

CITY OF MADISON

2026 PARKING GARAGE MAINTENANCE
MADISON, WISCONSIN
CITY OF MADISON CONTRACT NO. 9751
BID DOCUMENTS



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CLIENT:



Madison Municipal Building
215 Martin Luthing King Blvd
Suite 109
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PROJECT TITLE:

2026 PARKING GARAGE
MAINTENANCE

ISSUE:

1 02/02/2026 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 2026-5003.00
DATE: 02/02/2026
DRAWN BY: DSW
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APPROVED BY: DFW
SCALE: AS NOTED

SHEET TITLE:

COVER SHEET

SHEET NUMBER:

G001



SHEET INDEX

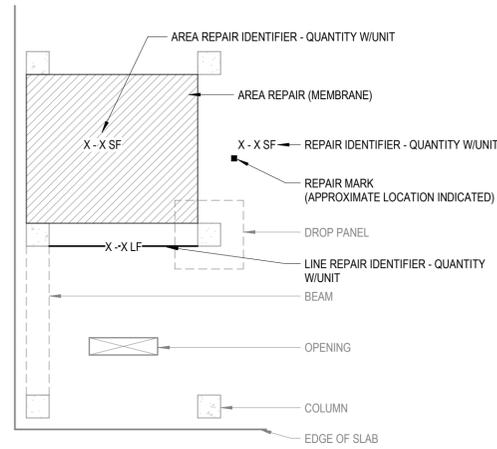
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ESTIMATED PLAN QUANTITIES

PAY ITEM	X - X UNIT DESCRIPTION	DETAIL REFERENCE(S)	UNITS	CSN QTY	SSCO QTY	WSG QTY	SLS QTY	CONT. QTY	TOTAL QTY
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501	SF	0	4	1	1	1	7
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501	SF	5	13	0	0	2	20
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501	SF	18	52	0	79	14	163
4	CONCRETE BEAM SPALL REPAIR	B3 / S501	SF	6	2	1	22	3	34
5	CONCRETE STAIR SPALL REPAIR	C1 / S502	SF	0	5	0	0	1	6
6	FULL SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A	SF	15	10	70	0	5	100
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A	SF	0	100	60	0	7	167
8	CLEAN AND PAINT EXPOSED REBAR	N/A	LF	3	14	0	0	1	18
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501	LF	0	38	0	173	40	251
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501	LF	0	0	2750	0	0	2750
11	CMU CRACK/MORTAR JOINT REPAIR	N/A	LF	0	12	12	27	3	54
12	CMU REPLACEMENT	N/A	SF	2	0	0	0	1	3
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A	LF	20	257	20	56	33	386
14	REPLACE EXPANSION JOINT HEADER	N/A	LF	20	0	0	0	1	21
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A	SF	0	0	0	1	1	2
16	REPLACE FAILED CONCRETE ANCHOR	N/A	EACH	1	0	3	5	1	10
17	EPOXY INJECTION OF TOPPING SLABS	N/A	SF	0	933	0	0	45	978
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502	EACH	2	0	0	0	0	2
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501	LF	0	0	6	187	0	193

CONCRETE REPAIR PLAN LEGEND



ABBREVIATIONS

1WAY	ONE-WAY	LD BRG	LOAD-BEARING
AB	ANCHOR BOLT	LDH	LONG DIMENSION HORIZONTAL
ADDL	ADDITIONAL	LDV	LONG DIMENSION VERTICAL
ADDM	ADDENDUM	LL	LIVE LOAD
AHU	AIR HANDLING UNIT	LLBB	LONG LEG BACK TO BACK
ALT	ALTERNATE	LLH	LONG LEG HORIZONTAL
APPROX	APPROXIMATE	LLV	LONG LEG VERTICAL
AR	AS REQUIRED	LVL	LAMINATED VENEER LUMBER
ARCH	ARCHITECT	LVR	LOUVER
		M	MOMENT
B PL	BASE PLATE	MAX	MAXIMUM
B/B	BACK TO BACK	MBR	MEMBER
BC	BOTTOM CHORD	MC	MOMENT CONNECTION
BF	BOTH FACES	MD	METAL DECK
BF	BOTTOM FACE	MECH	MECHANICAL
BM	BEAM	MEZZ	MEZZANINE
BO	BOTTOM OF _ (REFER TO TOP OF _)	MFR	MANUFACTURER
BTM	BOTTOM	MFR REC	MANUFACTURER'S RECOMMENDATION
BRDG	BRIDGING	MID	MIDDLE
BRG PL	BEARING PLATE	MIN	MINIMUM
BS	BOTH SIDES	MISC	MISCELLANEOUS
BSMT	BASEMENT	ML	MONOLITHIC
BW	BOTH WAYS	MO	MASONRY OPENING
		MTL	METAL
C	CHANNEL	MULT	MULTIPLE
C TO C	CENTER TO CENTER	N	NORTH
CANTIL	CANTILEVER	NF	NEAR FACE
CIP	CAST-IN-PLACE	NIC	NOT IN CONTRACT
CJ	CONSTRUCTION JOINT	NLB	NON-LOAD-BEARING
CJ	CONTROL JOINT	NO	NUMBER
CL	CENTER LINE	NOM	NOMINAL
CMU	CONCRETE MASONRY UNIT	NS	NEAR SIDE
COL	COLUMN	NTS	NOT TO SCALE
CONC	CONCRETE		
CONN	CONNECT	OC	ON CENTER
CONSTR	CONSTRUCTION	OD	OUTSIDE DIAMETER
CONT	CONTINUE/CONTINUOUS	OF	OUTSIDE FACE
CONTR	CONTRACTOR	OPNG	OPENING
CPRS	COMPRESSIBLE	OPH	OPPOSITE HAND
CTRL	CONTROL	OPP	OPPOSITE
CU FT	CUBIC FEET	OPT	OPTIONAL
CU IN	CUBIC INCH	OIO	OUT TO OUT
CU YD	CUBIC YARD	PCC	PRECAST CONCRETE
D	DEEP	PCF	POUNDS PER CUBIC FOOT
D	DEPTH	PL	PLATE
DBE	DECK BEARING ELEVATION	PLF	POUNDS PER LINEAR FOOT
DBL	DOUBLE	PLYWD	PLYWOOD
DEG	DEGREE	PRCST	PRECAST
DET	DETAIL	PRELIM	PRELIMINARY
DEMO	DEMOLITION	PS CONC	PRESTRESSED CONCRETE
DIA	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DIAG	DIAGONAL	PSI	POUNDS PER SQUARE INCH
DIM	DIMENSION	PT	POST-TENSIONED
DIR	DIRECTION	PT	PRESSURE TREATED
DL	DEAD LOAD	PT CONC	POST-TENSIONED CONCRETE
DWG	DRAWING	QTY	QUANTITY
E	EAST	R	RADIUS
EA	EACH	RD	ROOF DRAIN
EE	EACH END	REF	REFERENCE
EF	EACH FACE	REINF	REINFORCE
EJ	EXPANSION JOINT	REQD	REQUIRED
EL	ELEVATION	REV	REVISION
ELEC	ELECTRIC	RS	ROUGH SAWN
ELEV	ELEVATOR	RTU	ROOF TOP UNIT
ENGR	ENGINEER	S	SOUTH
EOD	EDGE OF DECK	SCHED	SCHEDULE
EOG	EDGE OF GRATING	SCHEM	SCHEMATIC
EOS	EDGE OF SLAB	SE	STRUCTURAL ENGINEER
EQ	EQUAL	SECT	SECTION
EQL SP	EQUALLY SPACED	SF	SQUARE FOOT (FEET)
EQUIP	EQUIPMENT	SHT	SHEET
EQUIV	EQUIVALENT	SIM	SIMILAR
EW	EACH WAY	SL	SLAB
EXC	EXCAVATE	SLBB	SHORT LEG BACK TO BACK
EXIST, (E)	EXISTING	SP	SUMP PIT
EXP	EXPANSION	SPCL	SPECIAL
EXP BT	EXPANSION BOLT	SPEC	SPECIFICATION
EXT	EXTERIOR	SQ	SQUARE
FD	FLOOR DRAIN	SQ IN	SQUARE INCH
FDTN	FOUNDATION	SQ YD	SQUARE YARD
FF	FAR FACE	STD	STANDARD
FLR	FLOOR	STIF	STIFFENER
FR	FRAME	STL JST	STEEL JOIST
FS	FAR SIDE	STRUC	STRUCTURAL
FSTNR	FASTENER	SYMM	SYMMETRICAL
FT	FEET	T&B	TOP AND BOTTOM
FTG	FOOTING	TB	THROUGH BOLT
FUT	FUTURE	TC	TOP CHORD
GA	GAGE	TEMJ	TOP ELEVATION MATCHES JOIST
GALV	GALVANIZED	TEMP	TEMPORARY
GC	GENERAL CONTRACTOR	THK	THICKNESS
GLU LAM	GLUE LAMINATED WOOD	THRU	THROUGH
GR BM	GRADE BEAM	TOB	TOP OF BEAM
GRTG	GRATING	TOC	TOP OF CONCRETE
H	HIGH	TOD	TOP OF DECK
HDR	HEADER	TOF	TOP OF FOUNDATION
HGR	HANGER	TOG	TOP OF GRATING
HORIZ, H	HORIZONTAL	TOP	TOP OF PIER
HS	HIGH STRENGTH	TOS	TOP OF STEEL
HSKPG	HOUSEKEEPING	TOW	TOP OF WALL
HT	HEIGHT	TS	TUBE STEEL
		TYP	TYPICAL
I	MOMENT OF INERTIA	UNO	UNLESS NOTED OTHERWISE
ID	INSIDE DIAMETER	VAR	VARIES
IF	INSIDE FACE	VERT, V	VERTICAL
INFO	INFORMATION	VIF	VERIFY IN FIELD
INT	INTERIOR	W	WEST
JST	JOIST	W	WIDE
JST BRG	JOIST BEARING	WI	WITH
K	KIP	W/O	WITHOUT
KB	KNEE BRACE	WBL	WOOD BLOCKING
KIP	THOUSAND POUNDS	WD	WOOD
KLF	KIPS PER LINEAR FOOT	WF	WIDE FLANGE
KOP	KNOCK OUT PANEL	WP	WORK POINT
KSF	KIPS PER SQUARE FOOT	WT	WEIGHT
KSI	KIPS PER SQUARE INCH	WWF	WELDED WIRE FABRIC
KWY	KEYWAY	WWM	WELDED WIRE MESH
L	ANGLE	YD	YARD
LATL	LATERAL		
LB	POUND		



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SHEET TITLE:

ESTIMATED PLAN QUANTITIES

SHEET NUMBER:

