

ABBREVIATIONS

AD	ACCESS DOOR
ALC	AUTO TEMPERATURE CONTROL
AW	AIR WASHER
BB	TABLE BOARD
BDD	BACKDRAFT DAMPER
BI	BOILER
BOD	BOTTOM OF DUCT
BOU	BOTTOM OF UNIT
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CLG	CEILING
CP	CIRCULATING PUMP
CT	COOLING TOWER
CU	CONDENSING UNIT
DH	DUCT HEATER
EA	EXHAUST AIR
LAT	ENTERING AIR TEMPERATURE
LAT	LEAVING AIR TEMPERATURE
EC	EVAPORATIVE COOLER
EF	EXHAUST FAN
EH	ELECTRIC HEATER
EL	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
F	FURNACE
FC	FAN COIL UNIT
FL	FILTER
CC	COOLING COIL
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
HE	HEAT EXCHANGER
HP	HOT PUMP
HU	HUMIDIFIER
HVAC	HEATING VENTILATING AIR CONDITIONING
THH	THOUSAND THIRTY HOUR
MU	MAKE-UP AIR UNIT
OA	OUTSIDE AIR
SA	SUPPLY AIR
RI	RELIEF AIR
RA	RETURN AIR
CA	COMBUSTION AIR
P	PUMP
PRV	PRESSURE REDUCING VALVE
RP	RADIANT PANEL
RI	ROOF TOP UNIT
RV	RELIEF VENT
SF	SUPPLY FAN
SP	STATIC PRESSURE
ST	SOUND TRAP
TOD	TOP OF DUCT
TW	THROUGH WALL UNIT
UH	UNIT HEATER
VAV	VARIABLE AIR VOLUME
SPEC	SPECIFICATION
TYP	TYPICAL
W/	WITH
CONN	CONNECTION
DIA	DIAMETER
GA	GANGE
GPM	GALLONS PER MINUTE
GRD	GRADE
MIN	MINIMUM
MAX	MAXIMUM

NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PSI	POUNDS PER SQUARE INCH
GC	GENERAL CONTRACTOR
INSUL	INSULATION
MECH	MECHANICAL
REQD	REQUIRED
STD	STANDARD

	THERMOSTAT
	HUMIDISTAT
	SWITCH
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	HOT WATER SUPPLY
	HOT WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	DRAIN
	BUTTERFLY VALVE
	BALL VALVE
	GATE VALVE
	CHECK VALVE
	PLUG COCK
	PRV
	2-WAY AUTO VALVE
	3-WAY AUTO VALVE
	THERMOMETER
	GAUGE
	UNION
	STRAINER
	BALANCING VALVE
	RELIEF VENT
	BACKFLOW PREVENTER
	PIPE ANCHOR
	DIRECTION OF FLOW
	EXPANSION JOINT
	FLEXIBLE CONNECTION
	AIR LINE
	PIPING DROP TO BELOW
	PIPING DROP PIPING RISER
	STEAM LINE
	CONDENSATE RETURN
	GAS LINE

DRAWING INDEX

SHEET NO.	DRAWING TITLE
M	TITLE SHEET
MS	SCHEDULES & DETAILS
M-1	PARKING LEVEL P-1
M-2	PARKING LEVEL P-2
M-3	PARKING LEVEL P-3

LEGEND

	RECTANGULAR DUCT SIDE SHOWN IS A DIMENSION
	ROUND OR OVAL DUCT
	LINED DUCT
	ROUND FLEXIBLE DUCT
	DIRECTION OF AIRFLOW
	SUPPLY DUCT RISER
	SUPPLY DUCT DROP
	RETURN EXHAUST OR OUTSIDE AIR DUCT RISER
	RETURN EXHAUST OR OUTSIDE AIR DUCT DROP
	ROUND OR OVAL DUCT RISER
	ROUND OR OVAL DUCT DROP
	DUCT DROP IN RESPECT TO AIRFLOW
	DUCT RISE IN RESPECT TO AIRFLOW
	FLEXIBLE DUCT CONNECTION
	MANUAL VOLUME DAMPER
	MOTORIZED VOLUME DAMPER
	AIR EXTRACTOR
	ACCESS DOOR
	INTAKE LOUVER WITH BIRDSCREEN
	EXHAUST LOUVER WITH BIRDSCREEN
	FIRE DAMPER
	RECTANGULAR ELBOW WITH TURNING VANES
	ROUND OR OVAL ELBOW WITH TURNING VANES
	SLOT DIFFUSER INDICATES SCHEDULE NUMBER (TYP)
	NECK SIZE CFM RECT CEILING DIFFUSER
	ROUND CEILING DIFFUSER
	CEILING RETURN OR EXHAUST GRILLE
	SIDEWALL SUPPLY GRILLE
	SIDEWALL RETURN OR EXHAUST GRILLE
	DOOR GRILLE
	TRANSFER GRILLE

