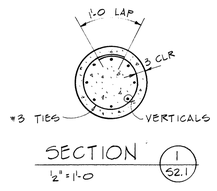
1/2" = 1'-0



FOUNDATION BEAM CONSTRUCTION JOINT

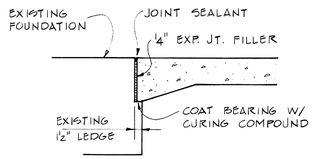
FOUNDATION BEAMS SHALL BE MADE @ MIDSPAN

LAP SPLICE SCHEDULE		
BAR SIZE	LAP LENGTH	
	BEAM TOP BARS	OTHER BARS
#4	2'-6	1'-8
#5	3'-0	2'-2
#6	3'-10	2'-10



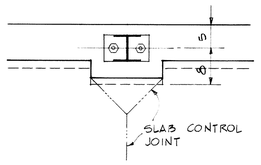
SECTION 1/52.1

1/2" = 1'-0

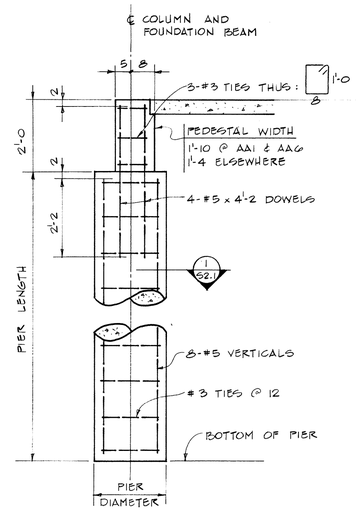


SECTION 2/52.1

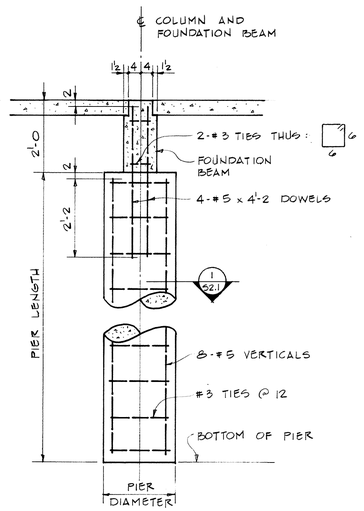
3/4" = 1'-0



PLAN @ TYP. COLUMN



TYPE A

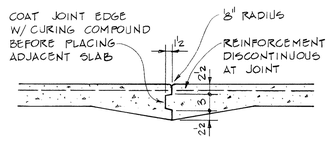


TYPE B

FOUNDATION PIER DETAILS

NOTES: 1. FOUNDATION PIERS ARE INDICATED ON PLAN THUS: P24A ← PIER TYPE, PIER DIA. IN INCHES

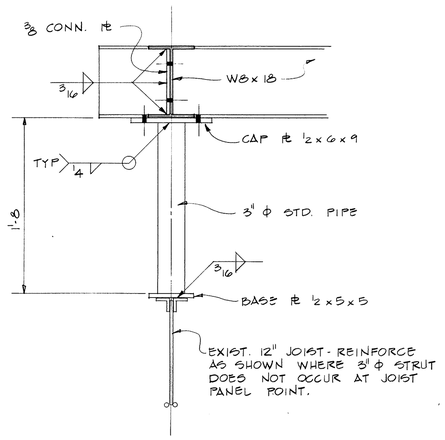
2. PLACE BOTTOMS OF PIERS 1'-0 MINIMUM INTO WEATHERED GRAY SHALE. REFER TO THE GEOTECHNICAL INVESTIGATION FOR LEVELS AT WHICH THIS MATERIAL WAS ENCOUNTERED IN TEST BORINGS. IN ANY CASE, MINIMUM PIER LENGTH = 5'-0.



ALLOW 48 HOURS TO ELAPSE AFTER PLACING CONCRETE ON ONE SIDE OF JOINT BEFORE BEGINNING PLACEMENT ON OTHER SIDE.

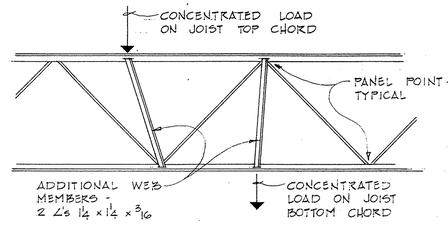
GRADE SLAB CONTROL JOINT

CONTROL JOINTS ARE NOTED C.J. ON PLAN



SECTION 3/52.1

1/2" = 1'-0



JOIST REINFORCEMENT DETAIL

NOTE: JOIST CHORDS ARE NOT DESIGNED FOR CONCENTRATED LOADS. WHERE CONCENTRATED LOADS OCCUR THAT EXCEED 50 POUNDS, EITHER PLACE THEM @ PANEL POINTS OR WELD AN ADDITIONAL WEB MEMBER FROM THE POINT OF LOAD TO THE NEAREST PANEL POINT ON THE OPPOSITE CHORD.

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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER 5,966 • 4459 STATON & HUDSON

CONTRACT NO. DAHA03-87-D-0011 / 9DOZ
PROJECT NO. HKRZ - 001274

ADAL ENGINE I & R SHOP
AIR NATIONAL GUARD TRAINING FACILITY
MUNICIPAL AIRPORT - FT. SMITH, ARKANSAS

FOUNDATION PLAN & DETAILS

Revisions

1370A Plan Number

11-2-88 Date

S2.1 Of

BRUNING 40-72 85201