C:\Users\Liliia.kolesnyk\Documents\N99-SIB-CENTRAL FILE_liliia.kolesnyk.rvt

DOOR SCHEDULE

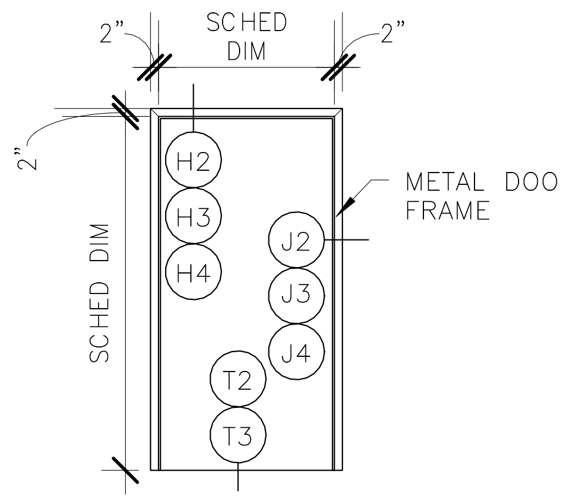
NO.	TO ROOM: NAME	TYPE		DOOR	DOOR	DOOR	DOOR	DOOR	DOOR	FRAME	FRAME	FRAME	FRAME	FIRE RATING	STC	HW SETS	REMARKS
		PLNT	SMNT	MATL	FINISH	TYPE	W	H	T	TYPE	HEAD	JAMB	SILL				
001	FREIGHT LIFT	●		MTL	PTD	7	8' - 0"	12' - 0"	-	-	H1	J1	T1	45 MIN.		-	
002	STORAGE AREA	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				14B RA	
004	DOMESTIC WATER ENTRY ROOM	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				14B PA	
005-1	UPS ROOM		●	HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4		3 HR.		16B.3	
006A-1	ELEC ROOM		●	HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4		3 HR.		16B.3	
006B-1	STORAGE AREA		●	HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4		3 HR.		16B.3	
006C-1	ELEC ROOM		●	HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4		3 HR.		16B.3	
009	ELEVATOR MACHINE ROOM	●		HM	PTD	2	3' - 6"	7' - 0"	0'-1 3/4"	B	H4	J4		3 HR.		18	
101A	PARTS ROOM	●		MTL	PTD	7	10' - 0"	10' - 0"	-	-	H1	J1	T1			-	
101B	PARTS ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C.1	
101C	PARTS ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
101D	CMNT MAIN SHOPS	●		MTL	PTD	7	10' - 0"	12' - 0"	-	-	H1	J1	T1			-	
101E	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				07C	
102	ELES MATERIALS OFFICE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				05.1	
103	GREASE ROOM	●		HM	PTD	3	6' - 0"	8' - 6"	0'-1 3/4"	B	H4	J4		45 MIN.		16A.1	
108A	LOBBY	●		ALUM	PTD	4	6' - 0"	7' - 0"	0'-1 3/4"	C	H5	J5	T6			01A	
108B	LOBBY	●		HM	PTD	10	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				02A	
109	STORAGE	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				14B RA	
111	WOMEN	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	B	H7	J7	T7			09 RA	
113	MEN	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	B	H7	J7	T7			09 RA	
114A	PI OFFICE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				05.2	
115	TOOLS ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				16D	
116	INSPECTION OFFICE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				05	
117	JAN	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				14B RA 1	
118	ELECTRONICS SHOP		●	HM	PTD	6	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				07A	
118A	COPY ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				22A	
119	ELECTRONICS SHOP	●		HM	PTD	1	3' - 6"	7' - 0"	0'-1 3/4"	A	H3	J3	-			07C	
120A	LUBE/COMP ROOM	●		HM	PTD	6	6' - 0"	8' - 6"	0'-1 3/4"	A	H2	J2	T2			16A	
120B	LUBE/COMP ROOM	●		HM	PTD	1	4' - 0"	8' - 6"	0'-1 3/4"	B	H4	J4				16C.3	
121	BATTERY ROOM		●	HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4	T2	90 MIN.		16B	
122	MECH ROOM	●		HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				17B.1	
140A	BLOW PIT	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
140B	BLOW PIT	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
140C	BLOW PIT	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
140D	BLOW PIT	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
140E	BLOW PIT	●		MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
141A	INTERIOR CLEANING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
141B	INTERIOR CLEANING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
141C	INTERIOR CLEANING	●		MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
141D	INTERIOR CLEANING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
141E	INTERIOR CLEANING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C	
150B	CORRIDOR	●		HM	PTD	10	6' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				07E	
150C	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06D.A	
150D	CMNT MAIN SHOPS			MTL	PTD	7	12' - 0"	12' - 0"	-	-	H1	J1	T1			-	
150E	CMNT MAIN SHOPS			MTL	PTD	7	12' - 0"	12' - 0"	-	-	H1	J1	T1			-	
150F	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C.A	
150G	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150H	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150I	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150J	INTERIOR CLEANING			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150K	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150L	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C.A	
150M	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C.A	
150N	WHEEL TRUING PIT	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C.A	
150O	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150P	BLOW PIT			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150Q	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150R	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150S	CMNT MAIN SHOPS			MTL	PTD	7	14' - 0"	14' - 0"	-	-	H1	J1	T1			-	
150T	CMNT MAIN SHOPS			MTL	PTD	7	12' - 0"	12' - 0"	-	-	H1	J1	T1			-	
150U	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			06C.A	
150Z	CMNT MAIN SHOPS	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"		H2	J2	T2			06C.A	
151	TRUCK WASH			PVC	PTD	PVC	14' - 0"	14' - 0"	0'-1 3/4"	-	-	-	-			-	8" PVC SLATS - UNDER LINTEL MOUNT
201	LOBBY	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			23	DOOR TO BE MOUNTED 1'-7 1/2" MIN.
204A	MEN'S ROOM	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			09 PA	
205A	WOMEN'S ROOM	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			09 PA	
206A	OPEN OFFICE	●		HM	PTD	9	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				05	

DOOR SCHEDULE

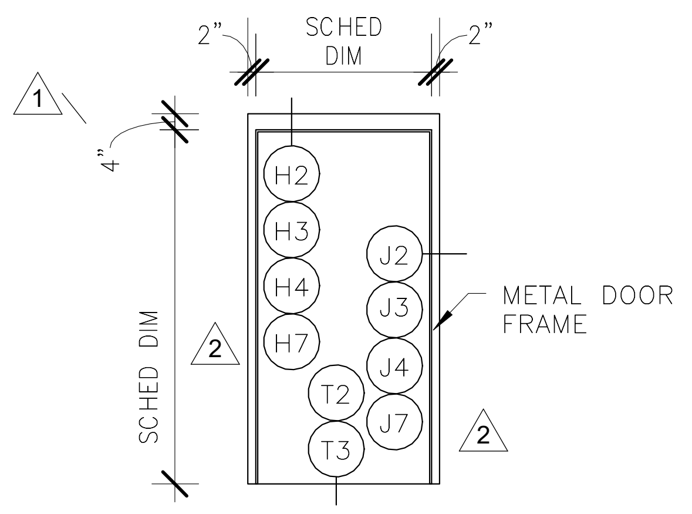
NO.	TO ROOM: NAME	TYPE		DOOR	DOOR	DOOR	DOOR	DOOR	DOOR	FRAME	FRAME	FRAME	FRAME	FIRE RATING	STC	HW SETS	REMARKS
		PLNT	SMNT	MATL	FINISH	TYPE	W	H	T	TYPE	HEAD	JAMB	SILL				
206B	OPEN OFFICE	●		HM	PTD	9	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				05	
206C	OPEN OFFICE	●		HM	PTD	9	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				05	
207A	LUNCH ROOM	●		HM	PTD	10	6' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				15A	
207B	LUNCH ROOM	●		HM	PTD	9	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				15B	
207P	INSPECTION OFFICE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				05	
208A	TRAINING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				10	
208B	TRAINING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				10	
209	ELEC		●	HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				16C.1 A	
210A	STORAGE	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				14B RA	
210B	STORAGE	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				14B RA	
211	TCR	●		HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				07B	
212	COMM		●	HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3		45 MIN.		16B.3. 1	
213	YARD CONTROL ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				00	
213A	RESTROOM	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			19	
215	JAN.	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				14B RA 1	
216	SHARED CONF ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			20	
217	ELES COPY ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				22A	
218	CMNT LOCKABLE SPACE	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				14B RA	
219	ELES LOCKABLE SPACE	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				14B RA	
220	SHARED MEETING ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			20	
221	CMNT QUIET ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			22B	
222	CMNT COPY ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				22A	
223	CMNT MEETING ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H6	J6	T7			20	
M01B	SMALL STORES	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4				14B PA	
M02	MECH ROOM	●		HM	PTD	3	6' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				17B	
M03	COMMUNICATIONS ROOM		●	HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3		45 MIN.		16C.1	
M04	ELECTRICAL ROOM		●	HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3				16C.1	
S1A	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2			03A	
S1B	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4	-	60 MIN.		03B.1	
S1C	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4	-	60 MIN.		03B.1	
S2A	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	90 MIN.		03B	
S2B	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	-	90 MIN.		03B.2	
S2C	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	-	90 MIN.		03B.1	
S2D	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	-	90 MIN.		03B.1	
S2E	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	-	90 MIN.		03B.1	
S2F	STAIR	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	T2	90 MIN.		23	
S3A	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4	-	60 MIN.		03B.1	
S3B	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	60 MIN.		03B	
S3C	STAIR	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	B	H4	J4	-	60 MIN.		03B.1	

NOTE: MOUNTING HEIGHTS PER ADA FOR DOOR AND GATE HARDWARE: DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (864 MM) MINIMUM AND 48 INCHES (1219 MM) MAXIMUM ABOVE THE FINISHED FLOOR.

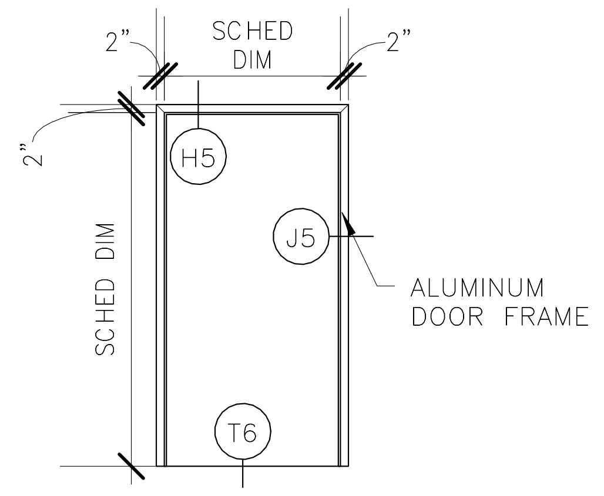
1) INSTALL DOOR HARDWARE AT 36" ABOVE FINISH FLOOR (TYPICAL).
2) PANIC/EXIT HARDWARE SHALL BE MOUNTED SUCH THAT THE HARDWARE DOES NOT OBSTRUCT THE VISION LITE.



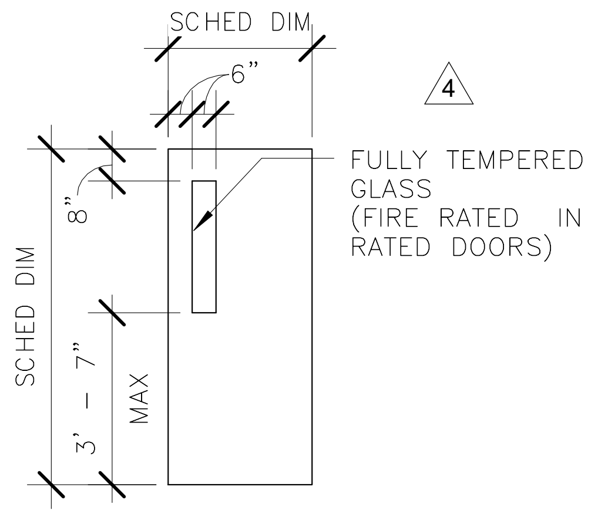
A HOLLOW METAL FRAME
1/4" = 1'-0"



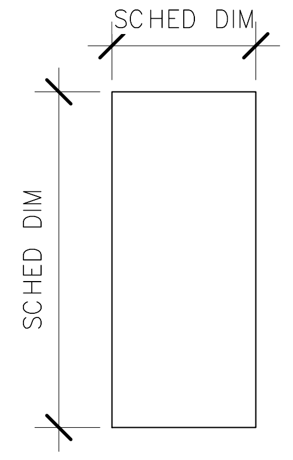
B HOLLOW METAL FRAME - 4"
1/4" = 1'-0"



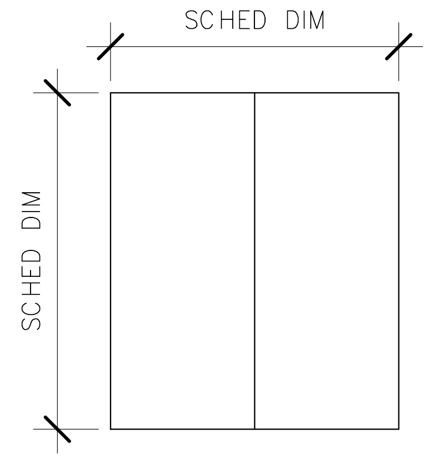
C ALUMINUM FRAME
1/4" = 1'-0"



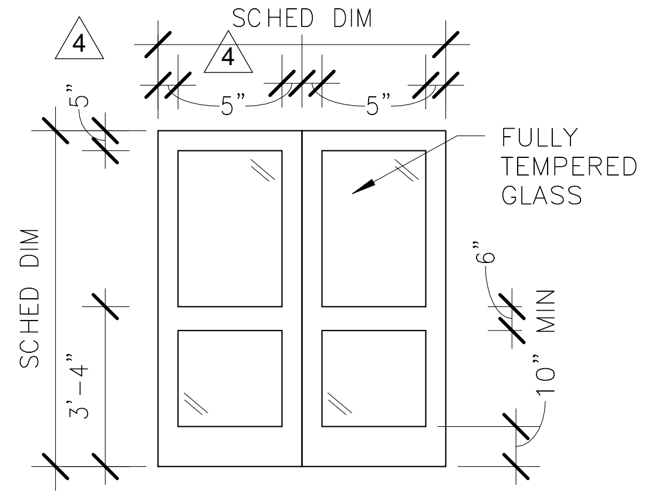
1 VISION DOOR
1/4" = 1'-0"



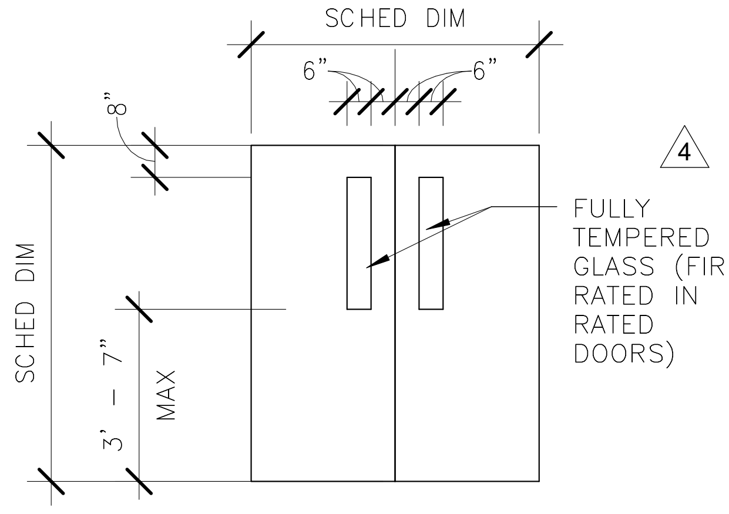
2 FLUSH DOOR
1/4" = 1'-0"



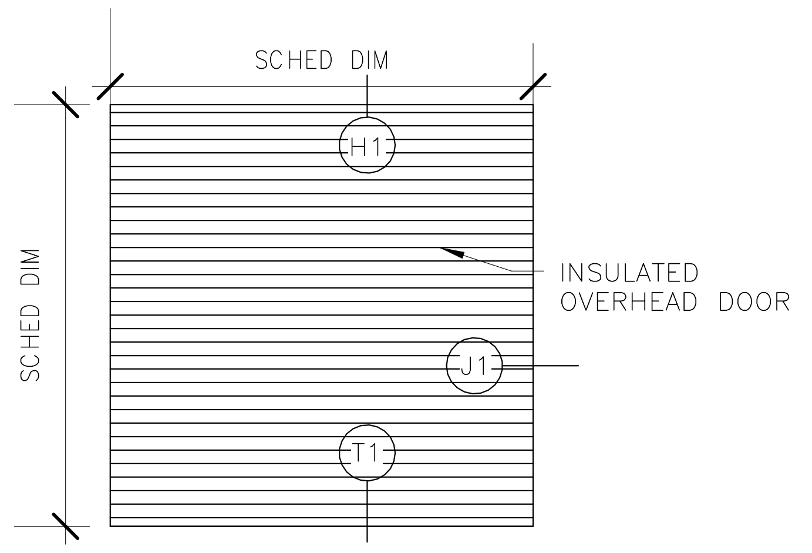
3 SLAB DOOR
1/4" = 1'-0"



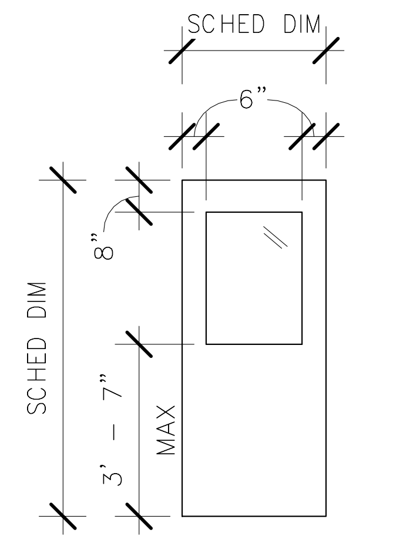
4 STOREFRONT DOOR
1/4" = 1'-0"



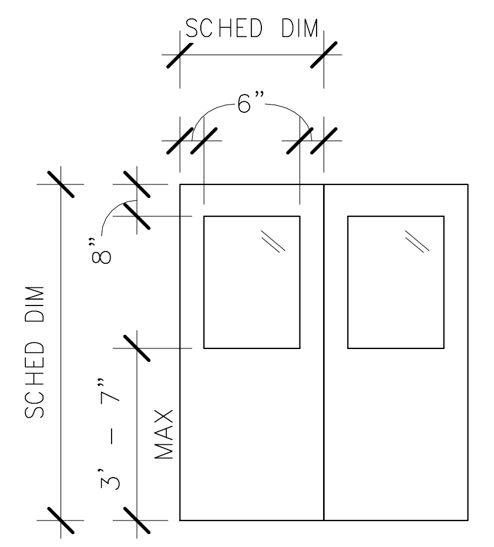
6 VISION DOOR
1/4" = 1'-0"



7 INSULATED OVERHEAD DOOR
1/4" = 1'-0"



9 VISION DOOR
1/4" = 1'-0"



10 VISION DOOR
1/4" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
1	05/01/2017	DC 0371: Revise Hardware	RR	CTH	JJK	MLG
2	06/12/2017	Design Change 0388: DL-56 Sound Atten.	LK	CTH	JJK	MLG
3	09/29/2017	Design Change 0386: DL-35 Clean Rm	LK	CTH	JJK	MLG
4	07/11/2017	DC 0426: IFP Systemwide Arch Updates	LK	CTH	JJK	MLG
5	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
6	10/23/2017	Design Change 0567: Revised Head/Jamb	LK	CTH	JJK	MLG
7	11/08/2017	Design Change 0543: Alum SF Hardware	RR	CTH	JJK	MLG
8	12/26/2017	Design Change 0371.1: Revised Hardware	RR	CTH	JJK	MLG
9	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

1/26/2018 4:03:41 PM

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - DOOR SCHEDULE AND DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-611

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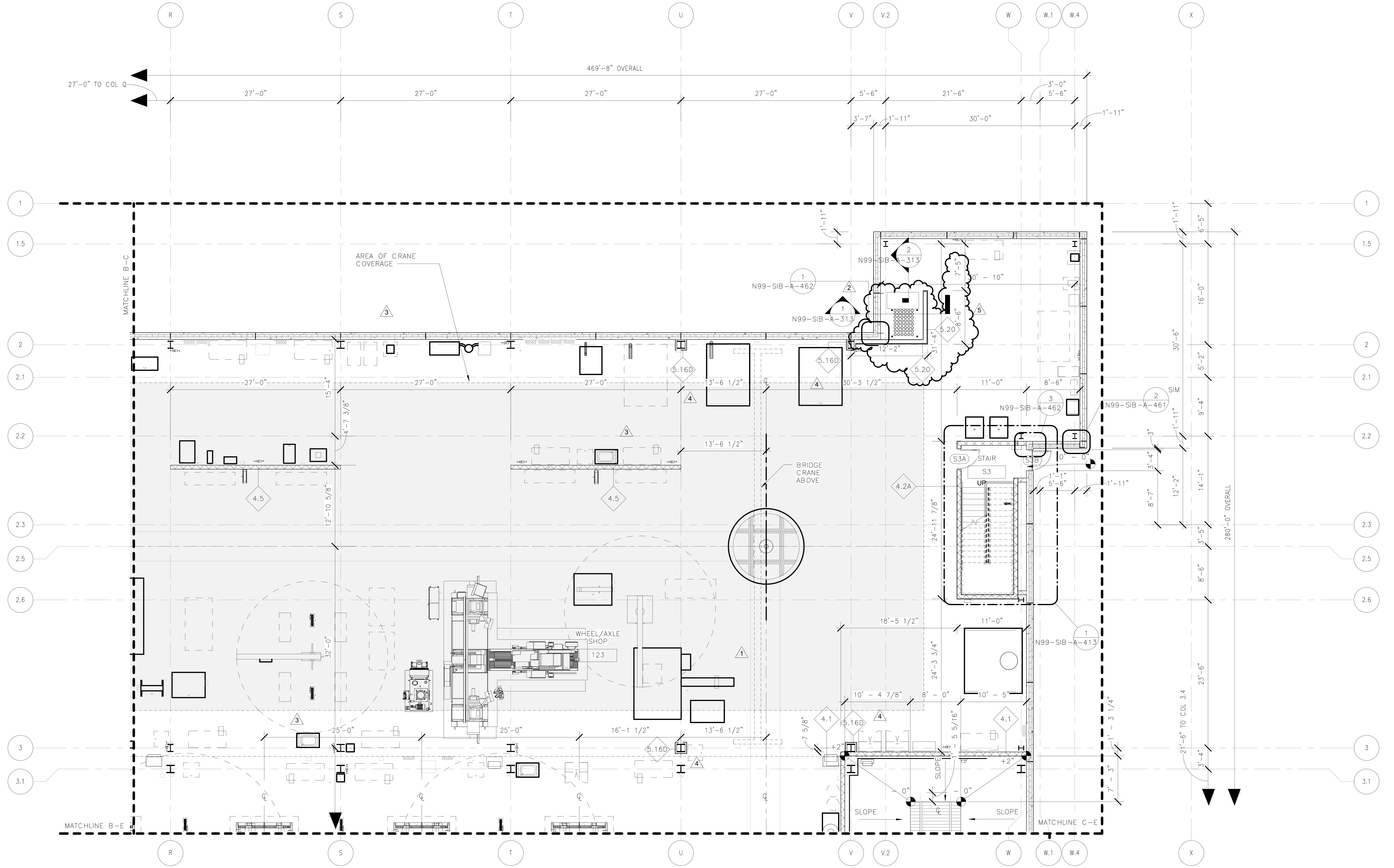


PARTITION PLAN GENERAL NOTES

1. THE INSIDE EDGE OF DOOR FRAMES SHALL BE SET 6" CLEAR FROM THE FINISH FACE OF THE ADJACENT PERPENDICULAR PARTITION UNLESS OTHER WISE NOTE OR DIMENSIONED. DIMENSIONS LOCATING DOORS ARE SET TO THE INSIDE EDGE OF THE DOOR FRAME UNLESS OTHERWISE NOTED.

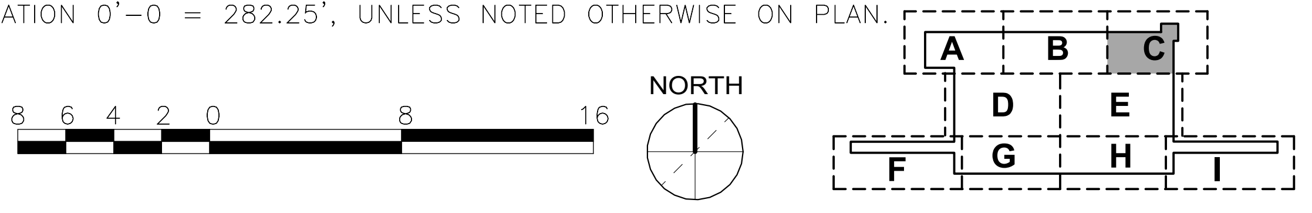
2. ALL GYPSUM WALLBOARD PARTITIONS AND CEILING MATERIALS AND WORK SHALL CONFORM TO THE ASTM AND GYPSUM ASSOCIATION STANDARDS. USE TYPE X, FIRE RETARDANT GYPSUM PANELS IN ALL RATED PARTITIONS AND CEILING ASSEMBLIES. USE WATER RESISTANT GYPSUM PANELS OR CEMENTITIOUS PANELS IN ALL PARTITIONS AND CEILING ASSEMBLIES IN TOILET AND BATH AREAS. USE STANDARD STUDS AND RUNNERS, MINIMUM 20 GAUGE. PROVIDE DOUBLE STUDS AT ALL JAMB OPENINGS.

3. WHERE NON-FIRE-RATED PARTITIONS INTERSECT FIRE-RATED PARTITIONS, THE FIRE-RATED ASSEMBLY SHALL REMAIN INTACT AND CONTINUOUS.

4. CONTRACTOR TO COORDINATE LOCATION OF FIRE PULL STATIONS, EXIT LIGHTS, RISER AND EMERGENCY LIGHTING WITH ENGINEER.

5. PROVIDE IMPACT PROTECTION FOR MEDIUM VOLTAGE CONDUITS. CONFIGURATION TO BE COORDINATED WITH CONDUIT INSTALLATION.

PLAN NOTES:
TOP OF BASEMENT SLAB ELEVATION IS (-16'-0) RELATIVE TO THE REFERENCE FIRST FLOOR FINISH ELEVATION 0'-0 = 282.25', UNLESS NOTED OTHERWISE ON PLAN.



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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
1	07/07/2017	DC 0394: DL-44 & DL-49 Systemwide Updates	LK	CTH	JJK	MLG
2	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
3	09/29/2017	Design Change 0540: DL-65 Parts Washer	LK	CTH	JJK	MLG
4	10/20/2017	Design Change 0561 DL-68: Column Wraps	RR	CTH	JJK	MLG
5	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

giuliani
ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA C

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

DRAWING NO.: N99-SIB-A-114

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DULLES CORRIDOR METRORAIL PROJECT

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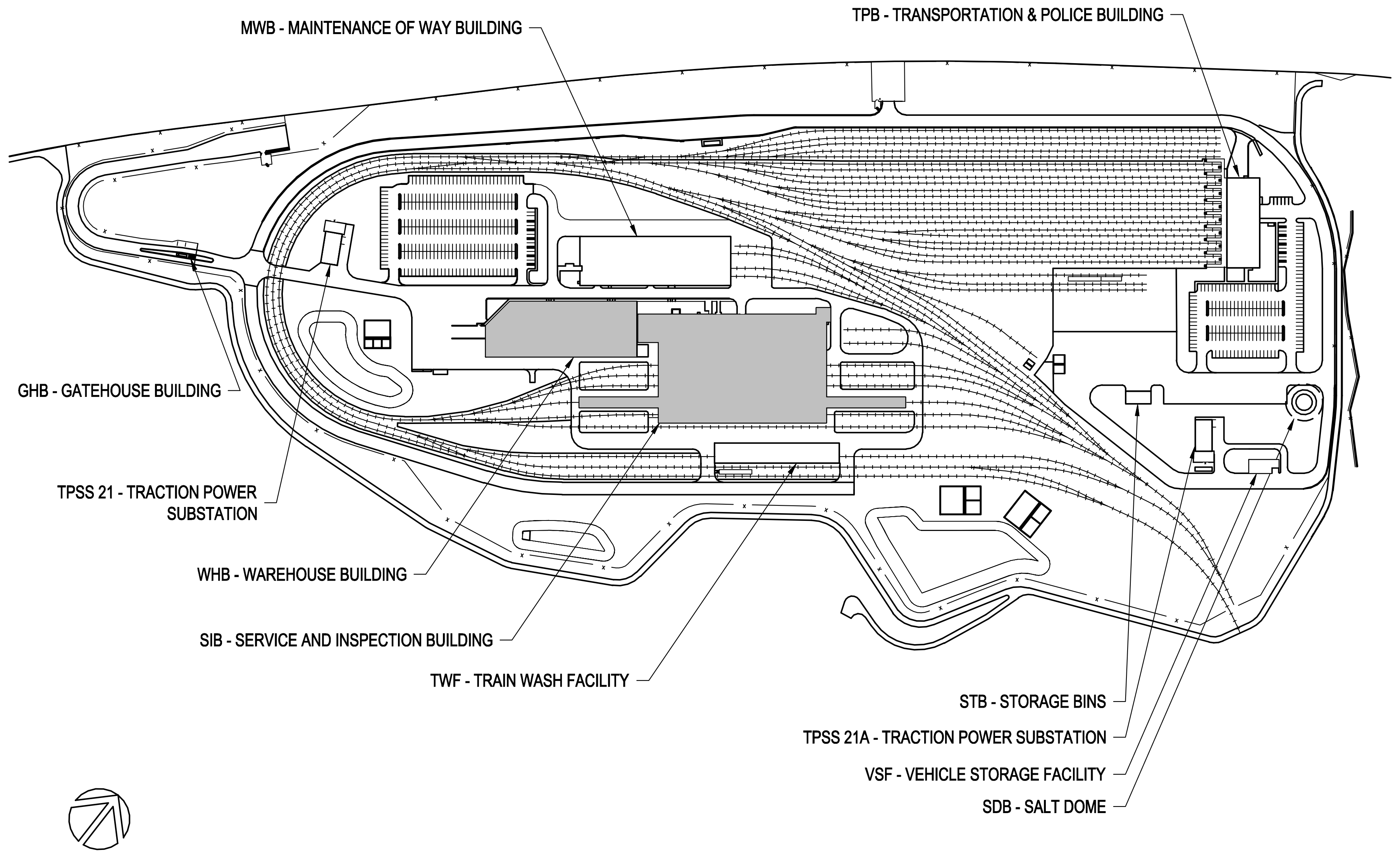
PHASE 2, PACKAGE B - RAIL YARD and MAINTENANCE FACILITY

39D-02-16 - SERVICE AND INSPECTION/ WAREHOUSE BLDGS PACKAGE B

Part 2A of 2 - SIB



M metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

20 FEBRUARY 2017

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

ISSUED FOR PERMIT

CONTRACT NO: 8-14-C001

HENSEL PHELPS Plan. Build. Manage. · giuliani ASSOCIATES ARCHITECTS · SYSTRA · RJA Engineering and Design, Inc. Life Safety, Code Consulting, Fire Protection Acceptance Testing · Shapiro & Duncan · LANGAN ENGINEERING & ENVIRONMENTAL SERVICES · EPCM INC · M.C. DEAN BUILDING INTELLIGENCE · Cardno Haynes Whaley · TIMMONS GROUP · Maintenance Design Group

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PART 1 OF 2		
SHEET NUMBER	SHEET TITLE	IFP
LCW		
N99-LCW-G-001	LCW COVER SHEET	●
N99-LCW-G-002	LCW - DRAWING INDEX - PART 1 OF 2	●
N99-SIB-G-002A	SIB - DRAWING INDEX - PART 2A OF 2	●
N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2	●
N99-SIB-G-002C	SIB - DRAWING INDEX - PART 2C OF 2	●
N99-SIB-G-002D	SIB - DRAWING INDEX - PART 2D OF 2	●
N99-WHB-G-002E	WHB - DRAWING INDEX - PART 2E OF 2	●
N99-WHB-G-002F	WHB - DRAWING INDEX - PART 2F OF 2	●
N99-TWF-G-002	TWF - DRAWING INDEX - PART 2 OF 2	●
N99-MWB-G-002A	MWB - DRAWING INDEX - PART 2A OF 2	●
N99-MWB-G-002B	MWB - DRAWING INDEX - PART 2B OF 2	●
N99-MWB-G-002C	MWB - DRAWING INDEX - PART 2C OF 2	●
N99-TPB-G-002A	TPB - DRAWING INDEX - PART 2A OF 2	●
N99-TPB-G-002B	TPB - DRAWING INDEX - PART 2B OF 2	●
N99-VSF/GHB-G-002	VSF/GHB - DRAWING INDEX - PART 2 OF 2	●
ARCHITECTURAL		
N99-LCW-G-003	GENERAL NOTES	●
N99-LCW-G-004	ARCHITECTURAL SYMBOLS, LEGEND & ABBR.	●
N99-LCW-G-005	ADAAG DETAILS	●
ELECTRICAL		
N99-LCW-E-011	LIGHTING AND POWER PLANS GENERAL NOTES AND ABBREVIATIONS	●
N99-LCW-E-012	LIGHTING AND POWER PLAN SYMBOL LIST	●
N99-LCW-E-013	BUILDING INTERIOR LIGHTING FIXTURE SCHEDULE	●
N99-LCW-E-014	BUILDING INTERIOR LIGHTING CONTROL SCHEMATIC	●
MECHANICAL / PLUMBING		
N99-LCW-MP-001	LCW - MECHANICAL NOTES & SYMBOLS	●
N99-LCW-MP-002	LCW - MECHANICAL NOTES & SYMBOLS	●
N99-LCW-MP-003	LCW - MECHANICAL PIPE & INSULATION SCHEDULE	●
N99-LCW-MP-004	LCW - PLUMBING PIPE & INSULATION SCHEDULE	●
N99-LCW-MP-501	LCW - MECHANICAL TYPICAL DETAILS 1	●
N99-LCW-MP-502	LCW - MECHANICAL TYPICAL DETAILS 2	●
N99-LCW-MP-503	LCW - MECHANICAL TYPICAL DETAILS 3	●
N99-LCW-MP-504	LCW - MECHANICAL TYPICAL DETAILS 4	●
N99-LCW-MP-505	LCW - MECHANICAL TYPICAL DETAILS 5	●
N99-LCW-MP-506	LCW - MECHANICAL TYPICAL DETAILS 6	●
N99-LCW-MP-507	LCW - MECHANICAL TYPICAL DETAILS 7	●
N99-LCW-MP-508	LCW - MECHANICAL TYPICAL DETAILS 8	●
N99-LCW-MP-551	LCW - PLUMBING TYPICAL DETAILS 1	●
N99-LCW-MP-552	LCW - PLUMBING TYPICAL DETAILS 2	●
N99-LCW-MP-553	LCW - PLUMBING TYPICAL DETAILS 3	●
N99-LCW-MP-601	LCW - MECHANICAL SCHEDULES 1	●
N99-LCW-MP-602	LCW - MECHANICAL SCHEDULES 2	●
N99-LCW-MP-603	LCW - MECHANICAL SCHEDULES 3	●
N99-LCW-MP-604	LCW - MECHANICAL SCHEDULES 4	●
N99-LCW-MP-605	LCW - MECHANICAL SCHEDULES 5	●
N99-LCW-MP-606	LCW - MECHANICAL SCHEDULES 6	●
N99-LCW-MP-607	LCW - MECHANICAL SCHEDULES 7	●
N99-LCW-MP-608	LCW - MECHANICAL SCHEDULES 8	●
N99-LCW-MP-609	LCW - MECHANICAL SCHEDULES 9	●
N99-LCW-MP-610	LCW - MECHANICAL SCHEDULES 10	●
N99-LCW-MP-651	LCW - PLUMBING SCHEDULES 1	●
N99-LCW-MP-652	LCW - PLUMBING SCHEDULES 2	●
N99-LCW-MP-653	LCW - PLUMBING SCHEDULES 3	●
N99-LCW-MP-801	LCW - BUILDING AUTOMATION SYSTEM ARCH.	●
N99-LCW-MP-802	LCW - BUILDING AUTOMATION SYSTEM ARCH.	●
COMMUNICATIONS		
N99-LCW-CM-500	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-501	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-502	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-503	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-504	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-505	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-506	LABELING SCHEME	●
N99-LCW-CM-507	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-508	COMMUNICATIONS SYSTEMS DETAILS	●
N99-LCW-CM-600	COMMUNICATIONS SITE DISTRIBUTION PLAN	●
N99-LCW-CM-601	SITE DISTRIBUTION AREA A	●
N99-LCW-CM-602	SITE DISTRIBUTION AREA B	●
N99-LCW-CM-603	SITE DISTRIBUTION AREA C	●
N99-LCW-CM-604	SITE DISTRIBUTION AREA D	●
N99-LCW-CM-605	SITE DISTRIBUTION AREA E	●
N99-LCW-CM-606	SITE DISTRIBUTION AREA F	●
N99-LCW-CM-700	CCTV SITE DISTRIBUTION PLAN	●
N99-LCW-ACIS-000	PROJECT LOCATION WIDE ACIS - GENERAL INFORMATION	●
N99-LCW-ACIS-100	PROJECT LOCATION WIDE ACIS - COMPOSITE SITE PLAN	●
N99-LCW-ACIS-200	PROJECT LOCATION WIDE ACIS - ACIS DOOR ELEVATION DETAILS	●
N99-LCW-ACIS-201	PROJECT LOCATION WIDE ACIS - ACIS DOOR ELEVATION DETAILS	●
N99-LCW-ACIS-202	PROJECT LOCATION WIDE ACIS - ACIS DOOR ELEVATION DETAILS	●
N99-LCW-ACIS-203	PROJECT LOCATION WIDE ACIS - ACIS DOOR ELEVATION DETAILS	●
N99-LCW-ACIS-204	PROJECT LOCATION WIDE ACIS - ACIS DOOR ELEVATION DETAILS	●
N99-LCW-ACIS-205	PROJECT LOCATION WIDE ACIS - ACIS DOOR ELEVATION DETAILS	●
N99-LCW-ACIS-500	PROJECT LOCATION WIDE ACIS - MOUNTING AND WIRING DETAILS	●
N99-LCW-ACIS-501	PROJECT LOCATION WIDE ACIS - MOUNTING AND WIRING DETAILS	●
N99-LCW-ACIS-502	PROJECT LOCATION WIDE ACIS - MOUNTING AND WIRING DETAILS	●
N99-LCW-ACIS-503	PROJECT LOCATION WIDE ACIS - MOUNTING AND WIRING DETAILS	●
N99-LCW-ACIS-504	PROJECT LOCATION WIDE ACIS - MOUNTING AND WIRING DETAILS	●
N99-LCW-ACIS-505	PROJECT LOCATION WIDE ACIS - MOUNTING AND WIRING DETAILS	●
N99-LCW-ACIS-600	PROJECT LOCATION WIDE ACIS - BLOCK DIAGRAM	●
N99-LCW-CTV-000	PROJECT LOCATION WIDE CCTV SYSTEM - GENERAL INFORMATION	●
N99-LCW-CTV-100	PROJECT LOCATION WIDE CCTV SYSTEM - COMPOSITE SITE PLAN	●
N99-LCW-CTV-110	PROJECT LOCATION WIDE CCTV SYSTEM - FENCE DETTECTION FIELD OF VIEW PLAN	●
N99-LCW-CTV-120	PROJECT LOCATION WIDE CCTV SYSTEM - COMPOSITE BUILDING FIELD OF VIEW PLAN	●
N99-LCW-CTV-500	PROJECT LOCATION WIDE CCTV SYSTEM - MOUNTING AND WIRING DETAILS	●

PART 1 OF 2 CONTINUATION		
SHEET NUMBER	SHEET TITLE	IFP
N99-LCW-CTV-501	PROJECT LOCATION WIDE CCTV SYSTEM - MOUNTING AND WIRING DETAILS	●
N99-LCW-CTV-502	PROJECT LOCATION WIDE CCTV SYSTEM - MOUNTING AND WIRING DETAIL	●
N99-LCW-CTV-600	PROJECT LOCATION WIDE CCTV SYSTEM - BLOCK DIAGRAM	●
N99-LCW-FIA-001	COVERPAGE	●
N99-LCW-FIA-002	FIRE ALARM SYMBOLS & ABBREVIATIONS	●
N99-LCW-FIA-600	FIRE ALARM NETWORK RISER DIAGRAM	●
N99-LCW-FIA-700	FIRE ALARM SITE MATRIX	●
N99-LCW-FOS-601	FIBER OPTIC SYSTEM - RISER DIAGRAM	●
N99-LCW-LAN-601	LAN/WAN SYSTEM BLOCK DIAGRAM	●
N99-LCW-SCD-601	SCADA SYSTEM BLOCK DIAGRAM	●
N99-LCW-SCD-602	YARD MASTER TRIP SYSTEM DIAGRAM	●
N99-LCW-PAS-600	PUBLIC ADDRESS SYSTEM BLOCK DIAGRAM	●
N99-LCW-TK-600	MOBILE RADIO SYSTEM RISER DIAGRAM	●
N99-LCW-TEL-600	TELEPHONE CABLE RISER DIAGRAM	●
N99-LCW-TEL-601	TELEPHONE SYSTEM BLOCK DIAGRAM	●
EQUIPMENT		
N99-LCW-MP-900	EQUIPMENT GENERAL NOTES, LEGEND, & ABBREV	●
N99-LCW-MP-901	EQUIPMENT SCHEDULE 1 OF 15	●
N99-LCW-MP-902	EQUIPMENT SCHEDULE 2 OF 15	●
N99-LCW-MP-903	EQUIPMENT SCHEDULE 3 OF 15	●
N99-LCW-MP-904	EQUIPMENT SCHEDULE 4 OF 15	●
N99-LCW-MP-905	EQUIPMENT SCHEDULE 5 OF 15	●
N99-LCW-MP-906	EQUIPMENT SCHEDULE 6 OF 15	●
N99-LCW-MP-907	EQUIPMENT SCHEDULE 7 OF 15	●
N99-LCW-MP-908	EQUIPMENT SCHEDULE 8 OF 15	●
N99-LCW-MP-909	EQUIPMENT SCHEDULE 9 OF 15	●
N99-LCW-MP-910	EQUIPMENT SCHEDULE 10 OF 15	●
N99-LCW-MP-911	EQUIPMENT SCHEDULE 11 OF 15	●
N99-LCW-MP-912	EQUIPMENT SCHEDULE 12 OF 15	●
N99-LCW-MP-913	EQUIPMENT SCHEDULE 13 OF 15	●
N99-LCW-MP-914	EQUIPMENT SCHEDULE 14 OF 15	●
N99-LCW-MP-915	EQUIPMENT SCHEDULE 15 OF 15	●

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REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

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AREA TRANSIT AUTHORITY

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009

39D-01-15	39D-03-16	39D-05-16
39D-02-16	39D-04-16	39D-06-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

LCW - DRAWING INDEX - PART 1 OF 2

SCALE: NTS

DRAWING NO.: N99-LCW-G-002

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Part 2A of 2

SHEET NUMBER	SHEET TITLE	IFP
GENERAL		
N99-SIB-G-001A	SIB - COVER SHEET - PART 2A OF 2	●
N99-LCW-G-002	LCW - DRAWING INDEX - PART 1 OF 2	●
N99-SIB-G-002A	SIB - DRAWING INDEX - PART 2A OF 2	●
N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2	●
N99-SIB-G-002C	SIB - DRAWING INDEX - PART 2C OF 2	●
N99-SIB-G-002D	SIB - DRAWING INDEX - PART 2D OF 2	●
N99-WHB-G-002E	WHB - DRAWING INDEX - PART 2E OF 2	●
N99-WHB-G-002F	WHB - DRAWING INDEX - PART 2F OF 2	●
ARCHITECTURAL		
N99-SIB-A-021	SIB - CODE ANALYSIS	●
N99-SIB-A-023	SIB - LIFE SAFETY PLANS - LOWER LEVEL & LIFE SAFETY SECTION	●
N99-SIB-A-024	SIB - LIFE SAFETY PLANS - FIRST FLOOR - OVERALL	●
N99-SIB-A-025	SIB - LIFE SAFETY PLANS - FIRST FLOOR - AREA A	●
N99-SIB-A-026	SIB - LIFE SAFETY PLANS - FIRST FLOOR - AREA B	●
N99-SIB-A-027	SIB - LIFE SAFETY PLANS - FIRST FLOOR - AREA C	●
N99-SIB-A-028	SIB - LIFE SAFETY PLANS - LOWER MEZZANINE	●
N99-SIB-A-029	SIB - LIFE SAFETY PLANS - UPPER MEZZANINE	●
N99-SIB-A-101	SIB - OVERALL BASMENT / PIT FLOOR PLAN	●
N99-SIB-A-102	SIB - LOWER LEVEL /PIT FLOOR PLAN - AREA A	●
N99-SIB-A-103	SIB - LOWER LEVEL /PIT FLOOR PLAN - AREA B	●
N99-SIB-A-111	SIB - OVERALL FIRST FLOOR PLAN	●
N99-SIB-A-112	SIB - FIRST FLOOR PLAN - AREA A	●
N99-SIB-A-113	SIB - FIRST FLOOR PLAN - AREA B	●
N99-SIB-A-114	SIB - FIRST FLOOR PLAN - AREA C	●
N99-SIB-A-115	SIB - FIRST FLOOR PLAN - AREA D	●
N99-SIB-A-116	SIB - FIRST FLOOR PLAN - AREA E	●
N99-SIB-A-117	SIB - FIRST FLOOR PLAN - AREA F	●
N99-SIB-A-118	SIB - FIRST FLOOR PLAN - AREA G	●
N99-SIB-A-119	SIB - FIRST FLOOR PLAN - AREA H	●
N99-SIB-A-120	SIB - FIRST FLOOR PLAN - AREA I	●
N99-SIB-A-121	SIB - OVERALL LOWER MEZZANINE FLOOR PLAN	●
N99-SIB-A-122	SIB - LOWER MEZZANINE FLOOR PLAN - AREA B	●
N99-SIB-A-125	SIB - LOWER MEZZANINE FLOOR PLAN - AREA D	●
N99-SIB-A-131	SIB - OVERALL UPPER MEZZANINE FLOOR PLAN	●
N99-SIB-A-133	SIB - UPPER MEZZANINE FLOOR PLAN - AREA B	●
N99-SIB-A-134	SIB - UPPER MEZZANINE FLOOR PLAN - AREA C	●
N99-SIB-A-141	SIB - OVERALL ROOF PLAN	●
N99-SIB-A-142	SIB - ROOF PLAN - AREA A	●
N99-SIB-A-143	SIB - ROOF PLAN - AREA B	●
N99-SIB-A-144	SIB - ROOF PLAN - AREA C	●
N99-SIB-A-145	SIB - ROOF PLAN - AREA D	●
N99-SIB-A-146	SIB - ROOF PLAN - AREA E	●
N99-SIB-A-147	SIB - ROOF PLAN - AREA F	●
N99-SIB-A-148	SIB - ROOF PLAN - AREA G	●
N99-SIB-A-149	SIB - ROOF PLAN - AREA H	●
N99-SIB-A-150	SIB - ROOF PLAN - AREA I	●
N99-SIB-A-151	SIB - OVERALL BASEMENT/PIT REFLECTED CEILING PLAN	●
N99-SIB-A-152	SIB - BASEMENT/PIT REFLECTED CEILING PLAN - AREA A	●
N99-SIB-A-153	SIB - BASEMENT/PIT REFLECTED CEILING PLAN - AREA B	●
N99-SIB-A-161	SIB - OVERALL FIRST FLOOR REFLECTED CEILING PLAN	●
N99-SIB-A-162	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA A	●
N99-SIB-A-163	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA B	●
N99-SIB-A-164	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA C	●
N99-SIB-A-165	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA D	●
N99-SIB-A-166	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA E	●
N99-SIB-A-167	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA F	●
N99-SIB-A-168	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA G	●
N99-SIB-A-169	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA H	●
N99-SIB-A-170	SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA I	●
N99-SIB-A-171	SIB - OVERALL LOWER MEZZANINE REFLECTED CEILING PLAN	●
N99-SIB-A-173	SIB - LOWER MEZZANINE REFLECTED CEILING PLAN - AREA B	●
N99-SIB-A-181	SIB - OVERALL UPPER MEZZANINE REFLECTED CEILING PLAN	●
N99-SIB-A-183	SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA B	●
N99-SIB-A-184	SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA C	●
N99-SIB-A-185	SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA D	●
N99-SIB-A-186	SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA G	●
N99-SIB-A-201	SIB - BUILDING EXTERIOR ELEVATIONS	●
N99-SIB-A-202	SIB - BUILDING EXTERIOR ELEVATIONS	●
N99-SIB-A-203	SIB - STAIR TOWER ELEVATION	●
N99-SIB-A-204	SIB - ELEVATION DETAILS	●
N99-SIB-A-301	SIB - BUILDING THRU SECTIONS	●
N99-SIB-A-302	SIB - BUILDING THRU SECTIONS	●
N99-SIB-A-303	SIB - BUILDING THRU SECTIONS	●
N99-SIB-A-304	BLOW PIT / INTERIOR ELEVATIONS	●
N99-SIB-A-311	SIB - WALL SECTIONS	●
N99-SIB-A-312	SIB - WALL SECTIONS	●
N99-SIB-A-401	SIB - ENLARGED ELEVATOR PLANS AND SECTIONS	●
N99-SIB-A-402	SIB - ELEVATOR DETAILS	●
N99-SIB-A-411	SIB - ENLARGED STAIR PLANS AND SECTIONS	●
N99-SIB-A-412	SIB - ENLARGED STAIR PLANS AND SECTIONS	●
N99-SIB-A-413	SIB - ENLARGED STAIR PLANS AND SECTIONS	●
N99-SIB-A-414	SIB - ENLARGED STAIR PLANS AND SECTIONS	●
N99-SIB-A-415	SIB - ENLARGED STAIR PLANS AND SECTIONS	●
N99-SIB-A-416	SIB - STAIR DETAILS	●
N99-SIB-A-417	SIB - LADDER DETAILS AND ELEVATIONS	●
N99-SIB-A-418	SIB - STAIR DETAILS	●
N99-SIB-A-419	SIB - INDUSTRIAL STAIR DETAILS	●
N99-SIB-A-420	SIB - CRANE ACCESS LADDER DETAILS	●
N99-SIB-A-421	SIB - ENLARGED TOILET ROOM PLAN AND DETAILS	●
N99-SIB-A-422	SIB - ENLARGED TOILET ROOM PLAN AND DETAILS	●
N99-SIB-A-423	SIB - ENLARGED TOILET ROOM PLANS AND DETAILS	●

Part 2A of 2 CONTINUATION

SHEET NUMBER	SHEET TITLE	IFP
N99-SIB-A-431	SIB - TOILET ROOM ELEVATIONS	●
N99-SIB-A-432	SIB - TOILET ROOM ELEVATIONS	●
N99-SIB-A-433	SIB - TOILET ROOM ELEVATIONS	●
N99-SIB-A-441	SIB - SHOWER DETAILS	●
N99-SIB-A-461	SIB - ENLARGED PRECAST DETAILS	●
N99-SIB-A-462	SIB - ENLARGED PRECAST DETAILS	●
N99-SIB-A-510	SIB - ROOF DETAILS	●
N99-SIB-A-511	SIB - ENLARGED WALL SECTIONS	●
N99-SIB-A-512	SIB - ENLARGED WALL SECTIONS	●
N99-SIB-A-513	SIB - ENLARGED WALL SECTIONS	●
N99-SIB-A-514	SIB - ENLARGED WALL SECTIONS	●
N99-SIB-A-516	SIB - SKYLIGHT DETAILS	●
N99-SIB-A-520	SIB - MISCELLANEOUS DETAILS	●
N99-SIB-A-521	SIB - MISCELLANEOUS DETAILS	●
N99-SIB-A-522	SIB - SLIDING GATE DETAILS	●
N99-SIB-A-523	SIB - MISCELLANEOUS DETAILS	●
N99-SIB-A-530	SIB - CANOPY DETAILS	●
N99-SIB-A-540	SIB - EXPANSION JOINT EXTERIOR DETAILS	●
N99-SIB-A-541	SIB - EXPANSION JOINT INTERIOR DETAILS	●
N99-SIB-A-560	SIB - SCREEN WALL DETAILS	●
N99-SIB-A-590	SIB - SUN SHADE DETAILS	●
N99-SIB-A-601	SIB - PARTITION TYPES	●
N99-SIB-A-602	SIB - PARTITION TYPES	●
N99-SIB-A-603	SIB - PARTITION TYPES	●
N99-SIB-A-604	SIB - PARTITION TYPES	●
N99-SIB-A-605	SIB - PARTITION TYPES	●
N99-SIB-A-611	SIB - DOOR SCHEDULE AND DETAILS	●
N99-SIB-A-612	SIB - DOOR JAMB, HEAD AND SILL DETAILS	●
N99-SIB-A-613	SIB - DOOR JAMB, HEAD, AND SILL DETAILS	●
N99-SIB-A-621	SIB - WINDOW SCHEDULE AND DETAILS	●
N99-SIB-A-622	SIB - WINDOW DETAILS	●
N99-SIB-A-631	SIB - LOUVER HEAD, JAMB AND SILL DETAILS	●
N99-SIB-A-641	SIB - FINISH SCHEDULE	●
N99-SIB-A-701	SIB - MILLWORK	●
ARCHITECTURAL INTERIOR		
N99-SIB-AI-101	SIB - FIRST FLOOR FINISH PLAN - AREA B	●
N99-SIB-AI-102	SIB - UPPER MEZZANINE FINISH PLAN - AREA B	●
N99-SIB-AI-103	SIB - UPPER MEZZANINE FINISH PLAN - AREA C	●
ARCHITECTURAL GRAPHICS		
N99-SIB-AG-101	SIB - OVERALL BASMENT / PIT FLOOR - SIGN PLAN	●
N99-SIB-AG-102	SIB - BASEMENT/PIT FLOOR PLAN - AREA A - SIGN PLAN	●
N99-SIB-AG-103	SIB - BASEMENT/PIT FLOOR PLAN - AREA B - SIGN PLAN	●
N99-SIB-AG-111	SIB - OVERALL FIRST FLOOR - SIGN PLAN	●
N99-SIB-AG-112	SIB - FIRST FLOOR PLAN - AREA A - SIGN PLAN	●
N99-SIB-AG-113	SIB - FIRST FLOOR PLAN - AREA B - SIGN PLAN	●
N99-SIB-AG-114	SIB - FIRST FLOOR PLAN - AREA C - SIGN PLAN	●
N99-SIB-AG-115	SIB - FIRST FLOOR PLAN - AREA D - SIGN PLAN	●
N99-SIB-AG-116	SIB - FIRST FLOOR PLAN - AREA E - SIGN PLAN	●
N99-SIB-AG-117	SIB - FIRST FLOOR PLAN - AREA F - SIGN PLAN	●
N99-SIB-AG-118	SIB - FIRST FLOOR PLAN - AREA G - SIGN PLAN	●
N99-SIB-AG-119	SIB - FIRST FLOOR PLAN - AREA H - SIGN PLAN	●
N99-SIB-AG-120	SIB - FIRST FLOOR PLAN - AREA I - SIGN PLAN	●
N99-SIB-AG-121	SIB - OVERALL LOWER MEZZANINE FLOOR PLAN - SIGN PLAN	●
N99-SIB-AG-122	SIB - LOWER MEZZANINE FLOOR PLAN - AREA B - SIGN PLAN	●
N99-SIB-AG-131	SIB - OVERALL UPPER MEZZANINE FLOOR PLAN - SIGN PLAN	●
N99-SIB-AG-133	SIB - UPPER MEZZANINE FLOOR PLAN - AREA B - SIGN PLAN	●
N99-SIB-AG-134	SIB - UPPER MEZZANINE FLOOR PLAN - AREA C- SIGN PLAN	●
N99-SIB-AG-200	SIB - SIGNAGE DETAILS	●
N99-SIB-AG-201	SIB - SIGNAGE DETAILS	●
N99-SIB-AG-202	SIB - SIGNAGE DETAILS	●
N99-SIB-AG-203	SIB - SIGNAGE DETAILS	●
N99-SIB-AG-204	SIB - SIGNAGE SCHEDULE	●
N99-SIB-AG-205	SIB - SIGNAGE SCHEDULE	●
N99-SIB-AG-206	SIB - SIGNAGE ELEVATIONS	●

NOTE: SEE N99-LCW SHEETS FOR TYPICAL DETAILS

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APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - DRAWING INDEX - PART 2A OF 2		
SCALE: NTS	DRAWING NO.: N99-SIB-G-002A	

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Part 2B of 2

SHEET NUMBER	SHEET TITLE	IFP
GENERAL		
N99-SIB-G-001B	SIB - COVER SHEET - PART 2B OF 2	●
N99-LCW-G-002	LCW - DRAWING INDEX - PART 1 OF 2	●
N99-SIB-G-002A	SIB - DRAWING INDEX - PART 2A OF 2	●
N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2	●
N99-SIB-G-002C	SIB - DRAWING INDEX - PART 2C OF 2	●
N99-SIB-G-002D	SIB - DRAWING INDEX - PART 2D OF 2	●
N99-WHB-G-002E	WHB - DRAWING INDEX - PART 2E OF 2	●
N99-WHB-G-002F	WHB - DRAWING INDEX - PART 2F OF 2	●
ELECTRICAL		
N99-SIB-E-101	SIB - BASEMENT/PIT - AREA A/B - LTG PLAN	●
N99-SIB-E-102	SIB - BASEMENT/PIT - AREA F - LTG PLAN	●
N99-SIB-E-103	SIB - BASEMENT/PIT - AREA G - LTG PLAN	●
N99-SIB-E-104	SIB - FIRST FLOOR - AREA A - LTG PLAN	●
N99-SIB-E-105	SIB - FIRST FLOOR - AREA B - LTG PLAN	●
N99-SIB-E-106	SIB - FIRST FLOOR - AREA C - LTG PLAN	●
N99-SIB-E-107	SIB - FIRST FLOOR - AREA D - LTG PLAN	●
N99-SIB-E-108	SIB - FIRST FLOOR - AREA E - LTG PLAN	●
N99-SIB-E-109	SIB - FIRST FLOOR - AREA F - LTG PLAN	●
N99-SIB-E-110	SIB - FIRST FLOOR - AREA G - LTG PLAN	●
N99-SIB-E-111	SIB - FIRST FLOOR - AREA H - LTG PLAN	●
N99-SIB-E-112	SIB - FIRST FLOOR - AREA I - LTG PLAN	●
N99-SIB-E-113	SIB - LOWER MEZZANINE - AREA B - LTG PLAN	●
N99-SIB-E-114	SIB - UPPER MEZZANINE - AREA B - LTG PLAN	●
N99-SIB-E-115	SIB - UPPER MEZZANINE - AREA C - LTG PLAN	●
N99-SIB-E-116	SIB - UNDER PLATFORM/FIRST FLOOR - AREA D - LTG PLAN	●
N99-SIB-E-117	SIB - UNDER PLATFORM/FIRST FLOOR - AREA G - LTG PLAN	●
N99-SIB-E-201	SIB - BASEMENT/PIT - AREA A/B - POWER PLAN	●
N99-SIB-E-202	SIB - FIRST FLOOR - AREA A - POWER PLAN	●
N99-SIB-E-203	SIB - FIRST FLOOR - AREA B - POWER PLAN	●
N99-SIB-E-204	SIB - FIRST FLOOR - AREA C - POWER PLAN	●
N99-SIB-E-205	SIB - FIRST FLOOR - AREA D - POWER PLAN	●
N99-SIB-E-206	SIB - FIRST FLOOR - AREA E - POWER PLAN	●
N99-SIB-E-207	SIB - FIRST FLOOR - AREA F - POWER PLAN	●
N99-SIB-E-208	SIB - FIRST FLOOR - AREA G - POWER PLAN	●
N99-SIB-E-209	SIB - FIRST FLOOR - AREA H - POWER PLAN	●
N99-SIB-E-210	SIB - FIRST FLOOR - AREA I - POWER PLAN	●
N99-SIB-E-211	SIB - LOWER MEZZANINE - AREA B - POWER PLAN	●
N99-SIB-E-212	SIB - UPPER MEZZANINE - AREA B - POWER PLAN	●
N99-SIB-E-213	SIB - UPPER MEZZANINE - AREA C - POWER PLAN	●
N99-SIB-E-214	SIB - ROOF - POWER PLAN	●
N99-SIB-E-215	SIB - ROOF - POWER PLAN	●
N99-SIB-E-301	SIB - 34.5 KV AC SWITCHGEAR FRONT VIEW	●
N99-SIB-E-401	SIB - FIRST FLOOR - AREA A EQUIPMENT POWER PLAN	●
N99-SIB-E-402	SIB - FIRST FLOOR - AREA B EQUIPMENT POWER PLAN	●
N99-SIB-E-403	SIB - FIRST FLOOR - AREA C EQUIPMENT POWER PLAN	●
N99-SIB-E-404	SIB - FIRST FLOOR - AREA D EQUIPMENT POWER PLAN	●
N99-SIB-E-405	SIB - FIRST FLOOR - AREA E EQUIPMENT POWER PLAN	●
N99-SIB-E-406	SIB - FIRST FLOOR - AREA F EQUIPMENT POWER PLAN	●
N99-SIB-E-407	SIB - FIRST FLOOR - AREA G EQUIPMENT POWER PLAN	●
N99-SIB-E-408	SIB - FIRST FLOOR - AREA H EQUIPMENT POWER PLAN	●
N99-SIB-E-409	SIB - FIRST FLOOR - AREA I EQUIPMENT POWER PLAN	●
N99-SIB-E-410	SIB - FIRST FLOOR - AREA B - STINGER SYSTEM POWER PLAN	●
N99-SIB-E-411	SIB - FIRST FLOOR - AREA D - STINGER SYSTEM POWER PLAN	●
N99-SIB-E-412	SIB - FIRST FLOOR - AREA E - STINGER SYSTEM POWER PLAN	●
N99-SIB-E-413	SIB - FIRST FLOOR - AREA F - STINGER SYSTEM POWER PLAN	●
N99-SIB-E-414	SIB - FIRST FLOOR - AREA G - STINGER SYSTEM POWER PLAN	●
N99-SIB-E-415	SIB - FIRST FLOOR - AREA H STINGER SYSTEM POWER PLAN	●
N99-SIB-E-416	SIB - FIRST FLOOR - AREA I STINGER SYSTEM POWER PLAN	●
N99-SIB-E-501	SIB - UNIT SUBSTATION SINGLE LINE DIAGRAM	●
N99-SIB-E-502	SIB - 480V SWITCHGEAR SINGLE LINE DIAGRAM BUS 1	●
N99-SIB-E-503	SIB - 480V SWITCHGEAR SINGLE LINE DIAGRAM BUS 2	●
N99-SIB-E-504	SIB - CONTROL DIAGRAM 34.5 KV USS MAIN BREAKER	●
N99-SIB-E-505	SIB - CONTROL DIAGRAM 34.5 KV RECTIFIER TRANSFORMER MAIN BREAKER	●
N99-SIB-E-506	SIB - UNIT SUBSTATION FRONT ELEVATION	●
N99-SIB-E-507	SIB - GROUNDING RISER DIAGRAM	●
N99-SIB-E-508	SIB - GROUNDING DETAIL	●
N99-SIB-E-509	SIB - STINGER SYSTEM ONE-LINE DIAGRAM	●
N99-SIB-E-510	SIB - STINGER SYSTEM ONE-LINE DIAGRAM	●
N99-SIB-E-511	SIB - STINGER SYSTEM CONTROLS DIAGRAM	●
N99-SIB-E-601	SIB - EQUIPMENT CONNECTION SCHEDULES SHEET 1	●
N99-SIB-E-602	SIB - EQUIPMENT CONNECTION SCHEDULES SHEET 2	●
N99-SIB-E-603	SIB - EQUIPMENT CONNECTION SCHEDULES SHEET 3	●
N99-SIB-E-604	SIB - DISCONNECT SWITCH SCHEDULES	●
N99-SIB-E-605	SIB - DISCONNECT SWITCH AND TRANSFORMER SCHEDULES	●
N99-SIB-E-606	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-607	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-608	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-609	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-610	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-611	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-612	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-613	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-614	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-615	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-616	SIB - STINGER SYSTEM CABLE SCHEDULE	●
N99-SIB-E-617	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-618	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-619	SIB - PANELBOARD SCHEDULES	●
N99-SIB-E-620	SIB - AC FEEDER SCHEDULES SHEET 1	●
N99-SIB-E-621	SIB - AC FEEDER SCHEDULES SHEET 2	●

Part 2B of 2 CONTINUATION

SHEET NUMBER	SHEET TITLE	IFP
N99-SIB-E-622	SIB - SWITCHGEAR SCHEDULES	●
N99-SIB-E-623	SIB - SWITCHBOARD SCHEDULES	●
N99-SIB-E-624	SIB - SWITCHBOARD SCHEDULE	●
N99-SIB-E-631	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-632	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-633	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-634	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-635	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-636	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-637	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-638	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-639	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-640	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-641	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-701	SIB - MISCELLANEOUS DETAILS SHEET 1	●
N99-SIB-E-702	SIB - MISCELLANEOUS DETAILS SHEET 2	●
N99-SIB-E-703	SIB - MISCELLANEOUS DETAILS SHEET 3	●
N99-SIB-E-705	SIB - STINGER SYSTEM DETAILS	●
N99-SIB-E-706	SIB - ELECTRICAL AND COMMUNICATION ROOM ENLARGED PLANS	●
N99-SIB-E-707	SIB - ELECTRICAL ROOM 006 ENLARGED PLAN	●
N99-SIB-E-708	DC SWITCHGEAR AND DC SWITCHBOARD ELEVATIONS	●
N99-SIB-E-709	SIB - ELECTRICAL ROOM ENLARGED PLANS	●
N99-SIB-E-710	SIB - ELECTRICAL ROOM ENLARGED PLANS	●

NOTE: SEE N99-LCW SHEETS FOR TYPICAL DETAILS

NOTE: SEE N99-LCW SHEETS FOR TYPICAL DETAILS

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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RAIL YARD AND MAINTENANCE FACILITY

SIB - DRAWING INDEX - PART 2B OF 2

SCALE:	DRAWING NO.:
NTS	N99-SIB-G-002B

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Part 2C of 2

SHEET NUMBER	SHEET TITLE	IFP
GENERAL		
N99-SIB-G-001C	SIB - COVER SHEET - PART 2C OF 2	●
N99-LCW-G-002	LCW - DRAWING INDEX - PART 1 OF 2	●
N99-SIB-G-002A	SIB - DRAWING INDEX - PART 2A OF 2	●
N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2	●
N99-SIB-G-002C	SIB - DRAWING INDEX - PART 2C OF 2	●
N99-SIB-G-002D	SIB - DRAWING INDEX - PART 2D OF 2	●
N99-WHB-G-002E	WHB - DRAWING INDEX - PART 2E OF 2	●
N99-WHB-G-002F	WHB - DRAWING INDEX - PART 2F OF 2	●
MECHANICAL / PLUMBING		
N99-SIB-MP-001	SIB - IMC VENTILATION CALCULATIONS 1	●
N99-SIB-MP-002	SIB - IMC VENTILATION CALCULATIONS 2	●
N99-SIB-MP-101	SIB - LOWER LEVEL MECHANICAL PLAN - OVERALL	●
N99-SIB-MP-102	SIB - LOWER LEVEL MECHANICAL PLAN - AREA A	●
N99-SIB-MP-103	SIB - LOWER LEVEL MECHANICAL PLAN - AREA B	●
N99-SIB-MP-111	SIB - FIRST FLOOR MECHANICAL PLAN - OVERALL	●
N99-SIB-MP-112	SIB - FIRST FLOOR MECHANICAL PLAN - AREA A	●
N99-SIB-MP-113	SIB - FIRST FLOOR MECHANICAL PLAN - AREA B	●
N99-SIB-MP-114	SIB - FIRST FLOOR MECHANICAL PLAN - AREA C	●
N99-SIB-MP-115	SIB - FIRST FLOOR MECHANICAL PLAN - AREA D	●
N99-SIB-MP-116	SIB - FIRST FLOOR MECHANICAL PLAN - AREA E	●
N99-SIB-MP-117	SIB - FIRST FLOOR MECHANICAL PLAN - AREA F	●
N99-SIB-MP-118	SIB - FIRST FLOOR MECHANICAL PLAN - AREA G	●
N99-SIB-MP-119	SIB - FIRST FLOOR MECHANICAL PLAN - AREA H	●
N99-SIB-MP-120	SIB - FIRST FLOOR MECHANICAL PLAN - AREA I	●
N99-SIB-MP-121	SIB - LOWER MEZZANINE MECHANICAL PLAN - AREA B	●
N99-SIB-MP-131	SIB - UPPER MEZZANINE MECHANICAL PLAN - OVERALL	●
N99-SIB-MP-132	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA A	●
N99-SIB-MP-133	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA B	●
N99-SIB-MP-134	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA C	●
N99-SIB-MP-135	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA D	●
N99-SIB-MP-136	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA E	●
N99-SIB-MP-138	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA G	●
N99-SIB-MP-139	SIB - UPPER MEZZANINE MECHANICAL PLAN - AREA H	●
N99-SIB-MP-141	SIB - ROOF MECHANICAL PLAN - OVERALL	●
N99-SIB-MP-142	SIB - ROOF MECHANICAL PLAN - AREA A	●
N99-SIB-MP-143	SIB - ROOF MECHANICAL PLAN - AREA B	●
N99-SIB-MP-144	SIB - ROOF MECHANICAL PLAN - AREA C	●
N99-SIB-MP-145	SIB - ROOF MECHANICAL PLAN - AREA D	●
N99-SIB-MP-146	SIB - ROOF MECHANICAL PLAN - AREA E	●
N99-SIB-MP-147	SIB - ROOF MECHANICAL PLAN - AREA F	●
N99-SIB-MP-148	SIB - ROOF MECHANICAL PLAN - AREA G	●
N99-SIB-MP-149	SIB - ROOF MECHANICAL PLAN - AREA H	●
N99-SIB-MP-150	SIB - ROOF MECHANICAL PLAN - AREA I	●
N99-SIB-MP-151	SIB - LOWER LEVEL PLUMBING PLAN - OVERALL	●
N99-SIB-MP-152	SIB - LOWER LEVEL PLUMBING PLAN - AREA A	●
N99-SIB-MP-153	SIB - LOWER LEVEL PLUMBING PLAN - AREA B	●
N99-SIB-MP-161	SIB - FIRST FLOOR PLUMBING PLAN - OVERALL	●
N99-SIB-MP-162	SIB - FIRST FLOOR PLUMBING PLAN - AREA A	●
N99-SIB-MP-163	SIB - FIRST FLOOR PLUMBING PLAN - AREA B	●
N99-SIB-MP-164	SIB - FIRST FLOOR PLUMBING PLAN - AREA C	●
N99-SIB-MP-165	SIB - FIRST FLOOR PLUMBING PLAN - AREA D	●
N99-SIB-MP-166	SIB - FIRST FLOOR PLUMBING PLAN - AREA E	●
N99-SIB-MP-167	SIB - FIRST FLOOR PLUMBING PLAN - AREA F	●
N99-SIB-MP-168	SIB - FIRST FLOOR PLUMBING PLAN - AREA G	●
N99-SIB-MP-169	SIB - FIRST FLOOR PLUMBING PLAN - AREA H	●
N99-SIB-MP-170	SIB - FIRST FLOOR PLUMBING PLAN - AREA I	●
N99-SIB-MP-171	SIB - LOWER MEZZANINE PLUMBING PLAN - OVERALL	●
N99-SIB-MP-172	SIB - LOWER MEZZANINE PLUMBING PLAN - AREA A	●
N99-SIB-MP-173	SIB - LOWER MEZZANINE PLUMBING PLAN - AREA B	●
N99-SIB-MP-174	SIB - LOWER MEZZANINE PLUMBING PLAN - AREA C	●
N99-SIB-MP-175	SIB - LOWER MEZZANINE PLUMBING PLAN - AREA F	●
N99-SIB-MP-176	SIB - LOWER MEZZANINE PLUMBING PLAN - AREA I	●
N99-SIB-MP-177	SIB - UPPER MEZZANINE PLUMBING PLAN - OVERALL	●
N99-SIB-MP-178	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA A	●
N99-SIB-MP-179	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA B	●
N99-SIB-MP-180	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA C	●
N99-SIB-MP-181	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA D	●
N99-SIB-MP-182	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA E	●
N99-SIB-MP-183	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA G	●
N99-SIB-MP-184	SIB - UPPER MEZZANINE PLUMBING PLAN - AREA H	●
N99-SIB-MP-185	SIB - ROOF PLUMBING PLAN - OVERALL	●
N99-SIB-MP-186	SIB - ROOF PLUMBING PLAN - AREA A	●
N99-SIB-MP-187	SIB - ROOF PLUMBING PLAN - AREA B	●
N99-SIB-MP-188	SIB - ROOF PLUMBING PLAN - AREA C	●
N99-SIB-MP-189	SIB - ROOF PLUMBING PLAN - AREA D	●
N99-SIB-MP-190	SIB - ROOF PLUMBING PLAN - AREA E	●
N99-SIB-MP-191	SIB - ROOF PLUMBING PLAN - AREA F	●
N99-SIB-MP-192	SIB - ROOF PLUMBING PLAN - AREA G	●
N99-SIB-MP-193	SIB - ROOF PLUMBING PLAN - AREA H	●
N99-SIB-MP-194	SIB - ROOF PLUMBING PLAN - AREA I	●
N99-SIB-MP-301	SIB - MECHANICAL SECTIONS 1	●
N99-SIB-MP-302	SIB - MECHANICAL SECTIONS 2	●
N99-SIB-MP-303	SIB - MECHANICAL SECTIONS 3	●
N99-SIB-MP-401	SIB - ENLARGED MECHANICAL PLAN 1	●
N99-SIB-MP-402	SIB - ENLARGED MECHANICAL PLAN 2	●
N99-SIB-MP-451	SIB - ENLARGED PLUMBING PLAN 1	●
N99-SIB-MP-452	SIB - ENLARGED PLUMBING PLAN 2	●
N99-SIB-MP-453	SIB - ENLARGED PLUMBING PLAN 3	●
N99-SIB-MP-701	SIB - DUCT RISER DIAGRAM	●
N99-SIB-MP-702	SIB - HOT WATER RISER DIAGRAM	●

Part 2C of 2 CONTINUATION

SHEET NUMBER	SHEET TITLE	IFP
N99-SIB-MP-751	SIB - SANITARY RISER DIAGRAM	●
N99-SIB-MP-752	SIB - DOMESTIC WATER RISER DIAGRAM	●
N99-SIB-MP-753	SIB - STORM WATER RISER DIAGRAM	●
N99-SIB-MP-754	SIB - NATURAL GAS RISER DIAGRAM	●
N99-SIB-MP-755	SIB - NON-POTABLE WATER RISER DIAGRAM	●
N99-SIB-MP-756	SIB - INDUSTRIAL WASTE RISER DIAGRAM	●
N99-SIB-MP-801	SIB - MECHANICAL CONTROLS 1	●
N99-SIB-MP-802	SIB - MECHANICAL CONTROLS 2	●
N99-SIB-MP-803	SIB - MECHANICAL CONTROLS 3	●
N99-SIB-MP-804	SIB - MECHANICAL CONTROLS 4	●
N99-SIB-MP-805	SIB - MECHANICAL CONTROLS 5	●
N99-SIB-MP-806	SIB - MECHANICAL CONTROLS 6	●

NOTE: SEE N99-LCW SHEETS FOR TYPICAL DETAILS

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ORIGINATORS

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CHECKED	DATE
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APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
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METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - DRAWING INDEX - PART 2C OF 2

SCALE:

DRAWING NO.: N99-SIB-G-002C

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Part 2D of 2

SHEET NUMBER	SHEET TITLE	IFP
GENERAL		
N99-SIB-G-001D	SIB - COVER SHEET - PART 2D OF 2	●
N99-LCW-G-002	LCW - DRAWING INDEX - PART 1 OF 2	●
N99-SIB-G-002A	SIB - DRAWING INDEX - PART 2A OF 2	●
N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2	●
N99-SIB-G-002C	SIB - DRAWING INDEX - PART 2C OF 2	●
N99-SIB-G-002D	SIB - DRAWING INDEX - PART 2D OF 2	●
N99-WHB-G-002E	WHB - DRAWING INDEX - PART 2E OF 2	●
N99-WHB-G-002F	WHB - DRAWING INDEX - PART 2F OF 2	●
COMMUNICATIONS		
N99-SIB-CER-401	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS ENLARGED PLAN & ELEVATIONS - ROOM 212	●
N99-SIB-CER-402	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS ENLARGED PLAN & ELEVATIONS - ROOM M03	●
N99-SIB-CER-403	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS ENLARGED PLAN & ELEVATIONS - ROOM 006	●
N99-SIB-CER-404	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS ENLARGED PLAN & ELEVATIONS - ROOM 123 & 212	●
N99-SIB-CER-405	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS ENLARGED PLAN & ELEVATIONS - ROOM 211 & 213	●
N99-SIB-ACIS-000	S&I MAINTENANCE BUILDING ACIS - GENERAL INFORMATION	●
N99-SIB-ACIS-001	S&I MAINTENANCE BUILDING ACIS - MASTER DEVICE SCHEDULE	●
N99-SIB-ACIS-101	SERVICE & INSPECTION BUILDING ACIS - LOWER LEVEL AREA A FLOOR PLAN	●
N99-SIB-ACIS-102	SERVICE & INSPECTION BUILDING ACIS - LOWER LEVEL AREA B FLOOR PLAN	●
N99-SIB-ACIS-112	SERVICE & INSPECTION BUILDING ACIS - FIRST LEVEL AREA B FLOOR PLAN	●
N99-SIB-ACIS-122	SERVICE & INSPECTION BUILDING ACIS - LOWER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-ACIS-133	SERVICE & INSPECTION BUILDING ACIS - UPPER MEZZANINE LEVEL AREA C FLOOR PLAN	●
N99-SIB-ACIS-600	S&I MAINTENANCE BUILDING ACIS - RISER DIAGRAM	●
N99-SIB-ACIS-631	SERVICE & INSPECTION BUILDING - ACIS CONDUIT SCHEDULE	●
N99-SIB-CTV-000	S&I MAINTENANCE BUILDING CCTV SYSTEM - GENERAL INFORMATION	●
N99-SIB-CTV-001	S&I MAINTENANCE BUILDING CCTV SYSTEM - MASTER DEVICE SCHEDULE	●
N99-SIB-CTV-100	S&I MAINTENANCE BUILDING CCTV SYSTEM - OVERALL LOWER LEVEL FLOOR PLAN	●
N99-SIB-CTV-110	S&I MAINTENANCE BUILDING CCTV SYSTEM - OVERALL FIRST LEVEL FLOOR PLAN	●
N99-SIB-CTV-120	S&I MAINTENANCE BUILDING CCTV SYSTEM - OVERALL LOWER MEZZANINE LEVEL FLOOR PLAN	●
N99-SIB-CTV-130	S&I MAINTENANCE BUILDING CCTV SYSTEM - OVERALL UPPER MEZZANINE LEVEL FLOOR PLAN	●
N99-SIB-CTV-140	S&I MAINTENANCE BUILDING CCTV SYSTEM - OVERALL ROOF LEVEL FLOOR PLAN	●
N99-SIB-CTV-600	S&I MAINTENANCE BUILDING CCTV SYSTEM - RISER DIAGRAM	●
N99-SIB-CTV-631	SERVICE & INSPECTION BUILDING - CCTV SYSTEM CONDUIT SCHEDULE	●
N99-SIB-FIA-001	SERVICE & INSPECTION BUILDING FIRE ALARM COVER PAGE	●
N99-SIB-FIA-002	SERVICE & INSPECTION BUILDING FIRE ALARM SYMBOLS & ABBREVIATIONS	●
N99-SIB-FIA-003	SERVICE & INSPECTION BUILDING FIRE ALARM DEVICE SCHEDULE	●
N99-SIB-FIA-100	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - OVERALL LOWER LEVEL	●
N99-SIB-FIA-101	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - LOWER LEVEL AREA A	●
N99-SIB-FIA-102	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - LOWER LEVEL AREA B	●
N99-SIB-FIA-110	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - OVERALL GROUND LEVEL	●
N99-SIB-FIA-111	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA A	●
N99-SIB-FIA-112	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA B	●
N99-SIB-FIA-113	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA C	●
N99-SIB-FIA-114	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA D	●
N99-SIB-FIA-115	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA E	●
N99-SIB-FIA-116	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA F	●
N99-SIB-FIA-117	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA G	●
N99-SIB-FIA-118	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA H	●
N99-SIB-FIA-119	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - FIRST LEVEL AREA I	●
N99-SIB-FIA-120	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - OVERALL LOWER MEZZANINE LEVEL	●
N99-SIB-FIA-121	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - LOWER MEZZANINE LEVEL AREA A	●
N99-SIB-FIA-122	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - LOWER MEZZANINE LEVEL AREA B	●
N99-SIB-FIA-130	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - OVERALL UPPER MEZZANINE LEVEL	●
N99-SIB-FIA-131	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - UPPER MEZZANINE LEVEL AREA B	●
N99-SIB-FIA-132	SERVICE & INSPECTION BUILDING FIRE ALARM PLAN - UPPER MEZZANINE LEVEL AREA C	●
N99-SIB-FIA-600	SERVICE & INSPECTION BUILDING FIRE ALARM RISER DIAGRAM	●
N99-SIB-FIA-700	SERVICE & INSPECTION BUILDING FIRE ALARM I/O MATRIX	●
N99-SIB-LAN-601	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM BLOCK DIAGRAM	●
N99-SIB-LAN-602	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE 1 OF 6	●
N99-SIB-LAN-603	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE 2 OF 6	●
N99-SIB-LAN-604	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE 3 OF 6	●
N99-SIB-LAN-605	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE 4 OF 6	●
N99-SIB-LAN-606	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE 5 OF 6	●
N99-SIB-LAN-607	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE 6 OF 6	●
N99-SIB-LAN-608	SERVICE & INSPECTION BUILDING LAN/WAN SYSTEM POWER SCHEDULE	●
N99-SIB-SCD-601	SERVICE & INSPECTION BUILDING AC SWITCHBOARD ROOM SCADA FIBER DISTRIBUTION DIAGRAM 1 OF 3	●
N99-SIB-SCD-602	SERVICE & INSPECTION BUILDING AC SWITCHBOARD ROOM SCADA FIBER DISTRIBUTION DIAGRAM 2 OF 3	●
N99-SIB-SCD-603	SERVICE & INSPECTION BUILDING AC SWITCHBOARD ROOM SCADA FIBER DISTRIBUTION DIAGRAM 3 OF 3	●
N99-SIB-SCD-604	SERVICE & INSPECTION BUILDING AC SWITCHBOARD ROOM SCADA RTU DIAGRAM	●
N99-SIB-PAS-001	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - SYMBOLS AND ABBREVIATIONS	●
N99-SIB-PAS-101	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - LOWER LEVEL AREA A FLOOR PLAN	●
N99-SIB-PAS-102	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - LOWER LEVEL AREA B FLOOR PLAN	●
N99-SIB-PAS-111	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA A FLOOR PLAN	●
N99-SIB-PAS-112	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA B FLOOR PLAN	●
N99-SIB-PAS-113	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA C FLOOR PLAN	●
N99-SIB-PAS-114	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA D FLOOR PLAN	●
N99-SIB-PAS-115	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA E FLOOR PLAN	●
N99-SIB-PAS-116	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA F FLOOR PLAN	●
N99-SIB-PAS-117	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA G FLOOR PLAN	●
N99-SIB-PAS-118	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA H FLOOR PLAN	●
N99-SIB-PAS-119	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - FIRST LEVEL AREA I FLOOR PLAN	●
N99-SIB-PAS-122	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - LOWER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-PAS-131	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - UPPER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-PAS-132	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - UPPER MEZZANINE LEVEL AREA C FLOOR PLAN	●
N99-SIB-PAS-600	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - TR212 BLOCK DIAGRAM	●
N99-SIB-PAS-601	SERVICE & INSPECTION BLDG - PUBLIC ADDRESS SYS - TRM03 BLOCK DIAGRAM	●
N99-SIB-PAS-631	SERVICE & INSPECTION BUILDING - PUBLIC ADDRESS SYS CONDUIT SCHEDULE	●
N99-SIB-TL-001	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS SYMBOLS AND ABBREVIATIONS	●
N99-SIB-TL-100	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS OVERALL LOWER LEVEL FLOOR PLAN	●
N99-SIB-TL-101	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS LOWER LEVEL AREA A FLOOR PLAN	●
N99-SIB-TL-102	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS LOWER LEVEL AREA B FLOOR PLAN	●

Part 2D of 2 CONTINUATION

SHEET NUMBER	SHEET TITLE	IFP
N99-SIB-TL-110	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS OVERALL FIRST LEVEL FLOOR PLAN	●
N99-SIB-TL-111	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA A FLOOR PLAN	●
N99-SIB-TL-112	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA B FLOOR PLAN	●
N99-SIB-TL-113	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA C FLOOR PLAN	●
N99-SIB-TL-114	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA D FLOOR PLAN	●
N99-SIB-TL-115	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA E FLOOR PLAN	●
N99-SIB-TL-117	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA G FLOOR PLAN	●
N99-SIB-TL-118	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS FIRST LEVEL AREA H FLOOR PLAN	●
N99-SIB-TL-120	SERVICE & INSPECTION BLDG TELECOMMUNICATIONS OVERALL LOWER MEZZANINE LEVEL FLOOR PLAN	●
N99-SIB-TL-121	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS LOWER MEZZANINE LEVEL AREA A FLOOR PLAN	●
N99-SIB-TL-122	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS LOWER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-TL-130	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS OVERALL UPPER MEZZANINE LEVEL FLOOR PLAN	●
N99-SIB-TL-131	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS UPPER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-TL-132	SERVICE & INSPECTION BLDG - TELECOMMUNICATIONS UPPER MEZZANINE LEVEL AREA C FLOOR PLAN	●
N99-SIB-TL-631	SERVICE & INSPECTION BUILDING - TELECOMMUNICATIONS CONDUIT SCHEDULE	●
N99-SIB-TL-632	SERVICE & INSPECTION BUILDING - TELECOMMUNICATIONS CONDUIT SCHEDULE	●
N99-SIB-TK-001	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM SYMBOLS AND ABBREVIATION	●
N99-SIB-TK-101	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER LEVEL AREA A FLOOR PLAN	●
N99-SIB-TK-102	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER LEVEL AREA B FLOOR PLAN	●
N99-SIB-TK-104	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER LEVEL AREA D FLOOR PLAN	●
N99-SIB-TK-105	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER LEVEL AREA E FLOOR PLAN	●
N99-SIB-TK-107	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER LEVEL AREA G FLOOR PLAN	●
N99-SIB-TK-108	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER LEVEL AREA H FLOOR PLAN	●
N99-SIB-TK-111	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM FIRST LEVEL AREA A FLOOR PLAN	●
N99-SIB-TK-112	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM FIRST LEVEL AREA B FLOOR PLAN	●
N99-SIB-TK-121	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER MEZZANINE LEVEL AREA A FLOOR PLAN	●
N99-SIB-TK-122	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-TK-123	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM LOWER MEZZANINE LEVEL AREA C FLOOR PLAN	●
N99-SIB-TK-131	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM UPPER MEZZANINE LEVEL AREA B FLOOR PLAN	●
N99-SIB-TK-132	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM UPPER MEZZANINE LEVEL AREA C FLOOR PLAN	●
N99-SIB-TK-135	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM UPPER MEZZANINE LEVEL AREA E FLOOR PLAN	●
N99-SIB-TK-137	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM UPPER MEZZANINE LEVEL AREA G FLOOR PLAN	●
N99-SIB-TK-138	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM UPPER MEZZANINE LEVEL AREA H FLOOR PLAN	●
N99-SIB-TK-600	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM RISER DIAGRAM	●
N99-SIB-TK-601	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM BLOCK DIAGRAM	●
N99-SIB-TK-602	SERVICE & INSPECTION BLDG - MOBILE RADIO SYSTEM BLOCK DIAGRAM	●
N99-SIB-TK-631	SERVICE & INSPECTION BUILDING - MOBILE RADIO SYSTEM CONDUIT SCHEDULE	●
N99-SIB-TEL-601	SERVICE & INSPECTION BUILDING TELEPHONE SYSTEM BLOCK DIAGRAM 1 OF 3	●
N99-SIB-TEL-602	SERVICE & INSPECTION BUILDING TELEPHONE SYSTEM BLOCK DIAGRAM 2 OF 3	●
N99-SIB-TEL-603	SERVICE & INSPECTION BUILDING TELEPHONE SYSTEM BLOCK DIAGRAM 3 OF 3	●
INDUSTRIAL		
N99-SIB-MP-900	SIB - OVERALL EQUIPMENT FIRST FLOOR PLAN	●
N99-SIB-MP-901	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA A	●
N99-SIB-MP-902	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA B	●
N99-SIB-MP-903	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA C	●
N99-SIB-MP-904	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA D	●
N99-SIB-MP-905	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA E	●
N99-SIB-MP-906	SIB - PARTIAL EQUIPMENT PIT FLOOR PLAN - AREA F	●
N99-SIB-MP-907	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA G	●
N99-SIB-MP-908	SIB - PARTIAL EQUIPMENT FIRST FLOOR PLAN - AREA H	●
N99-SIB-MP-909	SIB - PARTIAL EQUIPMENT LOWER PLATFORMS PLAN - AREA I	●
N99-SIB-MP-910	SIB - PARTIAL EQUIPMENT PIT FLOOR PLAN - AREA G	●
N99-SIB-MP-912	SIB - EQUIPMENT ENLARGED PLANS	●
N99-SIB-MP-913	SIB - SERVICE EQUIPMENT ENLARGED PLANS AND DETAILS	●
N99-SIB-MP-914	SIB - OVERALL SERVICE EQUIPMENT PLAN	●
N99-SIB-MP-915	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA A	●
N99-SIB-MP-916	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA B	●
N99-SIB-MP-917	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA C	●
N99-SIB-MP-918	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA D	●
N99-SIB-MP-919	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA E	●
N99-SIB-MP-920	SIB - PARTIAL SERVICE EQUIPMENT PIT FLOOR PLAN - AREA F	●
N99-SIB-MP-921	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA G	●
N99-SIB-MP-922	SIB - PARTIAL SERVICE EQUIPMENT FIRST FLOOR PLAN - AREA H	●
N99-SIB-MP-923	SIB - PARTIAL SERVICE EQUIPMENT LOWER PLATFORMS PLAN - AREA I	●
N99-SIB-MP-924	SIB - PARTIAL SERVICE EQUIPMENT UPPER PLATFORMS PLAN - AREA D	●
N99-SIB-MP-925	SIB - PARTIAL SERVICE EQUIPMENT UPPER PLATFORMS PLAN - AREA F	●
N99-SIB-MP-926	SIB - PARTIAL SERVICE EQUIPMENT PIT FLOOR PLAN - AREA G	●
N99-SIB-MP-927	SIB - SERVICE EQUIPMENT NOTES AND DETAILS	●
N99-SIB-MP-928	SIB - SERVICE EQUIPMENT DETAILS	●
N99-SIB-MP-929	SIB - SERVICE EQUIPMENT DETAILS	●
N99-SIB-MP-935	SIB - PARTIAL EQUIPMENT UPPER MEZZANINE PLAN - AREA D	●
N99-SIB-MP-936	SIB - PARTIAL EQUIPMENT UPPER MEZZANINE PLAN - AREA F	●
N99-SIB-MP-937	SIB - EQUIPMENT DETAILS	●
N99-SIB-MP-938	SIB - EQUIPMENT DETAILS	●
N99-SIB-MP-940	SIB - EQUIPMENT SECTIONS	●

NOTE: SEE N99-LCW SHEETS FOR TYPICAL DETAILS

ORIGINATORS

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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - DRAWING INDEX - PART 2D OF 2

SCALE:

DRAWING NO.: N99-SIB-G-002D

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WHB – PART 2E OF 2		
SHEET NUMBER	SHEET TITLE	IFP
GENERAL		
N99–WHB–G–001E	SIB/WHB – COVER SHEET – PART 2E OF 2	●
N99–LCW–G–002	LCW – DRAWING INDEX – PART 1 OF 2	●
N99–SIB–G–002A	SIB – DRAWING INDEX – PART 2A OF 2	●
N99–SIB–G–002B	SIB – DRAWING INDEX – PART 2B OF 2	●
N99–SIB–G–002C	SIB – DRAWING INDEX – PART 2C OF 2	●
N99–SIB–G–002D	SIB – DRAWING INDEX – PART 2D OF 2	●
N99–WHB–G–002E	WHB – DRAWING INDEX – PART 2E OF 2	●
N99–WHB–G–002F	WHB – DRAWING INDEX – PART 2F OF 2	●
ARCHITECTURAL		
N99–WHB–A–021	WHB – CODE ANALYSIS	●
N99–WHB–A–022	WHB – LIFE SAFETY PLANS	●
N99–WHB–A–023	WHB – LIFE SAFETY PLANS – MEZZANINE	●
N99–WHB–A–111	WHB – OVERALL FIRST FLOOR PLAN	●
N99–WHB–A–112	WHB – FIRST FLOOR PLAN – AREA A	●
N99–WHB–A–113	WHB – FIRST FLOOR PLAN – AREA B	●
N99–WHB–A–114	WHB – FIRST FLOOR PLAN – AREA C	●
N99–WHB–A–115	WHB – FIRST FLOOR PLAN – AREA D	●
N99–WHB–A–121	WHB – MEZZANINE FLOOR PLAN	●
N99–WHB–A–141	WHB – OVERALL ROOF PLAN	●
N99–WHB–A–142	WHB – ROOF PLAN – AREA A	●
N99–WHB–A–143	WHB – ROOF PLAN – AREA B	●
N99–WHB–A–144	WHB – ROOF PLAN – AREA C	●
N99–WHB–A–145	WHB – ROOF PLAN – AREA D	●
N99–WHB–A–161	WHB – OVERALL FIRST FLOOR REFLECTED CEILING PLAN	●
N99–WHB–A–162	WHB – FIRST FLOOR REFLECTED CEILING PLAN – AREA A	●
N99–WHB–A–163	WHB – FIRST FLOOR REFLECTED CEILING PLAN – AREA B	●
N99–WHB–A–164	WHB – FIRST FLOOR REFLECTED CEILING PLAN – AREA C	●
N99–WHB–A–165	WHB – FIRST FLOOR REFLECTED CEILING PLAN – AREA D	●
N99–WHB–A–171	WHB – MEZZANINE REFLECTED CEILING PLAN	●
N99–WHB–A–201	WHB – BUILDING EXTERIOR ELEVATIONS	●
N99–WHB–A–202	WHB – SLIDING DOOR ELEVATION	●
N99–WHB–A–301	WHB – BUILDING THROUGH SECTIONS	●
N99–WHB–A–311	WHB – WALL SECTIONS	●
N99–WHB–A–411	WHB – ENLARGED STAIR PLANS AND SECTIONS	●
N99–WHB–A–421	WHB – ENLARGED TOILET ROOM PLANS AND DETAILS	●
N99–WHB–A–431	WHB – TOILET ROOM ELEVATIONS	●
N99–WHB–A–461	WHB – ENLARGED PLAN DETAILS	●
N99–WHB–A–510	WHB – ROOF DETAILS	●
N99–WHB–A–511	WHB – ENLARGED WALL SECTIONS	●
N99–WHB–A–512	WHB – ENLARGED WALL SECTIONS	●
N99–WHB–A–520	WHB – SUNSHADE AND MISC. DETAILS	●
N99–WHB–A–530	WHB – OVERHEAD DOOR CANOPY DETAILS	●
N99–WHB–A–531	WHB – MAN DOOR CANOPY DETAILS	●
N99–WHB–A–540	WHB – EXPANSION JOINT DETAILS	●
N99–WHB–A–570	WHB – SKYLIGHT DETAILS	●
N99–WHB–A–601	WHB – PARTITION TYPES	●
N99–WHB–A–602	WHB – PARTITION TYPES	●
N99–WHB–A–603	WHB – PARTITION TYPES	●
N99–WHB–A–611	WHB – DOOR SCHEDULE AND DETAILS	●
N99–WHB–A–612	WHB – DOOR JAMB, HEAD, AND SILL DETAILS	●
N99–WHB–A–621	WHB – WINDOW SCHEDULE AND DETAILS	●
N99–WHB–A–631	WHB – LOUVER SCHEDULE AND DETAILS	●
N99–WHB–A–641	WHB – FINISH SCHEDULE	●
N99–WHB–A–701	WHB – MILLWORK	●
ARCHITECTURAL INTERIOR		
N99–WHB–AI–101	WHB – FIRST FLOOR FINISH PLAN – AREA A	●
ARCHITECTURAL GRAPHICS		
N99–WHB–AG–111	WHB – SIGN PLAN	●
N99–WHB–AG–200	WHB – SIGNAGE DETAILS	●
N99–WHB–AG–201	WHB – SIGNAGE DETAILS	●
N99–WHB–AG–202	WHB – SIGNAGE DETAILS	●
N99–WHB–AG–203	WHB – SIGNAGE SCHEDULE	●
N99–WHB–AG–204	WHB – SIGNAGE ELEVATIONS	●

NOTE: SEE N99–LCW SHEETS FOR TYPICAL DETAILS

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WHB - DRAWING INDEX - PART 2E OF 2		
SCALE: NTS	DRAWING NO.: N99-WHB-G-002E	

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WHB – PART 2F OF 2

SHEET NUMBER	SHEET TITLE	IFP
GENERAL		
N99–WHB–G–001F	SIB/WHB – COVER SHEET – PART 2F OF 2	●
N99–LCW–G–002	LCW – DRAWING INDEX – PART 1 OF 2	●
N99–SIB–G–002A	SIB – DRAWING INDEX – PART 2A OF 2	●
N99–SIB–G–002B	SIB – DRAWING INDEX – PART 2B OF 2	●
N99–SIB–G–002C	SIB – DRAWING INDEX – PART 2C OF 2	●
N99–SIB–G–002D	SIB – DRAWING INDEX – PART 2D OF 2	●
N99–WHB–G–002E	WHB – DRAWING INDEX – PART 2E OF 2	●
N99–WHB–G–002F	WHB – DRAWING INDEX – PART 2F OF 2	●
ELECTRICAL		
N99–WHB–E–101	WHB – FIRST FLOOR – AREA A – LTG PLAN	●
N99–WHB–E–102	WHB – FIRST FLOOR – AREA B – LTG PLAN	●
N99–WHB–E–103	WHB – FIRST FLOOR – AREA C – LTG PLAN	●
N99–WHB–E–104	WHB – FIRST FLOOR – AREA D – LTG PLAN	●
N99–WHB–E–105	WHB – MEZZANINE FLOOR – AREA A – LTG PLAN	●
N99–WHB–E–201	WHB – FIRST FLOOR – AREA A – POWER PLAN	●
N99–WHB–E–202	WHB – FIRST FLOOR – AREA B – POWER PLAN	●
N99–WHB–E–203	WHB – FIRST FLOOR – AREA C – POWER PLAN	●
N99–WHB–E–204	WHB – FIRST FLOOR – AREA D – POWER PLAN	●
N99–WHB–E–205	WHB – MEZZANINE FLOOR – AREA A – POWER PLAN	●
N99–WHB–E–206	WHB – ROOF – POWER PLAN	●
N99–WHB–E–301	WHB – AC SINGLE LINE DIAGRAM TRANSFORMER AND FEEDER SCHEDULES	●
N99–WHB–E–302	WHB – GROUNDING RISER DIAGRAM	●
N99–WHB–E–401	WHB – PANELBOARD SCHEDULES	●
N99–WHB–E–402	WHB – PANELBOARD SCHEDULES	●
N99–WHB–E–403	WHB – EQUIPMENT CONNECTION AND DISCONNECT SWITCH SCHEDULES	●
N99–WHB–E–501	WHB – ELECTRICAL ROOM AND COMMUNICATION ROOM ENLARGED PLANS	●
N99–WHB–E–631	WAREHOUSE BUILDING – POWER CONDUIT SCHEDULE	●
N99–WHB–E–632	WAREHOUSE BUILDING – POWER CONDUIT SCHEDULE	●
N99–WHB–E–633	WAREHOUSE BUILDING – POWER CONDUIT SCHEDULE	●
MECHANICAL / PLUMBING		
N99–WHB–MP–001	WHB – IMC VENTILATION CALCULATIONS	●
N99–WHB–MP–101	WHB – FIRST FLOOR MECHANICAL PLAN – OVERALL	●
N99–WHB–MP–102	WHB – FIRST FLOOR MECHANICAL PLAN – AREA A	●
N99–WHB–MP–103	WHB – FIRST FLOOR MECHANICAL PLAN – AREA B	●
N99–WHB–MP–104	WHB – FIRST FLOOR MECHANICAL PLAN – AREA C	●
N99–WHB–MP–105	WHB – FIRST FLOOR MECHANICAL PLAN – AREA D	●
N99–WHB–MP–111	WHB – ROOF MECHANICAL PLAN – OVERALL	●
N99–WHB–MP–112	WHB – ROOF MECHANICAL PLAN – AREA A	●
N99–WHB–MP–113	WHB – ROOF MECHANICAL PLAN – AREA B	●
N99–WHB–MP–114	WHB – ROOF MECHANICAL PLAN – AREA C	●
N99–WHB–MP–115	WHB – ROOF MECHANICAL PLAN – AREA D	●
N99–WHB–MP–151	WHB – FIRST FLOOR PLUMBING PLAN – OVERALL	●
N99–WHB–MP–152	WHB – FIRST FLOOR PLUMBING PLAN – AREA A	●
N99–WHB–MP–153	WHB – FIRST FLOOR PLUMBING PLAN – AREA B	●
N99–WHB–MP–154	WHB – FIRST FLOOR PLUMBING PLAN – AREA C	●
N99–WHB–MP–155	WHB – FIRST FLOOR PLUMBING PLAN – AREA D	●
N99–WHB–MP–161	WHB – ROOF PLUMBING PLAN – OVERALL	●
N99–WHB–MP–162	WHB – ROOF PLUMBING PLAN – AREA A	●
N99–WHB–MP–163	WHB – ROOF PLUMBING PLAN – AREA B	●
N99–WHB–MP–164	WHB – ROOF PLUMBING PLAN – AREA C	●
N99–WHB–MP–165	WHB – ROOF PLUMBING PLAN – AREA D	●
N99–WHB–MP–451	WHB – ENLARGED PLUMBING PLAN	●
N99–WHB–MP–751	WHB – SANITARY RISER DIAGRAM	●
N99–WHB–MP–752	WHB – DOMESTIC WATER RISER DIAGRAM	●
N99–WHB–MP–753	WHB – STORM WATER RISER DIAGRAM	●
N99–WHB–MP–754	WHB – NATURAL GAS RISER DIAGRAM	●
N99–WHB–MP–801	WHB – MECHANICAL CONTROLS 1	●
N99–WHB–MP–802	WHB – MECHANICAL CONTROLS 2	●
COMMUNICATION		
N99–WHB–CER–401	WAREHOUSE BUILDING – TELECOMMUNICATIONS ENLARGED PLAN & ELEVATIONS – ROOM 107	●
N99–WHB–ACIS–000	WAREHOUSE BUILDING ACIS – GENERAL INFORMATION	●
N99–WHB–ACIS–001	WAREHOUSE BUILDING ACIS – MASTER DEVICE SCHEDULE	●
N99–WHB–ACIS–111	WAREHOUSE BUILDING ACIS – FIRST LEVEL AREA A FLOOR PLAN	●
N99–WHB–ACIS–600	WAREHOUSE BUILDING ACIS – RISER DIAGRAM	●
N99–WHB–ACIS–631	WAREHOUSE BUILDING – ACIS CONDUIT SCHEDULE	●
N99–WHB–CTV–000	WAREHOUSE BUILDING CCTV SYSTEM – GENERAL INFORMATION	●
N99–WHB–CTV–001	WAREHOUSE BUILDING CCTV SYSTEM – MASTER DEVICE SCHEDULE	●
N99–WHB–CTV–110	WAREHOUSE BUILDING CCTV SYSTEM – OVERALL FIRST LEVEL FLOOR PLAN	●
N99–WHB–CTV–130	WAREHOUSE BUILDING CCTV SYSTEM – OVERALL ROOF PLAN	●
N99–WHB–CTV–600	WAREHOUSE BUILDING CCTV SYSTEM – RISER DIAGRAM	●
N99–WHB–CTV–631	WAREHOUSE BUILDING – CCTV SYSTEM CONDUIT SCHEDULE	●
N99–WHB–FIA–001	WAREHOUSE BUILDING FIRE ALARM COVER PAGE	●
N99–WHB–FIA–002	WAREHOUSE BUILDING FIRE ALARM SYMBOLS & ABBREVIATIONS	●
N99–WHB–FIA–003	WAREHOUSE BUILDING FIRE ALARM DEVICE SCHEDULE	●
N99–WHB–FIA–100	WAREHOUSE BUILDING FIRE ALARM PLAN – OVERALL GROUND LEVEL	●
N99–WHB–FIA–101	WAREHOUSE BUILDING FIRE ALARM PLAN – GROUND LEVEL AREA A	●
N99–WHB–FIA–102	WAREHOUSE BUILDING FIRE ALARM PLAN – GROUND LEVEL AREA B	●
N99–WHB–FIA–103	WAREHOUSE BUILDING FIRE ALARM PLAN – GROUND LEVEL AREA C	●
N99–WHB–FIA–104	WAREHOUSE BUILDING FIRE ALARM PLAN – GROUND LEVEL AREA D	●
N99–WHB–FIA–110	WAREHOUSE BUILDING FIRE ALARM PLAN – MEZZANINE LEVEL AREA A	●
N99–WHB–FIA–600	WAREHOUSE BUILDING FIRE ALARM RISER DIAGRAM	●
N99–WHB–FIA–700	WAREHOUSE BUILDING FIRE ALARM I/O MATRIX	●
N99–WHB–LAN–601	WAREHOUSE BUILDING LAN/WAN SYSTEM BLOCK DIAGRAM	●
N99–WHB–LAN–602	WAREHOUSE BUILDING LAN/WAN SYSTEM CONNECTIVITY SCHEDULE	●
N99–WHB–LAN–603	WAREHOUSE BUILDING LAN/WAN SYSTEM POWER SCHEDULE	●
N99–WHB–PAS–001	WAREHOUSE BUILDING – PUBLIC ADDRESS SYSTEM SYMBOLS AND ABBREVIATIONS	●
N99–WHB–PAS–101	WAREHOUSE BUILDING – PUBLIC ADDRESS SYSTEM GROUND LEVEL AREA A FLOOR PLAN	●
N99–WHB–PAS–102	WAREHOUSE BUILDING – PUBLIC ADDRESS SYSTEM GROUND LEVEL AREA B FLOOR PLAN	●
N99–WHB–PAS–103	WAREHOUSE BUILDING – PUBLIC ADDRESS SYSTEM GROUND LEVEL AREA C FLOOR PLAN	●
N99–WHB–PAS–104	WAREHOUSE BUILDING – PUBLIC ADDRESS SYSTEM GROUND LEVEL AREA D FLOOR PLAN	●
N99–WHB–PAS–600	WAREHOUSE BUILDING – PUBLIC ADDRESS SYSTEM BLOCK DIAGRAM	●
N99–WHB–PAS–631	WAREHOUSE BUILDING – PUBLIC ADDRESS SYS CONDUIT SCHEDULE	●

WHB – PART 2F CONTINUATION

SHEET NUMBER	SHEET TITLE	IFP
N99–WHB–TL–001	WAREHOUSE BUILDING – TELECOMMUNICATIONS SYMBOLS AND ABBREVIATIONS	●
N99–WHB–TL–100	WAREHOUSE BUILDING – TELECOMMUNICATIONS OVERALL GROUND LEVEL FLOOR PLAN	●
N99–WHB–TL–101	WAREHOUSE BUILDING – TELECOMMUNICATIONS GROUND LEVEL AREA A FLOOR PLAN	●
N99–WHB–TL–102	WAREHOUSE BUILDING – TELECOMMUNICATIONS GROUND LEVEL AREA B FLOOR PLAN	●
N99–WHB–TL–103	WAREHOUSE BUILDING – TELECOMMUNICATIONS GROUND LEVEL AREA C FLOOR PLAN	●
N99–WHB–TL–631	WAREHOUSE BUILDING – TELECOMMUNICATIONS CONDUIT SCHEDULE	●
N99–WHB–TK–001	WAREHOUSE BUILDING – MOBILE RADIO SYSTEM SYMBOLS AND ABBREVIAITONS	●
N99–WHB–TK–101	WAREHOUSE BUILDING – MOBILE RADIO SYSTEM GROUND LEVEL AREA A FLOOR PLAN	●
N99–WHB–TK–102	WAREHOUSE BUILDING – MOBILE RADIO SYSTEM GROUND LEVEL AREA B FLOOR PLAN	●
N99–WHB–TK–103	WAREHOUSE BUILDING – MOBILE RADIO SYSTEM GROUND LEVEL AREA C FLOOR PLAN	●
N99–WHB–TK–600	WAREHOUSE BUILDING – MOBILE RADIO SYSTEM BLOCK DIAGRAM	●
N99–WHB–TK–631	WAREHOUSE BUILDING – MOBILE RADIO SYSTEM CONDUIT SCHEDULE	●
N99–WHB–TEL–601	WAREHOUSE BUILDING TELEPHONE SYSTEM BLOCK DIAGRAM	●
INDUSTRIAL		
N99–WHB–MP–900	WHB – OVERALL EQUIPMENT – FIRST FLOOR	●
N99–WHB–MP–901	WHB – PARTIAL EQUIPMENT PLAN – FIRST FLOOR – AREAS A&C	●
N99–WHB–MP–902	WHB – PARTIAL EQUIPMENT PLAN – FIRST FLOOR – AREAS B&D	●

NOTE: SEE N99–LCW SHEETS FOR TYPICAL DETAILS

ORIGINATORS

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WHB - DRAWING INDEX - PART 2F OF 2

SCALE: NTS
DRAWING NO.: N99-WHB-G-002F

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MWAA - Dulles Corridor Project - Yard Buildings
Dulles International Airport
SIB Building

I. APPLICABLE BUILDING CODES

BUILDING:	VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC) 2012 REFERENCING IBC 2012
SPECIFIC FIRE CODES:	NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, 2010 EDITION
	NFPA 72, NATIONAL FIRE ALARM CODE, 2010 EDITION
	NFPA 10, STANDARD FOR FIRE EXTINGUISHERS, 2010 EDITION
MECHANICAL:	INTERNATIONAL MECHANICAL CODE, 2012 EDITION
ELECTRICAL:	NFPA 70, NATIONAL ELECTRICAL CODE, 2011 EDITION
ACCESSIBILITY:	ICC ANSI 117.1
PLUMBING:	INTERNATIONAL PLUMBING CODE, 2012 EDITION
ELEVATOR:	ASME A17.1-2012 SAFETY CODE FOR ELEVATORS AND ESCALATORS
MWAA:	DM 2010; IAD VOLUMES 1, 2, 3 (2010); BUILDING CODES MANUAL 2013
WMATA:	WMATA DESIGN CRITERIA, RELEASE 9

II. BUILDING DESCRIPTION

USE GROUP TYPE:

B	BUSINESS
F-1	SPECIAL INDUSTRIAL
S-1	STORAGE
A-2/3	ACCESSORY

CONSTRUCTION CLASSIFICATION AND LIMITATIONS

CONSTRUCTION TYPE: TYPE IIB - UNPROTECTED , FULLY SPRINKLERED

ALLOWABLE BUILDING HEIGHT AND AREA LIMITATIONS(*)

USE GROUPS	ALLOWABLE HEIGHT	BASIC ALLOWABLE AREA
B	4 STORIES	23000 SF
F-1	2 STORIES	15500 SF
S-1	2 STORIES	17500 SF

*TWO STORY, UNLIMITED AREA , 60-FT OPEN YARDS ALL SIDES 507.4

THE SIB, MWB, TWF AND WHB ARE SEPARATELY CONSIDERED AS PORTIONS OF ONE BUILDING ON SAME LOT FOR UNLIMITED AREA BUILDINGS. NO EXTERIOR RATINGS REQUIRED BETWEEN THE FOUR STRUCTURES.
503.1.2

MIXED OCCUPANCIES: NON-SEPARATED OCCUPANCIES BASED ON TYPE IIB CONSTRUCTION
508.3

BUILDING AREA

LOWER LEVEL	14903 SF
FIRST FLOOR	121407 SF

III. FIRE RESISTANCE RATINGS

BUILDING ELEMENTS:

1 STRUCTURAL FRAME
INCLUDING GIRDERS AND TRUSSES – 0 HR
COLUMNS – 0 HR

2 BEARING WALLS
EXTERIOR – 0 HR
INTERIOR – 0 HR

3 NONBEARING WALLS AND PARTITIONS
EXTERIOR – 0 HR (SEPARATION>10 FEET TYPE IIB CONSTRUCTION)
INTERIOR – 0 HR

4 FLOOR CONSTRUCTION
INCLUDING SUPPORTING BEAMS & JOIST - 0 HR

5 ROOF CONSTRUCTION
INCLUDING SUPPORTING BEAMS AND JOISTS – 0 HR

6 CONSTRUCTION SUPPORTING RATED CONSTRUCTION
OCCUPANCY SEPARATIONS AND STAIRS MUST BE SUPPORTED BY RATED ASSEMBLIES OF SAME RATING

TABLE 503

OTHER ELEMENTS:

7 FIRE SEPARATION ASSEMBLIES:
A) ENCLOSURE OF VERTICAL EXITS ≤ 3 STORIES – 1 HR
OPENING PROTECTIVE – 1 HR

8 EXIT ACCESS CORRIDOR ENCLOSURE WALLS – 0 HR

9 INCIDENTAL USE AREA SEPARATIONS
BOILER ROOM – SMOKE PARTITIONS EXTEND FROM FLOOR TO STRUCTURE ABOVE
509.4.2

10 AREAS OF REFUGE – NOT REQUIRED FOR FULLY SPRINKLERED BUILDING
ADAAG 2010 SECTION 207
REFERENCING IBC 2000,
SECTION 1003.2.13.2 (EXC 2)

IV. MEZZANINES

ACTUAL AREA

LOWER LEVEL	14903 SF
FIRST FLOOR	121407 SF
MEZZANINE ENCLOSED-LOWER LEVEL	6012 SF
MEZZANINE ENCLOSED-UPPER LEVEL	18988 SF

THE MEZZANINE AREAS ARE CONSIDERED A PORTION OF THE STORY BELOW
USBC 505.2

THE UPPER LEVEL IS CONSIDERED AN ENCLOSED MEZZANINE. THE MEZZANINE ON THE EAST SIDE OF THE BUILDING IS OPEN TO THE AREA BELOW. A MEZZANINE IS ALLOWED TO BE ENCLOSED IF TWO EXITS ARE PROVIDED FROM THE MEZZANINE. ONE OF THE TWO EXITS IS REQUIRED TO DISCHARGE DIRECTLY TO THE OUTSIDE. TWO EXITS PROVIDED FROM THE ENCLOSED MEZZANINE, ONE DISCHARGES DIRECTLY TO THE EXTERIOR OF THE BUILDING ON THE NORTH SIDE.
USBC 505.2.3 EXC 2

THE AGGREGATE AREA OF MEZZANINES IN THE SIB IS LIMITED TO NO MORE THAN TWO-THIRDS OF THE FLOOR AREA OF THE ROOM.
MEZZANINE – 6012 SF
SECOND FLOOR MEZZANINE – 18988 SF
6012+18988=25,000SF
25000/121407= 21% AND LESS THAN 66.6%
USBC 505.2.1 EXC 1

V. ACCESSORY USE

TRAINING AND LUNCH ROOMS ARE LOCATED ON THE UPPER MEZZANINE LEVEL OF THE BUILDING. THESE A-2 AND A-3 ASSEMBLY AREAS ARE CONSIDERED ACCESSORY USE. OCCUPANCIES WITH AN AREA OF LESS THAN 10% OF THE FLOOR ON WHICH THEY ARE LOCATED ARE CLASSIFIED AS "ACCESSORY USE"
508.2.1

Assembly Areas			
Room	**Size (SF)**	**Occupant Load Factor**	**Occupant Load**
Training	1463	15	98
Lunch	1979	15	132
Total	3442	-	230

TOTAL ASSEMBLY = 3,442 SF
FIRST FLOOR AREA = 121,407 SF
3442/121407 = <3% OF OVERALL FIRST FLOOR = ACCESSORY USE

VI. FIRE RESISTANCE MARKINGS

FIRE RESISTANCE ASSEMBLIES SHALL BE MARKED ABOVE CEILING AND ON ACCESS DOORS WHERE CONSTRUCTION IS CONCEALED AT 8 FEET INTERVALS

VII. OCCUPANT LOAD

OCCUPANT LOAD FACTORS (SF/PERSON):

USE GROUP A-3 = 15 NET FOR CONFERENCE ROOM - TABLES AND CHAIRS
USE GROUP F1 (SPECIAL INDUSTRIAL) = 300 SF GROSS
USE GROUP B = 100 GROSS
USE GROUP S1 = 300 GROSS

Occupant Load Calculations:

Description/Function of space		Area	Floor Area/Occupant	Number of Occupants
Upper Mezzanine - Enclosed				
Lunch Rm A-2		1979 SF	15	132
Train Rm A-3		1463 SF	15	98
Locker Rooms		2389 SF	50	48
Total		5831 SF		278
Total Area	18988 – 5831 = 13157 SF			
Remaining Area	Business	13157 SF	100	132
Total Occupants Upper Mezzanine		***278+132 = 410***		
Lower Mezzanine - Enclosed				
General Industrial/Storage		6012	300	21
Total Occupants Lower Mezzanine		***21***		
First Level				
General Industrial/Storage		120401	300	402
Business		1006	100	11
Total				413
Total Area	121407 – 1006 = 120401			
Total Occupants First Level		***413***		
Lower Level				
General Industrial/Storage		14903	300	50
Total Occupants Lower Level		***50***		

VIII. REQUIRED EXIT CAPACITY

EGRESS CAPACITY
CAPACITY OF EGRESS COMPONENTS, SPRINKLERED BUILDING:

USE GROUP	STAIRWAYS (INCH/PERSON)	LEVEL COMPONENTS AND RAMPS (INCH/PERSON)
A-2/A-3	0.2	0.15
B	0.2	0.15
S-1	0.2	0.15
F-1	0.2	0.15

1005.3

Level	**Calculated Occupant Load**	**Stair Width Required**	**No. of Exits**	**Stair Width Provided**	**Door Width Required**	**Door Width Provided (Usable)**
Upper Mezz	410	82"	2	44 * 2 = 88"	62"	32 * 2 =64"
Lower Mezz	21	2"	2	44 + 36 = 84"	2"	32 * 2 =64"
First Floor	413	NA	>4	N/A	62"	>128"
Lower Level	50	10"	2	44 *2 = 88"	8"	32 * 2 =64"

IX. EGRESS COMPONENTS FOR SPRINKLERED BUILDING

TRAVEL DISTANCE TO EXITS

USE GROUP B	300 FT
USE GROUP S-1	250 FT
USE GROUP F-1	250 FT

COMMON PATH OF TRAVEL

USE GROUP B	100 FT
USE GROUP S-1	100 FT
USE GROUP F-1	100 FT

DEAD-END LIMITS

USE GROUP B	50 FT
USE GROUP S-1	50 FT
USE GROUP S-1	50 FT

X. EXIT SEPARATION

EXIT REMOTENESS REQUIRED:
FOR A SPRINKLERED BUILDING, THE MINIMUM SEPARATION DISTANCE BETWEEN TWO EXITS SHALL BE NO LESS THAN ONE-THIRD THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.
1015.2.1 EX 2

BOILER ROOM/FURNACE ROOMS:
TWO *EXIT ACCESS DOORWAYS* ARE REQUIRED IN BOILER, INCINERATOR AND FURNACE ROOMS WHERE THE AREA IS OVER 500 SQUARE FEET (46 M2) AND ANY FUEL-FIRED EQUIPMENT EXCEEDS 400,000 BRITISH THERMAL UNITS (BTU) (422 000 KJ) INPUT CAPACITY.
1015.3

XI. EXIT DISCHARGE

EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING 1027.1

XII. SPRINKLER PROTECTION

ESFR SPRINKLERS PROVIDED THROUGHOUT SPECIAL INDUSTRIAL AREA. DESIGNED TO PROTECT HAZARDS WITH 40 FEET ROOF HEIGHT.
NFPA 13 TABLE 16.2.3.1

DESIGN AREA = 12 SPRINKLERS
K-FACTOR = 16.8
MINIMUM PRESSURE 52 PSI
NFPA 13, SECTION 16.2.3

COMPLETE SPRINKLER PROTECTION PROVIDED THROUGHOUT REMAINDER OF BUILIDNG WITH OFFICE AREAS CONSIDERED LIGHT HAZARD = 0.1 GPM/FT^2 OVER 1500 SF

SMOKE AND HEAT VENTS – NOT REQUIRED IBC 910.1 EXC 2

XIII. FIRE EXTINGUISHERS

- MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER = 75 FEET
- PROVIDE ABC DRY CHEMICAL MINIMUM 10-POUND 4A:80B:C IN CORRIDOR
- PROVIDE TWO(2) FIRE EXTINGUISHERS PER CABINET IN CORRIDOR
- PROVIDE BRACKET MOUNTED 10-POUND 4A:80B:C IN ELEVATOR MACHINE ROOM AND MECHANICAL ROOM.
- PROVIDE CO2 MINIMUM 10-POUND 10B:C IN COMMUNICATION ROOM
- PROVIDE BRACKET MOUNTED 10-POUND 40B:C IN LUBE ROOM

XIV. ADA FIXTURE CALCULATIONS

213.3.2 - PLUMBING FIXTURES AND ACCESSORIES

REQUIRED- Where toilet compartments are provided, at least one toilet compartment shall comply with 604.8.1. In addition to the compartment required to comply with 604.8.1, at least one compartment shall comply with 604.8.2 where six or more toilet compartments are provided, or where the combination of urinals and water closets totals six or more fixtures.

Room Name	**ADA Fixtures Required**	**Total Water Closets Provided**	**Accessible Fixtures Provided**
WOMEN'S 111	1	7	2 (1 accessible, 1 ambulatory)
WOMEN'S 205A	1	3	1
MEN'S 113	1	4	2 (1 accessible, 1 ambulatory)
MEN'S 204A	1	4	2 (1 accessible, 1 ambulatory)

213.3.3 - URINALS

REQUIRED- Where more than one urinal is provided, at least one shall comply with 605.

Room Name	**ADA Urinals Required**	**Total Urinals Provided**	**Accessible Urinals Provided**
WOMEN'S 111	N/A	N/A	N/A
WOMEN'S 205A	N/A	N/A	N/A
MEN'S 113	1	3	1
MEN'S 204A	1	3	1

213.3.4 - LAVATORIES

REQUIRED- Where lavatories are provided, at least one shall comply with 606 and shall not be located in a toilet compartment.

Room Name	**ADA Lavatories Required**	**Total Lavatories Provided**	**Accessible Lavatories Provided**
WOMEN'S 111	1	6	1
WOMEN'S 205A	1	3	1
MEN'S 113	1	6	1
MEN'S 204A	1	3	1

213.3.5 - MIRRORS

REQUIRED- Where mirrors are provided, at least one shall comply with 603.3.

Room Name	**ADA Mirrors Required**	**Total Mirrors Provided**	**Accessible Mirrors Provided**
WOMEN'S 111	1	6	6
WOMEN'S 205A	1	3	3
MEN'S 113	1	6	6
MEN'S 204A	1	3	4

213.3.6 – BATHING FACILITIES

REQUIRED- Where bathtubs or showers are provided, at least one bathtub complying with 607 or at least one shower complying with 608 shall be provided.

Room Name	**ADA Showers Required**	**Total Showers Provided**	**Accessible Showers Provided**
WOMEN'S 111	N/A	N/A	N/A
WOMEN'S 205B	1	3	1
MEN'S 113	N/A	N/A	N/A
MEN'S 204B	1	4	1

XV. IBC 2012 – ACCESSIBLE LOCKERS / BENCH CALCULATIONS

IBC 2012 - 1109.12.1 – DRESSING, FITTING AND LOCKERS ROOMS

REQUIRED- Where dressing rooms, fitting rooms or locker rooms are provided, at least 5 percent, but not less than one, of each type of use in each cluster provided shall be *accessible*.

Room Name	**Accessible Benches Required**	**Total Benches Provided per Room**	**Accessible Benches Provided**
WOMEN'S LOCKERS 205	5%	4	1
MEN'S LOCKERS 204	5%	10	1
Room Name	**Accessible Lockers Required**	**Total Lockers Provided per Room**	**Accessible Lockers Provided**
WOMEN'S LOCKERS 205	5%	50	3
MEN'S LOCKERS 204	5%	156	8

NOTE: DRINKING FOUNTAINS ARE PROVIDED PER REQUIREMENTS OF THE INTERNATIONAL PLUMBING CODE. ALL DRINKING FOUNTAINS PROVIDED WILL BE ADA COMPLIANT.

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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20 FEB 17
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METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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HENSEL PHELPS
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - CODE ANALYSIS
SCALE: NTS
DRAWING NO.: N99-SIB-A-021

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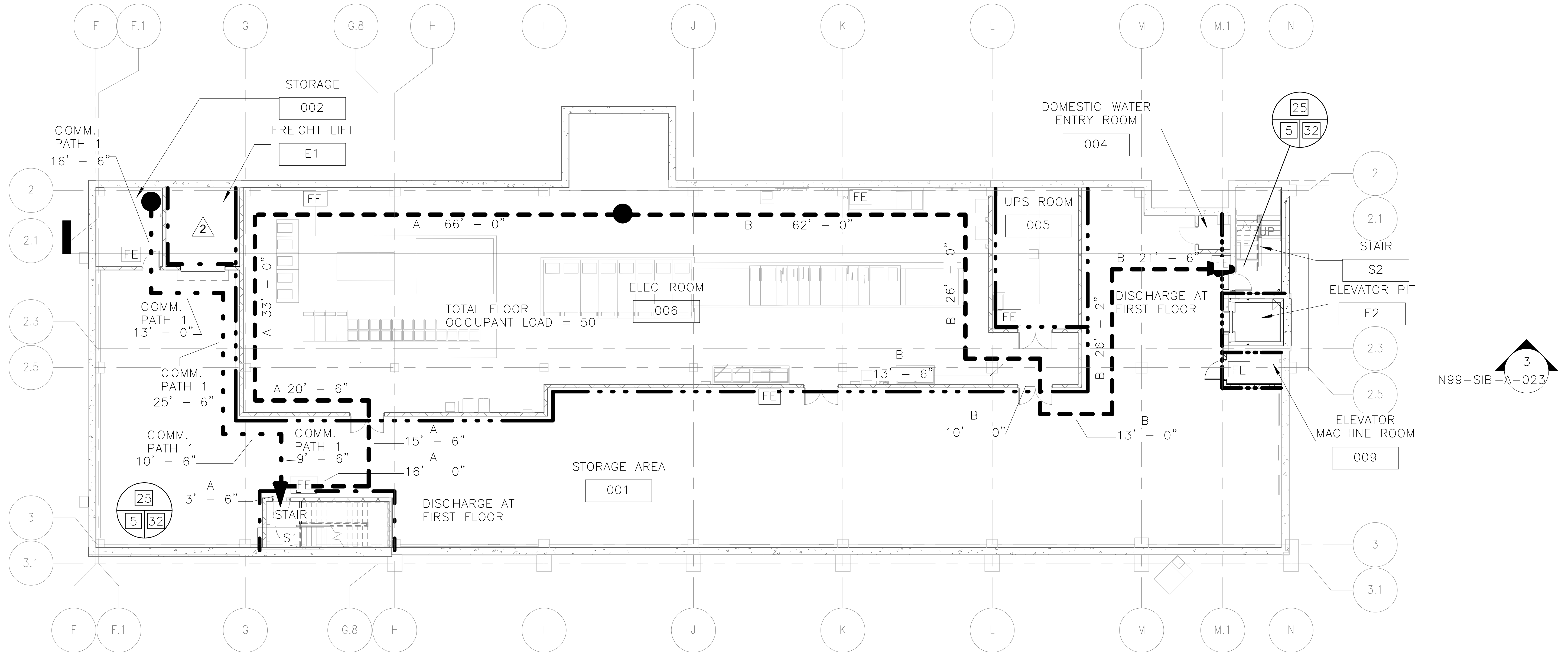

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N99-SIB-A-023

EGRESS PLAN - BASEMENT

1/16" = 1'-0"

16 12 8 4 0 16 32

3
N99-SIB-A-023

LIFE SAFETY SECTION

1/16" = 1'-0"

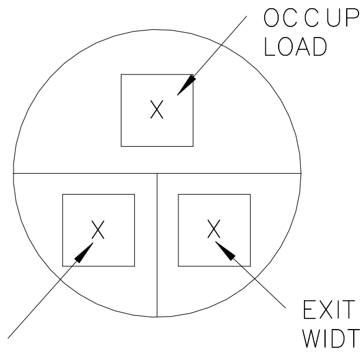
16 12 8 4 0 16 32

GENERAL NOTES

1. THE LIFE SAFETY REVIEW IS BASED ON THE VIRGINIA USBC 2012 EDITION BUILDING CODE.
2. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
3. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 250 FT

SYMBOL LEGEND

1 HR RATING WALL	▬ · ▬ · ▬ · ▬
2 HR RATING WALL	▬ ·· ▬ ·· ▬ ·· ▬
3 HR RATING WALL	▬ · · · ▬ · · · ▬
EGRESS PATH	▬ ▬ ▬ ▬ ▬ ▬
COMMON PATH OF TRAVEL	● ● ● ● ● ●
●	REMOTE POINT
FE	FIRE EXTINGUISHER



OCCUPANT LOAD

EXIT COMPONENT WIDTH REQ'D

EXIT COMPONENT WIDTH PROVIDED

▬ ▬ ▬ ▬ BASEMENT FLOOR EGRESS PATH TRAVEL DISTANCES

PATH	TRAVEL DISTANCE
A	154' – 6"
B	172' – 0"

● ● ● ● BASEMENT FLOOR COMMON PATH TRAVEL DISTANCES

PATH	TRAVEL DISTANCE
COMM. PATH 1	75' – 0"

▨	AREA OF FIRE PROTECTION 3
	DECK (ABOVE) – UL# D759, S721 COLUMN – UL# Y729 STRUCTURAL BEAMS (ABOVE) – UL# N759

1

NORTH

A
B
C

ORIGINATORS	
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2	07/11/2017	DC 0426: IFP Systemwide Arch Updates	LK	CTH	JJK	MLG
3	08/01/2017	Design Change 0344.1: UL Changes	LK	CTH	JJK	MLG

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - LIFE SAFETY PLANS - LOWER LEVEL & LIFE SAFETY SECTION
SCALE: 1/16" = 1'-0"
DRAWING NO.: N99-SIB-A-023

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GENERAL NOTES

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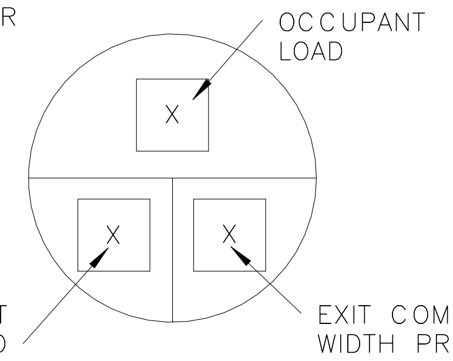
3. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 250 FT

SYMBOL LEGEND

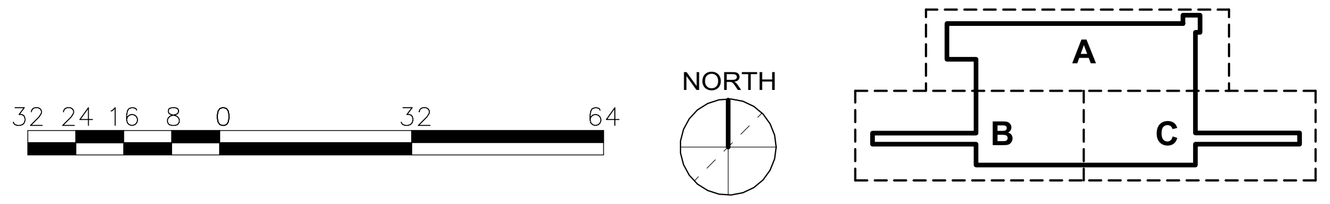
1 HR RATING WALL
2 HR RATING WALL
3 HR RATING WALL
EGRESS PATH
COMMON PATH OF TRAVEL
● REMOTE POINT
FE FIRE EXTINGUISHER



FIRST FLOOR EGRESS PATH TRAVEL DISTANCES

PATH	TRAVEL DISTANCE
A	69' – 6"
B	105' – 6"
C	133' – 6"
D	106' – 6"
E	100' – 0"
F	93' – 0"
G	116' – 0"
H	222' – 6"
I	247' – 6"
J	107' – 0"
K	98' – 6"
L	246' – 6"
M	227' – 6"
O	214' – 6"

PLAN NOTES:
TOP OF BASEMENT SLAB ELEVATION IS (–16'–0) RELATIVE TO THE REFERENCE FIRST FLOOR FINISH ELEVATION 0'–0 = 282.25', UNLESS NOTED OTHERWISE ON PLAN.



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39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - LIFE SAFETY PLANS - FIRST FLOOR - OVERALL
SCALE: 1/32" = 1'-0"
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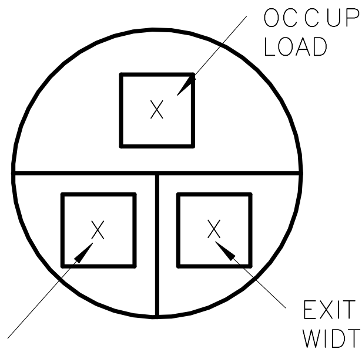
2. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
3. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 250 FT

SYMBOL LEGEND

1 HR RATING WALL — · — · —
2 HR RATING WALL — · · — · · —
3 HR RATING WALL — · · · — · · · —
EGRESS PATH - - - - - -
● REMOTE POINT
FE FIRE EXTINGUISHER



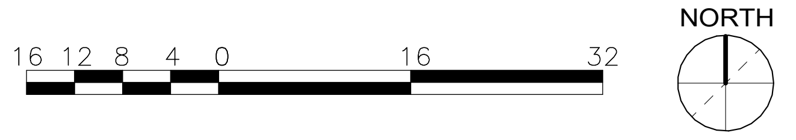
- - - - - FIRST FLOOR EGRESS PATH TRAVEL DISTANCES

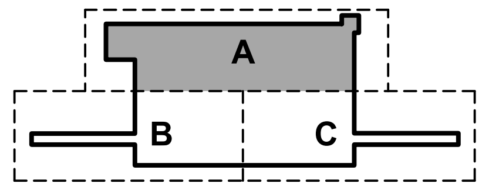
PATH	TRAVEL DISTANCE
A	69' – 6"
B	105' – 6"
C	133' – 6"
D	106' – 6"
E	100' – 0"
F	93' – 0"
G	116' – 0"
H	222' – 6"
I	247' – 6"
J	107' – 0"
K	98' – 6"
L	247' – 0"
M	227' – 6"
O	216' – 6"
P	161' – 0"
Q	145' – 0"

2

	AREA OF FIRE PROTECTION	
▨	DECK (ABOVE)	– UL# D759, S721
	COLUMN	– UL# Y729
	STRUCTURAL BEAMS (ABOVE)	– UL# N759

1 3





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CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LIFE SAFETY PLANS - FIRST FLOOR - AREA A

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

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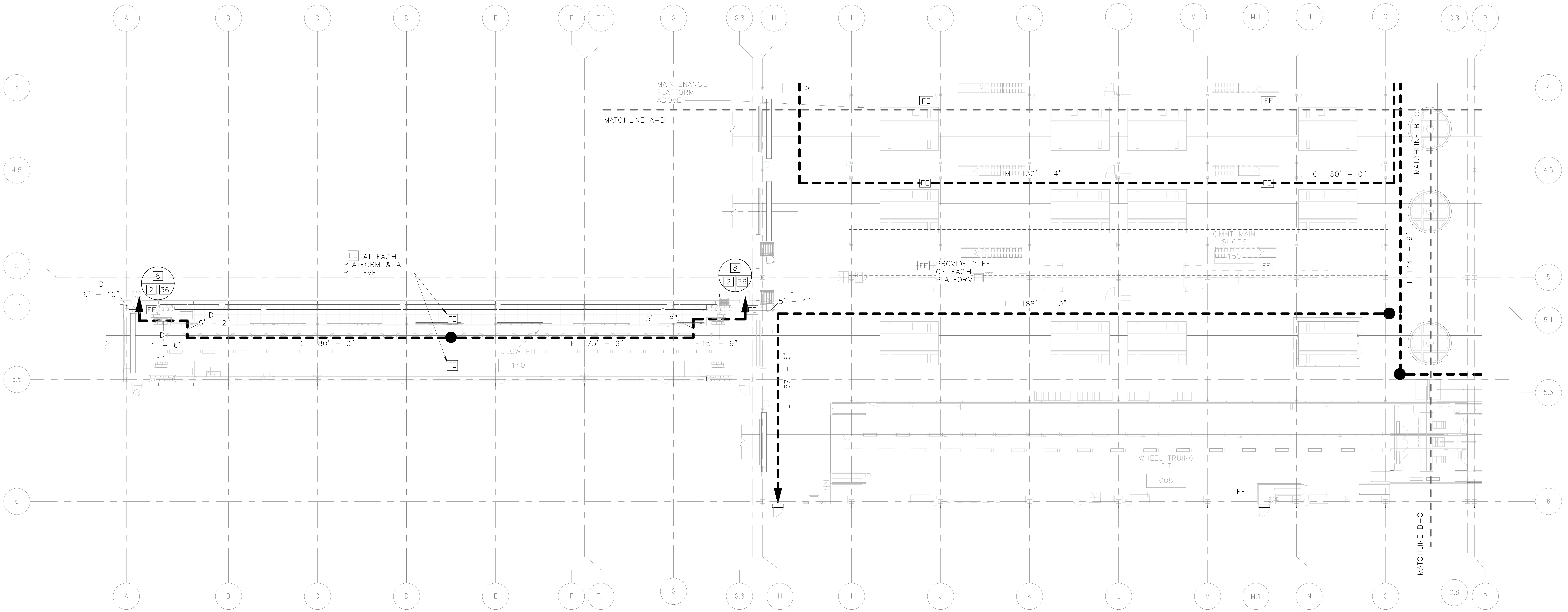

GENERAL NOTES

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2. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
3. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 250 FT

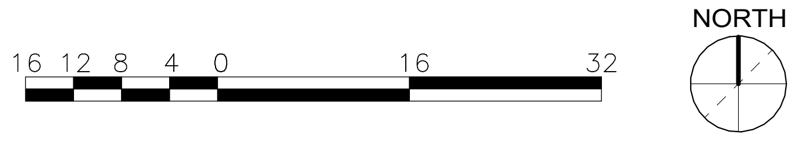
SYMBOL LEGEND

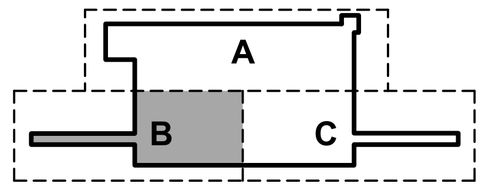
1 HR RATING WALL — · — · — · —
2 HR RATING WALL —··—··—··—
3 HR RATING WALL — · · · — · · · —
EGRESS PATH - - - - - - - - - -
● REMOTE POINT
FE FIRE EXTINGUISHER

OCCUPANT LOAD
EXIT COMPONENT WIDTH REQ'D
EXIT COMPONENT WIDTH PROVIDED

- - - - - - FIRST FLOOR EGRESS PATH TRAVEL DISTANCES

PATH	TRAVEL DISTANCE
A	69' – 6"
B	105' – 6"
C	133' – 6"
D	106' – 6"
E	100' – 0"
F	93' – 0"
G	116' – 0"
H	222' – 6"
I	247' – 6"
J	107' – 0"
K	98' – 6"
L	246' – 6"
M	227' – 6"
O	214' – 6"





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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - LIFE SAFETY PLANS - FIRST FLOOR - AREA B
SCALE: 1/16" = 1'-0"
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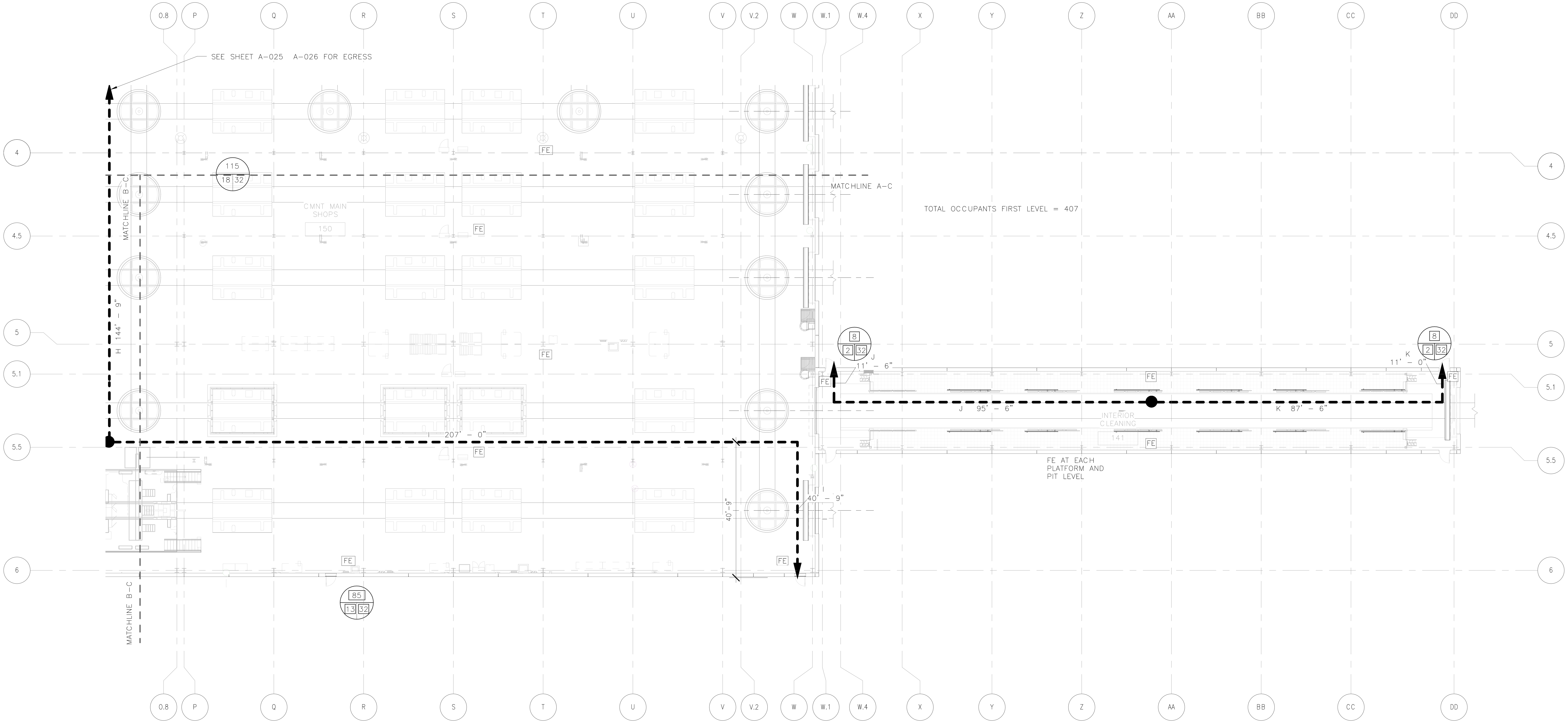

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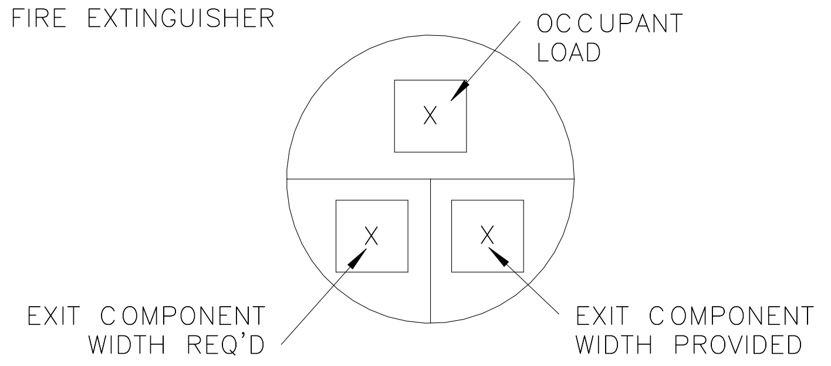
SYMBOL LEGEND

1 HR RATING WALL — · — · —
2 HR RATING WALL —··—··—
3 HR RATING WALL —···—···—
EGRESS PATH – – – – –
● REMOTE POINT
FE FIRE EXTINGUISHER



FIRST FLOOR EGRESS PATH TRAVEL DISTANCES	
PATH	TRAVEL DISTANCE
A	69' – 6"
B	105' – 6"
C	133' – 6"
D	106' – 6"
E	100' – 0"
F	93' – 0"
G	116' – 0"
H	222' – 6"
I	247' – 6"
J	107' – 0"
K	98' – 6"
L	246' – 6"
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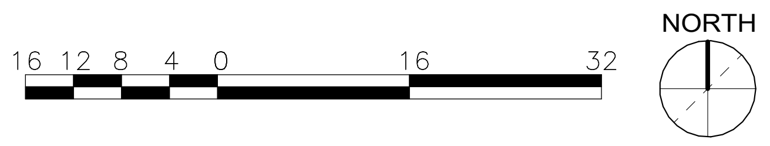
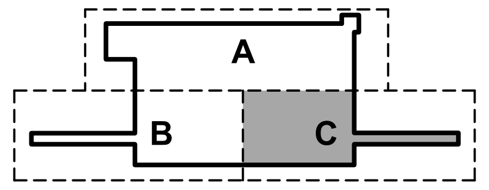
O	214' – 6"





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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

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MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
metro

giuliani
ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - LIFE SAFETY PLANS - FIRST FLOOR - AREA C
SCALE: 1/16" = 1'-0"
DRAWING NO.: N99-SIB-A-027

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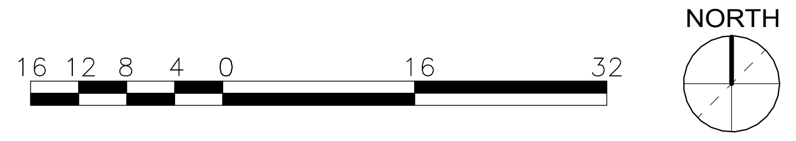
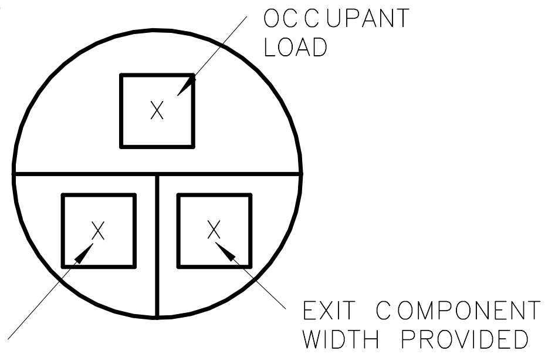


GENERAL NOTES

1. THE LIFE SAFETY REVIEW IS BASED ON THE VIRGINIA USBC 2012 EDITION BUILDING CODE.
2. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
3. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 250 FT

SYMBOL LEGEND

1 HR RATING WALL	▬ · ▬ · ▬
2 HR RATING WALL	▬ ·· ▬ ·· ▬
3 HR RATING WALL	▬ ··· ▬ ··· ▬
EGRESS PATH	▬ ▬ ▬ ▬
COMMON PATH OF TRAVEL	• • • • • •
●	REMOTE POINT
FE	FIRE EXTINGUISHER

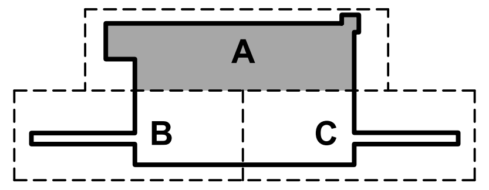


▬ ▬ ▬ LOWER MEZZANINE EGRESS PATH TRAVEL DISTANCES	
PATH	TRAVEL DISTANCE
A	88' – 0"
B	95' – 6"

▬ • • • ▬ LOWER MEZZANINE COMMON PATH TRAVEL DISTANCES	
PATH	TRAVEL DISTANCE
COMM. PATH 2	66' – 6"

▨	AREA OF FIRE PROTECTION	
	DECK (ABOVE)	– UL# D759, S721
	COLUMN	– UL# Y729
	STRUCTURAL BEAMS (ABOVE)	– UL# N759

1
2



ORIGINATORS

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APPROVED	DATE

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REVISIONS

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1	05/10/2017	DC 0344: UL Changes	LK	CTH	JJK	MLG
2	08/01/2017	Design Change 0344.1: UL Changes	LK	CTH	JJK	MLG

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LIFE SAFETY PLANS - LOWER MEZZANINE

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

DRAWING NO.: N99-SIB-A-028

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GENERAL NOTES

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2. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
3. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 250 FT

SYMBOL LEGEND

1 HR RATING WALL

2 HR RATING WALL

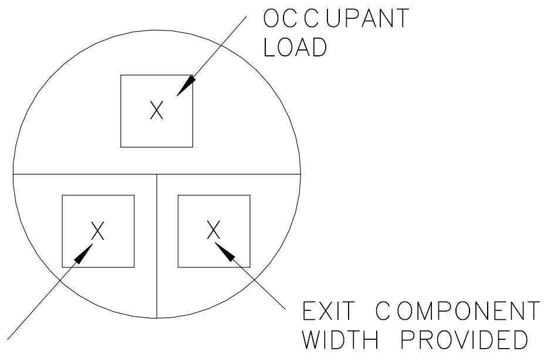
3 HR RATING WALL

EGRESS PATH

COMMON PATH OF TRAVEL

● REMOTE POINT

FE FIRE EXTINGUISHER



UPPER MEZZANINE EGRESS PATH TRAVEL DISTANCES

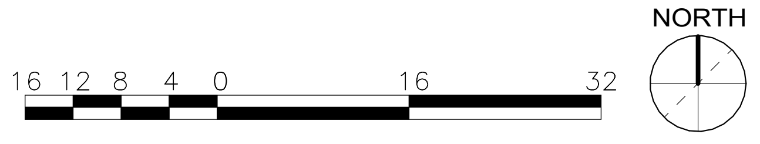
PATH	TRAVEL DISTANCE
A	180' - 0"
B	161' - 6"
C	115' - 6"
D	223' - 0"
E	80' - 6"
F	100' - 0"
G	48' - 0"

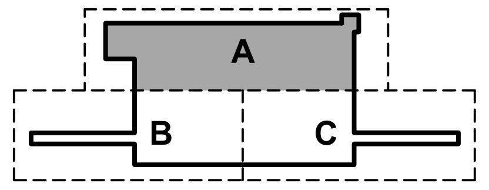
UPPER MEZZANINE COMMON PATH TRAVEL DISTANCES

PATH	TRAVEL DISTANCE
COMM. PATH 3	64' - 6"
COMM. PATH 4	64' - 0"

▨	AREA OF FIRE PROTECTION
	DECK (ABOVE) - UL# D759, S721 COLUMN - UL# Y729 STRUCTURAL BEAMS (ABOVE) - UL# N759

1
2





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2	08/01/2017	Design Change 0344.1: UL Changes	LK	CTH	JJK	MLG

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LIFE SAFETY PLANS - UPPER MEZZANINE

SCALE: 1/16" = 1'-0"
DRAWING NO.: N99-SIB-A-029

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PARTITION PLAN GENERAL NOTES

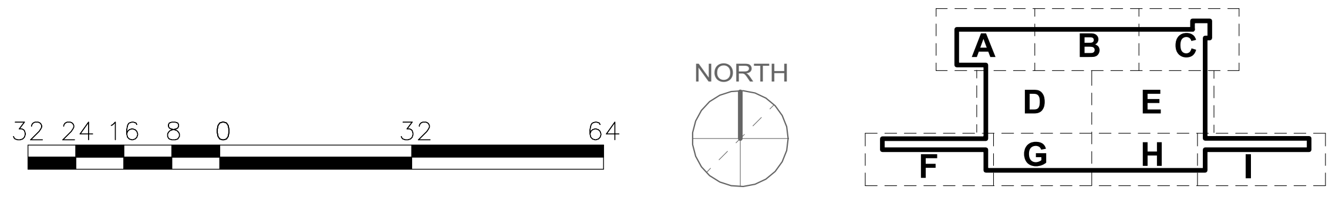
1. THE INSIDE EDGE OF DOOR FRAMES SHALL BE SET 6" CLEAR FROM THE FINISH FACE OF THE ADJACENT PERPENDICULAR PARTITION UNLESS OTHER WISE NOTE OR DIMENSIONED. DIMENSIONS LOCATING DOORS ARE SET TO THE INSIDE EDGE OF THE DOOR FRAME UNLESS OTHERWISE NOTED.

3. WHERE NON-FIRE-RATED PARTITIONS INTERSECT FIRE-RATED PARTITIONS, THE FIRE-RATED ASSEMBLY SHALL REMAIN INTACT AND CONTINUOUS.

2. ALL GYPSUM WALLBOARD PARTITIONS AND CEILING MATERIALS AND WORK SHALL CONFORM TO THE ASTM AND GYPSUM ASSOCIATION STANDARDS. USE TYPE X, FIRE RETARDANT GYPSUM PANELS IN ALL RATED PARTITIONS AND CEILING ASSEMBLIES. USE WATER RESISTANT GYPSUM PANELS OR CEMENTITIOUS PANELS IN ALL PARTITIONS AND CEILING ASSEMBLIES IN TOILET AND BATH AREAS. USE STANDARD STUDS AND RUNNERS, MINIMUM 20 GAUGE. PROVIDE DOUBLE STUDS AT ALL JAMB OPENINGS.

4. CONTRACTOR TO COORDINATE LOCATION OF FIRE PULL STATIONS, EXIT LIGHTS, RISER AND EMERGENCY LIGHTING WITH ENGINEER.

5. PROVIDE IMPACT PROTECTION FOR MEDIUM VOLTAGE CONDUITS. CONFIGURATION TO BE COORDINATED WITH CONDUIT INSTALLATION.



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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
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J. KELLEHER	02/20/2017
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M. GIULIANI	02/20/2017
APPROVED	DATE

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REVISIONS

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No. 011155

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL BASMENT / PIT FLOOR PLAN

SCALE: 1/32" = 1'-0"

DRAWING NO.: N99-SIB-A-101

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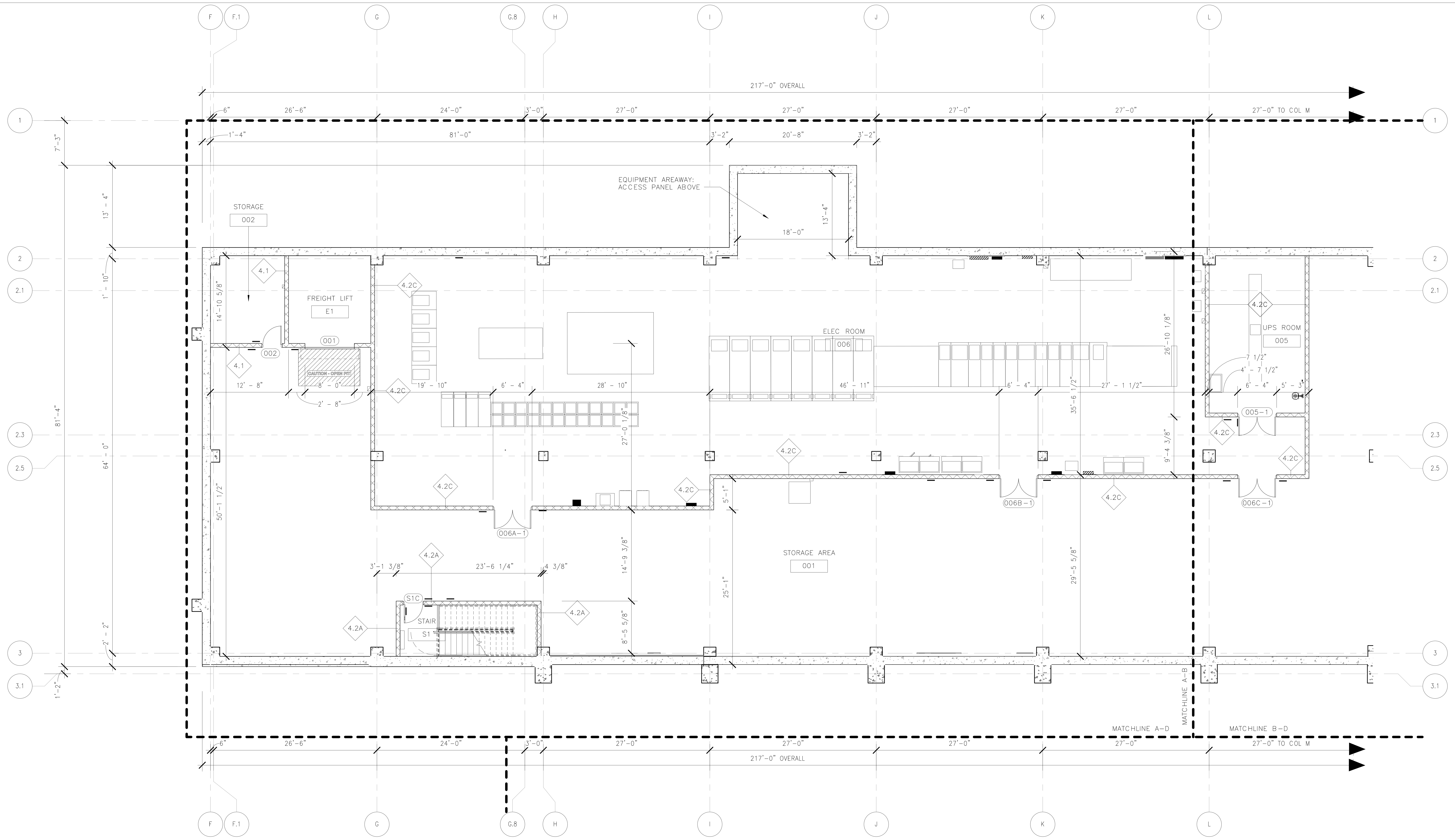

PARTITION PLAN GENERAL NOTES

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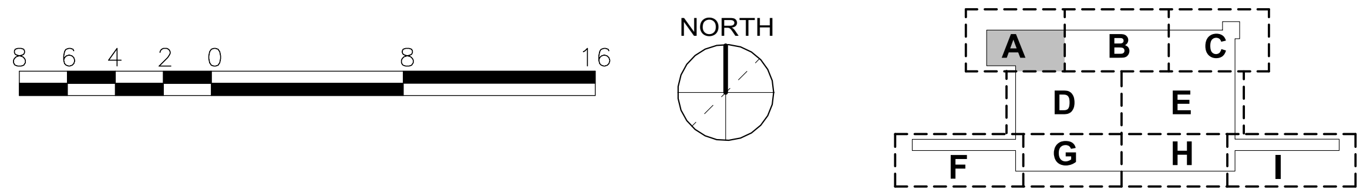
4. CONTRACTOR TO COORDINATE LOCATION OF FIRE PULL STATIONS, EXIT LIGHTS, RISER AND EMERGENCY LIGHTING WITH ENGINEER.
5. PROVIDE IMPACT PROTECTION FOR MEDIUM VOLTAGE CONDUITS. CONFIGURATION TO BE COORDINATED WITH CONDUIT INSTALLATION.



ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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APPROVED	DATE

REFERENCE DRAWINGS

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REVISIONS

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MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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HENSEL PHELPS
Plan. Build. Manage.

M metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LOWER LEVEL /PIT FLOOR PLAN - AREA A

SCALE: 1/32" = 1'-0"

DRAWING NO.: N99-SIB-A-102

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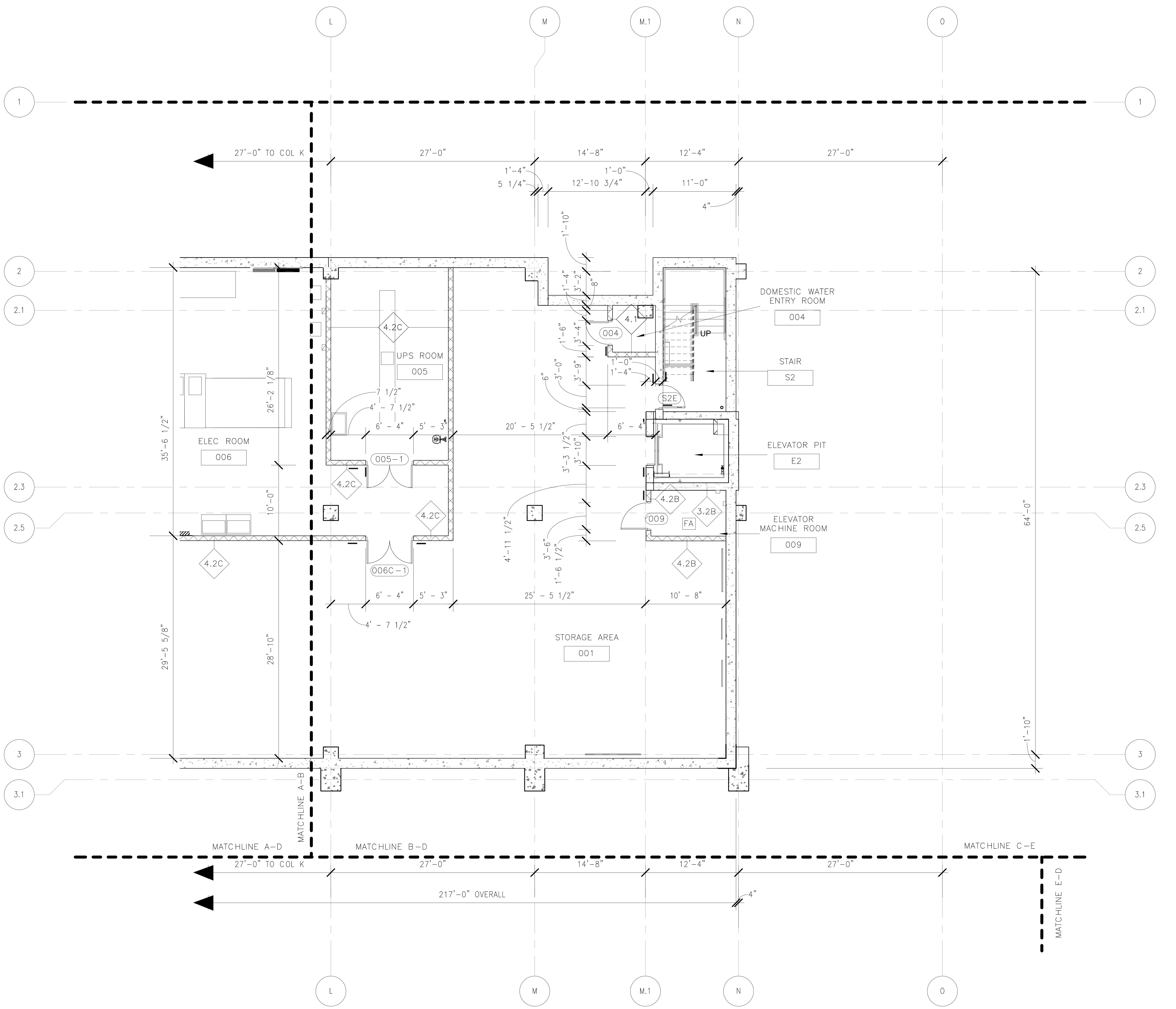

PARTITION PLAN GENERAL NOTES

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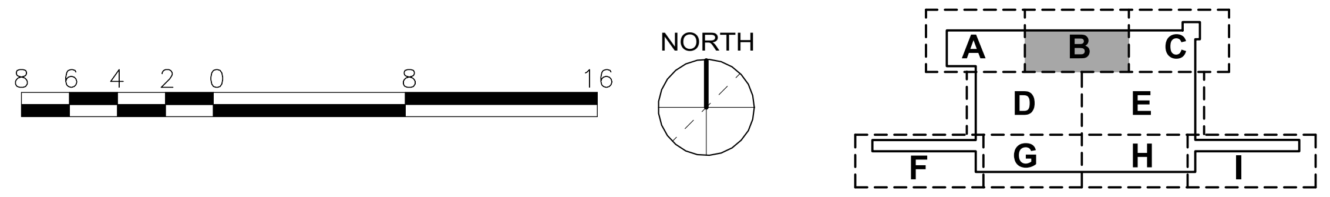

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - LOWER LEVEL /PIT FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-103

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PARTITION PLAN GENERAL NOTES

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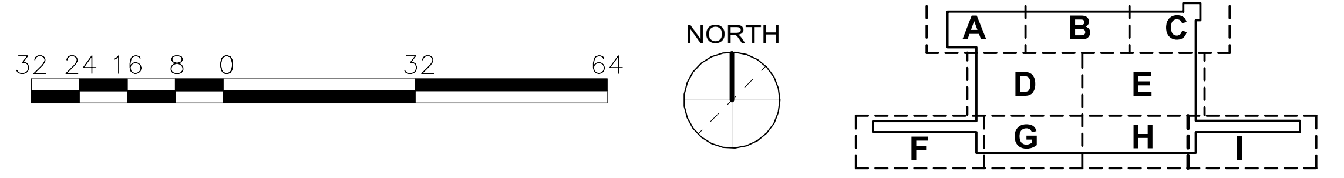
PLAN NOTES:
TOP OF BASEMENT SLAB ELEVATION IS (-16'-0) RELATIVE TO THE REFERENCE FIRST FLOOR FINISH ELEVATION 0'-0 = 282.25', UNLESS NOTED OTHERWISE ON PLAN.



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HENSEL PHELPS
Plan. Build. Manage.

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - OVERALL FIRST FLOOR PLAN
SCALE: 1/32" = 1'-0"
DRAWING NO.: N99-SIB-A-111

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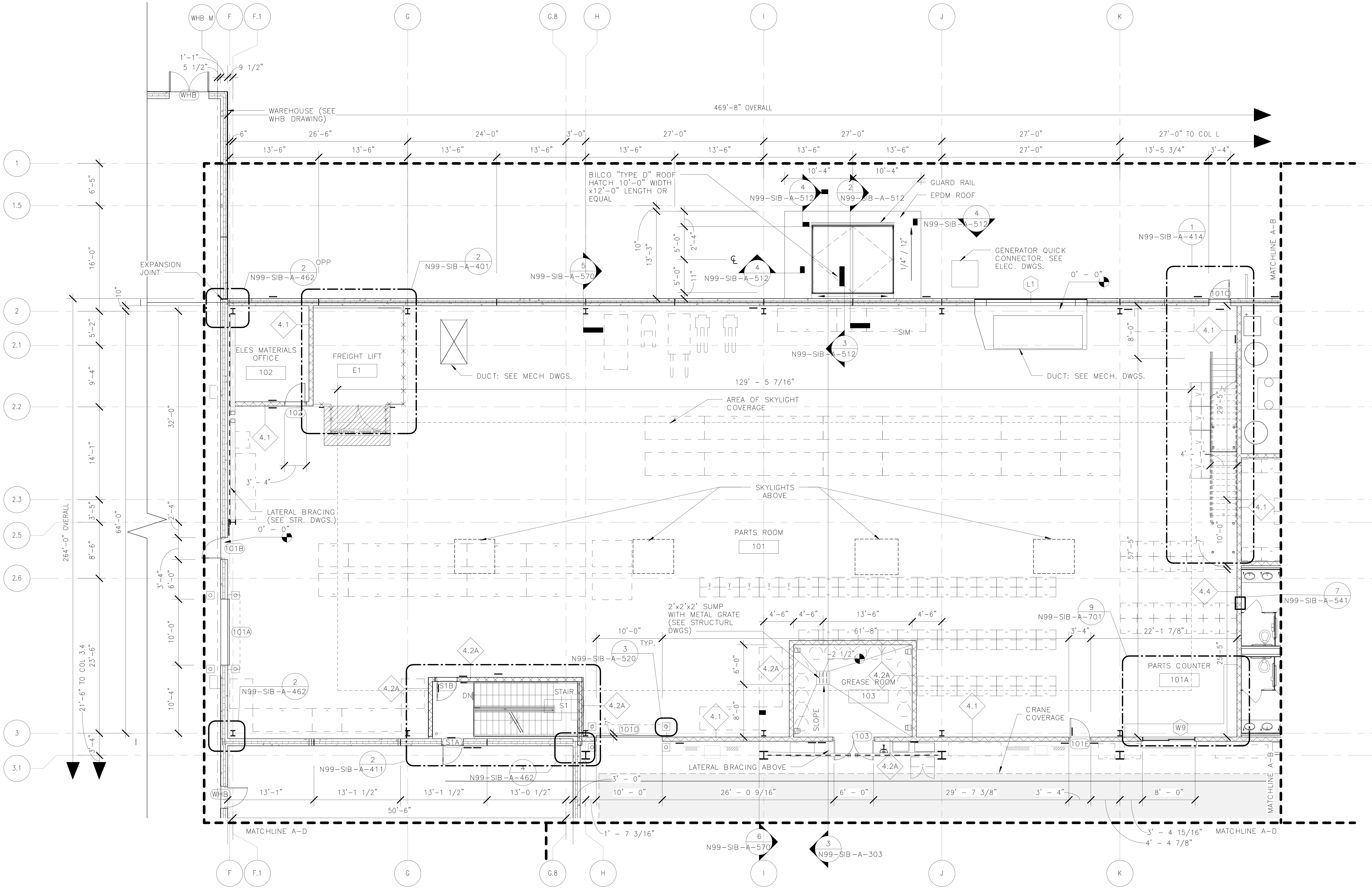

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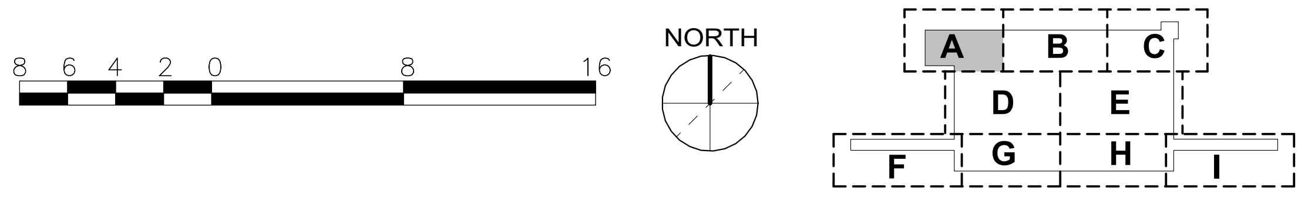

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METROPOLITAN WASHINGTON
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WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

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ASSOCIATES ARCHITECTS

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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA A

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

DRAWING NO.: N99-SIB-A-112

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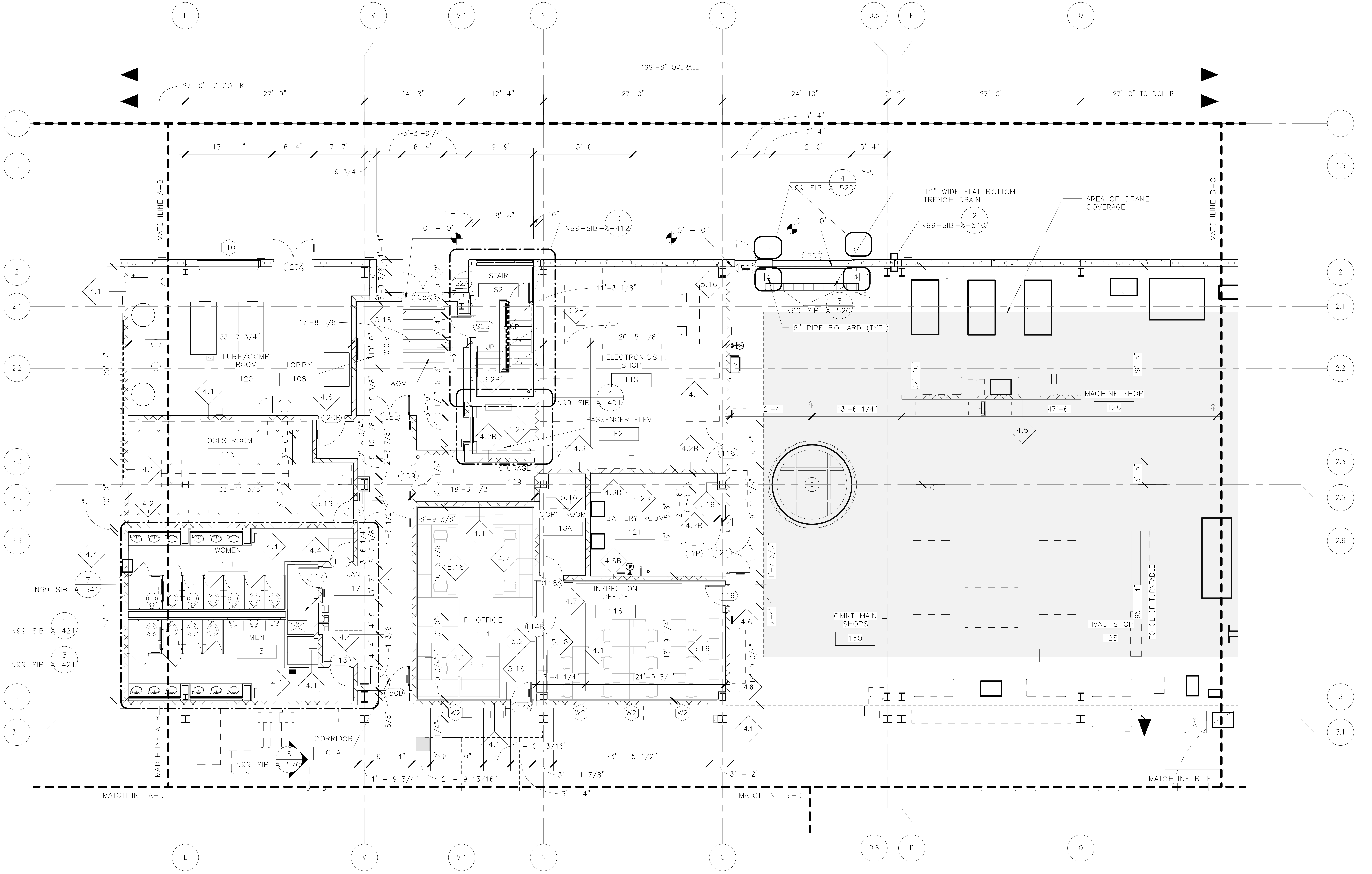

PARTITION PLAN GENERAL NOTES

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PLAN NOTES:
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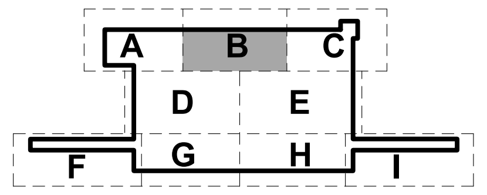

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK — 02/20/2017
DRAWN — DATE
C. HOLMES — 02/20/2017
DESIGNED — DATE
J. KELLEHER — 02/20/2017
CHECKED — DATE
M. GIULIANI — 02/20/2017
APPROVED — DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA B

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

DRAWING NO.: N99-SIB-A-113

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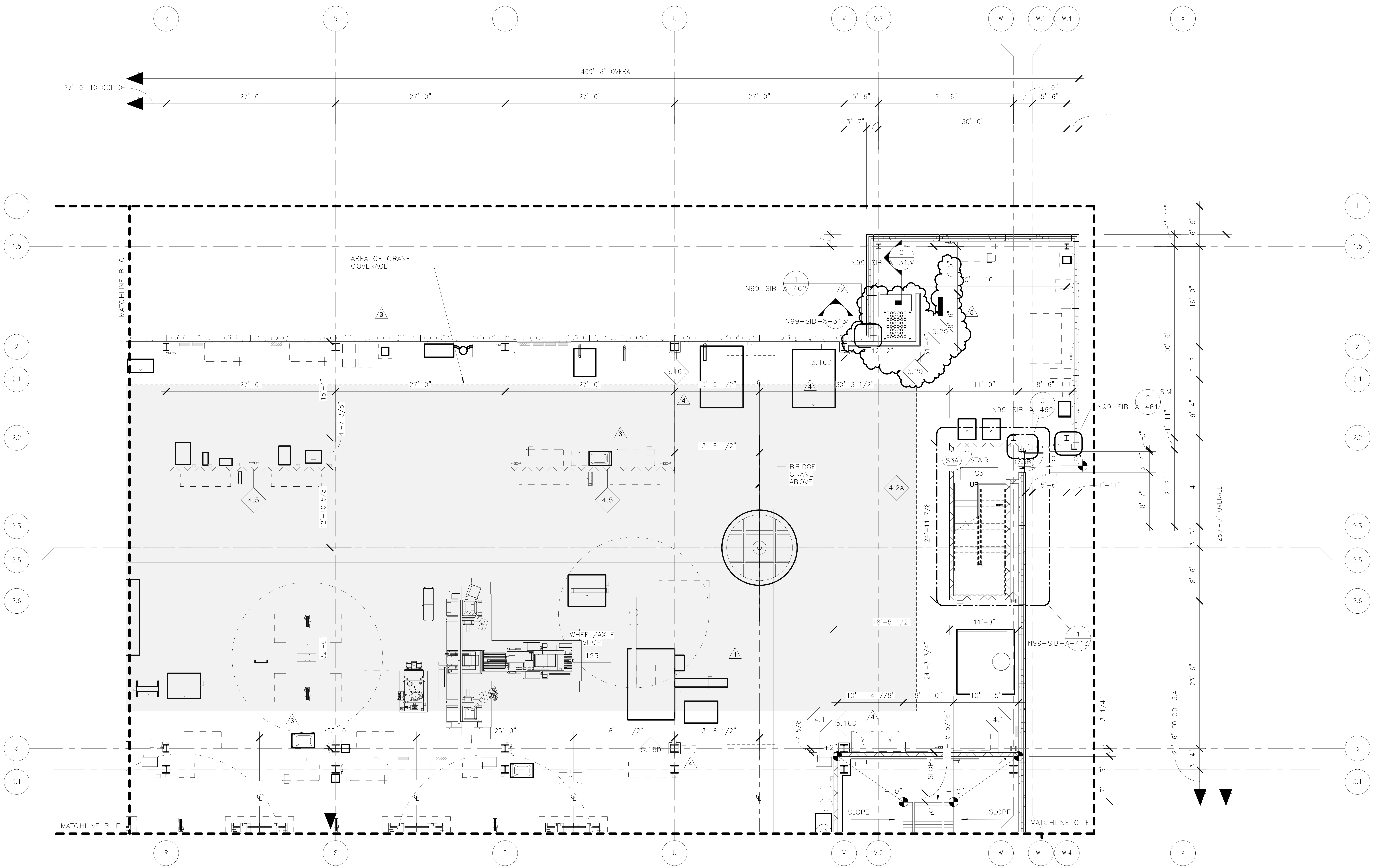

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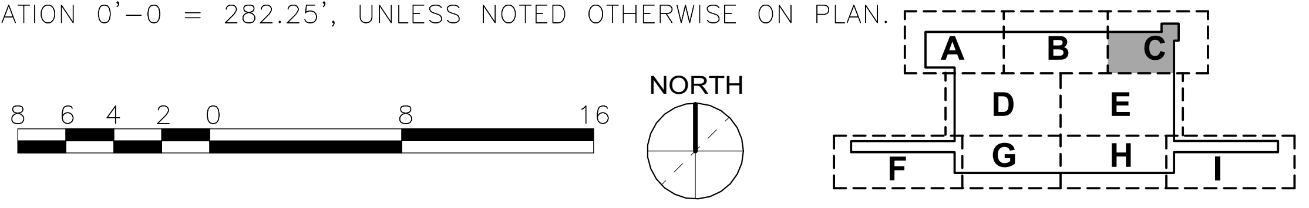

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
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1	07/07/2017	DC 0394: DL-44 & DL-49 Systemwide Updates	LK	CTH	JJK	MLG
2	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
3	09/29/2017	Design Change 0540: DL-65 Parts Washer	LK	CTH	JJK	MLG
4	10/20/2017	Design Change 0561 DL-68: Column Wraps	RR	CTH	JJK	MLG
5	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA C

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-114

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PARTITION PLAN GENERAL NOTES

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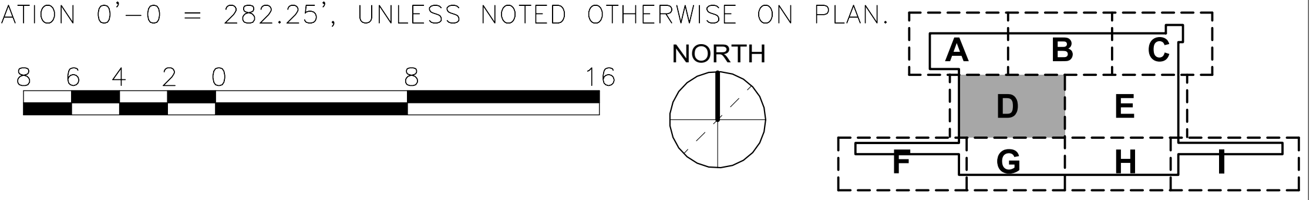

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA D

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

DRAWING NO.: N99-SIB-A-115

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PARTITION PLAN GENERAL NOTES

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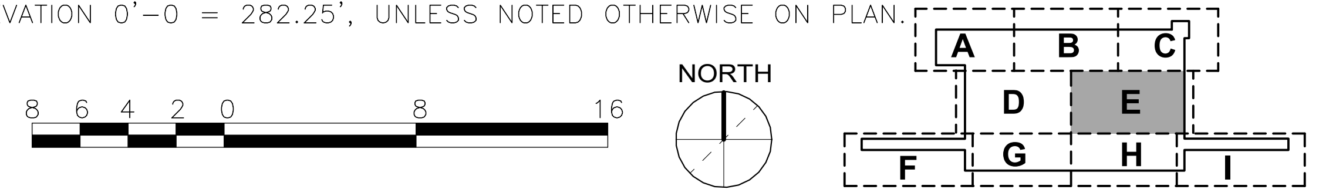

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - FIRST FLOOR PLAN - AREA E		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-SIB-A-116	

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PLAN NOTES:
TOP OF BASEMENT SLAB ELEVATION IS (-16'-0) RELATIVE TO THE REFERENCE FIRST FLOOR FINISH ELEVATION 0'-0 = 282.25', UNLESS NOTED OTHERWISE ON PLAN.

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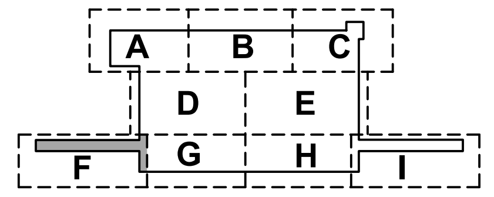
NORTH



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ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA F

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

DRAWING NO.: N99-SIB-A-117

PARTITION PLAN GENERAL NOTES

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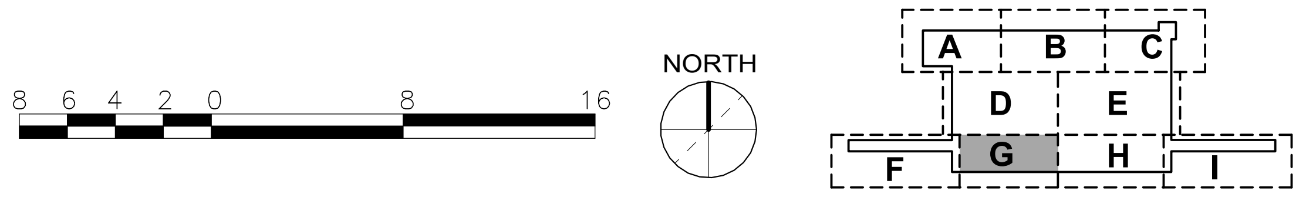

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ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
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No. 011155

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA G

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-118

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PARTITION PLAN GENERAL NOTES

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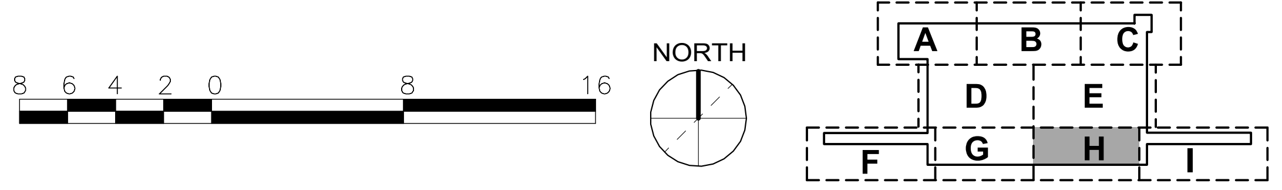

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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COMMONWEALTH OF VIRGINIA
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ARCHITECT

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Plan. Build. Manage.

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA H

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-119

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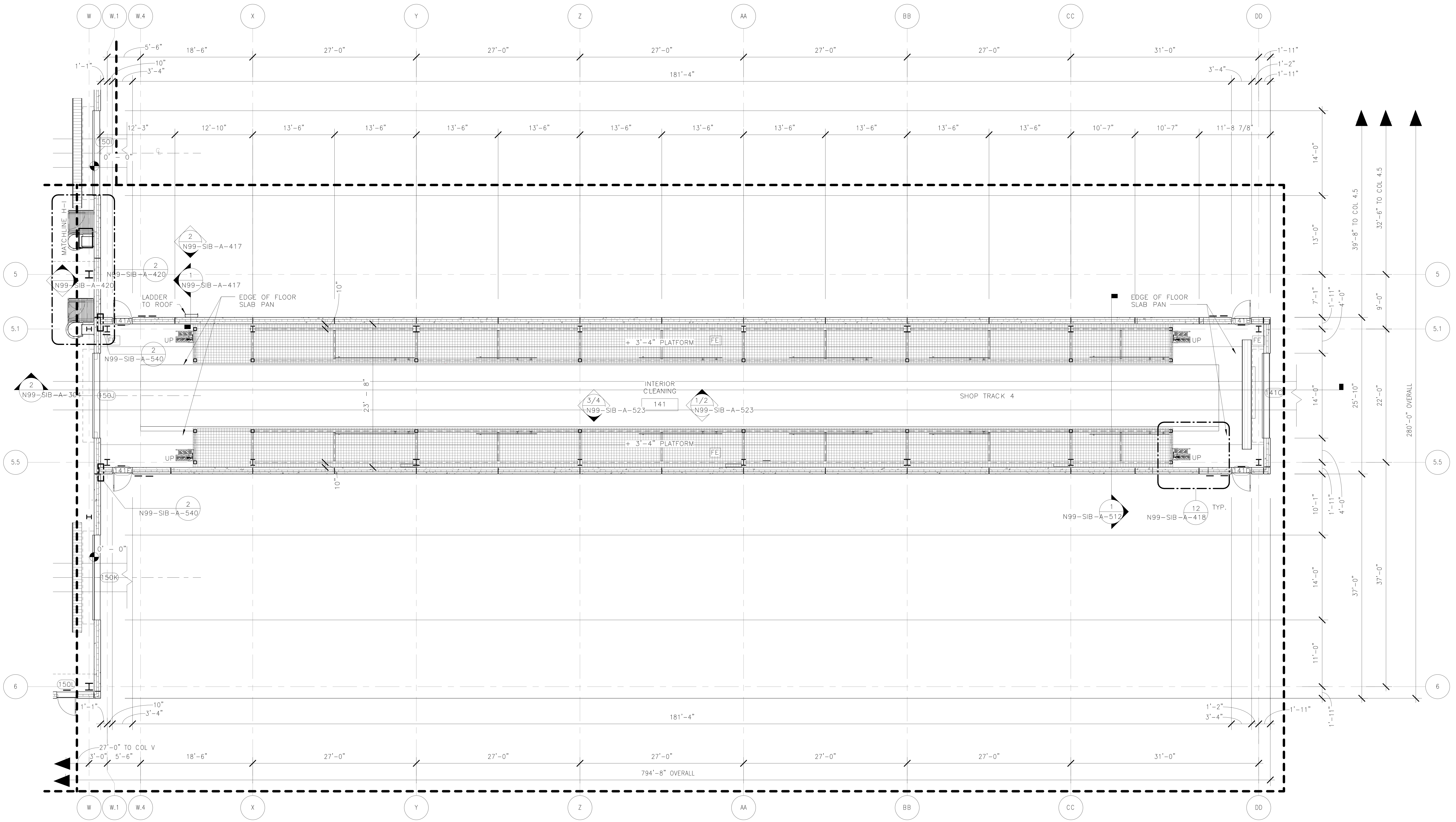

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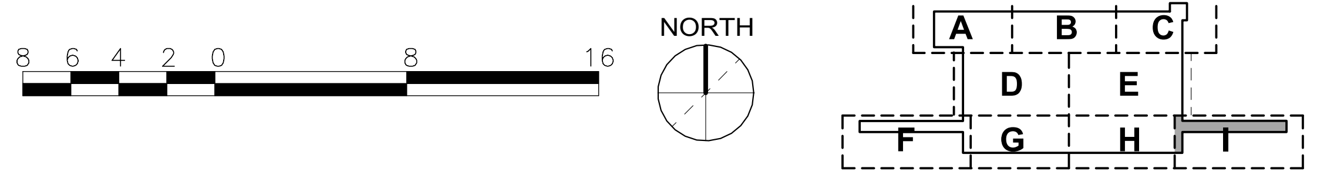

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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - FIRST FLOOR PLAN - AREA I		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-SIB-A-120	

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PARTITION PLAN GENERAL NOTES

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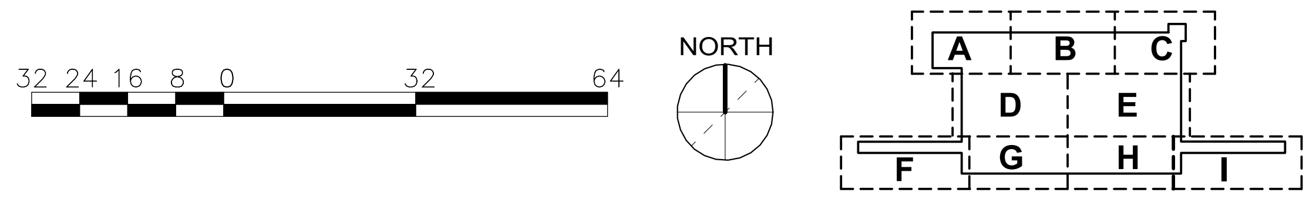
5. PROVIDE IMPACT PROTECTION FOR MEDIUM VOLTAGE CONDUITS. CONFIGURATION TO BE COORDINATED WITH CONDUIT INSTALLATION.



ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - OVERALL LOWER MEZZANINE FLOOR PLAN		
SCALE: 1/32" = 1'-0"	DRAWING NO.: N99-SIB-A-121	

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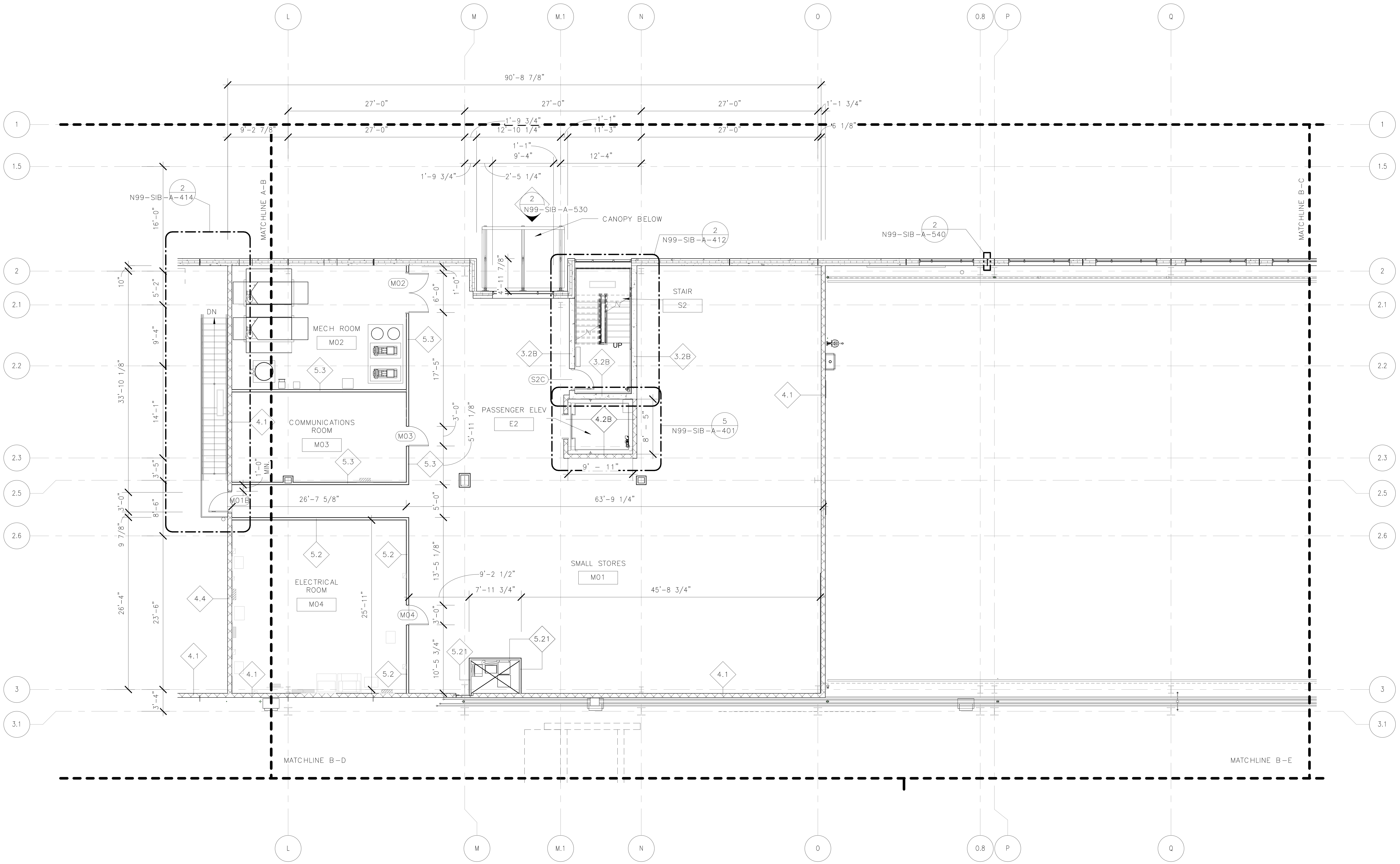

PARTITION PLAN GENERAL NOTES

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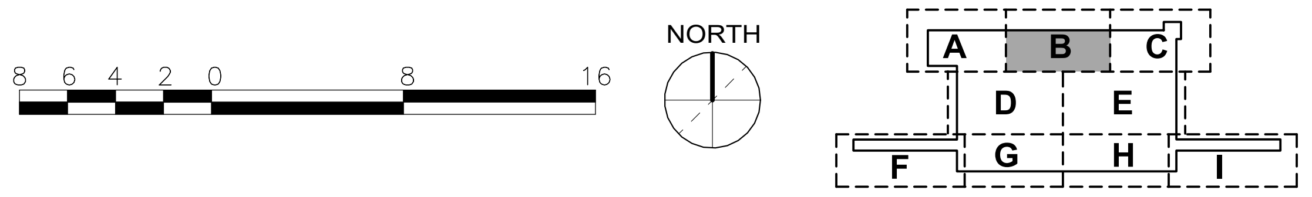

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - LOWER MEZZANINE FLOOR PLAN - AREA B		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-SIB-A-122	

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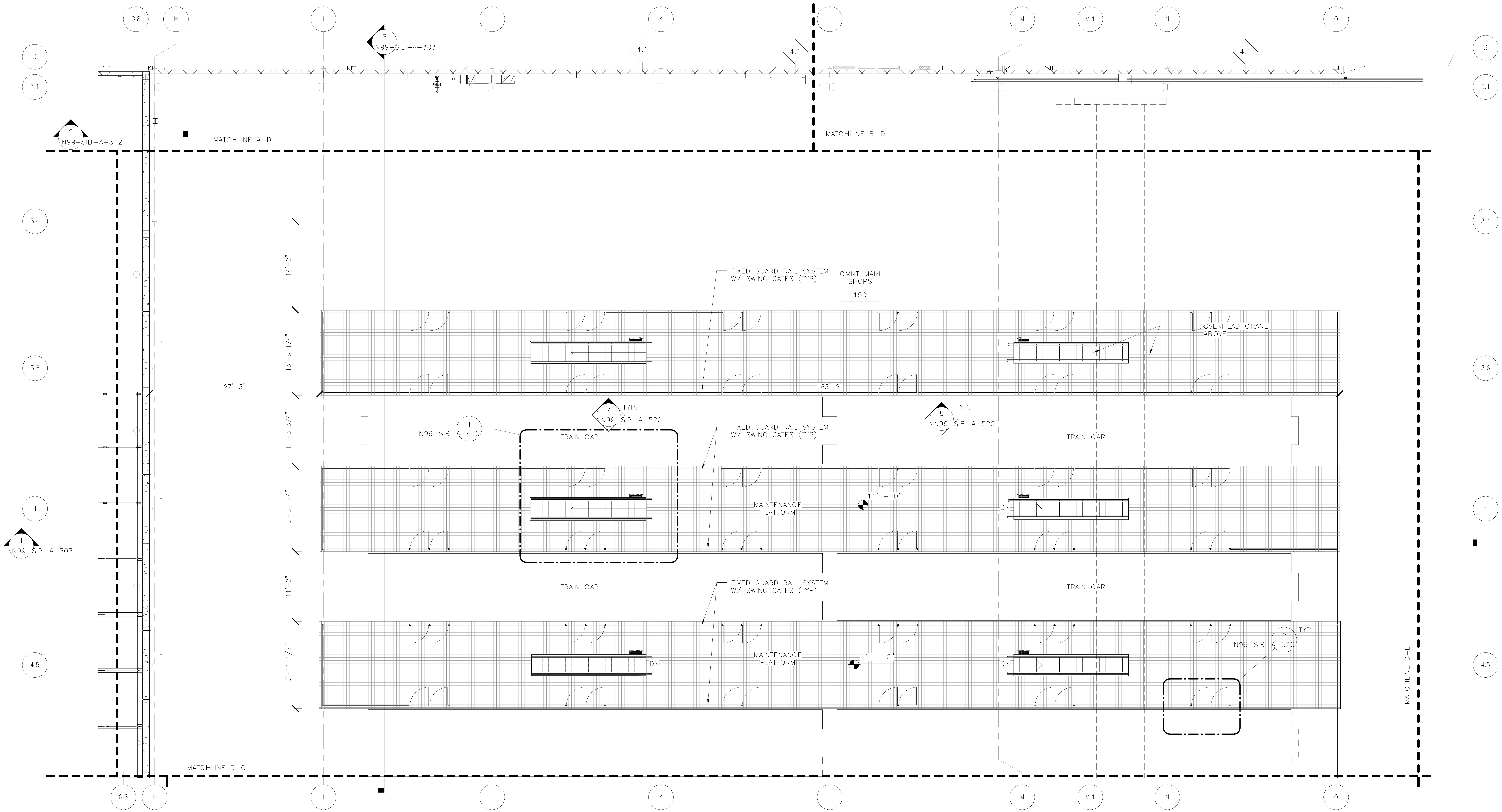

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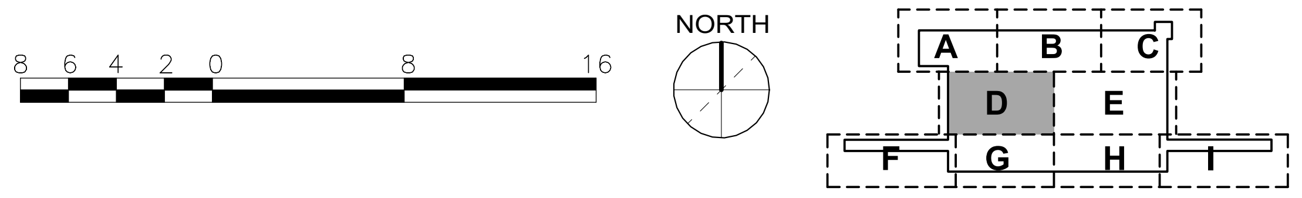

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ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LOWER MEZZANINE FLOOR PLAN - AREA D

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-125

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PARTITION PLAN GENERAL NOTES

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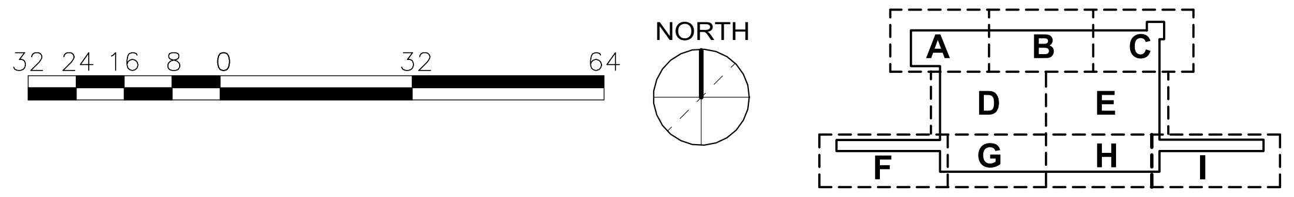

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ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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J. KELLEHER	02/20/2017
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M. GIULIANI	02/20/2017
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MARK LAWRENCE GIULIANI
No. 011155

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Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL UPPER MEZZANINE FLOOR PLAN

SCALE: 1/32" = 1'-0"
DRAWING NO.: N99-SIB-A-131

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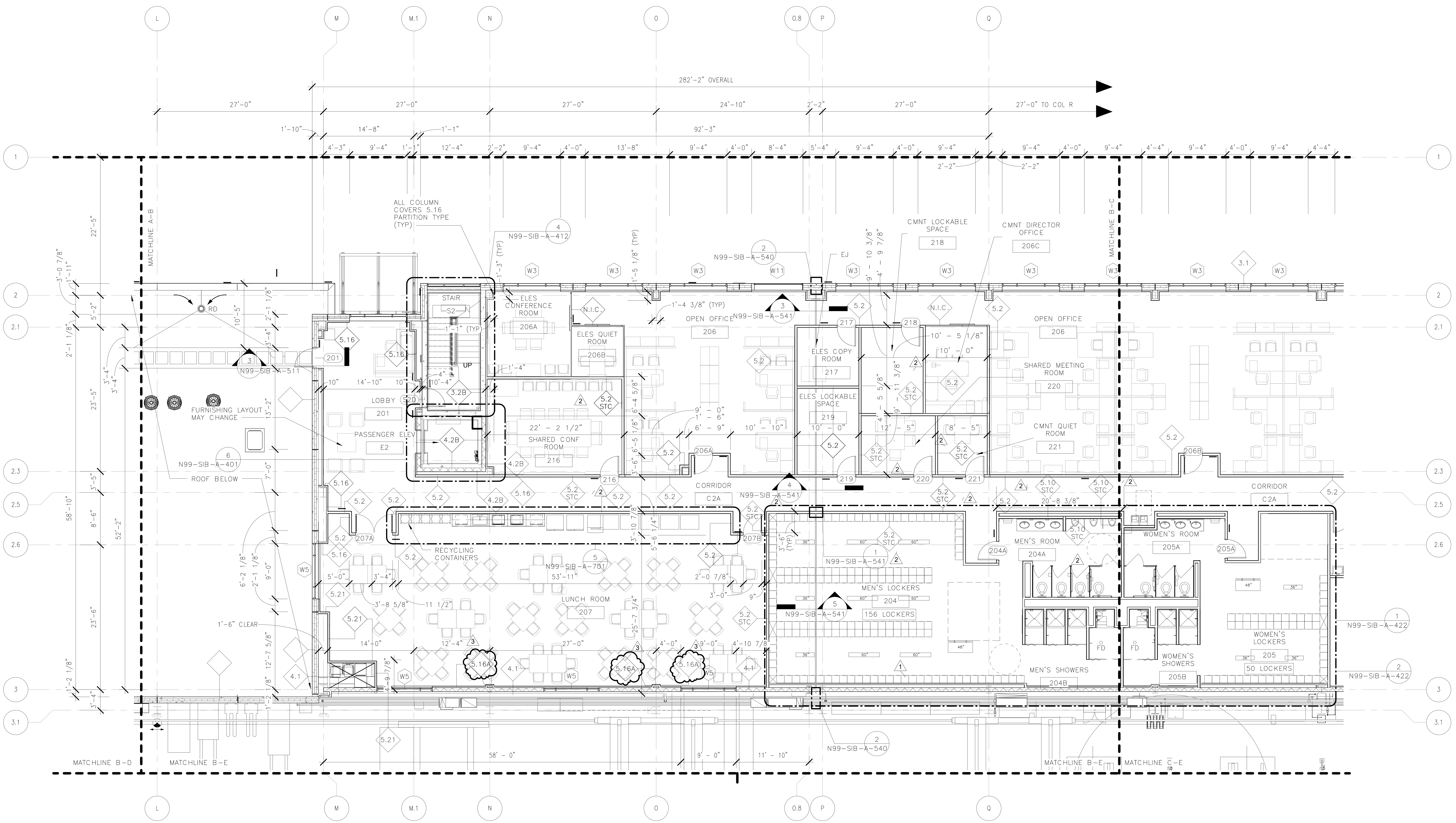

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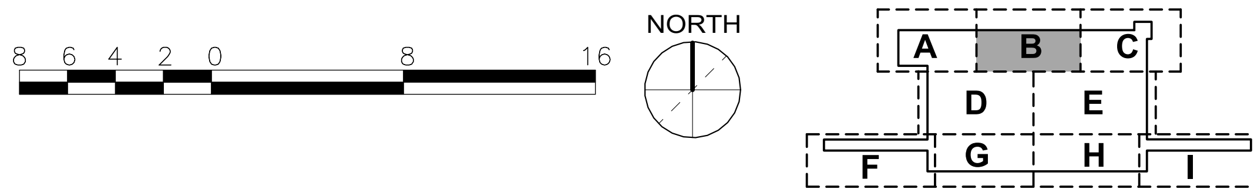

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
1	04/17/2017	DC 0345: CMU Location on Upper Mezzanine	LK	CTH	JJK	MLG
2	06/12/2017	DC 0388: DL-56 Sound Attenuation	LK	CTH	JJK	MLG
3	06/22/2017	DC 0262: Top of CMU at column line 3	LK	CTH	JJK	MLG

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WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR PLAN - AREA B

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-133

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PARTITION PLAN GENERAL NOTES

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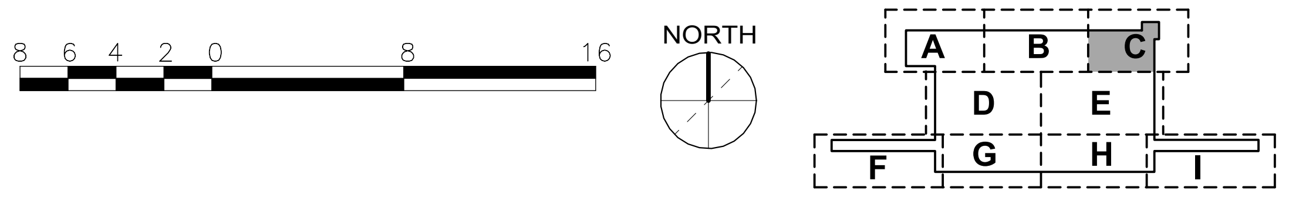

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
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APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
1	04/17/2017	DC 0345: CMU Location on Upper Mezzanine	LK	CTH	JJK	MLG
2	05/22/2017	DC 0387: DL-57 YCR Modifications	LK	CTH	JJK	MLG
3	06/22/2017	DC 0262: Top of CMU at column line 3	LK	CTH	JJK	MLG
4	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
5	10/27/2017	Design Change 0535: DL-63 Fire Suppr. Syst.	LK	CTH	JJK	MLG
6	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

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AREA TRANSIT AUTHORITY
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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR PLAN - AREA C

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-134

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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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M. GIULIANI	02/20/2017
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REFERENCE DRAWINGS

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REVISIONS

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MARK LAWRENCE GIULIANI
No. 011155
20 FEB 17

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL ROOF PLAN

SCALE: 1/32" = 1'-0"
DRAWING NO.: N99-SIB-A-141

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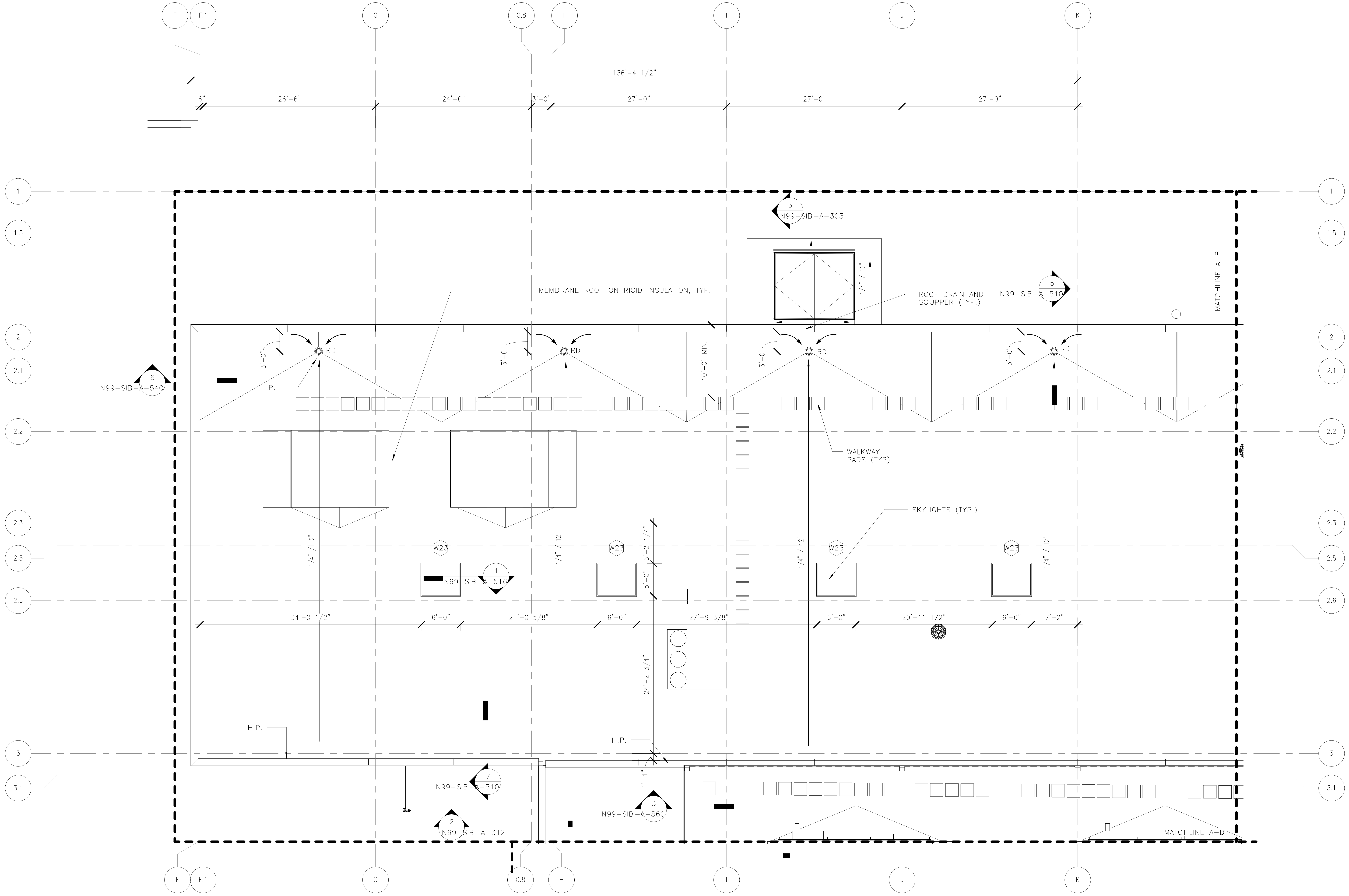

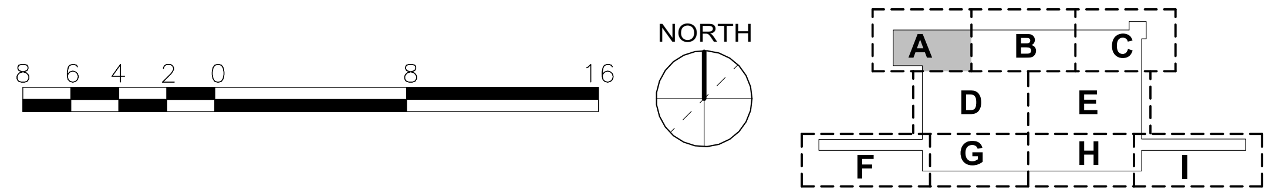

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COMMONWEALTH OF VIRGINIA
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MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

metro
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA A

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-142

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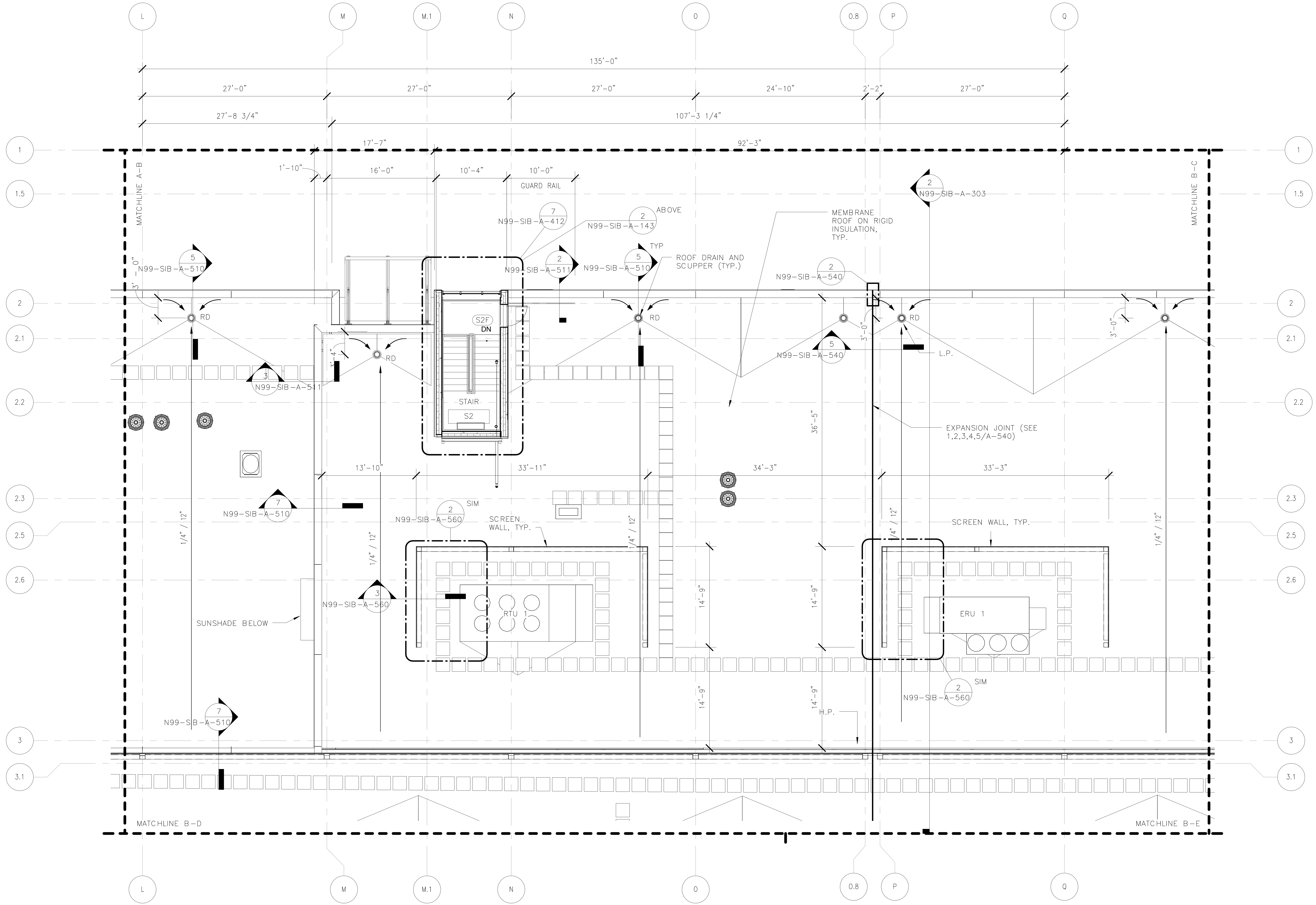

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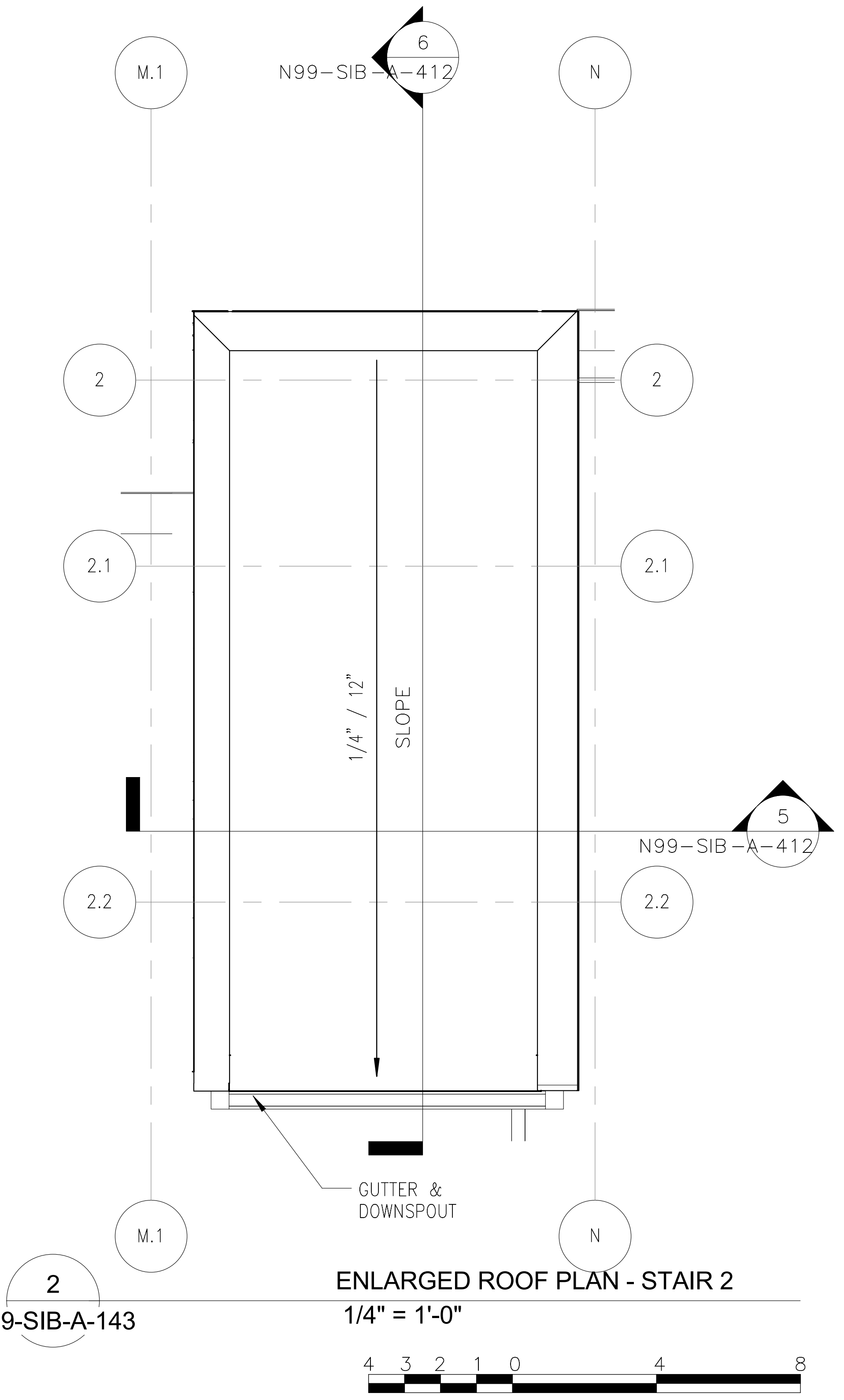
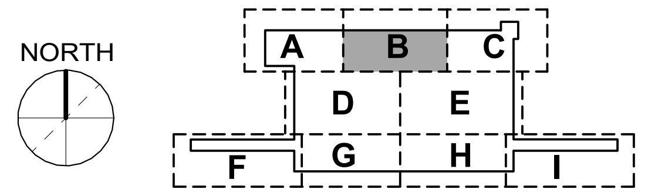
N99-SIB-A-143

ROOF PLAN - AREA B
1/8" = 1'-0"



2
N99-SIB-A-143

ENLARGED ROOF PLAN - STAIR 2
1/4" = 1'-0"



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RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA B

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-143

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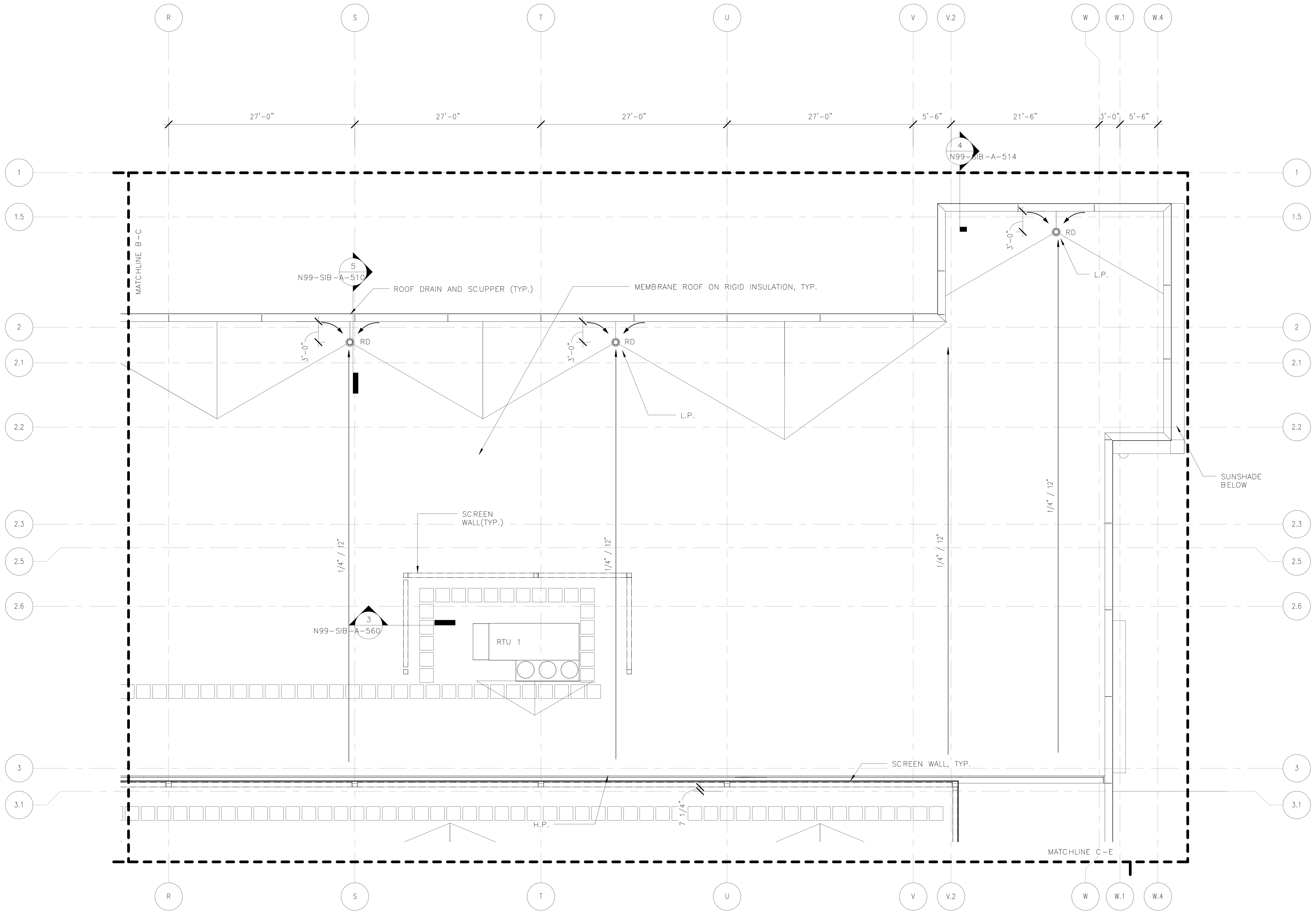

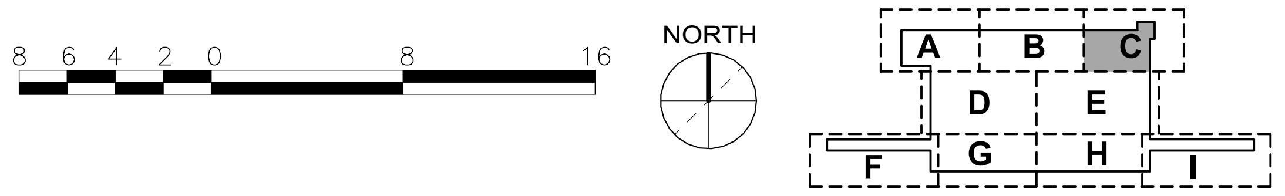

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK — 02/20/2017
DRAWN — DATE

C. HOLMES — 02/20/2017
DESIGNED — DATE

J. KELLEHER — 02/20/2017
CHECKED — DATE

M. GIULIANI — 02/20/2017
APPROVED — DATE

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NUMBER	DESCRIPTION

REVISIONS

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MARK LAWRENCE GIULIANI
No. 011155

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA C

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-144

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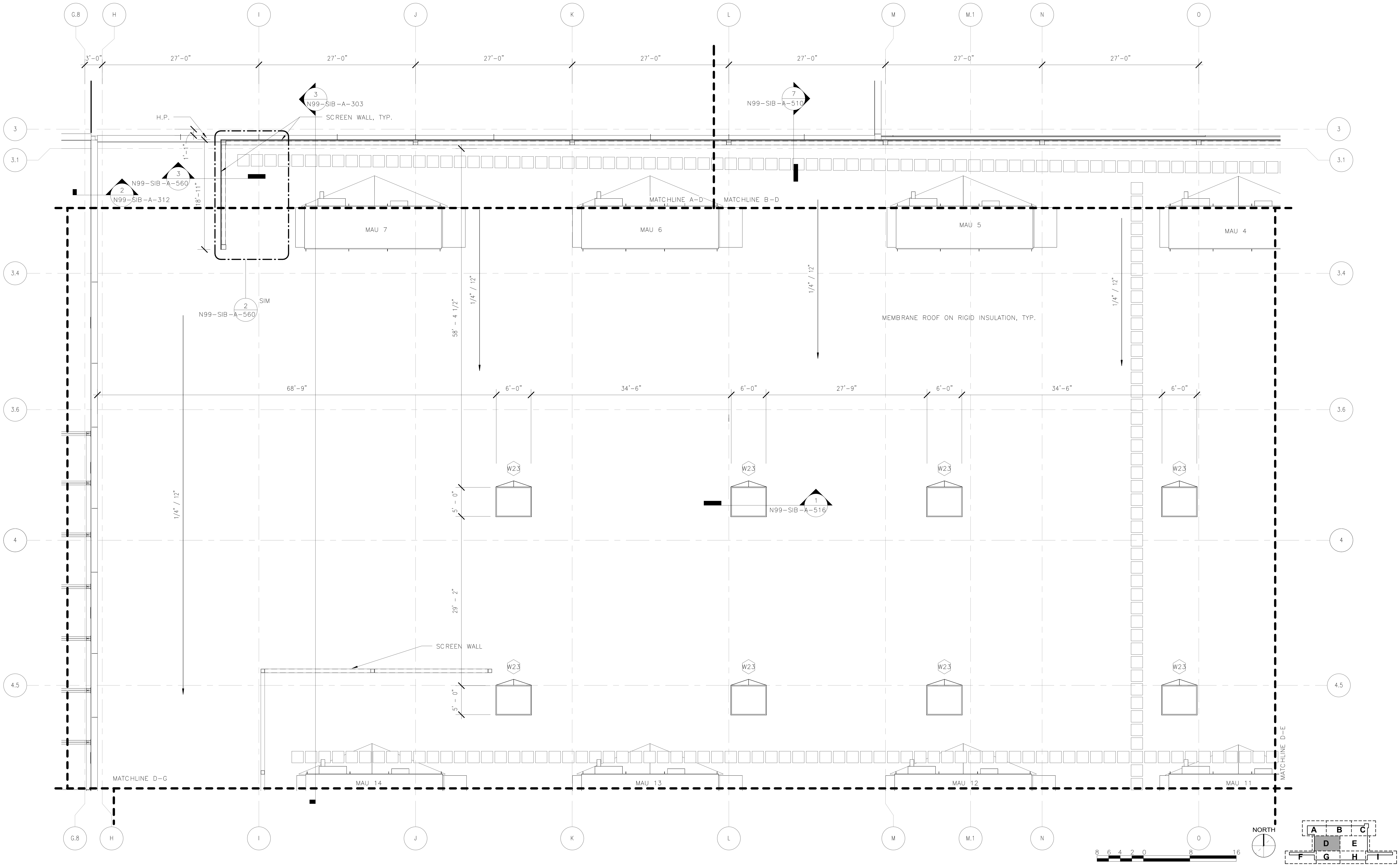

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA D

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-145

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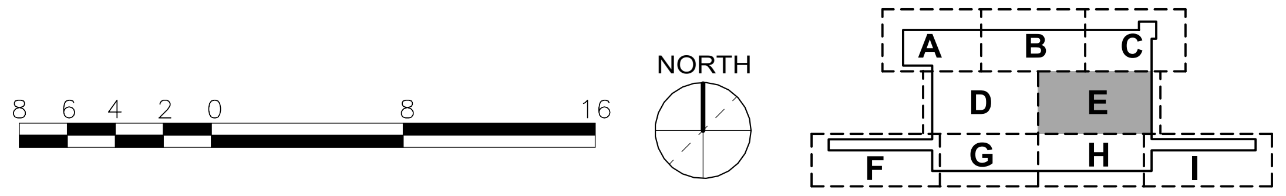

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA E

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-146

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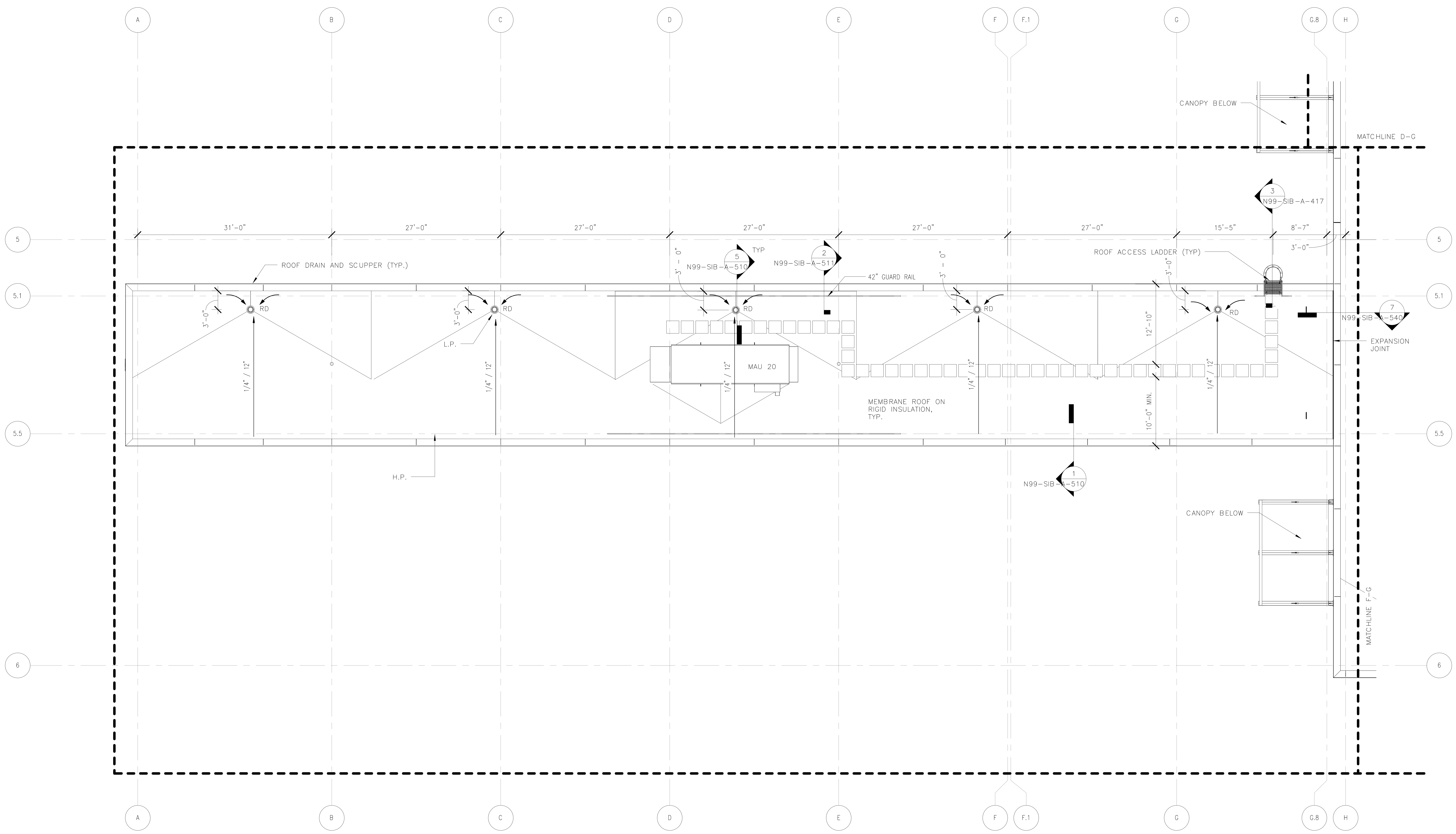

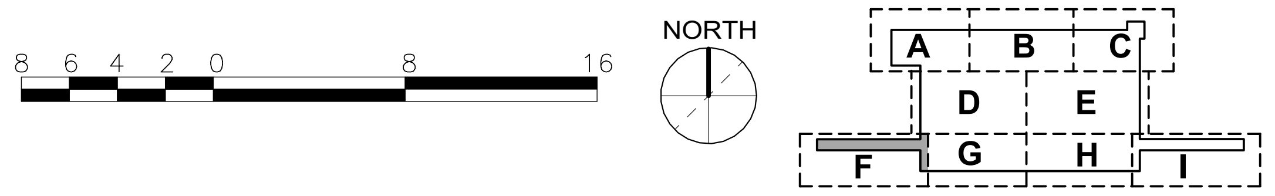

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA F

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

DRAWING NO.: N99-SIB-A-147

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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA G

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-148

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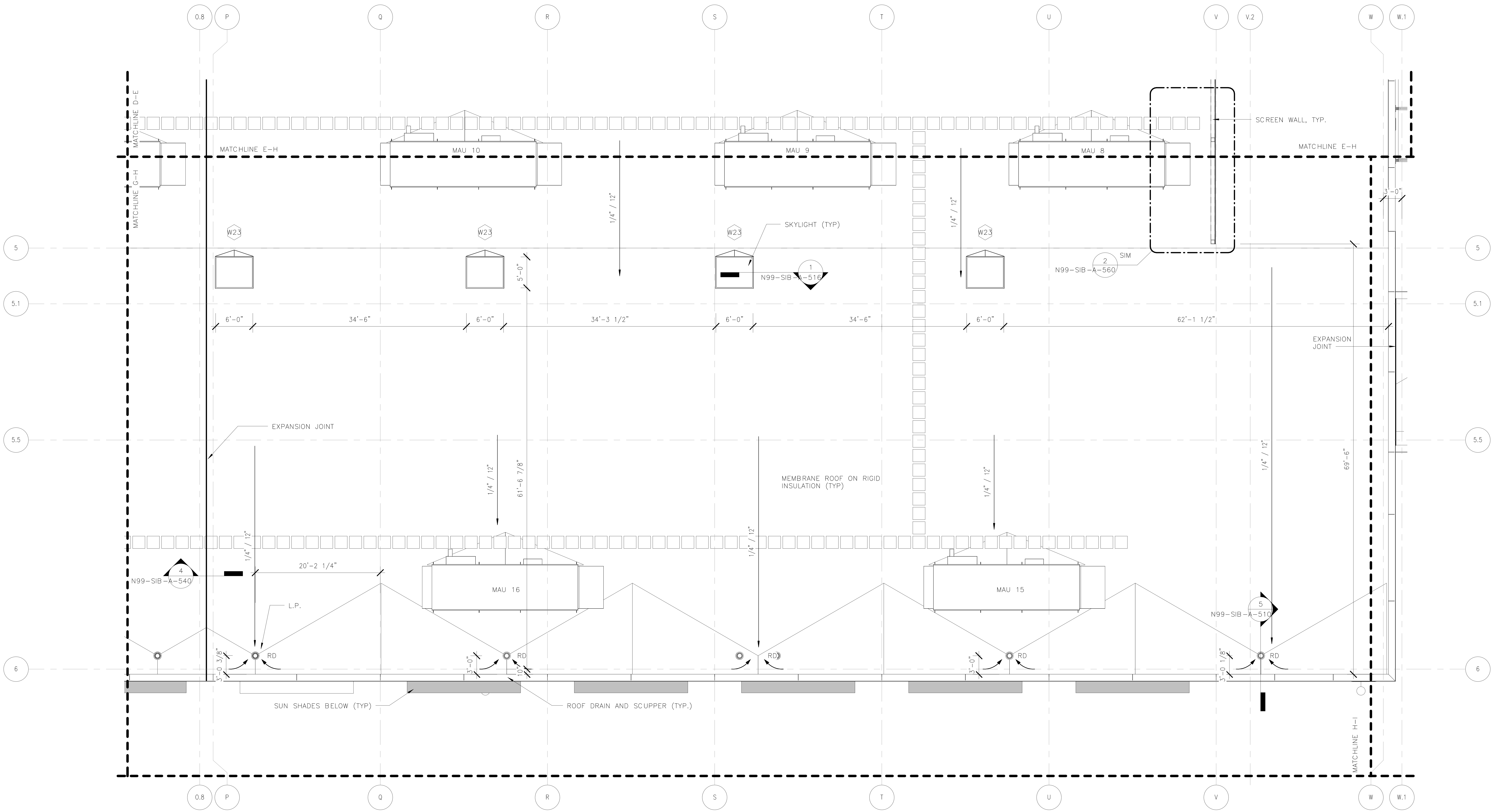

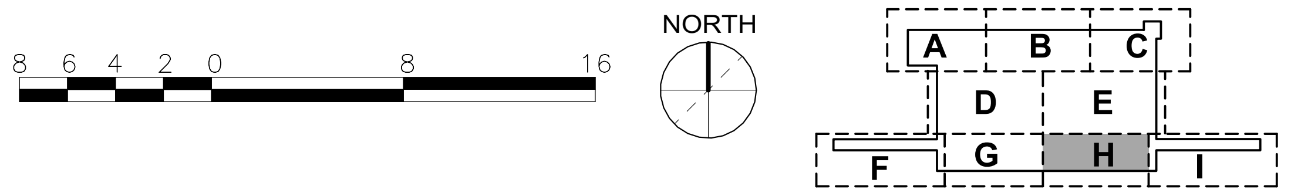

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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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REVISIONS

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39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA H

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

DRAWING NO.: N99-SIB-A-149

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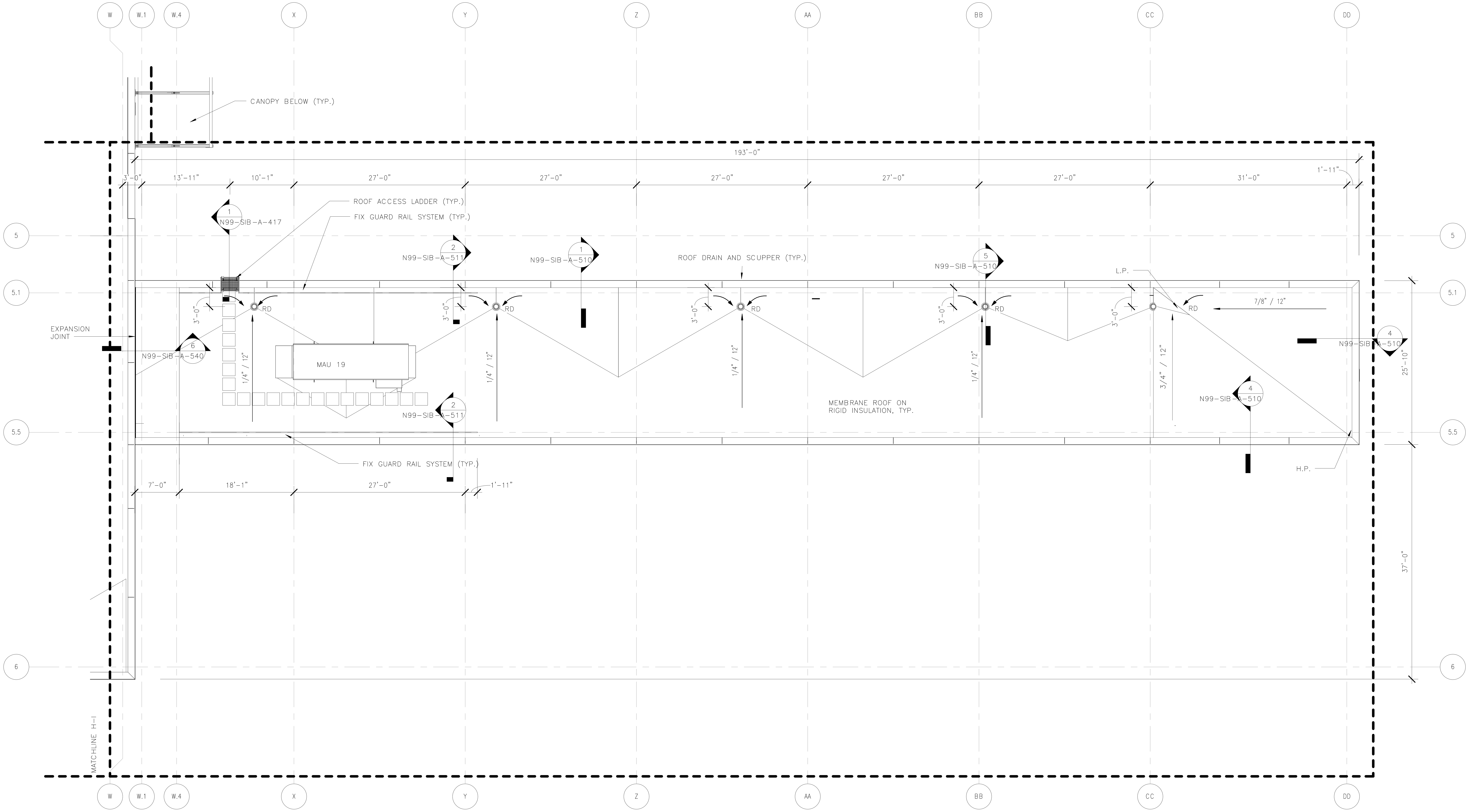

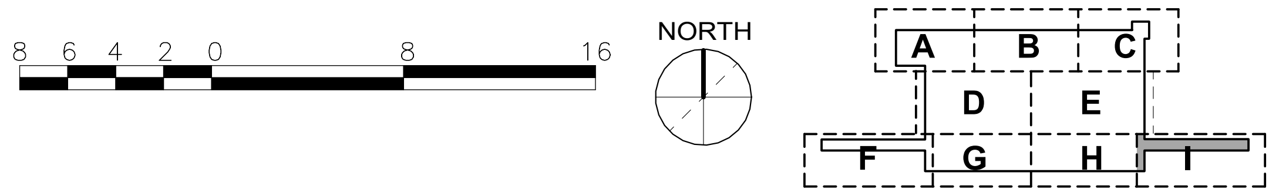

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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COMMONWEALTH OF VIRGINIA
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CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF PLAN - AREA I

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

DRAWING NO.: N99-SIB-A-150

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'–0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'–0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▥	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY–IN LIGHT FIXTURE
□	2' X 2' LAY–IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
▶■	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
⧄	HVAC RETURN
Ⓜ	MICROPHONE
⊙	SPRINKLER
PH◁	HORN SPEAKER
▭	SLOT DIFFUSER
S	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠◁	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

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WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL BASEMENT/PIT REFLECTED CEILING PLAN

SCALE: 1/32" = 1'-0"

DRAWING NO.: N99-SIB-A-151

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'–0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'–0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

▭ 2' X 2' SUSPENDED ACOUSTIC PANEL

▭ EXPOSED METAL DECK

▭ 2' X 4' LAY–IN LIGHT FIXTURE

□ 2' X 2' LAY–IN LIGHT FIXTURE

▭ 1' X 4' LIGHT FIXTURE

CCTV

PA SPEAKER

○ HIGH BAY LIGHT FIXTURE

— 4' INDUSTRIAL STRIP LT. FIX

○ RECESSED DOWN LIGHT

⊗ EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

▣ HVAC DIFFUSER

▨ HVAC RETURN

Ⓜ MICROPHONE

⊙ SPRINKLER

PH HORN SPEAKER

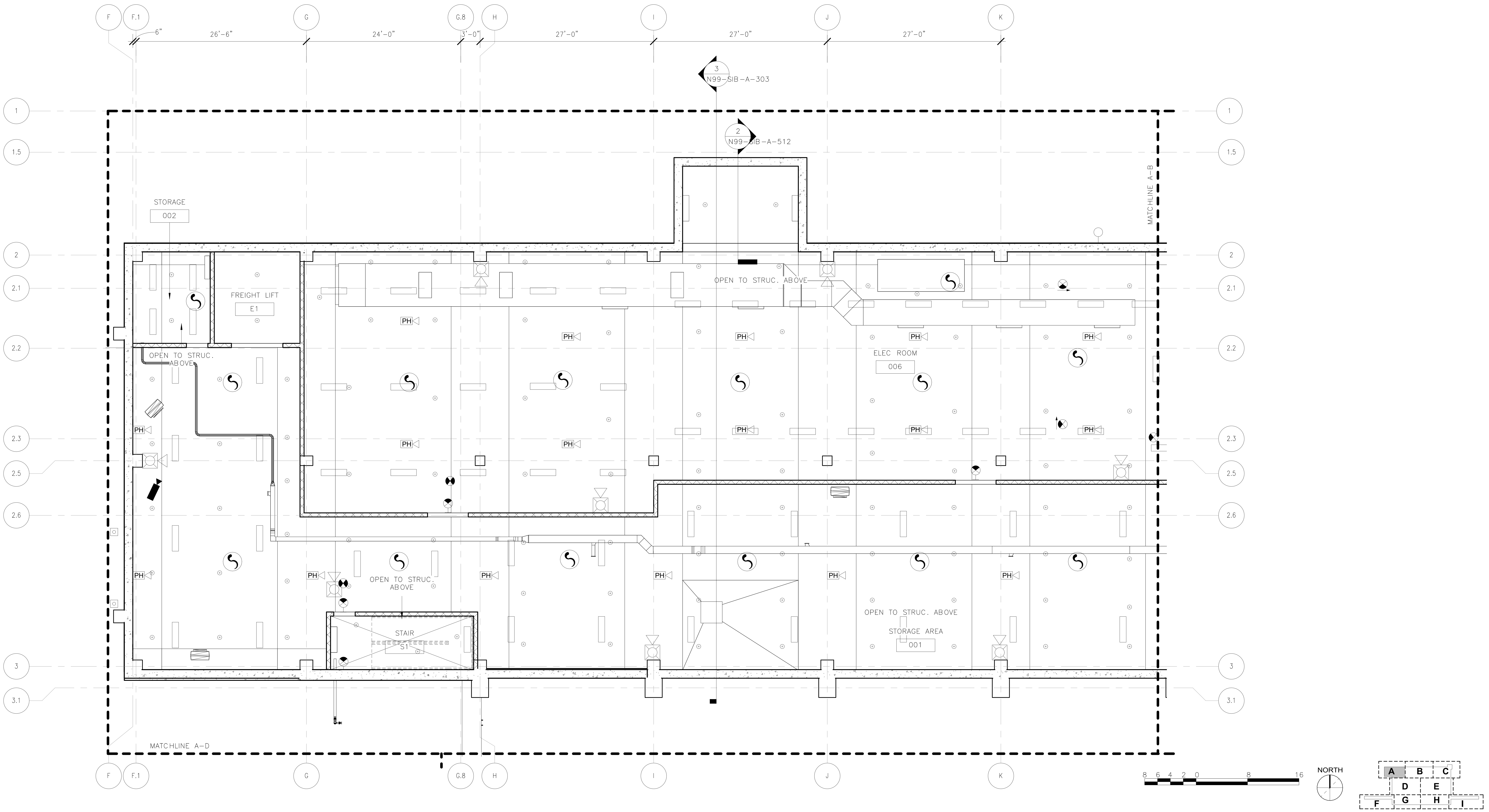
▭ SLOT DIFFUSER

SMOKE DETECTOR

EXTERIOR LIGHT FIXTURE

SPEAKER STROBE

▲ CARBON MONOXIDE DETECTOR



ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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REVISIONS

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - BASEMENT/PIT REFLECTED CEILING PLAN - AREA A

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

DRAWING NO.: N99-SIB-A-152

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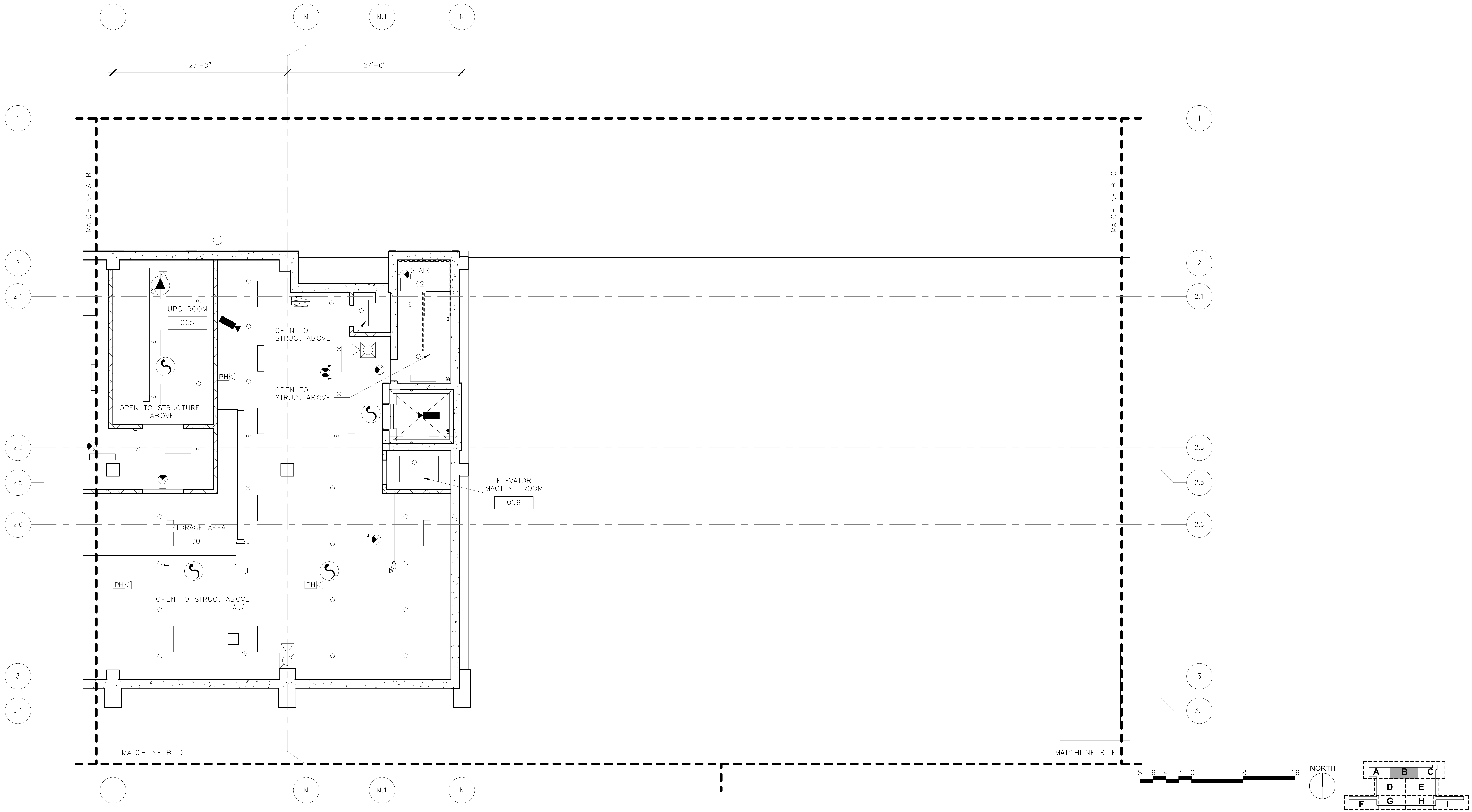
REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▭	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY-IN LIGHT FIXTURE
□	2' X 2' LAY-IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
■	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
▨	HVAC RETURN
Ⓜ	MICROPHONE
⊙	SPRINKLER
PH	HORN SPEAKER
▭	SLOT DIFFUSER
ʔ	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR



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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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MARK LAWRENCE GIULIANI
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ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.:
8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - BASEMENT/PIT REFLECTED CEILING PLAN - AREA B

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

DRAWING NO.:
N99-SIB-A-153

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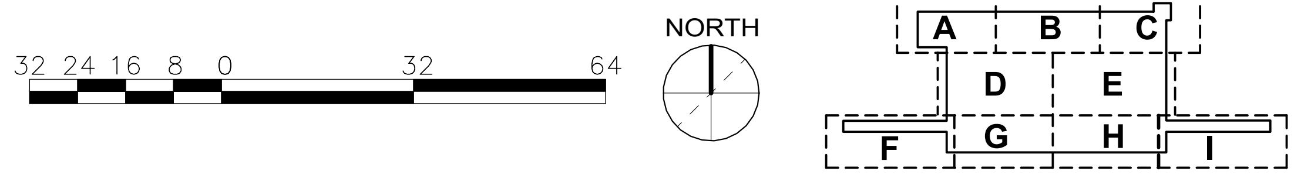
REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▭	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY-IN LIGHT FIXTURE
□	2' X 2' LAY-IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
▶■	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
⧄	HVAC RETURN
Ⓜ	MICROPHONE
⊙	SPRINKLER
PH◁	HORN SPEAKER
▭	SLOT DIFFUSER
?	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠◁	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR



ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
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J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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No. 011155

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/32" = 1'-0"

DRAWING NO.: N99-SIB-A-161

2/16/2017 5:00:01 PM

REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F. — FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

▦ — 2' X 2' SUSPENDED ACOUSTIC PANEL

▭ — EXPOSED METAL DECK

▭ — 2' X 4' LAY-IN LIGHT FIXTURE

□ — 2' X 2' LAY-IN LIGHT FIXTURE

▭ — 1' X 4' LIGHT FIXTURE

CCTV

PA — SPEAKER

○ — HIGH BAY LIGHT FIXTURE

— 4' INDUSTRIAL STRIP LT. FIX

○ — RECESSED DOWN LIGHT

⊗ — EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

▣ — HVAC DIFFUSER

▨ — HVAC RETURN

Ⓜ — MICROPHONE

⊙ — SPRINKLER

PH — HORN SPEAKER

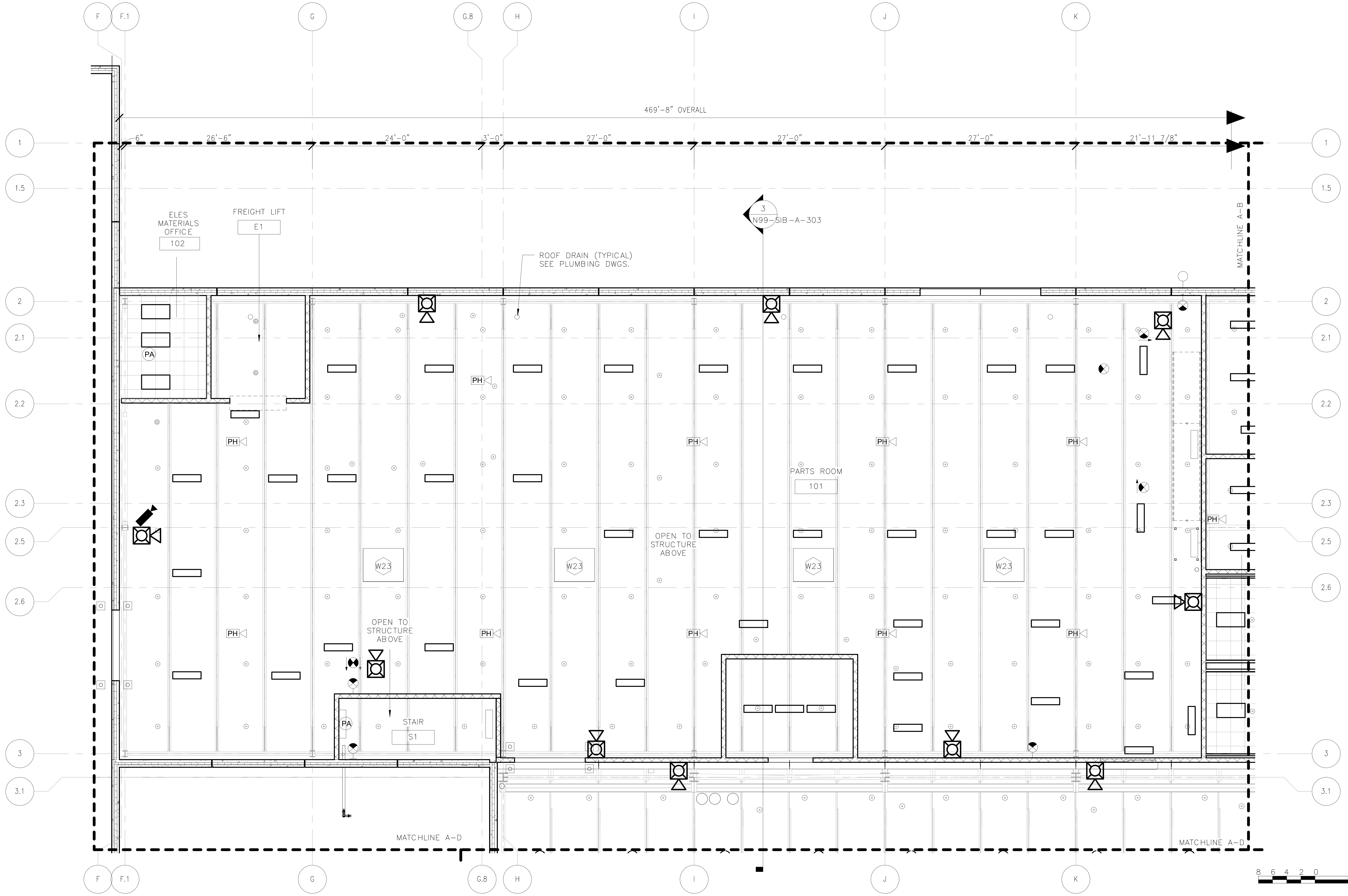
▭ — SLOT DIFFUSER

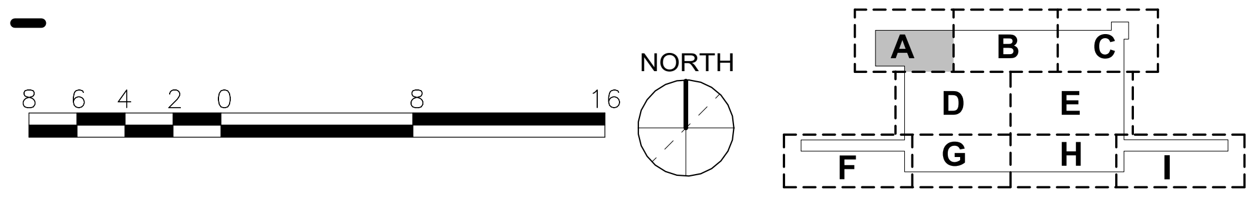
Ⓢ — SMOKE DETECTOR

— EXTERIOR LIGHT FIXTURE

— SPEAKER STROBE

▲ — CARBON MONOXIDE DETECTOR





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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA A

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

DRAWING NO.: N99-SIB-A-162

REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

2' X 2' SUSPENDED ACOUSTIC PANEL

EXPOSED METAL DECK

2' X 4' LAY-IN LIGHT FIXTURE

2' X 2' LAY-IN LIGHT FIXTURE

1' X 4' LIGHT FIXTURE

CCTV

PA SPEAKER

HIGH BAY LIGHT FIXTURE

4' INDUSTRIAL STRIP LT. FIX

RECESSED DOWN LIGHT

EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

HVAC DIFFUSER

HVAC RETURN

M MICROPHONE

SPRINKLER

PH HORN SPEAKER

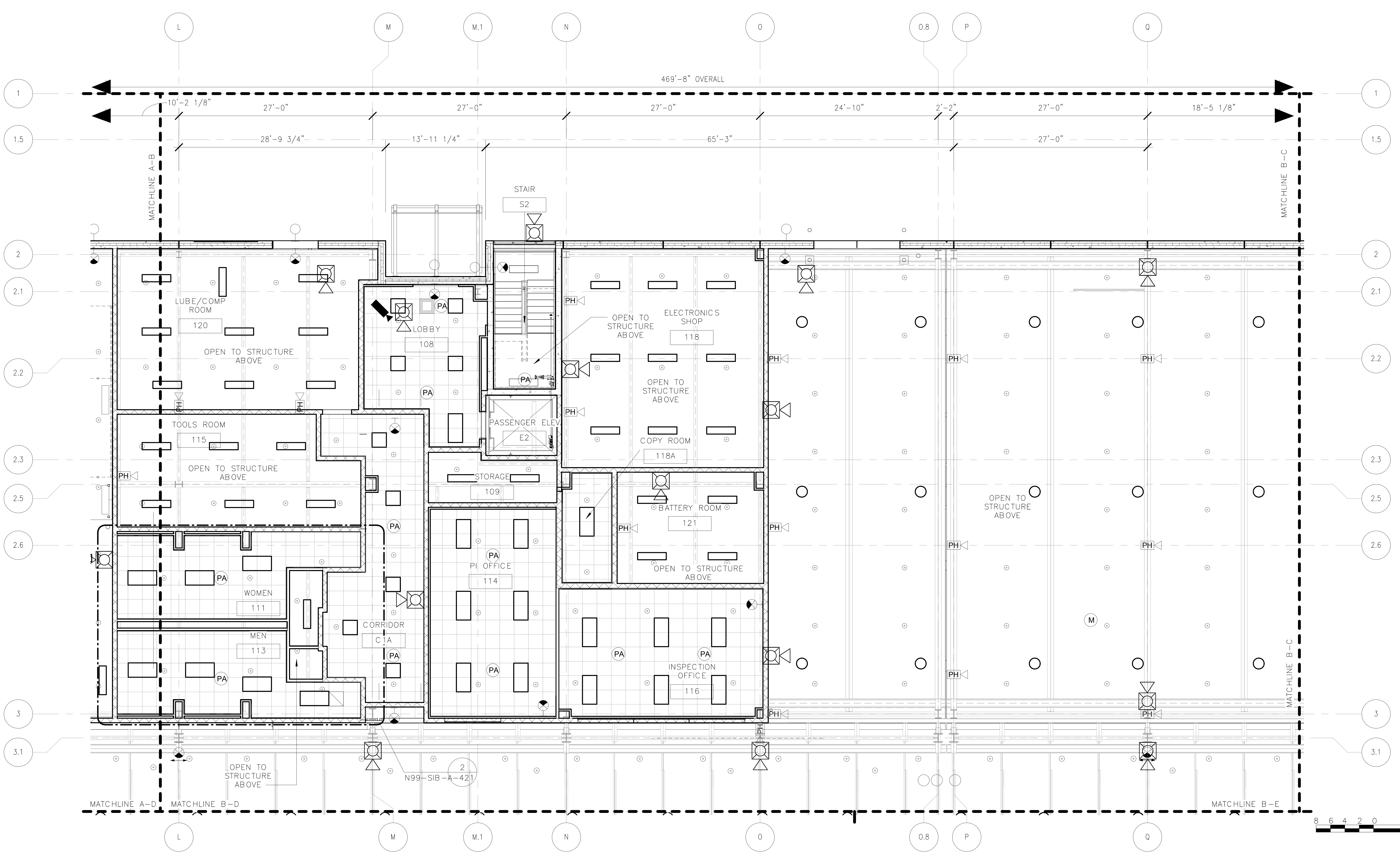
SLOT DIFFUSER

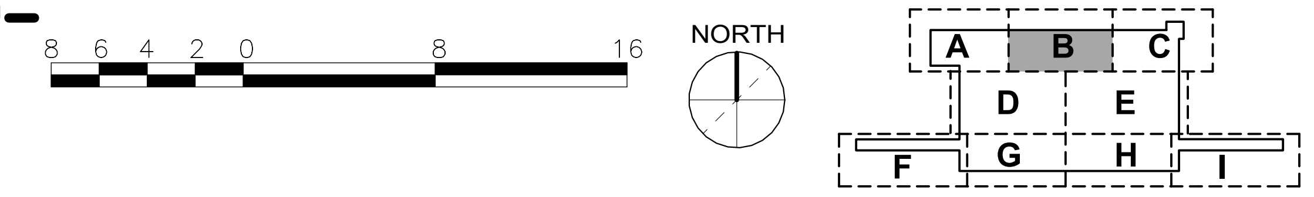
SMOKE DETECTOR

EXTERIOR LIGHT FIXTURE

SPEAKER STROBE

CARBON MONOXIDE DETECTOR





ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA B

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-163

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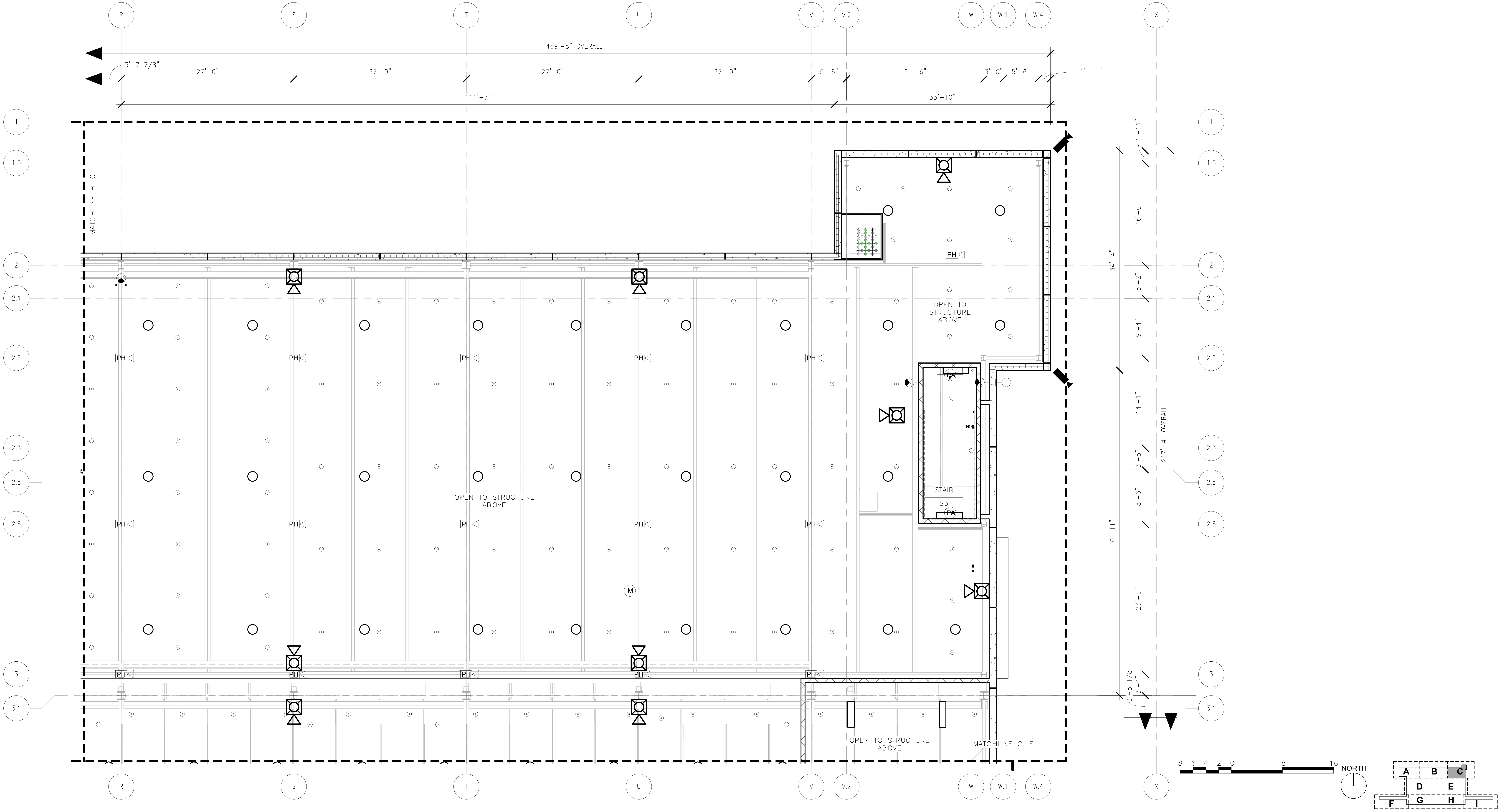
REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'–0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'–0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▥	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY–IN LIGHT FIXTURE
□	2' X 2' LAY–IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
▶■	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
═	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
⧄	HVAC RETURN
M	MICROPHONE
⊙	SPRINKLER
PH◁	HORN SPEAKER
═	SLOT DIFFUSER
?	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠◁	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR



ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
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J. KELLEHER	02/20/2017
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M. GIULIANI	02/20/2017
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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA C

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

DRAWING NO.: N99-SIB-A-164

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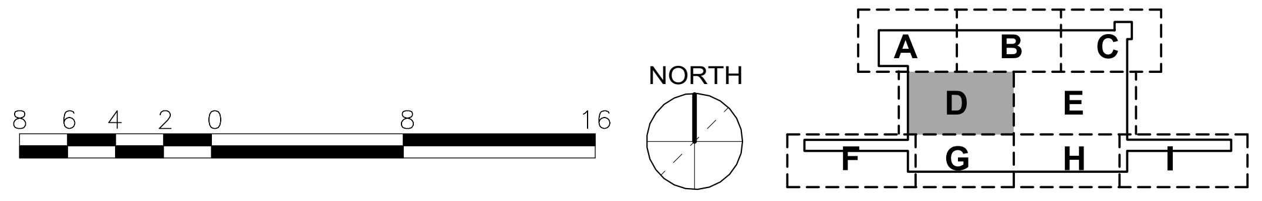
SEE SHEET A-164 FOR REFLECTED CEILING PLAN NOTES



ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
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M. GIULIANI	02/20/2017
APPROVED	DATE

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MARK LAWRENCE GIULIANI
No. 011155
20 FEB 17

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WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA D

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

DRAWING NO.: N99-SIB-A-165

2/16/2017 5:01:05 PM

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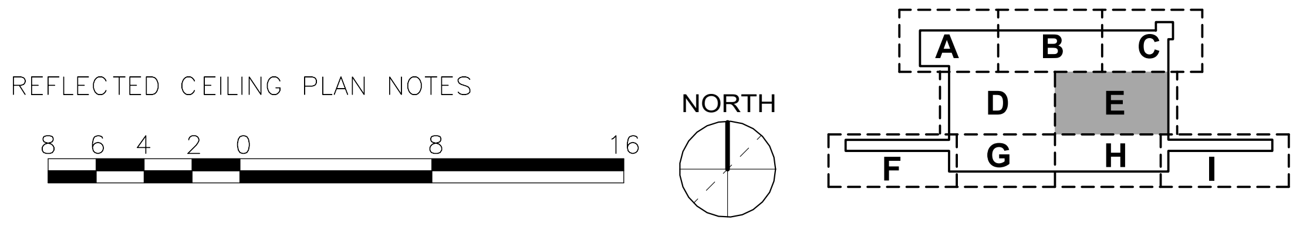
SEE SHEET A-164 FOR REFLECTED CEILING PLAN NOTES



ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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No. 011155

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CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA E

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

DRAWING NO.: N99-SIB-A-166

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

▭ 2' X 2' SUSPENDED ACOUSTIC PANEL

▭ EXPOSED METAL DECK

▭ 2' X 4' LAY-IN LIGHT FIXTURE

□ 2' X 2' LAY-IN LIGHT FIXTURE

▭ 1' X 4' LIGHT FIXTURE

CCTV

PA SPEAKER

○ HIGH BAY LIGHT FIXTURE

4' INDUSTRIAL STRIP LT. FIX

○ RECESSED DOWN LIGHT

EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

HVAC DIFFUSER

HVAC RETURN

M MICROPHONE

SPRINKLER

PH HORN SPEAKER

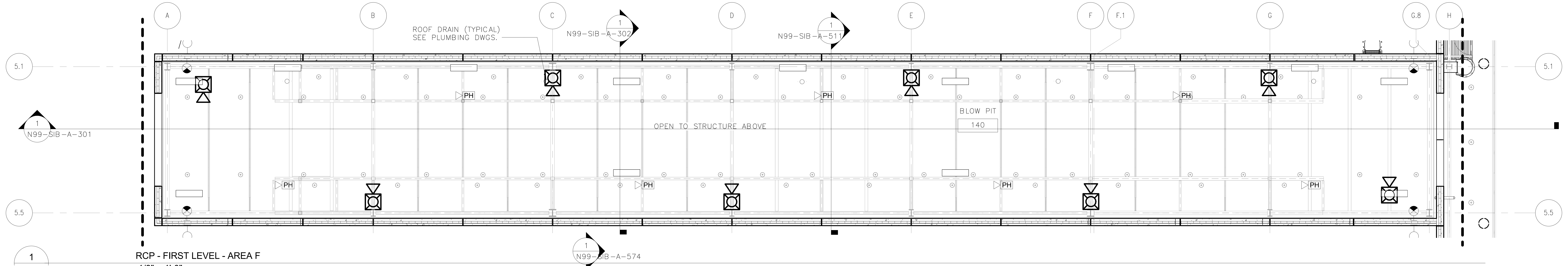
SLOT DIFFUSER

SMOKE DETECTOR

EXTERIOR LIGHT FIXTURE

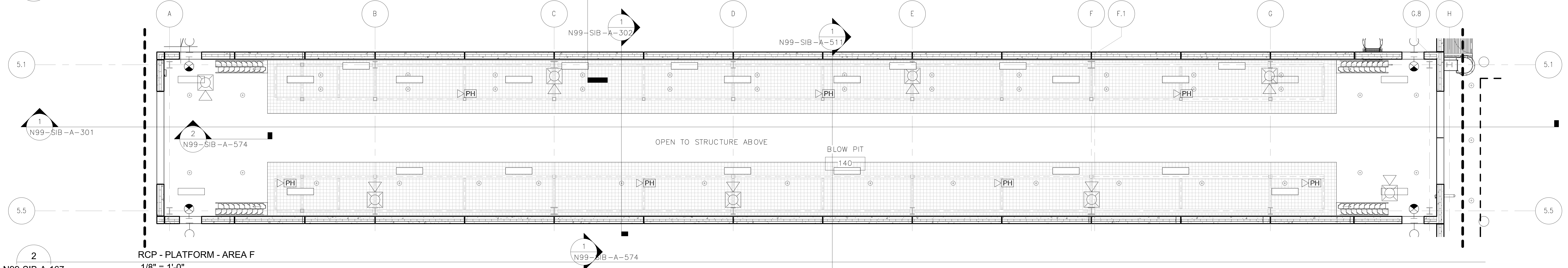
SPEAKER STROBE

▲ CARBON MONOXIDE DETECTOR



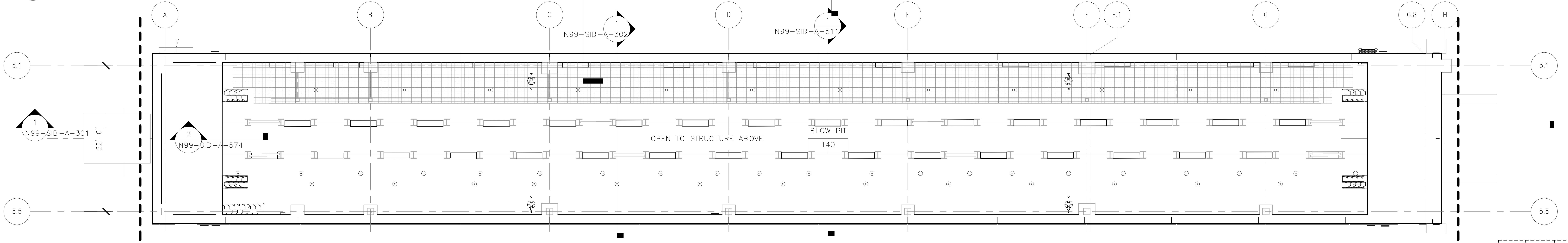
1
N99-SIB-A-167

RCP - FIRST LEVEL - AREA F
1/8" = 1'-0"



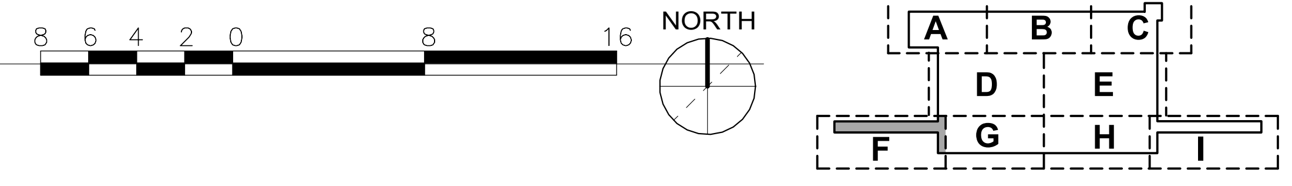
2
N99-SIB-A-167

RCP - PLATFORM - AREA F
1/8" = 1'-0"



3
N99-SIB-A-167

RCP -PIT - AREA F
1/8" = 1'-0"



ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA F

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

DRAWING NO.: N99-SIB-A-167

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.
2) CEILING IN TOILET ROOMS TO BE 5/8" MOISTURE RESISTANT GYP. BD.
3) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'–0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'–0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▦	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY–IN LIGHT FIXTURE
□	2' X 2' LAY–IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▶■	CCTV
▣	HVAC DIFFUSER
⧅	HVAC RETURN
Ⓜ	MICROPHONE
⊙	SPRINKLER
Ⓢ	SPEAKER
▭	SLOT DIFFUSER
?	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

REFERENCE DRAWINGS

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COMMONWEALTH OF VIRGINIA
20 FEB 17
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA G		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-SIB-A-168	

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.
2) CEILING IN TOILET ROOMS TO BE 5/8" MOISTURE RESISTANT GYP. BD.
3) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
⊞ 2' X 2' SUSPENDED ACOUSTIC PANEL
▭ EXPOSED METAL DECK
▭ 2' X 4' LAY-IN LIGHT FIXTURE
□ 2' X 2' LAY-IN LIGHT FIXTURE
▭ 1' X 4' LIGHT FIXTURE
○ HIGH BAY LIGHT FIXTURE
— 4' INDUSTRIAL STRIP LT. FIX
∘ RECESSED DOWN LIGHT
⊗ EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▶ CCTV
⊡ HVAC DIFFUSER
⧄ HVAC RETURN
Ⓜ MICROPHONE
⊙ SPRINKLER
Ⓢ SPEAKER
▭ SLOT DIFFUSER
? SMOKE DETECTOR
♀ EXTERIOR LIGHT FIXTURE

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

REFERENCE DRAWINGS

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COMMONWEALTH OF VIRGINIA
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39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA H

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-169

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

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9'-0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

▦ 2' X 2' SUSPENDED ACOUSTIC PANEL

▭ EXPOSED METAL DECK

▭ 2' X 4' LAY-IN LIGHT FIXTURE

□ 2' X 2' LAY-IN LIGHT FIXTURE

▭ 1' X 4' LIGHT FIXTURE

CCTV

PA SPEAKER

○ HIGH BAY LIGHT FIXTURE

— 4' INDUSTRIAL STRIP LT. FIX

○ RECESSED DOWN LIGHT

EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

▣ HVAC DIFFUSER

⧄ HVAC RETURN

Ⓜ MICROPHONE

⊙ SPRINKLER

PH HORN SPEAKER

▭ SLOT DIFFUSER

SMOKE DETECTOR

EXTERIOR LIGHT FIXTURE

SPEAKER STROBE

▲ CARBON MONOXIDE DETECTOR

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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR REFLECTED CEILING PLAN - AREA I

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

DRAWING NO.: N99-SIB-A-170

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REFLECTED CEILING PLAN NOTES

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▥ 2' X 2' SUSPENDED ACOUSTIC PANEL

▭ EXPOSED METAL DECK

▭ 2' X 4' LAY–IN LIGHT FIXTURE

□ 2' X 2' LAY–IN LIGHT FIXTURE

▭ 1' X 4' LIGHT FIXTURE

▶■ CCTV

PA SPEAKER

○ HIGH BAY LIGHT FIXTURE

— 4' INDUSTRIAL STRIP LT. FIX

○ RECESSED DOWN LIGHT

⊗ EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

▣ HVAC DIFFUSER

⧄ HVAC RETURN

M MICROPHONE

⊙ SPRINKLER

PH◁ HORN SPEAKER

▭ SLOT DIFFUSER

S SMOKE DETECTOR

♀ EXTERIOR LIGHT FIXTURE

☒◁ SPEAKER STROBE

▲ CARBON MONOXIDE DETECTOR

2/16/2017 5:02:24 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL LOWER MEZZANINE REFLECTED CEILING PLAN

SCALE: 1/32" = 1'-0"

DRAWING NO.: N99-SIB-A-171

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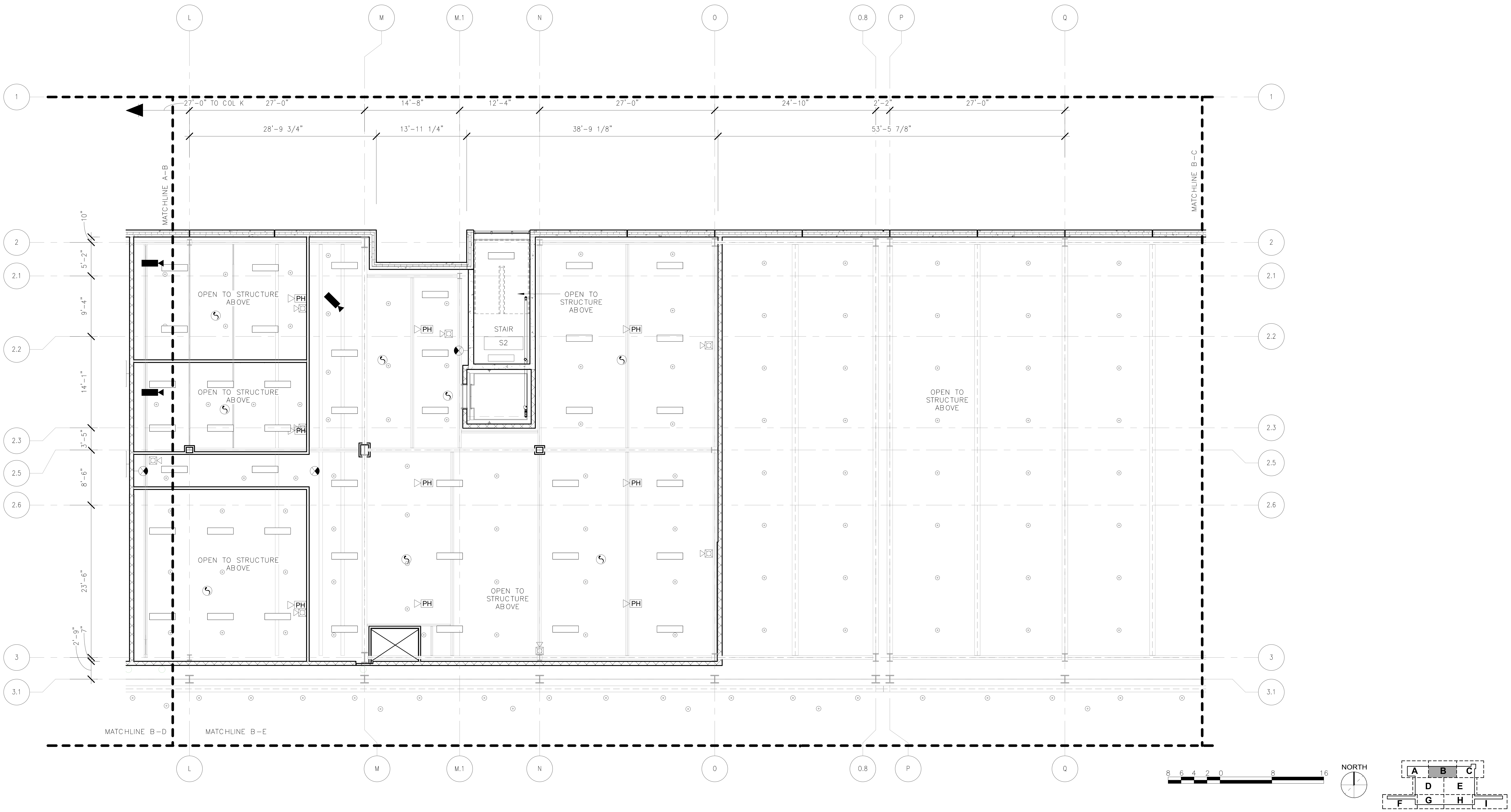
REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'–0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'–0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▥	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY–IN LIGHT FIXTURE
□	2' X 2' LAY–IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
▶■	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
⧄	HVAC RETURN
M	MICROPHONE
⊙	SPRINKLER
PH◁	HORN SPEAKER
▭	SLOT DIFFUSER
S	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠◁	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR



ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LOWER MEZZANINE REFLECTED CEILING PLAN - AREA B

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

DRAWING NO.: N99-SIB-A-173

REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▦	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY-IN LIGHT FIXTURE
□	2' X 2' LAY-IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
■	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
▨	HVAC RETURN
Ⓜ	MICROPHONE
⊙	SPRINKLER
PH	HORN SPEAKER
▭	SLOT DIFFUSER
ⓢ	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR

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DESIGNED	DATE
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M. GIULIANI	02/20/2017
APPROVED	DATE

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL UPPER MEZZANINE REFLECTED CEILING PLAN

SCALE:	DRAWING NO.:
1/32" = 1'-0"	N99-SIB-A-181

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.
▭	2' X 2' SUSPENDED ACOUSTIC PANEL
▭	EXPOSED METAL DECK
▭	2' X 4' LAY-IN LIGHT FIXTURE
□	2' X 2' LAY-IN LIGHT FIXTURE
▭	1' X 4' LIGHT FIXTURE
▶	CCTV
PA	SPEAKER
○	HIGH BAY LIGHT FIXTURE
—	4' INDUSTRIAL STRIP LT. FIX
○	RECESSED DOWN LIGHT
⊗	EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
▣	HVAC DIFFUSER
⧄	HVAC RETURN
M	MICROPHONE
⊙	SPRINKLER
PH	HORN SPEAKER
▭	SLOT DIFFUSER
S	SMOKE DETECTOR
♀	EXTERIOR LIGHT FIXTURE
⊠	SPEAKER STROBE
▲	CARBON MONOXIDE DETECTOR

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA B

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

DRAWING NO.: N99-SIB-A-183

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'–0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'–0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

2' X 2' SUSPENDED ACOUSTIC PANEL

EXPOSED METAL DECK

2' X 4' LAY–IN LIGHT FIXTURE

2' X 2' LAY–IN LIGHT FIXTURE

1' X 4' LIGHT FIXTURE

CCTV

PA SPEAKER

HIGH BAY LIGHT FIXTURE

4' INDUSTRIAL STRIP LT. FIX

RECESSED DOWN LIGHT

EMERGENCY EXIT SIGN – SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

HVAC DIFFUSER

HVAC RETURN

M MICROPHONE

SPRINKLER

PH HORN SPEAKER

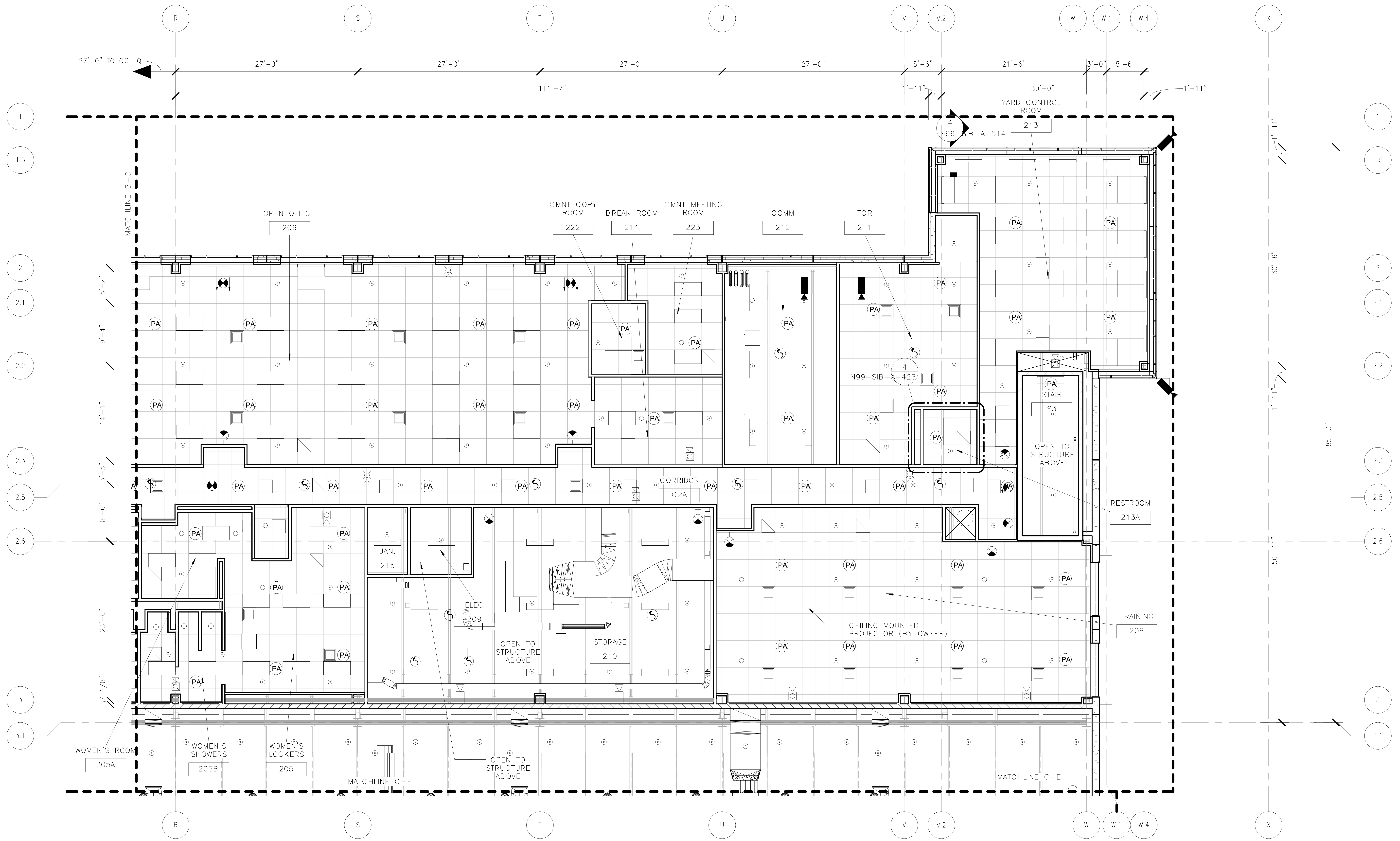
SLOT DIFFUSER

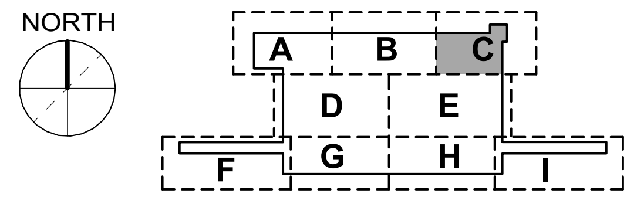
SMOKE DETECTOR

EXTERIOR LIGHT FIXTURE

SPEAKER STROBE

CARBON MONOXIDE DETECTOR





ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA C

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-A-184

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SEE SHEET A-164 FOR REFLECTED CEILING PLAN NOTES

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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
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39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA D

SCALE:

DRAWING NO.: N99-SIB-A-185

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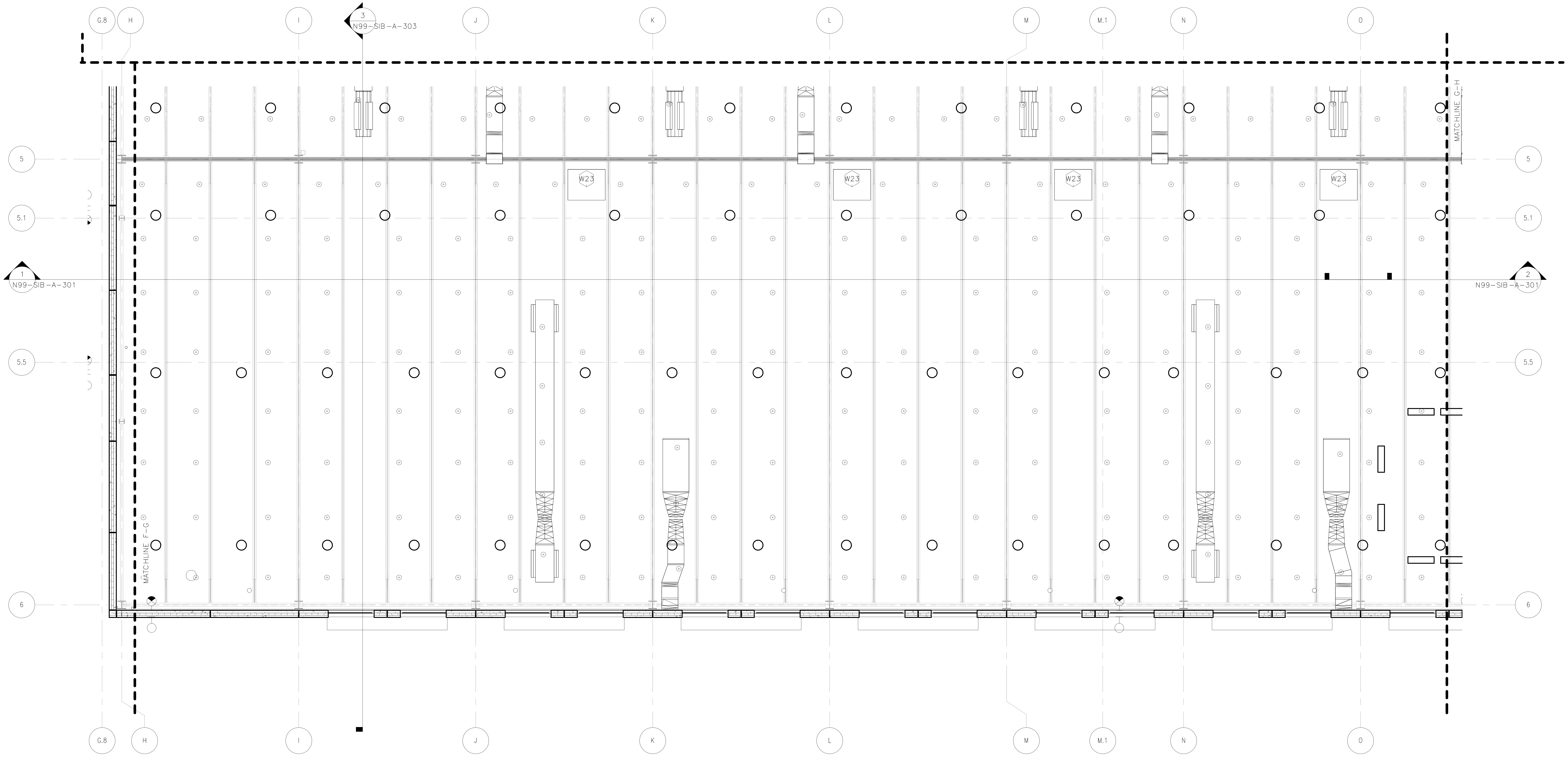
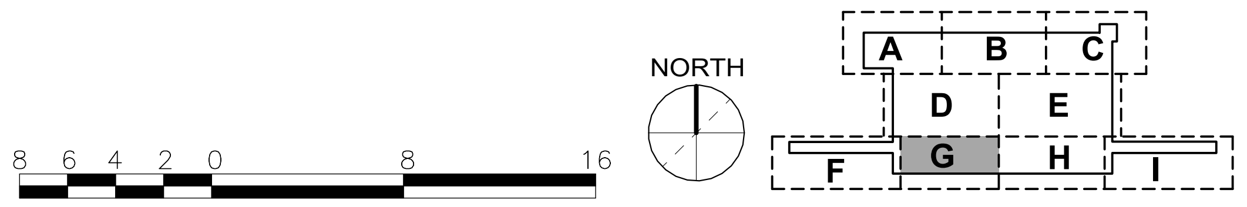


SEE SHEET A-164 FOR REFLECTED CEILING PLAN NOTES



ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR REFLECTED CEILING PLAN - AREA G

SCALE:
DRAWING NO.: N99-SIB-A-186

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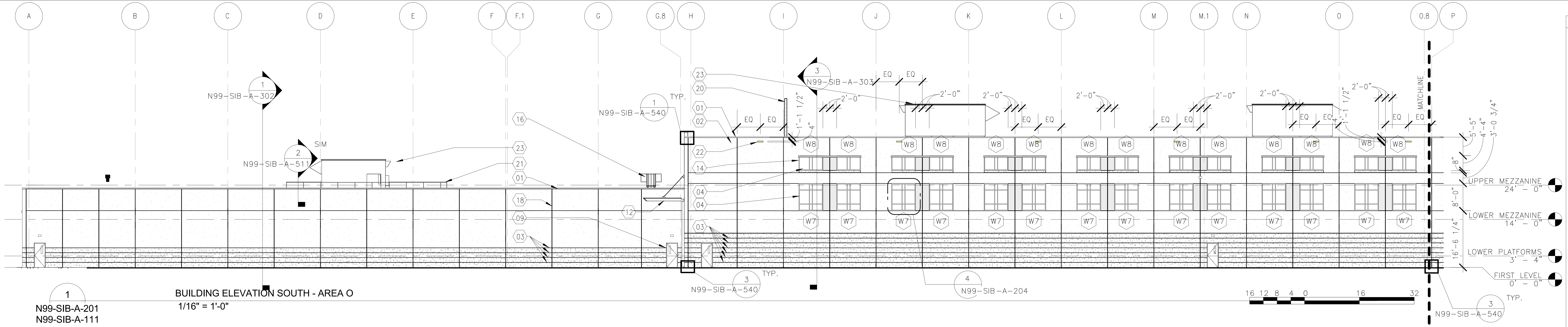
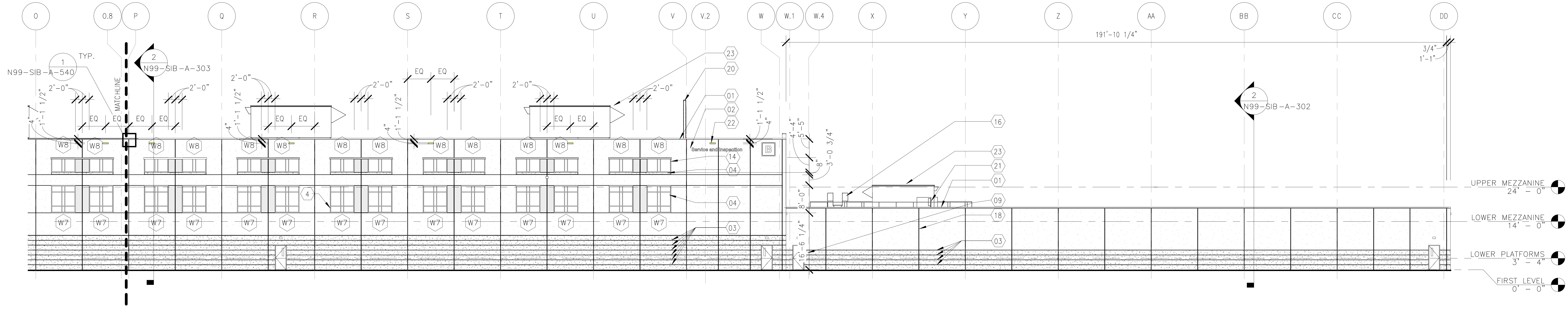
NOTE:ALL ELEVATION NOTICES ARE TYPICAL FOR ALL ELEVATION UNLESS OTHERWISE NOTICED



1
N99-SIB-A-201
N99-SIB-A-111

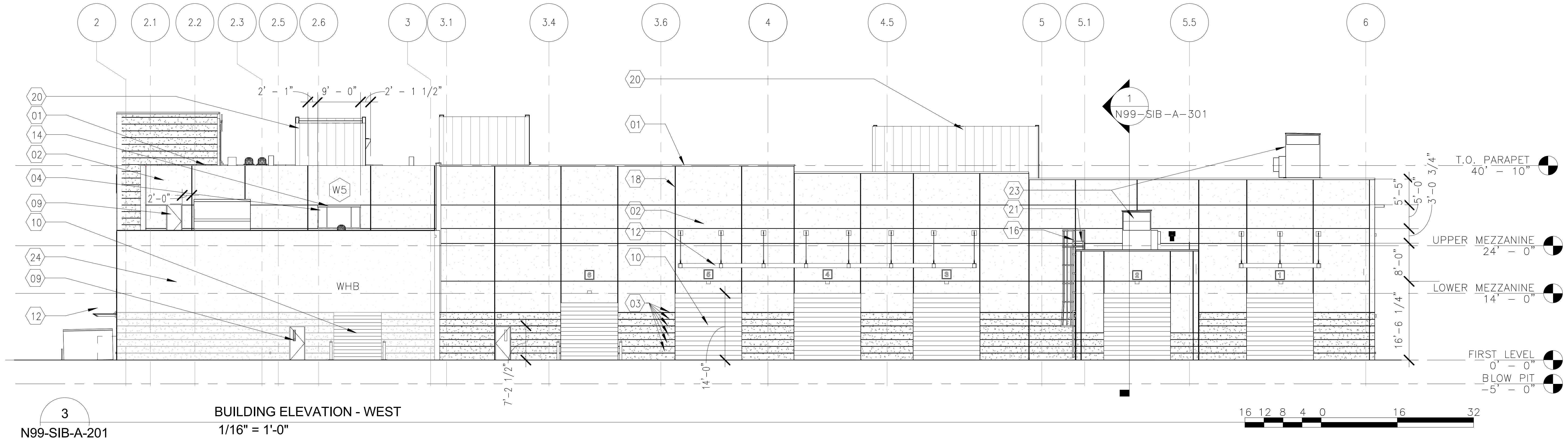
BUILDING ELEVATION SOUTH - AREA O
1/16" = 1'-0"



2
N99-SIB-A-201
N99-SIB-A-111

BUILDING ELEVATION SOUTH - AREA P
1/16" = 1'-0"

16 12 8 4 0 16 32



3
N99-SIB-A-201
N99-SIB-A-111

BUILDING ELEVATION - WEST
1/16" = 1'-0"

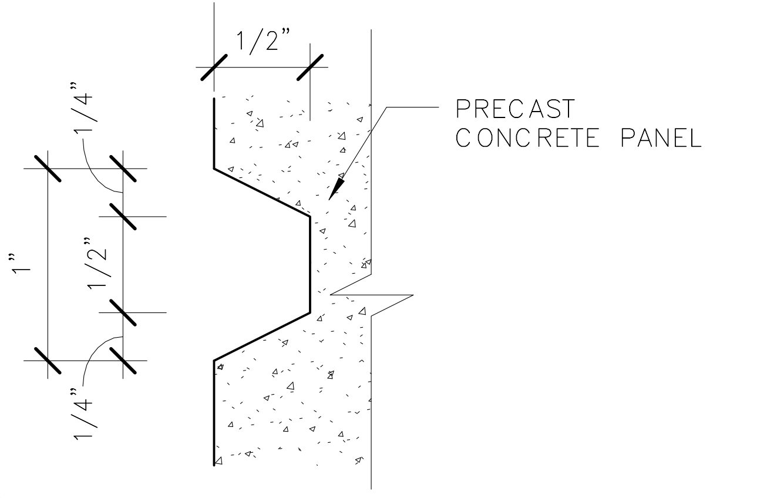
ELEVATION KEYNOTES

01) METAL COPING W/WOOD NAILERS SECURED TO TOP OF PRECAST WALL PANELS (TYPICAL)
02) PRECAST INSULATED WALL PANELS (TYPICAL)
03) 1" HIGH X 1/2" DEEP REVEALS (SEE DETAIL 5/A201)" (TYPICAL)
04) ALUMINUM STOREFRONT WINDOWS W/1" INSULATED GLAZING (TYPICAL)
06) ALUMINUM STOREFRONT CLERESTORY GLAZING (TYPICAL)
07) TO ALUMINUM STOREFRONT PANEL SECURED STRUCTURAL STEEL TUBE (TYPICAL)
08) ALUMINUM STOREFRONT DOOR (TYPICAL)
09) HOLLOW METAL DOOR AND FRAME PTD (TYPICAL)
10) COILING OVERHEAD DOOR (TYPICAL)
11) PERSONNEL DOOR CANOPY W/ADJUSTABLE SUSPENSION RODS (TYPICAL)
12) OVERHEAD DOOR CANOPY W/ADJUSTABLE SUSPENSION RODS (TYPICAL)
13) PLATFORM CANOPY STRUCTURAL TUBE SUPPORTED W/TUBE COLUMNS (SEE STRUCTURAL DRAWINGS) (TYPICAL)
14) METAL SUNSHADES (TYPICAL)
15) LOUVERS - PAINTED TO MATCH STOREFRONT SYSTEM-SEE MECHANICAL DRAWINGS (TYPICAL)
16) ROOF ACCESS LADDER-PAINTED TO MATCH STOREFRONT SYSTEM (TYPICAL)
17) EXPANSION JOINT COLOR TO MATCH PRECAST PANEL (TYPICAL)
18) 3/4" BACKER & SEALANT AT PRECAST PANEL JOINTS COLOR TO MATCH PRECAST PANEL(TYPICAL)
19) DOWNSPOUT AND GUTTER-PAINTED TO MATCH STOREFRONT SYSTEM (TYPICAL)
20) FLUSH PANEL EQUIPMENT ROOF SCREEN W/24 GA. 12 WIDTH- PREMANUFACTURED KYNAR FINISH TO MATCH STOREFRONT SYSTEM(SEE STRUCTURAL DRAWINGS FOR SUPPORTS) (TYPICAL)
21) FIXED GUARD RAIL SYSTEM @ ROOF SECURED FOR FALL PROTECTION (TYPICAL)
22) SCUPPER - PREMANUFACTURED KYNAR FINISH TO MATCH STOREFRONT SYSTEM (TYPICAL) 4" HIGH BY 20" WIDE
23) RTU-SEE MECHANICAL DWG'S (TYPICAL)
24) 7 5/8" X 7 5/8" X 15 5/8" CMU BLOCK PAINTED (TYPICAL)
25) FIXED GUARD RAIL SYSTEM FOR FALL PROTECTION (19" SPHERE) COLOR TO BE SAFETY YELLOW (TYPICAL)
26) ROOF HATCH

FINISHES

☐ CONC - 1
▨ CONC - 2
▩ CONC - 3

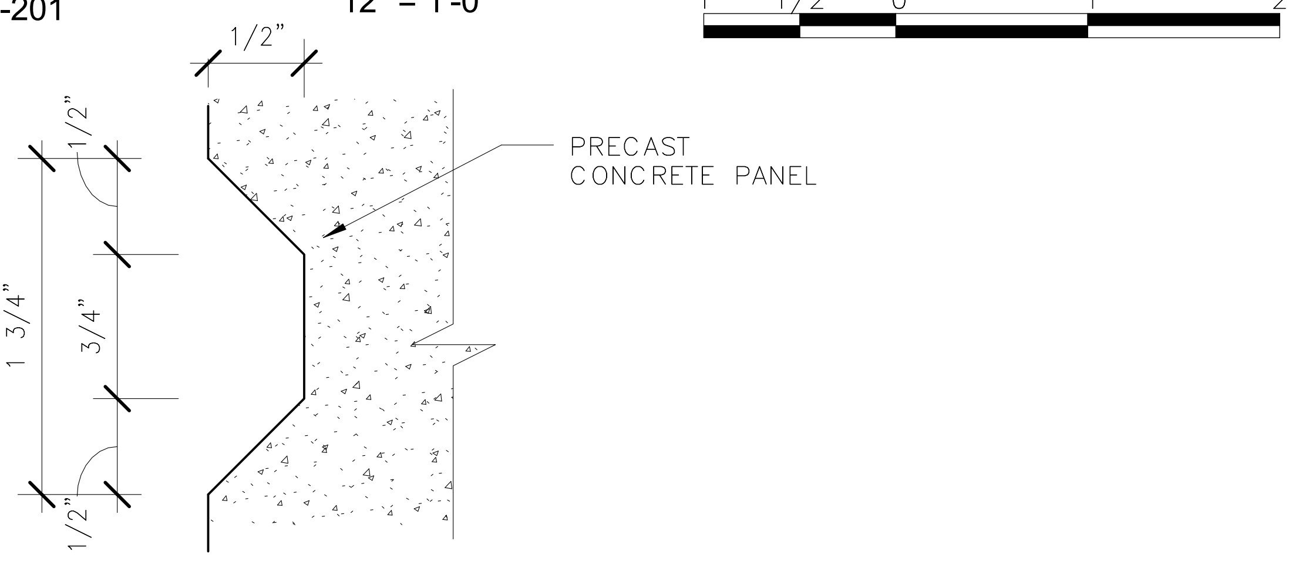
NOTE : SEE FINISH SAMPLES BINDER FOR FINISH INFORMATION



5
N99-SIB-A-201

TYPICAL HORIZONTAL REVEAL PROFILE
12" = 1'-0"

1 1/2 0 1 2



6
N99-SIB-A-201

TYPICAL VERTICAL REVEAL PROFILE
12" = 1'-0"

1 1/2 0 1 2

ORIGINATORS

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - BUILDING EXTERIOR ELEVATIONS

SCALE: 1/16" = 1'-0"
DRAWING NO.: N99-SIB-A-201

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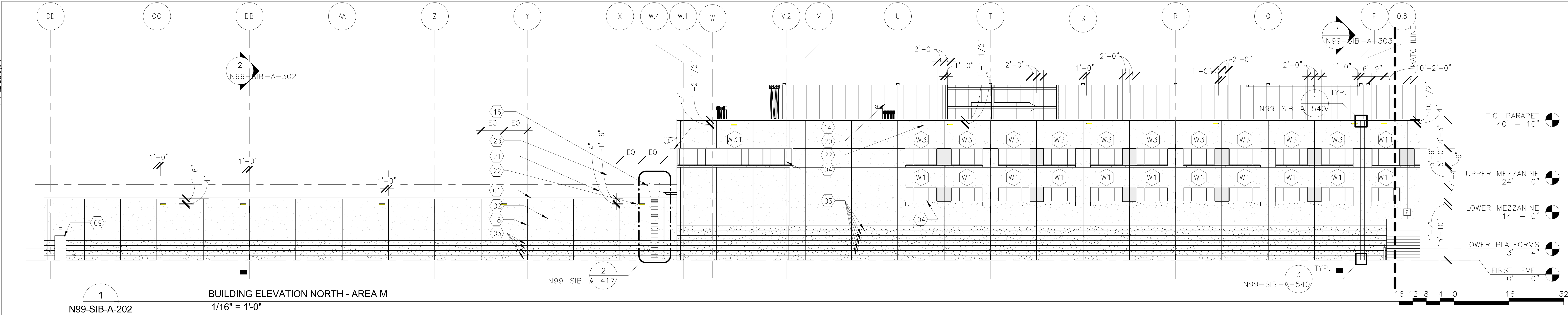
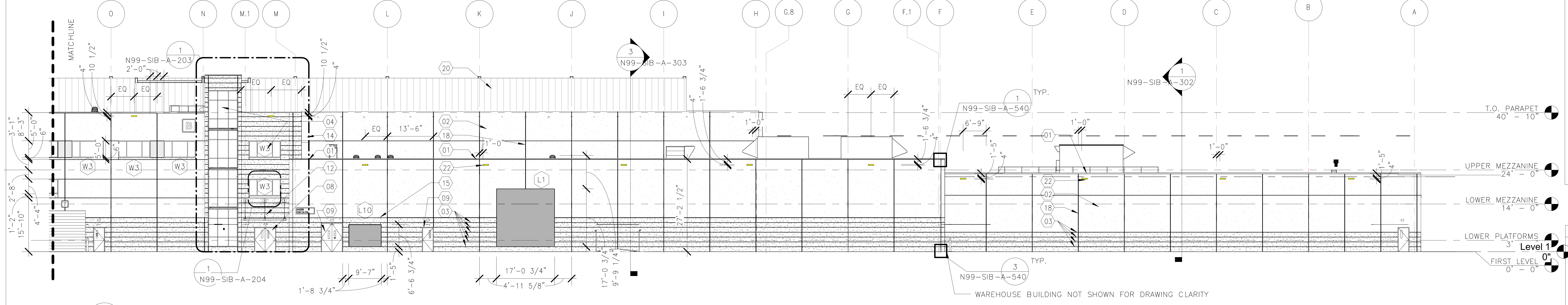
NOTE: ALL ELEVATION NOTICES ARE TYPICAL FOR ALL ELEVATION UNLESS OTHERWISE NOTICED



1 BUILDING ELEVATION NORTH - AREA M

N99-SIB-A-202
N99-SIB-A-111

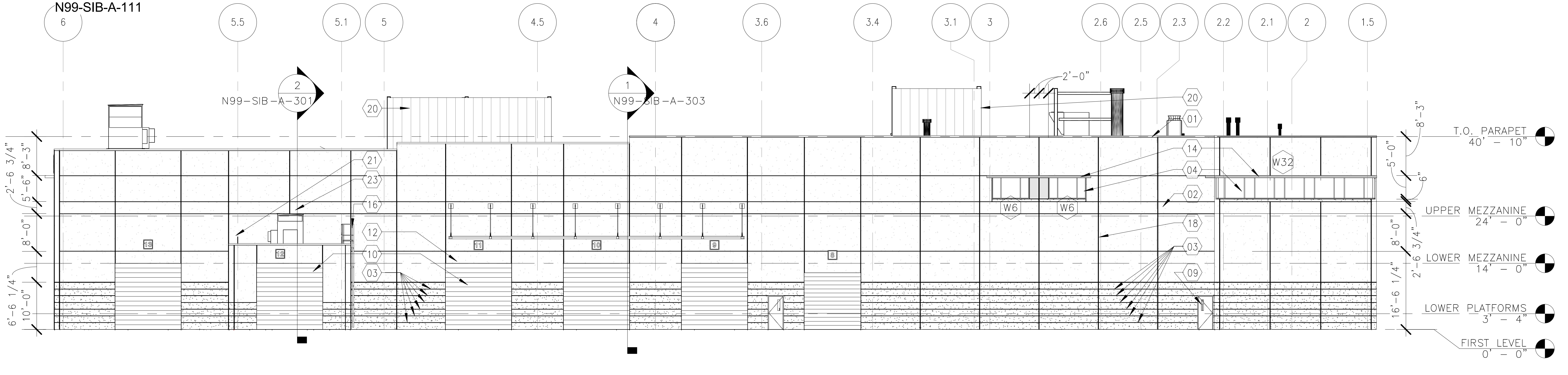
1/16" = 1'-0"



2 BUILDING ELEVATION NORTH - AREA N

N99-SIB-A-202
N99-SIB-A-111

1/16" = 1'-0"

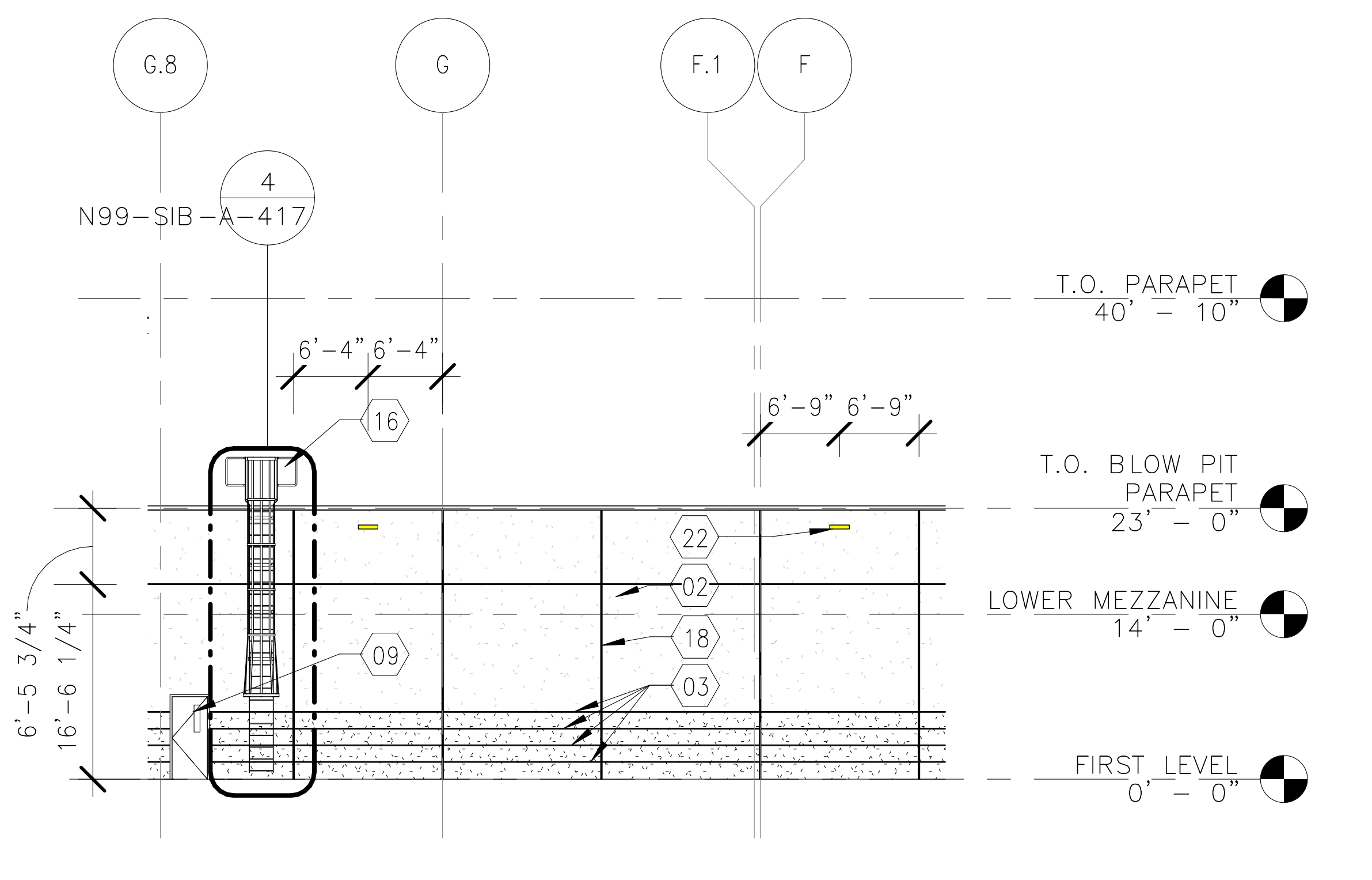


3 BUILDING ELEVATION - EAST

N99-SIB-A-202
N99-SIB-A-111

1/16" = 1'-0"