GENERAL NOTES

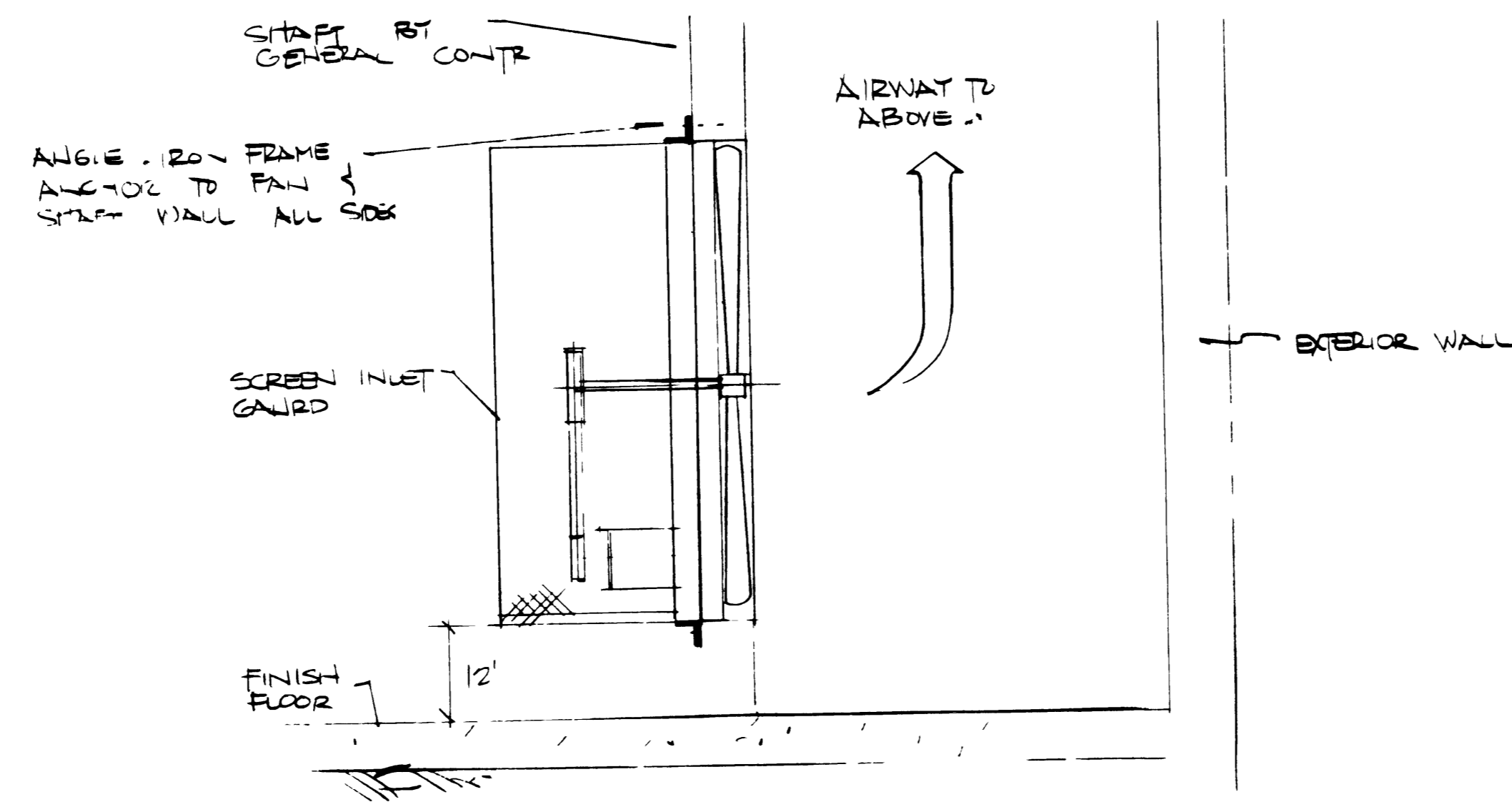
A- PIPING TO BE LAST IRON NO. HUB

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ENGINEERING + CONSTRUCTION SERVICES INC

PROJECT NAME	CHINA BRIDGE PARKING COMPLEX	DATE	6-4-86
NO.	REVISION — DESCRIPTION	DATE	BY
0	RELEASED FOR APPROVAL		W/abg DPL
THIS DRAWING HAS BEEN PREPARED BY CCI Mechanical, Inc. ENGINEERING + CONSTRUCTION SERVICES, INC. 660 So. Redwood Road • Salt Lake City, Utah P.O. Box 20891 • 84128 (801) 973-6600		DRAWN BY R.L./PL APPROVED [Signature] CHECKED [Signature] SHEET NO. M	
PROJECT TITLE MECHANICAL CONSTRUCTORS/ENGINEERS TITLE SHEET		FILE NO. 668	



TYPICAL FAN INSTALLATION
-NTS-

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	CFM	S.P.	H.P.	R.P.M.	POWER	ROOF OPENING	MANUFACTURER & MODEL	DISCONNECT BY		STARTER BY	
									MC	OTHER	MC	OTHER
EF-1	LEVEL P-3	18,000	10	2	555	208360	-	AMERICAN COOLAIR			X	X

