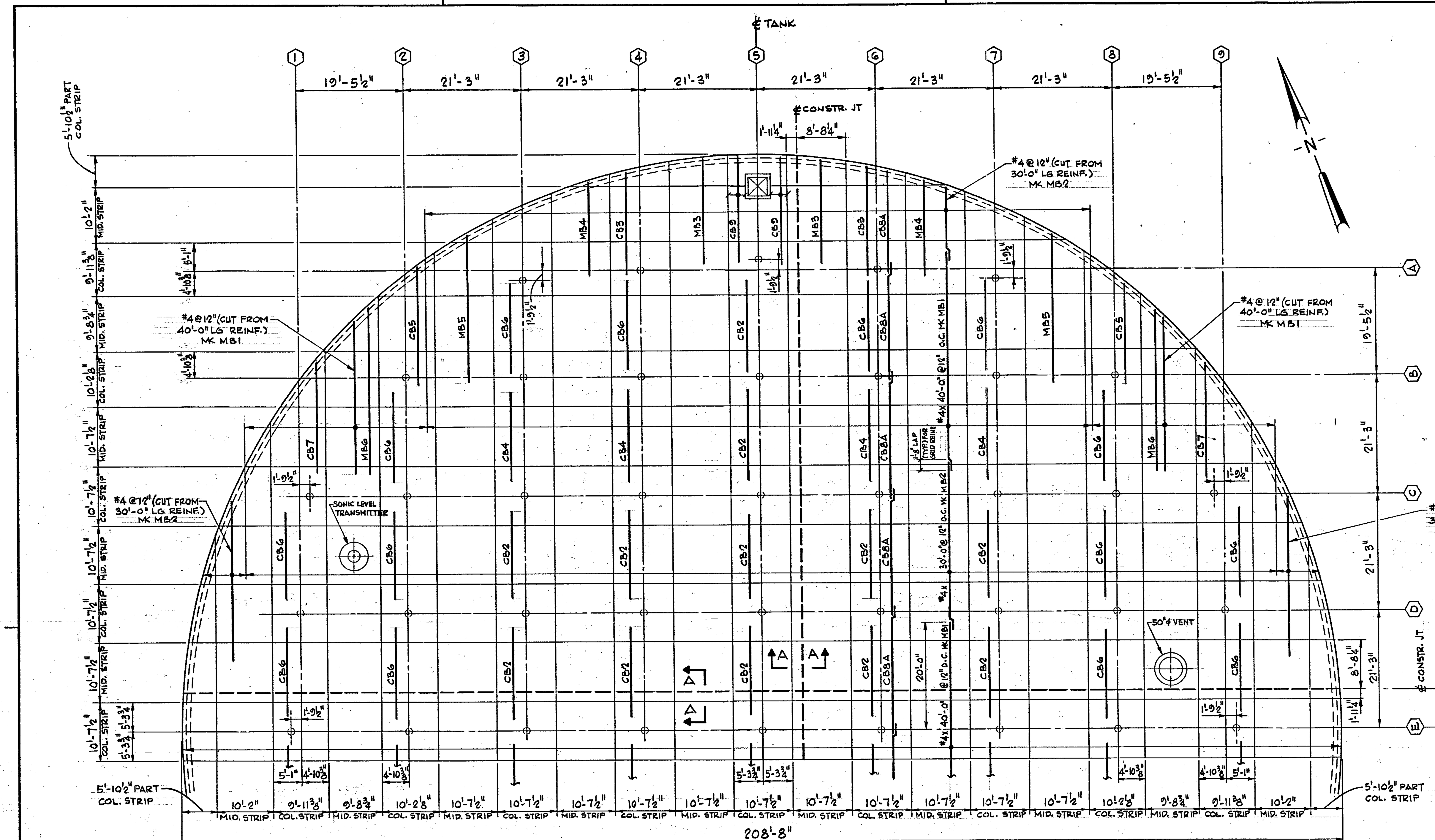
