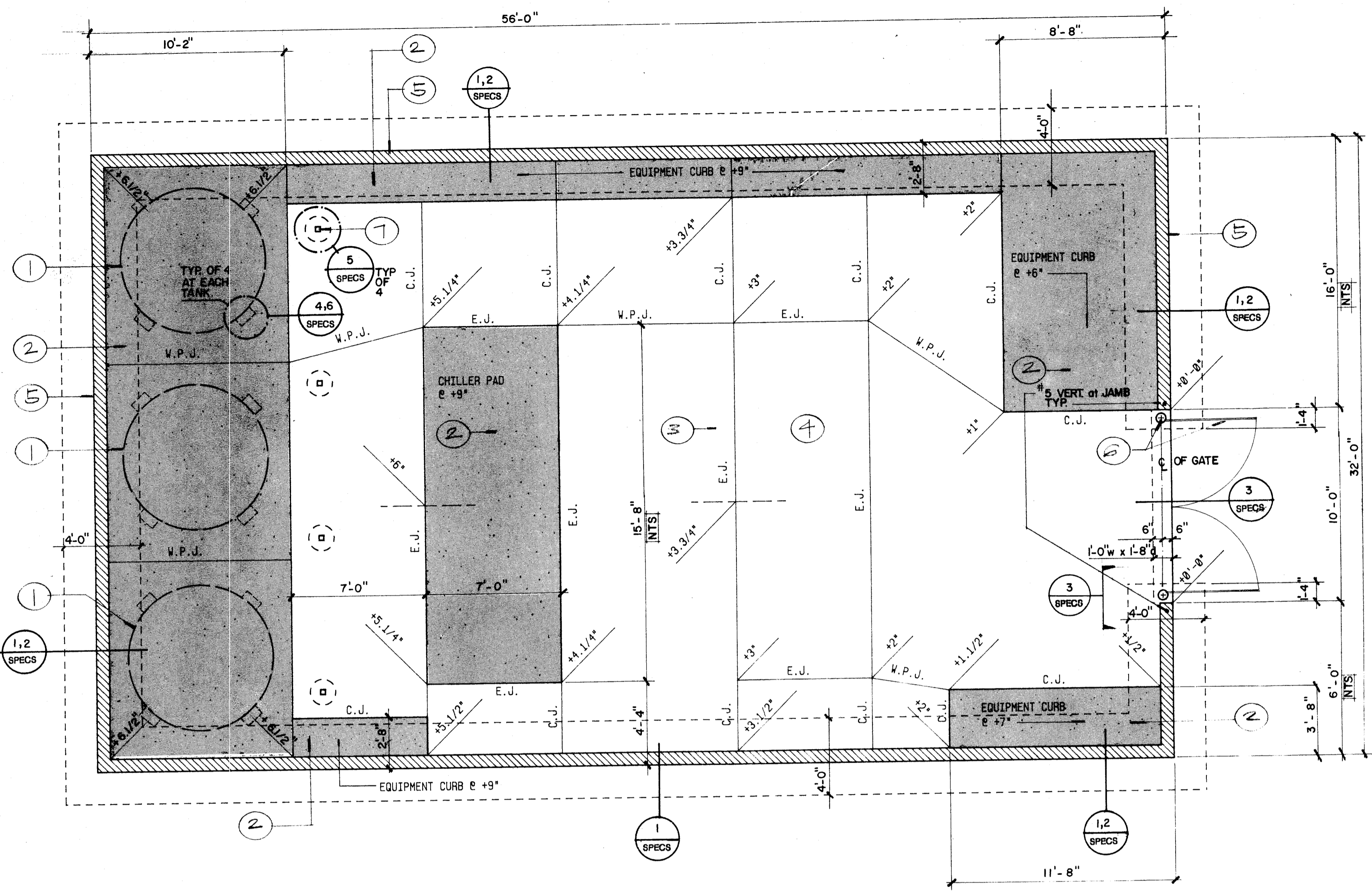


NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THIS SHEET SHALL BE DISREGARDED. COMPLETE PATCH AND REPAIR OF AREAS AND ADJACENT AREAS WHERE REMOVAL, DEMOLITION OR MODIFICATIONS ARE MADE ARE A PART OF THIS WORK. FIELD VERIFICATION FOR ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING, FABRICATION, INSTALLATION OR CONSTRUCTION IS A PART OF THIS WORK. NOTES ARE TYPICAL UNLESS OTHERWISE INDICATED.

