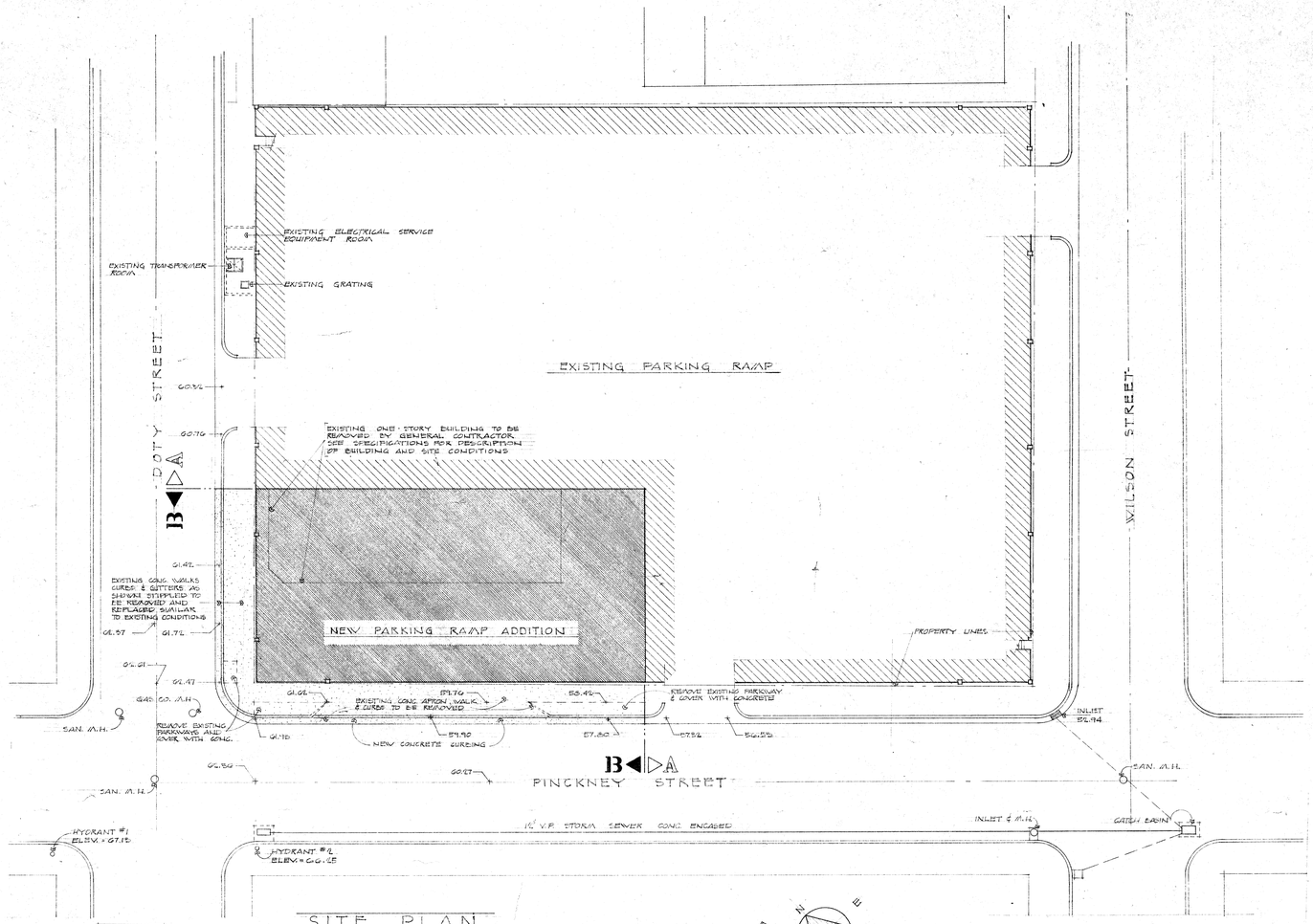
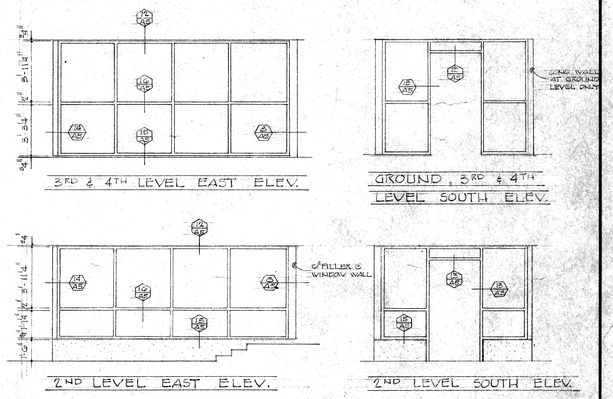
Doty St. Ramp
Crane Madison

EXHIBIT H

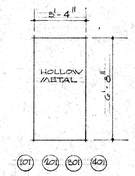


SITE PLAN
SCALE : 1" = 20'

NOTES
BENCHMARKS:
HYDRANT #1 = 67.12'
HYDRANT #2 = 66.25'



HOLLOW METAL FRAMES
SCALE : 4" = 1'-0"



DOOR TYPE

ADDITION TO DOTY STREET PARKING RAMP

FOR THE

CITY OF MADISON WISCONSIN

APPROVED BY: COMMON COUNCIL DECEMBER 22, 1964 (CITY CLERK)
APPROVED BY: BOARD OF PUB. WORKS DECEMBER 8, 1964 (CHF. OF PUB. WKS.)
APPROVED BY: PARKING UTILITY DECEMBER 21, 1964 (SECRETARY)
APPROVED BY: PLAN COMMISSION DECEMBER 21, 1964 (SECRETARY)

MATERIAL SYMBOLS	LEGEND
EARTH	PROPERTY LINE
CONCRETE	EXISTING ELEVATIONS
DRAINAGE FILL	NEW ELEVATIONS
WOOD	▷A EXISTING CONSTRUCTION
STEEL	▶B NEW CONSTRUCTION
ALUMINUM	
RIGID INSULATION	

INDEX TO DRAWINGS

NO.	SHT.	DESCRIPTION	NO.	SHT.	DESCRIPTION	NO.	SHT.	DESCRIPTION
1	A-1	SITE PLAN	6	S-1	FOUNDATION PLAN	10	P-1	PLUMBING PIPING
2	A-2	GROUND FL PLAN & ELEVATIONS	7	S-2	2ND & 3RD LEVEL FRAMING PLAN	10	HV-1	RAMP RADIANT COIL DETAIL
3	A-3	2ND LEVEL PLAN & SECTIONS	8	S-3	4TH LEVEL PLAN & SLAB DETAILS			
4	A-4	3RD LEVEL PLAN & STAIR DETAILS	9	S-4	SCHEDULES & RAMP DETAILS	11	E-1	GROUND & 2ND LEVEL ELECT. PLANS
5	A-5	4TH LEVEL PLAN & DETAILS				12	E-2	3RD & 4TH LEVEL ELECT. PLANS

WISCONSIN THOMAS H. FLAD MADISON ARCHITECT

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed architect under the laws of the State of Wisconsin.

Thomas H. Flad
Date 12-30-64 Reg. No. 1820

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

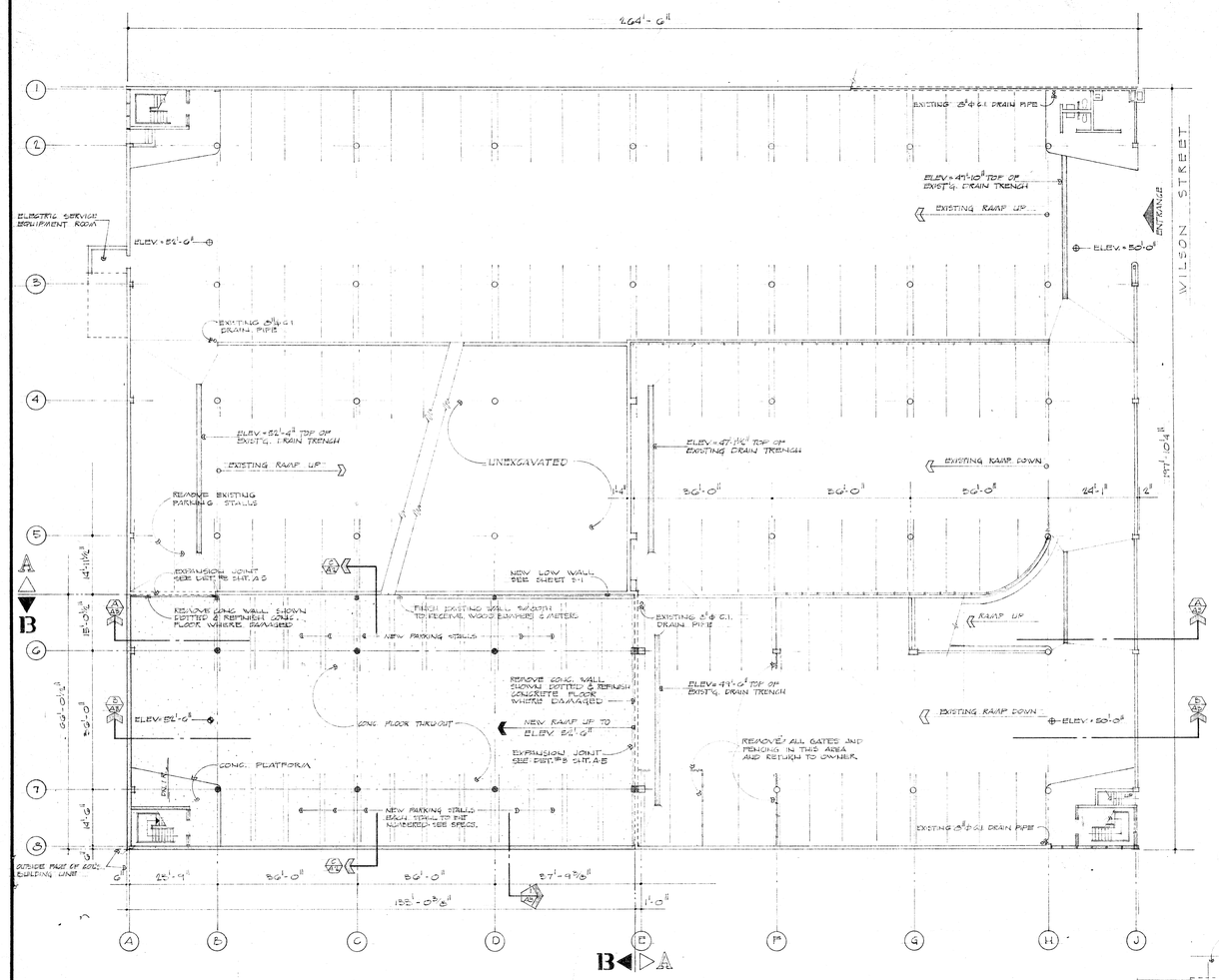
ADDITION TO DOTY STREET PARKING RAMP FOR THE CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

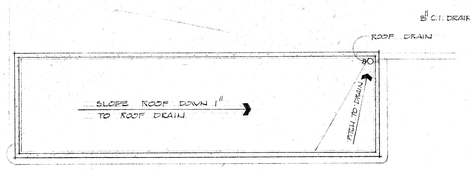
DRAWN D.M.
JOB NO. 6476
DATE 12-23-64
12 SHEETS
A-1

SITE PLAN

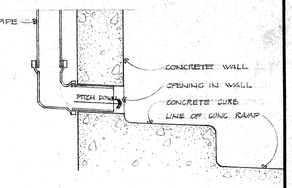
1



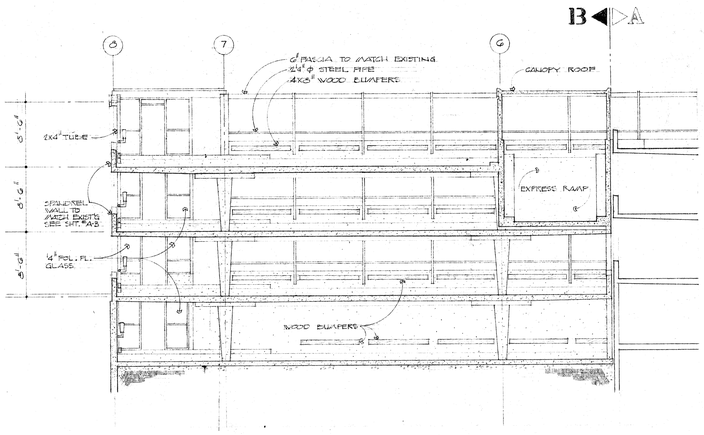
GROUND FLOOR PLAN
SCALE: 1/16" = 1'-0"



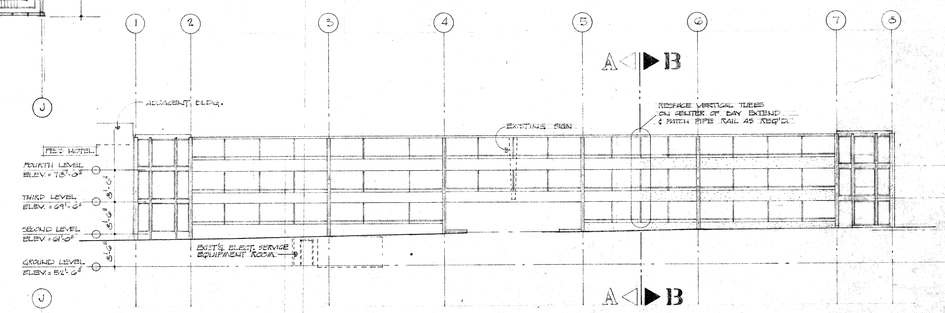
CANOPY ROOF PLAN
SCALE: 1/8" = 1'-0"



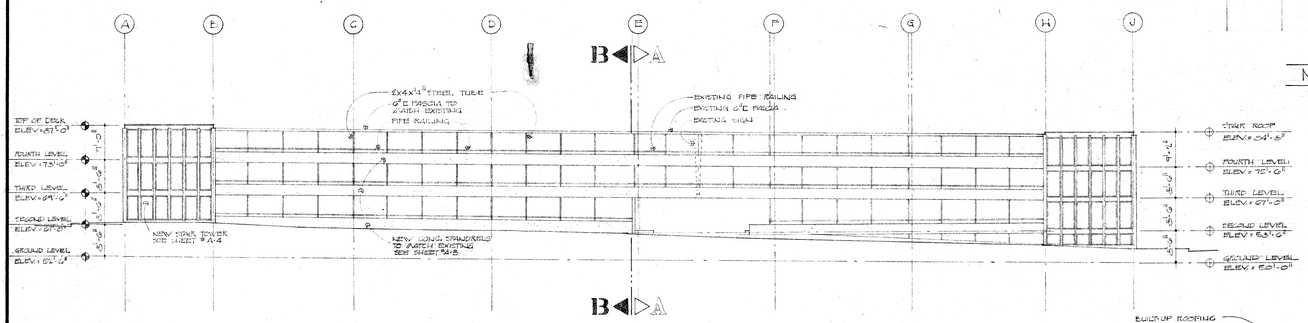
4. CANOPY DRAIN PIPE OUTLET
SCALE: 1½" = 1'-0"



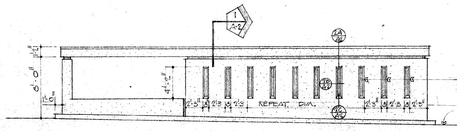
SECTION "C-C"
SCALE: 1/8" = 1'-0"



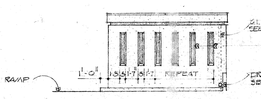
NORTH ELEVATION (DOTY STREET)
SCALE: 1/16" = 1'-0"



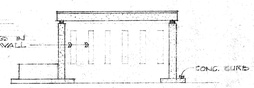
WEST ELEVATION (PINCKNEY STREET)
SCALE: 1/16" = 1'-0"



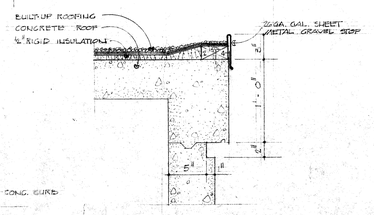
CANOPY WEST ELEVATION
(EAST ELEVATION SIMILAR - OPPOSITE)
SCALE: 1/8" = 1'-0"



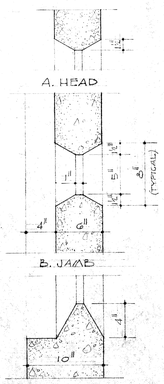
CANOPY SOUTH ELEV.



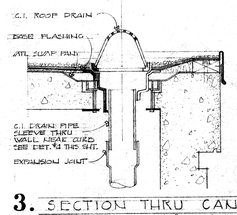
CANOPY NORTH ELEV.