16 12 8 4 0 16 32



4 PARTIAL ELEVATION - NORTH SIDE BLOW PIT

N99-SIB-A-202
N99-SIB-A-111

1/16" = 1'-0"

16 12 8 4 0 16 32

ELEVATION KEYNOTES

01)	METAL COPING W/WOOD NAILERS SECURED TO TOP OF PRECAST WALL PANELS (TYPICAL)
02)	PRECAST INSULATED WALL PANELS (TYPICAL)
03)	1"x1" REVEALS (SEE DETAIL 5/A201)" (TYPICAL)
04)	ALUMINUM STOREFRONT WINDOWS W/1" INSULATED GLAZING (TYPICAL)
06)	ALUMINUM STOREFRONT CLERESTORY GLAZING (TYPICAL)
07) TO	ALUMINUM STOREFRONT PANEL SECURED STRUCTURAL STEEL TUBE (TYPICAL)
08)	ALUMINUM STOREFRONT DOOR (TYPICAL)
09)	HOLLOW METAL DOOR AND FRAME PTD (TYPICAL)
10)	COILING OVERHEAD DOOR (TYPICAL)
11)	PERSONNEL DOOR CANOPY W/ADJUSTABLE SUSPENSION RODS (TYPICAL)
12)	OVERHEAD DOOR CANOPY W/ADJUSTABLE SUSPENSION RODS (TYPICAL)
13)	PLATFORM CANOPY STRUCTURAL TUBE SUPPORTED W/TUBE COLUMNS (SEE STRUCTURAL DRAWINGS) (TYPICAL)
14)	METAL SUNSHADES (TYPICAL)
15)	LOUVERS - PAINTED TO MATCH STOREFRONT SYSTEM-SEE MECHANICAL DRAWINGS (TYPICAL)
16)	ROOF ACCESS LADDER-PAINTED TO MATCH STOREFRONT SYSTEM (TYPICAL)
17)	EXPANSION JOINT COLOR TO MATCH PRECAST PANEL (TYPICAL)
18)	3/4" BACKER & SEALANT AT PRECAST PANEL JOINTS COLOR TO MATCH PRECAST PANEL(TYPICAL)
19)	DOWNSPOUT AND GUTTER-PAINTED TO MATCH STOREFRONT SYSTEM (TYPICAL)
20)	FLUSH PANEL EQUIPMENT ROOF SCREEN W/24 GA. 12 WIDTH- PREMANUFACTURED KYNAR FINISH TO MATCH STOREFRONT SYSTEM(SEE STRUCTURAL DRAWINGS FOR SUPPORTS) (TYPICAL)
21)	FIXED GUARD RAIL SYSTEM @ ROOF SECURED TO ROOF PARAPET FOR FALL PROTECTION (TYPICAL)
22)	SCUPPER - PREMANUFACTURED KYNAR FINISH TO MATCH STOREFRONT SYSTEM (TYPICAL)
23)	RTU-SEE MECHANICAL DWG'S (TYPICAL)
24)	7 5/8" X 7 5/8" X 15 5/8" CMU BLOCK PAINTED (TYPICAL)
25)	FIXED GUARD RAIL SYSTEM FOR FALL PROTECTION (19" SPHERE) COLOR TO BE SAFETY YELLOW (TYPICAL)
26)	ROOF HATCH

FINISHES

☐	CONC-1
▨	CONC-2
▨	CONC-3

NOTE : SEE FINISH SAMPLES BINDER FOR FINISH INFORMATION

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

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MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

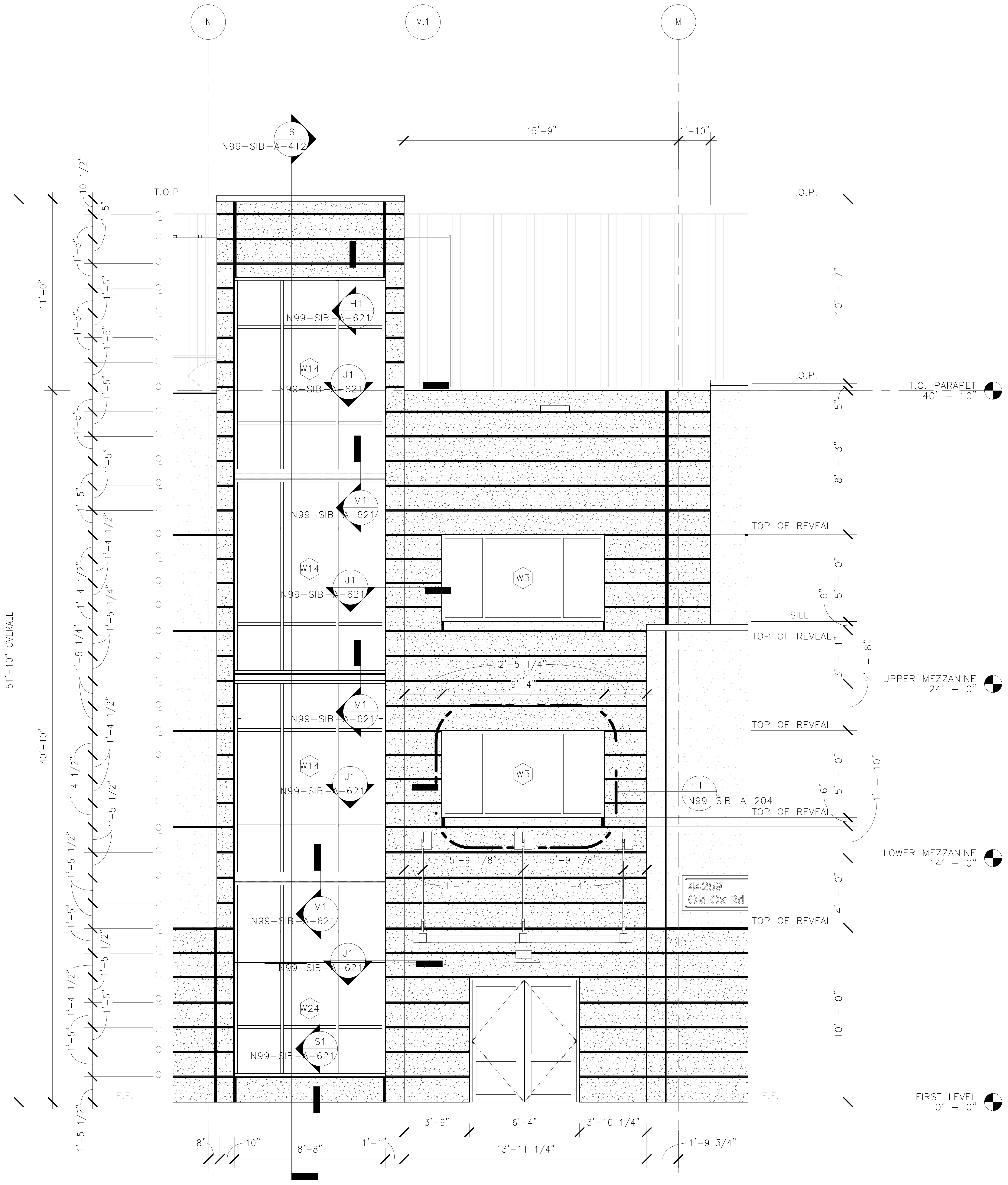
RAIL YARD AND MAINTENANCE FACILITY

SIB - BUILDING EXTERIOR ELEVATIONS

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

DRAWING NO.: N99-SIB-A-202

NOTE:ALL ELEVATION NOTICES ARE TYPICAL
FOR ALL ELEVATION UNLESS OTHERWISE NOTICED



1
N99-SIB-A-203
N99-SIB-A-202

STAIR TOWER ELEVATION
1/4" = 1'-0"

4 3 2 1 0 4 8

ELEVATION KEYNOTES

01)	METAL COPING W/WOOD NAILERS SECURED TO TOP OF PRECAST WALL PANELS (TYPICAL)
02)	PRECAST INSULATED WALL PANELS (TYPICAL)
03)	1"X1 1/2" REVEALS (SEE DETAIL 5/A201)" (TYPICAL)
04)	ALUMINUM STOREFRONT WINDOWS W/1" INSULATED GLAZING (TYPICAL)
05)	ALUMINUM STOREFRONT CLERESTORY WINDOWS W/1" INSULATED GLAZING (TYPICAL)
06)	ALUMINUM STOREFRONT CLERESTORY GLAZING (TYPICAL)
07)	ALUMINUM STOREFRONT PANEL SECURED TO STRUCTURAL STEEL TUBE (TYPICAL)
08)	ALUMINUM STOREFRONT DOOR (TYPICAL)
09)	HOLLOW METAL DOOR AND FRAME PTD (TYPICAL)
10)	COILING OVERHEAD DOOR (TYPICAL)
11)	PERSONNEL DOOR CANOPY W/ADJUSTABLE SUSPENSION RODS (TYPICAL)
12)	OVERHEAD DOOR CANOPY W/ADJUSTABLE SUSPENSION RODS (TYPICAL)
13)	PLATFORM CANOPY STRUCTURAL TUBE SUPPORTED W/TUBE COLUMNS (SEE STRUCTURAL DRAWINGS) (TYPICAL)
14)	METAL SUNSHADES (TYPICAL)
15)	LOUVERS – PAINTED TO MATCH STOREFRONT SYSTEM–SEE MECHANICAL DRAWINGS (TYPICAL)
16)	ROOF ACCESS LADDER–PAINTED TO MATCH STOREFRONT SYSTEM (TYPICAL)
17)	EXPANSION JOINT COLOR TO MATCH PRECAST PANEL (TYPICAL)
18)	3/4" BACKER & SEALANT AT PRECAST PANEL JOINTS COLOR TO MATCH PRECAST PANEL(TYPICAL)
19)	DOWNSPOUT AND GUTTER–PAINTED TO MATCH STOREFRONT SYSTEM (TYPICAL)
20)	FLUSH PANEL EQUIPMENT ROOF SCREEN W/24 GA. 12 WIDTH– PREMANUFACTURED KYNAR FINISH TO MATCH STOREFRONT SYSTEM(SEE STRUCTURAL DRAWINGS FOR SUPPORTS) (TYPICAL)
21)	FIXED GUARD RAIL SYSTEM @ ROOF SECURED TO ROOF PARAPET FOR FALL PROTECTION (TYPICAL)
22)	SCUPPER – PREMANUFACTURED KYNAR FINISH TO MATCH STOREFRONT SYSTEM (TYPICAL) 4" HIGH BY 20" WIDE
23)	RTU–SEE MECHANICAL DWG'S (TYPICAL)
24)	7 5/8" X 7 5/8" X 15 5/8" CMU BLOCK PAINTED (TYPICAL)
25)	FIXED GUARD RAIL SYSTEM FOR FALL PROTECTION (19" SPHERE) COLOR TO BE SAFETY YELLOW (TYPICAL)
26)	ROOF HATCH

FINISHING

☐	CONC–1
▨	CONC–2
▩	CONC–3

NOTE : SEE FINISH SAMPLES BINDER FOR FINISH INFORMATION

NOTE:
SEE SHEET A–622 FOR WINDOWS DETAILS

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

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MARK LAWRENCE GIULIANI
No. 011155

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - STAIR TOWER ELEVATION

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

DRAWING NO.: N99-SIB-A-203

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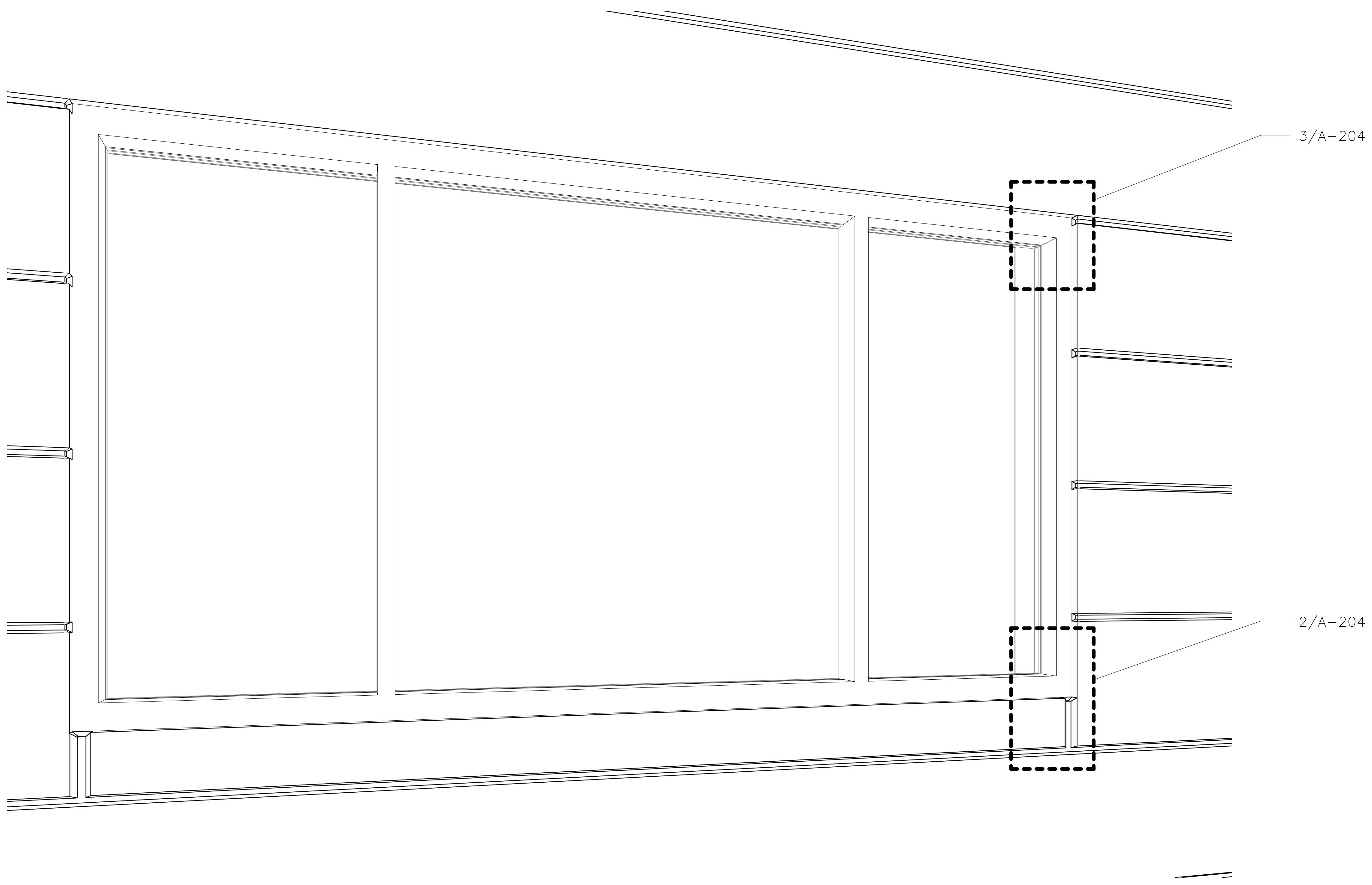

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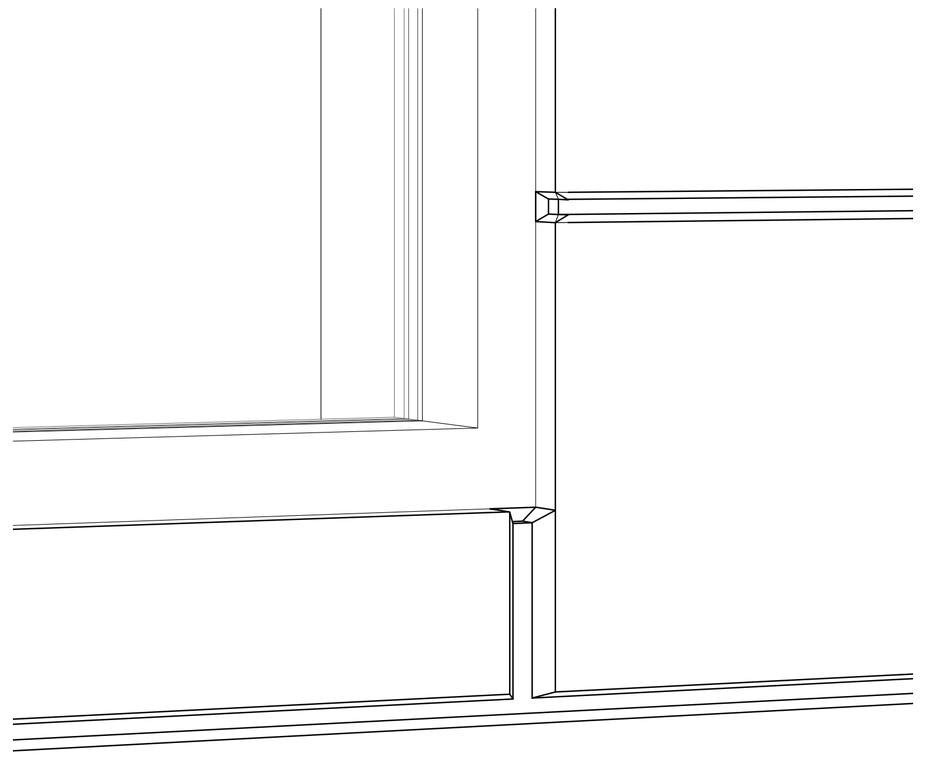
WINDOW PERSPECTIVE



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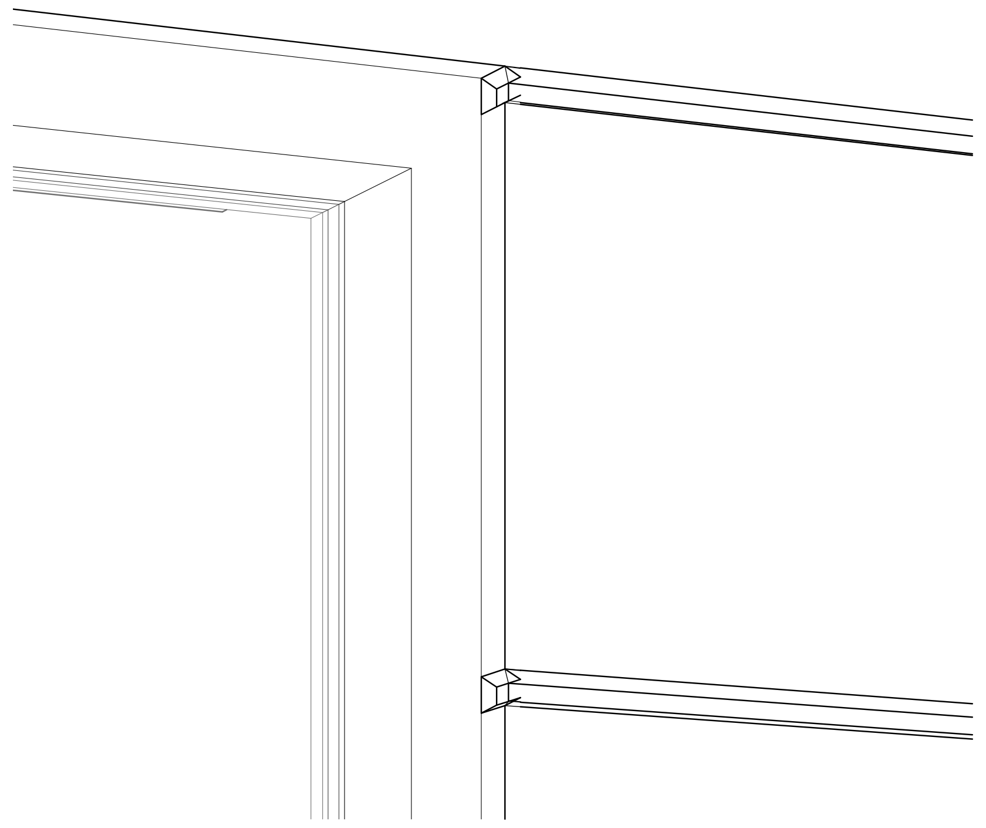
WINDOW SILL DETAIL



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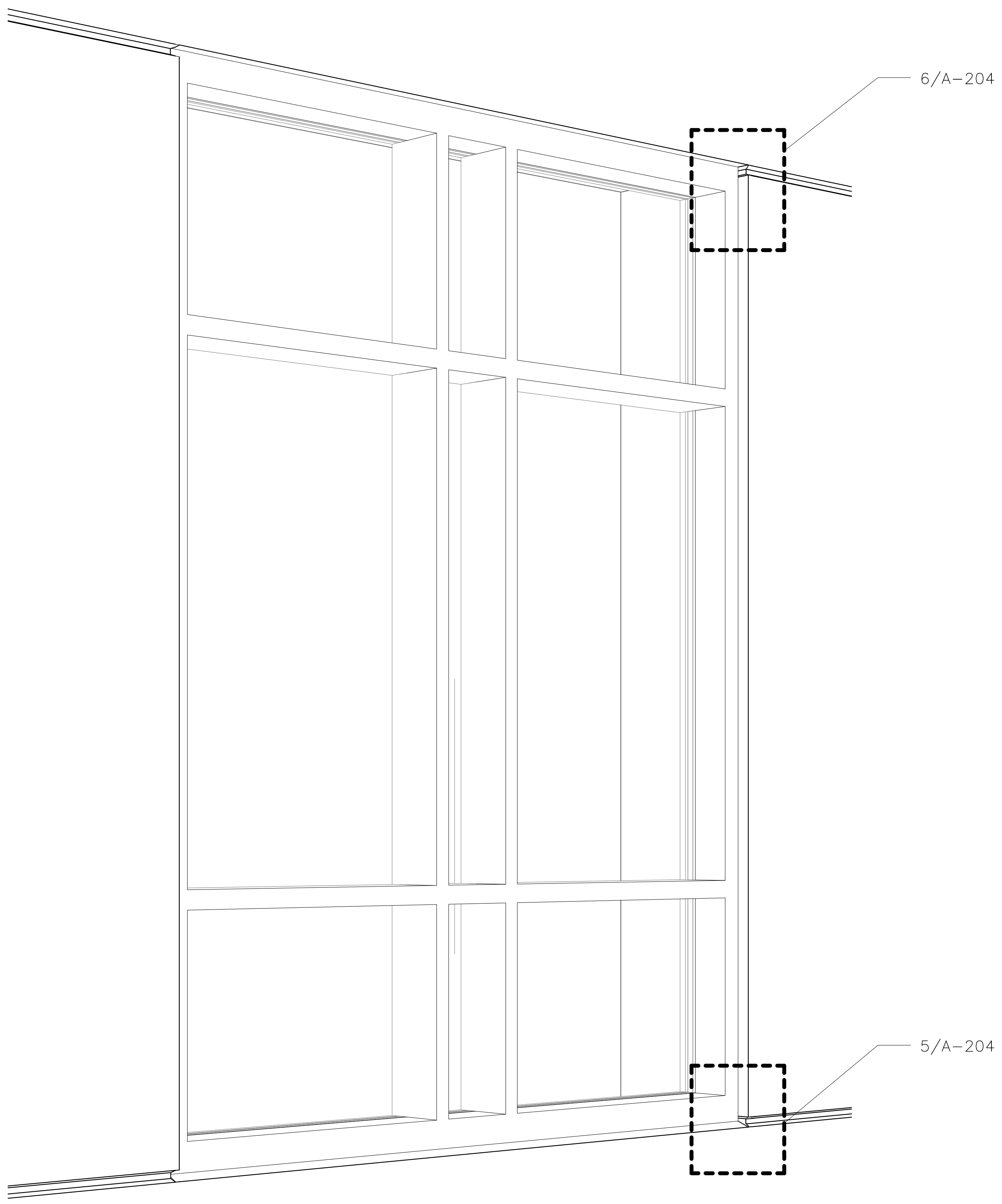
WINDOW HEAD DETAIL



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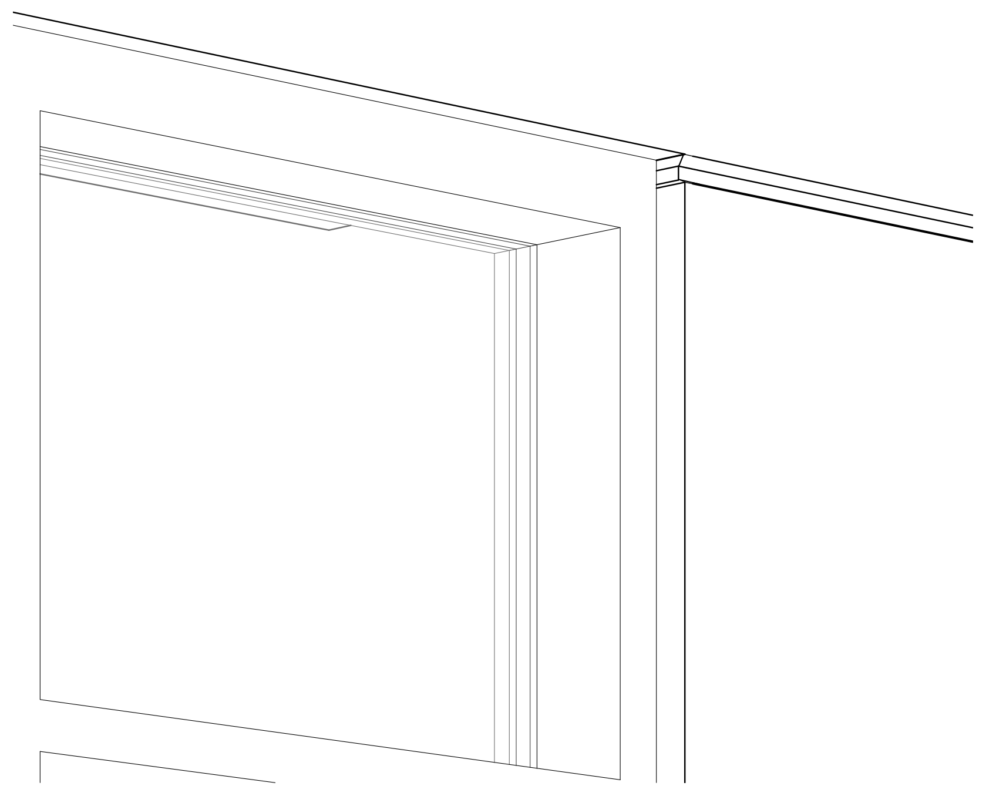
WINDOW PERSPECTIVE



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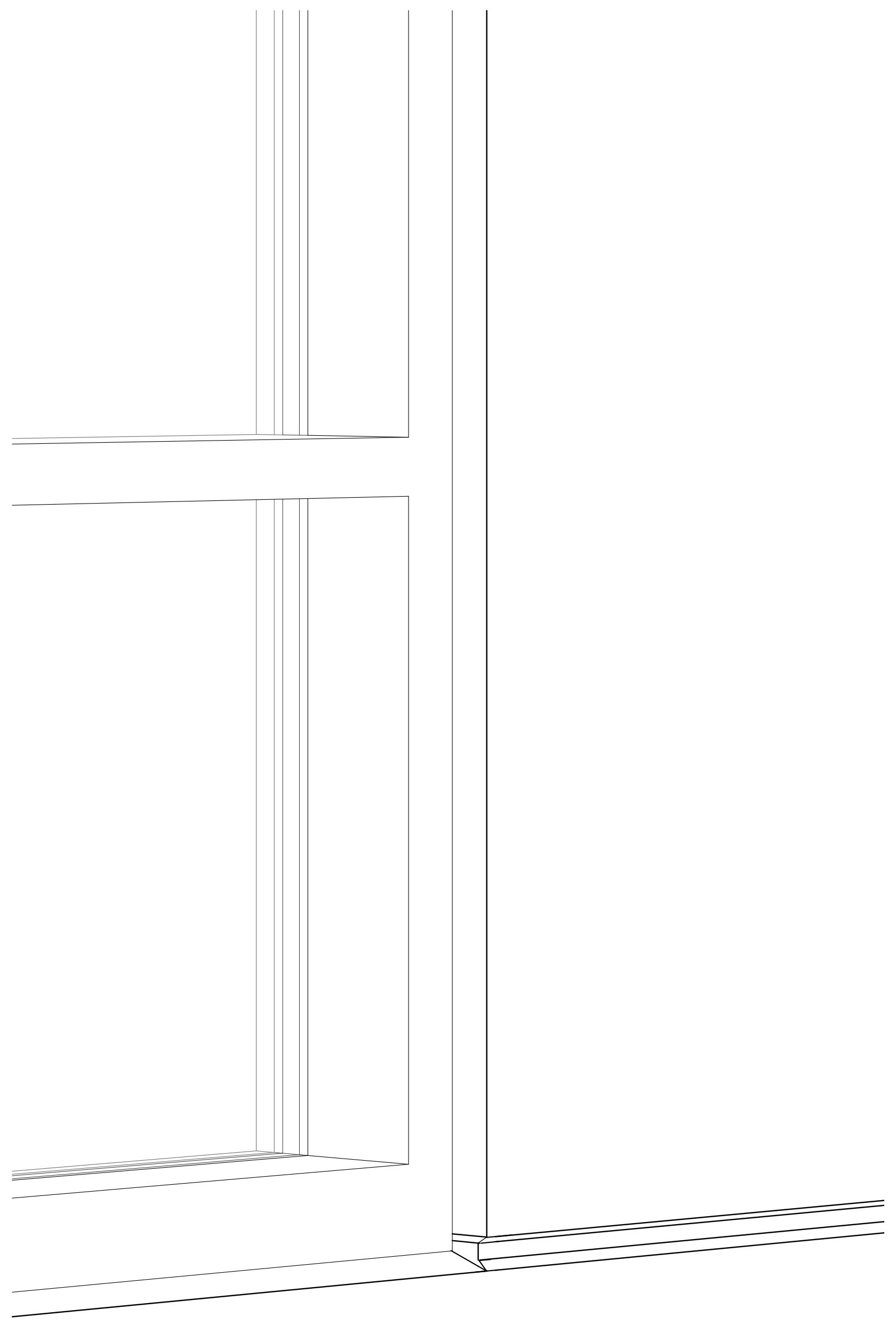
WINDOW HEAD DETAIL



5
N99-SIB-A-204
WINDOW SILL DETAIL

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ELEVATION DETAILS

SCALE:
DRAWING NO.: N99-SIB-A-204

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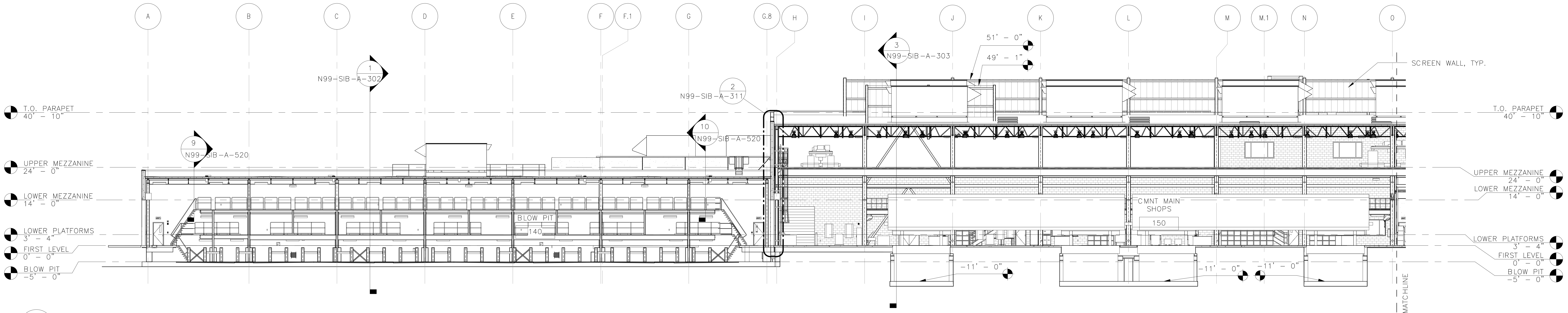
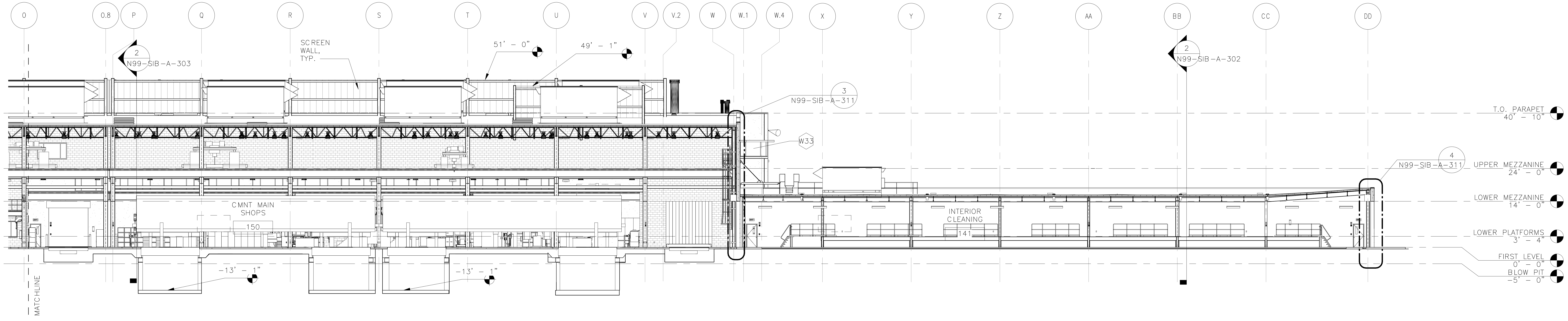


1
N99-SIB-A-301
N99-SIB-A-111
N99-SIB-A-201

BUILDING THRU SECTION
1/16" = 1'-0"



2
N99-SIB-A-301
N99-SIB-A-111
N99-SIB-A-202

BUILDING THRU SECTION
1/16" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - BUILDING THRU SECTIONS

SCALE: 1/16" = 1'-0"
DRAWING NO.: N99-SIB-A-301

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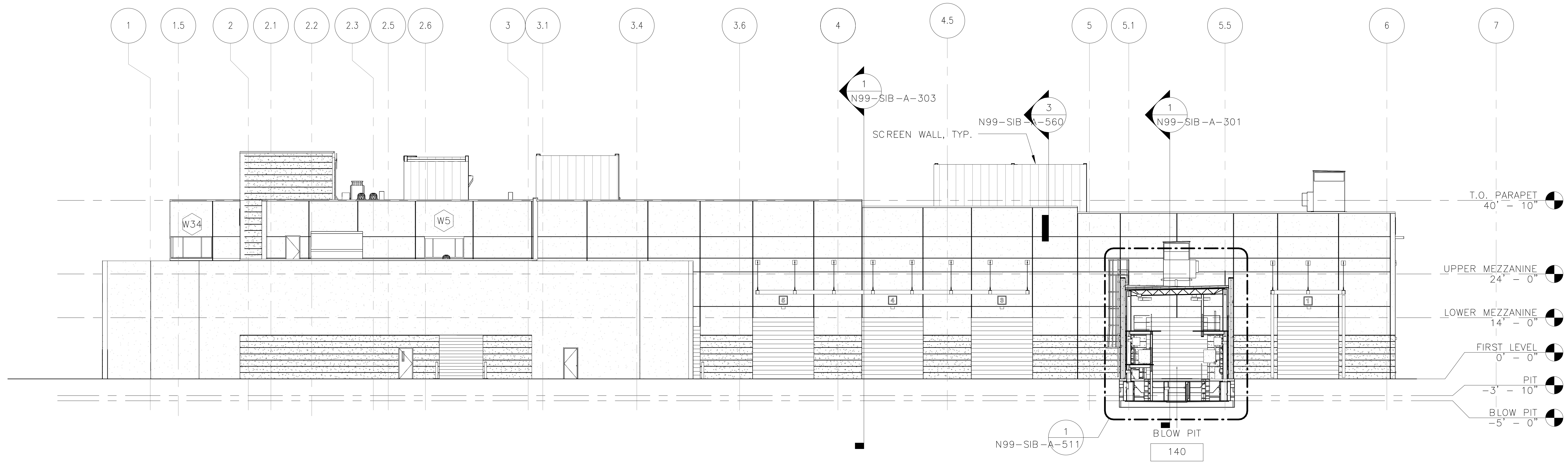
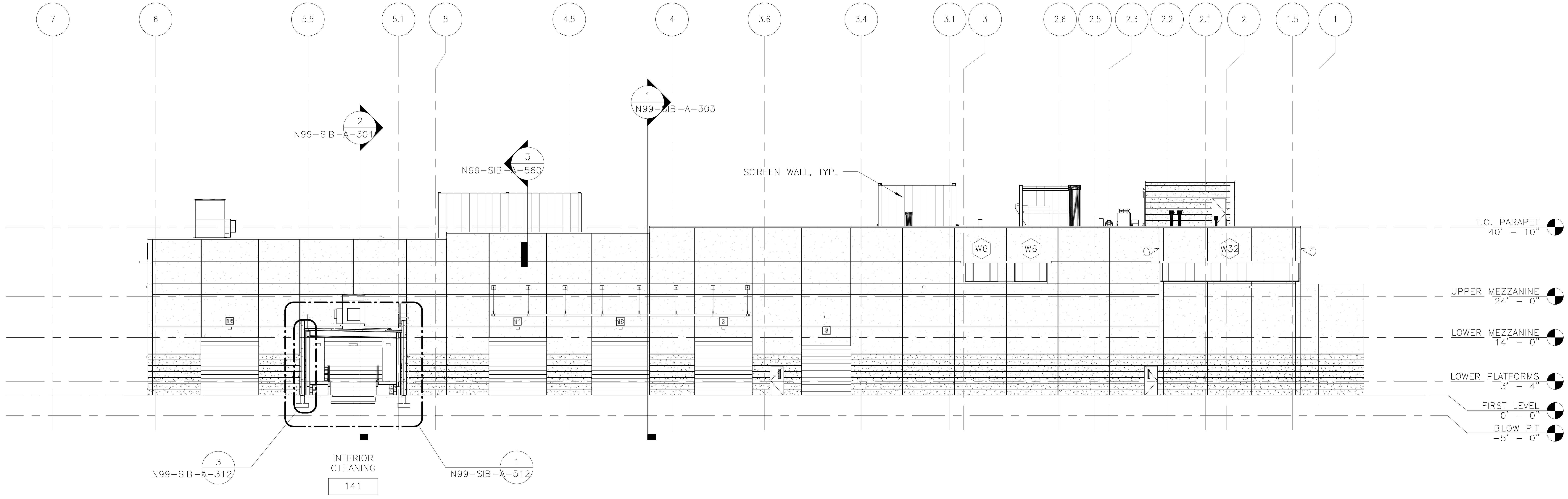


1
N99-SIB-A-302
N99-SIB-A-111
N99-SIB-A-201
N99-SIB-A-202

BUILDING THRU SECTION
1/16" = 1'-0"

16 12 8 4 0 16 32



2
N99-SIB-A-302
N99-SIB-A-111
N99-SIB-A-201
N99-SIB-A-202

BUILDING THRU SECTION
1/16" = 1'-0"

16 12 8 4 0 16 32

2/16/2017 5:07:19 PM

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE
GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON
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metro
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AREA TRANSIT AUTHORITY

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METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.:
8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - BUILDING THRU SECTIONS

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

DRAWING NO.:
N99-SIB-A-302

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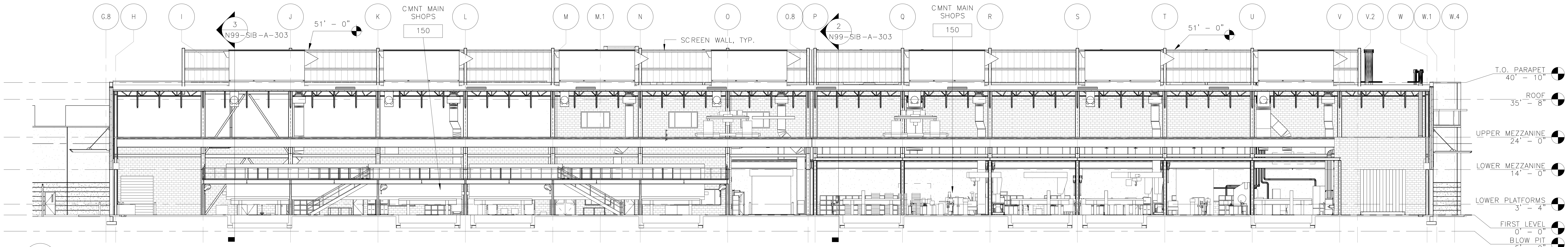
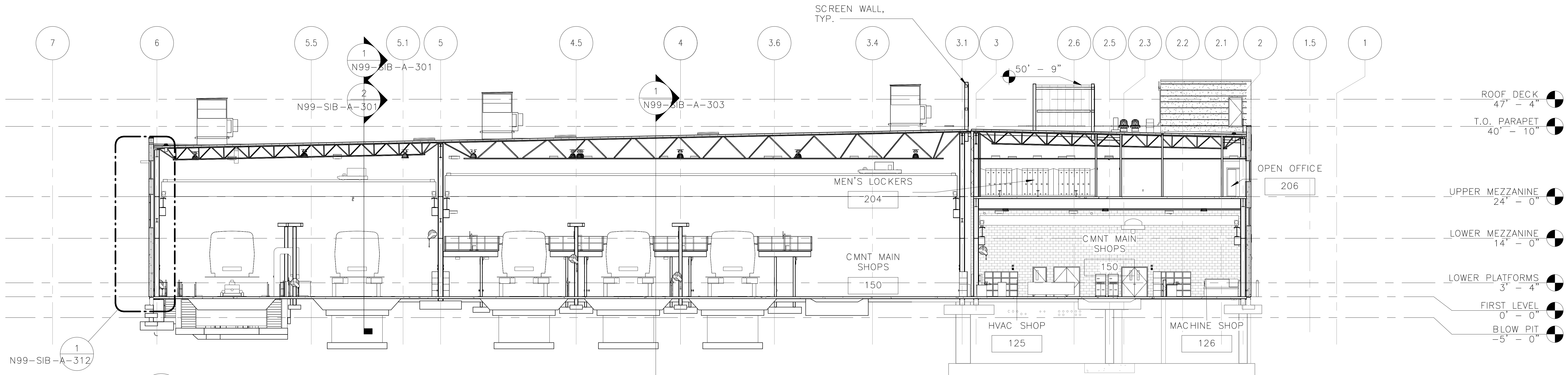


1

N99-SIB-A-303
N99-SIB-A-111
N99-SIB-A-115
N99-SIB-A-116
N99-SIB-A-201
N99-SIB-A-202

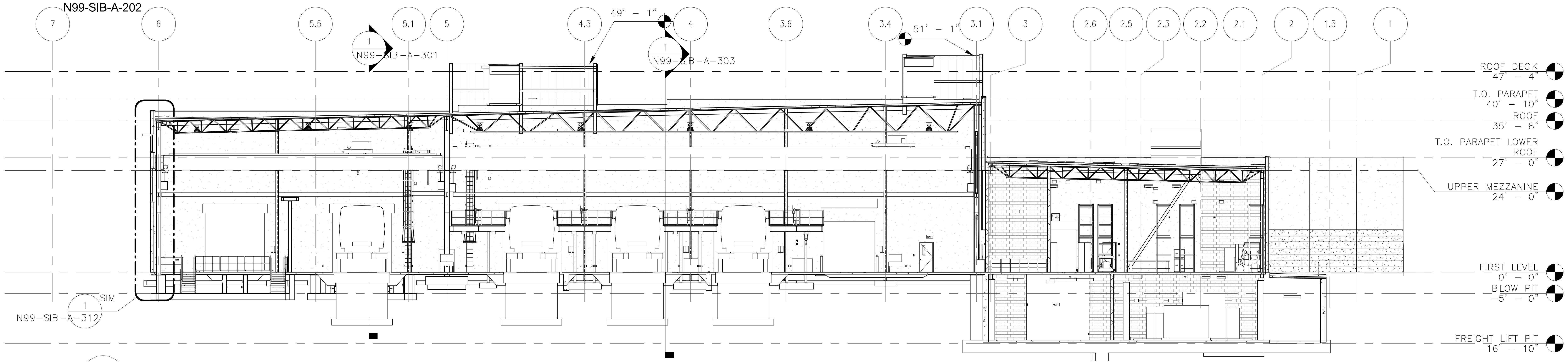
BUILDING SECTION - THRU CMNT MAIN SHOPS
1/16" = 1'-0"



2

N99-SIB-A-303
N99-SIB-A-111
N99-SIB-A-201
N99-SIB-A-202

BUILDING SECTION - THRU SHOPS
1/16" = 1'-0"



3

N99-SIB-A-303
N99-SIB-A-111
N99-SIB-A-201
N99-SIB-A-202

BUILDING SECTION - THRU BASEMENT
1/16" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

MARK LAWRENCE GIULIANI
No. 011155
20 FEB 17

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ASSOCIATES ARCHITECTS

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HENSEL PHELPS
Plan. Build. Manage.

M metro
WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

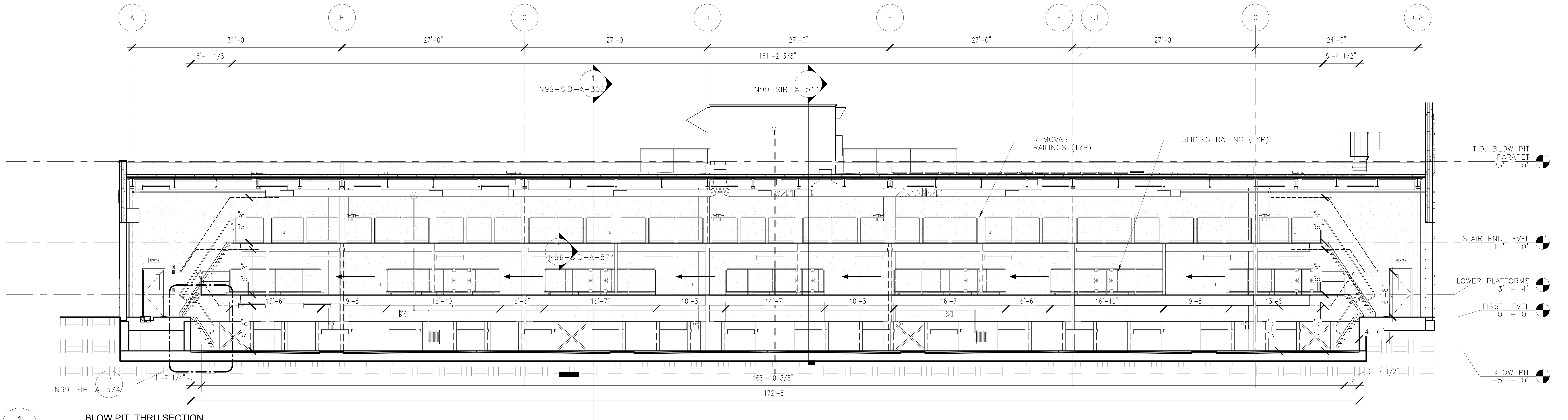
DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

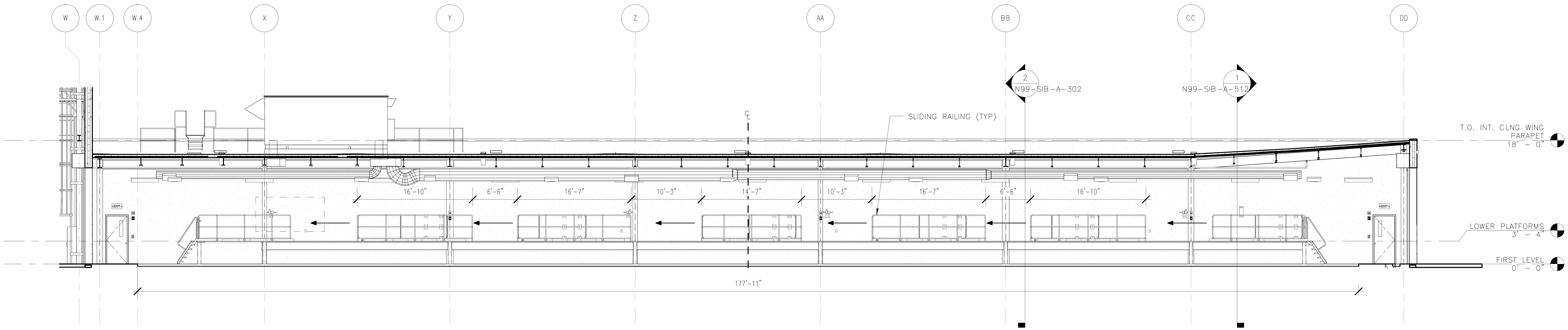
SIB - BUILDING THRU SECTIONS

SCALE: 1/16" = 1'-0"
DRAWING NO.: N99-SIB-A-303



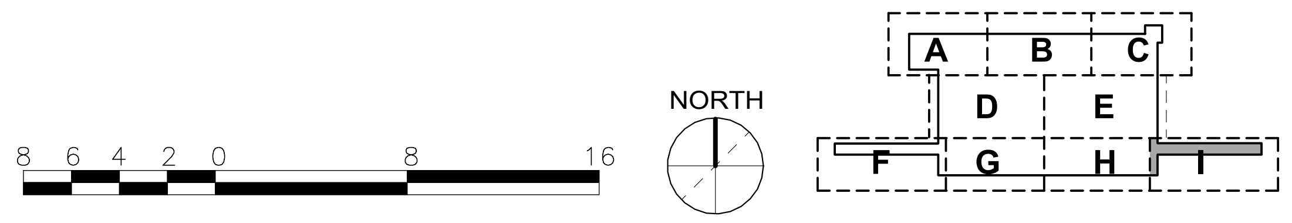
1
N99-SIB-A-304
N99-SIB-A-120

BLOW PIT THRU SECTION
1/8" = 1'-0"



2
N99-SIB-A-304
N99-SIB-A-120

INTERIOR CLEANING THRU SECTION
1/8" = 1'-0"



ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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No. 011155

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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

BLOW PIT / INTERIOR ELEVATIONS

SCALE:

DRAWING NO.: N99-SIB-A-304

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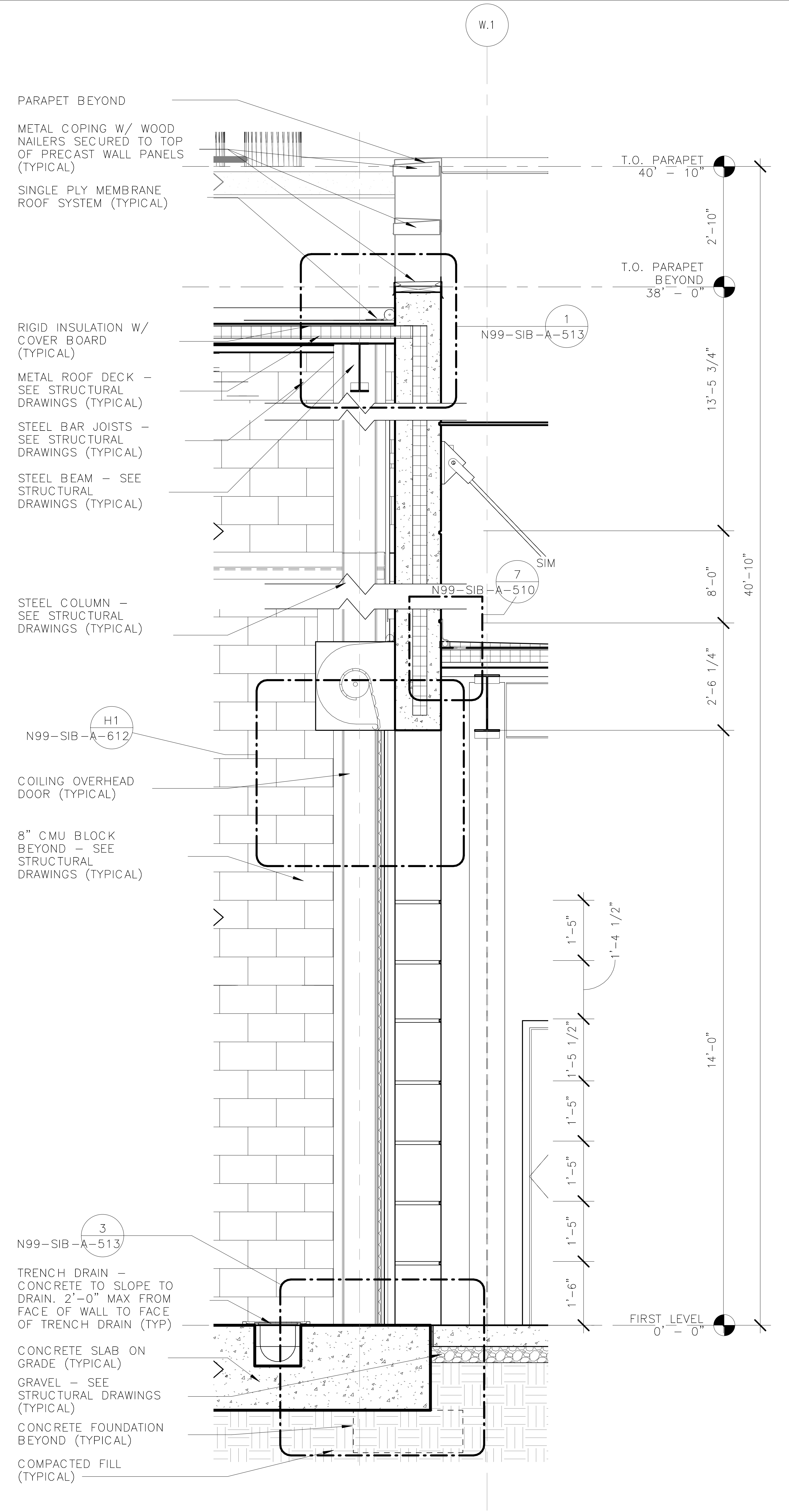
NOTE: ALL WALL SECTION NOTES ARE TYPICAL FOR ALL WALL SECTIONS UNLESS OTHERWISE NOTED



1
N99-SIB-A-311
N99-SIB-A-115

WALL SECTION 1
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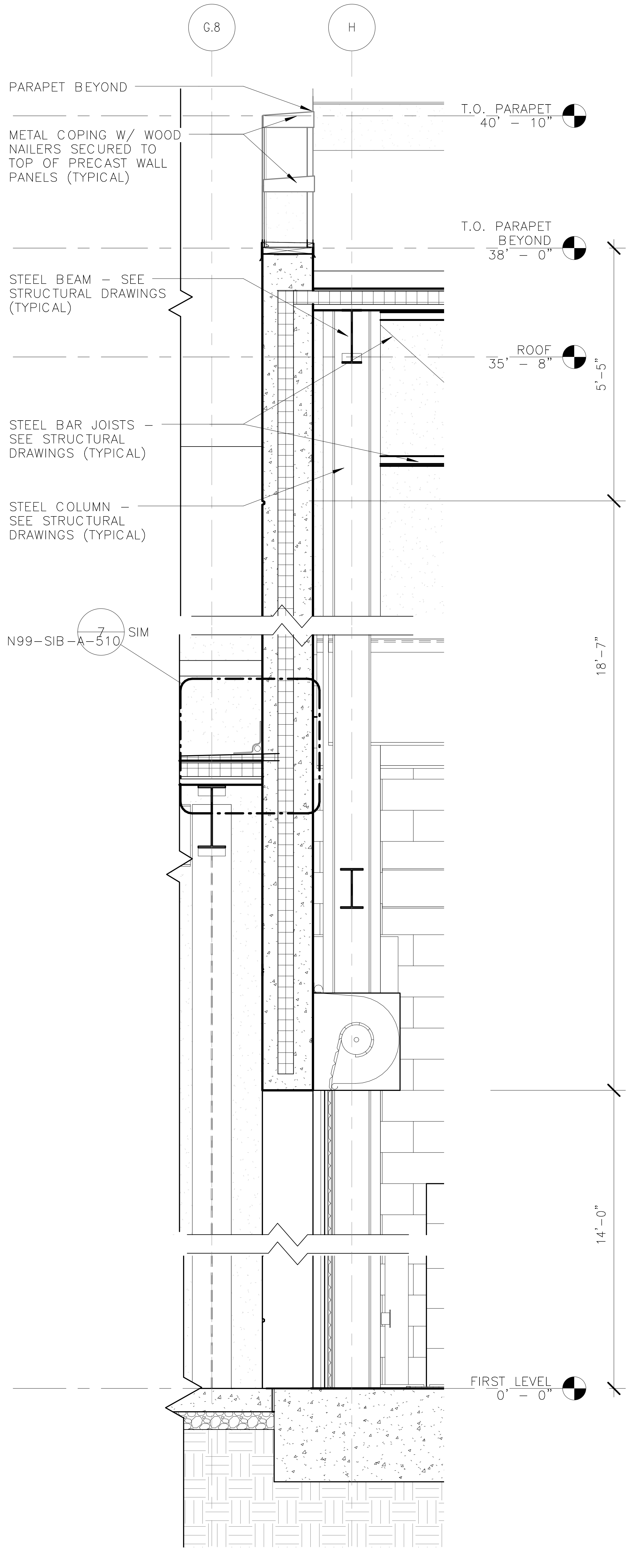
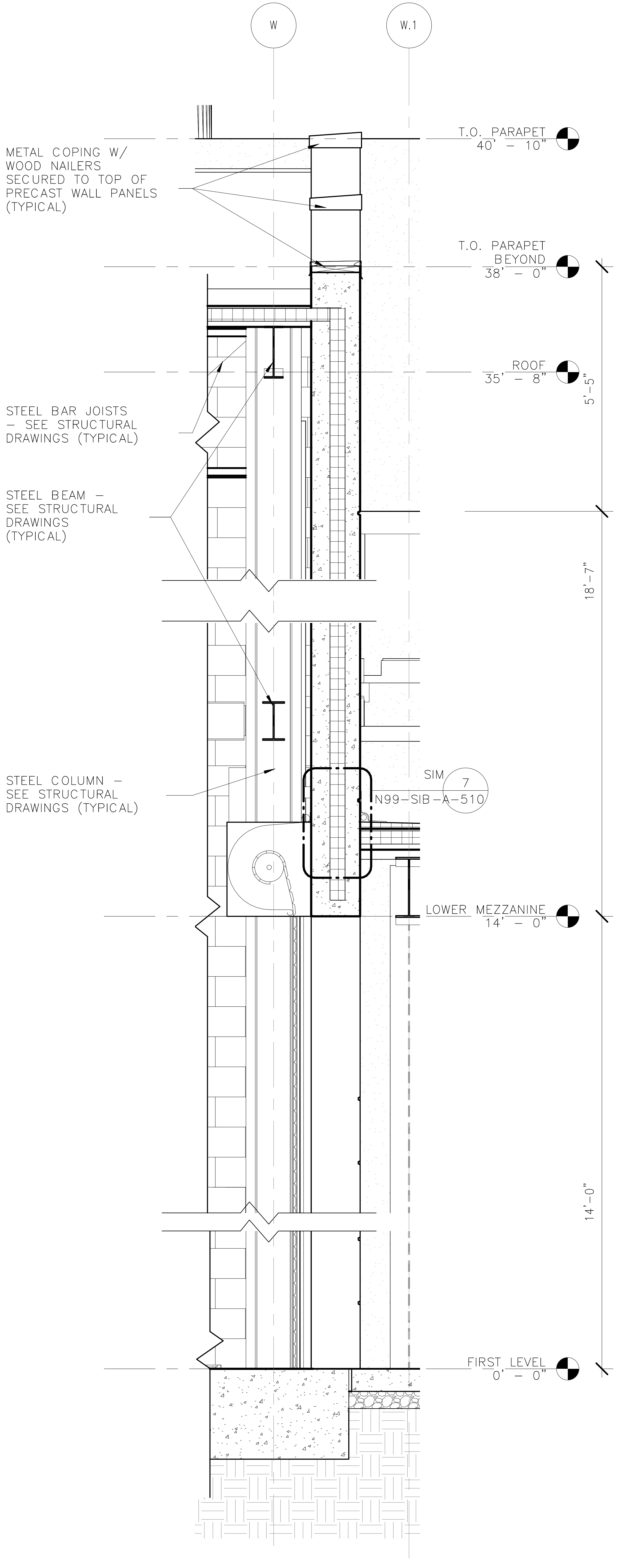


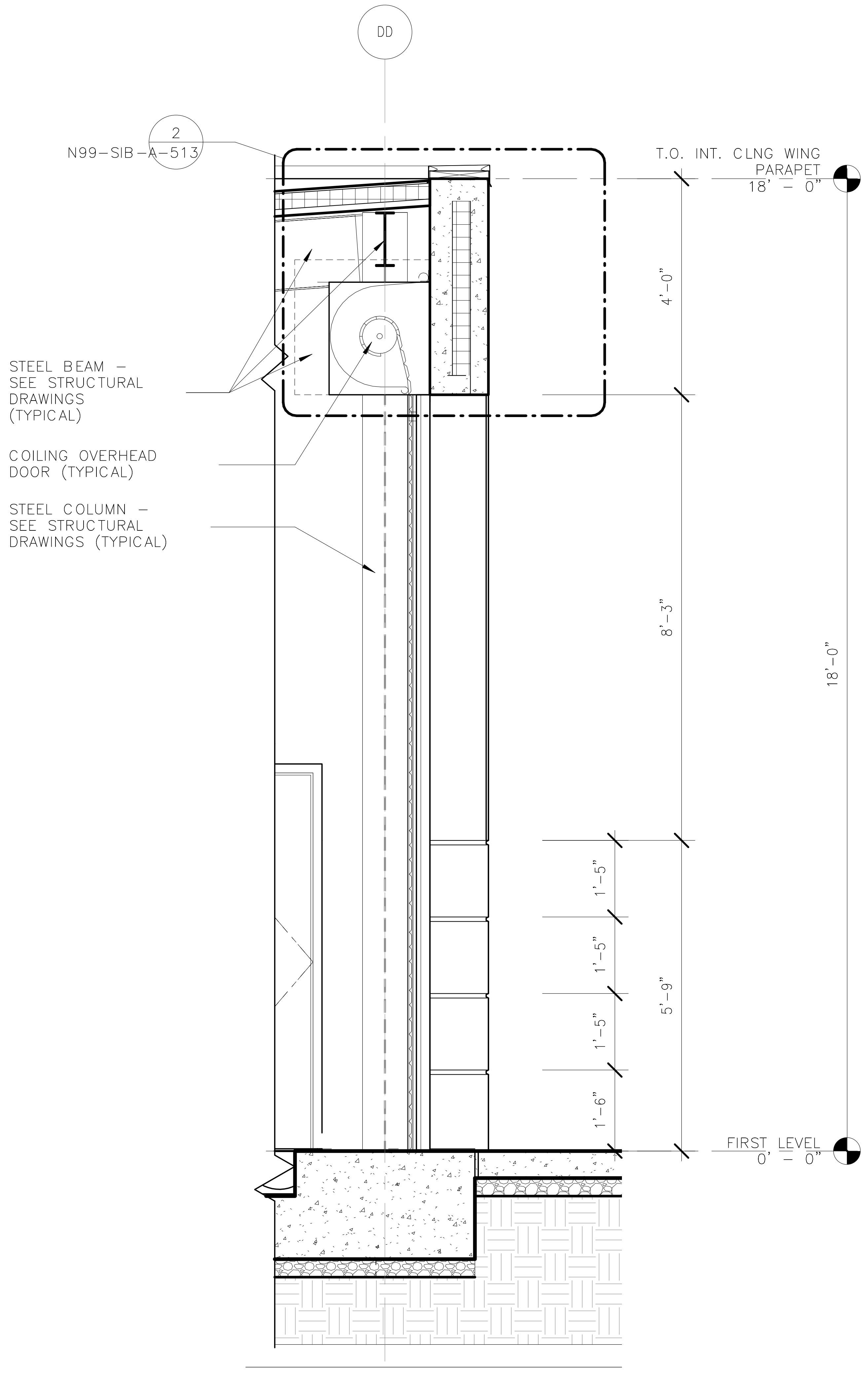
2
N99-SIB-A-311
N99-SIB-A-301

WALL SECTION
1/2" = 1'-0"



3
N99-SIB-A-311
N99-SIB-A-301

WALL SECTION 3
1/2" = 1'-0"



4
N99-SIB-A-311
N99-SIB-A-301

WALL SECTION 2
1/2" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
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M. GIULIANI	02/20/2017
APPROVED	DATE

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REFERENCE DRAWINGS

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REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

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No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

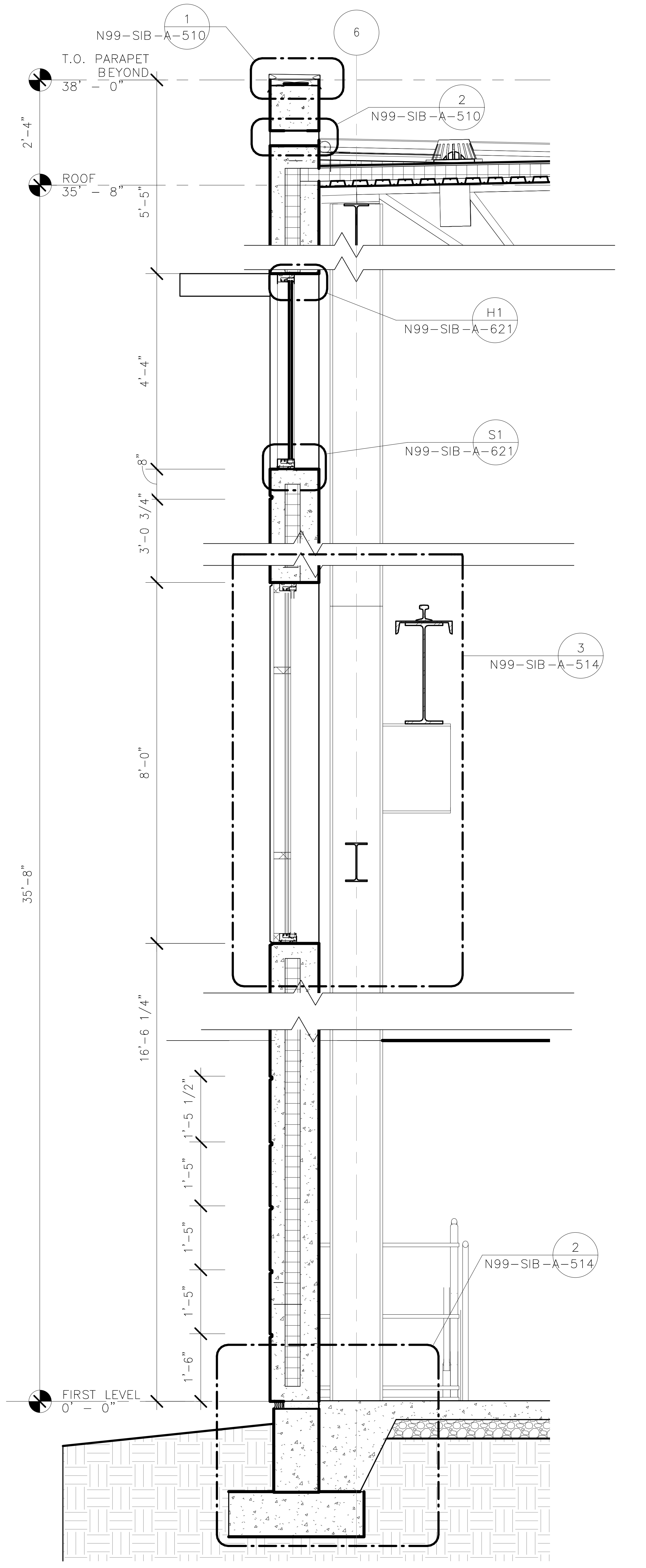
RAIL YARD AND MAINTENANCE FACILITY

SIB - WALL SECTIONS

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

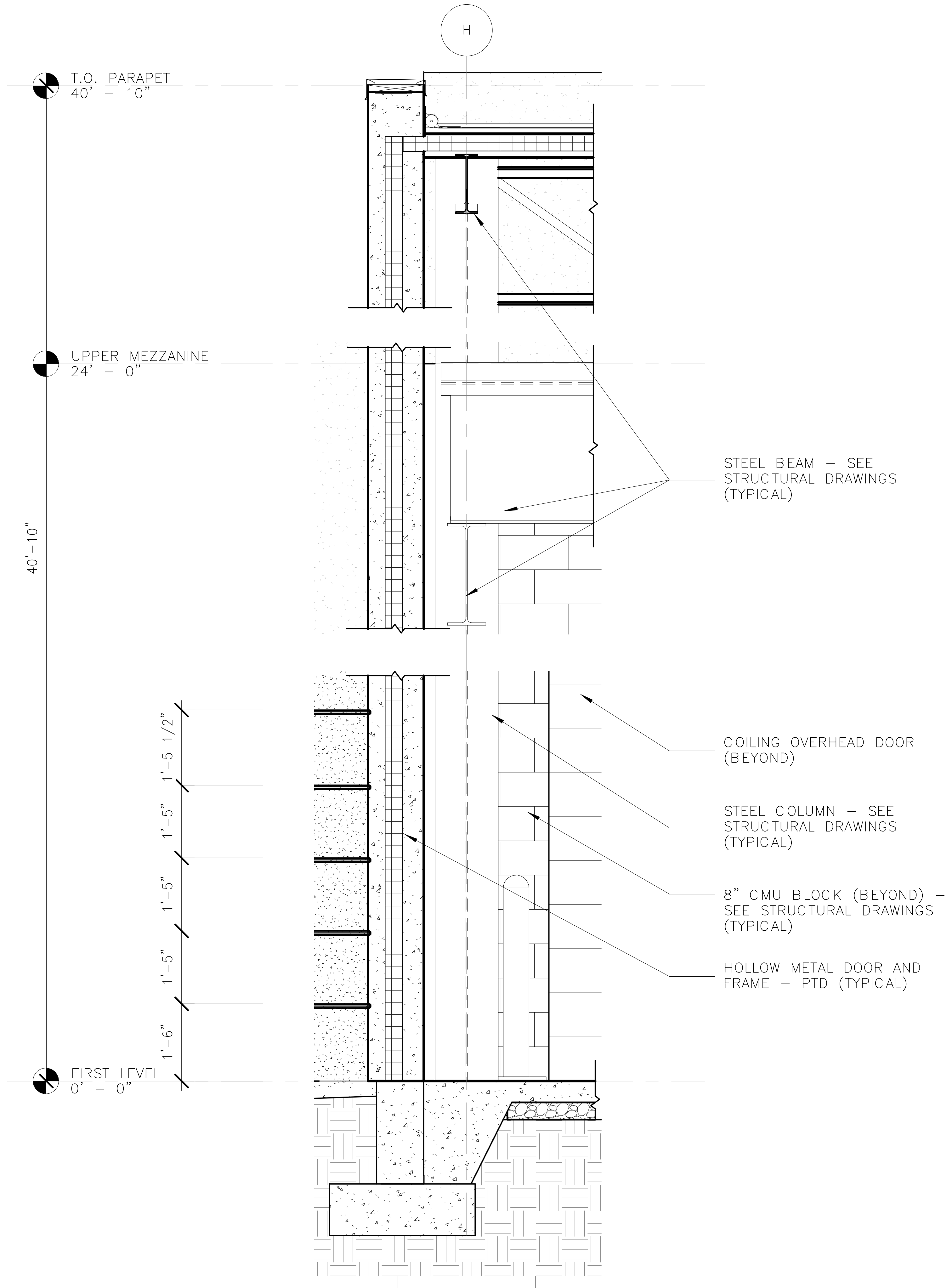
DRAWING NO.: N99-SIB-A-311

NOTE: ALL WALL SECTION NOTES ARE TYPICAL FOR ALL WALL SECTIONS UNLESS OTHERWISE NOTED



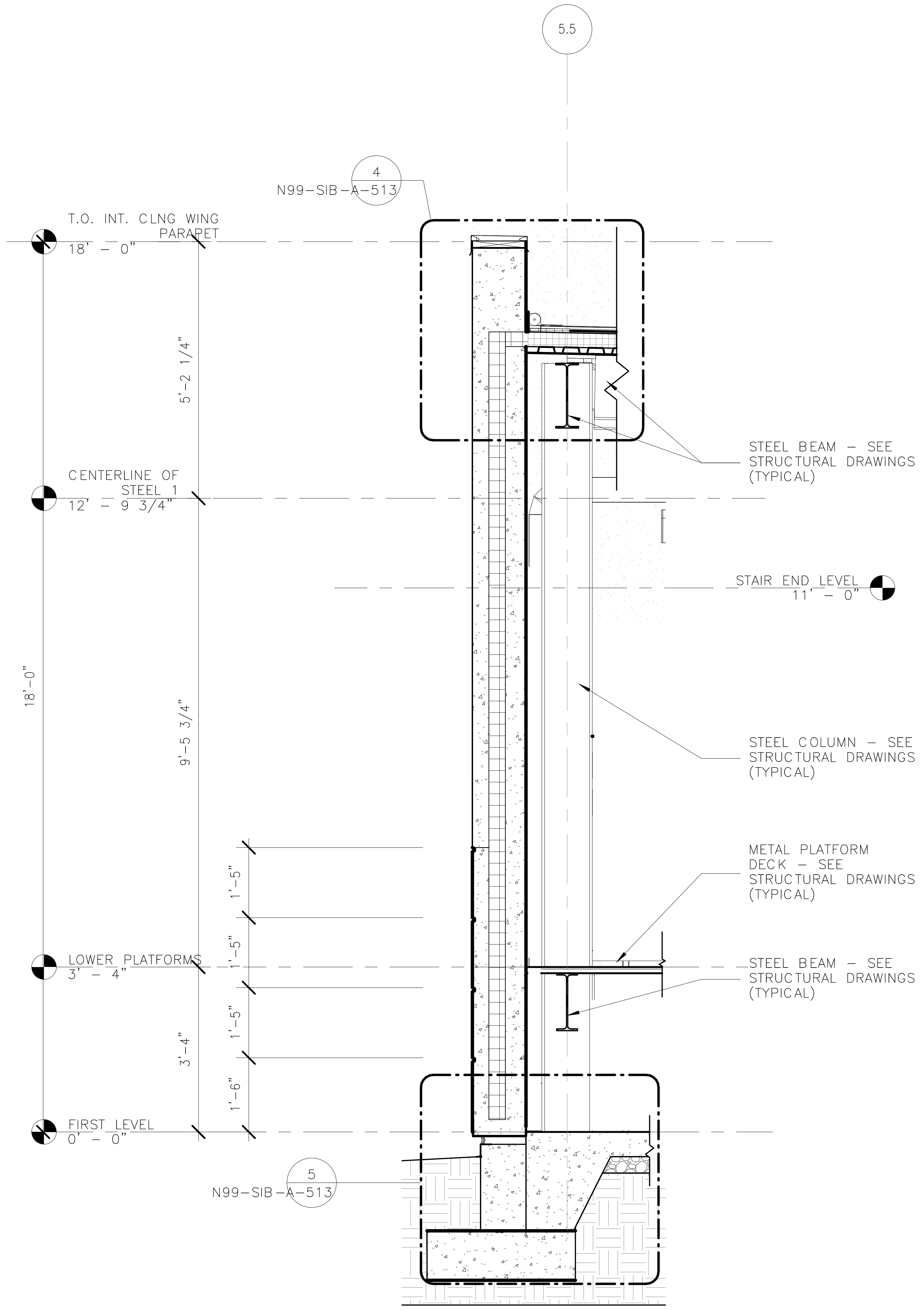
1
N99-SIB-A-312
N99-SIB-A-303

WALL SECTION 5
1/2" = 1'-0"
2 1 0 2 4



2
N99-SIB-A-312
N99-SIB-A-115

WALL SECTION - MAN DOOR
1/2" = 1'-0"
2 1 0 2 4



3
N99-SIB-A-312

WALL SECTION 4
1/2" = 1'-0"
2 1 0 2 4

2/16/2017 5:09:15 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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REVISIONS

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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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HENSEL PHELPS
Plan. Build. Manage.

metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

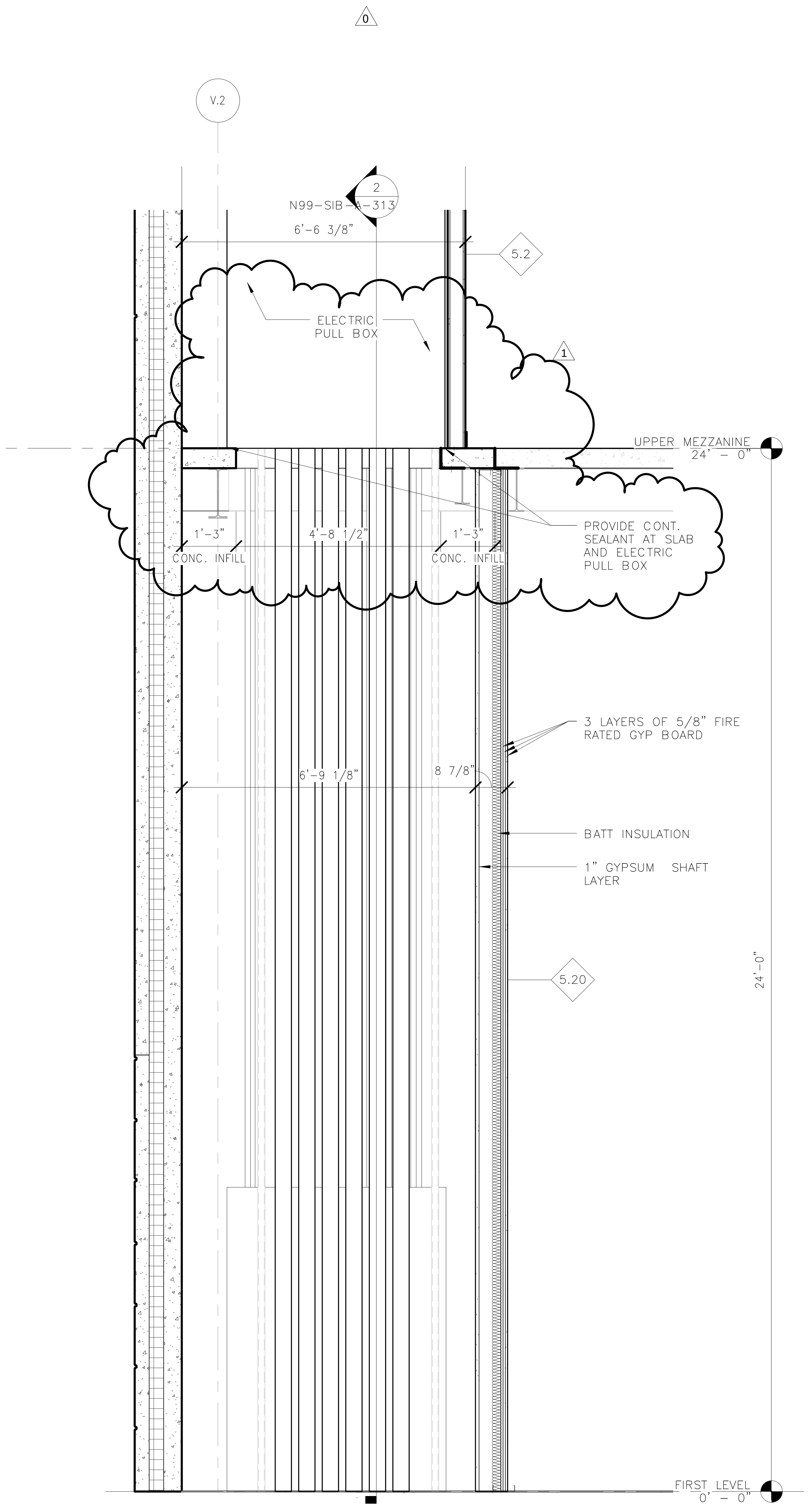
WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - WALL SECTIONS

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

DRAWING NO.: N99-SIB-A-312



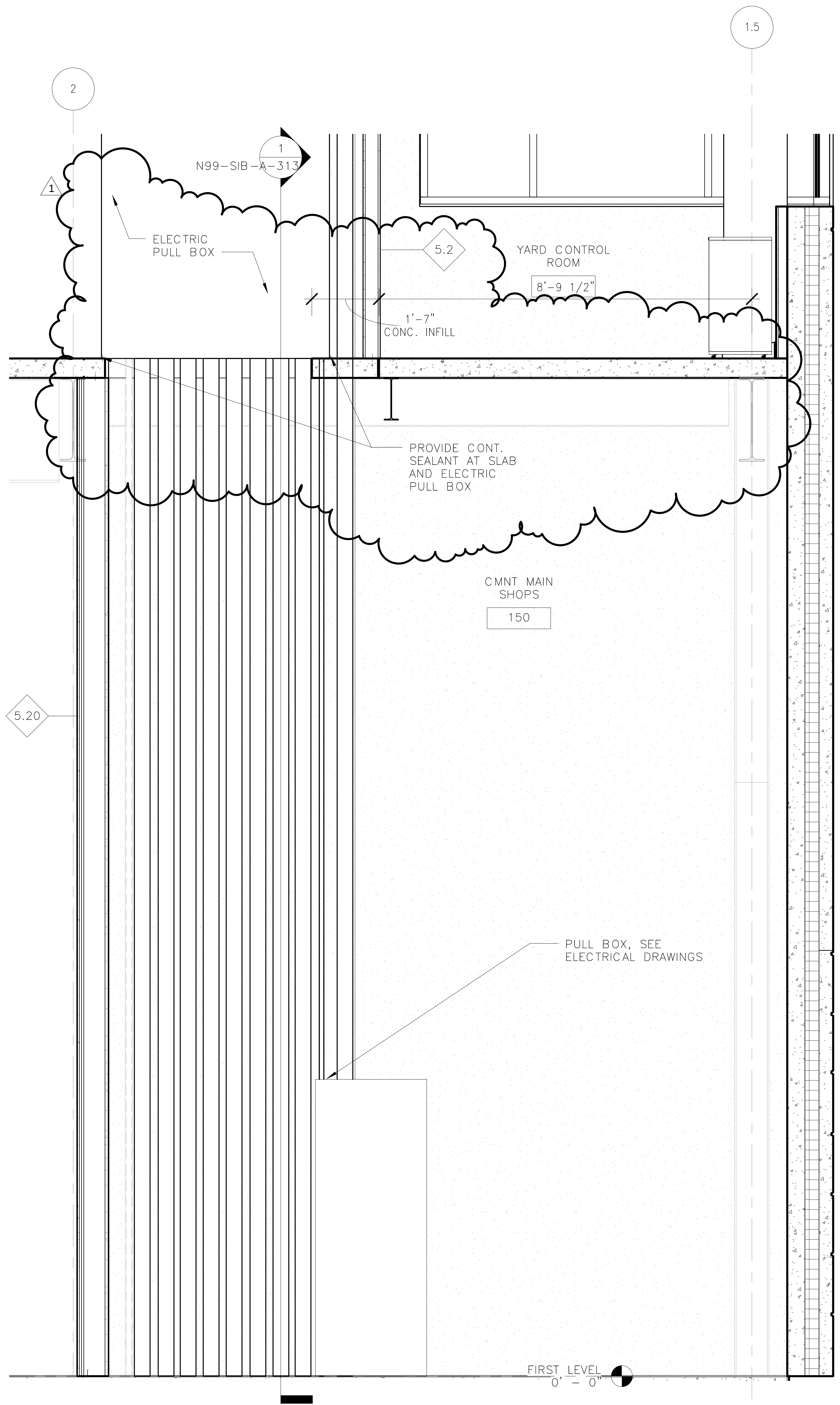
1

SECTION THRU SHAFT

1/2" = 1'-0"

2 1 0 2 4

N99-SIB-A-313
N99-SIB-A-114
N99-SIB-A-134



2

SECTION THRU SHAFT

1/2" = 1'-0"

2 1 0 2 4

N99-SIB-A-313
N99-SIB-A-114
N99-SIB-A-134

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
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M. GIULIANI	02/20/2017
APPROVED	DATE

1/26/2018 4:03:29 PM

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
1	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

WALL SECTIONS

SCALE:

DRAWING NO.: N99-SIB-A-313

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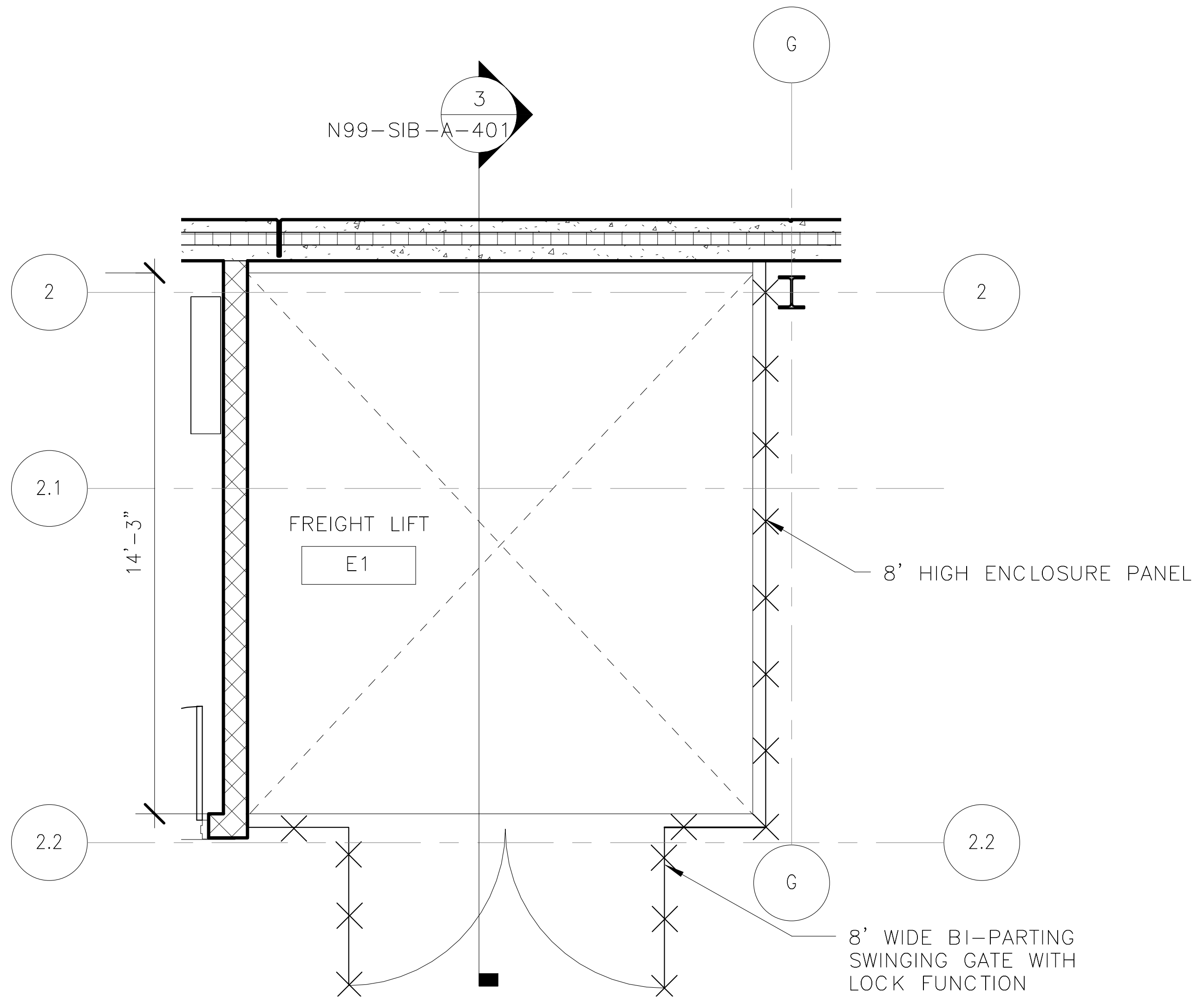
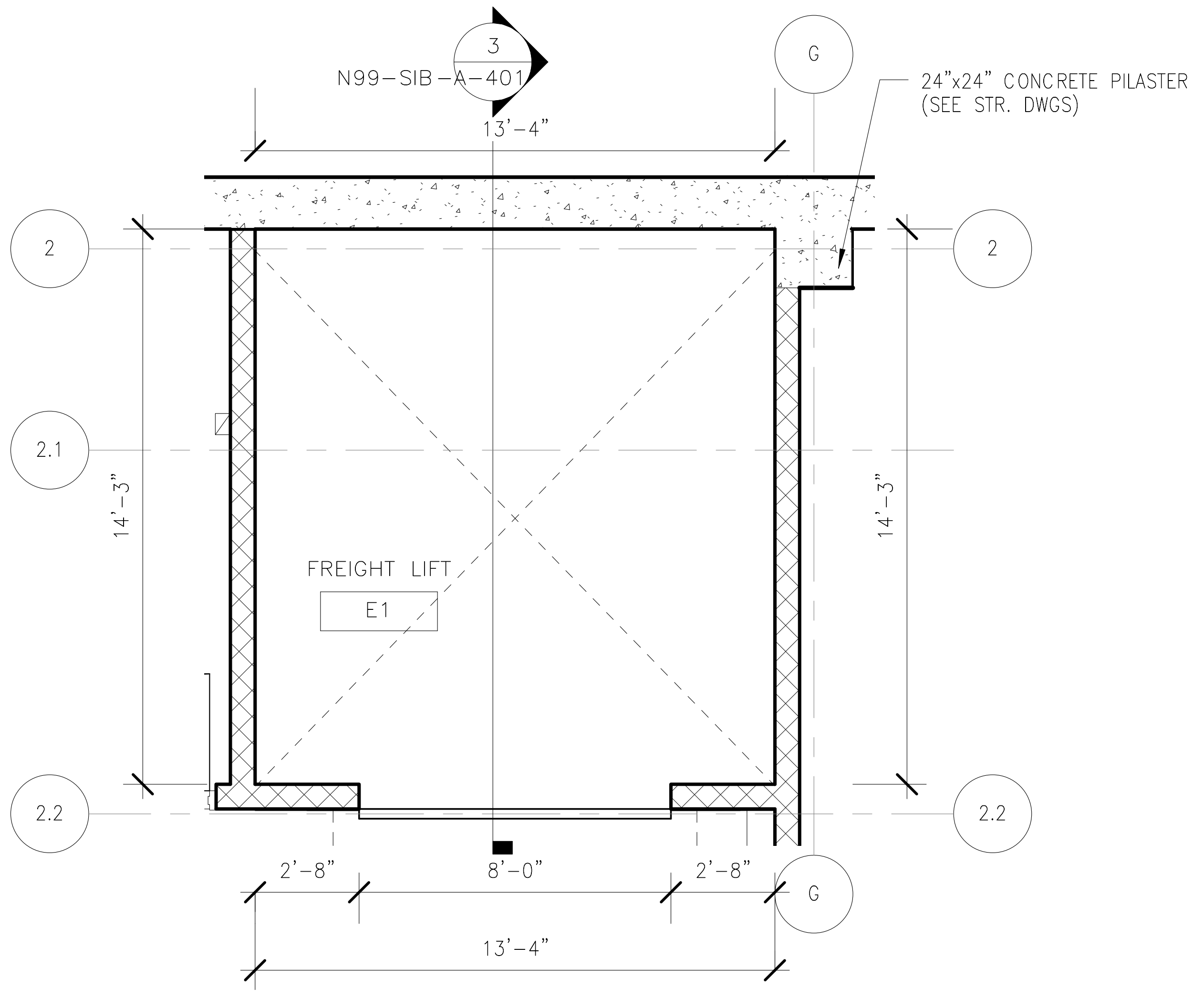
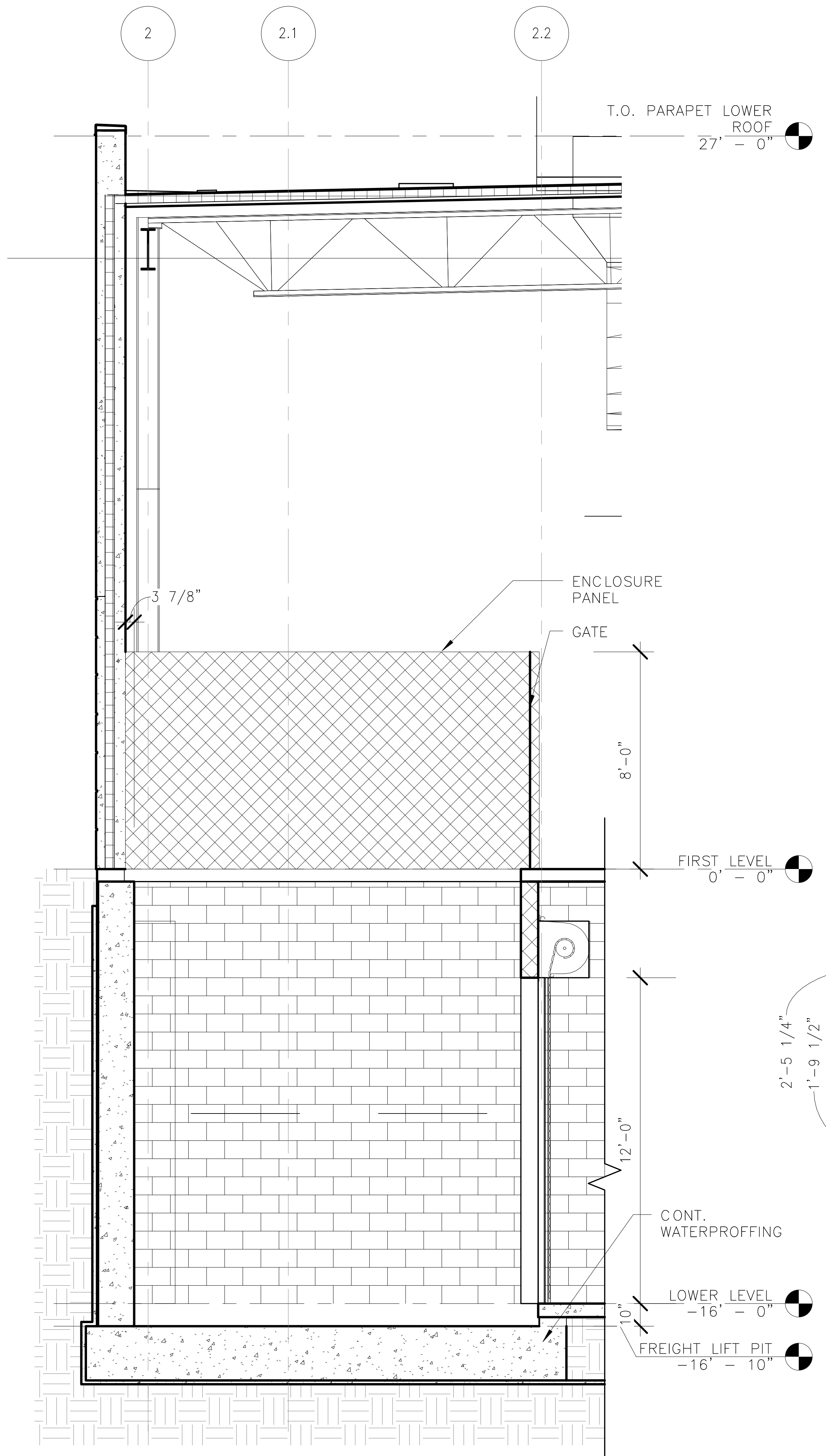


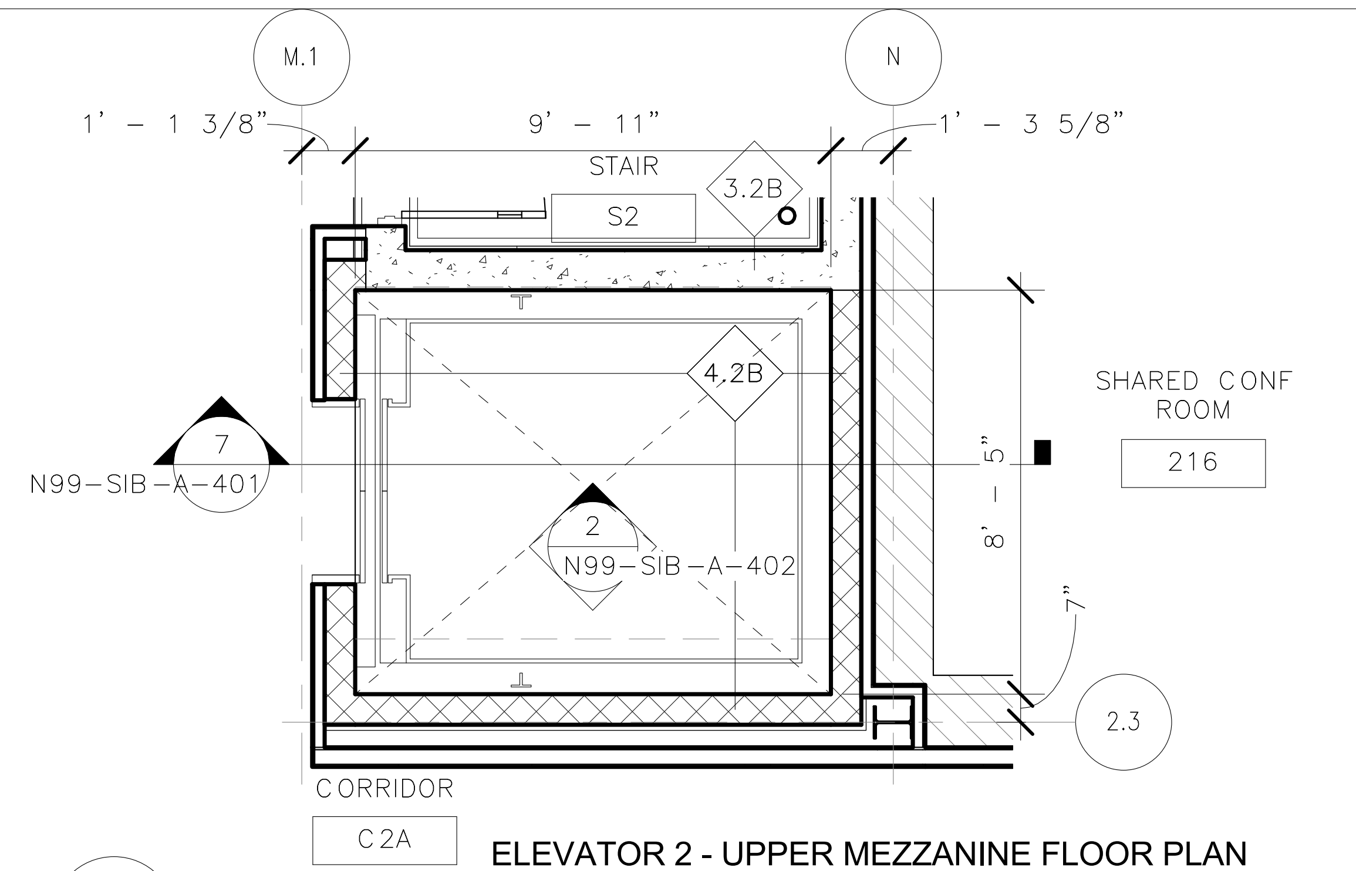
2
N99-SIB-A-401
N99-SIB-A-112
FREIGHT LIFT - FIRST FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



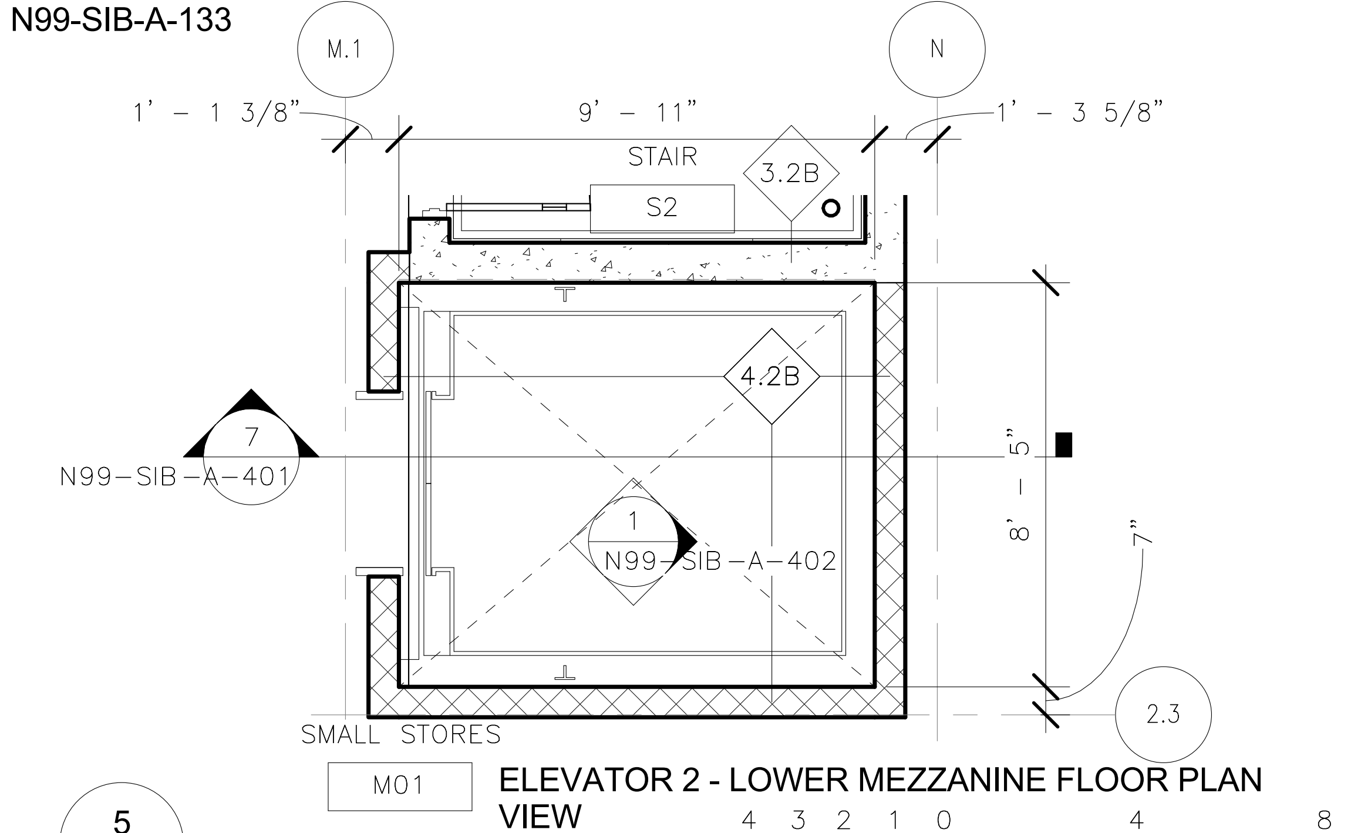
1
N99-SIB-A-401
N99-SIB-A-102
FREIGHT LIFT - BASEMENT/PIT FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



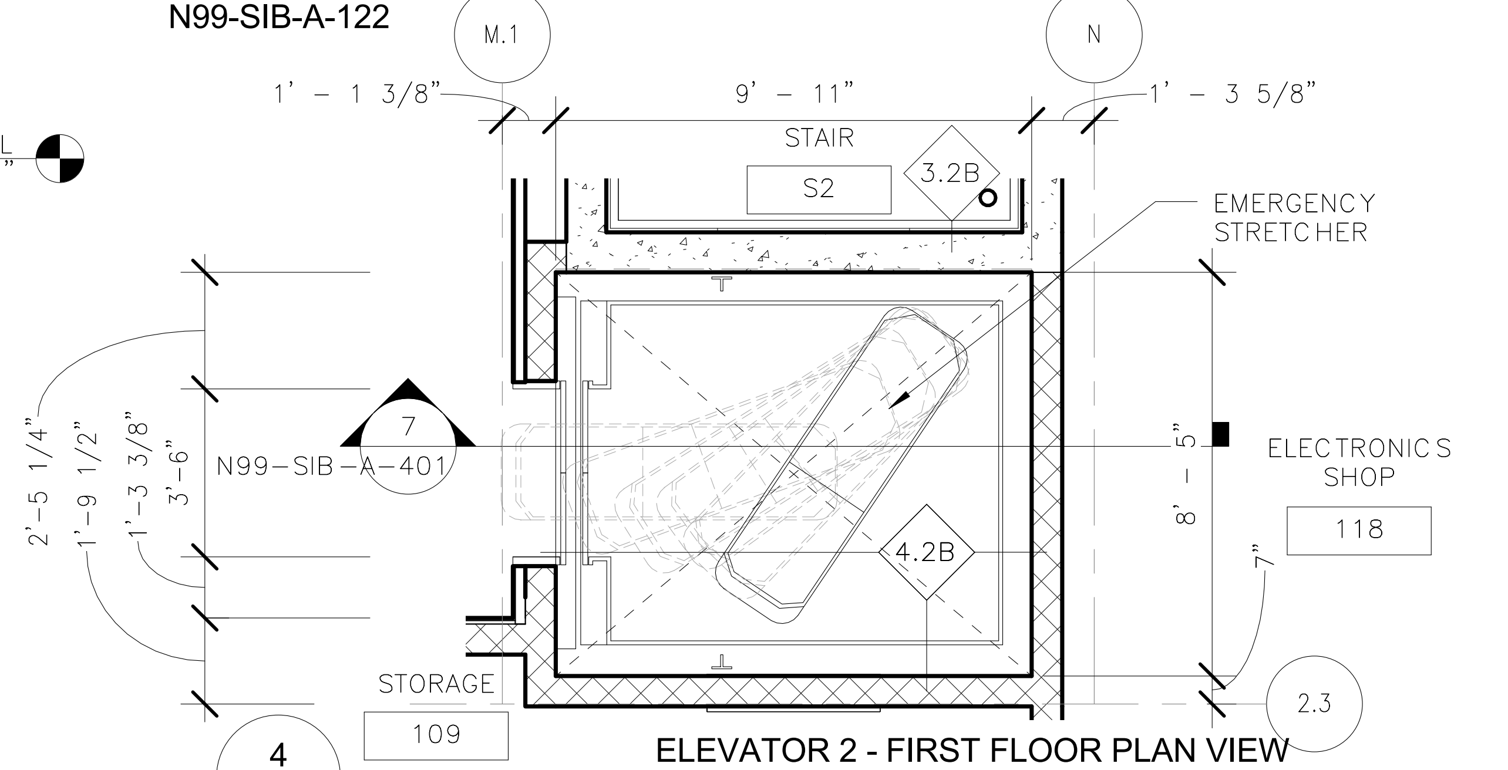
3
N99-SIB-A-401
ELEVATOR 1 - SECTION
1/4" = 1'-0"
4 3 2 1 0 4 8



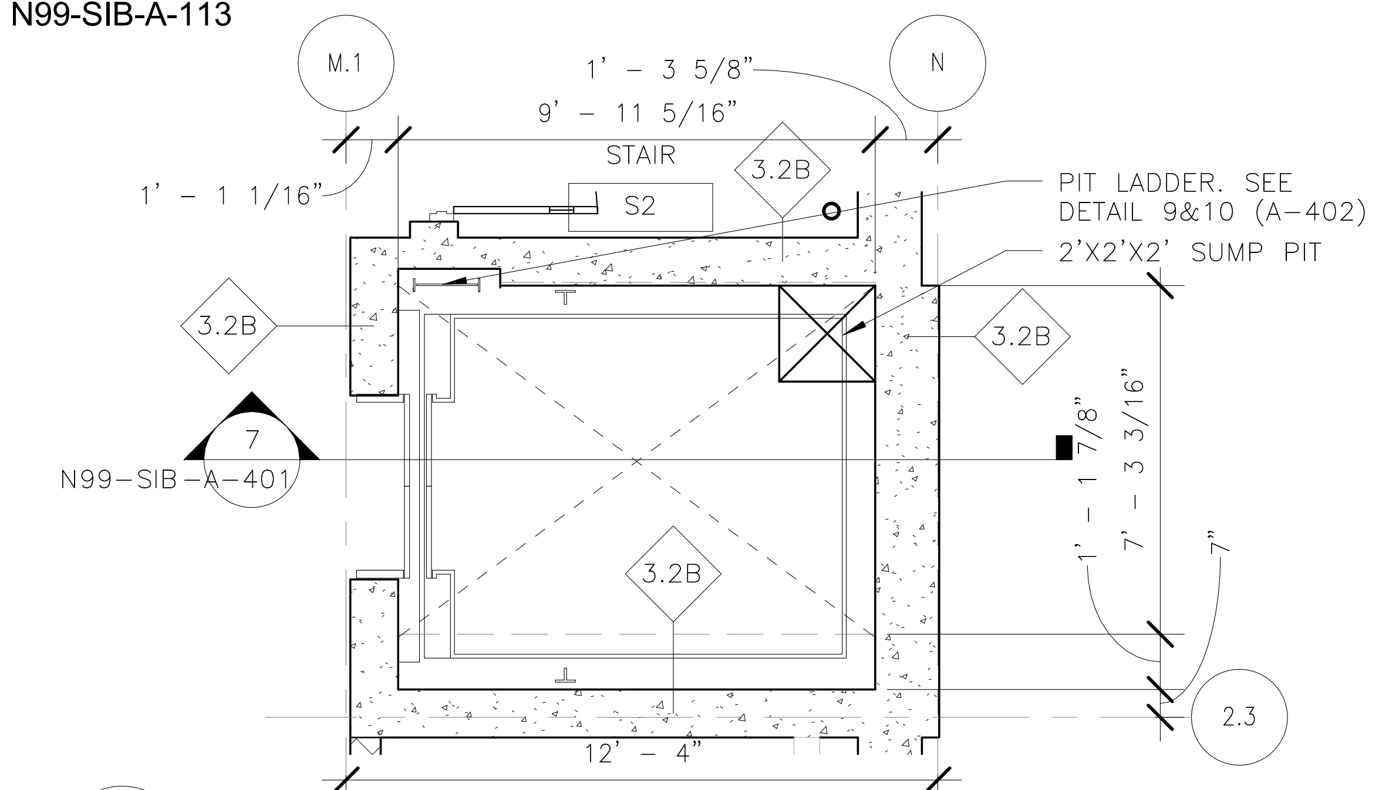
6
N99-SIB-A-401
N99-SIB-A-133
ELEVATOR 2 - UPPER MEZZANINE FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



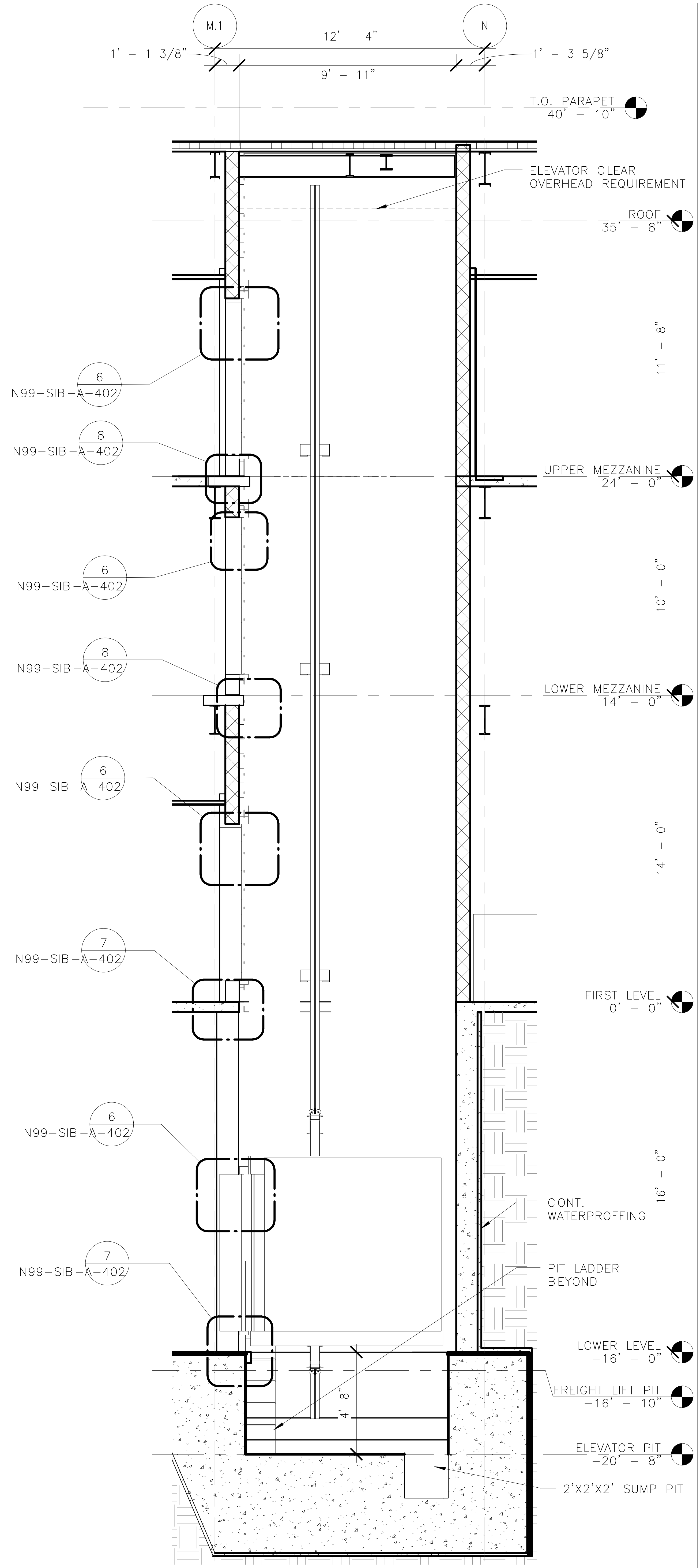
5
N99-SIB-A-401
N99-SIB-A-122
ELEVATOR 2 - LOWER MEZZANINE FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



4
N99-SIB-A-401
N99-SIB-A-113
ELEVATOR 2 - FIRST FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



8
N99-SIB-A-401
N99-SIB-A-103
ELEVATOR 2 - BASEMENT/PIT FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



7
N99-SIB-A-401
ELEVATOR 2 - SECTION
1/4" = 1'-0"
4 3 2 1 0 4 8

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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HENSEL PHELPS
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - ENLARGED ELEVATOR PLANS AND SECTIONS
SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-401

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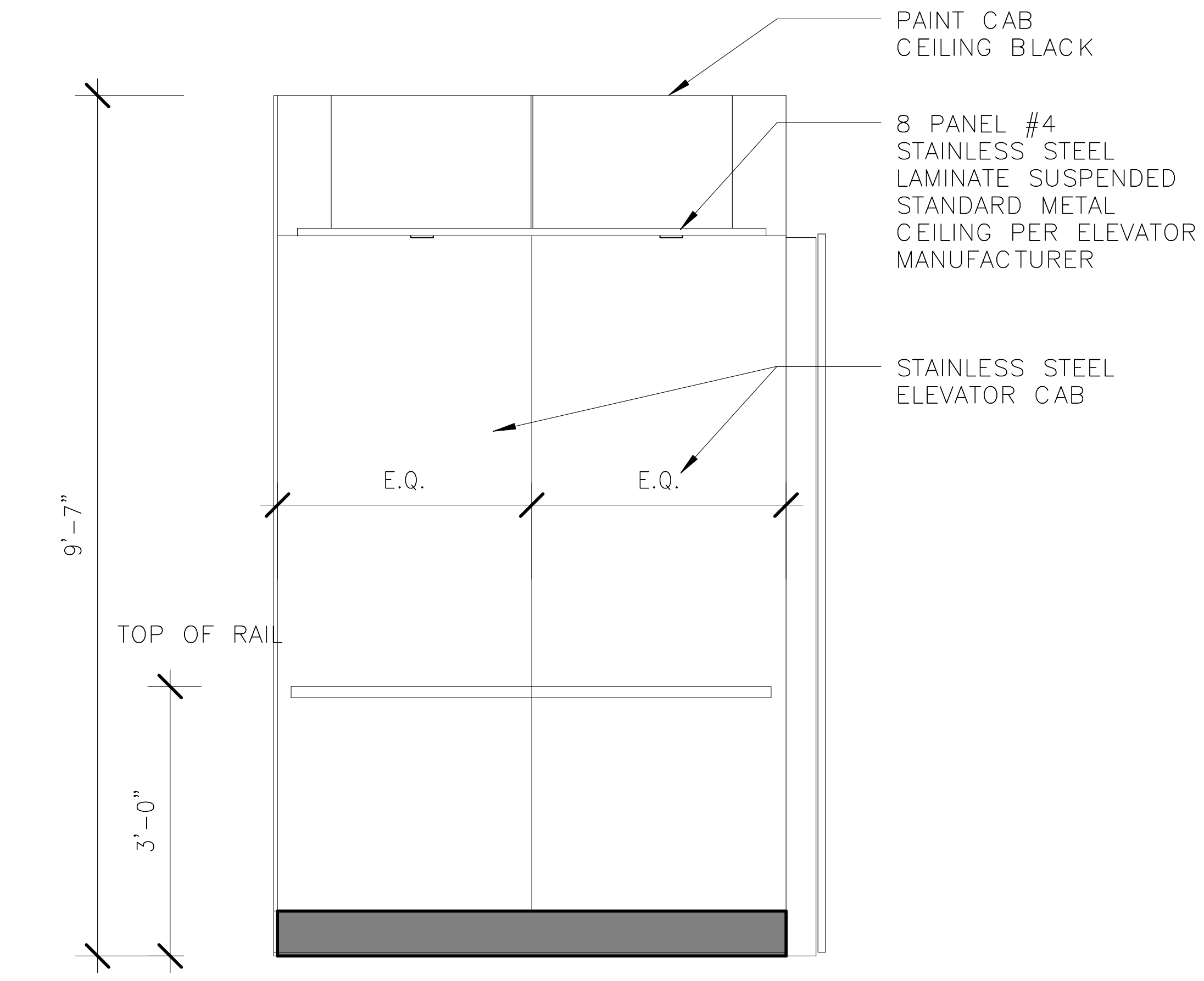
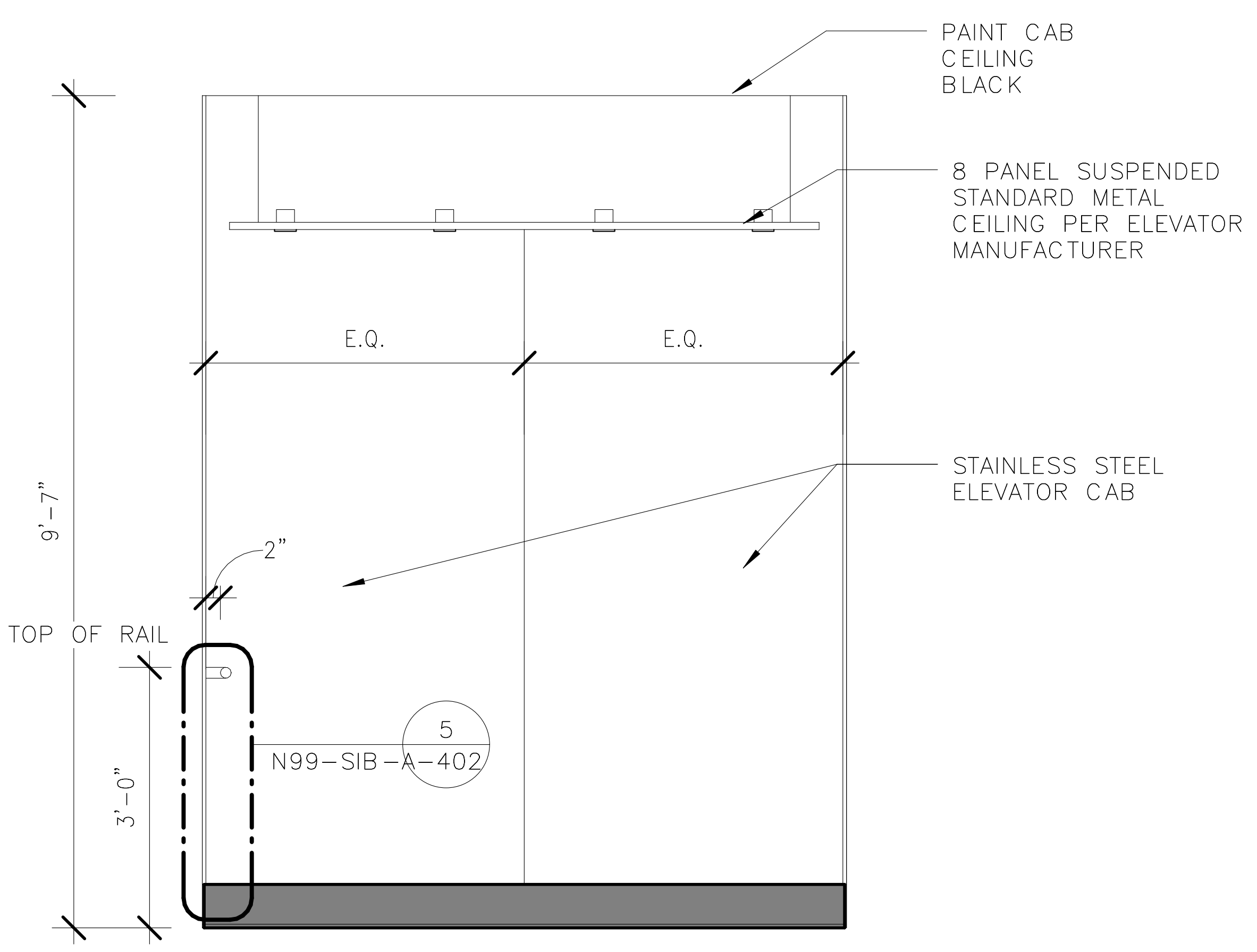
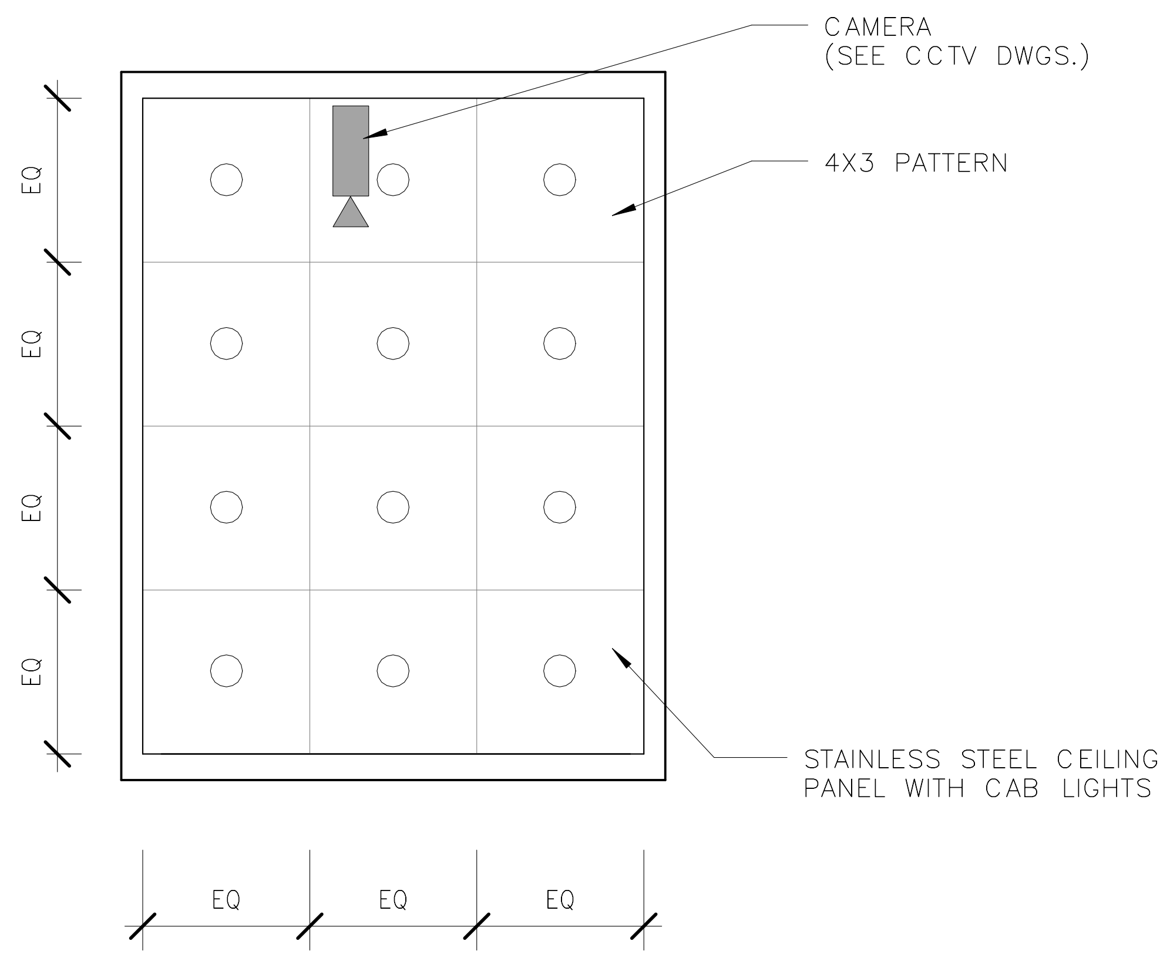


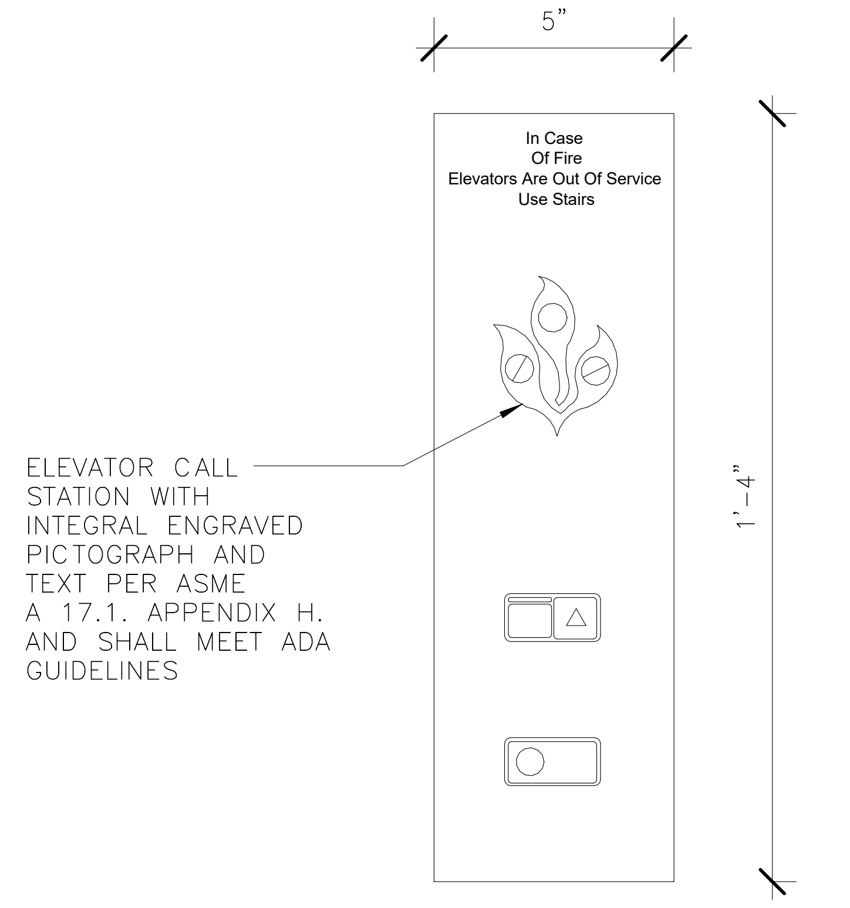
1
N99-SIB-A-402
ELEVATOR DETAIL - INTERIOR REAR ELEVATION
1/2" = 1'-0"
2 1 0 2 4



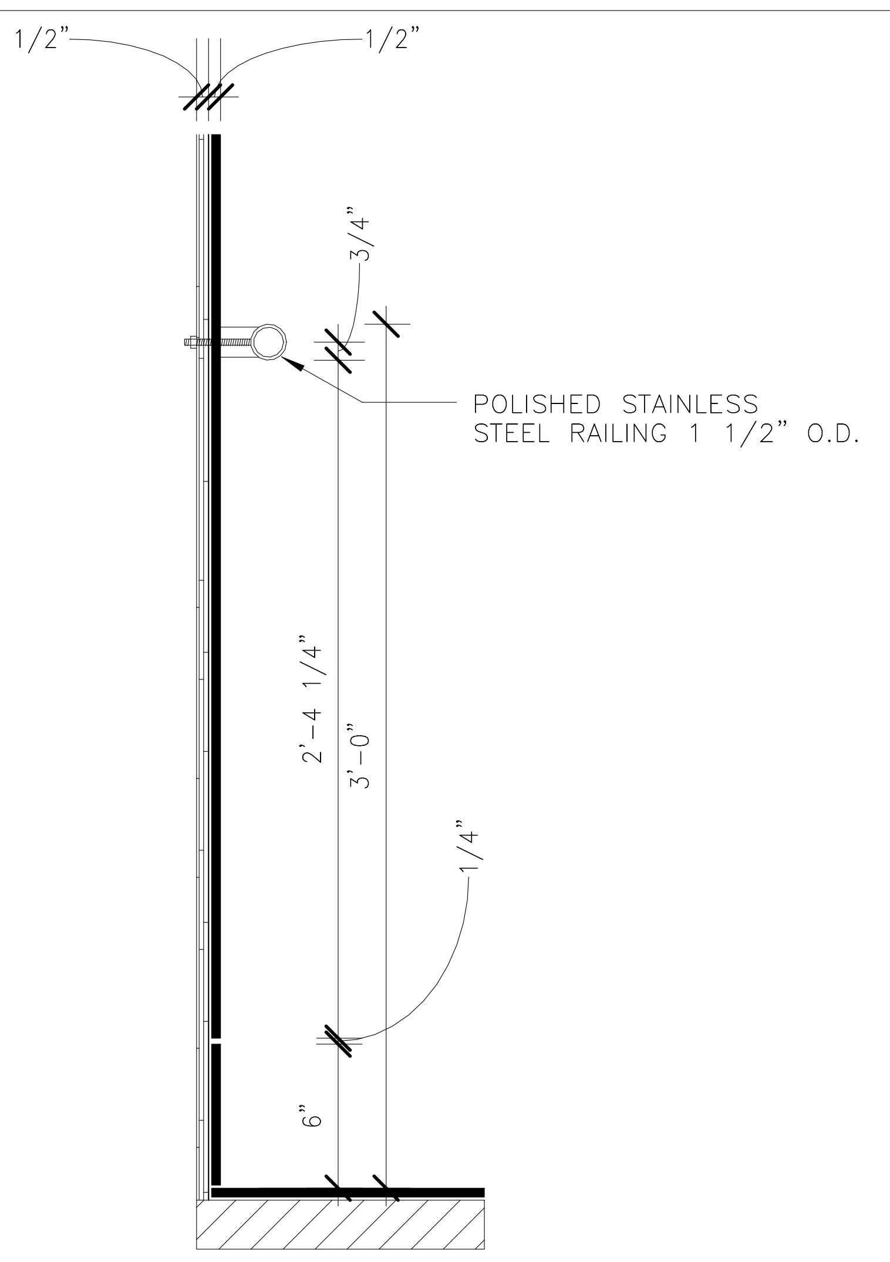
2
N99-SIB-A-402
ELEVATOR DETAIL - INTERIOR SIDE ELEVATION
1/2" = 1'-0"
2 1 0 2 4



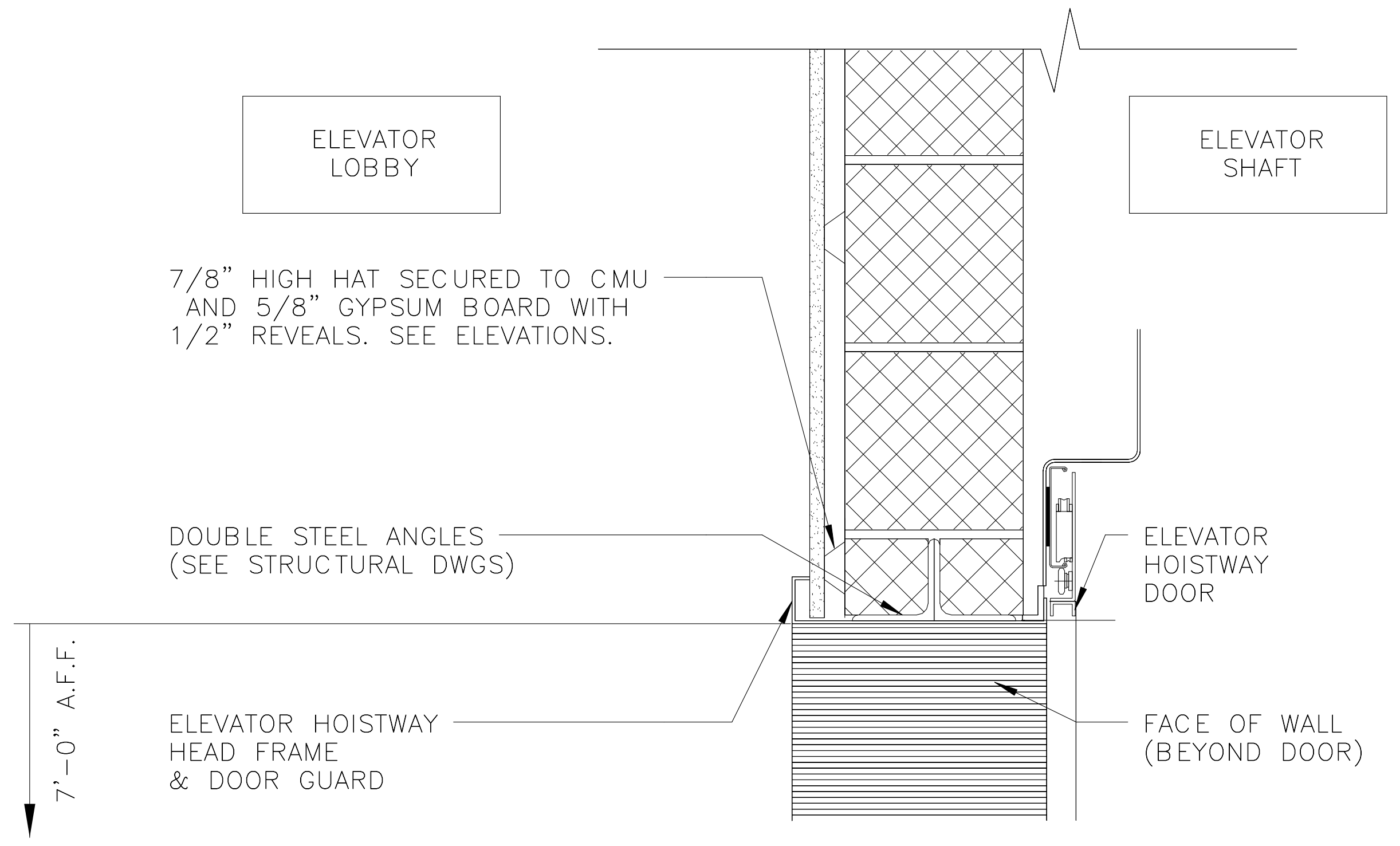
3
N99-SIB-A-402
ELEVATOR DETAIL - REFLECTED CEILING PLAN
1/2" = 1'-0"
2 1 0 2 4



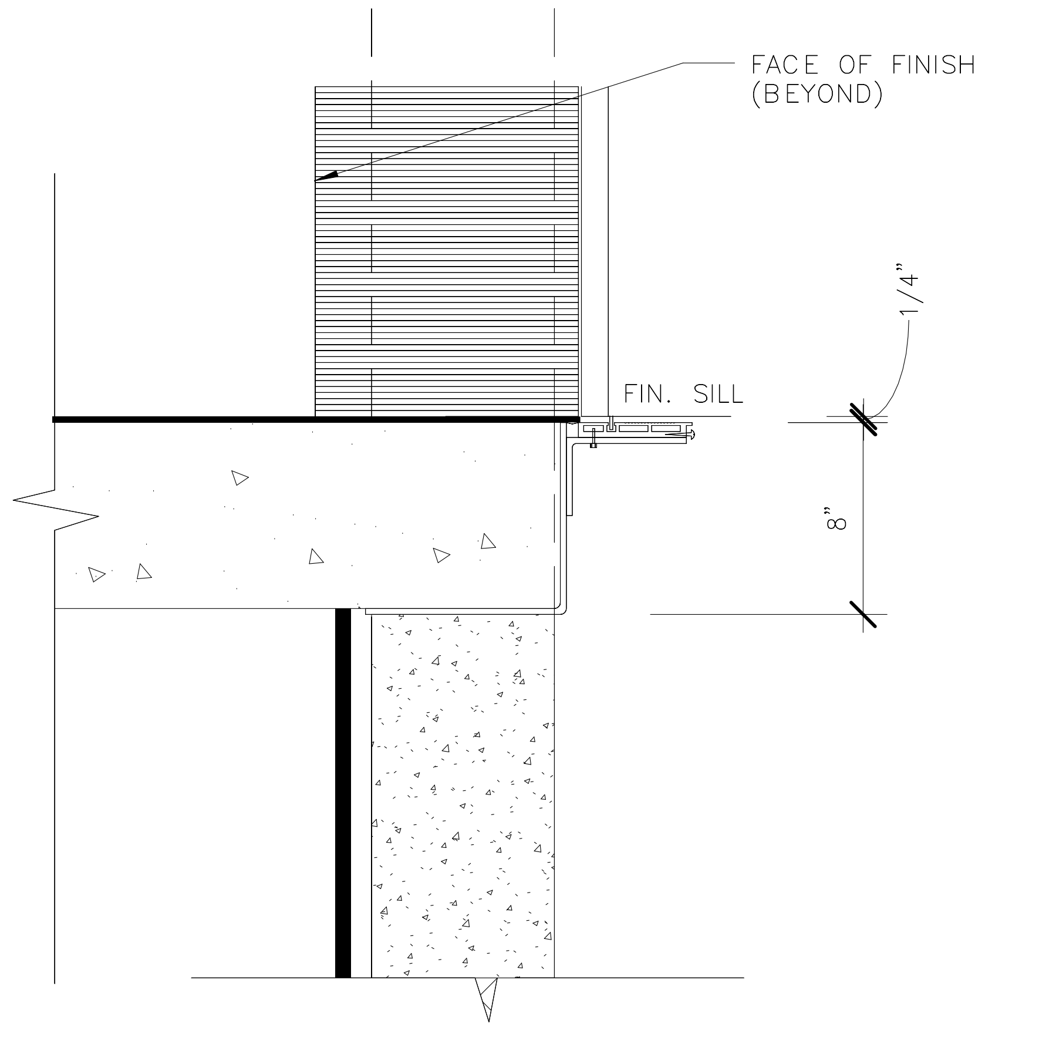
4
N99-SIB-A-402
ELEVATOR DETAIL - CALL BUTTONS
3" = 1'-0"
6 4 2 0 6



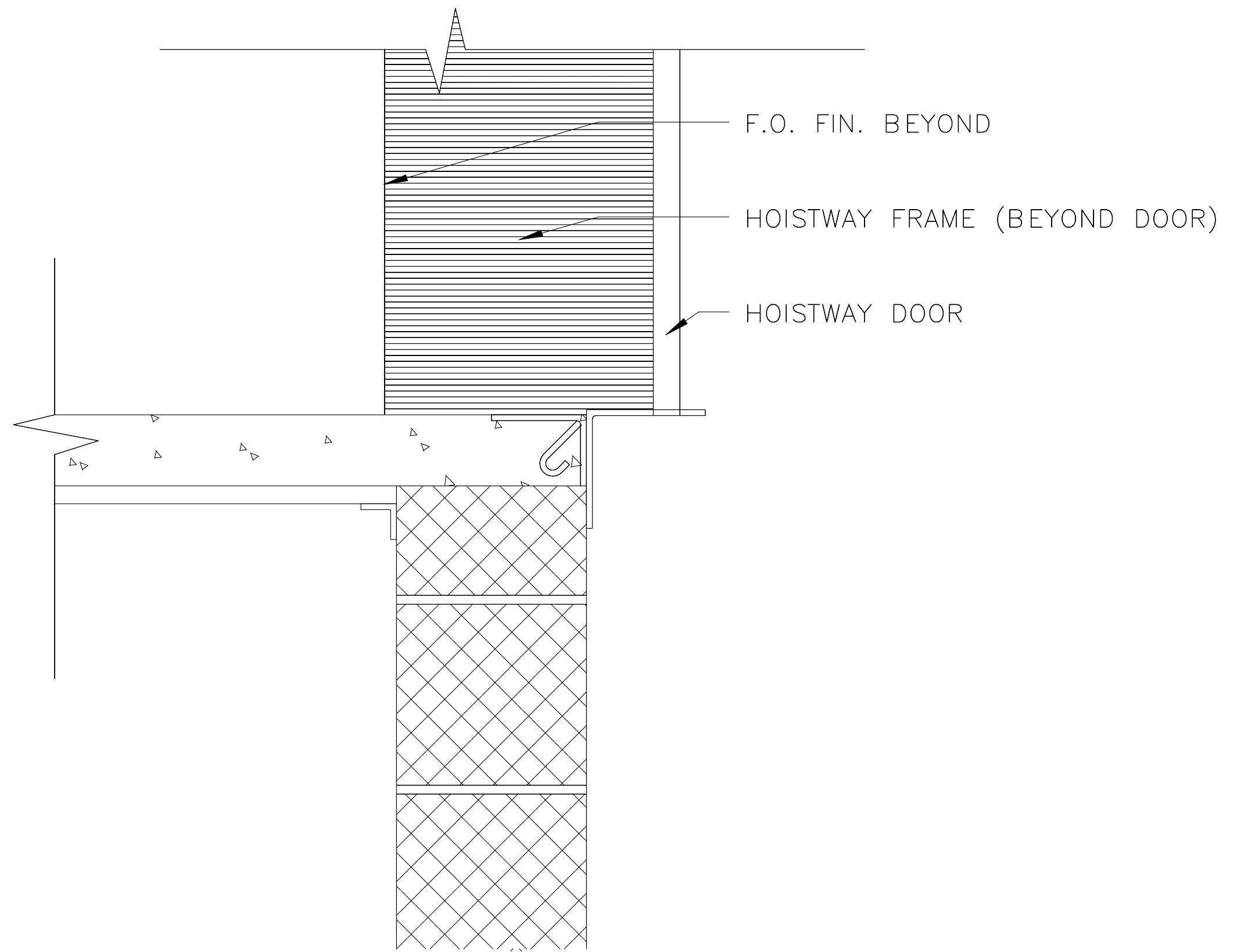
5
N99-SIB-A-402
ELEVATOR DETAIL - HANDRAIL SECTION
1 1/2" = 1'-0"
1 0 1



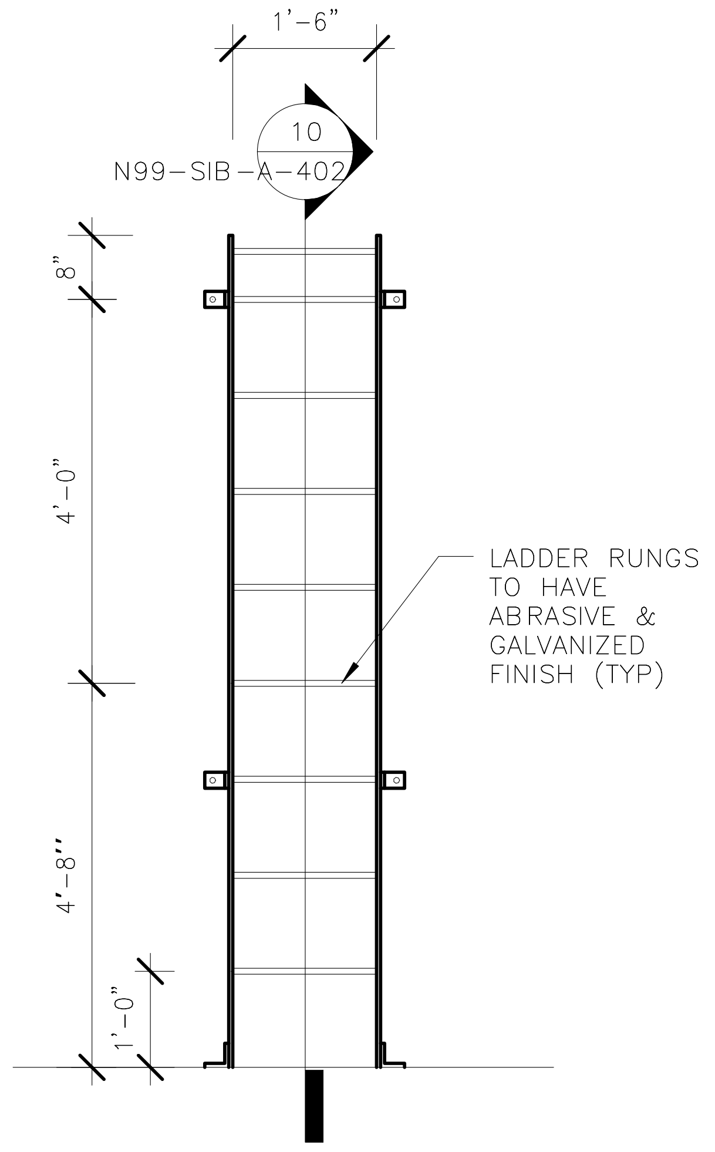
6
N99-SIB-A-402
N99-SIB-A-401
ELEVATOR DETAIL - SUPPORT @ HEAD
1 1/2" = 1'-0"
1 0 1



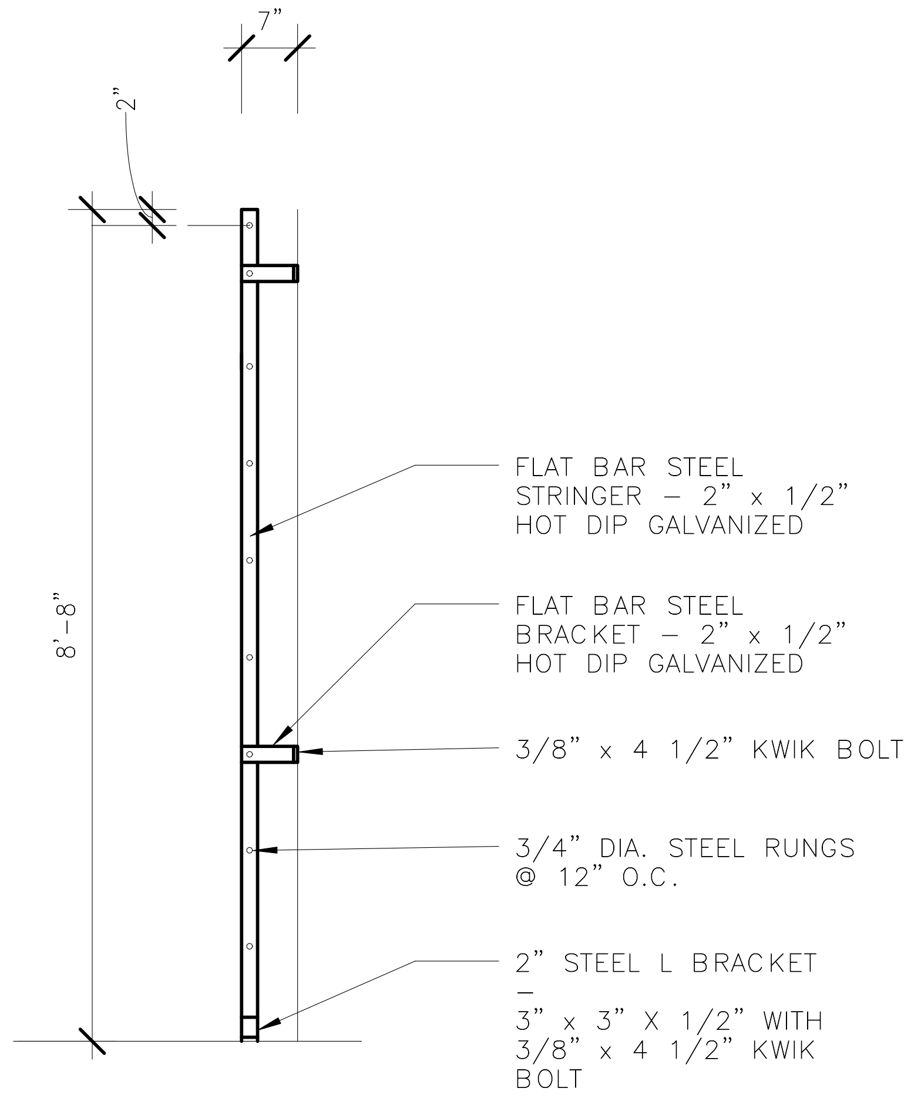
7
N99-SIB-A-402
N99-SIB-A-401
ELEVATOR DETAIL - CONCRETE SUPPORT @ SILL
1 1/2" = 1'-0"
1 0 1



8
N99-SIB-A-402
N99-SIB-A-401
ELEVATOR DETAIL - MASONRY SUPPORT @ SILL
1 1/2" = 1'-0"
1 0 1



9
N99-SIB-A-402
ELEVATOR DETAIL - LADDER
1/2" = 1'-0"
2 1 0 2 4



10
N99-SIB-A-402
ELEVATOR DETAIL - LADDER SECTION
1/2" = 1'-0"
2 1 0 2 4

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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REVISIONS

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MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT
20 FEB 17

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giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ELEVATOR DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-402

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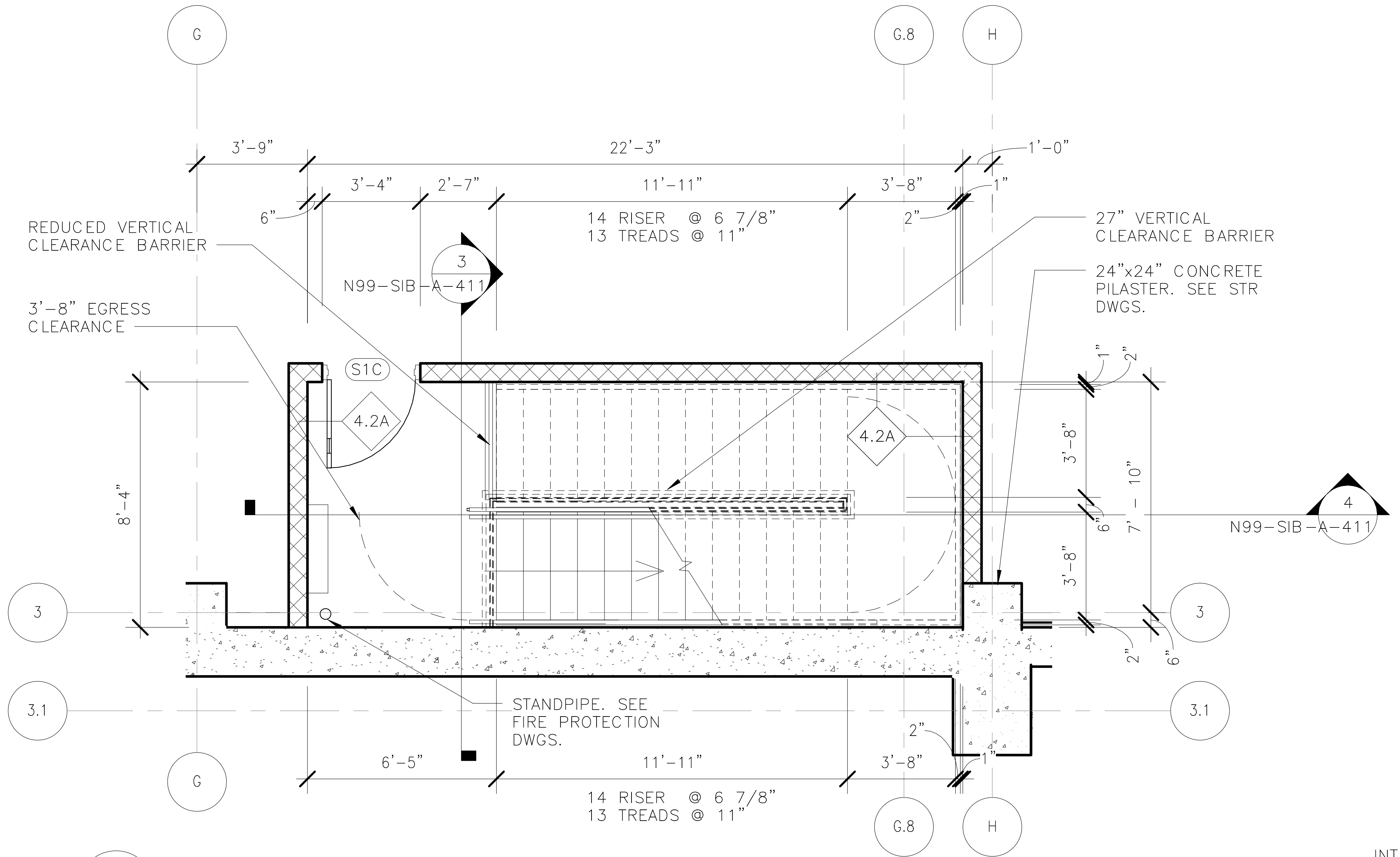
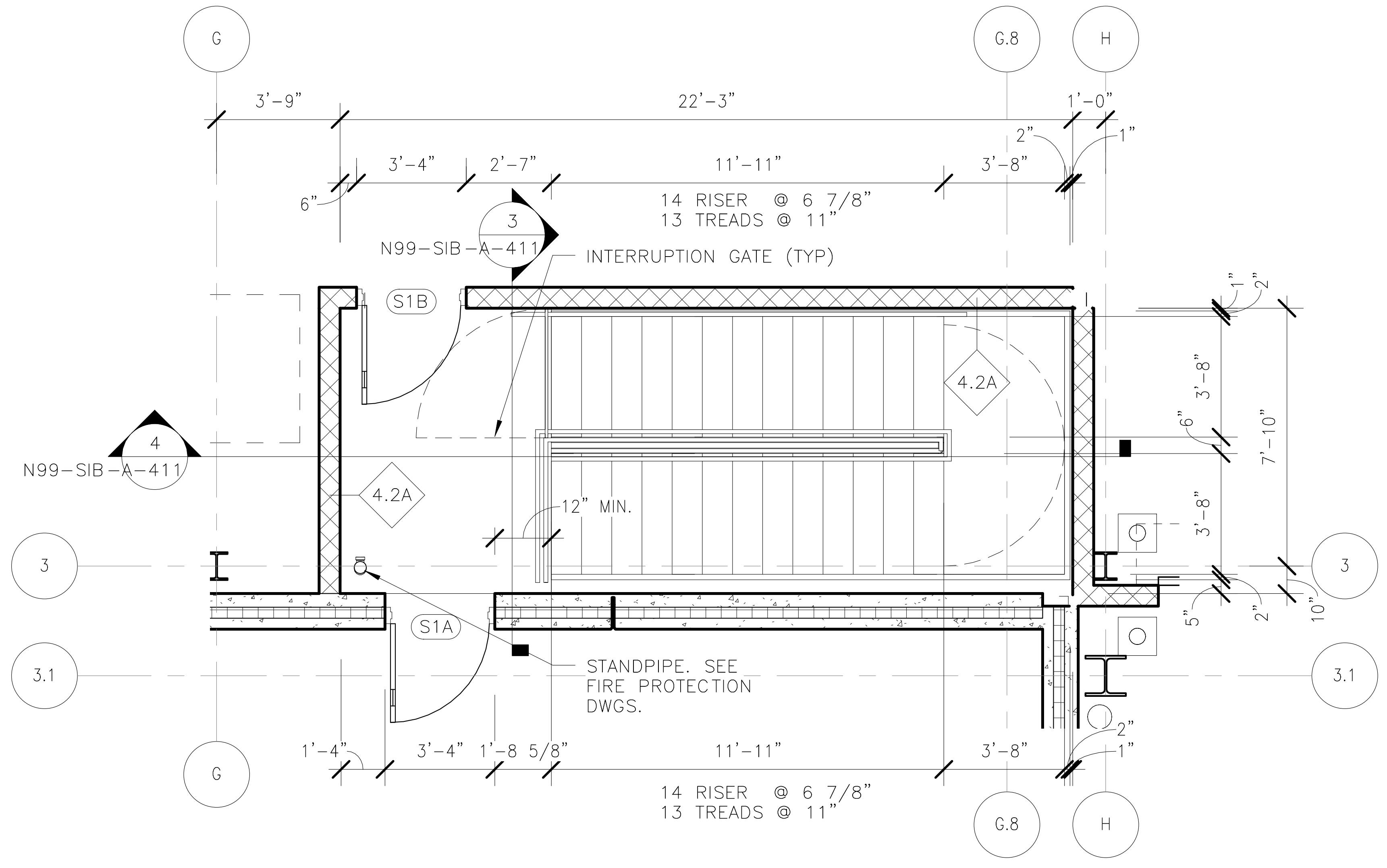


1
N99-SIB-A-411
N99-SIB-A-112

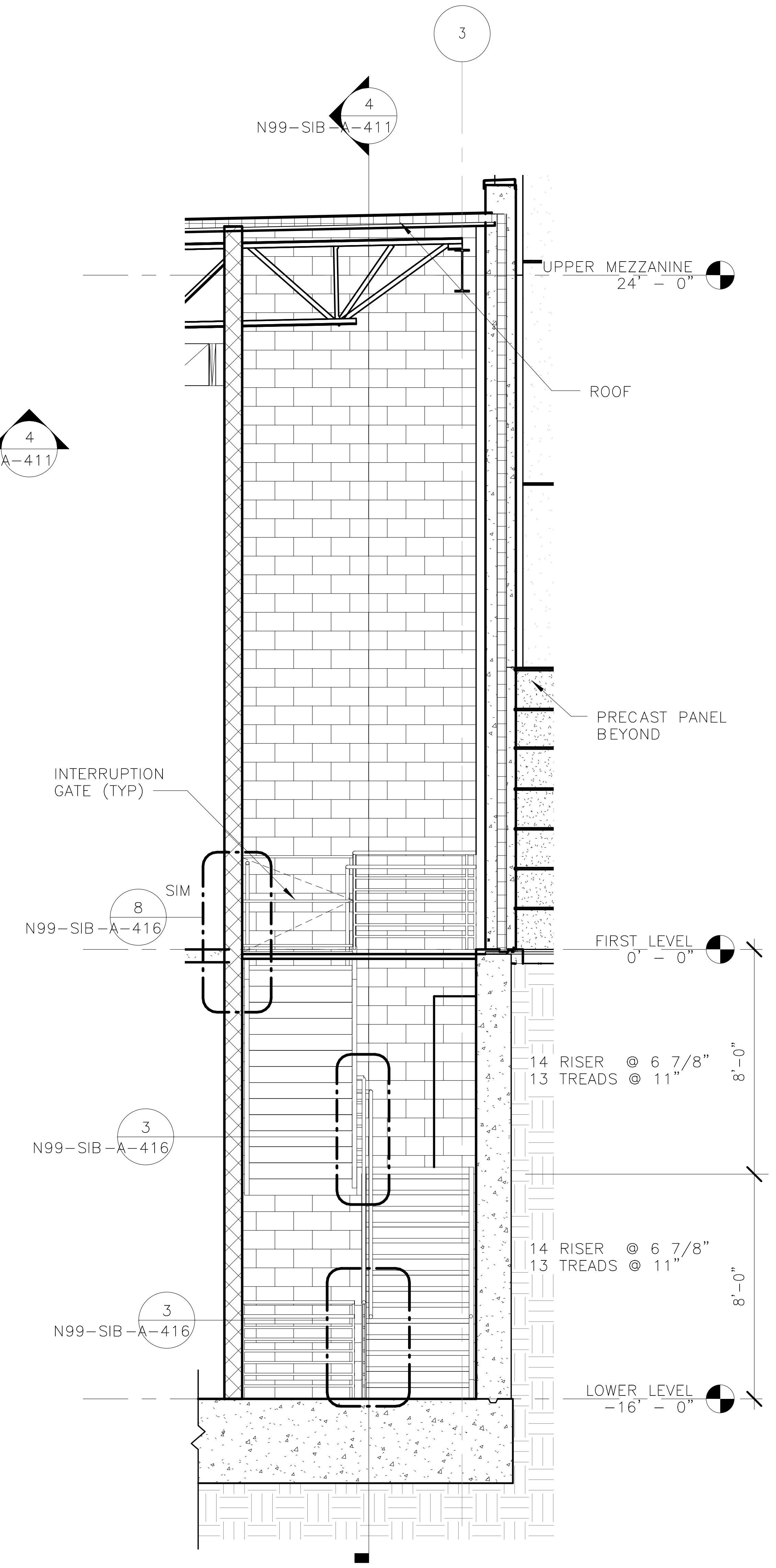
STAIR 1 - BASEMENT/PIT FLOOR PLAN VIEW
1/4" = 1'-0"