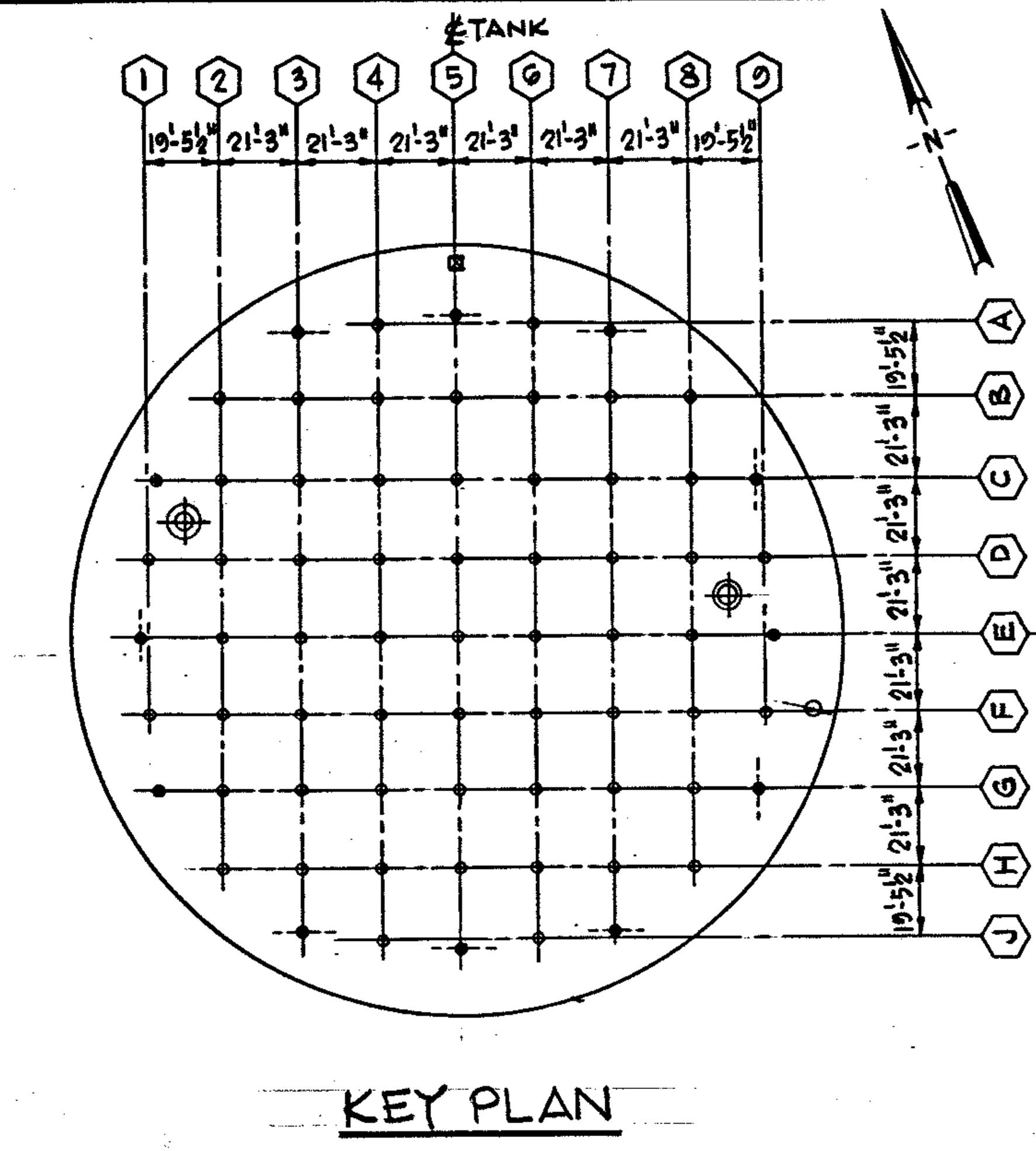