1. TYPICAL SECTION THRU CANOPY
SCALE: 1½" = 1'-0"



2. SECTIONS THRU CANOPY OPENINGS
SCALE: 1½" = 1'-0"



3. SECTION THRU CANOPY DRAIN
SCALE: 1½" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

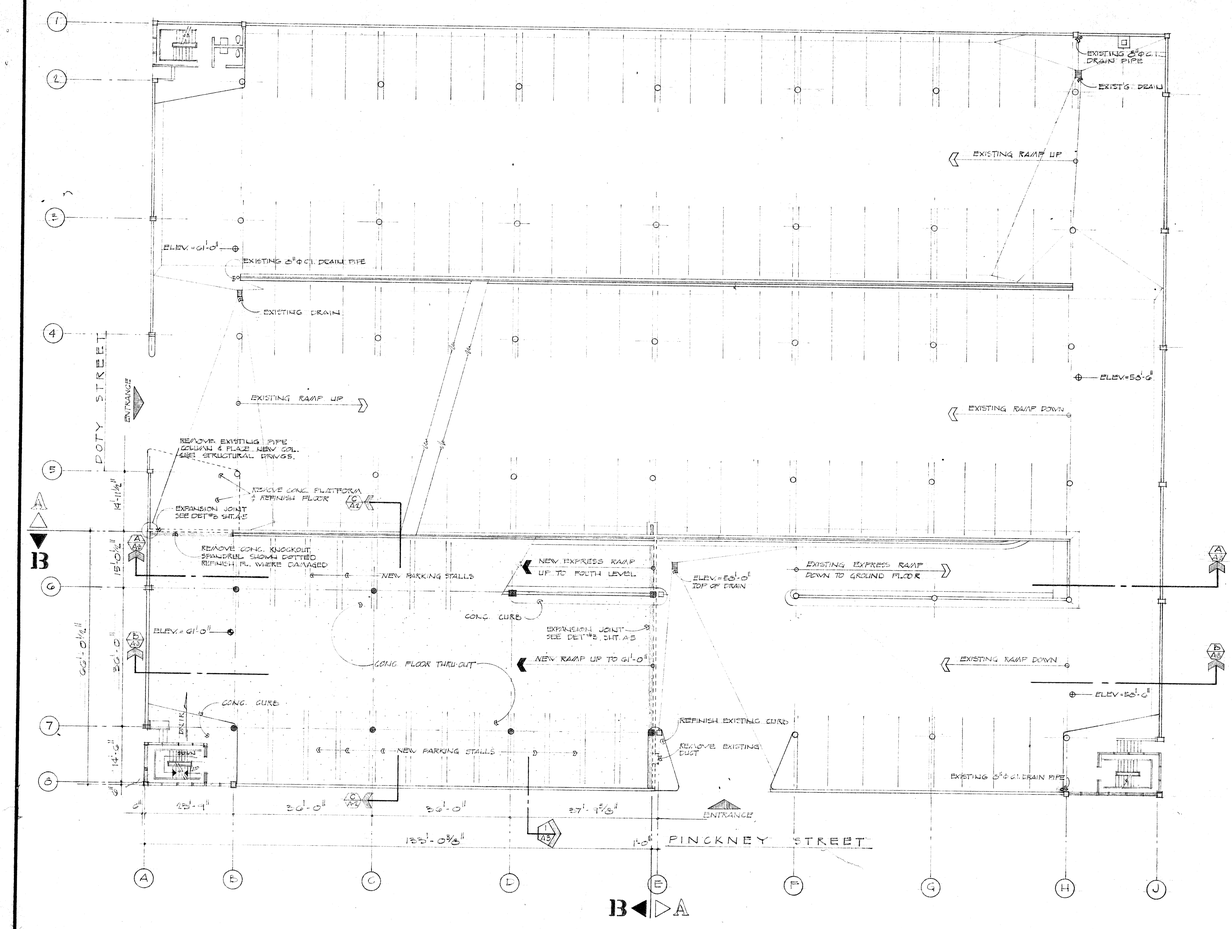
ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

DRAWN D.M.
JOB NO. 6472
DATE 12-20-04
12 SHEETS
A-2

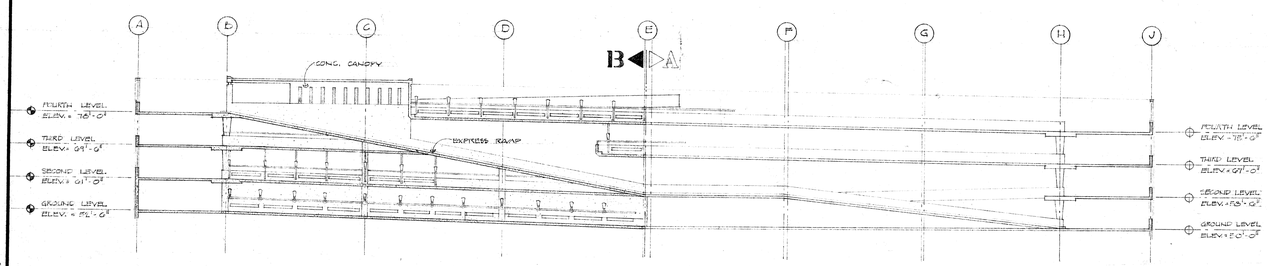
GROUND FLOOR PLAN & ELEVATIONS

2



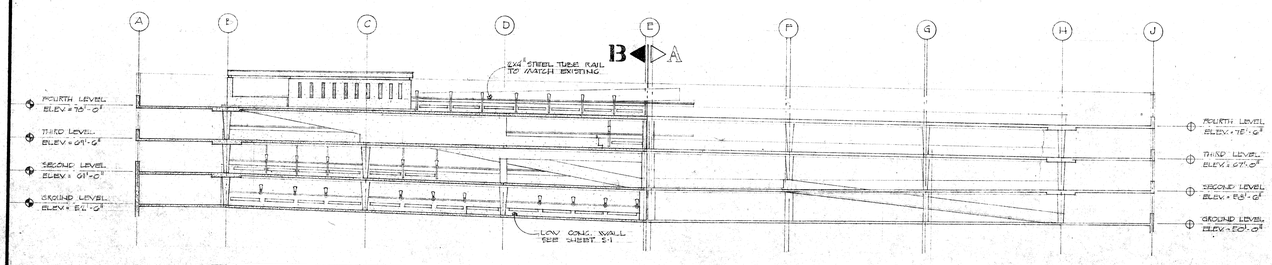
SECOND LEVEL PLAN

SCALE : 1/16" = 1'-0"



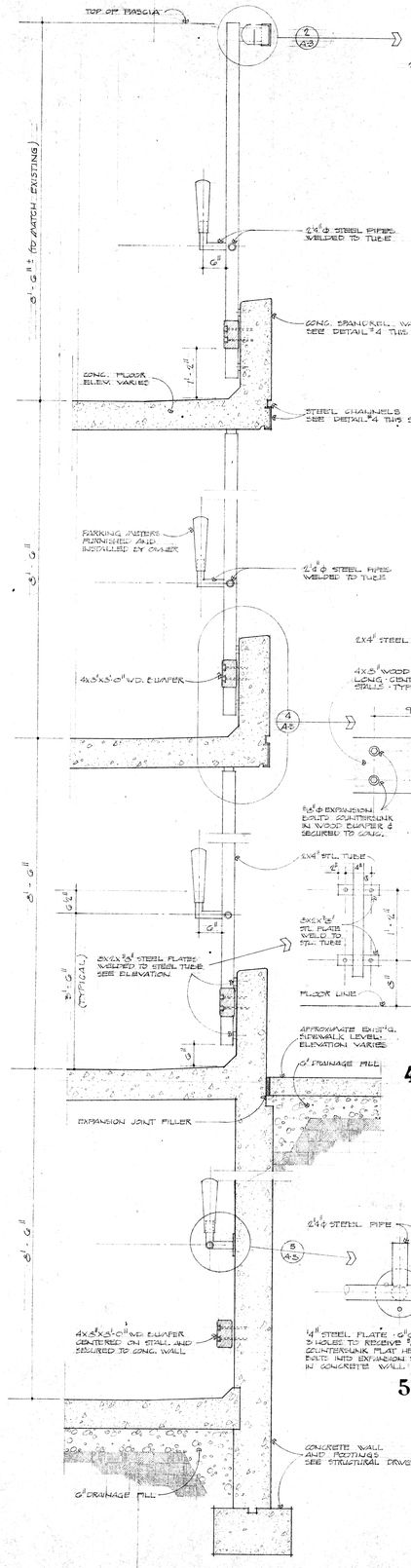
SECTION "A-A" THRU EXPRESS RAMP

SCALE : 1/16" = 1'-0"



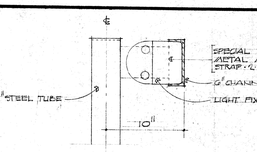
SECTION "B-B"

SCALE : 1/16" = 1'-0"



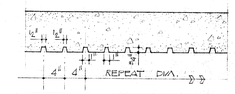
1. WALL SECTION

SCALE : 3/4" = 1'-0"

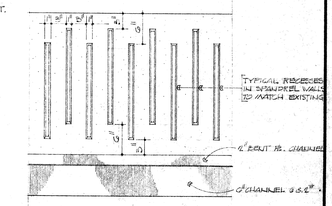


2. FASCIA DETAIL

SCALE : 1/2" = 1'-0"

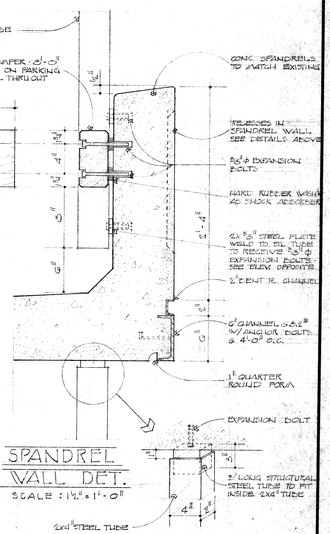


PLAN SECTION



3. SPANDREL ELEVATION

(TYPICAL)



4. SPANDREL WALL DET.

SCALE : 1/2" = 1'-0"

5. PIPE DETAILS

SCALE : 1/2" = 1'-0"

NO.	DESCRIPTION	BY	DATE
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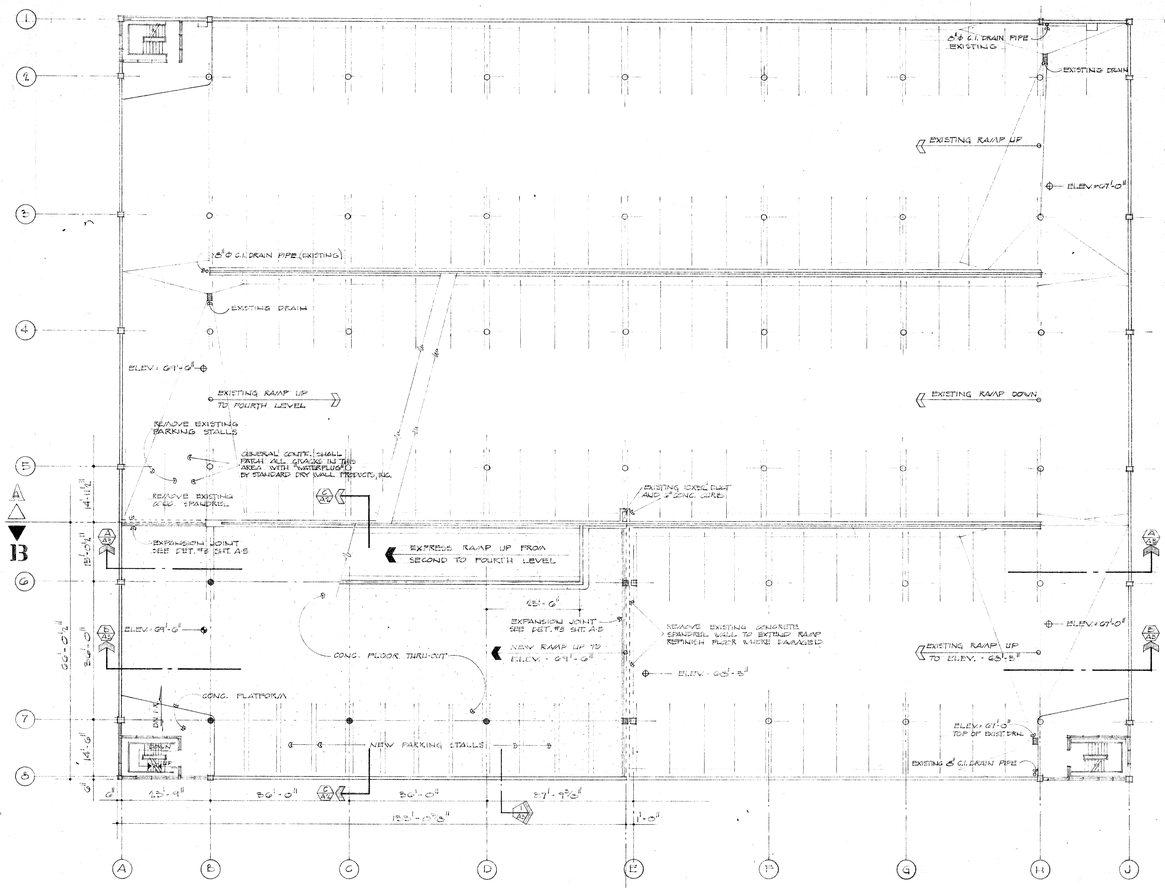
ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

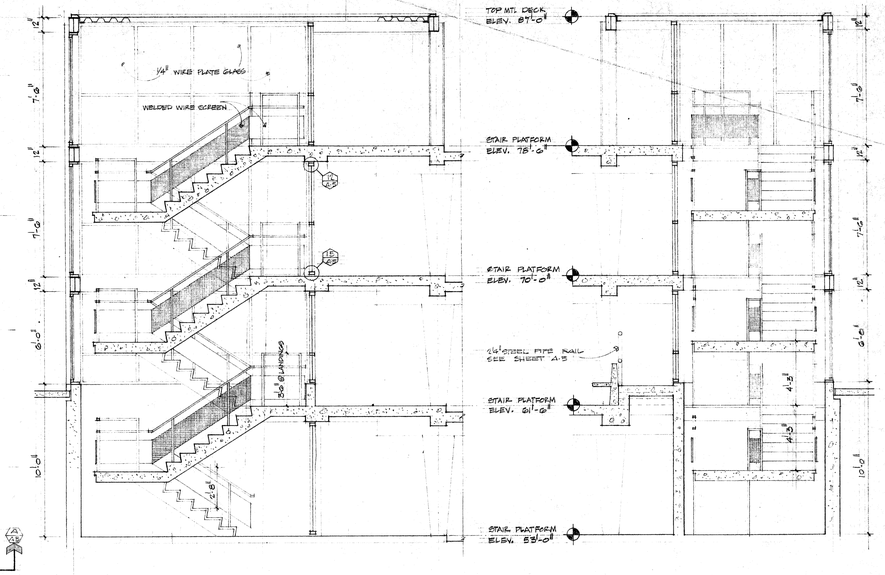
DRAWN: D.M.
JOB NO. 0476
DATE 12-30-04
SHEETS A-3

2ND LEVEL PLAN & SECTIONS

3

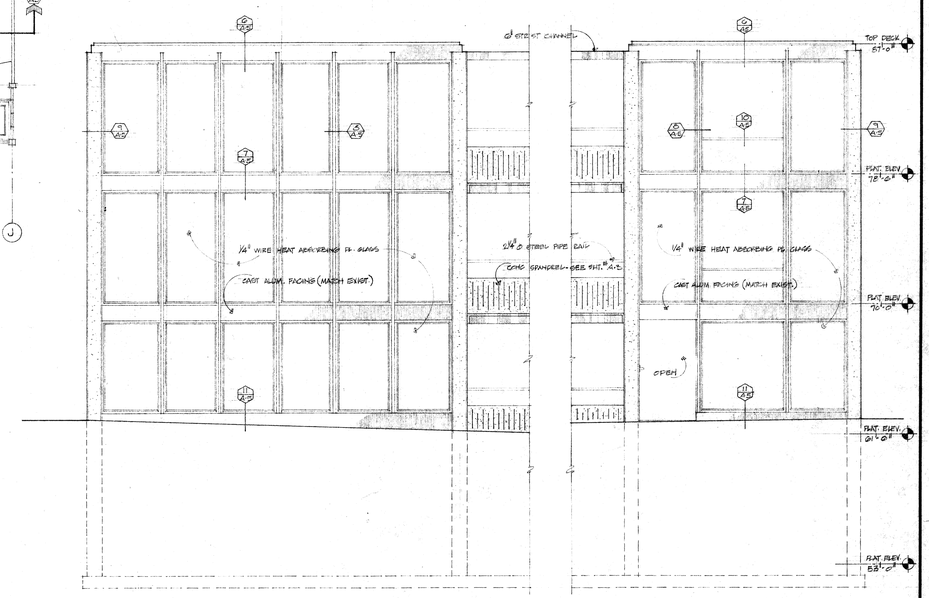


THIRD LEVEL PLAN
SCALE: 1/16" = 1'-0"



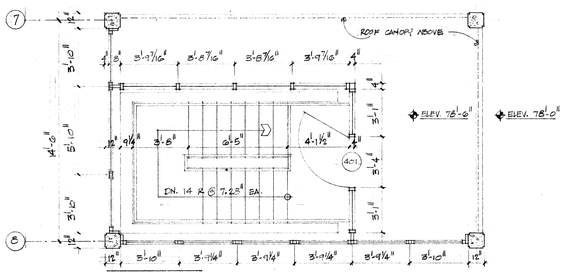
STAIR SECTION "D-D"
SCALE 1/4" = 1'-0"

STAIR SECTION "E-E"
SCALE 1/4" = 1'-0"

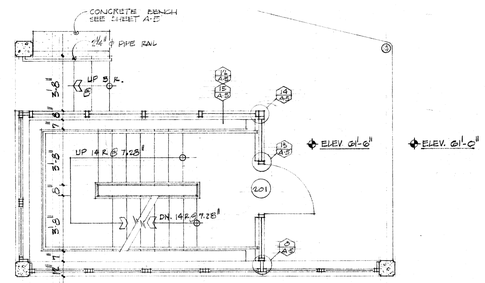


PARTIAL WEST ELEVATION (PINCKNEY STREET)
SCALE 1/4" = 1'-0"

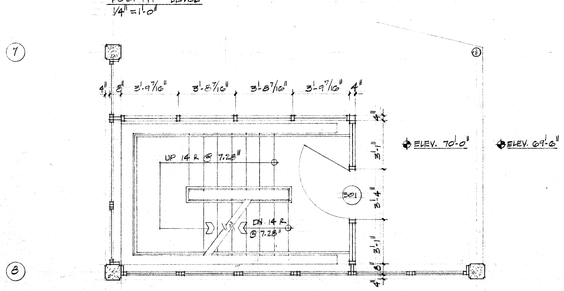
PARTIAL NORTH ELEVATION (DOTY STREET)
SCALE 1/4" = 1'-0"



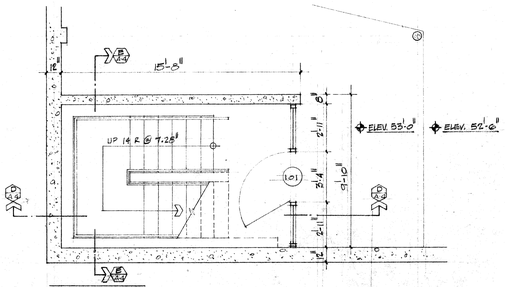
FOURTH LEVEL
1/4" = 1'-0"



