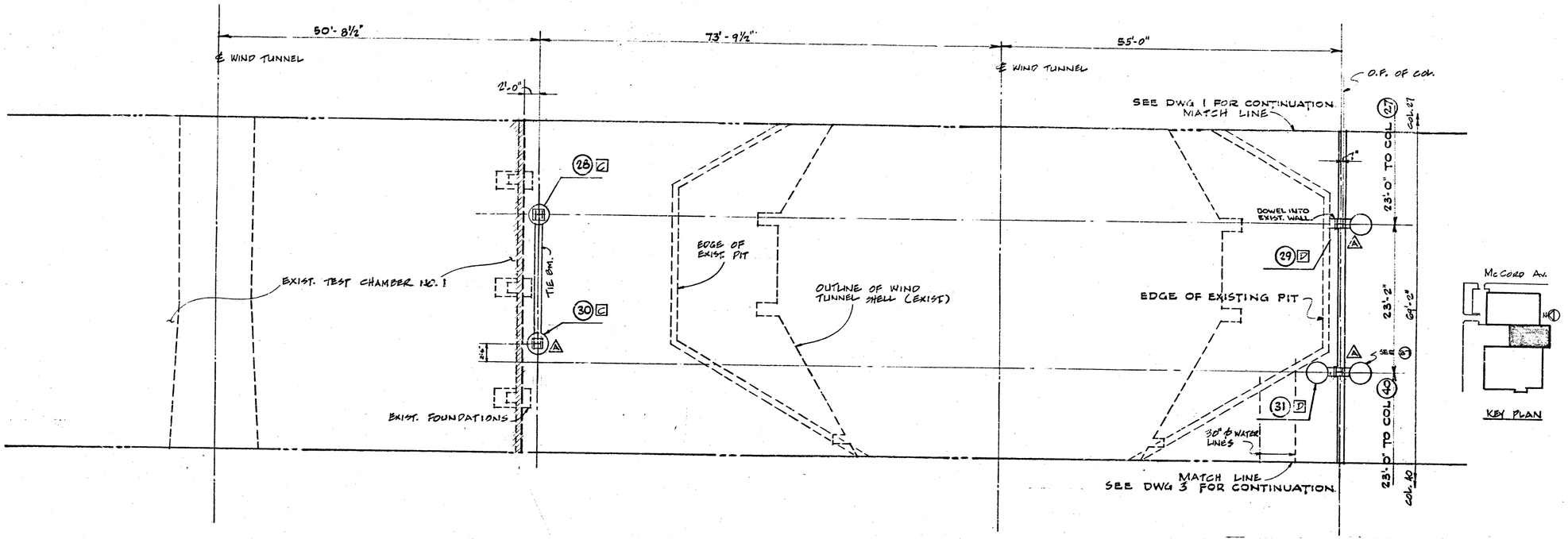
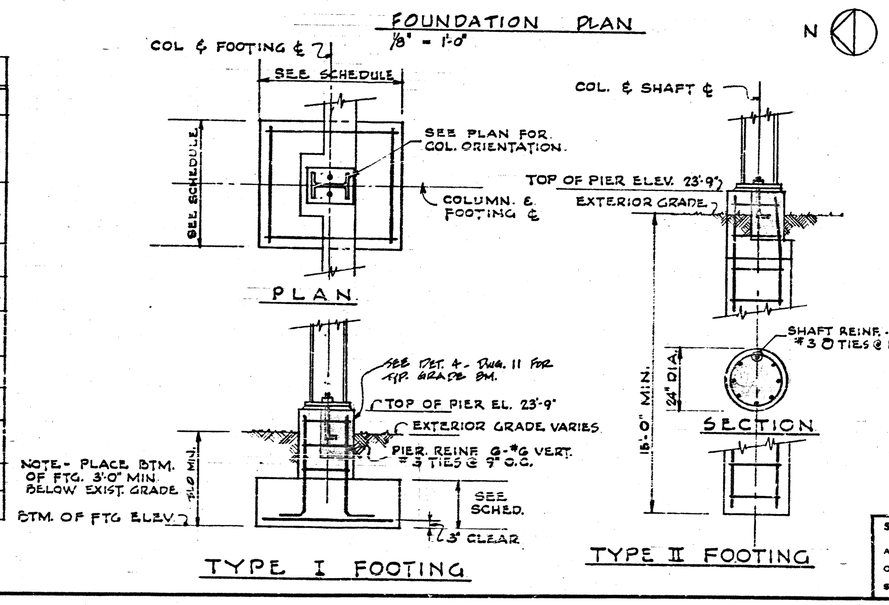