G002



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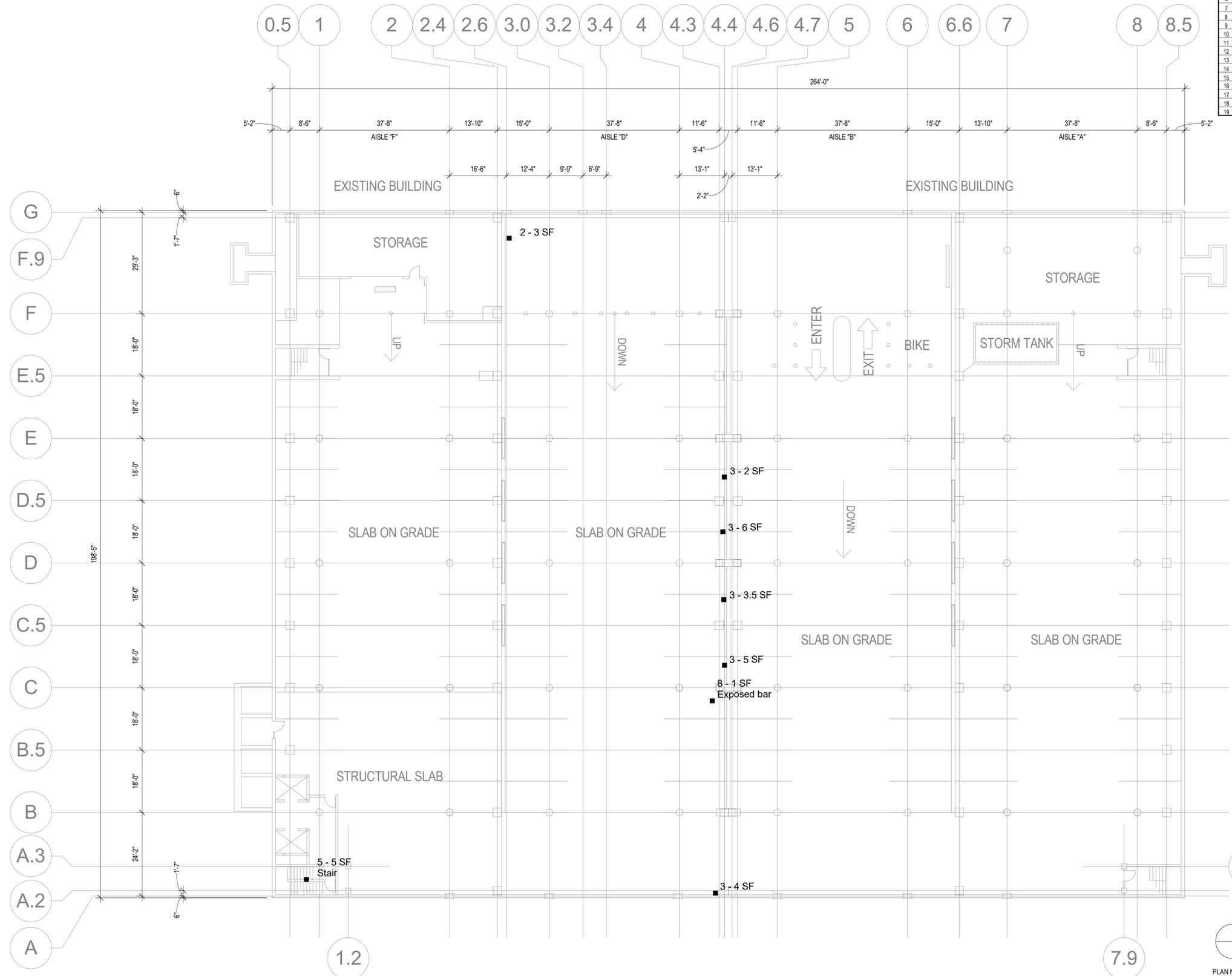
SHEET TITLE:

STATE STREET CAPITOL LOWER
LEVEL PLAN

SHEET NUMBER:

SC-S100

ITEM	X - UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



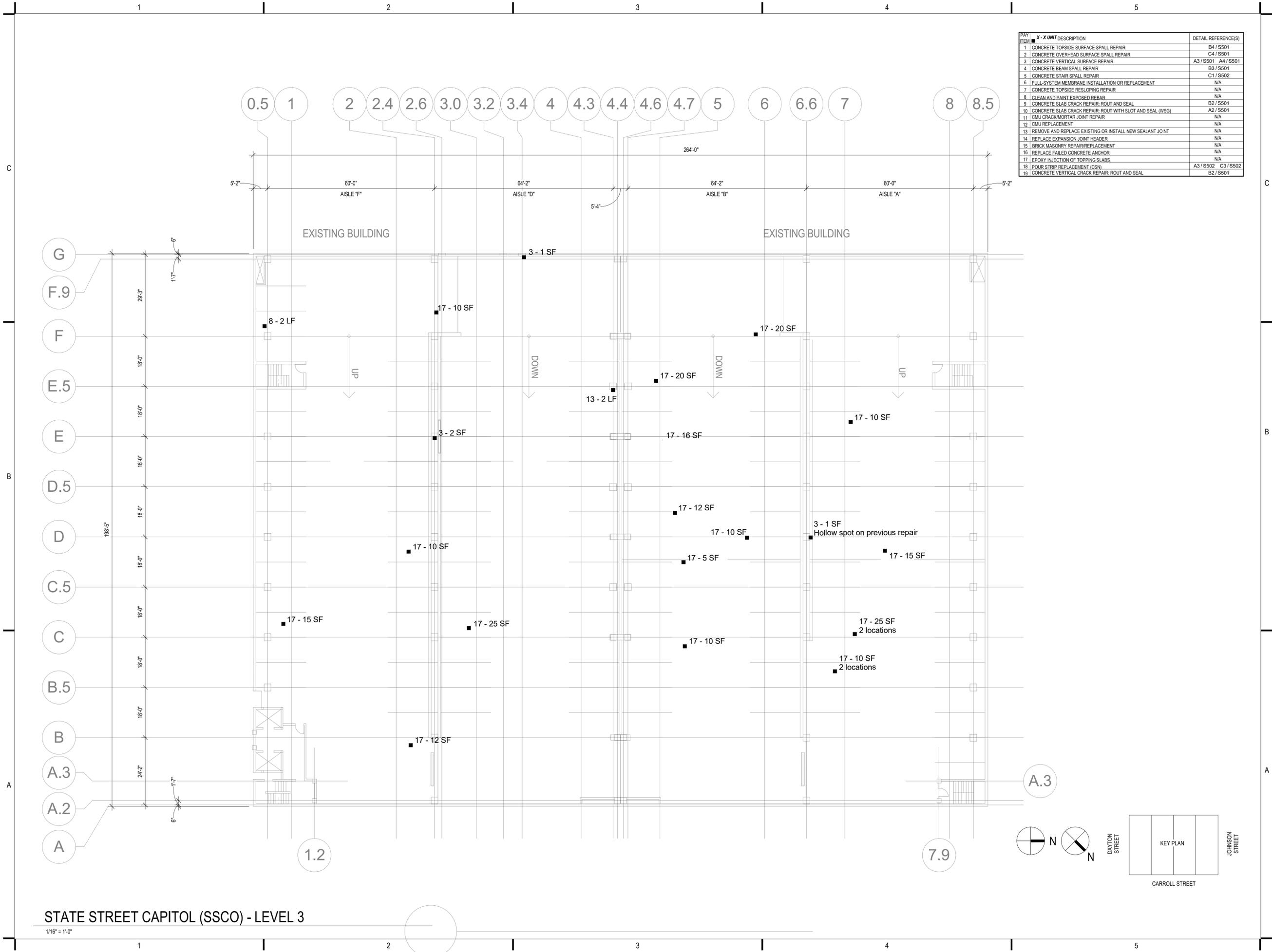
STATE STREET CAPITOL (SSCO) - LOWER LEVEL

1/16" = 1'-0"

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ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4/S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4/S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3/S501 A4/S501
4	CONCRETE BEAM SPALL REPAIR	B3/S501
5	CONCRETE STAIR SPALL REPAIR	C1/S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2/S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2/S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3/S502 C3/S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2/S501



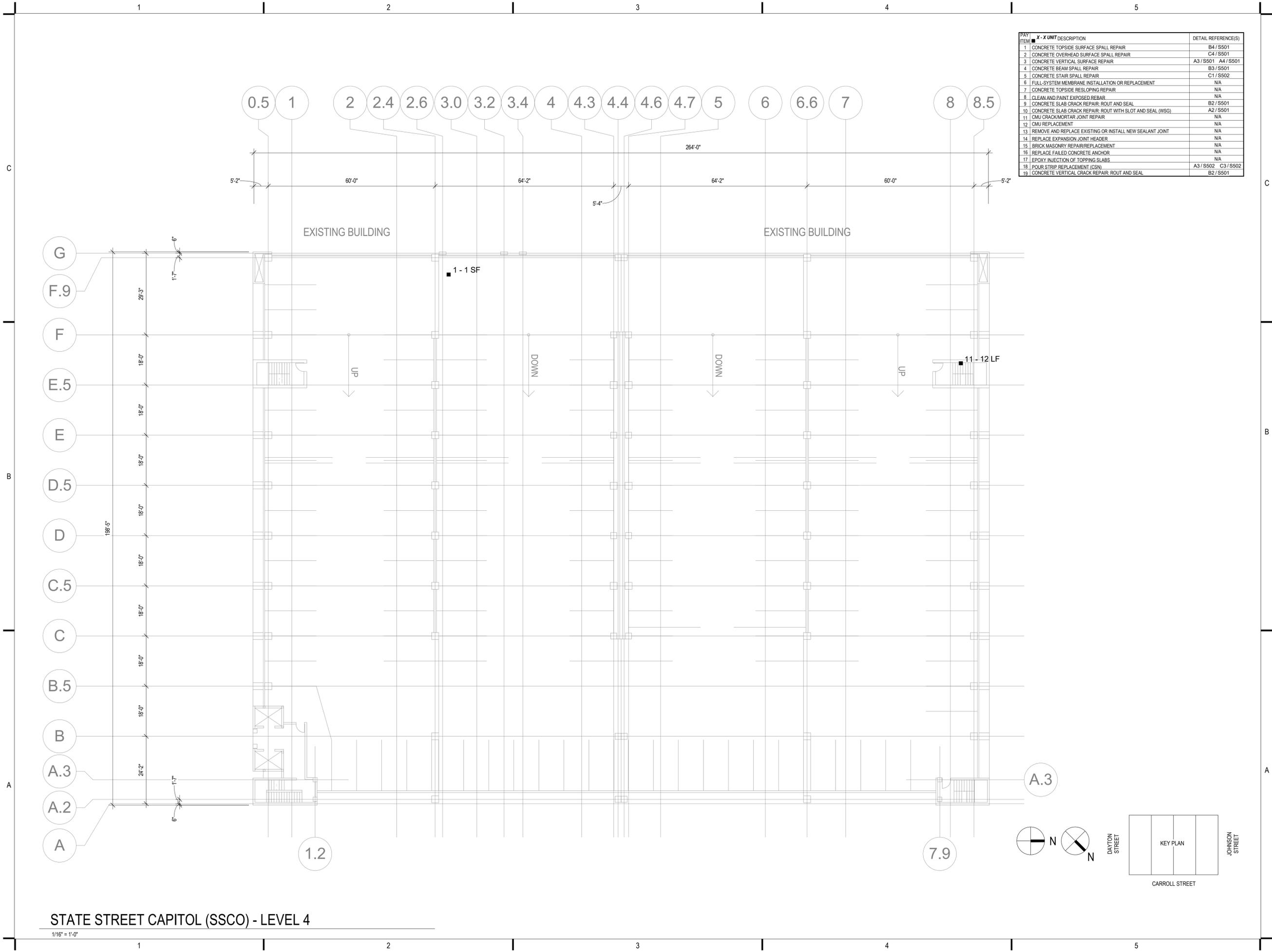
STATE STREET CAPITOL (SSCO) - LEVEL 3

1/16" = 1'-0"

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ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4/S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4/S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3/S501 A4/S501
4	CONCRETE BEAM SPALL REPAIR	B3/S501
5	CONCRETE STAIR SPALL REPAIR	C1/S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2/S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2/S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3/S502 C3/S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2/S501



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STATE STREET CAPITOL (SSCO) - LEVEL 4

1/16" = 1'-0"