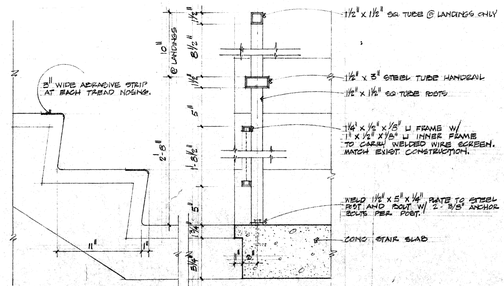
SECOND LEVEL
1/4" = 1'-0"



THIRD LEVEL
1/4" = 1'-0"



GROUND LEVEL
1/4" = 1'-0"



STAIR & HANDRAIL DETAILS
1 1/2" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

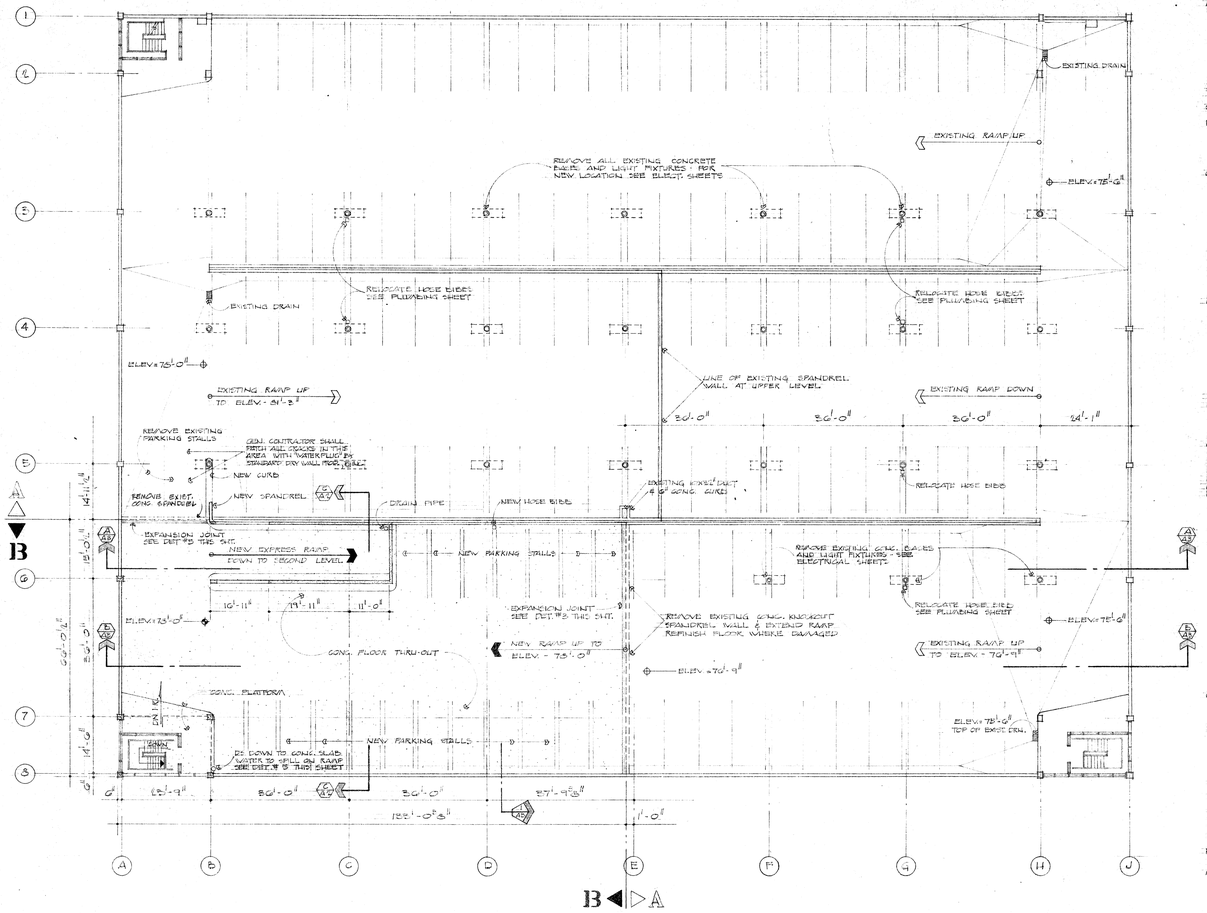
ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

DRAWN: D.M. GMJ
JOB NO.: 6416
DATE: 12-30-64
SHEETS: 12
A-4

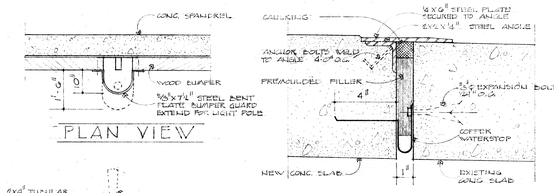
THIRD LEVEL PLAN & STAIR DETAILS

4



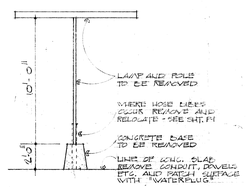
FOURTH LEVEL PLAN

SCALE : 1/16" = 1'-0"



3. EXPANSION JOINT

SCALE : 3" = 1'-0"

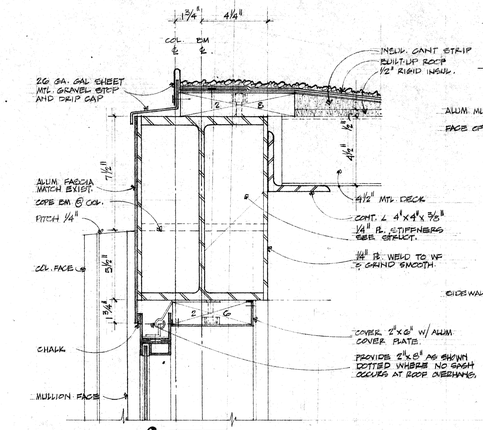


4. EXISTING LAMP & POST

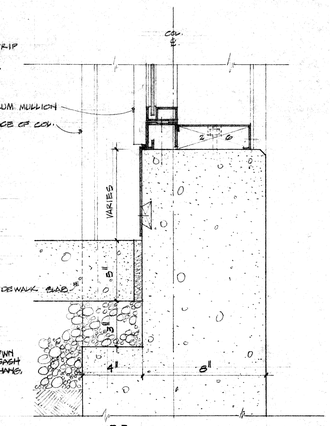
NO SCALE.

GENERAL NOTES !

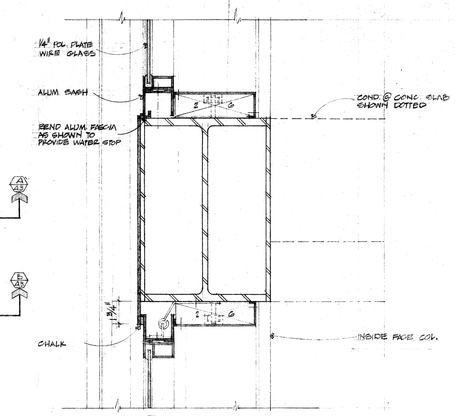
- REMOVE ALL EXISTING CONC. BASES, LIGHT FIXTURES & HOSE BIBBS AS SHOWN ON THIS SHEET. FOR NEW LOCATIONS AND OTHER INFORMATION SEE ELECTRICAL AND PLUMBING SHEETS
- WHERE CONCRETE WALLS ARE REMOVED AT EXISTING PARKING STALLS, REMOVE ALL METERS AND WALL MOUNTINGS AND RETURN TO OWNER.
- REMOVE EXISTING METERS FROM 2"x4" STEEL TUBING WHERE LIGHT POLES OCCUR AND WELD TO LIGHT POLES AT NEW LOCATIONS - SEE ELECTRICAL SHEETS.



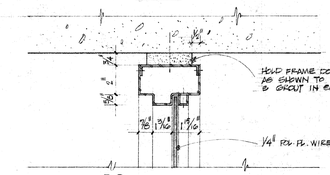
6. HEAD



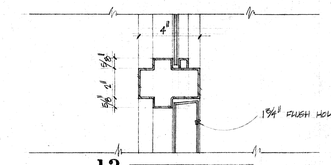
11. SILL



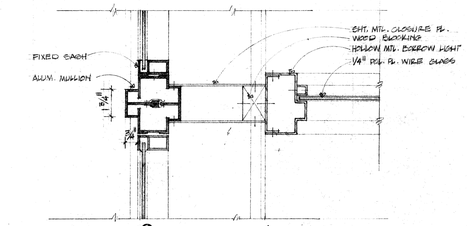
7. SILL



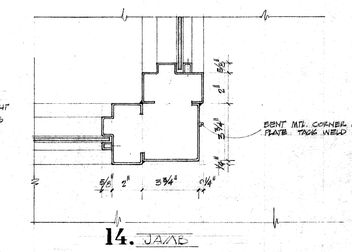
12. HEAD & JAMB



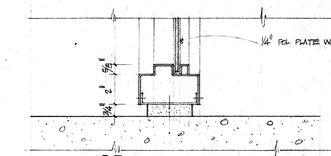
13. HEAD & JAMB



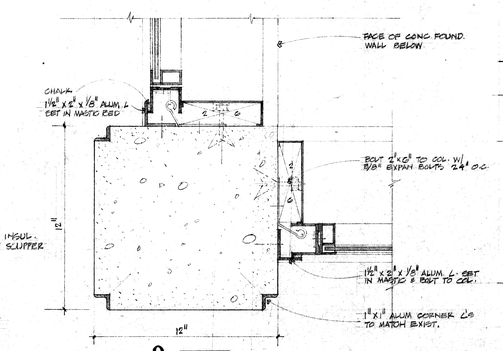
8. JAMB



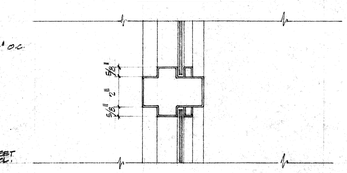
14. JAMB



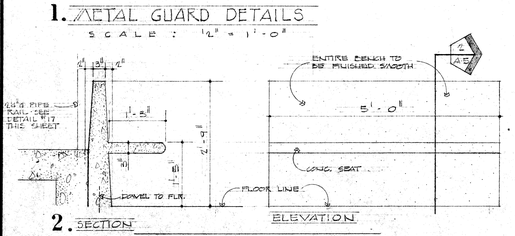
15. SILL & JAMB



9. JAMB



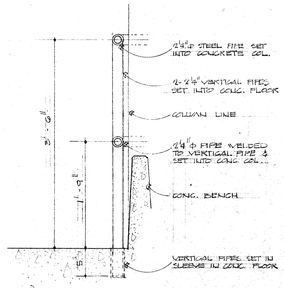
16. JAMB



2. SECTION

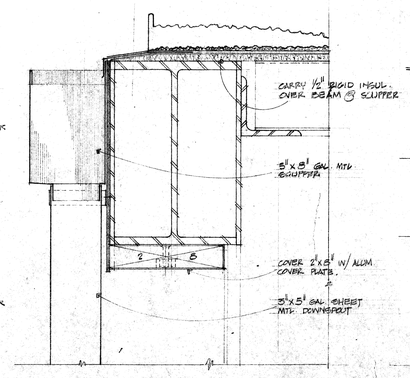
CONCRETE BENCH

SCALE : 3/4" = 1'-0"

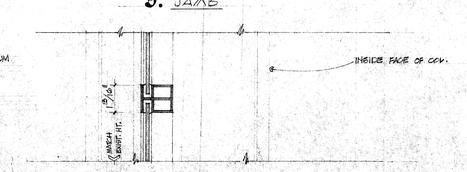


17. HANDRAIL DETAIL

SCALE : 1" = 1'-0"



5. SECTION THRU SCUPPER



10. HORIZONTAL BAR

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

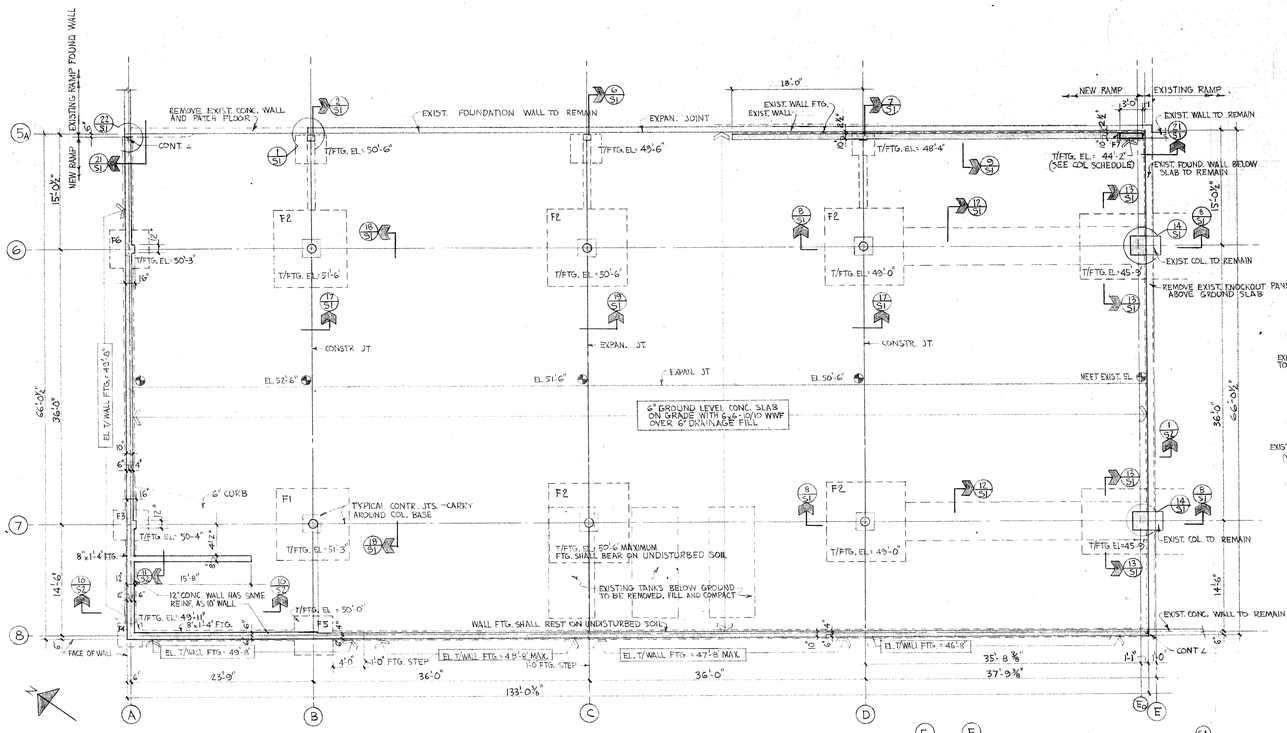
ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

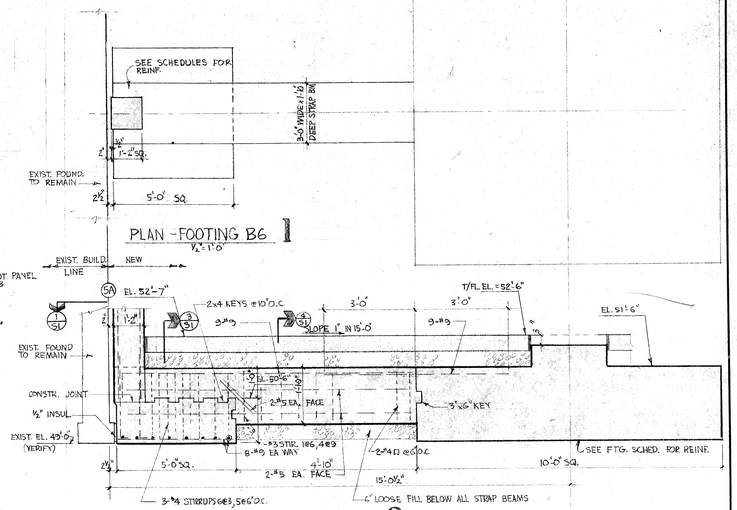
DRAWN D.M. PAN.
JOB NO. 6416
DATE 12-30-64
12 SHEETS
A-5

4th LEVEL PLAN & DETAILS

5

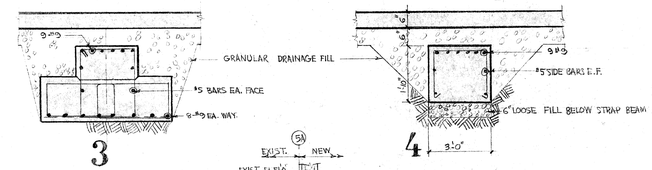


FOUNDATION PLAN
SCALE 1/8"=1'-0"



PLAN - FOOTING B6 1
1/2"=1'-0"

5A-B FOOTING & STRAP BEAM DETAILS 2
1/2"=1'-0"



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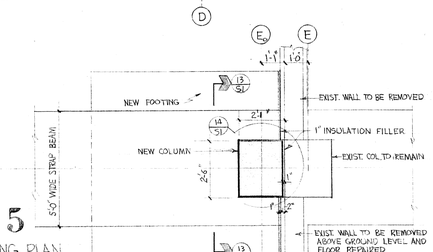
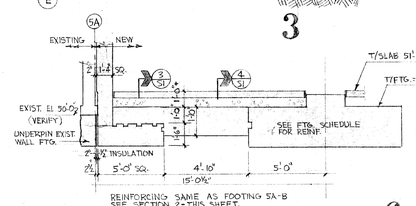
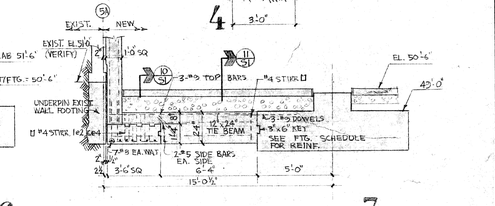