PROVIDE 1" X 1/2" SCREEN GUARD AT EACH FAN

LOUVER SCHEDULE

SYMBOL	SIZE		CFM	P.D.	FINISH	ACCESSORIES	COMMENTS
	HEIGHT	WIDTH					
L-1	48"	48"	10,300	10	GALVANIZED	ADD SCREEN AT PERM. 1" PLANK FRAME	-
L-2	48"	36"	7,700	10			-

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	TRAP	VENT	C.W.	H.W.	MANUFACTURER & MODEL	TYPE	NOTES
21	ADA DRAIN	2'	-	-	-	-	WACE W-1203-TD		

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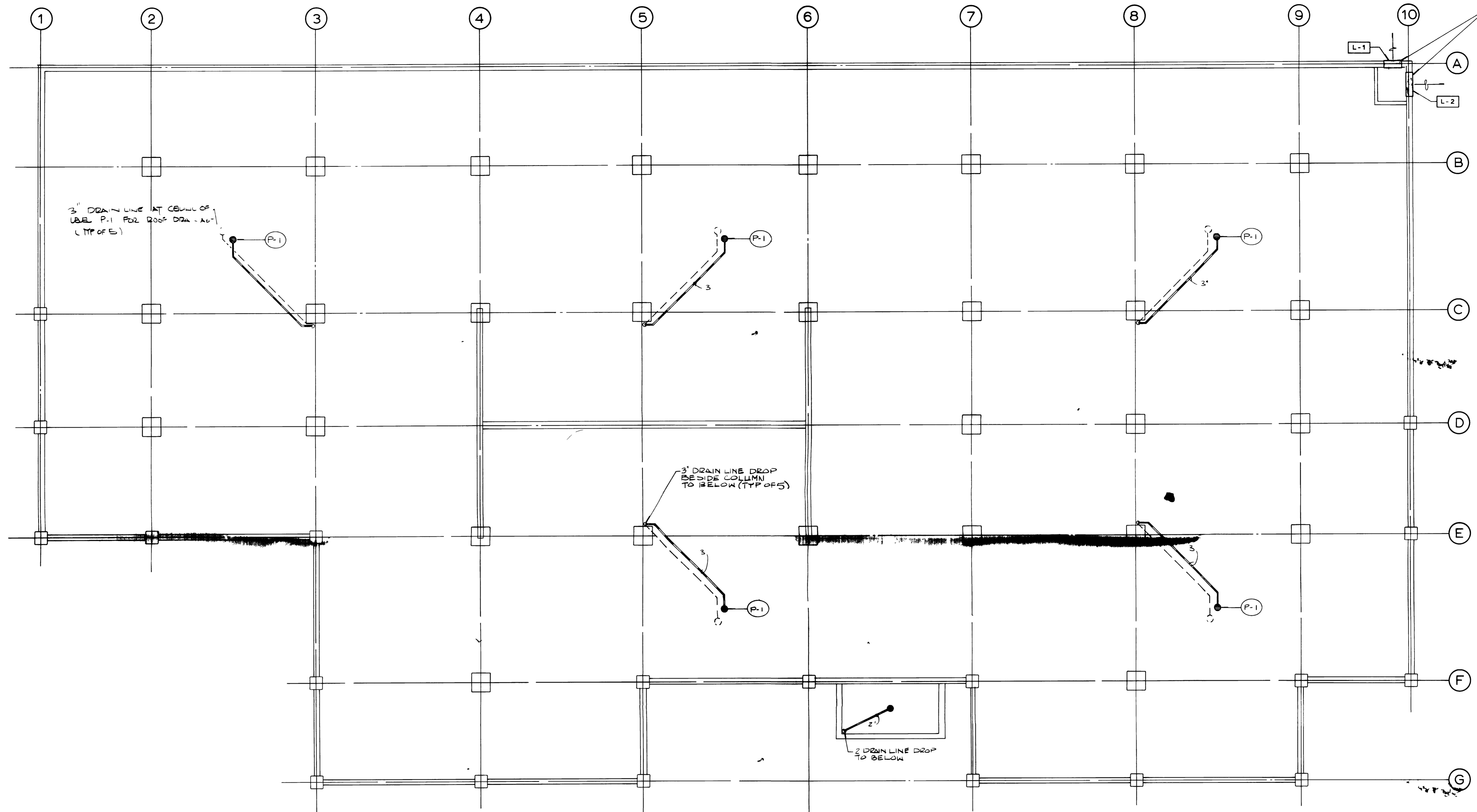
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SCHEDULES & DETAILS

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MS



MOUNT LOUVERS
7' BELOW ROOF
SLAB ABOVE
(TYPICAL)

3" DRAIN LINE AT CELL OF
LABEL P-1 FOR ROOF DRAIN - A6-
(TYP OF 5)

3" DRAIN LINE DROP
BESIDE COLUMN
TO BELOW (TYP OF 5)