2
N99-SIB-A-411
N99-SIB-A-112

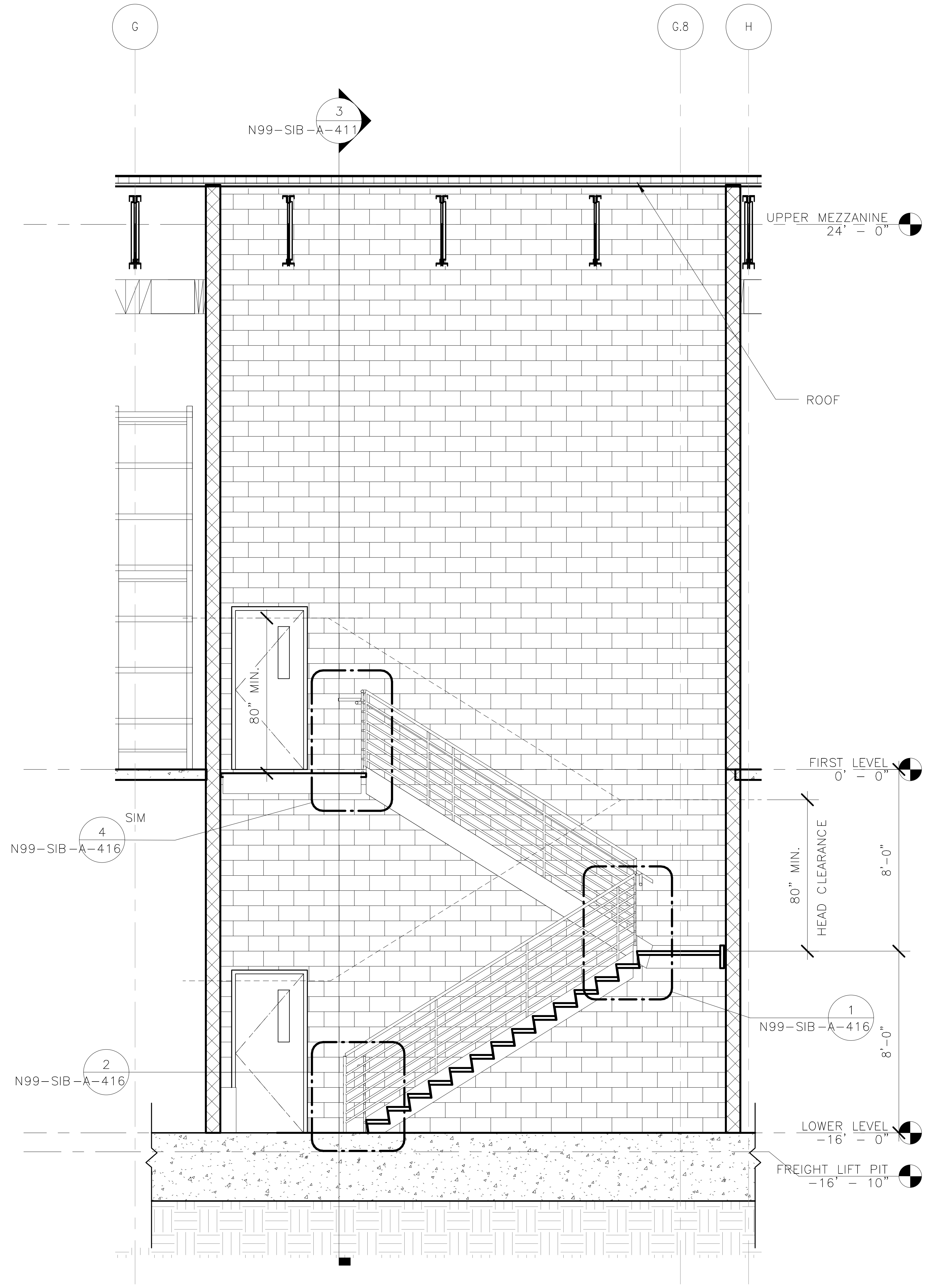
STAIR 1 - FIRST FLOOR PLAN VIEW
1/4" = 1'-0"

NORTH



3
N99-SIB-A-411

STAIR 1 - CROSS SECTION
1/4" = 1'-0"



4
N99-SIB-A-411

STAIR 1 - LONGITUDINAL SECTION
1/4" = 1'-0"

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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED STAIR PLANS AND SECTIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-411

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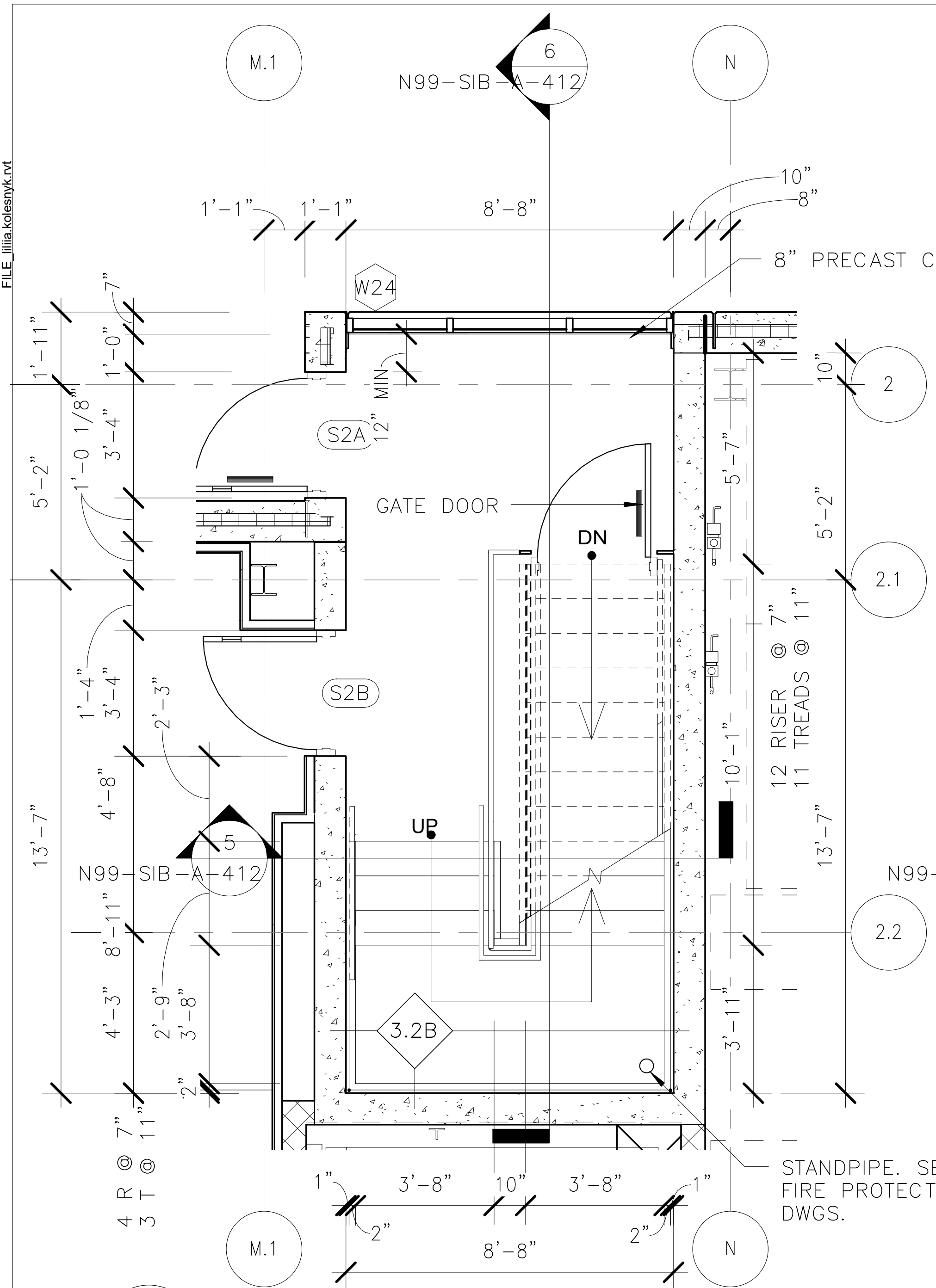
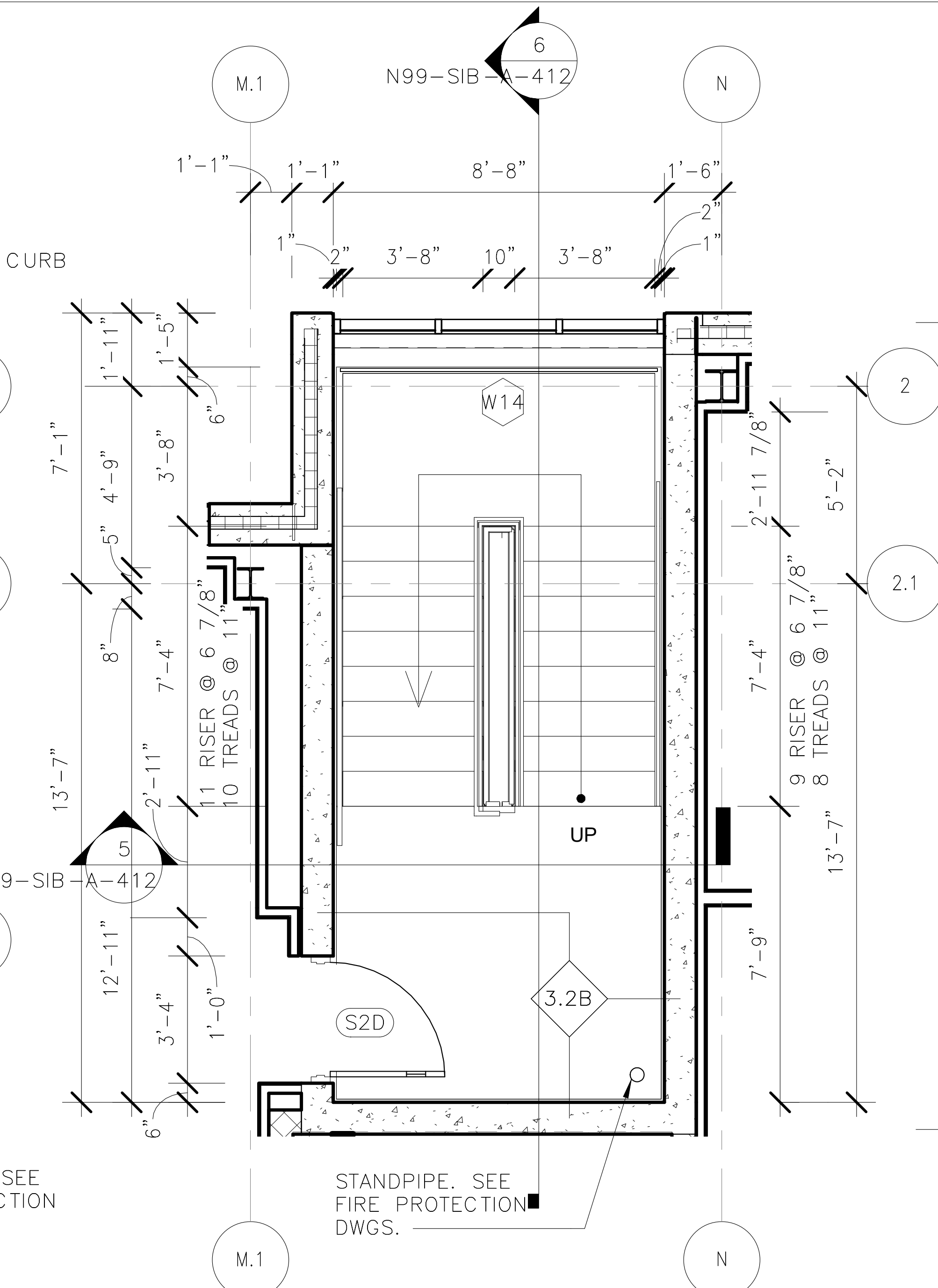
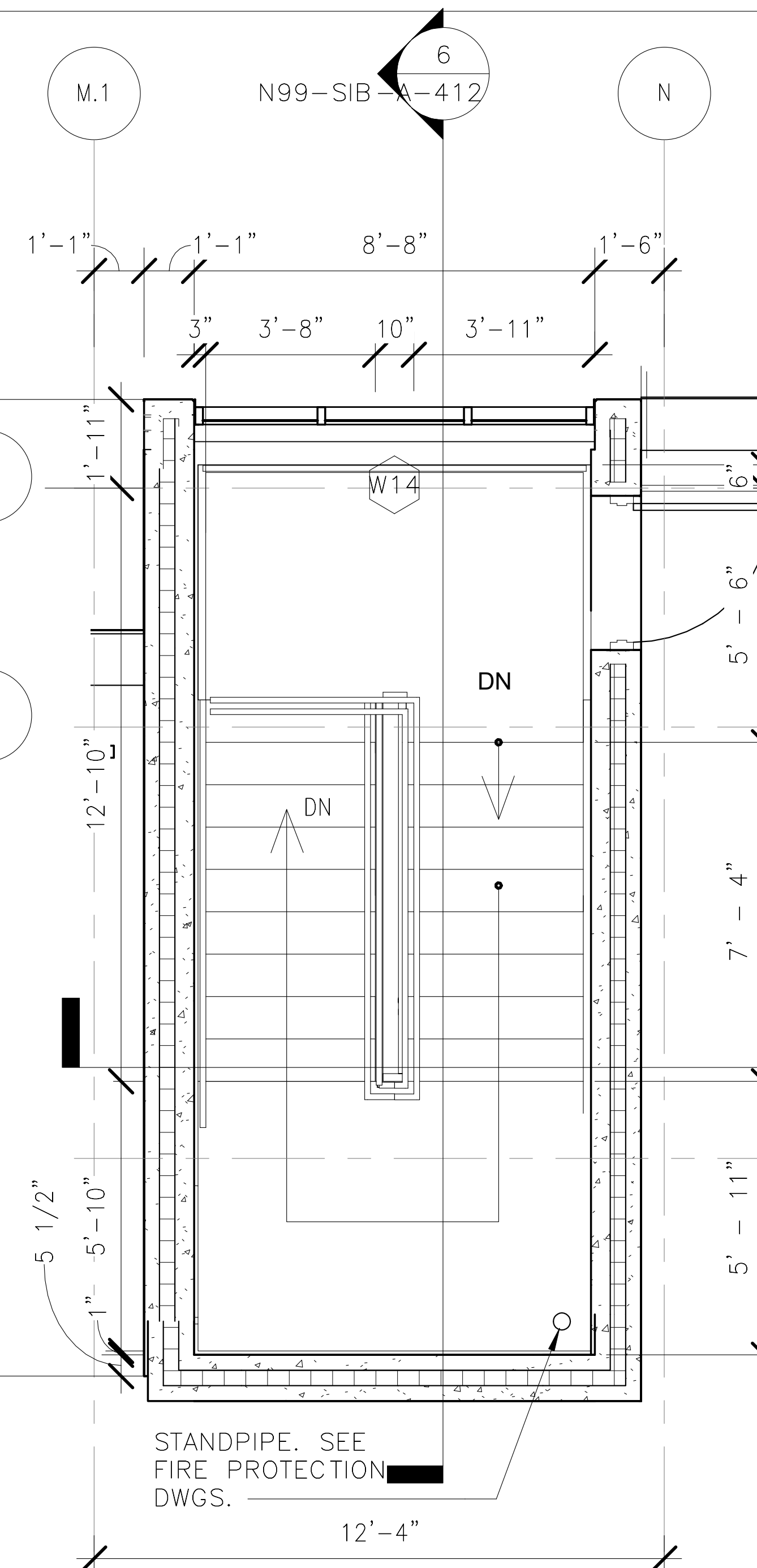


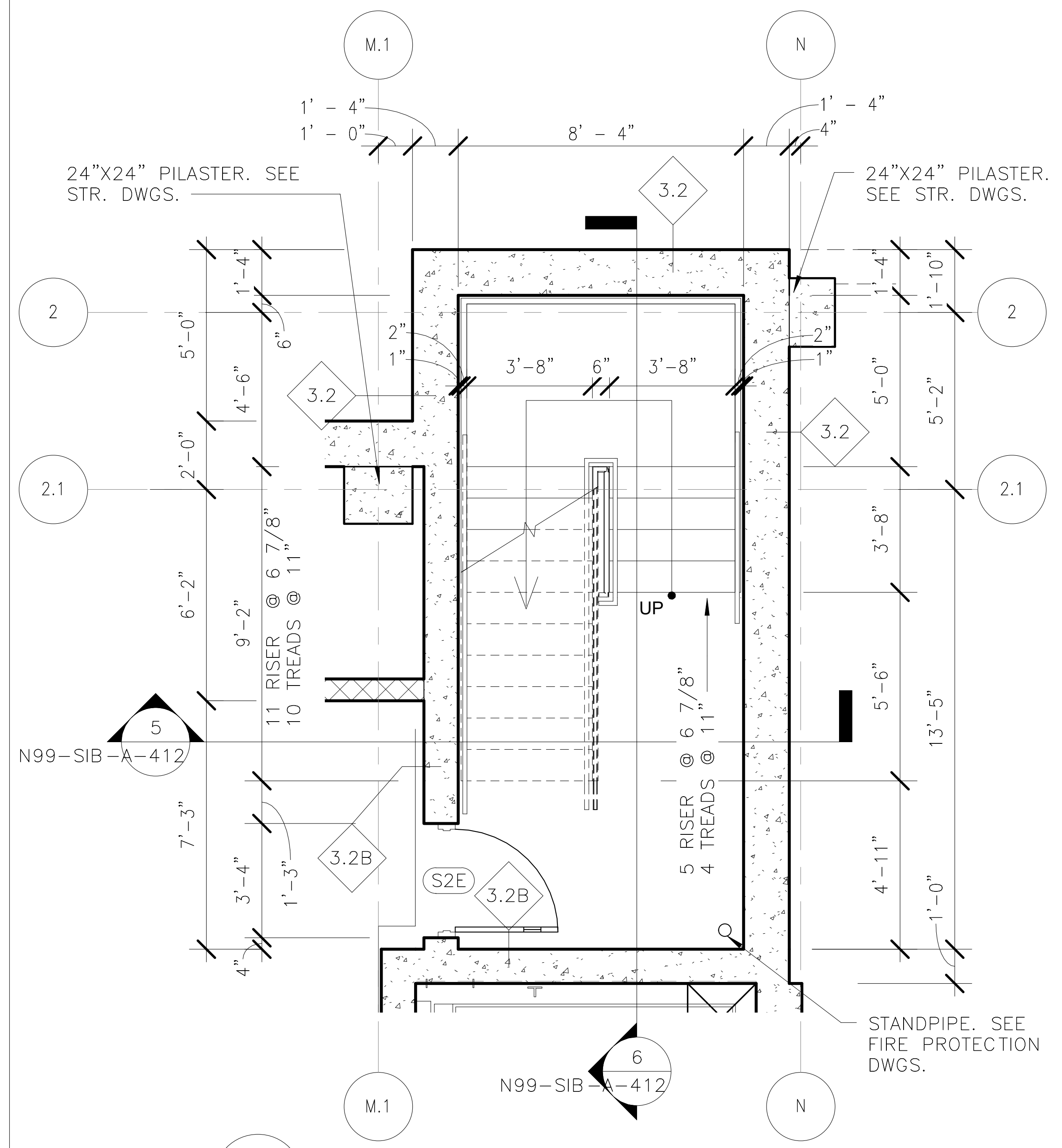
3
STAIR 2 - FIRST FLOOR PLAN VIEW
N99-SIB-A-412
N99-SIB-A-113
1/4" = 1'-0"



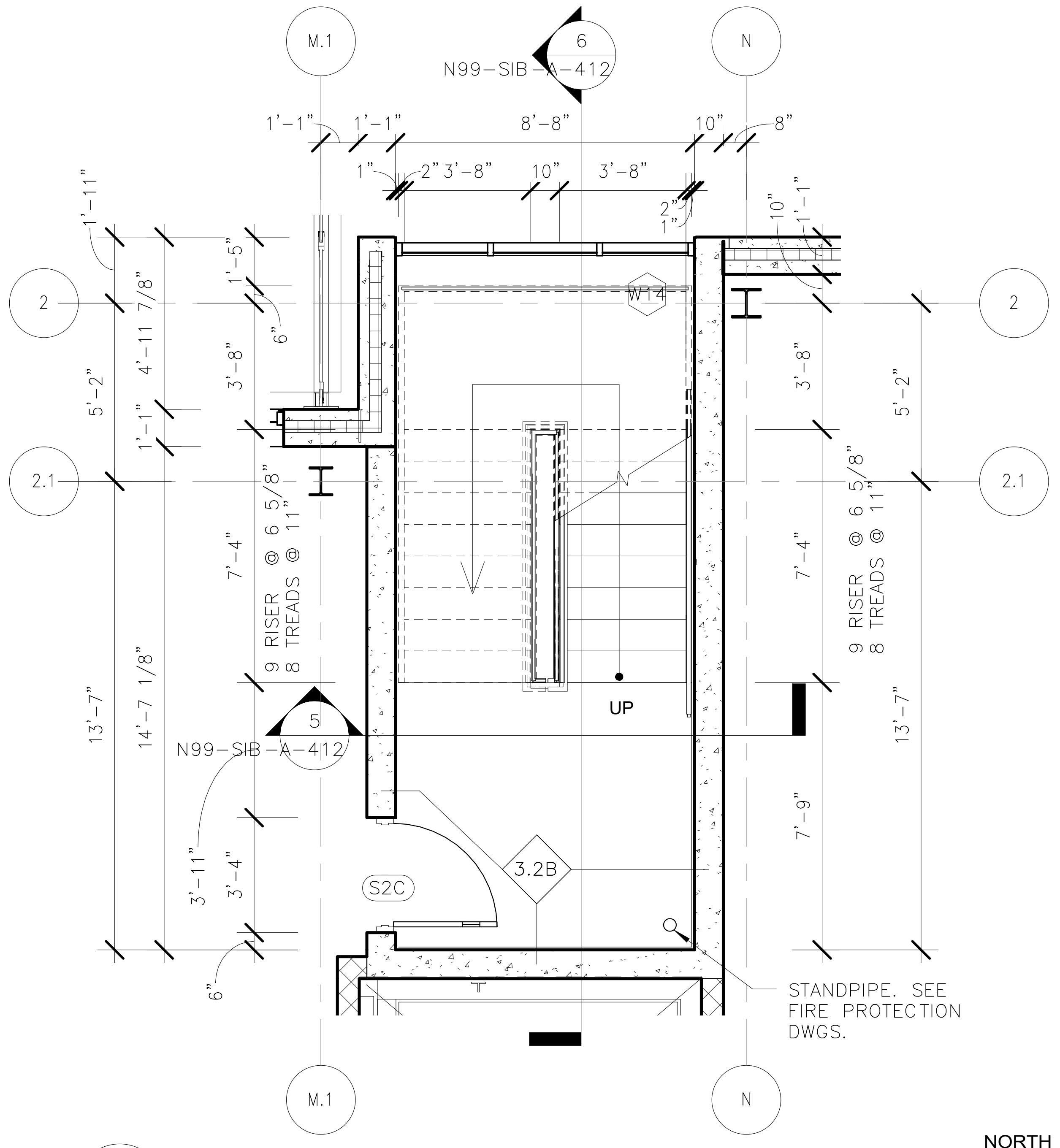
4
STAIR 2 - UPPER MEZZANINE FLOOR PLAN VIEW
N99-SIB-A-412
N99-SIB-A-133
1/4" = 1'-0"



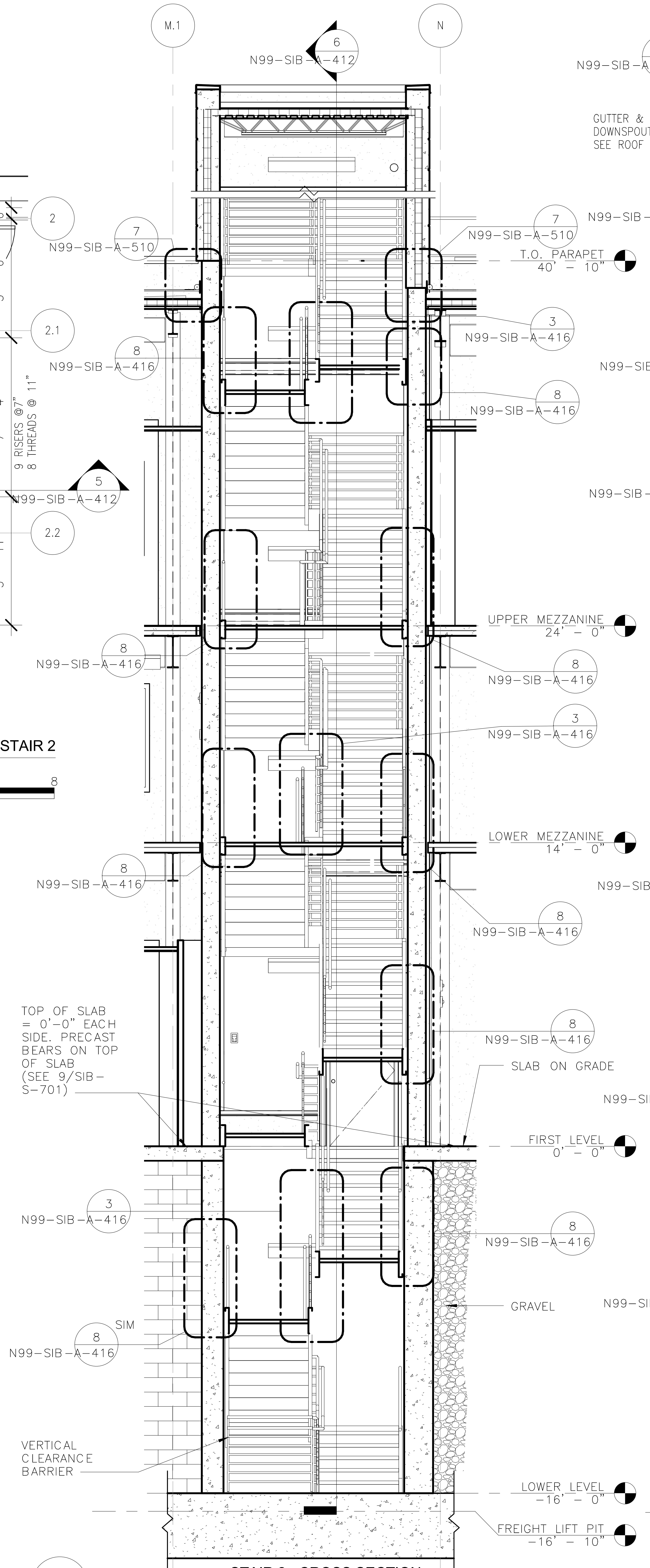
7
ENLARGED ROOF PLAN - STAIR 2
N99-SIB-A-412
N99-SIB-A-143
1/4" = 1'-0"



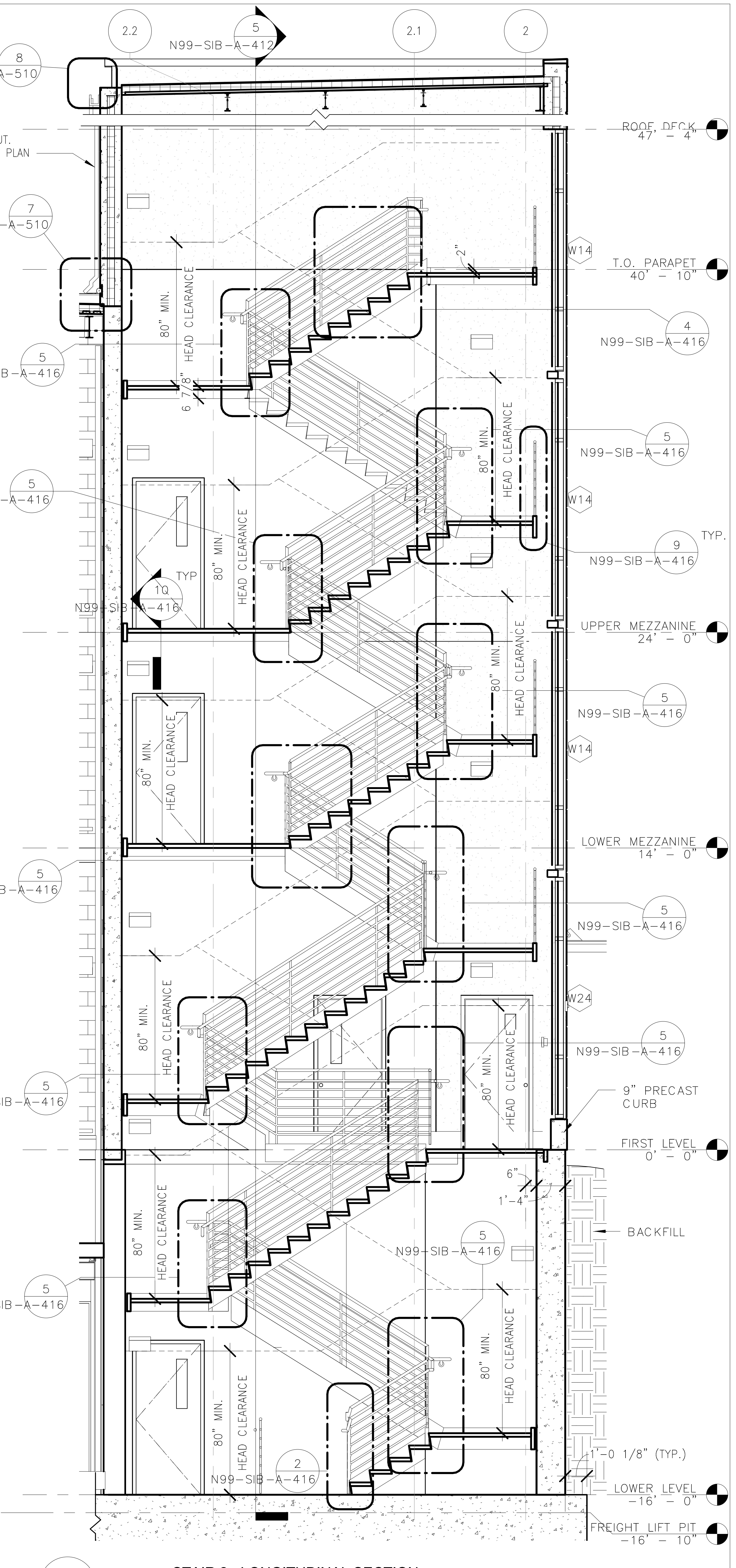
1
STAIR 2 - BASEMENT/PIT FLOOR PLAN VIEW
N99-SIB-A-412
N99-SIB-A-103
1/4" = 1'-0"



2
STAIR 2 - LOWER MEZZANINE FLOOR PLAN VIEW
N99-SIB-A-412
N99-SIB-A-122
1/4" = 1'-0"



5
STAIR 2 - CROSS SECTION
N99-SIB-A-412
1/4" = 1'-0"



6
STAIR 2 - LONGITUDINAL SECTION
N99-SIB-A-412
1/4" = 1'-0"

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

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SIB - ENLARGED STAIR PLANS AND SECTIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-412

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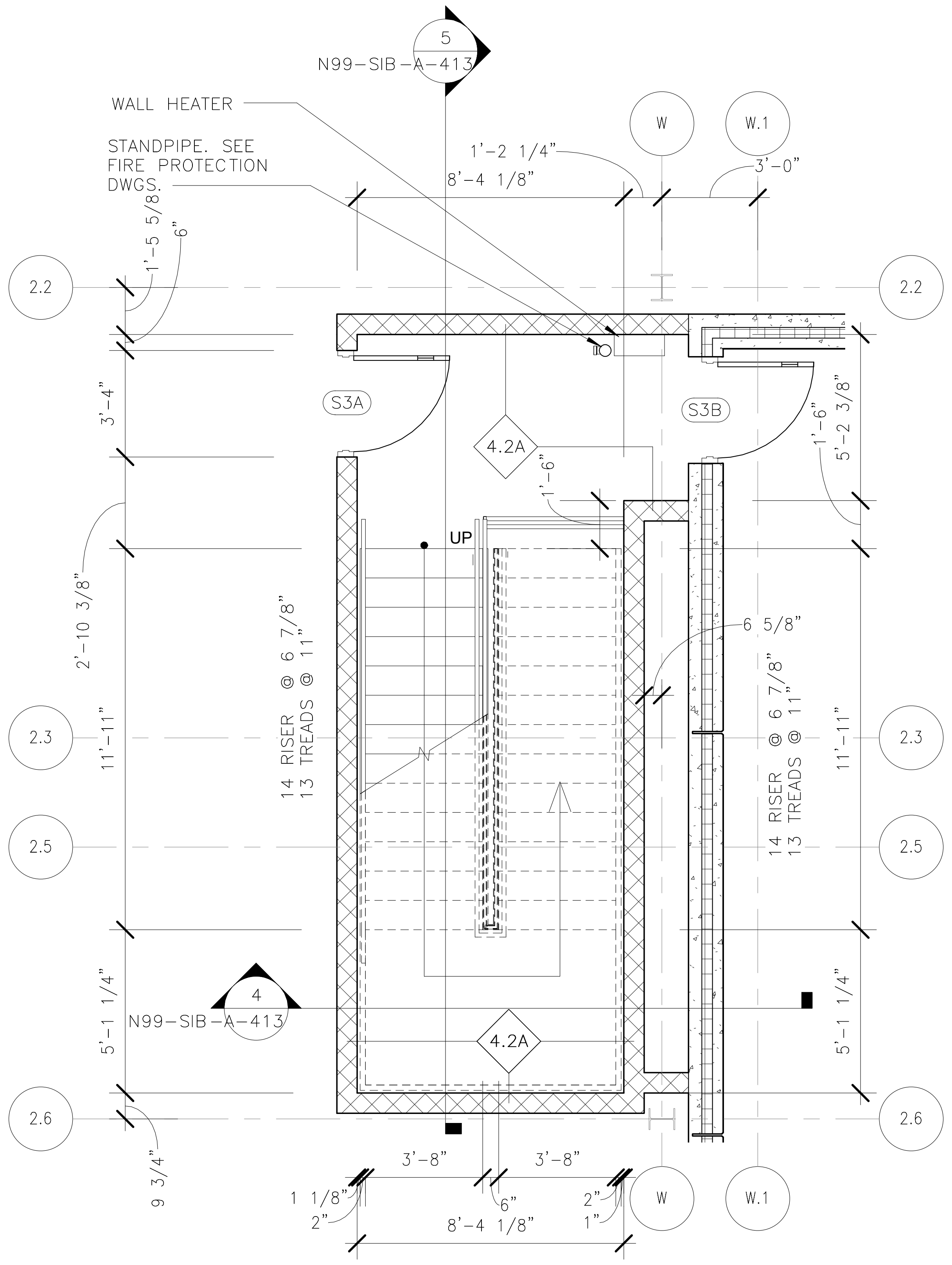
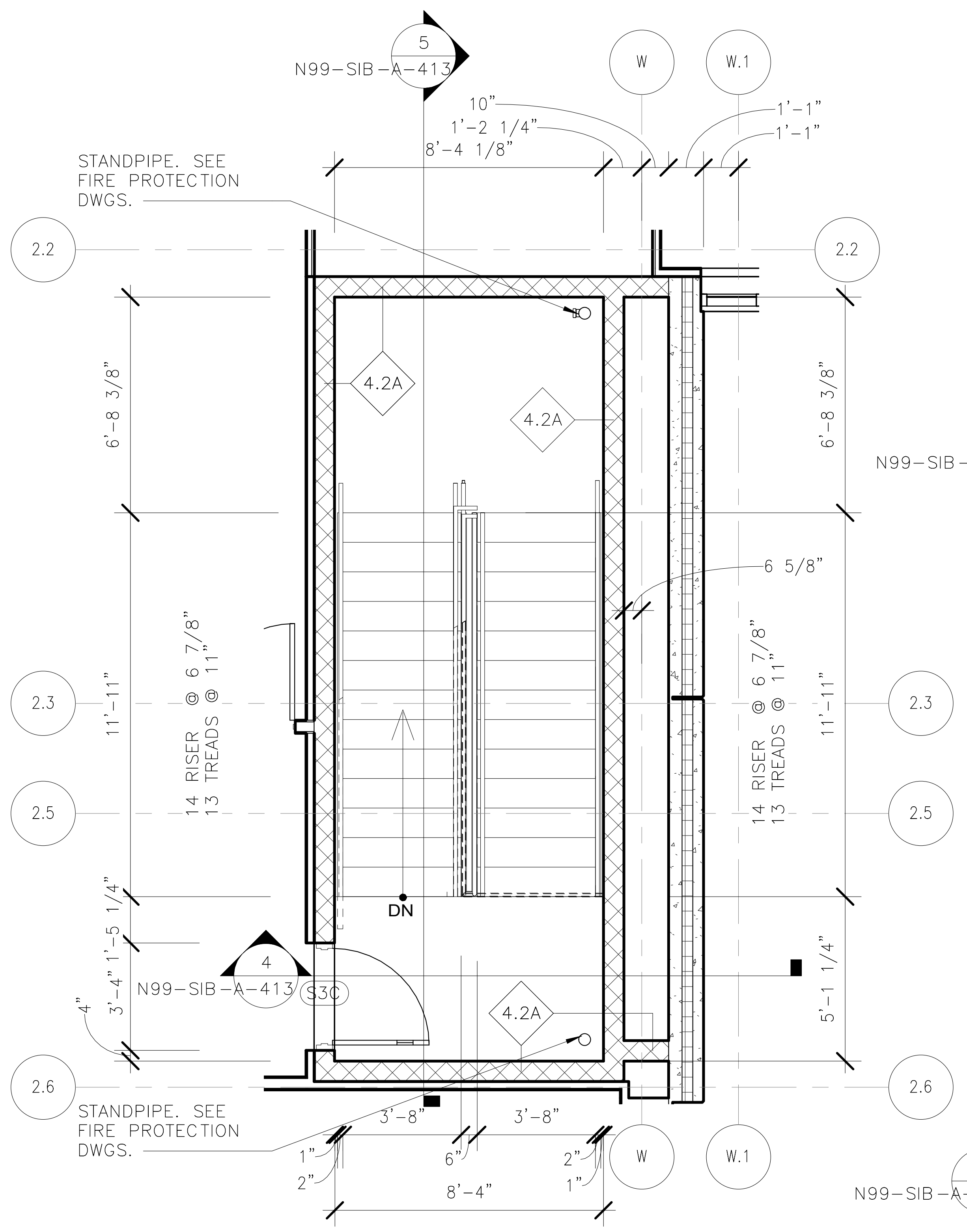


1
N99-SIB-A-413
N99-SIB-A-114

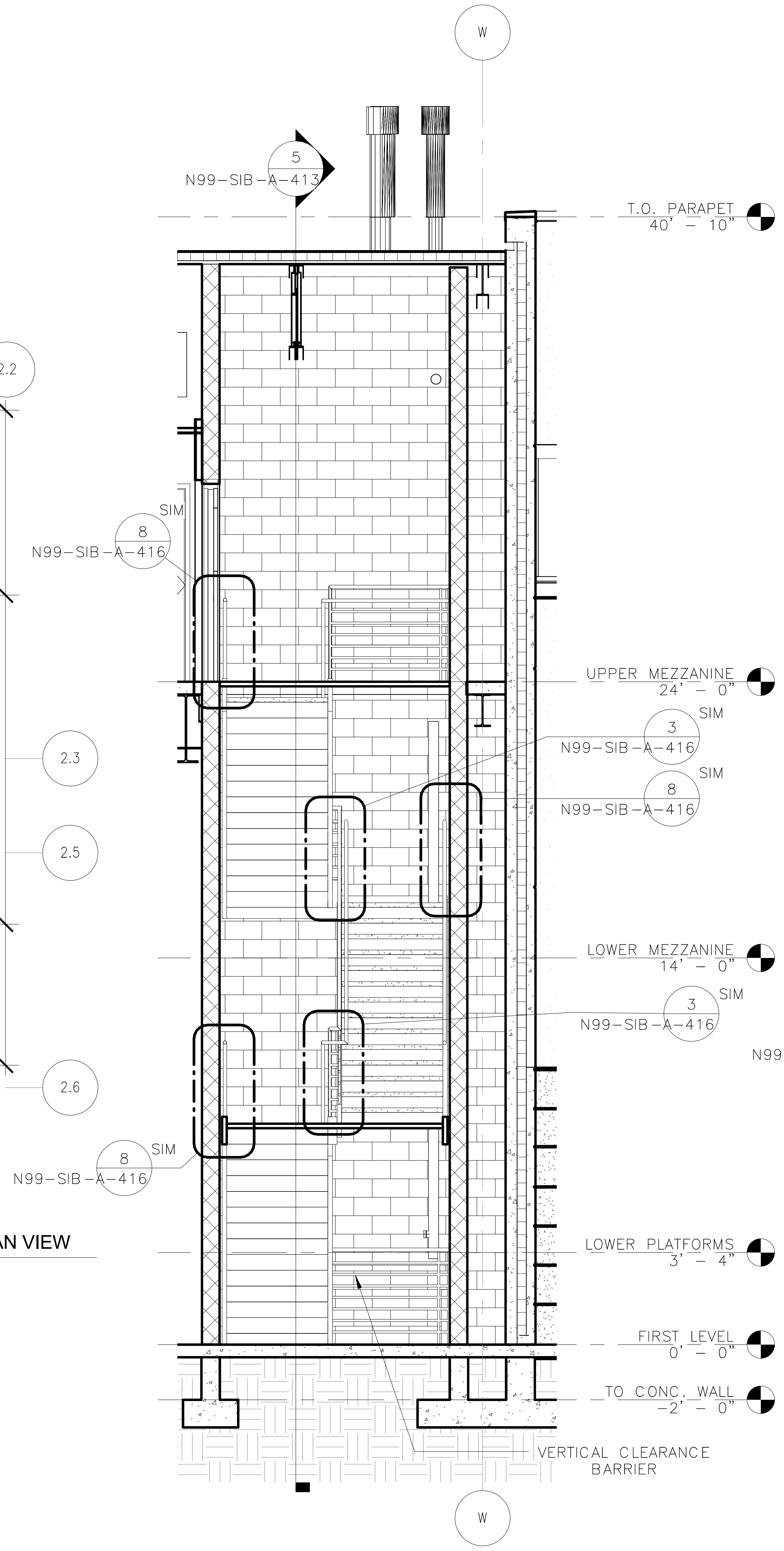
STAIR 3 - FIRST FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8

NORTH



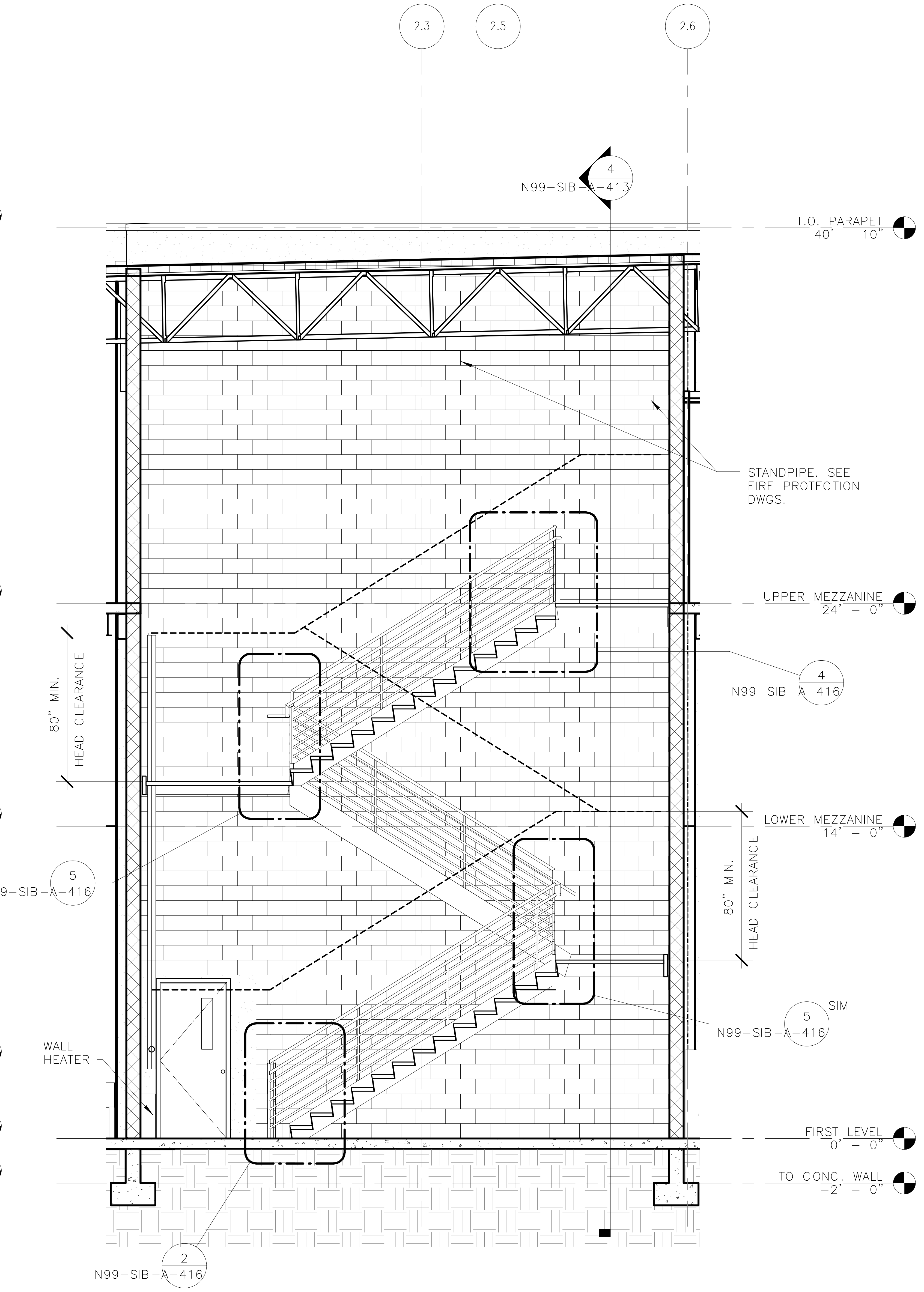
3
N99-SIB-A-413
N99-SIB-A-134

STAIR 3 - UPPER MEZZANINE FLOOR PLAN VIEW
1/4" = 1'-0"
4 3 2 1 0 4 8



4
N99-SIB-A-413

STAIR 3 - CROSS SECTION
1/4" = 1'-0"
4 3 2 1 0 4 8



5
N99-SIB-A-413

STAIR 3 - LONGITUDINAL SECTION
1/4" = 1'-0"
4 3 2 1 0 4 8

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED STAIR PLANS AND SECTIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-413

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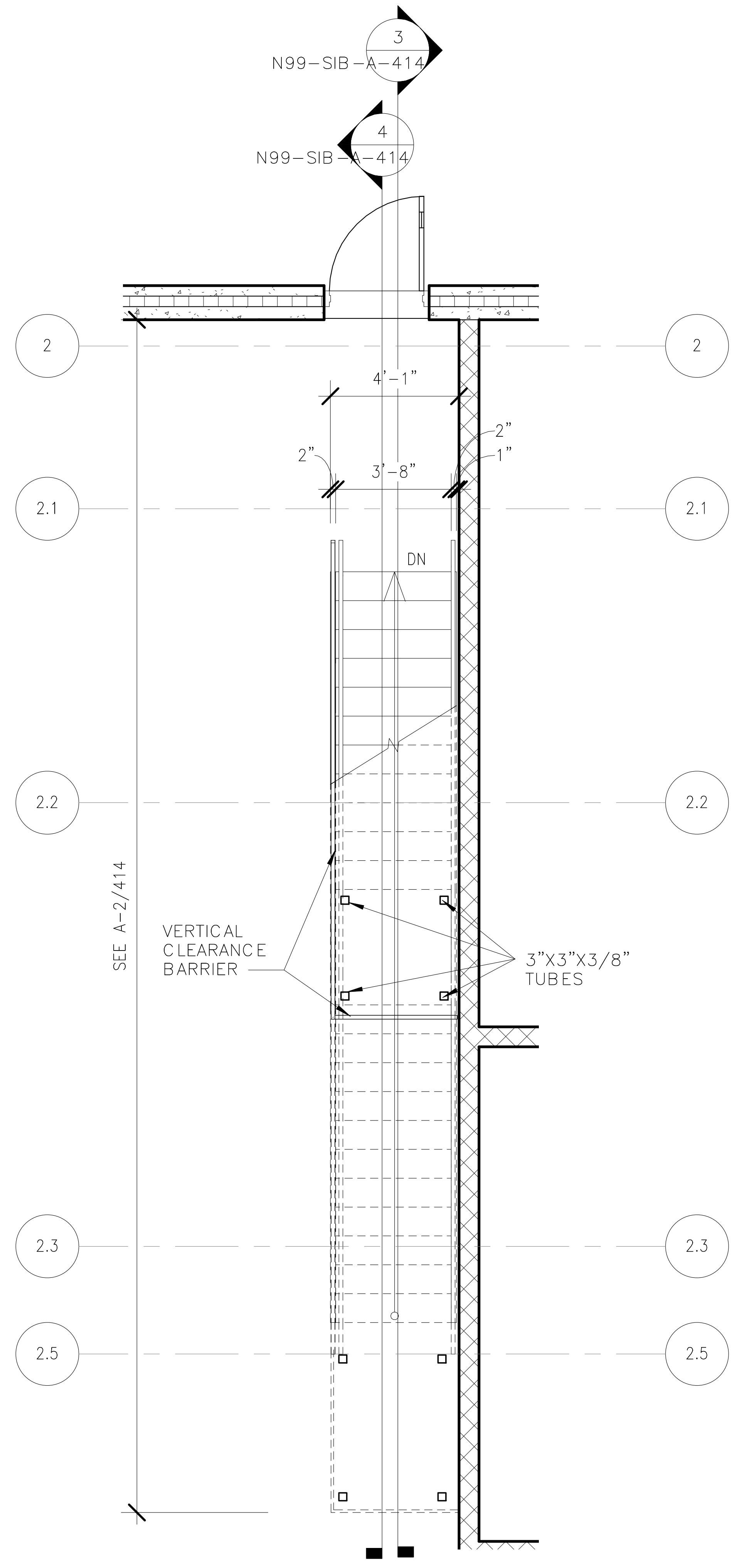
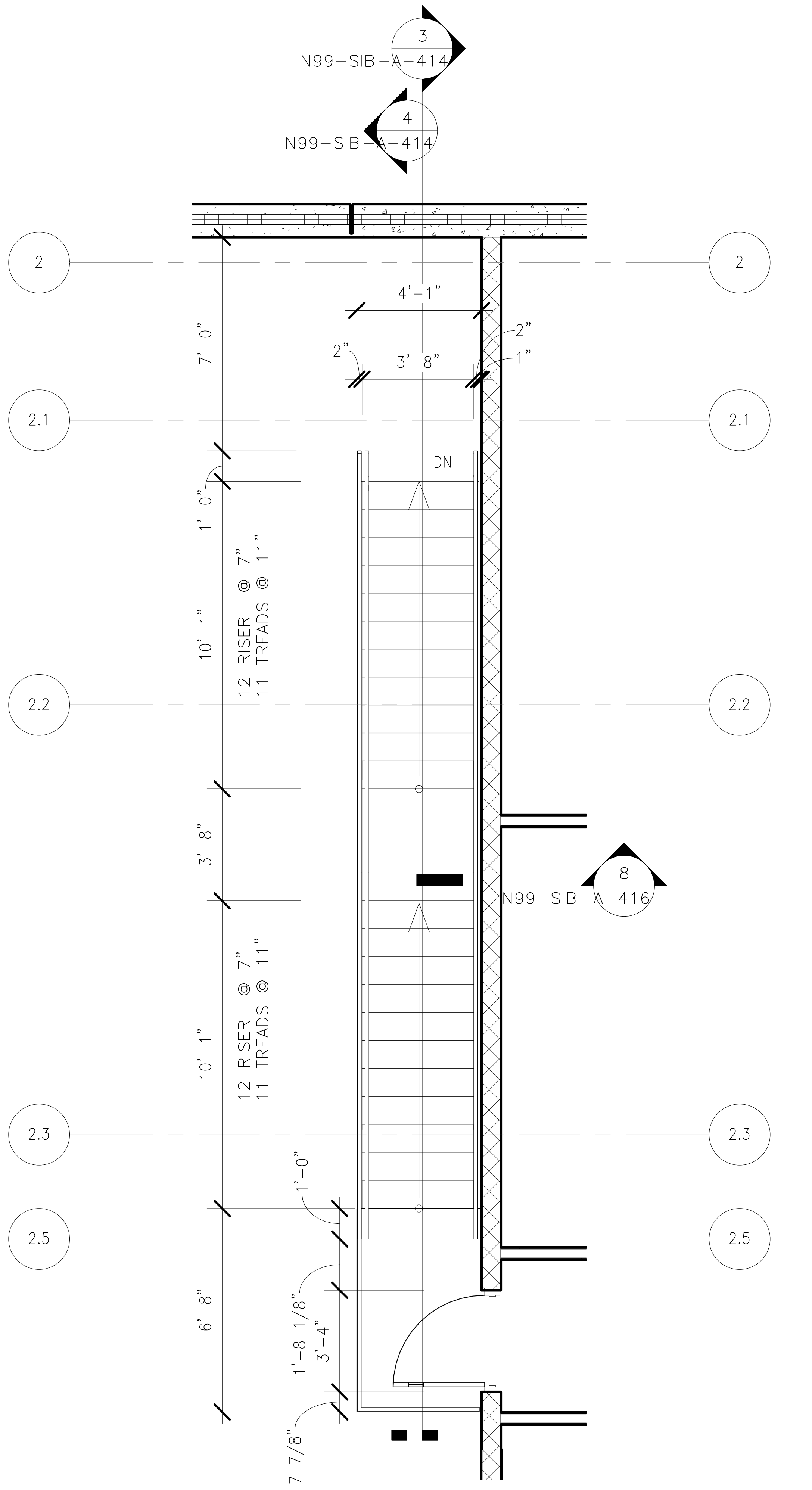


1
N99-SIB-A-414
N99-SIB-A-112

STAIR 4 - FIRST FLOOR PLAN VIEW
1/4" = 1'-0"

NORTH



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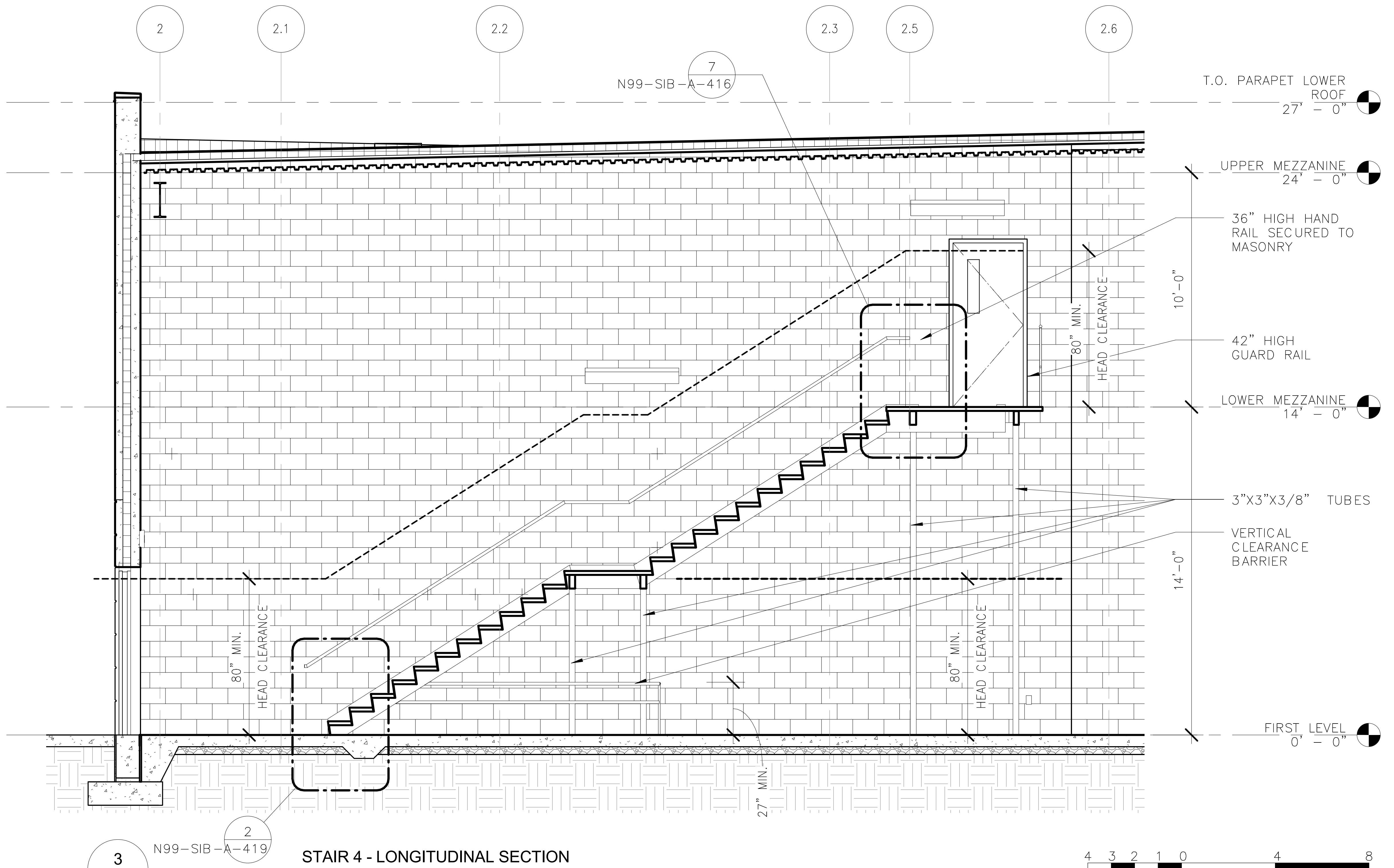
N99-SIB-A-122

STAIR 4 - LOWER MEZZANINE FLOOR PLAN VIEW
1/4" = 1'-0"



3
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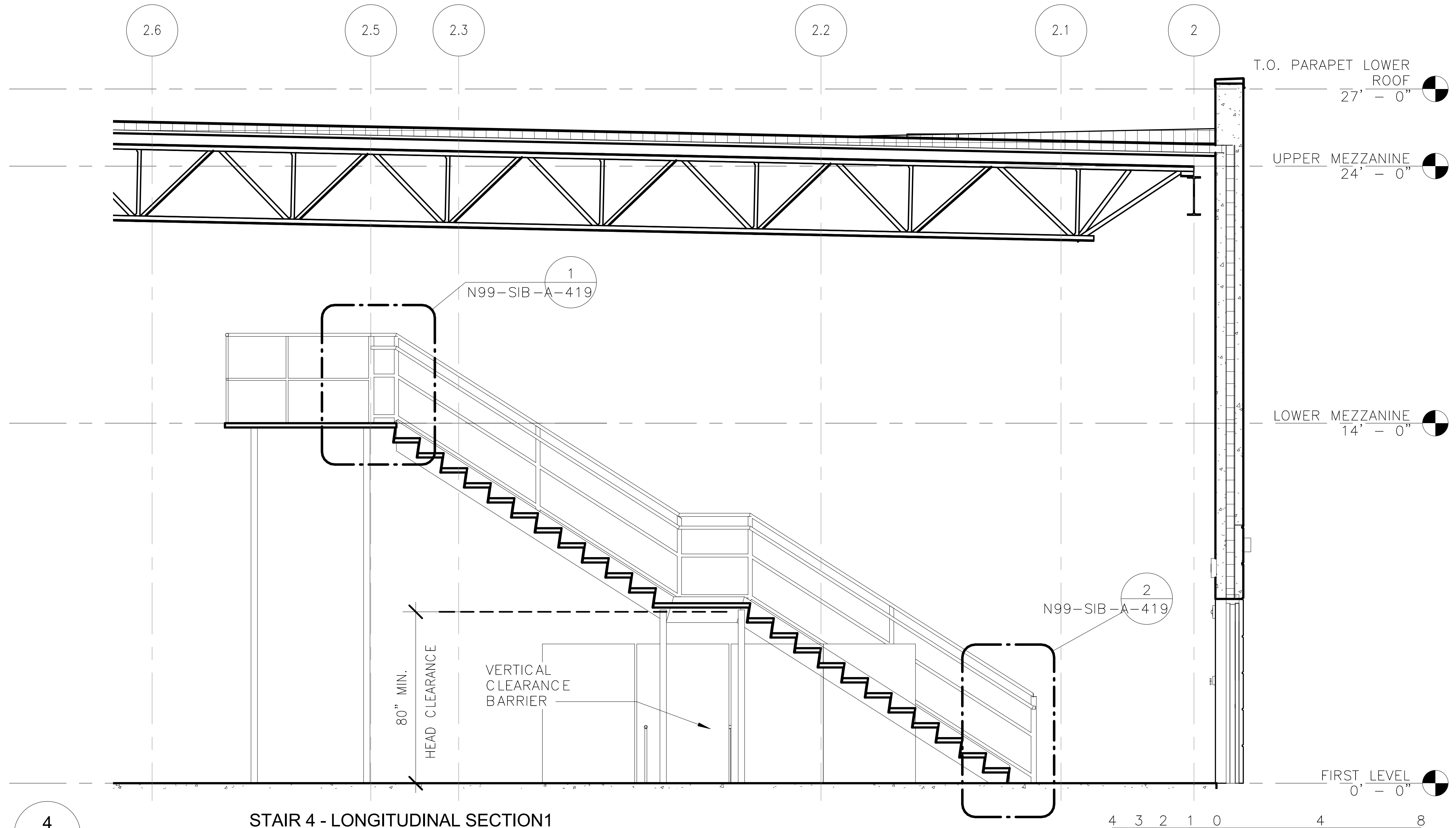
STAIR 4 - LONGITUDINAL SECTION
1/4" = 1'-0"



4
N99-SIB-A-414

STAIR 4 - LONGITUDINAL SECTION1
1/4" = 1'-0"

2/16/2017 5:11:14 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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M. GIULIANI	02/20/2017
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GIULIANI
No. 011155

METROPOLITAN WASHINGTON
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AREA TRANSIT AUTHORITY

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DULLES CORRIDOR
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WMATA LDP 2009
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CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED STAIR PLANS AND SECTIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-414

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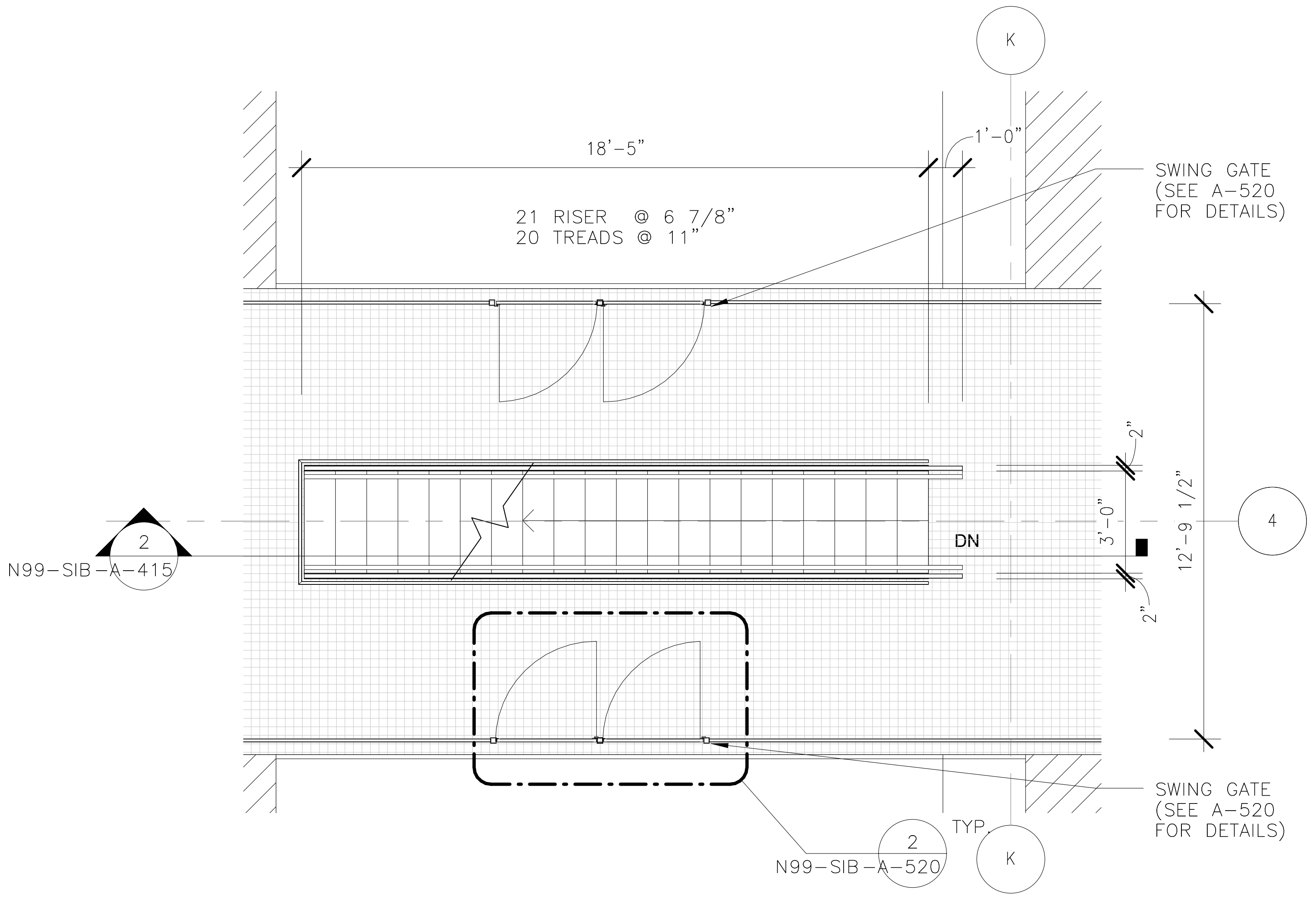
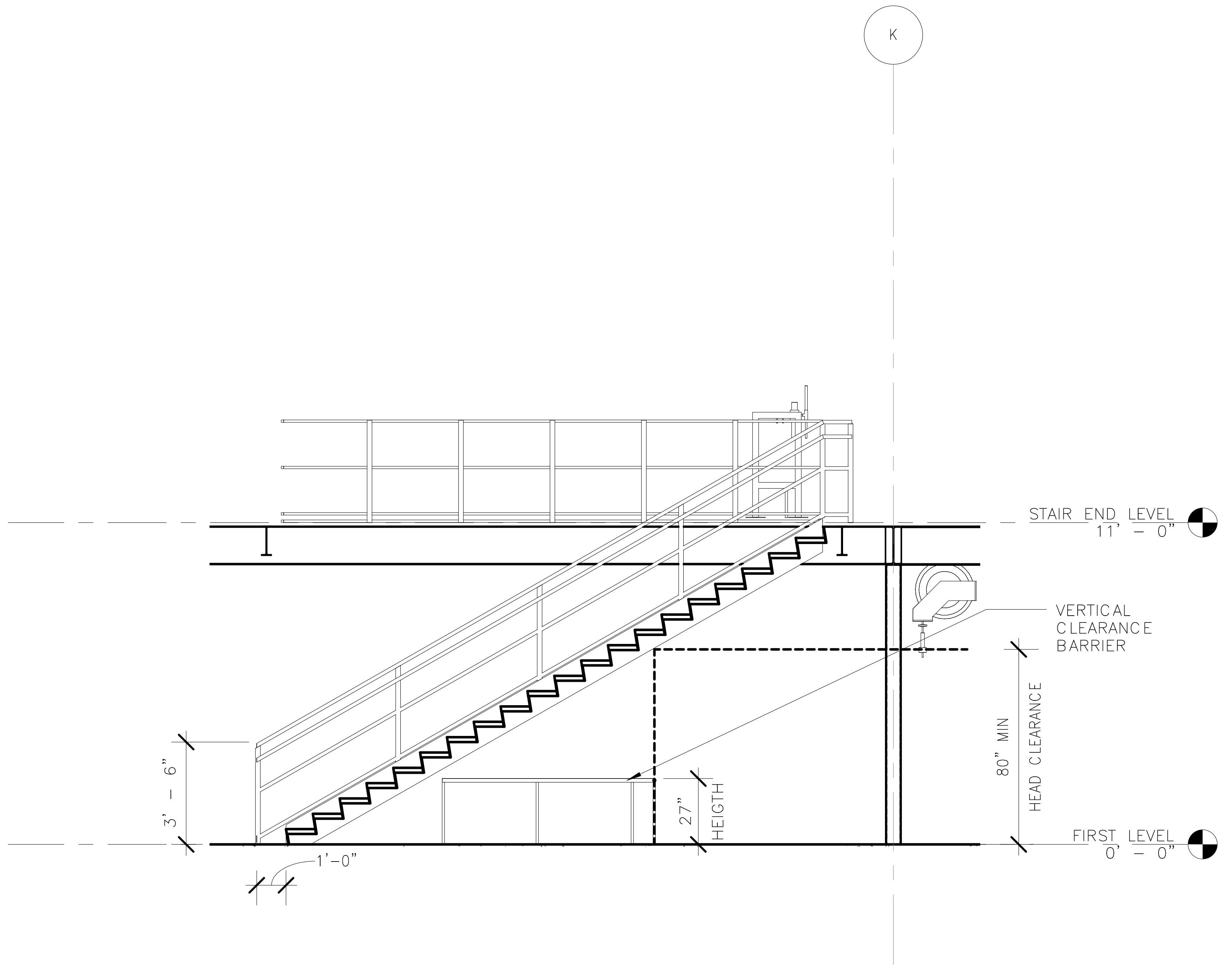


1
N99-SIB-A-415
N99-SIB-A-125

UPPER MEZZANINE TRAIN CAR STAIRS - TYPICAL DETAIL
1/4" = 1'-0"

NORTH



2
N99-SIB-A-415
N99-SIB-A-115

UPPER MEZZANINE TRAIN CAR STAIRS
1/4" = 1'-0"

2/16/2017 5:11:23 PM

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED STAIR PLANS AND SECTIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-415

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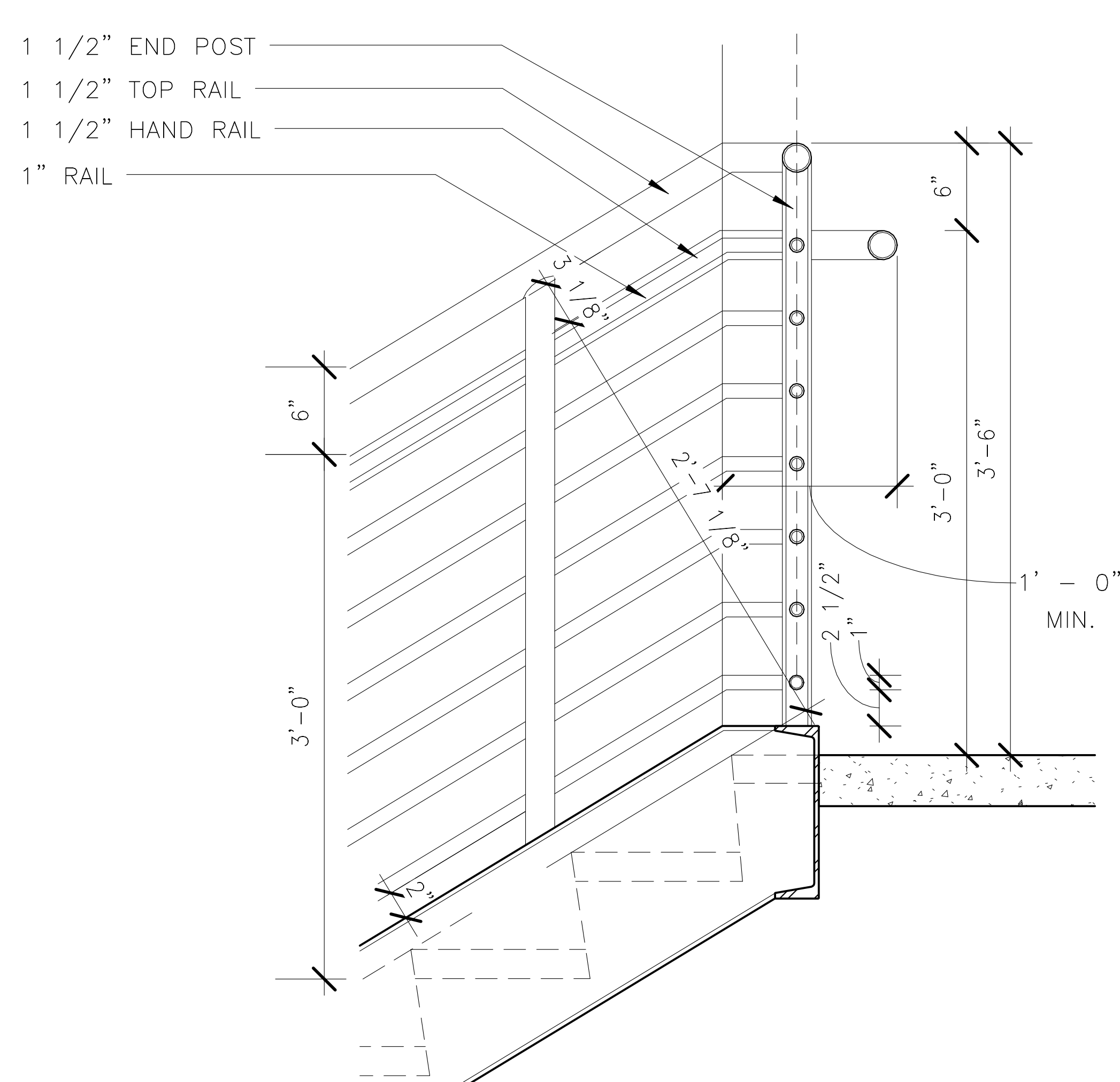
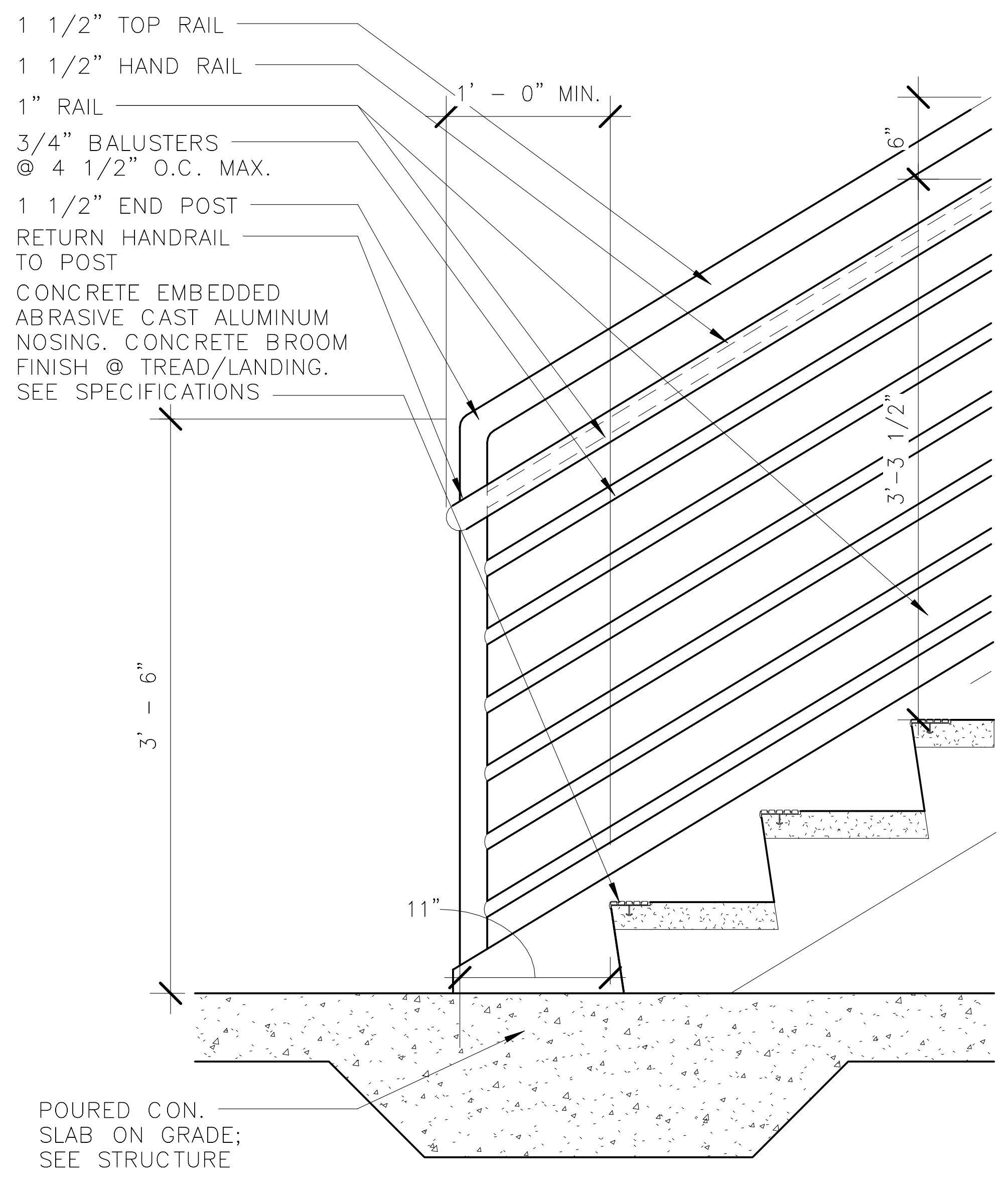
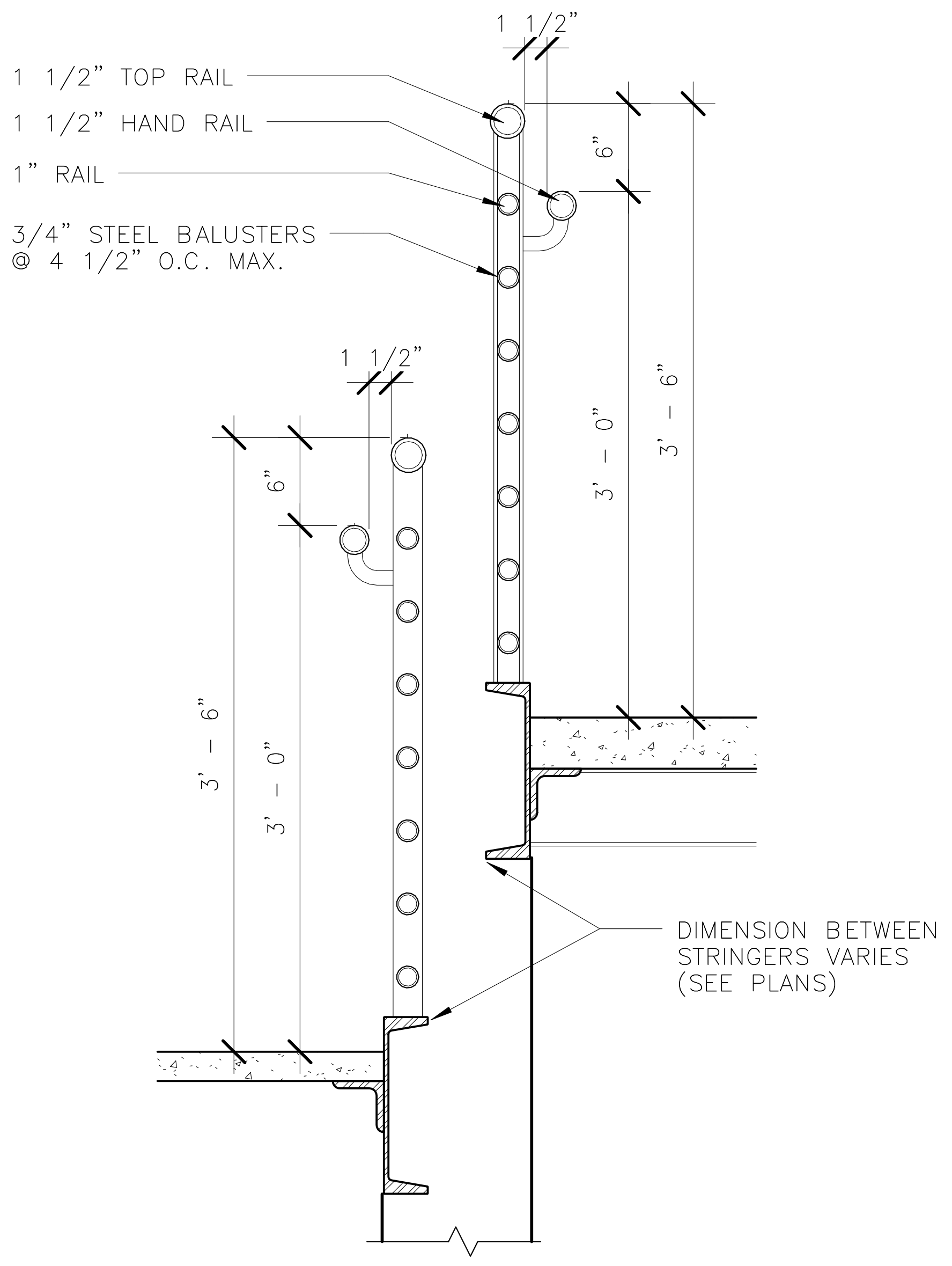


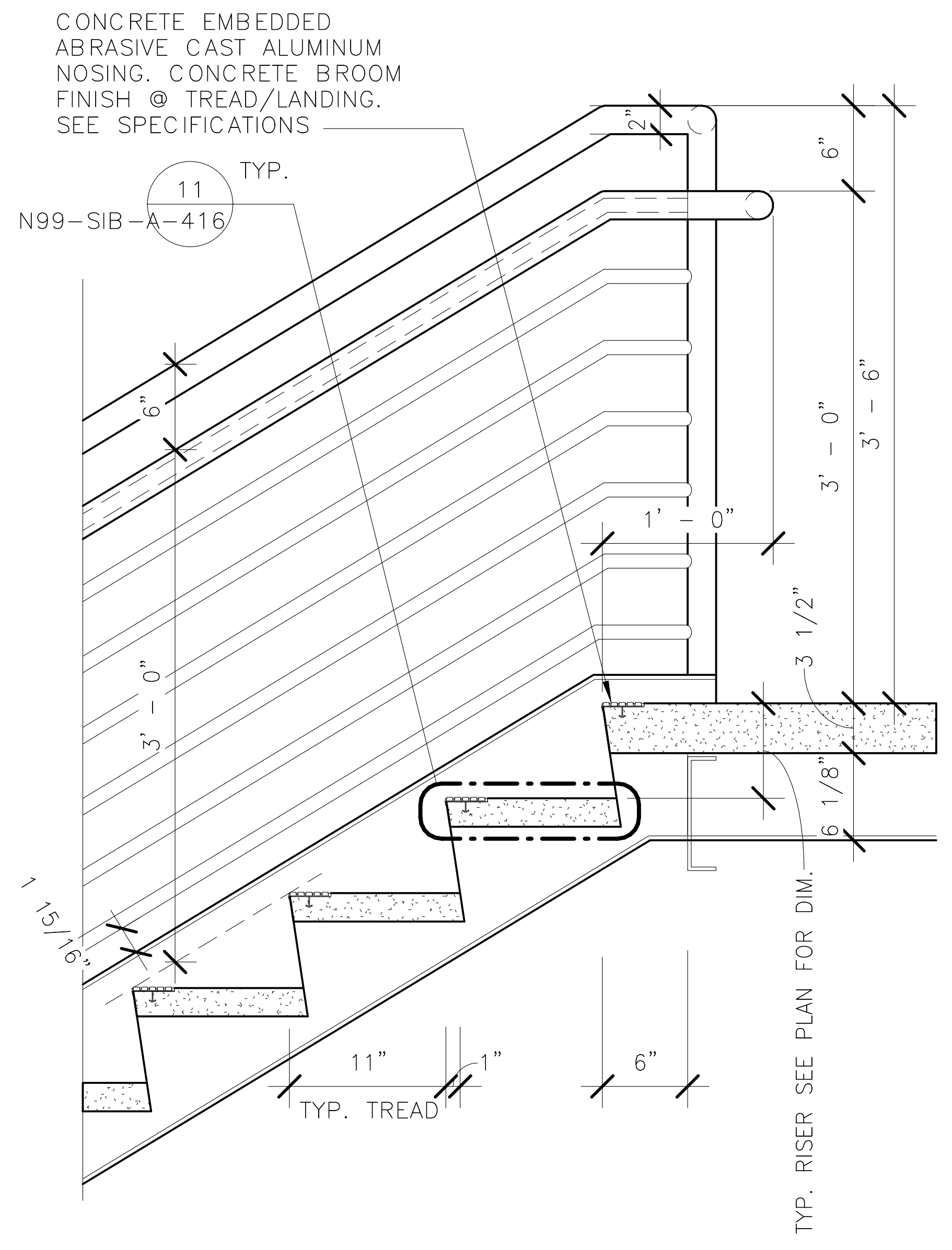
1 METAL FREE STANDING LANDING
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-411
N99-SIB-A-412
N99-SIB-A-413



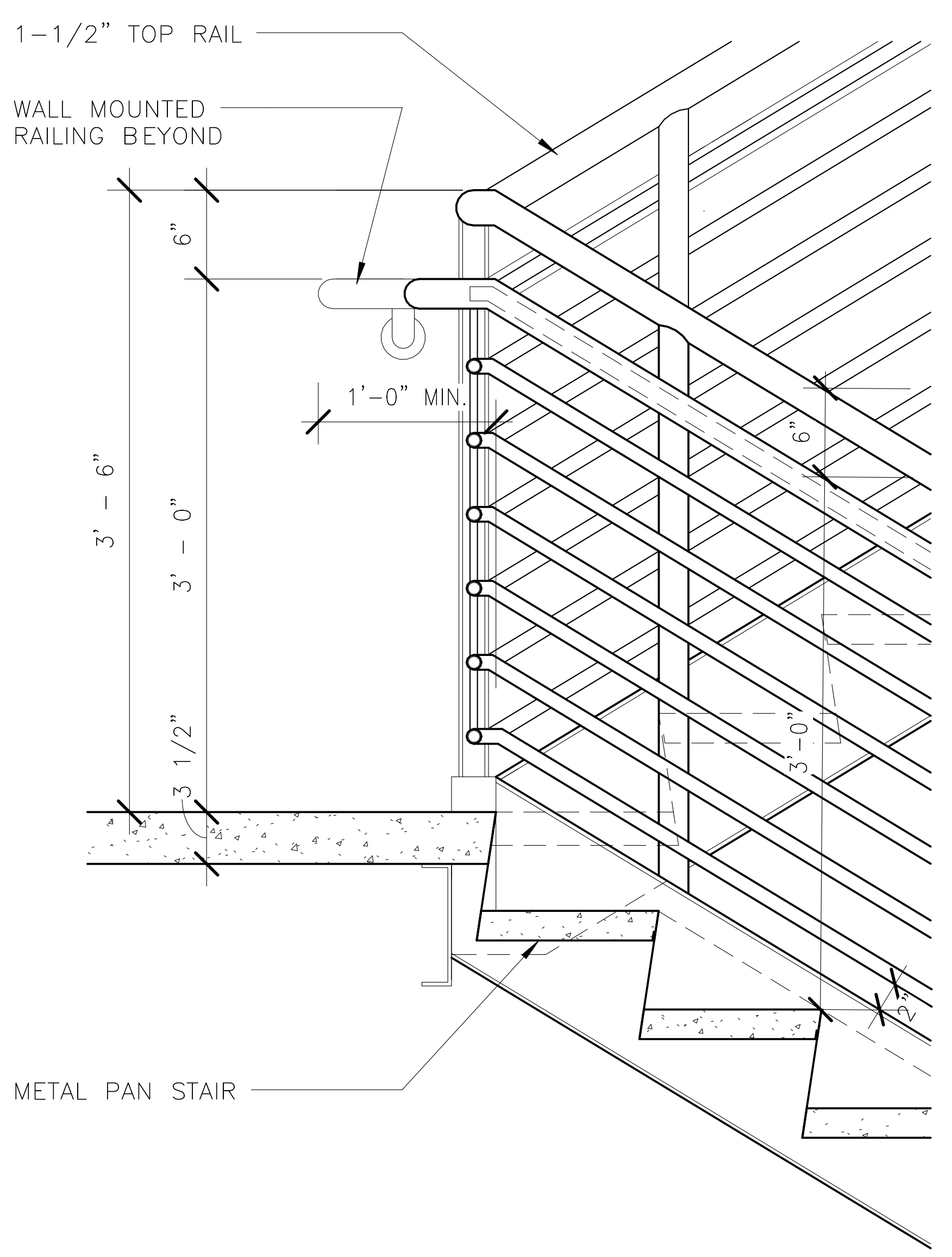
2 METAL STAIR BOTTOM LANDING
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-411
N99-SIB-A-412
N99-SIB-A-413



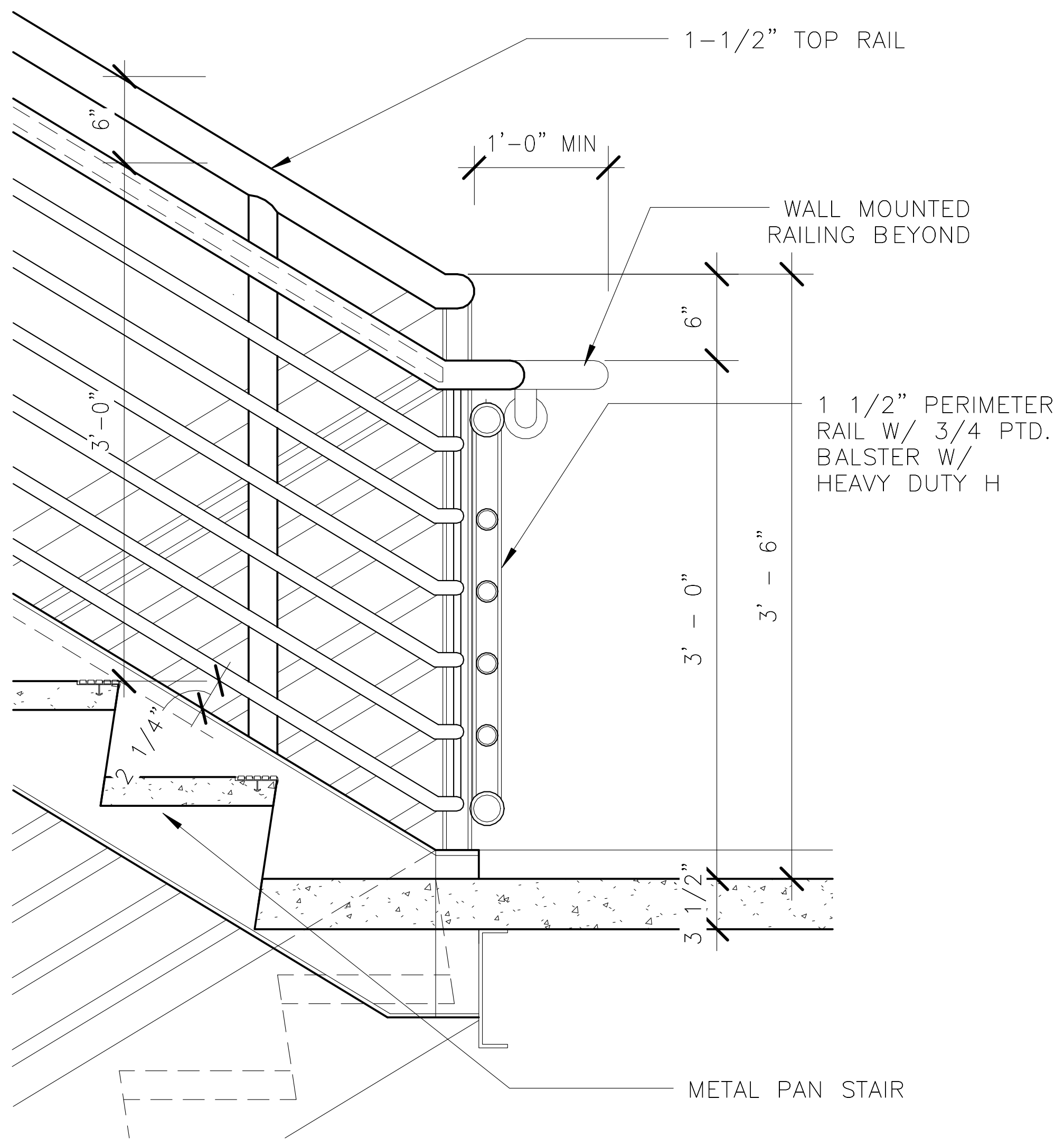
3 METAL STAIR CROSS SECTION
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-411
N99-SIB-A-412
N99-SIB-A-413



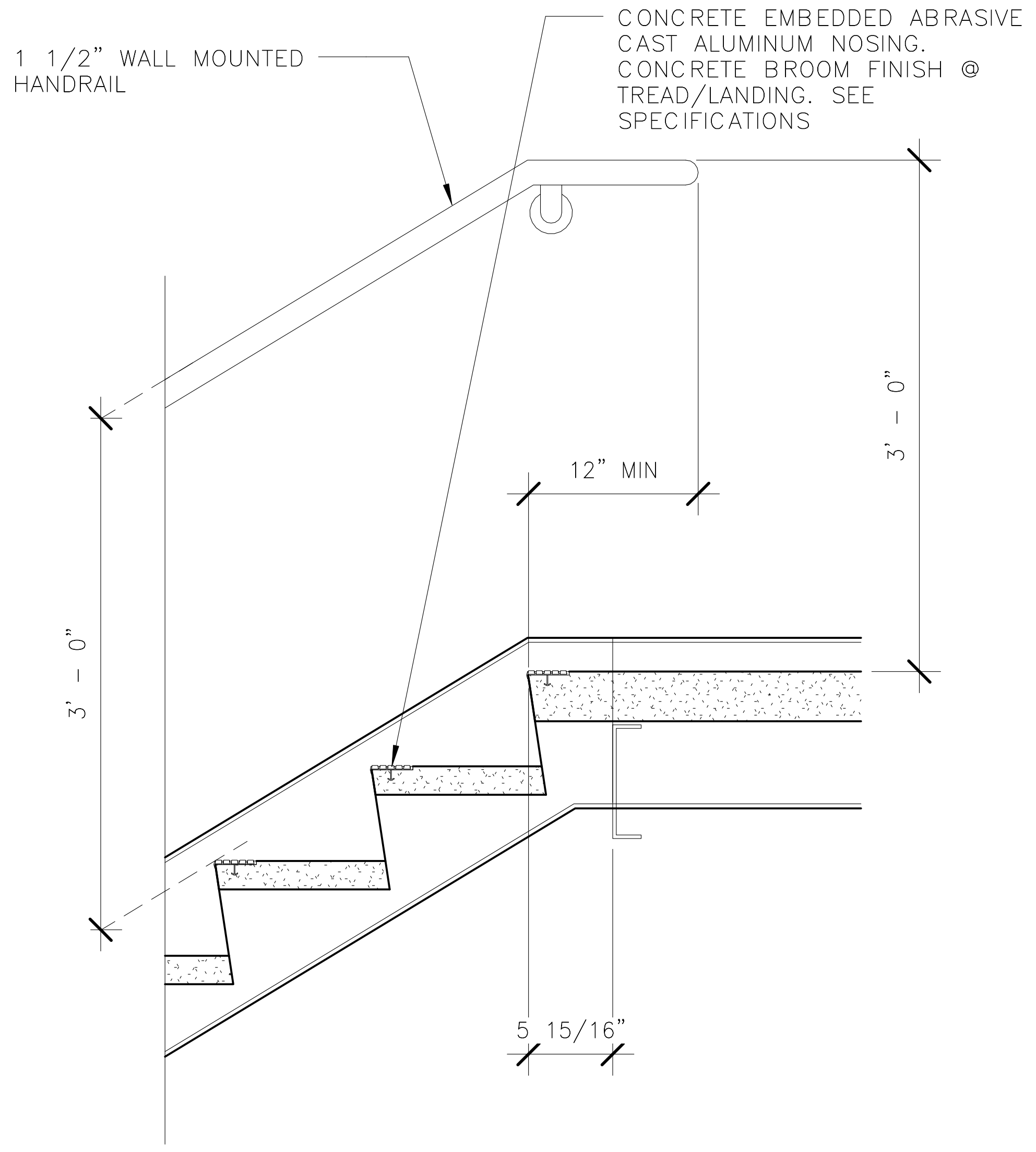
4 METAL STAIR LANDING DN
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-411
N99-SIB-A-412
N99-SIB-A-413



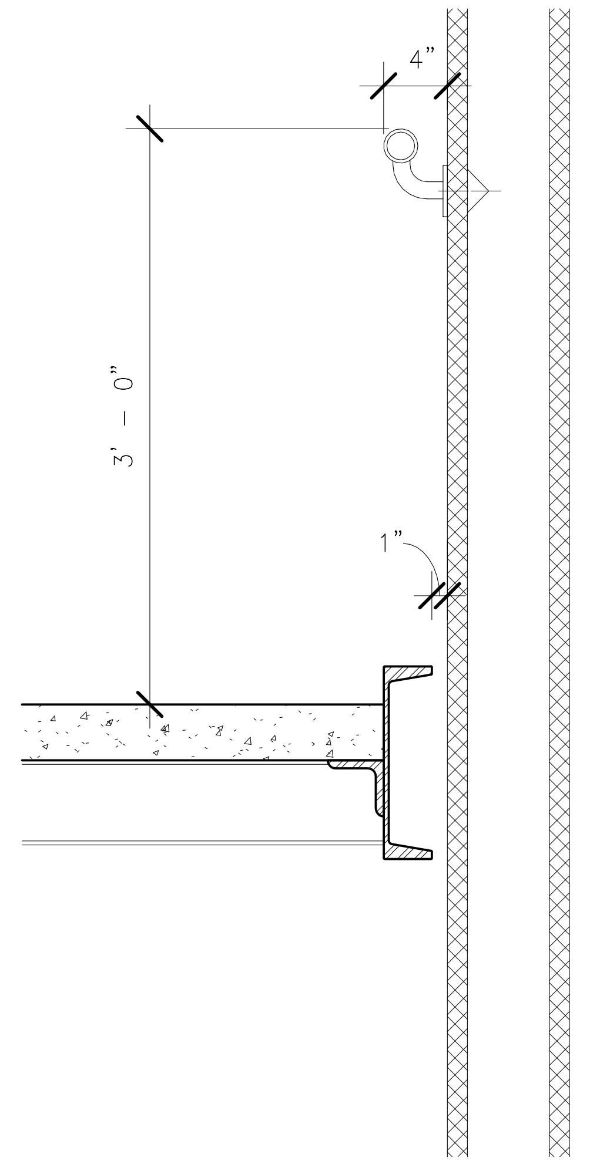
5 METAL SWITCHBACK LANDING
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-301
N99-SIB-A-412
N99-SIB-A-413



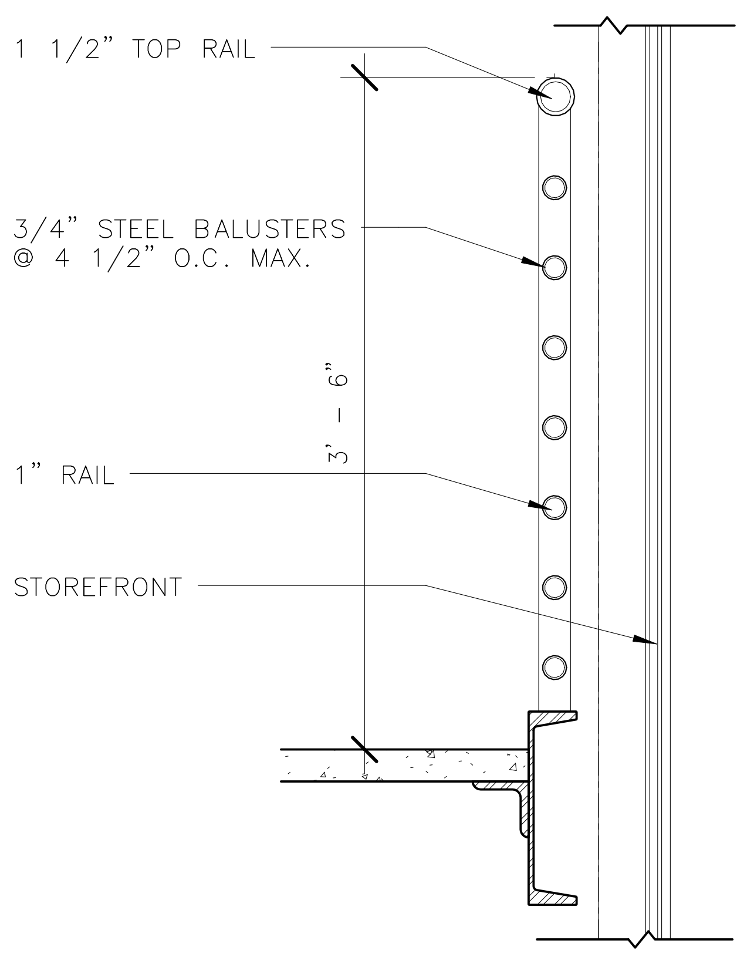
6 METAL STAIR SWITCHBACK W/ GATE
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-412
N99-SIB-A-413



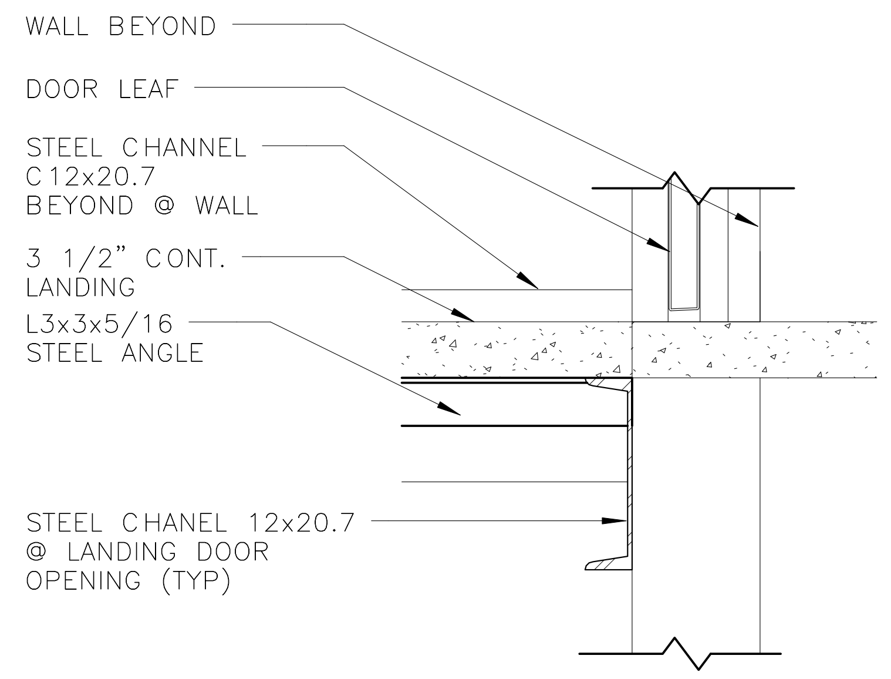
7 METAL STAIR TOP LANDING
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-414



8 METAL STAIR WALL SECTION @ LANDING
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-414



9 METAL STAIR @ STOREFRONT
1" = 1'-0"
N99-SIB-A-416
N99-SIB-A-412



10 METAL STAIR LANDING @DOOR OPENING
1" = 1'-0"
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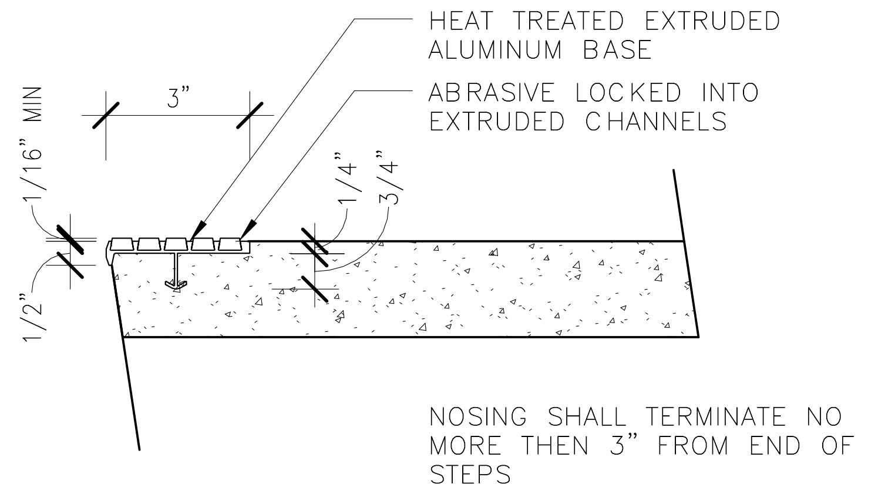
N99-SIB-A-412



11 STAIR NOSING DETAIL
3" = 1'-0"
N99-SIB-A-416

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - STAIR DETAILS
SCALE: 1" = 1'-0"
DRAWING NO.: N99-SIB-A-416

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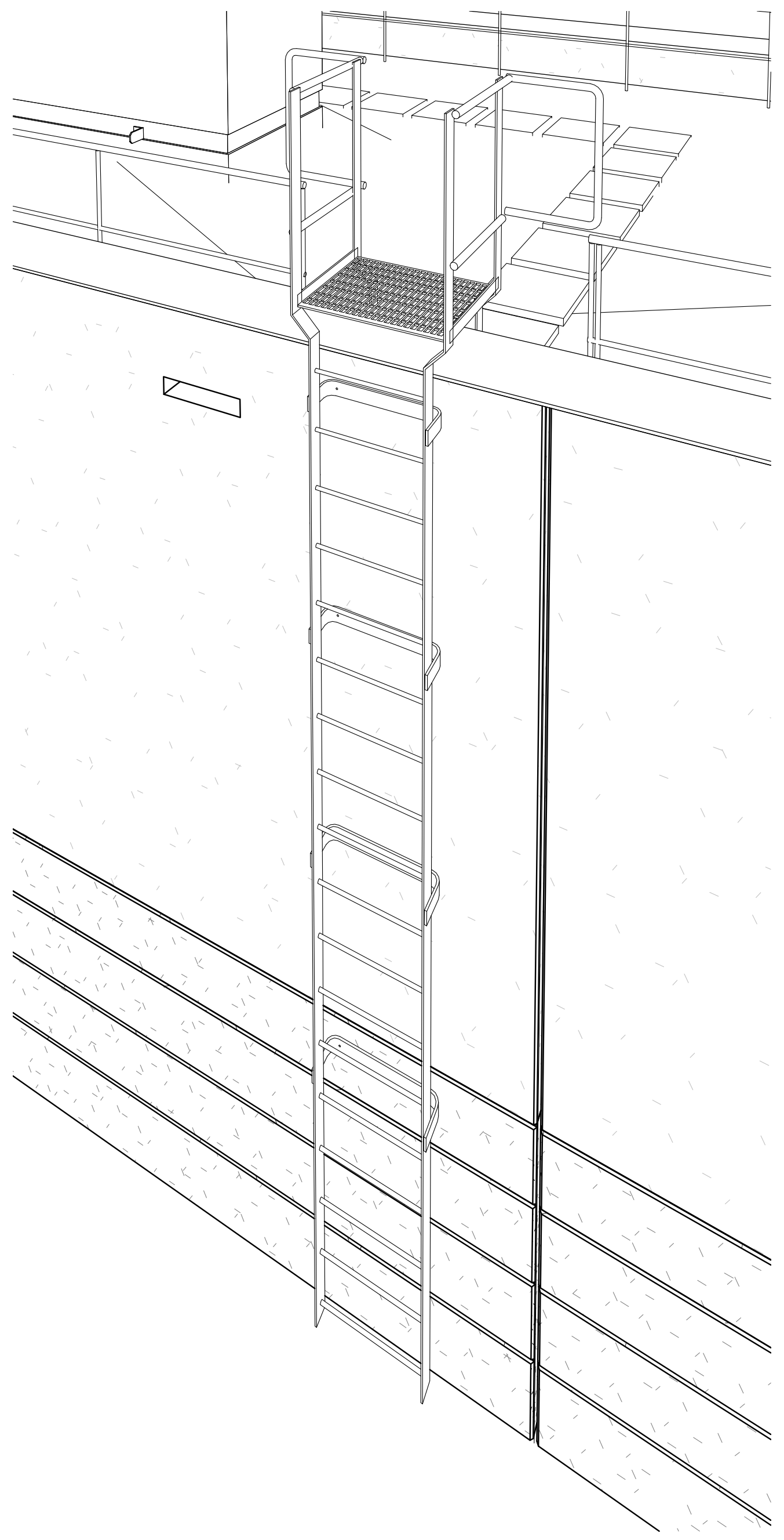
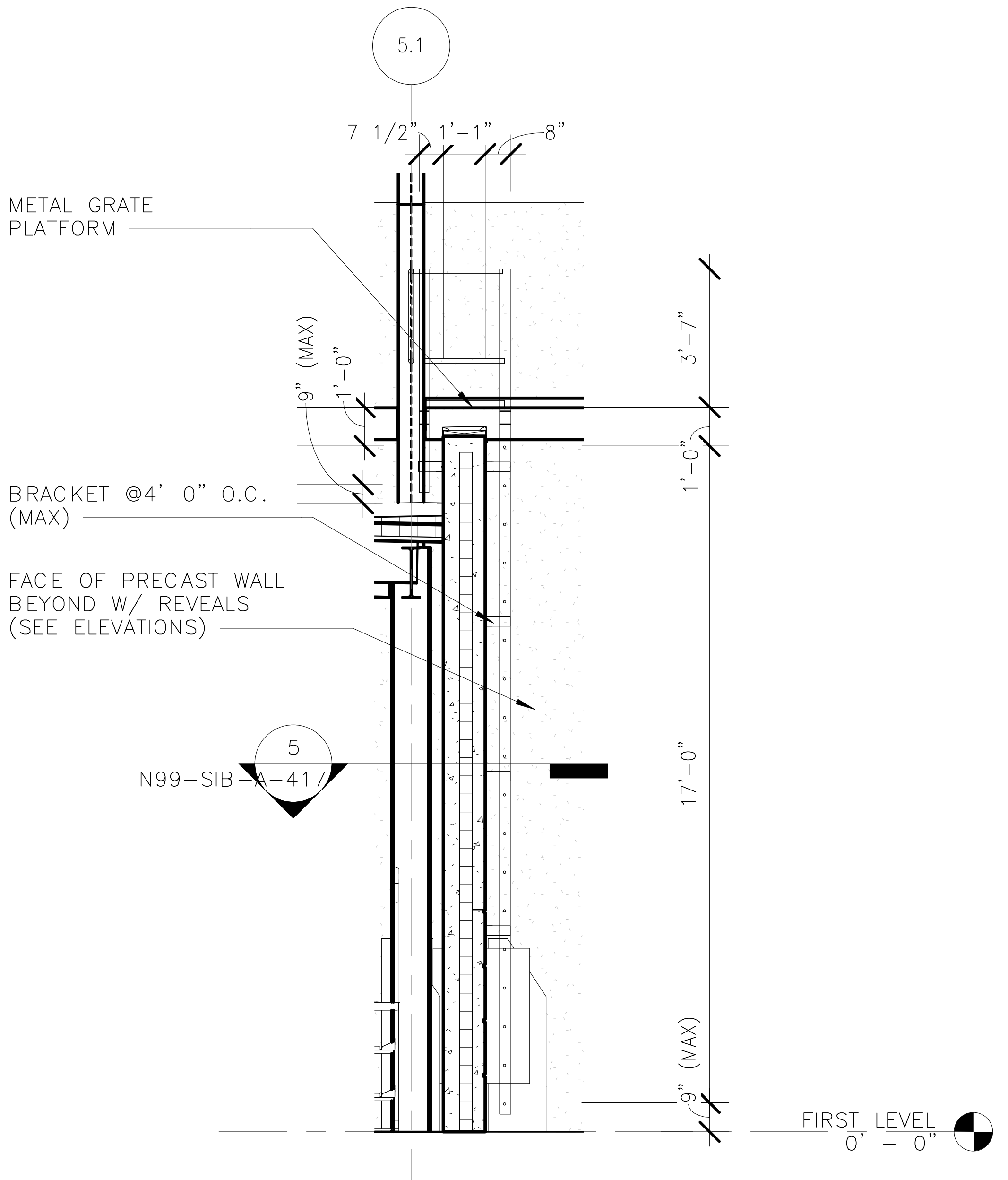
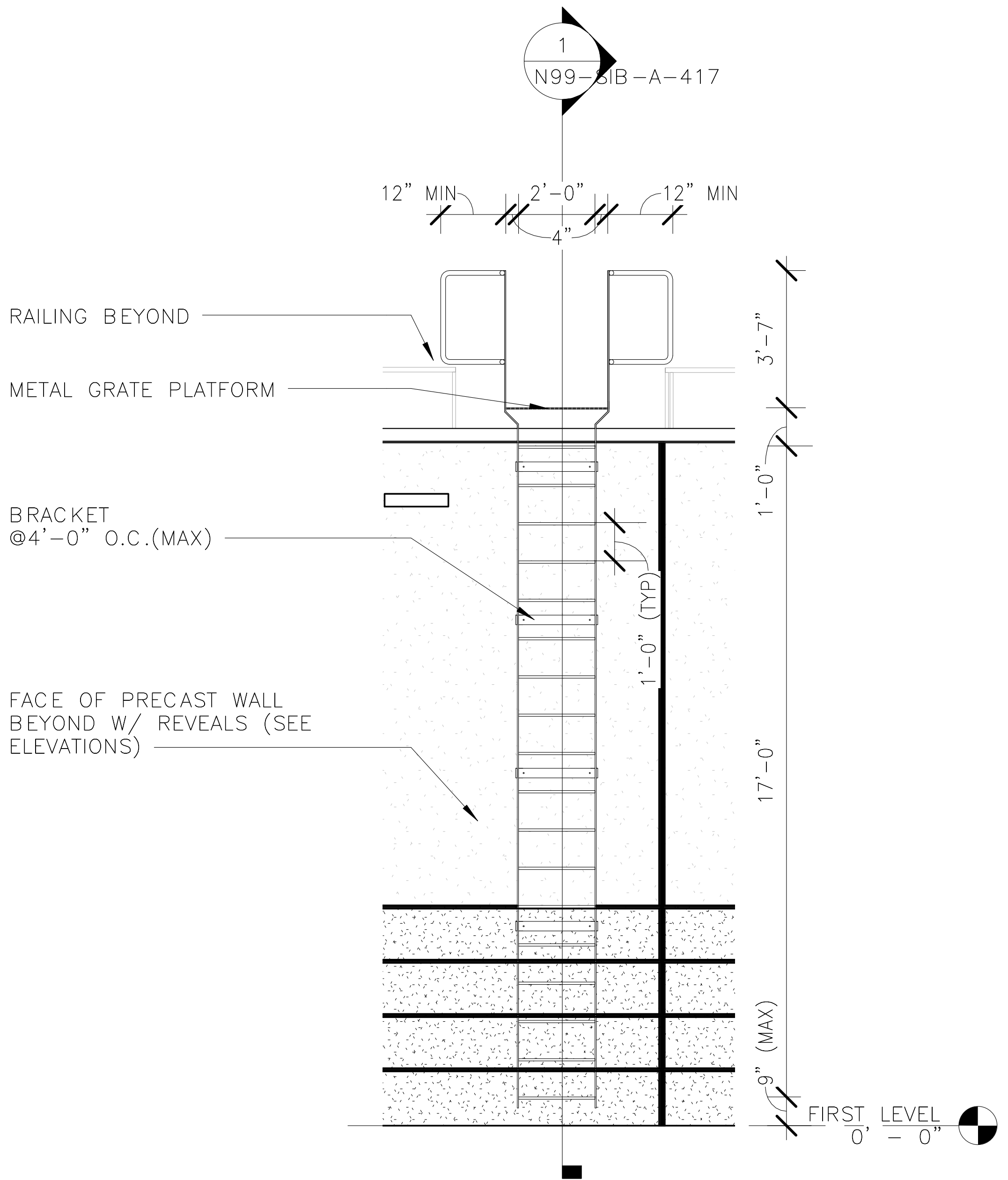


INT. CLEANING ROOF ACCESS LADDER
PERSPECTIVE - REFERENCE VIEW ONLY



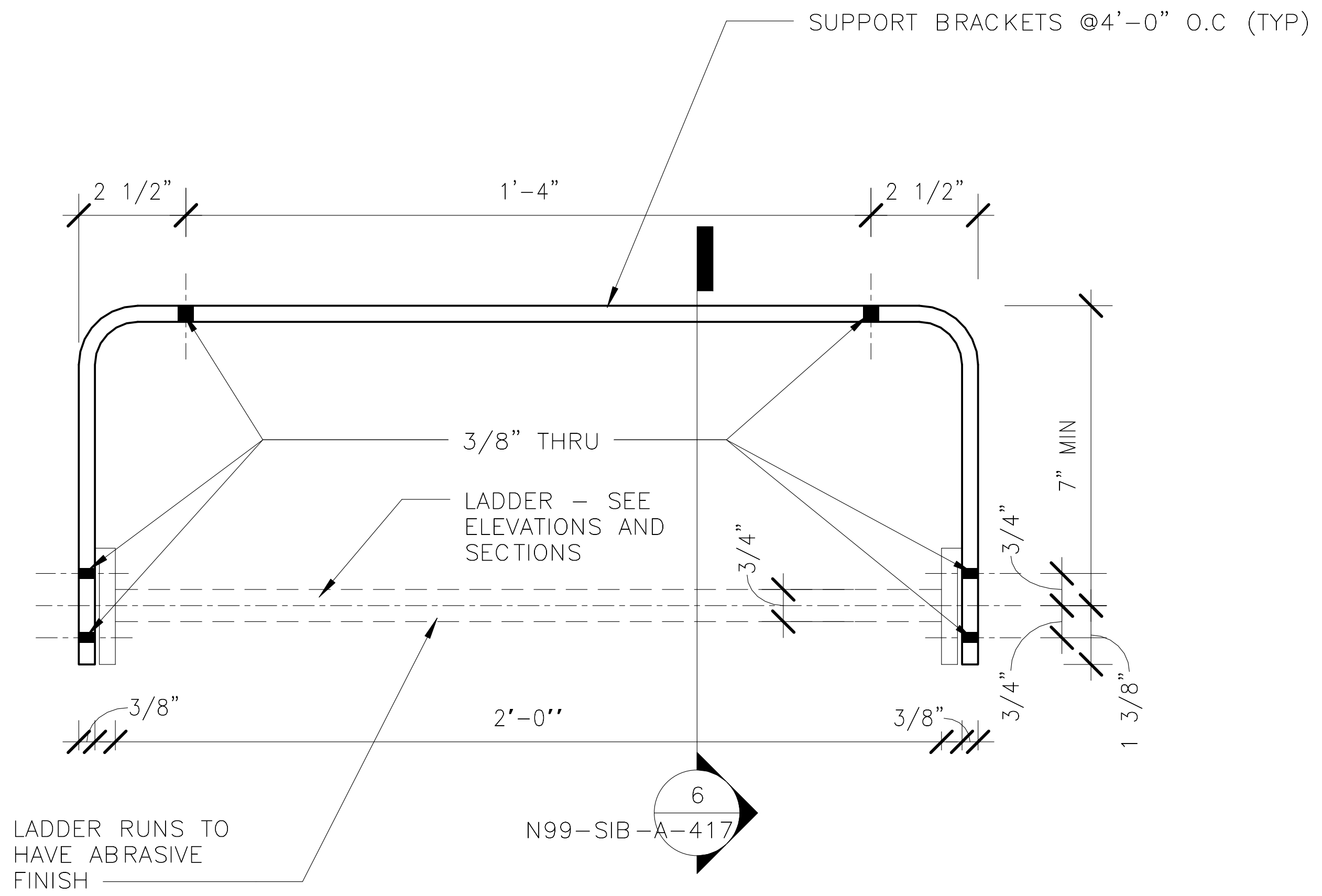
1 N99-SIB-A-417 N99-SIB-A-150

LADDER SECTION - INT. CLEANING
1/4" = 1'-0"



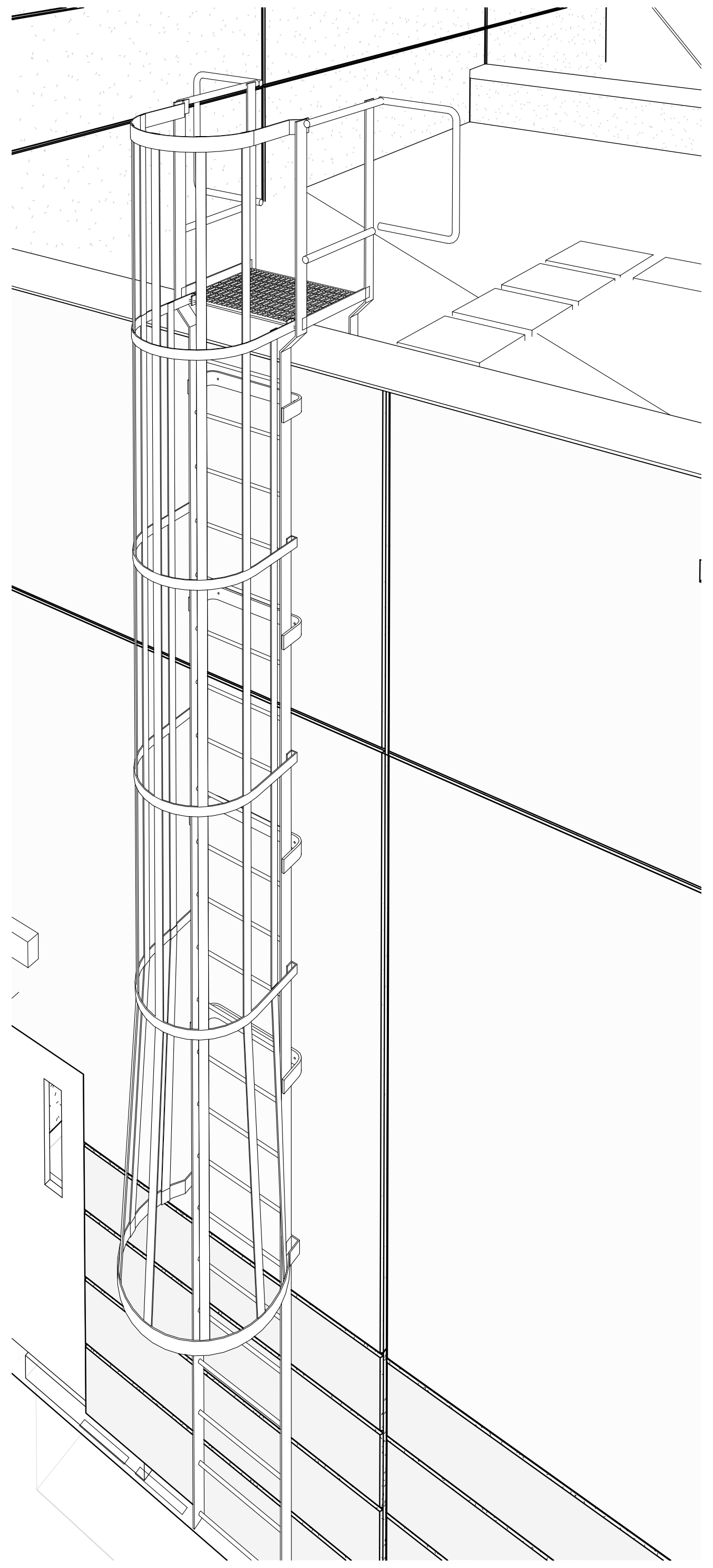
2 N99-SIB-A-417 N99-SIB-A-150

LADDER ELEVATION - INT. CLEANING
1/4" = 1'-0"

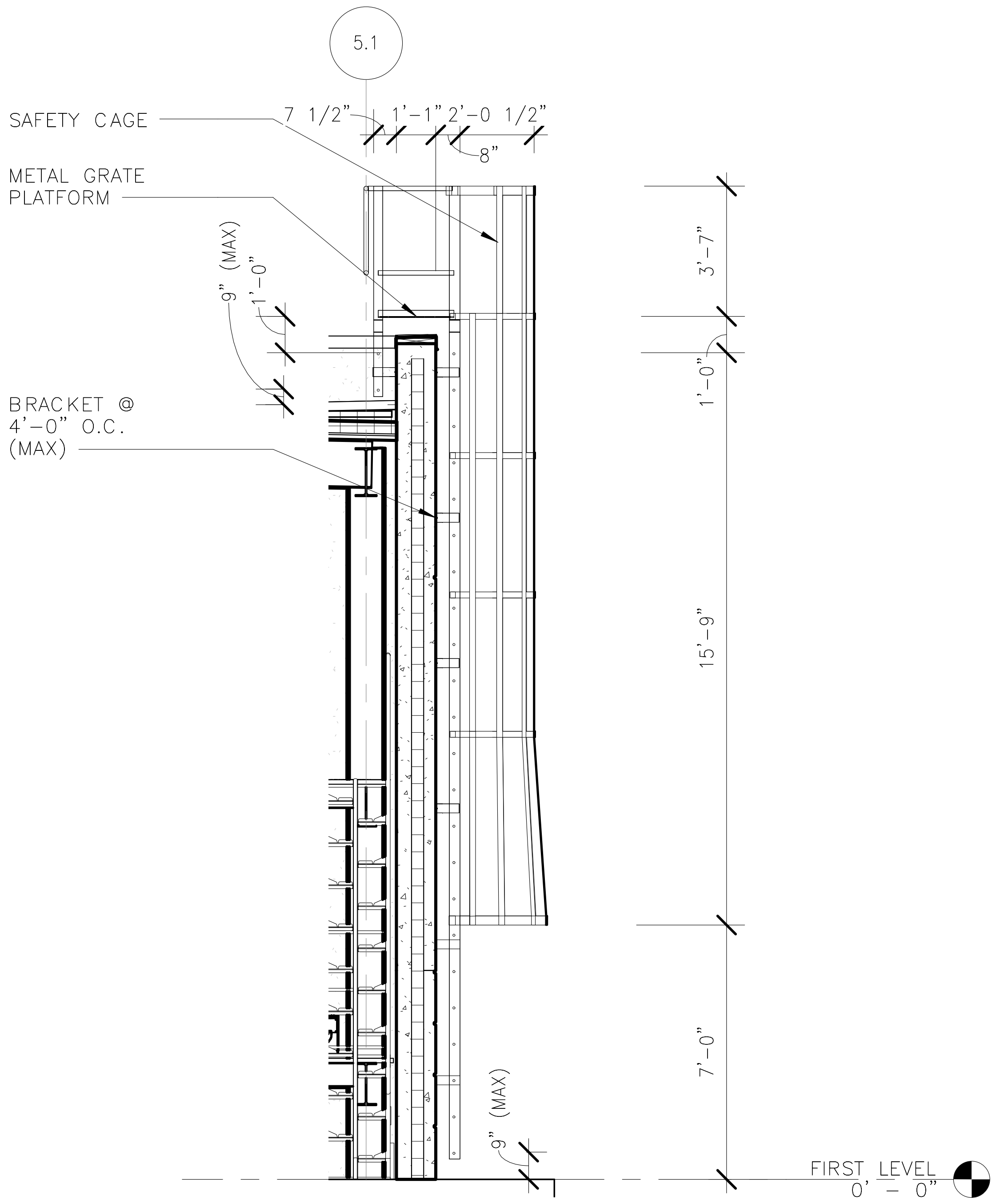


5 N99-SIB-A-417

LADDER BRACKET DETAIL - TYPICAL
3" = 1'-0"

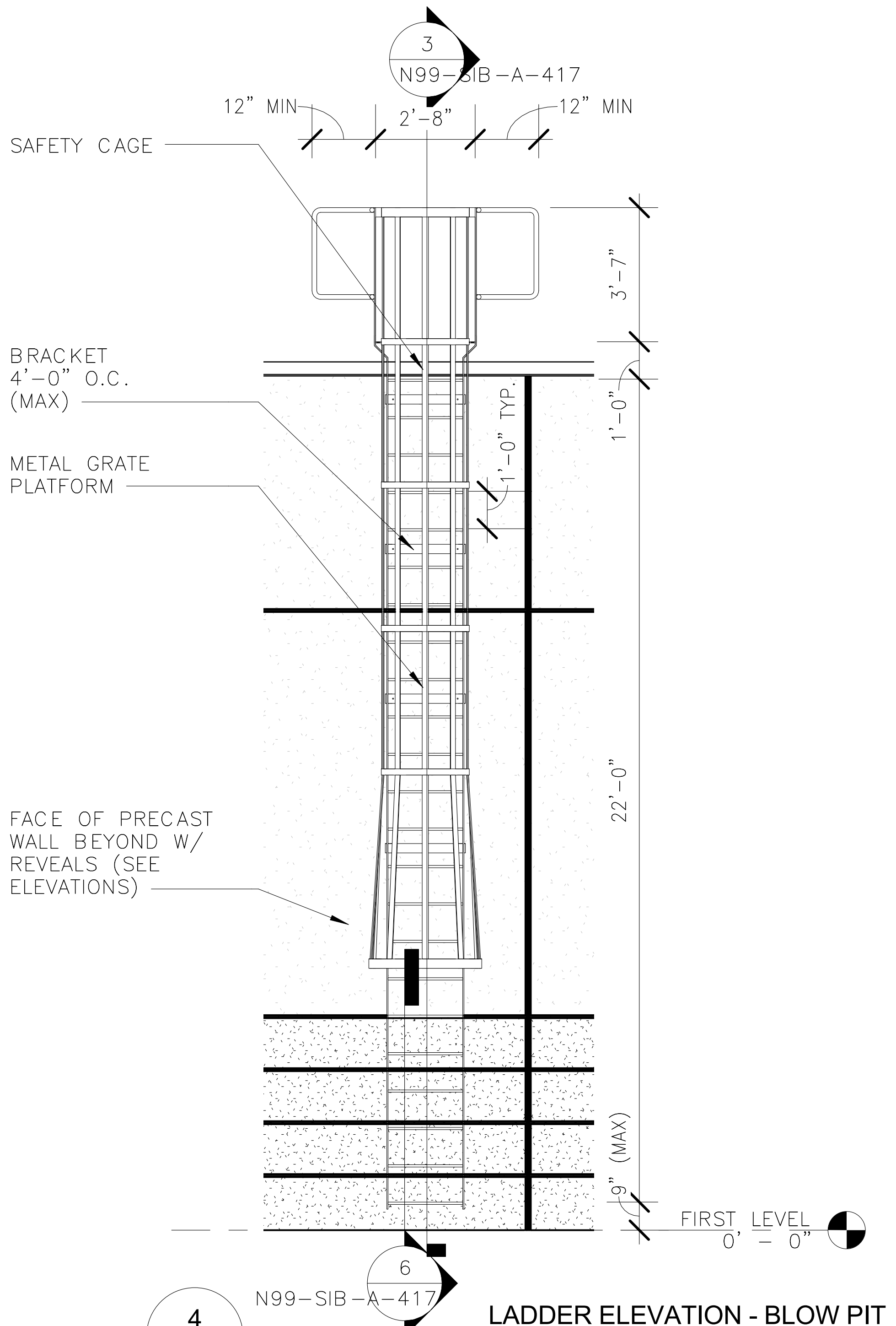


BLOW PIT ROOF ACCESS LADDER
PERSPECTIVE - REFERENCE VIEW ONLY



3 N99-SIB-A-417

LADDER SECTION BLOW PIT
1/4" = 1'-0"

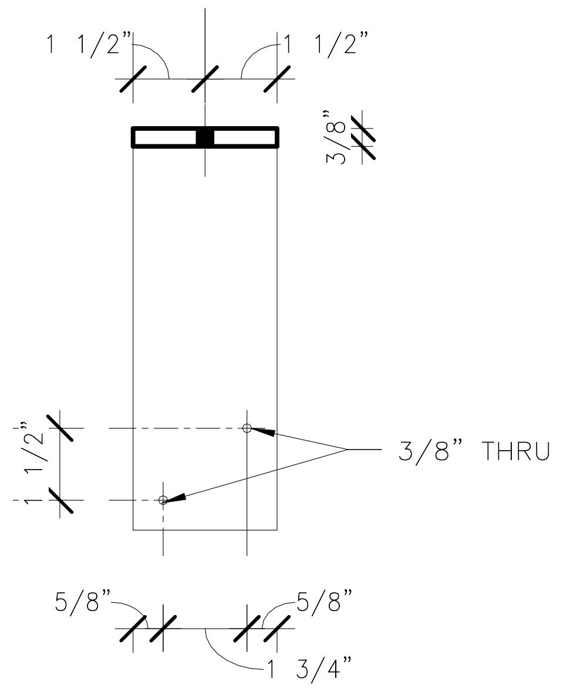


4 N99-SIB-A-147

LADDER ELEVATION - BLOW PIT
1/4" = 1'-0"

NOTE:

ALL LADDERS, BRACKETS AND FASTENERS TO BE GALVANIZED



6 N99-SIB-A-417

LADDER BRACKET DETAIL
3" = 1'-0"

ORIGINATORS	
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COMMONWEALTH OF VIRGINIA
20 FEB 17
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METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

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HENSEL PHELPS
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WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - LADDER DETAILS AND ELEVATIONS		
SCALE: AS NOTED	DRAWING NO.: N99-SIB-A-417	

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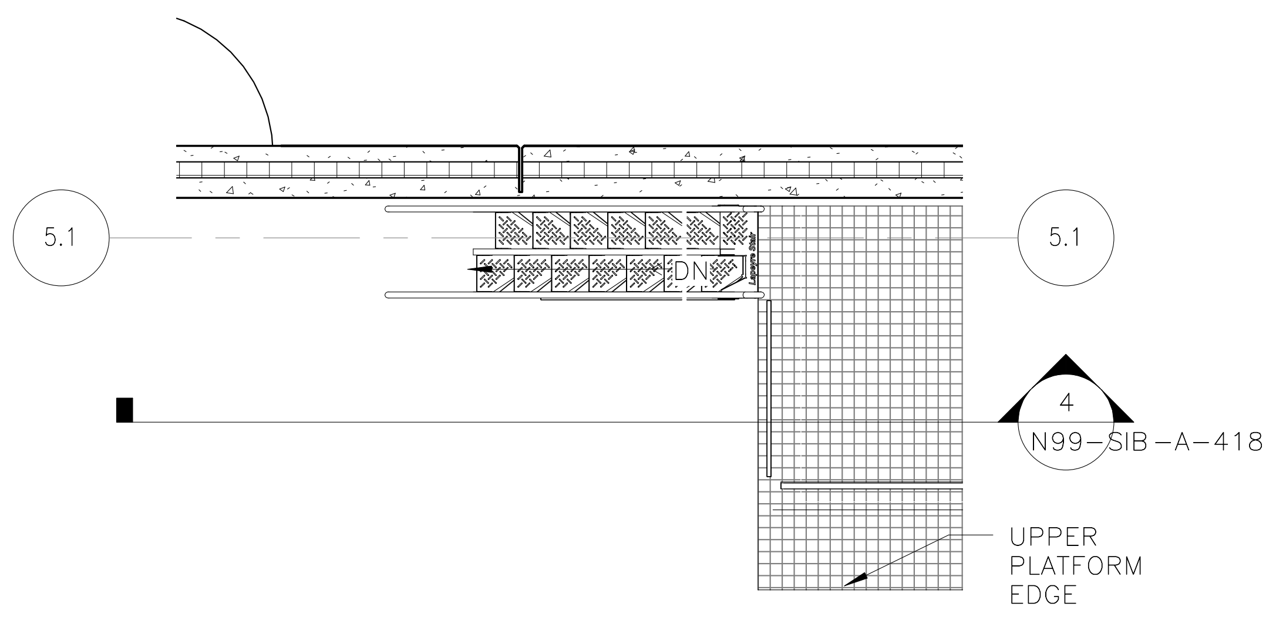
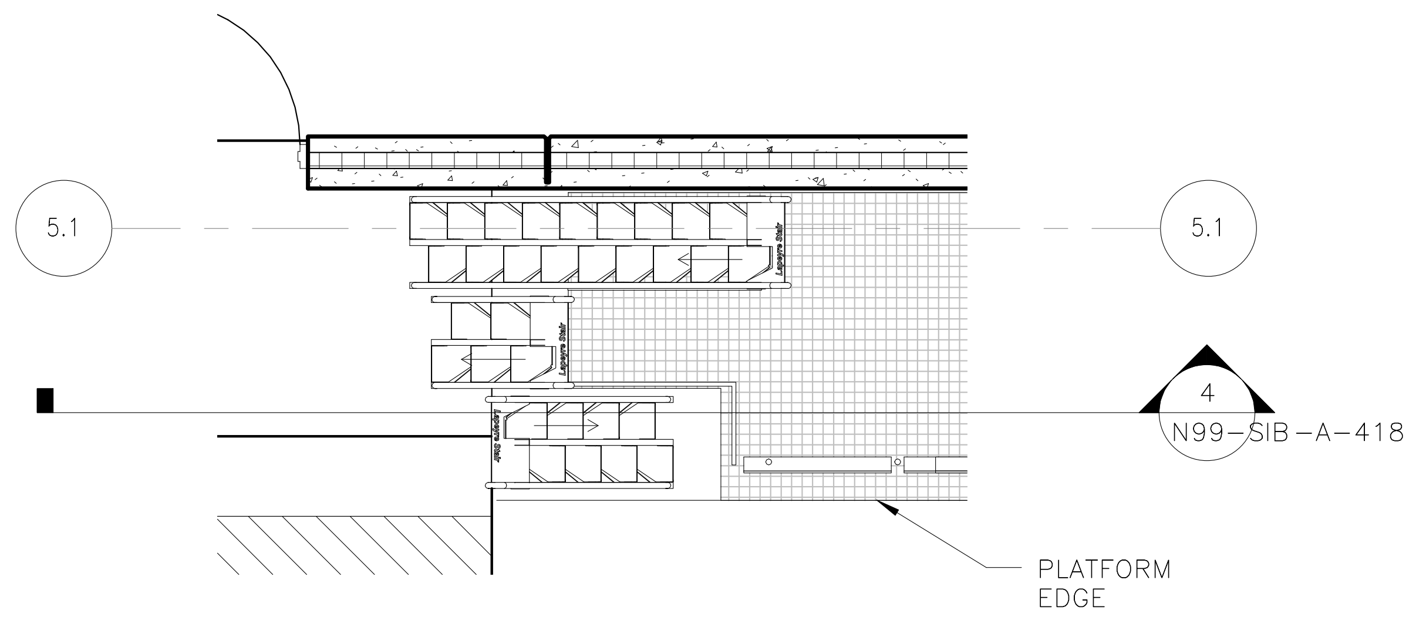


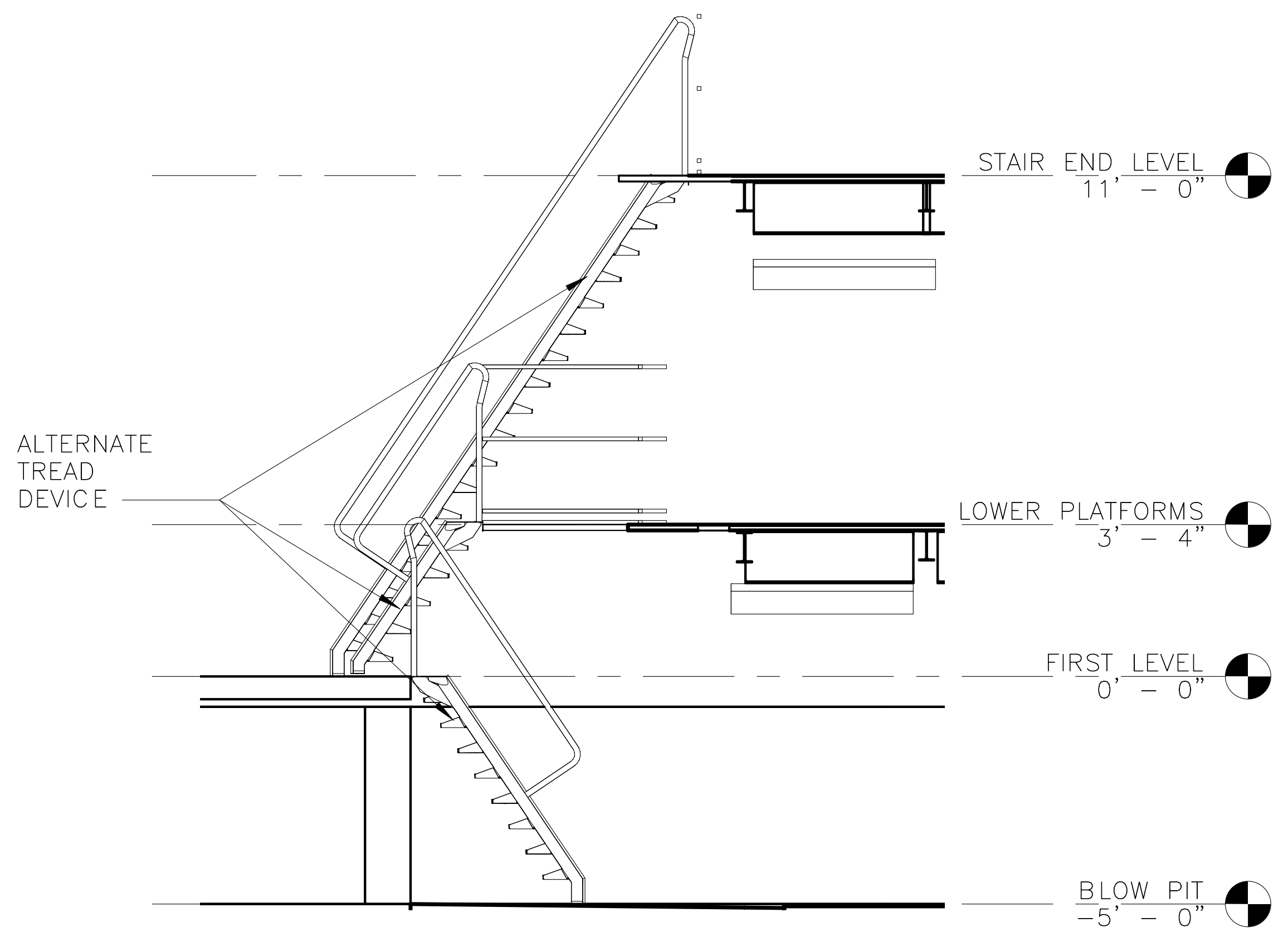
1
N99-SIB-A-418
N99-SIB-A-117

INDUSTRIAL STAIR AT 5.1@ PLATFORMS
1/4" = 1'-0"
4 3 2 1 0 4 8



2
N99-SIB-A-418
N99-SIB-A-117

INDUSTRIAL STAIR AT 5.1 @ PIT LEVEL
1/4" = 1'-0"
4 3 2 1 0 4 8



4
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N99-SIB-A-117

INDUSTRIAL STAIRS SECTION @ 5.1 PIT
1/4" = 1'-0"
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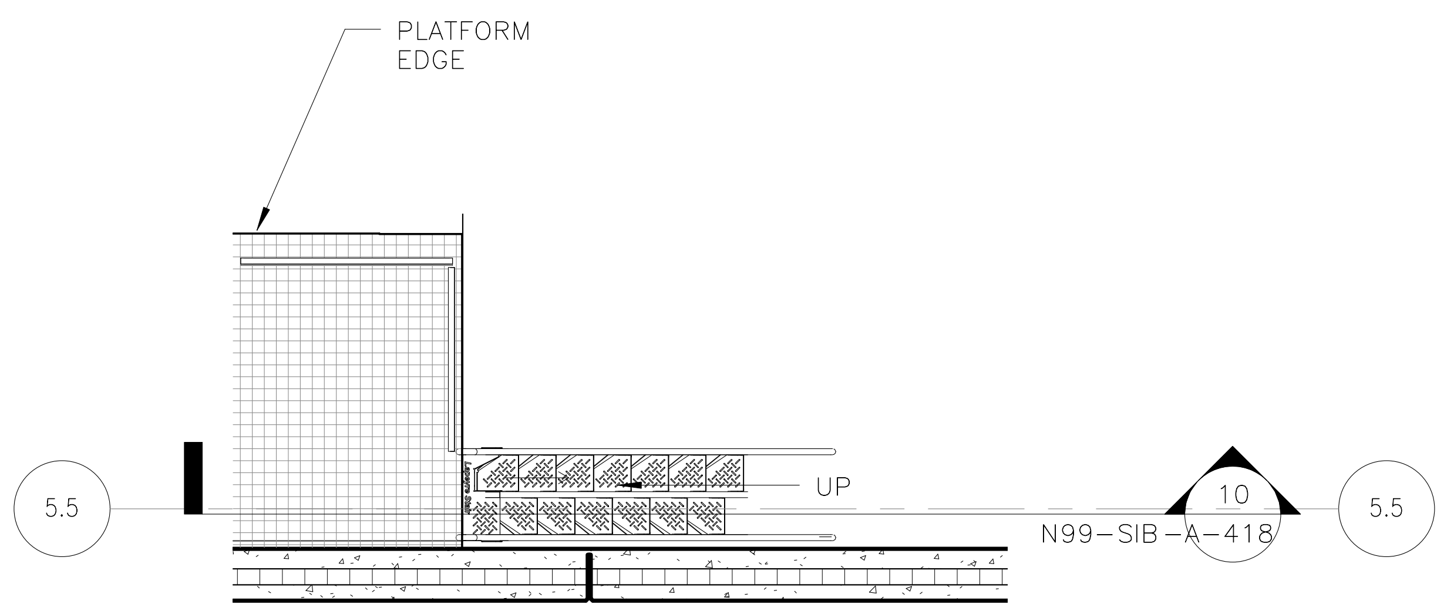

7
N99-SIB-A-418
N99-SIB-A-117

INDUSTRIAL STAIR AT 5.5 @ PLATFORMS
1/4" = 1'-0"
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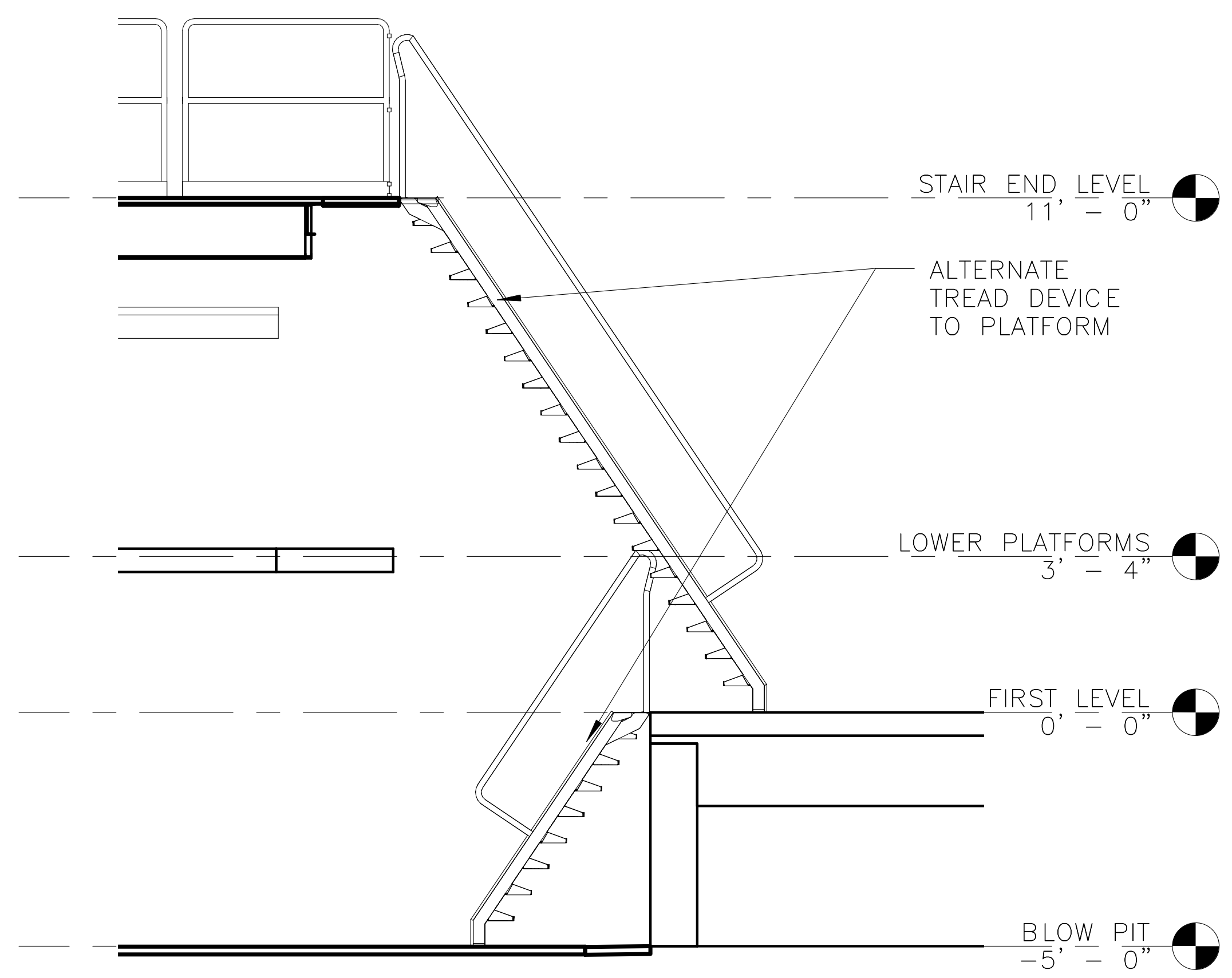
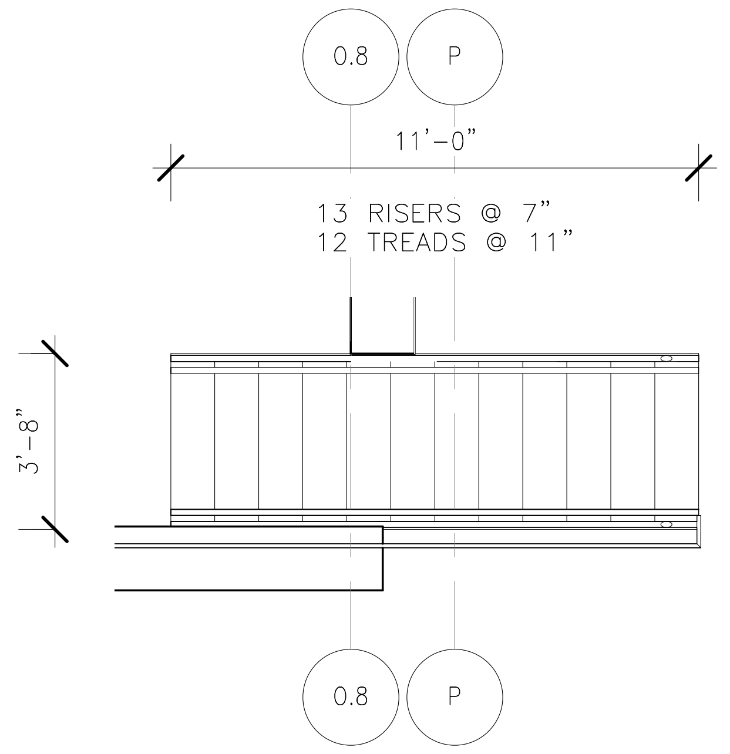


10
N99-SIB-A-418
N99-SIB-A-117

SECTION@INDUSTRIAL STAIR @5.5
1/4" = 1'-0"
4 3 2 1 0 4 8



11
N99-SIB-A-418
N99-SIB-A-112

INDUSTRIAL STAIR @ O.8, 0 - BOTTOM
1/4" = 1'-0"
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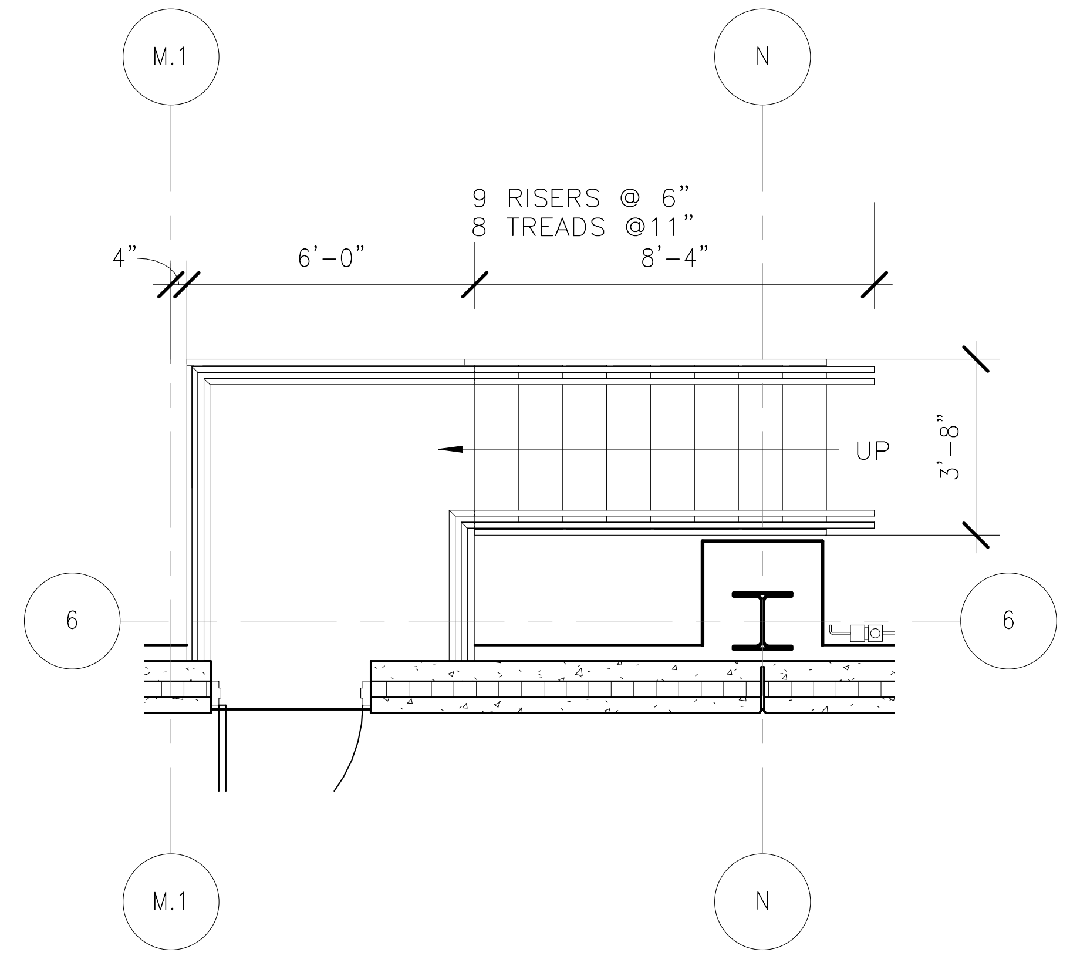
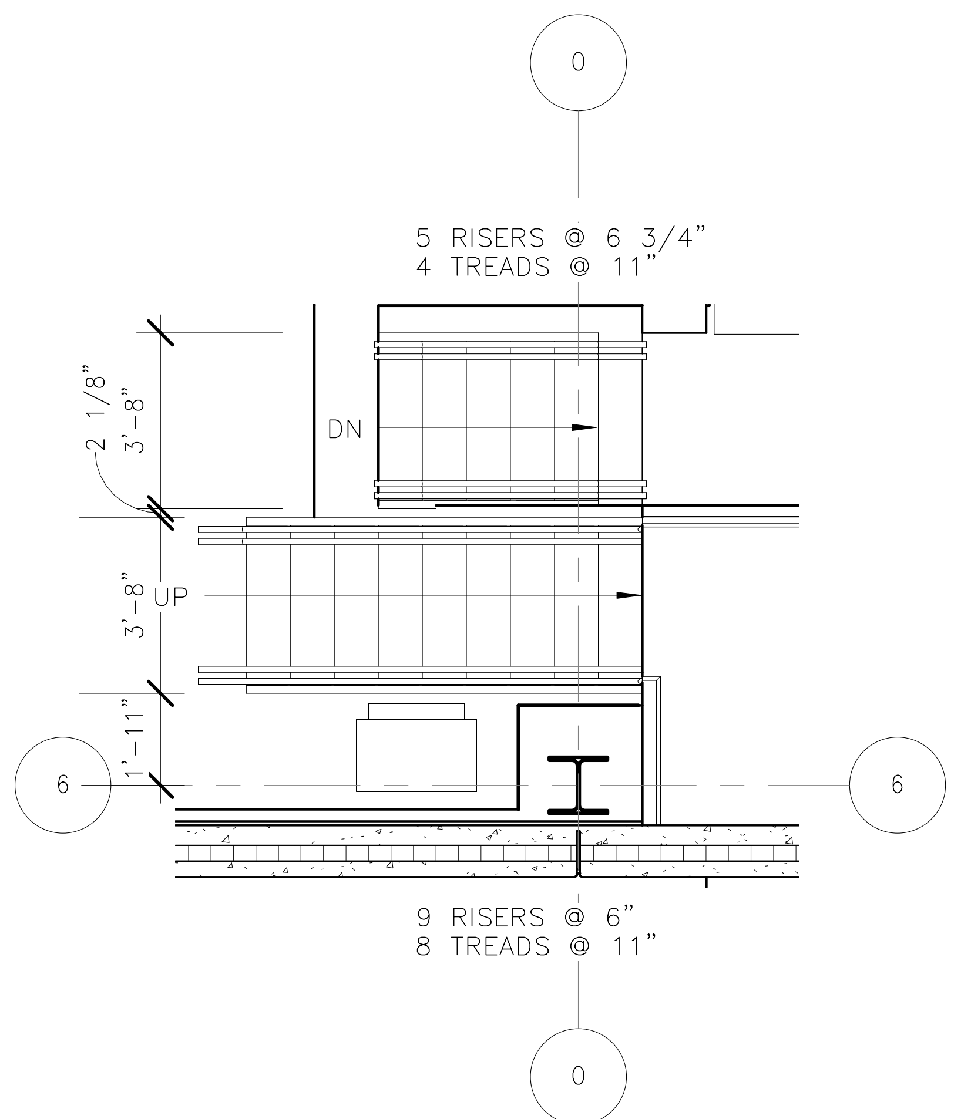


