DOWNTOWN PARKING FACILITY

RAMP A, BLOCKS 83/84

IOWA CITY, IOWA

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iowa city

CARL WALKER & ASSOCIATES, INC.

PARKING CONSULTANTS / ENGINEERS

6100 GOLDEN VALLEY ROAD

MINNEAPOLIS, MINNESOTA 55422

612-546-4316

*Kalamazoo, Michigan
*Minneapolis, Minnesota
*Elgin, Illinois
*Detroit, Michigan

HANSEN LIND MEYER

ARCHITECTURAL CONSULTANT

IOWA CITY, IOWA

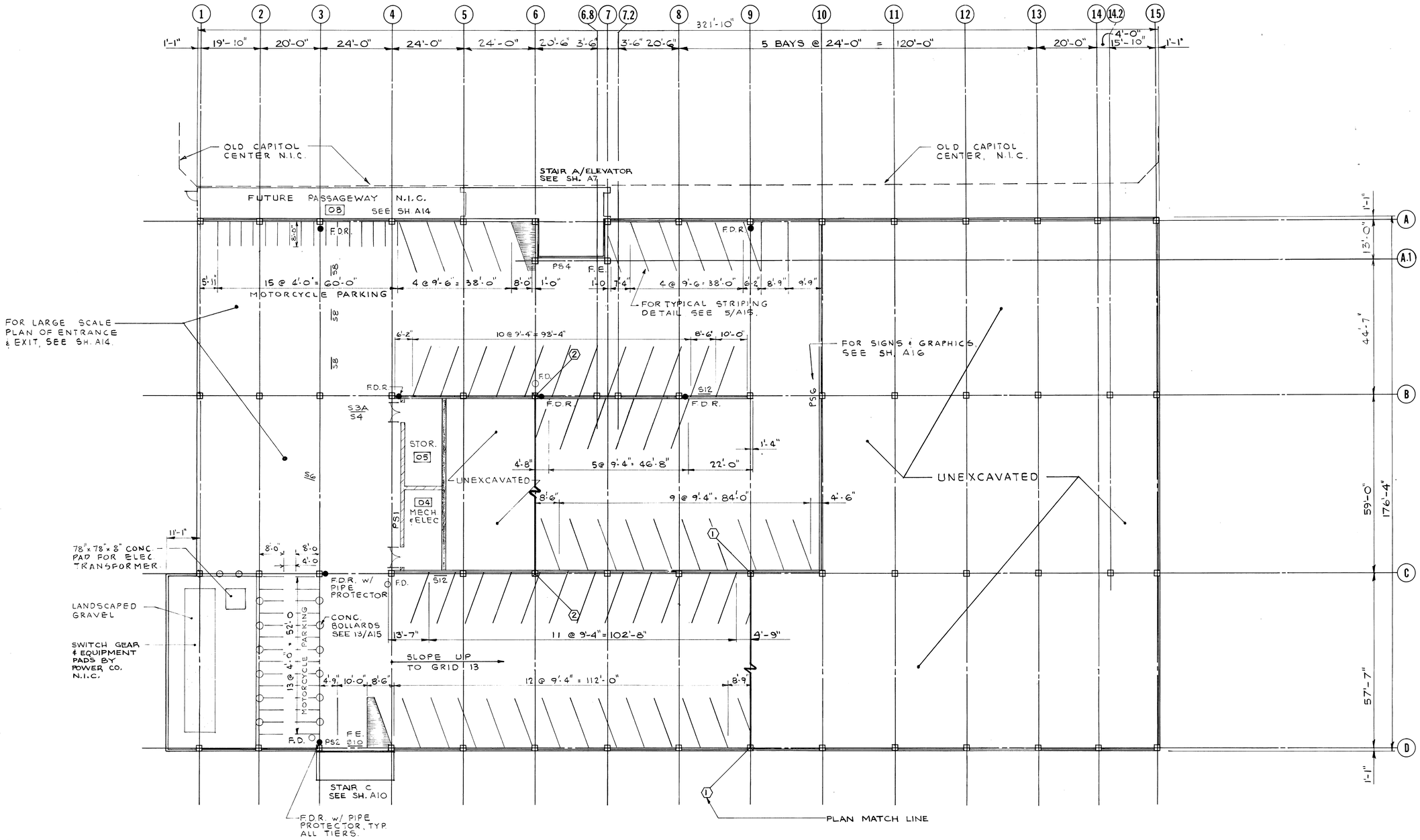
TAC ENGINEERING COMPANY, INC.

