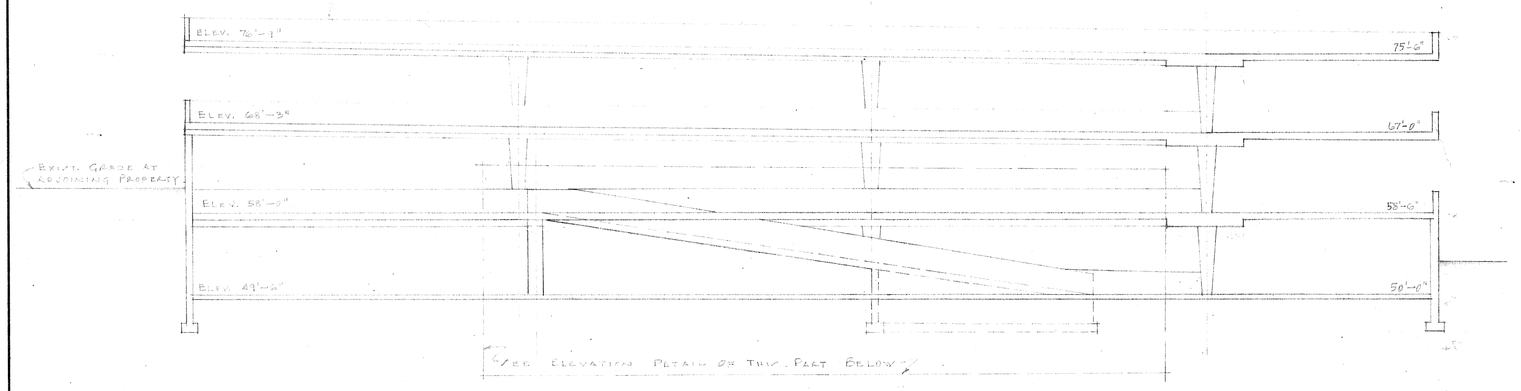
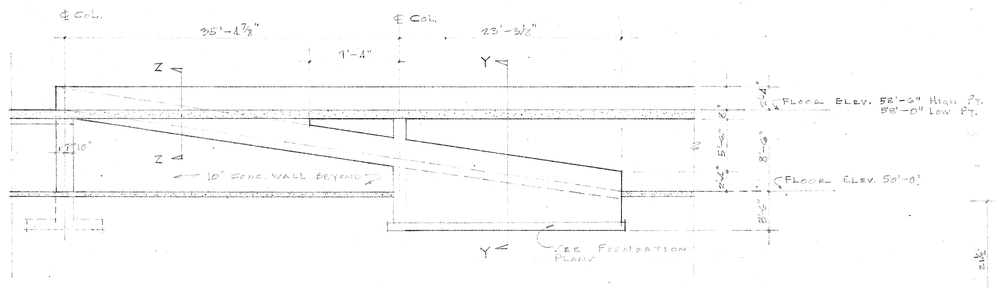
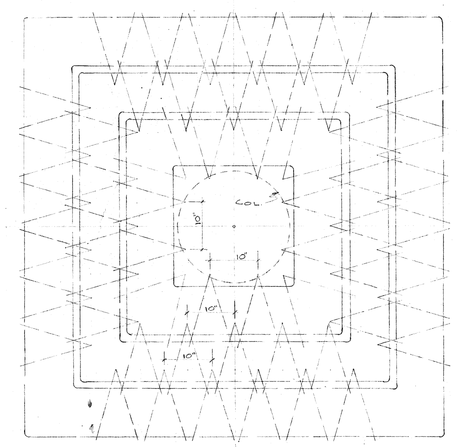
EXHIBIT G



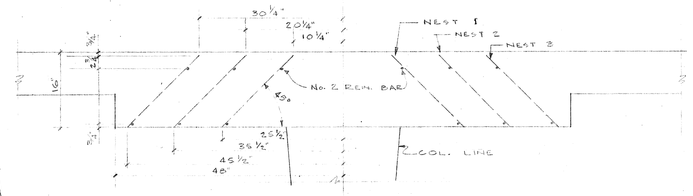
SECTION D-D



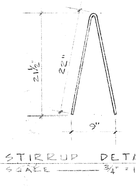
ELEVATION OF EXPRESS RAMP



SHEARHEAD PLAN



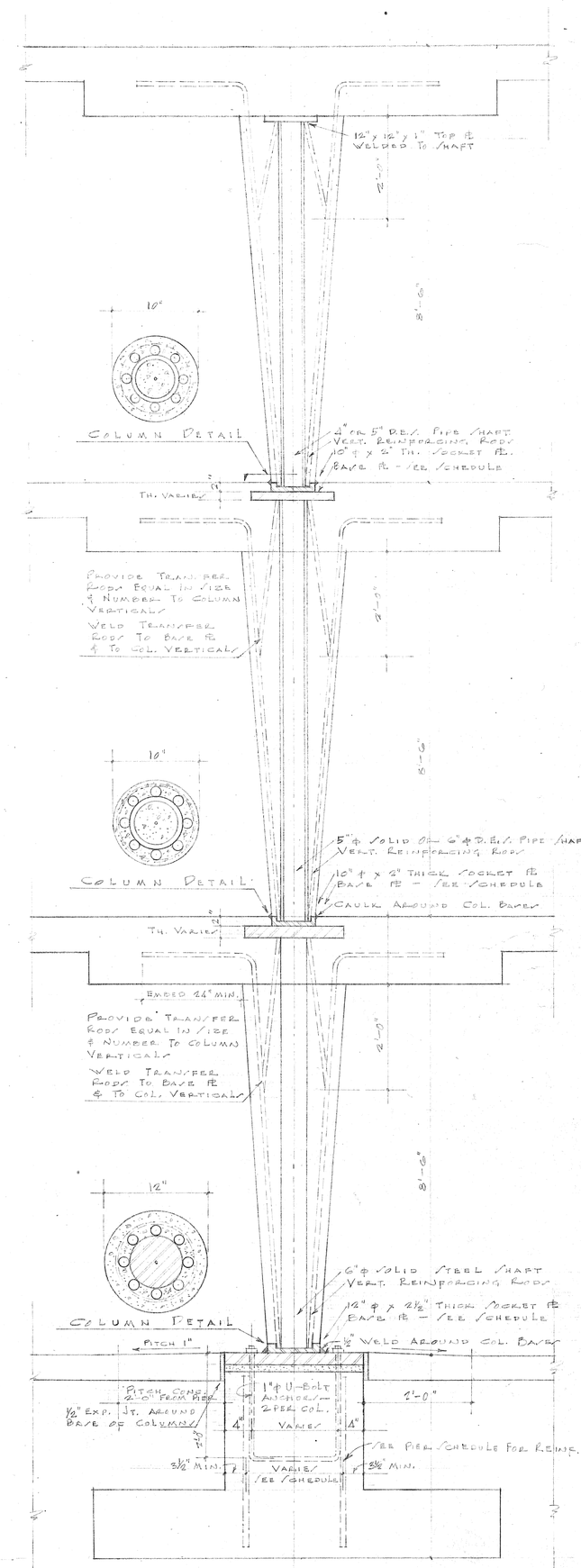
SHEARHEAD ELEV.
SCALE 3/4" = 1'-0"



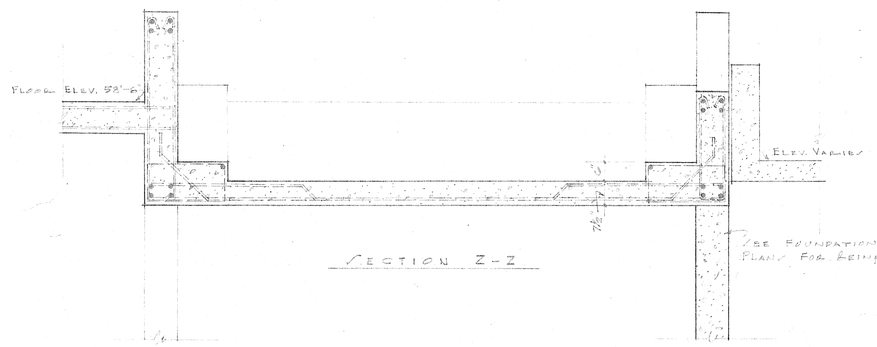
STIRRUP DETAIL
SCALE 3/4" = 1'-0"

SHEARHEAD TYPE	STIRRUP SIZE		
	NEST 1	NEST 2	NEST 3
A	12-No. 4 REIN.	20-No. 2 REIN.	24-No. 6 GA. WIRE
B	12-No. 2 REIN.	20-No. 3 REIN.	24-No. 1 GA. WIRE

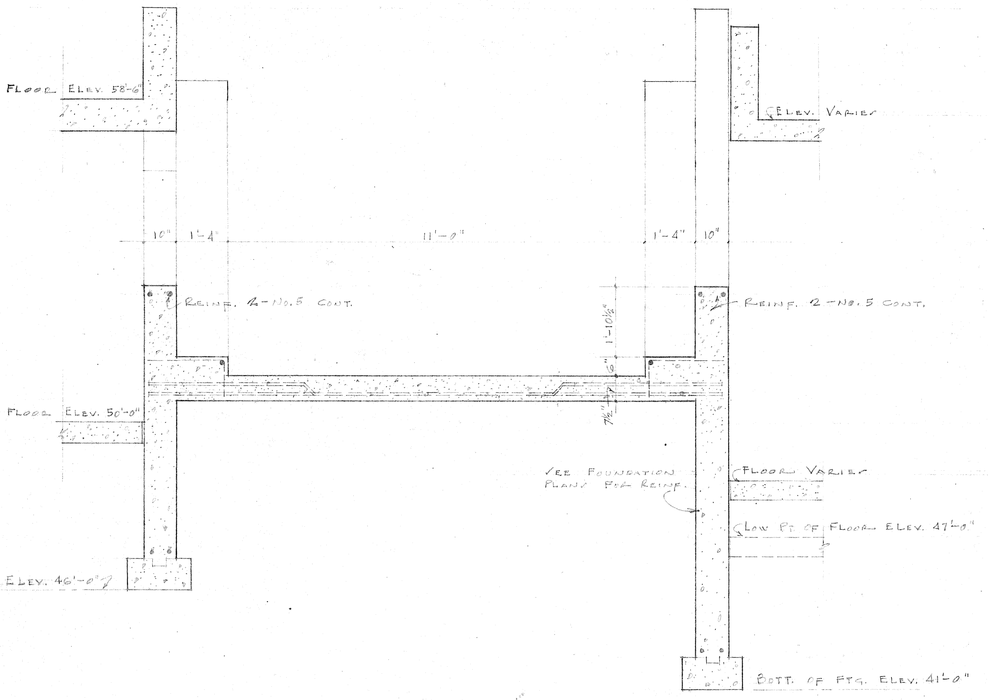
NOTE: SEE BEAM SCHEDULE FOR LOCATION



TYPICAL COLUMN DETAIL
SCALE 3/4" = 1'-0"

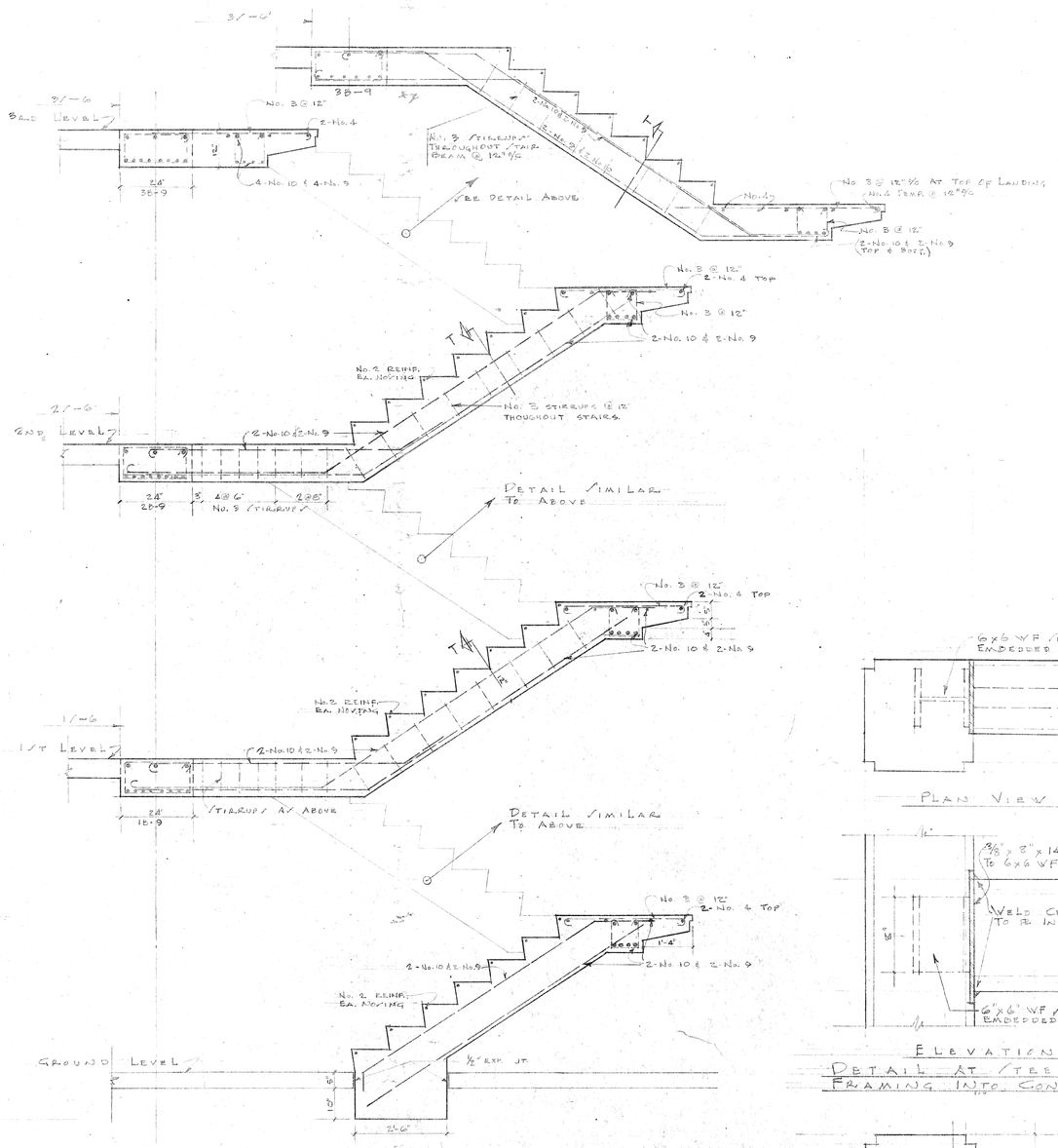


SECTION Z-Z

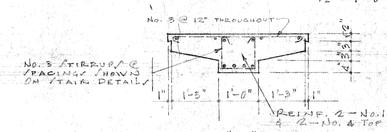


SECTION Y-Y

EXPRESS RAMP DETAILS
SCALE 1/2" = 1'-0"

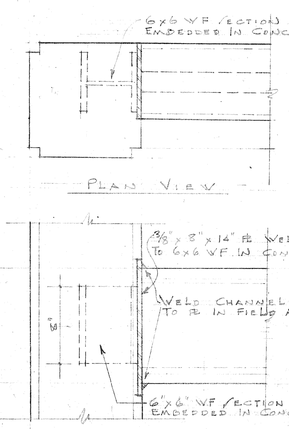


STAIR "A" & "B" DETAIL
SCALE 1/2" = 1'-0"

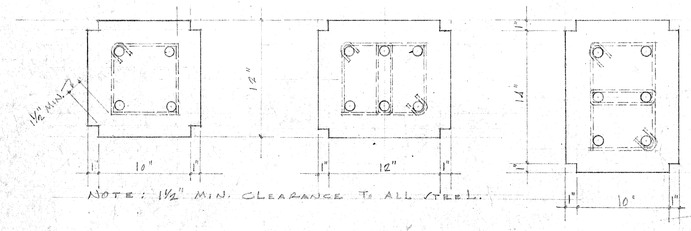


REINF. 2-No. 10 & 2-No. 9 BOTTOM & TOP & 2-No. 4 TOP EXCEPT AS SHOWN ABOVE.

SECTION "T" THRU STAIR



DETAIL AT STEEL BEAMS FRAMING INTO CONCRETE COL.



NOTE: 1 1/2" MIN. CLEARANCE TO ALL STEEL.

TYPICAL COLUMN DETAILS

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

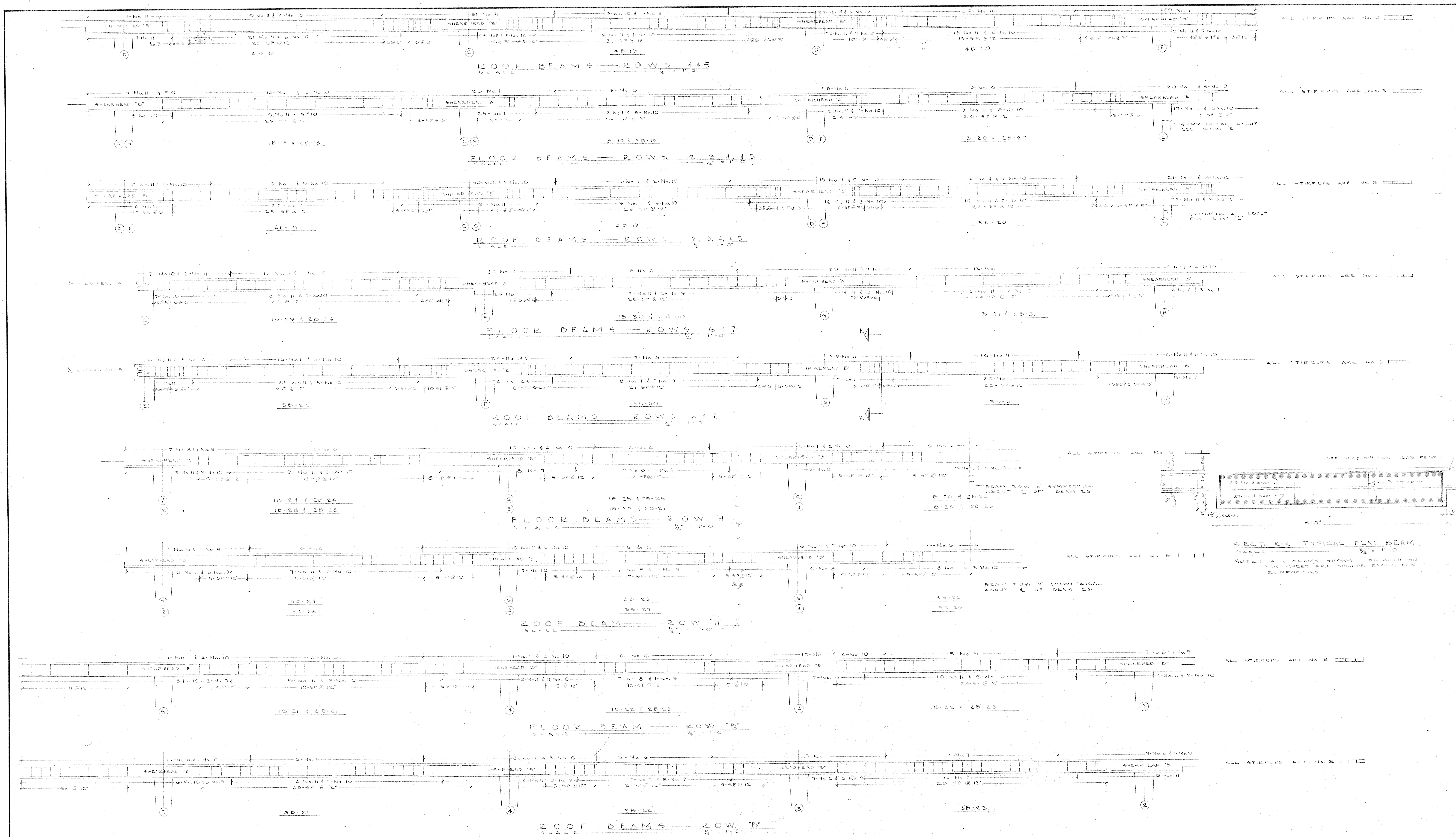
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN
TRACED
CHECKED
JOB 5715
DATE 4-23-57

JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

RAMP & STAIR SECTS & COL. DETAILS

S-5 OF 12



COLUMN SCHEDULE

MARK	B-2, B-3, B-4, B-5, H-2, H-3, H-4, H-5, H-6, H-7	C-2, C-3, C-4, C-5, G-2, G-3, G-4, G-5, G-7, F-7	D-2, D-3, F-2, F-3, F-4, F-5, D-4, E-2, E-3, D-5	G-6	J-2, J-3, J-4, J-5, J-6, J-7, A-2, A-3, A-4, A-5	A-1, J-1, J-8	H-1, H-8, B-1	E-4, E-5	E-6, E-7	F-6
SIZE ℄ UPPER No. 4	X	X	X	X	12"x12" TIED	12"x12" TIED	12"x12" TIED	24"φ TO 10"φ	X	X
CORE					—	—	—	4" D.E.S. PIPE		
VERTICAL STEEL					4-No. 6	4-No. 6	4-No. 6	8-No. 8		
SPIRALS OR TIES					No. 3 @ 10"	No. 3 @ 10"	No. 3 @ 10"	No. 3 @ 3"		
BASE PL.					—	—	—	19"x19"x1 3/4"		
SIZE ℄ UPPER No. 3	24"φ TO 10"φ	24"φ TO 10"φ	24"φ TO 10"φ	24"φ TO 10"φ	12"x12" TIED	12"x12" TIED	12"x12" TIED	24"φ TO 10"φ	24"x14" TIED	24"φ TO 10"φ
CORE	5" D.E.S. PIPE	5" D.E.S. PIPE	4" D.E.S. PIPE	4" D.E.S. PIPE	—	—	—	5"φ SOLID	—	4" D.E.S. PIPE
VERTICAL STEEL	8-No. 9	8-No. 6	8-No. 8	5-No. 8	4-No. 6	4-No. 6	4-No. 6	8-No. 8	8-No. 6	8-No. 8
SPIRALS OR TIES	No. 3 @ 3"	No. 3 @ 3"	No. 3 @ 3"	No. 3 @ 3"	No. 3 @ 10"	No. 3 @ 10"	No. 3 @ 10"	2-No. 3 @ 3"	2-No. 3 @ 10"	No. 3 @ 3"
BASE PL.	16"x16"x1 1/2"	19"x19"x1 3/4"	17"x17"x1 1/2"	17"x17"x1 1/2"	—	—	—	24"x24"x2 3/4"	—	17"x17"x1 1/2"
SIZE ℄ UPPER No. 2	24"φ TO 10"φ	24"φ TO 10"φ	24"φ TO 10"φ	24"φ TO 10"φ	12"x14" TIED	12"x12" TIED	12"x12" TIED	24"φ TO 10"φ	24"x16" TIED	24"φ TO 10"φ
CORE	5"φ SOLID	5"φ SOLID	5"φ SOLID	5"φ SOLID	—	—	—	6"φ SOLID	—	5"φ SOLID
VERTICAL STEEL	8-No. 9	8-No. 8	8-No. 8	8-No. 8	6-No. 8	4-No. 8	4-No. 8	8-No. 11	6-No. 9	8-No. 8
SPIRALS OR TIES	No. 3 @ 3"	No. 3 @ 3"	No. 3 @ 3"	No. 3 @ 3"	2-No. 3 @ 16"	No. 3 @ 10"	No. 3 @ 10"	No. 3 @ 2 1/2"	2-No. 3 @ 10"	No. 3 @ 3"
BASE PL.	20"x20"x2"	23"x23"x2 1/2"	24"x24"x2 3/4"	24"x24"x2 3/4"	—	—	—	28"x28"x3"	—	24"x24"x2 3/4"
SIZE ℄ UPPER No. 1	24"φ TO 12"φ	24"φ TO 12"φ	24"φ TO 12"φ	12" X 20"	12"x16" TIED	12"x12" TIED	12"x12" TIED	20"x20" SPIRAL	24"x30" TIED	24"x24" SPIRAL
CORE	6"φ SOLID	6"φ SOLID	6"φ SOLID	2-6"φ D.E.S. PIPE	—	—	—	—	—	—
VERTICAL STEEL	8-No. 10	8-No. 11	8-No. 9	8-No. 8	6-No. 9	4-No. 9	4-No. 9	8-No. 18S	10-No. 9	6-No. 10
SPIRALS OR TIES	No. 3 @ 2 1/2"	No. 3 @ 2 1/2"	No. 3 @ 2 1/2"	No. 3 @ 2 3/4"	2-No. 3 @ 12"	No. 3 @ 10"	No. 3 @ 10"	No. 4 @ 2"	2-No. 2 @ 12 1/2"	No. 4 @ 2" c/c
BASE PL.	24"x24"x2 3/4"	28"x28"x3"	28"x28"x3"	30"x22"x2 1/2"	—	—	—	—	—	—

NOTE: ALL COLS. ARE SPIRAL TYPE UNLESS OTHERWISE NOTED.

SLAB SCHEDULE

MARK	DEPTH	REINFORCING MAIN STEEL	REINFORCING TEMP. STEEL	REMARKS
1S-1	9"	No. 7 @ 7" BOT. No. 5 @ 7" TOP	No. 4 @ 14"	SEE SEC. H-H
1S-1A	10" TO 6"	No. 8 @ 6" TOP	No. 4 @ 14"	BEND No. 8 BARS UP INTO WALL - SEC. H-H. ALSO No. 5 @ 7" BOT. WHERE REST ON BEARING WALL
1S-1-B	5"	No. 5 @ 7"	No. 3 @ 16"	BEND UP ALT. BARS - SEE SEC. J-J
1S-2	7" AVE.	No. 5 @ 6"	No. 4 @ 14"	BEND UP ALT. BARS SEE SEC. G-G
1S-3	10"	ALT. No. 7 & 8 @ 6"	No. 4 @ 12"	SEE SEC. H-H.
1S-4	6"	No. 5 @ 5 1/2"	No. 3 @ 12"	BEND UP ALT. BARS.
1S-5	6 1/2"	No. 4 @ 6 1/2"	No. 3 @ 12"	SEE SEC. F-F.
1S-6	4"	No. 4 @ 6"	No. 3 @ 16"	BEND UP ALT. BARS.
1S-7	4"	No. 4 @ 6"	No. 3 @ 16"	BEND UP ALT. BARS.
1S-8	6"	No. 5 @ 5"	No. 3 @ 12"	BEND ALT. BARS UP.
1S-9	5" STAIR	No. 4 @ 6"	No. 4 @ 12"	SEE STAIR DETAIL.
2S-1	9"	No. 7 @ 7" BOT. No. 5 @ 7" TOP	No. 4 @ 14"	SEE SEC. H-H.
2S-1A	10" TO 6"	No. 8 @ 6" TOP	No. 4 @ 12"	BEND No. 8 BARS UP INTO WALL - SEC. H-H
2S-2	7" AVE.	No. 5 @ 6"	No. 4 @ 14"	BEND UP ALT. BARS - SEE SEC. G-G.
2S-6	4"	No. 4 @ 6"	No. 3 @ 16"	BEND UP ALT. BARS.
2S-7	4"	No. 4 @ 6"	No. 3 @ 16"	BEND UP ALT. BARS.
2S-8	6"	No. 5 @ 5"	No. 3 @ 12"	BEND UP ALT. BARS.
3S-1	9"	No. 7 @ 7" BOT. No. 5 @ 7" TOP	No. 4 @ 14"	SEE SEC. H-H.
3S-1A	10" TO 6"	No. 8 @ 6" TOP	No. 4 @ 12"	BEND No. 8 BARS UP INTO WALL - SEC. H-H.
3S-2	8" AVE.	No. 6 @ 5 1/2"	No. 4 @ 14"	BEND UP ALT. BARS - SEC. G-G.
3S-3	10"	No. 7 @ 6 1/2" BOT. No. 5 @ 7" TOP	No. 4 @ 12"	SEE SEC. H-H
3S-4	12" TO 6"	ALT. No. 7 & 8 @ 6" TOP	No. 5 @ 15"	BEND No. 8 BARS INTO WALL - SEC. H-H.
3S-6	4"	No. 4 @ 6"	No. 3 @ 16"	BEND UP ALT. BARS.
3S-7	4"	No. 4 @ 6"	No. 3 @ 16"	BEND UP ALT. BARS.
3S-8	6"	No. 5 @ 5"	No. 3 @ 12"	BEND UP ALT. BARS.
4S-1	10"	No. 7 @ 6 1/2" BOT. No. 5 @ 7" TOP	No. 4 @ 12"	SEE SEC. H-H
4S-1A	12" TO 6"	ALT. No. 7 & 8 @ 6" TOP	No. 5 @ 15"	BEND UP ALT. BARS - SEE SEC. G-G.
1S-10	5" STAIR	No. 4 @ 4"	No. 3 @ 13"	SEE STAIR DETAIL.

NOTE: SLABS NOT REQ'D: 2S-1B, 2S-3, 2S-4, 2S-5, 2S-9, 3S-1B, 3S-5, 3S-9

BEAM SCHEDULE

MARK	SIZE W	SIZE D	BOTTOM No.	BOTTOM SIZE	TOP No.	TOP SIZE	STIRRUPS No.	STIRRUPS SIZE	STIRRUPS SPACING EA. END	REMARKS
1B-1	10	36	2	No. 7	2	No. 7	—	—	SEE SEC. G-G	BRING TOP STEEL OVER SUPPORT FROM 1B-2
1B-2	10	36	4	No. 8	2 / 2	No. 9 / No. 10	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 1B-1.
1B-3	10	36	2 / 2	No. 9 / No. 8	4	No. 10	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 1B-2.
1B-4	10	36	4	No. 8	4	No. 10	—	—	SEE SEC. G-G	
2B-1	10	36	2	No. 7	2	No. 7	—	—	SEE SEC. G-G	BRING TOP STEEL OVER COL. FROM 2B-2
2B-2	10	36	4	No. 8	2 / 2	No. 9 / No. 10	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 2B-1.
2B-3	10	36	2 / 2	No. 9 / No. 8	4	No. 10	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 2B-2
2B-4	10	36	4	No. 8	4	No. 10	—	—	SEE SEC. G-G	
2B-5	10	36	2 / 2	No. 6 / No. 4	4	No. 6	—	—	SEE SEC. G-G	BRING TOP STEEL OVER COL. FROM 2B-6
2B-6	10	36	4	No. 9	4	No. 10	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 2B-5 & 2B-7
2B-7	10	36	4	No. 7	2 / 2	No. 9 / No. 10	—	—	SEE SEC. G-G	BRING TOP STEEL OVER COL. FROM 2B-6.
3B-1	10	36	1 / 1	No. 7 / No. 8	1 / 1	No. 7 / No. 8	—	—	SEE SEC. G-G	BRING TOP STEEL OVER COL. FROM 3B-2
3B-2	10	36	2 / 2	No. 9 / No. 8	2 / 2	No. 11 / No. 10	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 3B-1
3B-3	10	36	4	No. 10	2 / 2	No. 14S / No. 11	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 3B-2 & 3B-4
3B-4	10	36	2 / 2	No. 10 / No. 9	2 / 2	No. 11 / No. 10	—	—	SEE SEC. G-G	BRING TOP STEEL OVER FROM 3B-3
3B-5	10	36	2	No. 8	2	No. 9	—	—	SEE SEC. G-G	BRING TOP STEEL OVER COL. FROM 3B-6
3B-6	10	36	2 / 2	No. 10 / No. 9	4	No. 11	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 3B-5 & 3B-7
3B-7	10	36	2 / 2	No. 8 / No. 7	2 / 2	No. 11 / No. 10	—	—	SEE SEC. G-G	BRING TOP STEEL OVER COL. FROM 3B-6
2B-33	10	36	4	No. 10	4	No. 11	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 2B-7.
3B-33	10	36	4	No. 11	2 / 2	No. 14S / No. 11	—	—	SEE SEC. G-G	EXTEND TOP STEEL OVER COL. TO 3B-7
1B-14	96	16	24	No. 14S	25	No. 14S		No. 3	4 @ 3", 4 @ 6", 12 @ 12"	USE 1/2 OF SHEARHEAD "B" OVER EA. COL.

NOTE: - SEE ARCH. DETAIL FOR SPECIAL FORMS ON EXTERIOR SPANDRELS.
- BUTT WELD ALL TOP STEEL IN EXTERIOR SPANDREL BEAMS OVER No. 6.

MARK	SIZE W	SIZE D	STRAIGHT No.	STRAIGHT SIZE	TRUSS OR TOP BARS No.	TRUSS OR TOP BARS SIZE	STIRRUPS No.	STIRRUPS SIZE	STIRRUPS SPACING EA. END	REMARKS
1B-8	12	16	1	No. 5	2	No. 7				
1B-9	24	12	8	No. 6	3	No. 5		No. 3	@ 3" FULL LENGTH	TOP BARS — NO TRUSS
1B-10	12	16	1	No. 10	2	No. 11				TEE - BEAM.
1B-11	—	—	—	—	—	—	—	—	—	2-10 ⊏ 15.3 & 2-8"x1" PL.
1B-12	—	—	—	—	—	—	—	—	—	2-12 ⊏ 20.7
1B-13	8	12	1	No. 7	2	No. 7				12 ⊏ 20.7 FACE ON STAIR SIDE - STRAP ANCHORS @ 12".
1B-14										SEE OTHER BEAM SCHED.
1B-15	24"	6	1	No. 5	2	No. 5				
1B-16	12	16	2	No. 5	2	No. 5				
1B-17	12	16	1	No. 9	2	No. 10				
1B-32										OMIT
2B-8	12	16	1	No. 5	2	No. 7				
2B-9	24	12	8	No. 6	3	No. 5		No. 3	@ 3" FULL LENGTH	TOP BARS - NO TRUSS
2B-10	12	16	1	No. 10	2	No. 11				
2B-11	—	—	—	—	—	—	—	—	—	2-10 ⊏ 15.3 & 2-8"x1" PL.
2B-12	—	—	—	—	—	—	—	—	—	2-12 ⊏ 20.7
2B-13	8	12	1	No. 7	2	No. 7				12 ⊏ 20.7 FACE ON STAIR SIDE. - STRAP ANCHORS @ 12"
2B-16	12	16	2	No. 5	2	No. 5				
2B-17	12	16	1	No. 9	2	No. 10				
2B-32	8	36	2	No. 6	2	No. 9				
3B-8	12	16	1	No. 5	2	No. 7				
3B-9	24	12	8	No. 6	3	No. 5		No. 3	@ 3" FULL LENGTH.	TOP BARS - NO TRUSS.
3B-10	12	16	1	No. 10	2	No. 11				
3B-11	—	—	—	—	—	—	—	—	—	2-10 ⊏ 15.3 & 2-8"x1" PL.
3B-12	—	—	—	—	—	—	—	—	—	2-12 ⊏ 20.7
3B-13	8	12	1	No. 7	2	No. 7				12 ⊏ 20.7 FACE ON STAIR SIDE. STRAP ANCHORS @ 12"
3B-16	12	16	2	No. 7	2	No. 7				
3B-17	12	16	2	No. 9	2	No. 10				
3B-32	8	36	2	No. 8	2	No. 10				
RB-8	—	—	—	—	—	—	—	—	—	2-10 ⊏ 15.3 & 2-8"x1" PL & 1-4"x4"x3/8" L
RB-10	—	—	—	—	—	—	—	—	—	2-12 ⊏ 20.7 & 4"x4"x3/8" L.
RB-11	—	—	—	—	—	—	—	—	—	2-12 ⊏ 20.7 & 4"x4"x3/8" L
RB-12	—	—	—	—	—	—	—	—	—	2-10 ⊏ 15.3 & 2-8"x1" PL. 1-4"x4"x3/8" L
2B-15	24	6	1	No. 5	2	No. 5				BEND BARS UP INTO WALL
3B-15	24	6	1	No. 5	2	No. 5				BEND BARS UP INTO WALL.

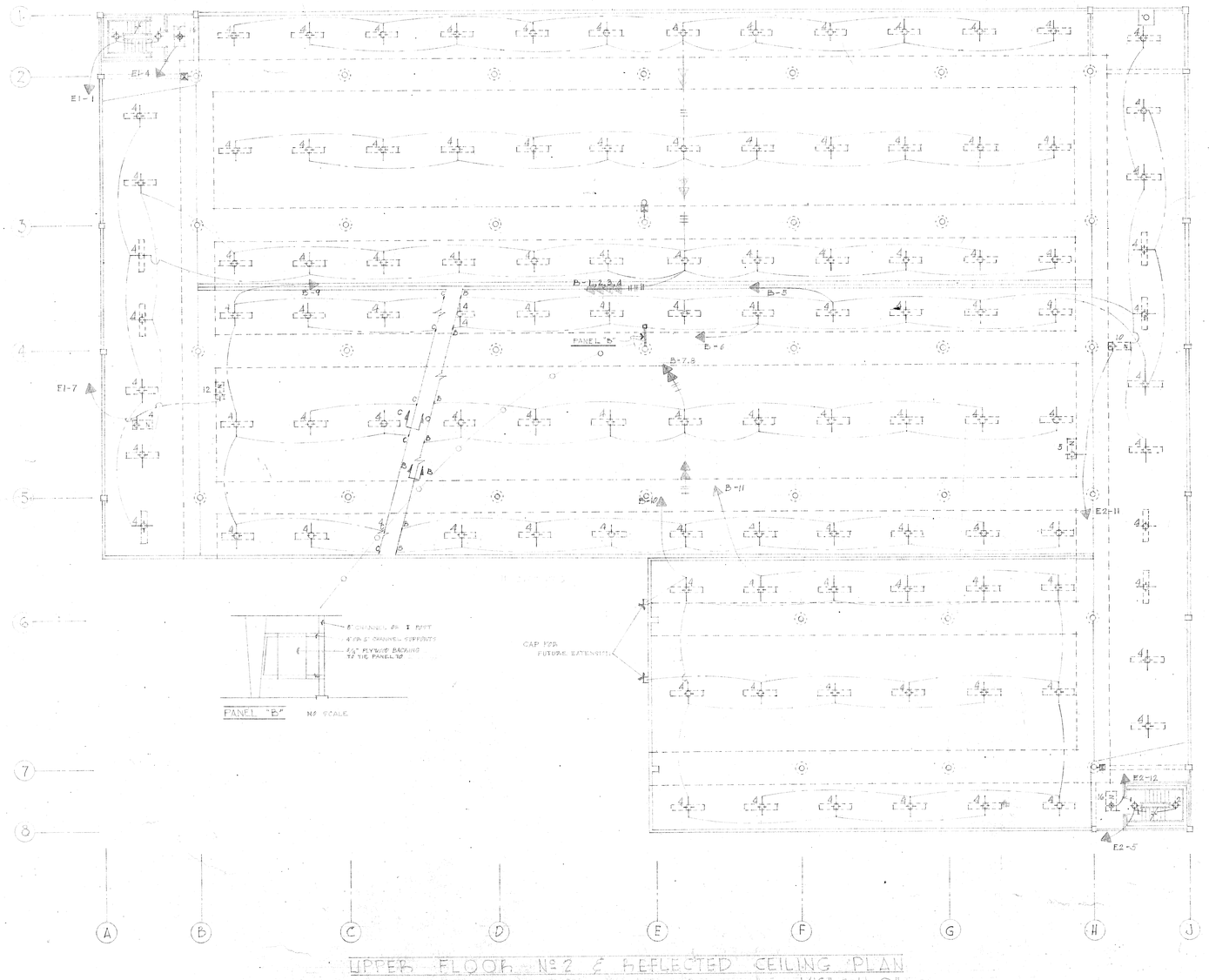
NOTE: BEAMS NOT REQ'D: 1B-5, 1B-6, 1B-7, 2B-14, 3B-14

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

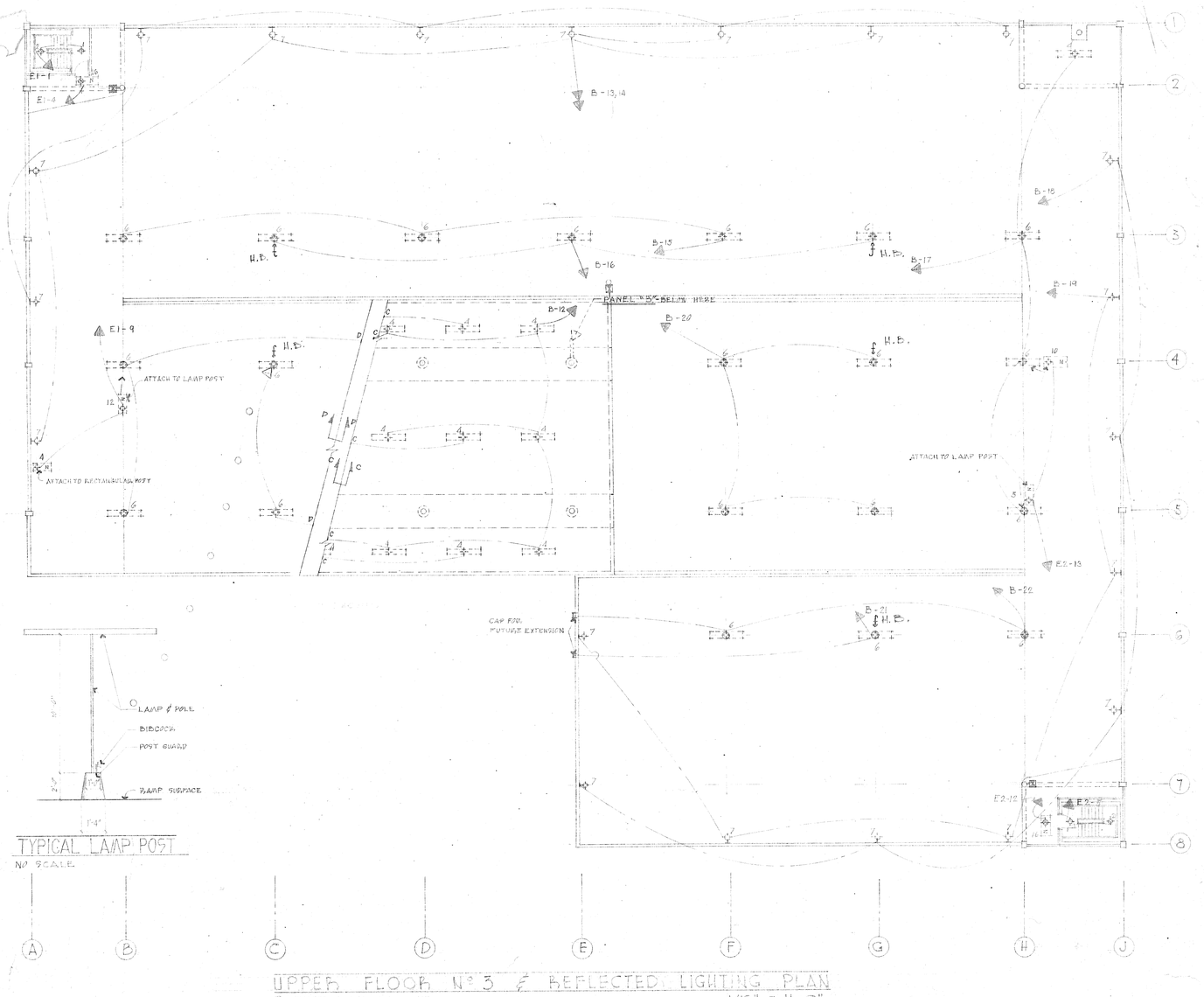
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