1

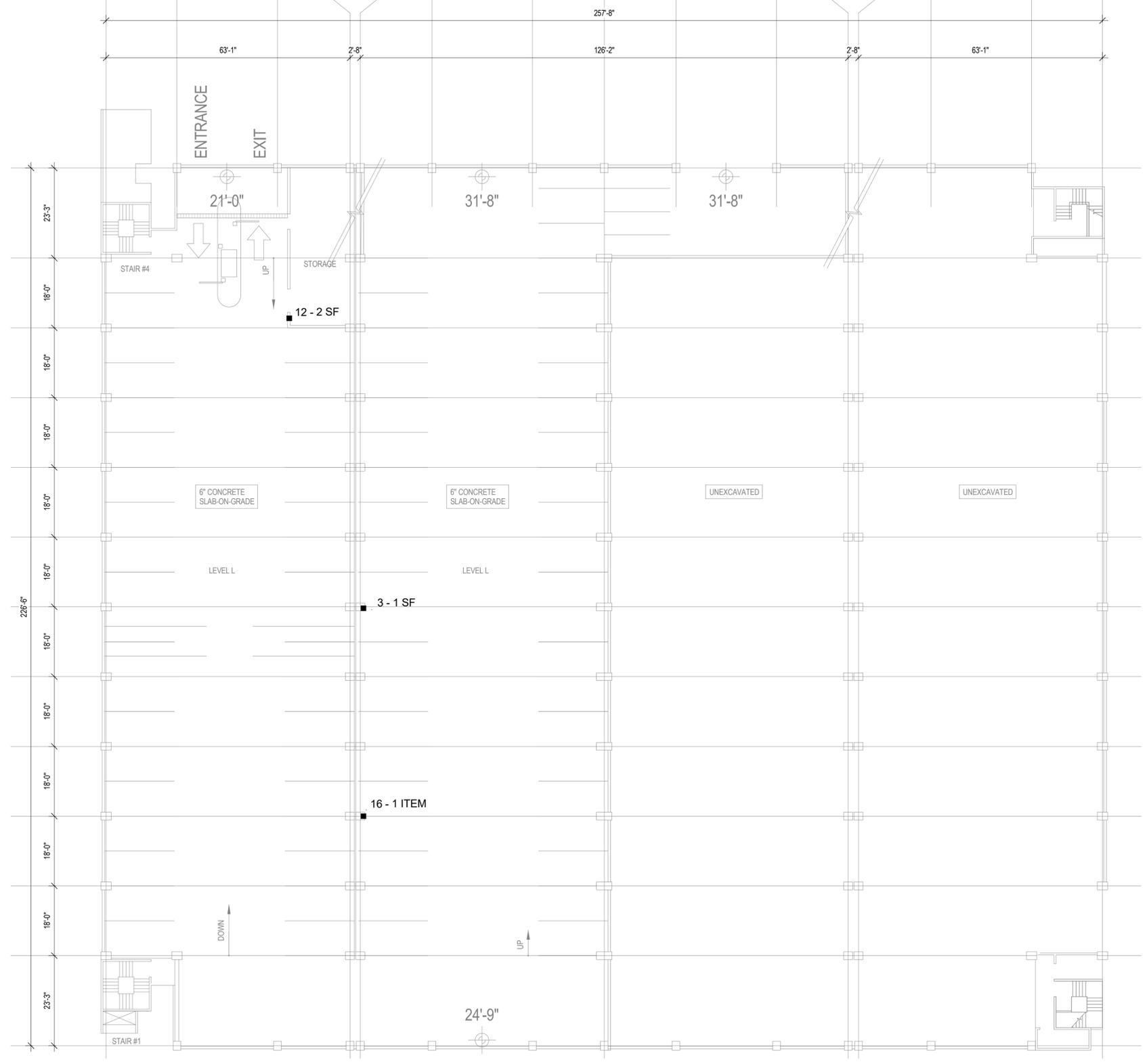
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3

4

5

A A.3 A.7 B C C.3 C.7 D D.3 D.7 E F F.3 F.7 G



ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4/S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4/S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3/S501 A4/S501
4	CONCRETE BEAM SPALL REPAIR	B3/S501
5	CONCRETE STAIR SPALL REPAIR	C1/S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2/S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2/S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3/S502 C3/S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2/S501



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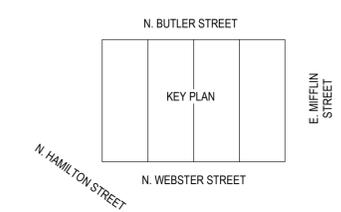
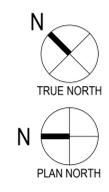
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SHEET TITLE:

CAPITOL SQUARE NORTH LOWER
LEVEL PLAN

SHEET NUMBER:

CN-S100



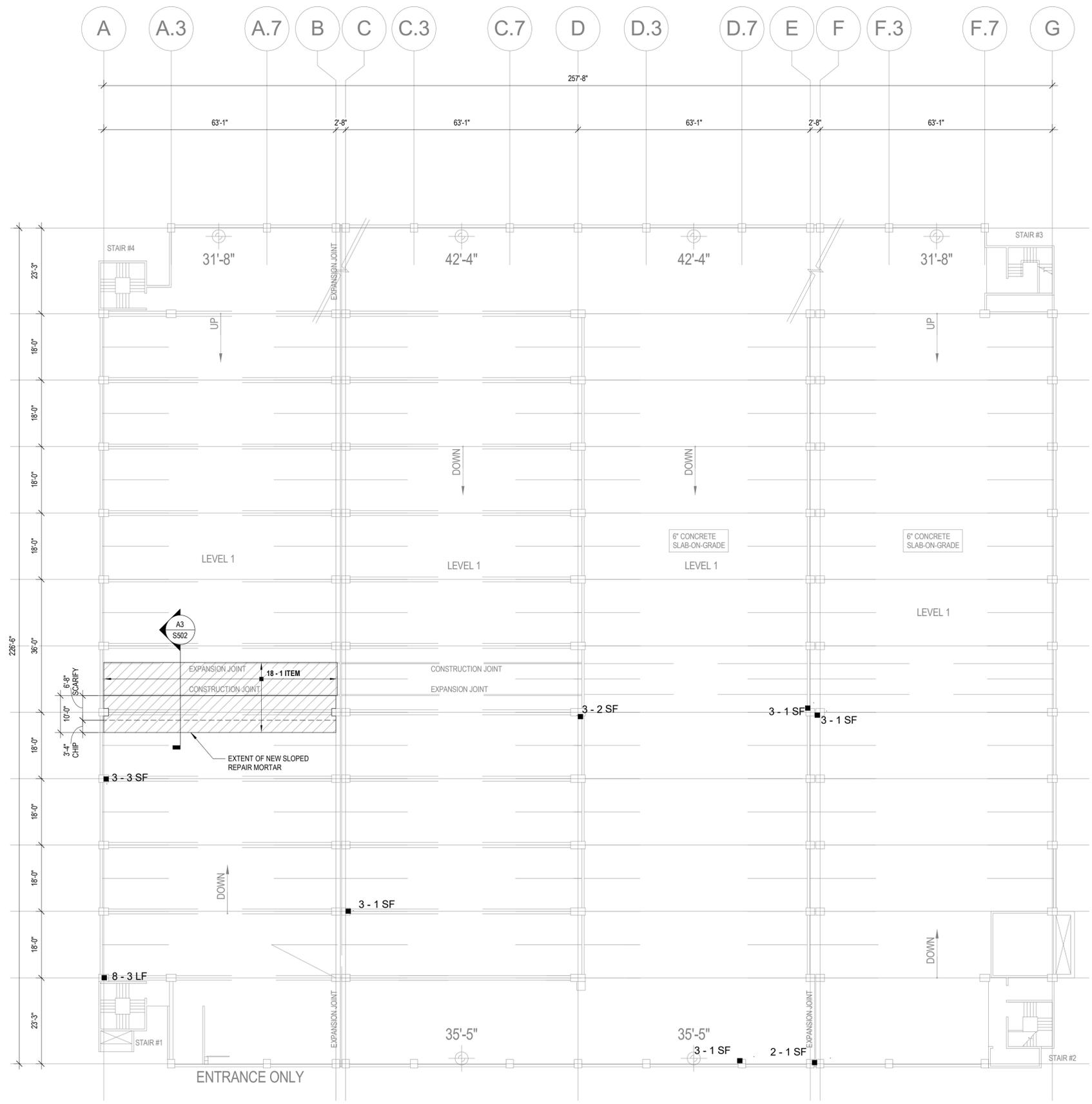
CAPITOL SQUARE NORTH (CSN) - LOWER LEVEL

1/16" = 1'-0"

2/4/2026 1:20:14 PM



ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



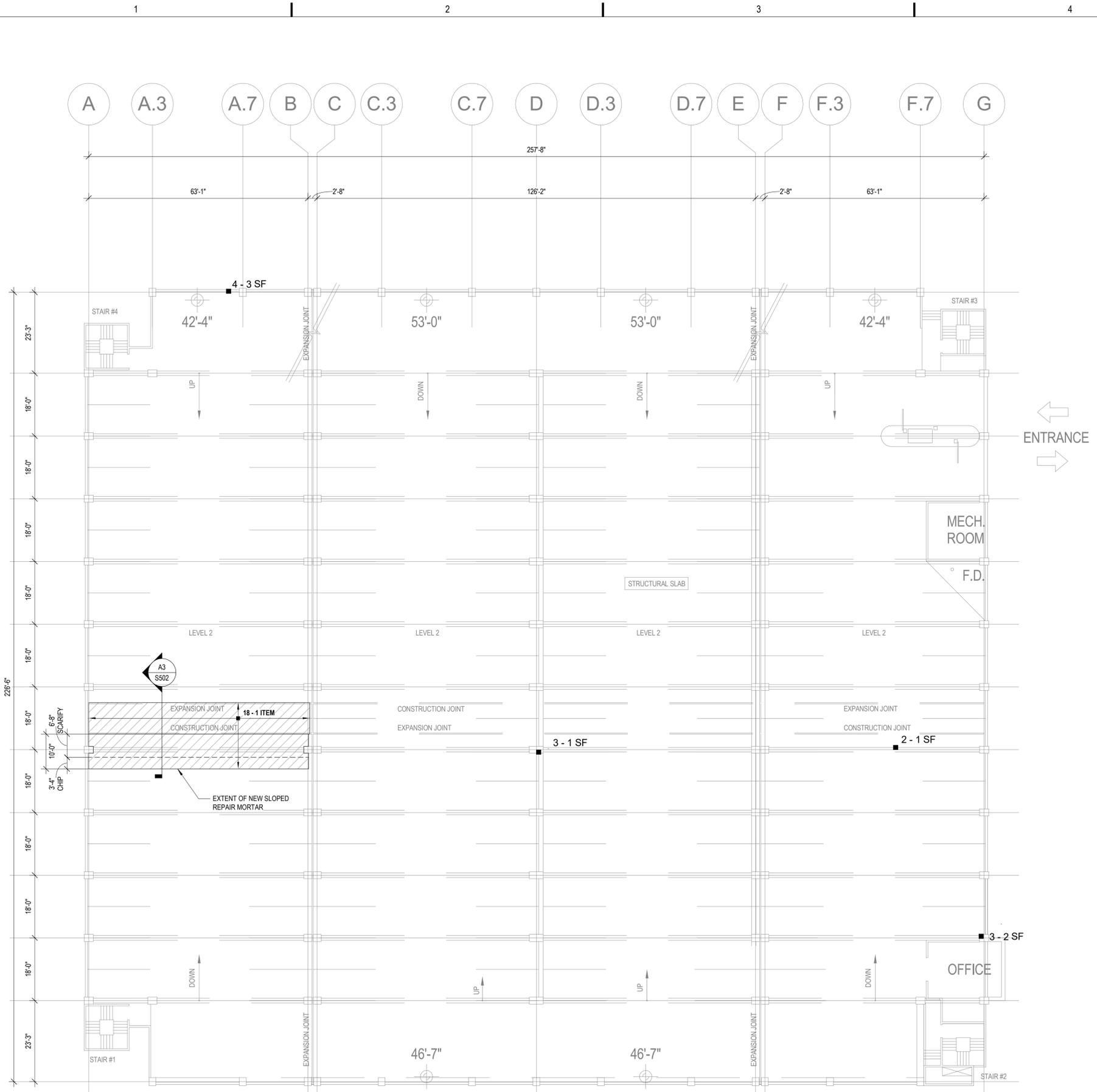
CAPITOL SQUARE NORTH (CSN) - LEVEL 1 PLAN

1/16" = 1'-0"

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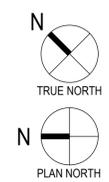


ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



CAPITOL SQUARE NORTH (CSN) - LEVEL 2 PLAN

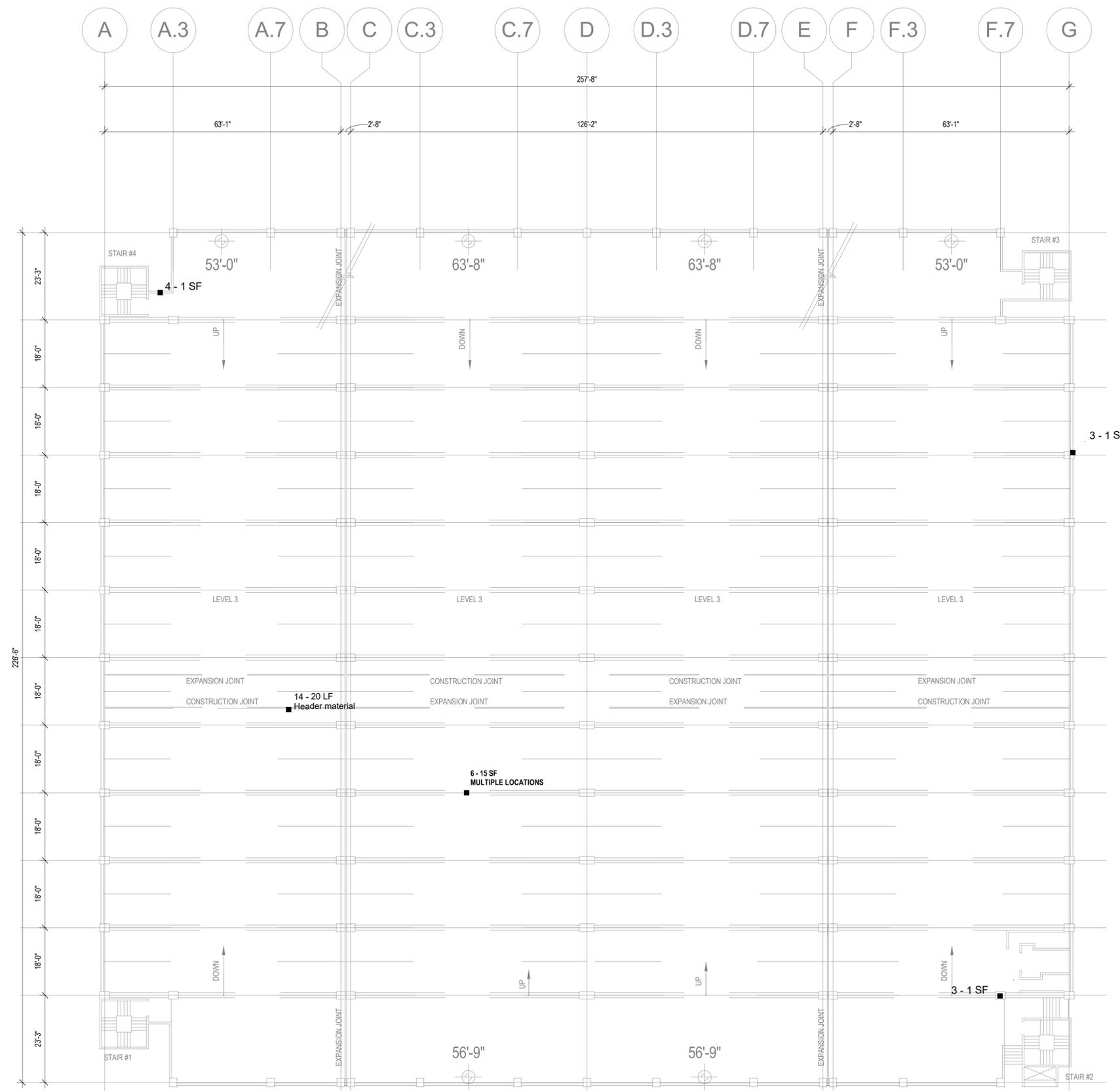
1/16" = 1'-0"



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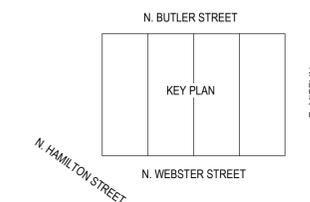


ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



CAPITOL SQUARE NORTH (CSN) - LEVEL 3 PLAN

1/16" = 1'-0"



1

2

3

4

5



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CLIENT:



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Suite 109
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PROJECT TITLE:

2026 PARKING GARAGE
MAINTENANCE

ISSUE:

1 02/02/2026 BID DOCUMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 2026-5003.00

DATE: 02/02/2026

DRAWN BY: DSW

CHECKED BY: DFW

APPROVED BY: DFW

SCALE: AS NOTED

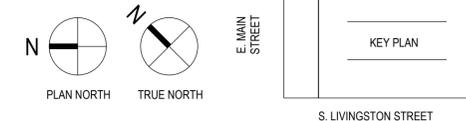
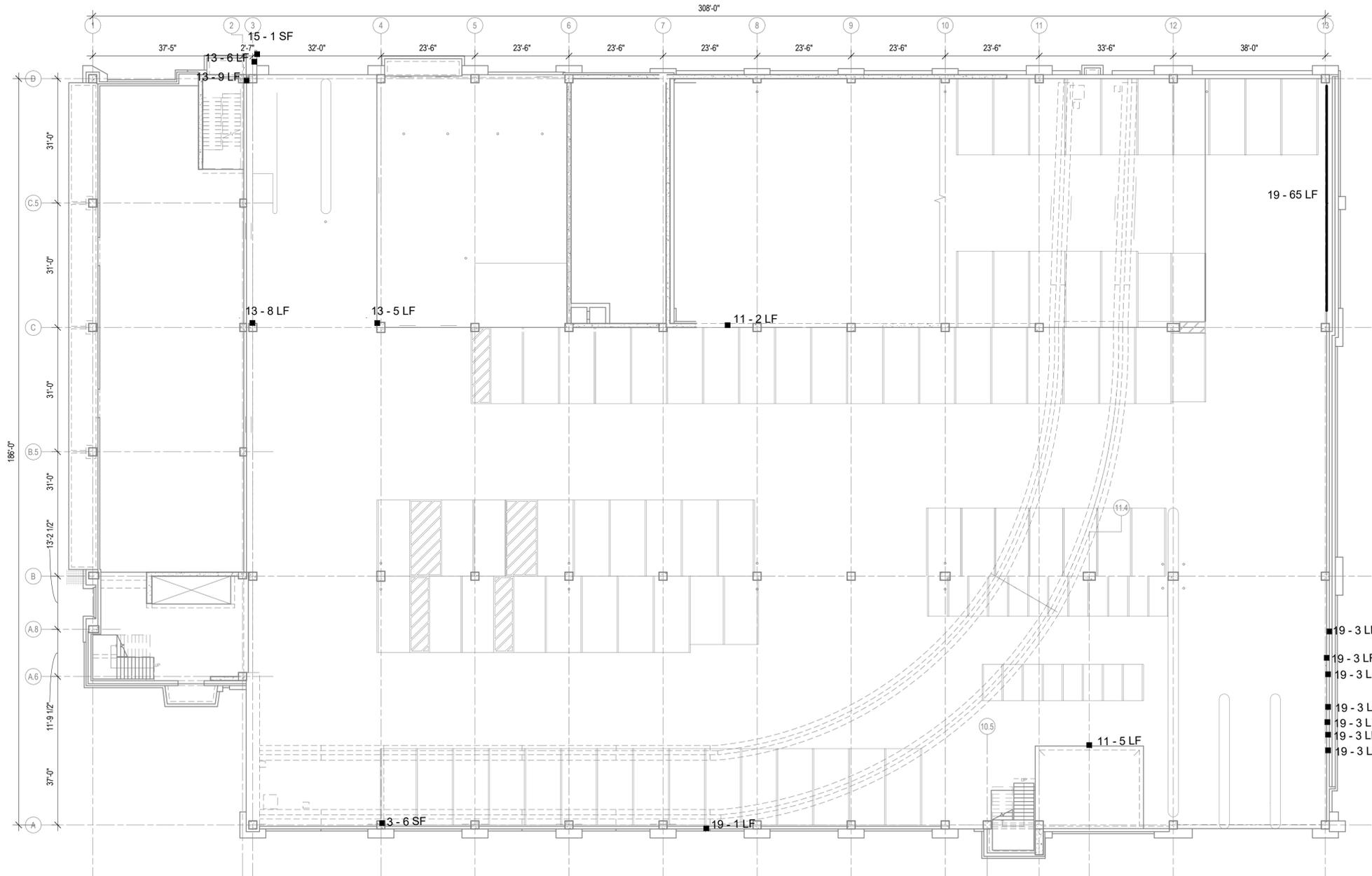
SHEET TITLE:

SOUTH LIVINGSTON STREET
LEVEL 1 PLAN

SHEET NUMBER:

LS-S101

PAY ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR-ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR-ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR-ROUT AND SEAL	B2 / S501



SOUTH LIVINGSTON STREET (SLS) - LEVEL 1

1/16" = 1'-0"

1

2

3

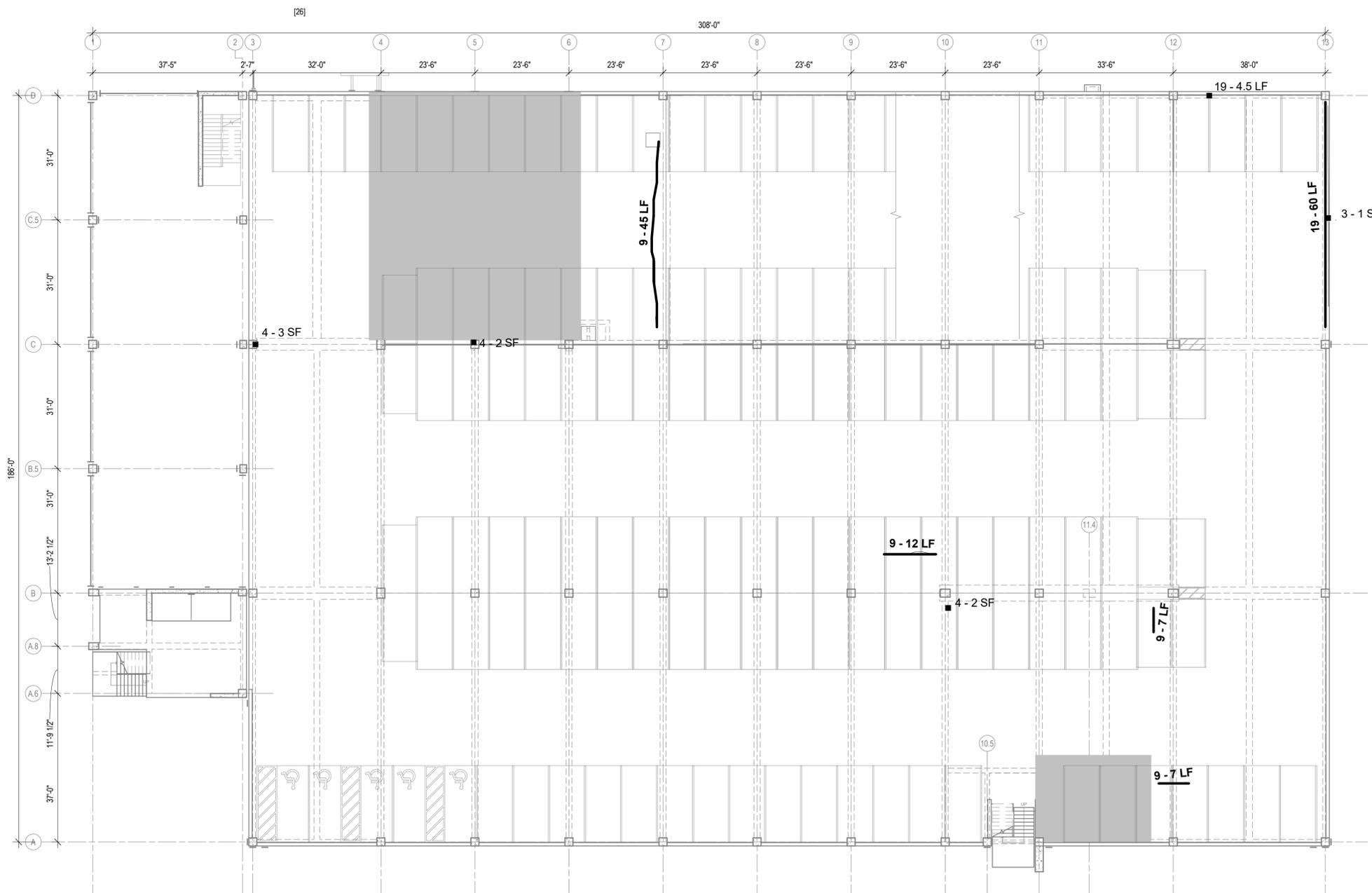
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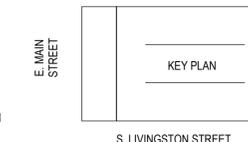
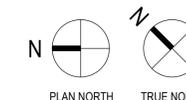


ITEM	X - X UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (W/S)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



SOUTH LIVINGSTON STREET (SLS) - LEVEL 2

1/16" = 1'-0"





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PROJECT TITLE:

2026 PARKING GARAGE
MAINTENANCE

ISSUE:

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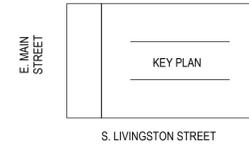
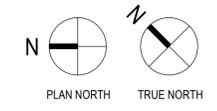
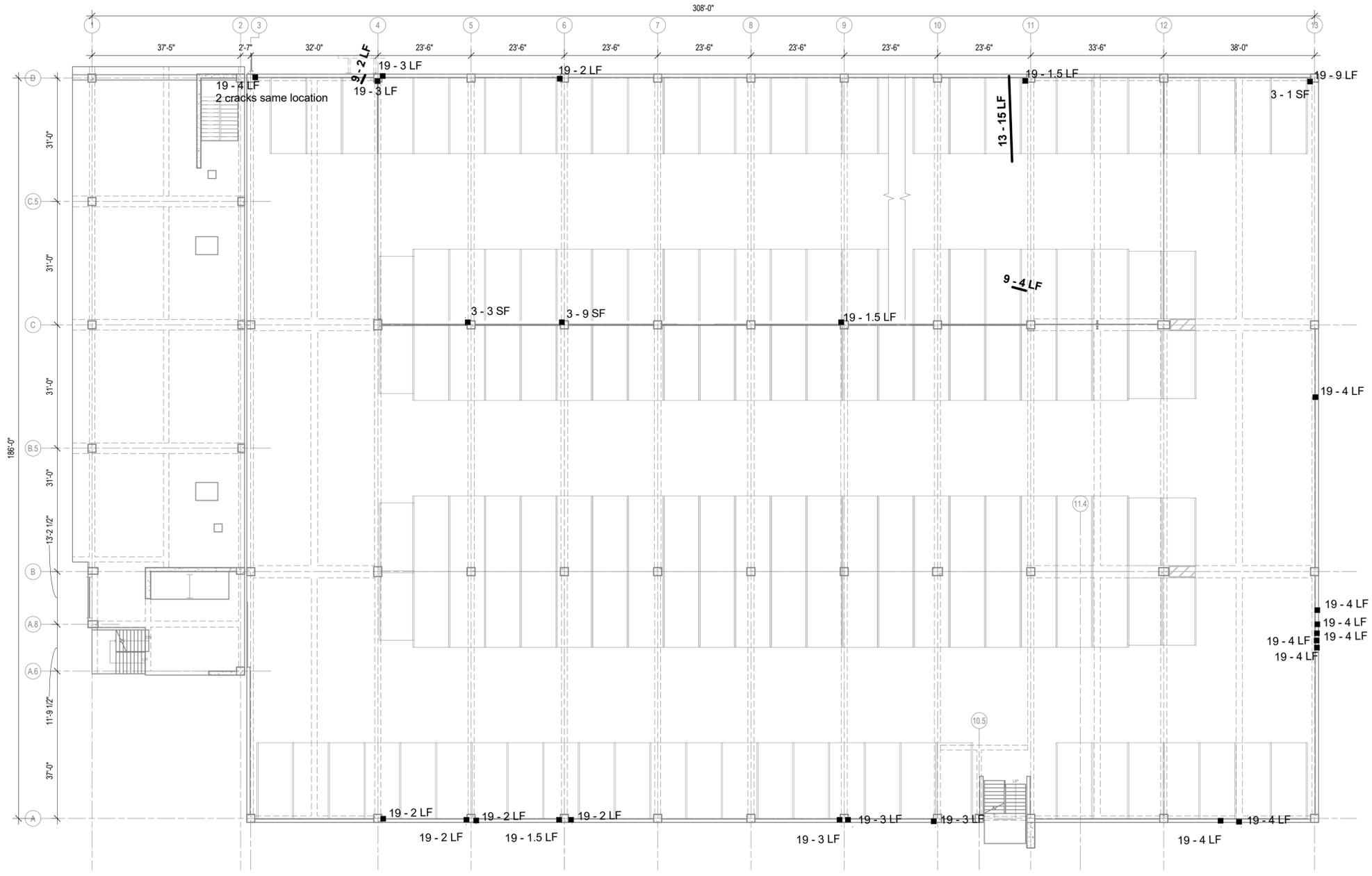
SHEET TITLE:

SOUTH LIVINGSTON STREET
LEVEL 3 PLAN

SHEET NUMBER:

LS-S103

ITEM	X - X UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



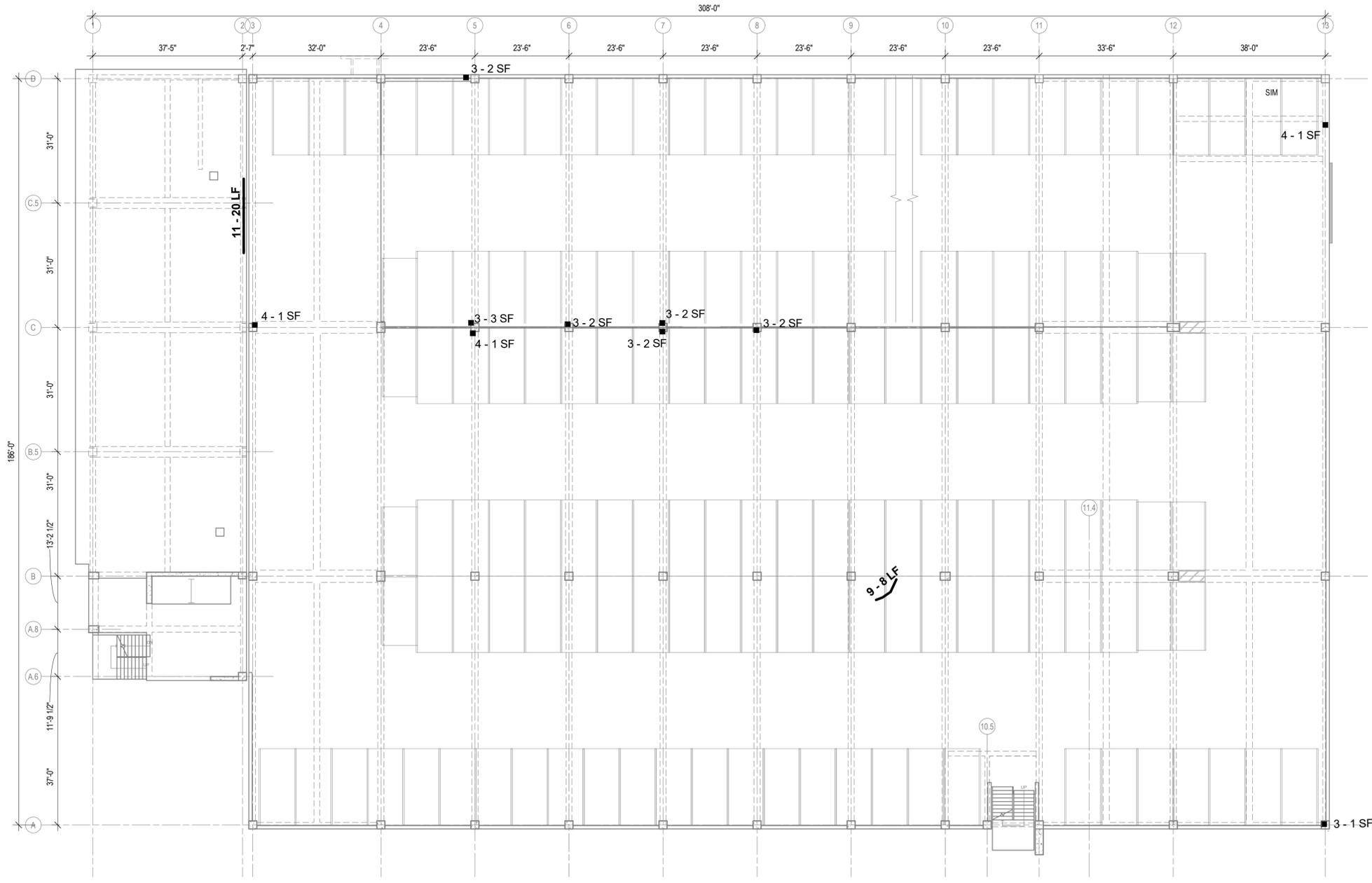
SOUTH LIVINGSTON STREET (SLS) - LEVEL 3

1/16" = 1'-0"

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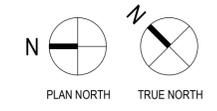


ITEM	X - X UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



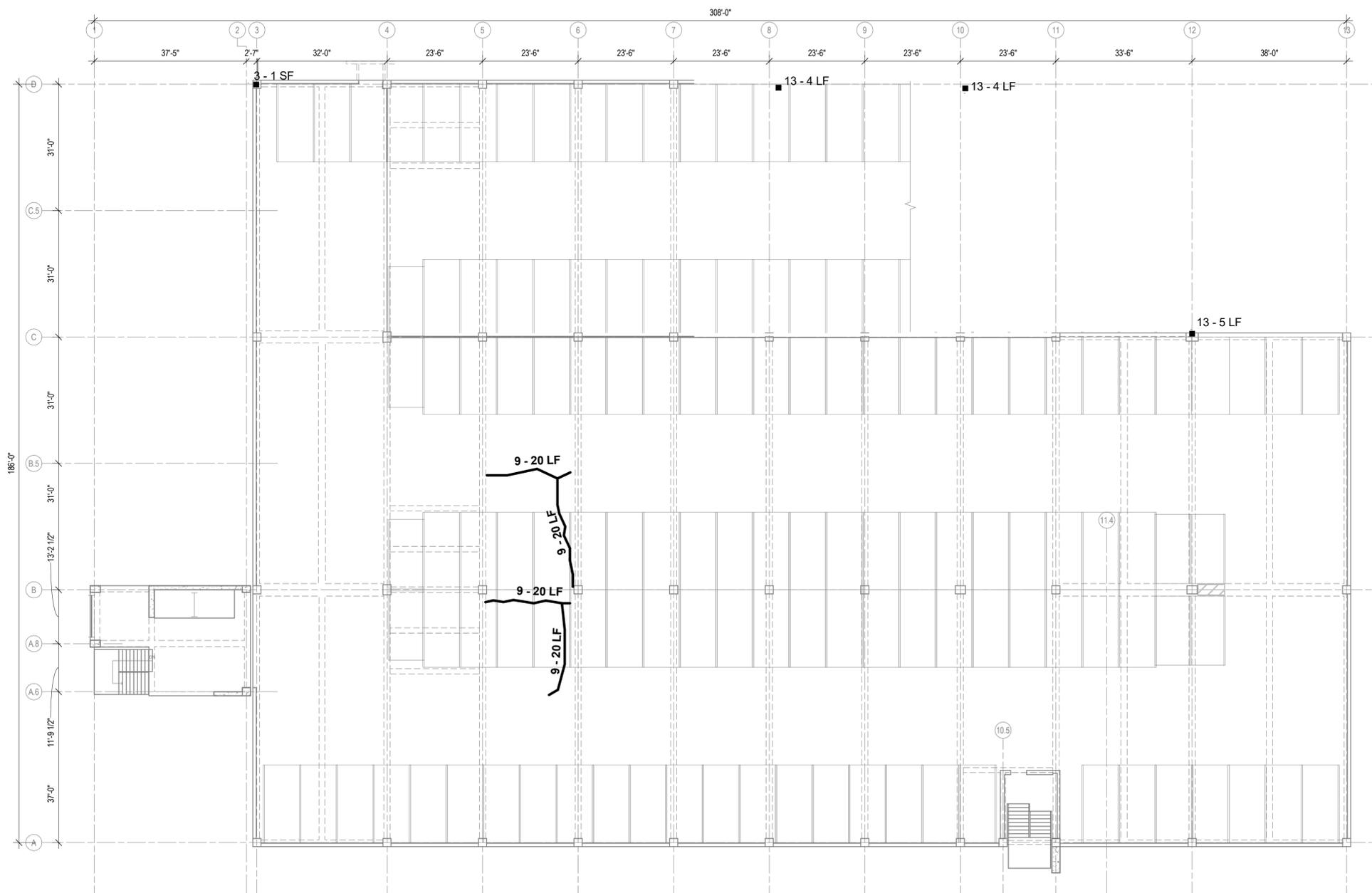
SOUTH LIVINGSTON STREET (SLS) - LEVEL 4

1/16" = 1'-0"