MECHANICAL CONSULTANT

HOPKINS, MINNESOTA

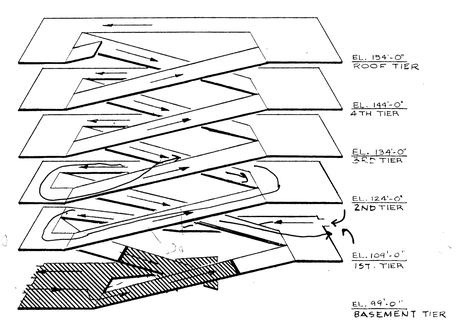
WILLIAM C. ARONS, JR. REGISTERED 6273 IOWA PROFESSIONAL ENGINEER

William C. Arons



NOTE:
42-MOTORCYCLE SPACES PROVIDED AT BSMT. TIER.

CAR TABULATION				
SPACE / TIER	HANDICAPPED	COMPACT	FULL SIZE	TOTAL
BSMT.	NONE	2	61	63
1ST	4	6	165	175
2ND	7	7	167	181
3RD	3	6	174	183
4TH	3	6	174	183
ROOF	3	4	122	129
TOTAL	20	31	863	914



EXPANDED VIEW

N
1/16" = 1'-0"

JOB NO. 41961.0
DATE OCTOBER 9, 1978
PROJECT ENGR. CHURCHILL
DRAWN KUMMER
CHECKED NEU

DOWNTOWN PARKING FACILITY
RAMP A
BLOCK 83/84
IOWA CITY

MARK	DATE	REVISION / RELEASE	INITIAL	APP'D
	10-9-78	FOR BIDDING	JJK	DEN

Kalamazoo, Michigan
Minneapolis, Minnesota
Elgin, Illinois
Detroit, Michigan

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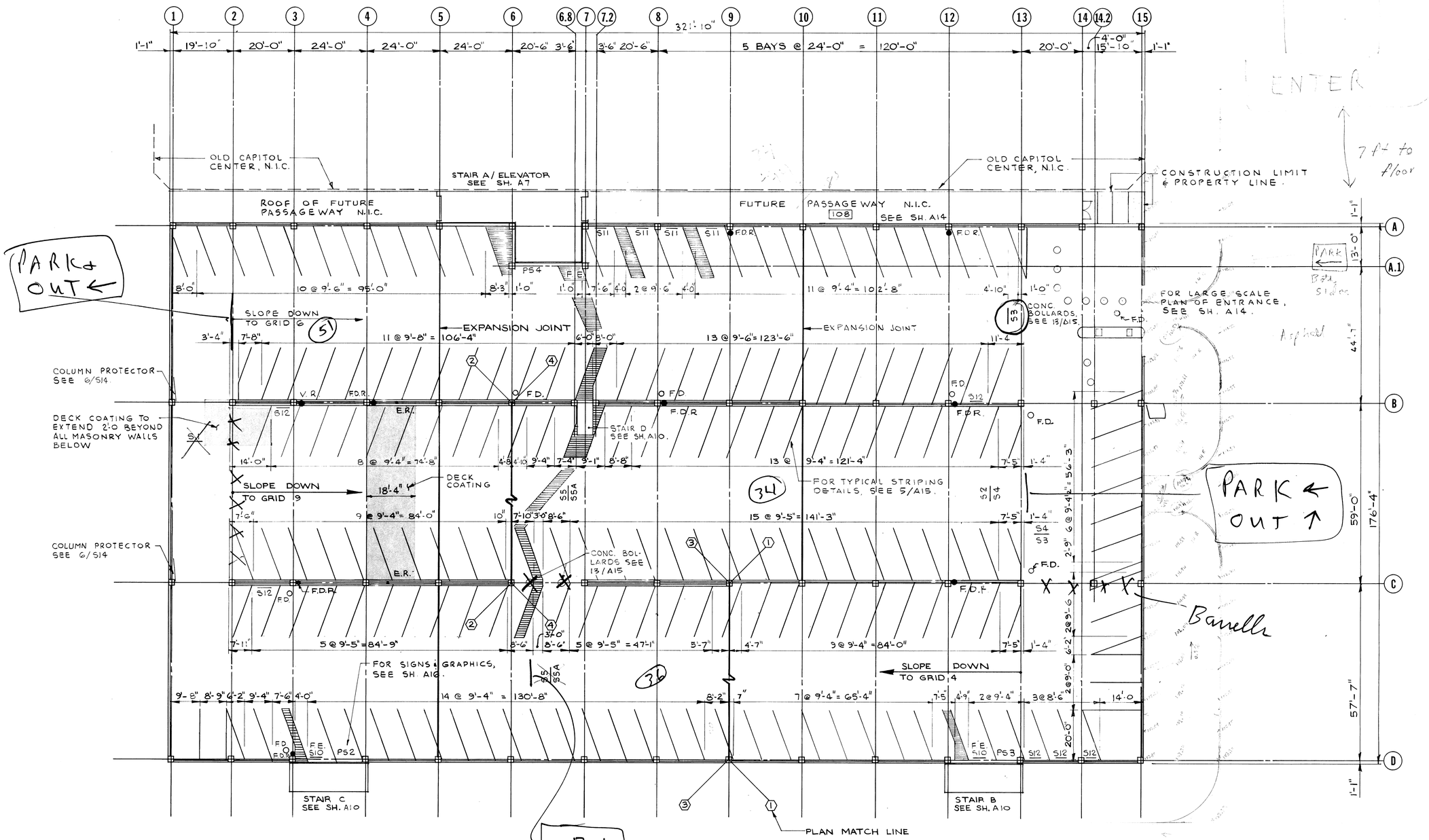
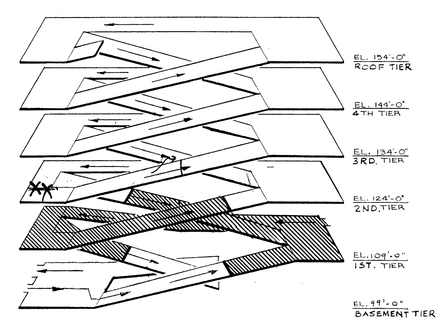
BASEMENT TIER PLAN