DRAWN
TRACED
CHECKED
JOB 5715
DATE 4-23-57
SLAB, BEAM, & COL. SCHEDULE
S-6 OF 15



UPPER FLOOR Nº 2 & REFLECTED CEILING PLAN
SCALE: 1/16" = 1'-0"

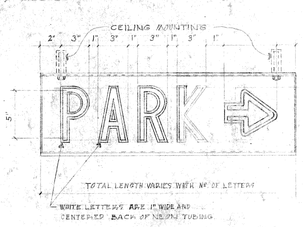


UPPER FLOOR Nº 3 & REFLECTED LIGHTING PLAN
SCALE: 1/16" = 1'-0"

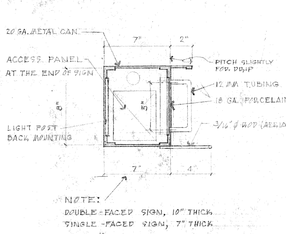
NEON SIGN FIXTURE SCHEDULE

[illegible] - SYMBOLS ON PLAN
[illegible] - FUTURE ARROW

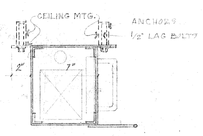
FIXTURE Nº	SIGN	COLOR
1	OUT (REER SIGN 1/2 SAME LENGTH)	RED
2	IN	GREEN
3	PARK	GREEN
4	PARK	GREEN
5	PARK	GREEN
6	PARK	GREEN
7	PARK	GREEN
8	RESERVED	1-SINGLE FACE GREEN, 1-DOUBLE FACE GREEN
9	PARK-OUT	PARK - GREEN, OUT - RED
10	OUT	DOUBLE FACE RED
11	OUT	RED
12	OUT	RED
13	OUT	RED
14	EXPRESS	RED
15	SLOW	YELLOW
16	EXIT	RED



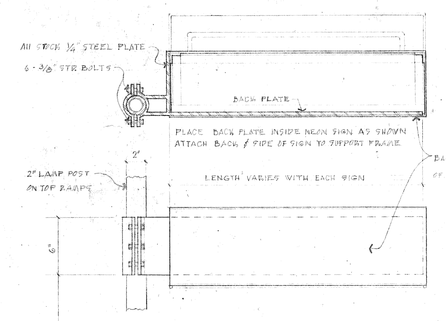
TYPICAL NEON SIGN
SCALE:



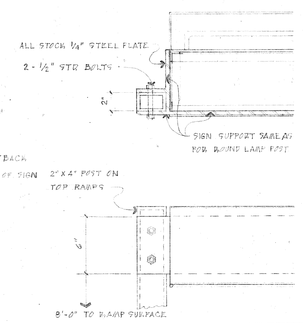
SECTION THRU SIGN



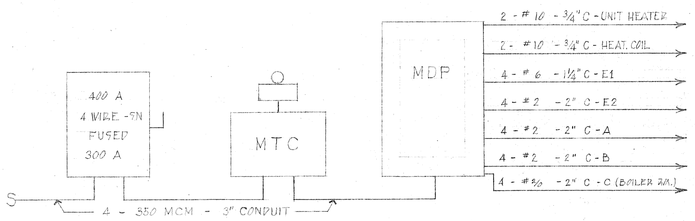
CEILING MOUNTING
1 1/2" = 1'-0"



LAMP POST SIGN SUPPORT
SCALE:



RECTANGULAR POST ATTACHMENT
1 1/2" = 1'-0"



ELECTRICAL RISER DIAGRAM

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

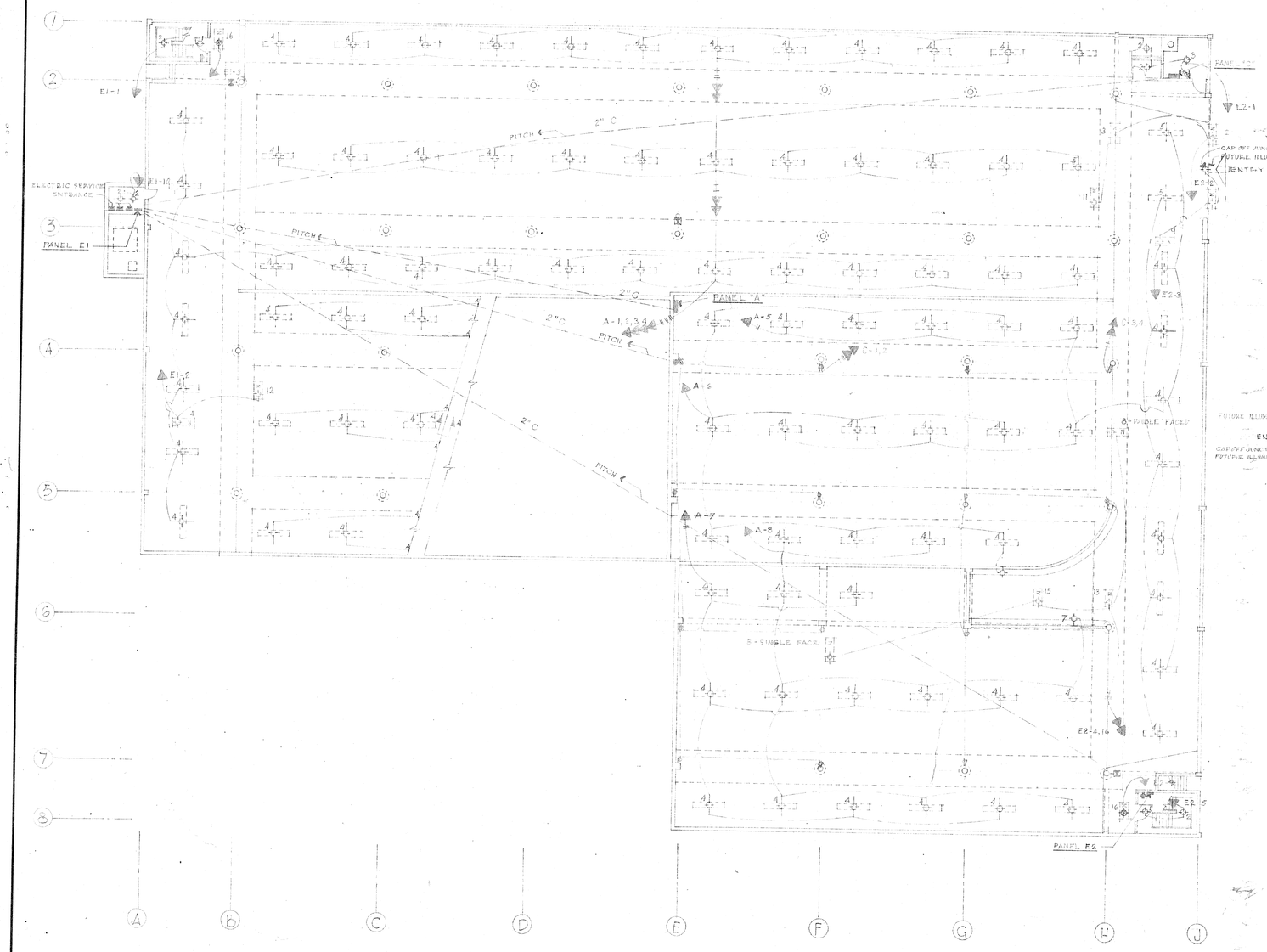
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN: [illegible]
TRACED: [illegible]
CHECKED:
JOB: 5715
DATE: 4-25-57

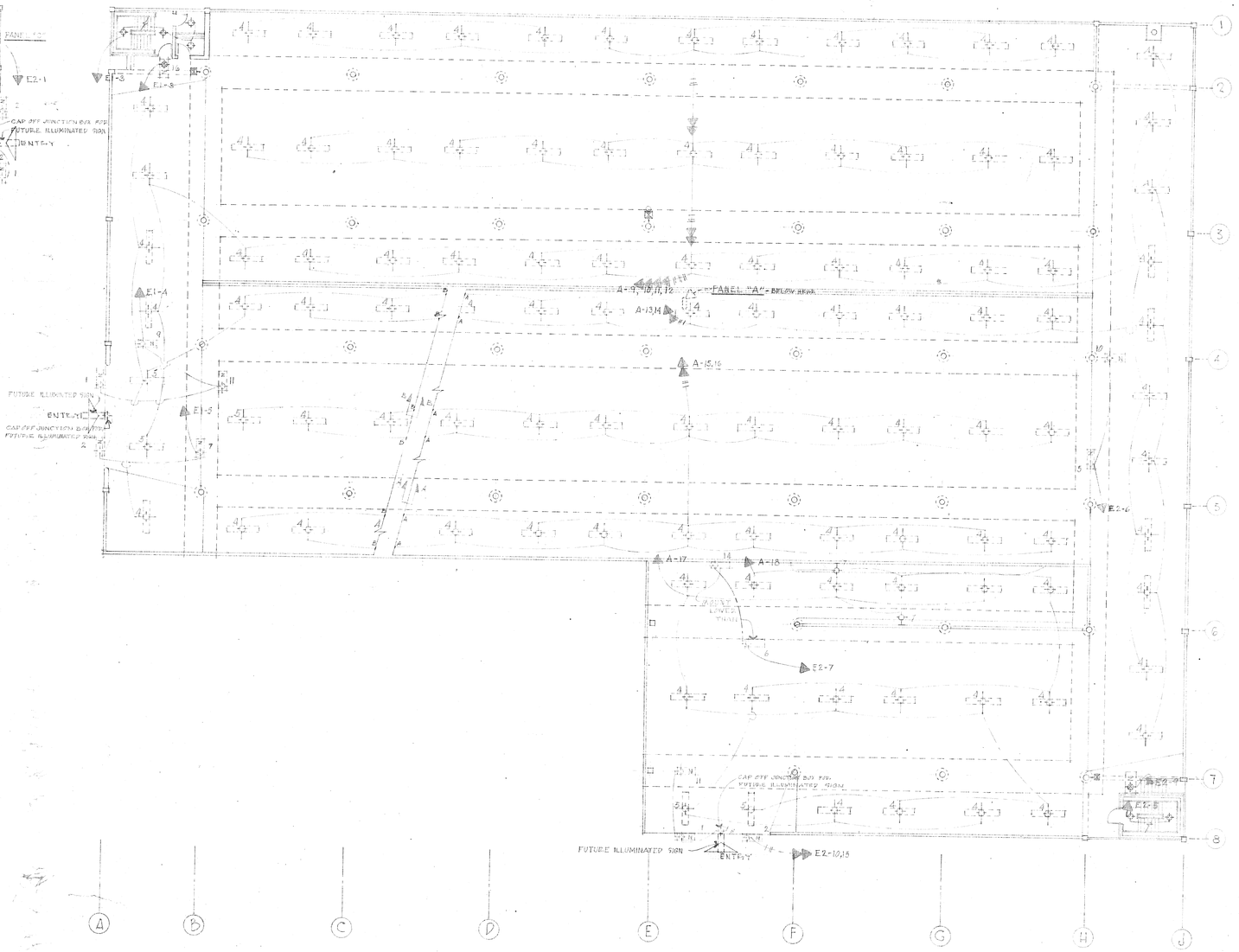
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

ELECTRICAL FLOOR PLAN
NEON SIGN FIXTURE SCHEDULE & SIGN DETAILS

E-2 OF 19



GROUND FLOOR & REFLECTED CEILING PLAN
SCALE: 1/16" = 1'-0"



UPPER FLOOR No 1 & REFLECTED CEILING PLAN
SCALE: 1/16" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

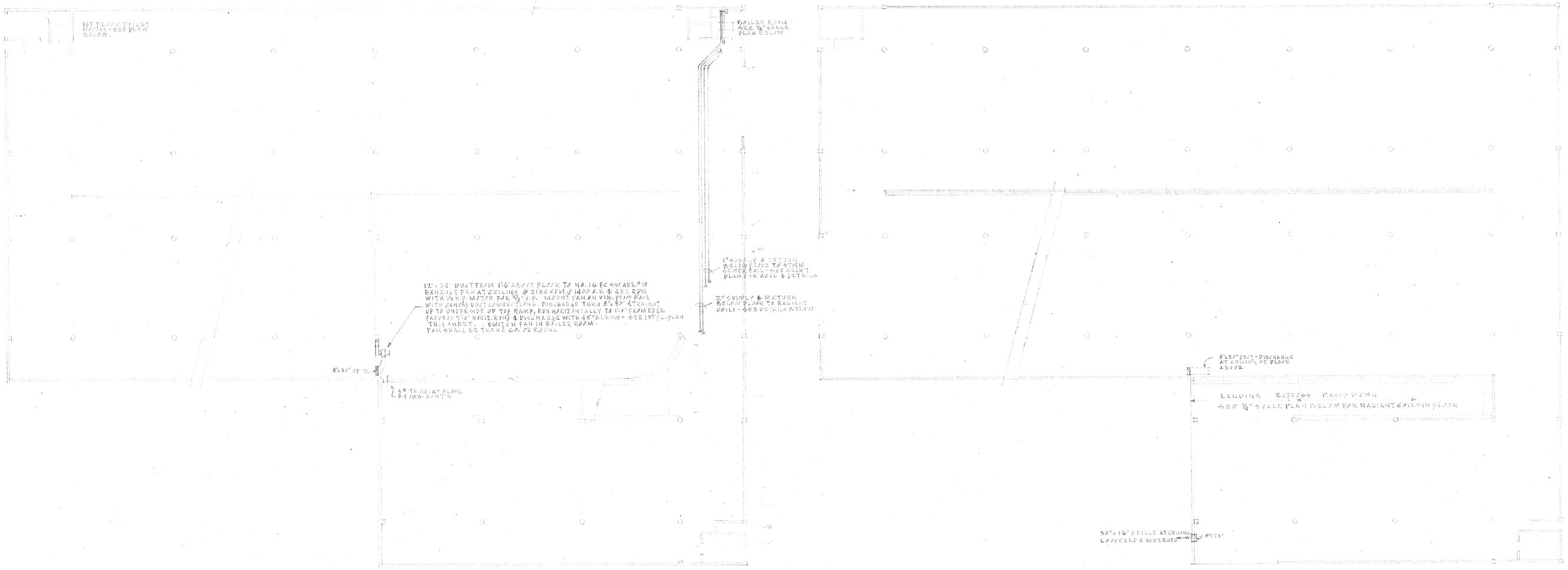
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN JSH
TRACED
CHECKED
JOB 5715
DATE 4-25-57

JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

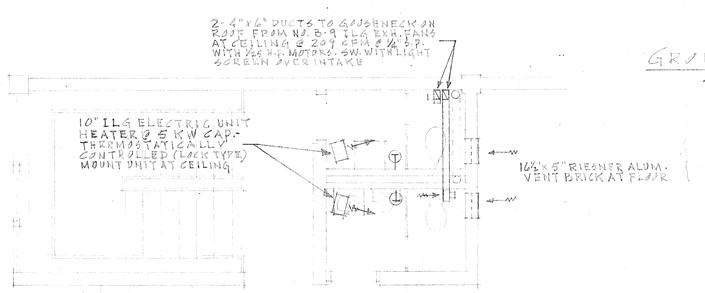
ELECTRICAL PLAN

E-1 OF 15



FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"

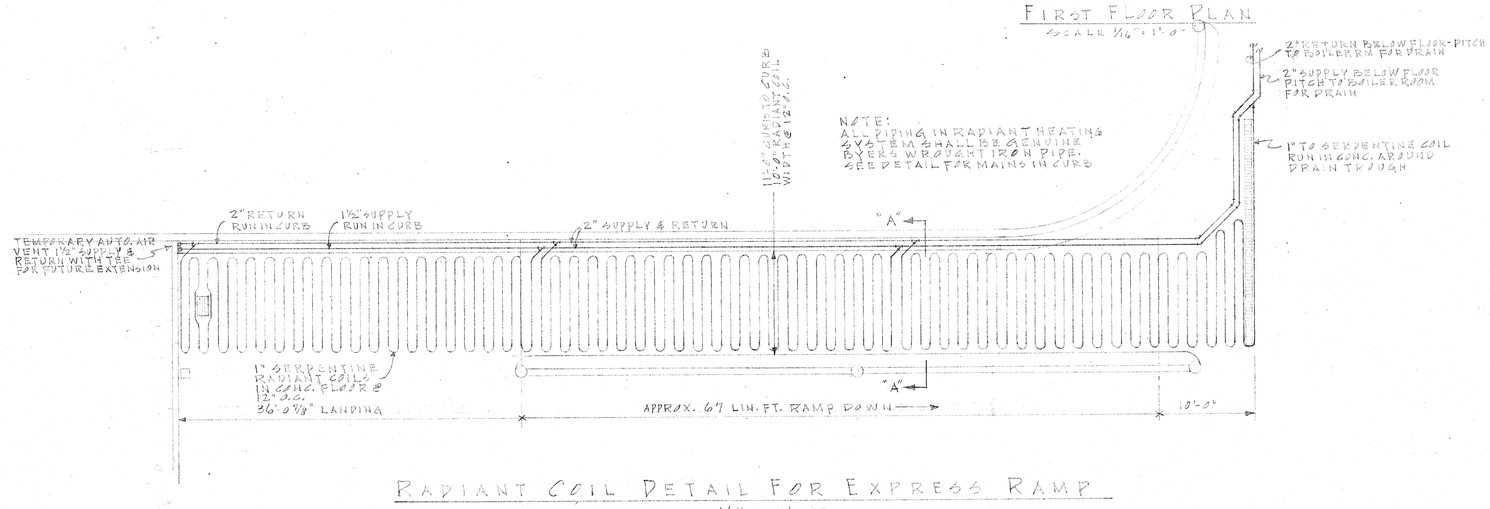


GROUND FLOOR PLAN

SCALE 1/16" = 1'-0"

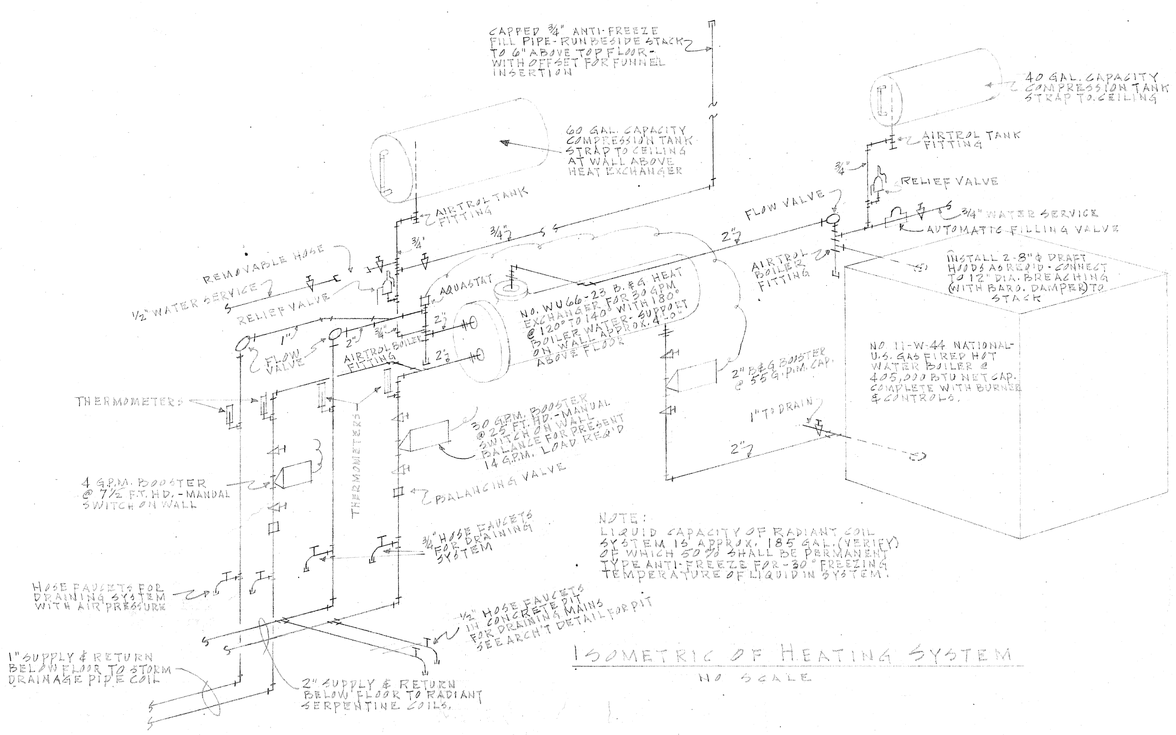
1ST. FLOOR TOILET RM PLAN

SCALE 1/4" = 1'-0"