FOOTING SCHEDULE			
FOOTING MARK	TYPE	SIZE	REINF.
2, 4, 6, 8, 23, 32, 33, 34, 57, 58, 61,	I	3'-0"×3'-0"×1'-6" ℄ 3'-0×3'-0×2'-0" 3'-0"×6'-3"×2'-0"	4-#5 E.W.
11, 20, 39, 40, 41, 43, 48, 49, 54, 60, 63,	I	4'-0"×4'-0"×1'-6" ℄ 4'-0"×4'-0"×2'-0" 4'-0"×8'-0"×2'-0"	5-#5 E.W.
44, 50, 55	I	4'-0"×5'-0"×1'-6" 4'-0"×5'-0"×2'-0"	6-#5 E.W.
22		4'-0"×6'-0"×1'-6"	6-#5 E.W.
14, 18, 19, 46, 62, 16	I	5'-0"×5'-0"×1'-6" ℄ 5'-0"×5'-0"×3'-0"	6-#5 E.W.
3, 5, 7	I	5'-6"×5'-6"×2'-0"	6-#5 E.W.
45, 51, 53, 15	I	6'-0"×6'-0"×2'-0" ℄ 6'-0"×6'-0"×3'-0"	7-#5 E.W.
12, 35, 56, 24, 46, 25, 26, 29, 31, 37, 38, 36, 28, 30, 10, 17, 21, 42, 52	II	24"φ×15'-0"	SEE DET.
13	I	7'-0×7'-0×2'-0"	7-#5 E.W.
47	I	6'-6"×6'-6"×3'-0"	7-#5 E.W.



GENERAL NOTES

COORDINATION: All dimensions and arrangements of existing conditions have been transferred from contract drawings for these facilities from NACA files. Confirm all dimensions in the field before starting construction or fabrication of parts.

ELEVATIONS: Reference datum for all elevations: center line of wind tunnel elevation 43'-0".

FOUNDATIONS: Place bottom of all spread footings on undisturbed natural grade at a minimum depth of three feet below existing grade or at elevations shown. Place 2" of compacted sand in bottom of footing and grade beam excavations; thoroughly wet excavated area immediately before placing concrete.

Design bearing pressures:
Dead load only -- 1500 p.s.f.
Total load -- 2000 p.s.f.

CONCRETE:
1. All concrete to develop minimum compressive strength of 3000 psi at 28 days.
2. Reinforcing steel: ASTM A615, grade 40.
3. Provide minimum concrete cover over reinforcing as follows:
   a. Against earth forms -- 3"
   b. Against wood forms -- 1 1/2"
4. Bar bending details in accordance with "Manual of Standard Practice for Reinforced Concrete Structures," ACI-315, except as noted.
5. Lap all reinforcing at splices 24 bar diameters or 1'-3" minimum.

STRUCTURAL STEEL:
1. All structural steel ASTM A36.
2. All cold formed girts ASTM A441.
3. All connection bolts, except anchor bolts, to be ASTM A325 high strength bolts; bearing type connections. Use 7/8" o bolts, except where otherwise noted.
4. All welding to conform to AWS standards. Butt welds to be full penetration welds, unless noted.

LETTER	DATE	REVISION DESCRIPTION	DRAWN	APR
A	4-13-73	CHANGED FOUNDATION 29,30 & 31	D.D.	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
AMES RESEARCH CENTER
MOFFETT FIELD, CALIFORNIA

11 FT. TRANSONIC WIND TUNNEL ENCLOSURE
FOUNDATION PLAN CENTRAL

SKIDMORE, OWINGS & MERRILL
ARCHITECTS/ENGINEERS
ONE MARITIME PLAZA
SAN FRANCISCO

DRAWN	CHECKED	TRACED	MATERIAL	LIMITS UNLESS NOTED
DESIGN ENGINEER	BRANCH		5-3-1972	FRACT. DEC. ANG.
G.E.P.		JOBNO. DWG. NO.		REV.
APPROVED		SCALE	A227A-01-2	A

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227A72015-2
11' T.W.T. ENCLOSURE FOUNDATION PLAN CENTRAL