A1





EXPANDED VIEW

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JOB NO. 4P8610
DATE OCTOBER 9, 1978
PROJECT ENGR. CHURCHILL
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RAMP A BLOCK 83/84 IOWA

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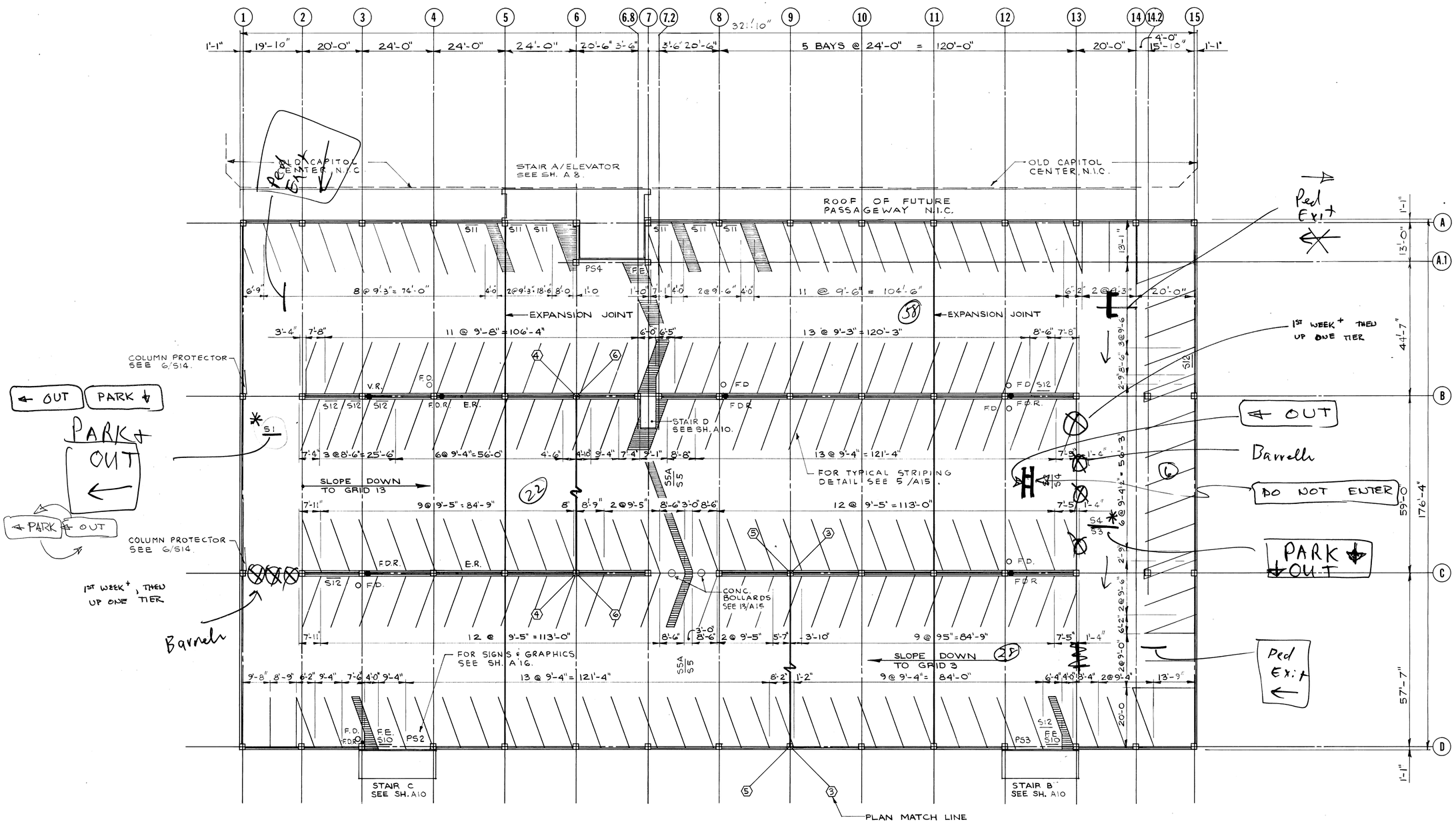
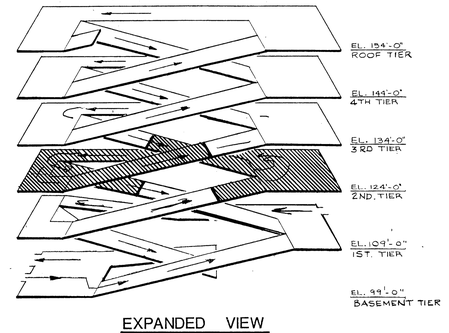
1ST TIER PLAN