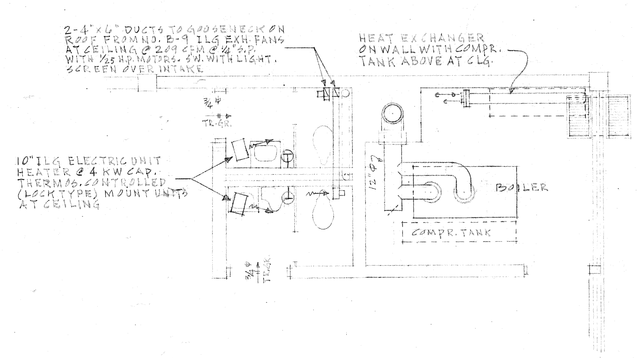
RADIANT COIL DETAIL FOR EXPRESS RAMP

SCALE 1/4" = 1'-0"



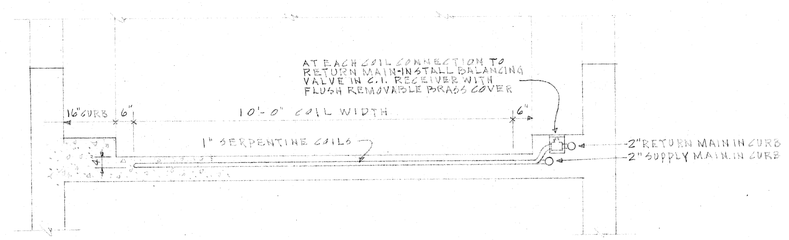
ISOMETRIC OF HEATING SYSTEM

NO SCALE



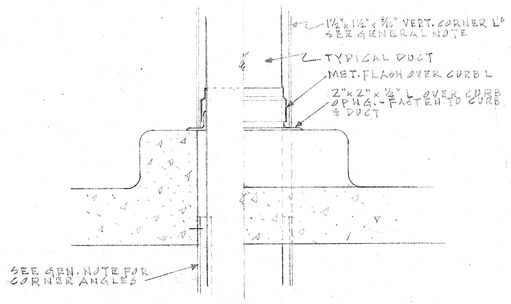
BOILER ROOM PLAN

SCALE 1/4" = 1'-0"



SECTION "A"-"A" THRU RAMP

SCALE 1/2" = 1'-0"



TYPICAL DUCT FLASHING THRU EACH FLOOR

SCALE 1½" = 1'-0"

GENERAL NOTE

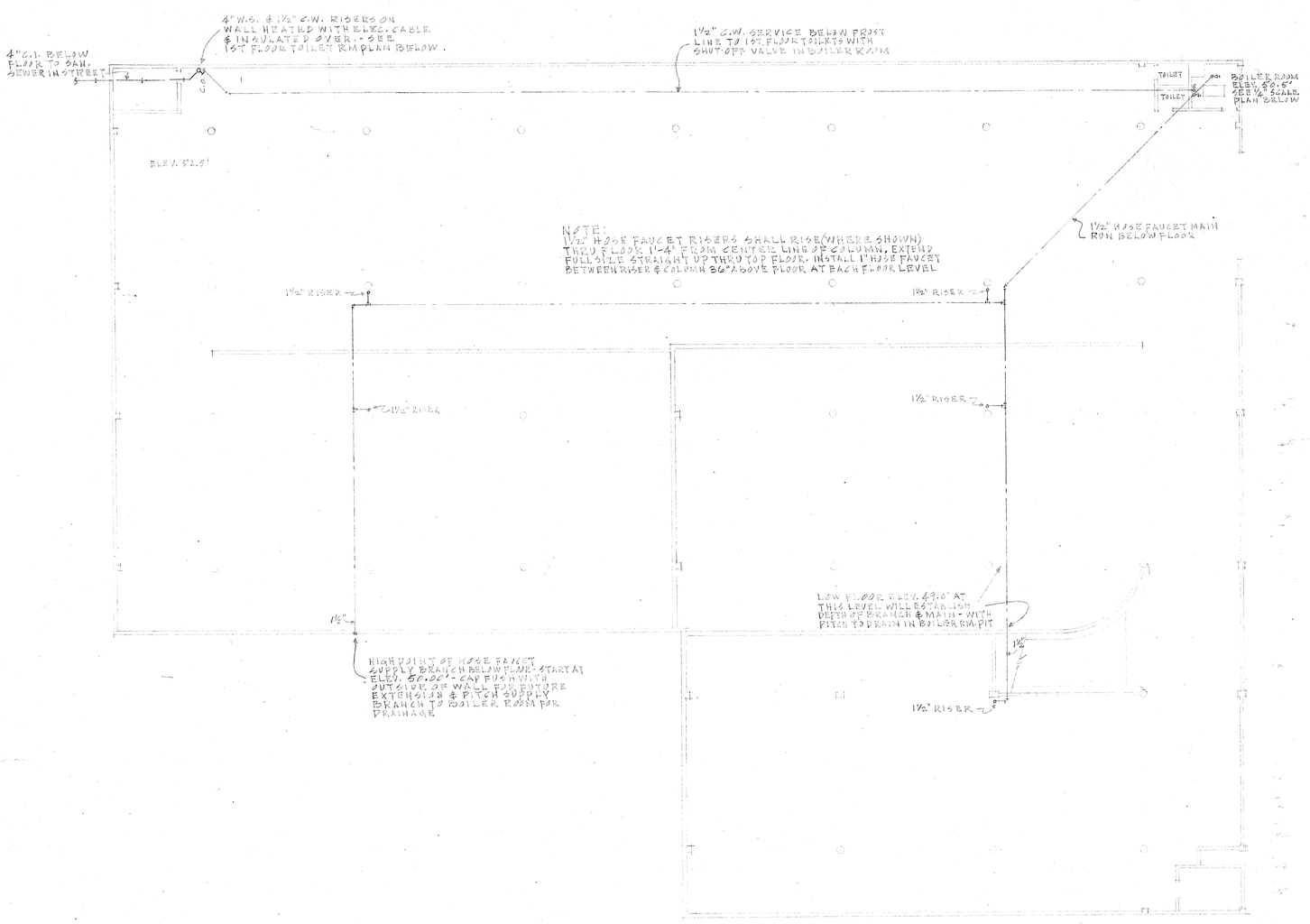
HEATING CONTRACTOR SHALL INSTALL 1½"x1½"x3/16" ANGLES FASTENED PLASTER TO CEILING ON EXPOSED CORNERS OF ALL VERTICAL DUCTS.

HEATING CONT'R SHALL FURNISH ALL NECESSARY HANGERS & SUPPORTS FOR EQUIPMENT IN THIS CONTRACT.

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN M.J.C.	JOHN J. FLAD & ASSOCIATES
TRACED	ARCHITECTS & ENGINEERS
CHECKED	2525 UNIVERSITY AVENUE
JOB 5715	MADISON WISCONSIN
DATE 4-25-67	HEATING PLAN — HV-1 OF 12

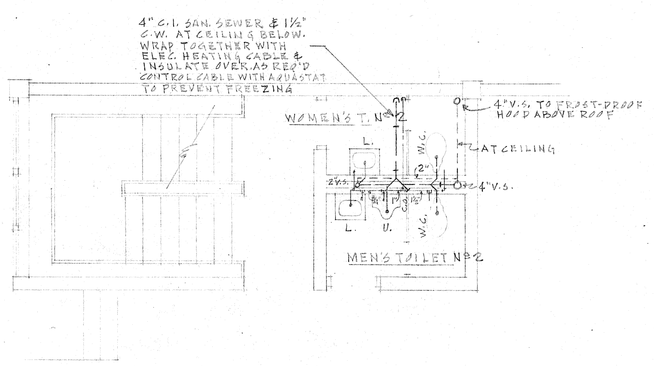


GROUND FLOOR PLAN
SCALE 1/16" = 1'-0"

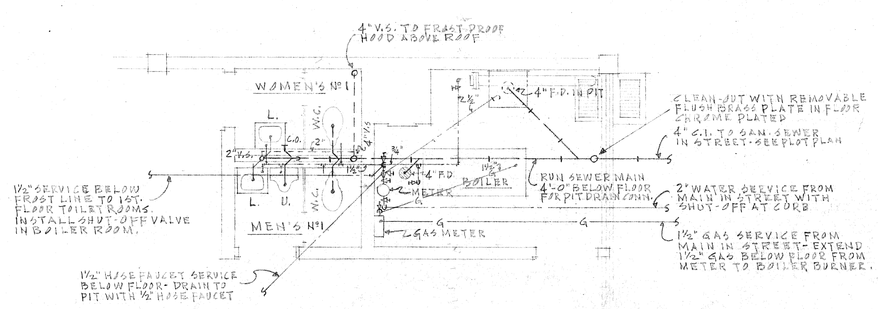
PLUMBING SYMBOL SCHEDULE	
—+— —+—	SAN. SEWER PIPING BELOW FLOOR
— — —	C.W. COLD WATER
— — — —	VENT PIPING
—G—	GAS PIPING

SERVICES	C.W.	WASTE	VENT
W.C. WATER CLOSET (FLUSH VALVE)	1"	4"	2"
L. LAVATORY	½"	1½"	1½"
U. URINAL (FLUSH VALVE)	¾"	2"	1½"
W.S. WASTE STACK			
V.S. VENT STACK			
C.I. CAST IRON			
C.O. CLEAN-OUT			
H.F. HOSE FAUCET			

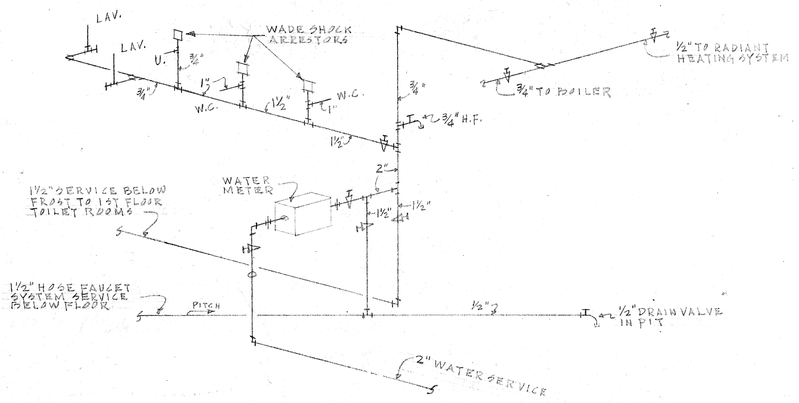
GEN. NOTES:
INSTALL WADE SHOCK ARRESTOR ON COLD WATER SERVICE TO EACH WATER CLOSET & URINAL.
INSULATE COLD WATER PIPING IN BOILER ROOM WITH ½" ANTI-SWEAT INSULATION.
SEE ARCH'T PLANS FOR ROOF & AREA DRAINAGE SYSTEM IN THIS CONTRACT



1ST. FLOOR TOILET RM PLAN
SCALE ½" = 1'-0"



BOILER & TOILET ROOM PLAN
SCALE ¼" = 1'-0"



WATER SERVICE RISER DIAGRAM
NO SCALE

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

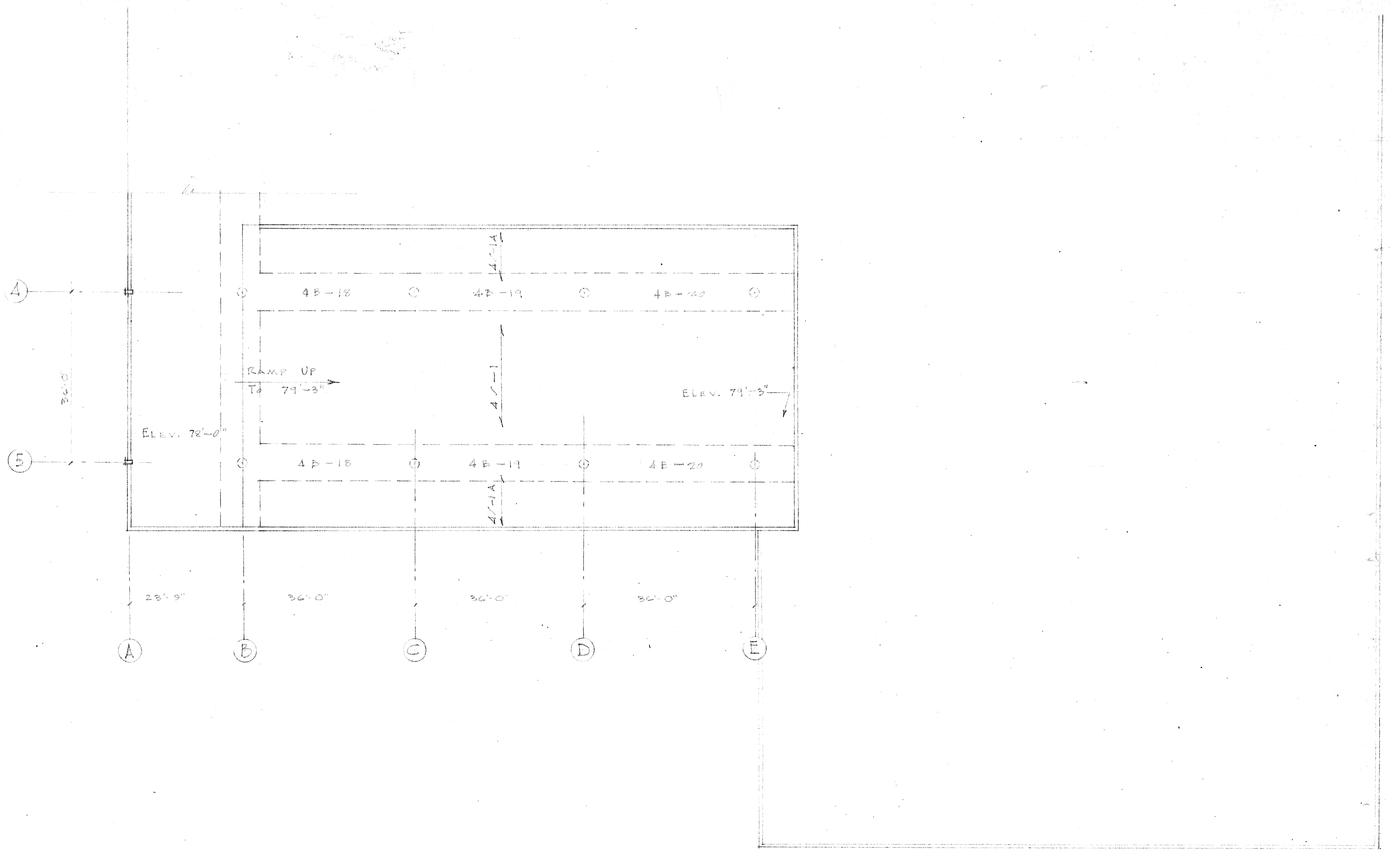
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN M.J.C.
TRACED
CHECKED
JOB 5715
DATE 4-22-57

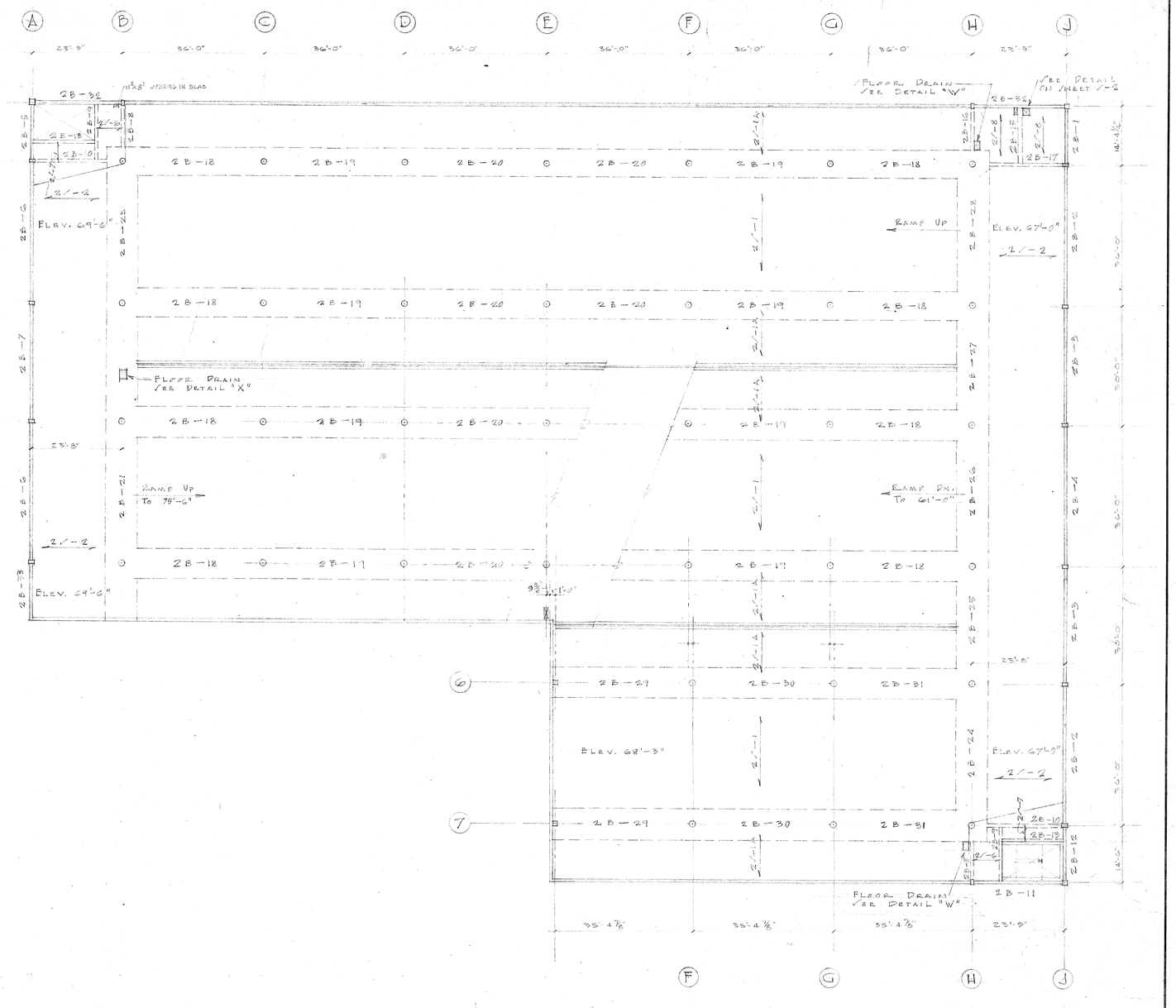
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

PLUMBING PLAN

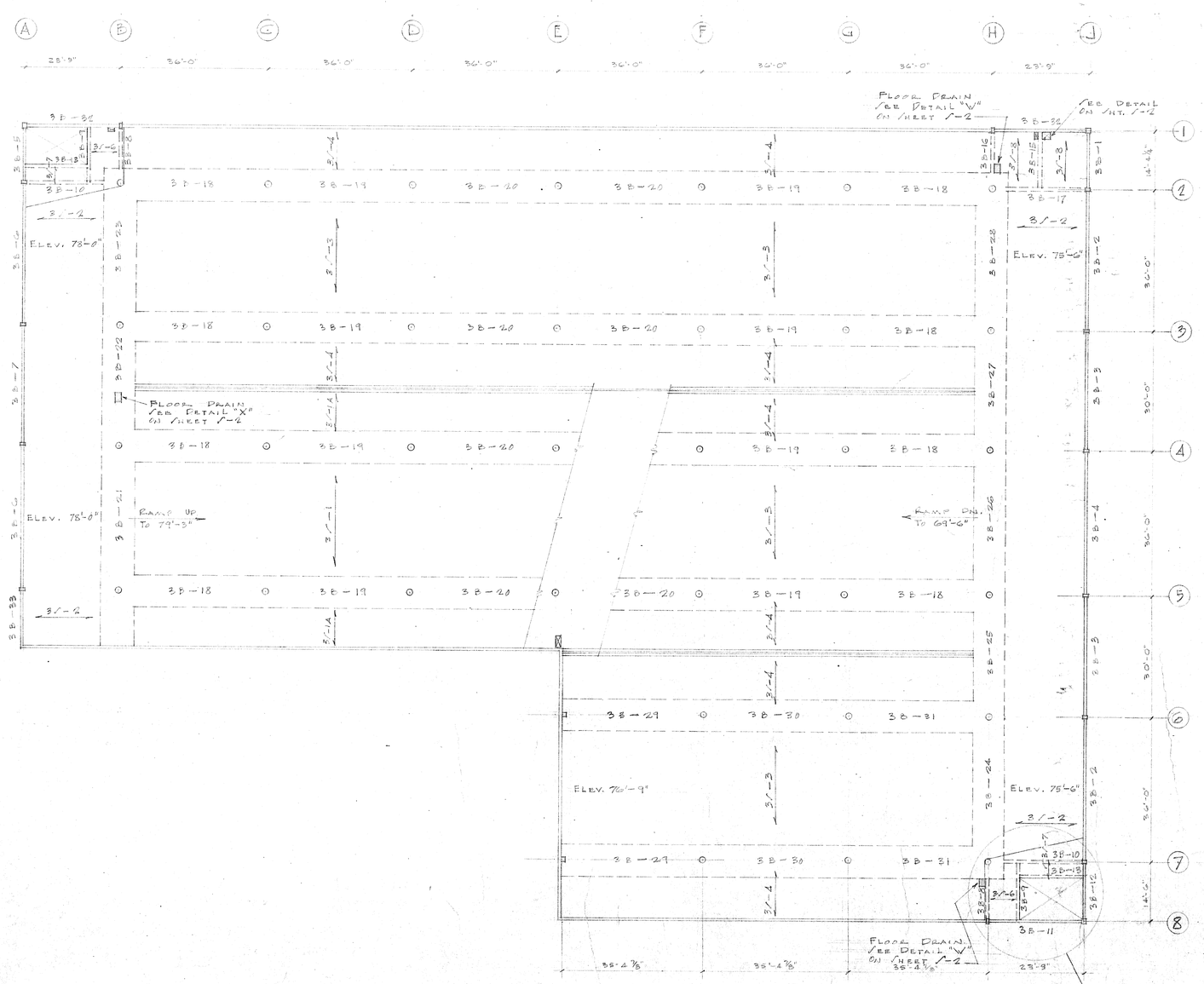
P-1 OF 10



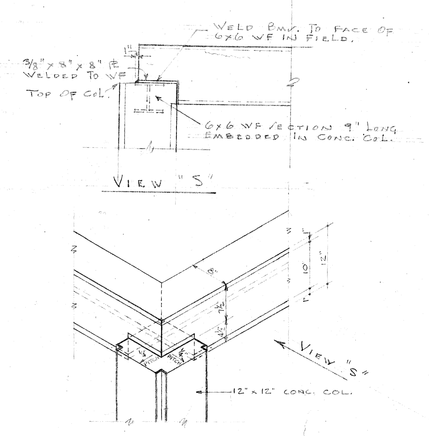
UPPER FLOOR No. 4.