2" DRAIN LINE DROP
TO BELOW



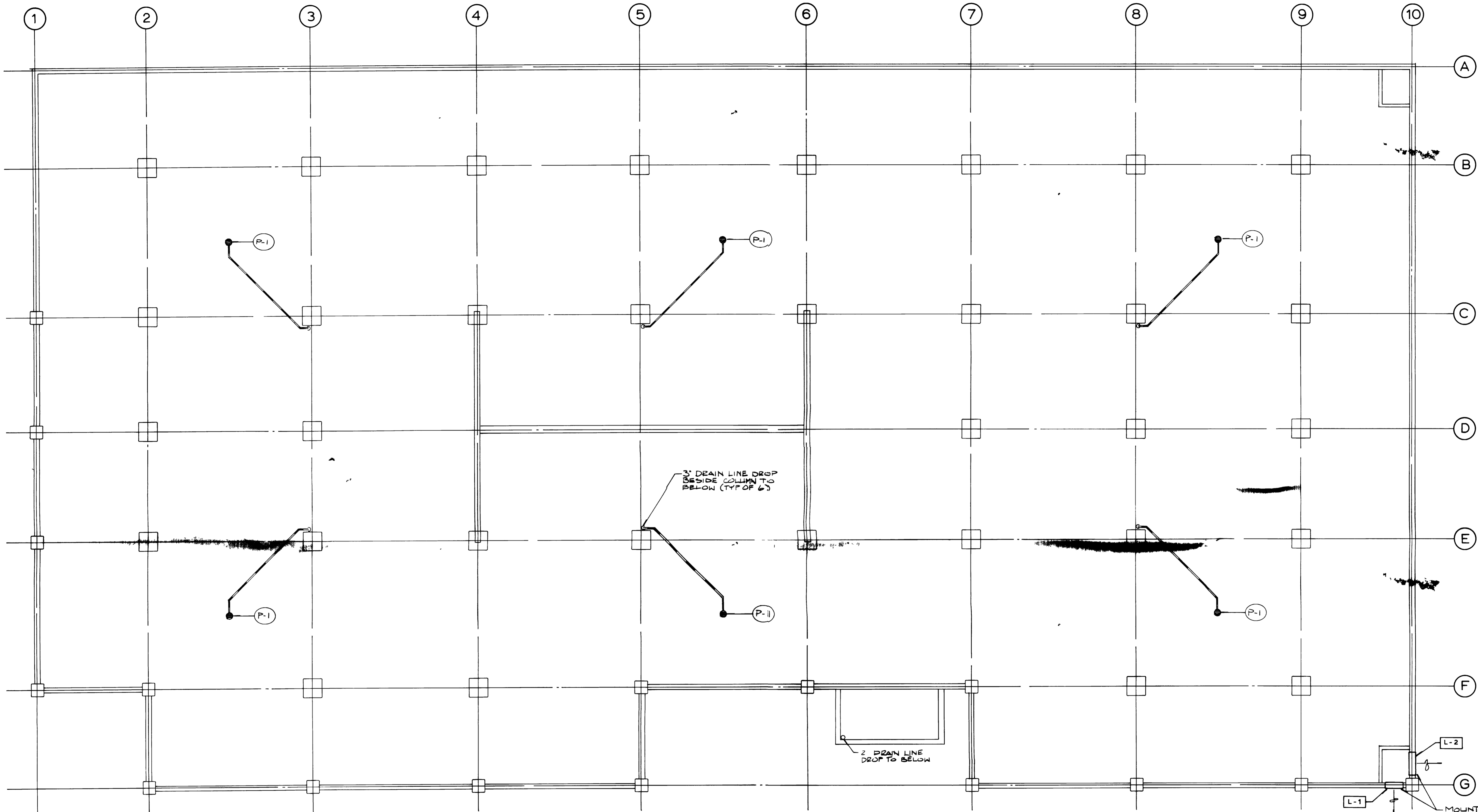
PARKING LEVEL P-1
SCALE 1/8" = 1' - 0"

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SHEET TITLE		
PARKING LEVEL P-1		MI
REVISION	DESCRIPTION	DATE
0	RELEASED FOR APPROVAL	6/18/86
1	REVISED DRAIN LINE LOCATIONS ADDITION OF 2" DRAIN LINE	7/17/86



PARKING LEVEL P-2

SCALE 1/8" = 1' - 0"