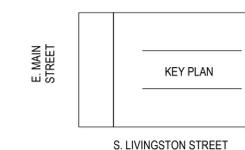
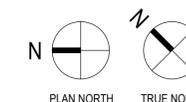


ITEM	X - X UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE SPALL REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



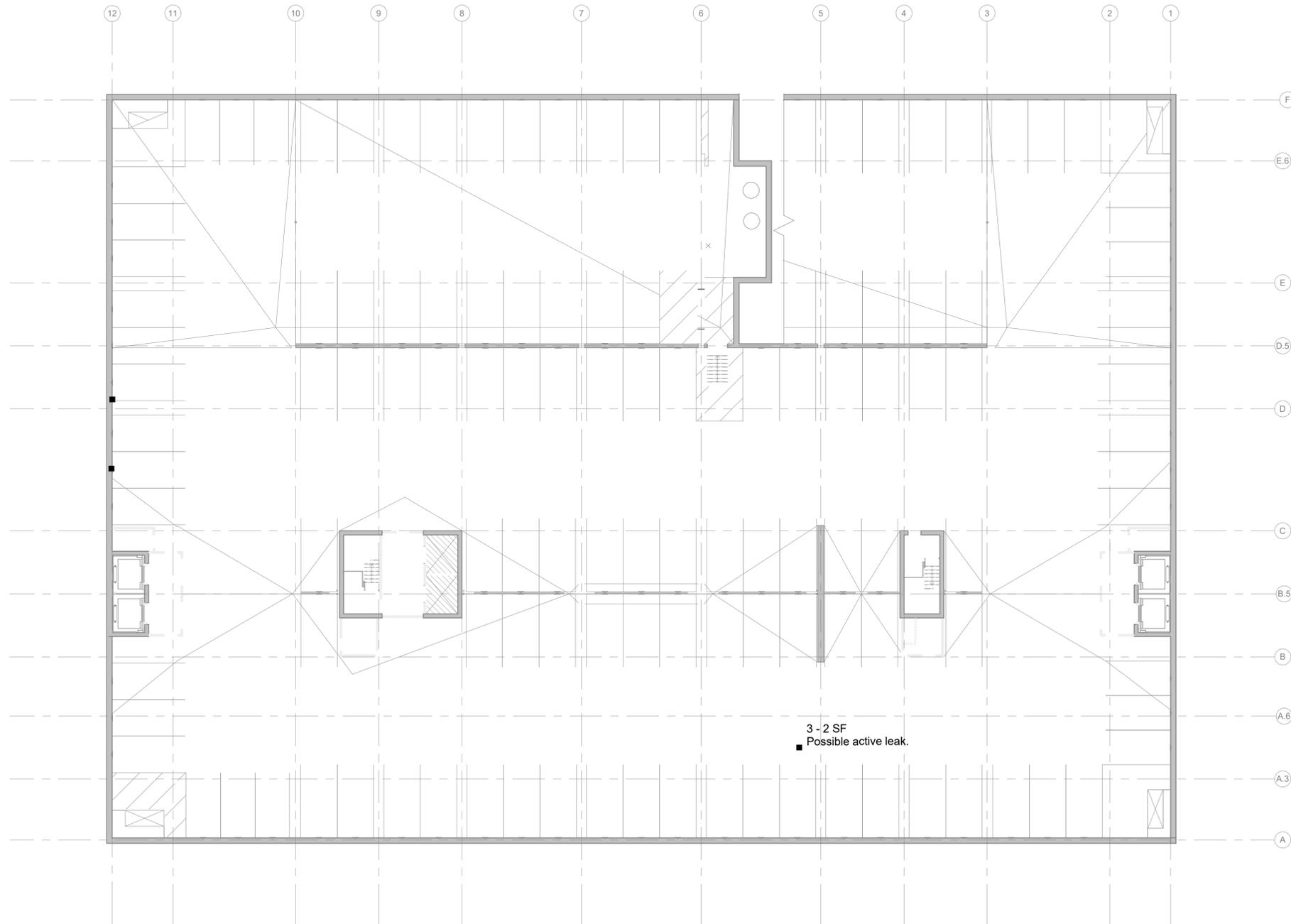
SOUTH LIVINGSTON STREET (SLS) - LEVEL 5

1/16" = 1'-0"

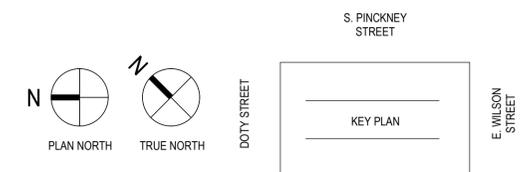




ITEM	X-X UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



3 - 2 SF
Possible active leak.

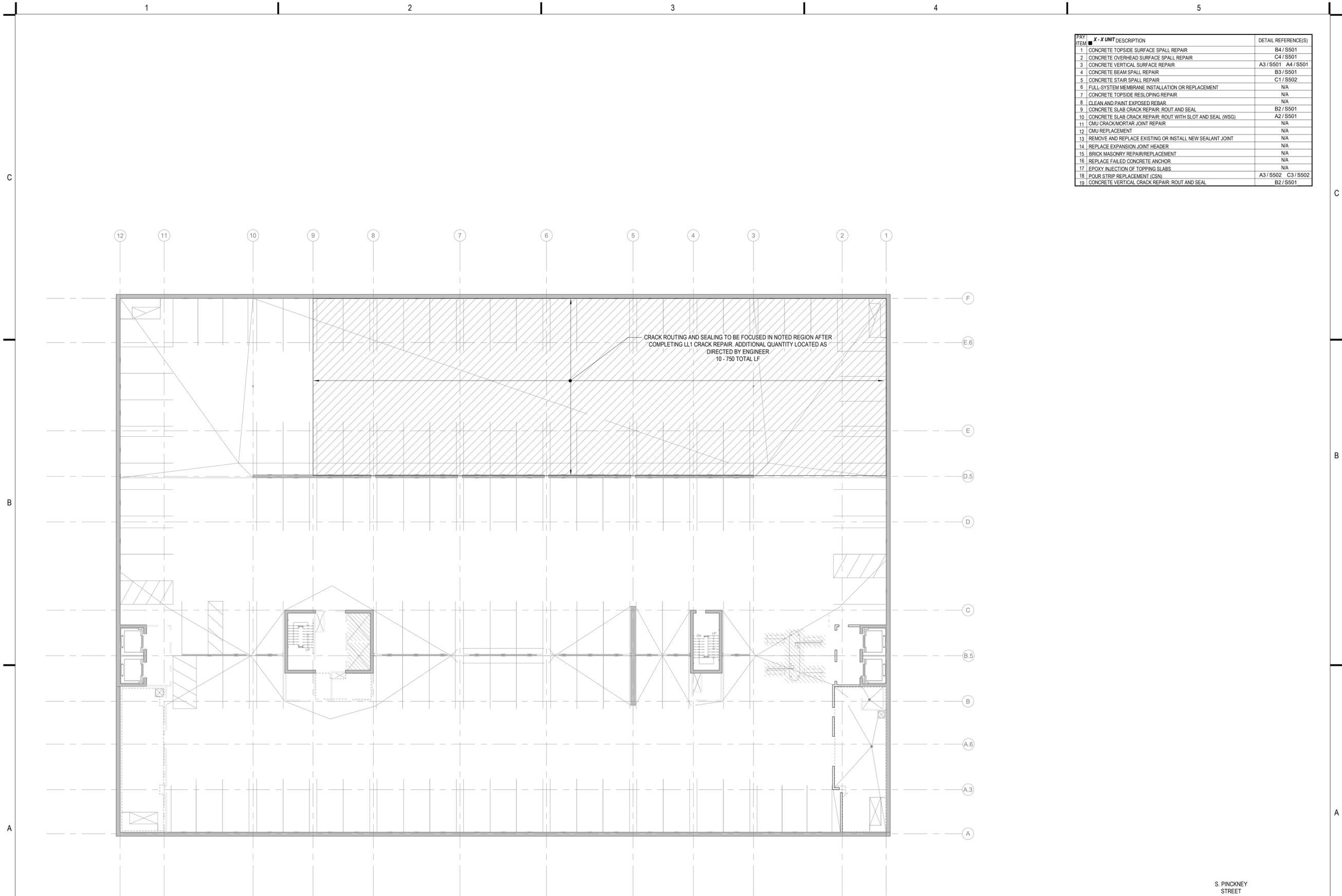


WILSON STREET (WSG) - LOWER LEVEL 4 PLAN

1/16" = 1'-0"

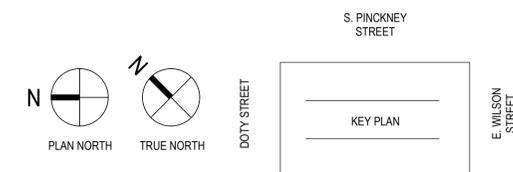


ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501



WILSON STREET (WSG) - LOWER LEVEL 2 PLAN

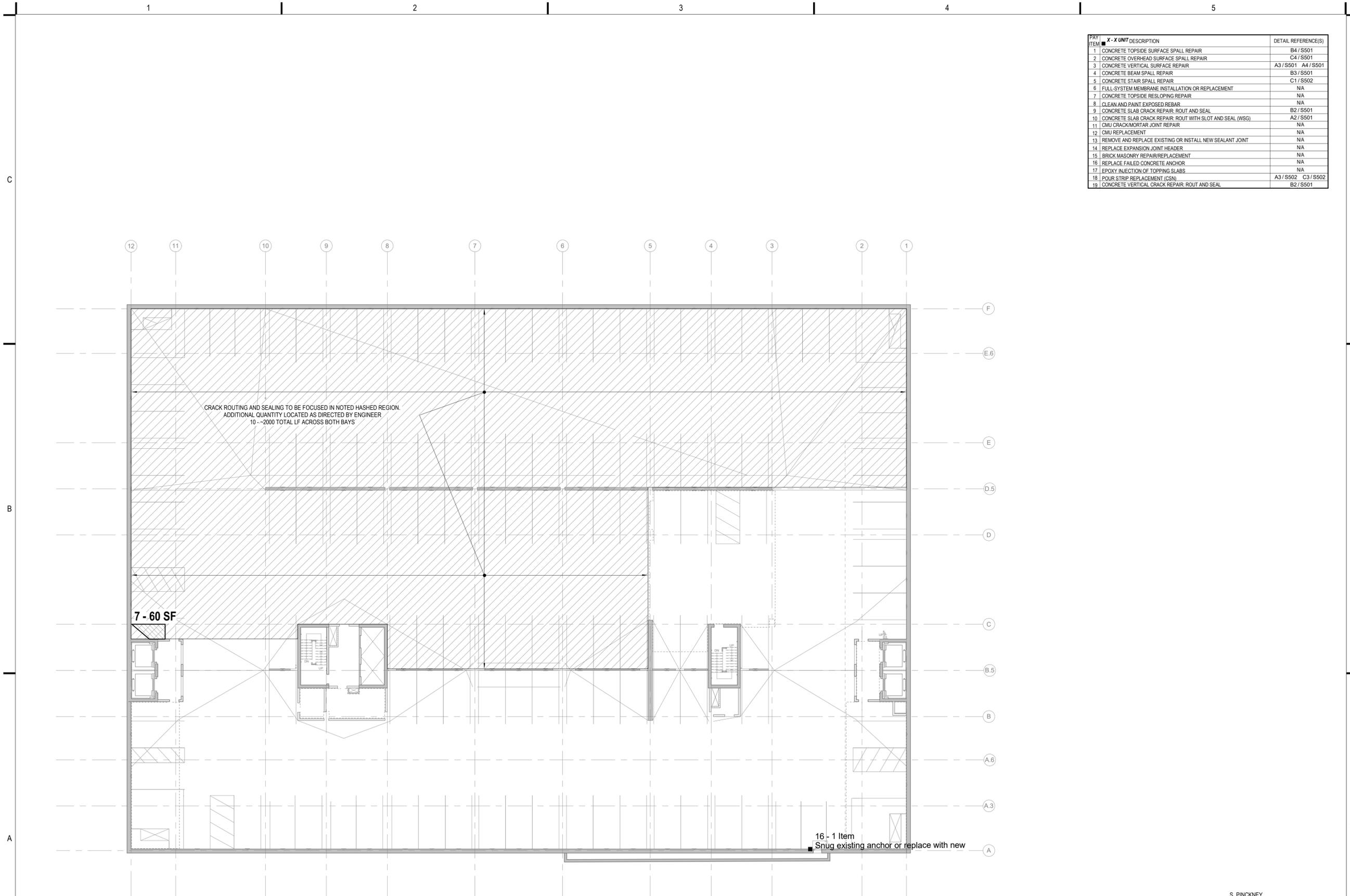
1/16" = 1'-0"