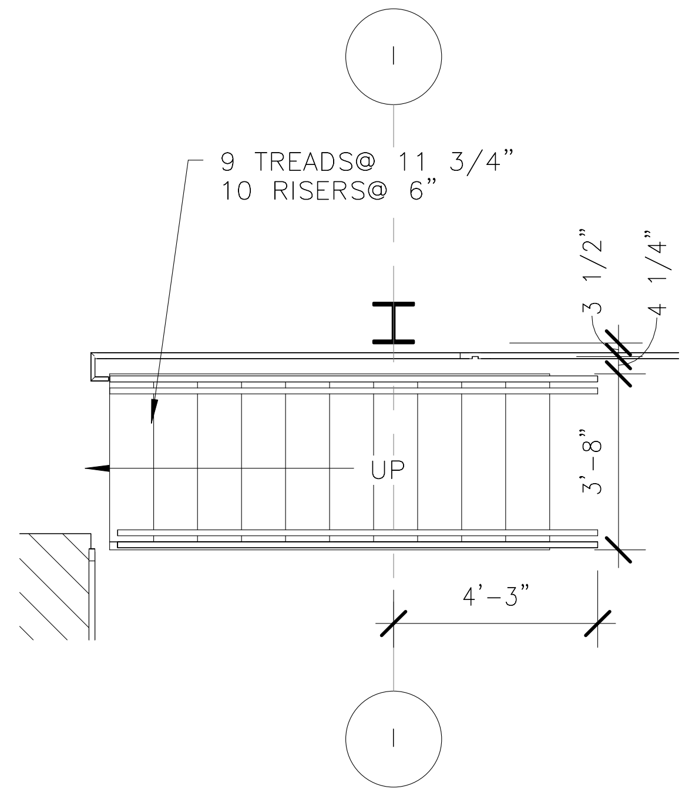
3
N99-SIB-A-418
N99-SIB-A-118

INDUSTRIAL STAIR @ OPEN SPACE
1/4" = 1'-0"
4 3 2 1 0 4 8



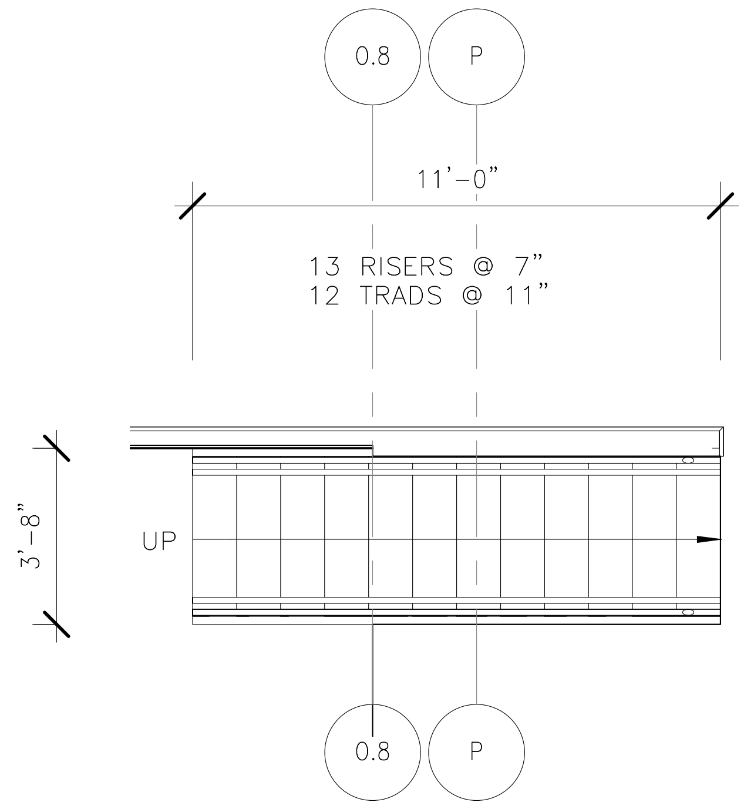
5
N99-SIB-A-418
N99-SIB-A-118

INDUSTRIAL STAIR @ O, 6
1/4" = 1'-0"
4 3 2 1 0 4 8



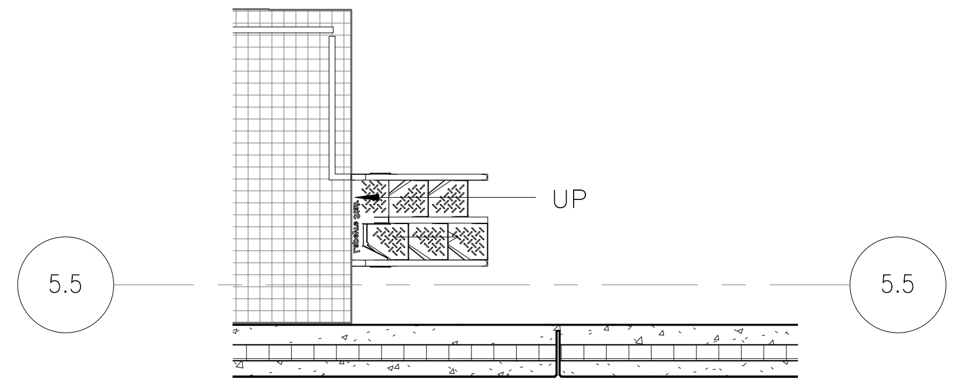
6
N99-SIB-A-418
N99-SIB-A-118

INDUSTRIAL STAIR @ I
1/4" = 1'-0"
4 3 2 1 0 4 8



9
N99-SIB-A-418
N99-SIB-A-112

INDUSTRIAL STAIR @ O.8 , P - TOP
1/4" = 1'-0"
4 3 2 1 0 4 8



12
N99-SIB-A-418
N99-SIB-A-112

INDUSTRIAL STAIR @ 5.5 AT INTERIOR CLEANING
1/4" = 1'-0"
4 3 2 1 0 4 8

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE
GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

giuliani
ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - STAIR DETAILS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-418

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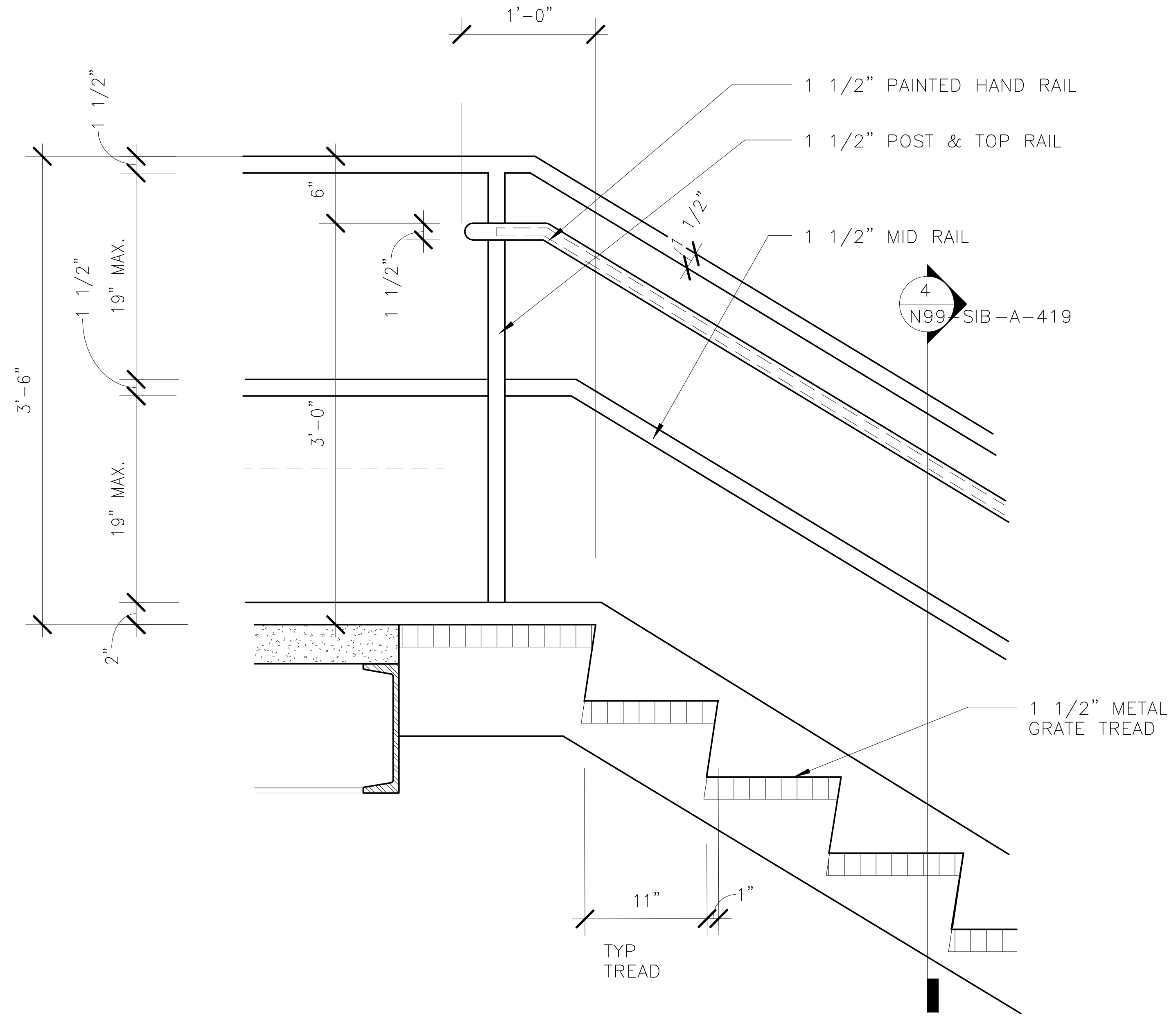
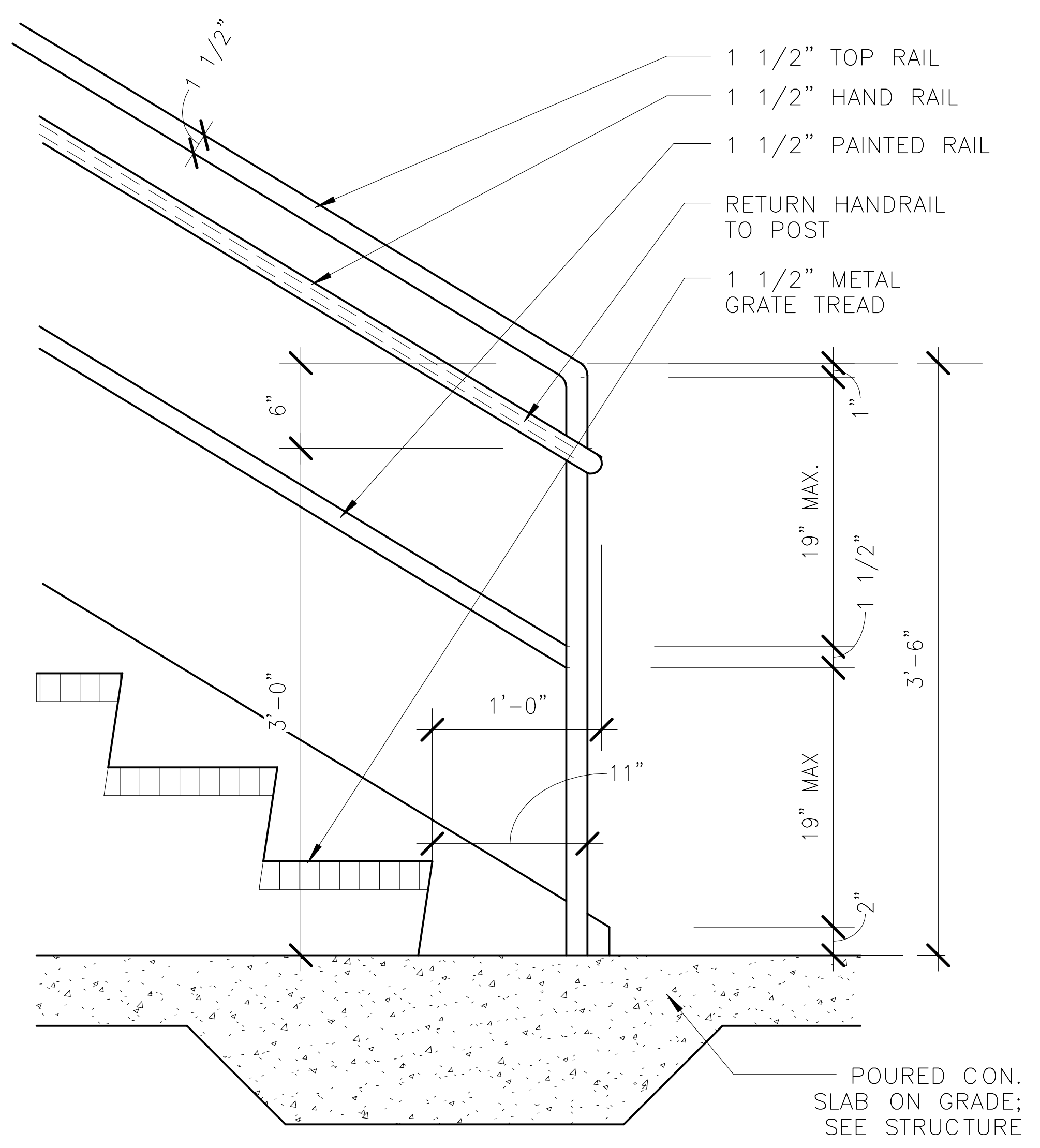
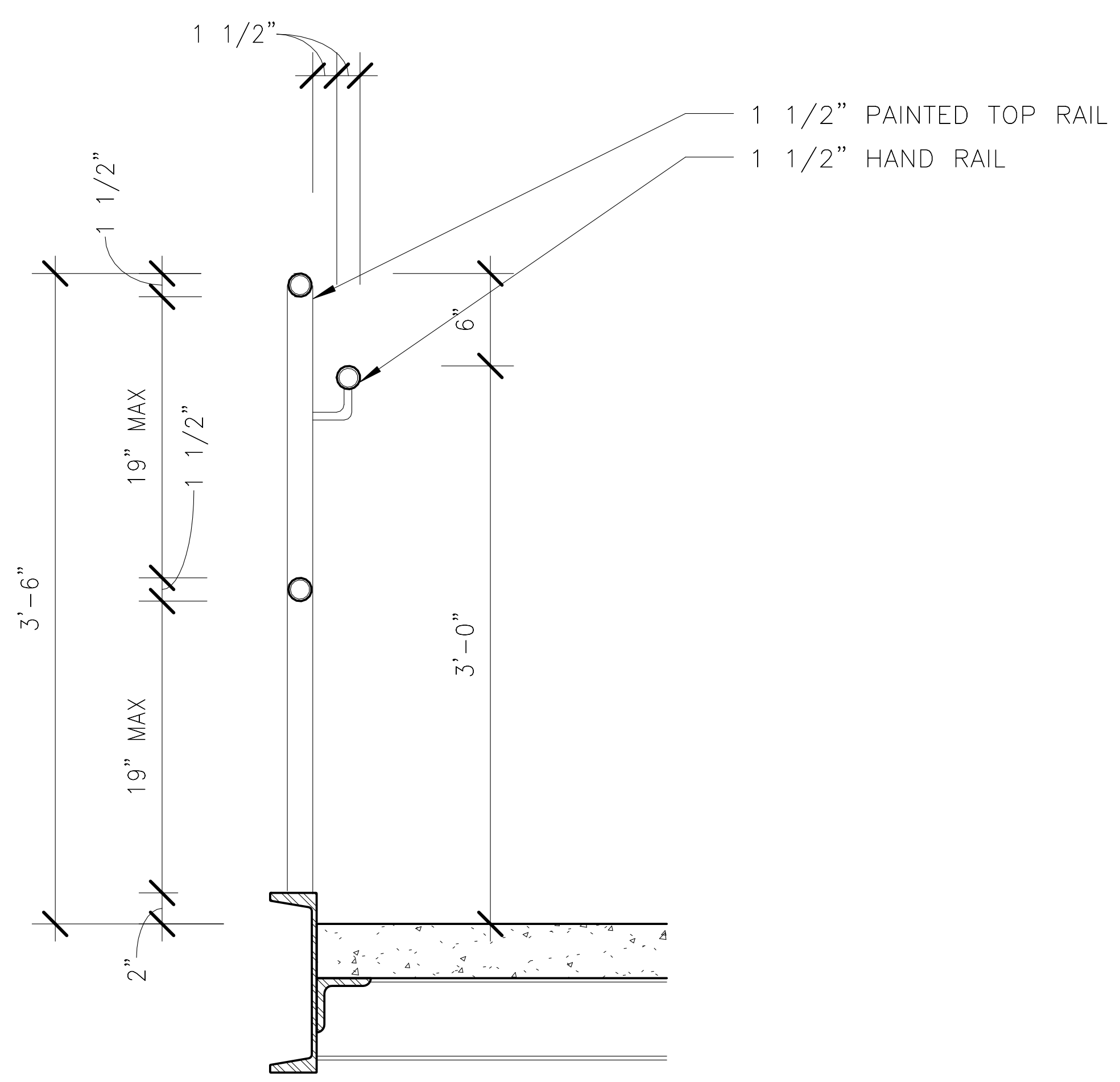


1 METAL STAIRS TOP LANDING
N99-SIB-A-419
N99-SIB-A-418
1" = 1'-0"
1 1/2 0 1 2



2 METAL STAIRS BOTTOM LANDING
N99-SIB-A-419
N99-SIB-A-418
1" = 1'-0"
1 1/2 0 1 2



3 METAL STAIRS SECTION - RAILING
N99-SIB-A-419
1" = 1'-0"
1 1/2 0 1 2

ORIGINATORS

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - INDUSTRIAL STAIR DETAILS

SCALE:

DRAWING NO.: N99-SIB-A-419

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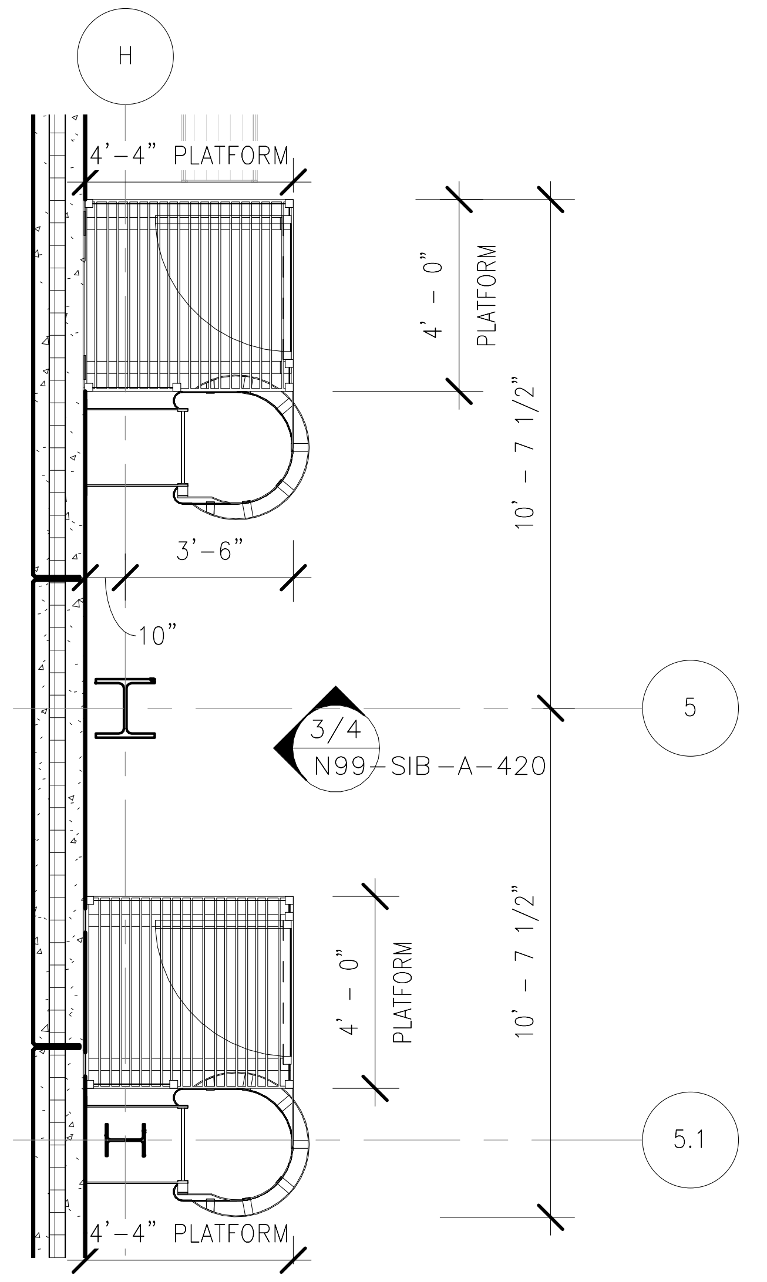
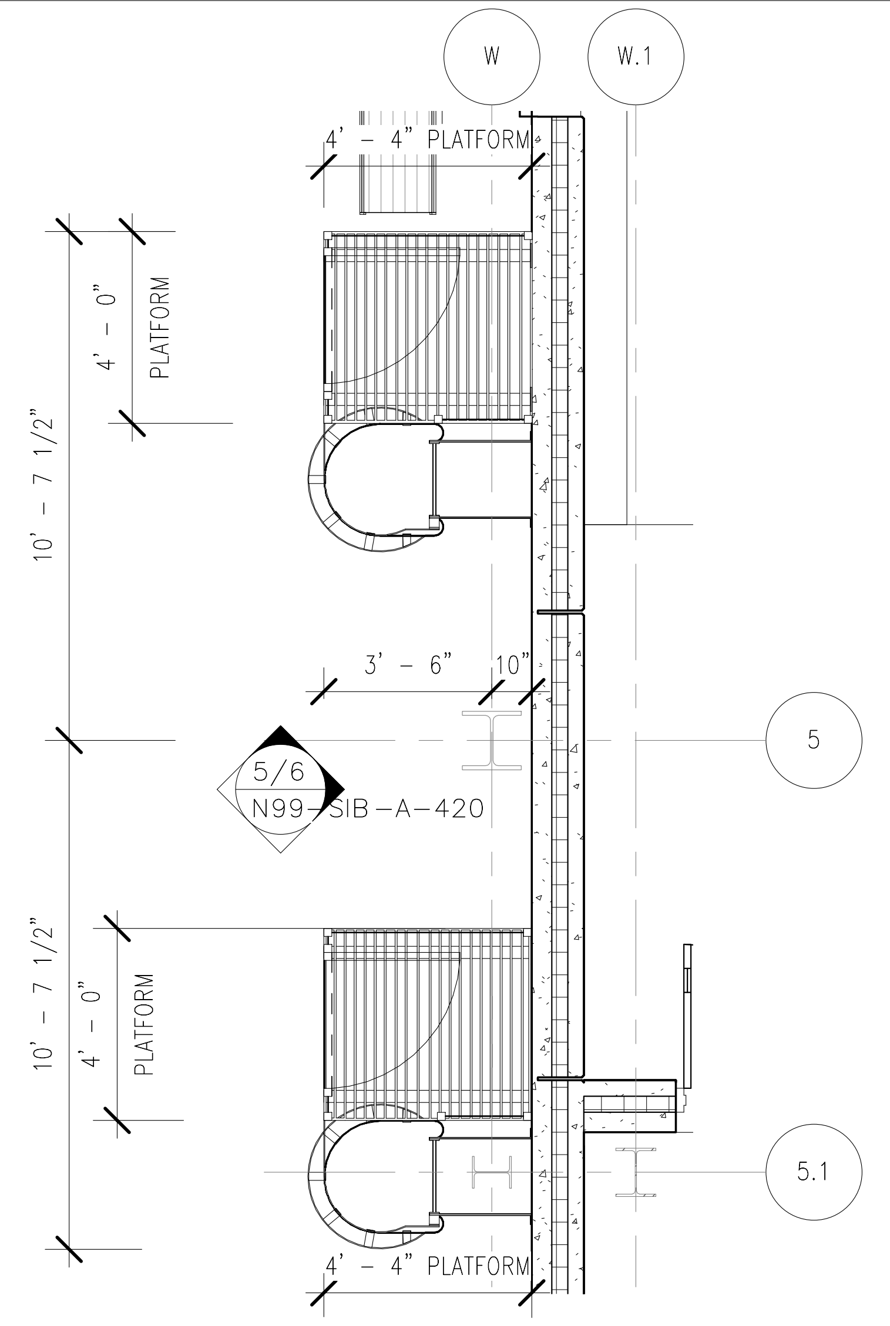


1
N99-SIB-A-420

WEST CRANE ACCESS LADDER - UPPER LANDING PLAN

1/4" = 1'-0"

4 3 2 1 0 4 8

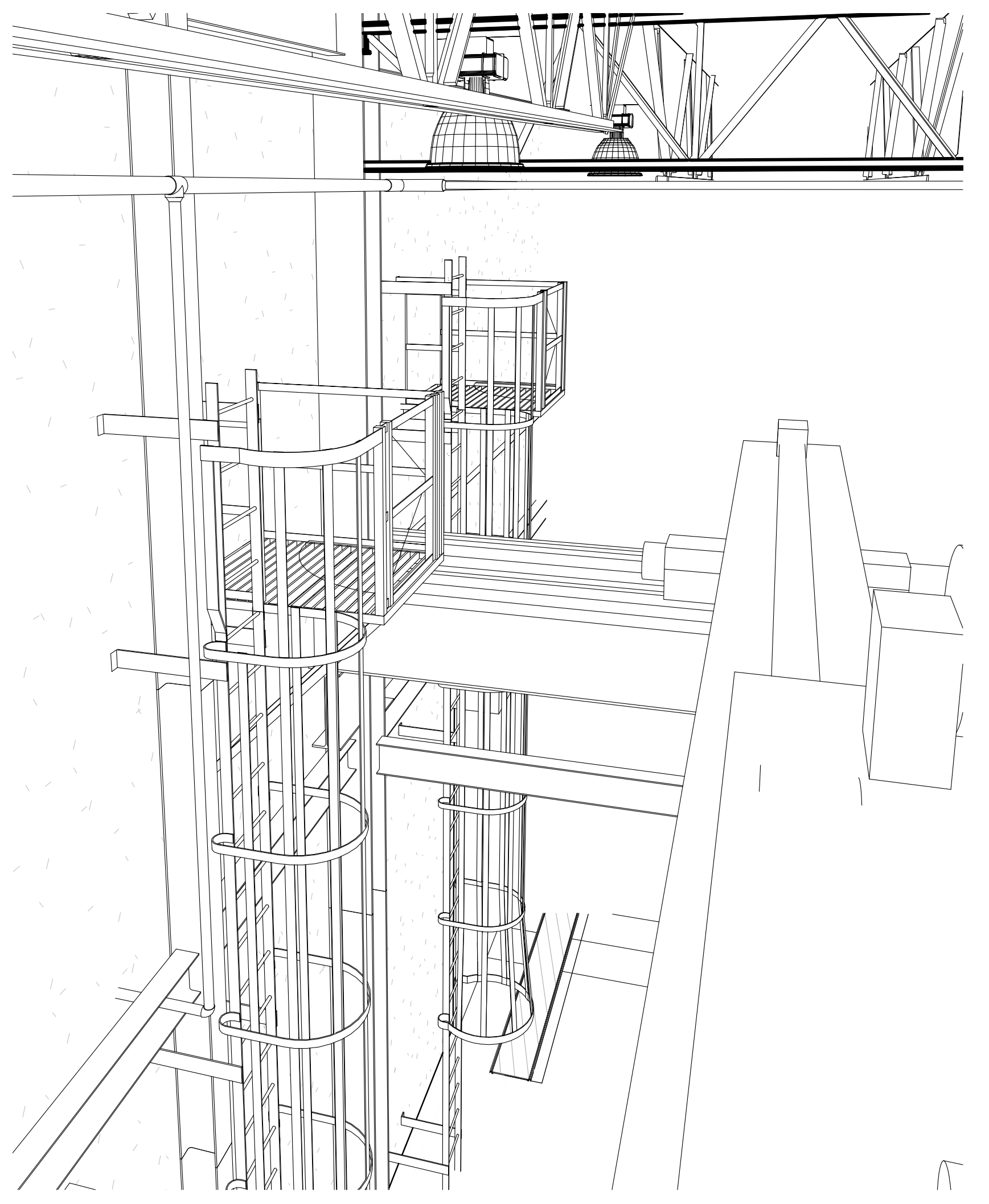


2
N99-SIB-A-420

EAST CRANE ACCESS LADDER - LANDING PLAN

1/4" = 1'-0"

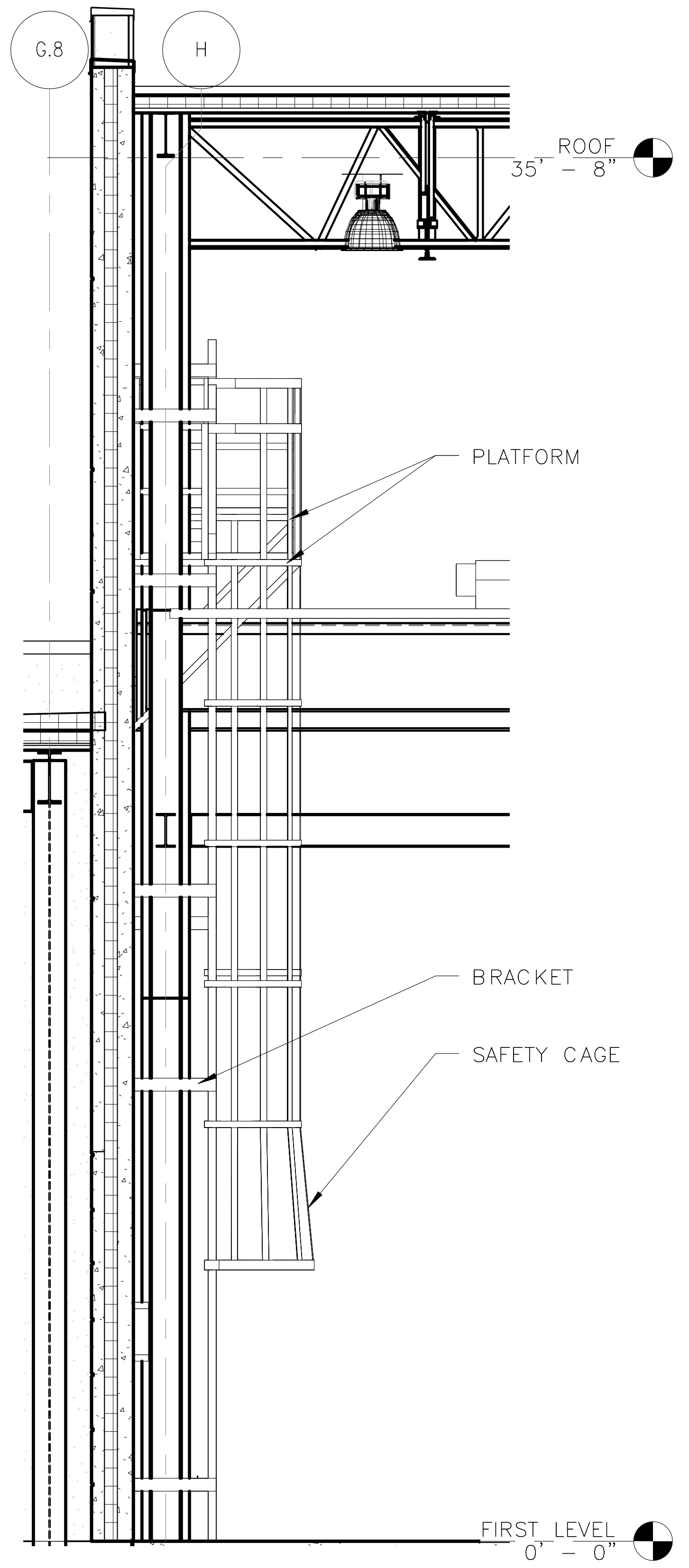
4 3 2 1 0 4 8



7
N99-SIB-A-420

WEST CRANE ACCESS LADDER - PERSPECTIVE 1

NTS

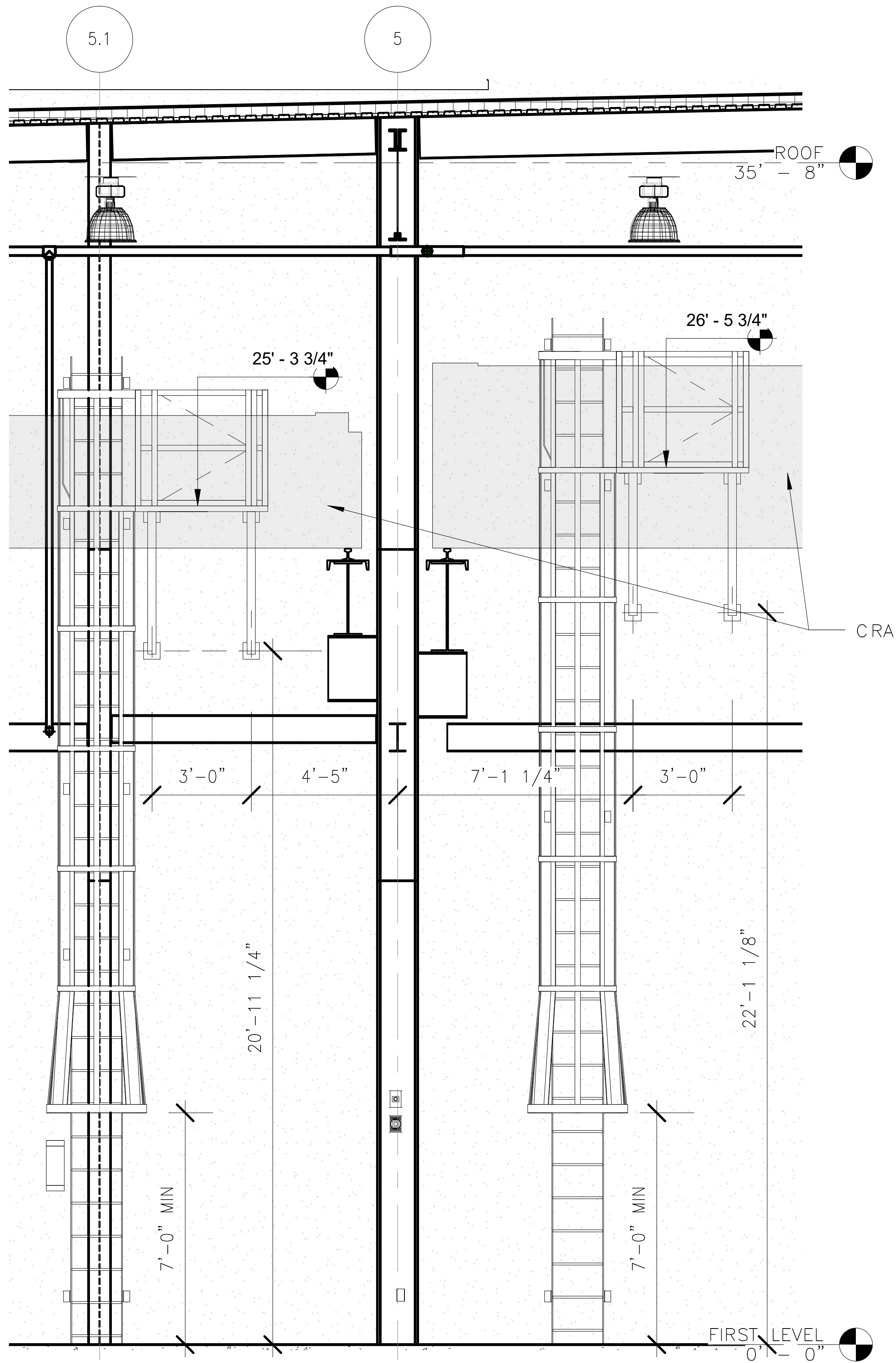


3
N99-SIB-A-420

WEST CRANE ACCESS LADDER ELEVATION

1/4" = 1'-0"

4 3 2 1 0 4 8



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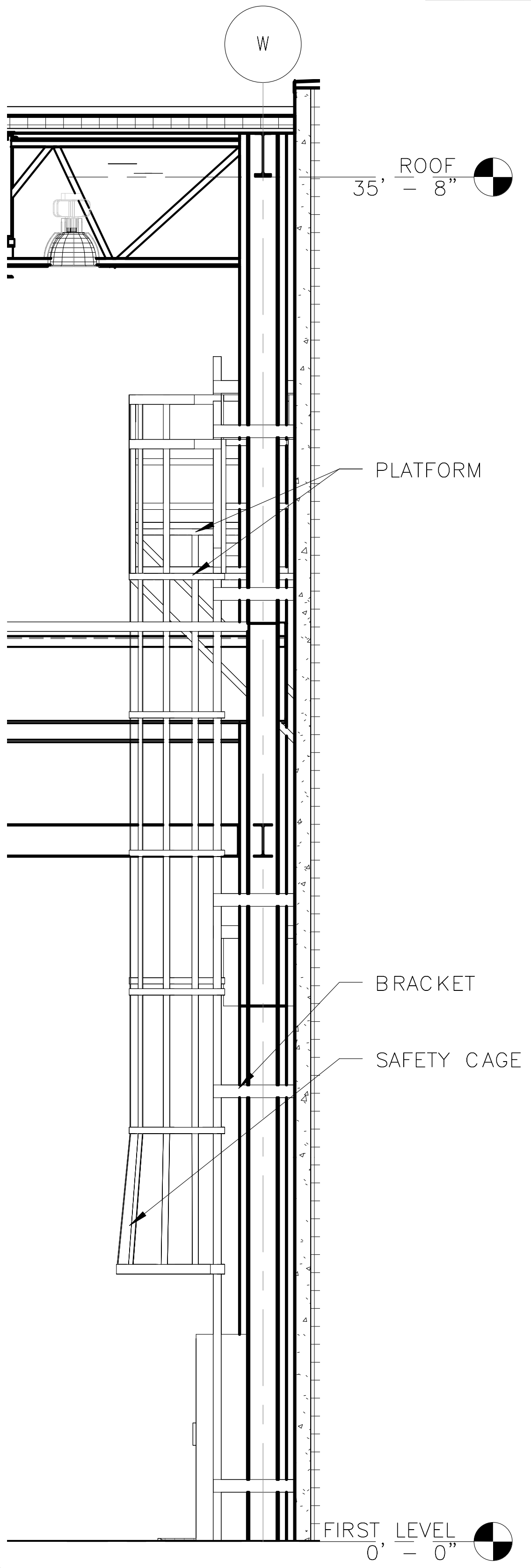
N99-SIB-A-420

WEST CRANE ACCESS LADDER FRONT ELEVATION

1/4" = 1'-0"

4 3 2 1 0 4 8

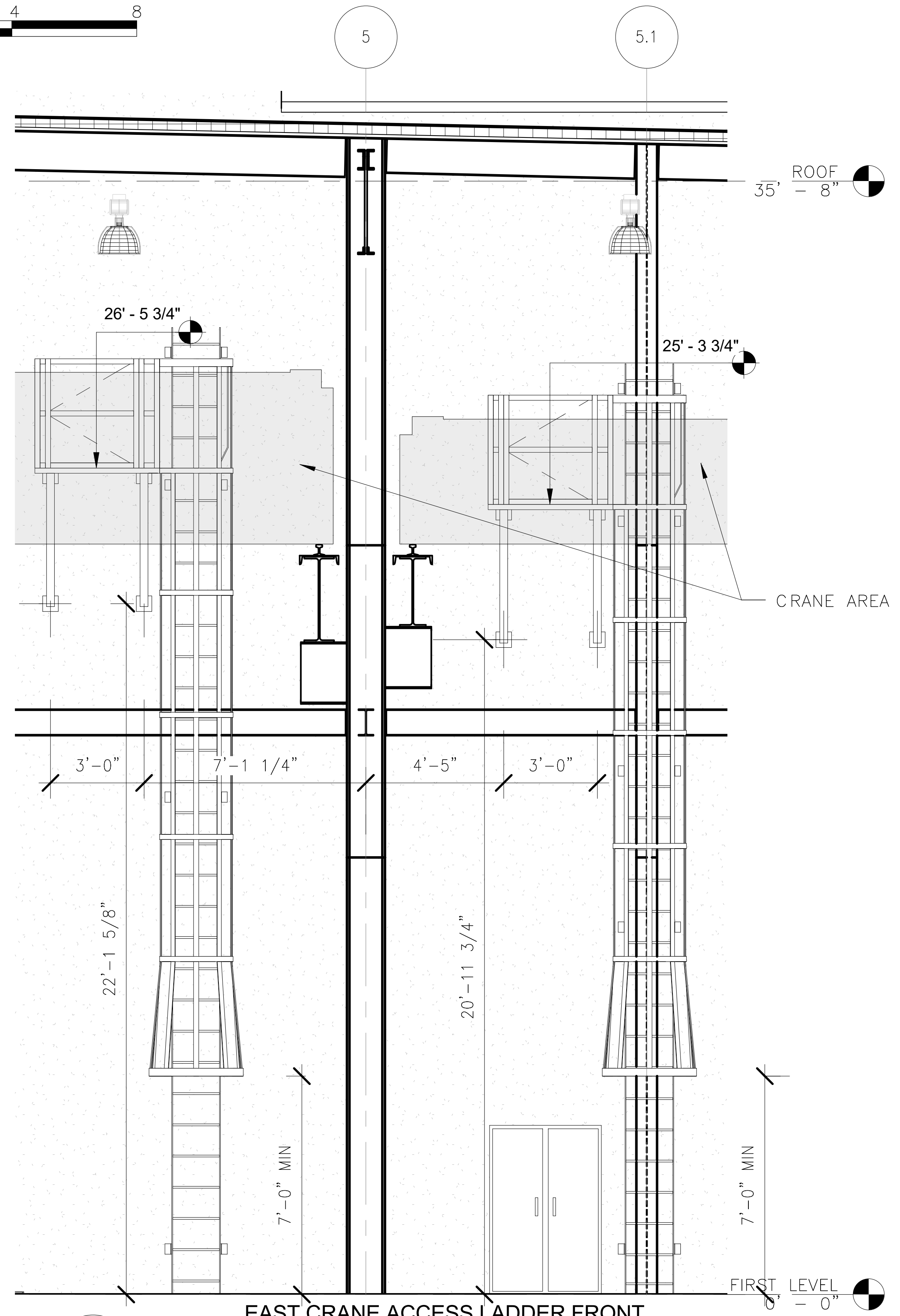


5
N99-SIB-A-420

EAST CRANE ACCESS LADDER ELEVATION

1/4" = 1'-0"

4 3 2 1 0 4 8



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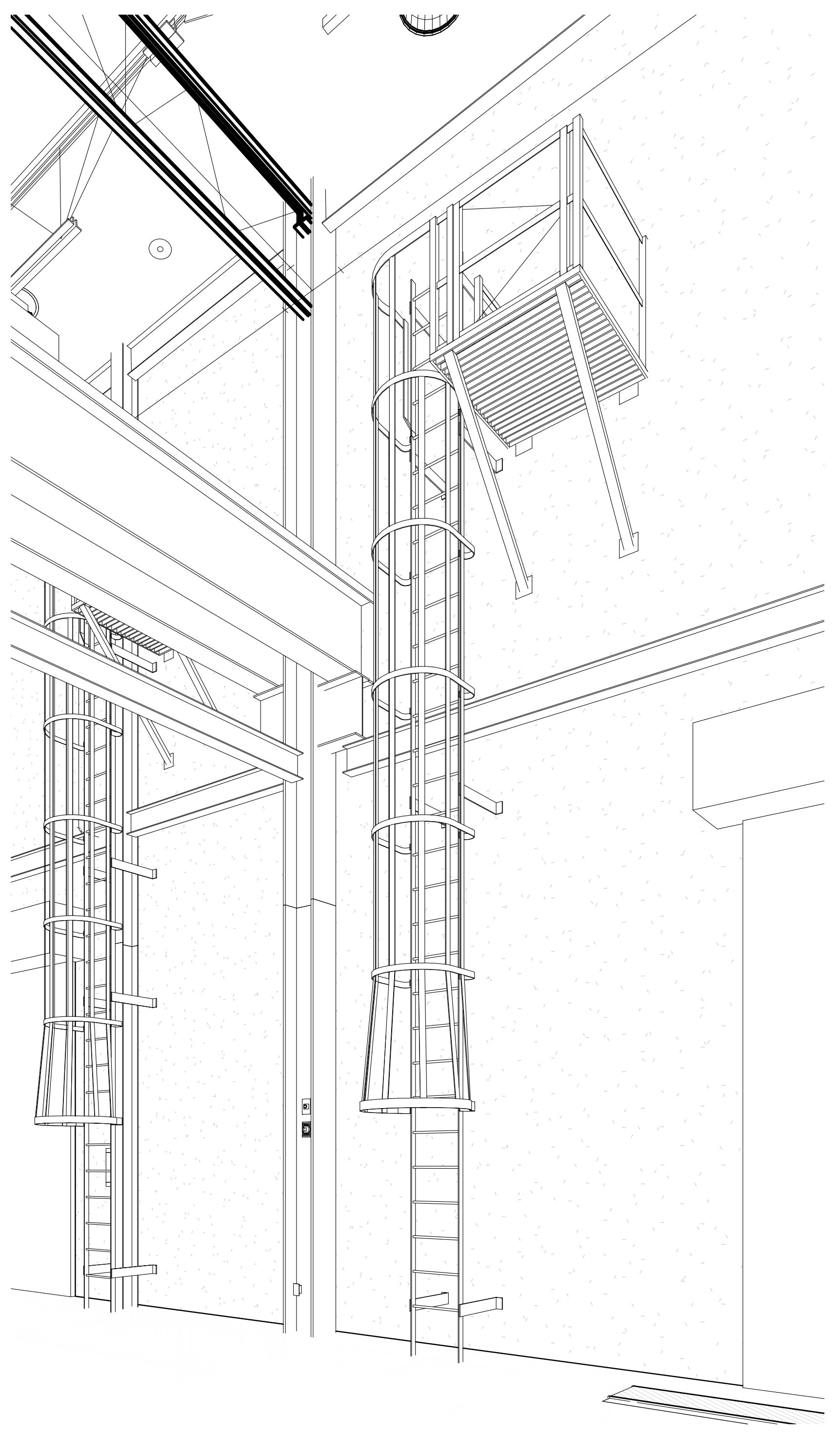
N99-SIB-A-420

EAST CRANE ACCESS LADDER FRONT ELEVATION

1/4" = 1'-0"

4 3 2 1 0 4 8



8
N99-SIB-A-420

WEST CRANE ACCESS LADDER - PERSPECTIVE 2

NTS

ORIGINATORS

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No. 011155

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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - CRANE ACCESS LADDER DETAILS

SCALE:

DRAWING NO.: N99-SIB-A-420

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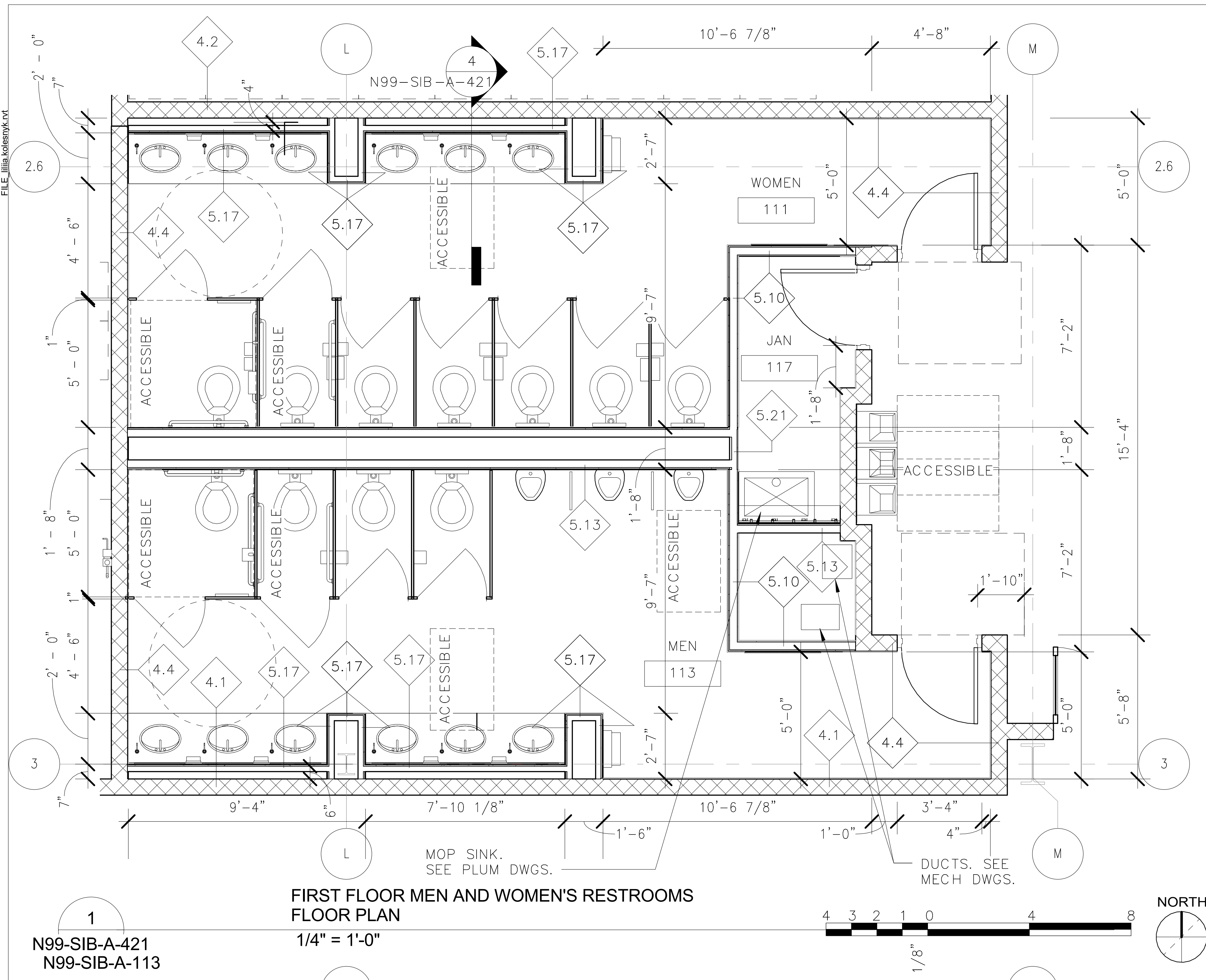
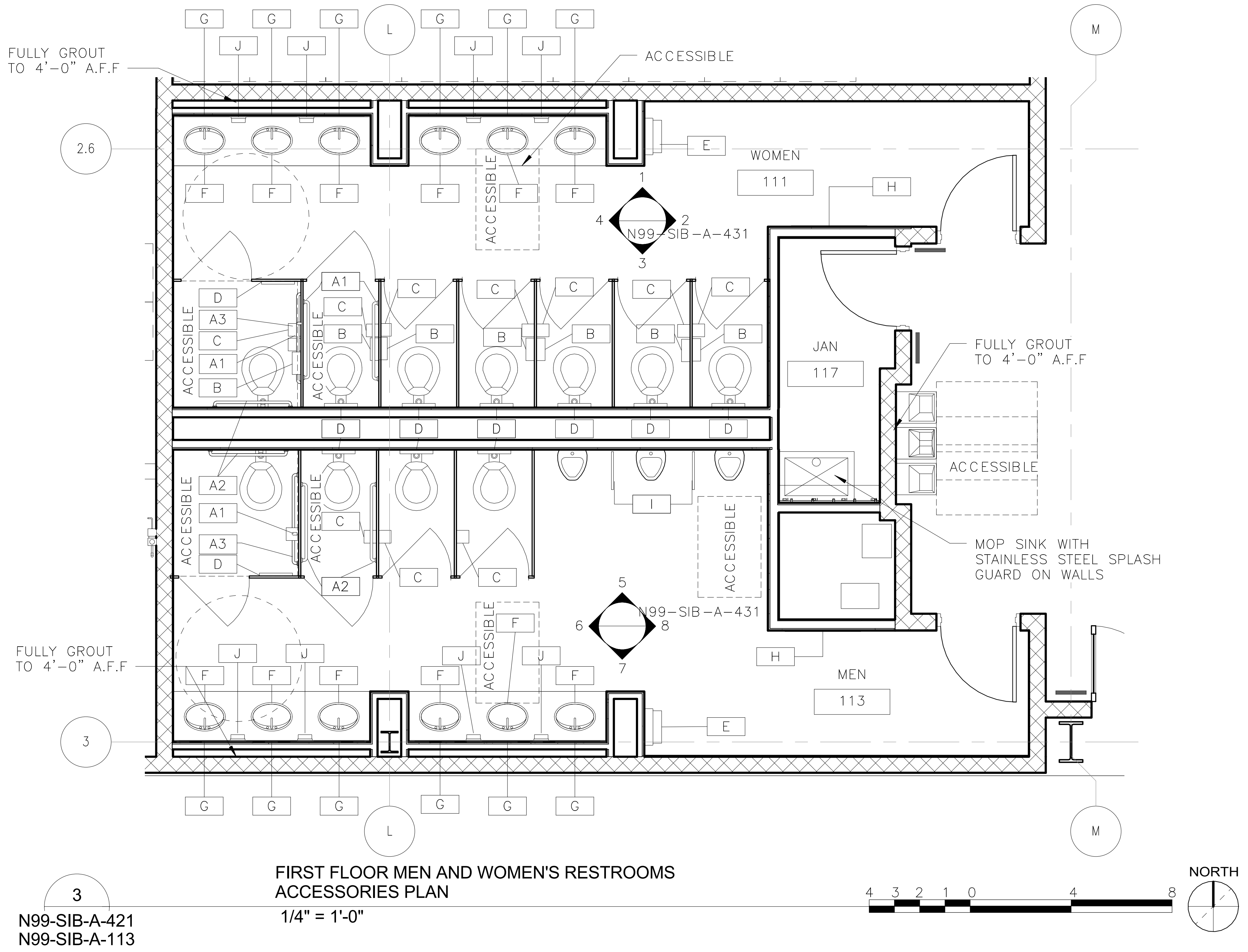


1
N99-SIB-A-421
N99-SIB-A-113

FIRST FLOOR MEN AND WOMEN'S RESTROOMS
FLOOR PLAN

1/4" = 1'-0"



3
N99-SIB-A-421
N99-SIB-A-113

FIRST FLOOR MEN AND WOMEN'S RESTROOMS
ACCESSORIES PLAN

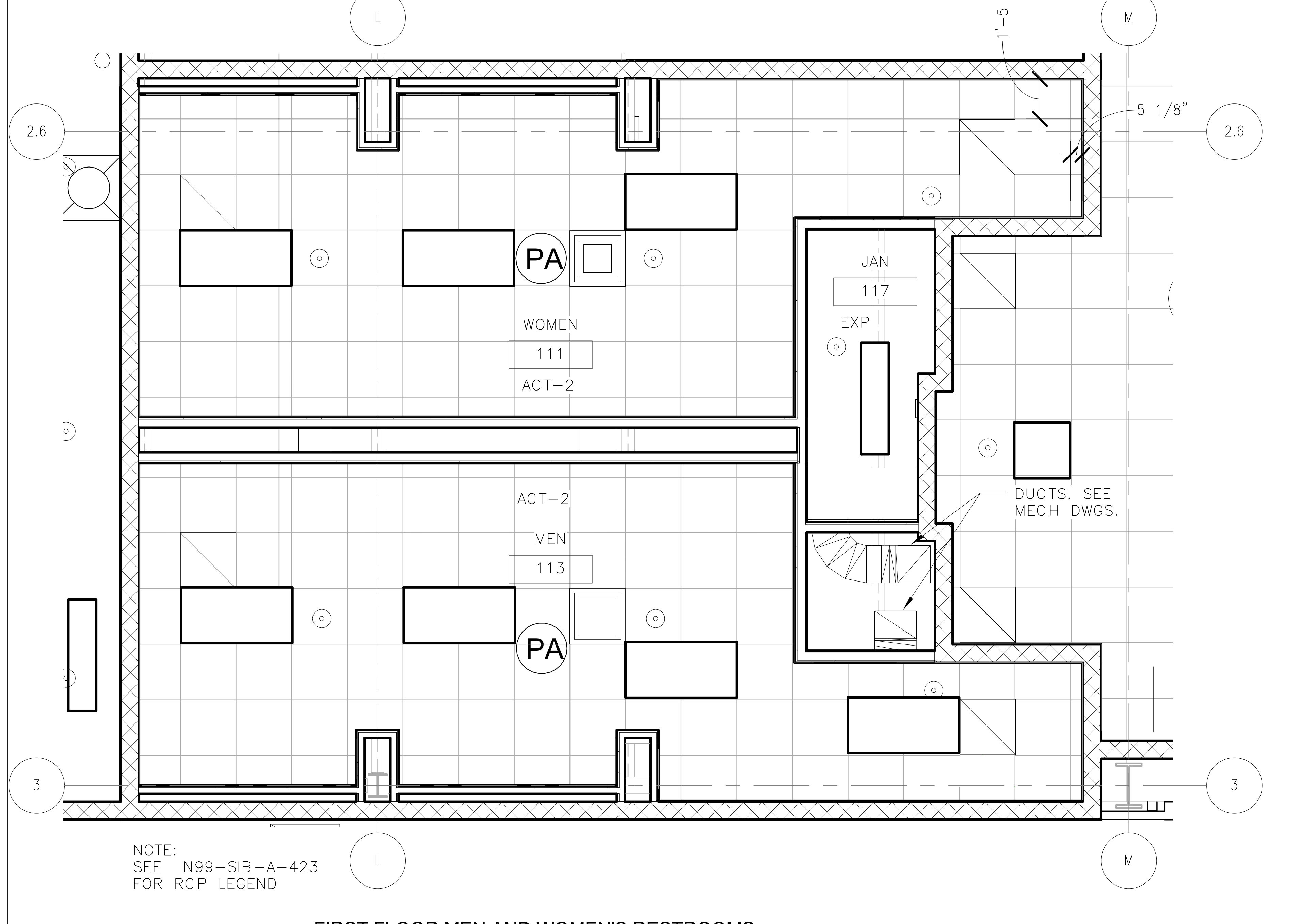
1/4" = 1'-0"

TOILET ACCESSORY LEGEND

A1	18" GRAB BAR	J	WALL MOUNTED COUNTER SOAP DISPENSER
A2	36" GRAB BAR	K	MOP HOLDER W/ SHELF
A3	42" GRAB BAR	MDS	15" WIDE LOCKERS
A4	SHOWER GRAB BAR	O	LOCKER BENCH
B	SANITARY NAPKIN DISPOSAL	AA	SHOWER ROD
C	SURFACE MOUNTED TOILET PAPER DISPENSER	BB	SHOWER CURTAIN
D	SURFACE MOUNTED TOILET SEAT DISPENSER	CC	SHOWER SEAT (ADA)
E	SEMI RECESSED PAPER TOWEL DISPENSER / TRASH CAN	DD	HIGH/LOW ADA WATER FOUNTAIN (SEE PLUMBING DWGS)
F	UNDER COUNTER GUARD	EE	TOWEL HOOK
G	MIRROR	FF	SOAP DISH
H	MIRROR (FULL LENGTH) 3'-0" x 7'-0"		
I	TOILET PARTITIONS		

REFERENCE LCW-GEN-G-005 "ADAAG DETAILS" FOR INSTALLATION HEIGHTS

■	ACCESSIBLE LOCKERS	⬚	ACCESSIBLE CLEAR FLOOR AREA 30"X48"
▬	ACCESSIBLE BENCH	◌	ACCESSIBLE 5'-0" TURN AROUND

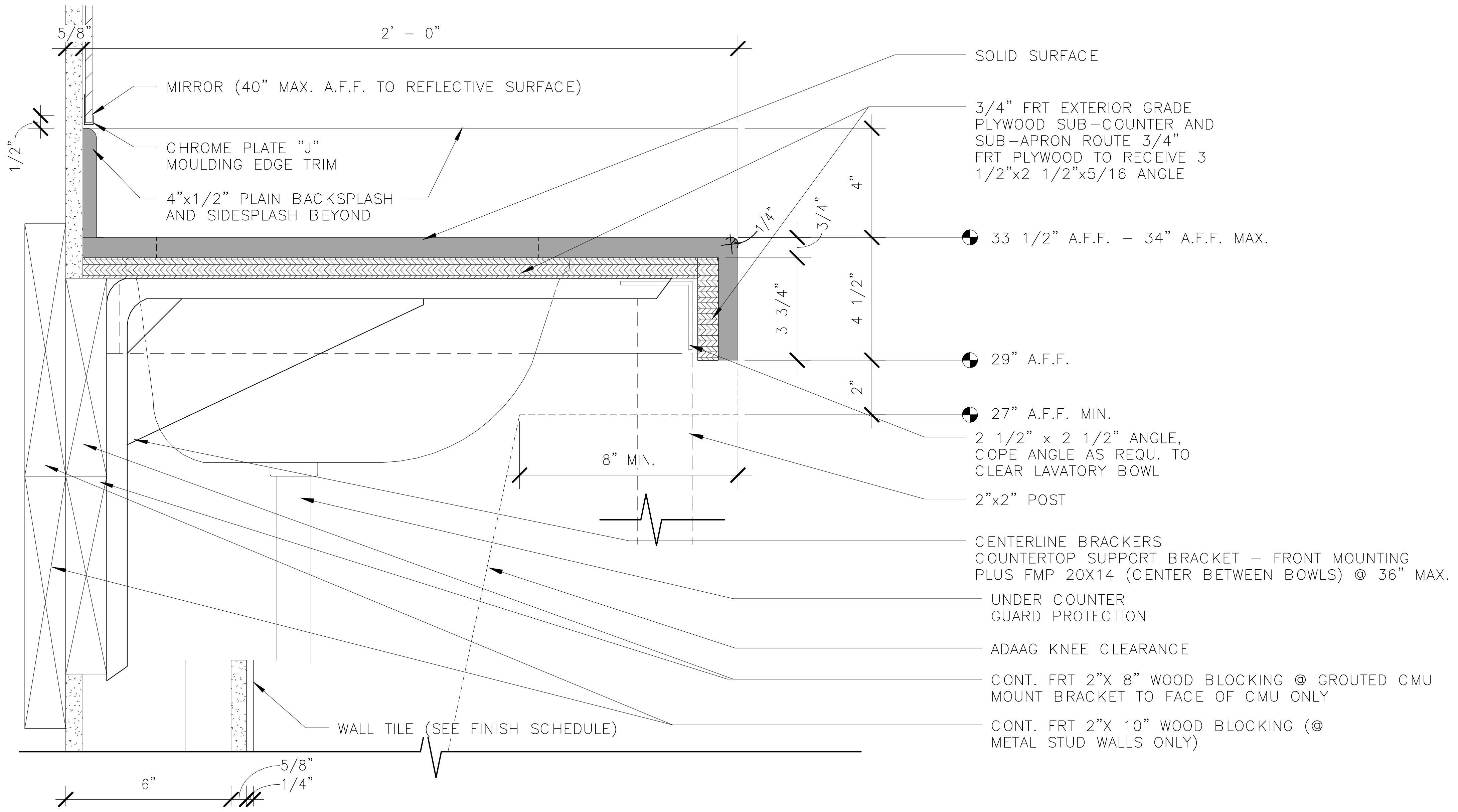


NOTE:
SEE N99-SIB-A-423
FOR RCP LEGEND

2
N99-SIB-A-421
N99-SIB-A-163

FIRST FLOOR MEN AND WOMEN'S RESTROOMS
REFLECTED CEILING PLAN

1/4" = 1'-0"



4
N99-SIB-A-421

ACCESSIBLE SINK COUNTER DETAIL

3" = 1'-0"

ORIGINATORS	
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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - ENLARGED TOILET ROOM PLAN AND DETAILS		
SCALE: AS NOTED	DRAWING NO.: N99-SIB-A-421	

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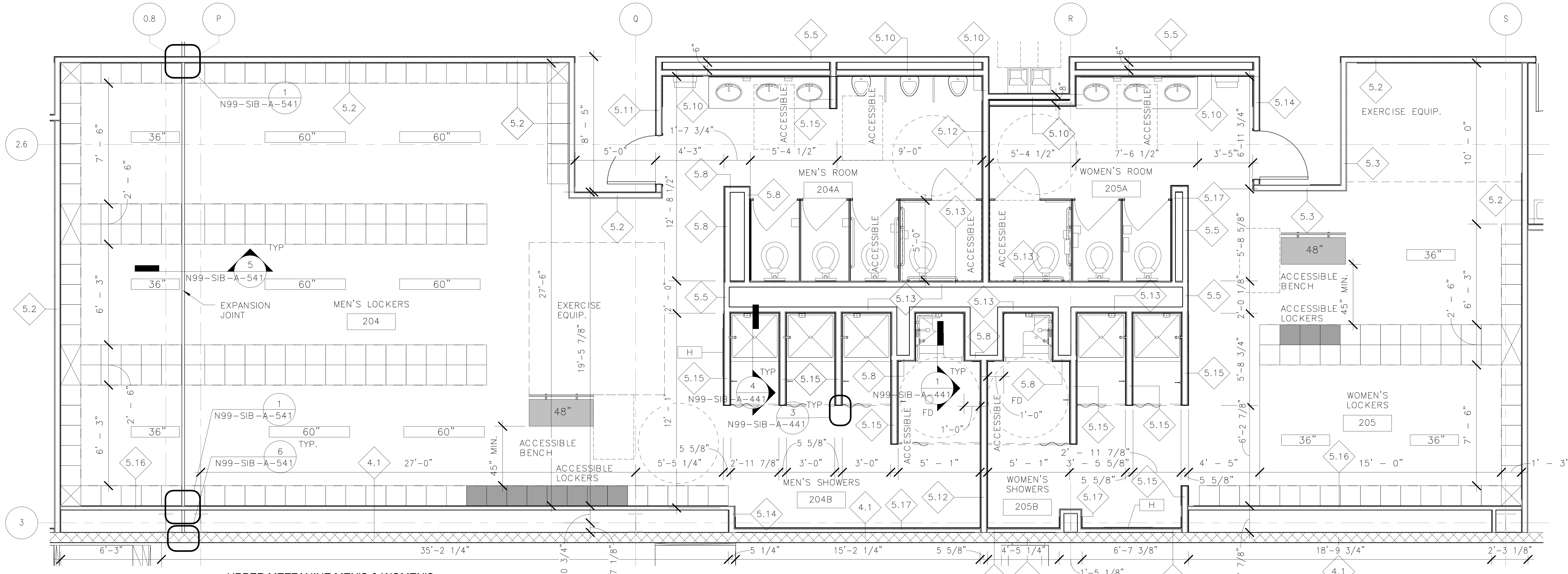


1
N99-SIB-A-422
N99-SIB-A-133

UPPER MEZZANINE MEN'S & WOMEN'S
RESTROOM FLOOR PLAN

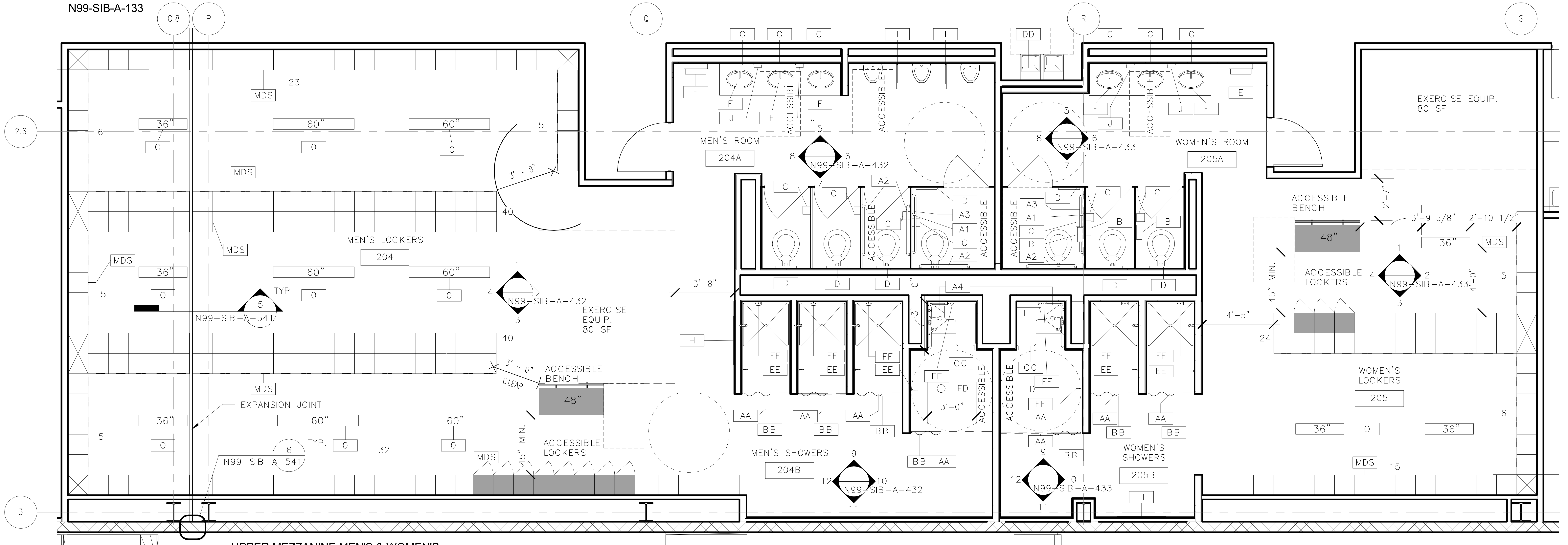
1/4" = 1'-0"

TOILET ACCESSORY LEGEND

A1	18" GRAB BAR	J	WALL MOUNTED COUNTER SOAP DISPENSER
A2	36" GRAB BAR	K	MOP HOLDER W/ SHELF
A3	42" GRAB BAR	MDS	15" WIDE LOCKERS
A4	SHOWER GRAB BAR	O	LOCKER BENCH
B	SANITARY NAPKIN DISPOSAL	AA	SHOWER ROD
C	SURFACE MOUNTED TOILET PAPER DISPENSER	BB	SHOWER CURTAIN
D	SURFACE MOUNTED TOILET SEAT DISPENSER	CC	SHOWER SEAT (ADA)
E	SEMI RECESSED PAPER TOWEL DISPENSER / TRASH CAN	DD	HIGH/LOW ADA WATER FOUNTAIN (SEE PLUMBING DWGS)
F	UNDER COUNTER GUARD	EE	TOWEL HOOK
G	MIRROR	FF	SOAP DISH
H	MIRROR (FULL LENGTH) 3'-0" x 7'-0"		
I	TOILET PARTITIONS		

REFERENCE LCW-GEN-G-005 "ADAAG DETAILS" FOR INSTALLATION HEIGHTS

▨	ACCESSIBLE LOCKERS	⬚	ACCESSIBLE CLEAR FLOOR AREA 30"X48"
▨	ACCESSIBLE BENCH	○	ACCESSIBLE 5'-0" TURN AROUND

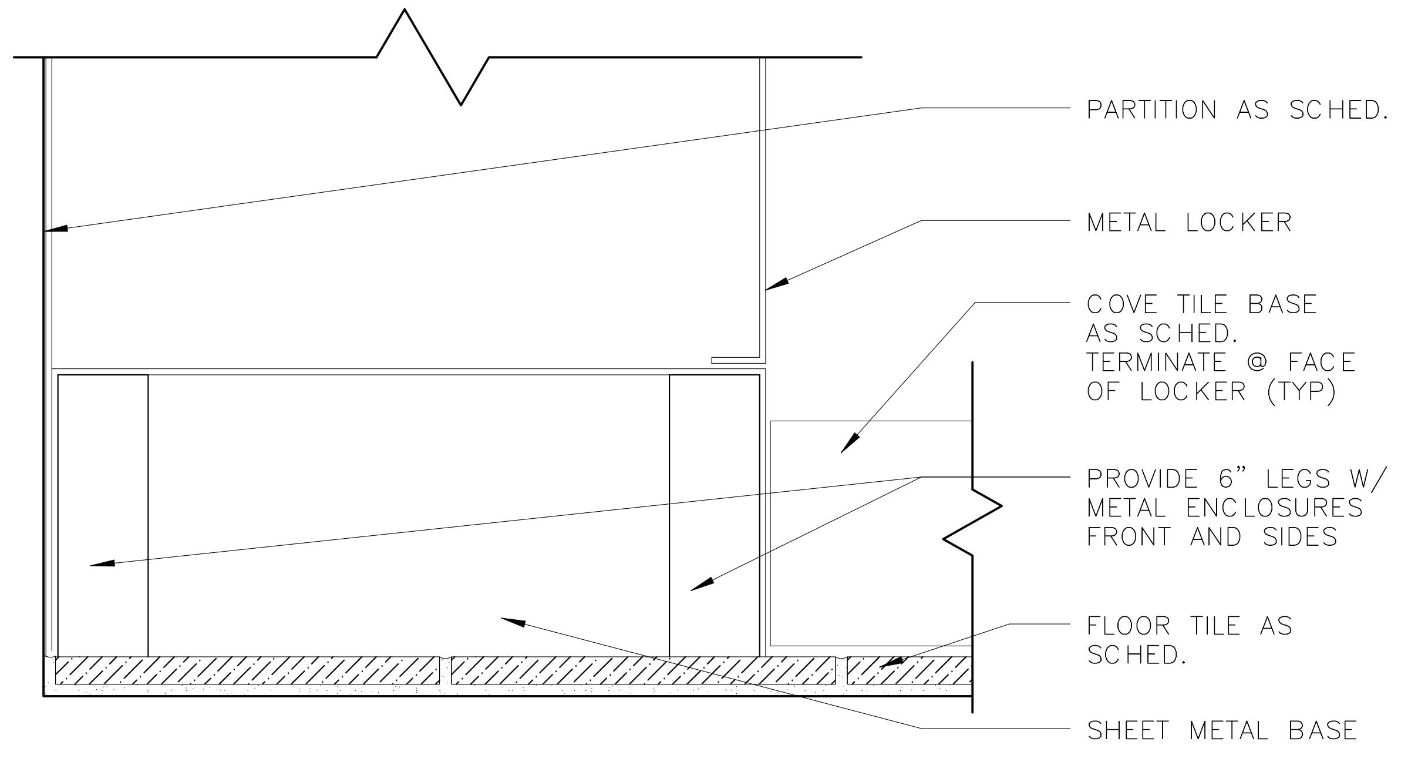


NORTH

2
N99-SIB-A-422
N99-SIB-A-133

UPPER MEZZANINE MEN'S & WOMEN'S
RESTROOM ACCESSORIES PLAN

1/4" = 1'-0"



3
N99-SIB-A-422

LOCKER SECTION DETAIL

3" = 1'-0"

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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METRORAIL PROJECT

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39D-02-16
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RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED TOILET ROOM PLAN AND DETAILS

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

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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:
1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.

2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F. FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

▦ 2' X 2' SUSPENDED ACOUSTIC PANEL

▭ EXPOSED METAL DECK

▭ 2' X 4' LAY-IN LIGHT FIXTURE

□ 2' X 2' LAY-IN LIGHT FIXTURE

▭ 1' X 4' LIGHT FIXTURE

■ CCTV

PA SPEAKER

○ HIGH BAY LIGHT FIXTURE

— 4' INDUSTRIAL STRIP LT. FIX

◦ RECESSED DOWN LIGHT

⊗ EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

▣ HVAC DIFFUSER

⧄ HVAC RETURN

Ⓜ MICROPHONE

⊙ SPRINKLER

PH HORN SPEAKER

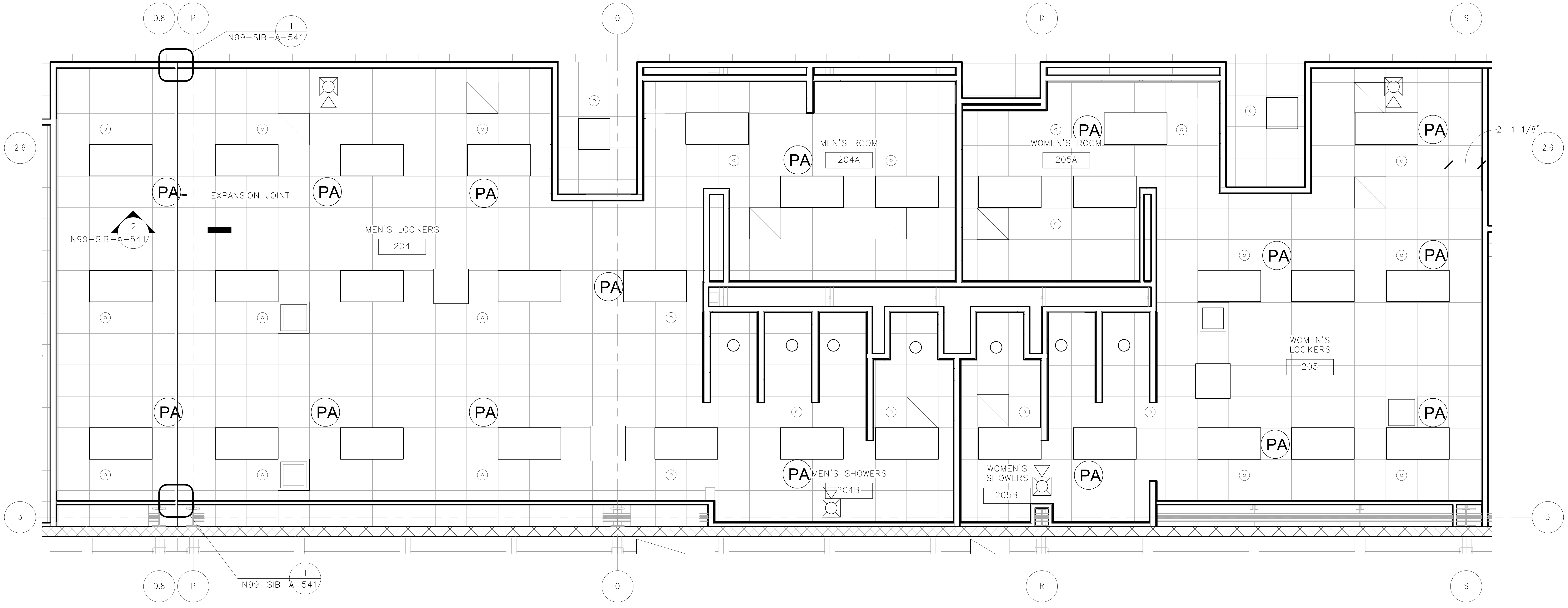
▭ SLOT DIFFUSER

Ⓢ SMOKE DETECTOR

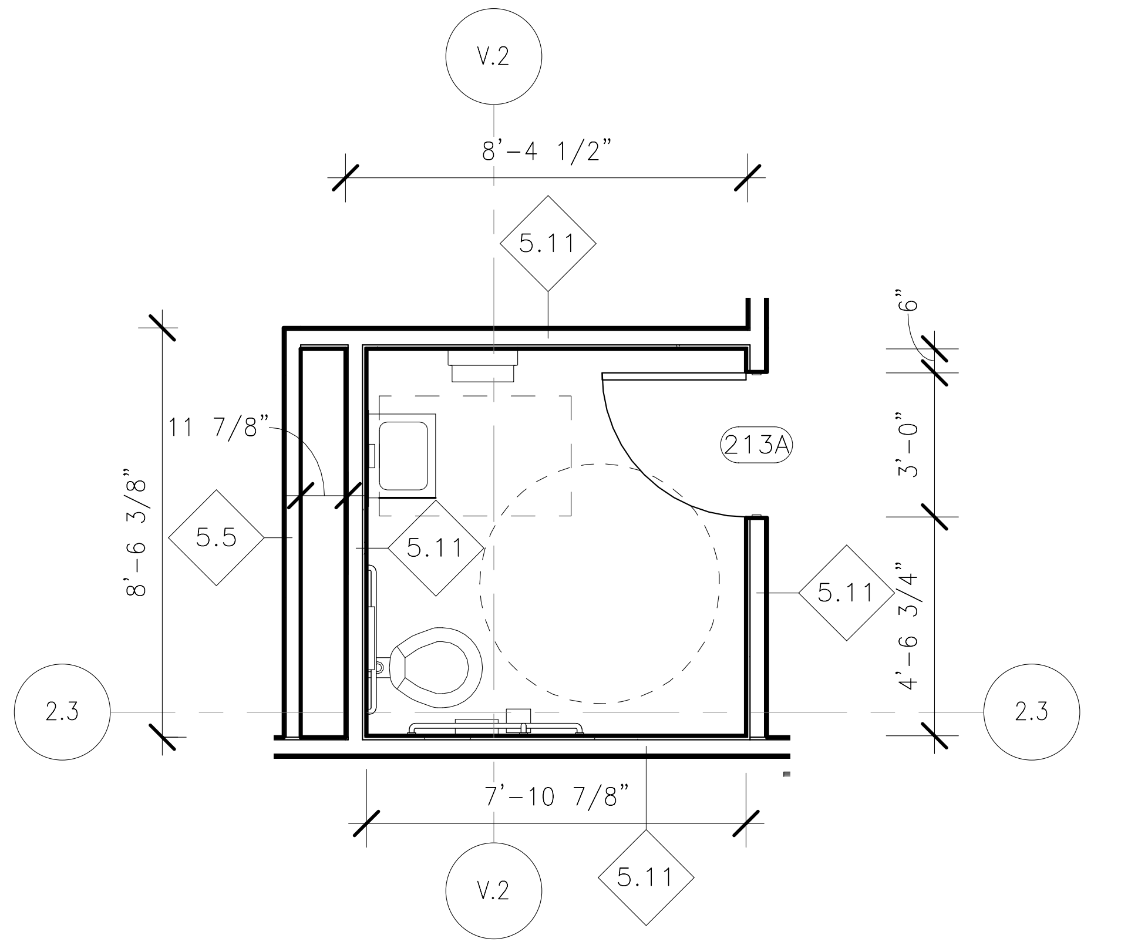
♀ EXTERIOR LIGHT FIXTURE

⊠ SPEAKER STROBE

▲ CARBON MONOXIDE DETECTOR



1
N99-SIB-A-423
UPPER MEZZANINE MEN'S & WOMEN'S RESTROOM REFLECTED CEILING PLAN
1/4" = 1'-0"



2
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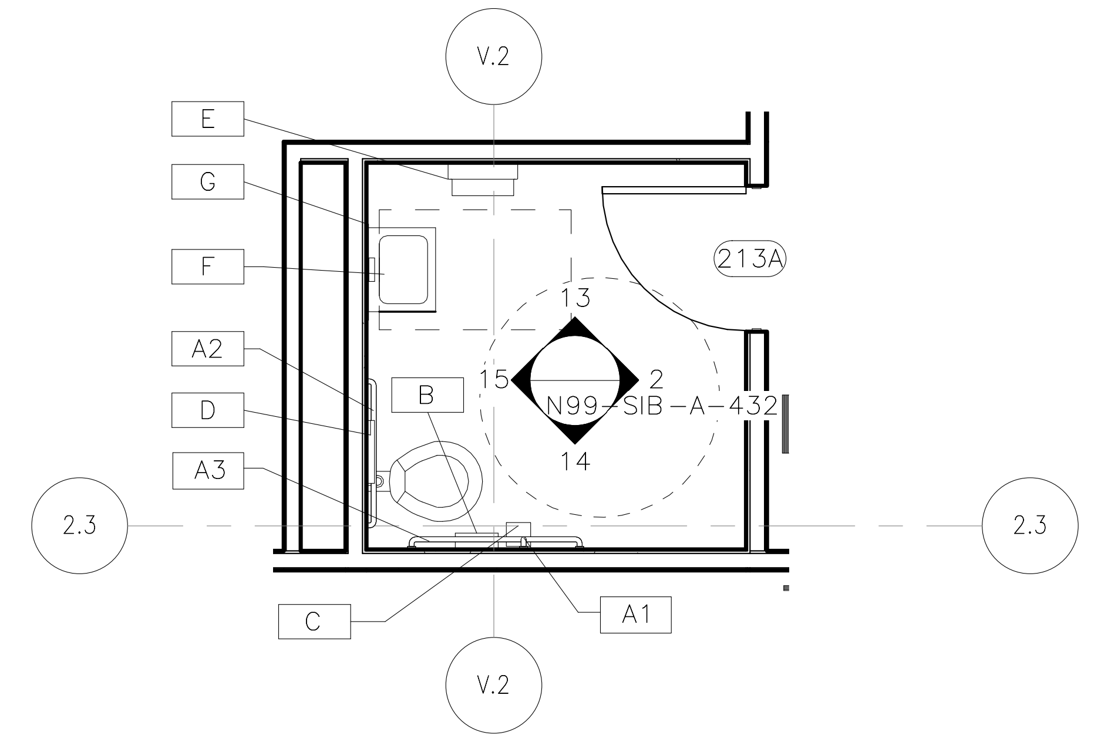
RESTROOM 213A FLOOR PLAN
1/4" = 1'-0"



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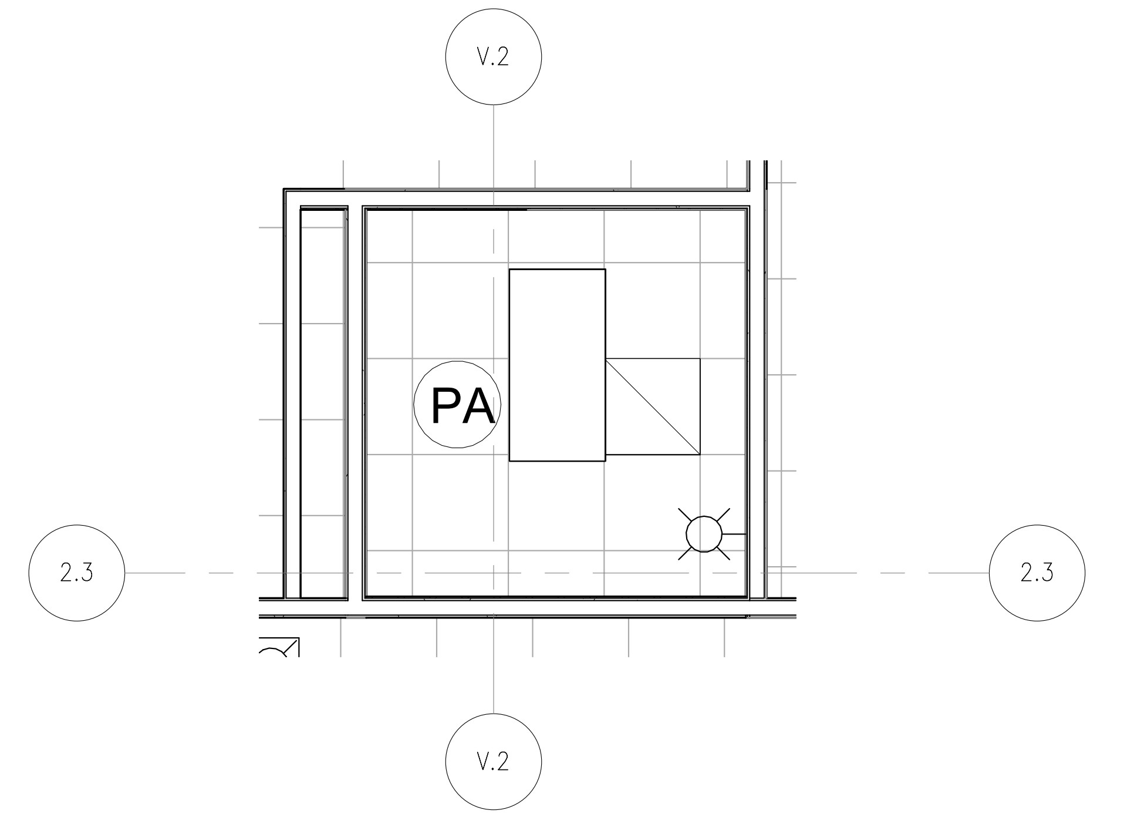
RESTROOM 213A ACCESSORY PLAN
1/4" = 1'-0"



4
N99-SIB-A-423
RESTROOM 213A REFLECTED CEILING PLAN
1/4" = 1'-0"

NORTH

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
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39D-02-16
CONTRACT NO.: 8-14-C001

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SIB - ENLARGED TOILET ROOM PLANS AND DETAILS

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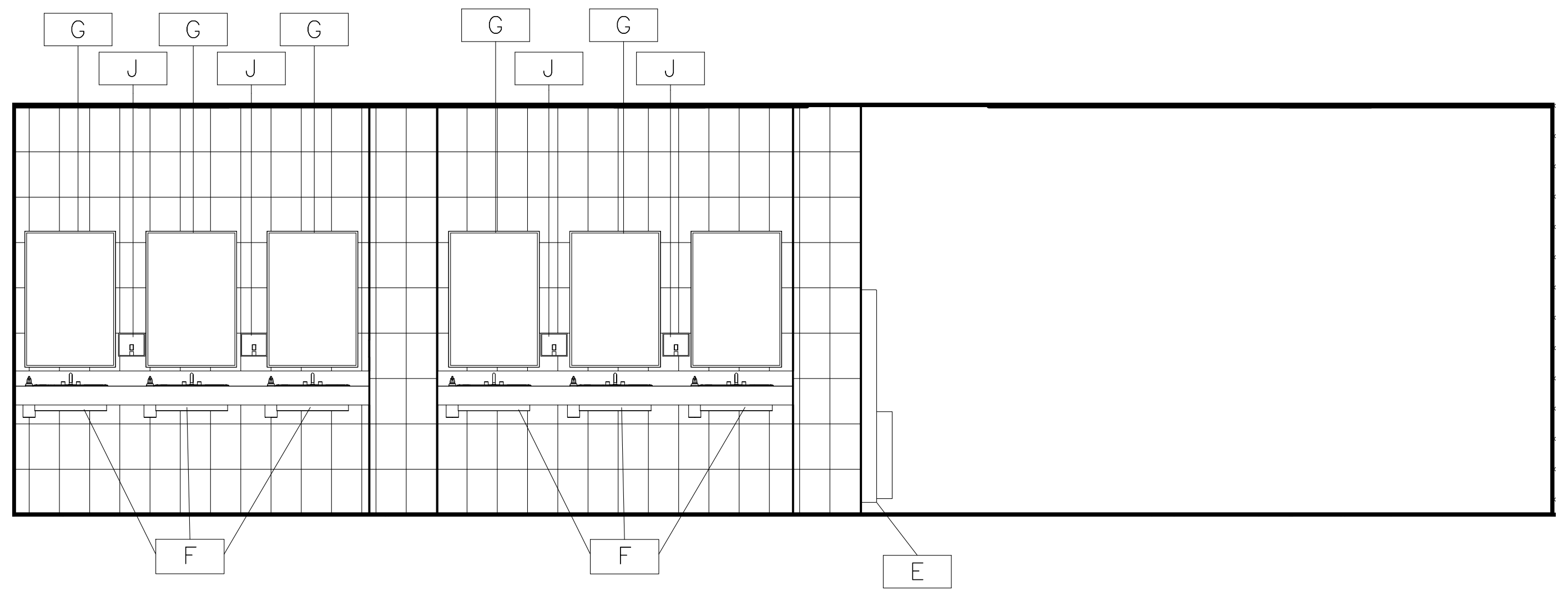
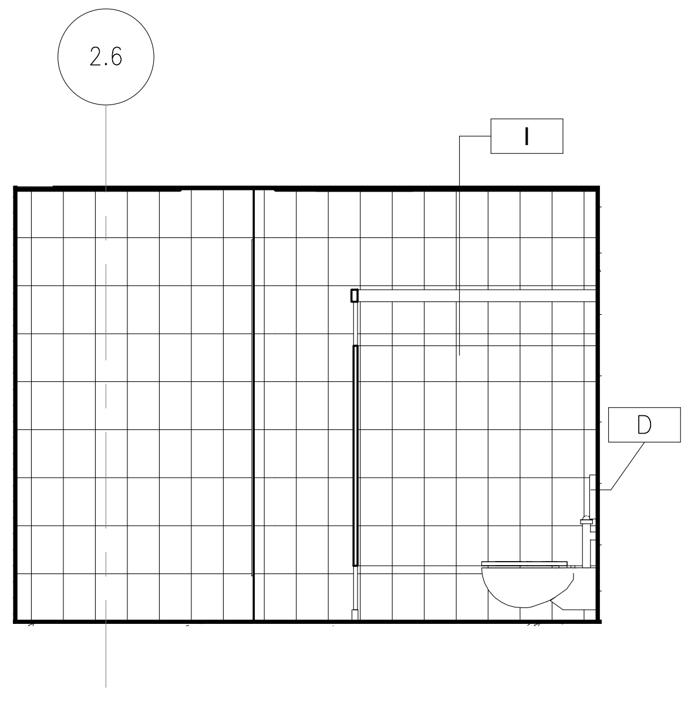
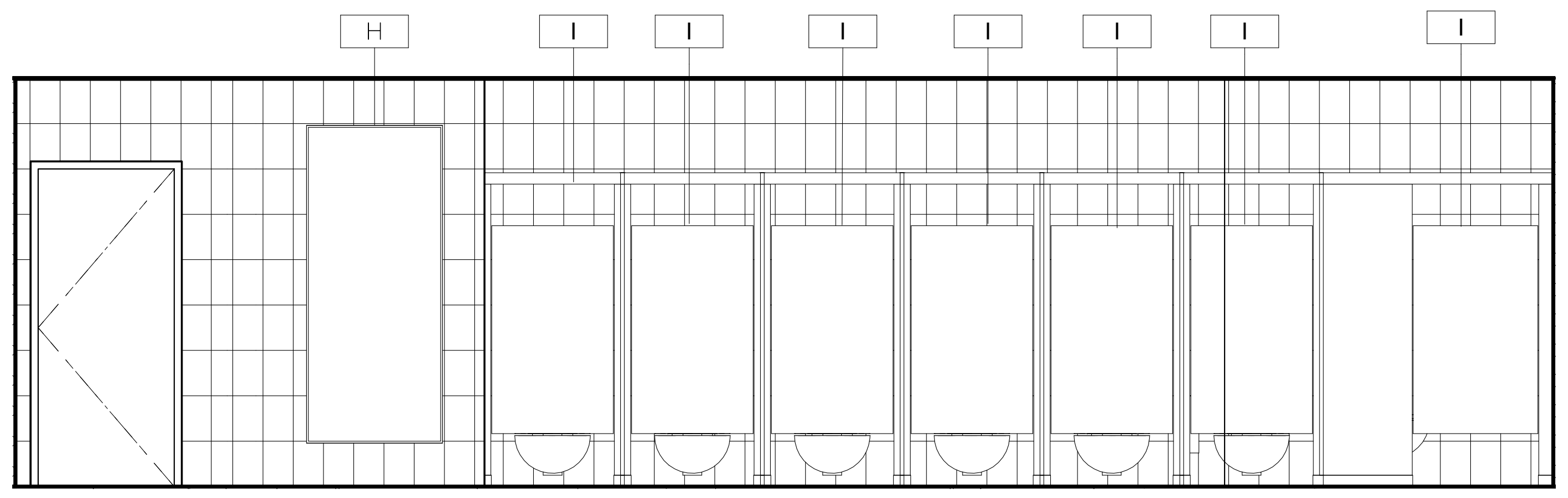


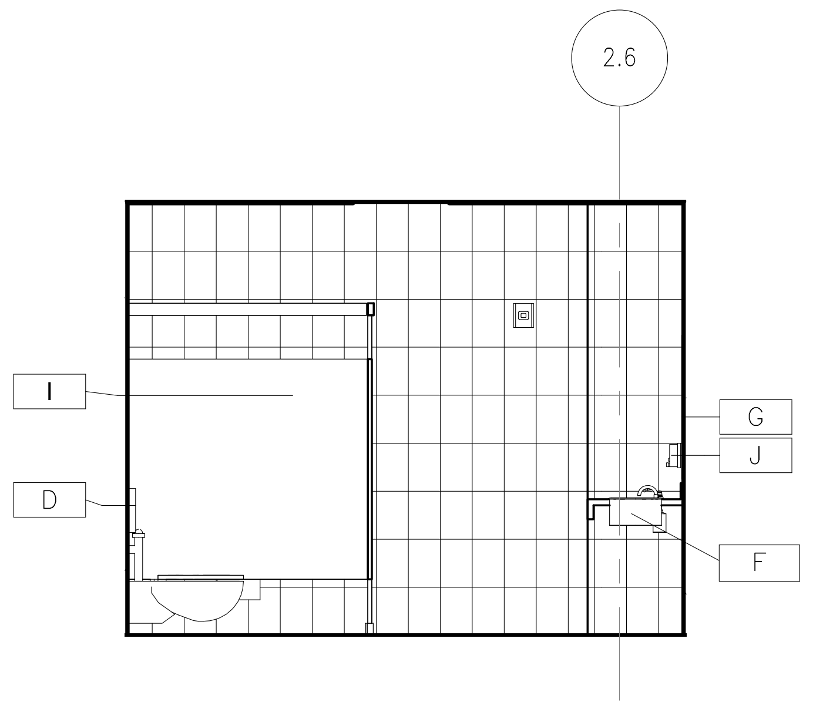
1
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR WOMEN'S ROOM NORTH
1/4" = 1'-0"
4 3 2 1 0 4 8



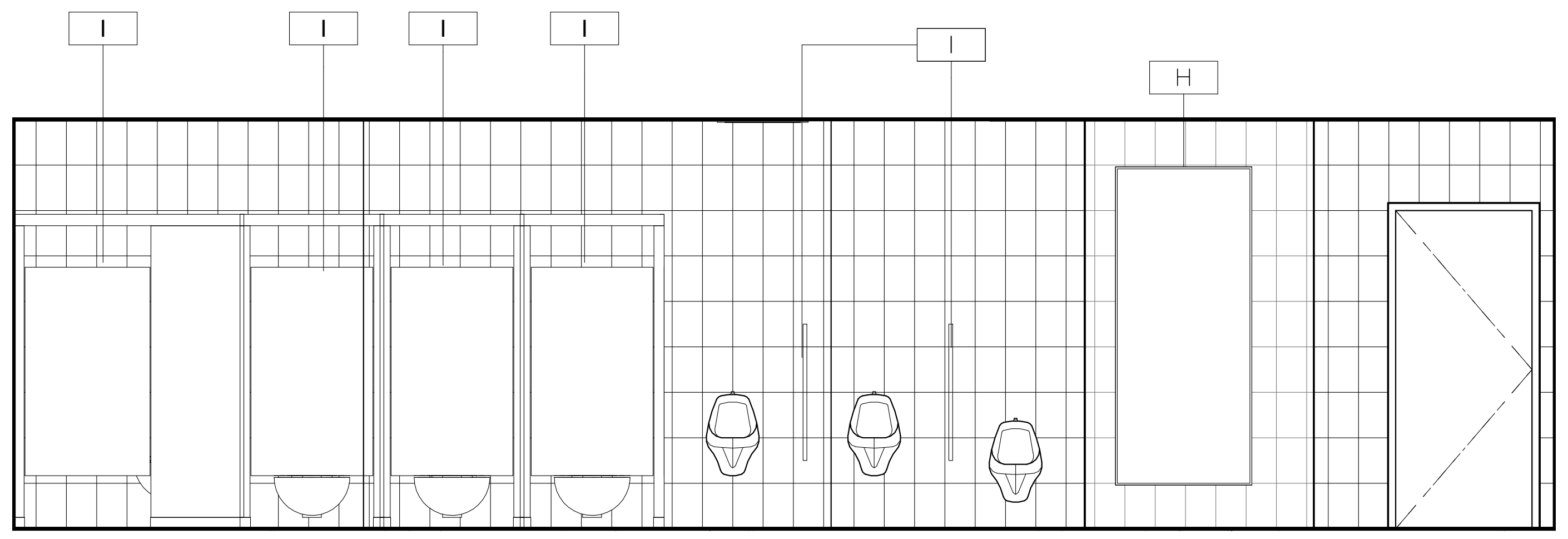
2
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR WOMEN'S ROOM EAST
1/4" = 1'-0"
4 3 2 1 0 4 8



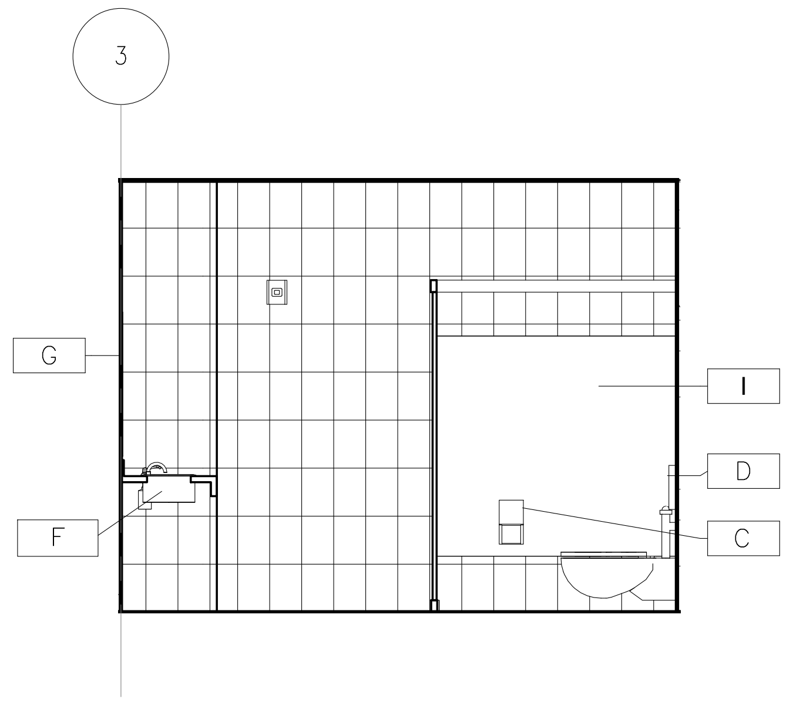
3
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR WOMEN'S ROOM SOUTH
1/4" = 1'-0"
4 3 2 1 0 4 8



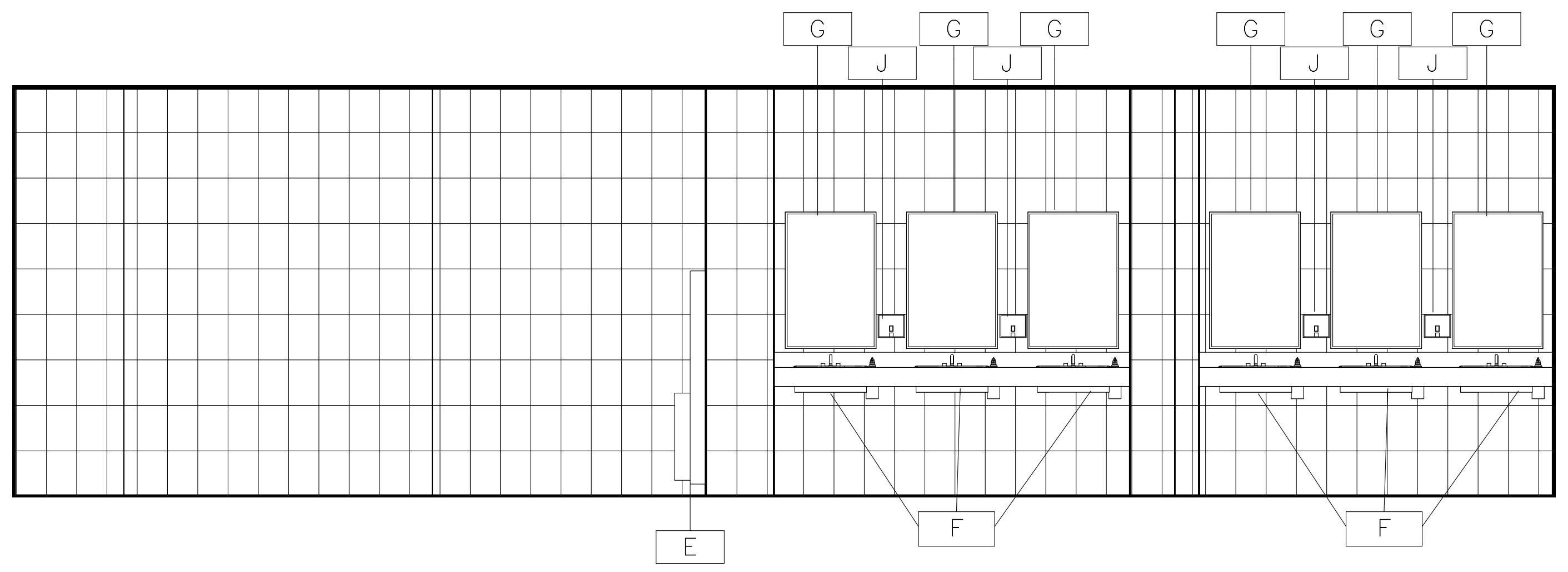
4
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR WOMEN'S ROOM WEST
1/4" = 1'-0"
4 3 2 1 0 4 8



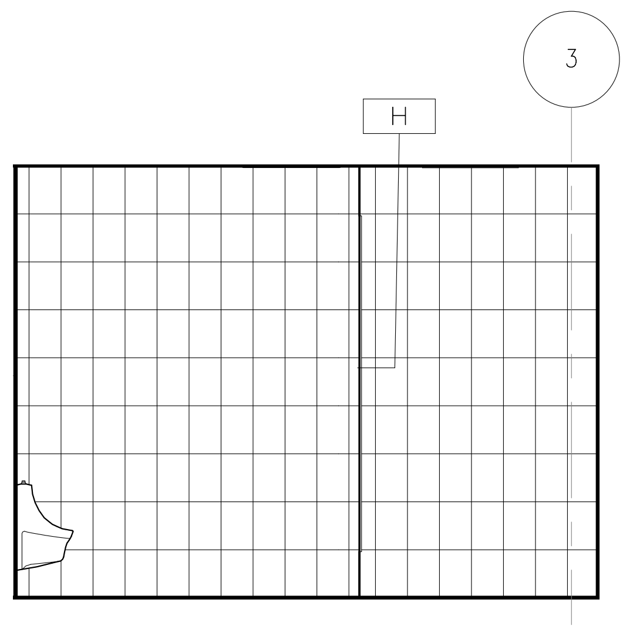
5
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR MEN'S ROOM NORTH
1/4" = 1'-0"
4 3 2 1 0 4 8



6
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR MEN'S ROOM EAST
1/4" = 1'-0"
4 3 2 1 0 4 8



7
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR MEN'S ROOM SOUTH
1/4" = 1'-0"
4 3 2 1 0 4 8



8
N99-SIB-A-431
N99-SIB-A-421
FIRST FLOOR MEN'S ROOM WEST
1/4" = 1'-0"
4 3 2 1 0 4 8

TOILET ACCESSORY LEGEND

A1	18" GRAB BAR	J	WALL MOUNTED COUNTER SOAP DISPENSER
A2	36" GRAB BAR	K	MOP HOLDER W/ SHELF
A3	42" GRAB BAR	MDS	15" WIDE LOCKERS
A4	SHOWER GRAB BAR	O	LOCKER BENCH
B	SANITARY NAPKIN DISPOSAL	AA	SHOWER ROD
C	SURFACE MOUNTED TOILET PAPER DISPENSER	BB	SHOWER CURTAIN
D	SURFACE MOUNTED TOILET SEAT DISPENSER	CC	SHOWER SEAT (ADA)
E	SEMI RECESSED PAPER TOWEL DISPENSER / TRASH CAN	DD	HIGH/LOW ADA WATER FOUNTAIN (SEE PLUMBING DWGS)
F	UNDER COUNTER GUARD	EE	TOWEL HOOK
G	MIRROR	FF	SOAP DISH
H	MIRROR (FULL LENGTH) 3'-0" x 7'-0"		
I	TOILET PARTITIONS		

REFERENCE LCW-GEN-G-005 "ADAAG DETAILS" FOR INSTALLATION HEIGHTS

■	ACCESSIBLE LOCKERS	▭	ACCESSIBLE CLEAR FLOOR AREA 30"X48"
▬	ACCESSIBLE BENCH	○	ACCESSIBLE 5'-0" TURN AROUND

ORIGINATORS

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No. 011155

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SIB - TOILET ROOM ELEVATIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-431

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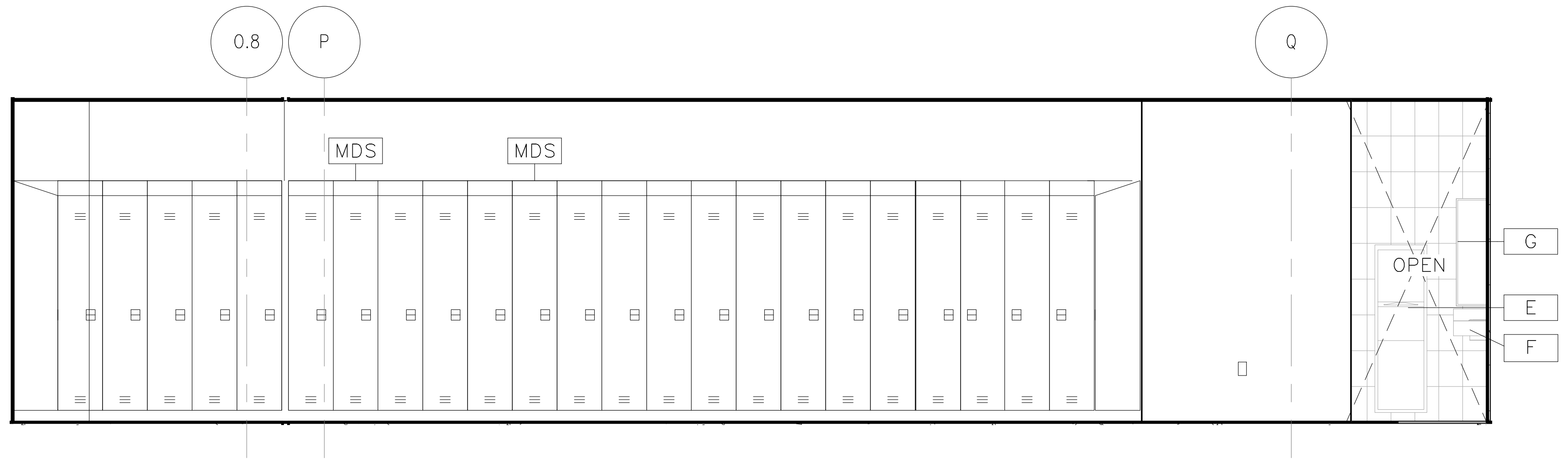
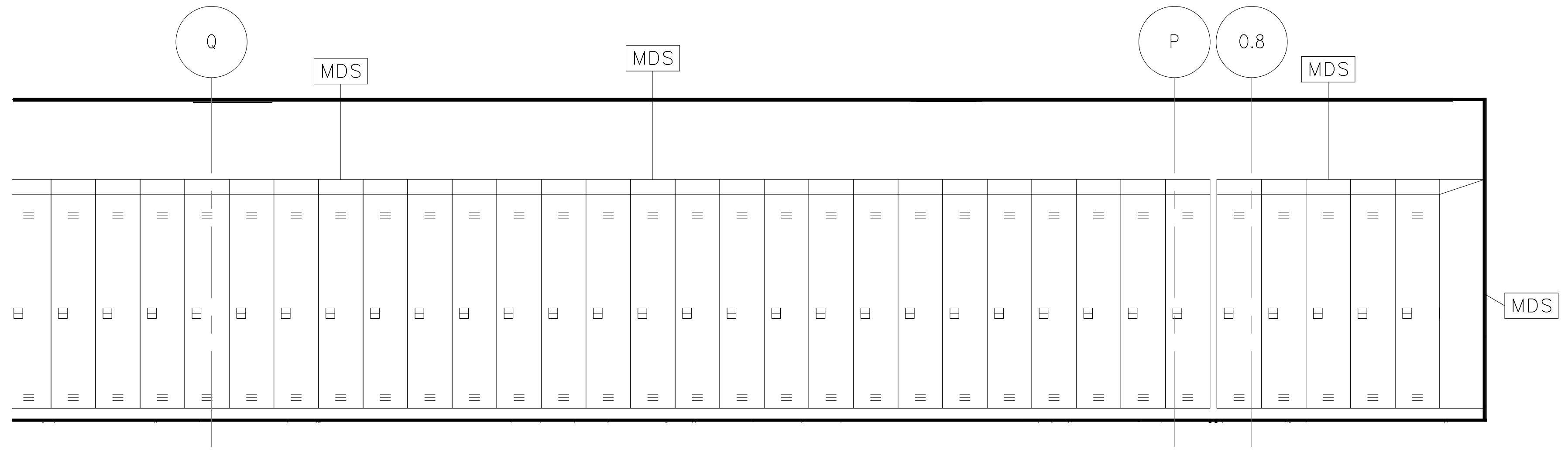


1 UPPER MEZZANINE MEN'S LOCKERS NORTH
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
4 3 2 1 0 4 8



3 UPPER MEZZANINE MEN'S LOCKERS SOUTH
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
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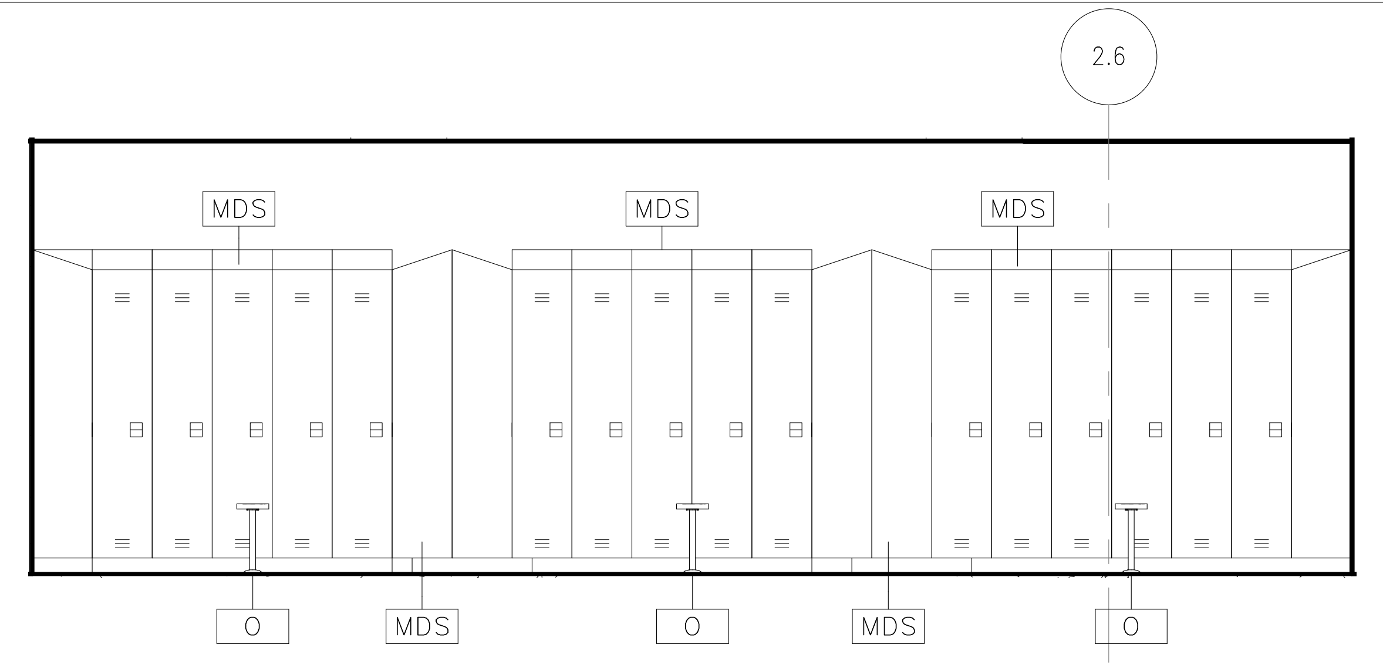

4 UPPER MEZZANINE MEN'S LOCKERS WEST
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
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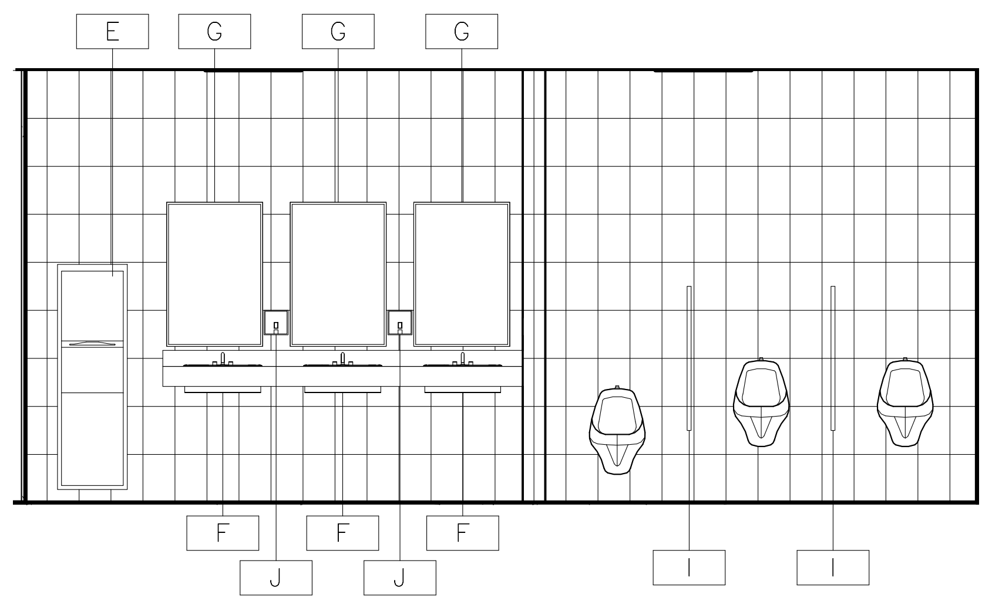

5 UPPER MEZZANINE MEN'S ROOM NORTH
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
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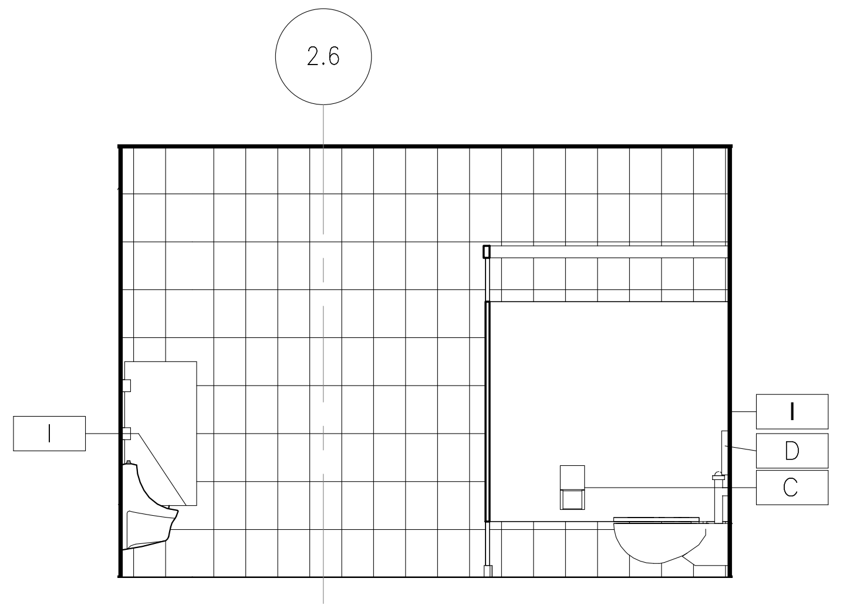

6 UPPER MEZZANINE MEN'S ROOM EAST
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
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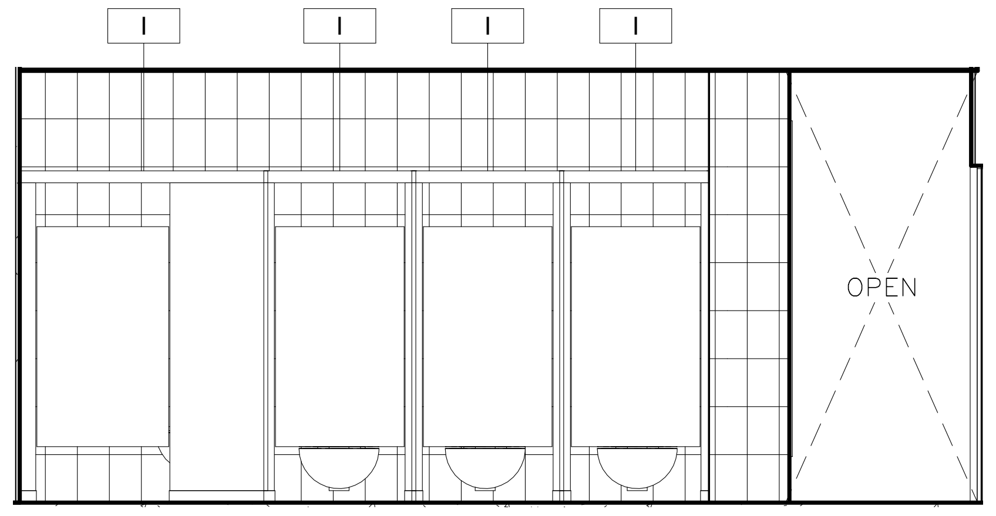

7 UPPER MEZZANINE MEN'S ROOM SOUTH
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N99-SIB-A-422
1/4" = 1'-0"
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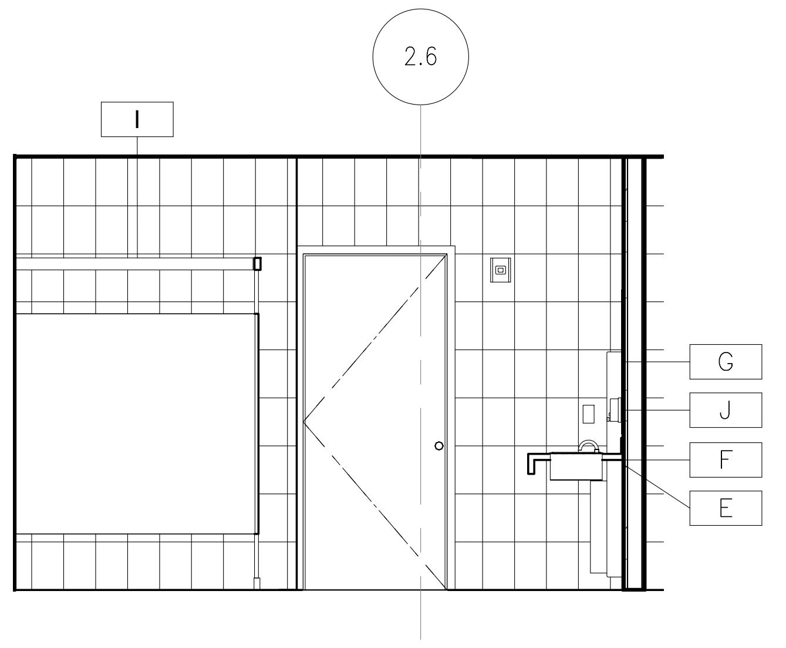

8 UPPER MEZZANINE MEN'S ROOM WEST
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
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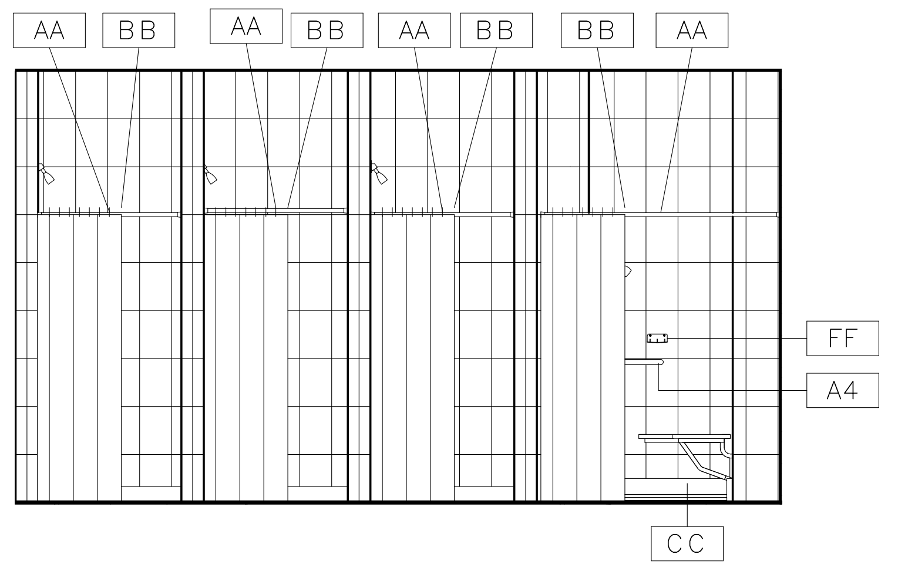

9 UPPER MEZZANINE MEN'S SHOWERS NORTH
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N99-SIB-A-422
1/4" = 1'-0"
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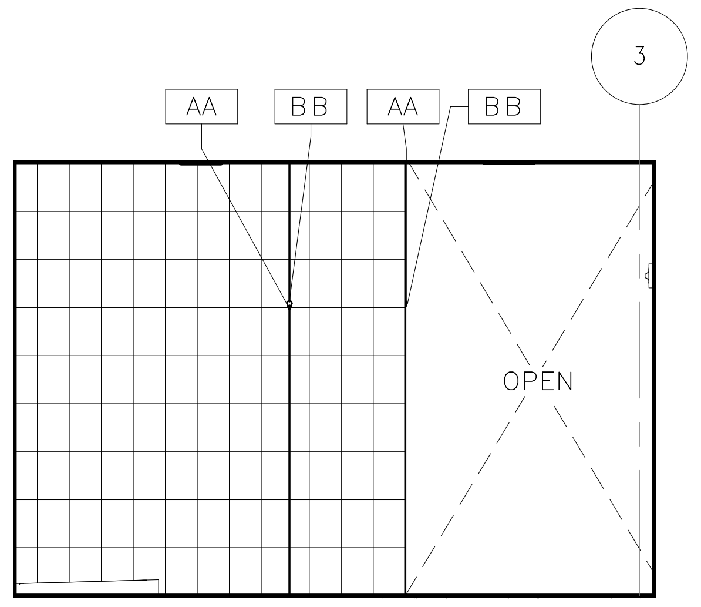

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N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
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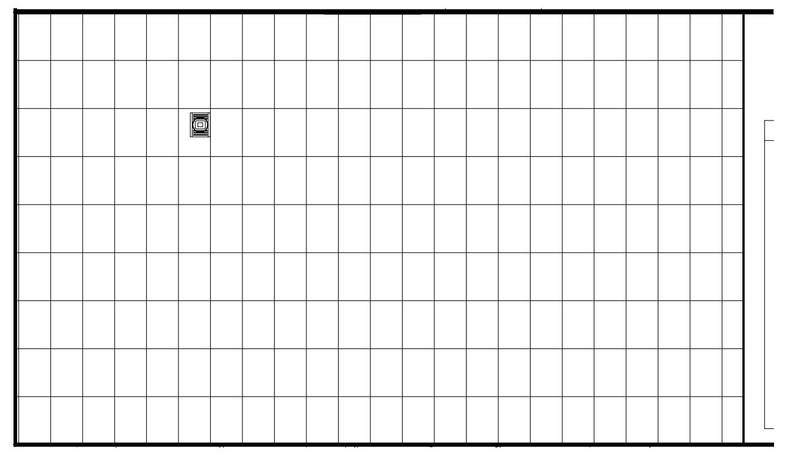

11 UPPER MEZZANINE MEN'S SHOWERS SOUTH
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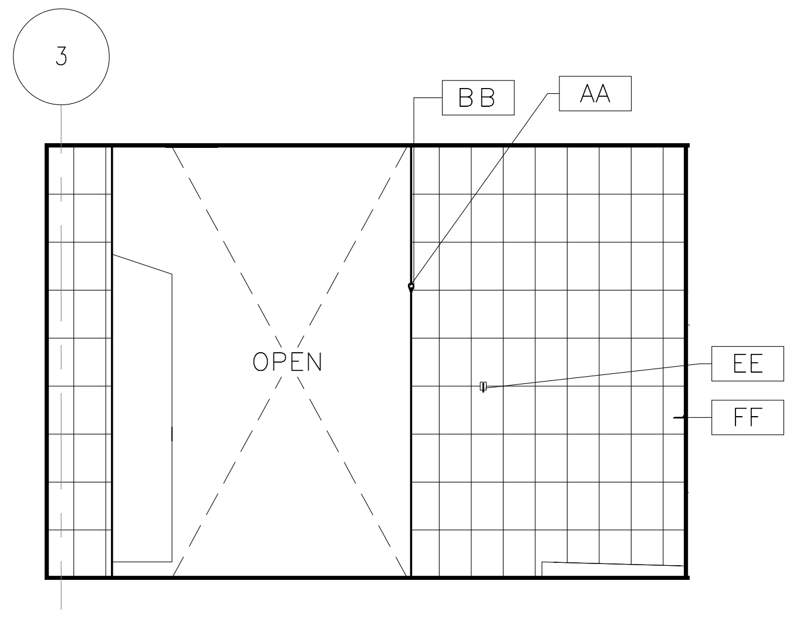
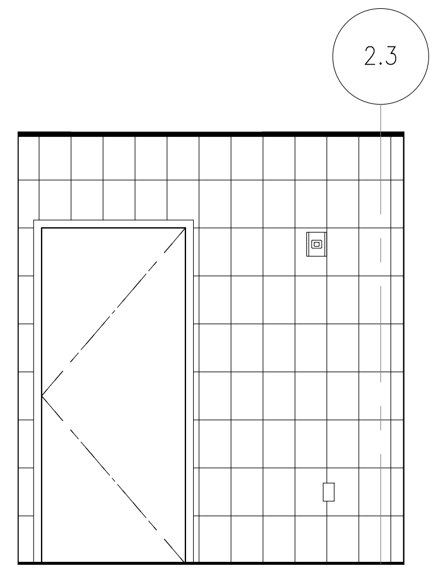
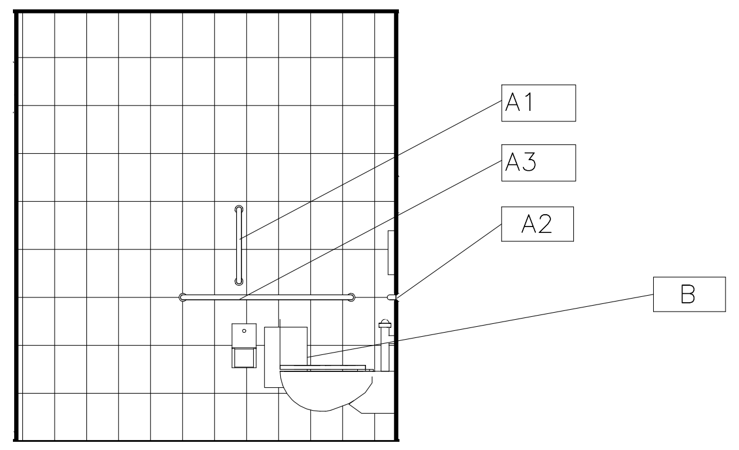
N99-SIB-A-422
1/4" = 1'-0"
4 3 2 1 0 4 8



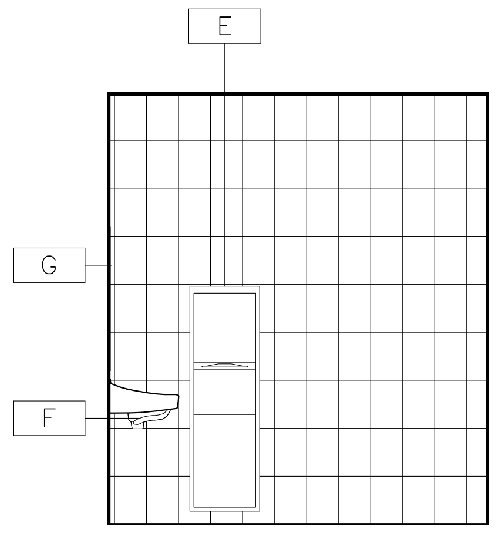
12 UPPER MEZZANINE MEN'S SHOWERS WEST
N99-SIB-A-432
N99-SIB-A-422
1/4" = 1'-0"
4 3 2 1 0 4 8



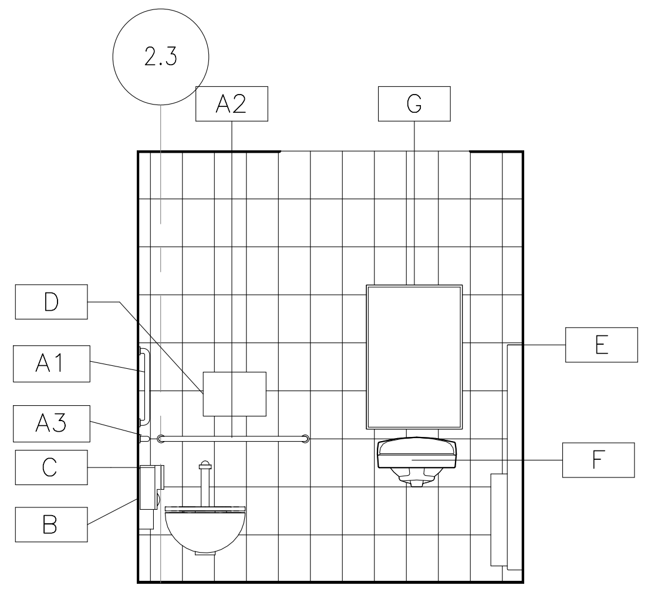
2 UNISEX TOILET EAST
N99-SIB-A-432
N99-SIB-A-423
1/4" = 1'-0"
4 3 2 1 0 4 8



14 UNISEX TOILET SOUTH
N99-SIB-A-432
N99-SIB-A-423
1/4" = 1'-0"
4 3 2 1 0 4 8



13 UNISEX TOILET NORTH
N99-SIB-A-432
N99-SIB-A-423
1/4" = 1'-0"
4 3 2 1 0 4 8



15 UNISEX TOILET WEST
N99-SIB-A-432
N99-SIB-A-423
1/4" = 1'-0"
4 3 2 1 0 4 8

ORIGINATORS

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39D-02-16
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RAIL YARD AND MAINTENANCE FACILITY

SIB - TOILET ROOM ELEVATIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-432

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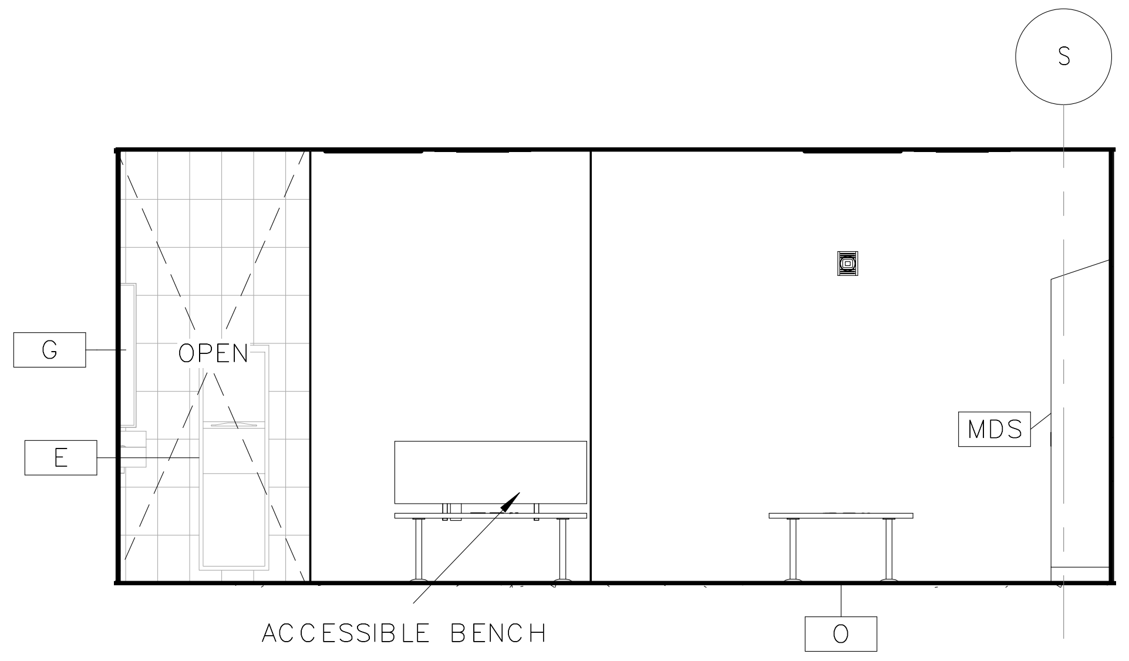
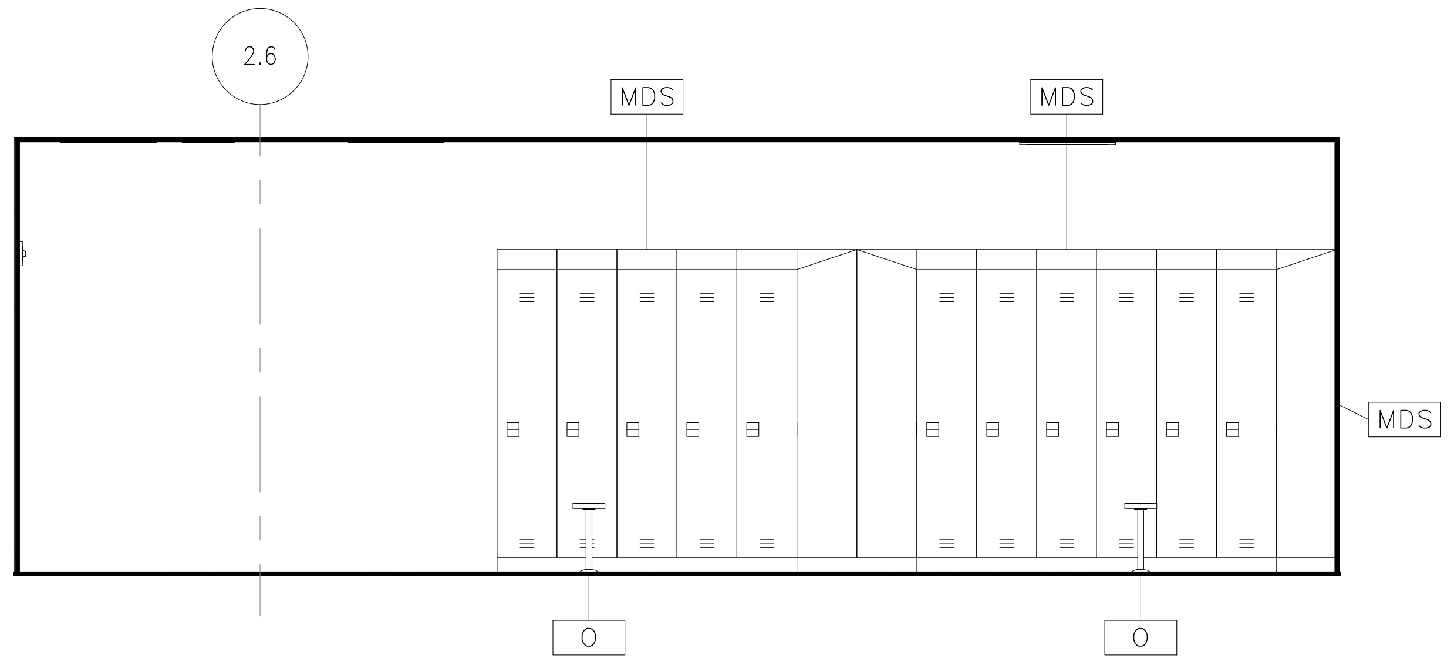


1
N99-SIB-A-433
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S LOCKERS NORTH
1/4" = 1'-0"
4 3 2 1 0 4 8



2
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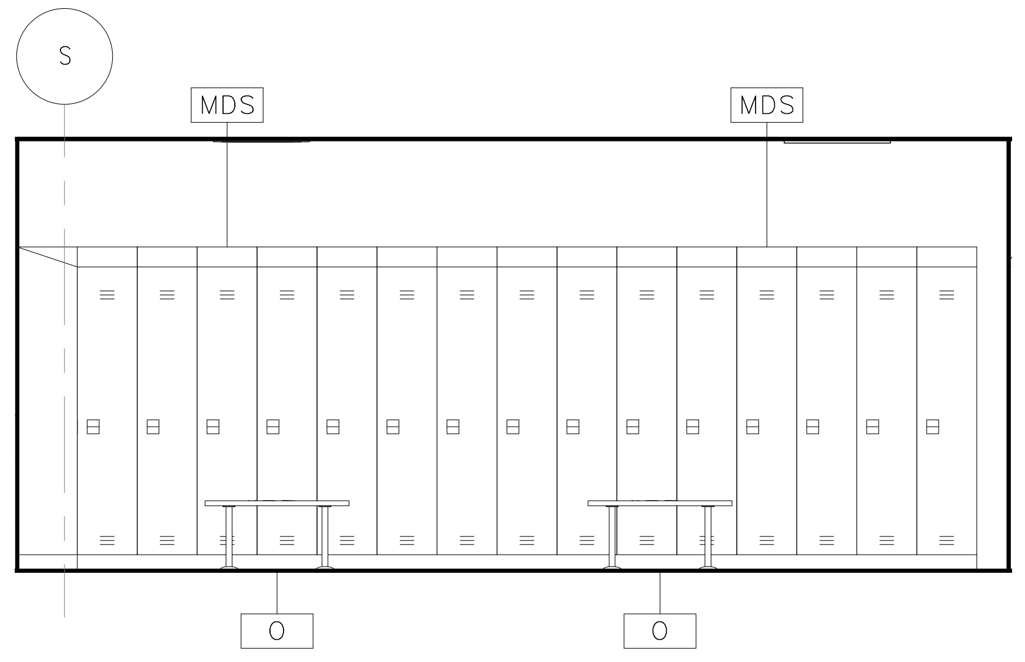
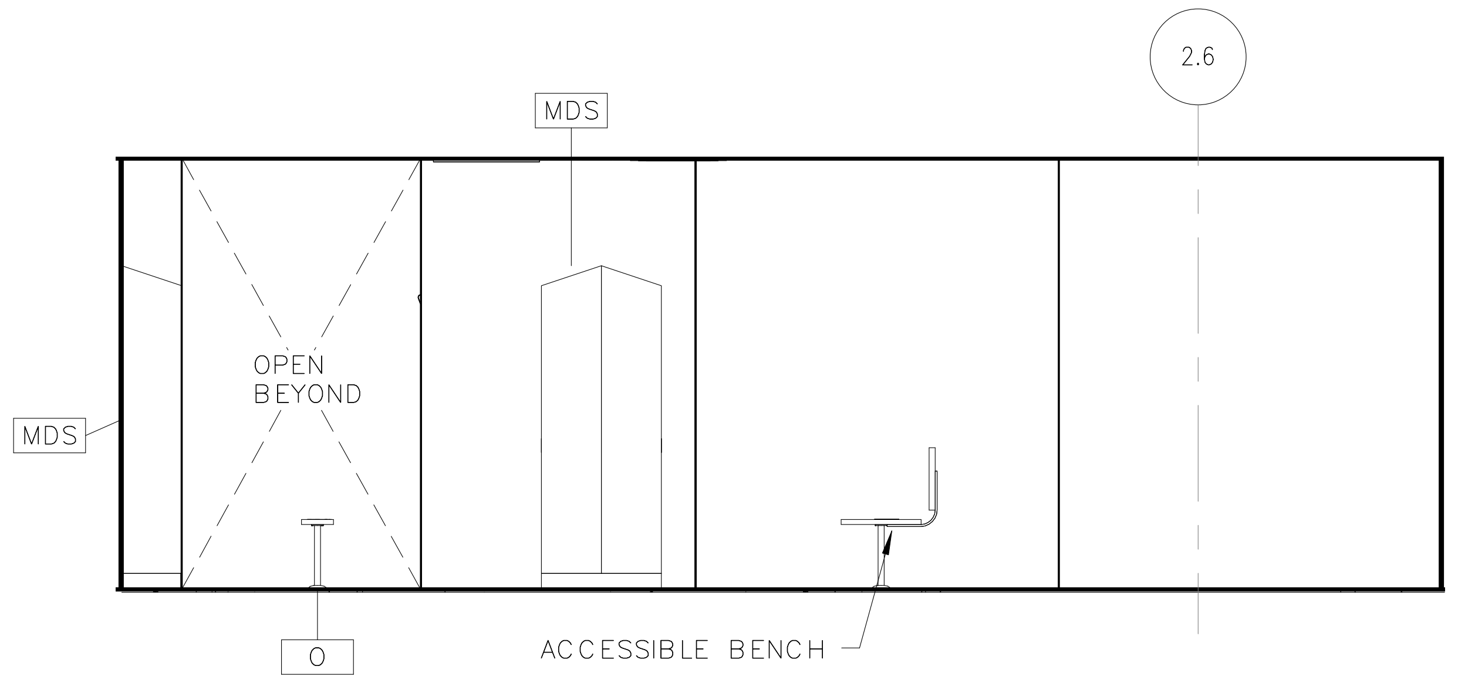
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S LOCKERS EAST
1/4" = 1'-0"
4 3 2 1 0 4 8



3
N99-SIB-A-433
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S LOCKERS SOUTH
1/4" = 1'-0"
4 3 2 1 0 4 8



4
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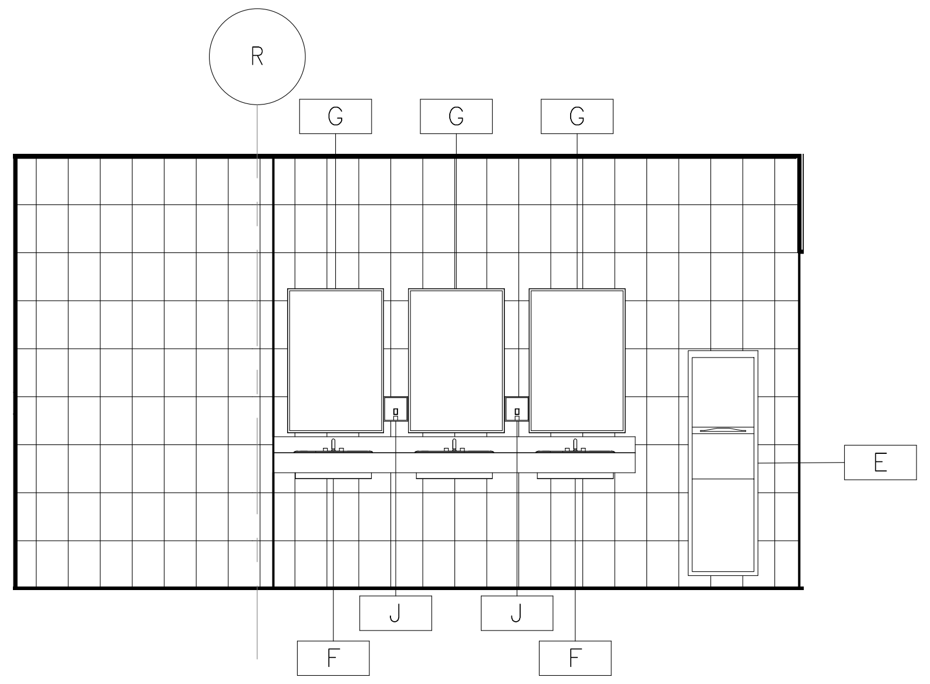
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S LOCKERS WEST
1/4" = 1'-0"
4 3 2 1 0 4 8



5
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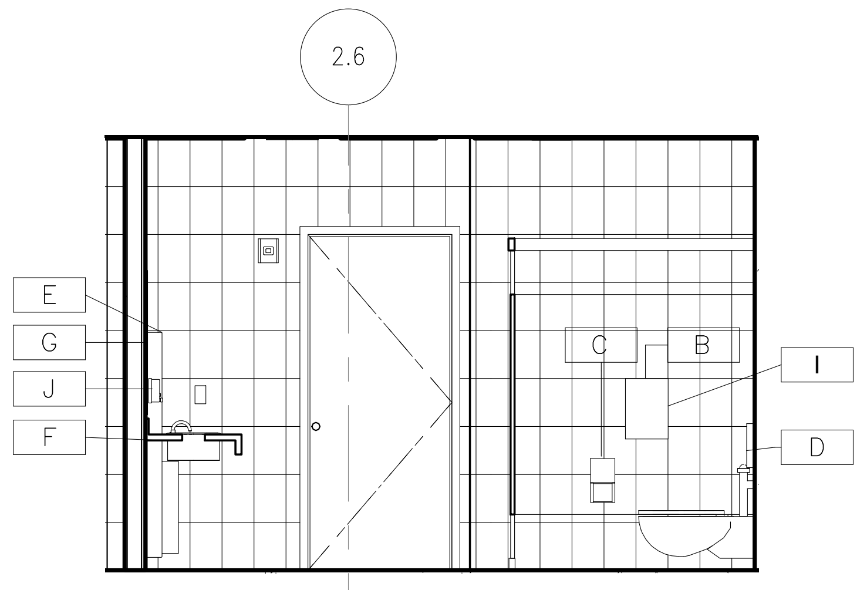
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S ROOM NORTH
1/4" = 1'-0"
4 3 2 1 0 4 8



6
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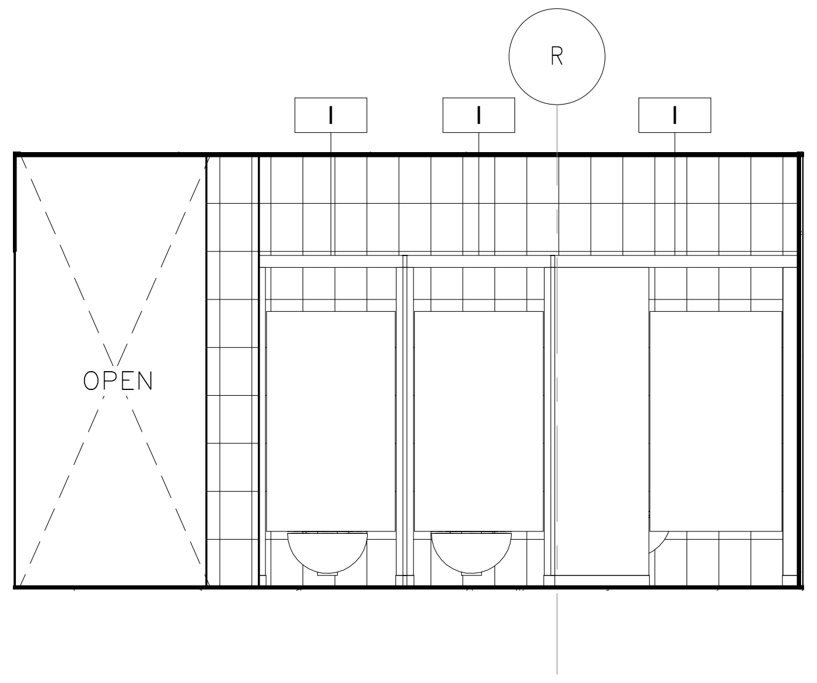
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S ROOM EAST
1/4" = 1'-0"
4 3 2 1 0 4 8



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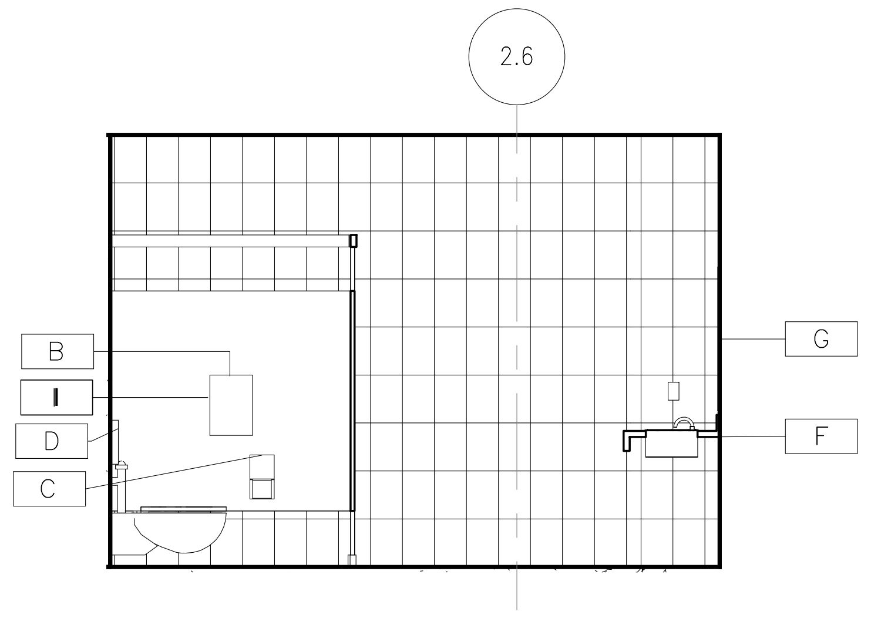
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S ROOM SOUTH
1/4" = 1'-0"
4 3 2 1 0 4 8



8
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UPPER MEZZANINE WOMEN'S ROOM WEST
1/4" = 1'-0"
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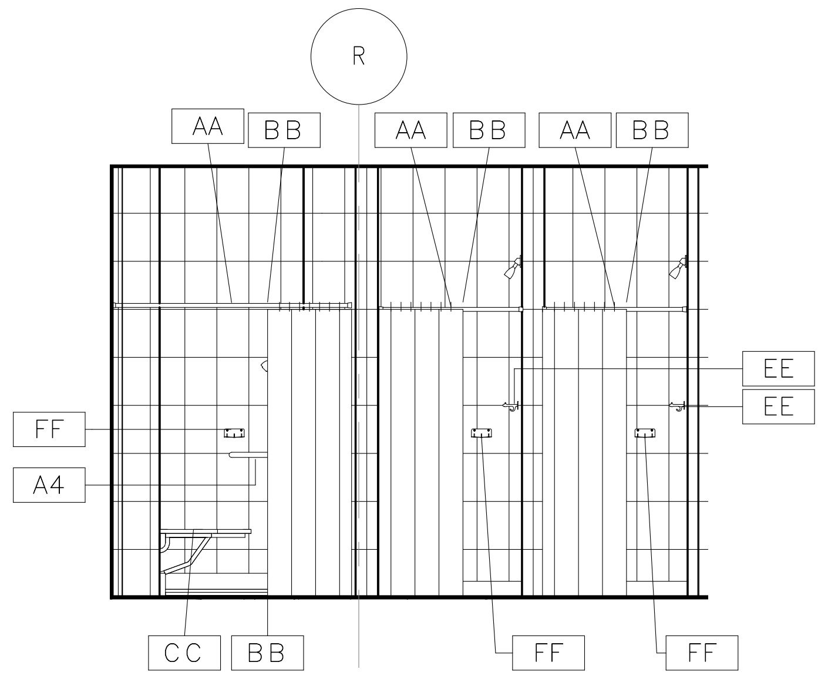
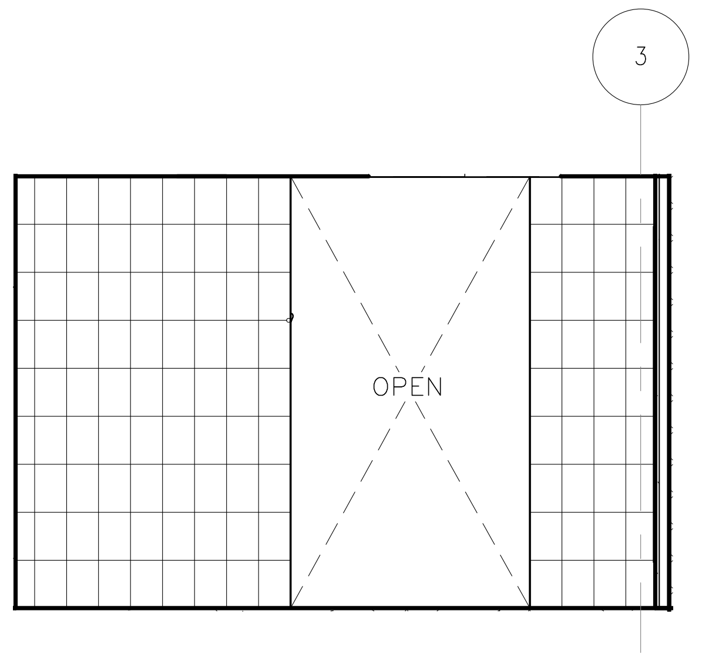
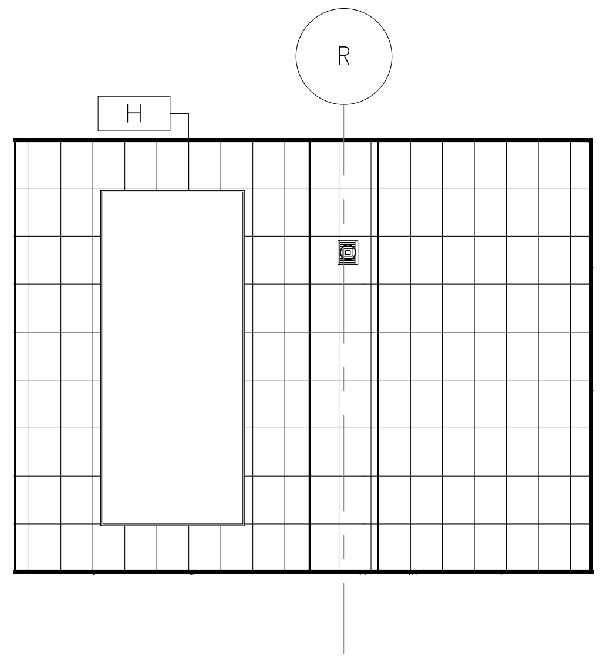


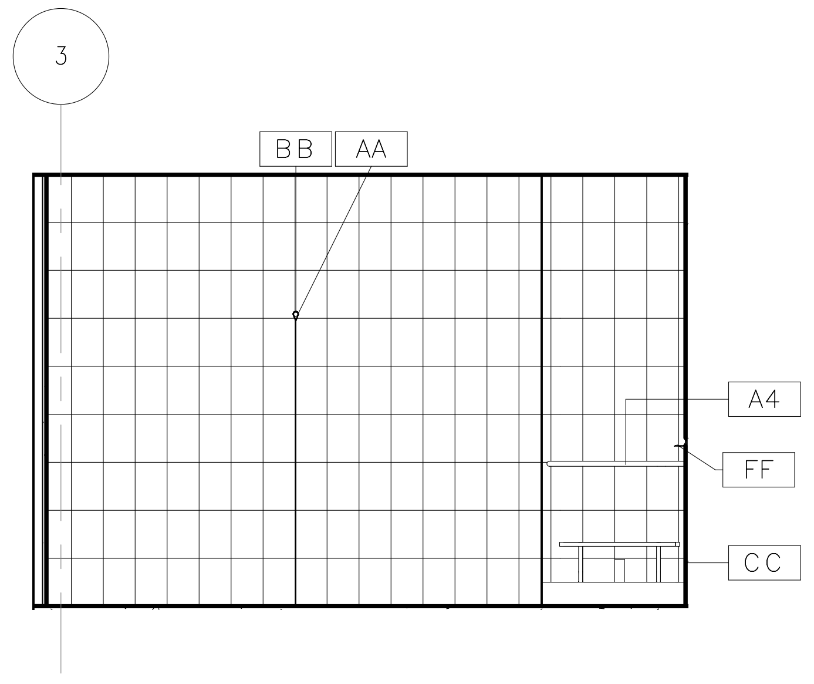
9
N99-SIB-A-433
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S SHOWERS NORTH
1/4" = 1'-0"
4 3 2 1 0 4 8



10
N99-SIB-A-433
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S SHOWER EAST
1/4" = 1'-0"
4 3 2 1 0 4 8



11
N99-SIB-A-433
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S SHOWERS SOUTH
1/4" = 1'-0"
4 3 2 1 0 4 8



12
N99-SIB-A-433
N99-SIB-A-422
UPPER MEZZANINE WOMEN'S SHOWER WEST
1/4" = 1'-0"
4 3 2 1 0 4 8

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AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN
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SIB - TOILET ROOM ELEVATIONS

SCALE: 1/4" = 1'-0"
DRAWING NO.: N99-SIB-A-433

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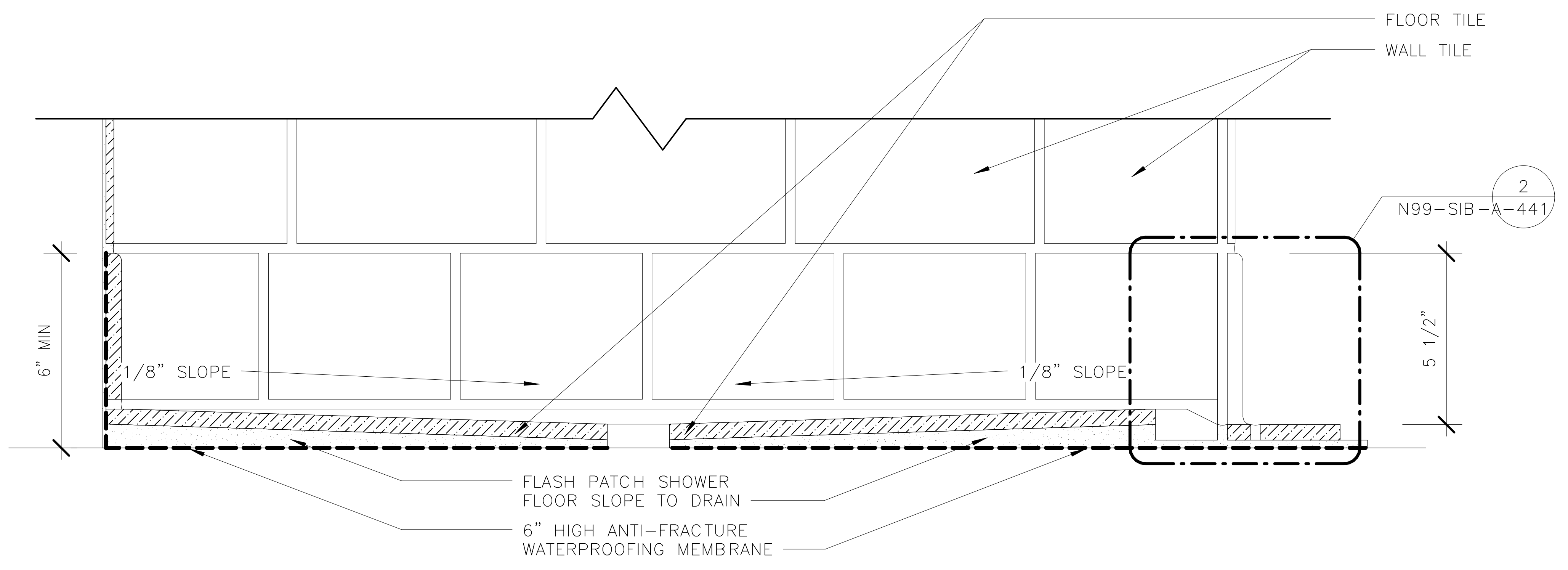
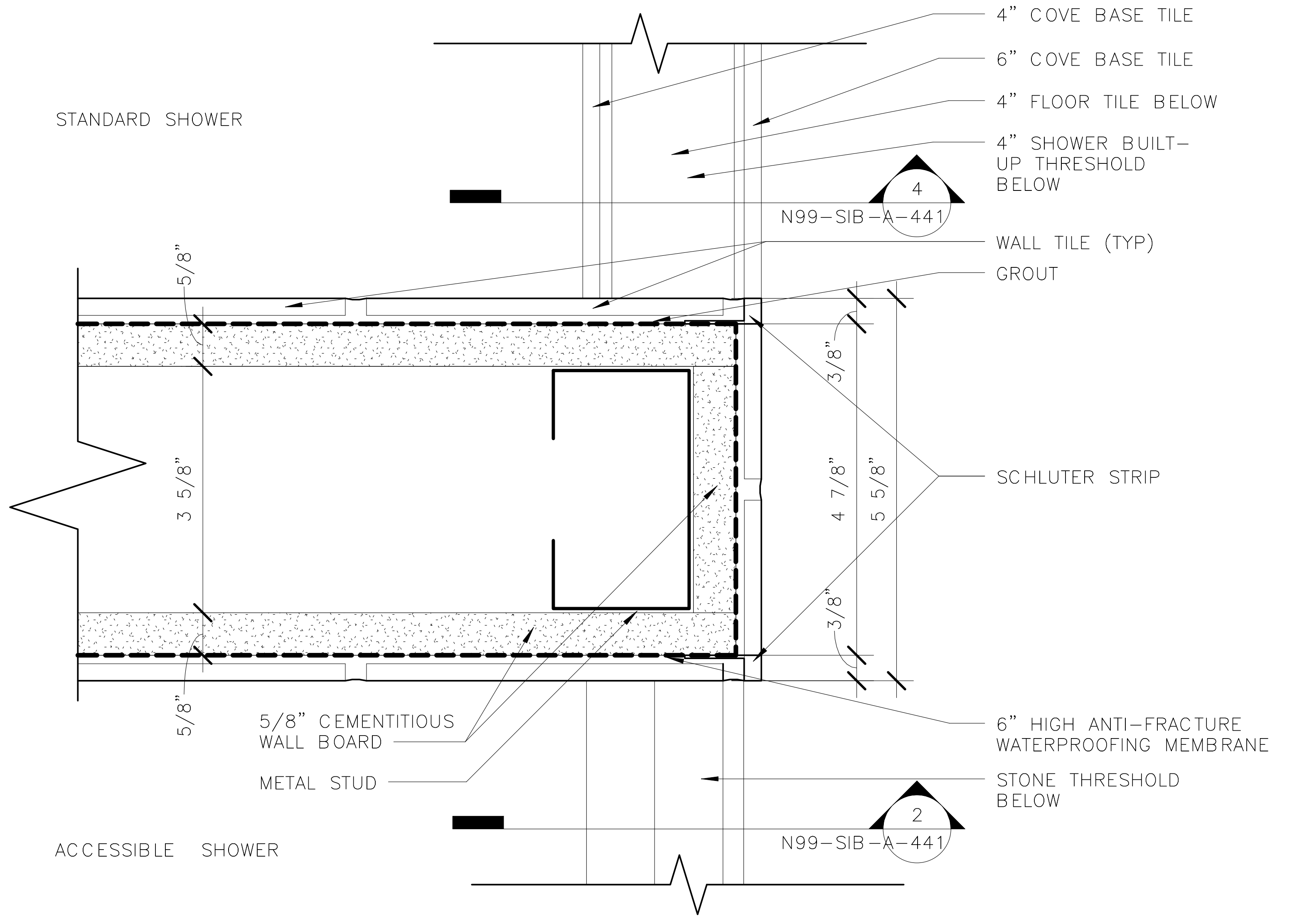


1
N99-SIB-A-441
N99-SIB-A-422

SHOWER DETAIL - ACCESSIBLE1
3" = 1'-0"

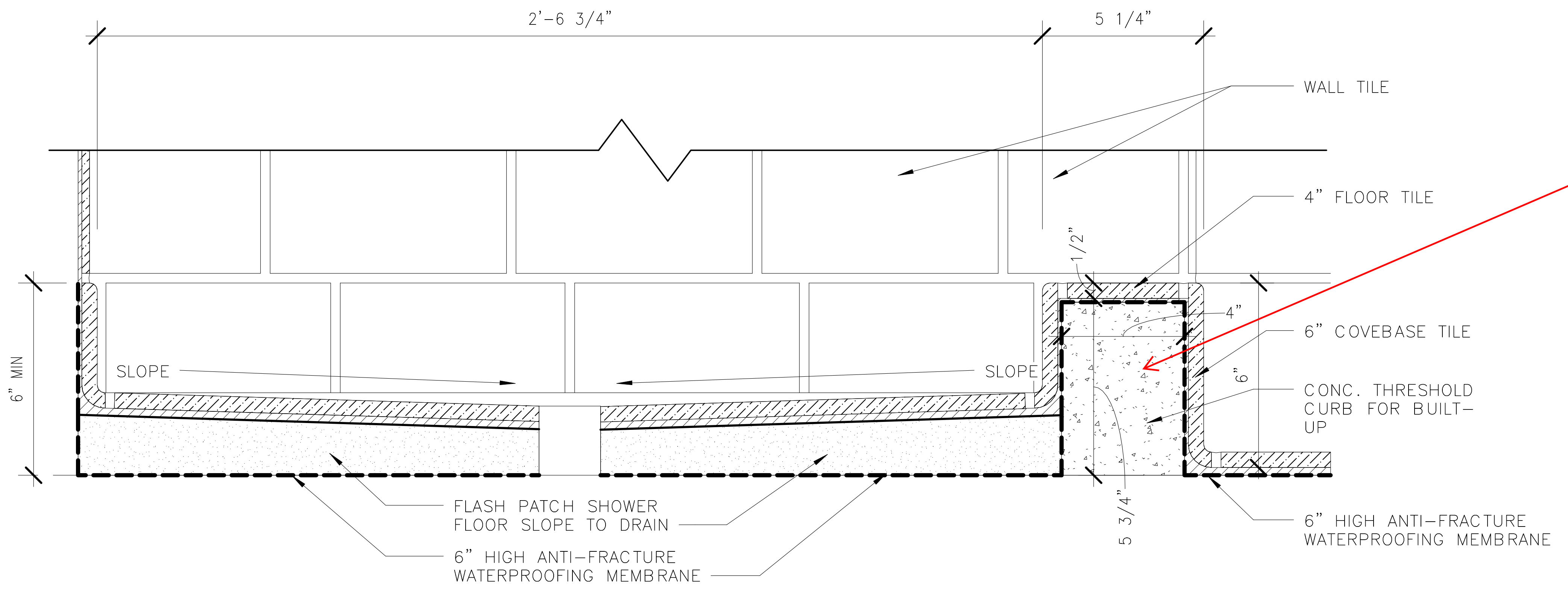
6 4 2 0 6



3
N99-SIB-A-441
N99-SIB-A-422

SHOWER DETAIL - STANDARD DIVIDER1
6" = 1'-0"

3 2 1 0 3

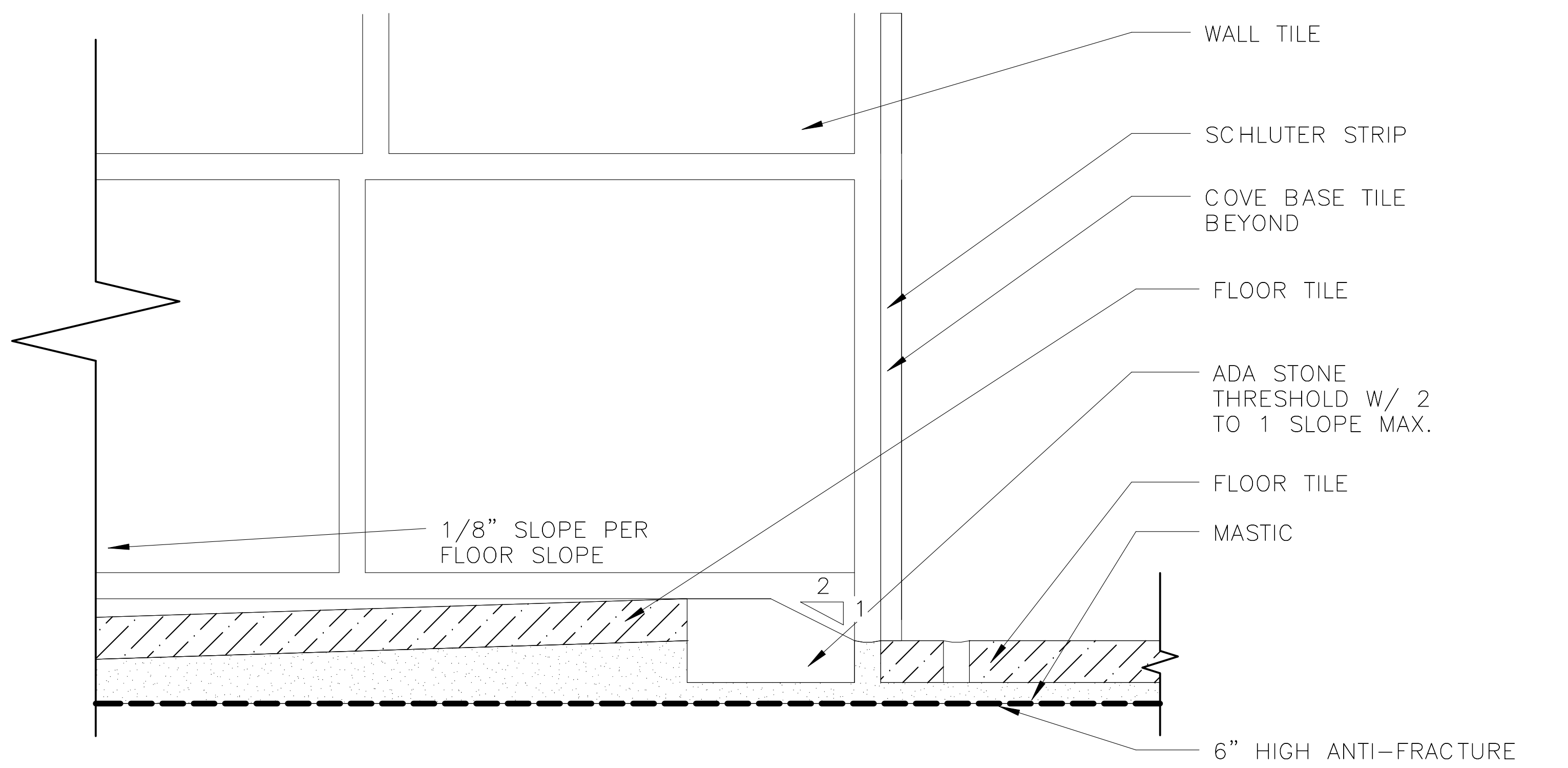


Reference RFI 0614-FC - Concrete Curb at Standard Shower - Reinforcing Confirmation. "Roughen surface of existing concrete slab in accordance with detail 4/N99-LCW-S-203. Refer to detail 7/N99-LCW-S-303 for curb reinforcement and detail 4/N99-LCW-S-203 for dowels to be drilled and epoxied into existing concrete slab."