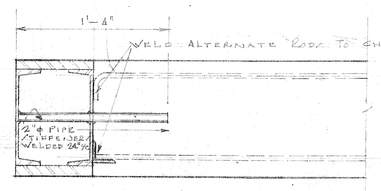
UPPER FLOOR No. 2
(SECOND LEVEL)



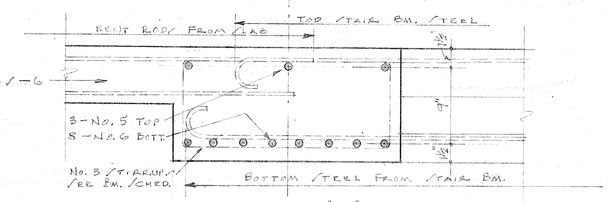
UPPER FLOOR No. 3
(THIRD LEVEL)



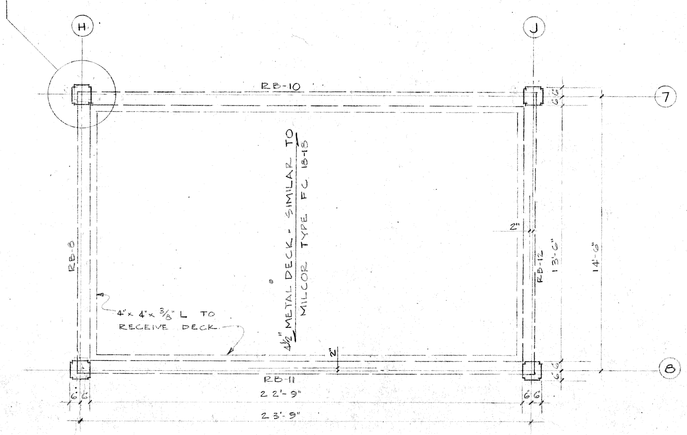
ROOF COL. & BEAM DETAIL
SCALE 3/4" = 1'-0"



DETAIL "U"
BEAM 1B-11



DETAIL "V"
BEAM 1B-9
(2B-9 & 3B-9 SIMILAR)



STAIR ROOF FRAMING
SCALE 1/8" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

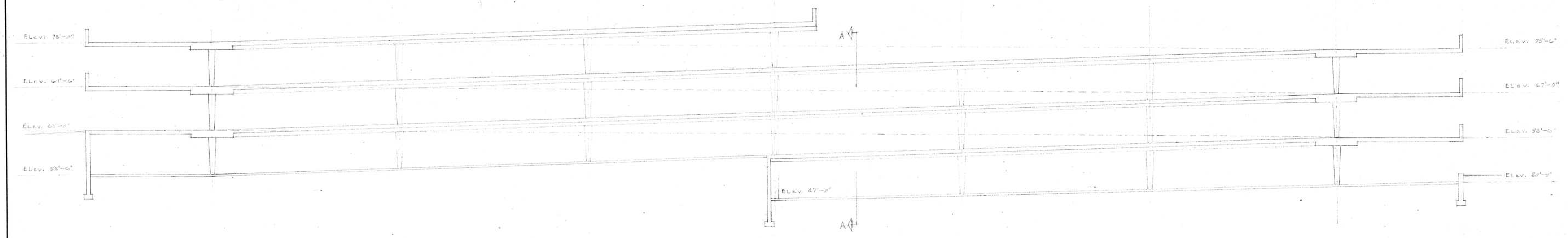
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN
TRACED
CHECKED
JOB 5715
DATE 4-23-57

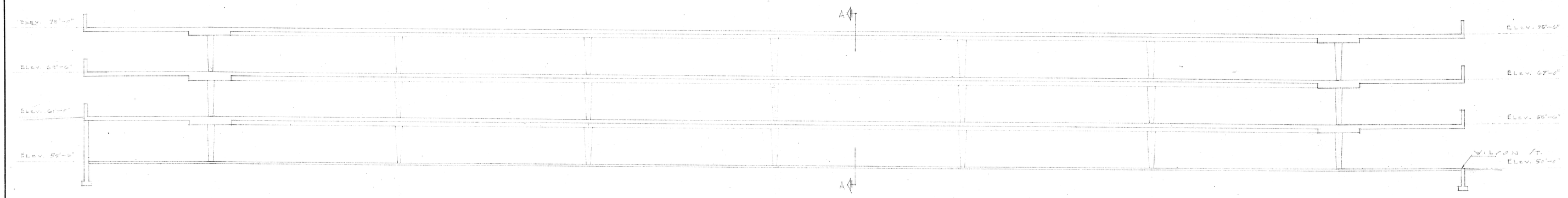
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

STRUCTURAL FRAMING
UPPER FL. No. 2,3,4 & DETAILS

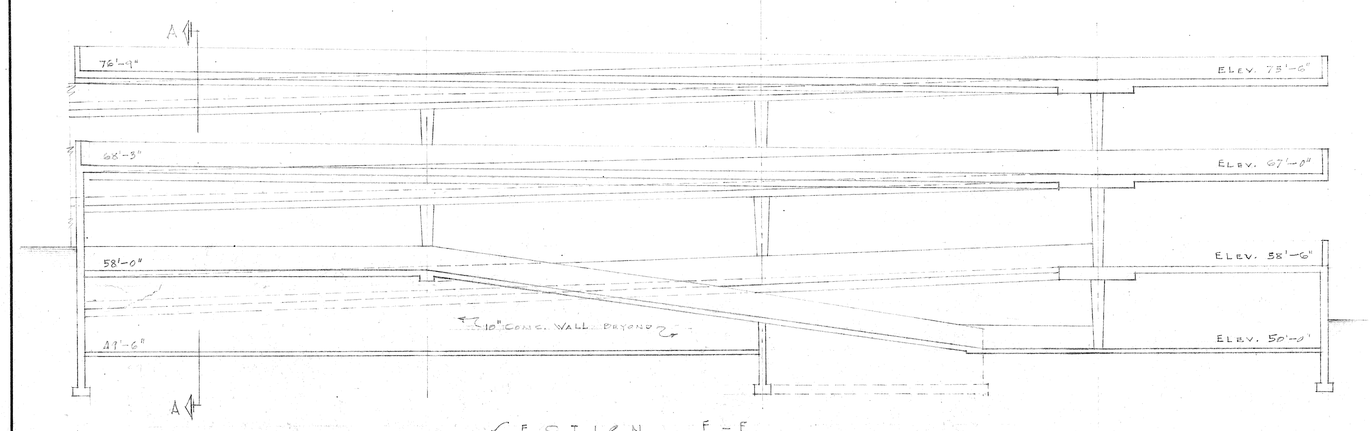
S-3 OF 19



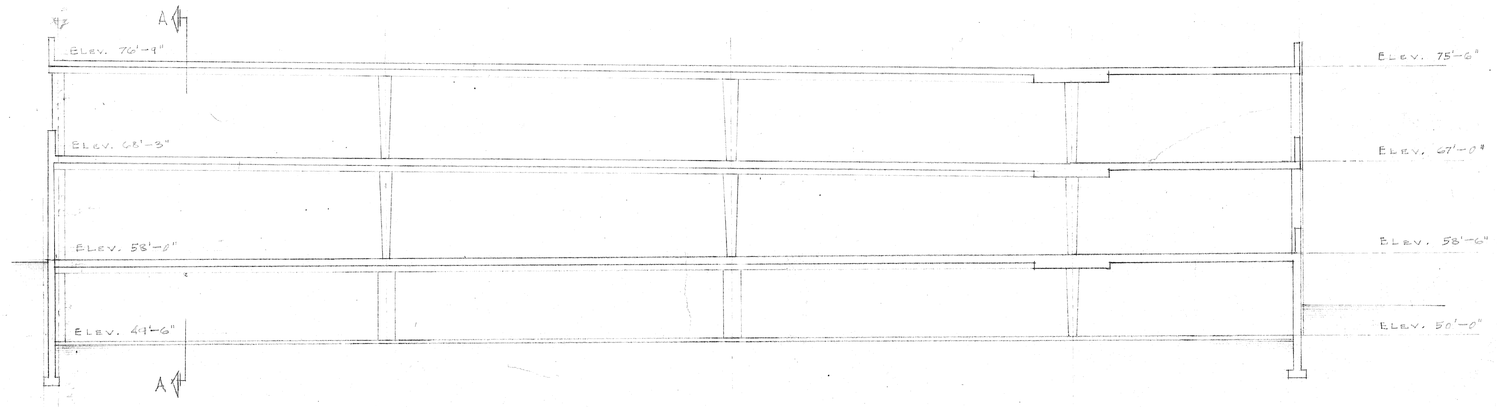
CROSS SECTION B-B
CENTER RAMP



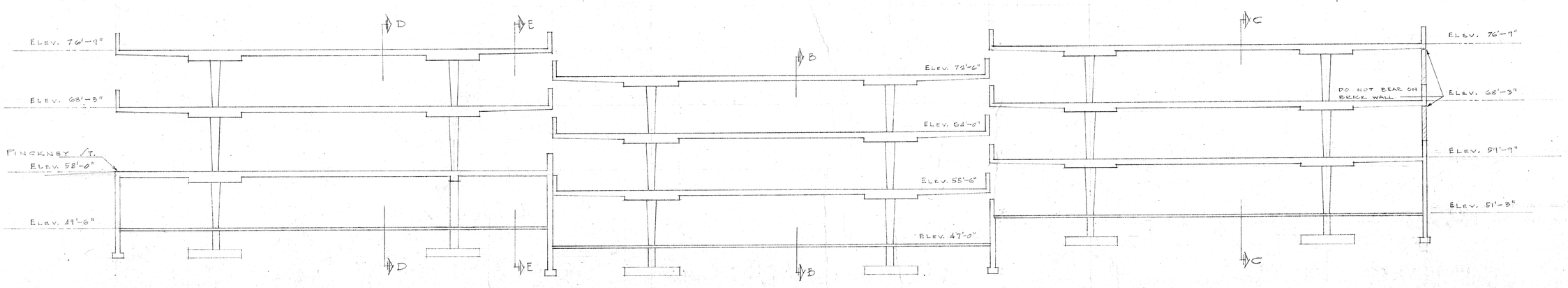
CROSS SECTION C-C
EAST RAMP



SECTION E-E
EXPRESS RAMP



SECTION D-D
WEST RAMP



CROSS SECTION A-A

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

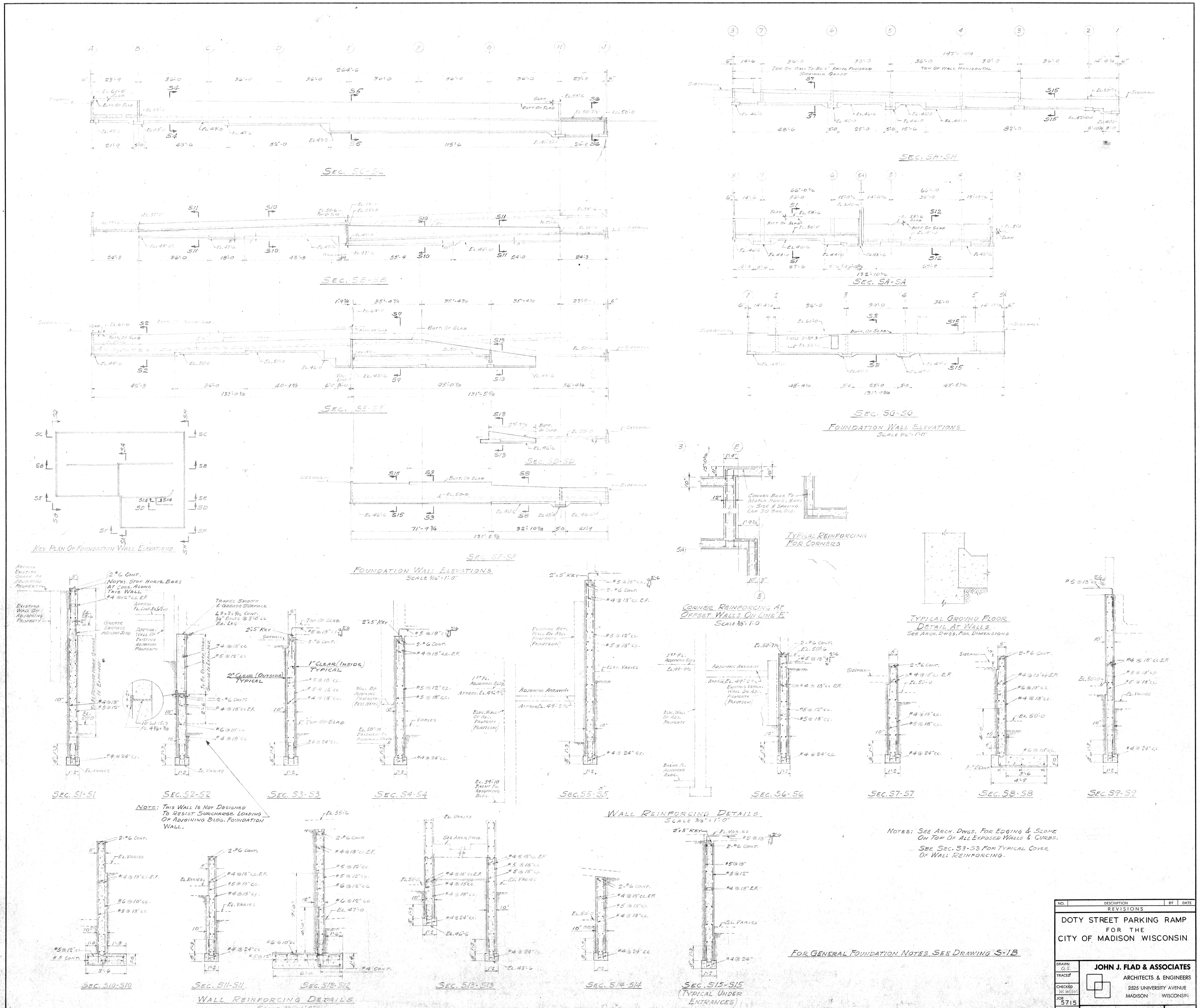
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

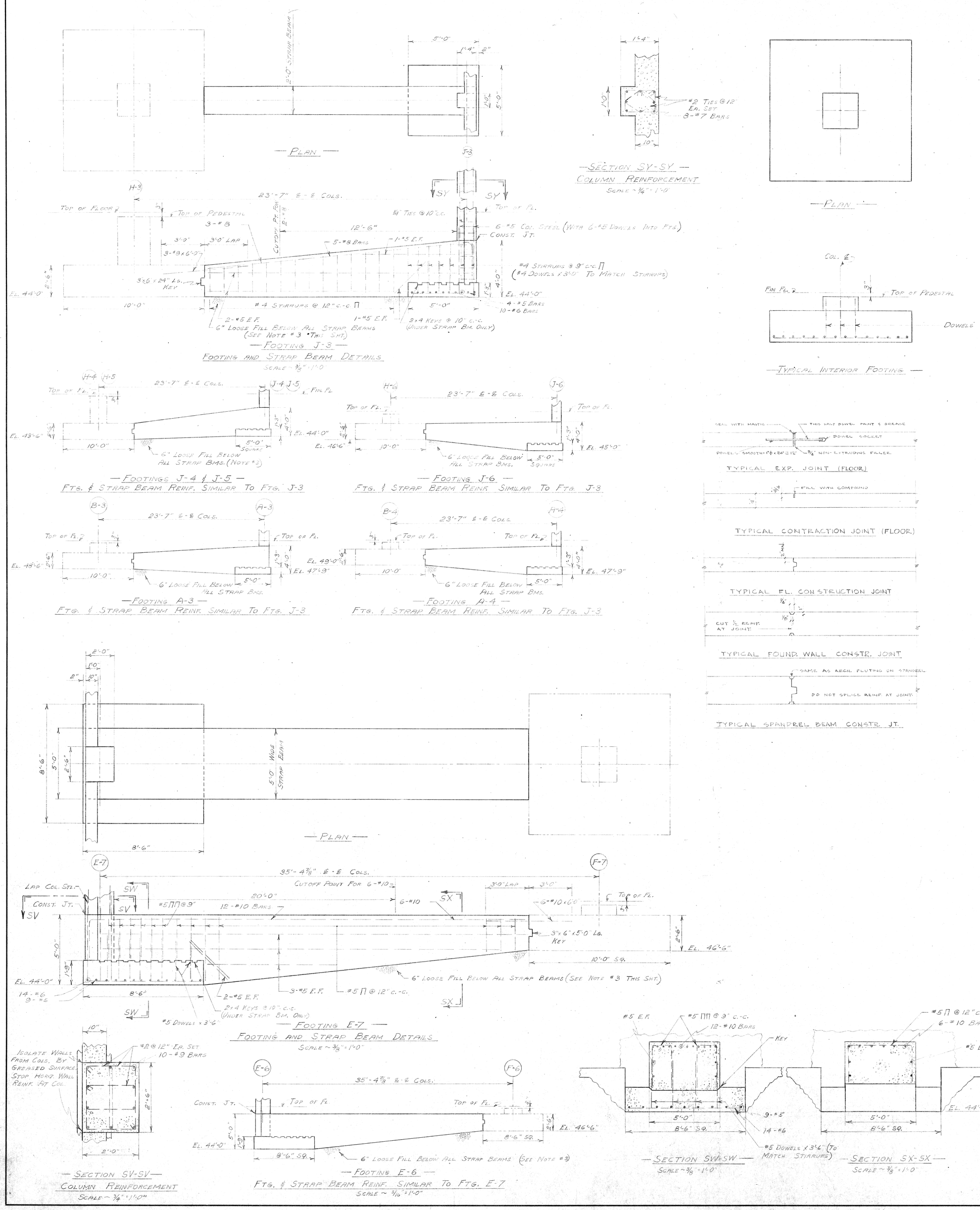
DRAWN
TRACED
CHECKED
JOB 5715
DATE 4-28-61

JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

STRUCTURAL SECTIONS

S-4 OF 13


SEC. SC-SC
SEC. SB-SB
SEC. SE-SE
SEC. SD-SD
SEC. SF-SF
FOUNDATION WALL ELEVATIONS
SCALE 1/16"=1'-0"
SEC. SH-SH
SEC. SA-SA
SEC. SG-SG
FOUNDATION WALL ELEVATIONS
SCALE 1/16"=1'-0"
KEY PLAN OF FOUNDATION WALL ELEVATIONS
CORNER REINFORCING AT OFFSET WALLS ON LINE "E"
SCALE 3/8"=1'-0
TYPICAL REINFORCING FOR CORNERS
TYPICAL GROUND FLOOR DETAIL AT WALLS
SEE ARCH. DWGS. FOR DIMENSIONS
SEC. S1-S1
SEC. S2-S2
SEC. S3-S3
SEC. S4-S4
SEC. S5-S5
SEC. S6-S6
SEC. S7-S7
SEC. S8-S8
SEC. S9-S9
NOTE: THIS WALL IS NOT DESIGNED TO RESIST SURCHARGE LOADING OF ADJOINING BLDG. FOUNDATION WALL.
WALL REINFORCING DETAILS
SCALE 3/8"=1'-0"
SEC. S10-S10
SEC. S11-S11
SEC. S12-S12
SEC. S13-S13
SEC. S14-S14
SEC. S15-S15
(TYPICAL UNDER ENTRANCES)
WALL REINFORCING DETAILS
SCALE 3/8"=1'-0"
NOTES: SEE ARCH. DWGS. FOR EDGING & SLOPE ON TOP OF ALL EXPOSED WALLS & CURBS.
SEE SEC. S3-S3 FOR TYPICAL COVER OF WALL REINFORCING.
FOR GENERAL FOUNDATION NOTES, SEE DRAWING S-1B
NO. | DESCRIPTION | BY | DATE
REVISIONS
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN
DRAWN O.S.
TRACED
CHECKED W.W.W.
JOB 5715
DATE 4-25-57
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN
WALL ELEV. & SECTIONS
S-1C OF 19



FOOTING SCHEDULE

FOOTING	SIZE	THICKNESS	PEDESTAL SIZE	REINFORCING	DOWELS	REMARKS
B-2, D-2, D-3, D-4, D-5, E-2, E-3, F-2, F-3, F-4, F-5, H-2, H-7	9'-6" x 9'-6"	2'-3"	28" x 28"	14-#9 EA. WAY BOT.	8-#6	
B-3, B-4, B-5, C-2, C-3, C-4, C-5, F-7, G-2, G-3, G-4, G-5, G-7, H-3, H-4, H-5, H-6	10'-0" x 10'-0"	2'-6"	30" x 30"	14-#9 EA. WAY BOT.	8-#6	
E-4, E-5	10'-6" x 10'-6"	2'-6"	32" x 34"	*	12-#10 (#3 TIES @ 15")	COLUMN IS MONOLITHIC WITH WALL
F-6	8'-6" x 8'-6"	2'-6"	28" x 28"	14-#8 EA. WAY BOT.	8-#6	
G-6	8'-6" x 8'-6"	2'-0"	28" x 28"	14-#8 EA. WAY BOT.	8-#6	

* 14-#9 PARALLEL WITH WALL
16-#9 PERPENDICULAR TO WALL

GENERAL FOUNDATION NOTES

1. FOUNDATION WALLS ARE DESIGNED FOR EARTH PRESSURE ONLY; NOT FOR COMPACTION OF FILL BY FLOODING. CONTRACTOR TO PROTECT WALLS FROM WATER PRESSURE DURING CONSTRUCTION AND TO WITH-HOLD BACKFILLING UNTIL THE TOP SUPPORTING SLABS ARE IN PLACE WHERE INDICATED.
2. ALL SLAB ELEVATIONS ARE NOMINAL ELEVATIONS. SEE ARCHITECTURAL DRAWINGS FOR ACTUAL ELEVATIONS, PITCH OF FLOORS, ETC.
3. SIX INCHES (6") LOOSE FILL SHALL BE USED UNDER ALL STRAP BEAMS BETWEEN EXTERIOR FOOTINGS AND ADJACENT INTERIOR FOOTING. IT IS THE INTENT THAT THIS FILL BE A LOOSE COMPRESSIBLE MATERIAL THAT WILL WITH-HOLD THE WEIGHT OF THE FLUID CONCRETE BUT WILL NOT CARRY ANY OF THE BUILDING LOAD FOR WHICH THE FOOTINGS ARE DESIGNED.
4. FOR KEY DIMENSIONS OF LAYOUT OF FOOTINGS, WALLS AND COLUMNS, THE ARCHITECTURAL DRAWINGS SHALL BE WORKED WITH THESE DRAWINGS.
5. THERE SHALL BE NO MASTIC EXPANSION JOINTS BETWEEN SLABS AND FOUNDATION WALL. FIRM RESISTANCE OF THE SLABS ARE REQUIRED FOR STABILITY OF THE WALLS.
6. SOIL BEARING CAPACITY 8,000 PSF.

CONCRETE NOTES

1. FOLLOW A.C.I. AND C.R.S.I. STANDARDS FOR DETAILS OF CONCRETE REINFORCING STEEL NOT OTHERWISE INDICATED.
2. WHERE OPENINGS OCCUR IN CONCRETE SLABS PROVIDE SPECIAL REINFORCING STEEL AROUND SAME, WHETHER SHOWN SPECIFICALLY OR NOT. COOPERATE WITH MECHANICAL CONTRACTORS FOR LOCATION AND SIZE OF REQUIRED OPENINGS.
3. ALL CONCRETE FORMS SHALL BE CAMBERED TO ALLOW FOR DEAD LOAD DEFLECTIONS AS FOLLOWS:
   CANTILEVERED SLABS - 1" MIN.
   INTERIOR SPANS OVER 10 FEET - 3/4" MIN.
4. PROVIDE 1" ROUND "U"-BOLT ANCHORS EMBEDDED 2'-0" INTO PIERS. (2 UNITS EACH COL.) FOR ALL COLUMN BASES WITH STEEL BASE PLATES.
5. CONCRETE USED FOR CONSTRUCTION SHALL HAVE THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH
   CONCRETE PIERS AND COLUMNS - 3750 PSI.
   SLABS, BEAMS, SPANDRELS, REINFORCED WALLS - 3000 PSI.
   FLOOR SLAB ON GROUND, WALLS - 2500 PSI.
6. REINFORCING STEEL FOR CONCRETE CONSTRUCTION SHALL BE:
   COLUMN VERTICALS - A.S.T.M. A-305 & HARD GRADE STEEL.
   OTHER PRINCIPAL REINFORCING STEEL - A.S.T.M. A-305 & INTERMEDIATE GRADE.
   TEMPERATURE STEEL - NON-DEFORMED TYPE.
7. SEE SPECIFICATIONS FOR SPECIAL FINISH TO BE GIVEN EXPOSED CONCRETE SURFACES.
8. USE CONSTRUCTION JOINTS IN FOUNDATION WALL & ALL SPANDREL BEAMS IN LINE WITH EXPANSION JOINTS IN GROUND FLOOR SLAB. - SEE SHT. S-1b

STRUCTURAL STEEL NOTES

1. FOLLOW A.I.S.C. STANDARD SPECIFICATIONS FOR FABRICATION & ERECTION OF STRUCTURAL STEEL.
2. FOLLOW A.W.S. STANDARDS FOR ALL WELDING OF STRUCTURAL STEEL.
3. ALL EXPOSED WELDS SHALL BE GROUND SMOOTH WHERE NOTED ON DRAWINGS OR AS CALLED FOR IN SPECIFICATIONS.
4. PROVIDE STANDARD A.I.S.C. CONNECTIONS, USING 3/4" ϕ BOLTS FOR ALL STEEL COLUMNS AND BEAMS, EXCEPT WHERE SPECIAL WELDED CONNECTIONS ARE INDICATED ON DRAWINGS.
5. ALL STRUCTURAL STEEL ITEMS SHALL HAVE A SHOP PRIME COAT OF AN APPROVED METAL PRIMER ON ALL SURFACES WHETHER EXPOSED OR NOT.

ABOVE NOTES APPLY TO ALL STRUCTURAL SHTS.

LIVE LOADS USED IN DESIGN

1. ROOF (OVER STAIR WELLS) - 30 PSF
2. ROOF (TOP RAMP) - 80 PSF
3. RAMP 50 PSF.
4. RAMP (GROUND FLOOR) - 100 PSF.
5. STAIRS - 80 PSF.
6. ALL OTHERS 50 PSF.

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

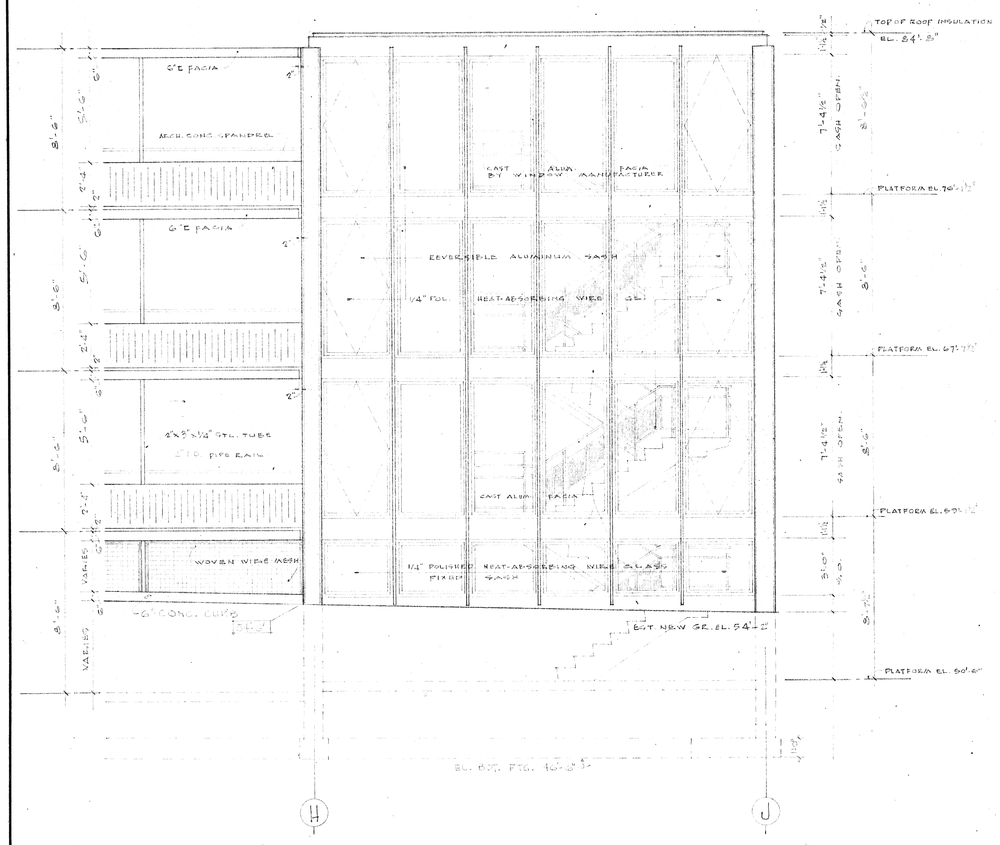
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN E.H.R.
TRACED
CHECKED W.W.V.
JOB 5715
DATE 4-4-73-3-57

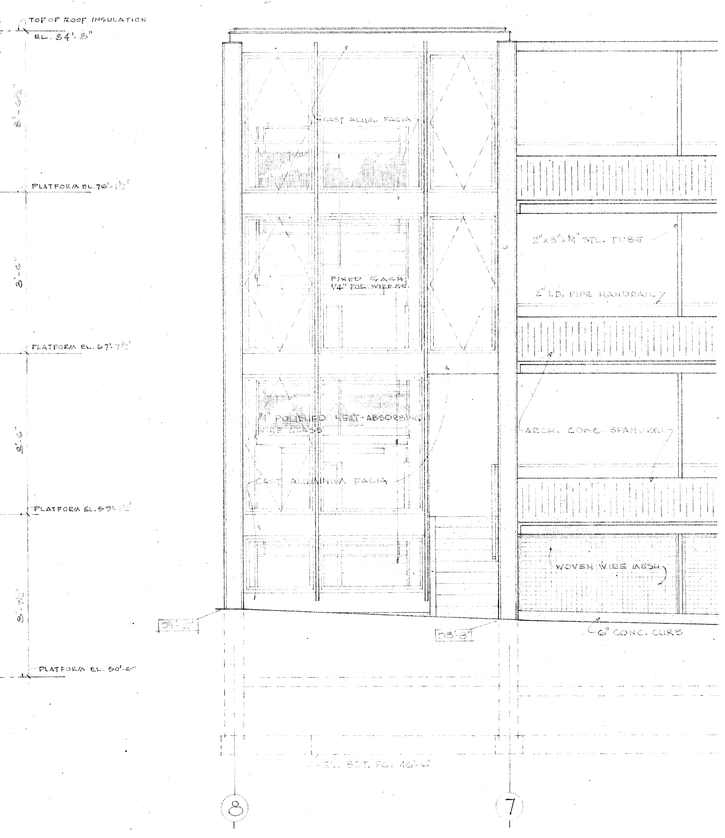
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

FOUND. DET. & GEN. STRUCT. NOTES

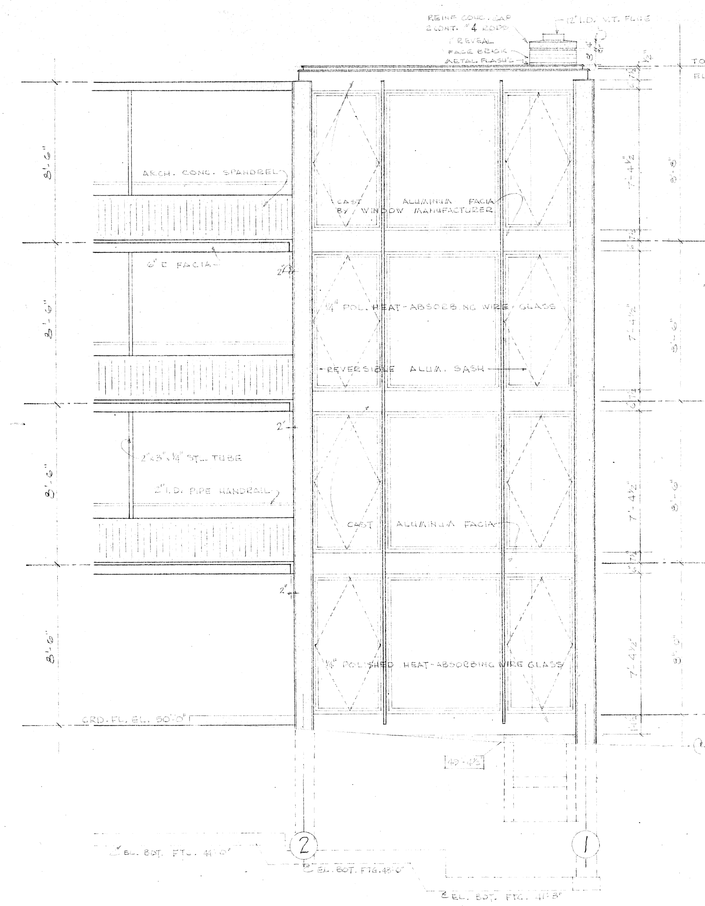
S-1b OF 13



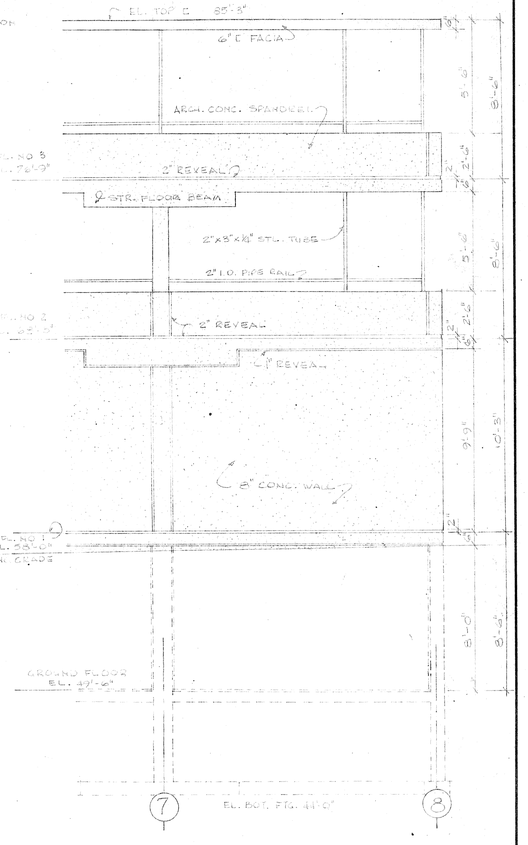
PINKNEY STREET (WEST) ELEVATION
STAIR "A" SCALE: 1/4" = 1'-0"



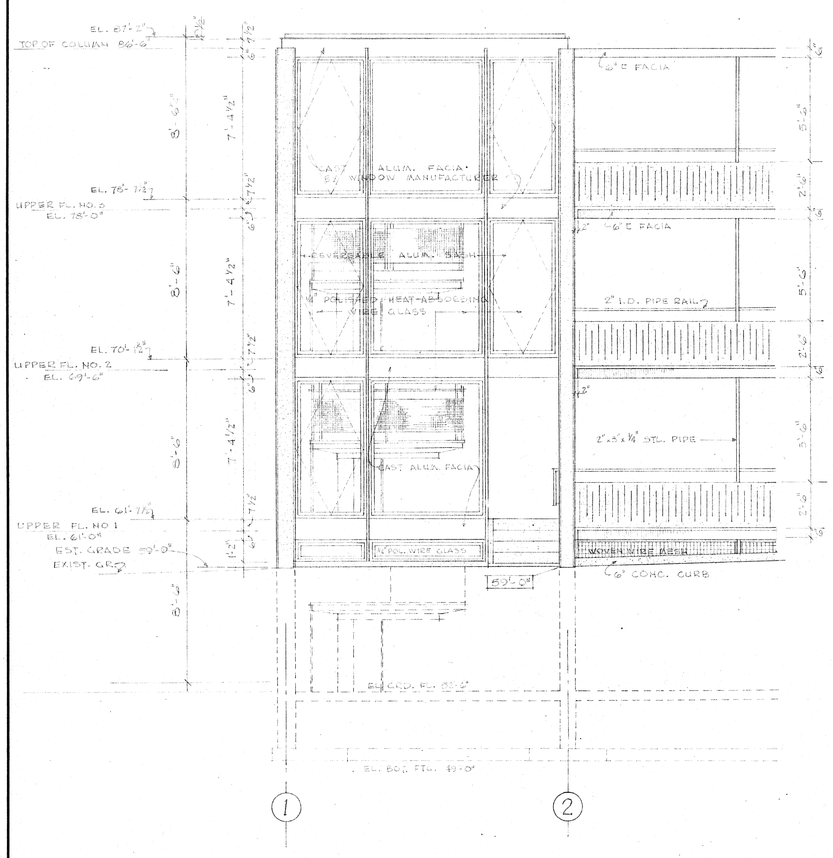
WILSON STREET (SOUTH) ELEVATION
STAIR "A" SCALE: 1/4" = 1'-0"



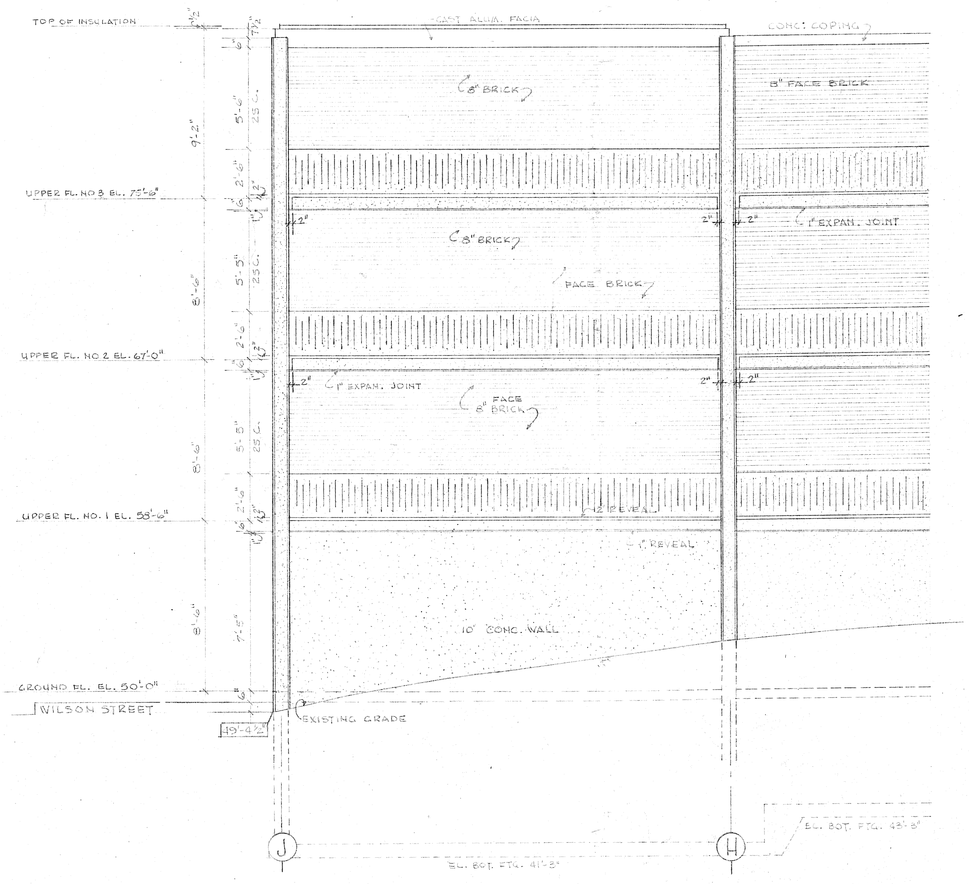
WILSON STREET (SOUTH) ELEVATION
UTILITY ROOM SCALE: 1/4" = 1'-0"