- LEGEND
- |                   |  |
|-------------------|--|
| (N) = NEW;        | AS SHOWN, DETAILED, SCHEDULED, &/OR SPECIFIED. |
| (E) = EXISTING;   |  |
| (D) = DEMOLITION; |  |
- (N) ICE STORAGE TANK (SEE MECHANICAL DRAWINGS)
  - SHADED AREA INDICATES RAISED CONCRETE CURB.
  - (N) 8" CONCRETE SLAB W/ #3 @ 24" E.W. (CENTER) ON 2" SAND BED (MIN).
  - (N) FUTURE CHILLER SPACE.
  - (N) 8" CONCRETE BLOCK WALL. FILL ALL CELLS W/ GROUT.
  - (N) GATE POST W/GATE, TYP OF 2 (HEAVY DUTY CHAIN LINK W/ CENTER POST & HORN)
  - (N) PIPE SUPPORT.

MUNSEY SCHOOL MODERNIZATION  
BAKERSFIELD CITY SCHOOL DISTRICT  
BAKERSFIELD, CALIFORNIA



**GENERAL NOTES**

**DRAWINGS**  
TYPICAL DETAILS AND GENERAL NOTES SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE DRAWINGS. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER SIMILAR WORK. NO DEVIATIONS FROM THE DRAWINGS SHALL BE PERMITTED WITHOUT THE PERMISSION OF THE ARCHITECT.

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO MODIFY THE SCHOOL BUILDING(S) IN ACCORDANCE WITH TITLE 24, C.A.C. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.A.C., A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT IN ACCORDANCE WITH TITLE 24.

**EXISTING CONDITIONS**  
THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS THAT AFFECT THE WORK PRIOR TO COMMENCEMENT OF CONSTRUCTION AND FABRICATION. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.

**CONCRETE (INCLUDING SLABS ON GRADE)**  
MIN. ULTIMATE COMPRESSIVE STRENGTH (28 DAYS): 2500 PSI  
MAXIMUM SLUMP: 4 INCHES @ SLABS (5 IN. ELSEWHERE)  
MIN. CEMENT CONTENT: 5.5 BAGS PER CUBIC YARD  
TITLE 24 SECTION 2-2004 (C) METHOD 'B'

**CONCRETE BLOCK**  
SHALL BE GRADE N-1 OPEN-END UNITS MADE WITH LIGHT-WEIGHT AGGREGATES AND SHALL CONFORM TO ASTM C90. MINIMUM COMPRESSIVE STRENGTHS (28 DAYS):  
MORTAR ..... 1800 PSI  
GROUT ..... 2000 PSI

FILL ALL CELLS WITH GROUT USING LOW-LIFT PROCEDURE UNLESS NOTED OTHERWISE. NO SPLICES SHALL BE PERMITTED IN VERTICAL REINFORCING EXCEPT WHERE DETAILED ON THE DRAWINGS. BOLTS EMBEDDED IN MASONRY SHALL BE SOLIDLY EMBEDDED IN GROUT WITH 1 INCH MIN. GROUT SURROUNDING THE BOLT.