A2





EXPANDED VIEW

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RAMP A BLOCK 83/84 IOWA

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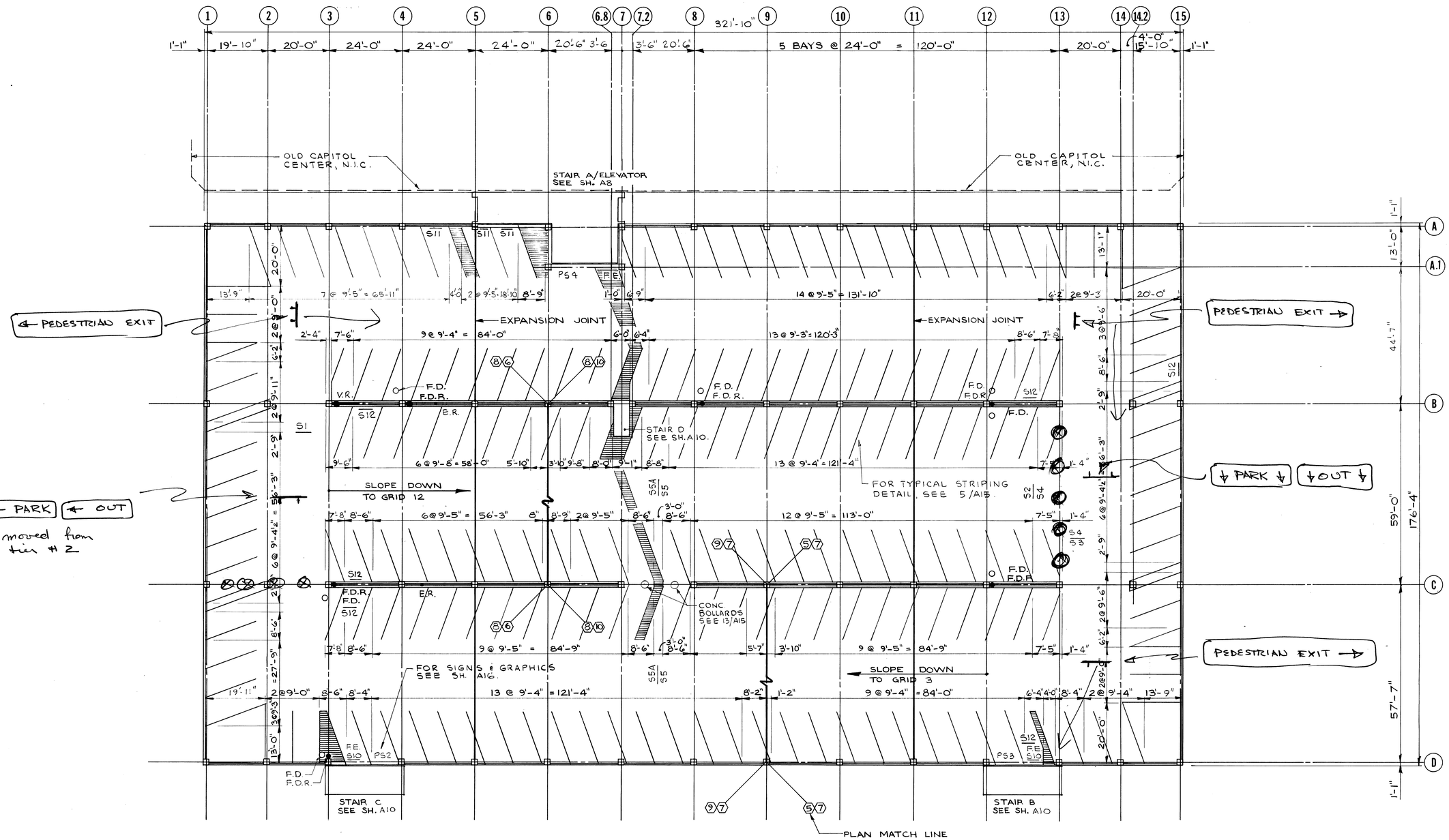
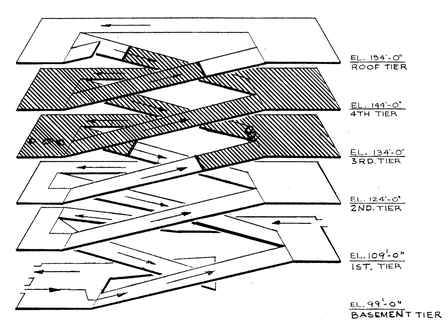
2ND TIER PLAN