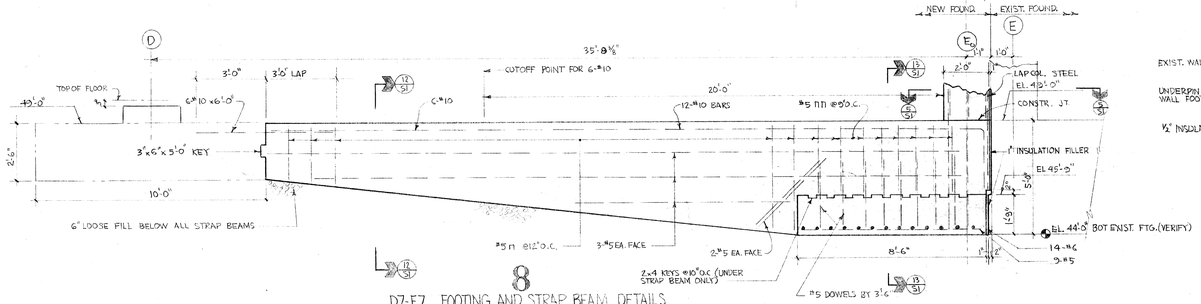
5 E7 FOOTING PLAN
SCALE 3/8"=1'-0"



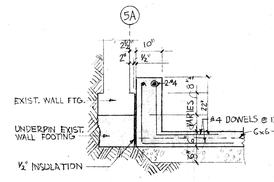
5A-C FOOTING & STRAP BEAM DETAILS 6



5A-D FOOTING & STRAP DETAILS 7



8 D7-E7 FOOTING AND STRAP BEAM DETAILS
SCALE 3/8"=1'-0"



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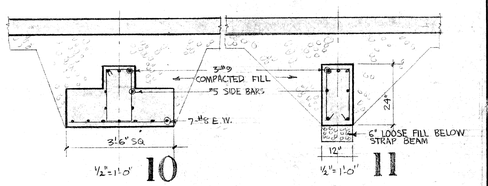

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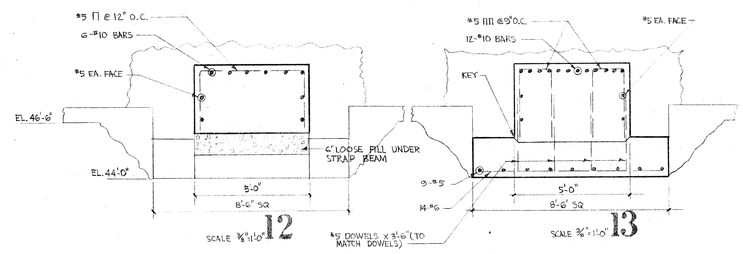

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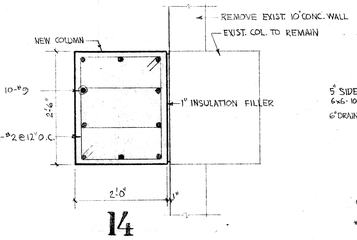
SCALE 3/8"=1'-0"



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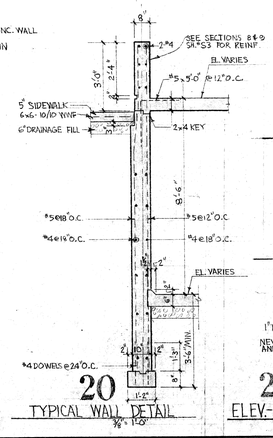
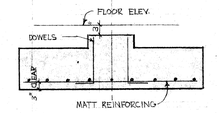
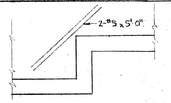


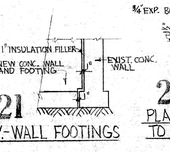
20 TYPICAL WALL DETAIL
3/8"=1'-0"



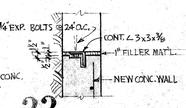
TYPICAL FOOTING - INTERIOR



TYPICAL WALL FOOTING STEP



21 ELEV.-WALL FOOTINGS

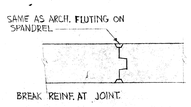


22 PLAN - NEW WALL CONN. TO EXIST. WALL

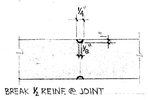
FOOTING SCHEDULE

FOOTING NUMBER	SIZE	THICKNESS	REINFORCING	REMARKS
F1	9'-6" SQ.	2'-3"	14-#9 BOT. EA. WAY	
F2	10'-0" SQ.	2'-6"	14-#9 BOT. EA. WAY	
F3	4'-8" SQ.	1'-4"	13-#5 BOT. EA. WAY	
F4	3'-0" SQ	11"	10-#4 BOT. EA. WAY	
F5	5'-0" SQ	1'-0"	13-#5 BOT. EA. WAY	
F6	5'-0" SQ.	1'-3"	13-#5 BOT. EA. WAY	
F7	1'-2" x 3'-4"	8"		

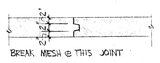
NOTE SEE DETAILS THIS SHEET FOR SPECIAL FOOTINGS



TYPICAL SPANDREL BEAM CONSTRUCTION JOINT 15

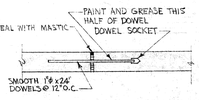


TYPICAL FOUND. WALL CONSTR. JOINT 16



TYPICAL FLOOR CONSTR. JOINT 17

TYPICAL FLOOR CONTRACTION JOINT 18



TYPICAL FLOOR EXPANSION JOINT 19

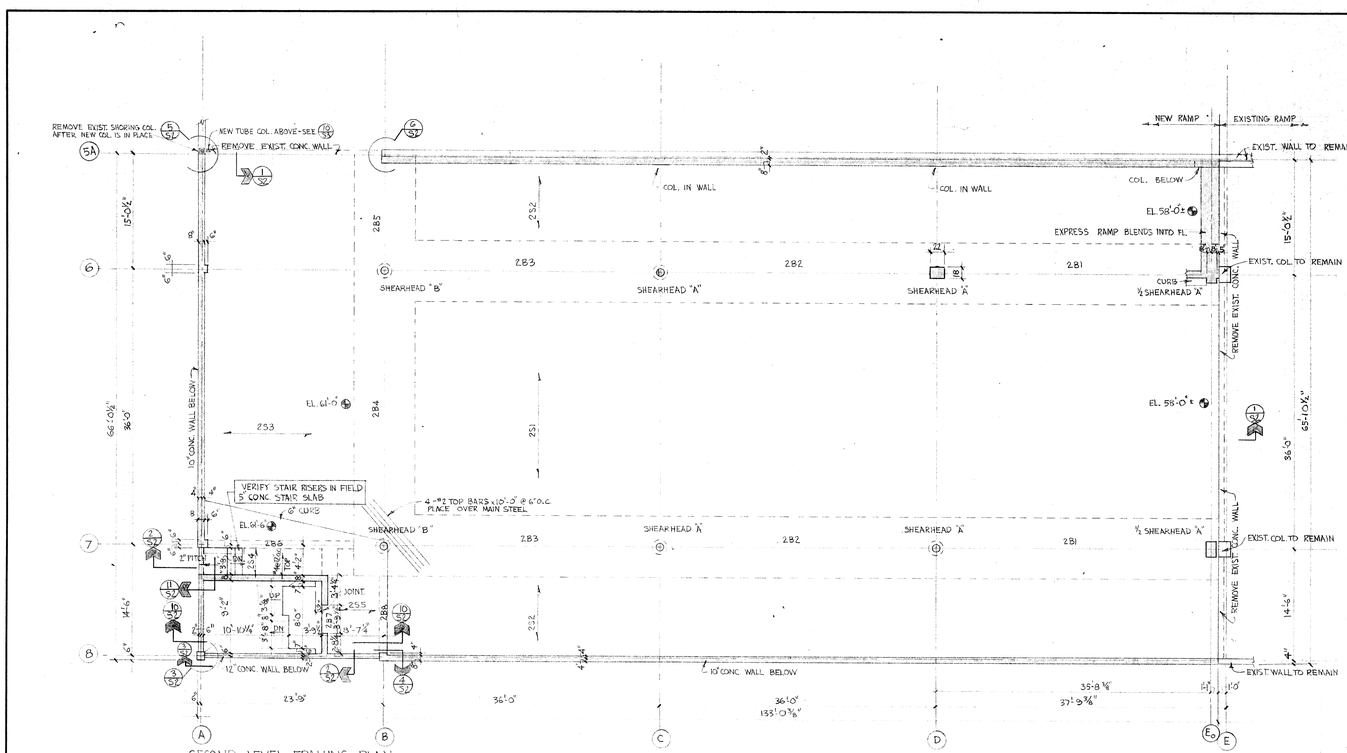
NO.	DESCRIPTION	BY	DATE
	REVISIONS		

ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

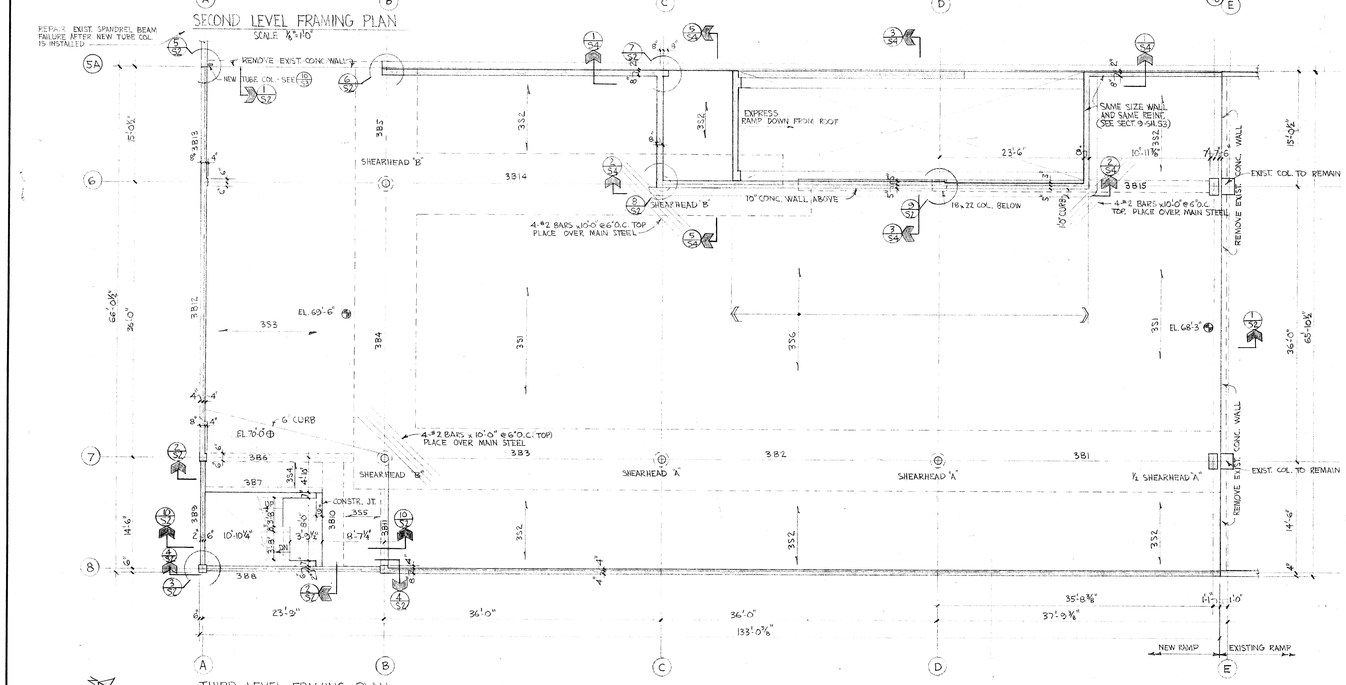
JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

DRAWN BEN
JOB NO. 64TG
DATE 12-20-68
12 SHEETS
S1

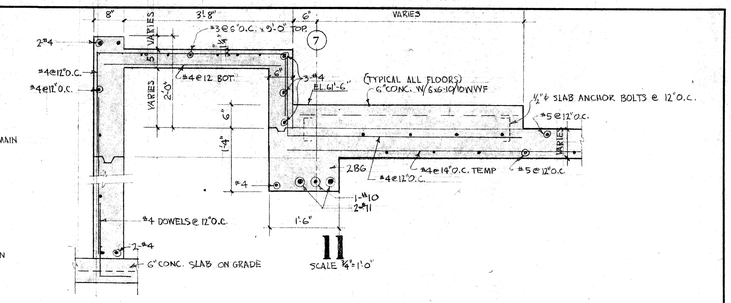
FOUNDATION PLAN
6



SECOND LEVEL FRAMING PLAN
SCALE ⅛"=1'0"



THIRD LEVEL FRAMING PLAN
SCALE ⅛"=1'0"



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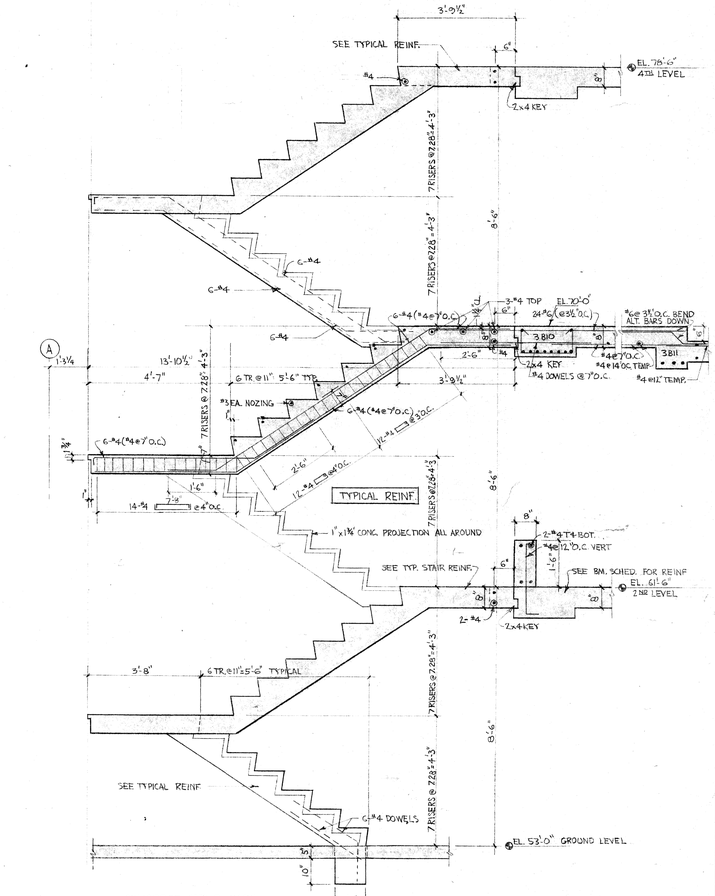
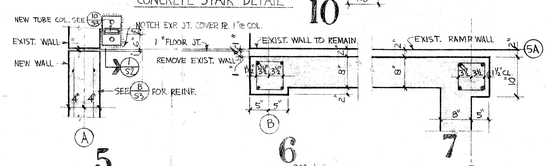
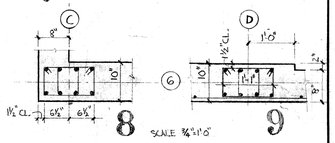


CONCRETE STAIR DETAIL
10



5 6 7

NOTE: CHAMFER COL. CORNERS
SCALE ¾"=1'0"



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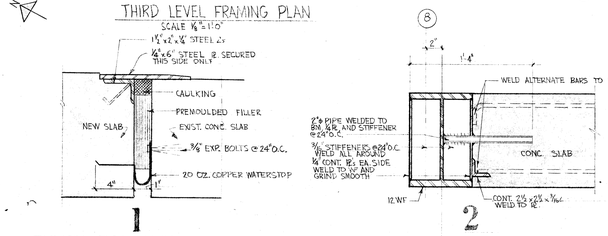
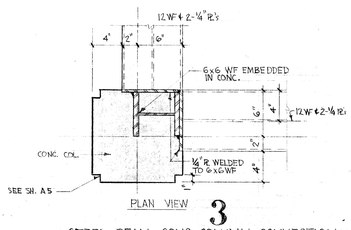
SCALE ¾"=1'0"

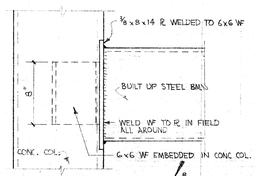


1 TYPICAL FLOOR EXPANSION JOINT

2



PLAN VIEW
3
STEEL BEAM - CONC. COLUMN CONNECTION



4
STEEL BEAM - CONC. COLUMN CONNECTION

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

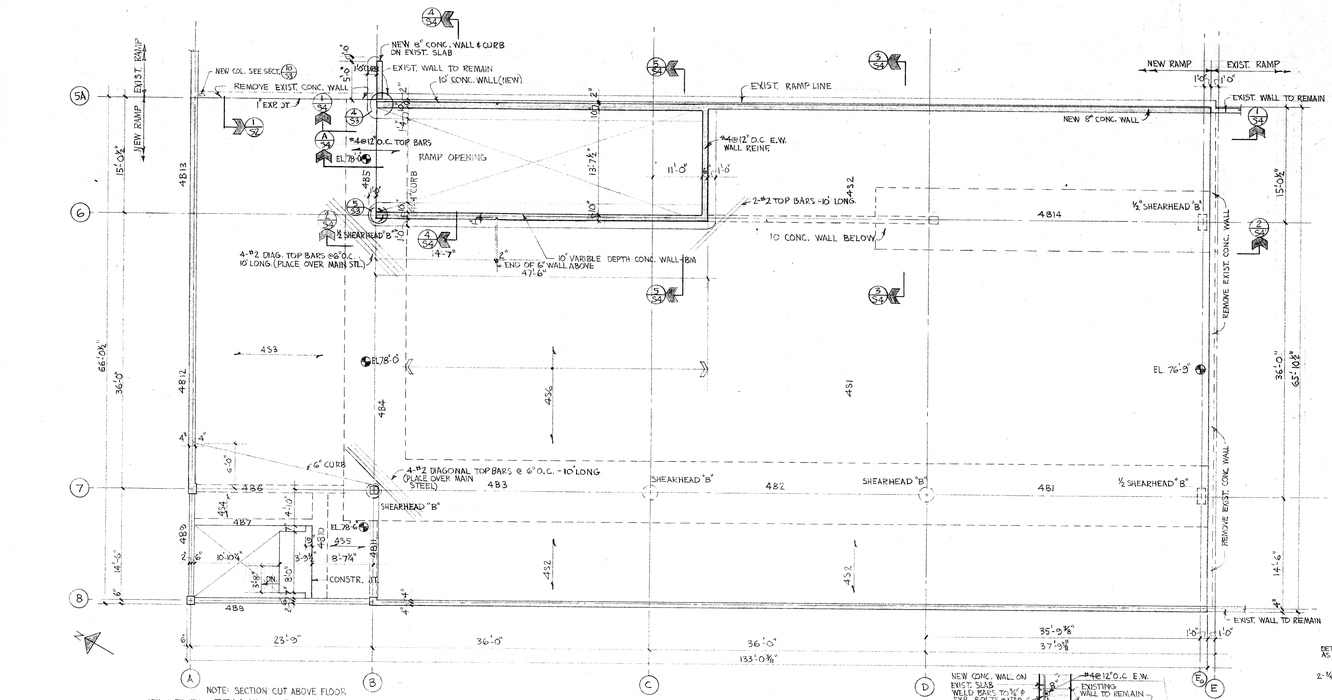
ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