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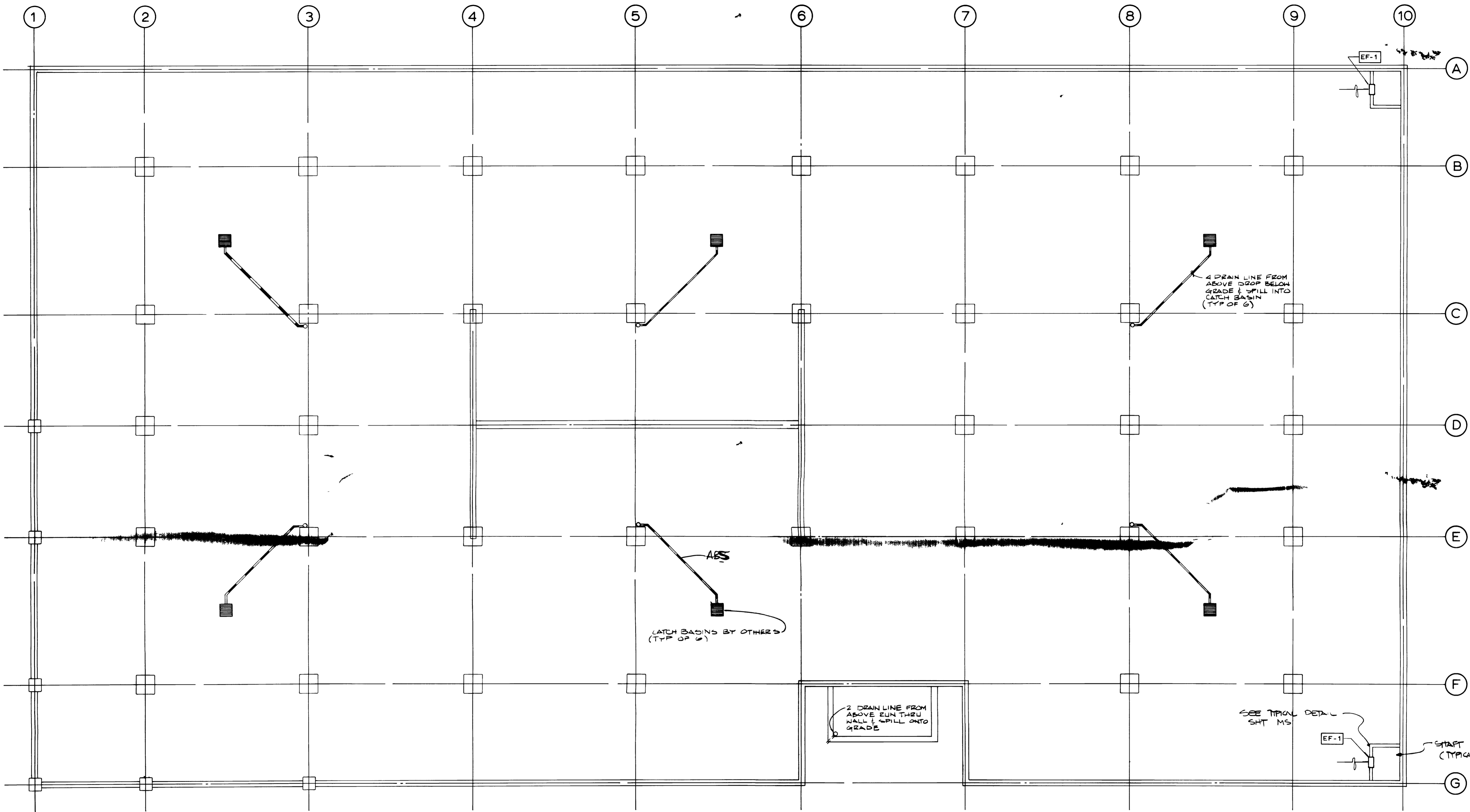
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 DATE: 6-4-85

PROJECT NAME	DATE
CHINA BRIDGE	6-4-85
PARKING COMPLEX	JOB NO.
DRAWN BY	R. LAMNER
APPROVED	OPZ
CHECKED	OPZ
SHEET NO.	M2
MECHANICAL CONSTRUCTORS/ENGINEERS	
PARKING LEVEL P-2	



 NORTH
PARKING LEVEL P-3
SCALE 1/8" = 1' - 0"

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NO	REVISION	DESCRIPTION	DATE	BY
0		REVISED DRAIN LINE LOCATIONS	6/11/86	PL/RL
0		RELEASED FOR APPROVAL	6/11/86	DPJ