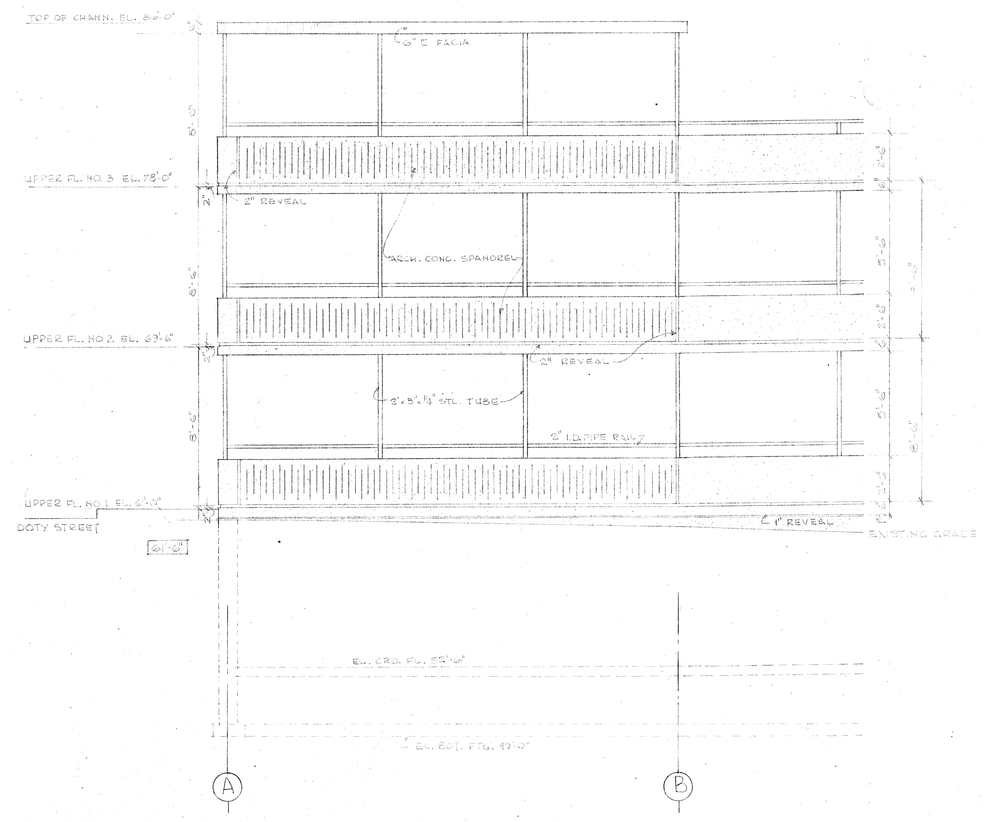
NORTH (DOTY STREET) ELEVATION
KNOCK-OUT PANEL SCALE 1/4" = 1'-0"



DOTY STREET (NORTH) ELEVATION
STAIR "B" SCALE 1/4" = 1'-0"



EAST ELEVATION
PROPERTY LINE FIRE WALL SCALE: 1/4" = 1'-0"



WEST (PINKNEY STREET) ELEVATION
PROPERTY LINE KNOCK-OUT PANEL SCALE 1/4" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

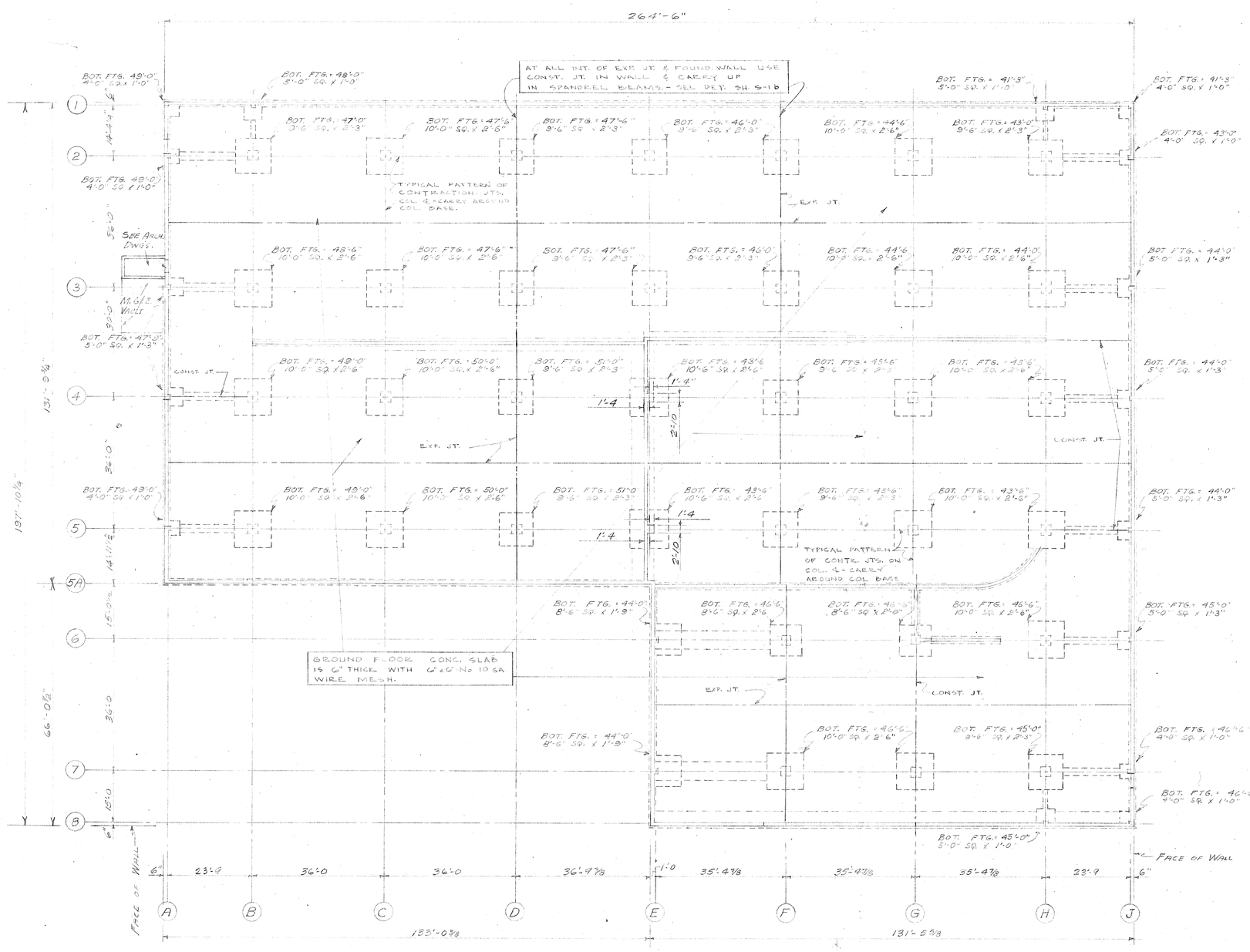
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN E.T.
TRACED
CHECKED
JOB 5715
DATE 4-25-57

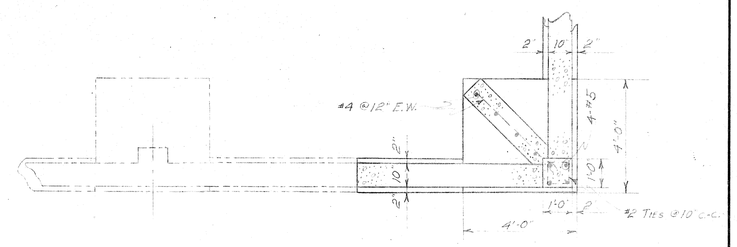
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

ELEVATIONS

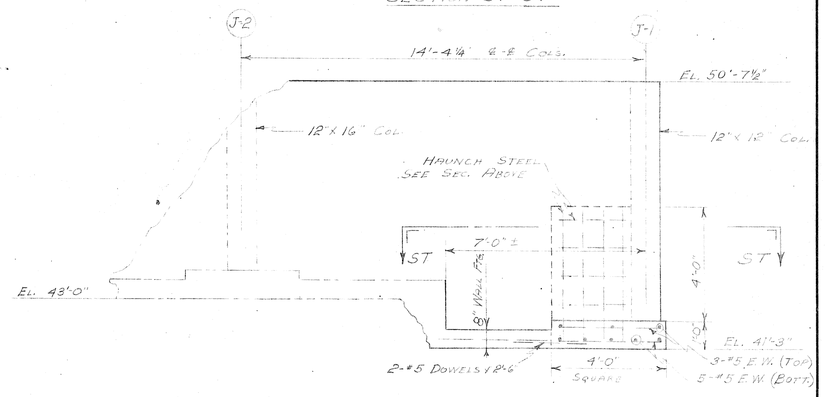
A-7 OF 18



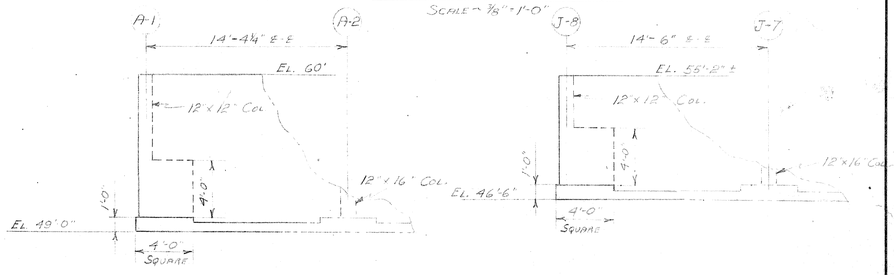
FOUNDATION PLAN
SCALE 1/16" = 1'-0"



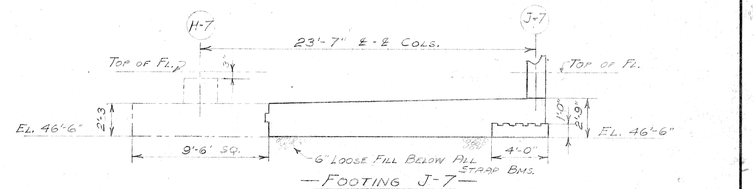
SECTION ST-ST



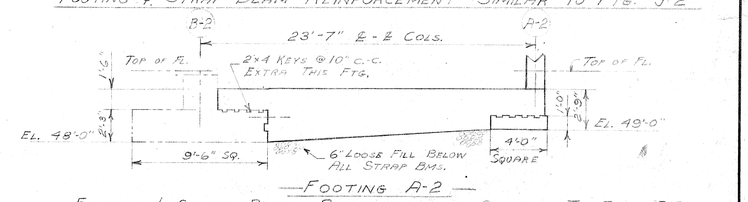
FOOTING J-1
CORNER FOOTING DETAILS
SCALE ~ 3/16" = 1'-0"



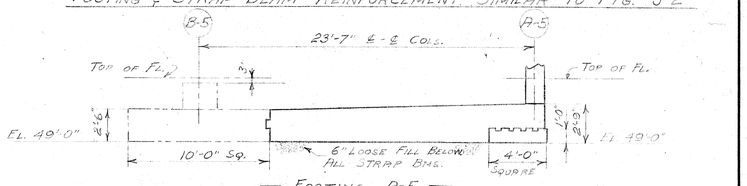
FOOTING A-1 — FOOTING J-8
FOOTING & HAUNCH REINFORCEMENT SIMILAR TO FOOTING J-1
SCALE ~ 3/16" = 1'-0"



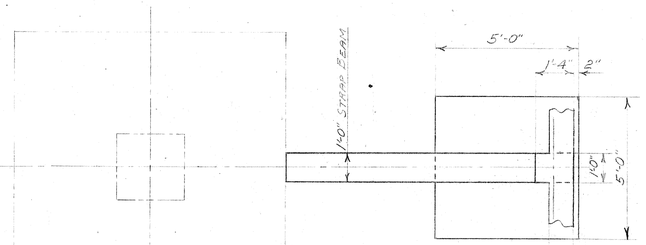
FOOTING J-7
FOOTING & STRAP BEAM REINFORCEMENT SIMILAR TO FTG. J-2



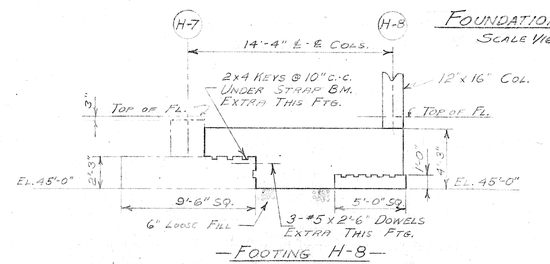
FOOTING A-2
FOOTINGS & STRAP BEAM REINFORCEMENT SIMILAR TO FTG. J-2



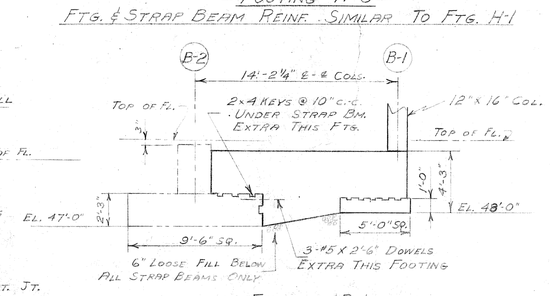
FOOTING A-5
FOOTING & STRAP BEAM REINFORCEMENT SIMILAR TO FTG. J-2
SCALE ~ 3/16" = 1'-0"



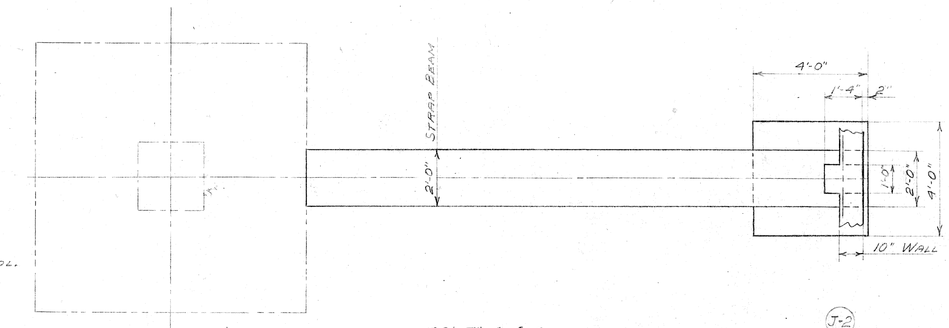
PLAN



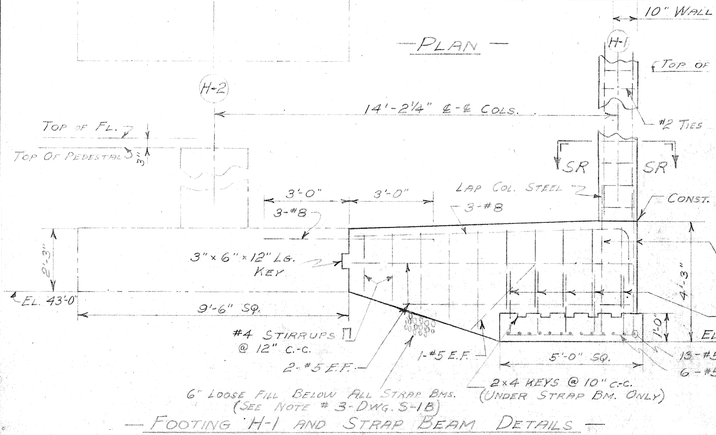
FOOTING H-8
FTS. & STRAP BEAM REINF. SIMILAR TO FTG. H-1



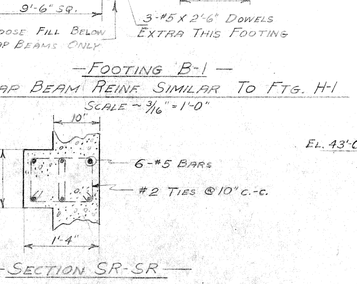
FOOTING B-1
FTG. & STRAP BEAM REINF. SIMILAR TO FTG. H-1
SCALE ~ 3/16" = 1'-0"



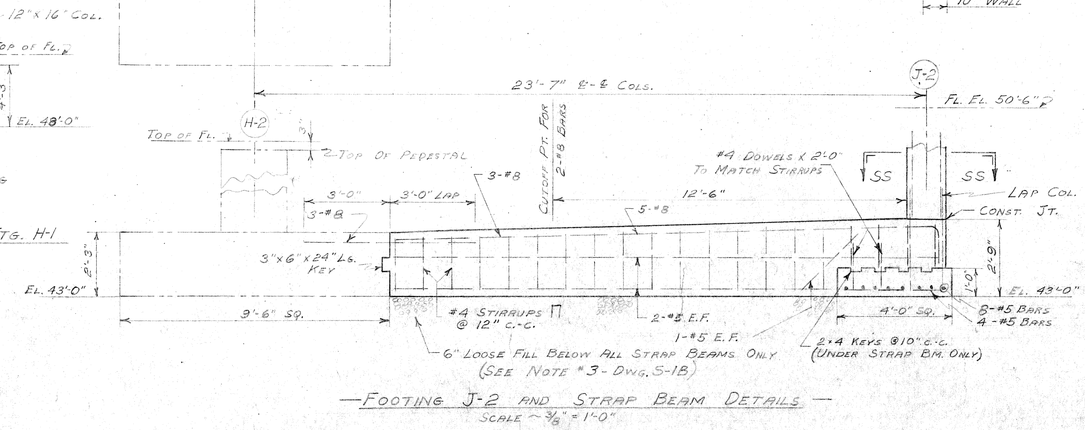
FOR GENERAL NOTES SEE DRWG. # S-1B



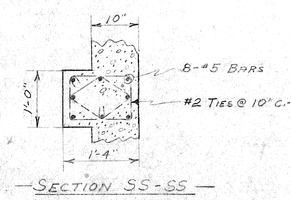
FOOTING H-1 AND STRAP BEAM DETAILS
SCALE ~ 3/8" = 1'-0"



SECTION SR-SR
COLUMN REINFORCEMENT
SCALE ~ 3/8" = 1'-0"



FOOTING J-2 AND STRAP BEAM DETAILS
SCALE ~ 3/8" = 1'-0"



SECTION SS-SS
COLUMN REINFORCEMENT
SCALE ~ 3/8" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

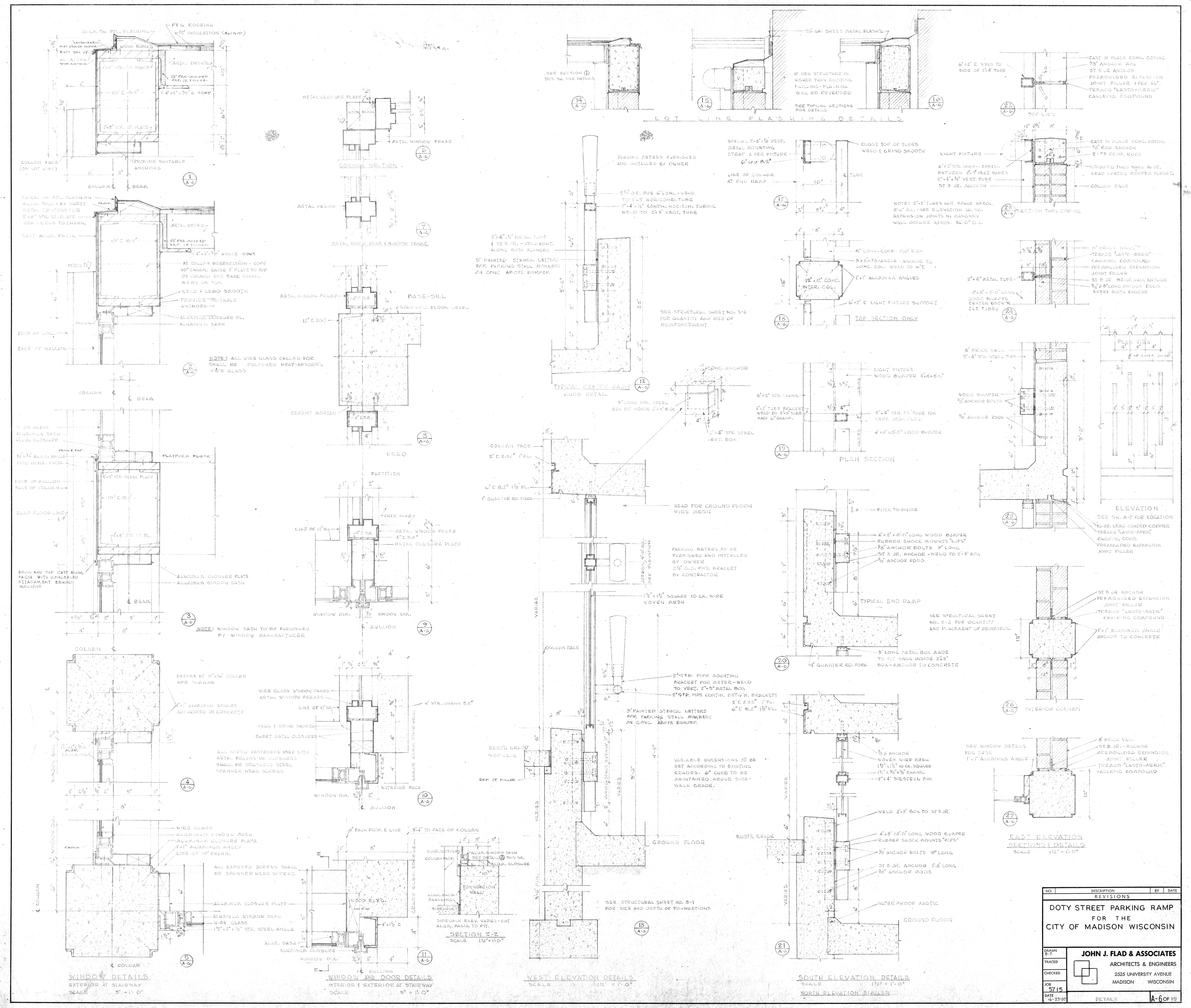
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN O.S. & E.H.
TRACED
CHECKED W. W. W.
JOB 5715
DATE 4-25-67

JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

FOUNDATION PLAN & FOOTING DETAILS

S-10 OF 19



NO.	DESCRIPTION	BY	DATE
	REVISIONS		

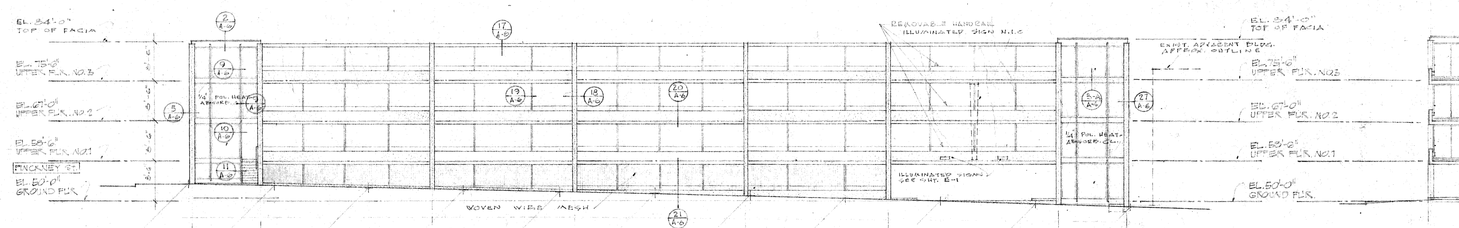
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

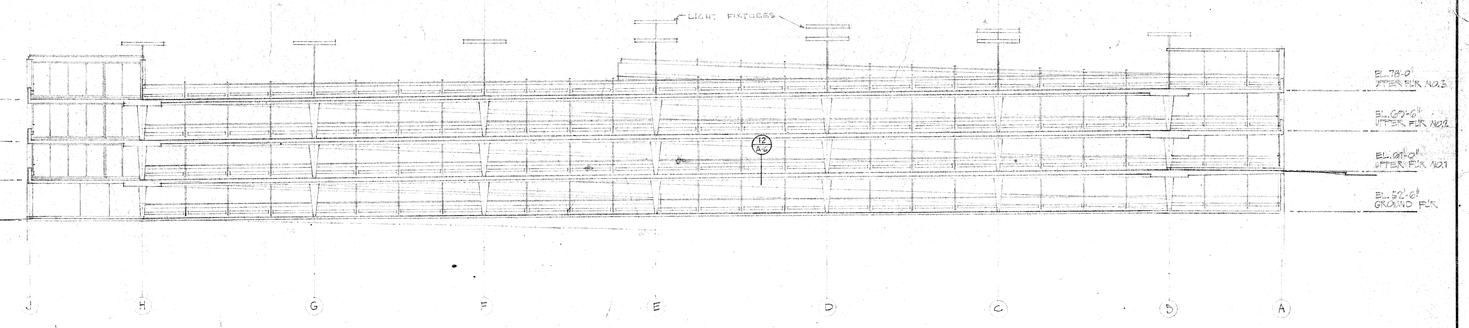
DRAWN B.T.
TRACED
CHECKED
JOB 5715
DATE 4-23-57

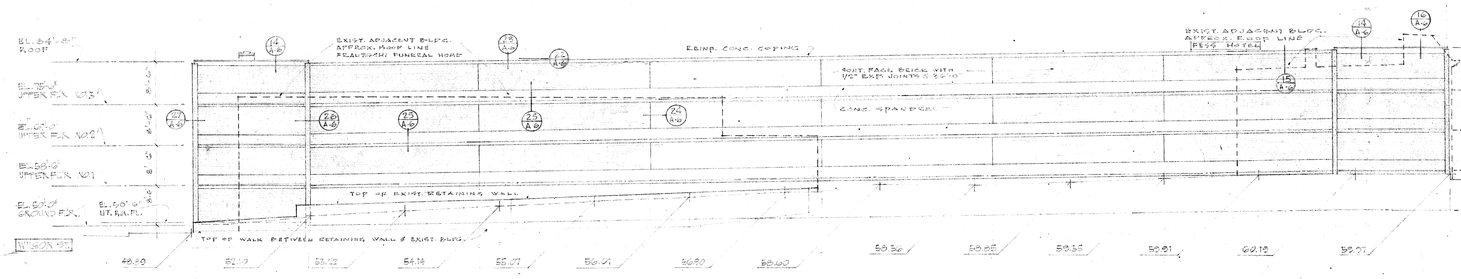
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

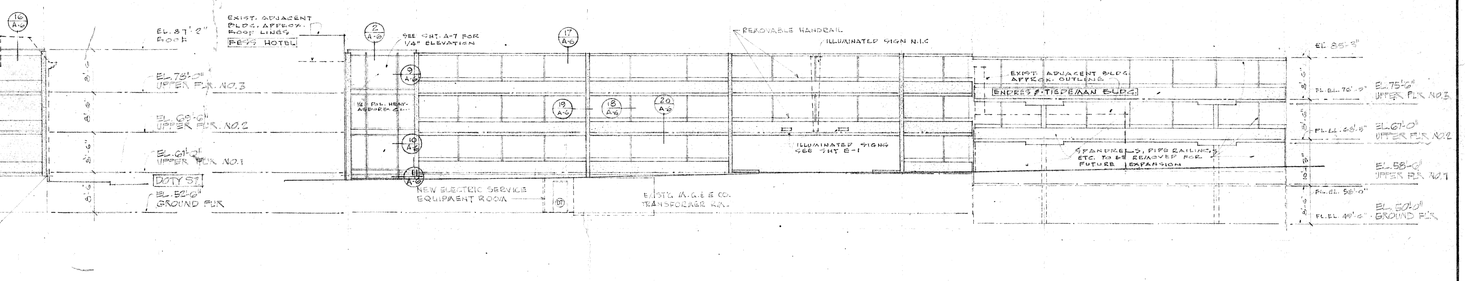
DETAILS

A-6 OF 12

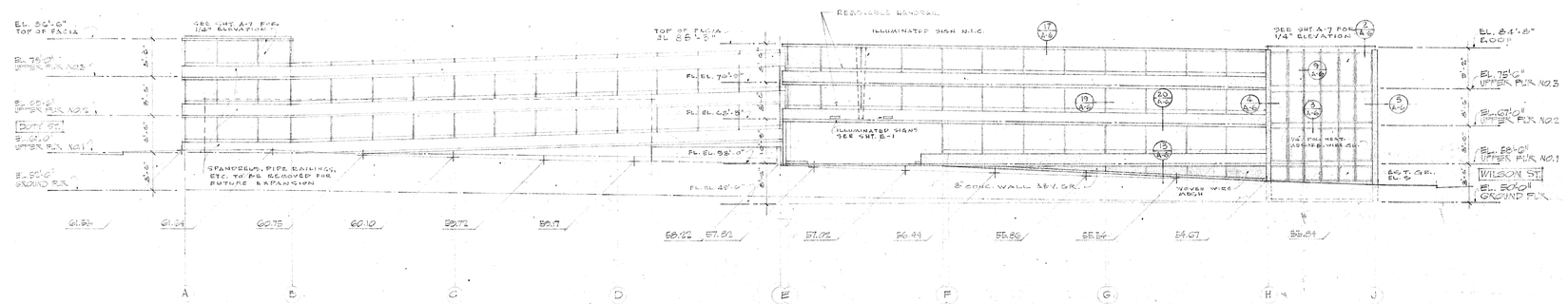


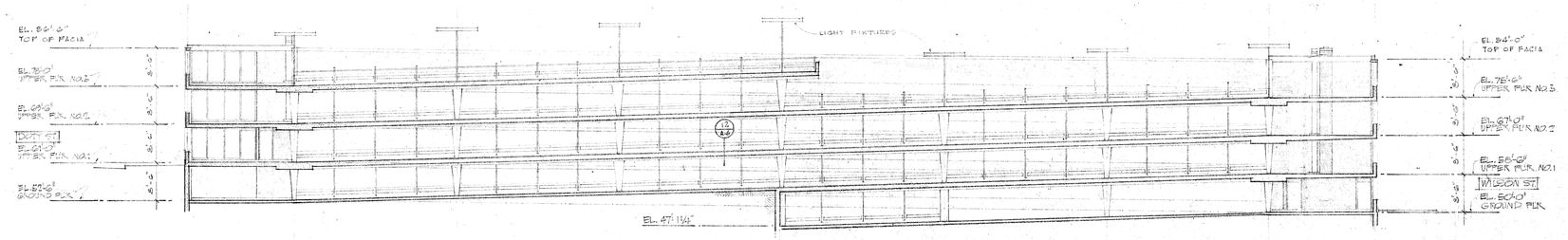


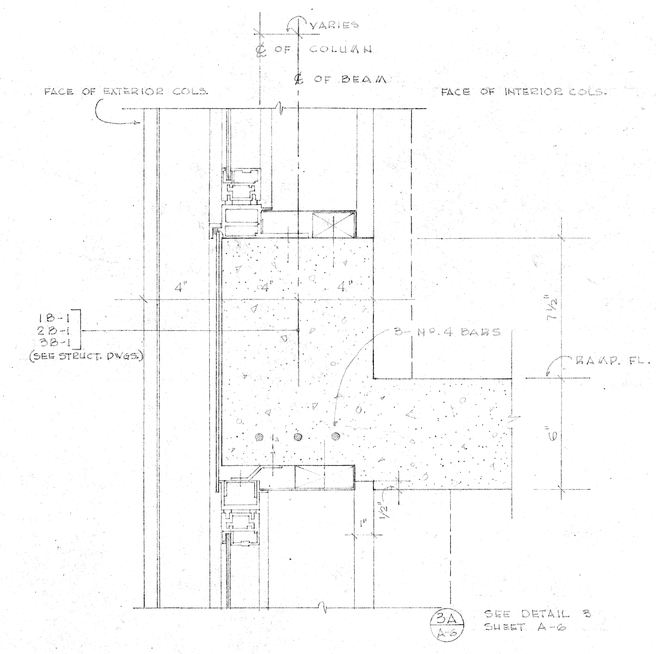




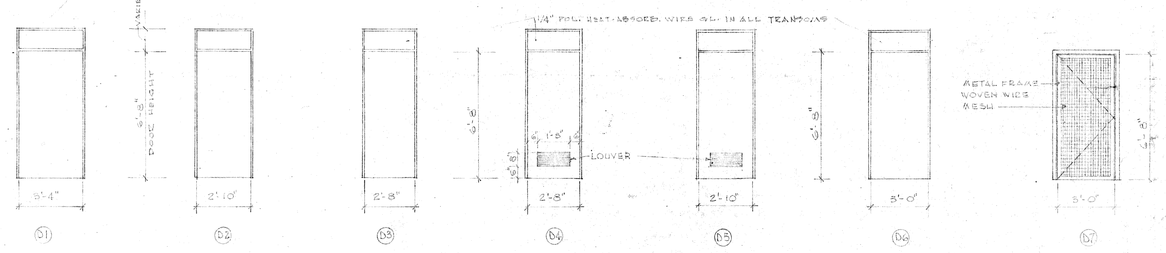
NOTES:
SEE SHEETS S-1 a, b & c FOR FOUNDATIONS AND FOOTINGS







DOOR SCHEDULE SCALE: 1/8" = 1'-0"



NOTE: ALL DOORS HOLLOW METAL DOORS - EXCEPT AS NOTED
ALL LOUVERS SHALL BE SIGHT PROOF
ALL DOOR TRANSOMS SHALL BE 1¼" POL. HEAT-ABSORB. WIRE GLASS

FINISHING SCHEDULE

NO.	ITEM	MATERIAL	FINISH	REMARKS
1 a	SPANDRELS	CONCRETE	SEE SPECS	
b	COLUMNS	CONCRETE	SEE SPECS	
c	FACIA	STEEL	3 CT. ENAMEL	
2	STAIR "A"			
a.	CEILING AT ROOF	STEEL	3 CT. ENAMEL	
b	FACIA B.A.C. & L.	STEEL	3 CT. ENAMEL	
c.	DOORS	STEEL	3 CT. ENAMEL	SIGNS SEE SH. E-1
d.	STAIR RAILING	STEEL	3 CT. ENAMEL	
3	MEN'S TOILET NO. 1	CONC. CEILING	2 PT.	
4.	WOMEN'S TOILET NO. 1	CONC. CEILING	2 PT.	
5	WOMEN'S TOILET NO. 2	CONC. CEILING	2 PT.	
6.	MEN'S TOILET NO. 2	CONC. CEILING	2 PT.	ALL EQUIPMENT TO BE PAINTED AS DIRECTED

NO	ITEM	MATERIAL	FINISH	REMARKS
7	STAIR "B" SAME AS "A"			
8	PARKING METER STANDARDS		PRE-FINISHED	
a	EXTERIOR CURB	STEEL	3 CT. ENAMEL	
b	INTERIOR CURB	STEEL	3 CT. ENAMEL	
9	VERTICAL STANDARDS	STEEL	3 CT. ENAMEL	
a	EXTERIOR CURB	STEEL	3 CT. ENAMEL	
b	INTERIOR CURB	STEEL	3 CT. ENAMEL	
10	INTERIOR RAILING	STEEL	3 CT. ENAMEL	
a	EXTERIOR CURB	STEEL	3 CT. ENAMEL	
b	INTERIOR CURB	STEEL	3 CT. ENAMEL	
11	UTILITY ROOM			ALL EQUIP. PAINTED AS DIRECTED

NO.	ITEM	MATERIAL	FINISH	REMARKS
12	WIRE GUARD	STEEL	3 CT. ENAMEL	
a	EXTERIOR	STEEL	3 CT. ENAMEL	
b	INTERIOR	STEEL	3 CT. ENAMEL	
13	WIRE GUARD FRAME	STEEL	3 CT. ENAMEL	
a	EXTERIOR	STEEL	3 CT. ENAMEL	
b	INTERIOR	STEEL		

NOTE/ SEE SPECIFICATIONS.

1. ALL EXPOSED METAL TO BE PAINTED EXCEPTING ALLUMINUM AND STAINLESS STEEL.
2. PARKING METERS - M.I.C. - TO BE FURNISHED AND INSTALLED BY OWNER.
3. SPECIAL FLOOR AND WALL MARKINGS AS SPECIFIED.
4. ALL EXPOSED MECHANICAL EQUIPMENT & PIPING TO BE PAINTED AS DIRECTED.
5. ALL EXPOSED CONCRETE FLOORS ABOVE ELEVATION 69'-6" (AT COLUMN LINE (D) ON CENTER RAMP) TO HAVE "JENNITE" COAT. FINISH. SEE ROOFING SPECIFICATIONS.

NO.	DESCRIPTION	BY	DATE
2	DETAIL 3A ADDED	RET	3/29/67
1	SECTION DESIGNATIONS	RET	3/15/67

REVISIONS

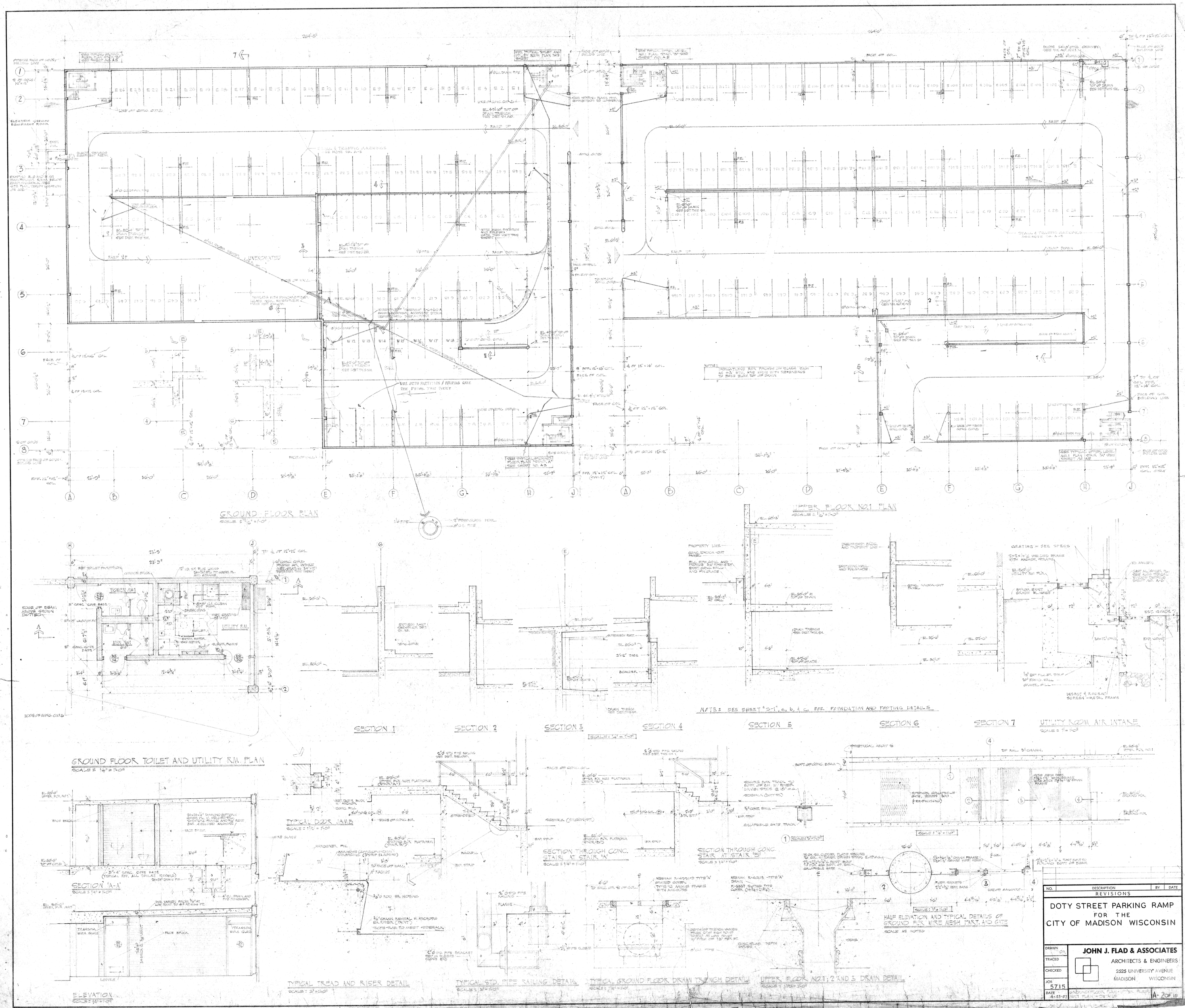
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN

DRAWN 3-6-67 RET
TRACED
CHECKED
JOB 5715
DATE 4-28-67

JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN

ELEVATIONS & SECTIONS

A-4 OF 18


GROUND FLOOR PLAN
UPPER FLOOR NO.1 PLAN
GROUND FLOOR TOILET AND UTILITY RM. PLAN
SECTION 1
SECTION 2
SECTION 3
SECTION 4
SECTION 5
SECTION 6
SECTION 7
UTILITY ROOM AIR INTAKE
SECTION "A-A"
ELEVATION
TYPICAL DOOR JAMB
SECTION THROUGH CONC. STAIR AT STAIR "A"
SECTION THROUGH CONC. STAIR AT STAIR "B"
HALF ELEVATION AND TYPICAL DETAILS OF GROUND FLOOR WIRE MESH PART. AND GATE
TYPICAL TREAD AND RISER DETAIL
TYPICAL STD. PIPE RAILING DETAIL
TYPICAL GROUND FLOOR DRAIN TRENCH DETAIL
UPPER FLOOR NO.1, 2 AND 3 DRAIN DETAIL
NOTES: SEE SHEET "S-1" a, b, & c. FOR FOUNDATION AND FOOTING DETAILS
WOMEN NO.1
MEN NO.1
UTILITY RM.
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON WISCONSIN
JOHN J. FLAD & ASSOCIATES
ARCHITECTS & ENGINEERS
2525 UNIVERSITY AVENUE
MADISON WISCONSIN
DRAWN
TRACED
CHECKED
JOB 5715
DATE 4-23-57
A-2 OF 19