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ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501

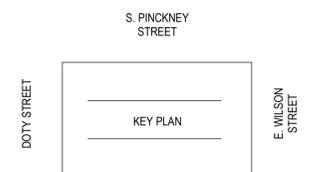
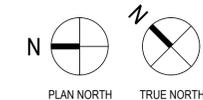
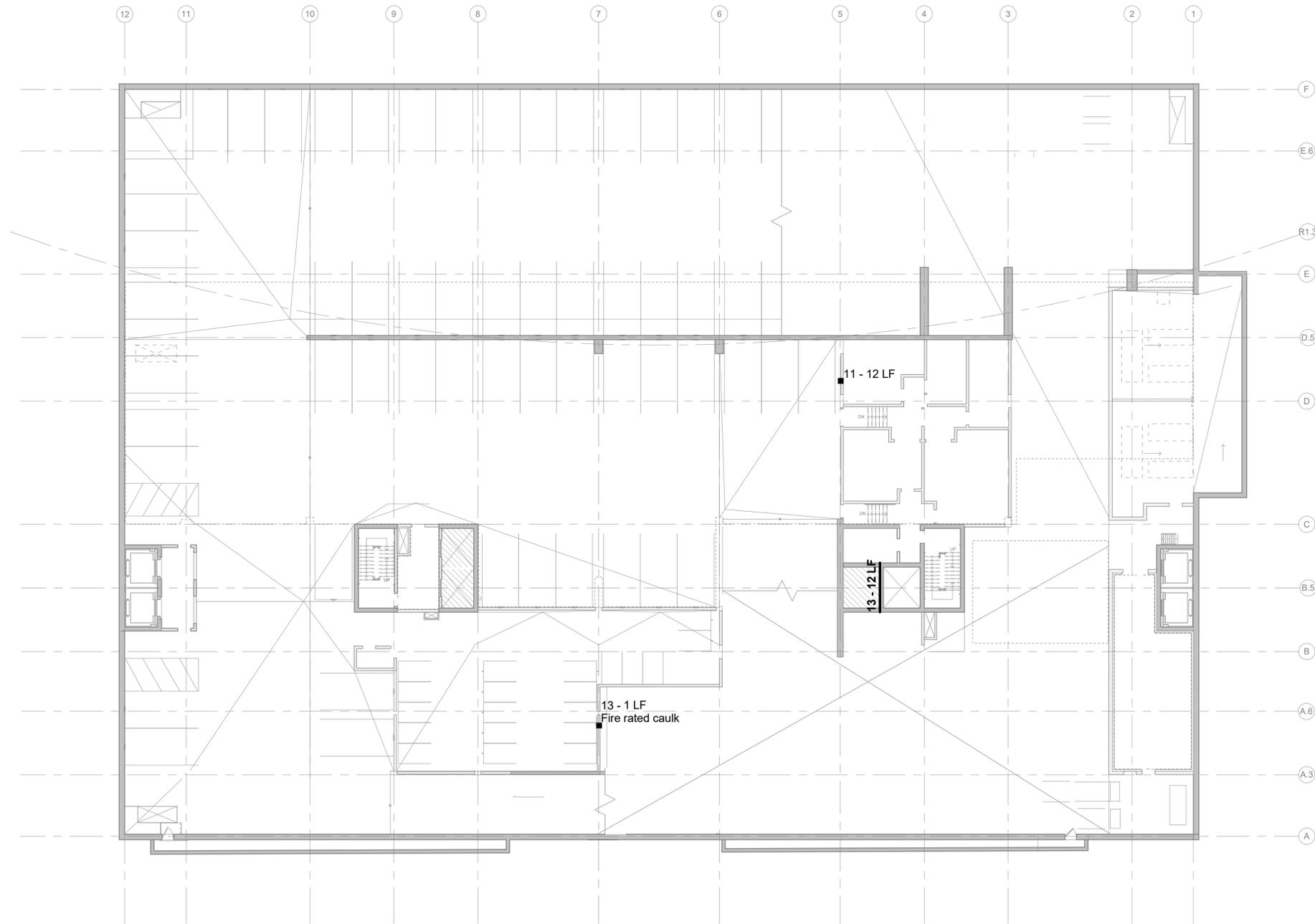


WILSON STREET (WSG) - LOWER LEVEL 1 PLAN

1/16" = 1'-0"



ITEM	X - X UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501

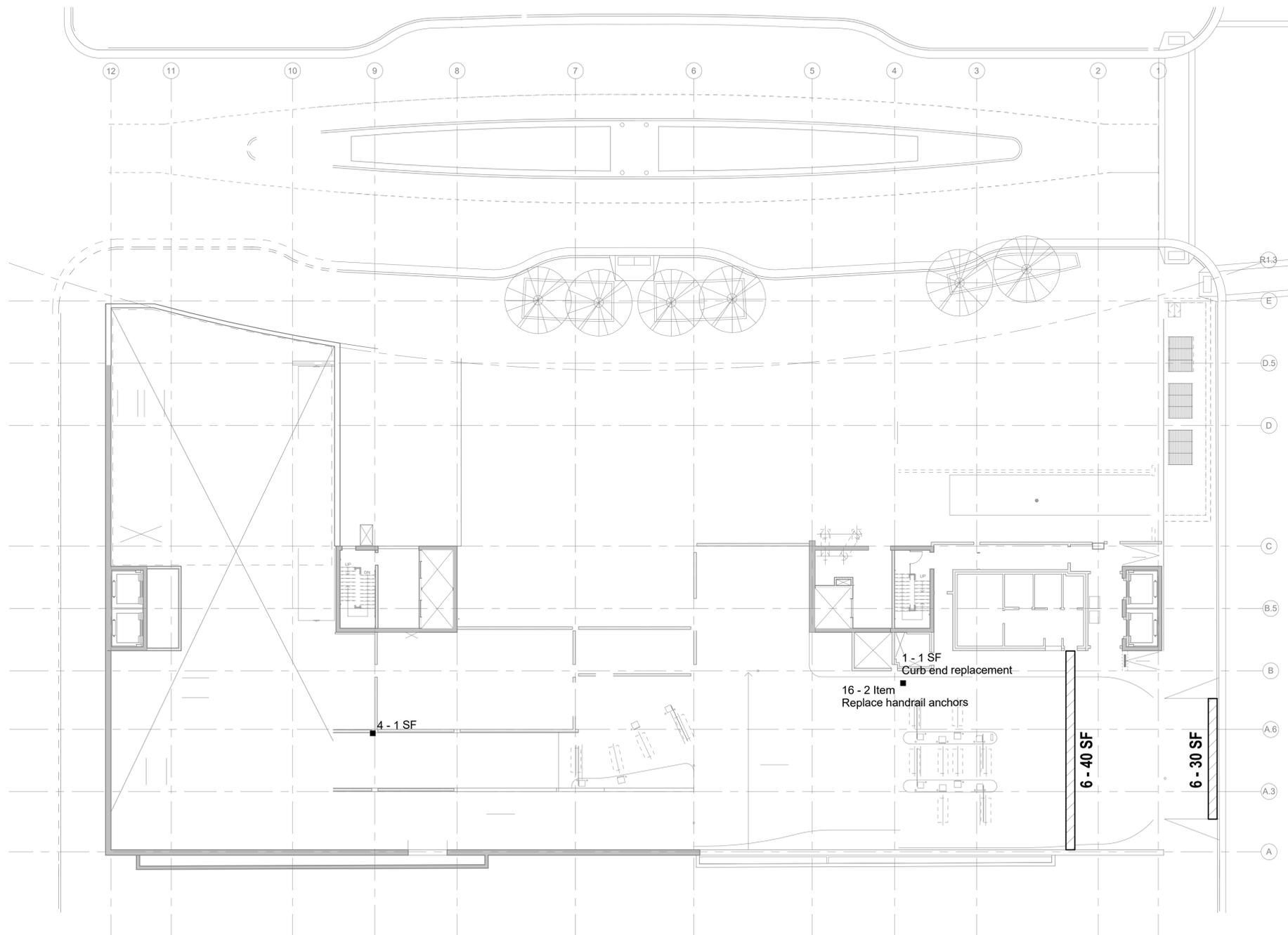


WILSON STREET (WSG) - LOWER LEVEL 0 PLAN

1/16" = 1'-0"

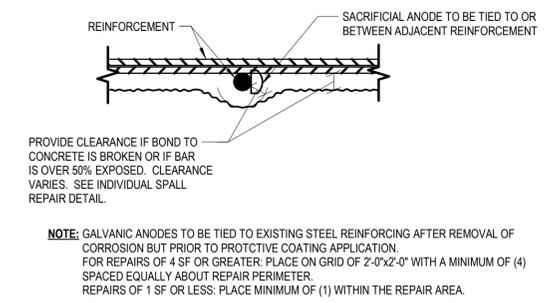


PAY ITEM	X-UNIT DESCRIPTION	DETAIL REFERENCE(S)
1	CONCRETE TOPSIDE SURFACE SPALL REPAIR	B4 / S501
2	CONCRETE OVERHEAD SURFACE SPALL REPAIR	C4 / S501
3	CONCRETE VERTICAL SURFACE REPAIR	A3 / S501 A4 / S501
4	CONCRETE BEAM SPALL REPAIR	B3 / S501
5	CONCRETE STAIR SPALL REPAIR	C1 / S502
6	FULL-SYSTEM MEMBRANE INSTALLATION OR REPLACEMENT	N/A
7	CONCRETE TOPSIDE RESLOPING REPAIR	N/A
8	CLEAN AND PAINT EXPOSED REBAR	N/A
9	CONCRETE SLAB CRACK REPAIR: ROUT AND SEAL	B2 / S501
10	CONCRETE SLAB CRACK REPAIR: ROUT WITH SLOT AND SEAL (WSG)	A2 / S501
11	CMU CRACK/MORTAR JOINT REPAIR	N/A
12	CMU REPLACEMENT	N/A
13	REMOVE AND REPLACE EXISTING OR INSTALL NEW SEALANT JOINT	N/A
14	REPLACE EXPANSION JOINT HEADER	N/A
15	BRICK MASONRY REPAIR/REPLACEMENT	N/A
16	REPLACE FAILED CONCRETE ANCHOR	N/A
17	EPOXY INJECTION OF TOPPING SLABS	N/A
18	POUR STRIP REPLACEMENT (CSN)	A3 / S502 C3 / S502
19	CONCRETE VERTICAL CRACK REPAIR: ROUT AND SEAL	B2 / S501

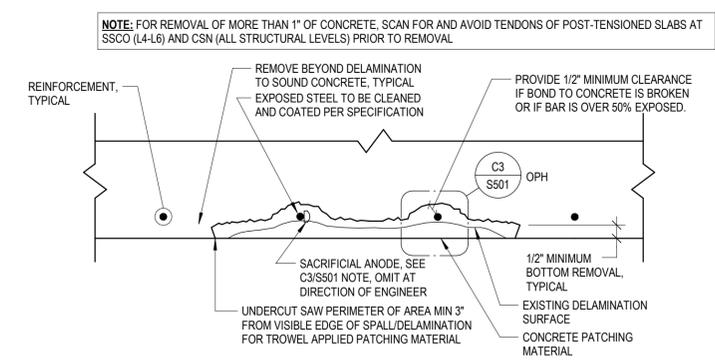


WILSON STREET (WSG) - LEVEL 1 PLAN
1/16" = 1'-0"