4
N99-SIB-A-441
N99-SIB-A-422

SHOWER DETAIL - STANDARD PAN DETAIL1
3" = 1'-0"

6 4 2 0 6



2
N99-SIB-A-441

SHOWER DETAIL - ACCESSIBLE
6" = 1'-0"

3 2 1 0 3

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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

giuliani
ASSOCIATES ARCHITECTS

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

HENSEL PHELPS
Plan. Build. Manage.

M metro
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - SHOWER DETAILS
SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-441

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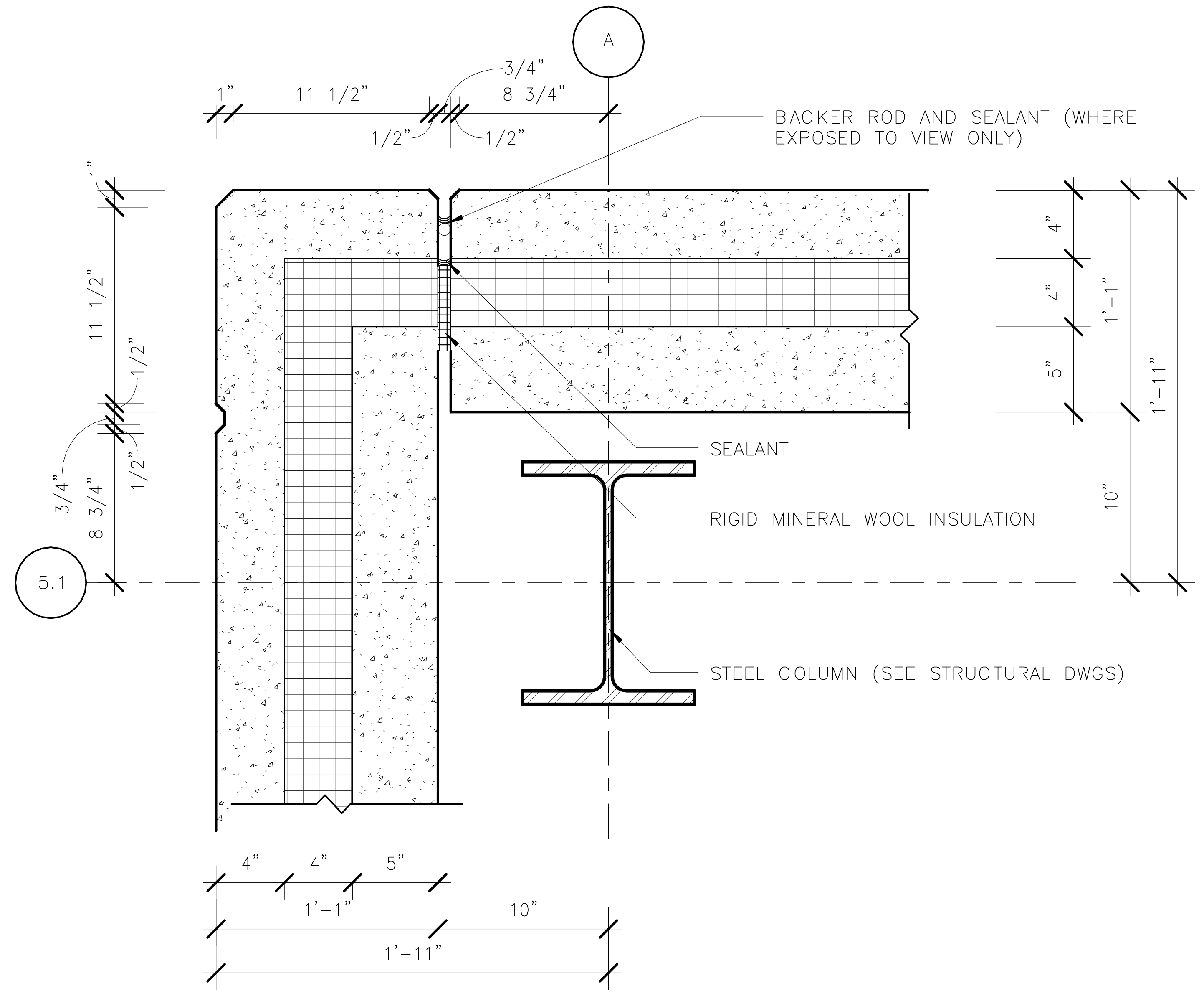
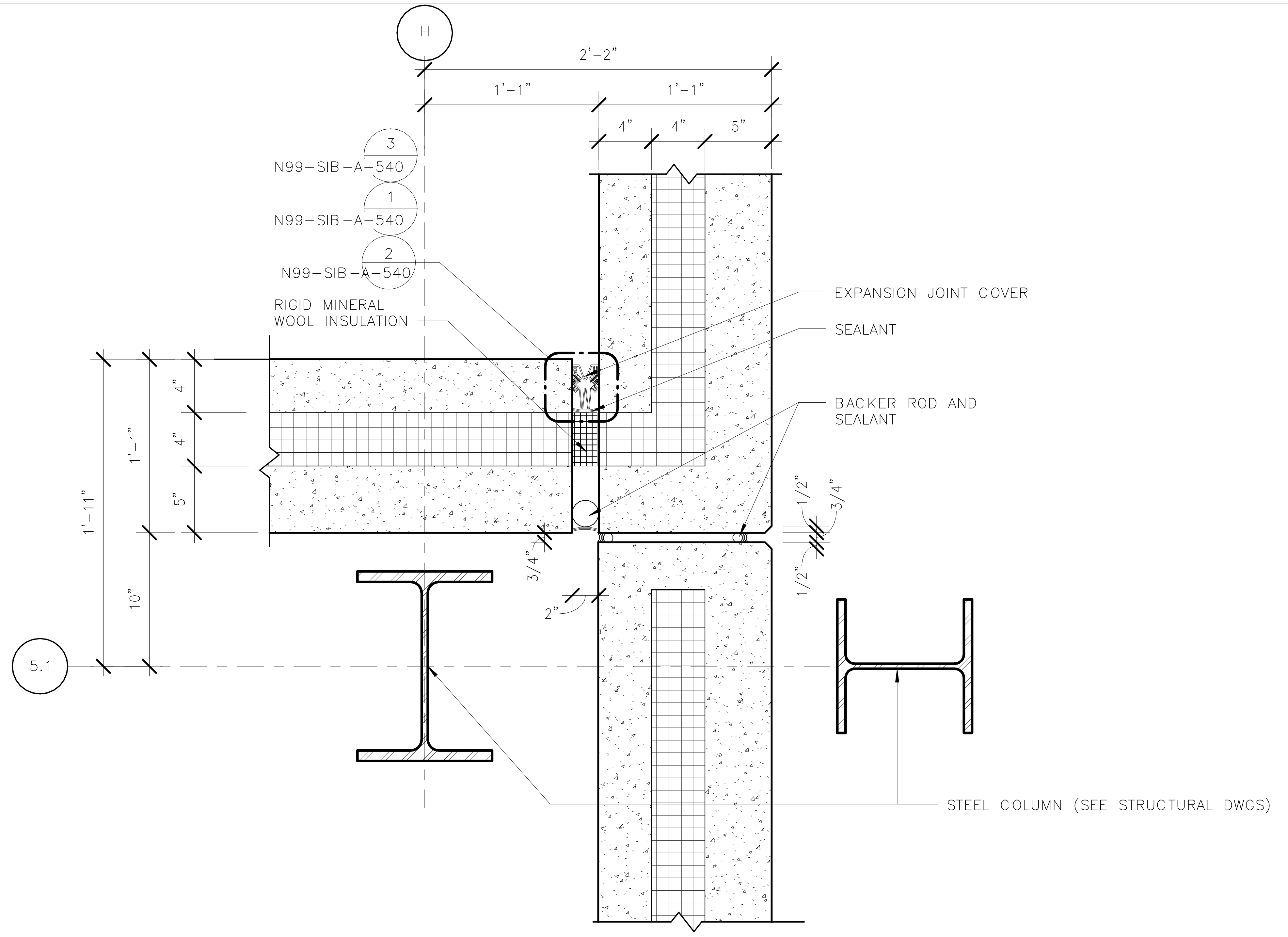


1 N99-SIB-A-461 N99-SIB-A-117

ENLARGED PRECAST DETAIL @ A&5.1

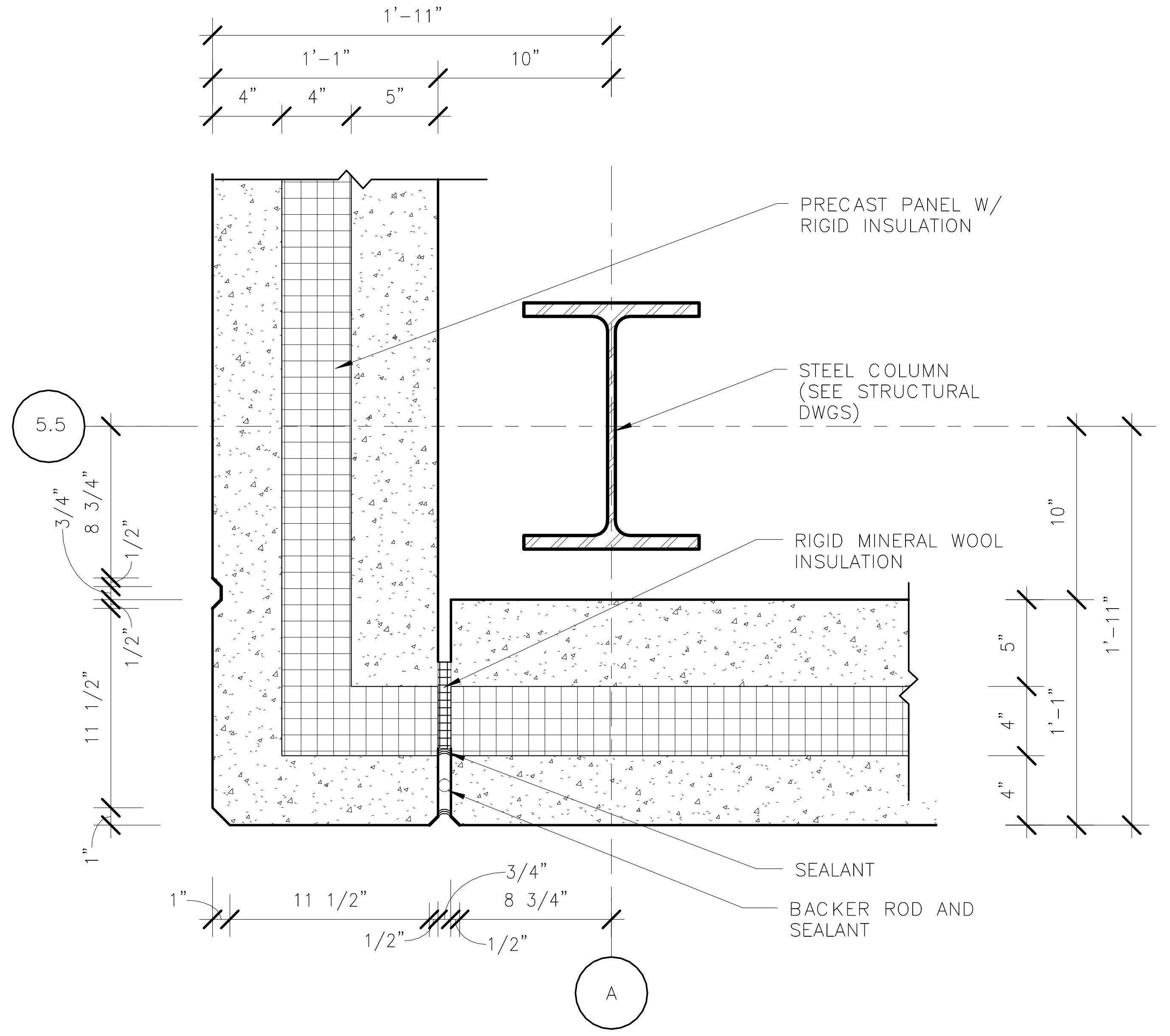
1 1/2" = 1'-0"



3 N99-SIB-A-461 N99-SIB-A-117

ENLARGED PRECAST DETAIL @ H&5.1

1 1/2" = 1'-0"



2 N99-SIB-A-461 N99-SIB-A-117

ENLARGED PRECAST DETAIL @ A&5.5

1 1/2" = 1'-0"

NOTE:
PROVIDE BACKER ROD AND SEALANT (WHERE ACCESSIBLE)

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

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NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009 | 39D-02-16 | CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED PRECAST DETAILS

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

DRAWING NO.: N99-SIB-A-461

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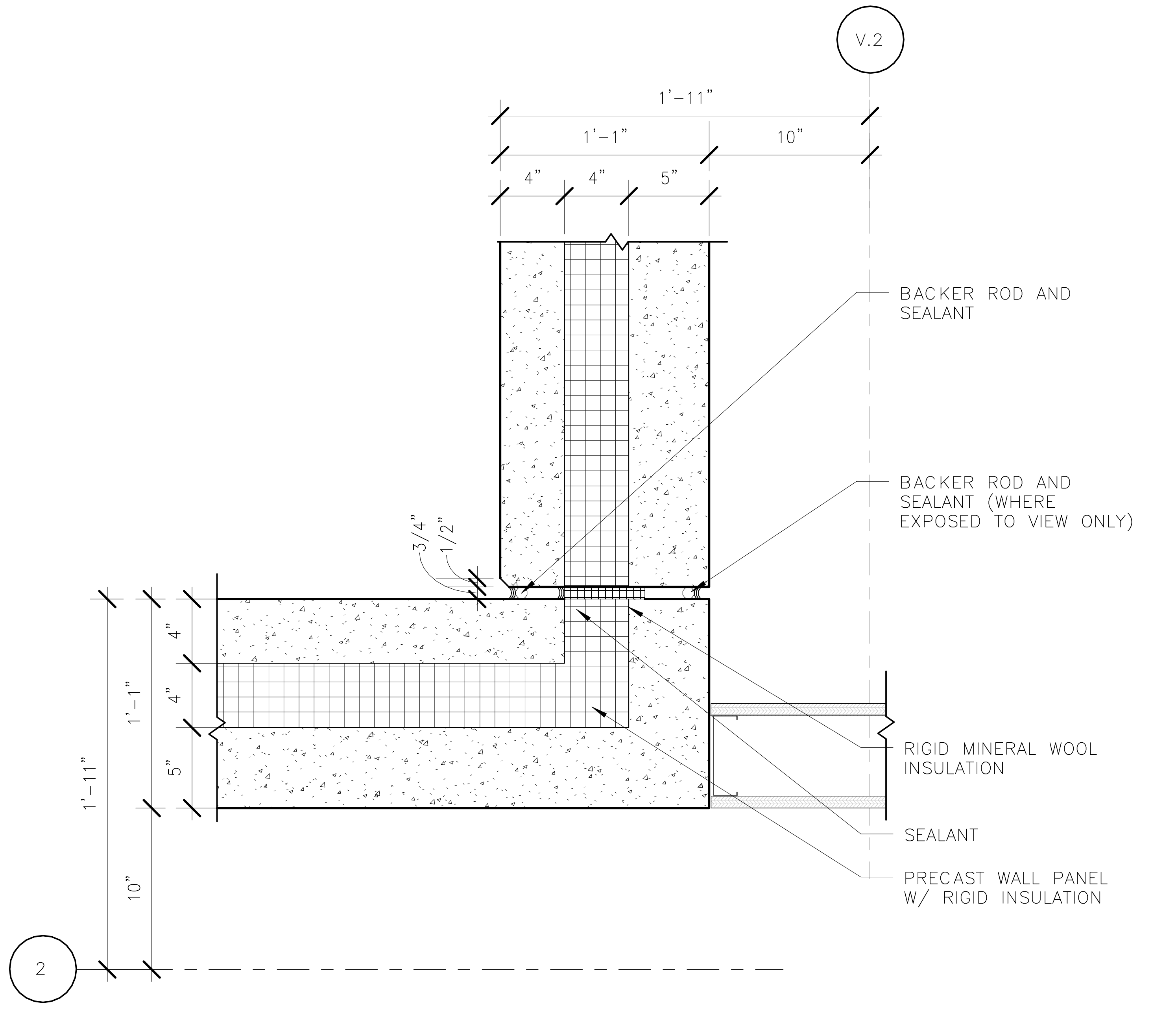
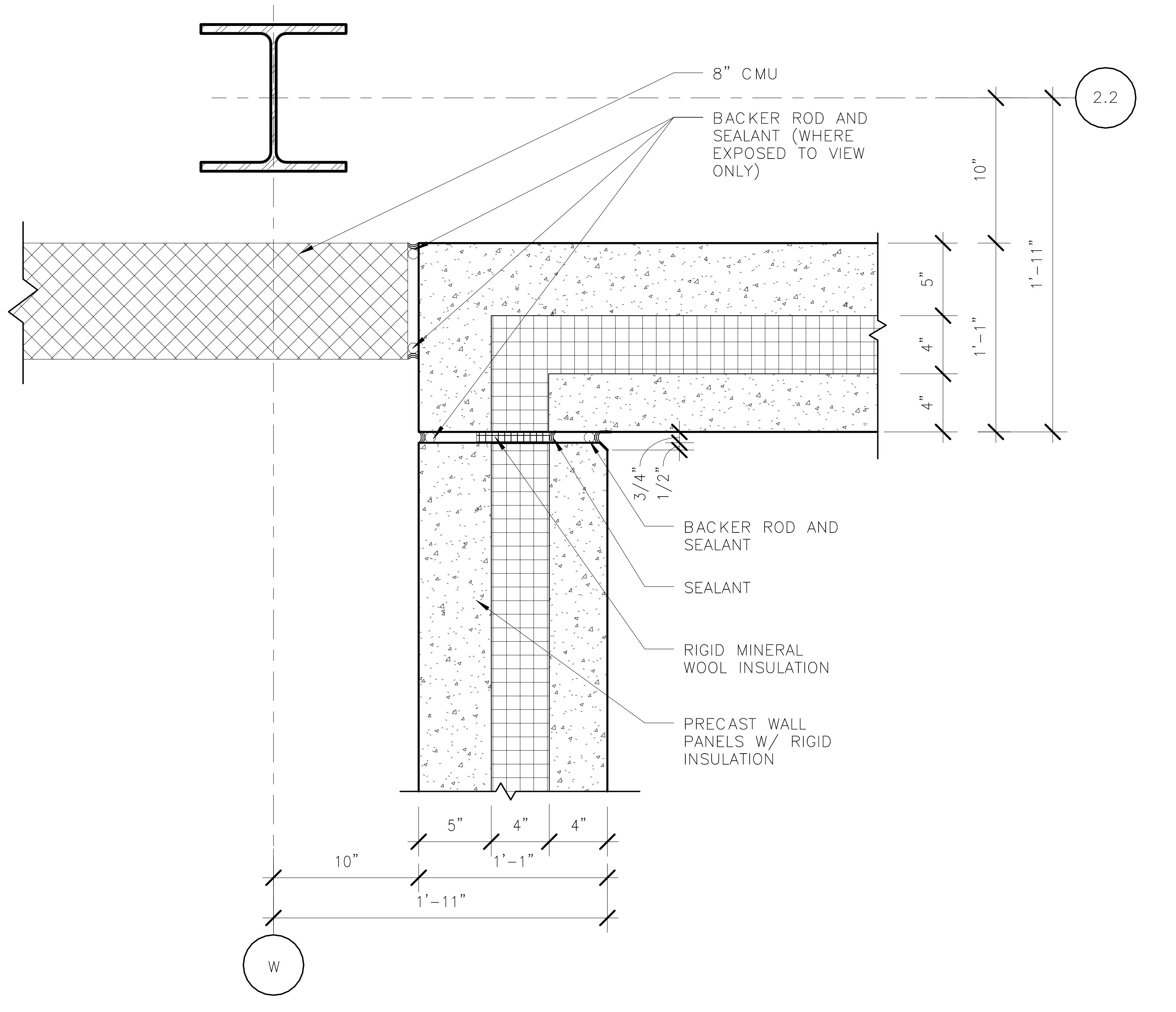


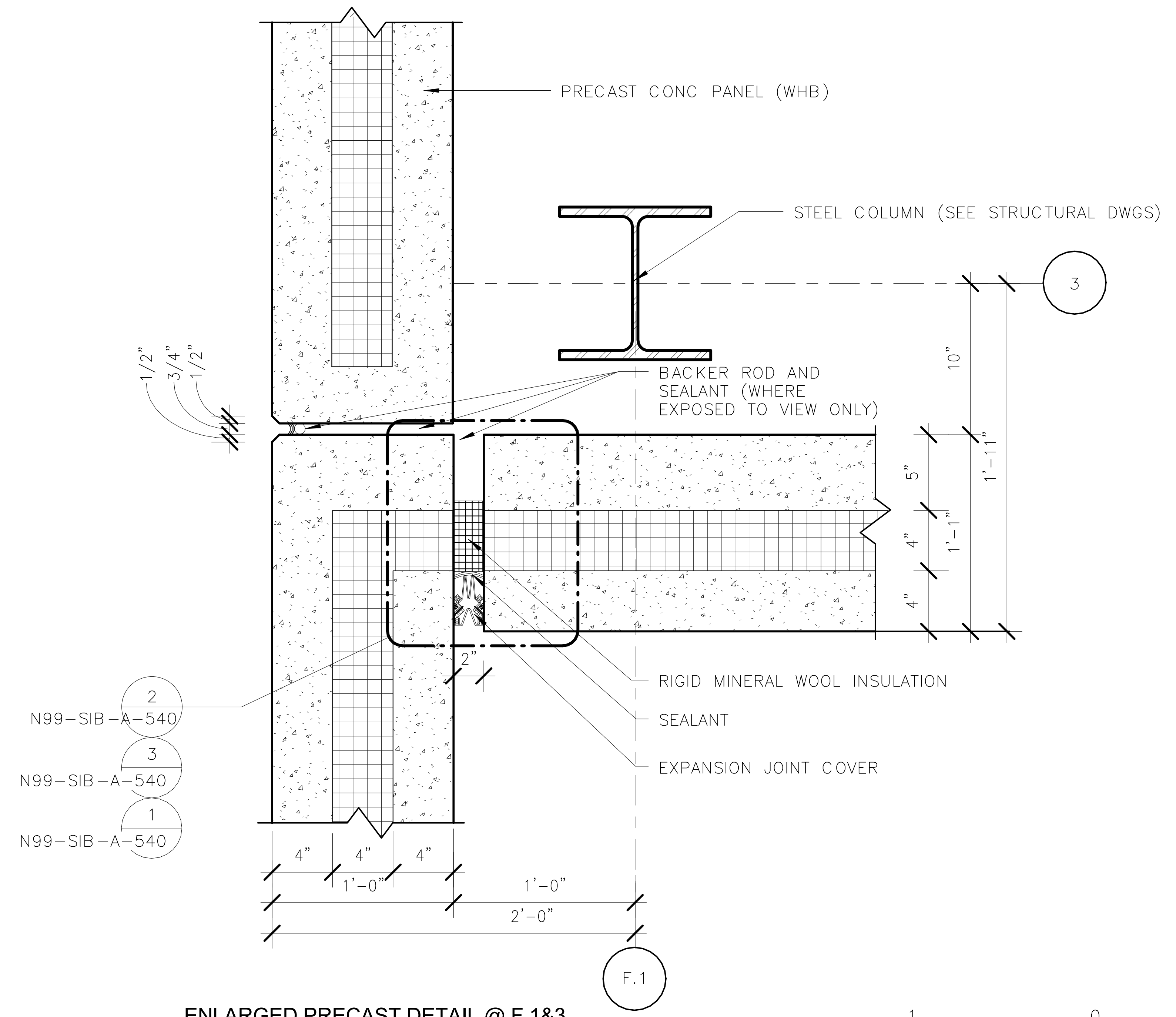
1 N99-SIB-A-462 N99-SIB-A-114

ENLARGED PRECAST DETAIL @ V.2&2
1 1/2" = 1'-0"



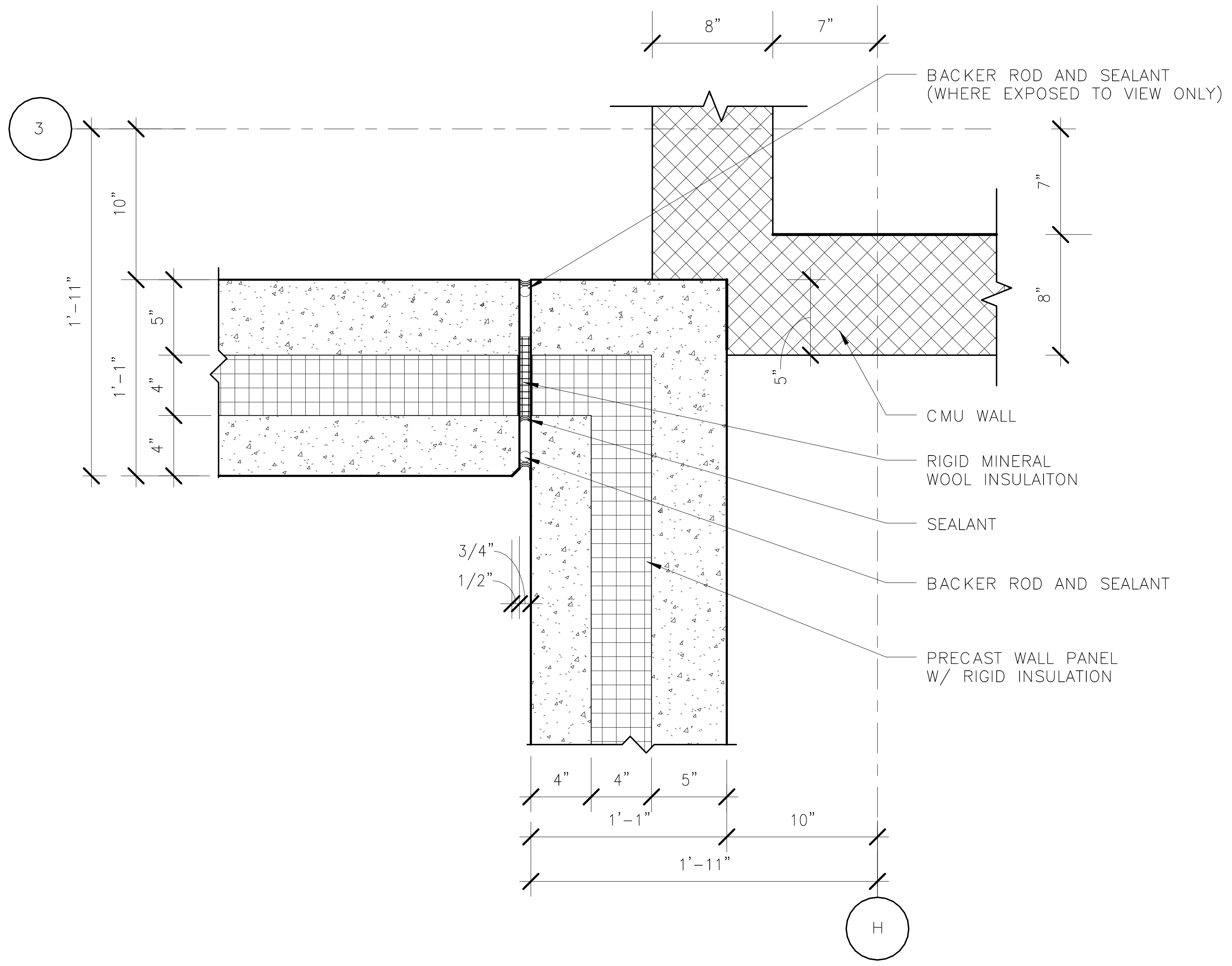
3 N99-SIB-A-462 N99-SIB-A-114

ENLARGED PRECAST DETAIL @ W&2.2
1 1/2" = 1'-0"



2 N99-SIB-A-462 N99-SIB-A-112

ENLARGED PRECAST DETAIL @ F.1&3
1 1/2" = 1'-0"



4 N99-SIB-A-462

ENLARGED PRECAST PLAN DETAIL @ H&3
1 1/2" = 1'-0"

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ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED PRECAST DETAILS

SCALE: 1 1/2" = 1'-0"
DRAWING NO.: N99-SIB-A-462

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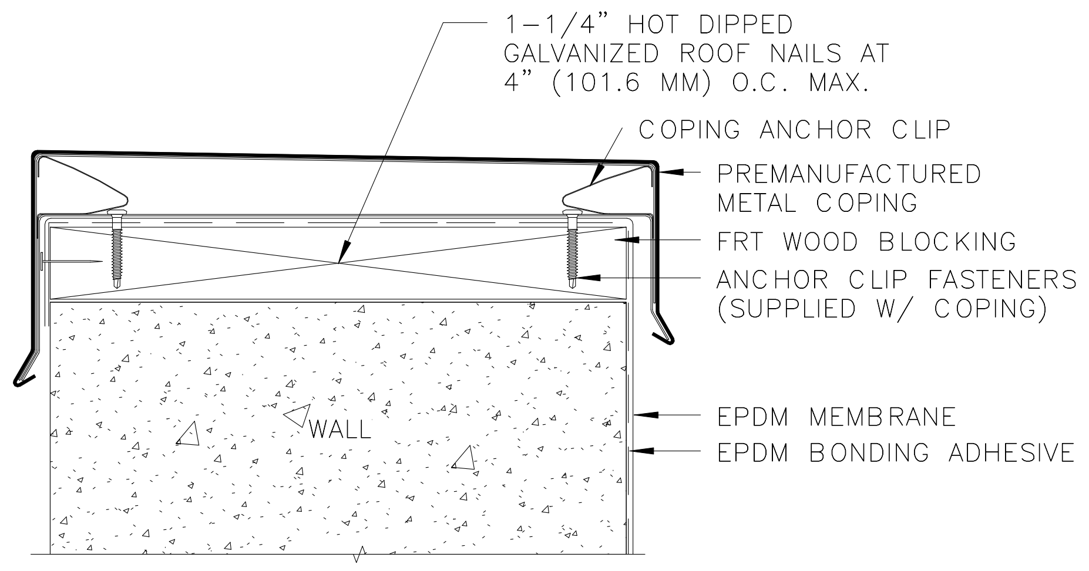
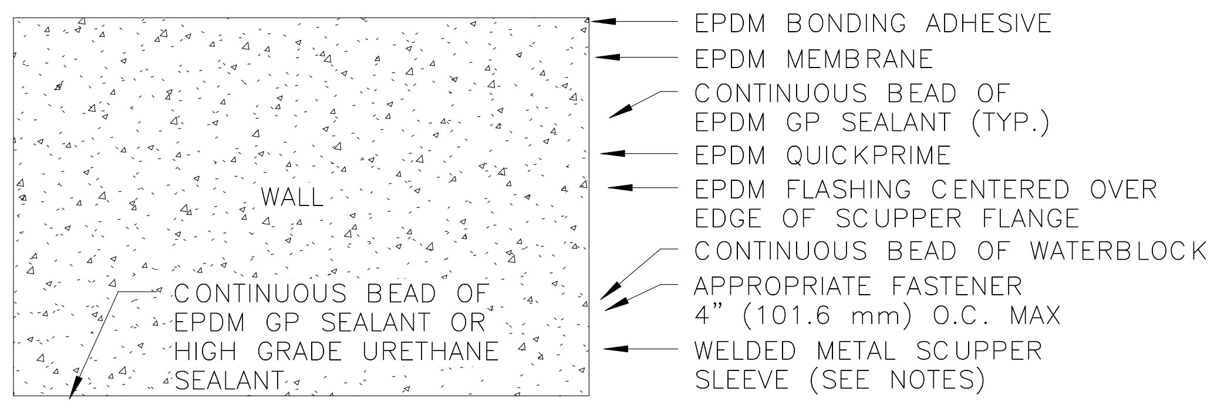
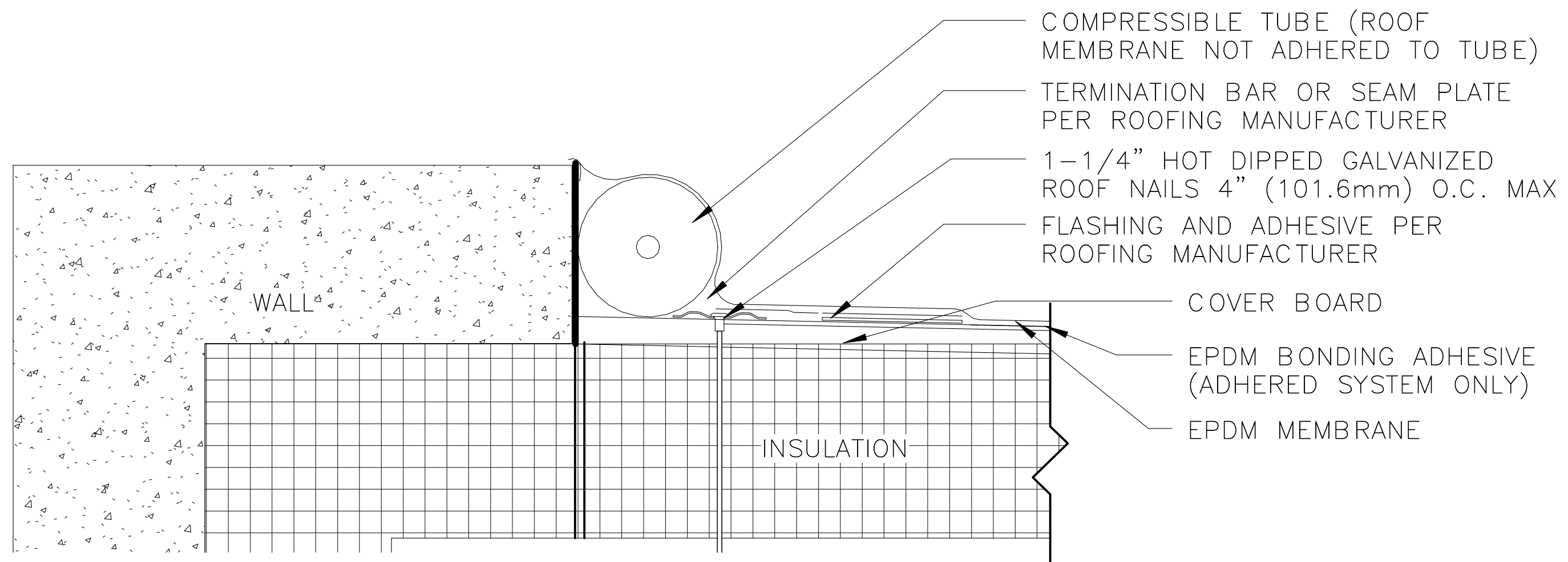


NOTES:
1. ALTERNATIVE METAL OR APPROVED EQUAL COPING IS ACCEPTABLE FOR USE IN THIS DETAIL PROVIDED FABRICATION AND INSTALATION IS IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.
2. FRT WOOD BLOCKING MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.
3. FASTEN COPING CLEAT AS PER SUPPLIED INSTRUCTIONS.

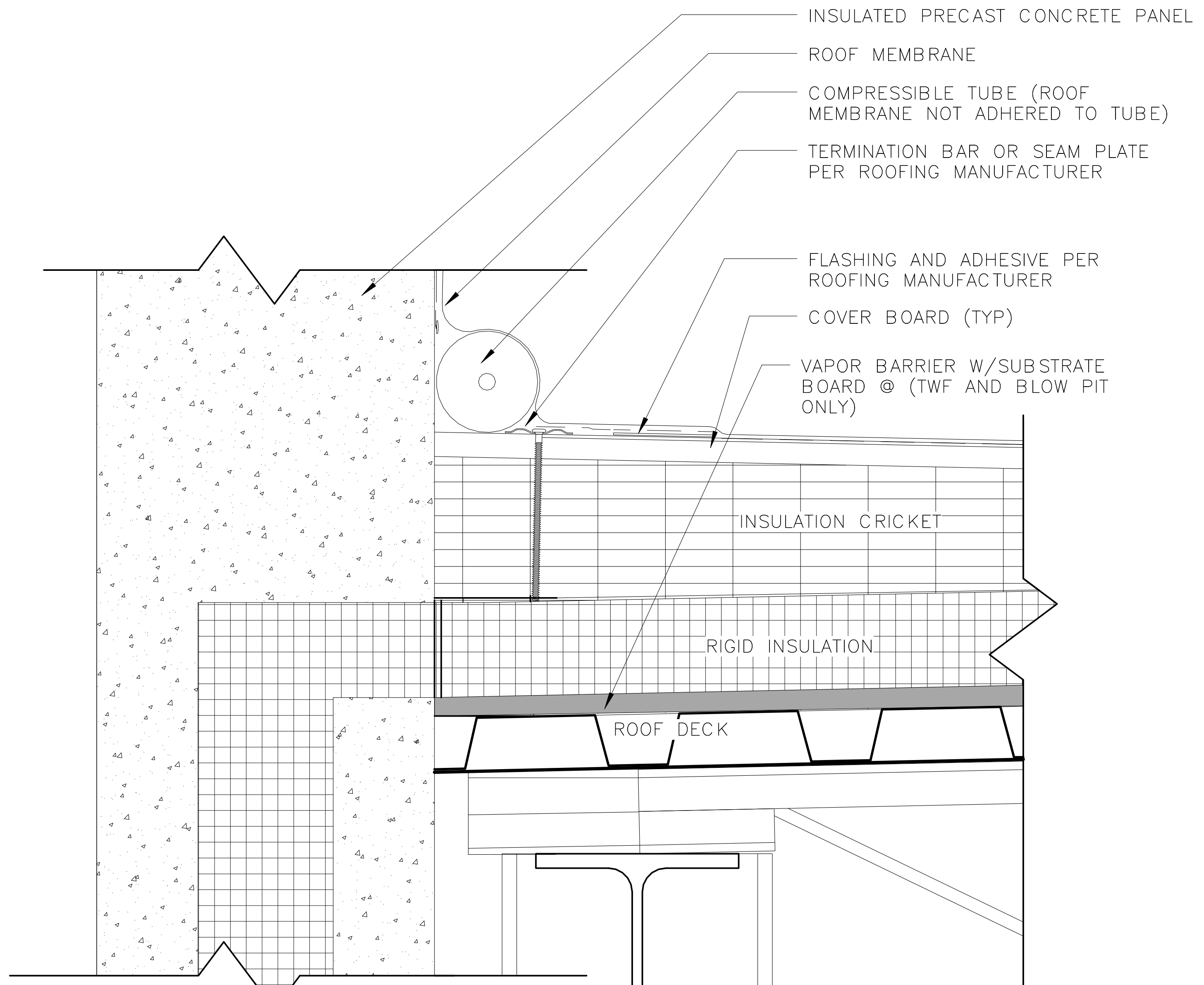
1
ROOF DETAIL - TOP OF WALL TERMINATION
3" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-312
N99-SIB-A-514



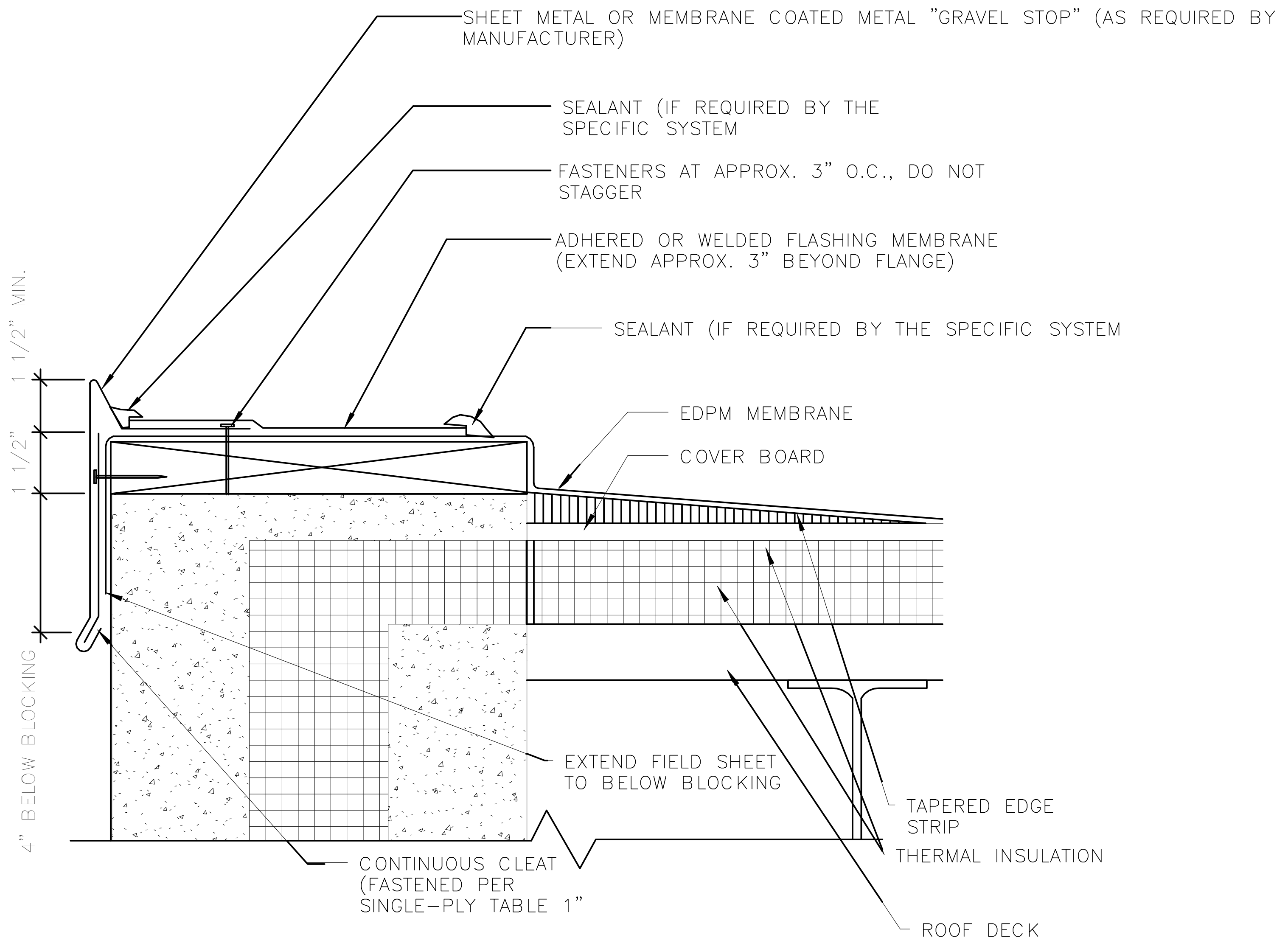
NOTES:
1. SCUPPER MUST BE WELDED METAL SLEEVE. ROUND ALL SHEET METAL FLANGE CORNERS.



2
ROOF DETAIL - SCUPPER
3" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-312
N99-SIB-A-514

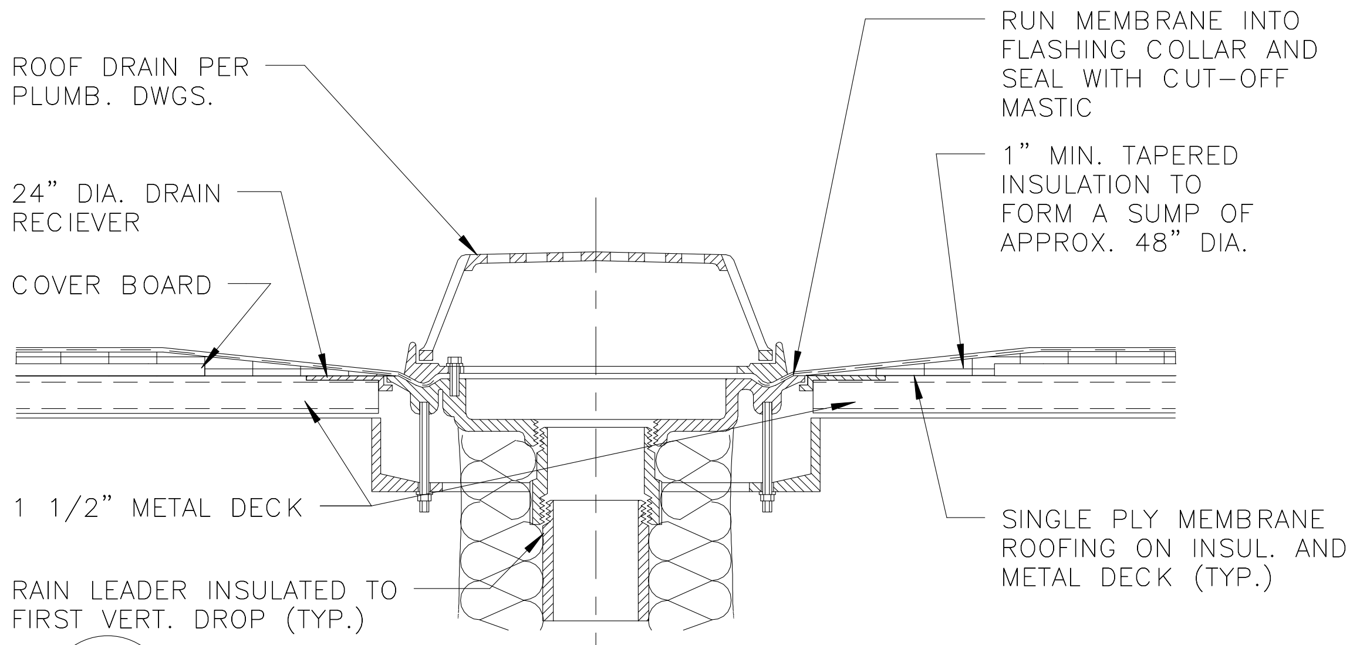


3
ROOF DETAIL - PARAPET
3" = 1'-0"
1 0 1
N99-SIB-A-510

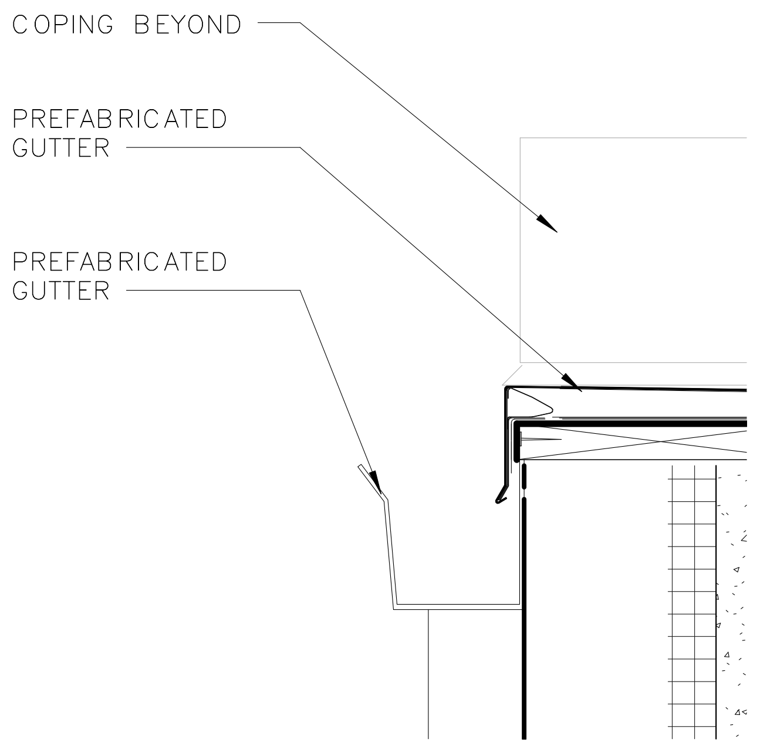


NOTES:
1. NRCA SUGGESTS AVOIDING (WHERE POSSIBLE) FLASHING DETAILS THAT REQUIRE RIGID METAL FLANGES TO BE EMBEDDED OR SANDWICHED INTO THE ROOF MEMBRANE.
2. THIS DETAIL SHOULD BE USED ONLY WHERE TEH DECK IS SUPPORTED BY THE OUTSIDE WALL.
2. ATTACH NAILER TO WALL WITH SUITABLE FASTENERS.
4. WOOD BLOCKING MAY BE SLOTTED FOR VENTING OF WET-FILL DECKS OR OTHER CONSTRUCTIONS WHERE APPLICABLE.
5. FREQUENT NAILING OF SHEET METAL FLANGE IS NECESSARY TO MINIMIZE THERMAL MOVEMENT.
6. REFER TO SINGLE-PLY TABLE 1 FOR METAL THICKNESS AND CLEAT REQUIREMENT.
7. TOP LAYER OF INSULATION CAN BE EITHER THERMAL INSULATION OR COVERBOARD INSULATION.
8. SLIP SHEET MAY BE REQUIRED BELOW MEMBRANE WHEN OVERLAYING SOME INSULATIONS OR SUBSTRATES.

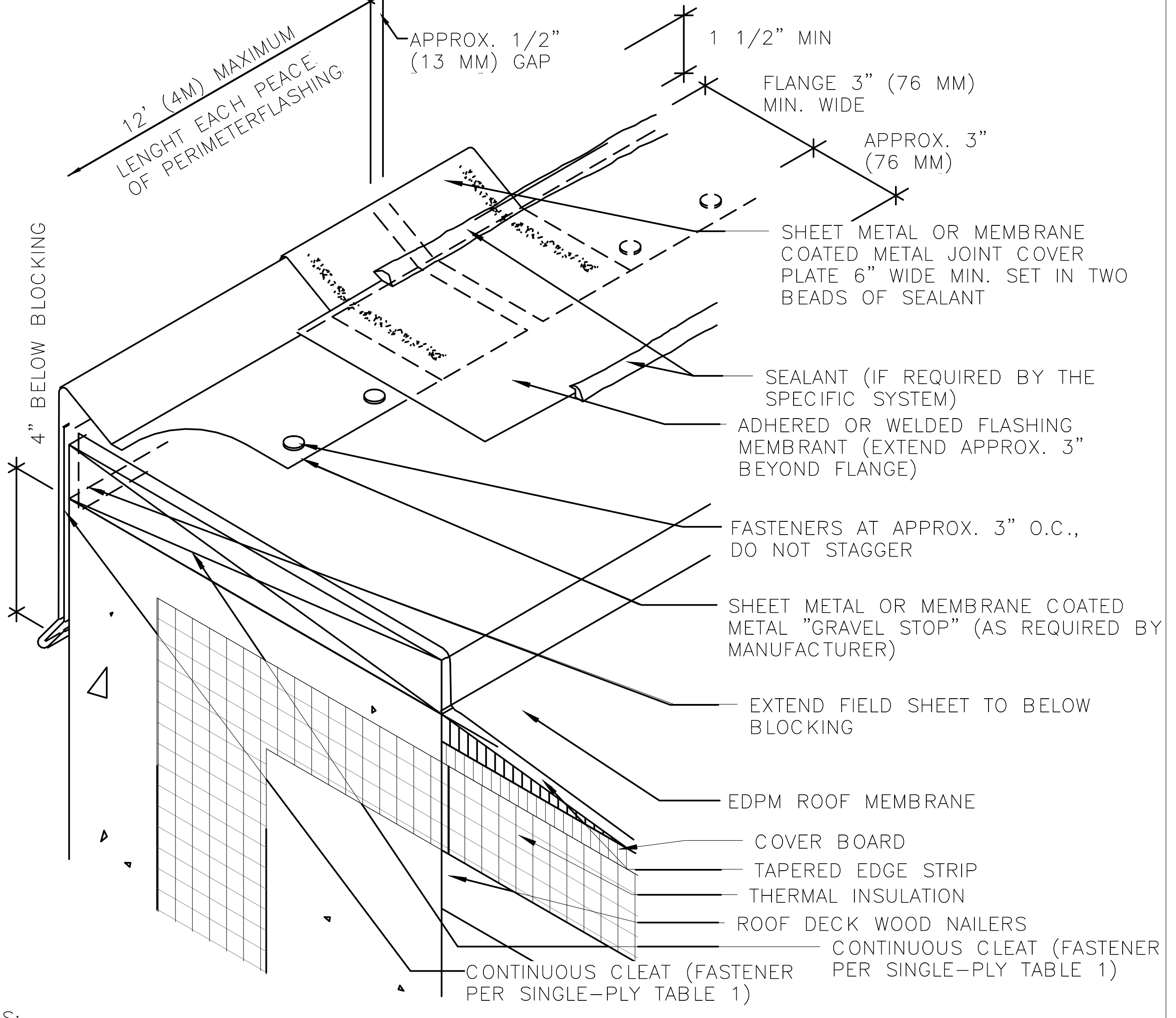
4
ROOF DETAIL - GRAVEL STOP
3" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-512



5
ROOF DETAIL - ROOF DRAIN
1 1/2" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-148
N99-SIB-A-149



8
GUTTER AND DOWNSPOUT
1 1/2" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-412



NOTES:
1. NRCA SUGGESTS AVOIDING (WHERE POSSIBLE) FLASHING DETAILS THAT REQUIRE RIGID METAL FLANGES TO BE EMBEDDED OR SANDWICHED INTO THE ROOF MEMBRANE.
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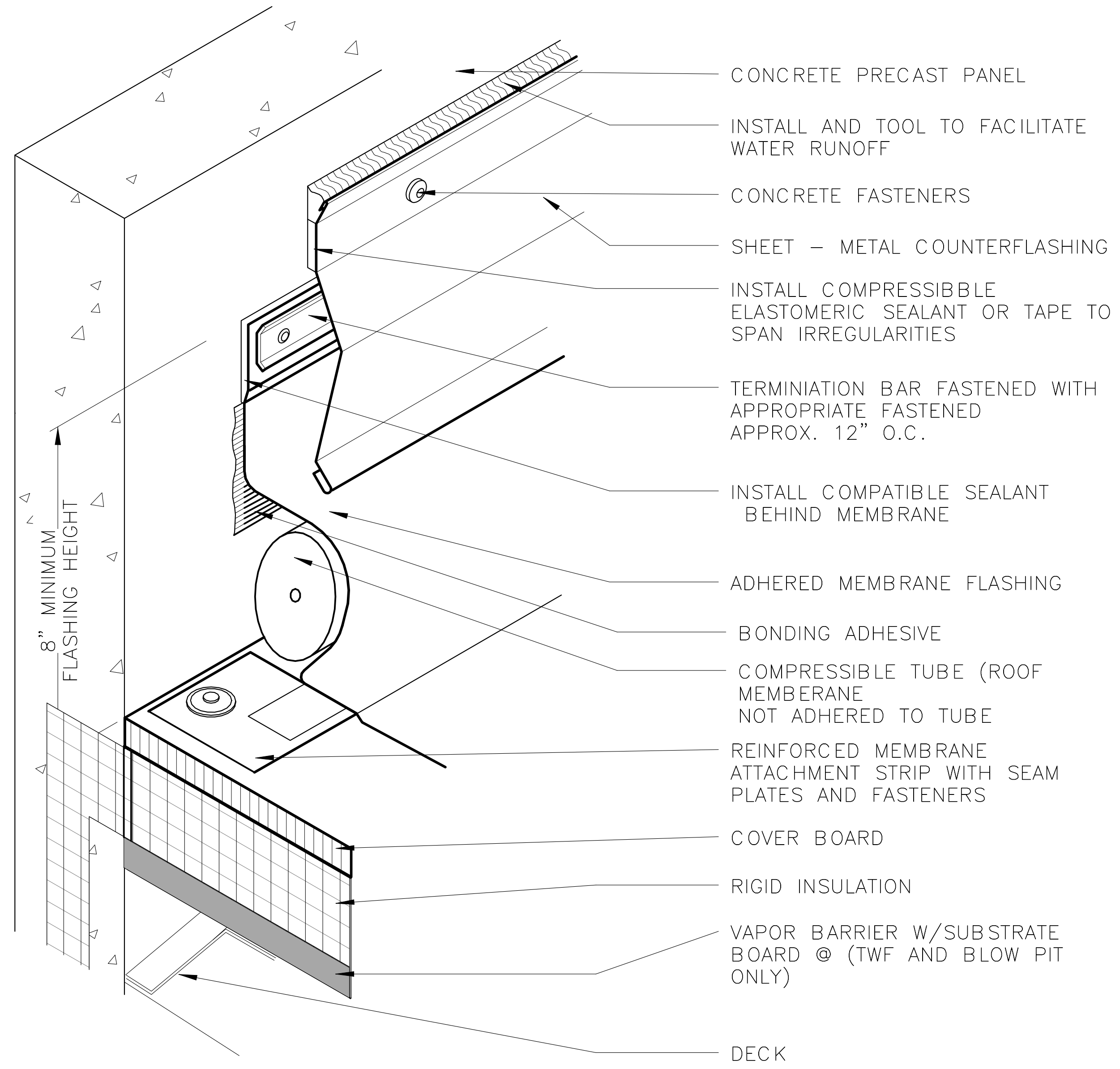
2. ATTACH NAILER TO WALL WITH SUITABLE FASTENERS.
4. WOOD BLOCKING MAY BE SLOTTED FOR VENTING OF WET-FILL DECKS OR OTHER CONSTRUCTIONS WHERE APPLICABLE.
5. FREQUENT NAILING OF SHEET METAL FLANGE IS NECESSARY TO MINIMIZE THERMAL MOVEMENT.
6. REFER TO SINGLE-PLY TABLE 1 FOR METAL THICKNESS AND CLEAT REQUIREMENT.
7. TOP LAYER OF INSULATION CAN BE EITHER THERMAL INSULATION OR COVERBOARD INSULATION.
8. SLIP SHEET MAY BE REQUIRED BELOW MEMBRANE WHEN OVERLAYING SOME INSULATIONS OR SUBSTRATES.

6
ROOF DETAIL - GRAVEL STOP TP-1
3" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-512



7
ROOF DETAIL @ SURFACE - MOUNTED COUNTERFLASHING
3" = 1'-0"
6 4 2 0 6
N99-SIB-A-510
N99-SIB-A-141
N99-SIB-A-142
N99-SIB-A-143
N99-SIB-A-150

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ROOF DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-510

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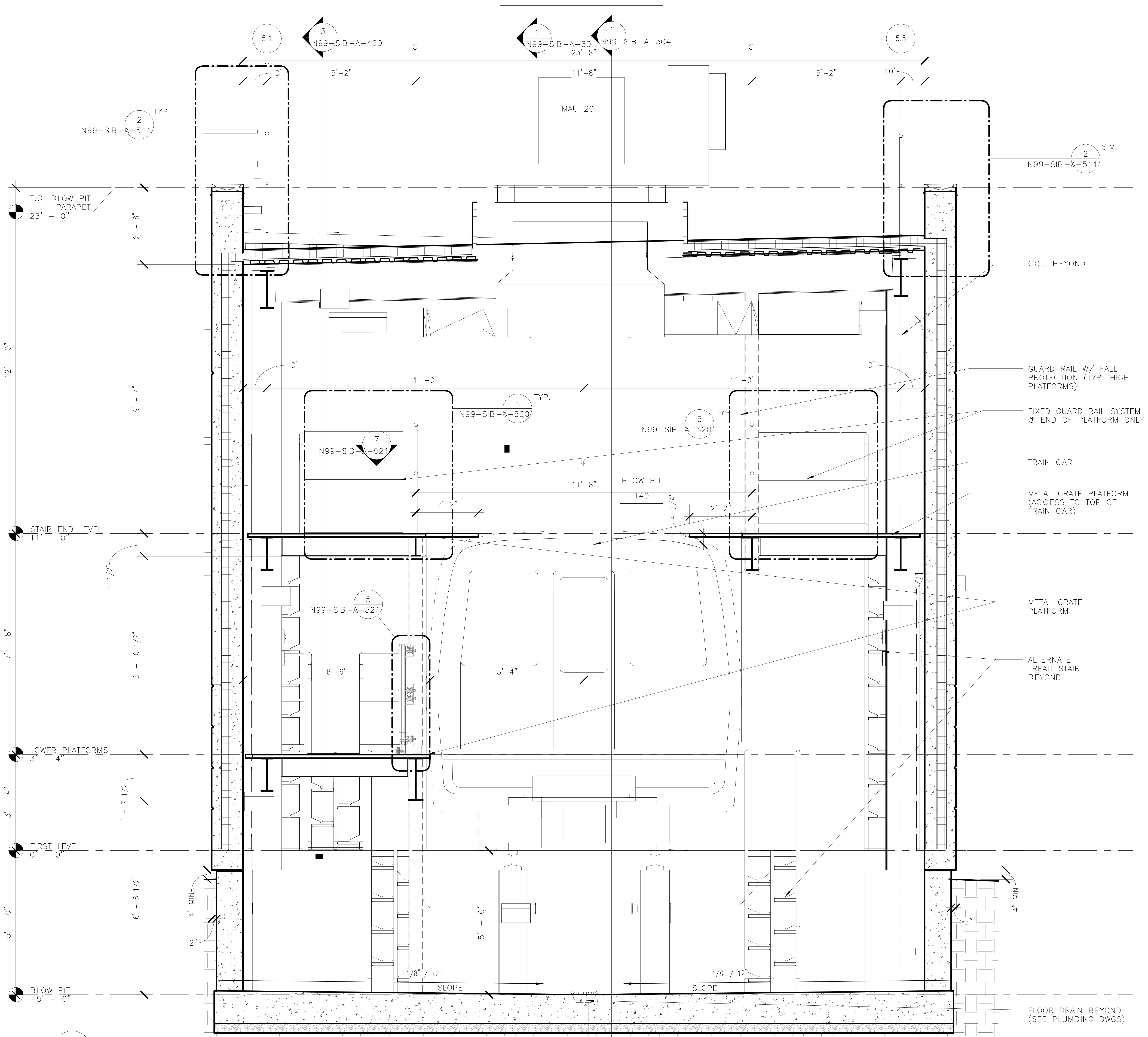
NOTE: ALL WALL SECTION NOTES ARE TYPICAL FOR ALL WALL SECTIONS UNLESS OTHERWISE NOTED

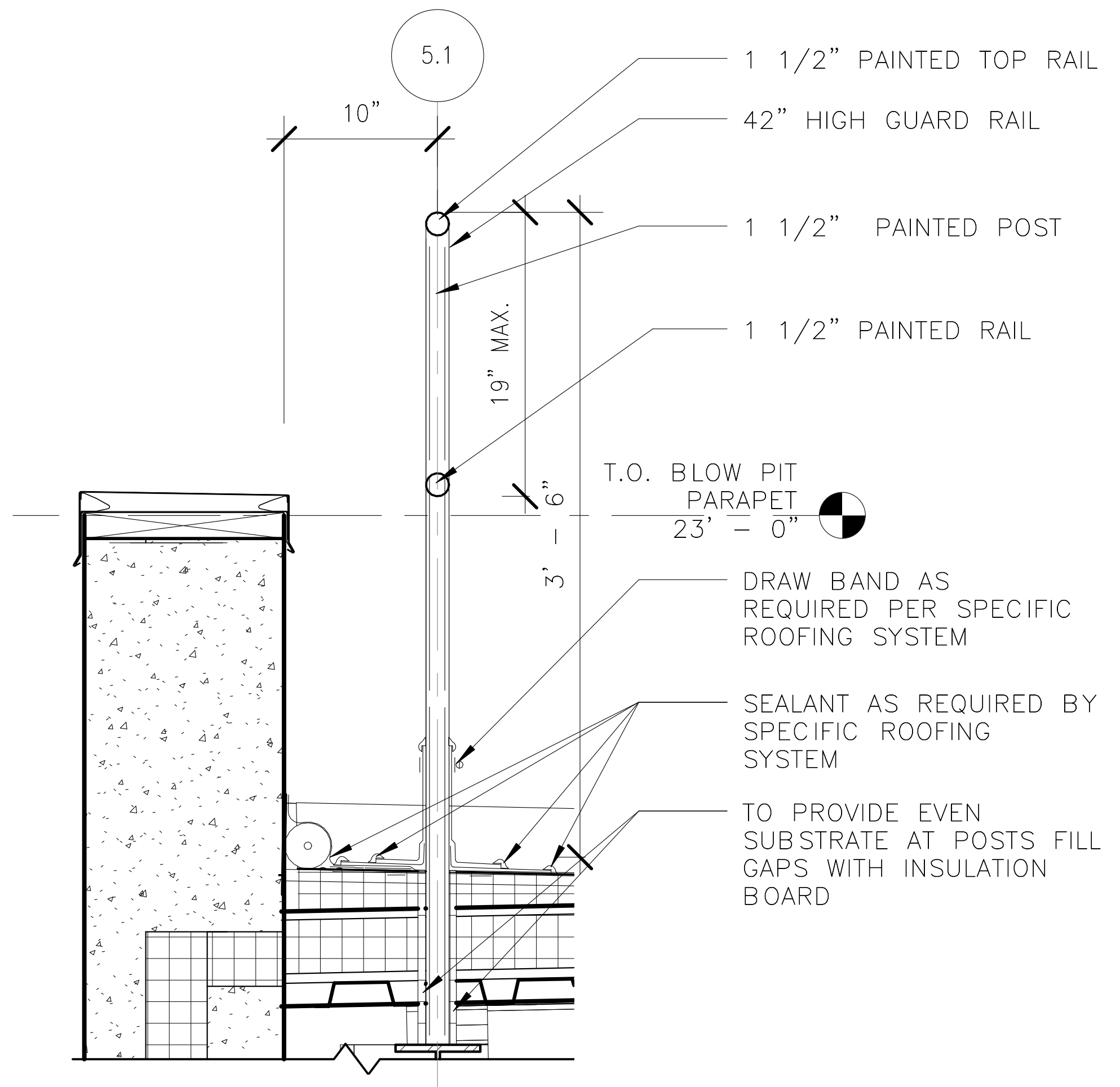


2 1 0 2 4

1
N99-SIB-A-511
N99-SIB-A-117

PLATFORM DETAIL - BLOW PIT

1/2" = 1'-0"

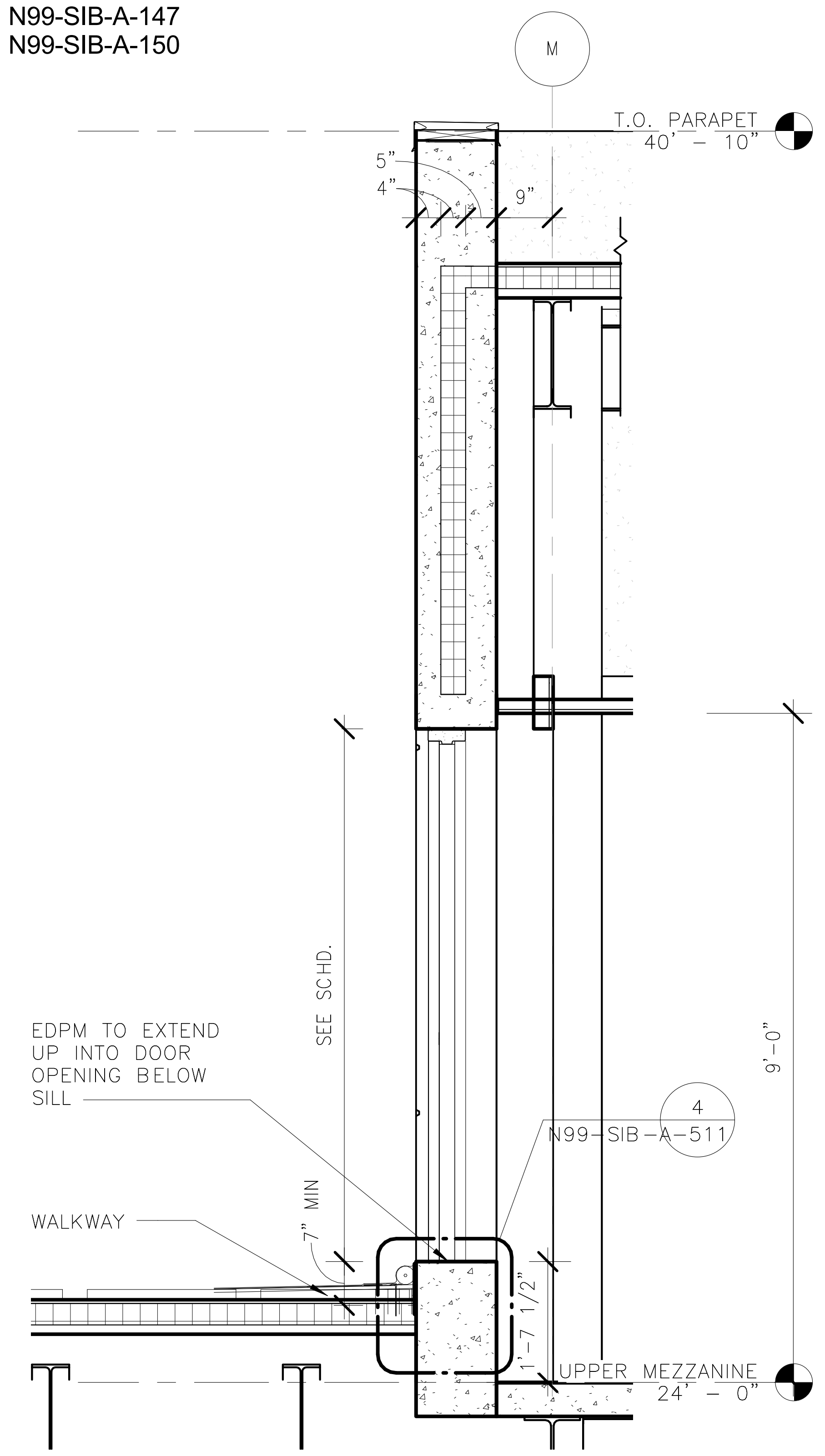


2
N99-SIB-A-511
N99-SIB-A-141
N99-SIB-A-143
N99-SIB-A-147
N99-SIB-A-150

TYPICAL FIXED GUARD RAIL SYSTEM DETAIL

1" = 1'-0"

1 1/2 0 1 2

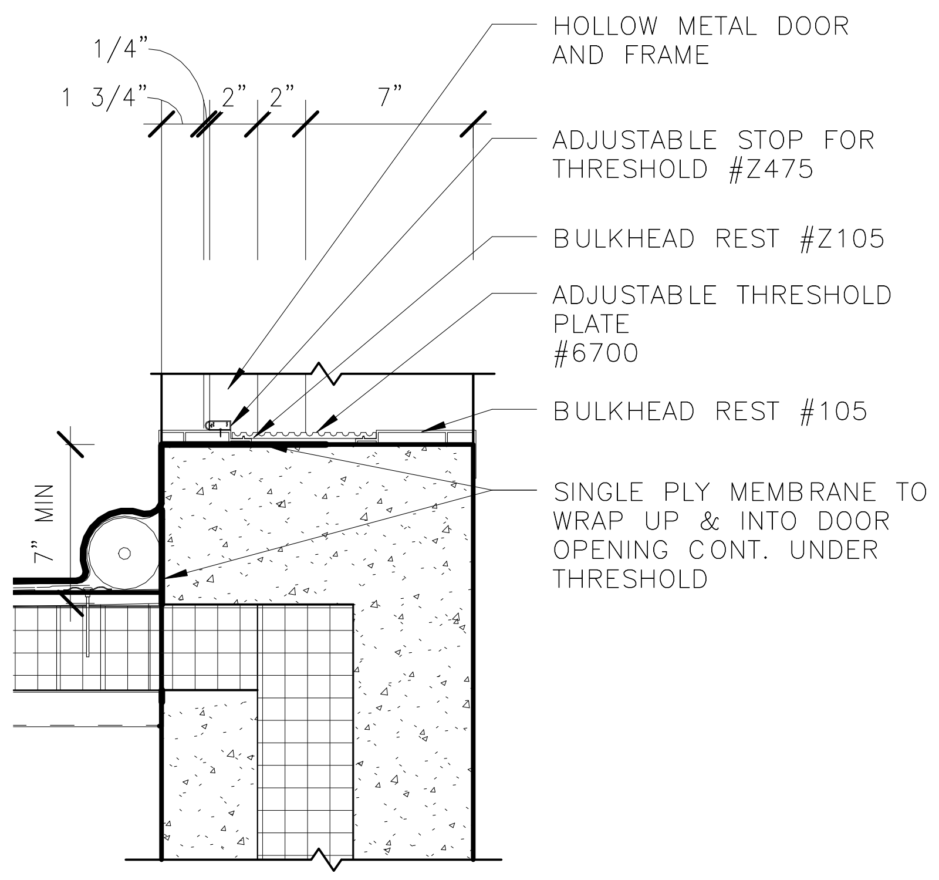


3
N99-SIB-A-511
N99-SIB-A-133

ROOF ACCESS THRU SECTION

1/2" = 1'-0"

2 1 0 2 4



4
N99-SIB-A-511

DETAIL @SECTION THRU ROOF ACCESS DOOR

1 1/2" = 1'-0"

1 0 1

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
metro

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED WALL SECTIONS

SCALE: 1/2" = 1'-0"
DRAWING NO.: N99-SIB-A-511

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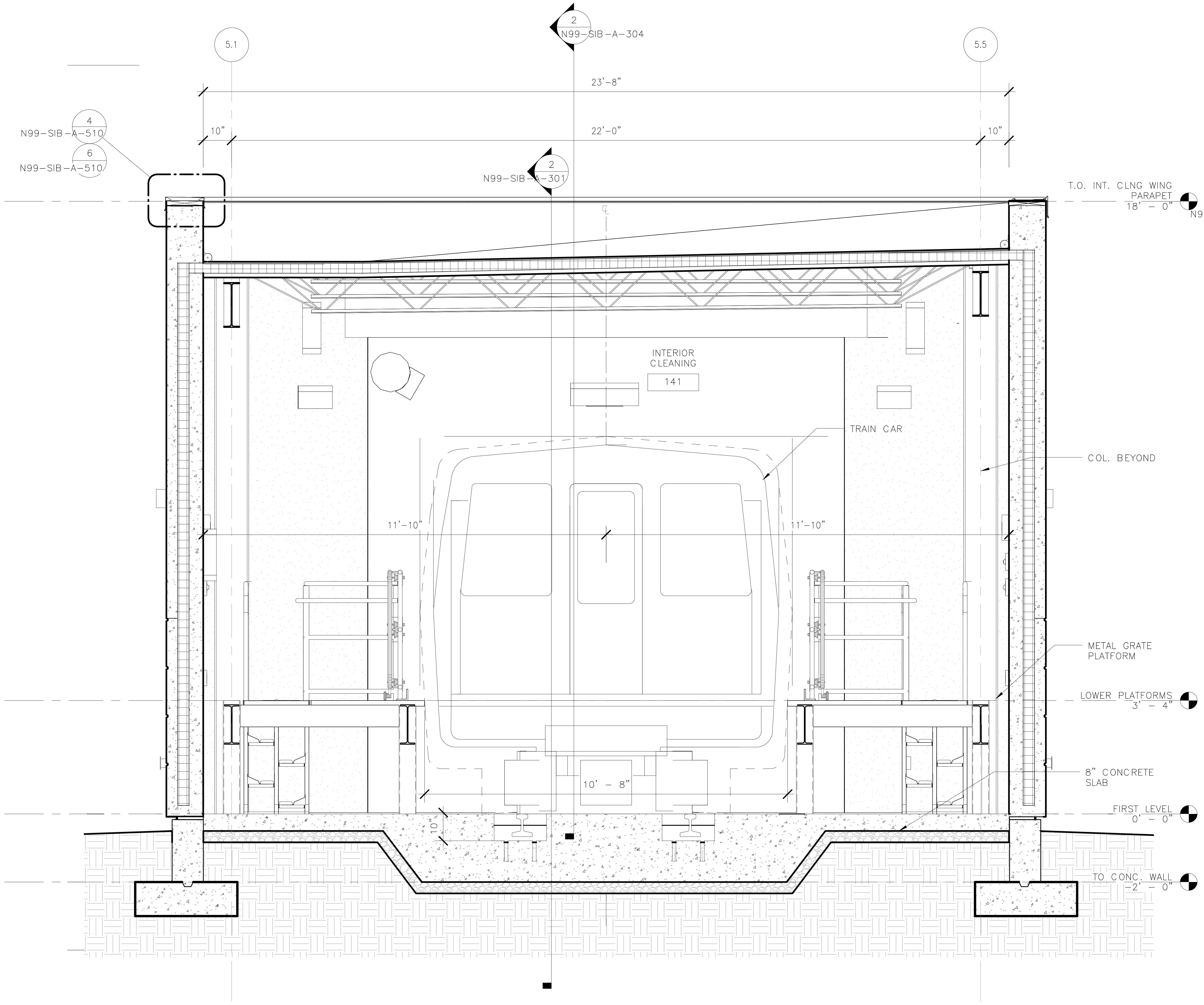
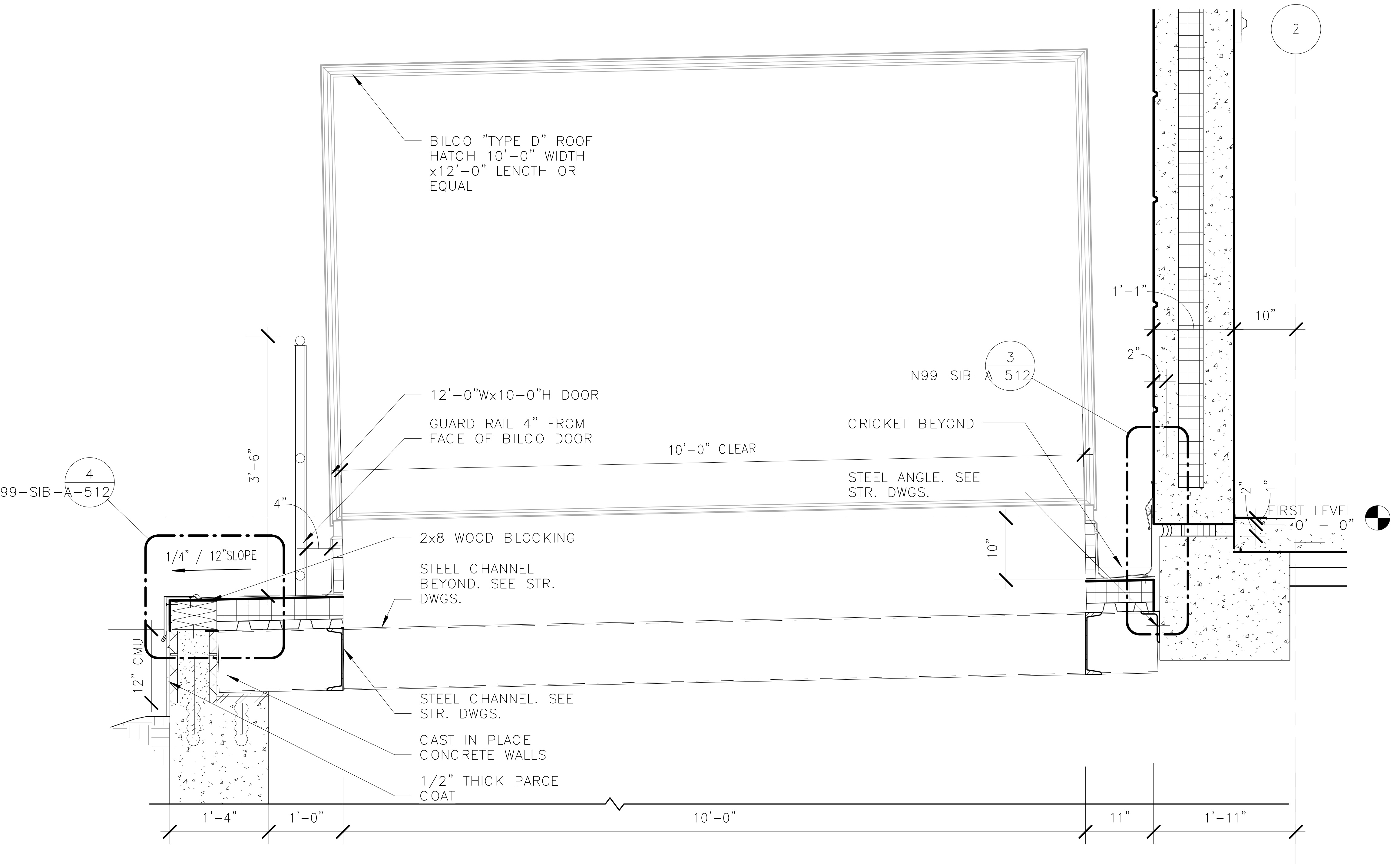


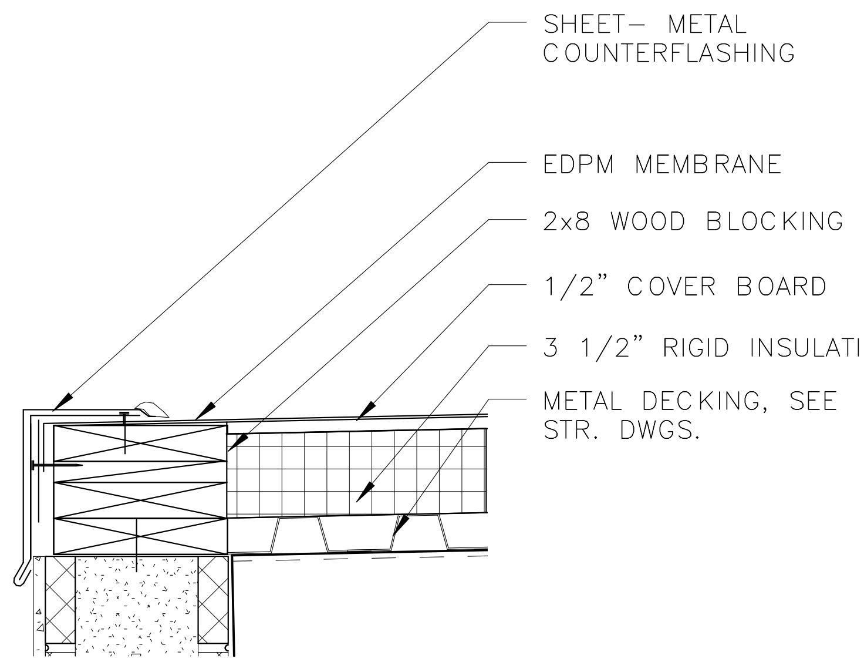
1
N99-SIB-A-512
N99-SIB-A-120

PLATFORM DETAIL - INTERIOR CLEANING BLDG
1/2" = 1'-0"



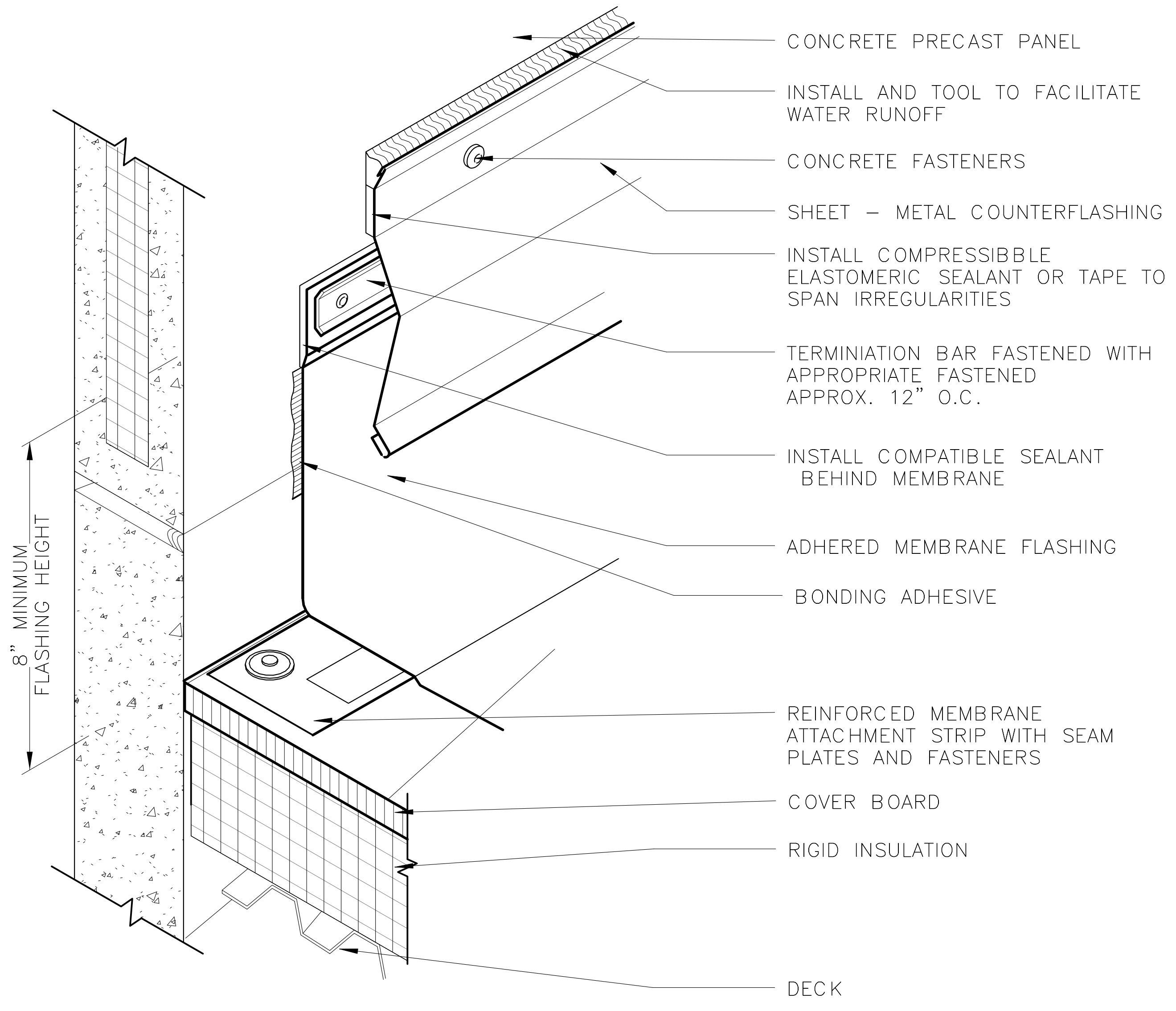
2
N99-SIB-A-512
N99-SIB-A-112

AREAWAY CAP DETAIL
3/4" = 1'-0"



4
N99-SIB-A-512

DETAIL@ AREAWAY CAP DETAIL
1 1/2" = 1'-0"



3
N99-SIB-A-512
N99-SIB-A-112

AREA CAP DETAIL
3" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK — 02/20/2017
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WMATA LDP 2009 — 39D-02-16 — CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED WALL SECTIONS

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

DRAWING NO.: N99-SIB-A-512

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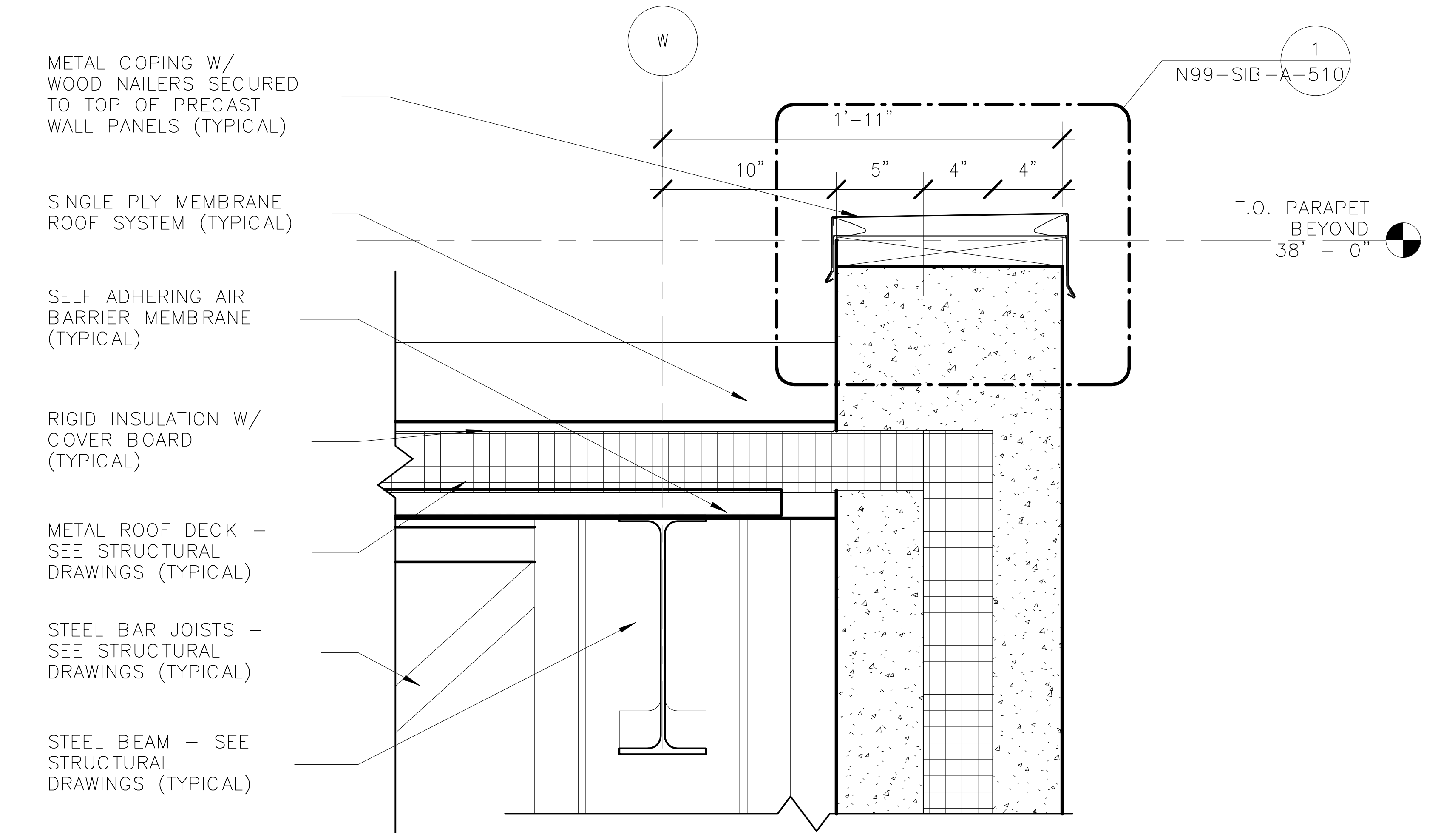
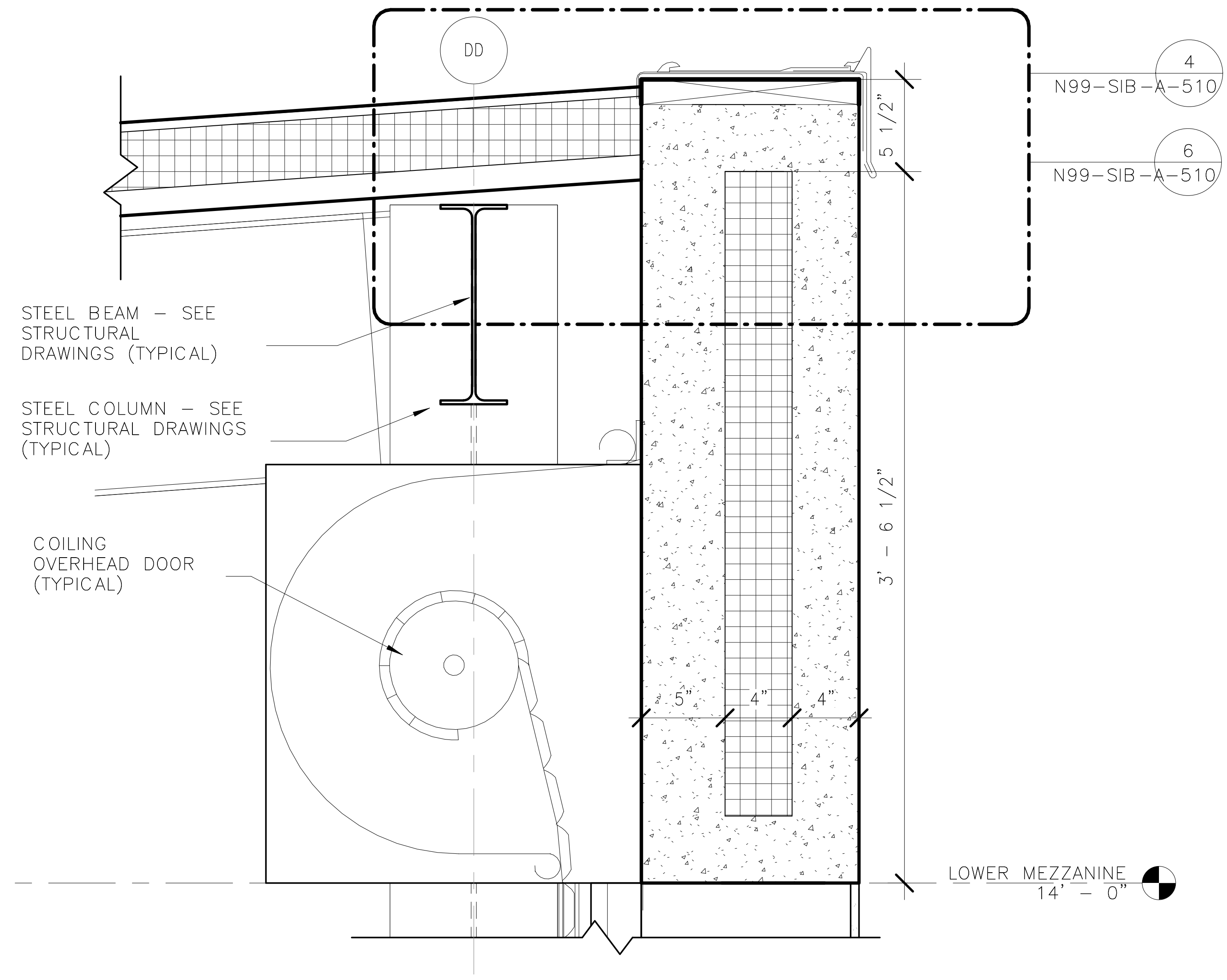


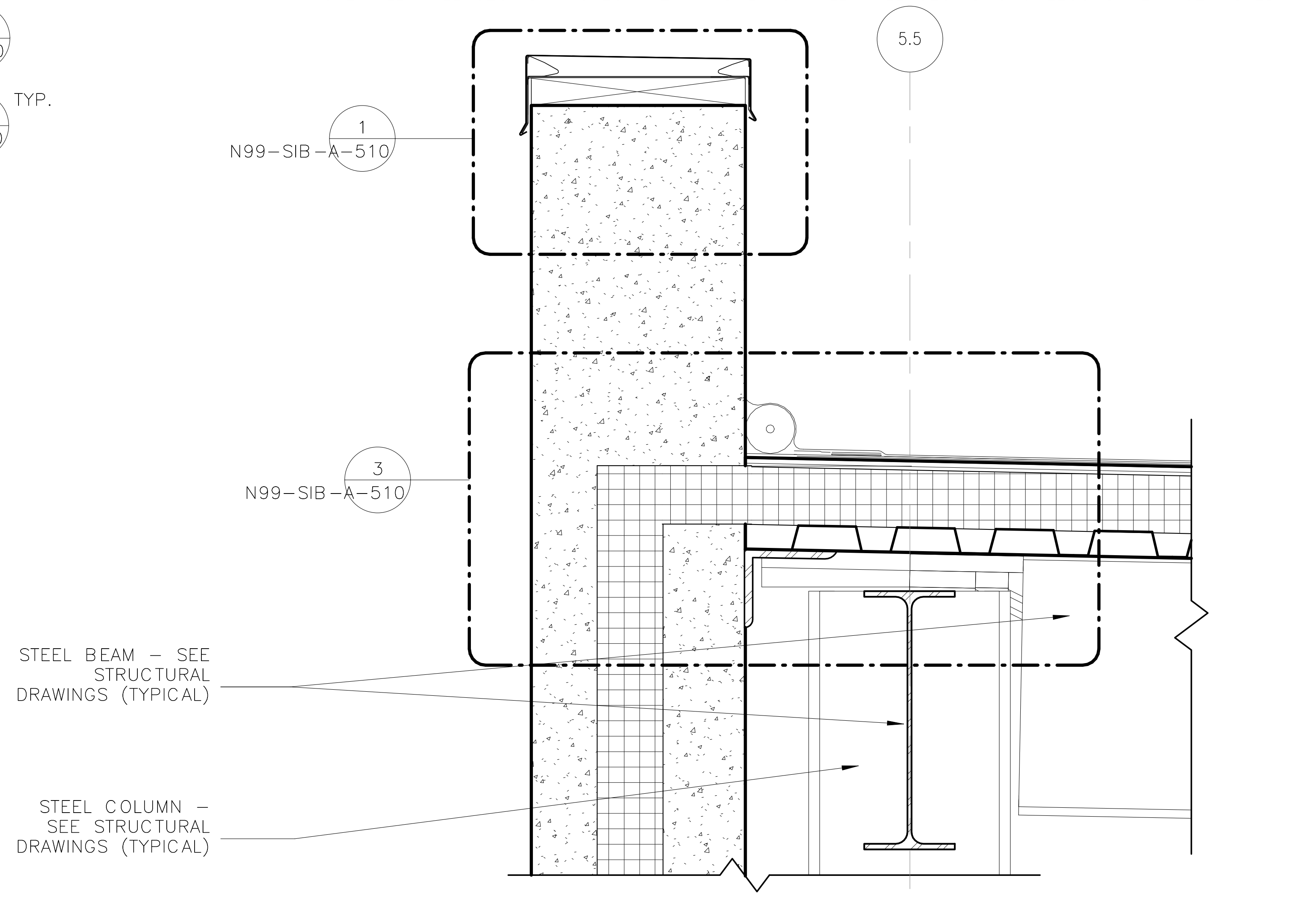
1
N99-SIB-A-513
N99-SIB-A-311

WALL SECTION @ LOW PARAPET
1 1/2" = 1'-0"



2
N99-SIB-A-513
N99-SIB-A-311

WALL SECTION @ COILDING DOOR
1 1/2" = 1'-0"



4
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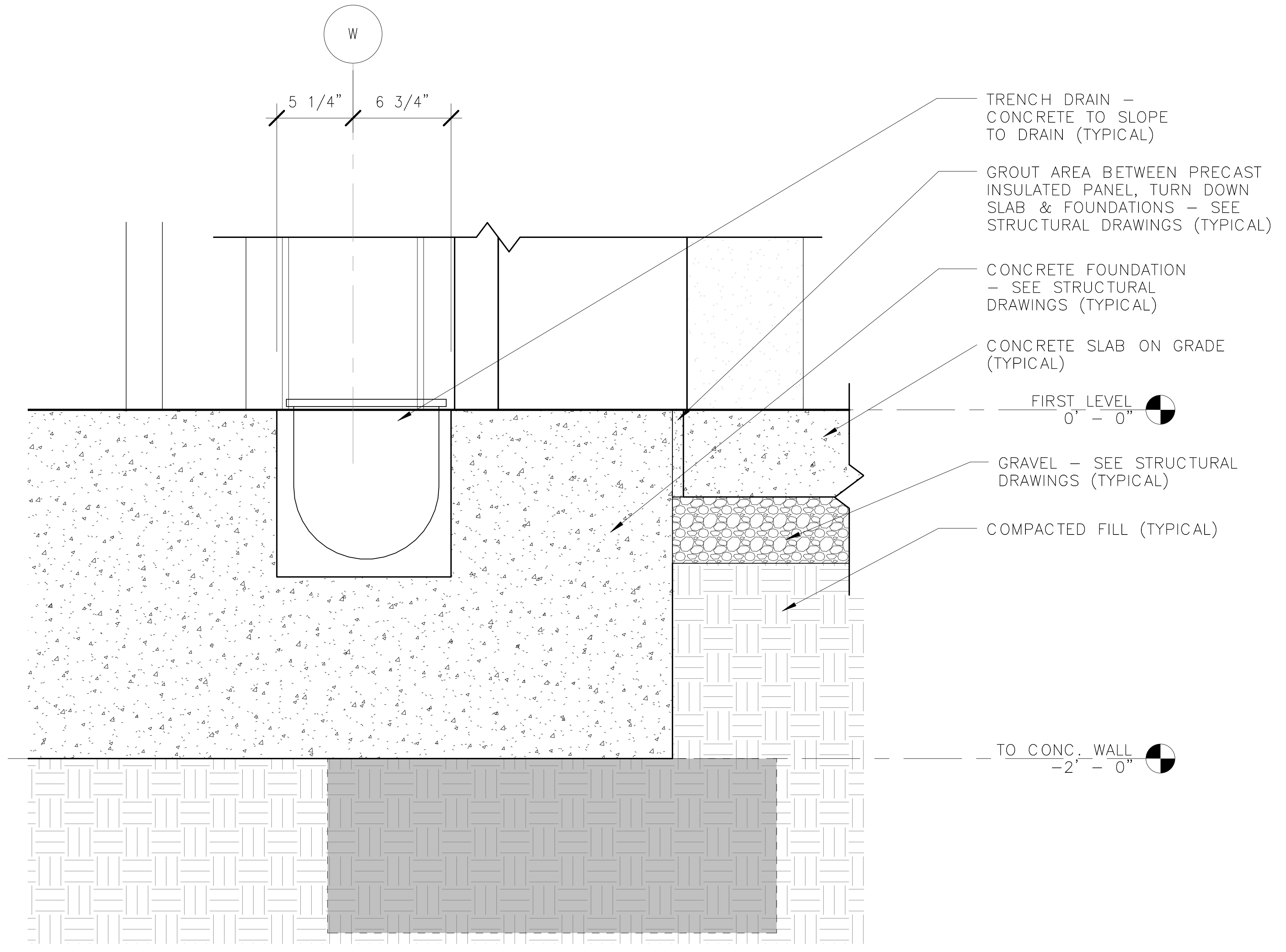
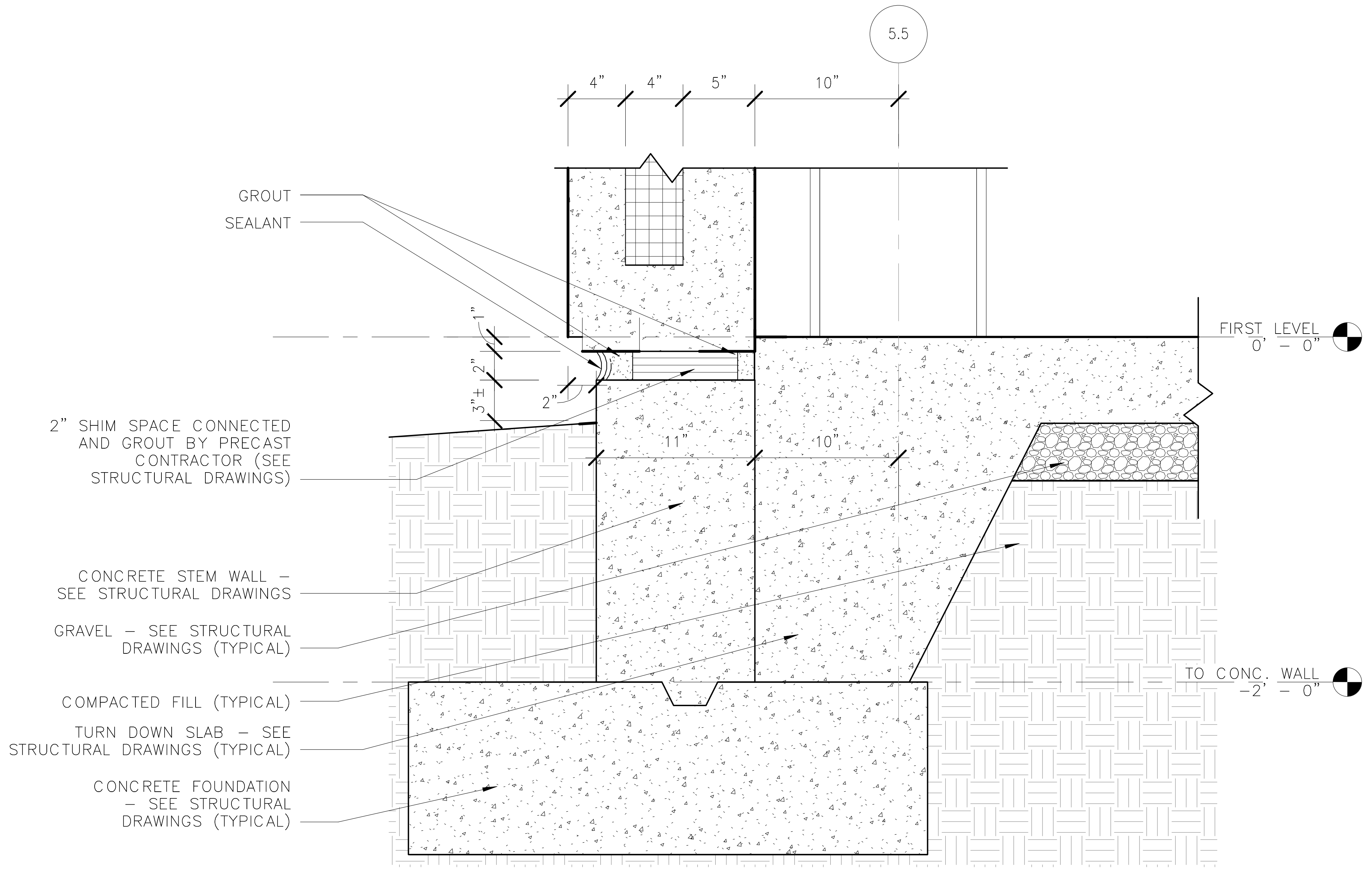
N99-SIB-A-312

WALL SECTION @ HIGH PARAPET
1 1/2" = 1'-0"



3
N99-SIB-A-513
N99-SIB-A-311

ENLARGED OVERHEAD DOOR SILL DETAIL
1 1/2" = 1'-0"



5
N99-SIB-A-513
N99-SIB-A-312

WALL SECTION@STEM WALL
1 1/2" = 1'-0"

2/16/2017 5:16:23 PM

ORIGINATORS

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RAIL YARD AND MAINTENANCE FACILITY

SIB - ENLARGED WALL SECTIONS

SCALE:	DRAWING NO.:
1 1/2" = 1'-0"	N99-SIB-A-513

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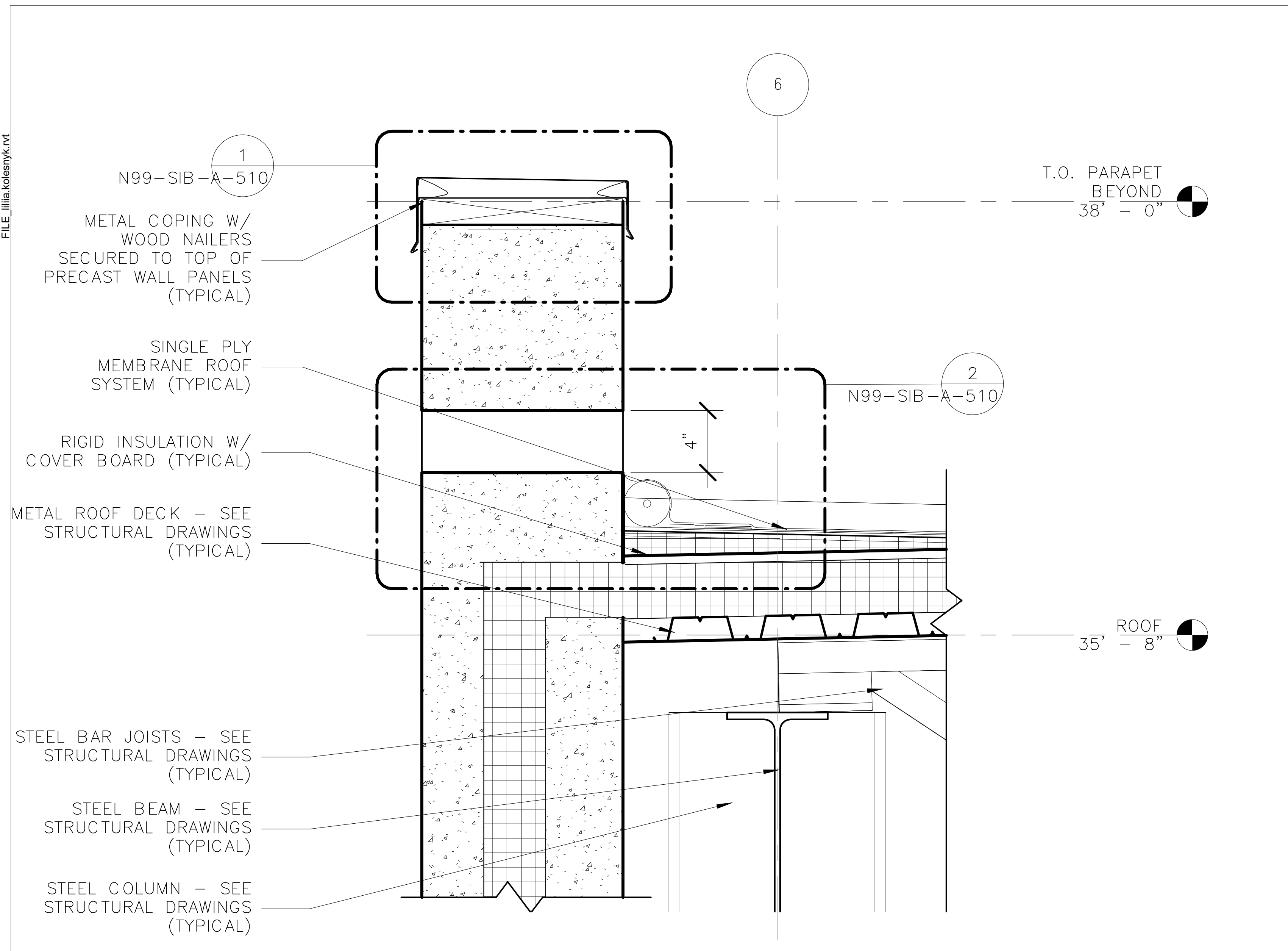
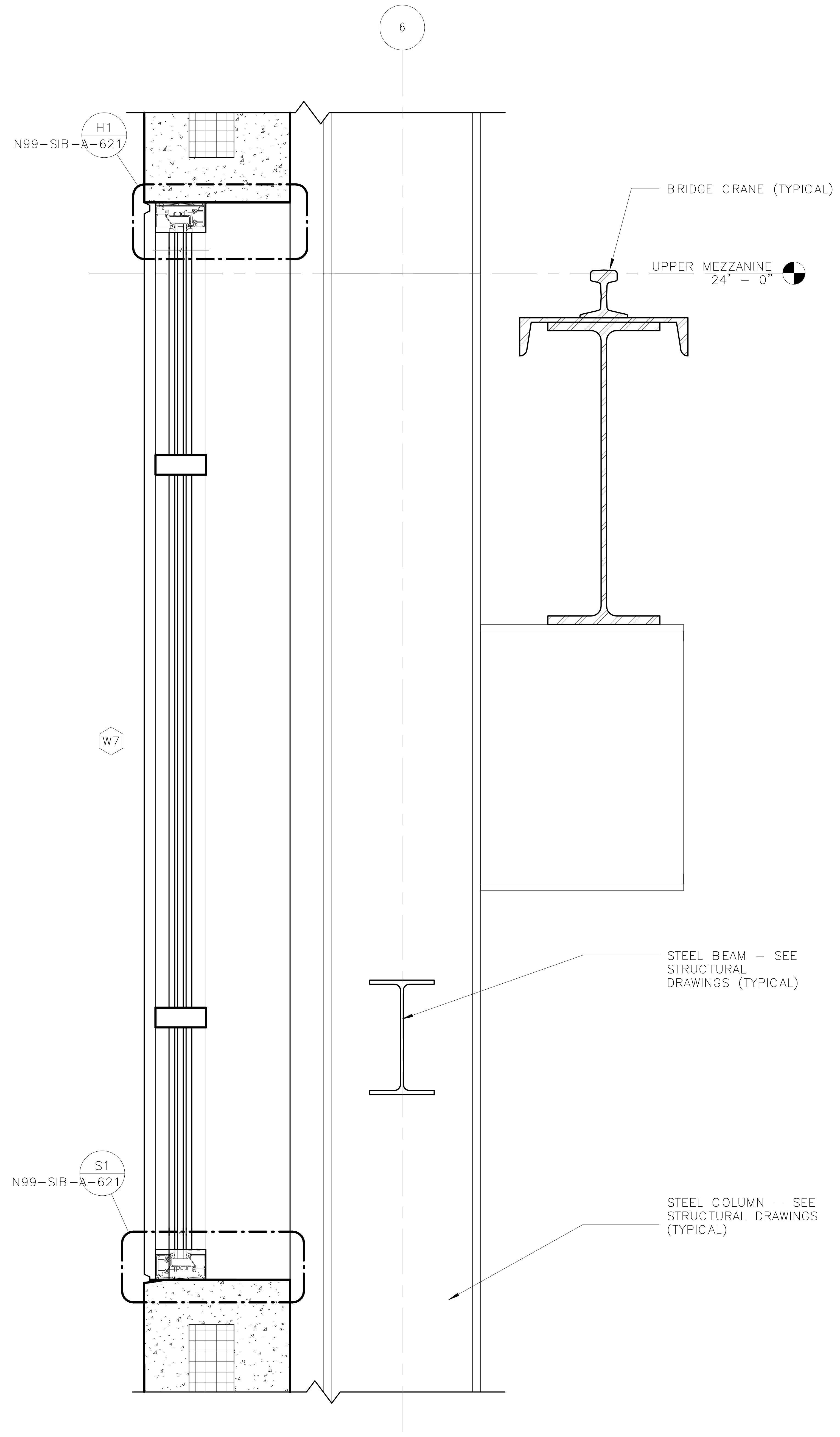
NOTE: ALL WALL SECTION NOTES ARE TYPICAL FOR ALL WALL SECTIONS UNLESS OTHERWISE NOTED

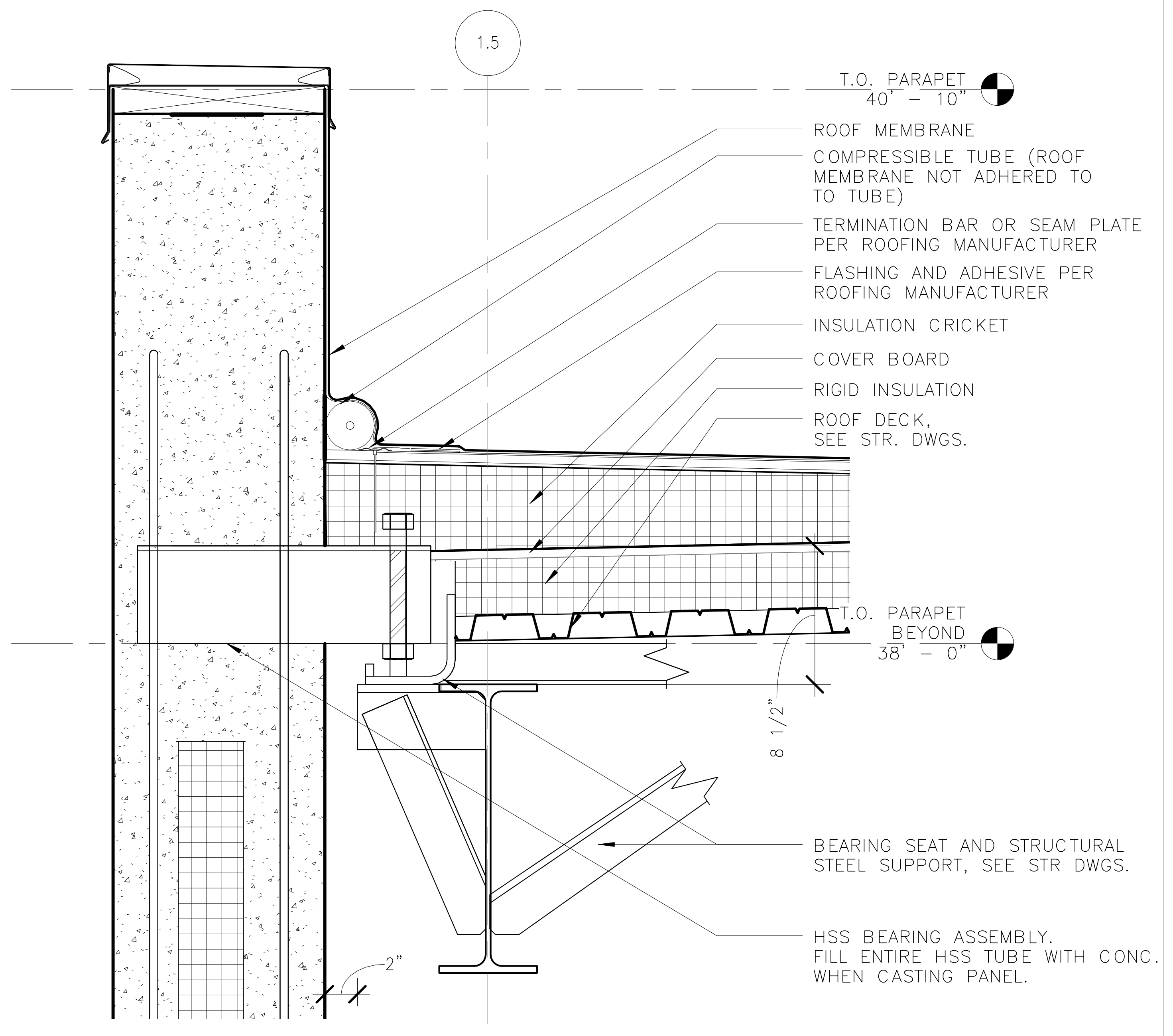


1
N99-SIB-A-514
N99-SIB-A-312

ENLARGED WALL SECTION @ SCUPPER
1 1/2" = 1'-0"

1 0 1

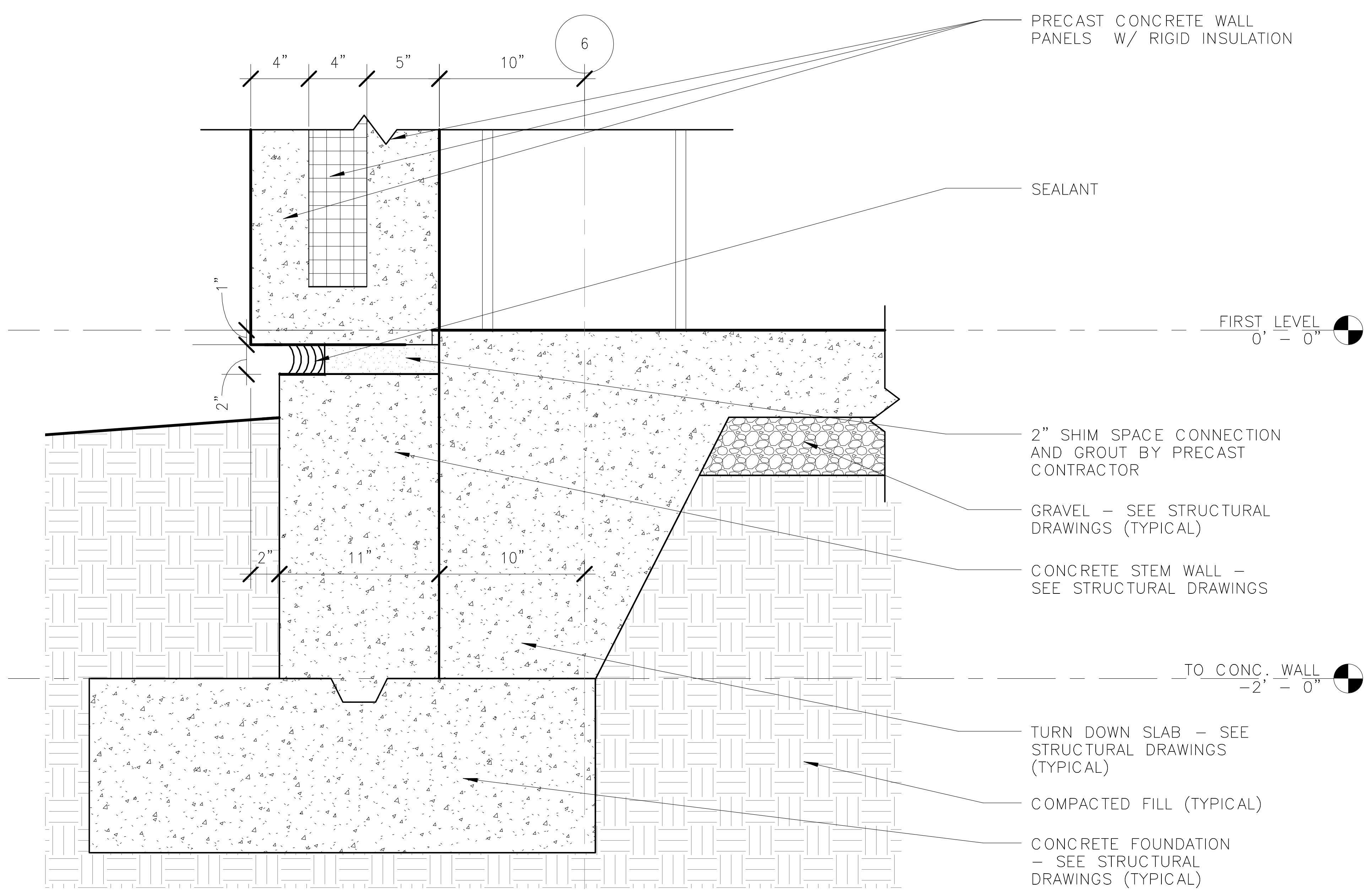




4
N99-SIB-A-514

ENLARGED WALL SECTION @ CONTROL ROOM
1 1/2" = 1'-0"

1 0 1



2
N99-SIB-A-514
N99-SIB-A-312

WALL SECTION @ STEM WALL
1 1/2" = 1'-0"

1 0 1

3
N99-SIB-A-514
N99-SIB-A-312

WALL SECTION @ STOREFRONT
1 1/2" = 1'-0"

1 0 1

ORIGINATORS

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C. HOLMES 02/20/2017
DESIGNED DATE
J. KELLEHER 02/20/2017
CHECKED DATE
M. GIULIANI 02/20/2017
APPROVED DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - ENLARGED WALL SECTIONS
SCALE: 1 1/2" = 1'-0"
DRAWING NO.: N99-SIB-A-514

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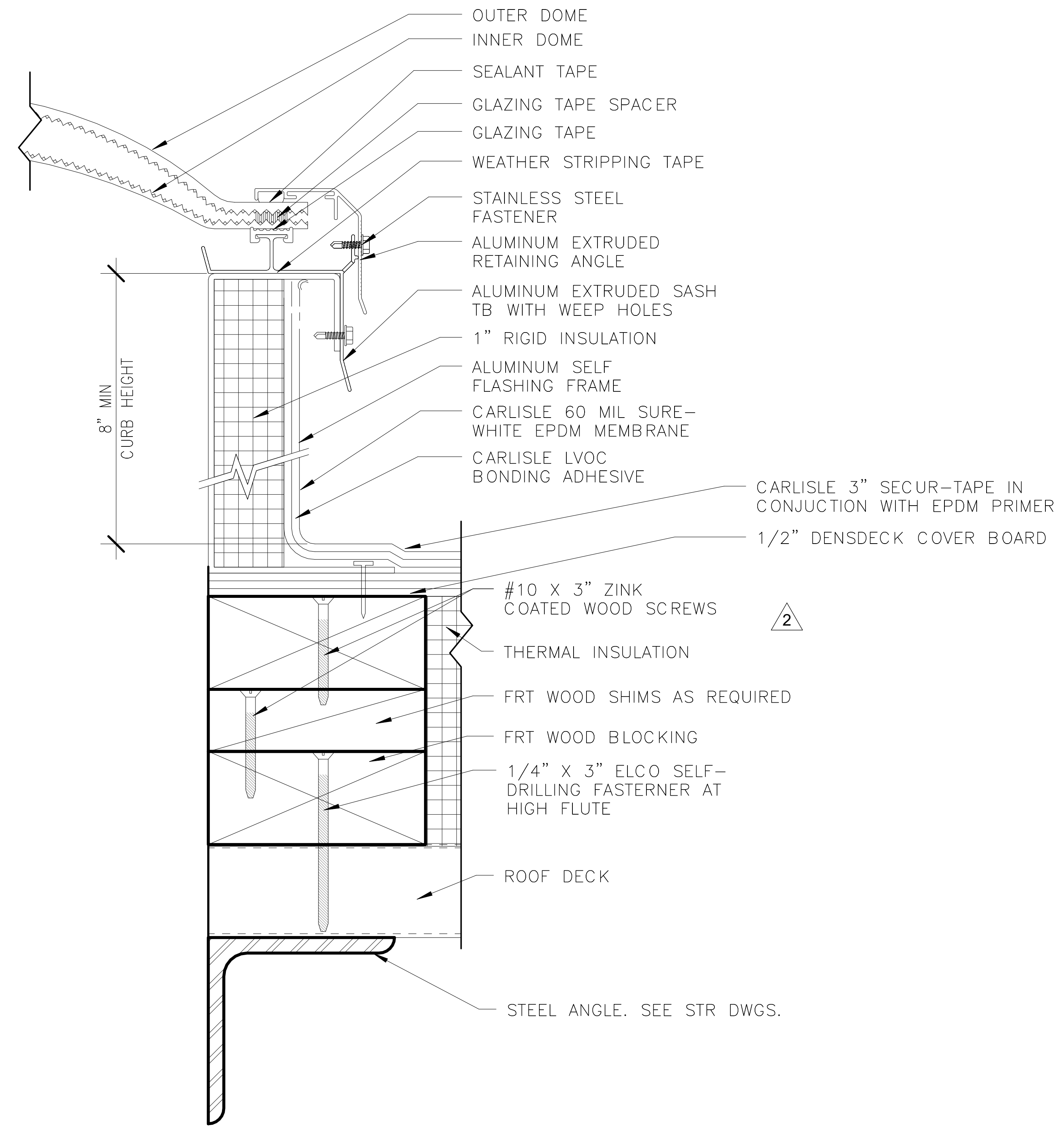
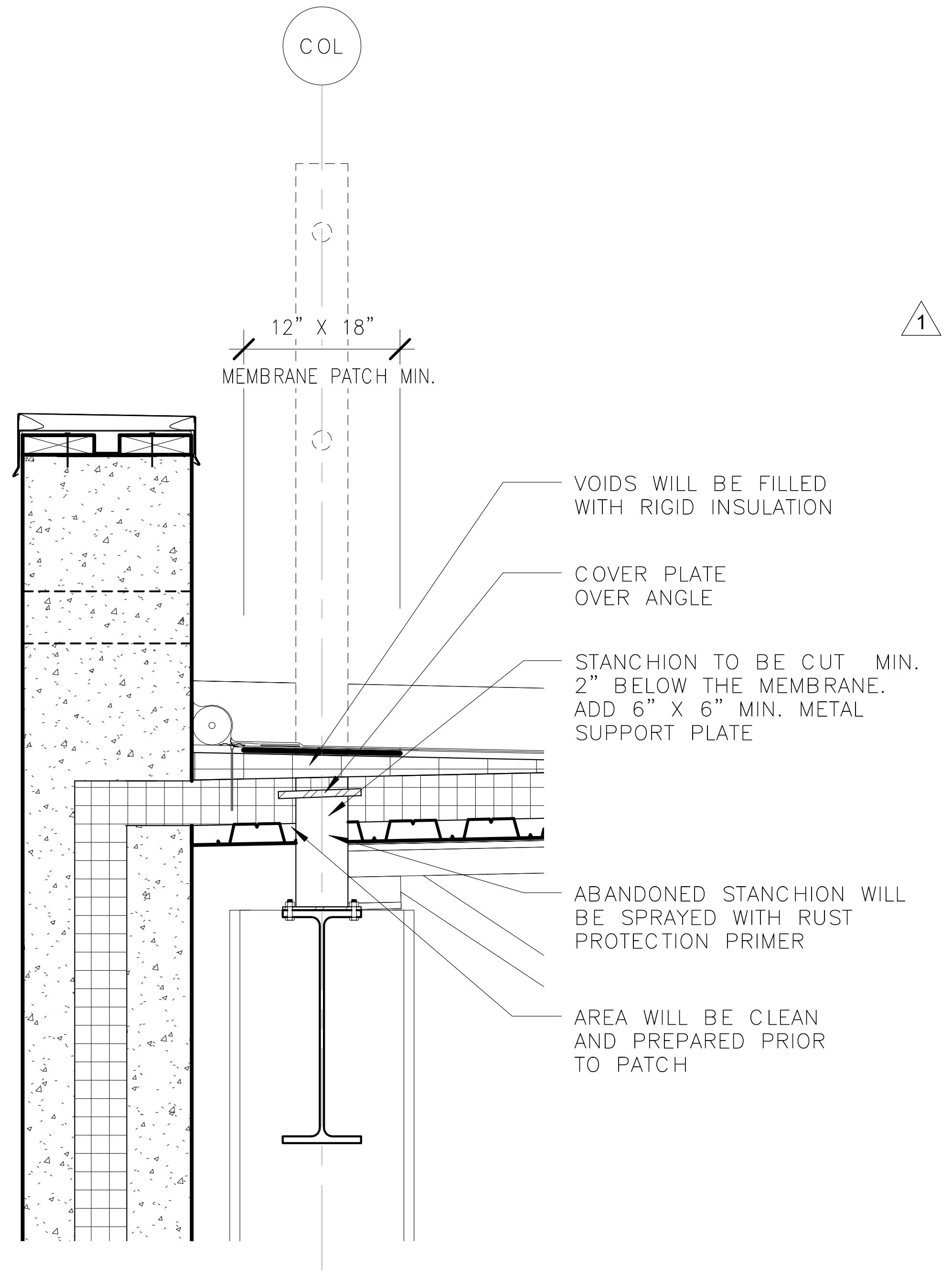


1
N99-SIB-A-516
N99-SIB-A-146
N99-SIB-A-149

SKYLIGHT DETAIL
6" = 1'-0"



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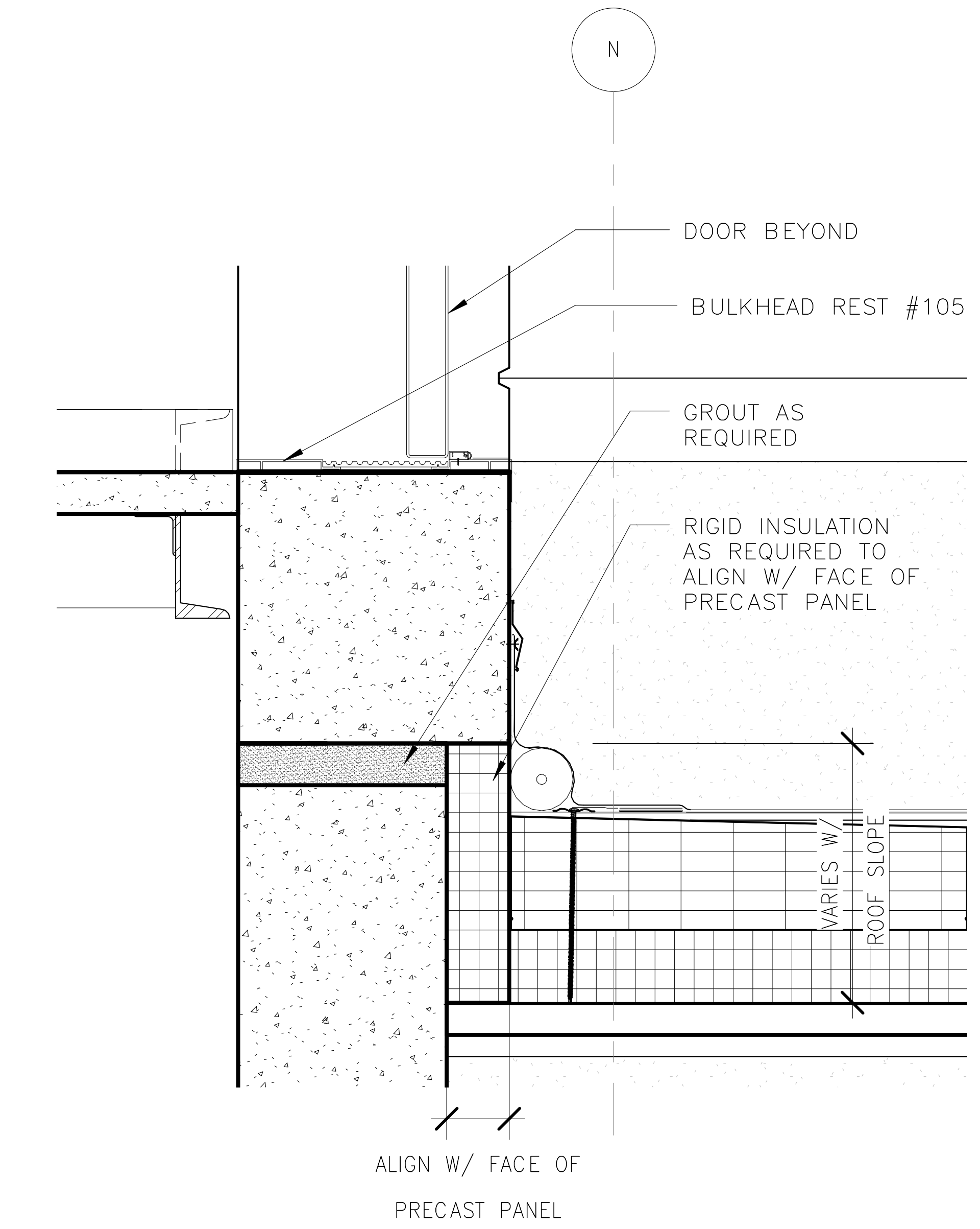
N99-SIB-A-516
N99-SIB-A-143

STANCHIONS REMOVAL (TYPICAL DETAIL)
1" = 1'-0"



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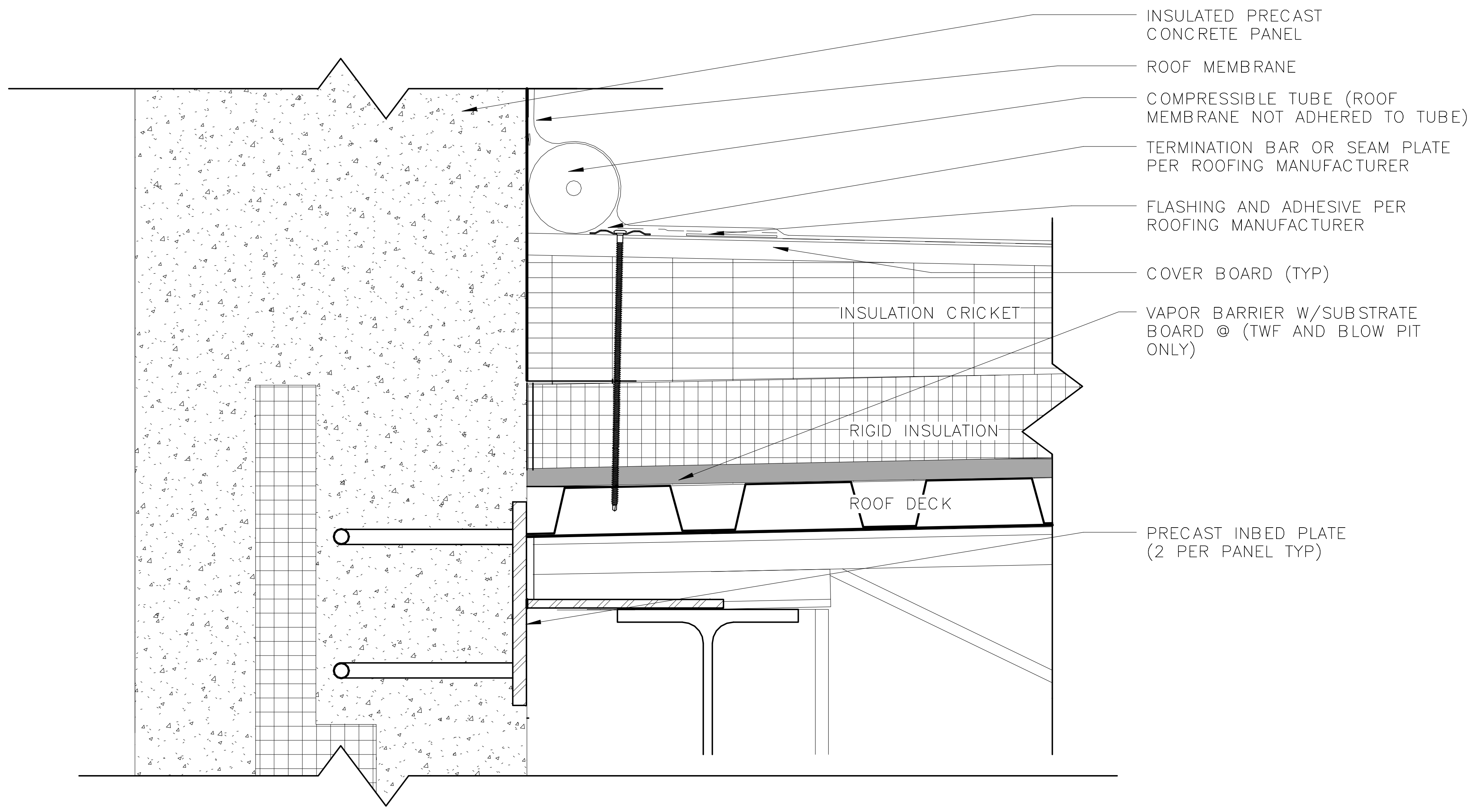
N99-SIB-A-516
N99-SIB-A-143

PRECAST PANELS / ROOF TRANSITIONS DETAIL
1 1/2" = 1'-0"



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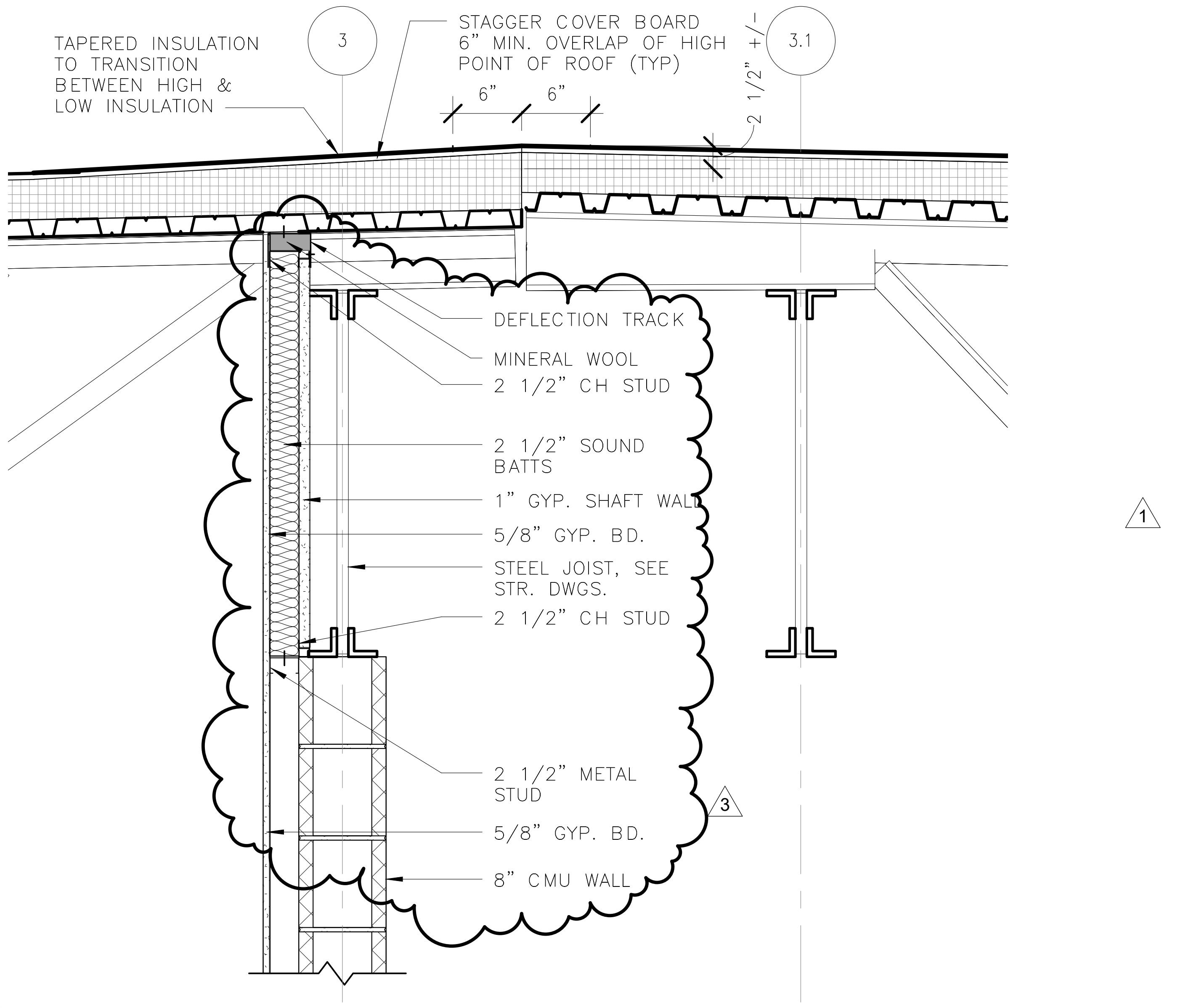
N99-SIB-A-516
1

ROOF DETAIL - PARAPET @ PRECAST EMBED (TYP)
3" = 1'-0"



5
N99-SIB-A-516
N99-SIB-A-142
N99-SIB-A-143

CMU WALL AT COLUMN LINE 3
1" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
1	06/20/2017	DC 0438: Roof Details Updates	LK	CTH	JJK	MLG
2	06/20/2017	DC 0424: Roof Blocking	LK	CTH	JJK	MLG
3	06/22/2017	DC 0262: Top of CMU at column line 3	LK	CTH	JJK	MLG

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RAIL YARD AND MAINTENANCE FACILITY

SIB - SKYLIGHT DETAILS

SCALE: 6" = 1'-0"
DRAWING NO.: N99-SIB-A-516

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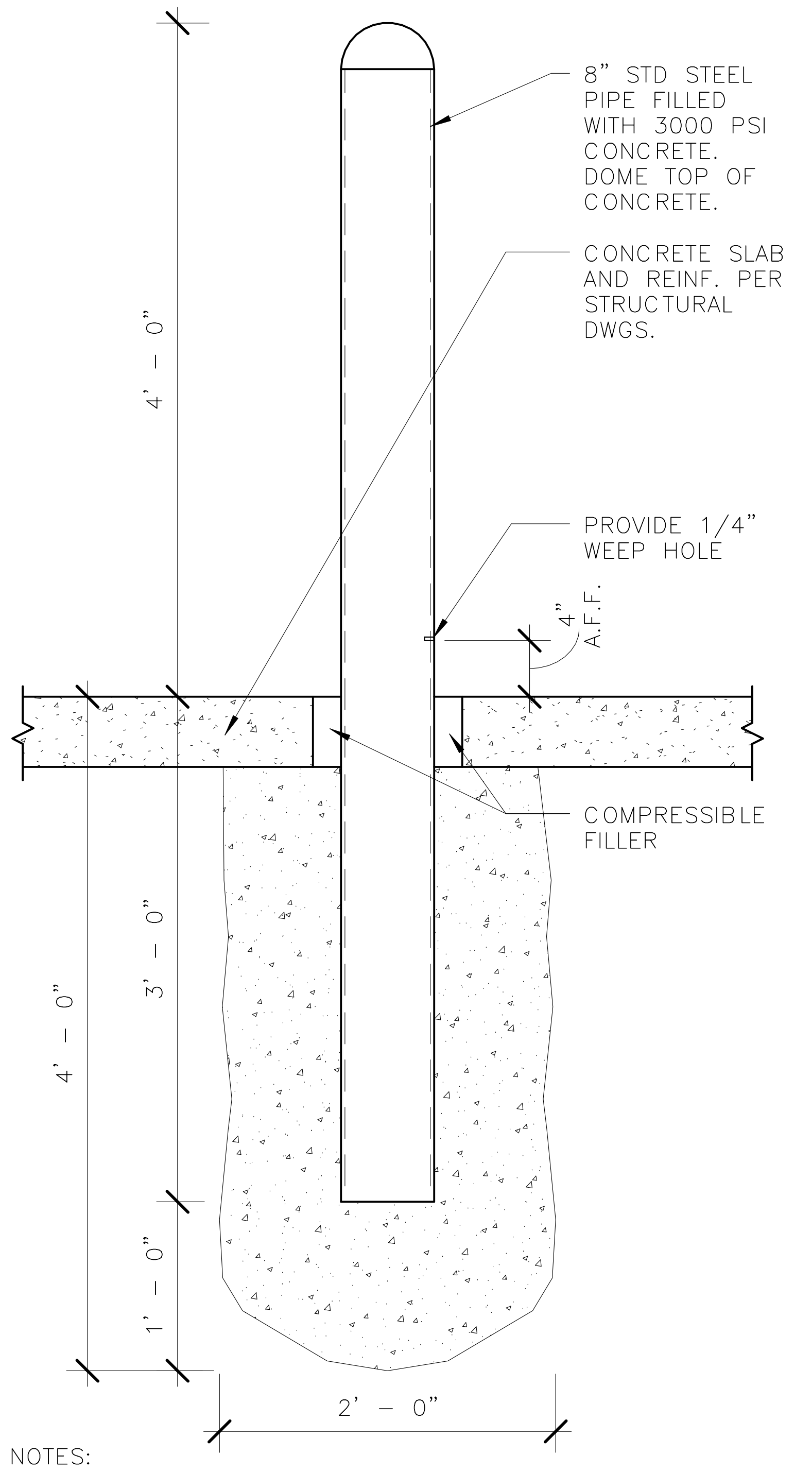
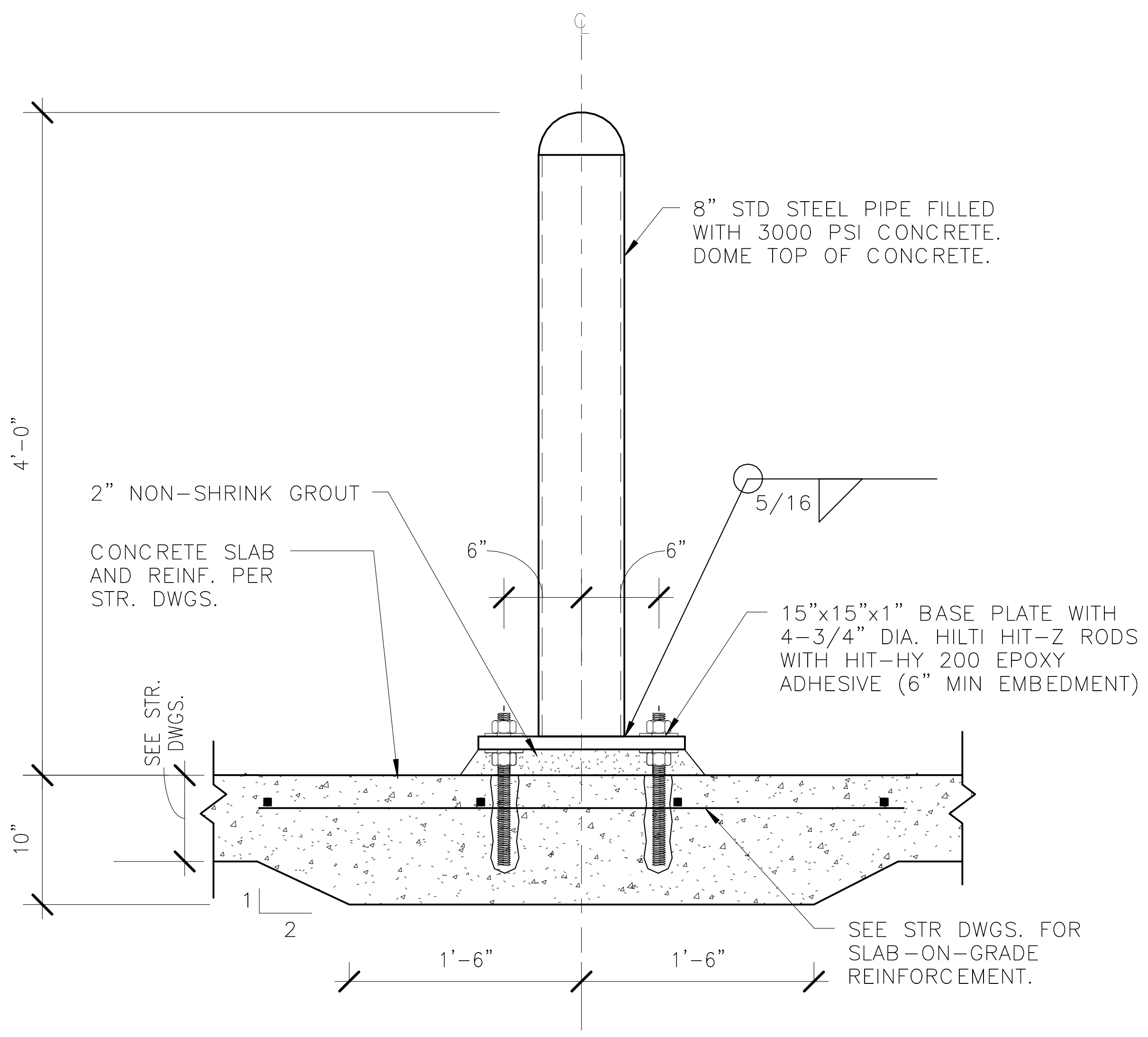


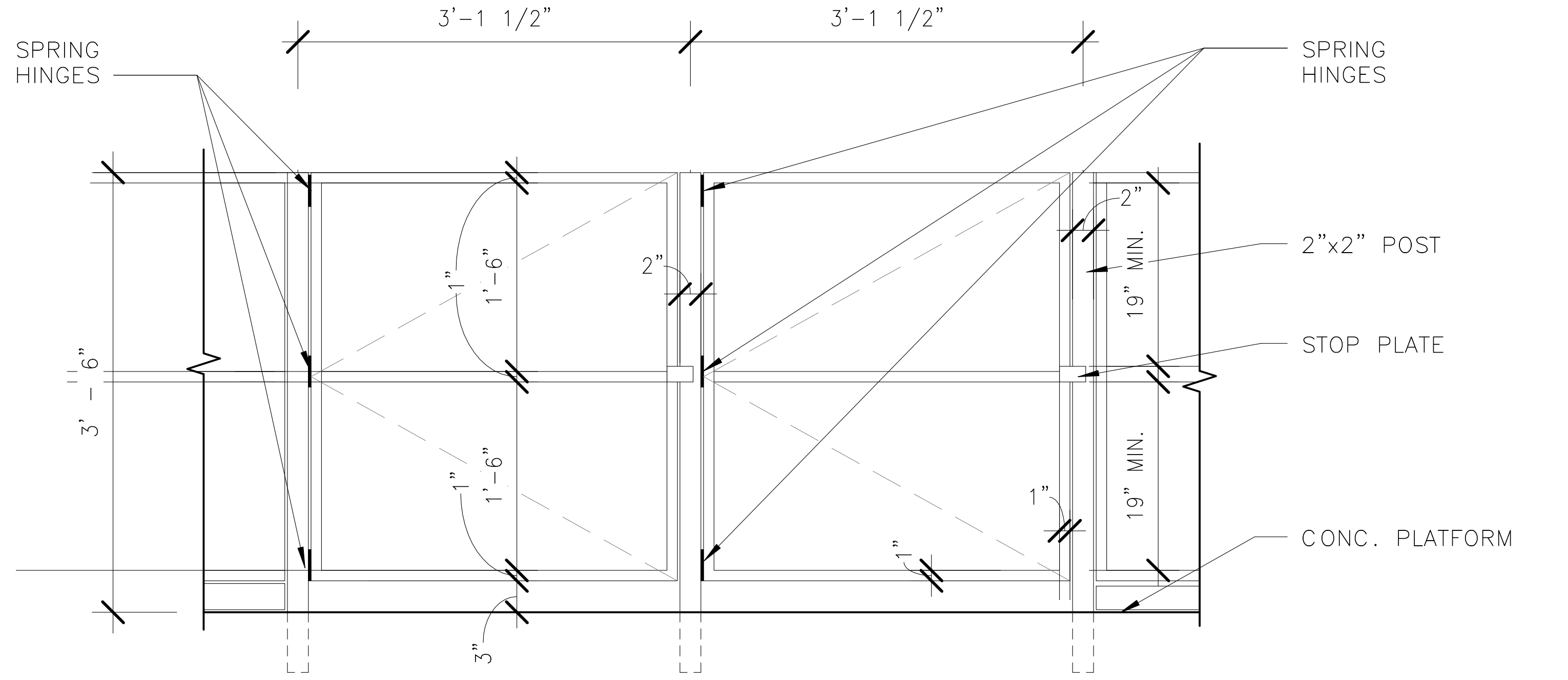
NOTES:
1. SEE SPECS 05 50 00 – METAL FABRICATIONS.
2. BOLLARD DESIGNED TO COMPLY WITH ASCE7 FOR 6000 LBS @18" TO 27" AFF.
3. ALL BOLLARDS TO BE FS "SAFETY YELLOW".