PROJECT NAME
CHINA BRIDGE PARKING COMPLEX

DATE
6-4-86

JOB NO

DRAWN BY
PL/RL

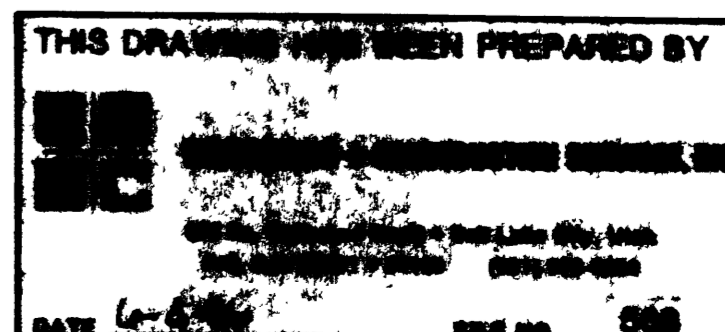
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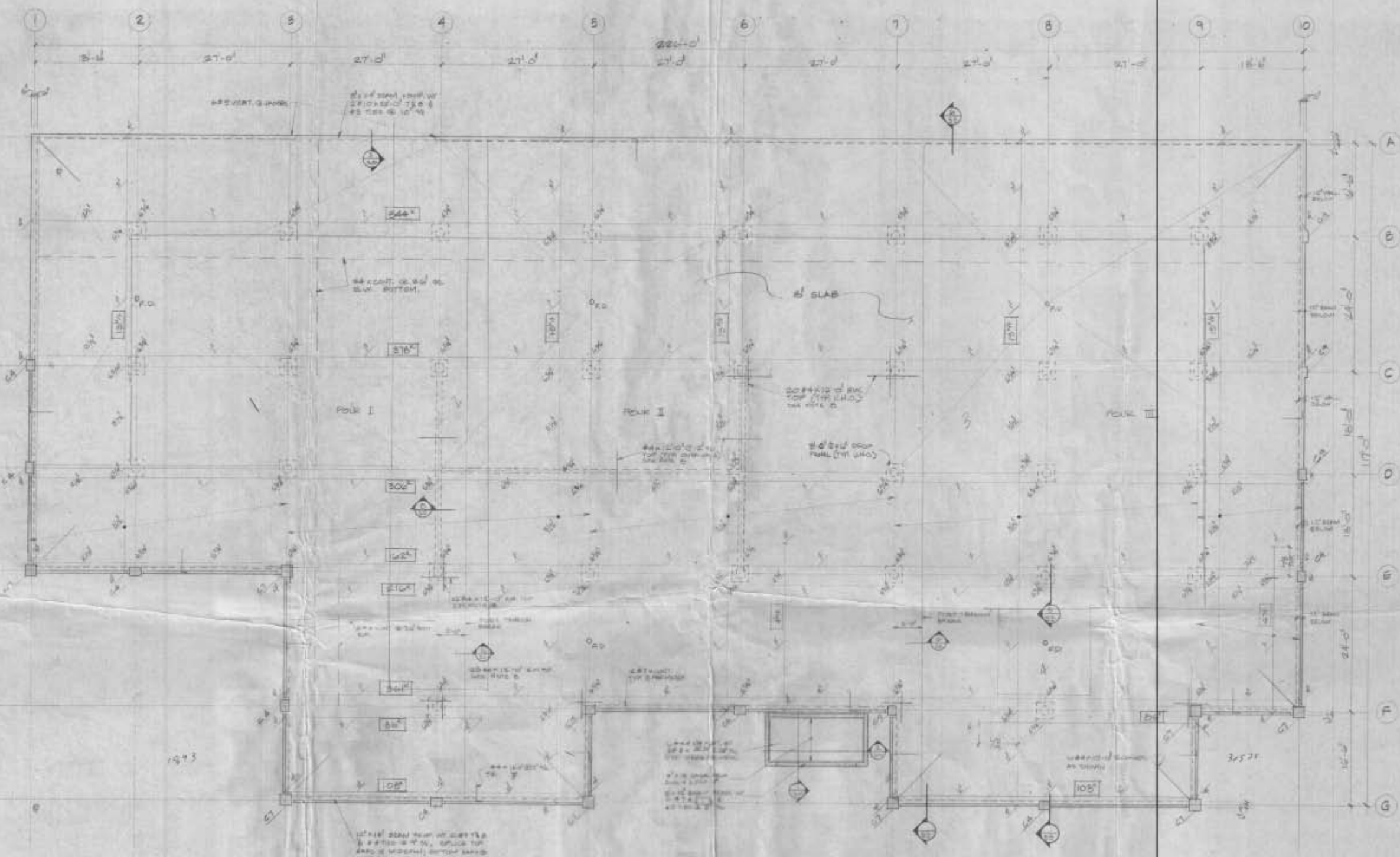
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SHEET NO
M3

MECHANICAL CONSTRUCTORS/ENGINEERS

SHEET TITLE
PARKING LEVEL P-3





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

- NOTES
1. ROOFING SHOWN ARE IN SITS.
 2. GOLF PROFILE DIMENSIONS ARE RELATIVE TO BOTTOM OF SLAB.
 3. CABLE PROFILES SHOWN TO ARE FROM BOTTOM OF BEAM.
 4. SPACE BETWEEN WELLS & GUTTERS.
 5. TEE SHEET 3'-6" FOR TYPICAL JOISTS.
 6. ———— SHOWS TOP STEEL.
 7. ———— SHOWS BOTTOM STEEL.
 8. COLUMNS SHOWN EXCEPT AS NOTED.