DRAWN B.E.N.
JOB NO. 6476
DATE 12-30-64
12 SHEETS
S2

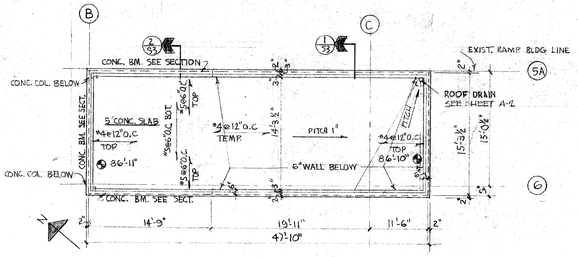
SECOND & THIRD RAMP LEVEL FRAMING PLANS

7

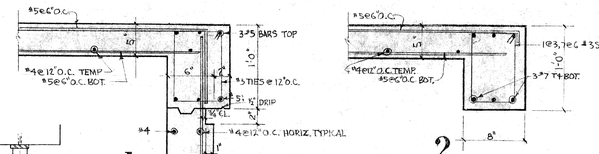


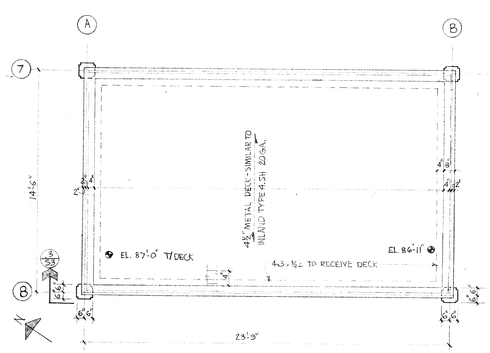
NOTE: SECTION CUT ABOVE FLOOR

4TH LEVEL FRAMING PLAN
1/8" = 1'-0"

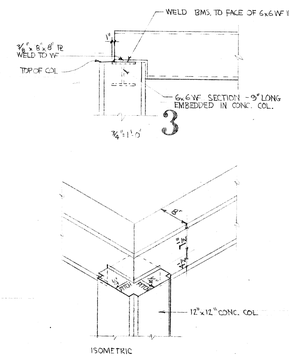


RAMP CANOPY FRAMING PLAN
1/8" = 1'-0"

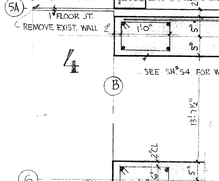


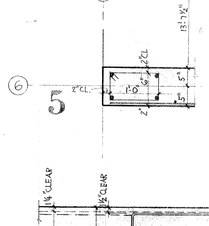


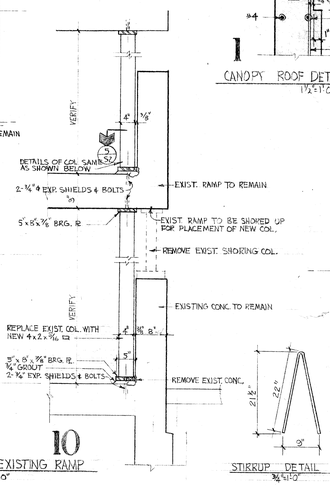
PLAN - STAIR ROOF FRAMING
1/4" = 1'-0"



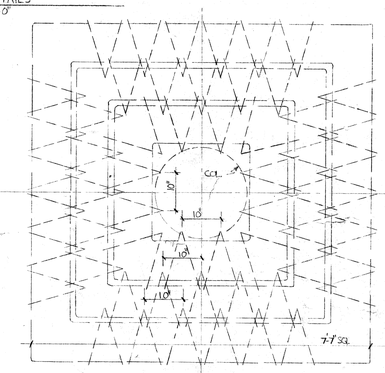
STAIR ROOF DETAILS



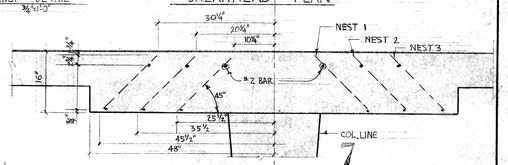




STIRRUP DETAIL
3/4" = 1'-0"



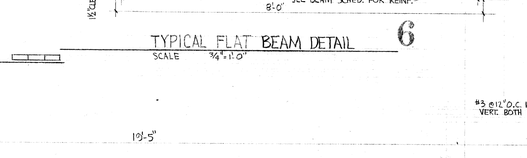
SHEARHEAD PLAN



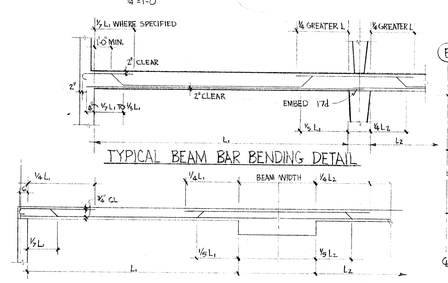
SHEARHEAD ELEVATION
3/4" = 1'-0"

SHEARHEAD TYPE	STIRRUP SIZE		
	NEST 1	NEST 2	NEST 3
A	12 - #4 REINF	20 - # 2 REINF.	24 - #4GA. WIRE
B	12 - #5 REINF.	20 - #3 REINF.	24 - #1GA. WIRE

NOTE: SEE BEAM SCHEDULE FOR LOCATION.

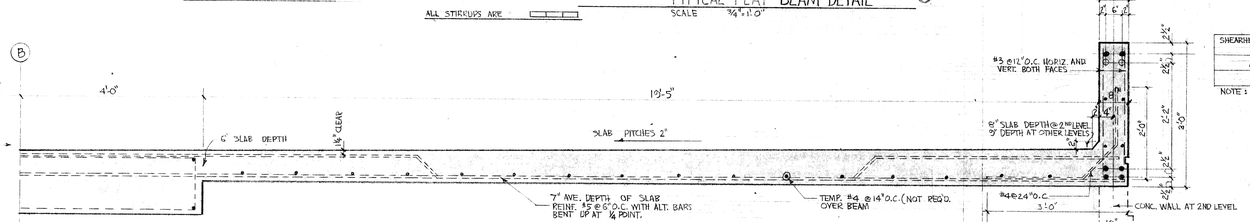


TYPICAL FLAT BEAM DETAIL 6
SCALE 3/4" = 1'-0"

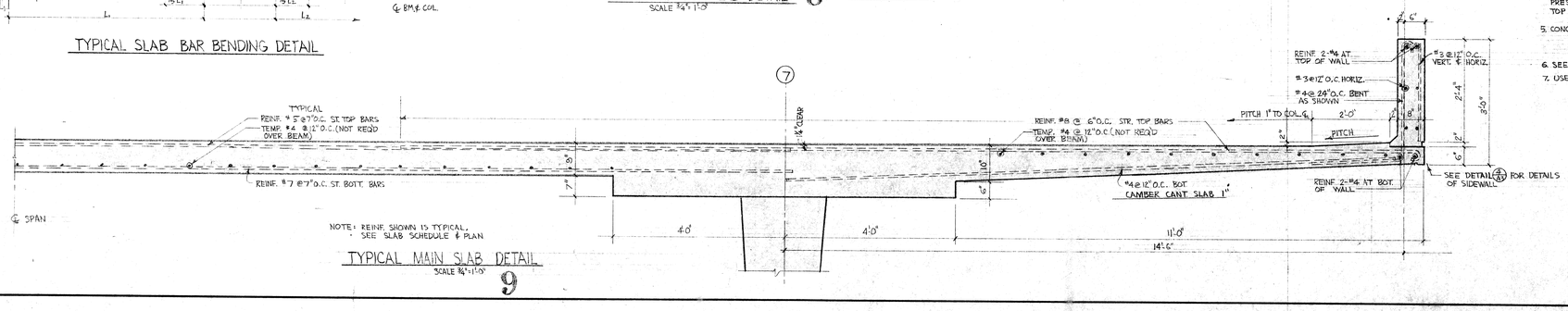


TYPICAL BEAM BAR BENDING DETAIL

TYPICAL SLAB BAR BENDING DETAIL



TYPICAL END SLAB DETAIL 8
SCALE 3/4" = 1'-0"
CAMBER SLAB ¾"



NOTE: REINF. SHOWN IS TYPICAL, SEE SLAB SCHEDULE & PLAN

TYPICAL MAIN SLAB DETAIL 9
SCALE 3/4" = 1'-0"

GENERAL NOTES

1. DESIGN LOADS (LIVE)

ROOF (STAIRWELL & CANOPY	30 PSF
4TH RAMP LEVEL	60 PSF
3RD & 2ND RAMP LEVELS	50 PSF
GROUND FLOOR	100 PSF
STAIRS	100 PSF

DESIGN STRESSES

STRUCTURAL STEEL	f_y = 36,000 PSI
REINFORCING STEEL	f_y = 60,000 PSI
CONCRETE - ROUND.	f'_c = 3,000 PSI
- BMS., SLABS, COLS.	f'_c = 4,000 PSI
SOIL BEARING CAPACITY	= 8000 PSF
(BRG. & ANALYSIS WITH ORIGINAL RAMP)	

2. SIZE & LOCATION OF ALL ROOF AND FLOOR OPENINGS SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR.
3. ALL CONC. OPENINGS SHALL HAVE 2-#5 ALL AROUND MINIMUM REINFORCING.
4. THE CONTRACTOR SHALL PROTECT THE FOUNDATION WALLS FROM WATER PRESSURE DURING CONSTRUCTION, AND WITH-HOLD BACKFILLING UNTIL THE TOP SUPPORTING SLABS ARE IN PLACE.
5. CONCRETE SHALL BE CAMBERED AS FOLLOWS:
   CANTILEVERED SLABS +1" MIN. END SPANS 96x16 BM +2½"
   INTERIOR SPANS OVER 10' +¾" MIN. INT. SPANS 96x16 BM. +1"
6. SEE SPECIFICATIONS FOR SPECIAL FINISH ON EXPOSED SPANDRELS.
7. USE CONSTR. JTS. IN WALLS & SPANDRELS IN LINE WITH GROUND FL. EXP. JOINTS.

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

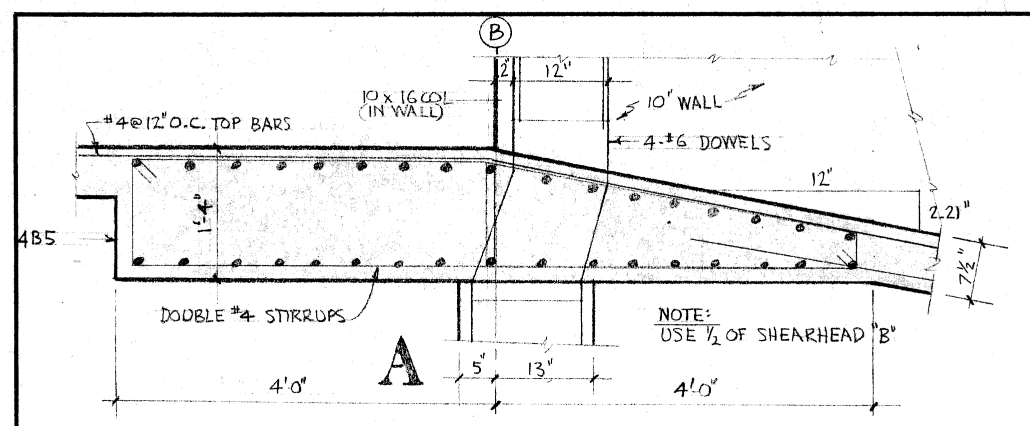
ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

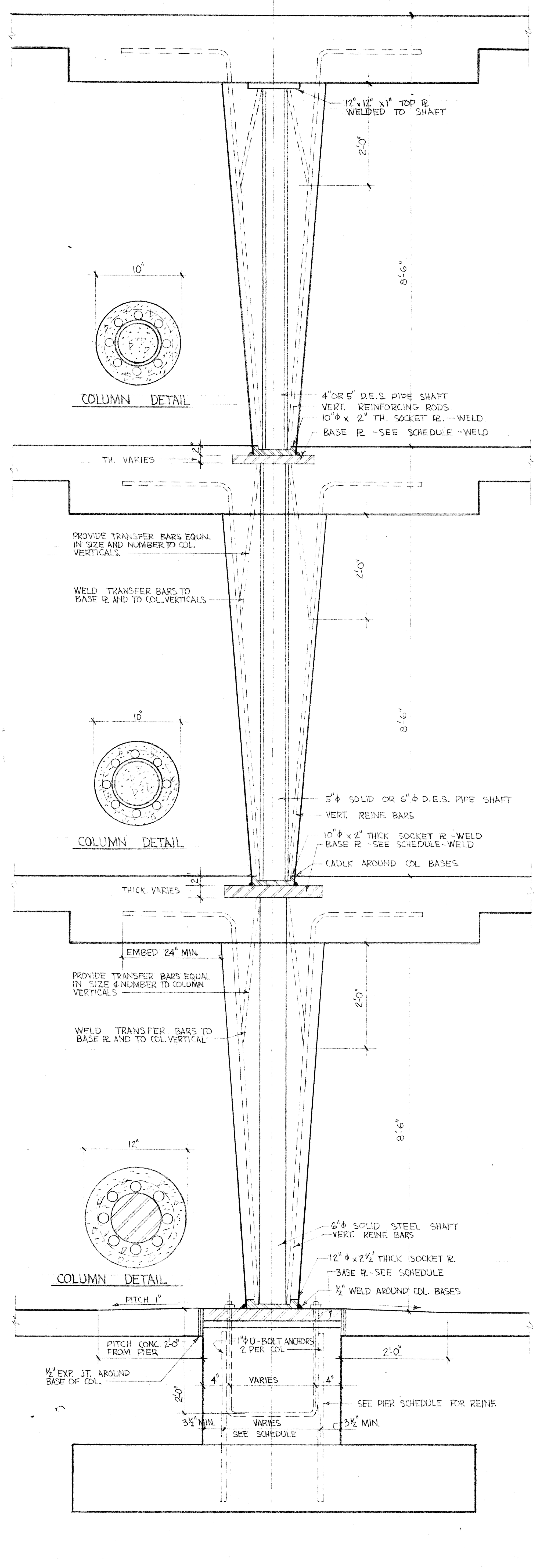
DRAWN BEN. | JOB NO. 6470 | DATE 12-20-68 | 12 SHEETS | S3