A3





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DOWNTOWN PARKING FACILITY

BLOCK 83/84

RAMP A

IOWA CITY IOWA

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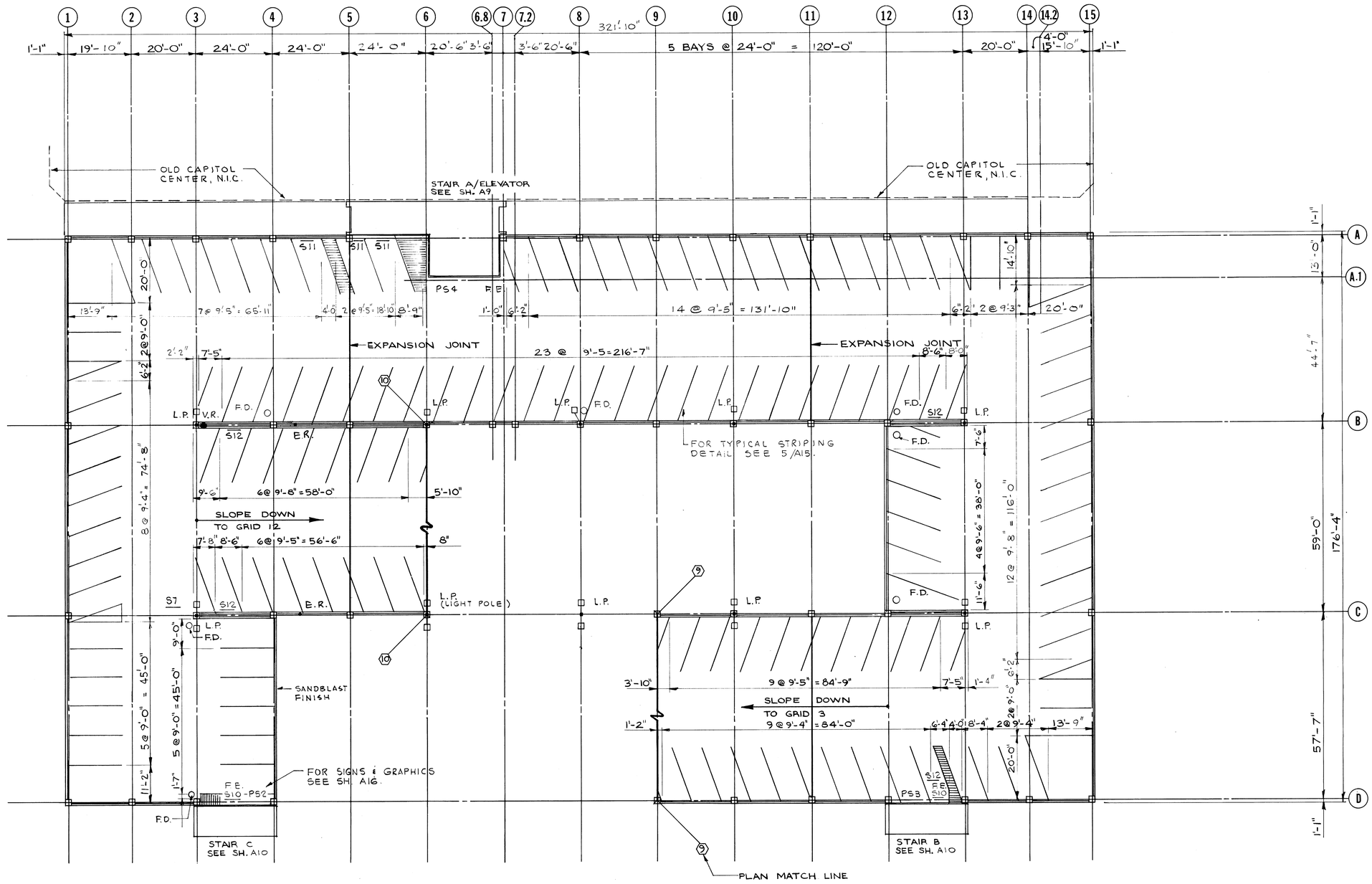
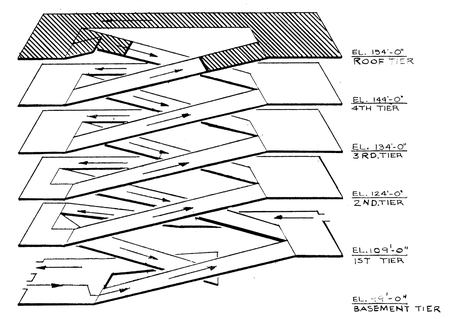
3RD & 4TH TIER PLAN

A4





EXPANDED VIEW

N

1/16" = 1'-0"