JUL 1 1986

Reinforced Masonry and Associates



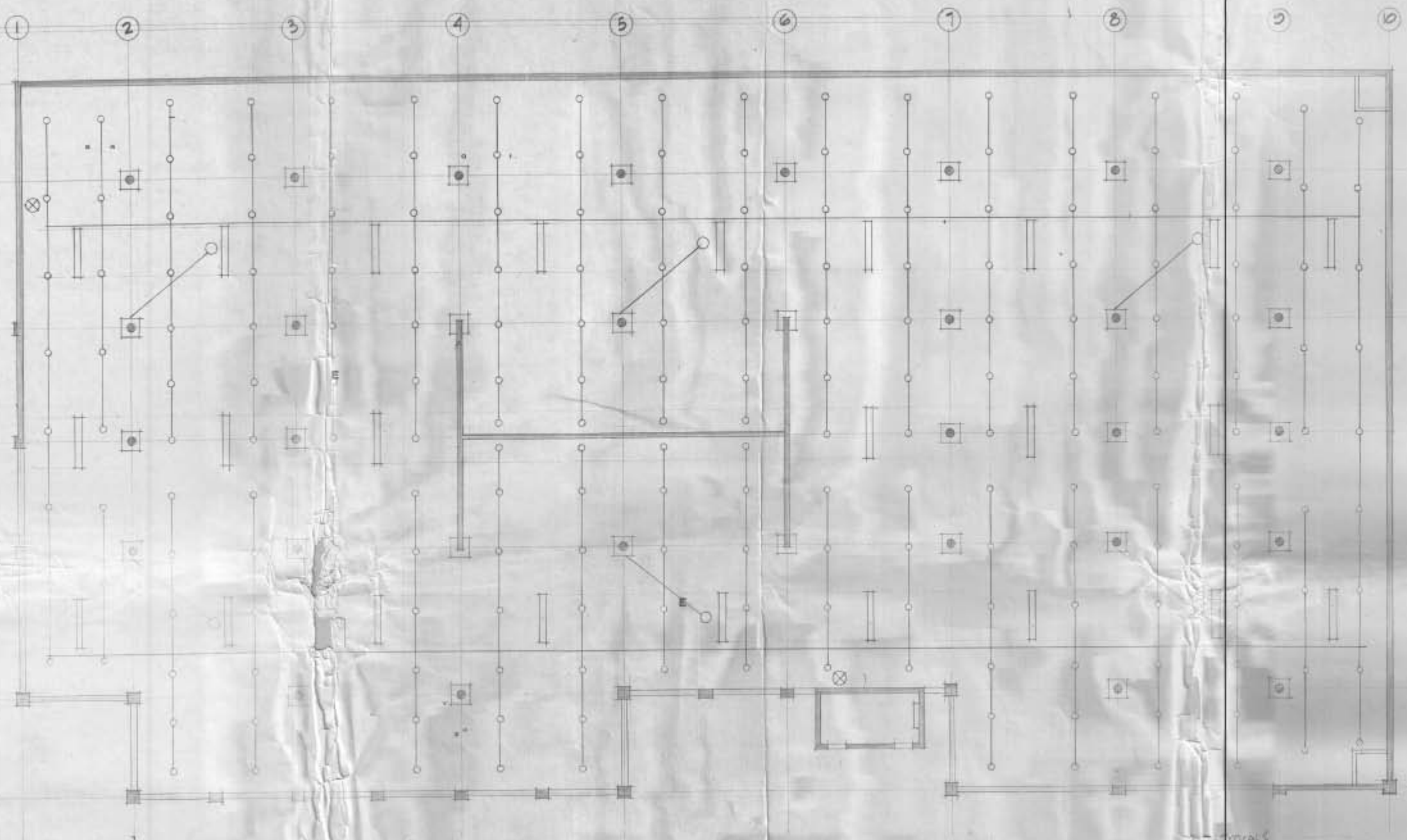
LEVEL P-3 REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"
 SEE LEVEL P-1 REFLECTED CEILING PLAN FOR SYMBOL LEGEND