4TH LEVEL FRAMING PLAN
TYPICAL SLAB DETAILS

8



A

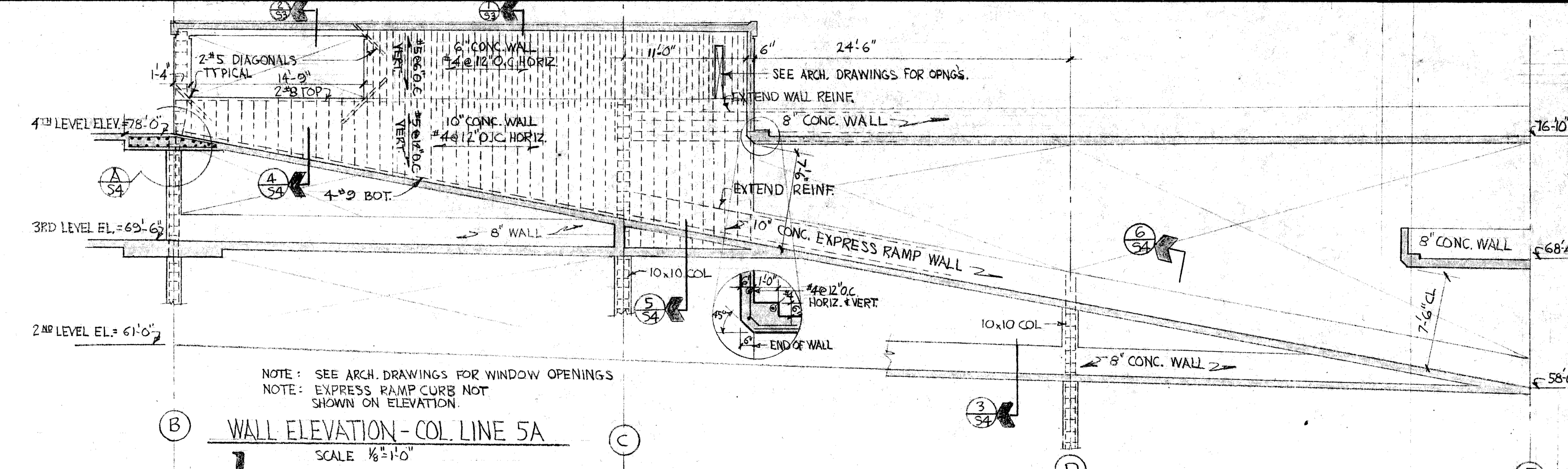


COLUMN DETAIL

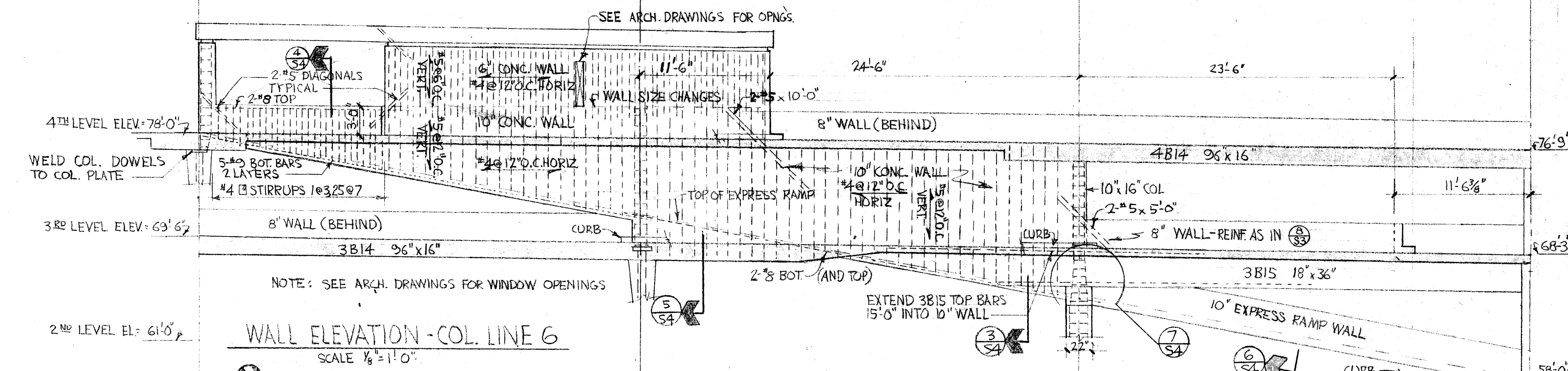
COLUMN DETAIL

COLUMN DETAIL

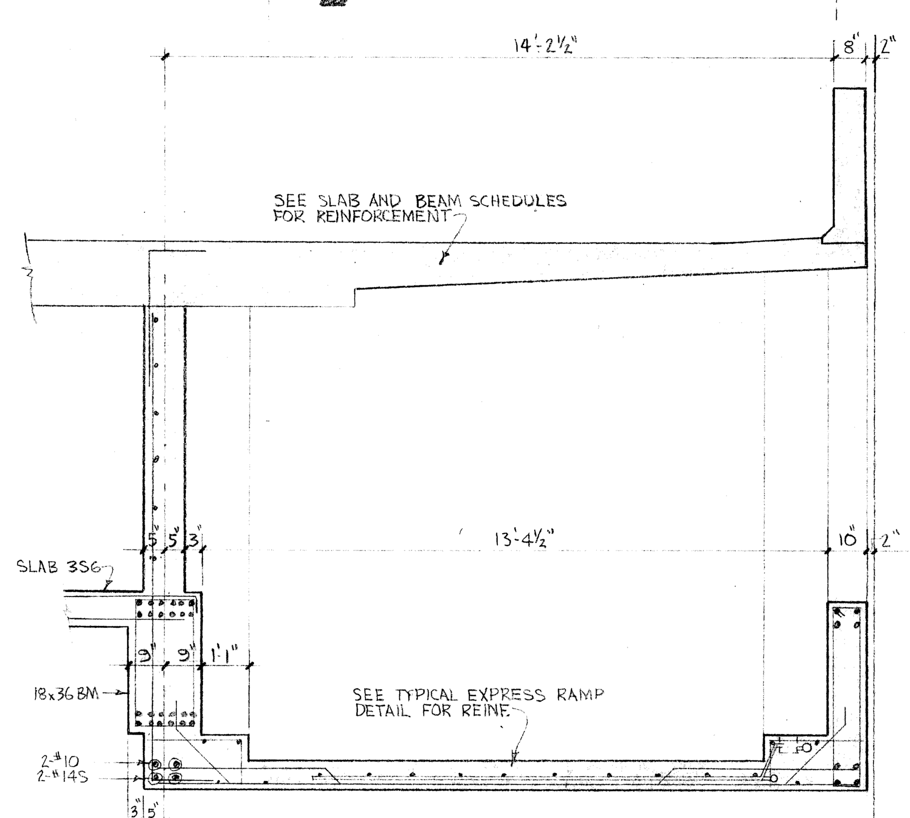
TYPICAL COLUMN DETAIL
SCALE ¾"=1'-0"



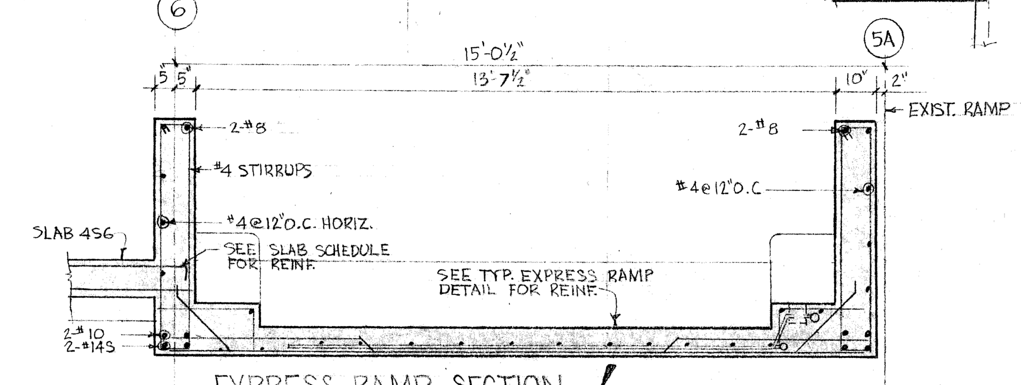
WALL ELEVATION - COL. LINE 5A
SCALE ⅛"=1'-0"
1



WALL ELEVATION - COL. LINE 6
SCALE ⅛"=1'-0"
2



EXPRESS RAMP SECTION 3
SCALE ⅜"=1'-0"



EXPRESS RAMP SECTION 4
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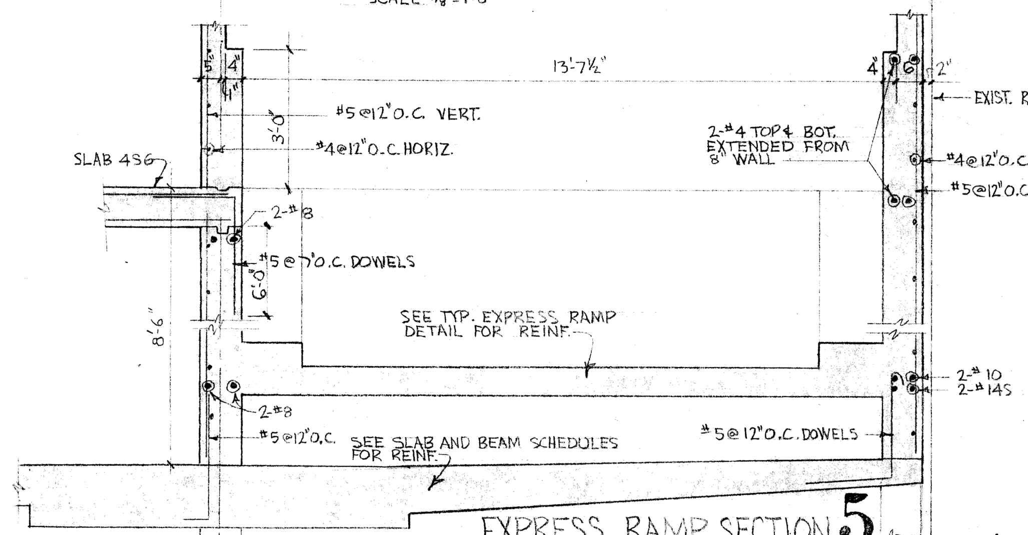
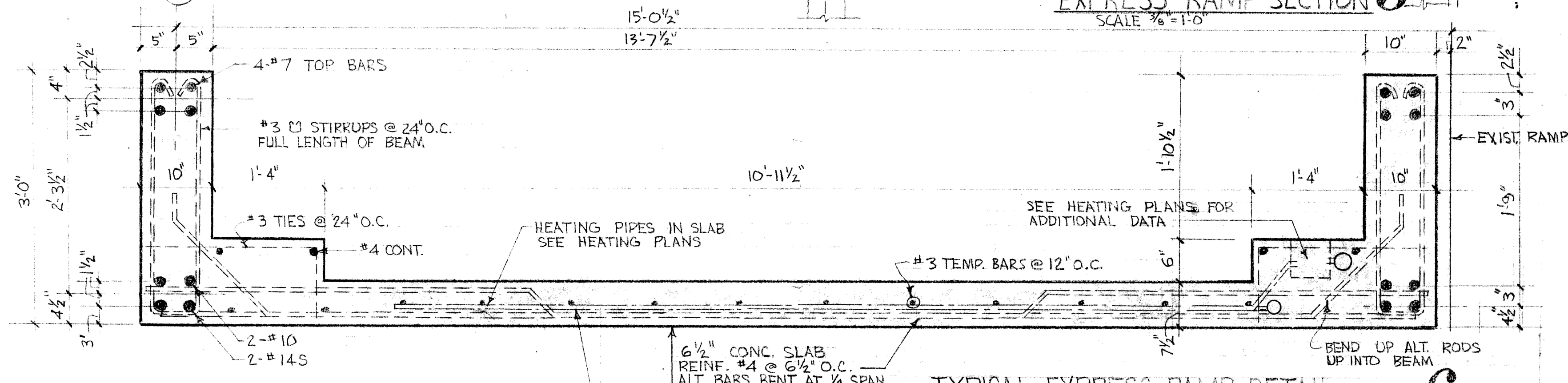


EXPRESS RAMP SECTION 5
SCALE ⅜"=1'-0"



TYPICAL EXPRESS RAMP DETAIL
SCALE ¾"=1'-0"
6

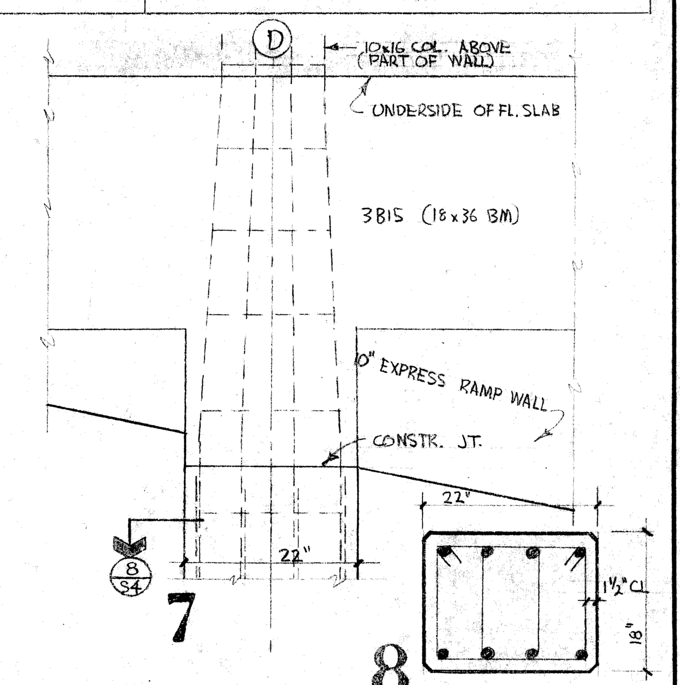
BEAM SCHEDULE

MARK	SIZE WIDTH	SIZE DEPTH	REINF. STR.	REINF. BENT	REINF. TOP	STIRRUPS SHAPE	STIRRUPS SIZE	STIRRUPS NO.	SPACING EA. END	REMARKS
4B1	96	16	31-#11	-	14-#10 16-#11		#4	52	1@2,7@4,15@6,3@12	#10 TOP BARS DISC. END #11 TOP BARS CONT. END
4B2	96	16	18-#9	-	15-#11		#4	36	1@5,8@6,9@12	TOP BARS CONT. OVER ENTIRE LENGTH EXTEND TOP BARS INTO ADJ. BEAMS
4B3	96	16	27-#11	-	26-#11 16-#8		#4	34	1@3,11@6,5@12	#11 TOP BARS CONT. END #8 TOP BARS DISC. END (COL (B))
4B4	96	16	31-#11	-	26-#11 16-#8		#4	34	1@3,11@6,5@12	#11 TOP BARS CONT. END, EXTEND TO (5A) #8 TOP BARS DISC. END (COL (7))
4B5	96	16-	25-#9	-	—		#4	10	@12	DEPTH VARIES. SEE DETAIL (A/S4)
4B6	12	16	1-#10	2-#11	—	—	—	—	—	
4B7	8	12	1-#7	2-#7	—	—	—	—	—	
4B8	—	—	—	—	—	—	—	—	—	12 WF50 & 2-¼" SIDE R's
4B9	—	—	—	—	—	—	—	—	—	12 WF40 & 2-¼" SIDE R's
4B10	24	12	8-#6	—	3-#5		#3	36	3"O.C.	
4B11	12	16	1-#5	2-#7	—	—	—	—	—	
4B12	10	36	2-#9 2-#10	—	2-#11 2-#14S	—	—	—	—	SEE SECT. (8/S3) EXTEND TOP BARS ACROSS 4B13
4B13	10	36	4-#11	—	—	—	—	—	—	SEE SECT. (8/S3)
4B14	96	16	28-#10	—	31-#11 14-#10		#4	60	7@3,7@4,11@6,5@12	#11 TOP BARS AT COL (D) SEE ELEV. (2/S4) #10 TOP BARS DISC. END
3B1	96	16	33-#9	—	17-#10		#3	60	1@2,7@4,8@6,7@12	17-#10 TOP BARS EA. END
3B2	96	16	15-#9	—	16-#11 16-#11		#3	32	1@4,6@8,9@12	16-#11 TOP BARS @ COL (C) 16-#11 CONT. TOP BARS-EXTEND EA. END
3B3	96	16	25-#9	—	21-#8		#3	32	1@4,6@8,9@12	TOP BARS @ COL (B)
3B4	96	16	33-#9	—	21-#8 34-#10		#3	60	1@2,7@4,8@6,7@12	#8 TOP BARS @ COL (7) #10 TOP BARS @ COL (6) EXTEND TO COL (5A)
3B5	96	16	25-#9	—	—		#3	10	12"O.C	
3B6	12	16	1-#10	2#11	—	—	—	—	—	
3B7	8	12	1-#7	—	2-#7	—	—	—	—	
3B8	—	—	—	—	—	—	—	—	—	12 WF50 & 2-¼" SIDE R's
3B9	—	—	—	—	—	—	—	—	—	12 WF40 & 2-¼" SIDE R's
3B10	24	12	8-#6	—	3-#5		#3	36	3"O.C.	
3B11	12	16	1-#5	2-#7	—	—	—	—	—	
3B12	10	36	4-#9	—	4-#11	—	—	—	—	EXTEND TOP BARS ACROSS 3B13 SEE SECT (8/S3)
3B13	10	36	4-#10	—	—	—	—	—	—	SEE SECT (8/S3)
3B14	96	16	23-#10	—	12-#9 26-#11		#3	36	1@2,4@5,7@6,6@12	#9 TOP BARS @ COL (B) #11 TOP BARS @ COL. (C), SEE ELEV. (2/S4)
3B15	18	36	12-#10 2 LAYERS	—	12-#9 6-#10			46	1@3,11@6,9@10,2@16	#9 TOP BARS CONT. END-2 LAYERS #10 TOP BARS DISC. END, SEE ELEV. (2/S4)
2B1	96	16	33-#9	—	17-#10		#3	60	1@2,7@4,8@6,7@12	17-#10 TOP BARS EA. END
2B2	96	16	15-#9	—	16-#11 16-#11		#3	32	1@4,6@8,9@12	16-#11 TOP BARS @ COL. (C) 16-#11 TOP BARS CONT. EXTEND EA. END
2B3	96	16	25-#9	—	21-#8		#3	32	1@4,6@8,9@12	TOP BARS @ COL (B)
2B4	96	16	33-#9	—	21-#8 34-#10		#3	60	1@2,7@4,8@6,7@12	#8 TOP BARS @ COL (7) #10 TOP BARS @ COL (6). EXTEND TO COL (5A)
2B5	96	16	25-#9	—	—		#3	10	12"O.C.	
2B6	12	16	1-#10	2-#11	—	—	—	—	—	
2B7	24	12	8-#6	—	3-#5		#3	36	3"O.C.	
2B8	12	16	1-#5	2-#7	—	—	—	—	—	

NOTE: PROVIDE MIN. 6-#6 TOP BARS FOR STIRRUP SUPPORTS ON 96"x16" BMS. STIRRUP SPACINGS START AT EDGE OF SHEARHEADS ON 96"x16" BEAMS