**REINFORCING STEEL**  
SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 FOR #5 AND LARGER AND GRADE 40 FOR #4 AND SMALLER.  
CONTINUOUS BAR SPLICES: CONCRETE ..... 30 BAR DIAMETERS  
CONCRETE BLOCK ..... 40 BAR DIAMETERS

**CONCRETE COVERAGE FOR REINFORCEMENT:**  
FOUNDATIONS/AGAINST EARTH ..... 3 INCHES CLEAR  
FOUNDATIONS/AGAINST FORMS ..... 2 INCHES CLEAR  
SLABS (ON GRADE) ..... REINFORCING AT SLAB CENTER

**STRUCTURAL STEEL**  
MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:  
SHAPES, PLATES, ETC ..... ASTM A36  
PIPE COLUMNS AND STRUTS ..... GRADE A, ASTM A33  
SQUARE AND RECTANGULAR TUBING ..... GRADE B, ASTM A500  
LIGHT GAGE STEEL ..... GRADE C, ASTM A611  
WELDING ELECTRODES ..... AWS E70XX  
MACHINE BOLTS ..... ASTM A307

FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE A.I.S.C. SPECIFICATION. WELDING SHALL BE DONE BY THE ELECTRIC SHIELDED ARC OR SUBMERGED ARC PROCESS. WELDERS SHALL BE CERTIFIED AND WORK DONE IN ACCORDANCE WITH THE STRUCTURAL WELDING CODE A.W.S. D1.1. SHOP DRAWINGS (6 SETS) SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT PRIOR TO FABRICATION. PAINTING: ALL STEEL, NOT EMBEDDED IN CONCRETE SHALL RECEIVE ON SHOP COAT OF RED OXIDE PRIMER, AFTER POWER TOOL CLEANING. SEE SPECIFICATIONS FOR SPECIAL REQUIREMENTS FOR EXPOSED (TO WEATHER) STEEL.

**SOIL TYPE** SILTY SAND & SAND  
**MAXIMUM DESIGN BEARING PRESSURE:**  
410 B + 650 D PPF @ DL+LL  
845 B + 1295 D PPF @ DL+LAT  
D = DEPTH BELOW LOWEST ADJACENT SUBGRADE  
B = WIDTH OF FOOTING.

THE BOTTOMS OF ALL FOOTINGS SHALL BE PLACED A MINIMUM OF 1'-0" BELOW FINISH FLOOR OR AS SHOWN ON THE DRAWINGS. FOOTINGS SHALL BE PLACED ONLY ON FIRM BEARING AND NOT ON LOOSE OR UNCOMPACTED FILL.

SEE PRELIMINARY GEOTECHNICAL INVESTIGATION DATED BY MOORE AND TADOK.  
**PROOF LOAD TESTS FOR EXPANSION TYPE ANCHOR BOLTS**

ALL CONCRETE ANCHOR BOLTS OF THE EXPANSION TYPE SHALL HAVE I.C.B.O. APPROVAL AND SHALL HAVE 80 PERCENT OF THE BOLTS (ALTERNATE BOLTS IN ANY GROUP ARRANGEMENT) PROOF TESTED IN TENSION TO TWICE THE ALLOWABLE TENSION LOAD. IF ANY FAILURES OCCUR THE IMMEDIATELY ADJACENT BOLTS MUST THEN ALSO BE TESTED.

MATERIAL	TYPE/TEST	BOLT DIAMETER			
		3/8"	1/2"	5/8"	3/4"
CONCRETE	DIRECT PULL, (NO R.M.A.L. WEIGHT)	1300	2000	2600	4300
	T O R Q U E WRENCH (FT.-LBS.)	25	50	110	150

**FOUNDATION/FLOOR PLAN - CHILLER ENCLOSURE**

1/4" = 1'-0"



- LEGEND**
- B.F. = BOTTOM OF FOOTING
  - C.J. = CONSTRUCTION / CONTROL JOINT
  - W.P.J. = WEAKENED PLANE JOINT
  - E.J. = EXPANSION JOINT
  - NTS = NOT TO SCALE

- NOTES**
- SEE SITE PLAN FOR DATUM SLAB ELEVATION.
  - CENTER FOOTINGS UNDER WALLS UNLESS SPECIFICALLY DIMENSIONED OTHERWISE.
  - COORDINATE LOCATION AND SIZE OF MECHANICAL AND ELECTRICAL EQUIPMENT.

FACE OF CURB REFERENCE TO MECHANICAL EQUIPMENT - COMPLETE BOUND LAYOUT  
BY MECHANICAL

APPROVED FOR SUBMITTAL  
DATE: FEB 2 1989

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