NOTE: THE FLOOR DRAIN DEPT
 IS LOCATED ON THE SIDE OF THE COLUMN
 AND IS PROTECTED FROM TRAFFIC SEE PAGE P-3

APPROVED
 JUL 03 1990
 PARK CITY BUILDING
 INSPECTION

... ASSOCIATES



A
B
C
D
E
F
G

LEVEL P-2 REFLECTED CEILING PLAN
 SCALE: 1/16" = 1'-0"
 -SEE LEVEL P-1 REFLECTED CEILING PLAN FOR SYMBOLS, LEGEND



TYPICAL 6
 SEE PLAN FOR
 THE LOCATION OF THE
 LIGHT FIXTURES
 SEE PG. 22

APPROVED
 JUL 03 1996
 PARK CITY BUILDING
 INSPECTION



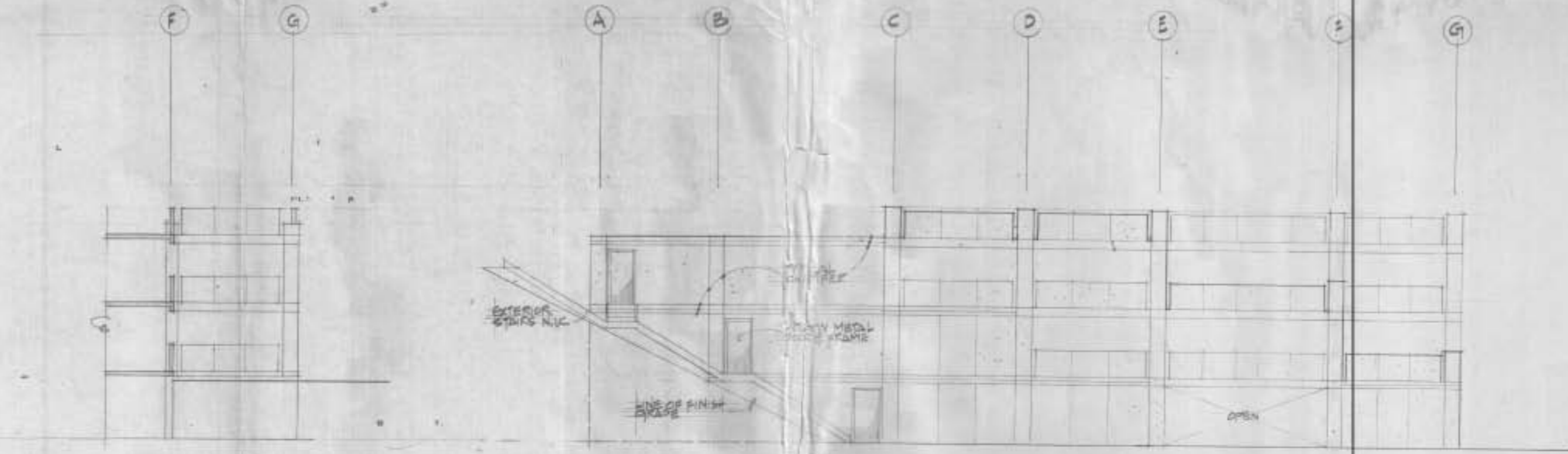
PARKING LEVEL 01



- NOTES
1. REINFORCING BARS AND WELLS
 2. UNLESS OTHERWISE SPECIFIED, ALL REINFORCING TO BE BOTTOM OF SLAB
 3. _____ PROFILE REINFORCING
 4. _____ SQUARE SECTION STEEL
 5. ALL DIMS. IN 2" FOR TYPICAL JOINTS
 6. ALL DIMS. IN 1/2" FOR TYPICAL JOINTS
 7. SEE SPREAD SHEET FOR ALL DETAILS

JUL 3 1966

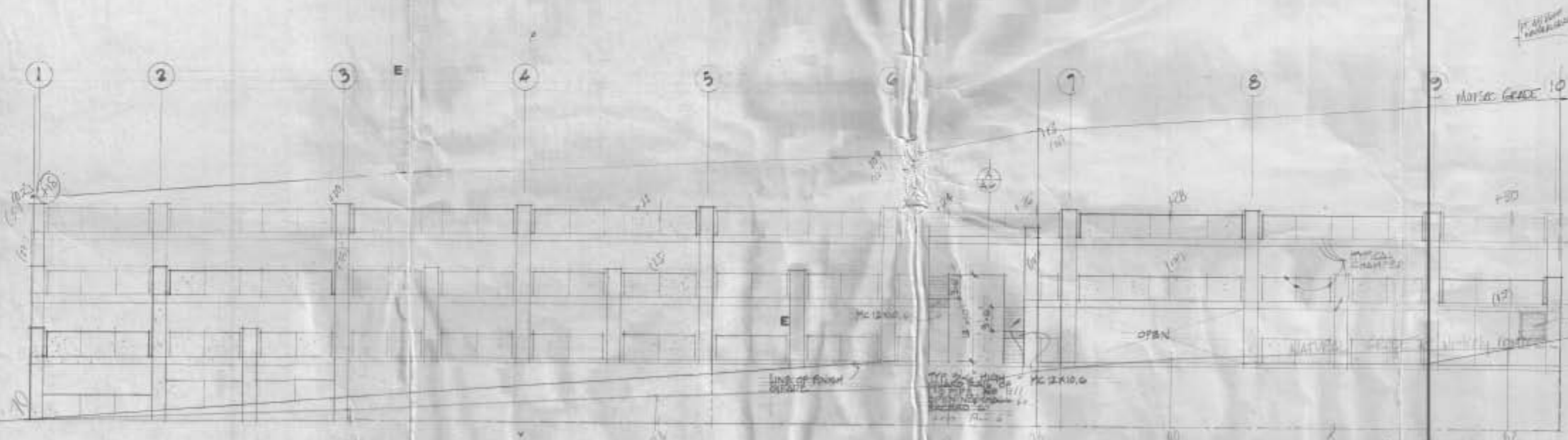




ALCOVE: NORTH ELEVATION/SOUTH SIM.
SCALE: 1/4" = 1'-0"

NORTH ELEVATION
SCALE: 1/8" = 1'-0"

HCB zone extends into HFD zone
four feet from easterly border.



WEST ELEVATION
SCALE: 1/8" = 1'-0"

FAR = $\frac{\text{Floor Area}}{\text{Total lot area}} = 4$

7th-8th Floor
Floor in line with 3rd vertically with grade
provide 42" raised roof, and 1/2" setbacks
and 4" above natural grade.

118.3
(2.1')

MATERIAL SPECIFIED IN SCHEDULE

- ROOF ELEV. 127'-3" 77.3
- LEVEL P1 ELEV. 118'-2" 77.2
- LEVEL P2 ELEV. 105'-1" 77.2
- LEVEL 2.5 ELEV. 106'-0" 77.0

Building made from concrete
we need floor and we need
to be approved and to do the
work
we need approval for specific
floor plan to begin work
and
when done to show it's solid
we need floor plan and building
plans



JOHN D. CARBINE & ASSOCIATES
ARCHITECTS / PLANNERS
P.O. 1864 PARK CITY, UTAH
6/23/86