SLAB SCHEDULE

MARK	DEPTH	MAIN STEEL	TEMP STEEL	REMARKS
4S1	10"	#7@6½"O.C. BOT. #5@7"O.C. TOP	#4@12"O.C.	SEE SECT (9/S3)
4S2	12" TO 6"	ALT. #7 & 8 @6"O.C. TOP #5@7"O.C. BOT.	#5@15"O.C.	BEND #8 BARS INTO WALL. SEE SECT. (9/S3)
4S3	8" AVE.	#6@5½"O.C.	#4@14"O.C.	BEND UP ALT. BARS. SEE SECT. (8/S3)
4S4	4"	#4@6"O.C.	#3@16"O.C.	BEND UP ALT. BARS
4S5	8"	#4@7"O.C. BOT. #6@3½"O.C. TOP	#4@14"O.C.	TOP BARS CONTINUOUS. EXTEND TO CANTILEVER. SEE DETAIL (1/S2)
4S6	10"	#7@4"O.C. BOT. #5@7"O.C. TOP	#4@12"O.C.	SEE SECTIONS (9/S3) (4/S4) (5/S4)
3S1	9"	#7@7"O.C. BOT. #5@7"O.C. TOP	#4@4"O.C.	SEE SECT. (9/S3)
3S2	10" TO 6"	#8@6"O.C. TOP #5@7"O.C. BOT.	#4@12"O.C.	BEND #8 BARS UP INTO WALL. SEE SECT. (9/S3)
3S3	7" AVE.	#5@6"O.C.	#4@14"O.C.	BEND UP ALT. BARS. SEE SECT. (8/S3)
3S4	4"	#4@6"O.C.	#3@16"O.C.	BEND UP ALT. BARS
3S5	8"	#4@7"O.C. BOT. #6@3½"O.C. TOP	#4@14"O.C.	TOP BARS CONT. EXTEND TO CANT. SEE DETAIL (1/S2)
3S6	10"	#7@4"O.C. BOT. #5@7"O.C. TOP	#4@12"O.C.	SEE SECT. (9/S3) (3/S4)
2S1	10"	ALT. #7 & 8 @6"O.C.	#4@12"O.C.	SEE SECT. (9/S3)
2S2	10" TO 6"	#8@6"O.C. TOP #5@7"O.C. BOT.	#4@12"O.C.	BEND #8 BARS UP INTO WALL. SEE SECT. (9/S3)
2S3	7" AVE	#5@6"O.C. BOT.	#4@14"O.C.	BEND UP ALT. BARS. SEE SECT. (8/S3)
2S4	4"	#4@6"O.C.	#3@16"O.C.	BEND UP ALT. BARS
2S5	8"	#4@7"O.C. BOT. #6@3½"O.C. TOP	#4@14"O.C.	TOP BARS CONTINUOUS. EXTEND TO CANTILEVER. SEE DETAIL (1/S2)



7

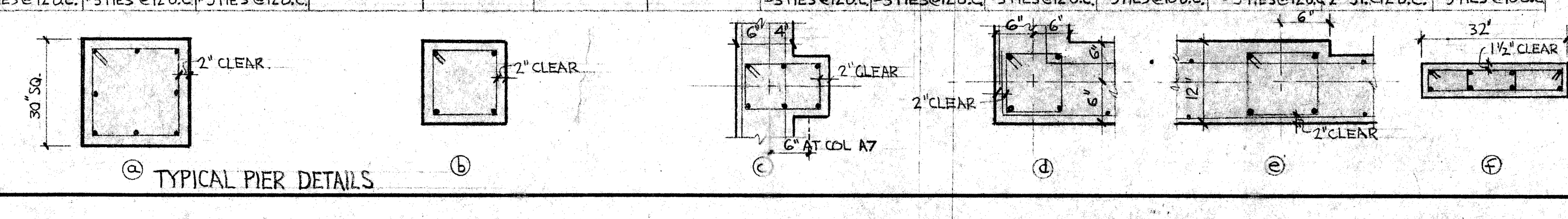
8

COLUMN SCHEDULE

COL. MARK		6D	6C	6B	5A-B	5A-C	5A-D	E07,E06	D7,C7	B7	A8	A7	B8	5A-E0	A6
T/ROOF SLAB OR DECK															
SIZE	8'-11" (9'-0" FOR A7, A8)			10 x 16	10x16					12"x12"	12"x12"	12x12	12x12		
CORE				—	—					—	—	—	—		
VERTICAL STEEL				4-#6	4-#6					4-#6	4-#6	4-#6	4-#6		
SPIRALS OR TIES				#3@10"O.C.	#3@10"O.C.					#3T.@10"O.C	#3T.@10"O.C.	#3T.@10"O.C	#3T.@10"O.C.		
BASE PLATES 4TH LEVEL				—	—					—	—	—	—		
SIZE	8'-6"	10x16	10x16	24"ϕ TO 10"ϕ	10x18	10x10		24x14	24"ϕ TO 10"ϕ	24"ϕ TO 10"ϕ	12"x12"	12x12	12x12		12x12
CORE		—	—	5"ϕ DES. PIPE	—	—		—	5"ϕ D.E.S. PIPE	5"D.E.S. PIPE	—	—	—		—
VERTICAL STEEL		8-#11	8-#10	8-#10	4-#6	4-#6		8-#6	8-#6	8-#9	4-#6	4-#6	4-#6		4-#6
SPIRALS OR TIES		2-#3T.@10"O.C.	2#3T.@10"O.C.	#3 SP.@2"O.C.	#3T.@10"O.C.	#3T.@10"O.C.		2-#3T.@10"O.C.	#3SP.@2"O.C.	#3SP.@2"O.C.	#3T.@10"O.C.	#3T.@10"O.C.	#3T.@10"O.C.		#3T.@10"O.C.
BASE PLATES 3RD LEVEL		—	—	16x16x1¼"	—	—		—	19x19x1¾	16x16x1¼	—	—	—		—
SIZE	8'-6"	18x22 SQ.	24"ϕ TO 10"ϕ	24"ϕ TO 10"ϕ	10x10	10x10	10x10	24x16	24"ϕ TO 10"ϕ	24"ϕ TO 10"ϕ	12x12	12x14	12x12		12x12
CORE		—	5"ϕ SOLID CORE	5"ϕ SOLID CORE	—	—	—	—	5"ϕ SOLID CORE	5"ϕ SOLID CORE	—	—	—		—
VERTICAL STEEL		8-#11	8-#8	8-#10	4-#6	4-#8	4-#6	6-#9	8-#8	8-#9	4-#8	6-#8	4-#8		6-#8
SPIRALS OR TIES		2-#3T.@18"O.C.	#3SP.@2"O.C.	#3SP.@2"O.C.	#3T.@10"O.C.	#3T.@10"O.C.	#3T.@10"O.C.	2-#3@10"O.C.	#3SP.@2"O.C.	#3SP.@2"O.C.	#3T.@10"O.C.	2-#3T@12"O.C.	#3T.@10"O.C.		2-#3T.@12"O.C
BASE PLATES 2ND LEVEL		24x24x2¼	24x24x2¾	20x20x2"	—	—	—	—	23x23x2½	20x20x2	—	—	—		—
SIZE	8'-6"	24"ϕ TO 12"ϕ	24"ϕ TO 12"ϕ	24"ϕ TO 12"ϕ	10x10	12x12	10x10	24x30	24"ϕ TO 12"ϕ	24"ϕ TO 12"ϕ	12x12	12x16	12x12	32"x10"	12x16
CORE		6"ϕ SOLID CORE	6"ϕ SOLID CORE	6"ϕ SOLID CORE	—	—	—	—	6"ϕ SOLID CORE	6"ϕ SOLID CORE	—	—	—	—	—
VERTICAL STEEL		8-#11	8-#11	8-#11	4-#9	6-#8	4-#6	10-#9	8-#11	8-#10	4-#9	6-#9	4-#9	8-#6	6-#9
SPIRALS OR TIES		#3@1½"O.C.	#3@1½"O.C.	#3@1½"O.C.	#3T.@10"O.C.	#3T.@12"O.C.	#3T.@10"O.C.	2-#3@12"O.C.	#3SP.@1½"O.C.	#3SP.@1½"O.C.	#3T.@10"O.C.	2-#3T.@12"O.C	#3T.@10"O.C	2-#3T.@10"O.C	2-#3T.@12"O.C.
BASE PLATES GROUND LEVEL		28"x28"x3"	28x28x3"	24x24x2¾"	—	—	—	—	28x28x3"	24x24x2¾	—	—	—	—	—

NOTE SEE PLANS FOR DIRECTION OF COLUMNS

	6D	6C	6B	5A-B	5A-C	5A-D	E07,E06	D7,C7	B7	A8	A7	B8	5A-E0	A6
PIER	30x30 (a)	30x30 (a)	30x30 (a)	14x14 (b)	16x16 (b)	12x12 (b)	SEE (4/S1)	30x30 (a)	28x28 (a)	12x12 (d)	12x16 (c)	12x12 (e)	32"x10" (f)	12x16 (c)
PIER REINF.	8-#6 #3TIES @12"O.C.	8-#6 #3TIES @12"O.C.	8-#6 #3TIES @12"O.C.	4-#6 & #3T.@12"	4-#6 & #3T.@12"	4-#6 & #3T.@12"		8-#6 #3TIES@12"O.C.	8-#6 #3TIES@12"O.C.	4-#9 #3TIES@12"O.C.	6-#9 #3TIES@10"O.C.	4-#9 #3TIES@12"O.C.	8-#6 2-#3T.@12"O.C.	6-#9 #3TIES@10"O.C.



(a) TYPICAL PIER DETAILS (b) (c) (d) (e) (f)

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

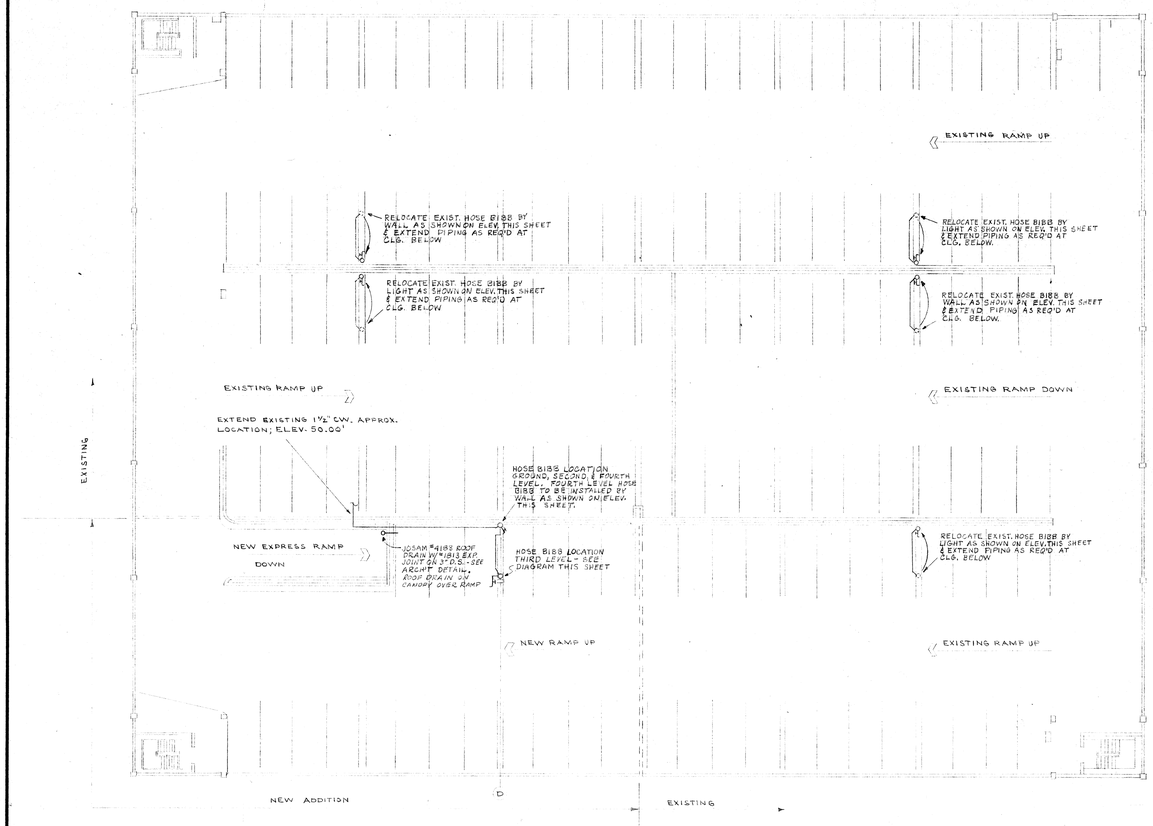
DRAWN B.E.N.
JOB NO. 6476
DATE 12-30-64

12 SHEETS

S4

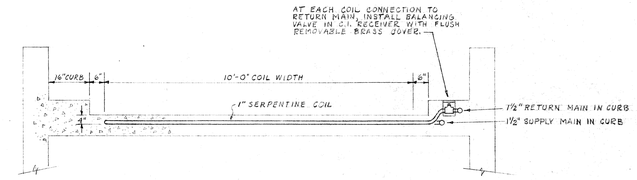
COLUMN, BEAM, AND SLAB SCHEDULES
EXPRESS RAMP DETAILS

9



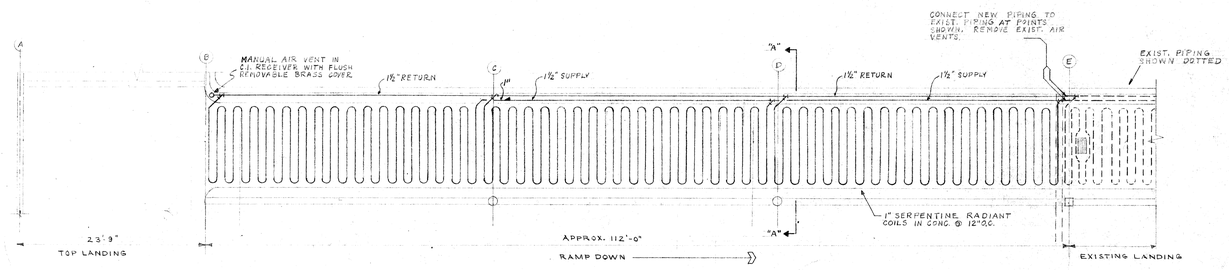
FOURTH LEVEL PLAN

SCALE 1/16" = 1'-0"



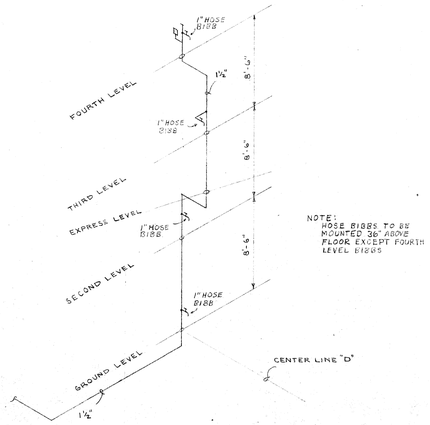
SECTION "A-A"

SCALE: ½" = 1'-0"



RADIANT COIL DETAIL FOR EXPRESS RAMP

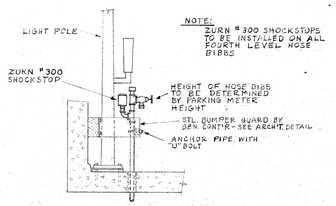
SCALE 1/8" = 1'-0"



NOTE:
HOSE BIBBS TO BE MOUNTED 36" ABOVE FLOOR EXCEPT FOURTH LEVEL BIBBS

HOSE BIBB RISER DIAGRAM

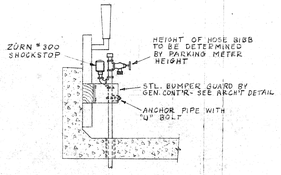
NO SCALE



NOTE:
ZURN #300 SHOCKSTOPS TO BE INSTALLED ON ALL FOURTH LEVEL HOSE BIBBS

ELEVATION OF HOSE BIBB BY LIGHT - FOURTH LEVEL

SCALE: ½" = 1'-0"



ELEVATION OF HOSE BIBB BY WALL - FOURTH LEVEL

SCALE: ½" = 1'-0"

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

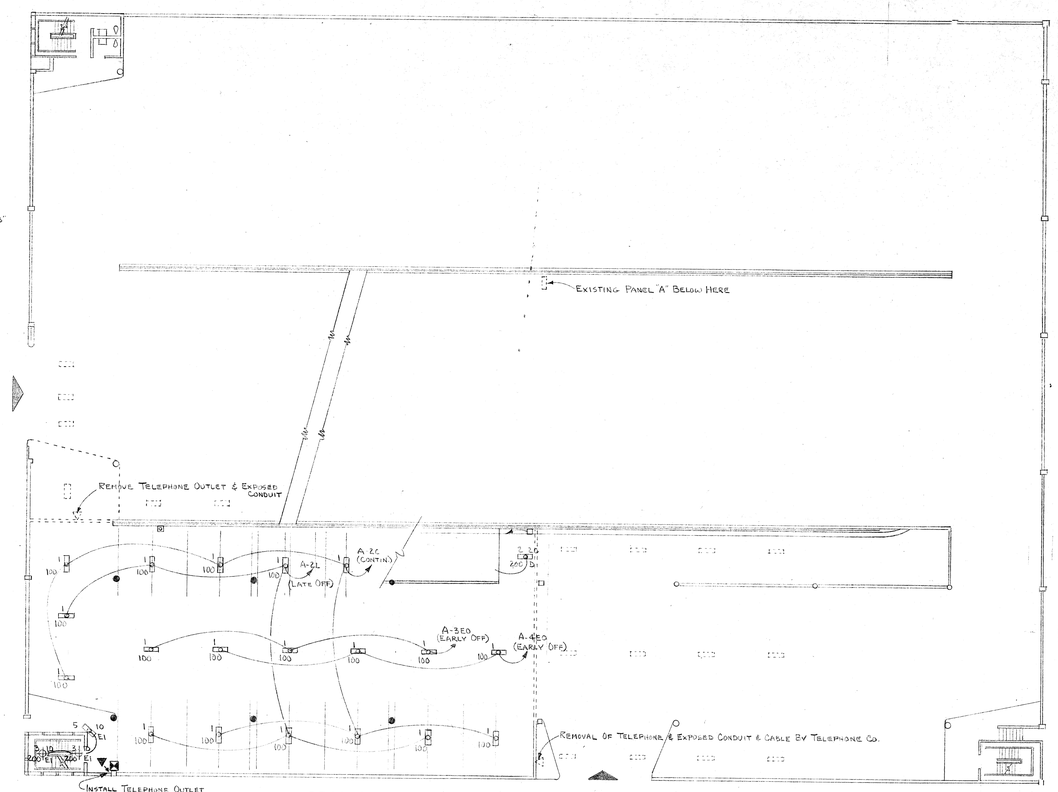
DRAWN LFC.
JOB NO. 6476
DATE 12-20-64

12 SHEETS
P-1
HV-1
10

EXPRESS RAMP RADIANT COIL DETAIL & PLUMBING PIPING

SYMBOLS

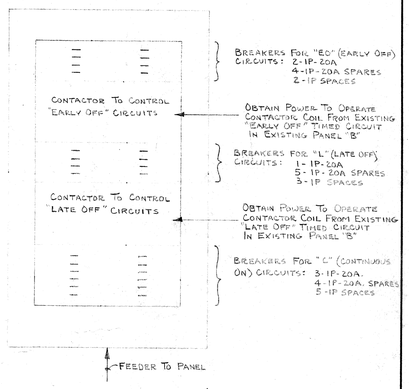
FIXT. NO. CIRC. NO.
WATTS PANEL — FLUORESCENT FIXTURE
INCANDESCENT FIXTURE
EXISTING FIXTURE (FOR REFERENCE ONLY)
MA — EXISTING POLE-MOUNTED FIXTURE TO BE MOVED TO LOCATION "A"
MB — EXISTING CHANNEL-MOUNTED FIXTURE TO BE MOVED TO LOCATION "B"
TWO FIXTURES MOUNTED ON POLE
SINGLE FIXTURE MOUNTED ON POLE
EXISTING WIRING, FOR REFERENCE ONLY; EXTEND OR RELOCATE AS INDICATED
PULL BOX
PANELBOARD
W.P. — WEATHERPROOF
EO — EARLY OFF
L — LATE OFF
C — CONTINUOUS ON
EXISTING FIRE ALARM BELL
NEW FIRE ALARM BELL
FIRE ALARM BREAKGLASS STATION
XPC — EXISTING PHOTOCELL-CONTROLLED CIRCUIT (PANEL B)
XTC — EXISTING TIMER-CONTROLLED CIRCUIT (PANEL B)
EXISTING TELEPHONE OUTLET
NEW TELEPHONE OUTLET
S — SIGN (SEE DETAIL DRAWINGS ON SHEET E-2)