4
N99-SIB-A-520
TYPICAL IN-GROUND BOLLARD DETAIL - EXTERIOR
1" = 1'-0"

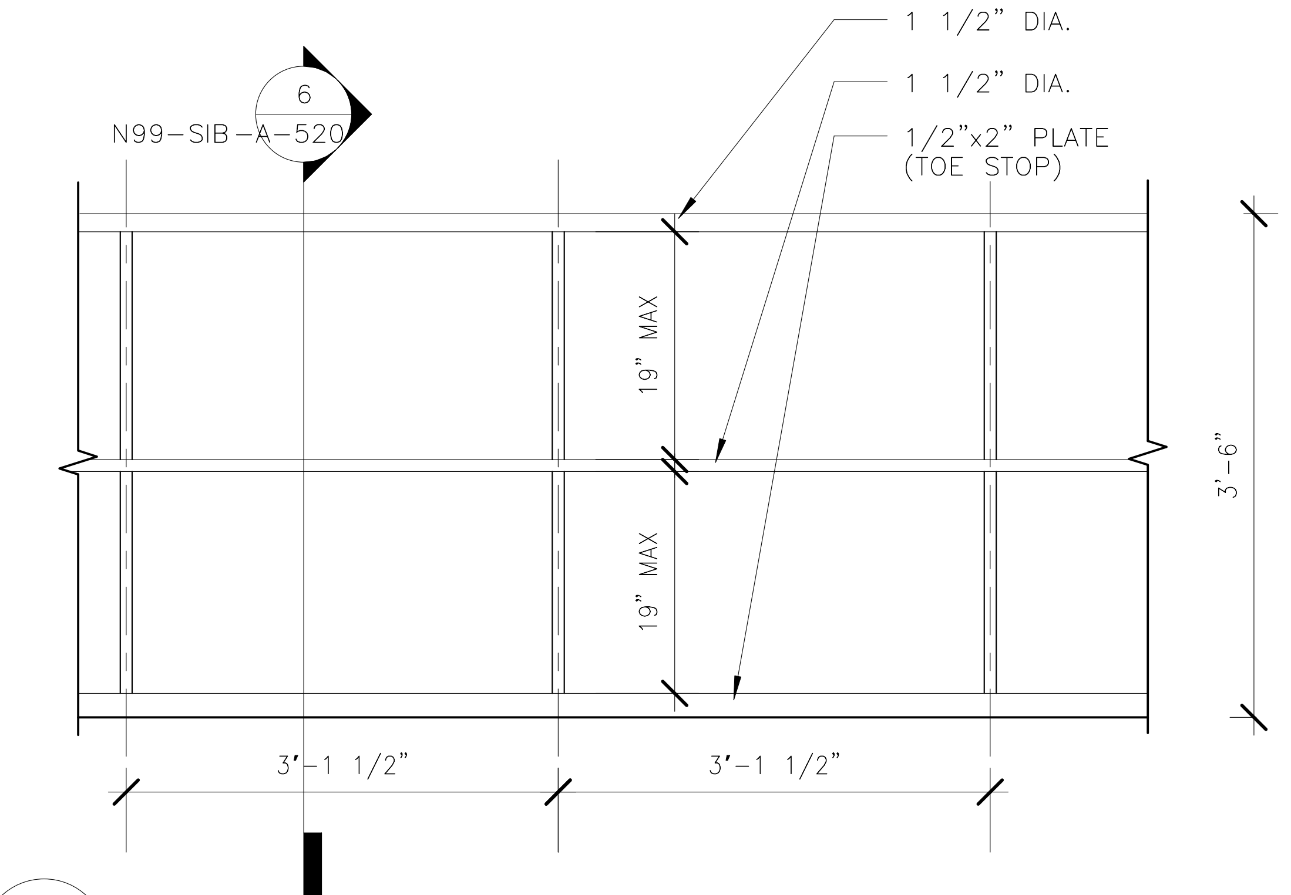


NOTES:
1. SEE SPECS 05 50 00 – METAL FABRICATIONS.
2. BOLLARD DESIGNED TO COMPLY WITH ASCE7 FOR 6000 LBS @18" TO 27" AFF.
3. ALL BOLLARDS TO BE FS "SAFETY YELLOW".

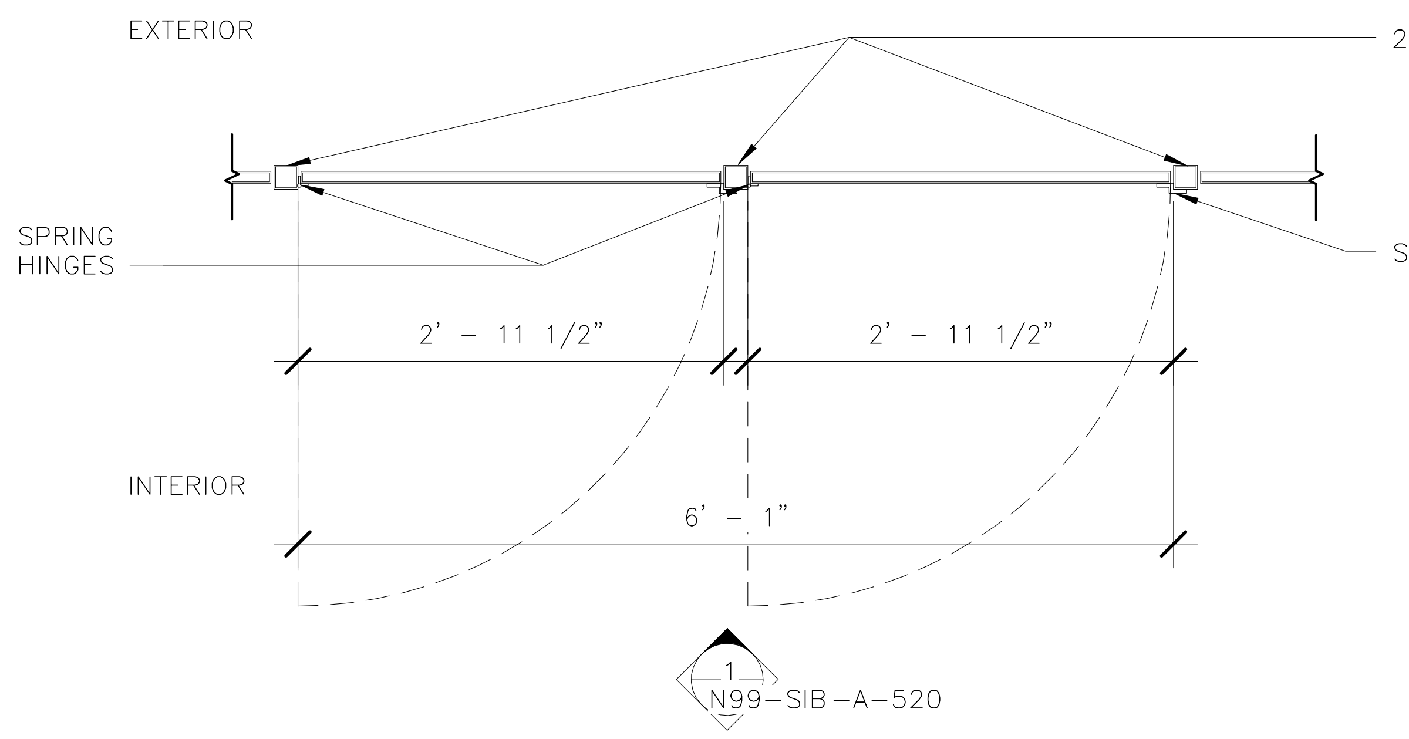
3
N99-SIB-A-520
TYPICAL BOLT-ON BOLLARD DETAIL - INTERIOR
1" = 1'-0"



1
N99-SIB-A-520
SWING GATE - ELEVATION
3/4" = 1'-0"



5
N99-SIB-A-520
GATE RAILING
3/4" = 1'-0"



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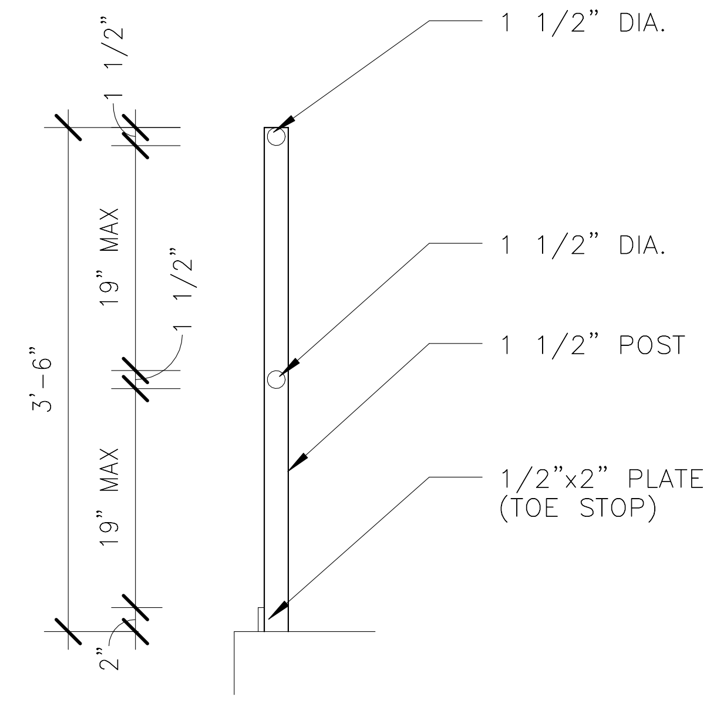
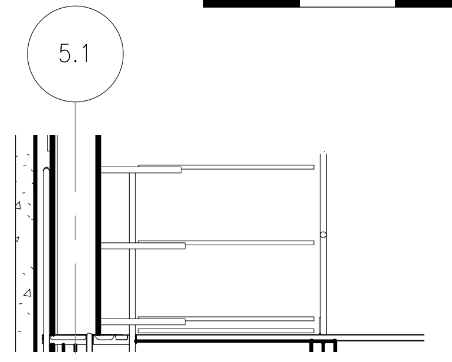
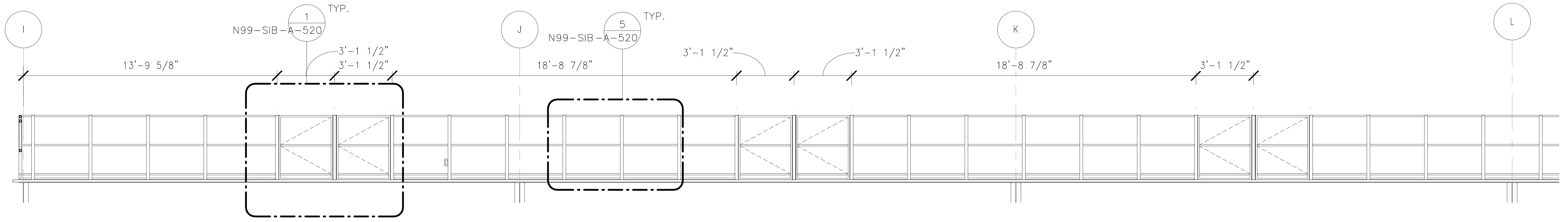
N99-SIB-A-520
N99-SIB-A-415
SWING GATE - PLAN
3/4" = 1'-0"



6
N99-SIB-A-520
GATE RAILING SECTION
3/4" = 1'-0"



9
N99-SIB-A-520
N99-SIB-A-301
GATE ELEVATION WEST
1/4" = 1'-0"



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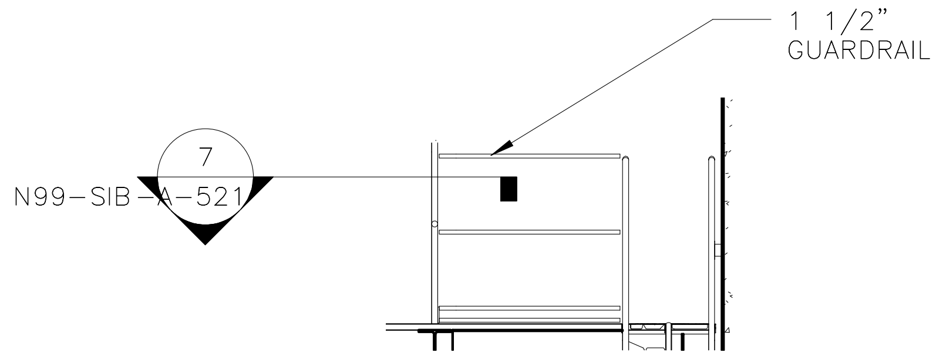
N99-SIB-A-125
GATE/RAILING ELEV
1/4" = 1'-0"



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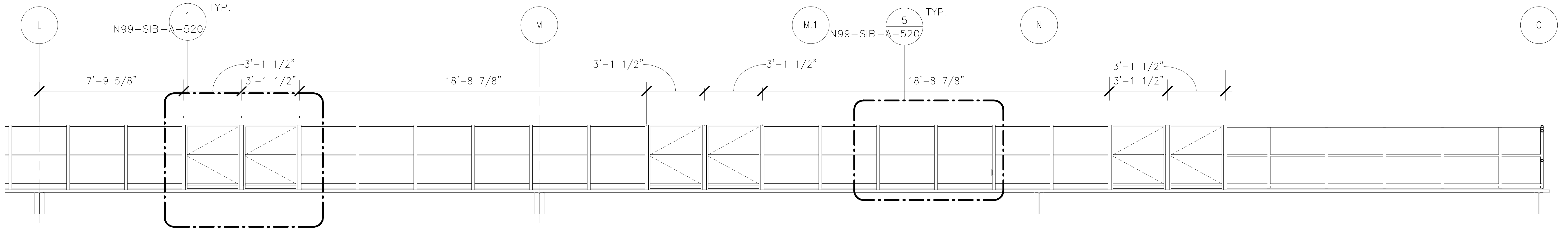
N99-SIB-A-301
PLATFORM ELEVATION EAST
1/4" = 1'-0"



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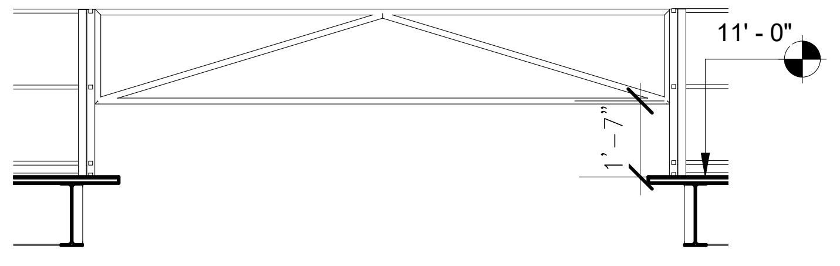
N99-SIB-A-520
N99-SIB-A-125
GATE/RAILING ELEV CONT
1/4" = 1'-0"



11
N99-SIB-A-520
SECTION THRU OVERHEAD PLATFORM
1/4" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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No. 011155
ARCHITECT

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - MISCELLANEOUS DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-520

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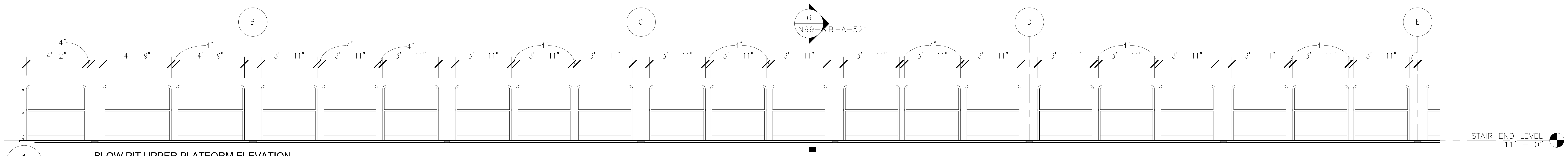
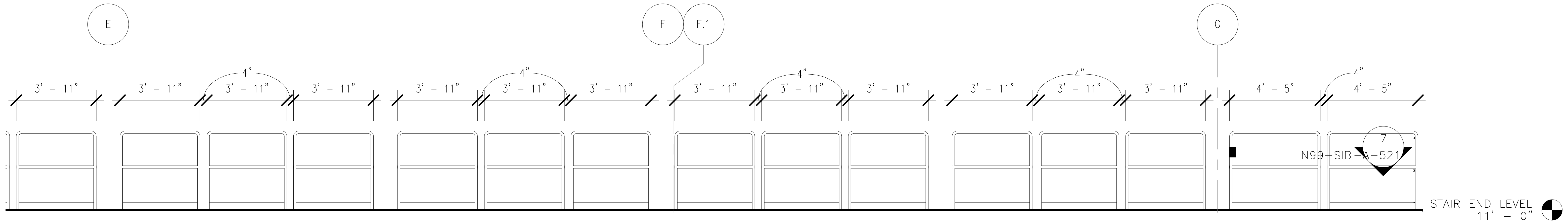


1
N99-SIB-A-521
N99-SIB-A-117

BLOW PIT UPPER PLATFORM ELEVATION
1/4" = 1'-0"



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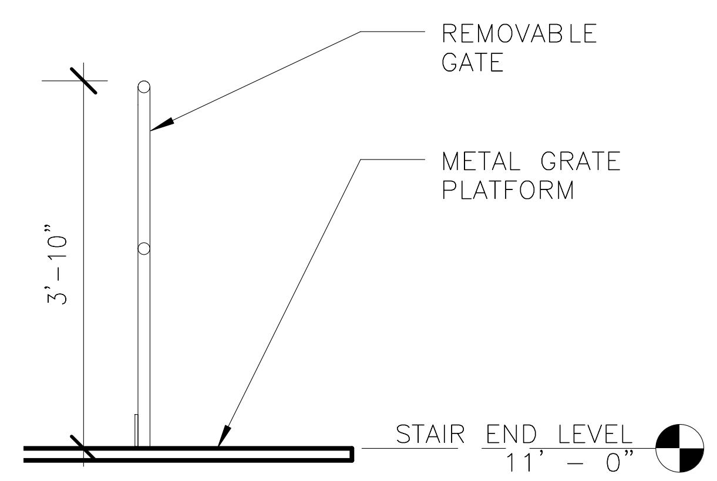
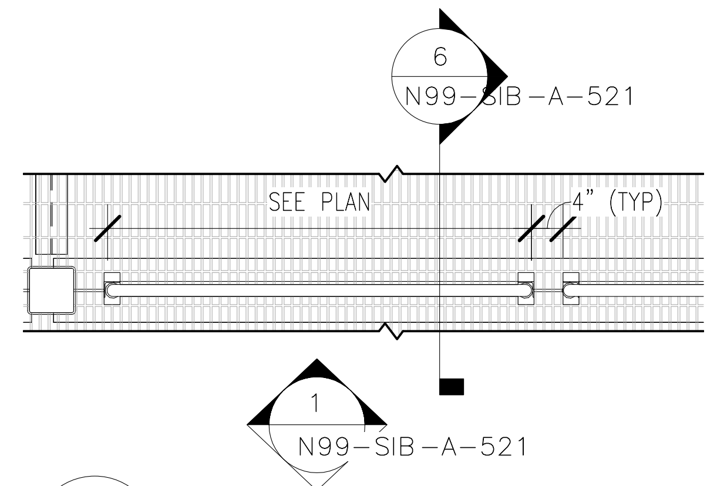
N99-SIB-A-521
N99-SIB-A-117

BLOW PIT UPPER PLATFORM ELEVATION CONT.
1/4" = 1'-0"



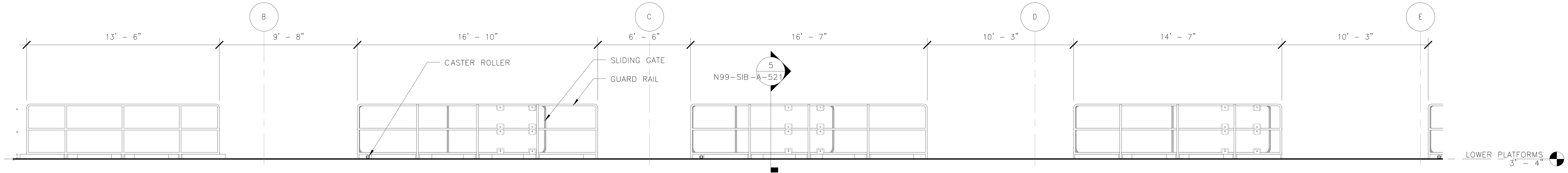
6
N99-SIB-A-521

REMOVABLE GATE @ BLOW PIT UPPER PLATFORM
1/2" = 1'-0"



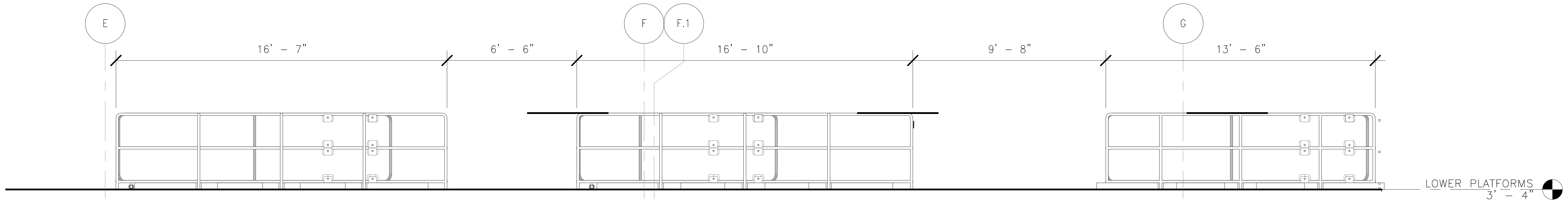
7
N99-SIB-A-521

REMOVABLE GATE DETAIL
1/2" = 1'-0"



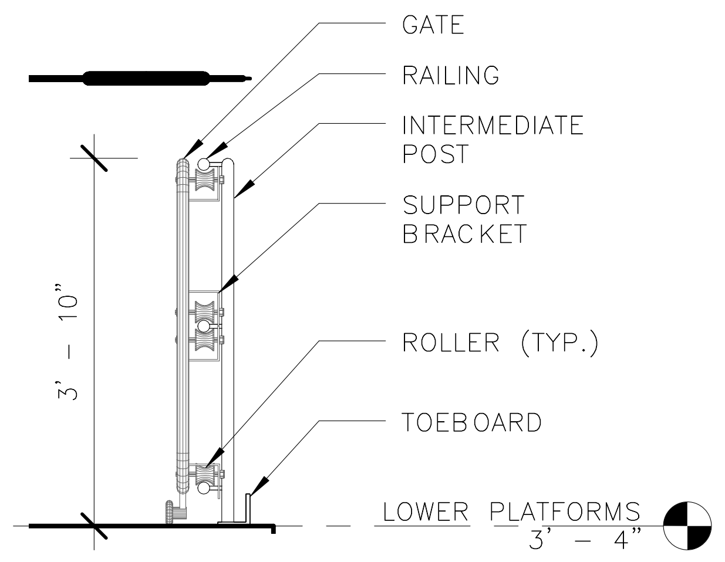
3
N99-SIB-A-521
N99-SIB-A-117

BLOW PIT LOWER PLATFORM ELEVATION
1/4" = 1'-0"



4
N99-SIB-A-521
N99-SIB-A-117

BLOW PIT LOWER PLATFORM ELEVATION CONT.
1/4" = 1'-0"



5
N99-SIB-A-521

SLIDING GATE @ BLOW PIT LOWER PLATFORM
1/2" = 1'-0"

2/16/2017 5:17:19 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
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APPROVED	DATE

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No. 011155

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WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

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HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - MISCELLANEOUS DETAILS

SCALE:
DRAWING NO.: N99-SIB-A-521

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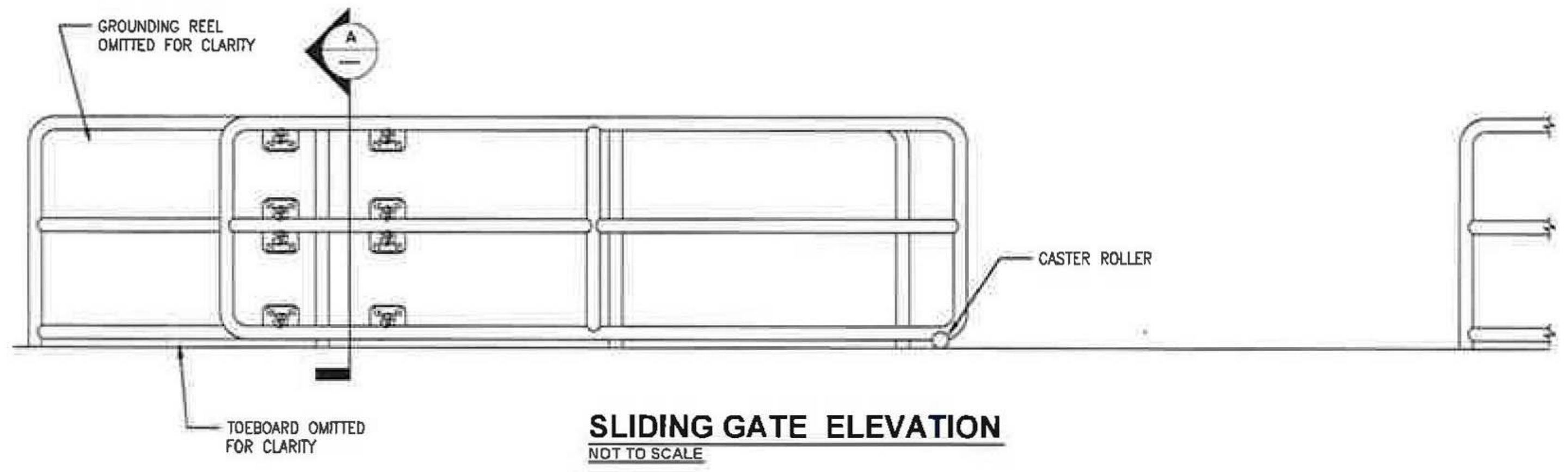
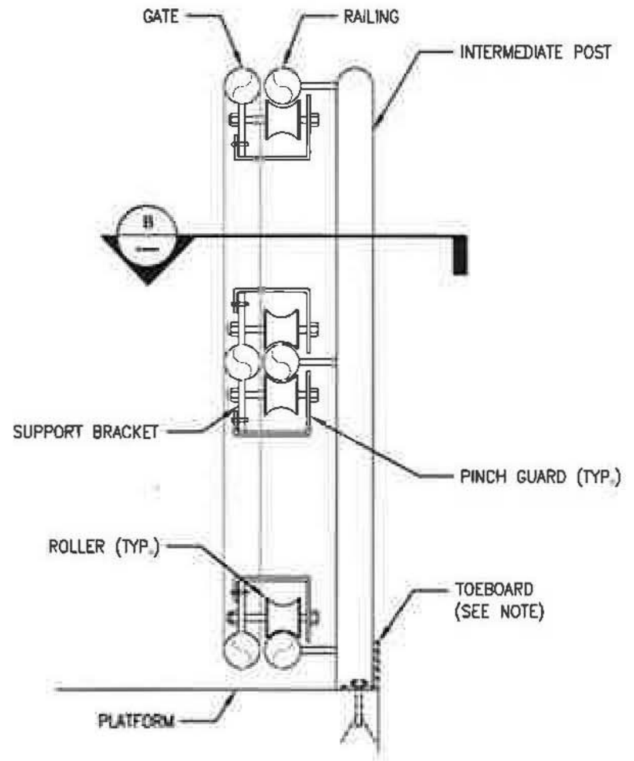
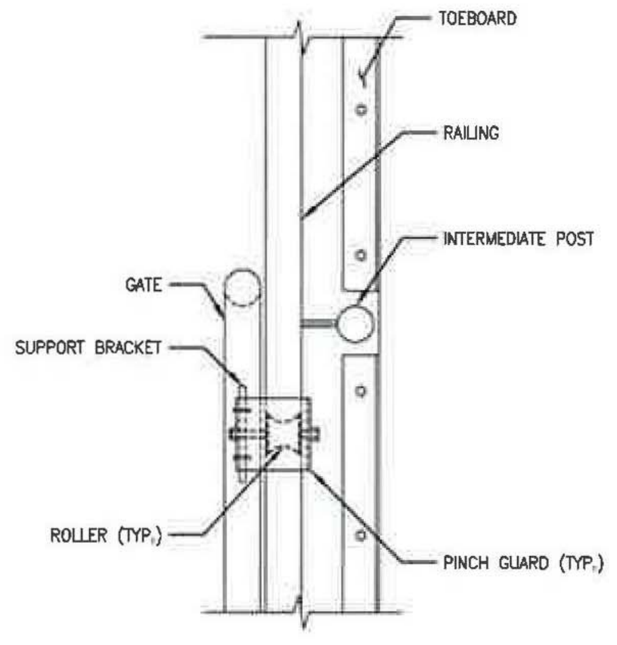


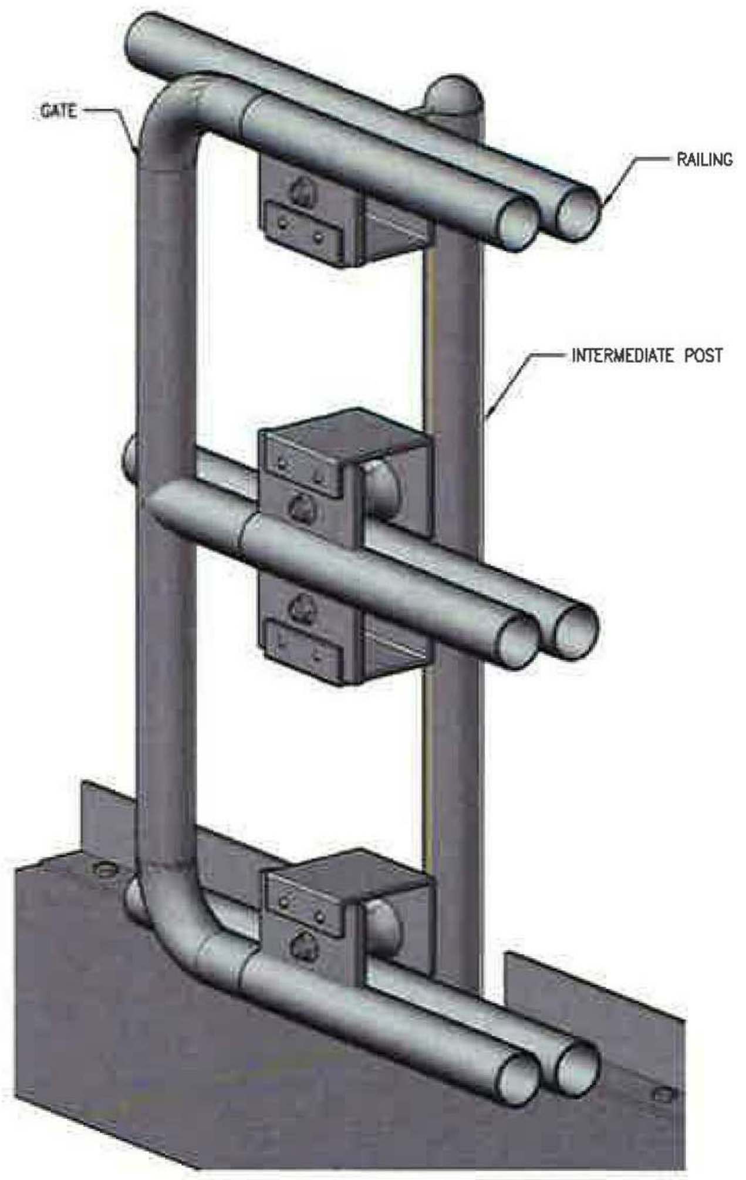
SLIDING GATE ELEVATION
NOT TO SCALE



A — SLIDING GATE AT INTERMEDIATE POST
Not To Scale



B — PLAN
Not To Scale

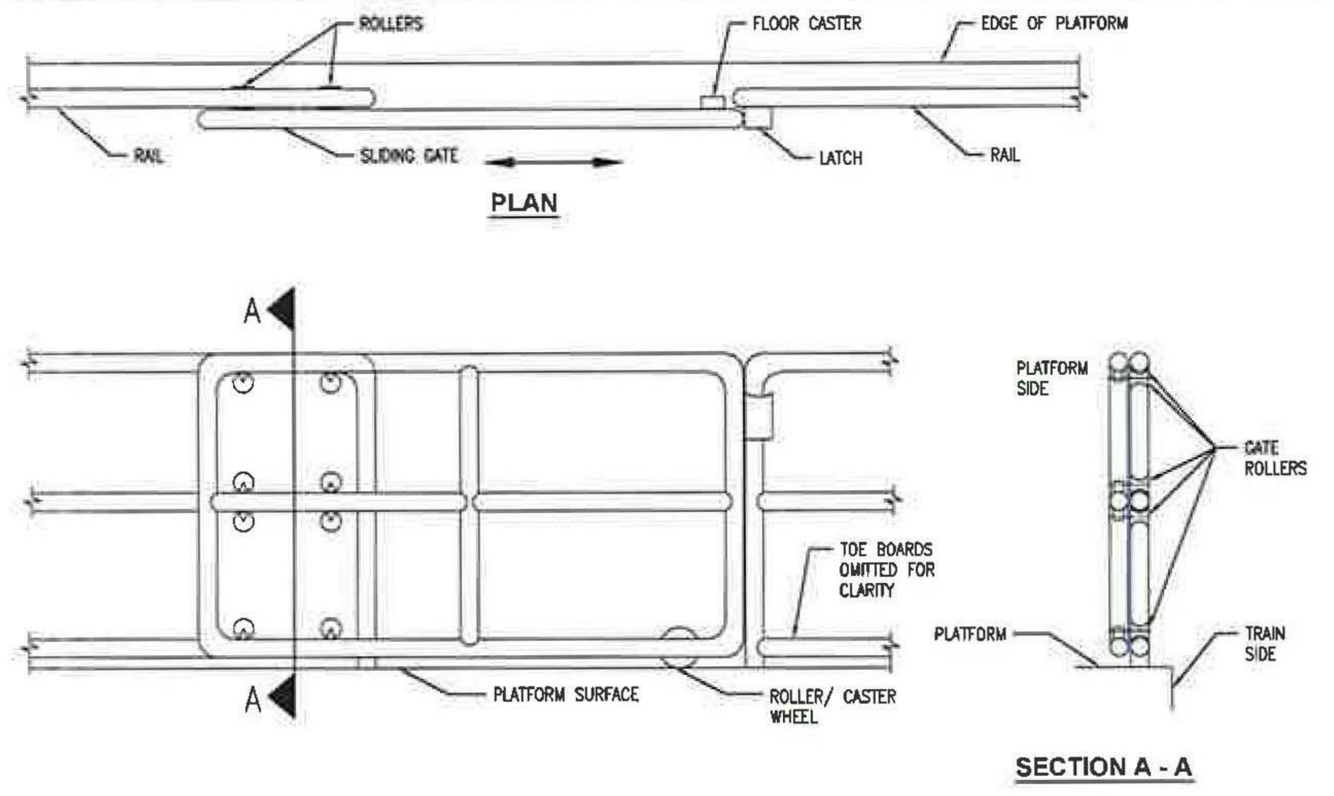


ISOMETRIC VIEW

NOTES:

1. TOEBOARDS REQUIRED AT EDGE OF ELEVATED PLATFORM AND RAMPS. WELD TO EXISTING EMBEDDED ANGLE OR FASTEN TO PLATFORM WITH CONCRETE ANCHORS. BOND AND GROUND ALL RAILS AND TOEBOARDS PER SPECIFICATIONS.

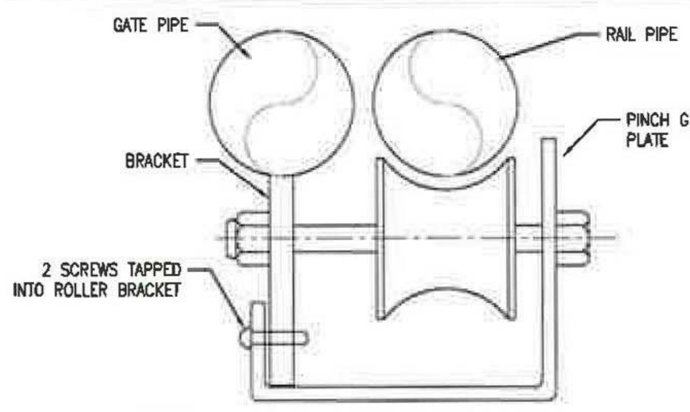
CONTRACT NO.
FQ9194



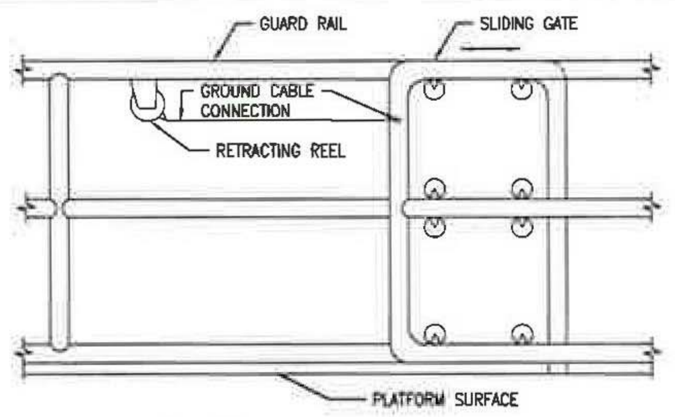
PLAN

SECTION A - A

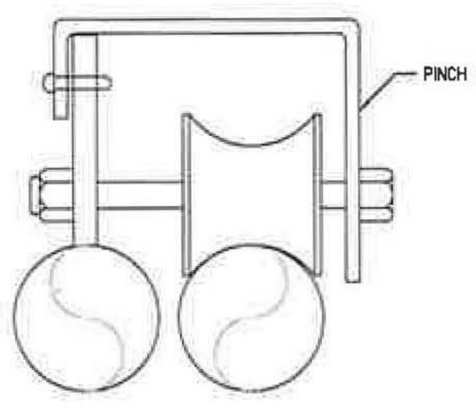
SLIDING GATE



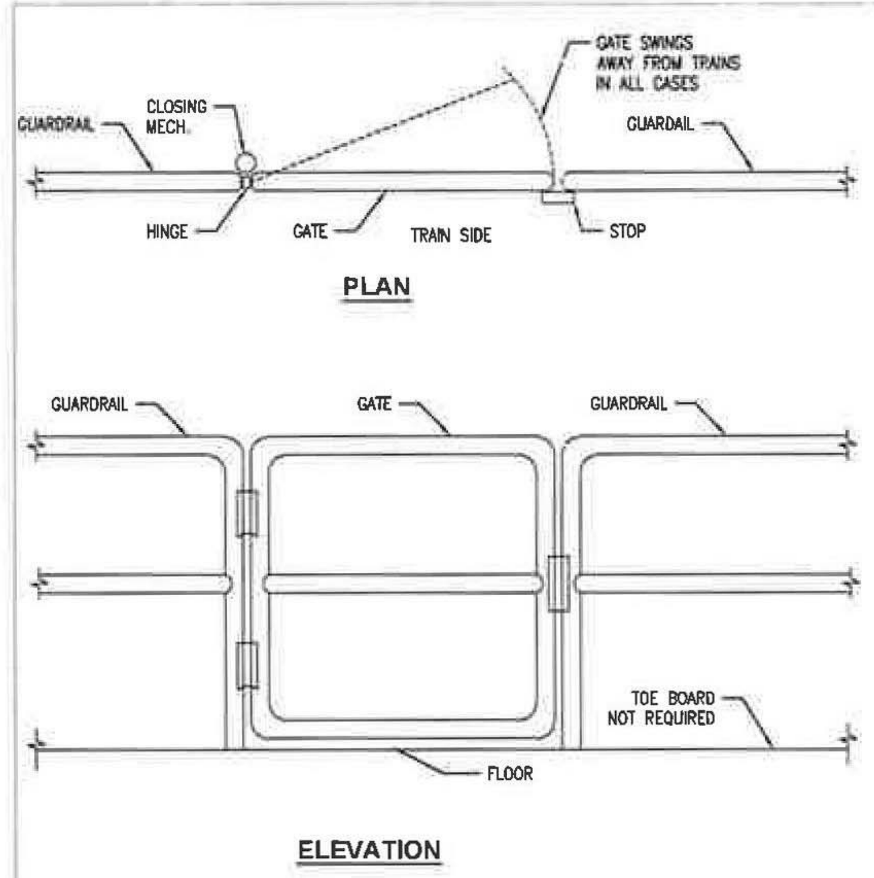
TOP ROLLER PINCH GUARD CONCEPT



GATE GROUNDING MECHANISM



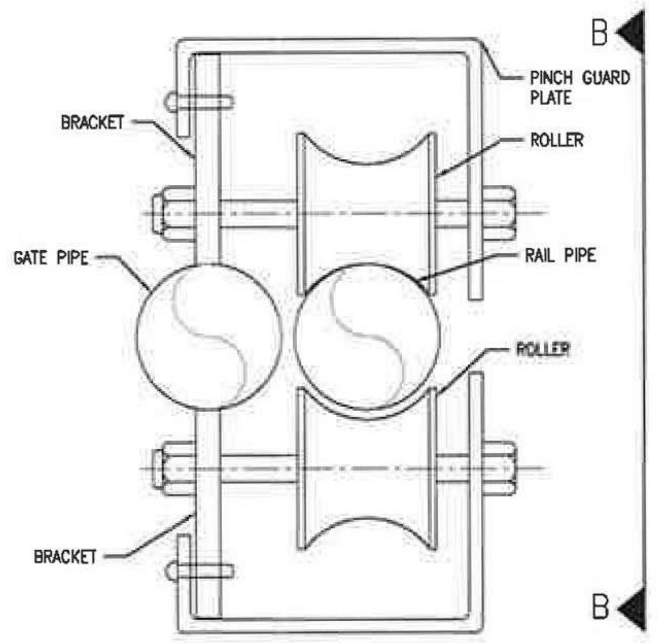
BOTTOM RAIL PINCH GUARD CONCEPT



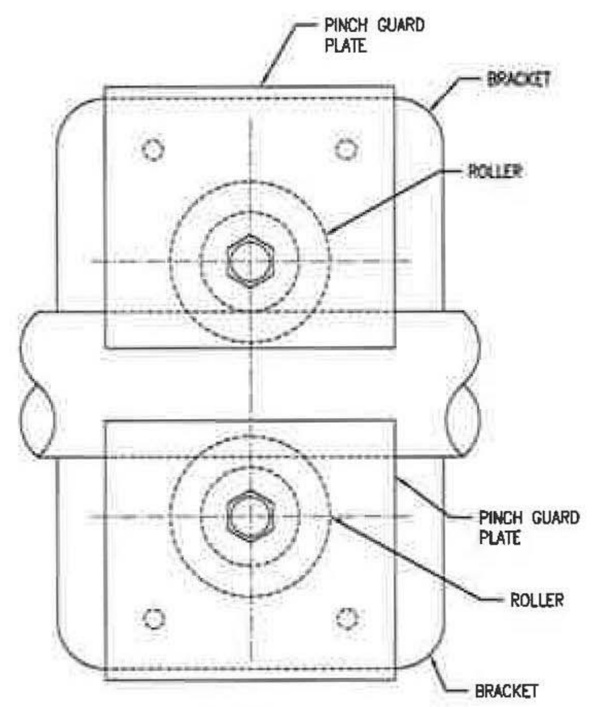
PLAN

ELEVATION

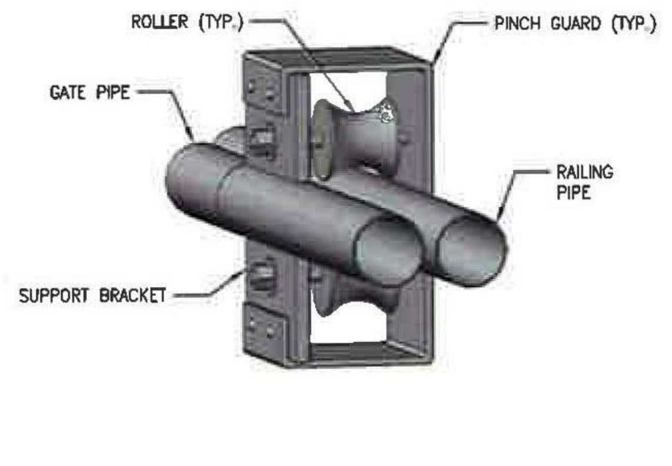
SWING GATE



SLIDING GATE DETAIL



VIEW B-B



SLIDING GATE DETAIL ISOMETRIC VIEW

CONTRACT NO.
FQ9194

2/16/2017 5:17:24 PM

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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39D-02-16
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RAIL YARD AND MAINTENANCE FACILITY
SIB - SLIDING GATE DETAILS
SCALE:
DRAWING NO.: N99-SIB-A-522

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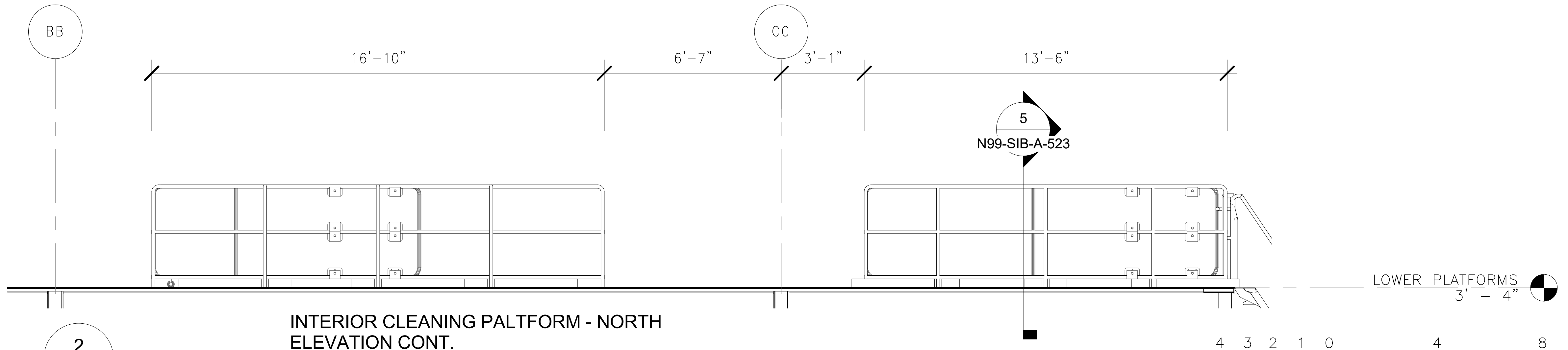
1
N99-SIB-A-523
N99-SIB-A-120

INTERIOR CLEANING PLATFORM - NORTH ELEVATION
1/4" = 1'-0"

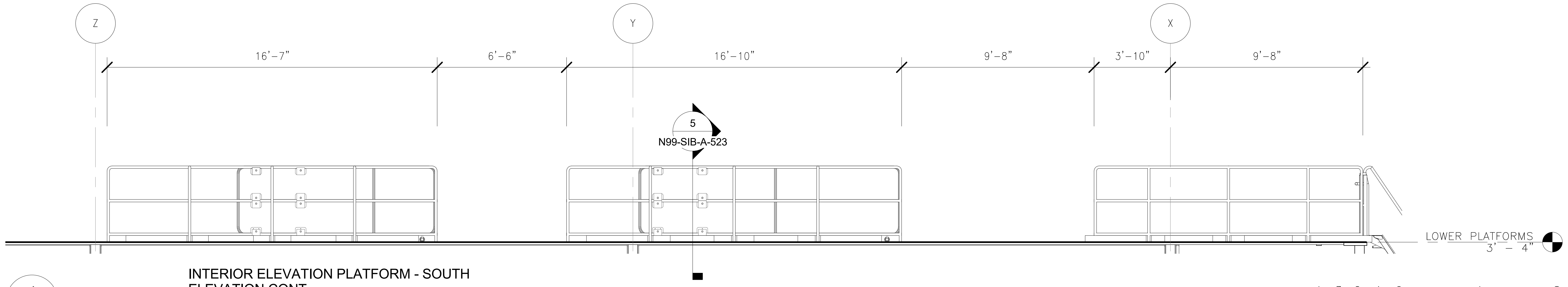


2
N99-SIB-A-523
N99-SIB-A-120

INTERIOR CLEANING PALTFORM - NORTH ELEVATION CONT.
1/4" = 1'-0"

3
N99-SIB-A-523
N99-SIB-A-120

INTERIOR CLEANING PLATFORM - SOUTH ELEVATION
1/4" = 1'-0"



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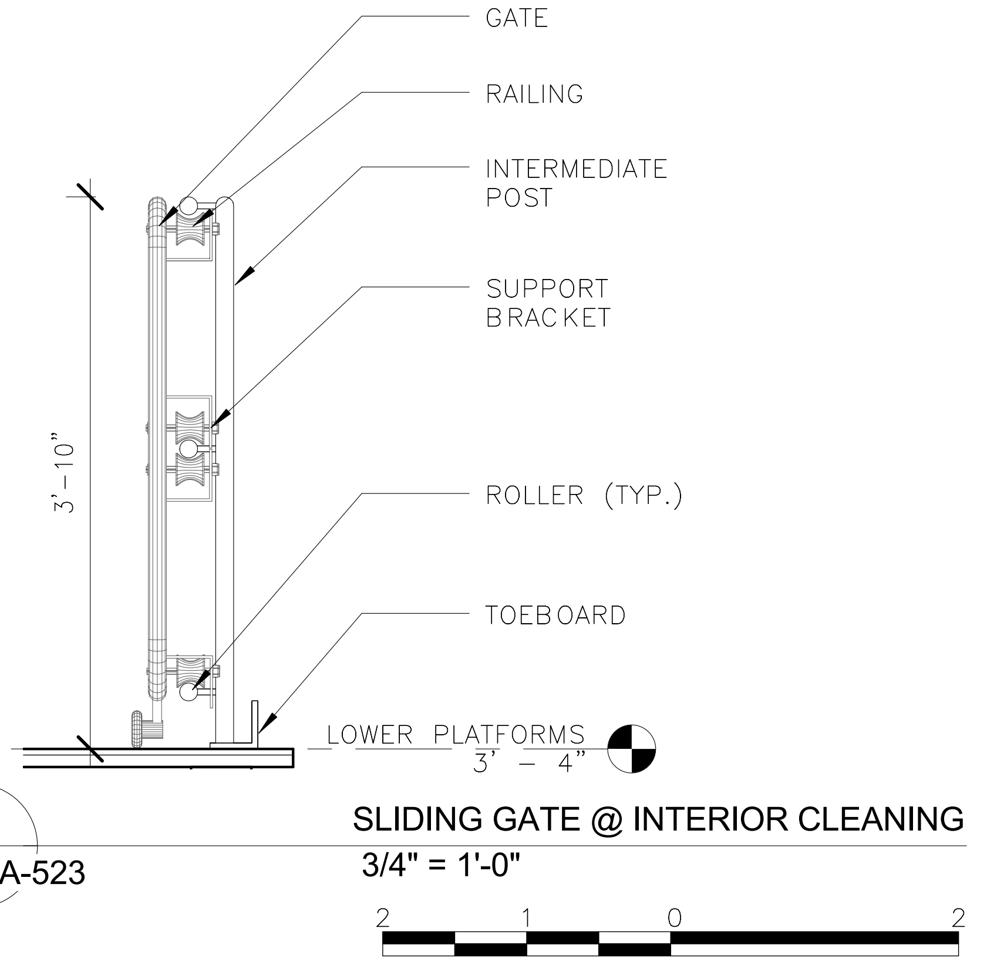
N99-SIB-A-523
N99-SIB-A-120

INTERIOR ELEVATION PLATFORM - SOUTH ELEVATION CONT.
1/4" = 1'-0"



5
N99-SIB-A-523

SLIDING GATE @ INTERIOR CLEANING
3/4" = 1'-0"

ORIGINATORS	
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CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - MISCELLANEOUS DETAILS
SCALE:
DRAWING NO.: N99-SIB-A-523

2/16/2017 5:17:32 PM

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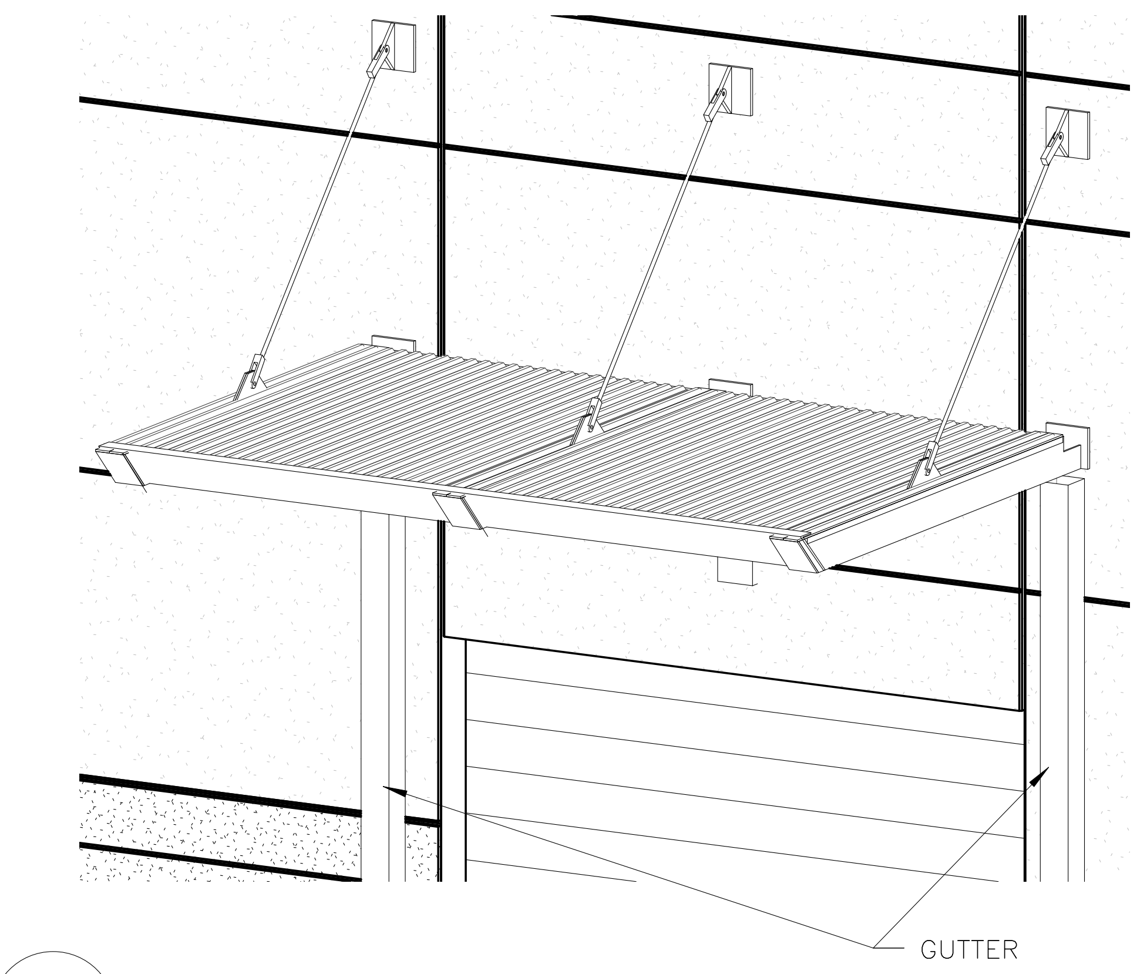
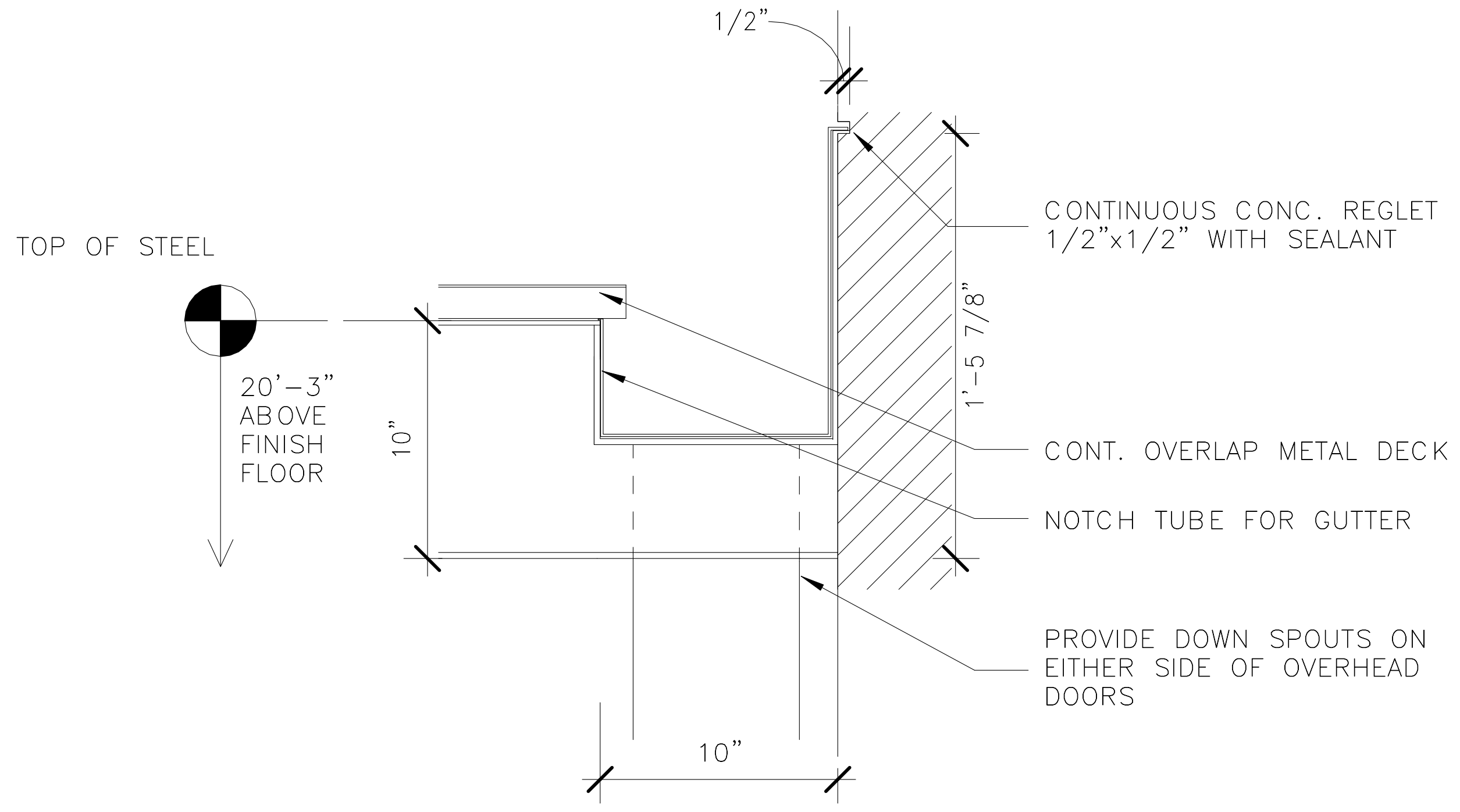
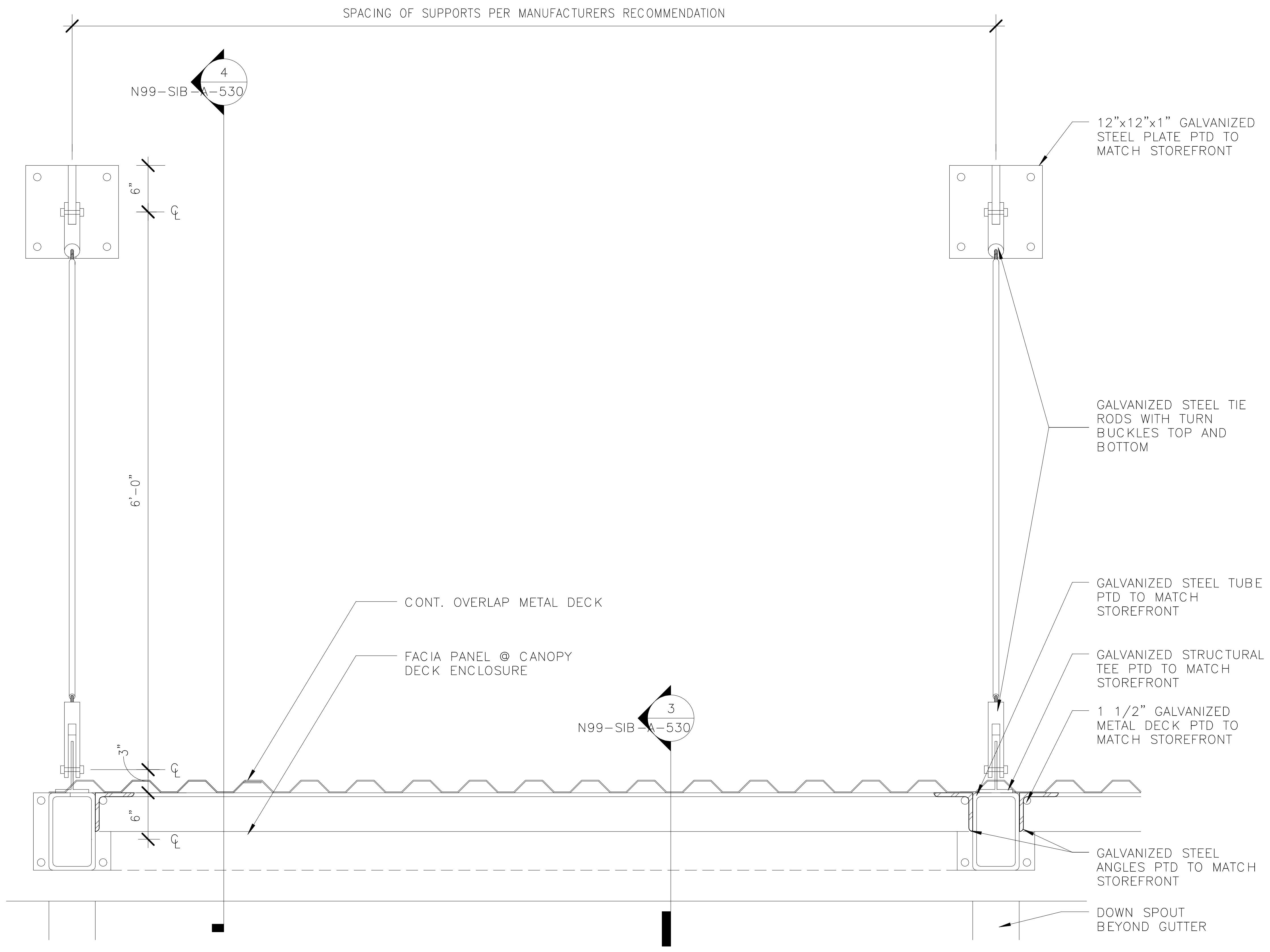


1
N99-SIB-A-530
CANOPY - PERSPECTIVE
NTS



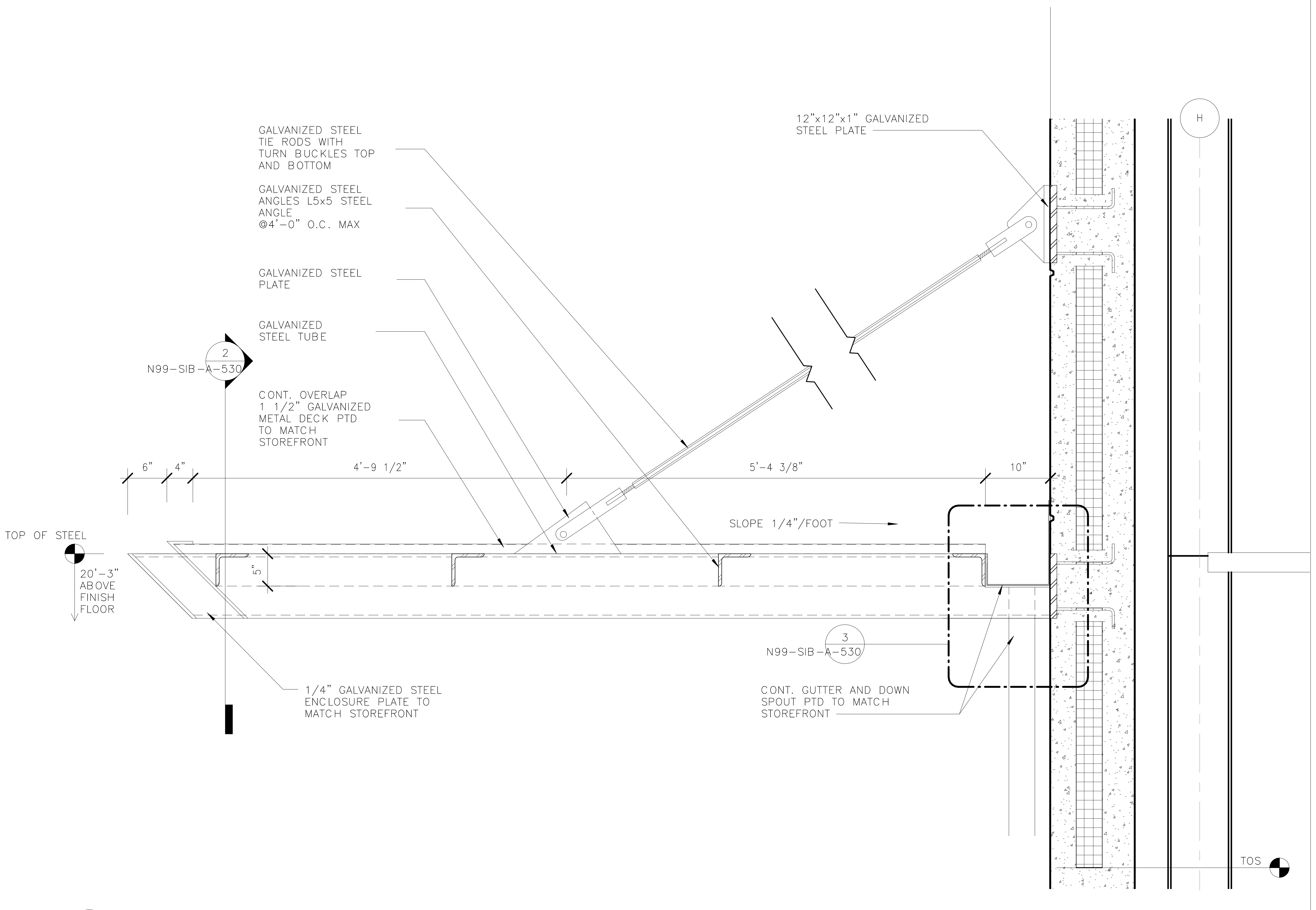
3
N99-SIB-A-530
CANOPY - SECTION THRU GUTTER TO SCUPPERS1
1 1/2" = 1'-0"

1 0 1



2
N99-SIB-A-530
CANOPY - SECTION BEAM TO BEAM
1" = 1'-0"

1 1/2 0 1 2



4
N99-SIB-A-530
N99-SIB-A-141
CANOPY - SECTION @ WALL
1" = 1'-0"

1 1/2 0 1 2

2/16/2017 5:17:48 PM

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155
ARCHITECT

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

M metro WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - CANOPY DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-530

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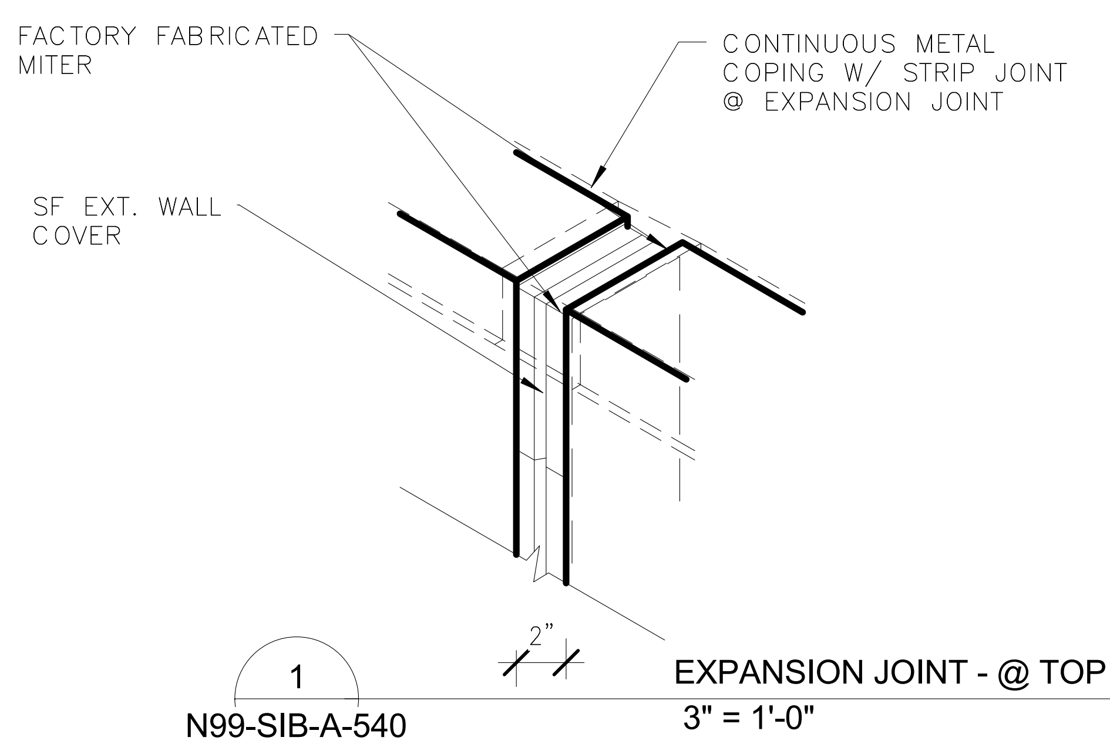
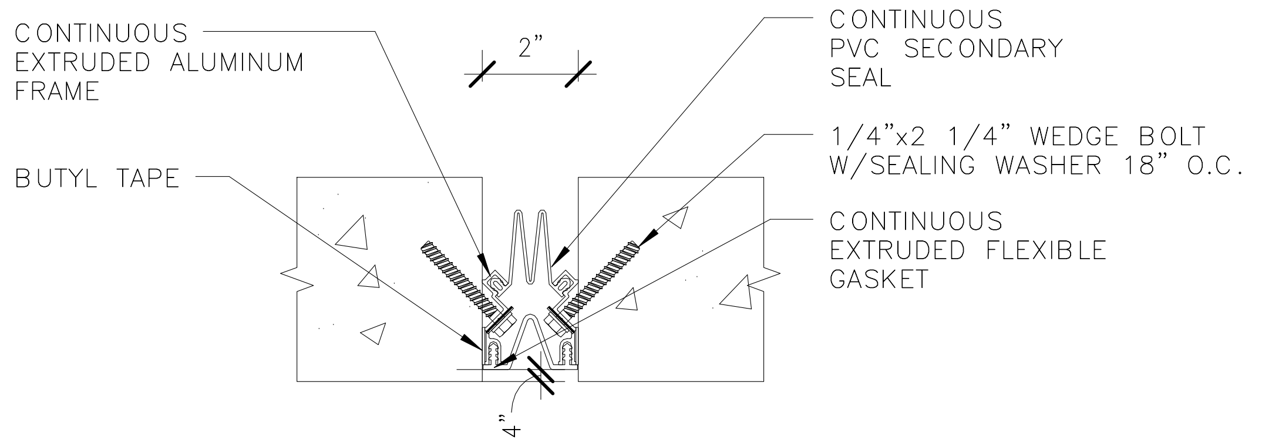


1
N99-SIB-A-540
N99-SIB-A-201
N99-SIB-A-202

EXPANSION JOINT - @ TOP OF PARAPET

3" = 1'-0"

6 4 2 0 6

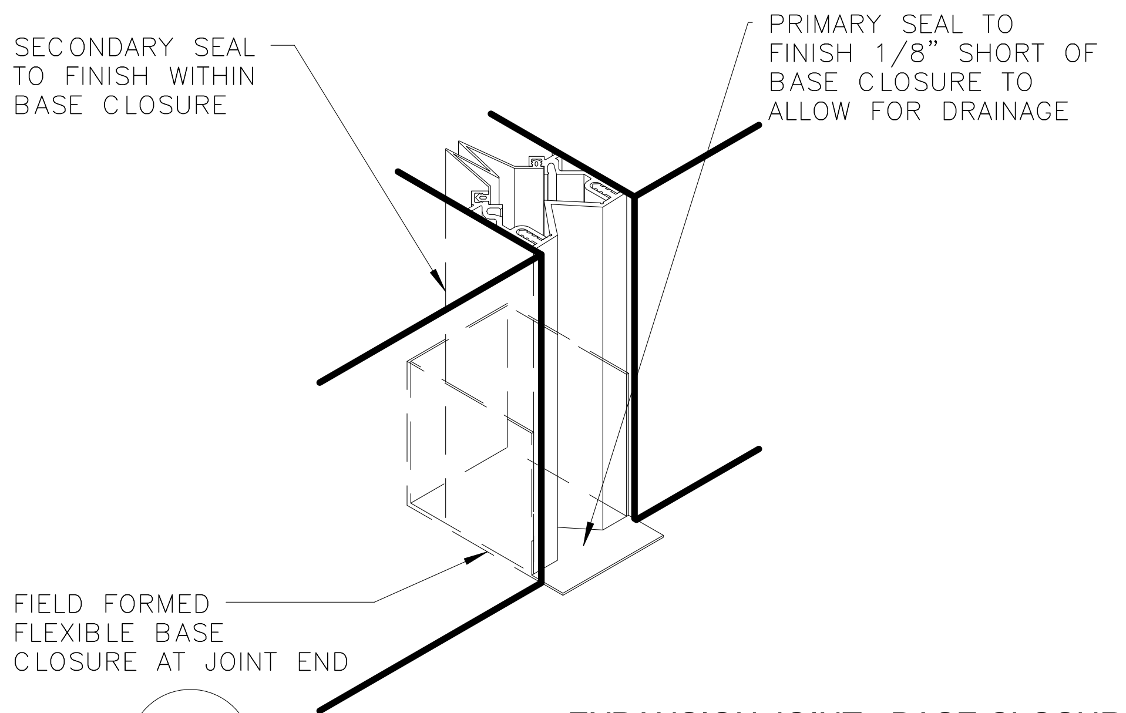


2
N99-SIB-A-540
N99-SIB-A-142
N99-SIB-A-143
N99-SIB-A-149

EXPANSION JOINT @Q

3" = 1'-0"

6 4 2 0 6



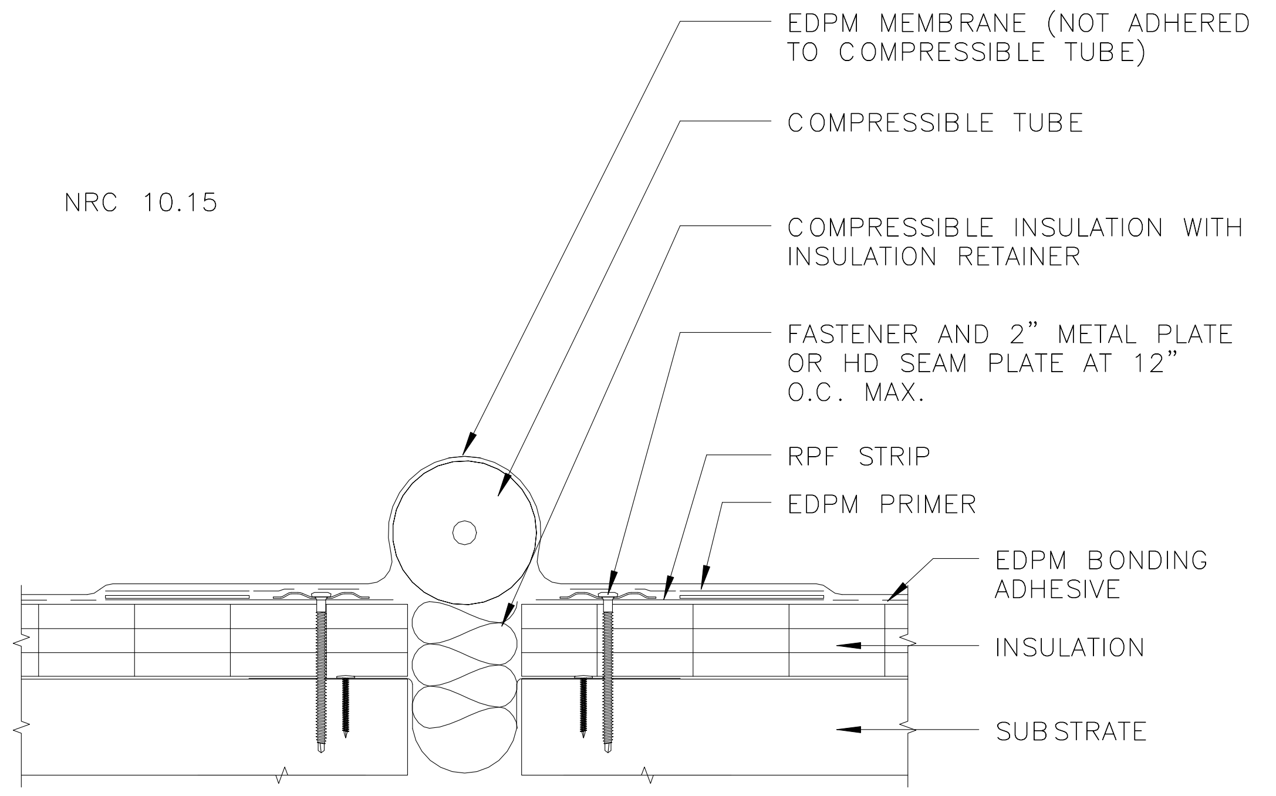
3
N99-SIB-A-540
N99-SIB-A-201
N99-SIB-A-202

EXPANSION JOINT - BASE CLOSURE

3" = 1'-0"

6 4 2 0 6

NRC 10.15



4
N99-SIB-A-540
N99-SIB-A-142
N99-SIB-A-143
N99-SIB-A-146
N99-SIB-A-149

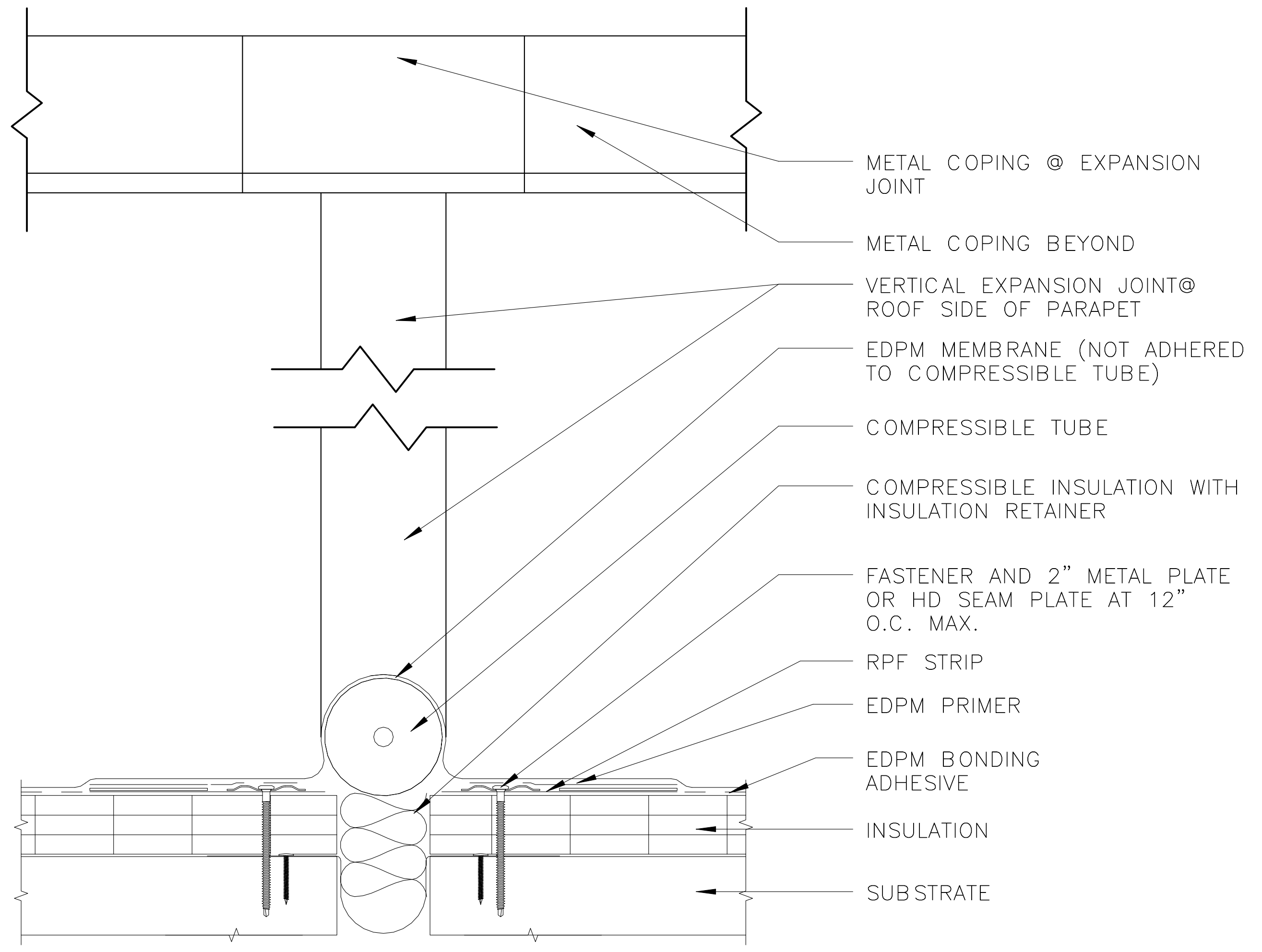
EXPANSION JOINT @ ROOF

3" = 1'-0"

6 4 2 0 6

NOTES:

1. COMPRESSIBLE TUBE DIAMETER MUST EXCEED THE DECK OPENING BY 50% MIN. OR DESIGNED MOVEMENT (WHICHEVER IS GREATER).
2. BATTEN STRIP MAY BE USED IN LIEU OF METAL PLATES FOR MAS AND FULLY ADHERED SYSTEMS ONLY.
3. BONDING ADHESIVE REQUIRED BETWEEN MEMBRANE AND INSULATION FOR FULLY ADHERED SYSTEMS ONLY.
4. MAXIMUM 6" LONG FASTENERS. (NOTE: WOOD BLOCKING MAY BE SUBSTITUTED FOR INSULATION TO REDUCE FASTENER LENGTH REQUIREMENT).

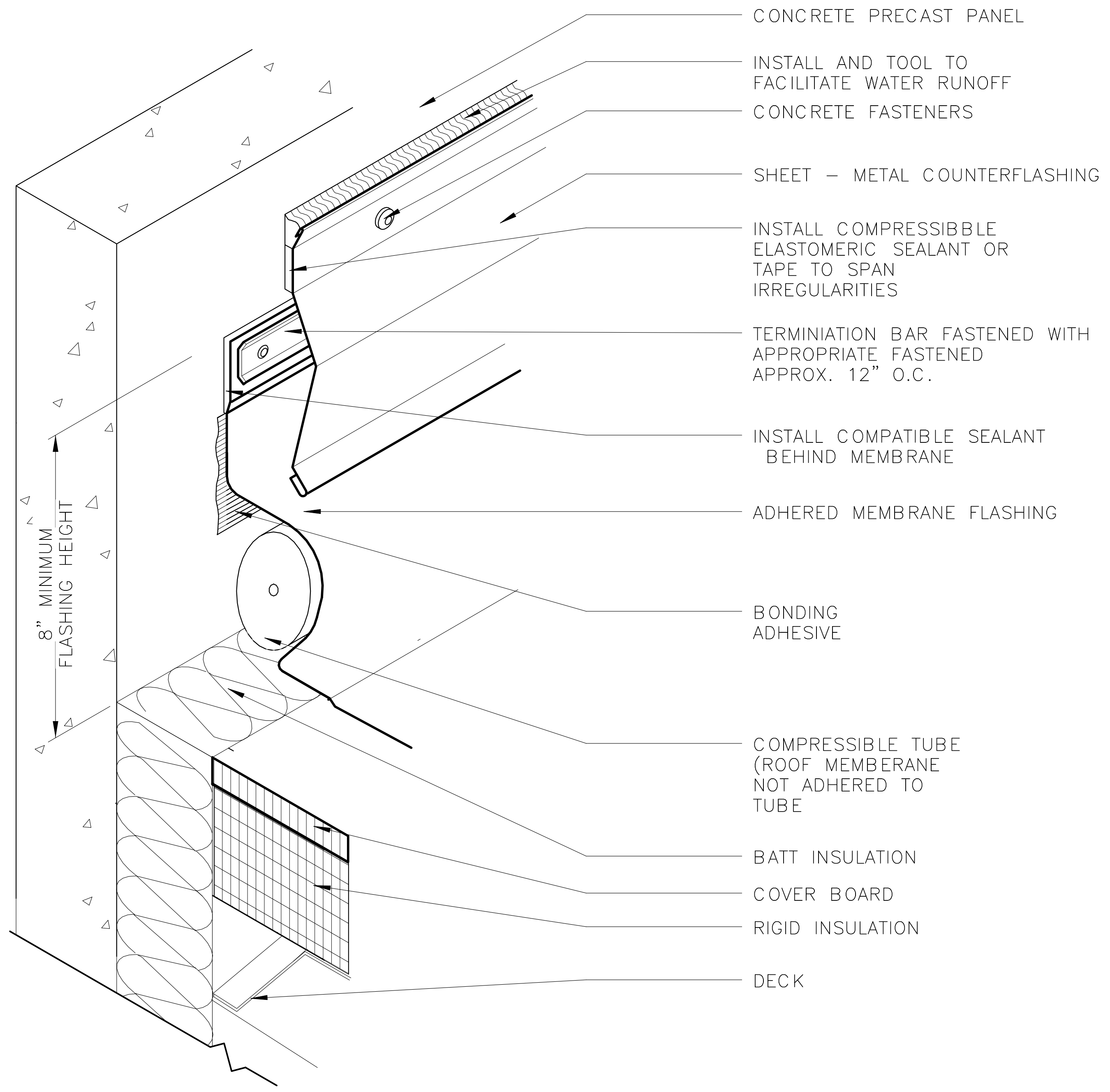


5
N99-SIB-A-540
N99-SIB-A-143

EXPANSION JOINT @ PARAPET & ROOF TRANSITION

3" = 1'-0"

6 4 2 0 6

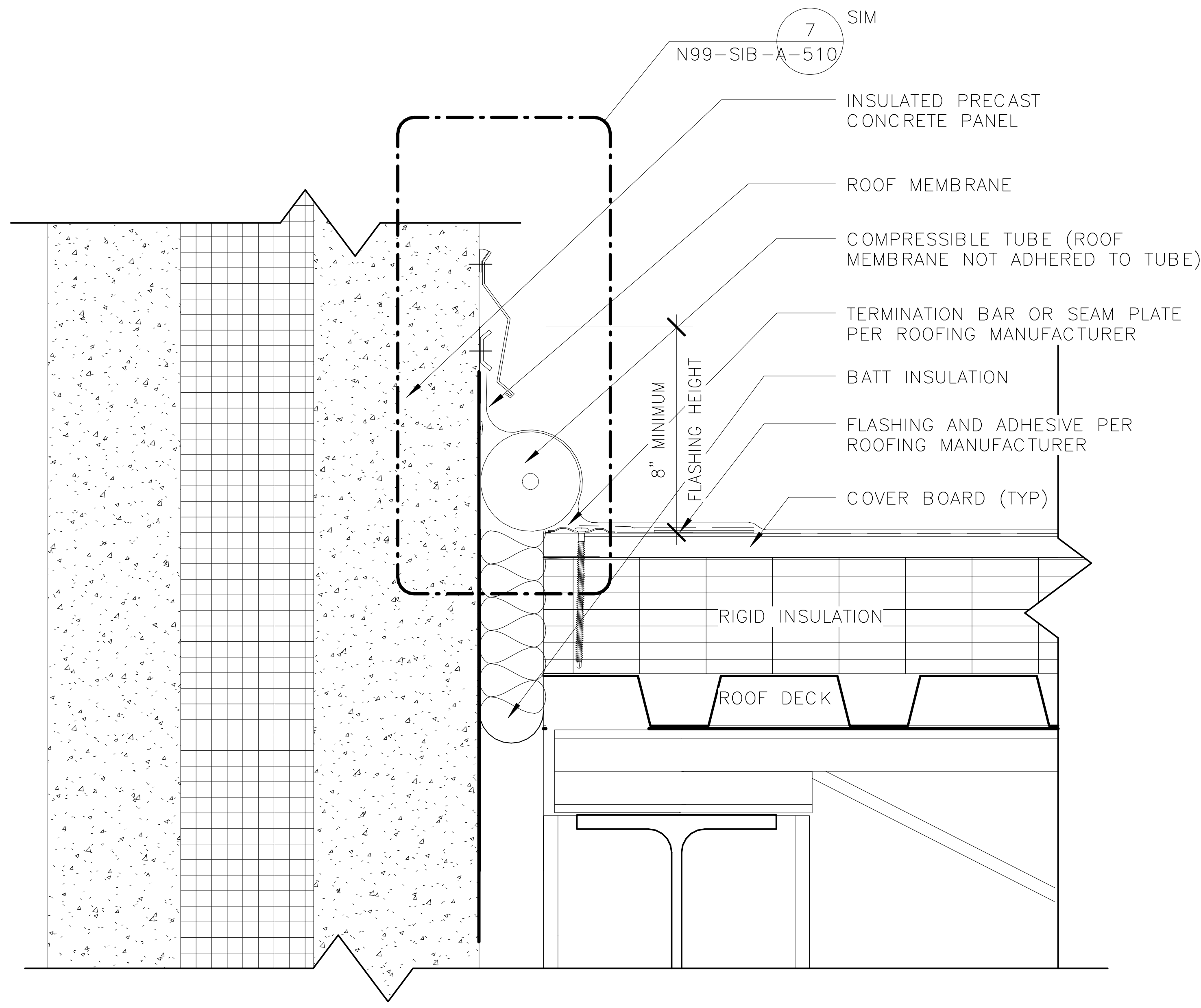


7
N99-SIB-A-540

EXPANSION JOINT @PRECAST PANEL

3" = 1'-0"

6 4 2 0 6



6
N99-SIB-A-540
N99-SIB-A-142

EXPANSION JOINT @ PRECAST PANEL

3" = 1'-0"

6 4 2 0 6

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
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APPROVED	DATE

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REVISIONS

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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

giuliani ASSOCIATES ARCHITECTS

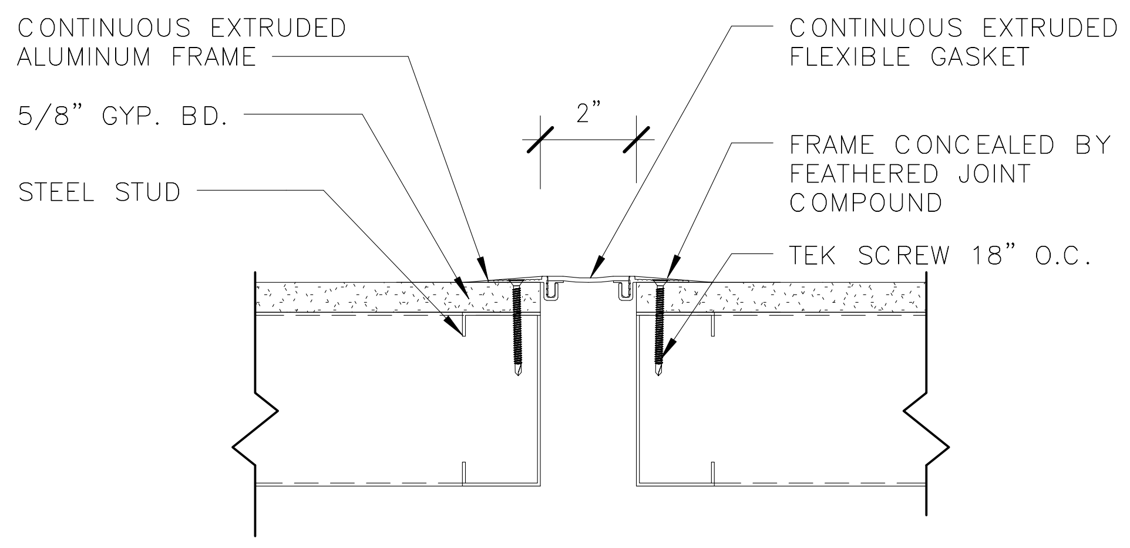
HENSEL PHELPS
Plan. Build. Manage.

metro
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

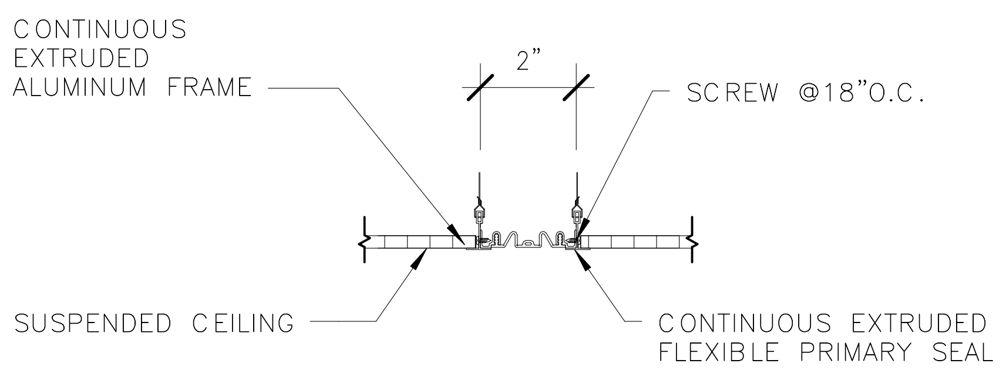
DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - EXPANSION JOINT EXTERIOR DETAILS		
SCALE: 3" = 1'-0"	DRAWING NO.: N99-SIB-A-540	

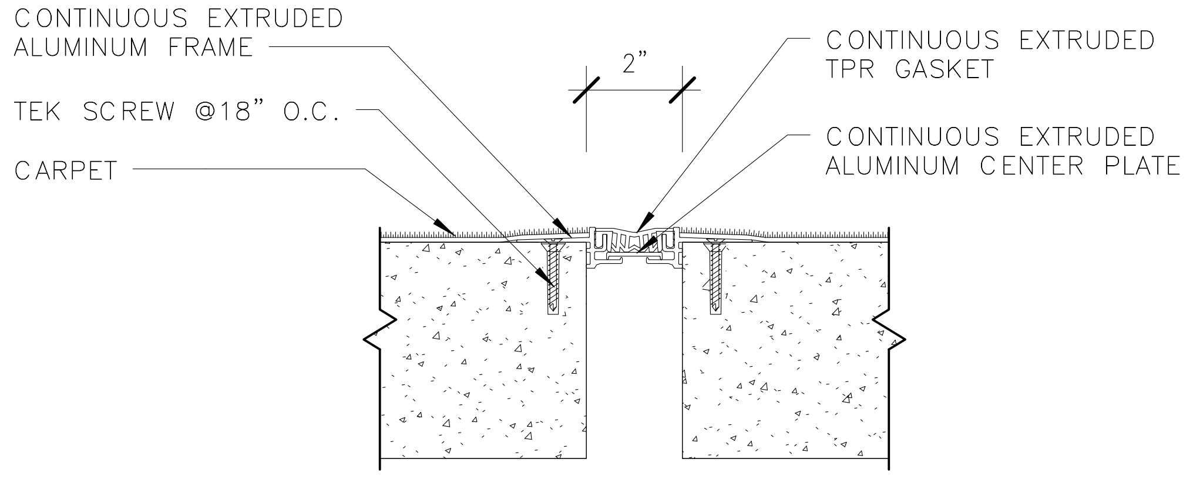
2/16/2017 5:17:53 PM



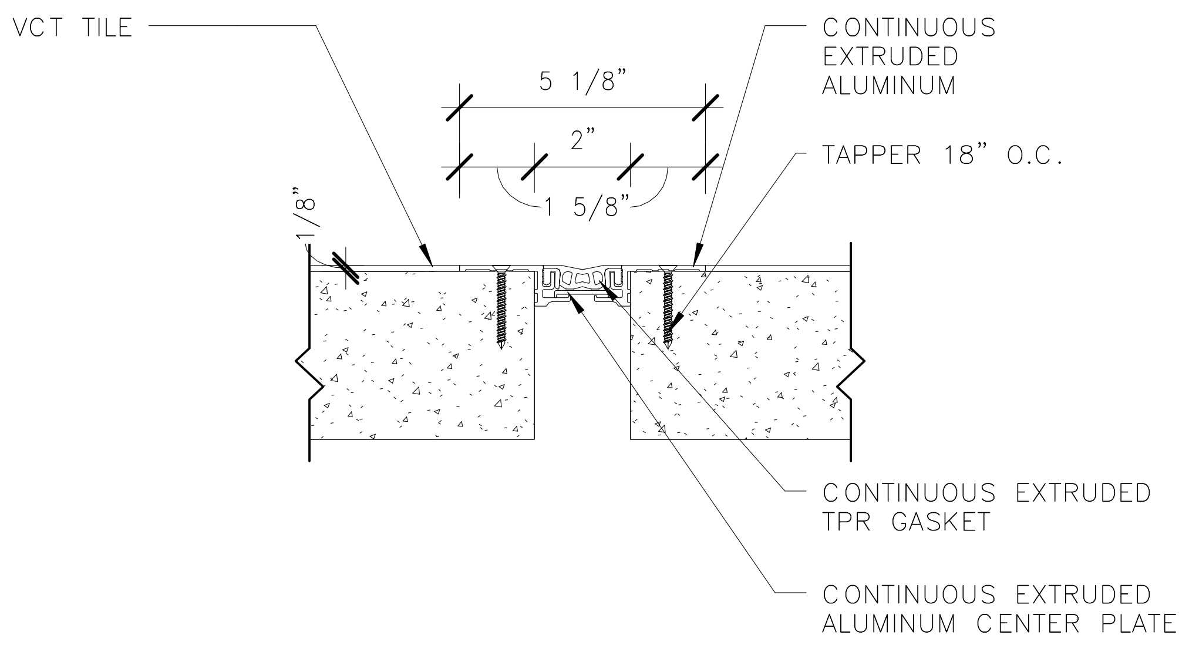
1
INTERIOR EXPANSION JOINT@GYP. WALL
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-133



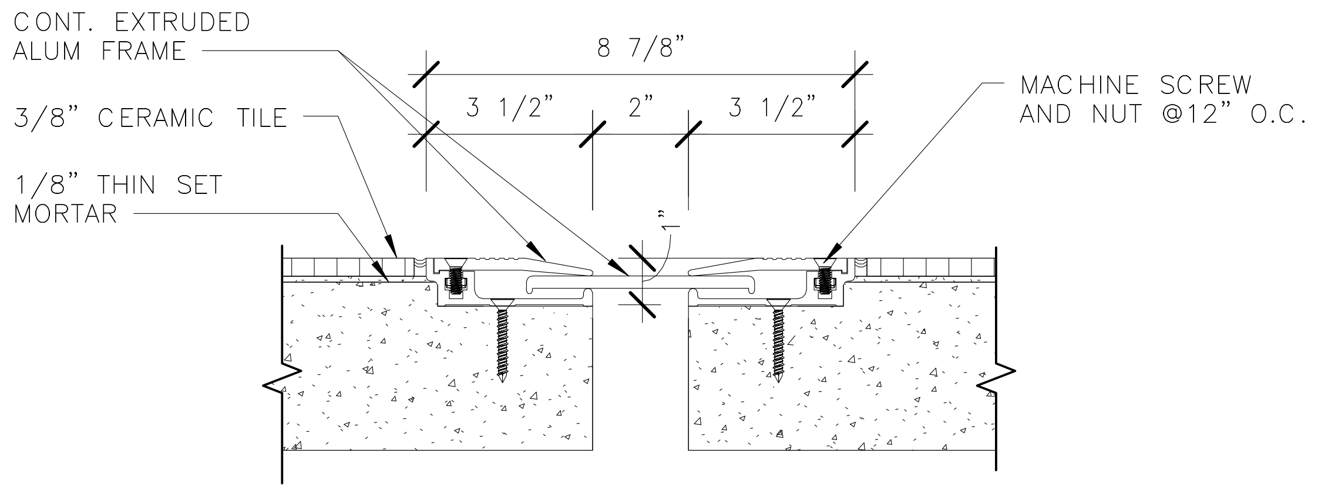
2
INTERIOR EXPANSION JOINT @CEILING
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-183



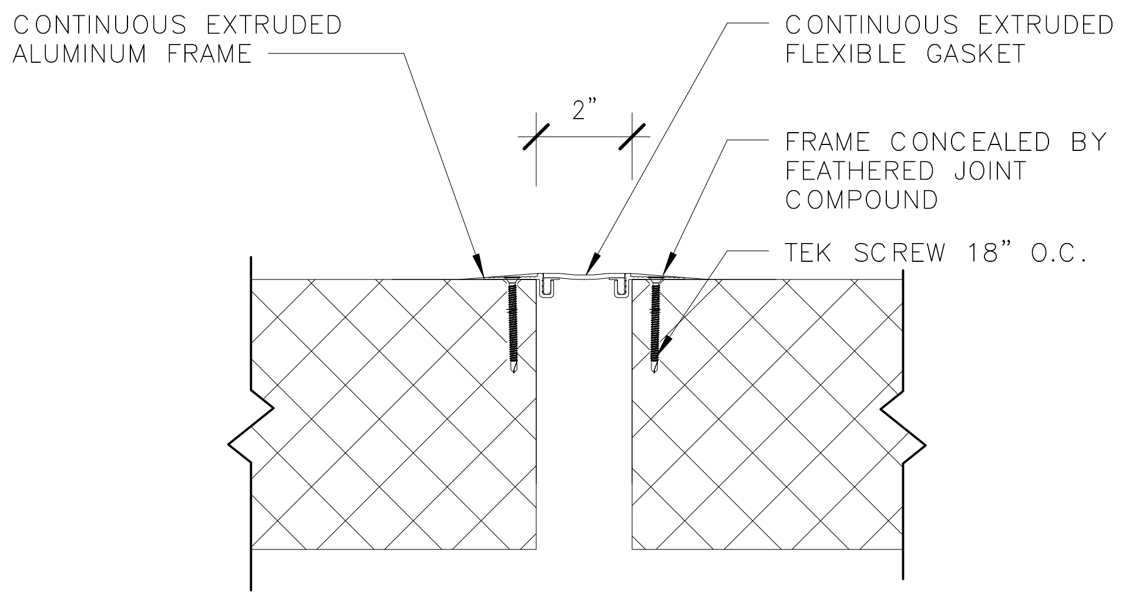
3
INTERIOR EXPANSION JOINT @CARPET
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-133



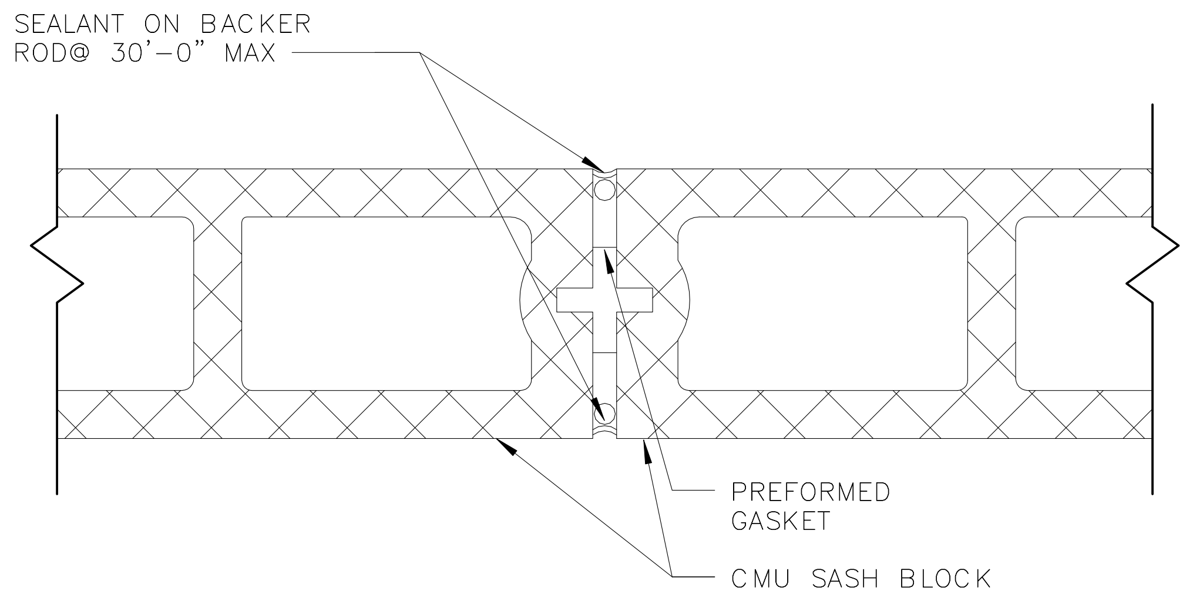
4
INTERIOR EXPANSION JOINT @ VCT
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-133
N99-SIB-A-422



5
INTERIOR EXPANSION JOINT@ CERAMIC TILE
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-133



6
INTERIOR EXPANSION JOINT @CMU
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-422



7
CONTROL JOINT @CMU WALL
3" = 1'-0"
N99-SIB-A-541
N99-SIB-A-113

ORIGINATORS	
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DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - EXPANSION JOINT INTERIOR DETAILS

SCALE: 3" = 1'-0"
DRAWING NO.: N99-SIB-A-541

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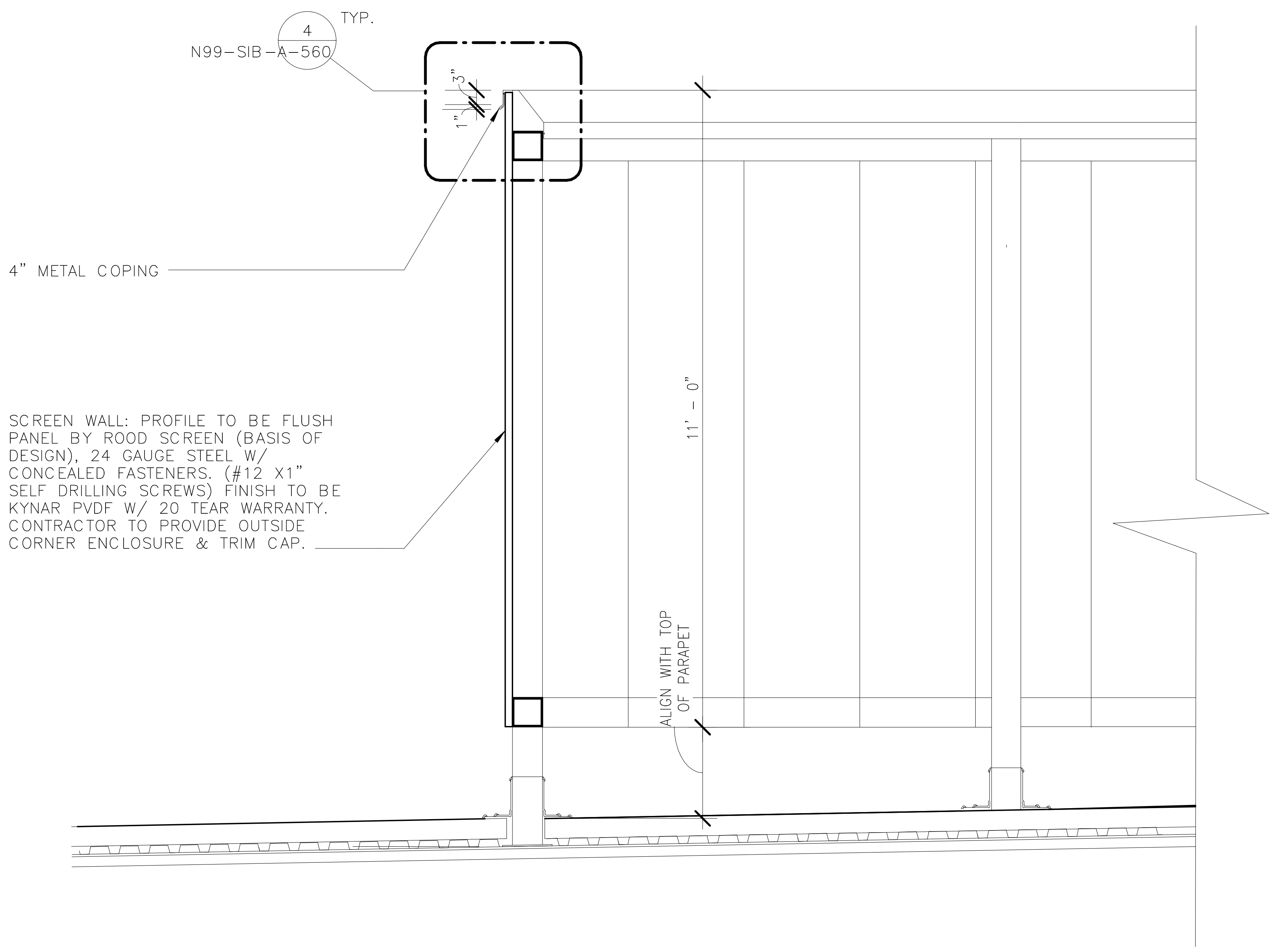
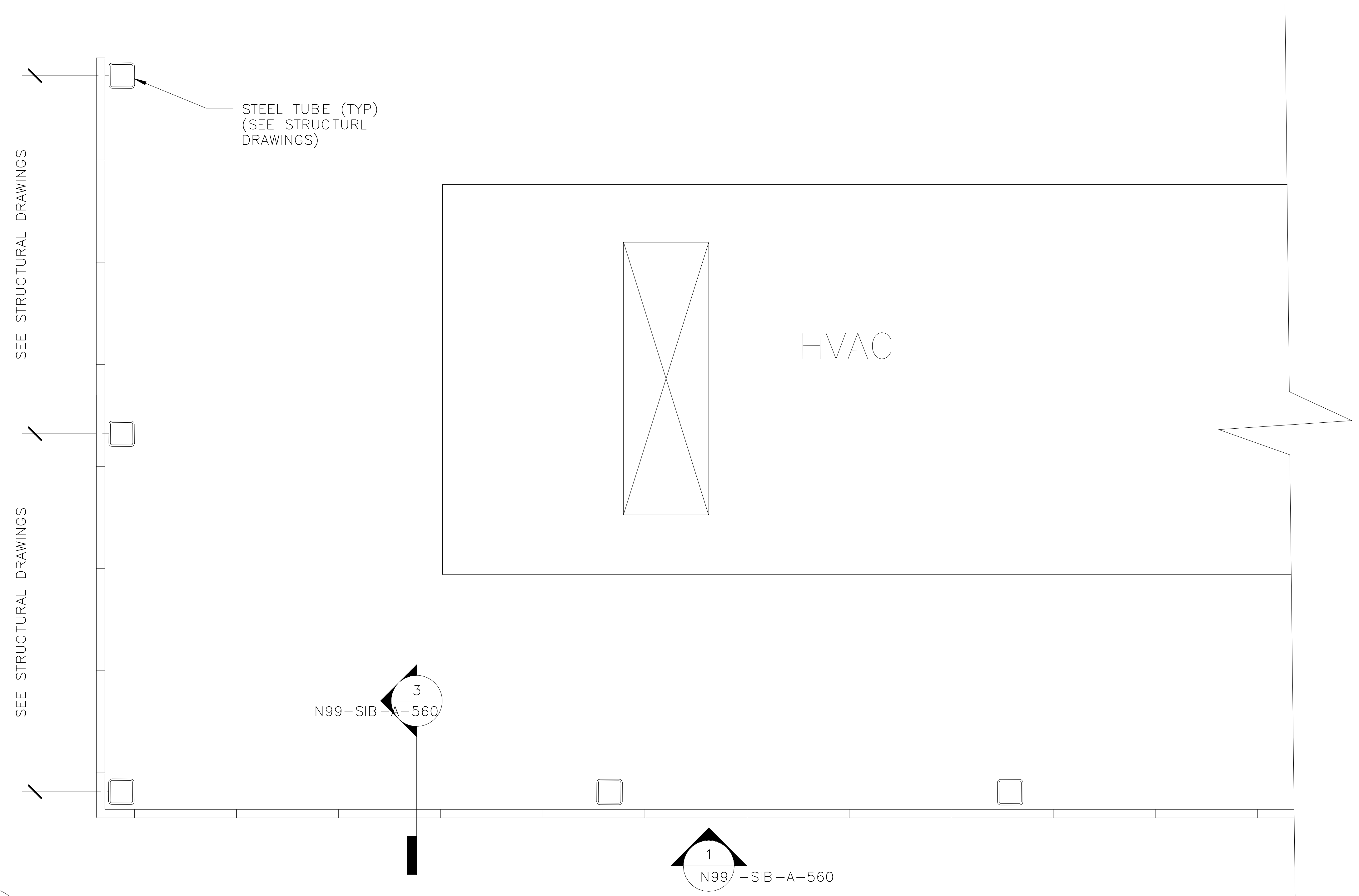


3
N99-SIB-A-560
N99-SIB-A-143
N99-SIB-A-144
N99-SIB-A-145
N99-SIB-A-302

SCREEN WALL - SECTION
1/2" = 1'-0"



2
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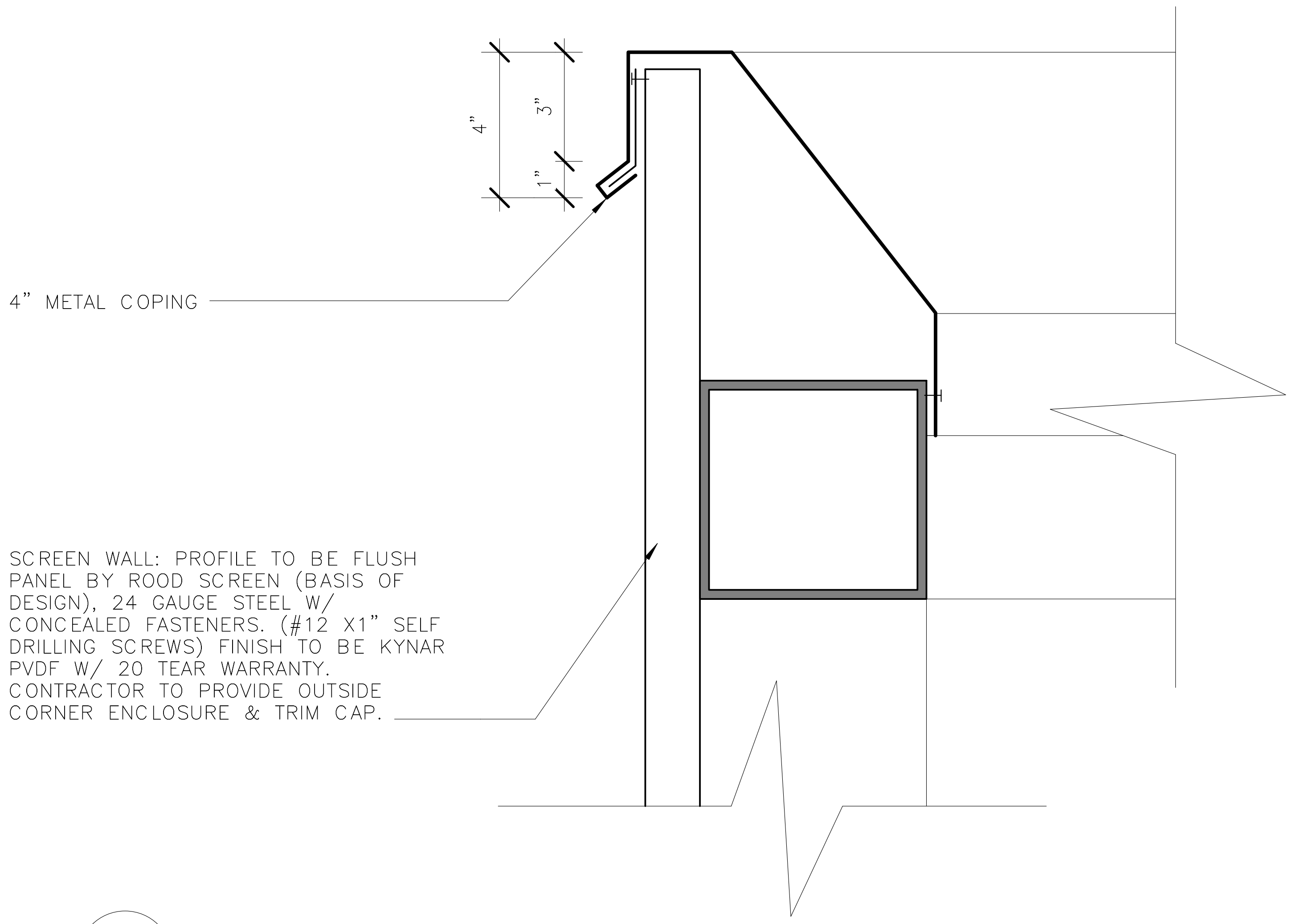
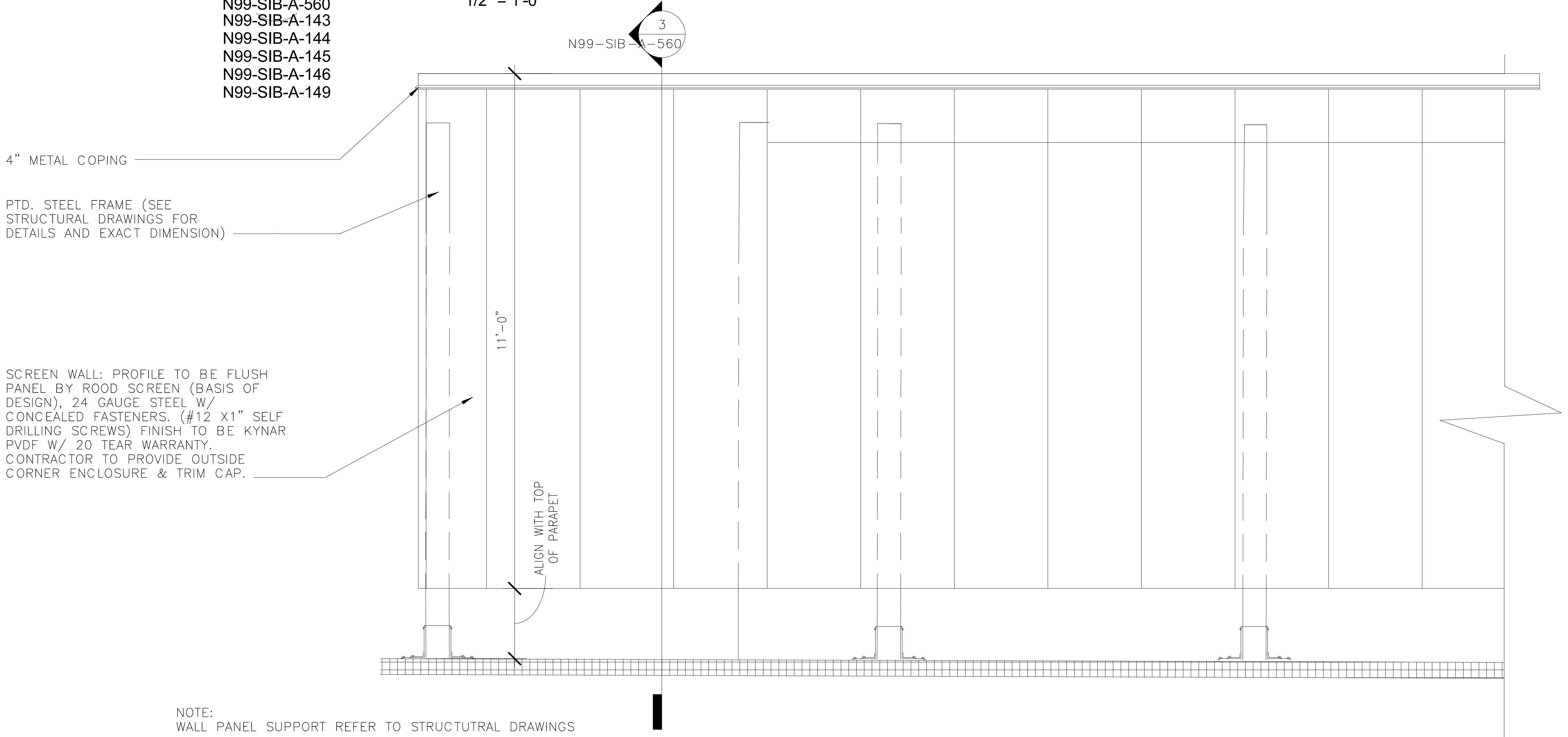
N99-SIB-A-143
N99-SIB-A-144
N99-SIB-A-145
N99-SIB-A-146
N99-SIB-A-149

SCREEN WALL PLAN
1/2" = 1'-0"



4
N99-SIB-A-560

SCREEN WALL @ METAL COPING
3" = 1'-0"



NOTE:
WALL PANEL SUPPORT REFER TO STRUCTUTRAL DRAWINGS

1
N99-SIB-A-560

SCREEN WALL - ELEVATION
1/2" = 1'-0"

2/16/2017 5:18:04 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
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M. GIULIANI	02/20/2017
APPROVED	DATE

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - SCREEN WALL DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-560

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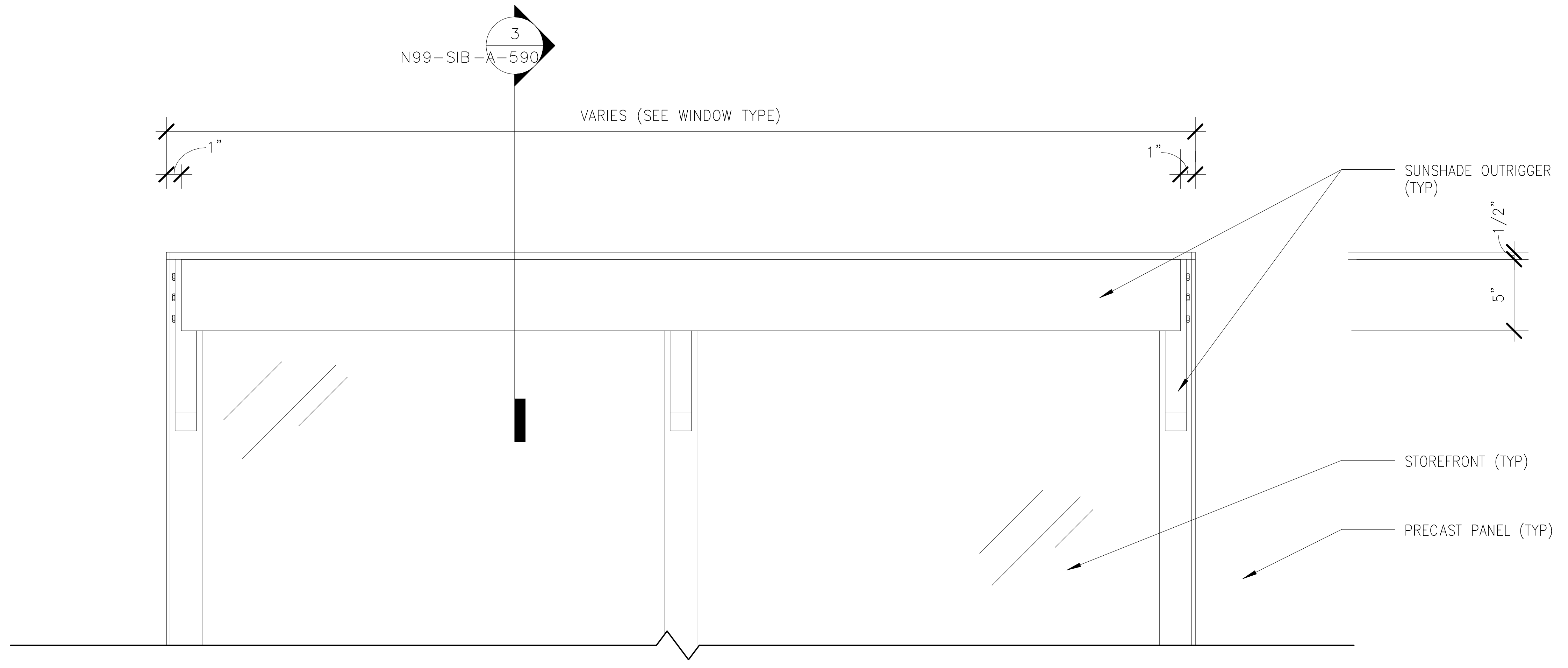
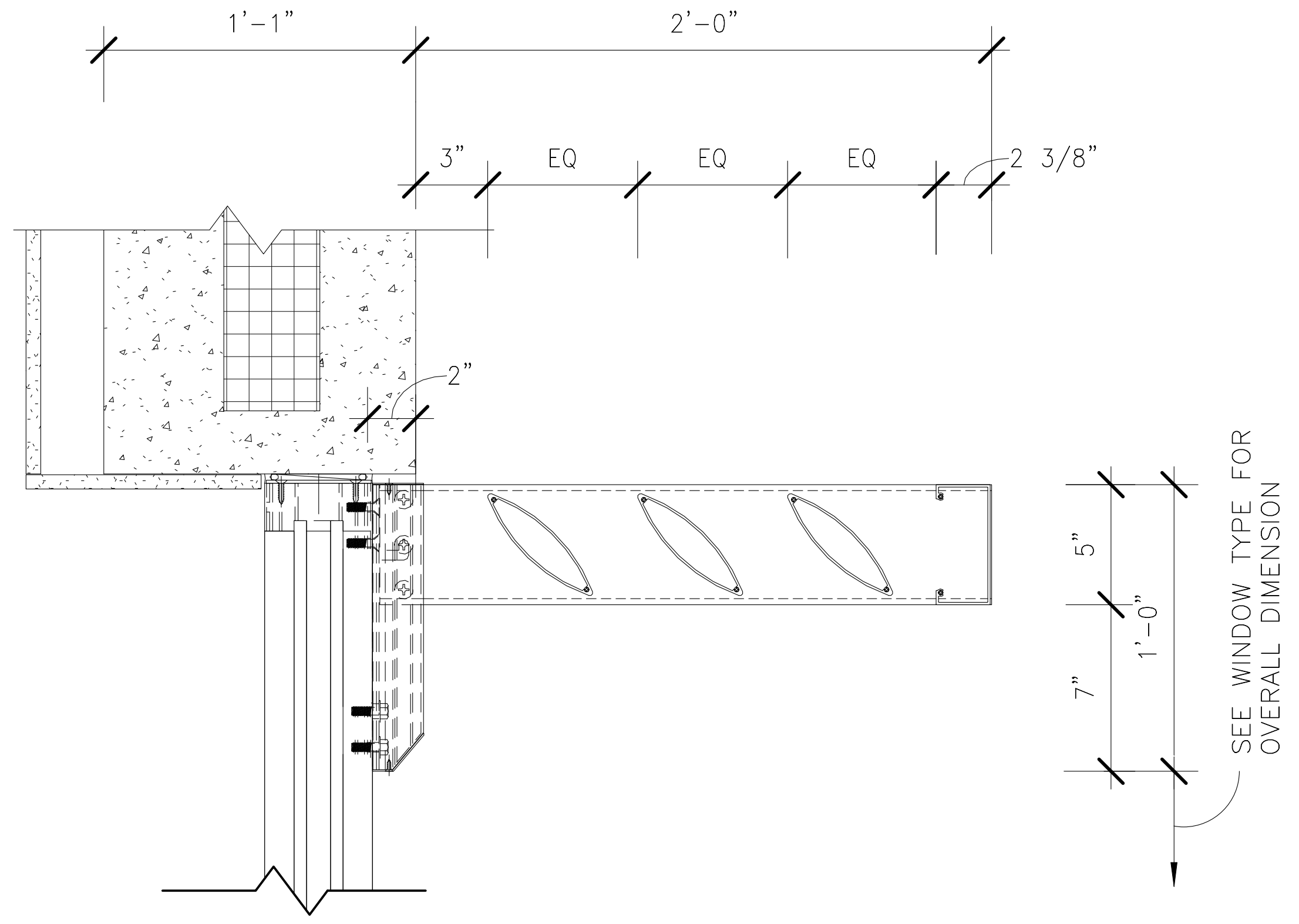
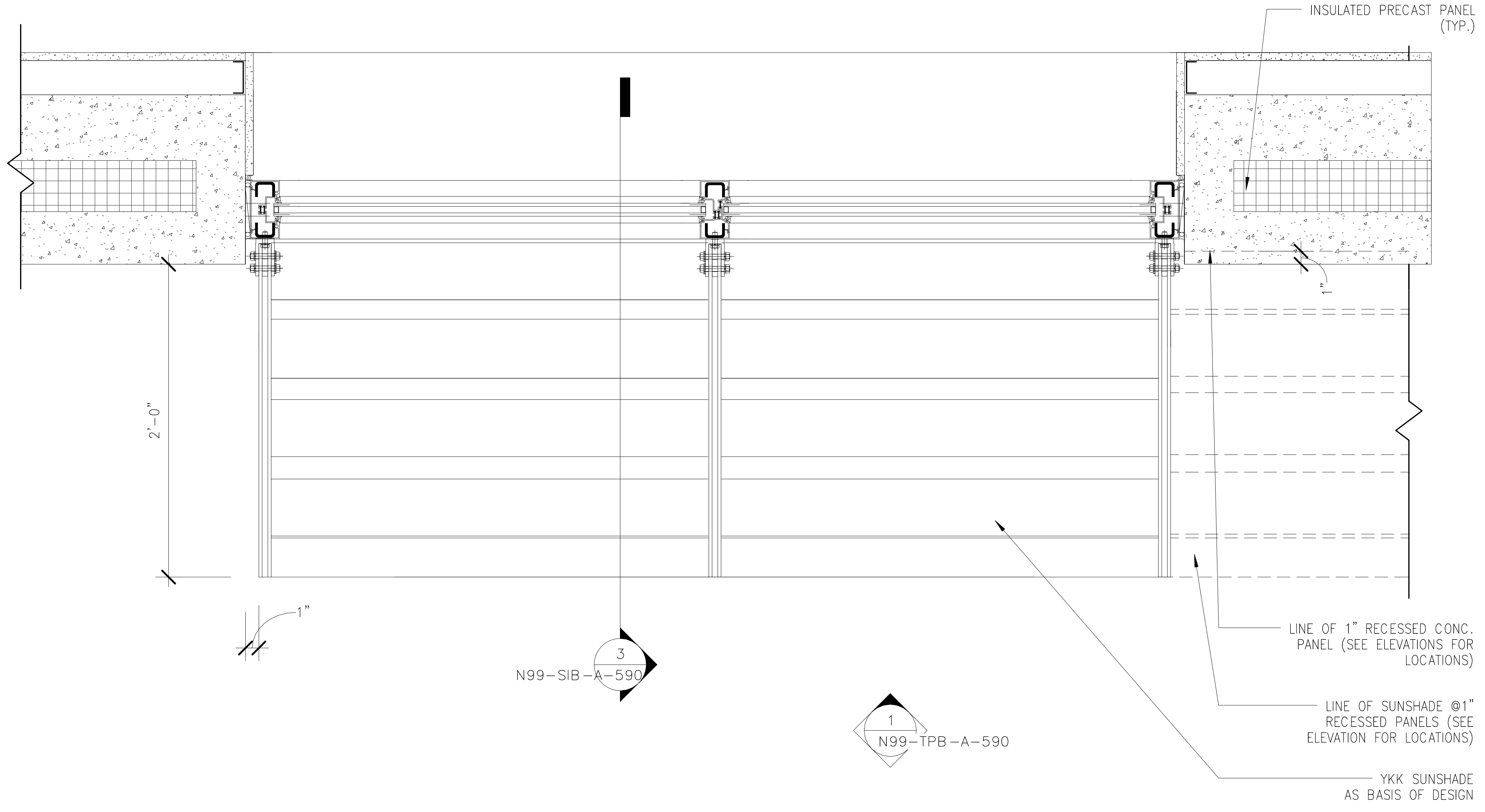


1 N99-SIB-A-590 SUNSHADE DETAIL - ELEVATION
1 1/2" = 1'-0"



3 N99-SIB-A-590 SUNSHADE DETAIL - SECTION
1 1/2" = 1'-0"



2 N99-SIB-A-590 N99-SIB-A-148 N99-SIB-A-149 SUNSHADE DETAIL - PLAN
1 1/2" = 1'-0"

2/16/2017 5:19:55 PM

ORIGINATORS

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APPROVED	DATE

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REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
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No. 011155

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DULLES CORRIDOR METRORAIL PROJECT

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39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - SUN SHADE DETAILS
SCALE: 1 1/2" = 1'-0"
DRAWING NO.: N99-SIB-A-590

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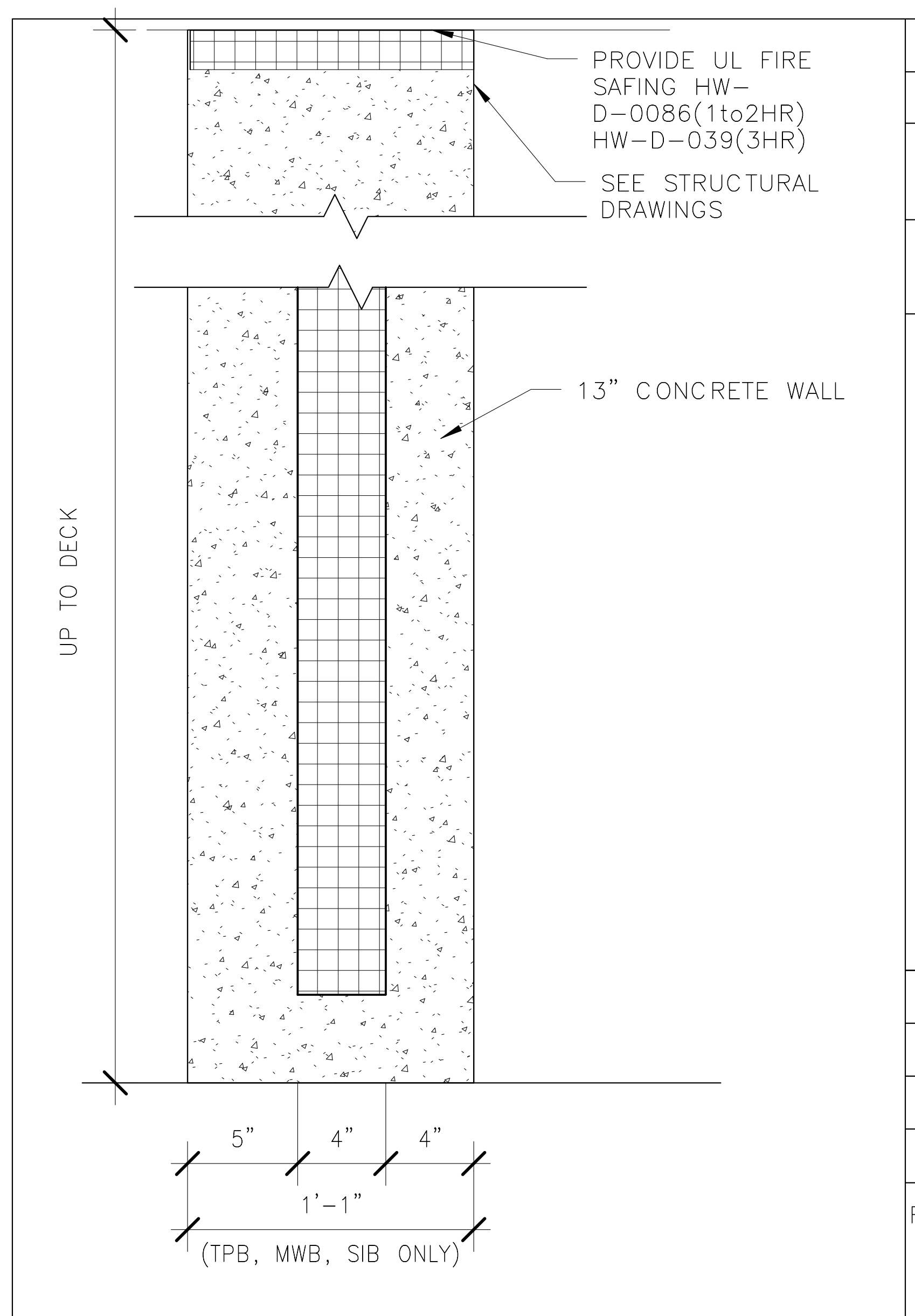
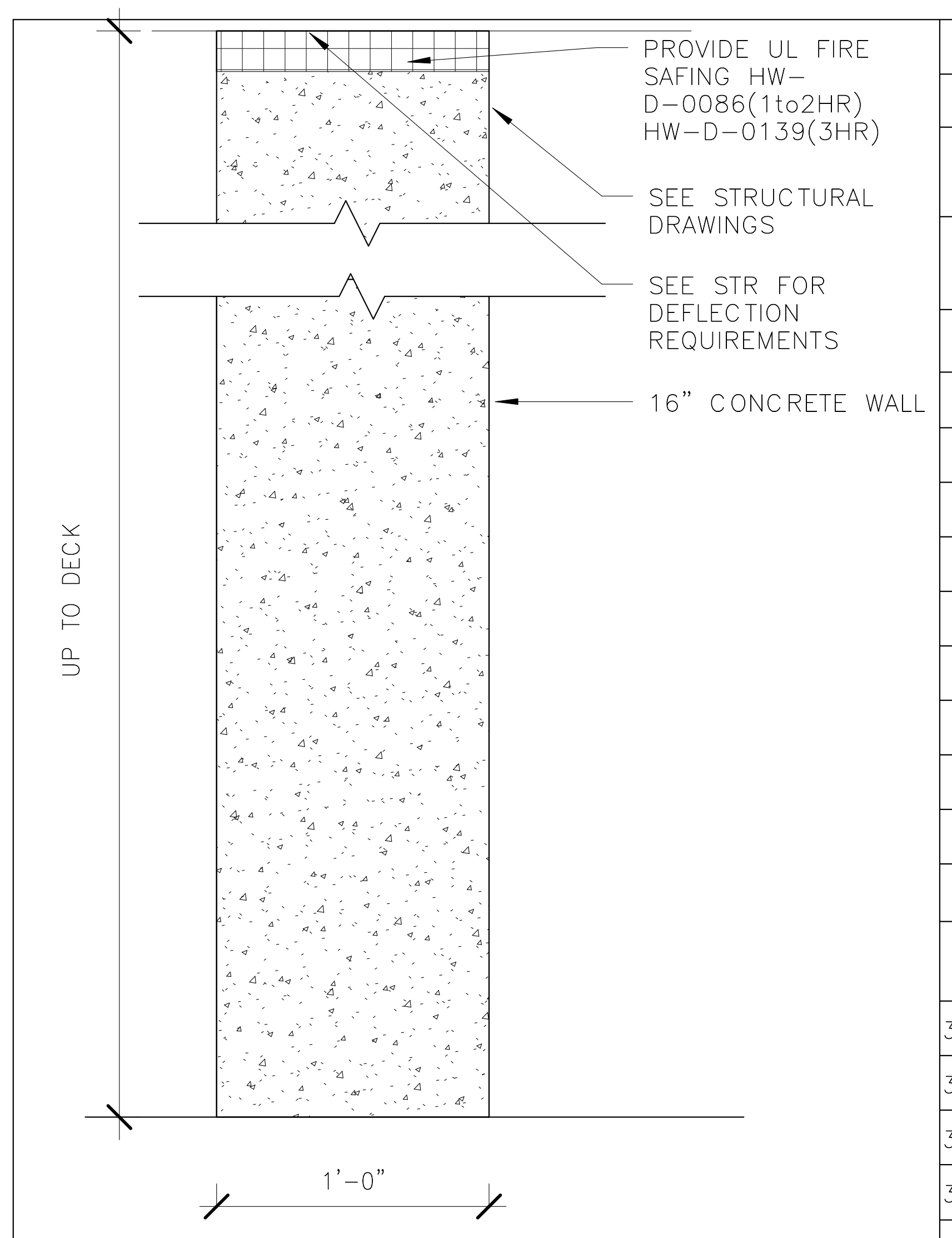


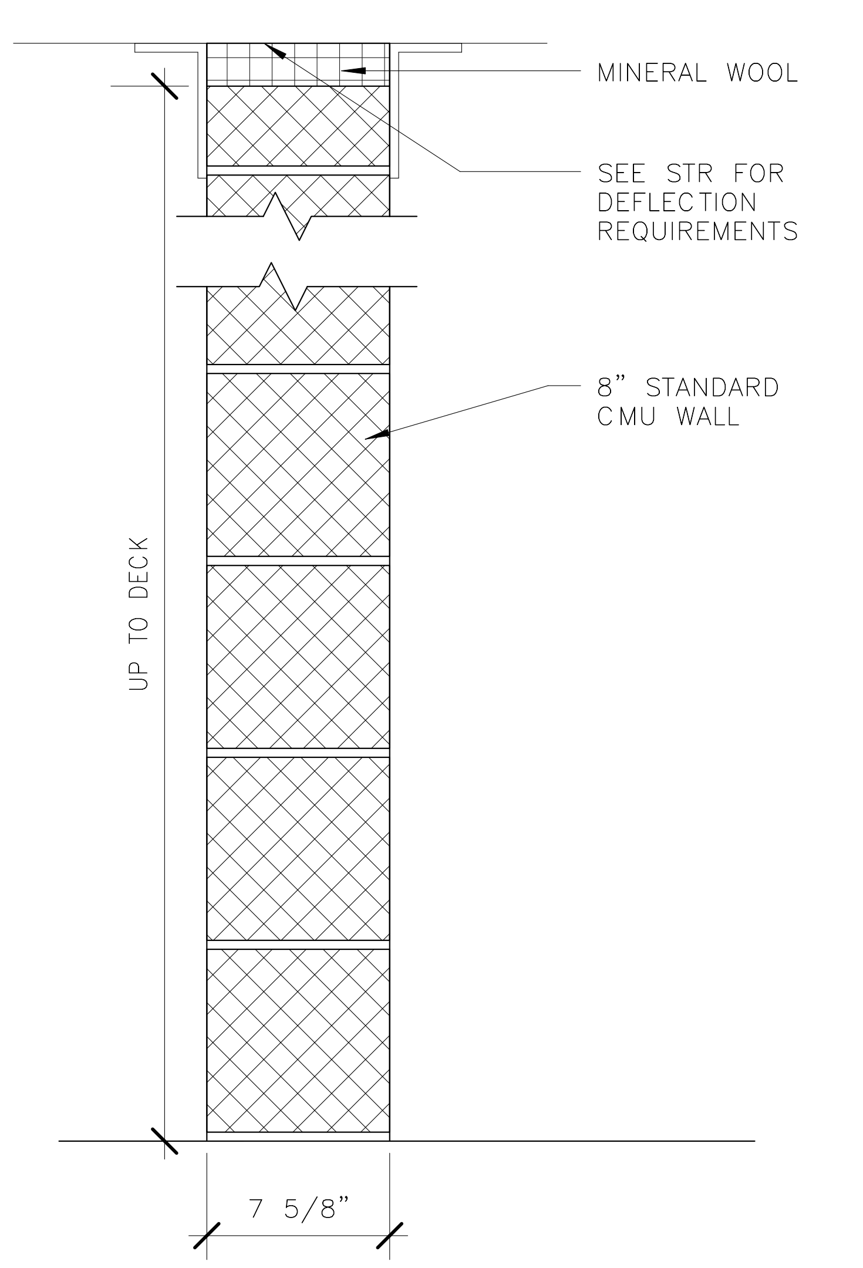
PRECAST:	
PRECAST	12" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
REMARKS:	
3.1A – 1HR RATING VUSBC (3.2" MIN.)	
3.1B – 2HR RATING VUSBC (4.6" MIN.)	
3.1C – 3HR RATING VUSBC (5.7" MIN.)	
FIRE RATING: SEE REMARKS	WALL NO.: 3.1(A/B/C)

DESCRIPTION: PRECAST CONCRETE WALL PANEL



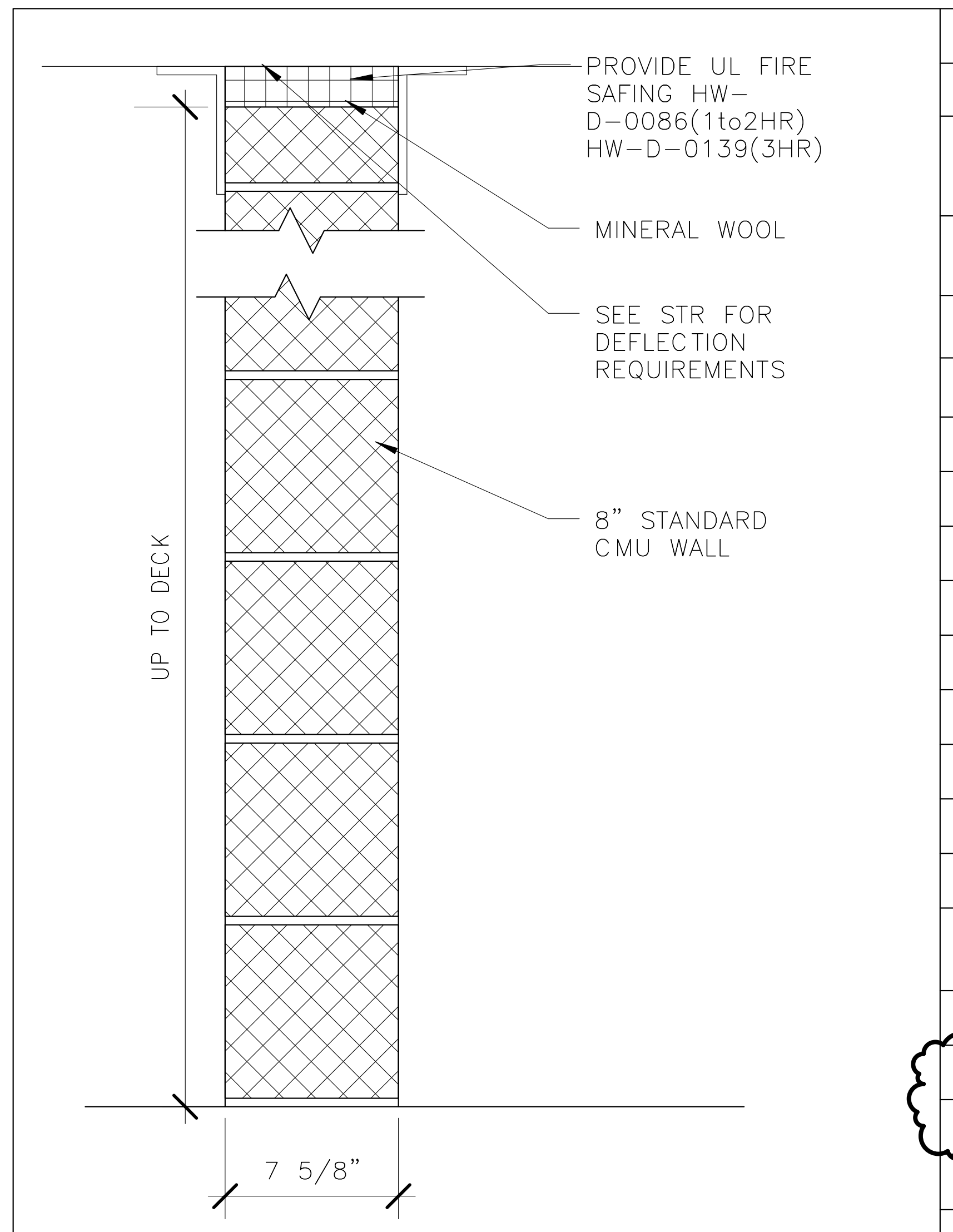
CONCRETE:	
CONCRETE	12" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
REMARKS:	
3.2- NO FIRE RATING	
3.2A-1HR RATING IBC 720.1-1.1(1 1/2" MIN")	
3.2B-2HR RATING IBC 720.1-1.1(2" MIN")	
3.2C-3HR RATING IBC 720.1-1.1(2 1/2" MIN")	
FIRE RATING: SEE REMARKS	WALL NO.: 3.2(A/B/C)

DESCRIPTION: PRECAST WALL



MASONRY:	
CMU	8" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
REMARKS:	
UP TO DECK	
FIRE RATING: N/A	WALL NO.: 4.1

DESCRIPTION: 8" CMU PARTITION (TO DECK)



MASONRY:	
CMU	8" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
MISC.	
REMARKS:	
4.2 – 0 HR	
4.2A – 1HR RATING UL# U905	
4.2B – 2HR RATING UL# U905	
4.2C – 3HR RATING UL# U907	
FIRE RATING: SEE REMARKS	WALL NO.: 4.2(A/B/C)

1

DESCRIPTION: 8" CMU PARTITION (TO DECK)

5/23/2017 11:54:31 AM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
1	05/19/2017	Design Change 0381: UL Ratings - CMU	LK	CTH	MLG	MLG

19 MAY 17
MARK LAWRENCE GIULIANI
Lic. No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - PARTITION TYPES
SCALE:
DRAWING NO.: N99-SIB-A-601

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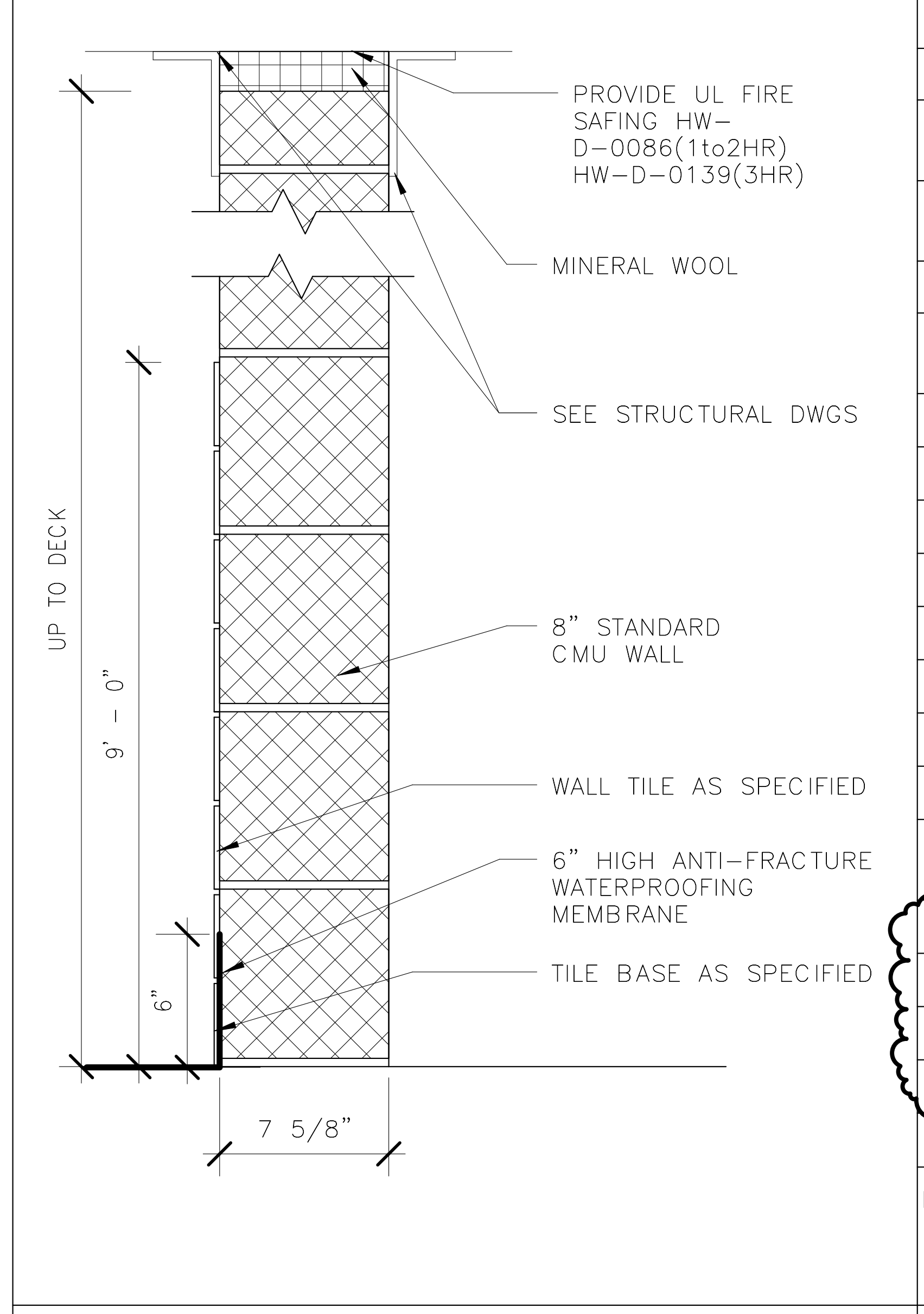
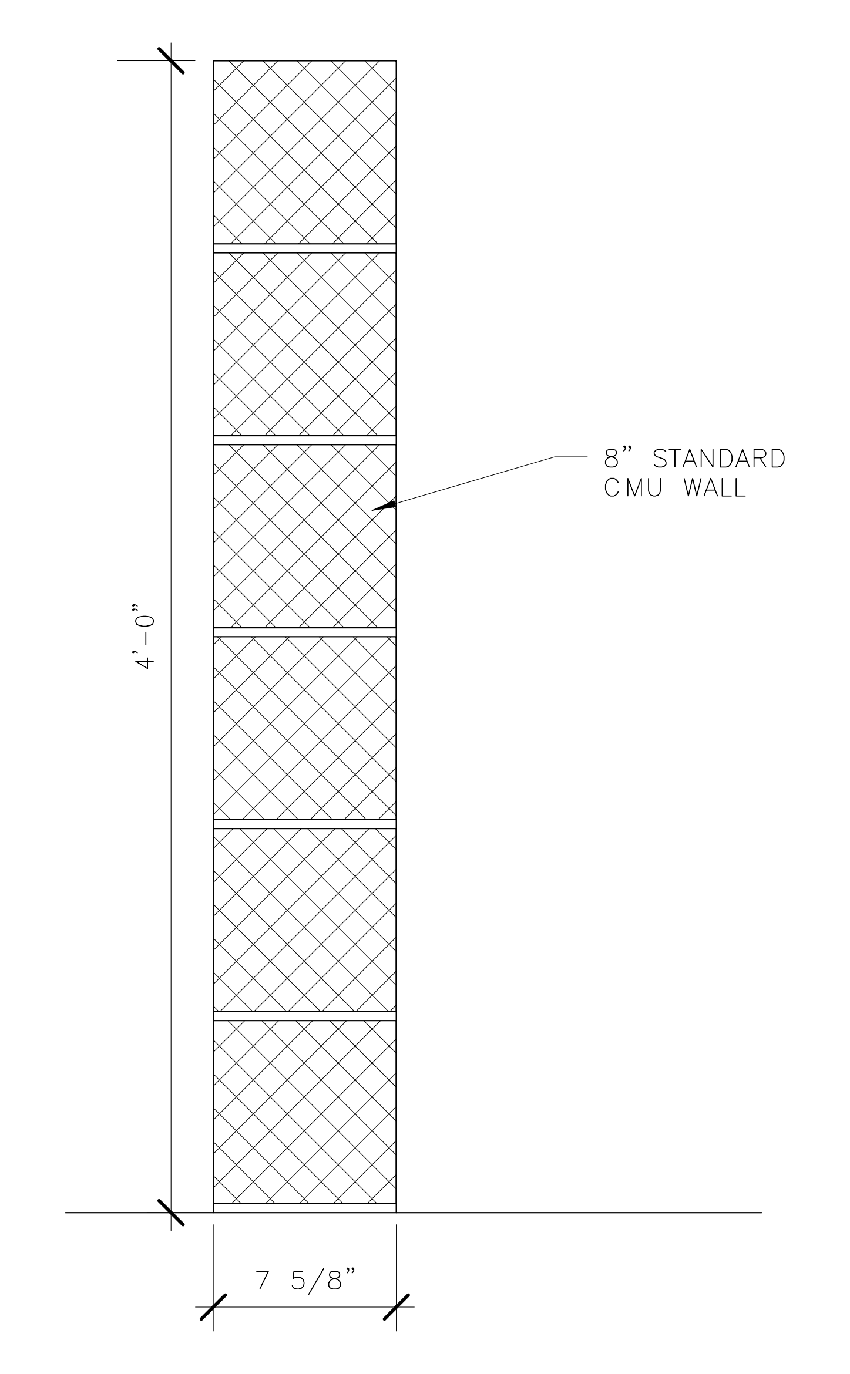


MASONRY:	
CMU	8" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
APPLIED FINISH:	
TILE	

REMARKS: △ 1
- 4.4 – OHR
- 4.4A – 1HR RATING UL# U905
- 4.4B – 2HR RATING UL# U905
- 4.4C – 3HR RATING UL# U907

FIRE RATING:	WALL NO.:
SEE REMARKS	4.4(A/B/C)

DESCRIPTION: 8" CMU PARTITION W/ TILE (TO DECK)

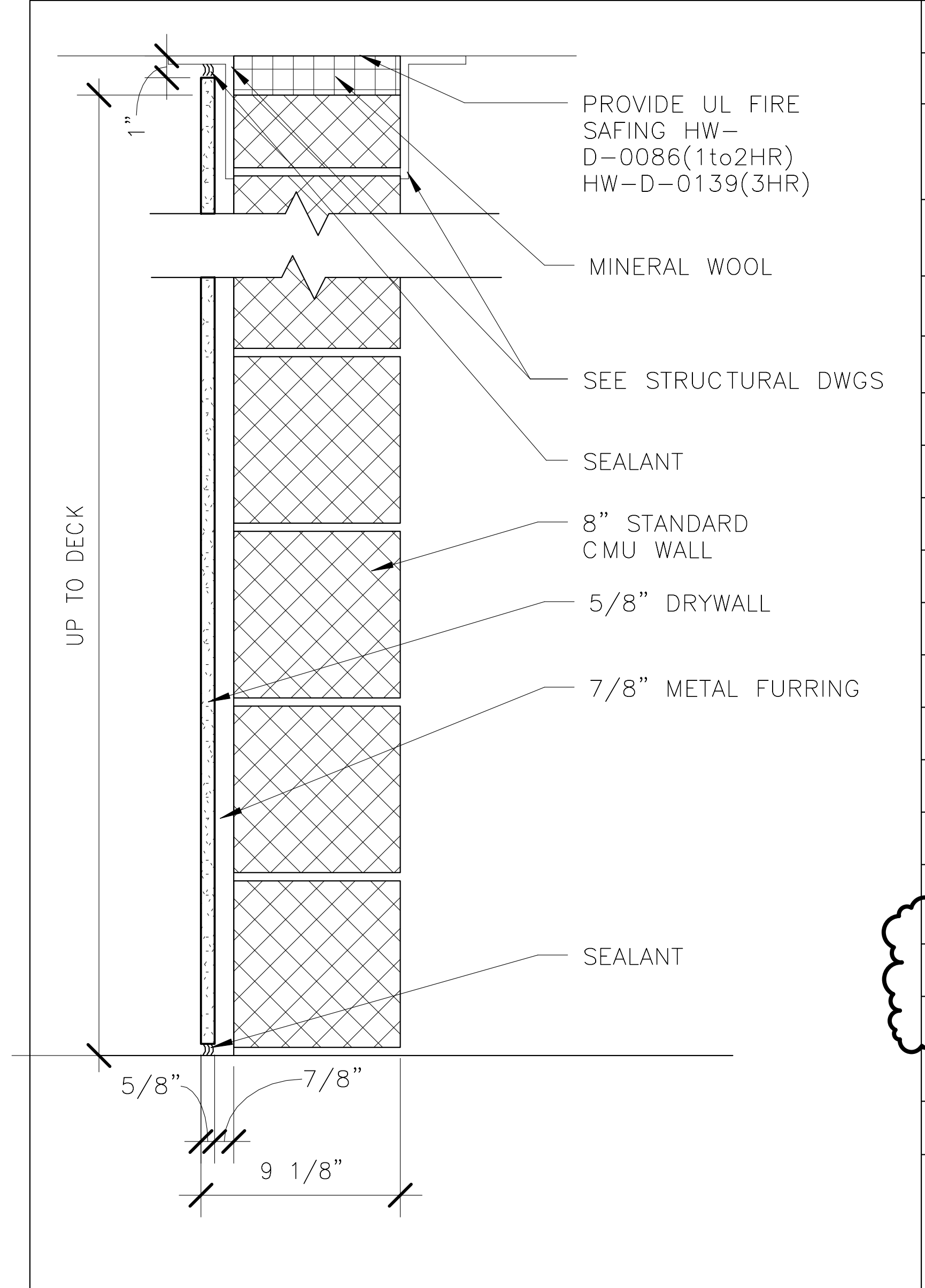


MASONRY:	
CMU	8" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL

REMARKS:
4' HIGH

FIRE RATING:	WALL NO.:
N/A	4.5

DESCRIPTION: 8" CMU PARTITION (4' – 0")

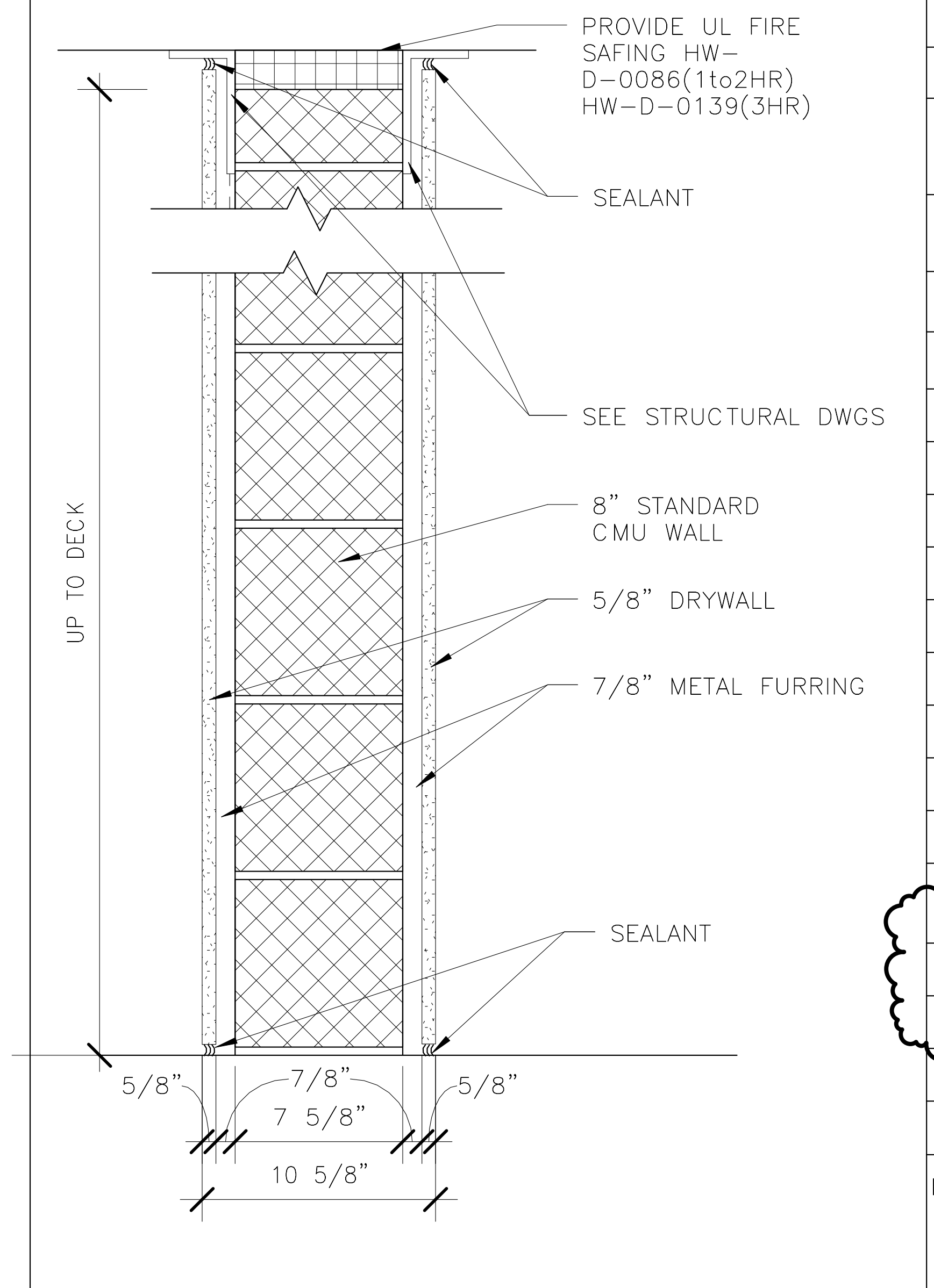


MASONRY:	
CMU	8" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
MISC.	