JOB NO. 419610
DATE OCTOBER 1978
PROJECT ENGR. CHURCHILL
DRAWN KUMMER
CHECKED NEU

DOWNTOWN PARKING FACILITY

RAMP A BLOCK 83/84 IOWA

IOWA CITY

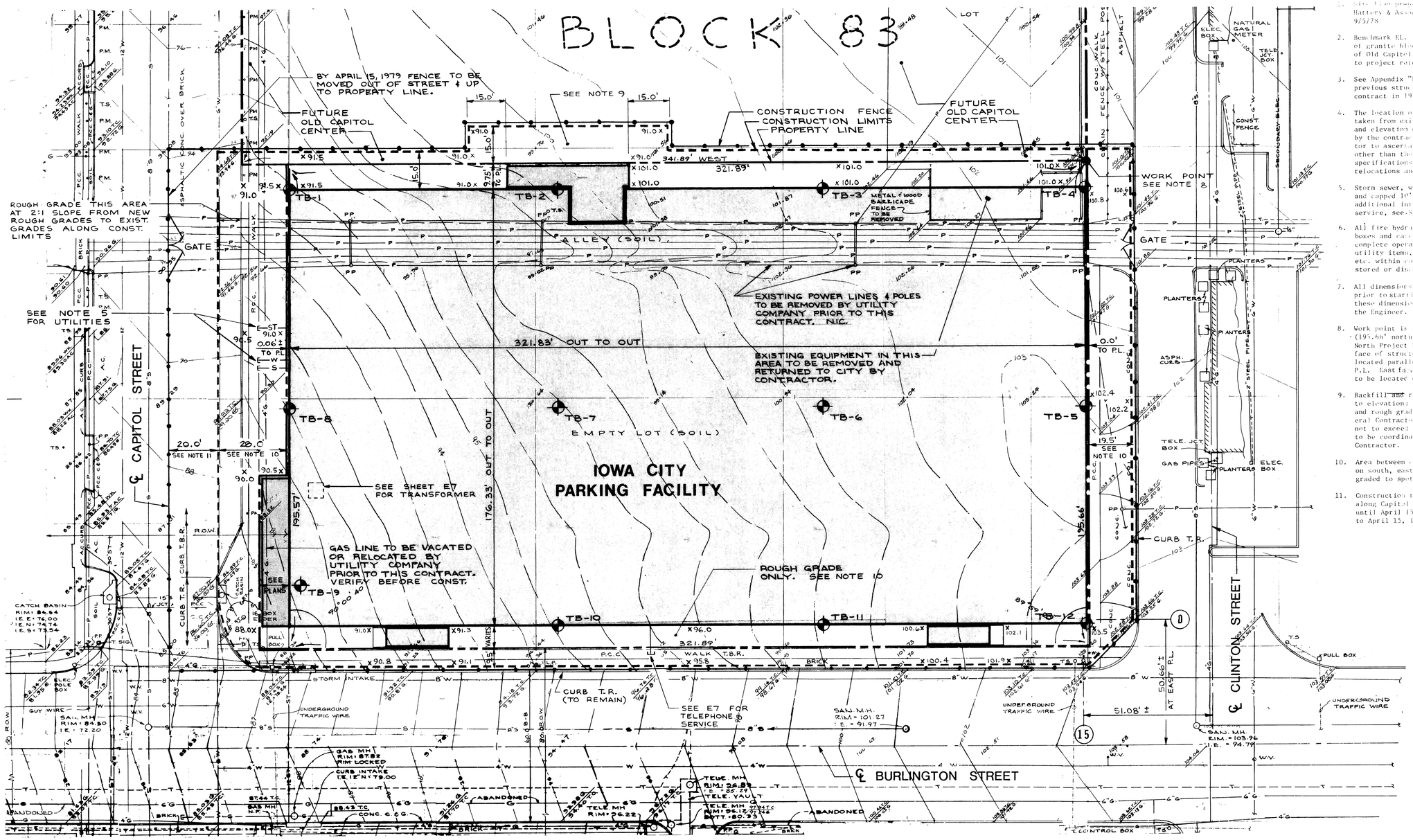
MARK	DATE	REVISION / RELEASE	INITIAL	APP'D
	10-9-78	FOR BIDDING	JJK	DEN

Kalamazoo, Michigan
Minneapolis, Minnesota
Elgin, Illinois
Detroit, Michigan

CARL WALKER & ASSOCIATES, inc.
CONSULTING ENGINEERS

ROOF TIER PLAN

A5



LEGEND

A.C.	ASPHALTIC CONCRETE	R.O.W.	RIGHT OF WAY
B	BOTTOM	SAN. MH.	SANITARY MANHOLE
B-B	BACK OF CURB TO BACK OF CURB	T	TOP
BM	BENCHMARK	T.C. = 84.25	TOP OF CURB ELEVATION
CIP	CAST IRON PIPE	T.S.	TRAFFIC SIGN
℄	CENTERLINE	TYP.	TYPICAL
CMP	CORRUGATED METAL PIPE	VCP	VITRIFIED CLAY PIPE
C & G	CURB AND GUTTER	WK.	WALK
CONC.	CONCRETE	W.V.°	WATER VALVE
Ø	DIAMETER		UTILITY WITH CAPPED END
DIP	DUCTILE IRON PIPE	95	EXISTING CONTOURS
D.N.C.	DEPTH NOT CONFIRMED		FENCE
ELEV.	ELEVATION		CURB WITH CURB CUT
E.N.F. OR N.F.	END NOT FOUND IN FIELD OR NOT FOUND IN FIELD		SIDEWALK RAMP
EXIST.	EXISTING	89.27	SPOT ELEVATION
F.H.	FIRE HYDRANT	-----E-----	UNDERGROUND ELECTRIC LINES
GND.	GROUND	2"G	GAS MAIN (SHOWS SIZE)
G = 83.75	GUTTER ELEVATION	P	OVERHEAD POWER LINES
IE = 75.32	INVERT ELEVATION	8"S	SANITARY SEWER (SHOWS SIZE AND DIRECTION OF FLOW)
L.F.	LINEAL FEET	STM	STEAM LINES
L.P.	LIGHT POLE	12"ST	STORM SEWER (SHOWS SIZE AND DIRECTION OF FLOW)
MH	MANHOLE	-----T-----	UNDERGROUND TELEPHONE LINES
PCC	PORTLAND CEMENT CONCRETE	T	OVERHEAD TELEPHONE LINES
PKG.	PARKING	10"W	WATER MAIN (SHOWS SIZE)
P.M.	PARKING METER		UNDERGROUND TRAFFIC WIRE
P.P.°	POWER POLE		CONSTRUCTION FENCE
P.P.*	POWER POLE WITH ANCHOR		PROPERTY LINE
PROP.	PROPOSED		CONSTRUCTION LIMITS
R	RADIUS	TB-7	TEST BORINGS
RCP	REINFORCED CONCRETE PIPE		
RIM = 87.35	RIM ELEVATION		

1. Site Plan prepared with information furnished by Shive Hattery & Associates. Surveyed 2/13/78 and revised 9/5/78.
2. Benchmark EL. 110.13 (Iowa City Datum) located on top of granite block northwest corner steps at west entrance of Old Capitol. Iowa City Datum EL. 110.13 corresponds to project reference elevation 117.63.
3. See Appendix "B" of the specifications for locations of previous structures in Block 83 removed under separate contract in 1974.