PART ROOF FRAMING PLAN



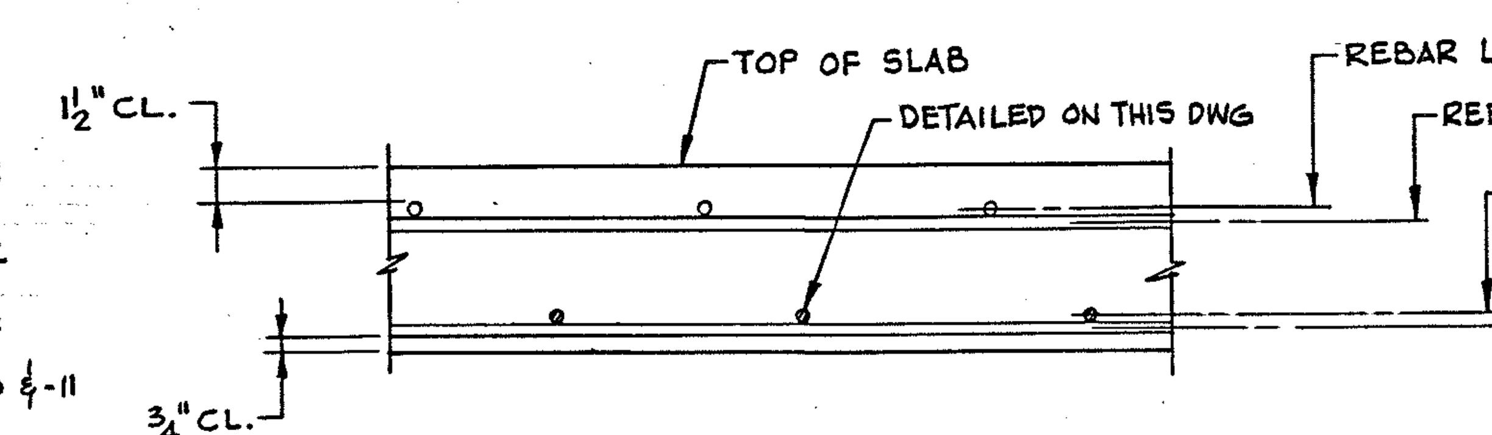
NOTE: COLUMNS A-3, A-5, A-7; C-1, C-9; E-1, E-9; G-1, G-9 & J3, J5 & J-7 ARE OFFSET FROM COLUMN ℄'S SHOWN ABOVE.

BUNDLE MK	REINF. PER BUNDLE NO.	SIZE	LENGTH	NO. OF BUNDLES	TOTAL NO. BARS	ORDER	BAR WEIGHT #5	#4	#3	LOCATION	SKETCH
MB1	533	#4	40'-0"	—	533	540		14429		CONTINUOUS GRID	
MB2	525	#4	30'-0"	—	525	535		10721		CONTINUOUS GRID	
MB3	2	#4	19'-11"	4	8	8		106		MID. STRIP 4-5 & 5-6 END BAYS	
MB4	3	#4	17'-9"	4	12	13		154		MID. STRIP 3-4 & 6-7 END BAYS	
* MB5	3	#4	30'-0"/22'-9"	4	12	13		229		MID. STRIP 2-3 & 7-8 END BAYS	
* MB6	3	#4	36'-0"/26'-6"	4	12	13		271		MID. STRIP 1-2 & 8-9 END BAYS	
CB1	9	#4	19'-11"	1	9	10		133		COLUMN LINE 5 AT J	
CB2	6	#4	16'-0"	24	144	150		1603		INTERIOR BAYS	
CB3	9	#4	19'-9"	4	36	38		502		LINE 4 & 6 END BAYS	
CB4	7	#4	16'-0"	8	56	60		641		LINE B-C & G-H INTERIOR BAYS	
* CB5	6	#4	22'-8"/15'-6"	4	24	27		346		LINE 2 & 8 END BAYS	
CB6	4	#4	16'-0"	28	112	120		1283		INTERIOR BAYS	
* CB7	8	#4	26'-3"/13'-6"	4	32	34		451		LINE 1 & 9 END BAYS	
CB8A	4	#4	22'-9"	10	40	42		638		MID. STRIP 5-6 ONLY	
CB9	6	#4	19'-11"	2	12	13		173		ON EACH SIDE OF HATCH	
TOTAL WEIGHT							—	31680	—		