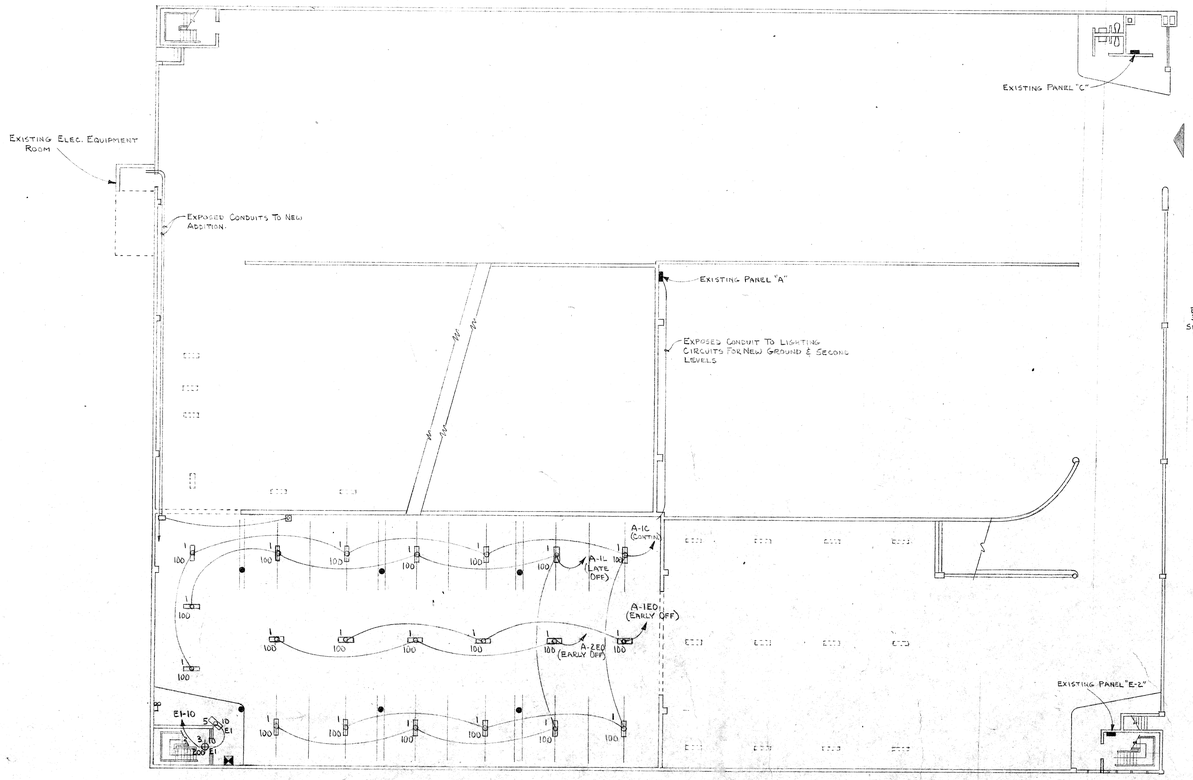
SECOND LEVEL & REFLECTED CEILING PLAN
SCALE 1/16" = 1'-0"

NOTES

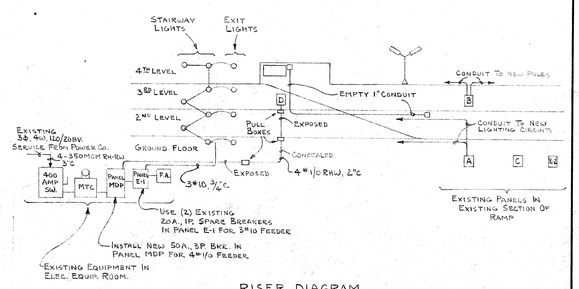
1. FURNISH & INSTALL O.Z. TYPE "DX" CONDUIT EXPANSION DEFLECTION FITTINGS IN ALL CONDUIT RUNS IMBEDDED IN CONCRETE WHICH CROSS EXPANSION JOINTS. PROVIDE O.Z. TYPE "PX" OR "AX" CONDUIT EXPANSION FITTINGS COMPLETE WITH BONDING JUMPERS IN ALL CONDUIT RUNS WHICH CROSS AN EXPANSION JOINT.
2. PAINTING OF ALL EXPOSED CONDUIT, FITTINGS, & PULL BOXES, WHETHER FERROUS OR ALUMINUM, IS PART OF THE ELECTRICAL CONTRACT. PAINT SHALL BE EQUAL TO THAT SPECIFIED IN PARAGRAPH 10.A ON PAGE 57-4 OF THE SPECIFICATIONS.
3. ALL CIRCUIT BREAKERS, TIMER, & PHOTOCELL EQUIPMENT IN OR RELATED TO EXISTING PANEL B SHALL BE RE-USED, BUT ALL CONDUIT & CONDUCTORS TO LIGHTING POLES ON TOP RAMP SHALL BE NEW.
4. ALL CONDUIT IN NEW CONSTRUCTION SHALL BE CONCEALED EXCEPT FOR VERTICAL RISERS. NEW CONDUIT IN EXISTING STRUCTURE MAY BE RUN EXPOSED BUT SHALL BE INSTALLED CAREFULLY AND TIGHT AGAINST EXISTING WALLS & CEILINGS TO OBTAIN A NEAT APPEARANCE AND AVOID OBSTRUCTION TO VEHICLES & PEDESTRIANS.
5. CONDUIT MAY BE INSTALLED IN FLOOR SLABS AS DESCRIBED IN SPESIFICATIONS BUT MAY NOT BE INSTALLED IN, THROUGH, OR CLOSE TO ANY LOAD-BEARING ELEMENTS SUCH AS COLUMNS, SHEARHEADS, SPANDREL WALLS, OR THE SLAB OR CURB OF THE EXPRESS RAMP.
6. TO AVOID CRUSHING FROM EXPANSION OF SLABS, NO CONDUIT MAY BE INSTALLED IN THE SPACE BETWEEN ADJACENT SPANDREL WALLS.
7. REMOVAL OF EXISTING LIGHTING POLES & SEALING OF SURFACE IS BY OTHERS. SEE SPECIFICATIONS & OTHER DRAWINGS.
8. FIXTURE #8 ON 4TH LEVEL SHALL BE PARAMOUNT CRAFT-LITE #494 ON SINGLE OR DOUBLE ARM MOUNTING & POLE AS SHOWN AND WITH - 20°F. BALLAST.



PANEL "D"
(WITH SPLIT BUS FOR CONTINUOUS-ON, LATE-OFF, & EARLY-OFF BREAKERS)



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



RISER DIAGRAM

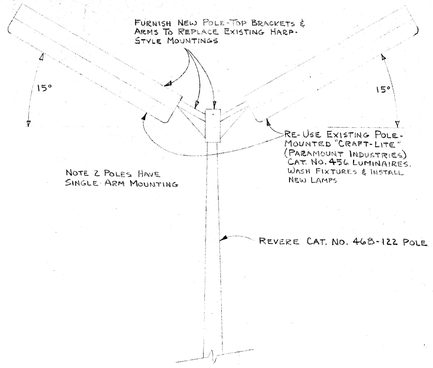
NO.	DESCRIPTION	BY	DATE
	REVISIONS		

ADDITION TO
DOTY STREET PARKING RAMP
FOR THE
CITY OF MADISON, WISCONSIN

JOHN J. FLAD & ASSOCIATES
ARCHITECTS AND ENGINEERS
6200 MINERAL POINT ROAD
MADISON WISCONSIN

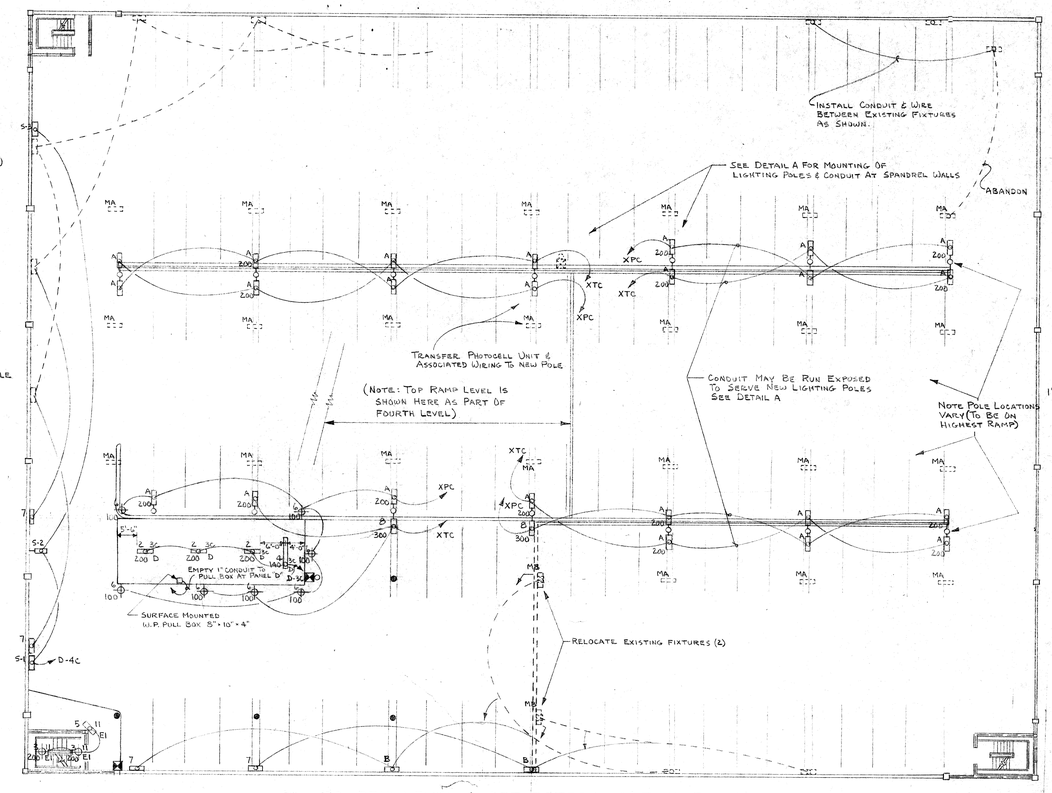
DRAWN JHT
JOB NO. 6476
DATE 12-30-66
12 SHEETS
E-1

ELECTRICAL - GROUND & 2ND LEVELS
11



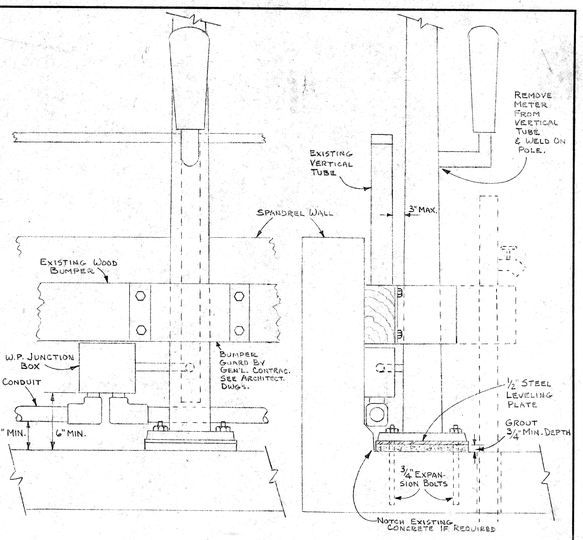
TYPICAL MOUNTING OF EXISTING LUMINAIRES ON NEW ARMS & POLES – TOP RAMP

(NOTE 2 NEW LUMINAIRES REQUIRED)



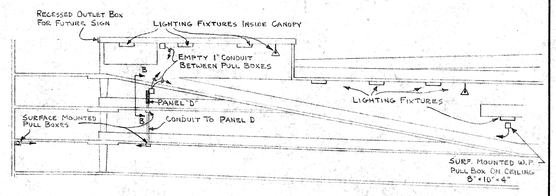
FOURTH LEVEL & REFLECTED LIGHTING PLAN

SCALE 1/16" = 1'-0"



DETAIL "A" – LOCATION & WIRING FOR NEW POLES ON TOP LEVEL

NOT TO SCALE



SECTION THROUGH EXPRESS RAMP

NOT TO SCALE

SIGN S-1

(SINGLE FACE)

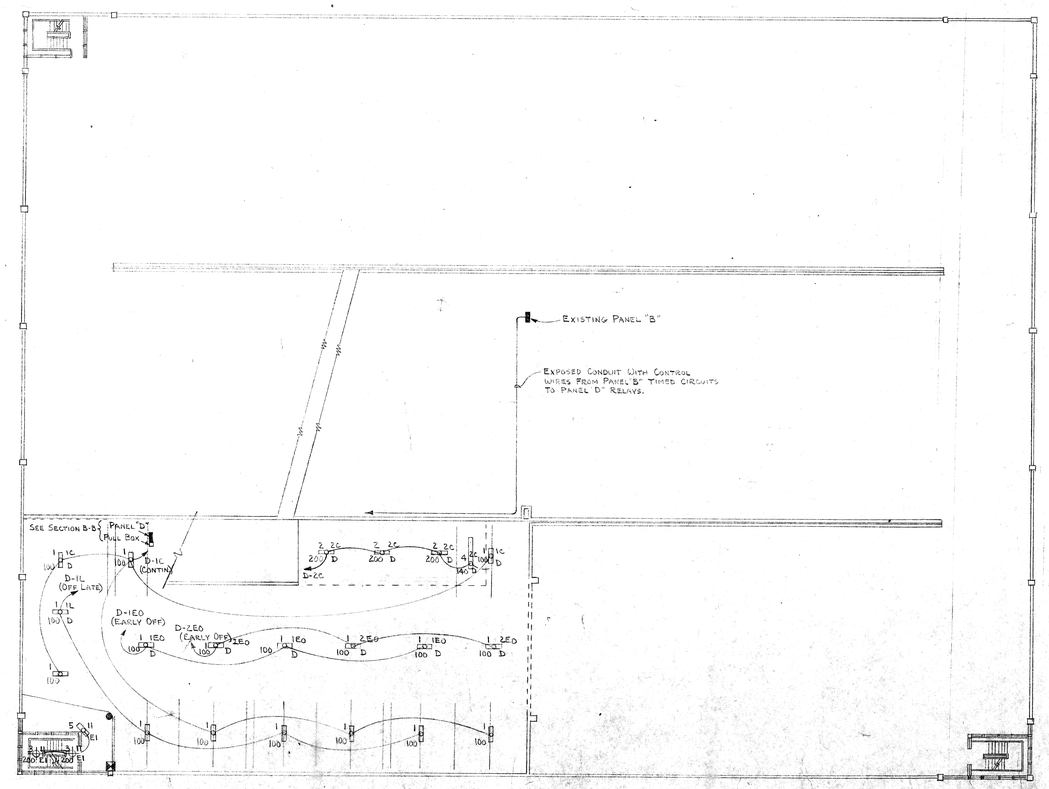
SIGN S-2

(DOUBLE FACE)

SIGN S-3

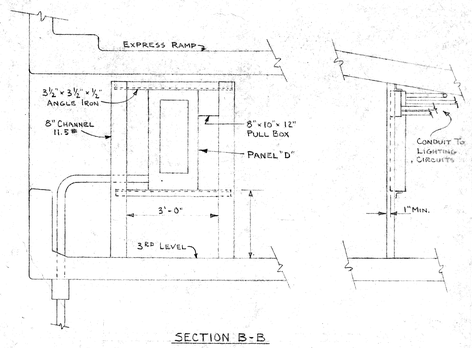
(SINGLE FACE)

1. Signs S-1 & S-3 Back-Mounted Against Channel Fascia. Sign S-2 End-Mounted As Shown.
2. All Brackets & Mounting Hardware By Elec. Contractor.
3. Housings Shall Be 18 Ga. Black Sheet Metal Except Sign Faces Shall Be 12 Ga. Letters & Arrows Shall Be Stencil Openings In Face Plates Backed With Translucent White Acrylic Or Fiberglass.
   Housings Shall Be Gasketed, Weatherproof, & Sealed Against Bugs & Insects, But With Bolted Access Panel For Servicing Lamp & Ballast.
   Paint Inside White, Outside Black Per Painting Requirements In Sec. 57 Of Specifications.
4. Each Sign Shall Contain 1-High Output Type F34T12/CW/HO Fluorescent Lamp With -20°F. Low Temp. Ballast.



THIRD LEVEL & REFLECTED CEILING PLAN

SCALE 1/16" = 1'-0"



SECTION B-B

NOT TO SCALE

NO.	DESCRIPTION	BY	DATE
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DRAWN JHT
JOB NO. 6476
DATE 12-20-64
12 SHEETS
E-2

ELECTRICAL - 3RD & 4TH LEVELS

12