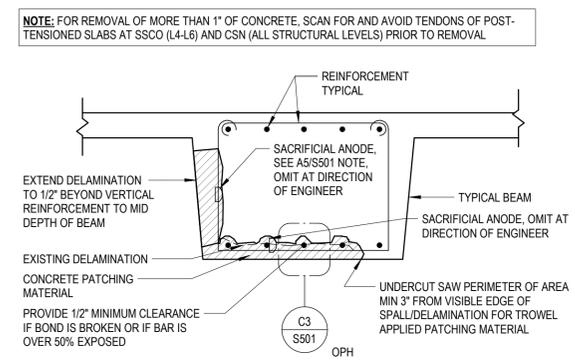
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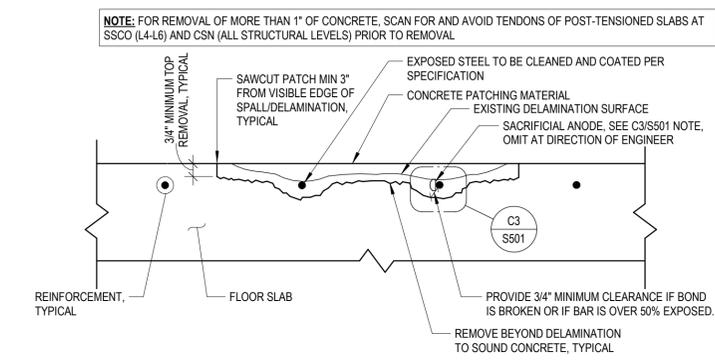
C3 TYPICAL REBAR/STRAND CLEARANCE
3" = 1'-0"



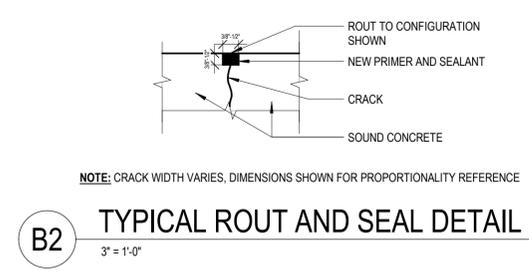
C4 TYPICAL OVERHEAD SPALL REPAIR
1 1/2" = 1'-0"



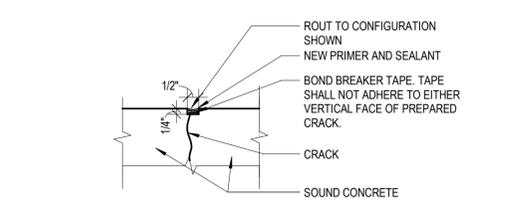
B3 TYPICAL BEAM SPALL REPAIR
3/4" = 1'-0"



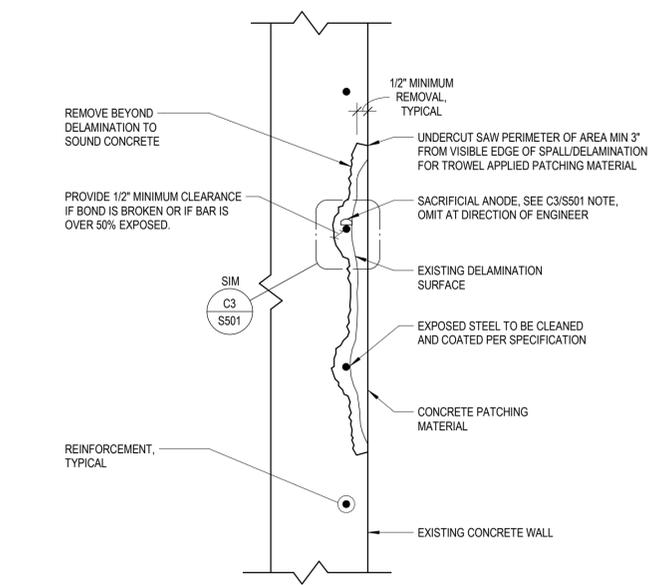
B4 TYPICAL TOPSIDE SPALL REPAIR
1 1/2" = 1'-0"



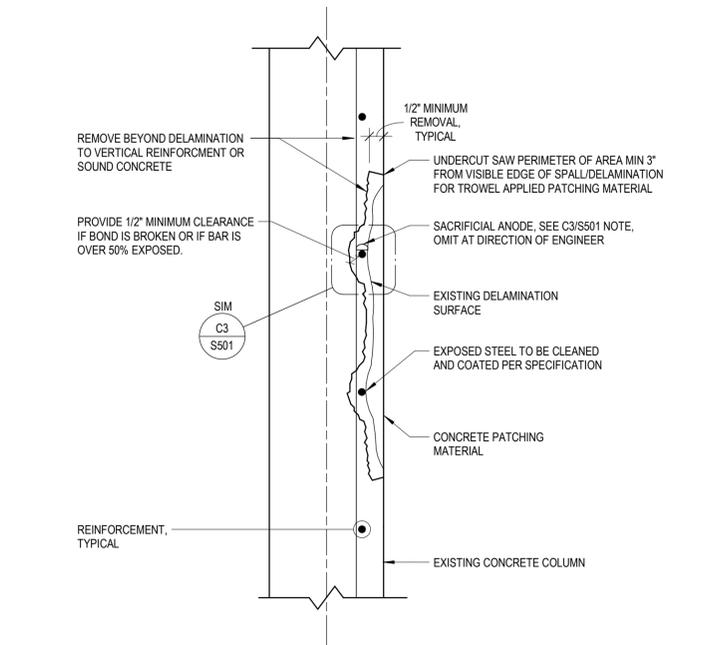
B2 TYPICAL ROUT AND SEAL DETAIL
3" = 1'-0"



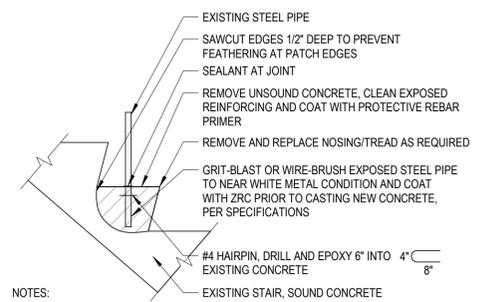
A2 ROUT AND SEAL WITH BOND BREAKER DETAIL
3" = 1'-0"



A3 TYPICAL CONCRETE WALL SPALL REPAIR
1 1/2" = 1'-0"

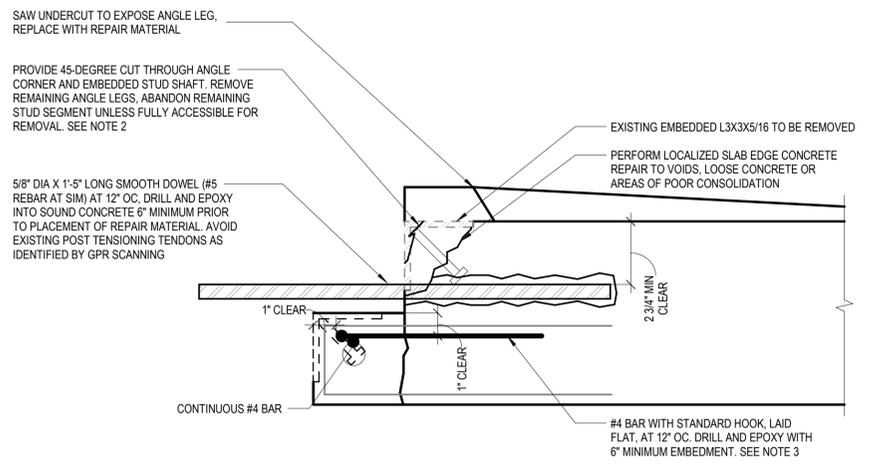


A4 TYPICAL COLUMN SPALL REPAIR
1 1/2" = 1'-0"



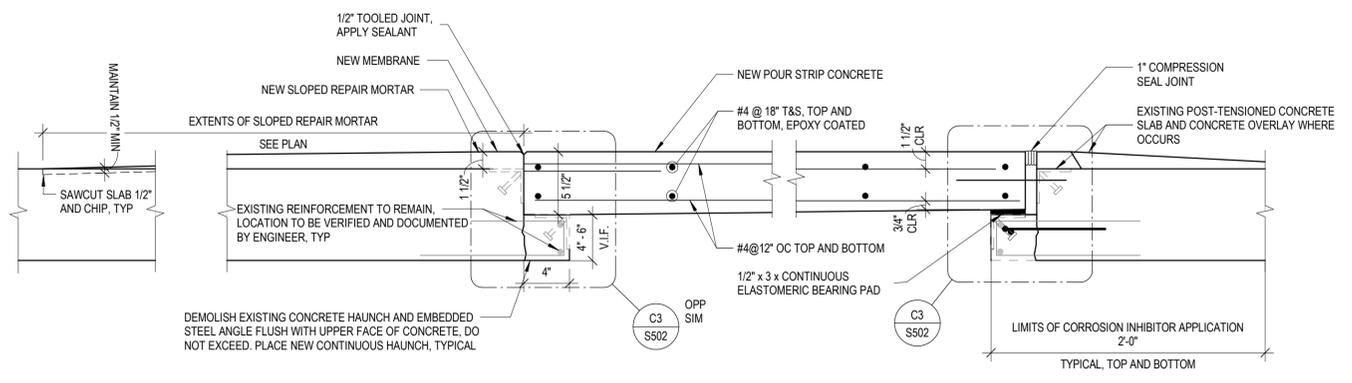
NOTES:
1. IF REINFORCEMENT IN THE STAIR IS EXPOSED, ADD SACRIFICIAL ANODES AS DIRECTED BY THE ENGINEER AFTER STEEL IS CLEANED BUT PRIOR TO ZINC COATING.

C1 STAIR SPALL REPAIR
3/4" = 1'-0"



NOTE 1: ADDITIONAL WORK AND MATERIALS OF WORK NOT SHOWN FOR CLARITY - REFER TO A3-S502 FOR INFORMATION NOT SHOWN.
NOTE 2: MEANS OF REMOVAL OF EMBEDDED ANGLE OTHER THAN AS SHOWN MAY BE CONSIDERED BASED ON CONDITION OF EXISTING ANGLE AND LIMITS OF IMPACT TO EXISTING CONCRETE. IF DIFFERING FROM THE ABOVE, CONTRACTOR TO SUBMIT REMOVAL PLAN FOR REVIEW PRIOR TO DEMOLITION WORK.
NOTE 3: WHERE EXISTING HAUNCH REINFORCEMENT IS DAMAGED, SEVERELY CORRODED, OR MISLOCATED (FACE/END OF HAIRPIN BAR < 2 1/2" FROM FACE OF HAUNCH), PROVIDE POST-INSTALLED BARS AS DETAILED. ENGINEER TO VERIFY EXISTING CONDITION OF REINFORCING.

C3 POUR STRIP REPLACEMENT (CSN)
3" = 1'-0"



NOTE: ALL REINFORCING TO BE EPOXY COATED UNLESS NOTED OTHERWISE.
REPAIR SEQUENCE: ALL ITEMS TO BE PAID AS INCLUDED IN LUMP SUM FOR POUR STRIP REPLACEMENT
1. DEMO EXISTING POUR STRIP AND HAUNCHES
2. VERIFY, CLEAN, AND PAINT EXPOSED REINFORCING STEEL
3. LOCATE AND MARK EXISTING REINFORCING AND POST-TENSIONING CABLES BY GPR OR OTHER SCANNING
4. INSTALL SUPPLEMENTAL REINFORCING AS DIRECTED BY ENGINEER OR SPECIFIED IN THIS DETAIL
5. FORM AND CAST NEW HAUNCHES
6. FORM AND CAST NEW POUR STRIP
7. REMOVE EXISTING MEMBRANE AS REQUIRED
8. SCARIFY SURFACE OF EXISTING CONCRETE TO RECEIVE SLOPED REPAIR MORTAR
9. APPLY CORROSION INHIBITOR TO TOP AND BOTTOM OF EXISTING CONCRETE FOR 2'-0" FROM EDGE OF POST-TENSIONED SLABS
10. PLACE NEW SLOPED REPAIR MORTAR
11. SEAL
12. INSTALL NEW COMPRESSION JOINT AND SEAL JOINTS IN CURBS
13. PRIOR TO MEMBRANE APPLICATION, ROUT AND SEAL ALL SHRINKAGE CRACKS IN NEW CONCRETE
14. AT 28 DAYS FROM STRUCTURAL CONCRETE PLACEMENT, APPLY MEMBRANE TO EXPOSED CONCRETE SURFACES

A3 POUR STRIP REPLACEMENT (CSN)
1 1/2" = 1'-0"