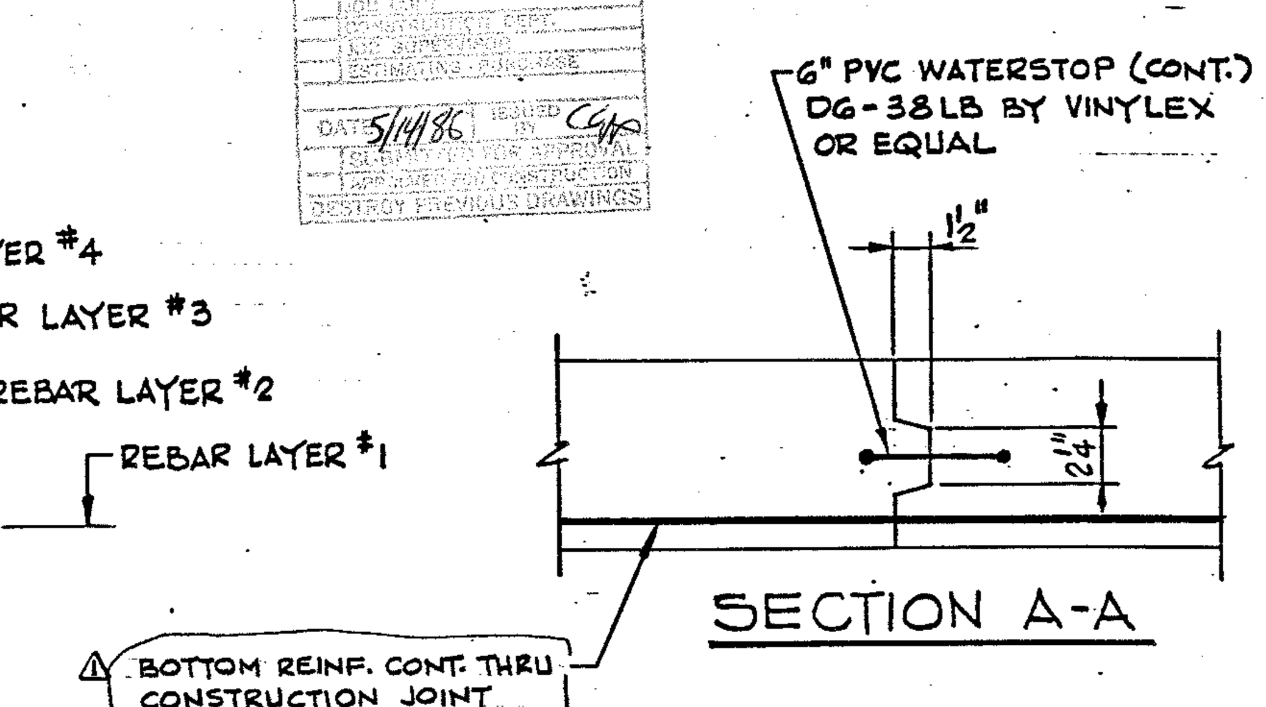
ROOF SLAB GRID SCHEDULE (LAYER NO.2)

NOTES:

1. REINFORCING STEEL TO CONFORM TO ASTM A615, GRADE 60.
2. FOR HATCH, VENT & SONIC LEVEL TRANSMITTER DETAILS & ADD'L REINF. SEE DWG TEX. 83-007-12
3. FOR INLET PIPE SEE DWG TEX. 83-007-6
4. FOR TYP. MIDDLE STRIP & COLUMN SECTIONS SEE DWG TEX. 83-007-12
5. REINFORCING BARS DETAILED ON THIS DWG ARE FOR LAYER #2 (SEE REBAR LAYOUT, THIS DWG)
6. FOR OTHER LAYERS SEE DWGS TEX. 83-007-8, -10 & -11
7. REINF. MARKED WITH SUFFIX "A" TO BE PLACED NEAR THE ℄ COLUMN.
8. BARS MARKED THUS * TO BE CUT IN EQUAL INCREMENTS AND BAR WEIGHTS LISTED ARE FOR AVERAGE LENGTHS.



REBAR LAYOUT



SECTION A-A

FORMWORK NOTES:

1. FORMWORK DESIGN AND RESHORING SHALL BE IN ACCORDANCE WITH ACI 347, LATEST EDITION.
2. FORMS TO REMAIN UNTIL SLAB REACHES DESIGN STRENGTH BUT NOT LESS THAN 7 DAYS UNLESS RESHORING IS USED.
3. SLAB BETWEEN CONSTRUCTION JOINT AND COLUMNS IS NOT DESIGNED FOR CANTILEVER ACTION. FORMWORK IN THIS AREA MUST REMAIN UNTIL ADJACENT SLAB IS CAST AND HAS ACHIEVED FULL STRENGTH.

REVISIONS

NO.	DATE	DESCRIPTION	BY	CKD
⚠1	5/13/86	REVISED SECTION A-A	EZ	RAO

PRELOAD

839 STEWART AVENUE, GARDEN CITY, NEW YORK, 11530

WORKING DRAWING

ONE 6.0 M.G. GROUND STORAGE RESERVOIR

ADDISON, TEXAS

ROOF SLAB REINFORCING

LAYER NO. 2

DRAWN: EZ	SCALE:	CONTRACT NUMBER: 86 PE 004
DESIGNED: RAO	APPROVED:	DRAWING NUMBER: TEX. 83-007-9
CHECKED: FD	DATE: 4/24/86	

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