4. The location of all utilities indicated on the plans is taken from existing public records. The exact location and elevation of all public utilities must be determined by the contractor. It shall be the duty of the contractor to ascertain whether any additional facilities other than those shown on the plan may be present. See specifications under "Work by others" for public utility relocations and time schedule.
5. Storm sewer, water and sanitary lines to be stubbed out and capped 10'-0" from structure. See Sheet M1 for additional information. For electrical and telephone service, see Sheet E7
6. All fire hydrants, power poles, traffic signals, mail boxes and carry boxes are to remain and be left in complete operating condition. All parking meters, utility items, trees, shrubbery, paving, walks, curbs, etc. within construction limits to be removed and stored or discarded as directed by the City.
7. All dimensions shown on plan as (±) must be verified prior to starting any construction. Any deviation from these dimensions must be brought to the attention of the Engineer.
8. Work point is the intersection of North Project P.L. (195.66' north of Block 83 South P.L.) and East P.L. North Project P.L. is 90° 00' 00" to East P.L. North face of structure (1.08' north of Grid A) to be located parallel to and 9.75' south of North Project P.L. East face of structure (1.08' east of Grid D) to be located on East P.L.
9. Backfill ~~and~~ rough grade along north side of structure to elevations shown thus on plan (x 91.0). Backfilling and rough grading to be closely coordinated with General Contractor of Old Capitol Center. Excavation costs not to exceed 1:1 scope. Removal of construction fence to be coordinated with the Old Capitol Center General Contractor.
10. Area between construction limits and face of structure on south, east and west sides of structure to be rough graded to spot elevations shown thus on plan (x 102.1).
11. Construction trailers and equipment shall be located along Capitol Street within the construction fence, until April 15, 1979. Verify relocation with City prior to April 15, 1979.

JOB NO. 419610
DATE OCTOBER 9, 1978
PROJECT ENGR. CHURCHILL
DRAWN KUMMER
CHECKED NEU

DOWNTOWN PARKING FACILITY

RAMP A
BLOCK 83/84
IOWA CITY IOWA

MARK	DATE	REVISION RELEASE
0	7-7-78	FOR BIDDING
1	11-13-78	
2	1-19-79	

Kalamazoo, Michigan
Minneapolis, Minnesota
Elgin, Illinois
Detroit, Michigan

CARL WALKER & ASSOCIATES, inc.
CONSULTING ENGINEERS

SITE PLAN

C1