REMARKS: △ 1
- 4.6A – 1HR RATING UL# U905
- 4.6B – 2HR RATING UL# U905
- 4.6C – 3HR RATING UL# U907
- 4.6 – OHR RATING

FIRE RATING:	WALL NO.:
SEE REMARKS	4.6(A/B/C)

DESCRIPTION: 8" CMU PARTITION W/ FURRING (TO DECK)

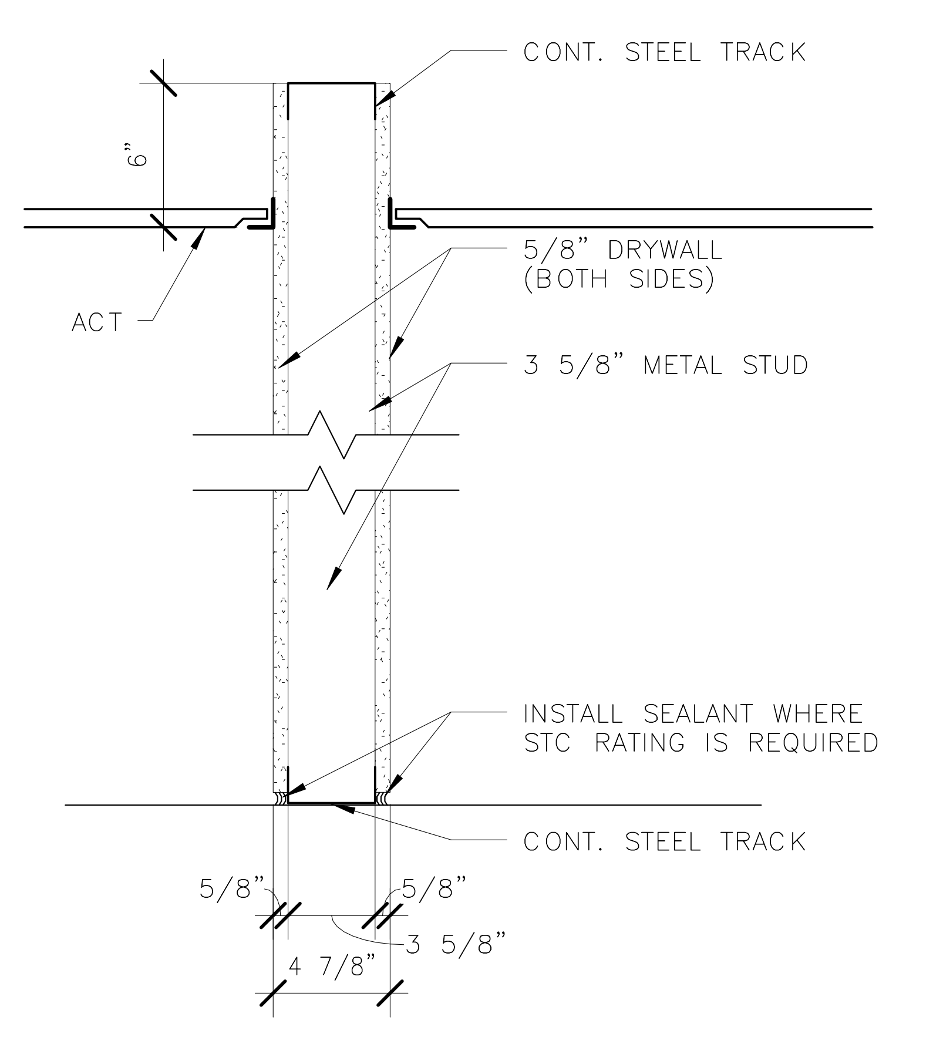


MASONRY:	
CMU	8" NOM.
HORIZONTAL REINFORCING	SEE STRUCTURAL
VERTICAL REINFORCING	SEE STRUCTURAL
MISC.	

REMARKS: △ 1
- 4.7A – 1HR RATING UL# U905
- 4.7B – 2HR RATING UL# U905
- 4.7C – 3HR RATING UL# U907
- 4.7 – OHR RATING

FIRE RATING:	WALL NO.:
SEE REMARKS	4.7(A/B/C)

DESCRIPTION: 8" CMU PARTITION W/ FURRING ON BOTH SIDES (TO DECK)

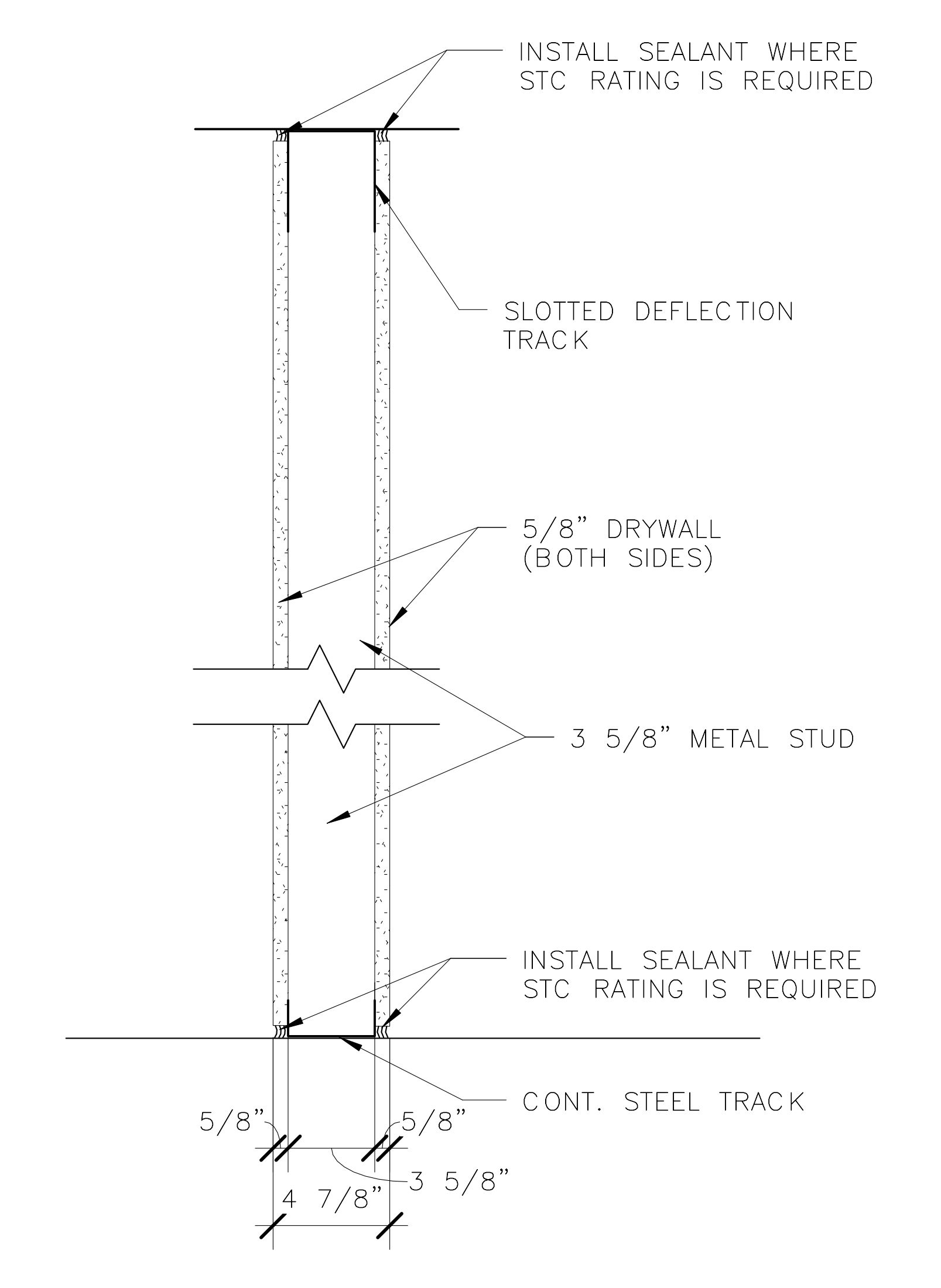


STEEL STUDS:	
SIZE	3 5/8"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	9' – 6"

REMARKS:

FIRE RATING:	WALL NO.:
N/A	5.1

DESCRIPTION:
GYP BOARD WITH STEEL STUDS (9'–6")



STEEL STUDS:	
SIZE	3 5/8" UP TO 16'–5" 6" UP TO 24'–6"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO DECK

REMARKS

FIRE RATING:	WALL NO.:
N/A	5.2

DESCRIPTION:
GYP BOARD WITH STEEL STUDS (TO DECK)

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

5/23/2017 11:53:44 AM

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
1	05/19/2017	Design Change 0381: UL Ratings - CMU	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
19 MAY 17
MARK LAWRENCE GIULIANI
Lic. No. 011155
ARCHITECT

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - PARTITION TYPES		
SCALE:	DRAWING NO.: N99-SIB-A-602	

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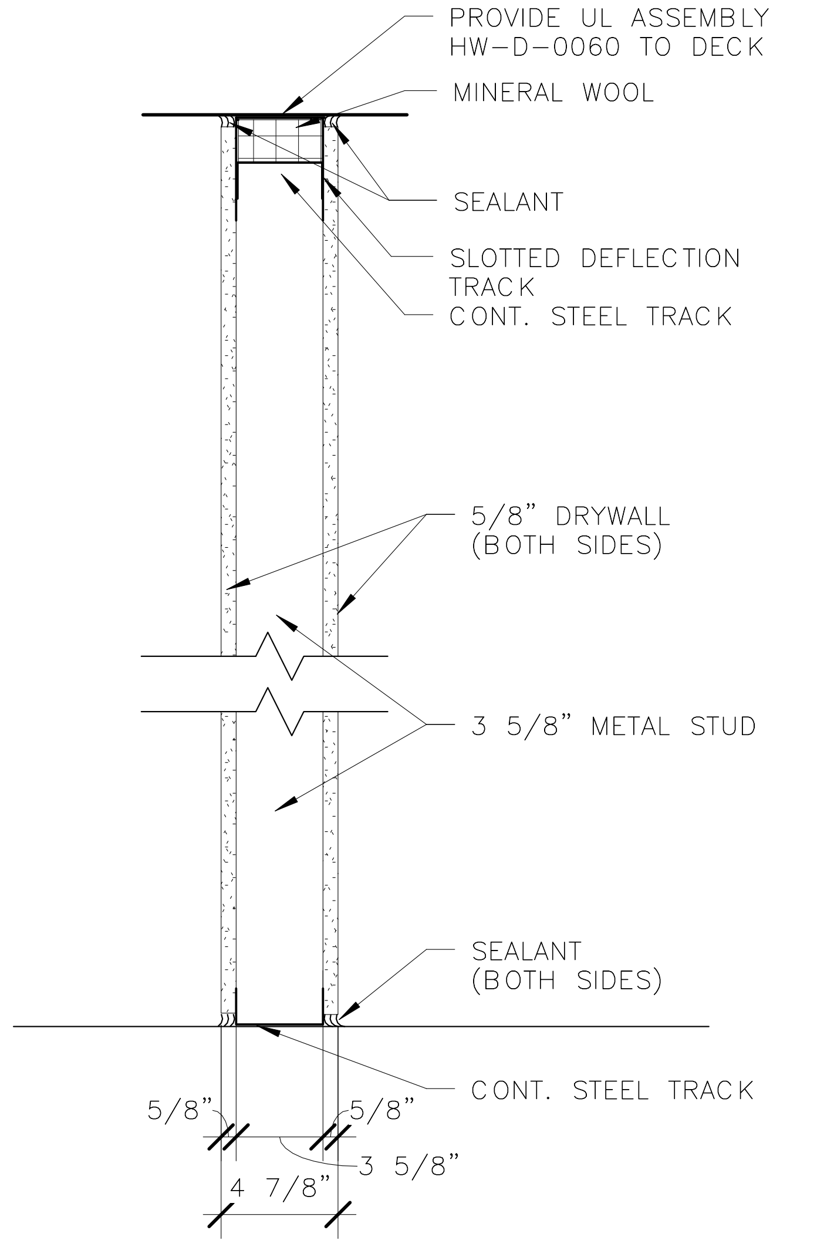
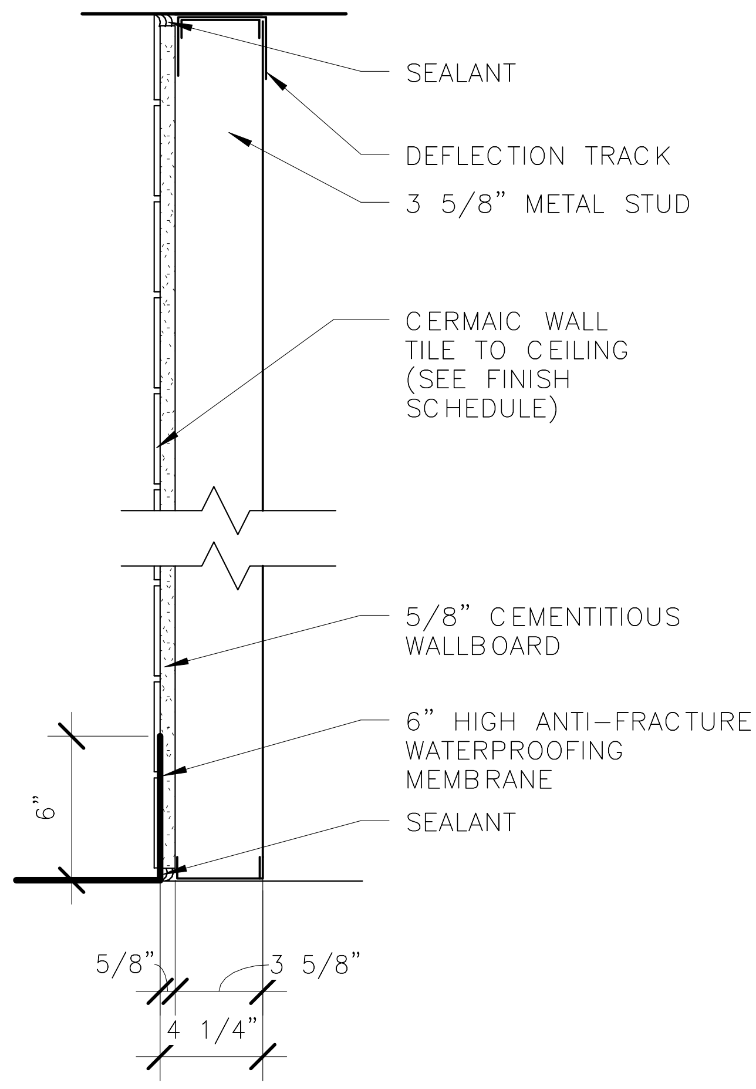


STEEL STUDS:	
SIZE	3 5/8"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO DECK
REMARKS:	

FIRE RATING:	WALL NO.:
1HR UL# 448	5.3

DESCRIPTION:
GYP BOARD WITH STEEL STUDS (TO DECK)



STEEL STUDS:	
SIZE	3 5/8" UP TO 16'-5" 6" UP TO 24'-6"
SPACING	16" O.C.
GAUGE	20
HEIGHT	UP TO DECK
REMARKS:	

FIRE RATING:	WALL NO.:
N/A	5.8

DESCRIPTION:
4 1/4" FURRING WALL W/ TILE (TO DECK)

2/16/2017 5:20:14 PM

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - PARTITION TYPES		
SCALE:	DRAWING NO.: N99-SIB-A-603	

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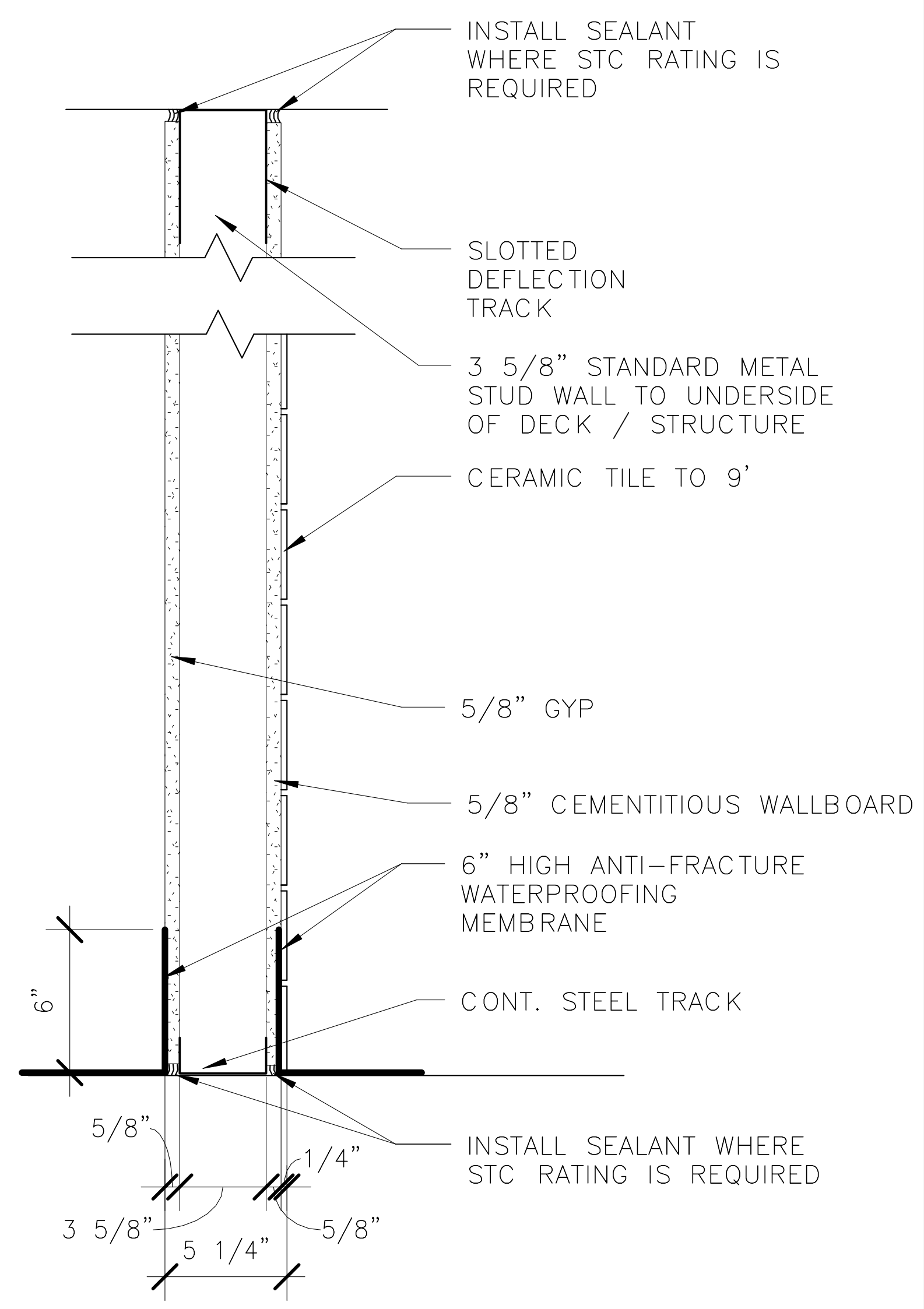
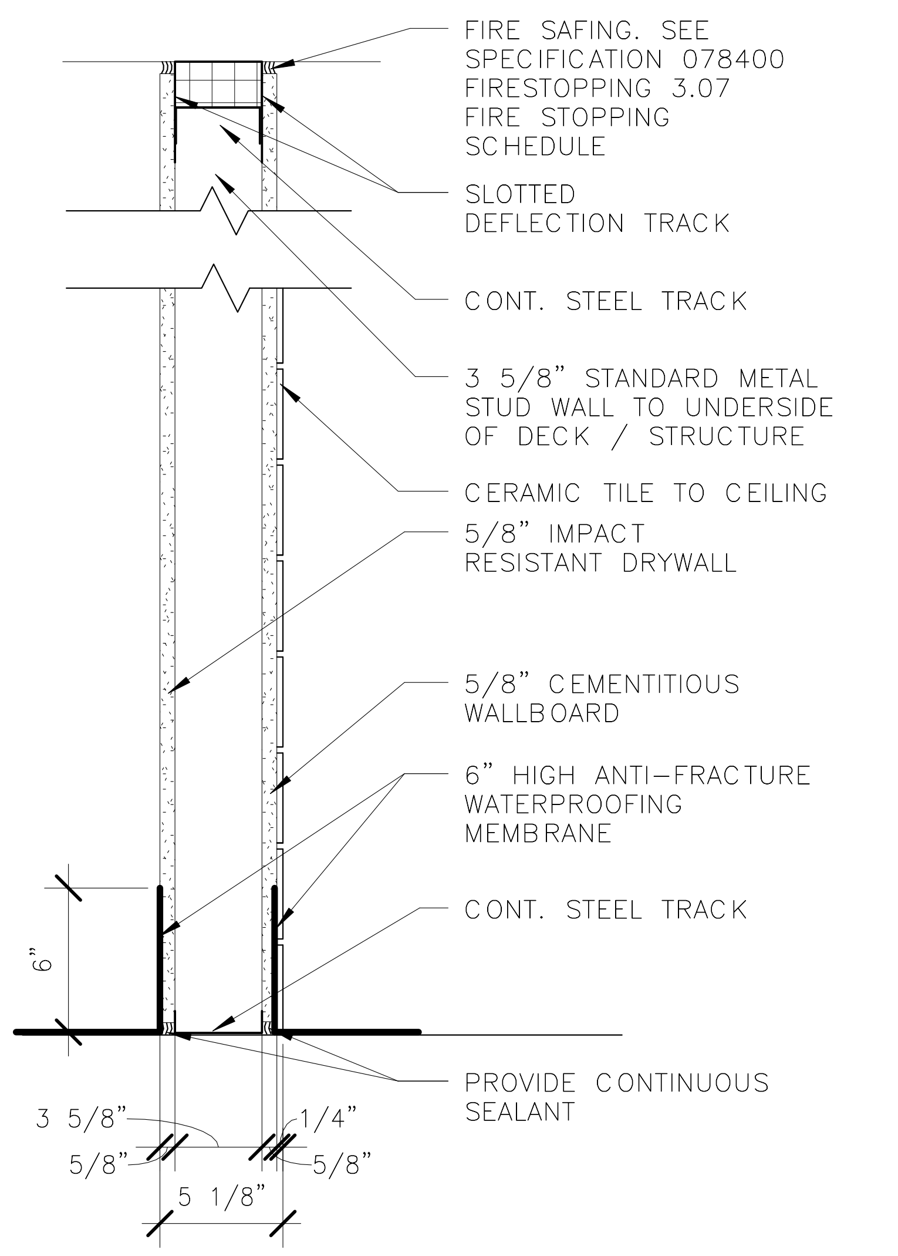


STEEL STUDS:	
SIZE	3 5/8" UP TO 16'-5" 6" UP TO 24'-6"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO DECK

FIRE RATING: N/A

WALL NO.: 5.10

DESCRIPTION:
TOILET PARTITION – PERIMETER WALL (TO DECK)

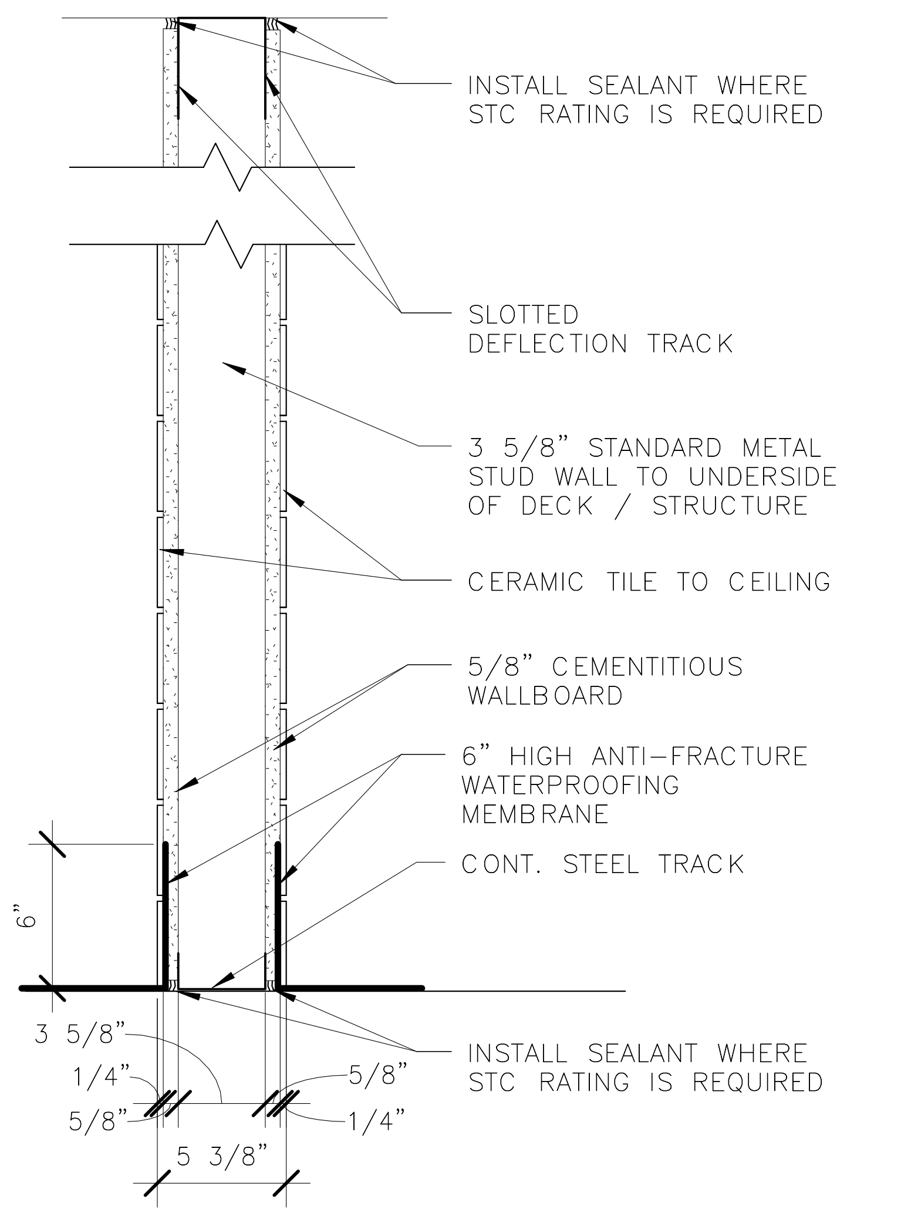


STEEL STUDS:	
SIZE	3 5/8" UP TO 16'-5" 6" UP TO 24'-6"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO DECK

FIRE RATING: UL# U448

WALL NO.: 5.11

DESCRIPTION:
TOILET PERIMETER WALL (TO DECK)

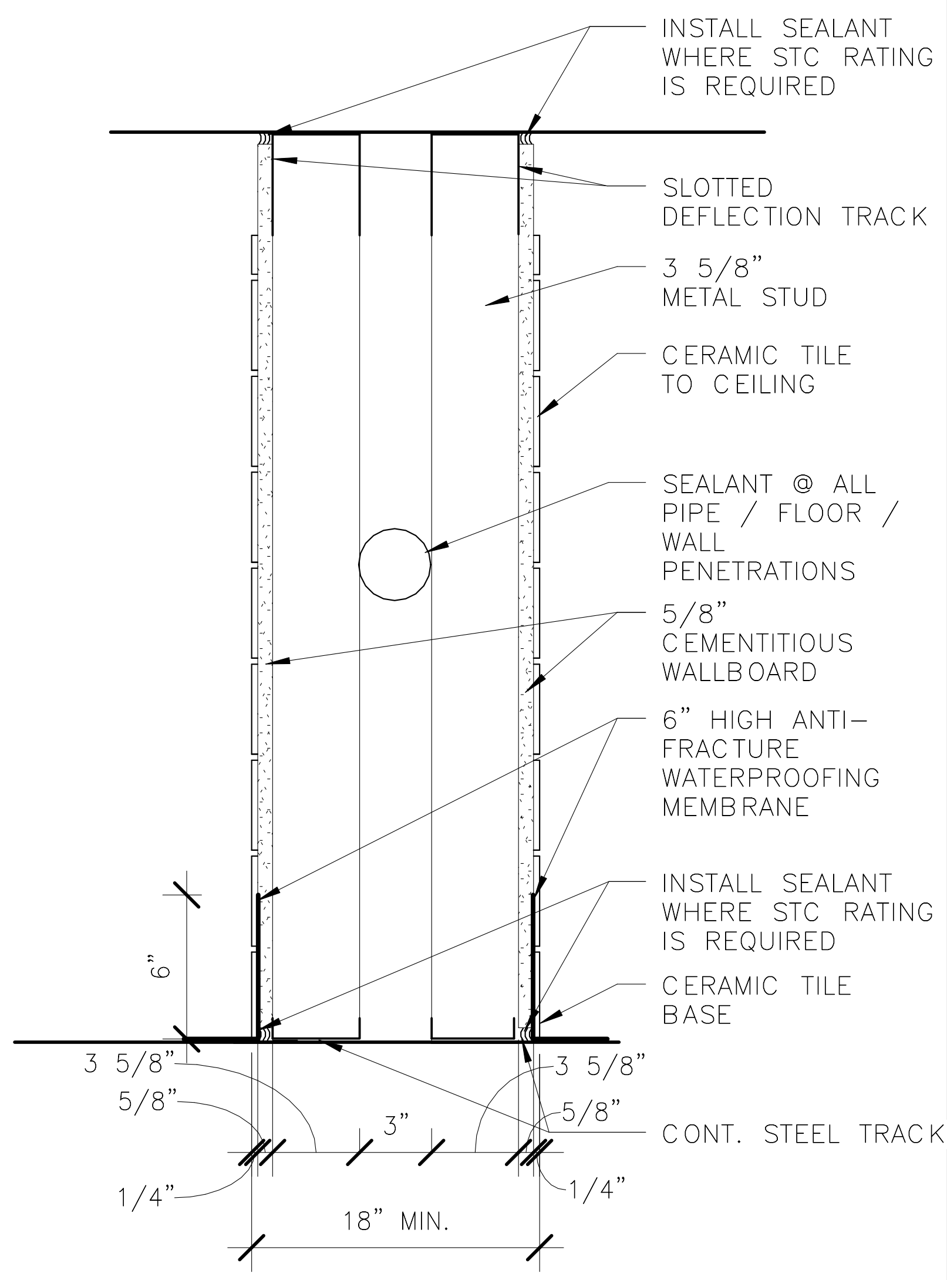


STEEL STUDS:	
SIZE	3 5/8" UP TO 16'-5" 6" UP TO 24'-6"
SPACING	16" O.C.
GAUGE	20 MIN
HEIGHT	UP TO DECK

FIRE RATING: N/A

WALL NO.: 5.12

DESCRIPTION:
TOILET ROOM DIVIDING WALL (TO DECK)

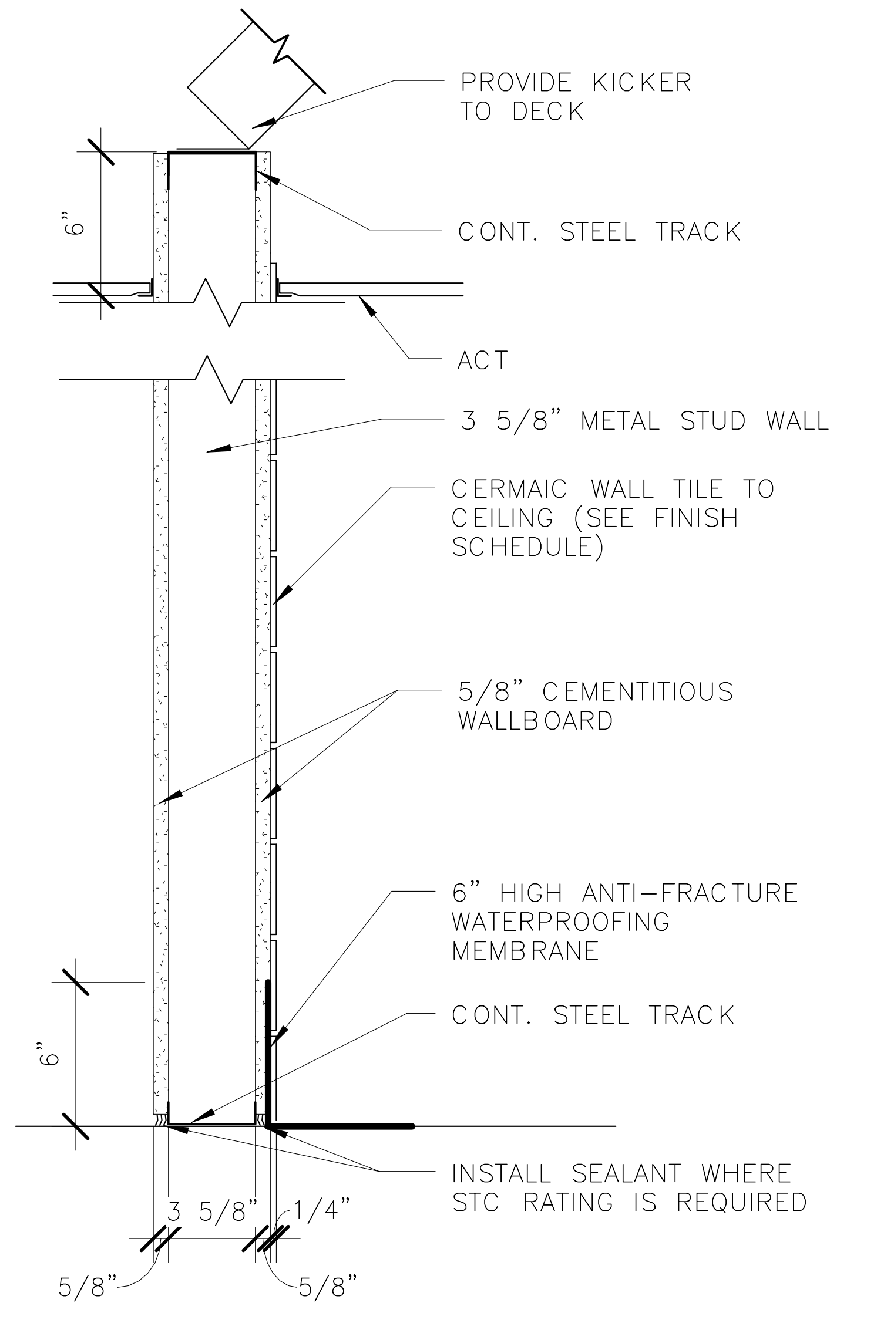


STEEL STUDS:	
SIZE	3 5/8" UP TO 16'-5" 6" UP TO 24'-6"
SPACING	16" O.C. PER SIDE
GAUGE	20 MIN.
HEIGHT	UP TO DECK

FIRE RATING: N/A

WALL NO.: 5.13

DESCRIPTION:
TOILET WALL (TO DECK)

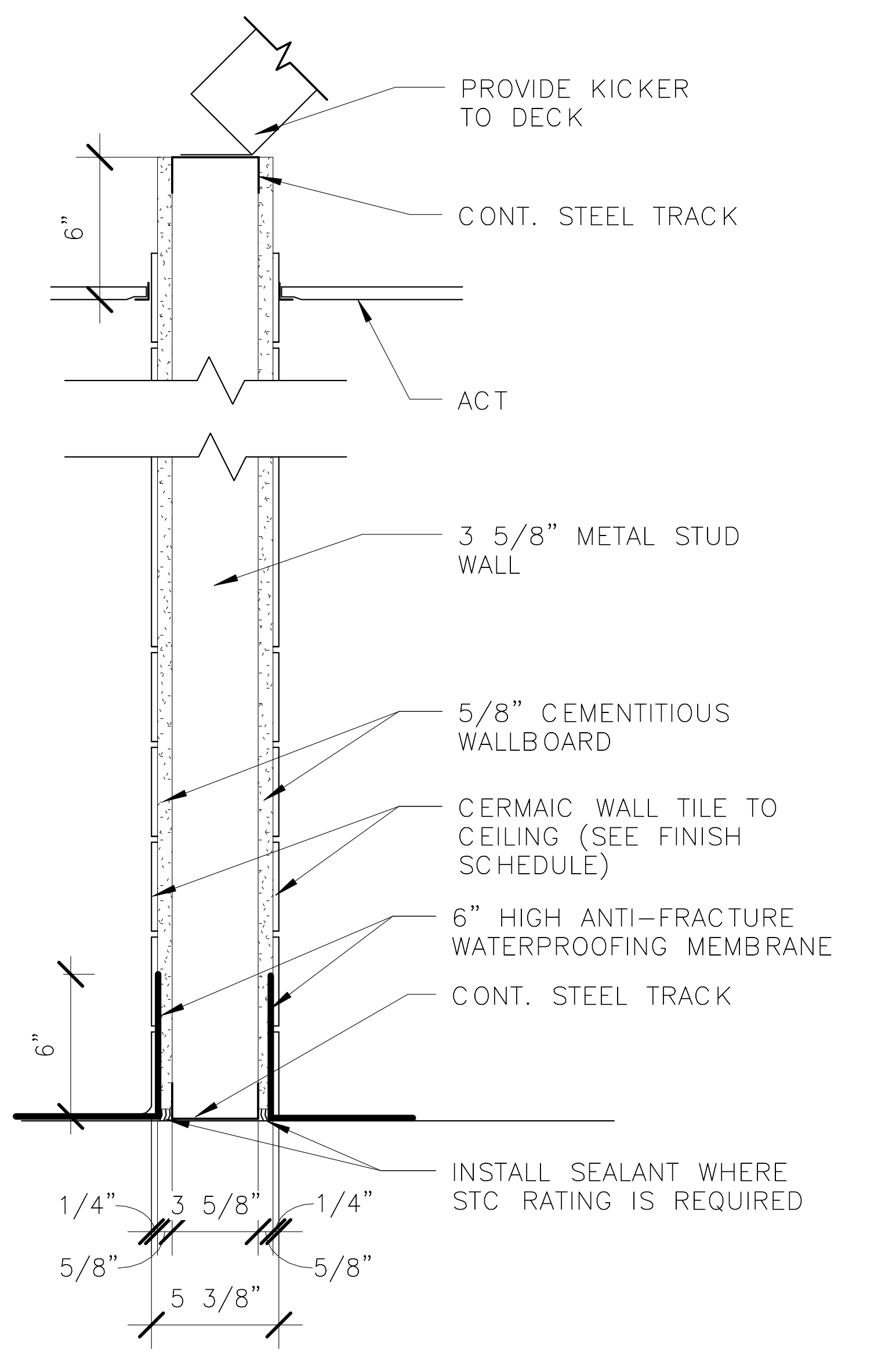


STEEL STUDS:	
SIZE	3 5/8"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO 9'-6"

FIRE RATING: N/A

WALL NO.: 5.14

DESCRIPTION:
TOILET PARTITION – INTERIOR WALL (9' – 6")



STEEL STUDS:	
SIZE	3 5/8"
SPACING	16" O.C.
GAUGE	20 MIN
HEIGHT	UP TO 9'-6"

FIRE RATING: N/A

WALL NO.: 5.15

DESCRIPTION:
TOILET PARTITION – INTERIOR WALL (9' – 6")

2/16/2017 5:20:21 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	
DRAWN	DATE	
C. HOLMES	02/20/2017	
DESIGNED	DATE	
J. KELLEHER	02/20/2017	
CHECKED	DATE	
M. GIULIANI	02/20/2017	
APPROVED	DATE	

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - PARTITION TYPES
SCALE:
DRAWING NO.: N99-SIB-A-604

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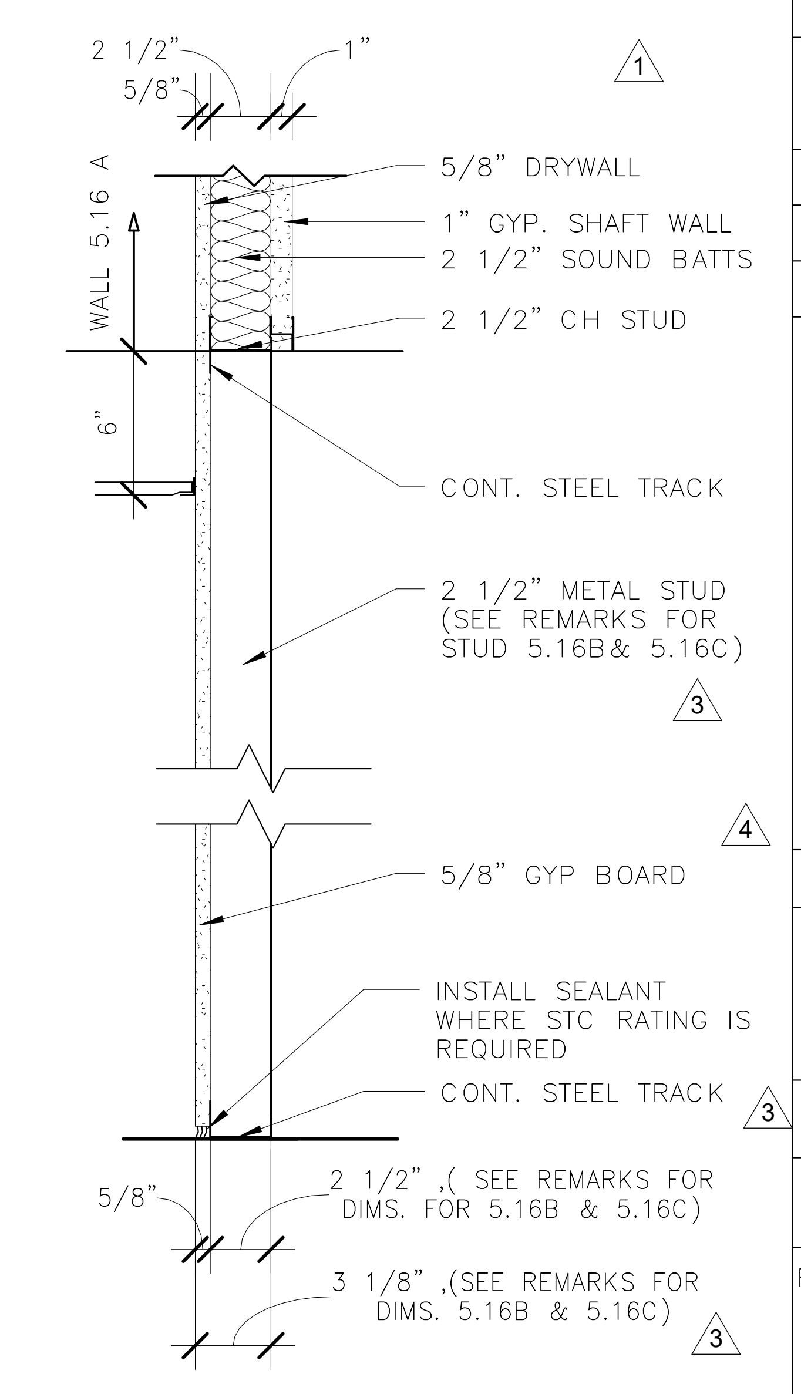


STEEL STUDS:	
SIZE	2 1/2" (5.16, 5.16A) 6" (5.16B) 1 1/2" (5.16C)
SPACING	16" O.C.
GAUGE	20
HEIGHT	9'-6"

REMARKS:

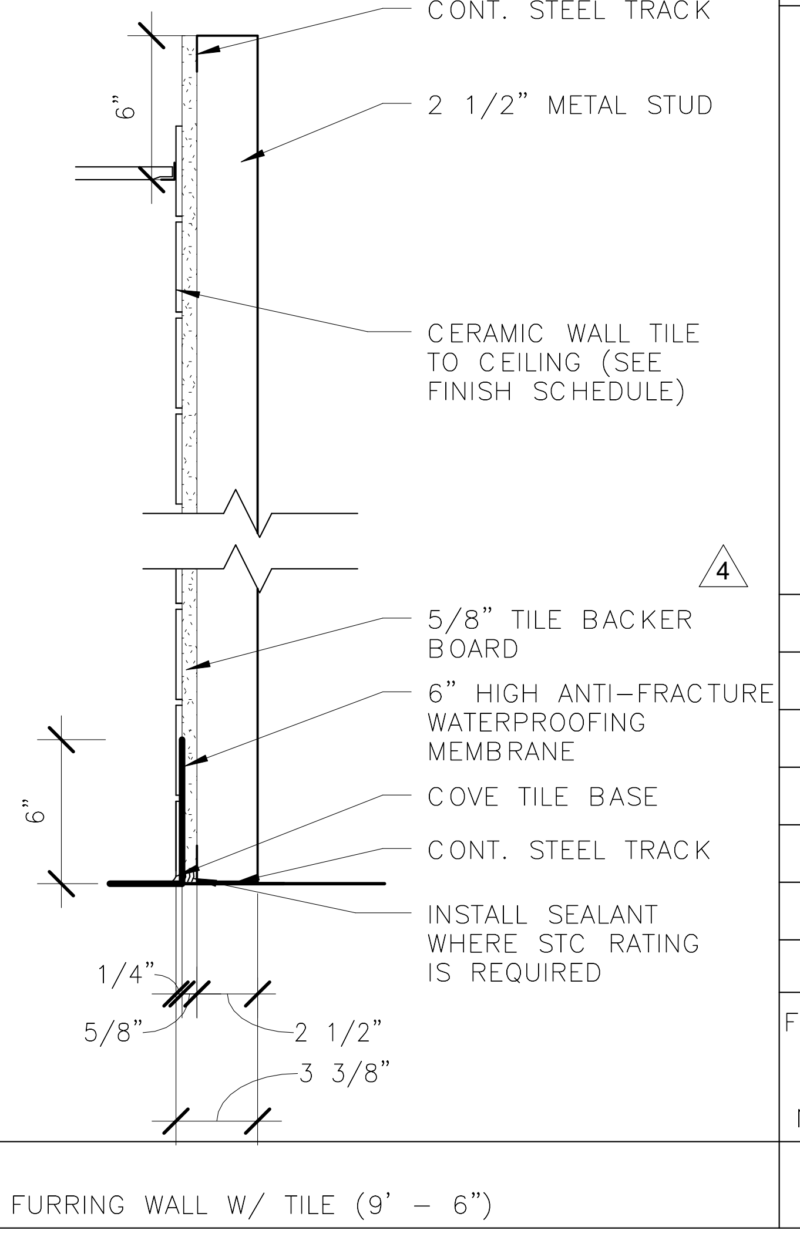
5.16A – HEIGHT UP TO DECK 2 1/2" & 5/8" DRYWALL TO TOP OF CMU, 2 1/2" CH STUD W/ 1" SHAFT WALL & 5/8" DRYWALL & 2 1/2" SOUND BATTS.

5.16B – 6" METAL STUD & 5/8" DRYWALL

5.16C – 1 1/2" METAL STUD & 5/8" DRYWALL

FIRE RATING:	WALL NO.:
N/A	5.16

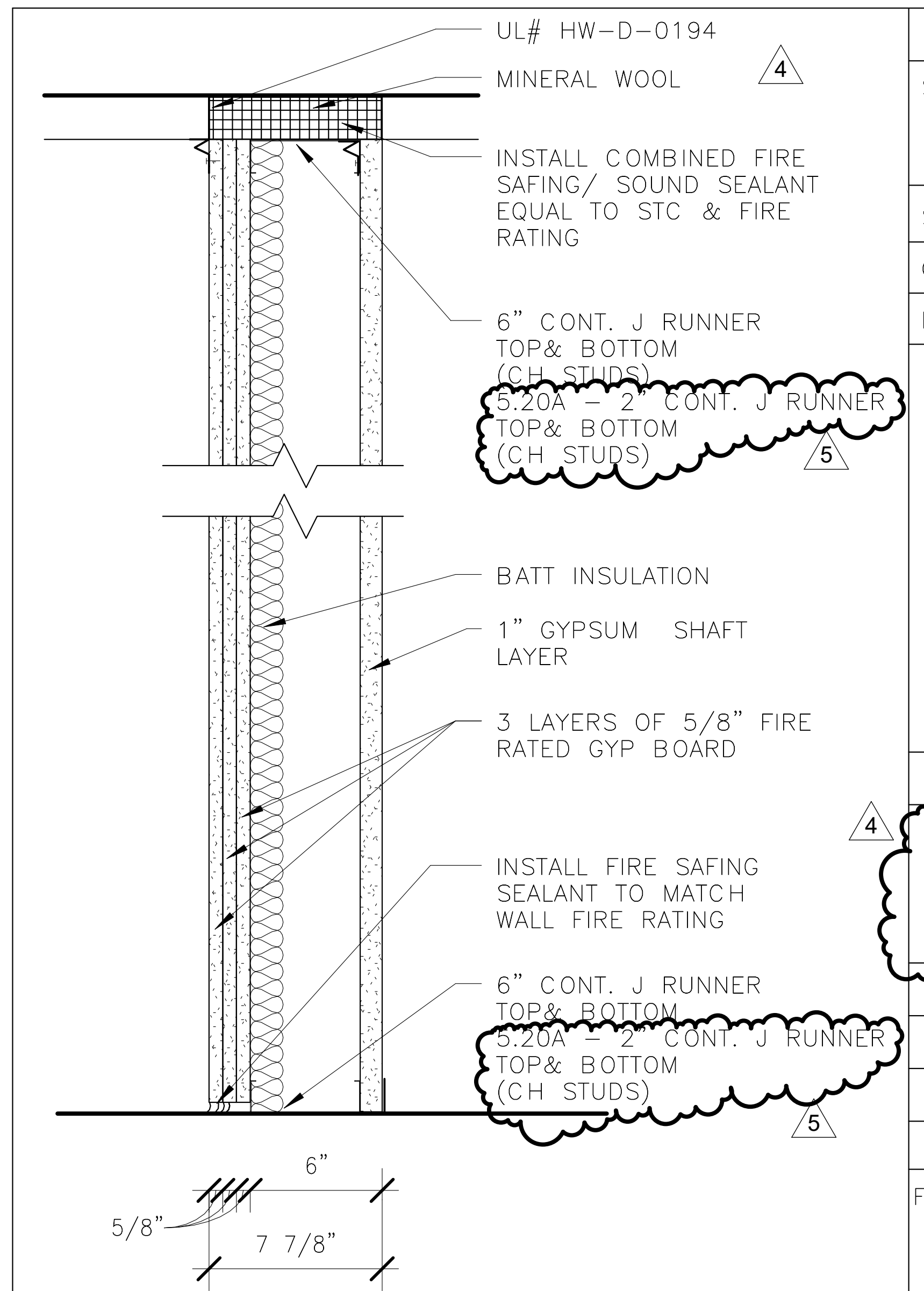
DESCRIPTION:
FURRING WALL (9' – 6")



STEEL STUDS:	
SIZE	2 1/2"
SPACING	16" O.C.
GAUGE	20
HEIGHT	9'-6"

FIRE RATING:	WALL NO.:
N/A	5.17

DESCRIPTION:
FURRING WALL W/ TILE (9' – 6")



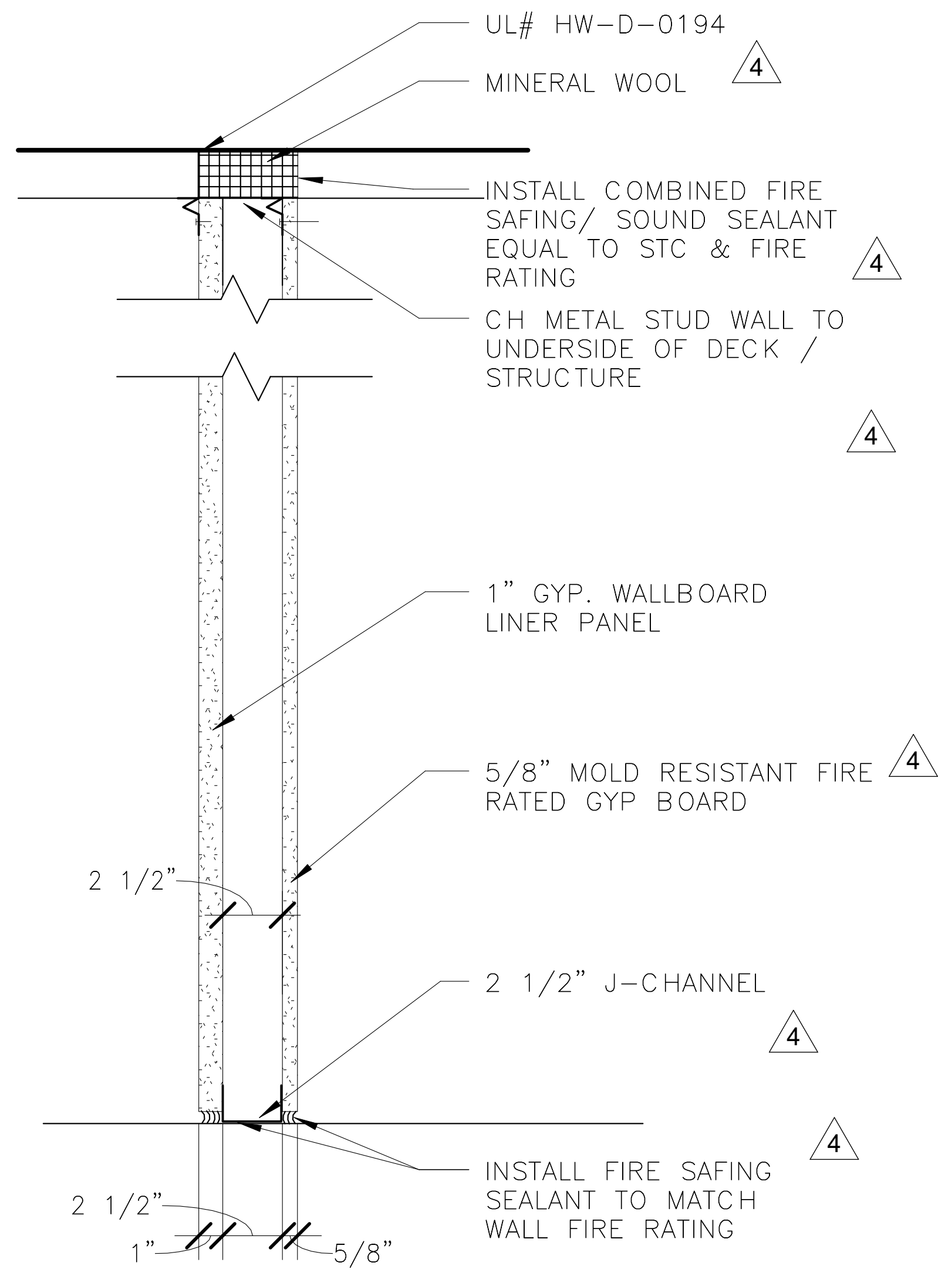
STEEL STUDS:	
SIZE	5.20 – DOUBLE 6" J RUNNER 5.20A – DOUBLE 2" J RUNNER
SPACING	16"
GAUGE	
HEIGHT	TO DECK

REMARKS:

5.20A – 2" CONT. J RUNNER & 3 LAYERS OF 5/8" FIRE RATED GYP BOARD & 1" GYPSUM SHAFT LAYER

FIRE RATING:	WALL NO.:
UL# W419 3 HR	5.20

DESCRIPTION:
SHAFT WALL PARTITION

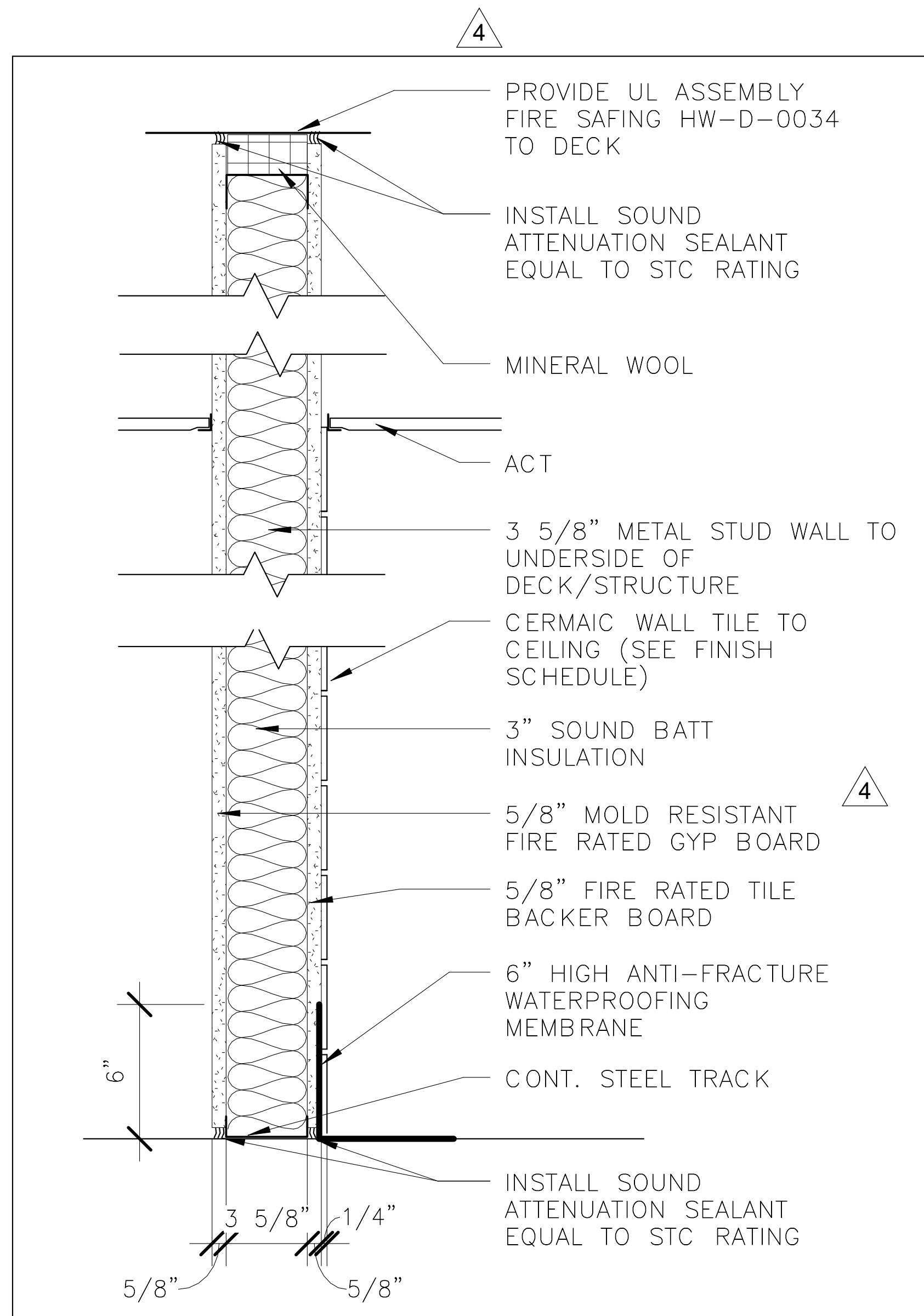


STEEL STUDS:	
SIZE	2 1/2"
SPACING	24" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO DECK

REMARKS:

FIRE RATING:	WALL NO.:
1HR UL# W419	5.21

DESCRIPTION:
TOILET PERIMETER WALL (TO DECK)



STEEL STUDS:	
SIZE	3 5/8"
SPACING	16" O.C.
GAUGE	20 MIN.
HEIGHT	UP TO DECK

REMARKS: SOUND ASSEMBLY RATING = 49 STC

FIRE RATING:	WALL NO.:
N/A	5.14 STC

DESCRIPTION:
TOILET PARTITION – TO DECK

2

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
1	06/22/2017	DC 0262: Top of CMU at column line 3	CAR	CTH	JJK	MLG
2	07/11/2017	DC 0426: IFP Systemwide Arch Updates	RR	CTH	JJK	MLG
3	07/19/2017	DC 0437: Edge of Slab & Precast Panel Gap	LK	CTH	JJK	MLG
4	08/01/2017	Design Change 0478: UL Clarifications	RR	CTH	JJK	MLG
5	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - PARTITION TYPES

SCALE:

DRAWING NO.: N99-SIB-A-605

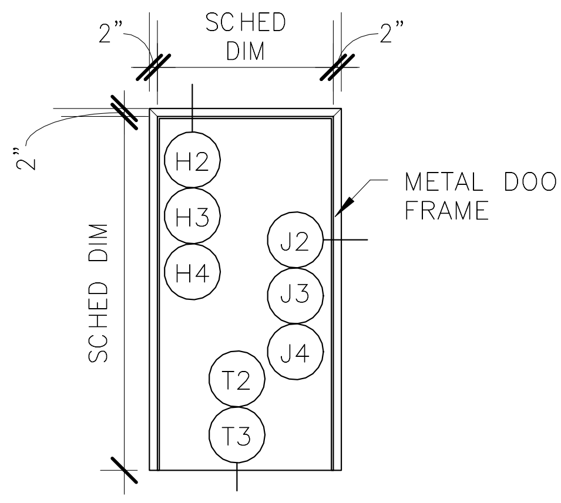
9/25/2017 12:37:20 PM

DOOR SCHEDULE

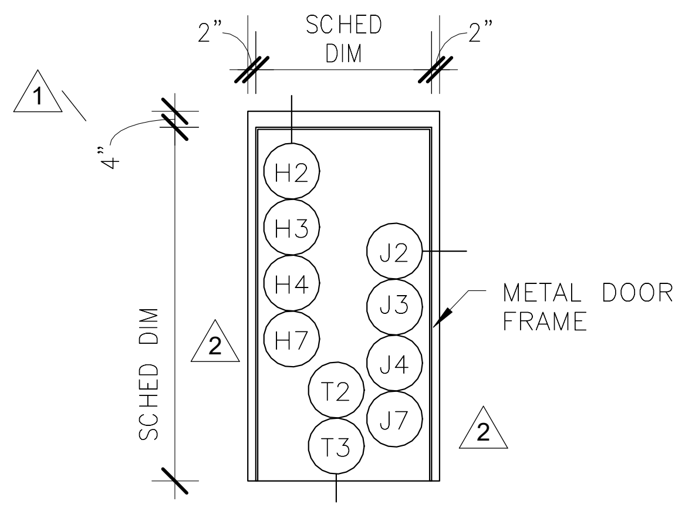
NO.	TO ROOM: NAME	TYPE PLNT	TYPE SMNT	DOOR MATL	DOOR FINISH	DOOR TYPE	DOOR W	DOOR H	DOOR T	FRAME TYPE	FRAME HEAD	FRAME JAMB	FRAME SILL	FIRE RATING	STC	HW SETS	REMARKS
001	FREIGHT LIFT	●		MTL	PTD	7	8' – 0"	12' – 0"	–	–	H1	J1	T1	45 MIN.		–	
002	STORAGE AREA	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				14B RA	
004	DOMESTIC WATER ENTRY ROOM	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				14B PA	
005–1	UPS ROOM		●	HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4		3 HR.		16B.3	
006A–1	ELEC ROOM		●	HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4		3 HR.		16B.3	
006B–1	STORAGE AREA		●	HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4		3 HR.		16B.3	
006C–1	ELEC ROOM		●	HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4		3 HR.		16B.3	
009	ELEVATOR MACHINE ROOM	●		HM	PTD	2	3' – 6"	7' – 0"	0'–1 3/4"	B	H4	J4		3 HR.		18	
101A	PARTS ROOM	●		MTL	PTD	7	10' – 0"	10' – 0"	–	–	H1	J1	T1			–	
101B	PARTS ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C.1	
101C	PARTS ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
101D	CMNT MAIN SHOPS	●		MTL	PTD	7	10' – 0"	12' – 0"	–	–	H1	J1	T1			–	
101E	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				07C	
102	ELES MATERIALS OFFICE	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				05.1	
103	GREASE ROOM	●		HM	PTD	3	6' – 0"	8' – 6"	0'–1 3/4"	B	H4	J4		45 MIN.		16A.1	
108A	LOBBY	●		ALUM	PTD	4	6' – 0"	7' – 0"	0'–1 3/4"	C	H5	J5	T6			01A	
108B	LOBBY	●		HM	PTD	10	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				02A	
109	STORAGE	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				14B RA	
111	WOMEN	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	B	H7	J7	T7			09 RA	
113	MEN	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	B	H7	J7	T7			09 RA	
114A	PI OFFICE	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				05.2	
115	TOOLS ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				16D	
116	INSPECTION OFFICE	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				05	
117	JAN	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				14B RA 1	
118	ELECTRONICS SHOP		●	HM	PTD	6	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				07A	
118A	COPY ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				22A	
119	ELECTRONICS SHOP	●		HM	PTD	1	3' – 6"	7' – 0"	0'–1 3/4"	A	H3	J3	–			07C	
120A	LUBE/COMP ROOM	●		HM	PTD	6	6' – 0"	8' – 6"	0'–1 3/4"	A	H2	J2	T2			16A	
120B	LUBE/COMP ROOM	●		HM	PTD	1	4' – 0"	8' – 6"	0'–1 3/4"	B	H4	J4				16C.3	
121	BATTERY ROOM		●	HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4	T2	90 MIN.		16B	
122	MECH ROOM	●		HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				17B.1	
140A	BLOW PIT	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
140B	BLOW PIT	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
140C	BLOW PIT	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
140D	BLOW PIT	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
140E	BLOW PIT	●		MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
141A	INTERIOR CLEANING	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
141B	INTERIOR CLEANING	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
141C	INTERIOR CLEANING	●		MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
141D	INTERIOR CLEANING	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
141E	INTERIOR CLEANING	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C	
150B	CORRIDOR	●		HM	PTD	10	6' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				07E	
150C	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06D.A	
150D	CMNT MAIN SHOPS			MTL	PTD	7	12' – 0"	12' – 0"	–	–	H1	J1	T1			–	
150E	CMNT MAIN SHOPS			MTL	PTD	7	12' – 0"	12' – 0"	–	–	H1	J1	T1			–	
150F	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C.A	
150G	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150H	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150I	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150J	INTERIOR CLEANING			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150K	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150L	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C.A	
150M	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C.A	
150N	WHEEL TRUING PIT	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C.A	
150O	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150P	BLOW PIT			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150Q	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150R	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150S	CMNT MAIN SHOPS			MTL	PTD	7	14' – 0"	14' – 0"	–	–	H1	J1	T1			–	
150T	CMNT MAIN SHOPS			MTL	PTD	7	12' – 0"	12' – 0"	–	–	H1	J1	T1			–	
150U	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			06C.A	
150Z	CMNT MAIN SHOPS	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"		H2	J2	T2			06C.A	
151	TRUCK WASH			PVC	PTD	PVC	14' – 0"	14' – 0"	0'–1 3/4"	–	–	–	–			–	8" PVC SLATS – UNDER LINTEL MOUNT
201	LOBBY	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			23	DOOR TO BE MOUNTED 1'–7 1/2" MIN.
204A	MEN'S ROOM	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			09 PA	
205A	WOMEN'S ROOM	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			09 PA	
206A	OPEN OFFICE	●		HM	PTD	9	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				05	
206B	OPEN OFFICE	●		HM	PTD	9	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				05	
206C	OPEN OFFICE	●		HM	PTD	9	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				05	
207A	LUNCH ROOM	●		HM	PTD	10	6' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				15A	
207B	LUNCH ROOM	●		HM	PTD	9	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				15B	
207P	INSPECTION OFFICE	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				05	
208A	TRAINING	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				10	
208B	TRAINING	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				10	
209	ELEC		●	HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				16C.1 A	
210A	STORAGE	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				14B RA	
210B	STORAGE	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				14B RA	
211	TCR	●		HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				07B	
212	COMM		●	HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3		45 MIN.		16B.3.1	
213	YARD CONTROL ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				00	
213A	RESTROOM	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			19	
215	JAN.	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				14B RA 1	
216	SHARED CONF ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			20	
217	ELES COPY ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				22A	
218	CMNT LOCKABLE SPACE	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				14B RA	
219	ELES LOCKABLE SPACE	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				14B RA	
220	SHARED MEETING ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			20	
221	CMNT QUIET ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			22B	
222	CMNT COPY ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				22A	
223	CMNT MEETING ROOM	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H6	J6	T7			20	
M01B	SMALL STORES	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4				14B PA	
M02	MECH ROOM	●		HM	PTD	3	6' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				17B	
M03	COMMUNICATIONS ROOM		●	HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3		45 MIN.		16C.1	
M04	ELECTRICAL ROOM		●	HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H3	J3				16C.1	
S1A	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2			03A	
S1B	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4	–	60 MIN.		03B.1	
S1C	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4	–	60 MIN.		03B.1	
S2A	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2	90 MIN.		03B	
S2B	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	–	90 MIN.		03B.2	
S2C	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	–	90 MIN.		03B.1	
S2D	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	–	90 MIN.		03B.1	
S2E	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H4	J4	–	90 MIN.		03B.1	
S2F	STAIR	●		HM	PTD	2	3' – 0"	7' – 0"	0'–1 3/4"	A	H4	J4	T2	90 MIN.		23	
S3A	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4	–	60 MIN.		03B.1	
S3B	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	A	H2	J2	T2	60 MIN.		03B	
S3C	STAIR	●		HM	PTD	1	3' – 0"	7' – 0"	0'–1 3/4"	B	H4	J4	–	60 MIN.		03B.1	

NOTE: MOUNTING HEIGHTS PER ADA FOR DOOR AND GATE HARDWARE: DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (864 MM) MINIMUM AND 48 INCHES (1219 MM) MAXIMUM ABOVE THE FINISHED FLOOR.

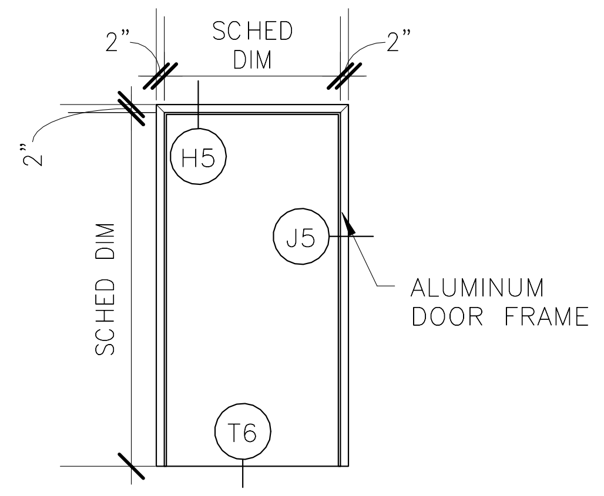
1) INSTALL DOOR HARDWARE AT 36" ABOVE FINISH FLOOR (TYPICAL).
2) PANIC/EXIT HARDWARE SHALL BE MOUNTED SUCH THAT THE HARDWARE DOES NOT OBSTRUCT THE VISION LITE.



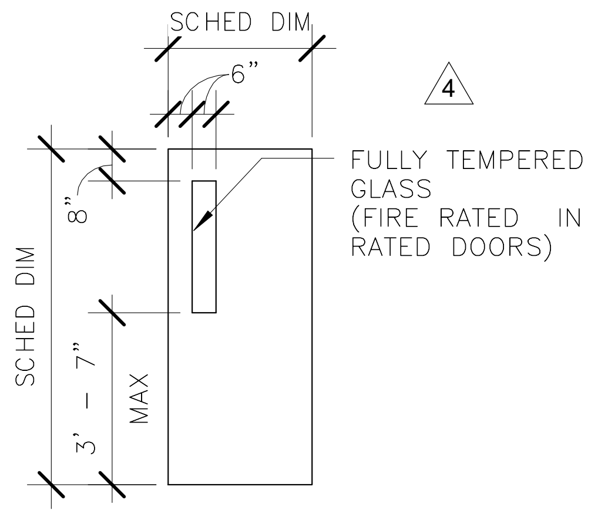
A HOLLOW METAL FRAME
1/4" = 1'-0"



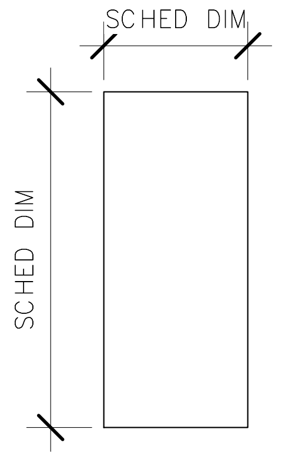
B HOLLOW METAL FRAME - 4"
1/4" = 1'-0"



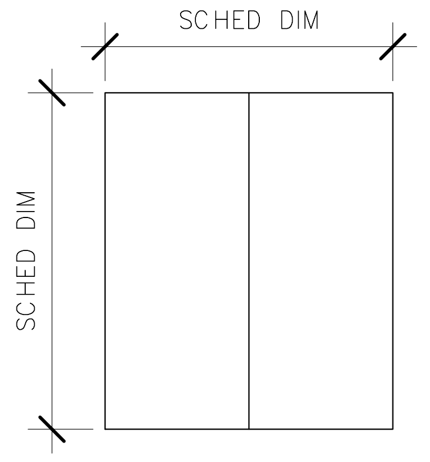
C ALUMINUM FRAME
1/4" = 1'-0"



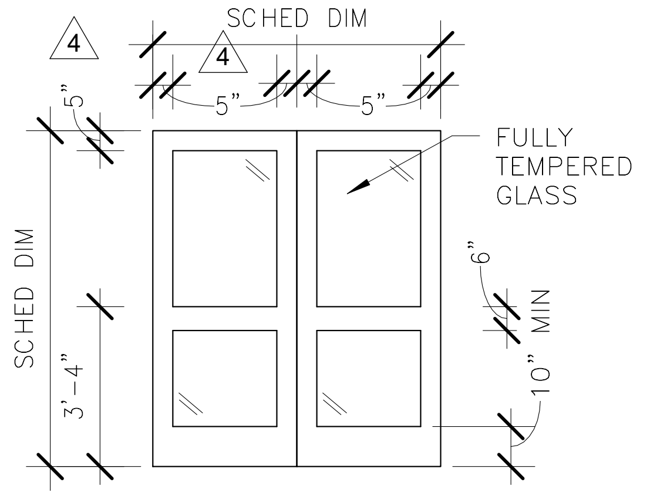
1 VISION DOOR
1/4" = 1'-0"



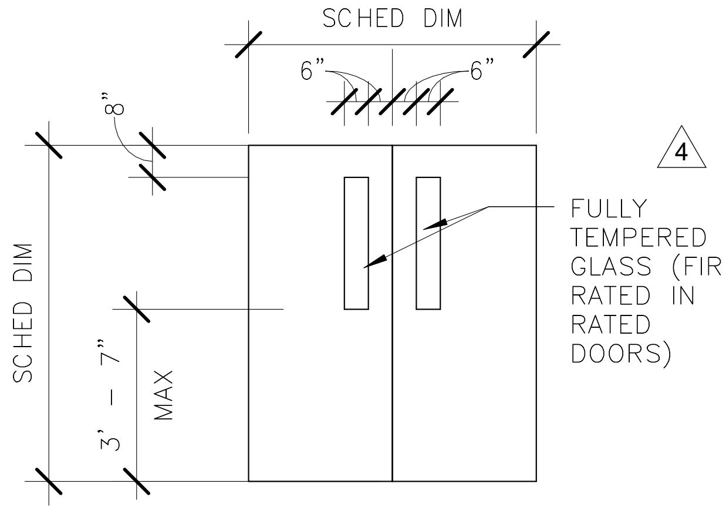
2 FLUSH DOOR
1/4" = 1'-0"



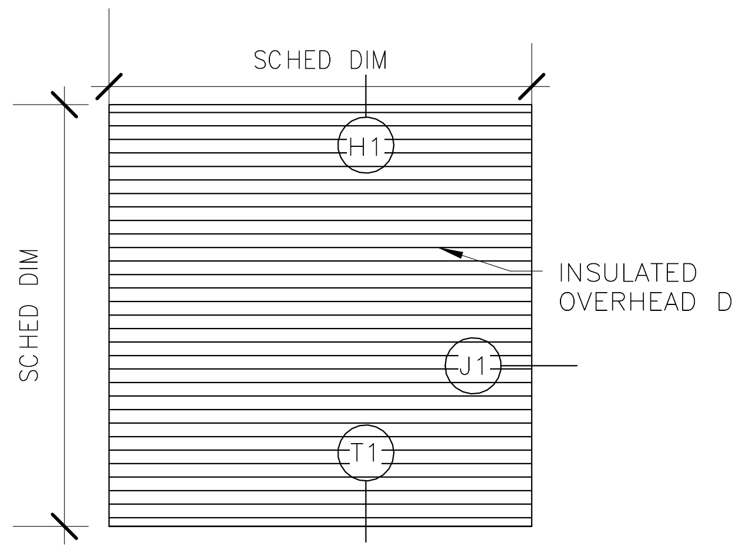
3 SLAB DOOR
1/4" = 1'-0"



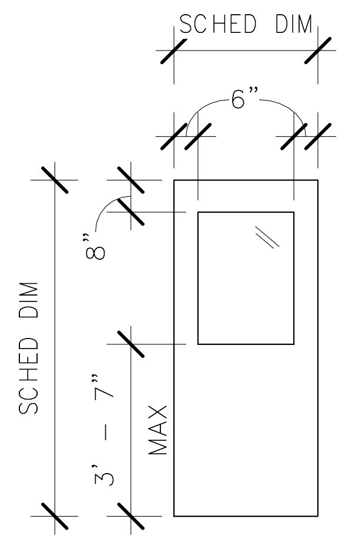
4 STOREFRONT DOOR
1/4" = 1'-0"



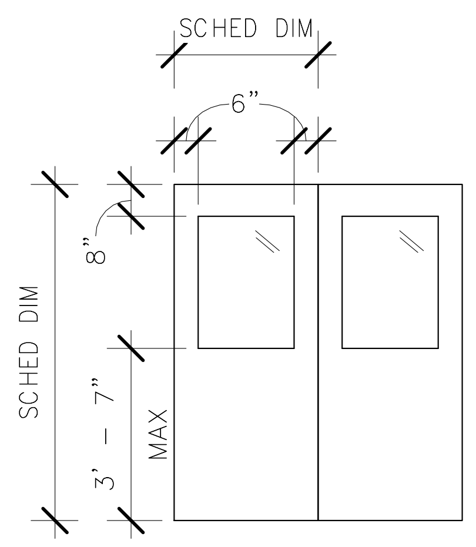
6 VISION DOOR
1/4" = 1'-0"



7 INSULATED OVERHEAD DOOR
1/4" = 1'-0"



9 VISION DOOR
1/4" = 1'-0"



10 VISION DOOR
1/4" = 1'-0"

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
1	05/01/2017	DC 0371: Revise Hardware	RR	CTH	JJK	MLG
2	06/12/2017	Design Change 0388: DL-56 Sound Atten.	LK	CTH	JJK	MLG
3	09/29/2017	Design Change 0386: DL-35 Clean Rm	LK	CTH	JJK	MLG
4	07/11/2017	DC 0426: IFP Systemwide Arch Updates	LK	CTH	JJK	MLG
5	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
6	10/23/2017	Design Change 0567: Revised Head/Jamb	LK	CTH	JJK	MLG
7	11/08/2017	Design Change 0543: Alum SF Hardware	RR	CTH	JJK	MLG
8	12/26/2017	Design Change 0371.1: Revised Hardware	RR	CTH	JJK	MLG
9	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

giuliani
ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.:
8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - DOOR SCHEDULE AND DETAILS

SCALE:
AS NOTED

DRAWING NO.:
N99-SIB-A-611

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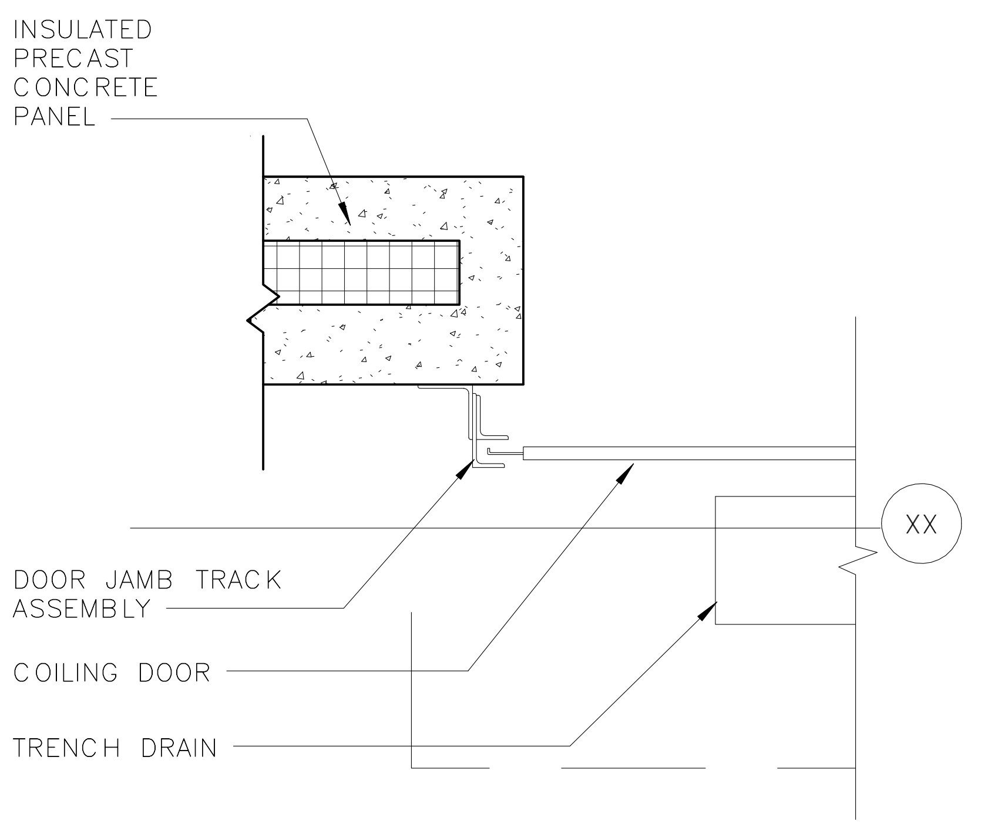
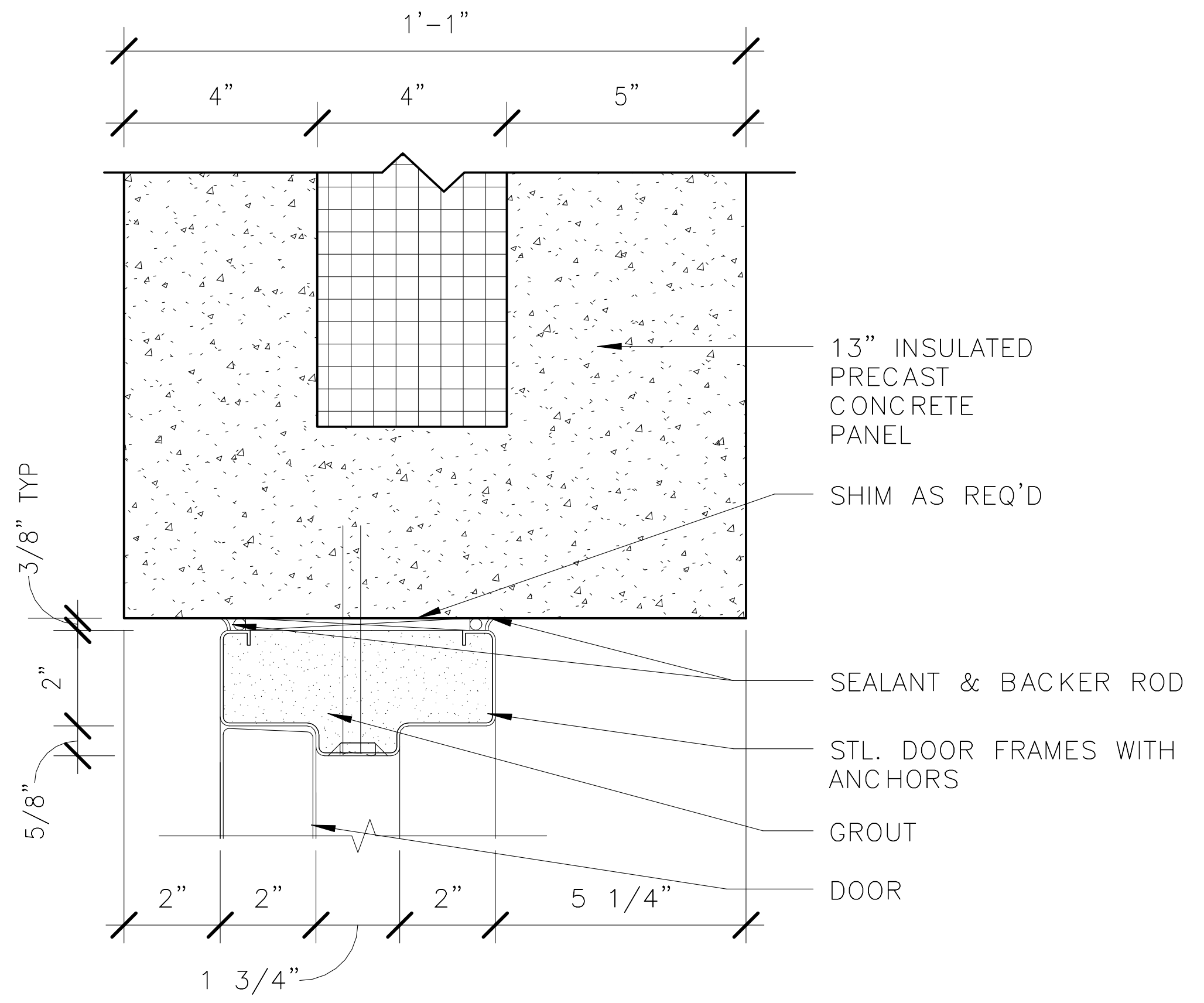


J1
N99-SIB-A-612

J1 - JAMB DETAIL
1" = 1'-0"
1 1/2 0 1 2



J2
N99-SIB-A-612

J2 - JAMB DETAIL
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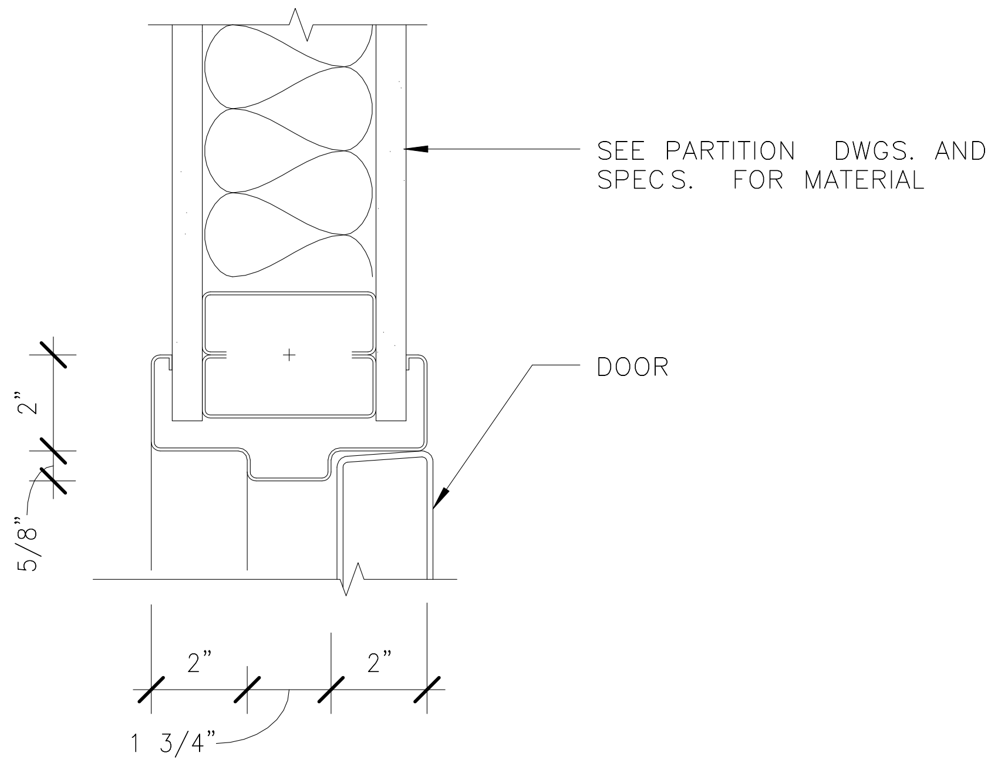
6 4 2 0 6



J3
N99-SIB-A-612

J3 - JAMB DETAIL
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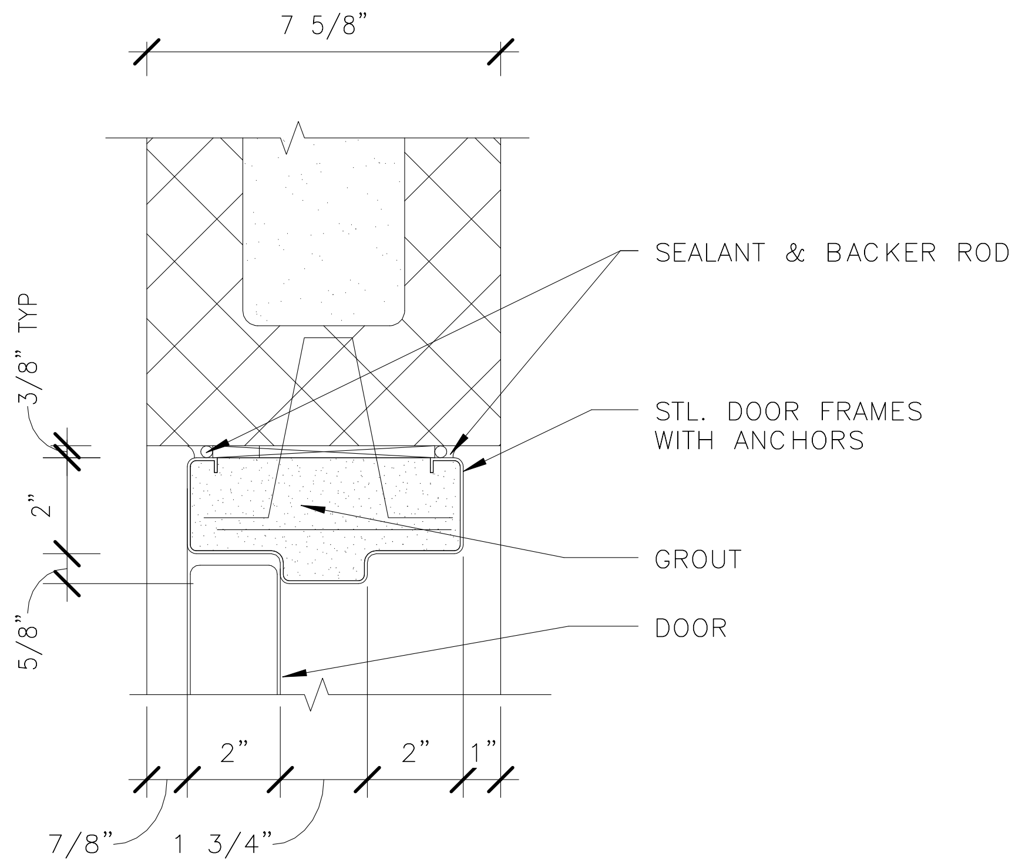

J4
N99-SIB-A-612

J4 - JAMB DETAIL
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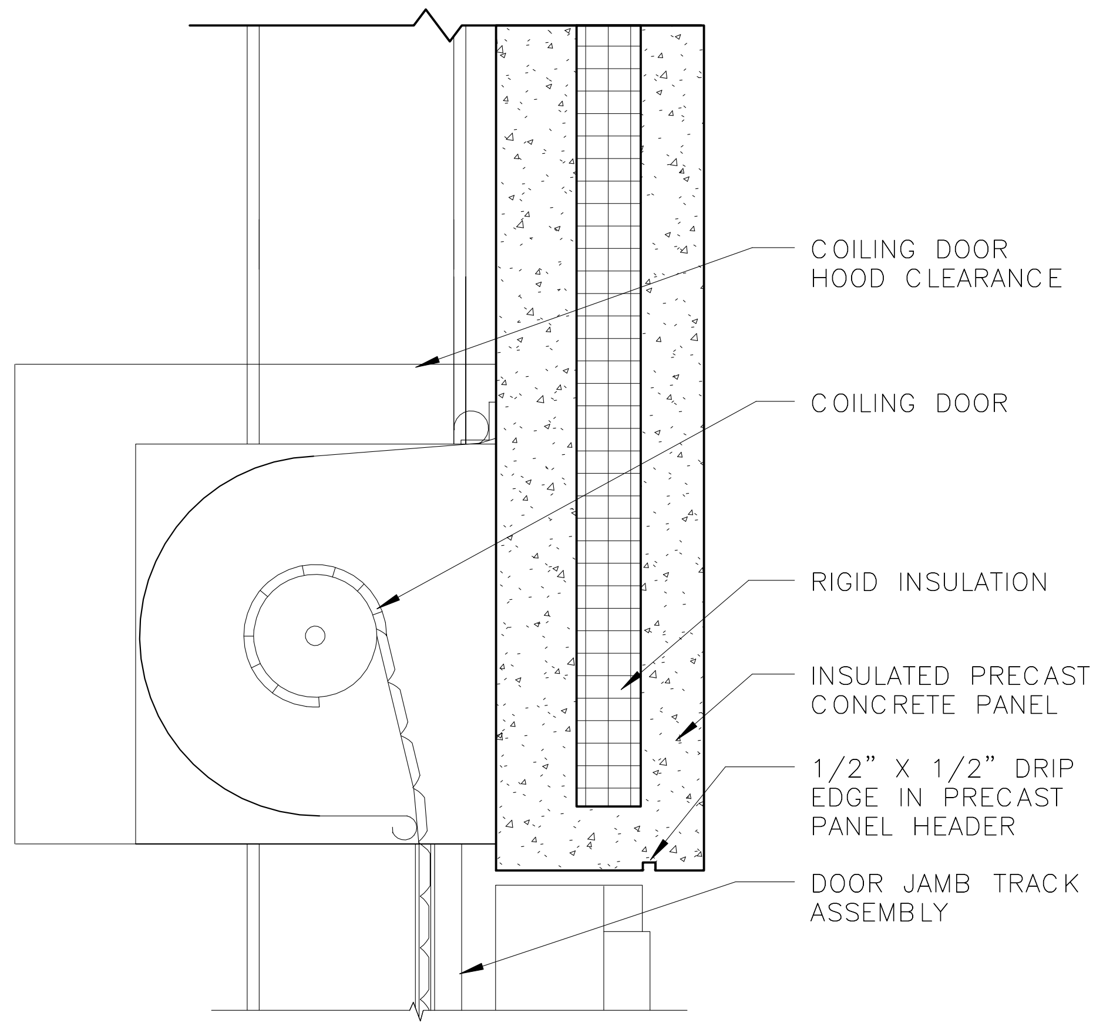

H1
N99-SIB-A-612

H1 - HEAD DETAIL
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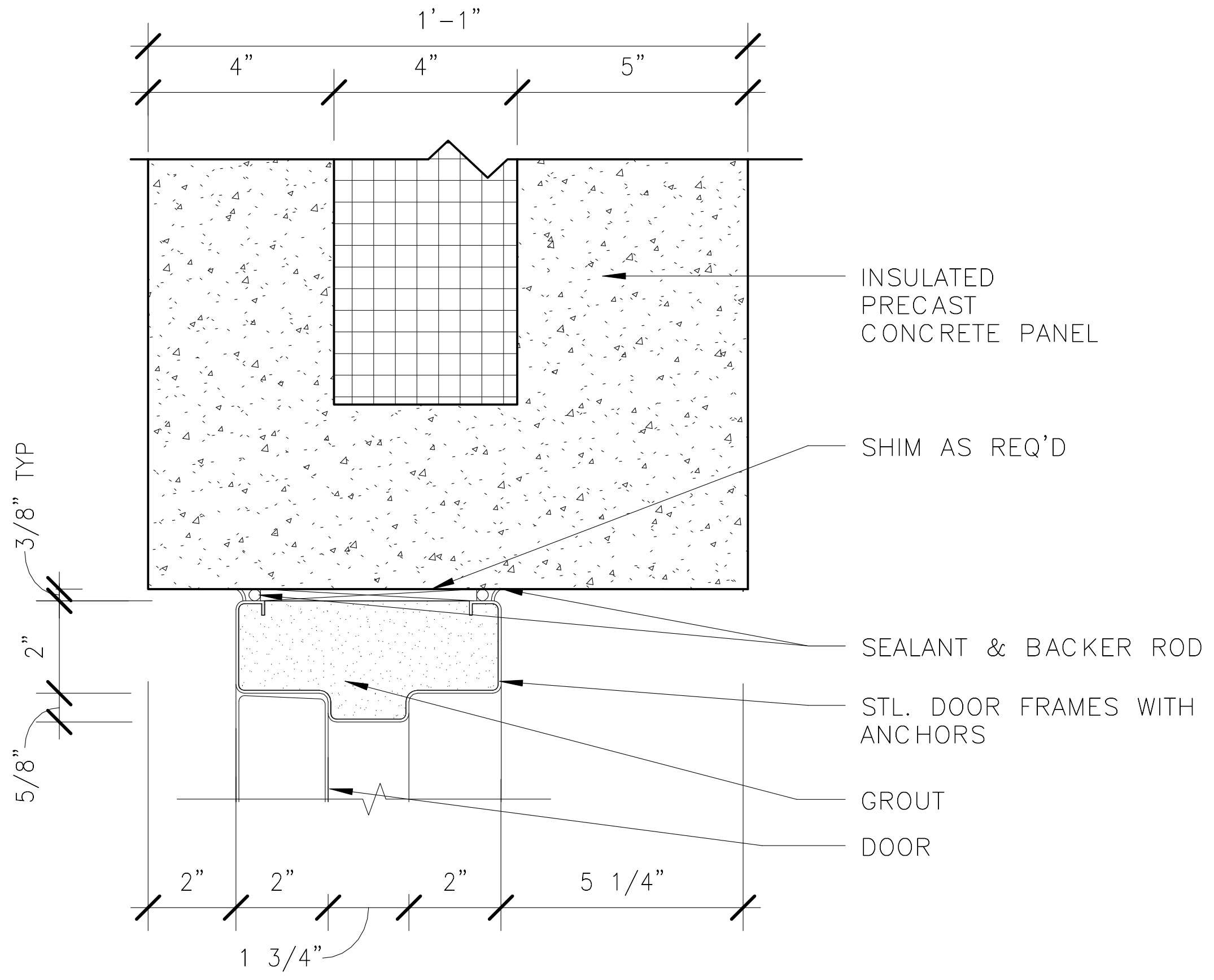

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H2 - HEAD DETAIL
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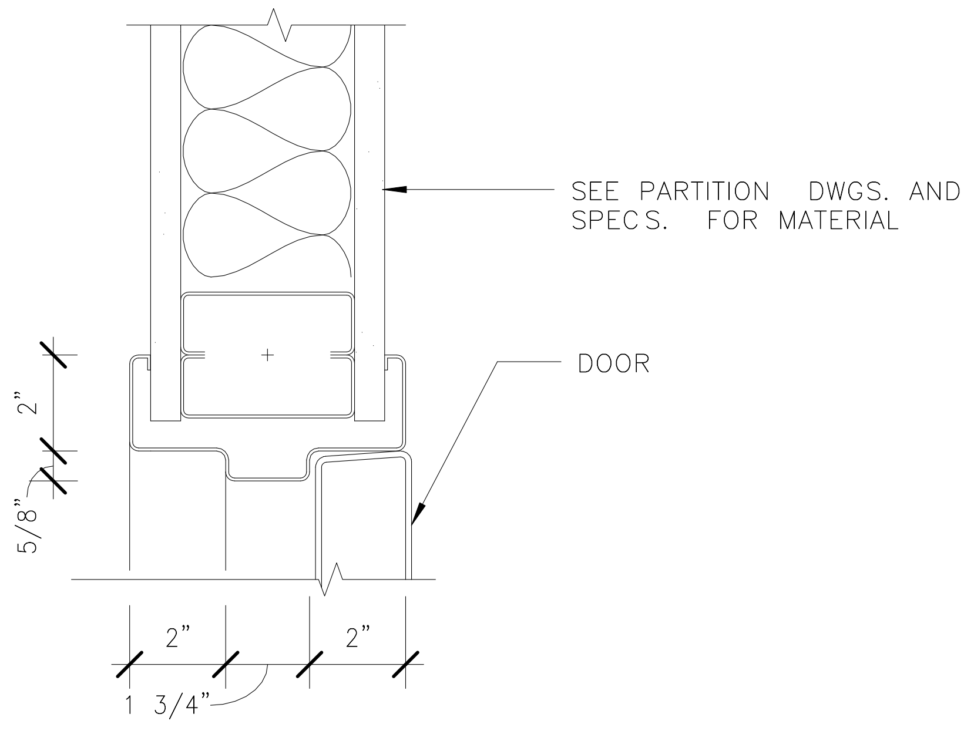

H3
N99-SIB-A-612

H3 - HEAD DETAIL
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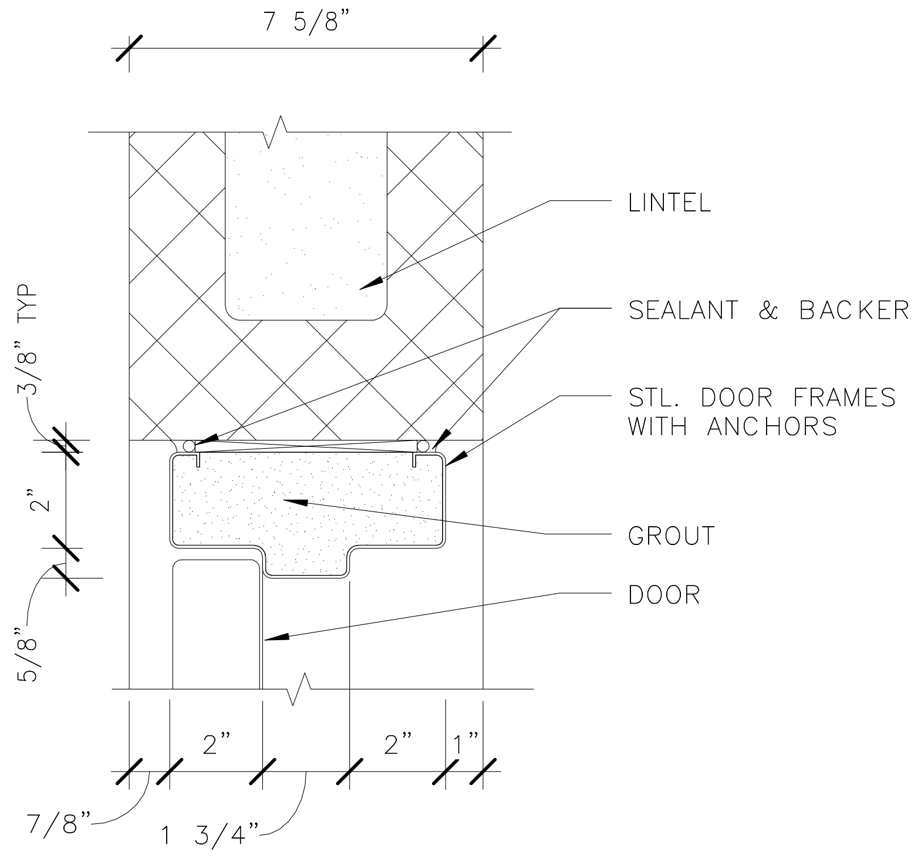

H4
N99-SIB-A-612

H4 - HEAD DETAIL
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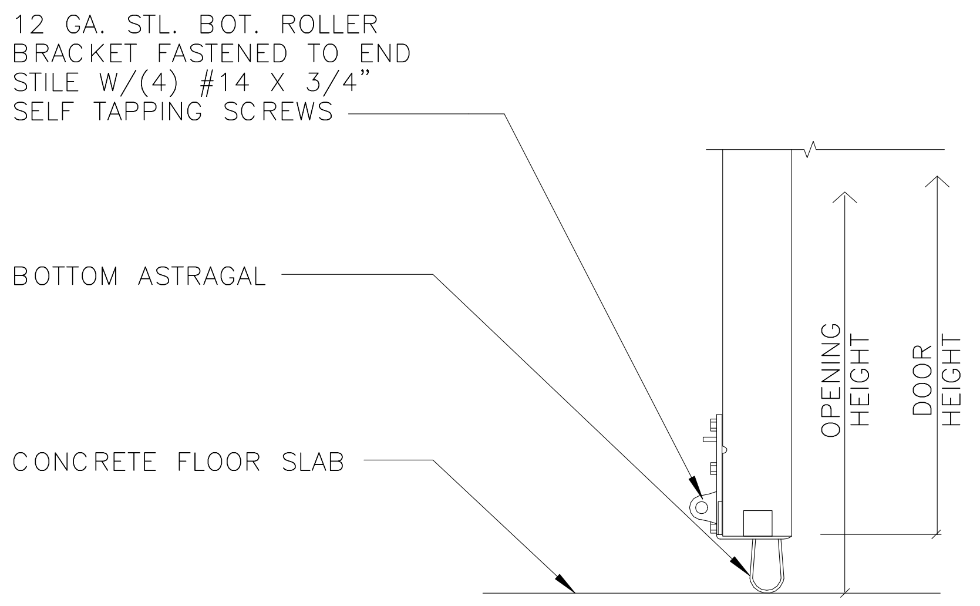

T1
N99-SIB-A-612

T1 - THRESHOLD DETAIL
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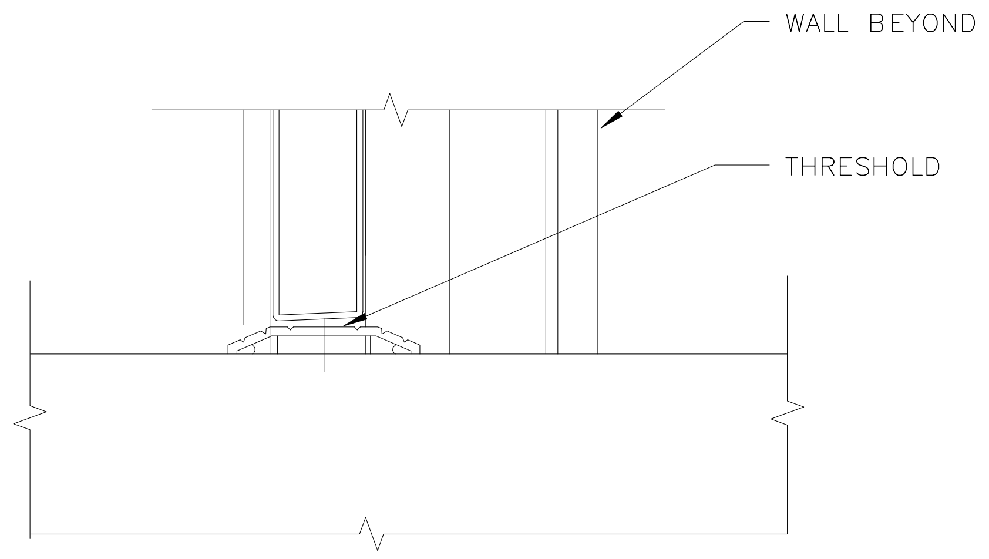
6 4 2 0 6



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N99-SIB-A-612

T2 - THRESHOLD DETAIL
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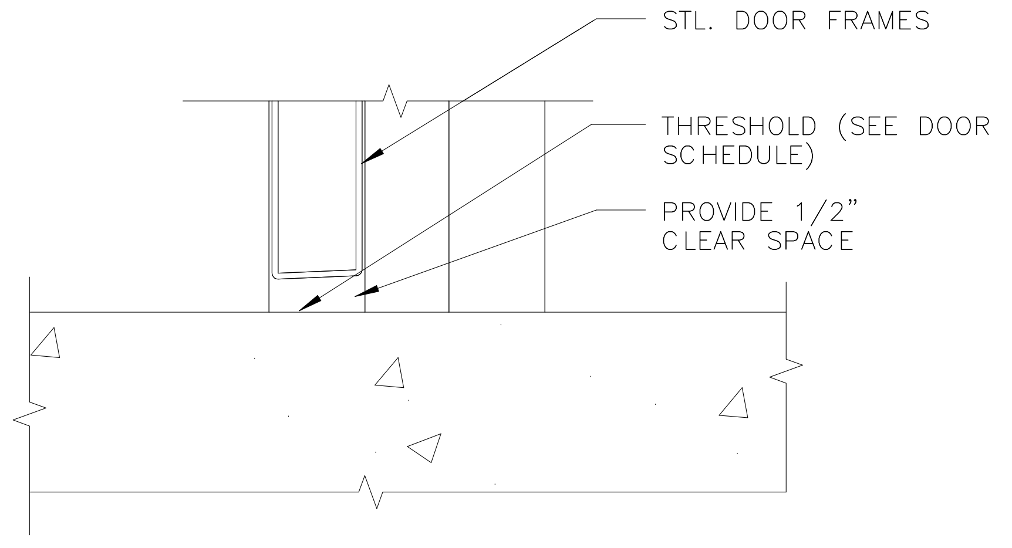

T3
N99-SIB-A-612

T3 - THRESHOLD DETAIL
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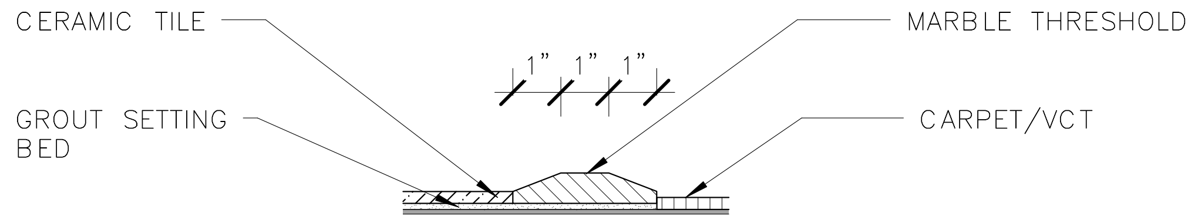
6 4 2 0 6



T4
N99-SIB-A-612

T4 - THRESHOLD DETAIL
3" = 1'-0"
6 4 2 0 6

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE
GIULIANI
No. 011155

giuliani
ASSOCIATES ARCHITECTS

METROPOLITAN WASHINGTON
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WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.:
8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - DOOR JAMB, HEAD AND SILL DETAILS

SCALE:
AS NOTED

DRAWING NO.:
N99-SIB-A-612

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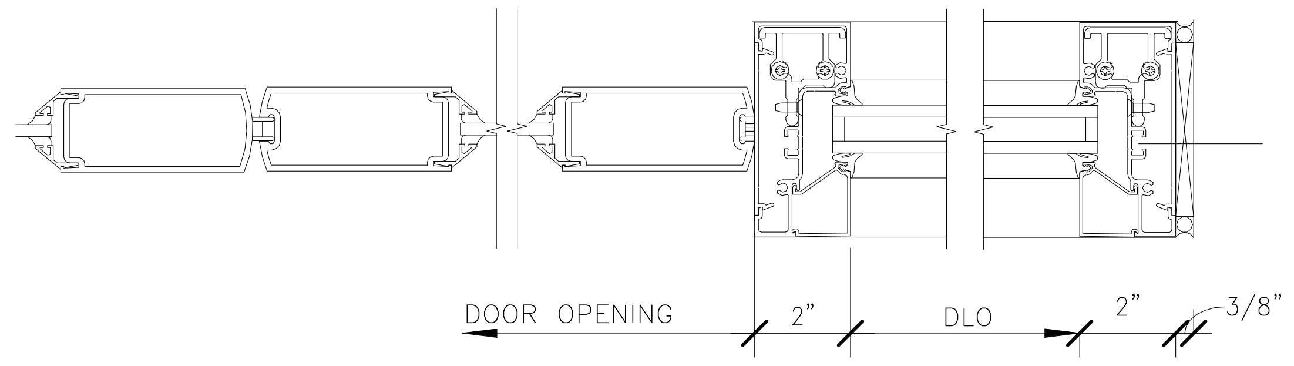
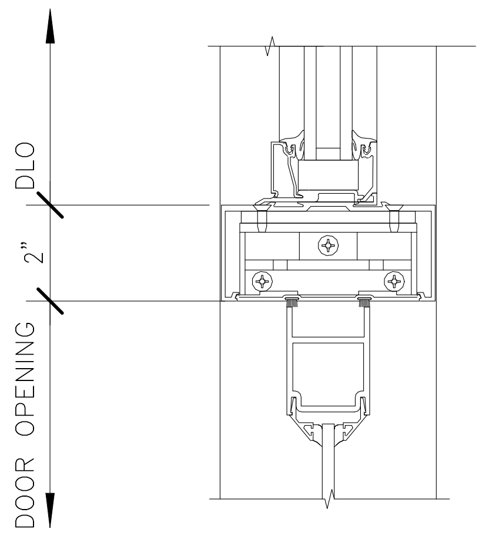


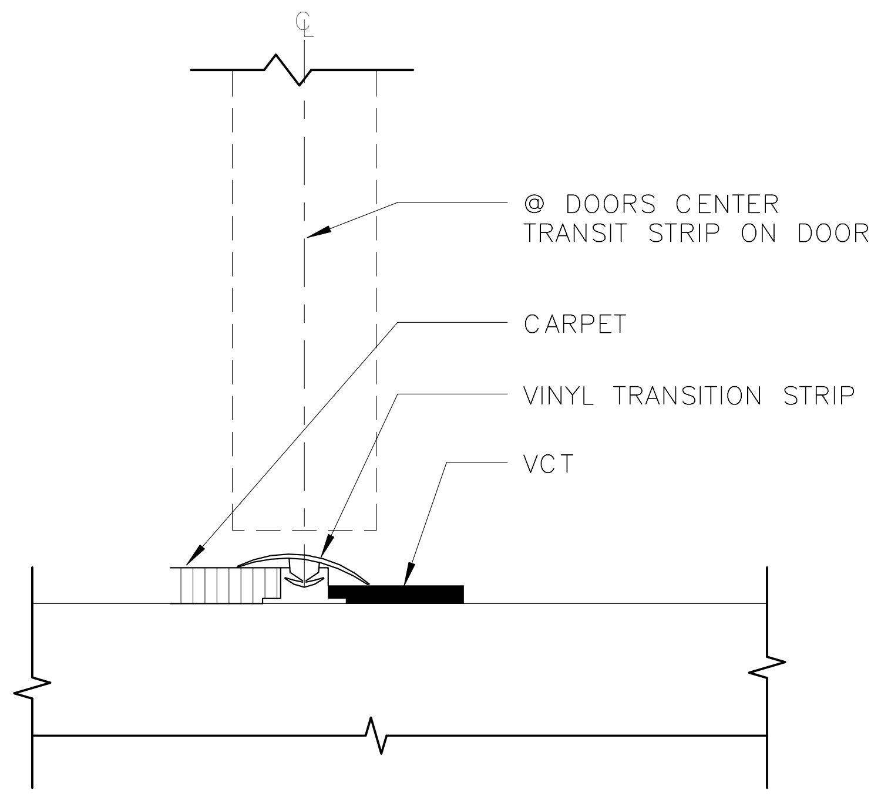
J5
N99-SIB-A-613

J5 - JAMB DETAIL
3" = 1'-0"



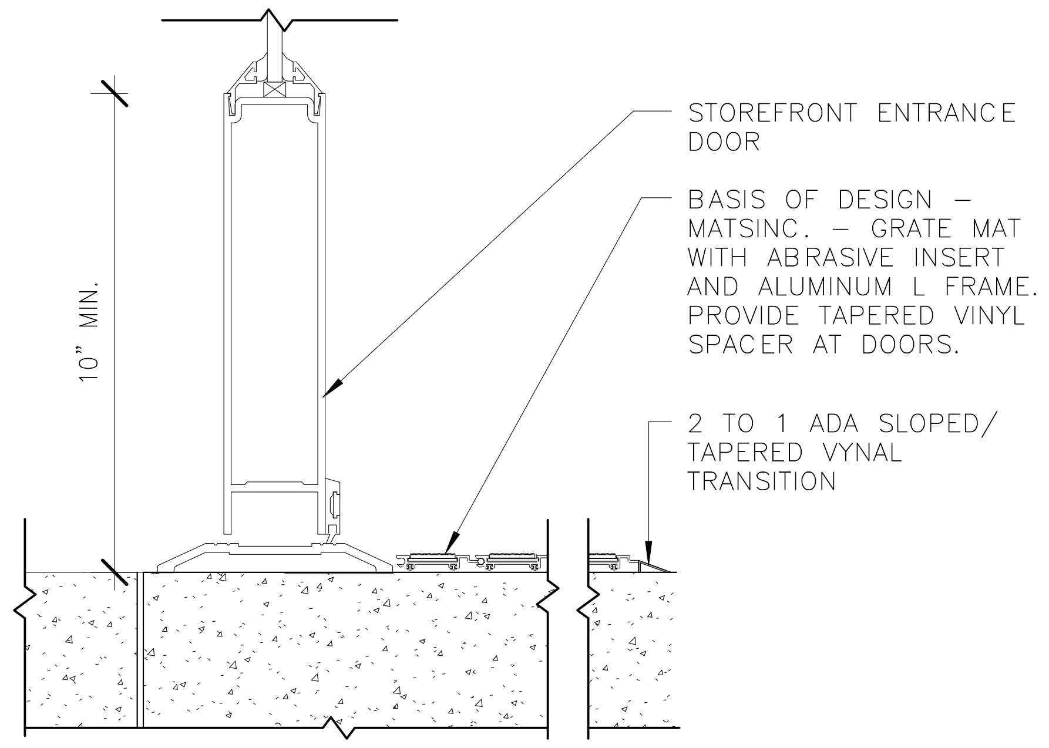
H5
N99-SIB-A-613

H5 - HEAD DETAIL
3" = 1'-0"



T5
N99-SIB-A-613

T5 - THRESHOLD DETAIL
6" = 1'-0"



T6
N99-SIB-A-613

T6 - THRESHOLD DETAIL
3" = 1'-0"

ORIGINATORS	
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DRAWN	DATE
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DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
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METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - DOOR JAMB, HEAD, AND SILL DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-613

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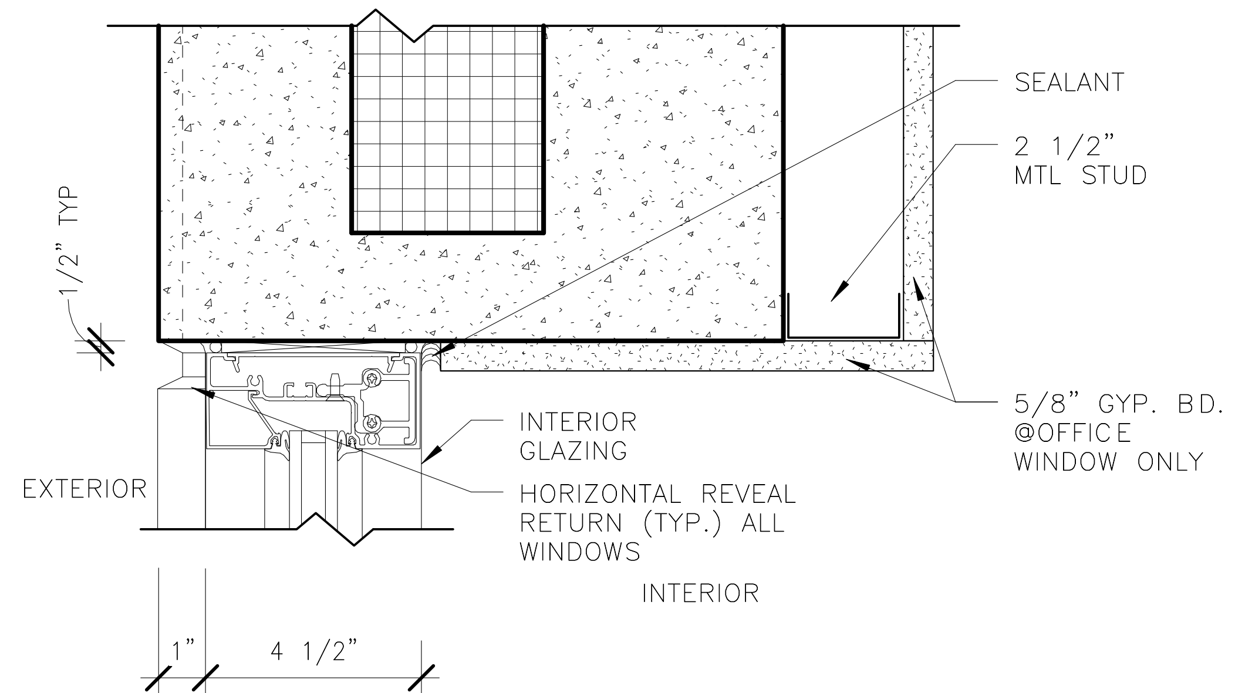
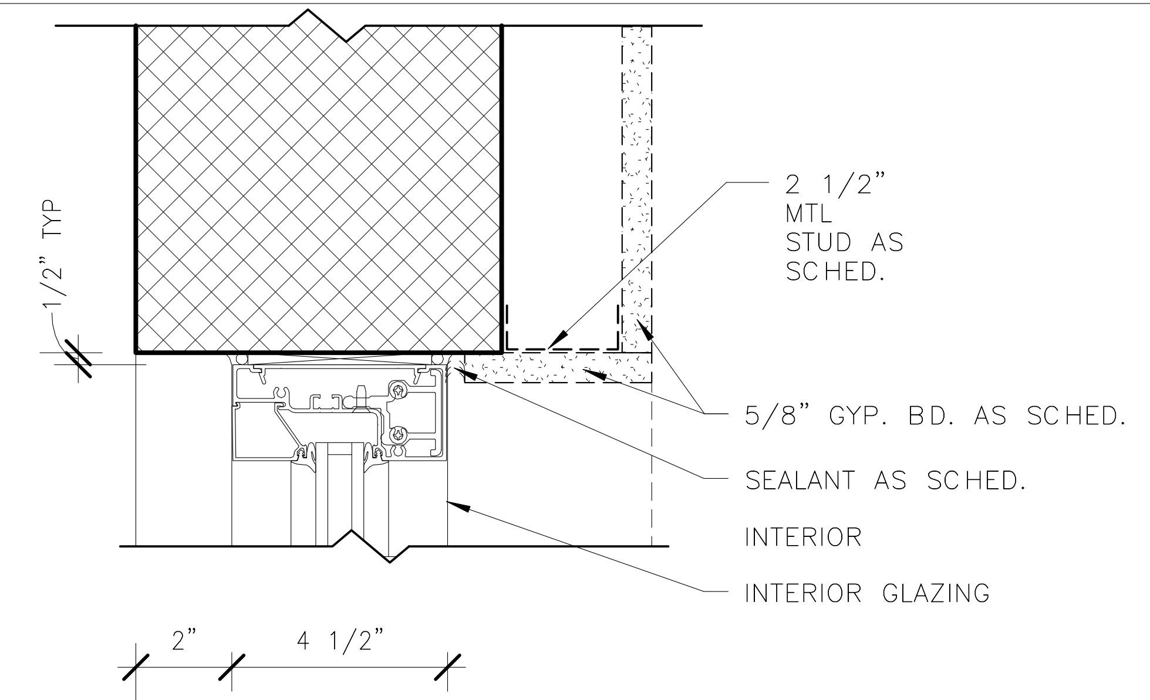
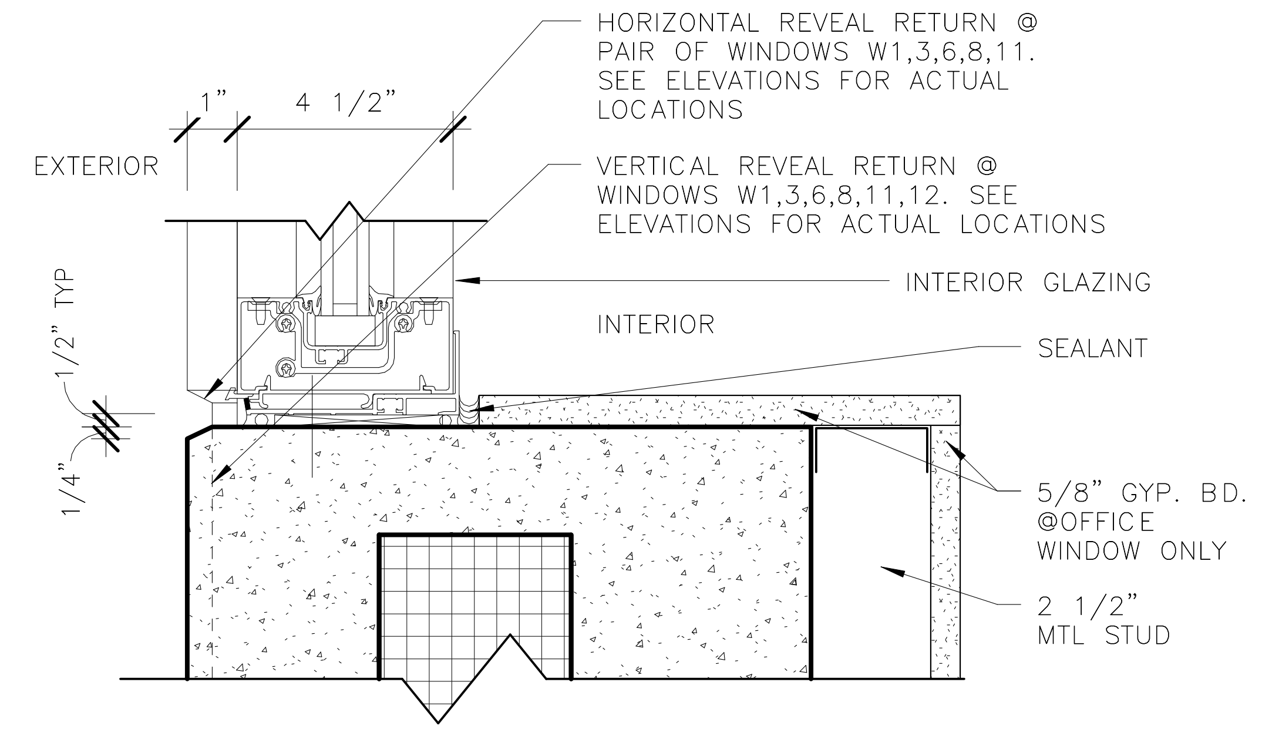


H1 N99-SIB-A-621 HEAD DETAIL
3" = 1'-0"

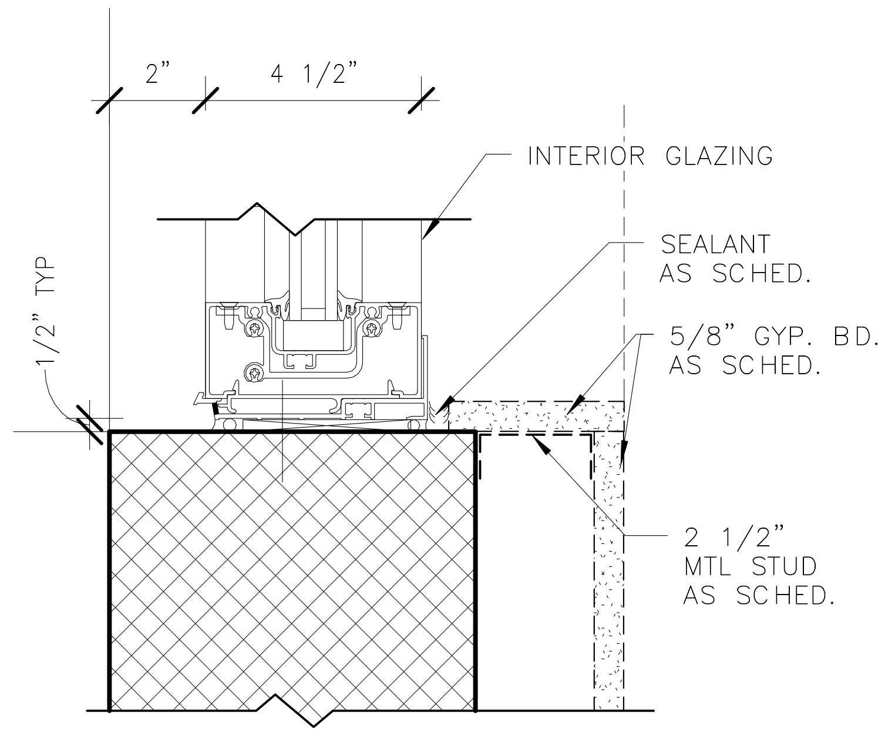


H2 N99-SIB-A-621 HEAD DETAIL
3" = 1'-0"

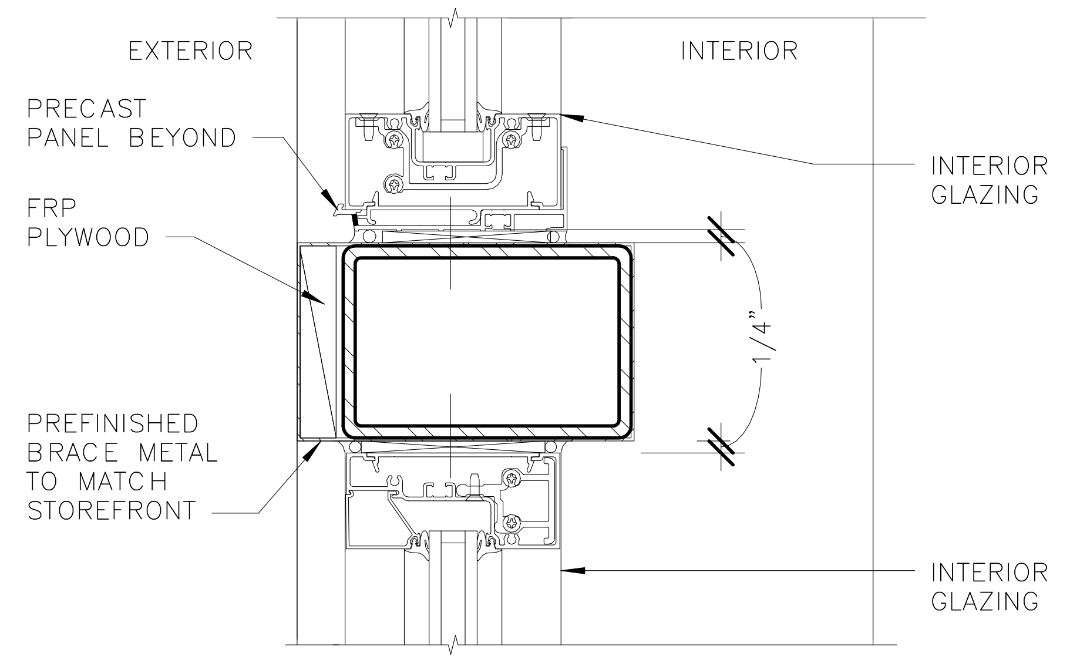
NOTE:
EXTERIOR GLAZING IS TINTED VISION & INTERIOR GLAZING IS CLEAR VISION UNLESS OTHERWISE NOTED



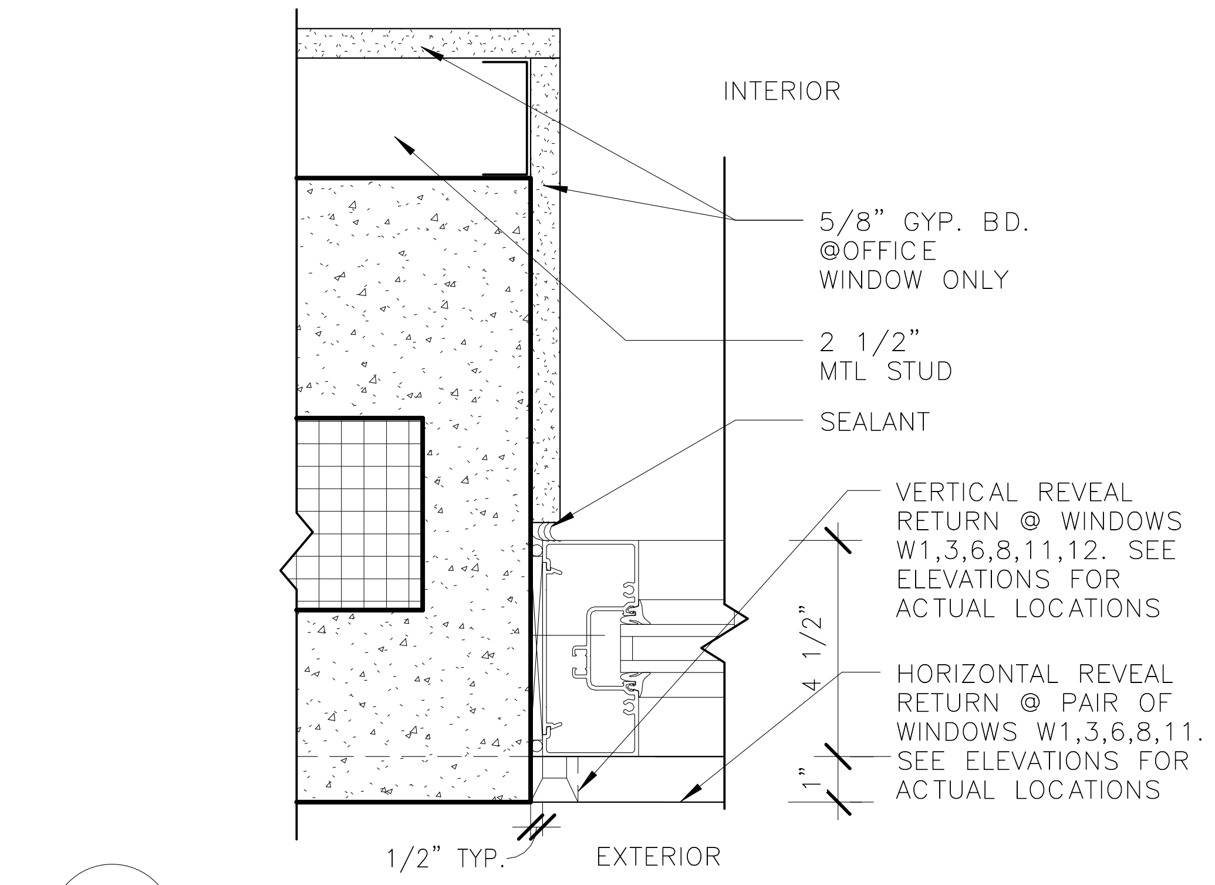
S1 N99-SIB-A-621 SILL DETAIL
3" = 1'-0"



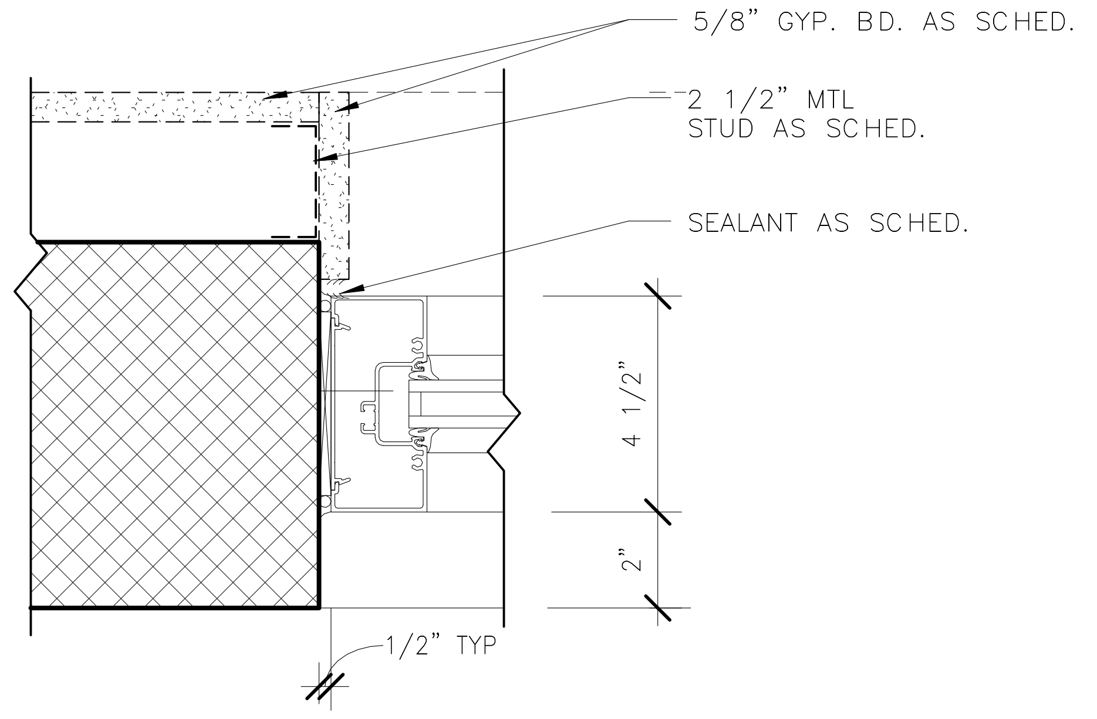
S2 N99-SIB-A-621 SILL DETAIL
3" = 1'-0"



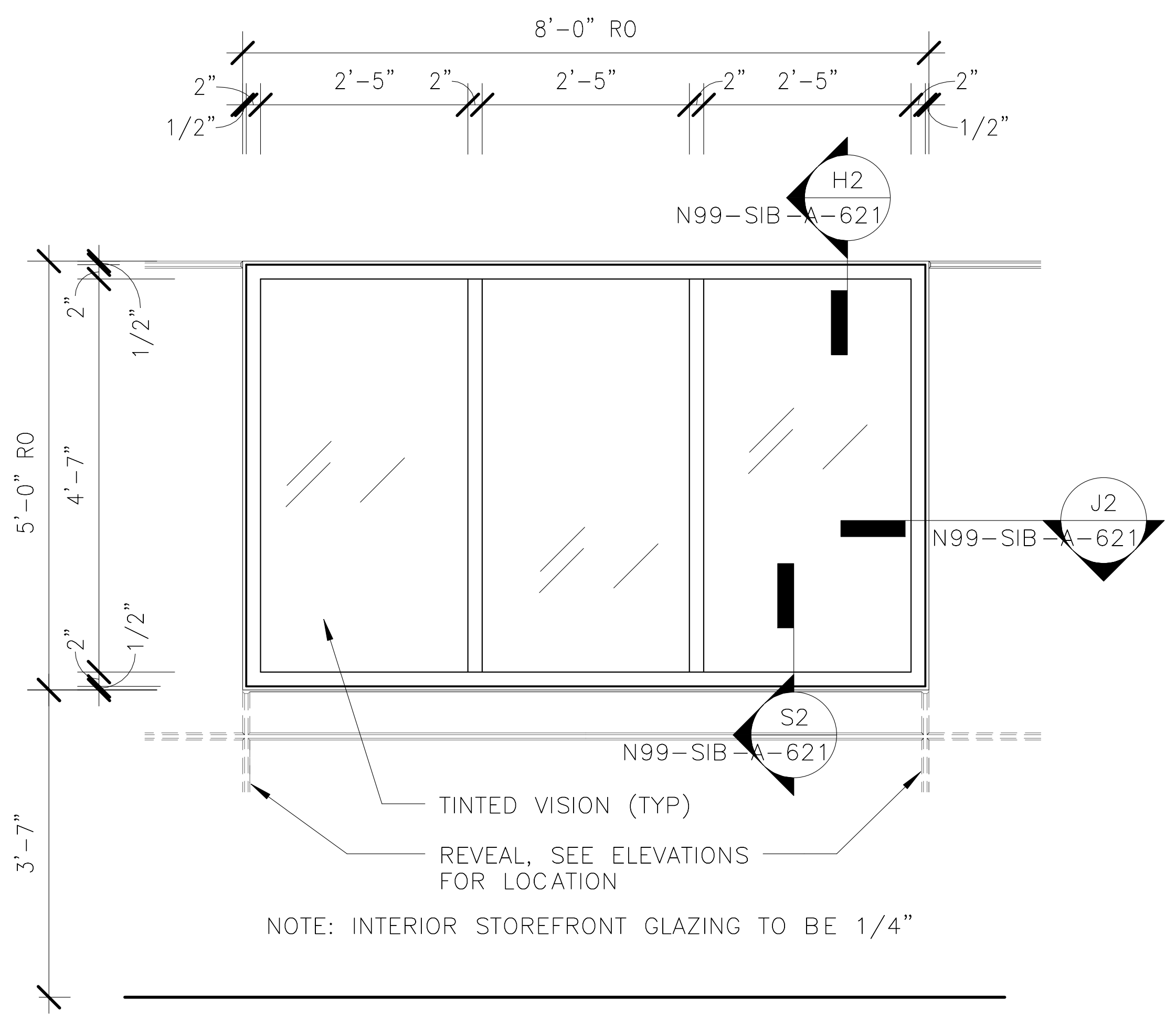
M1 N99-SIB-A-621 MULLION DETAIL
3" = 1'-0"



J1 N99-SIB-A-621 JAMB DETAIL
3" = 1'-0"

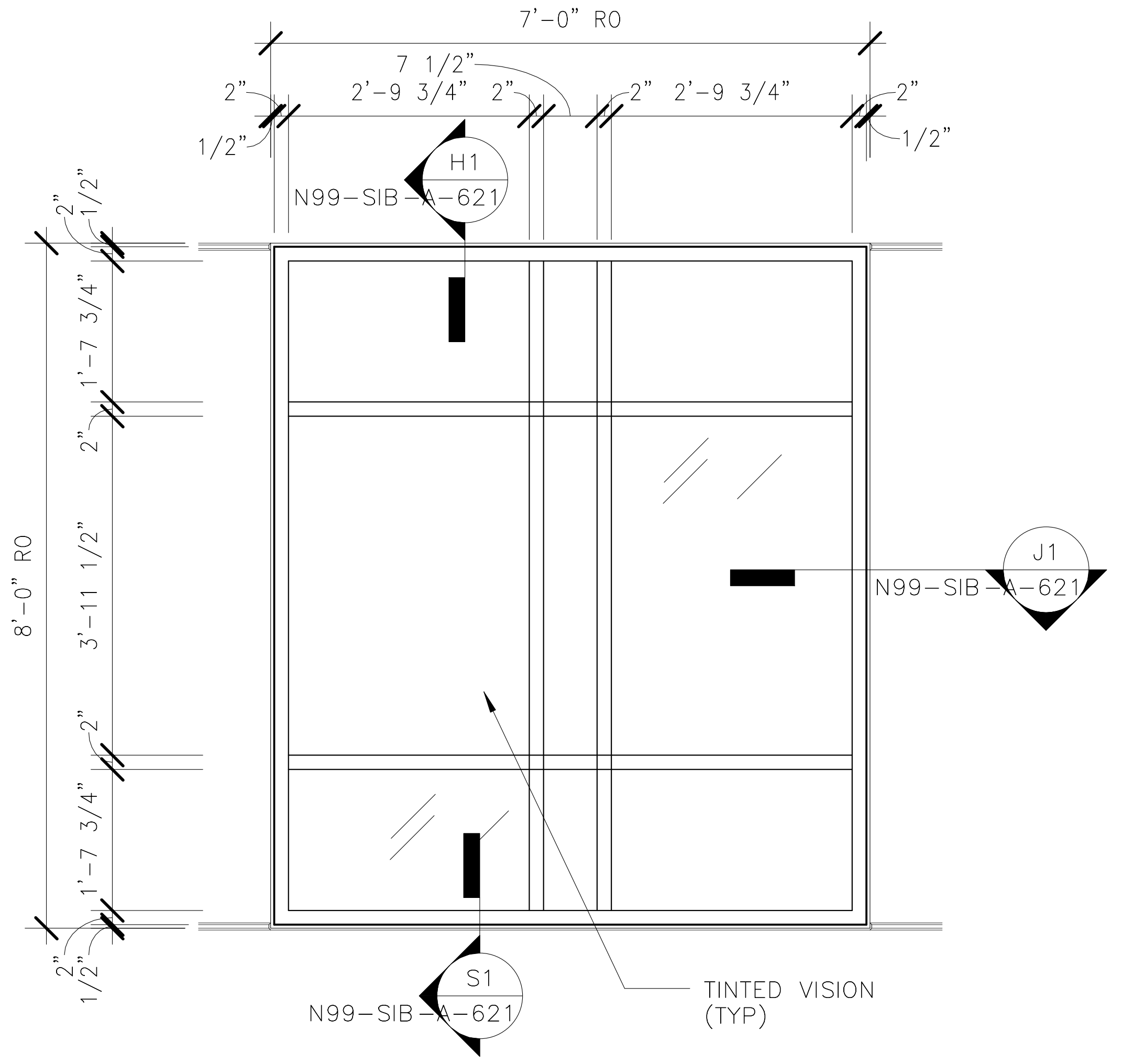


J2 N99-SIB-A-621 JAMB DETAIL
3" = 1'-0"

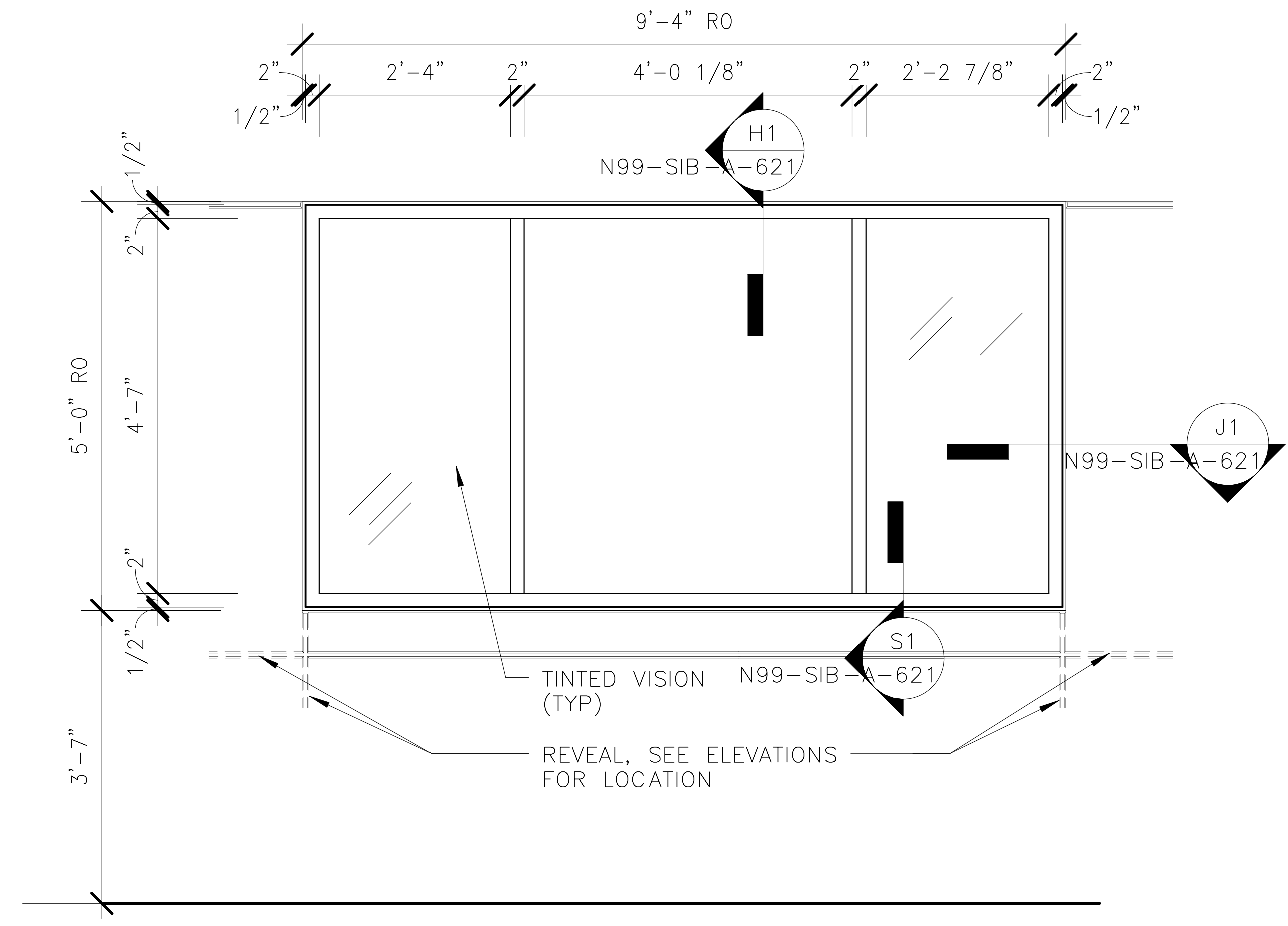


NOTE: INTERIOR STOREFRONT GLAZING TO BE 1/4"

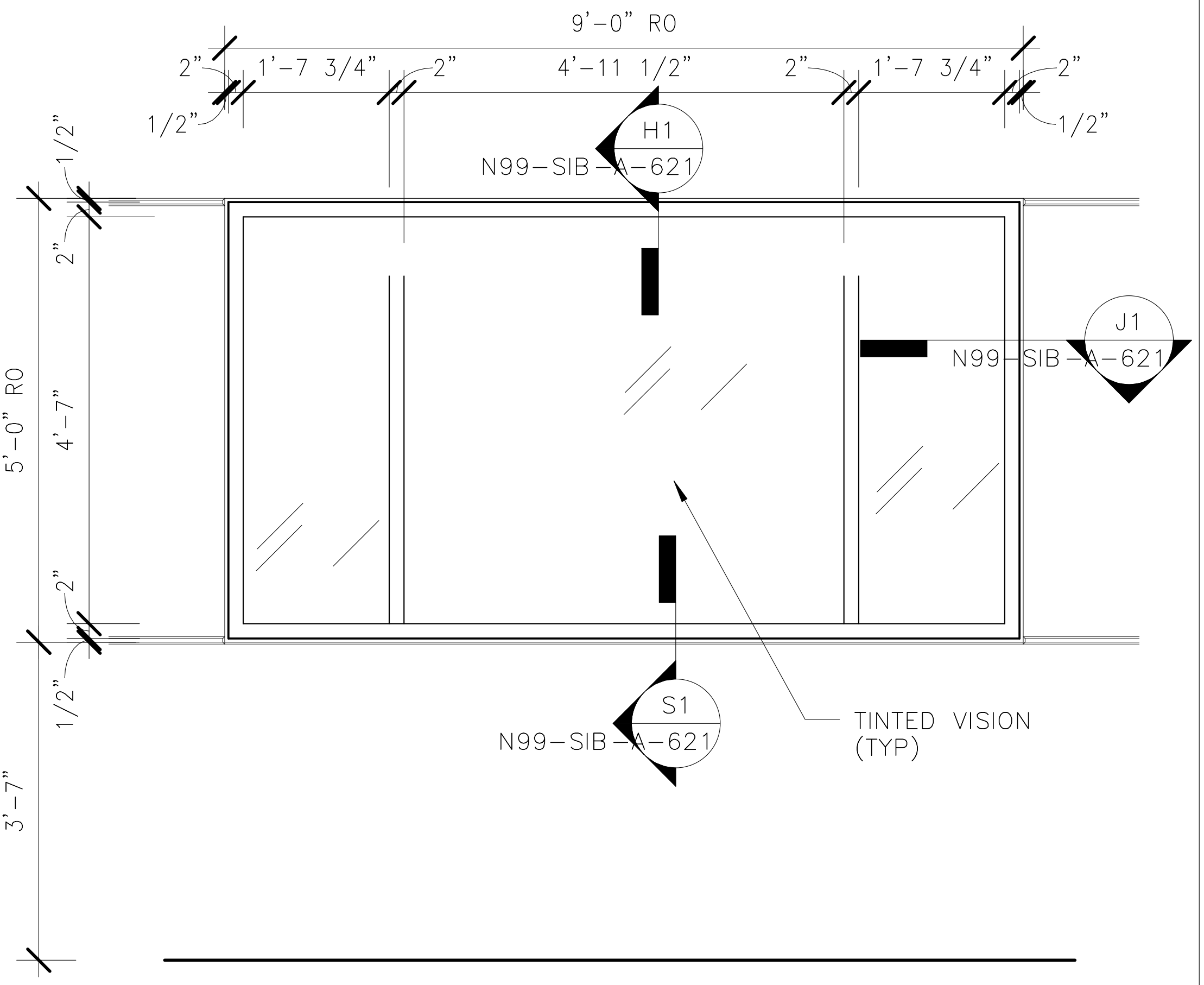
W6 - WINDOW
1/2" = 1'-0"



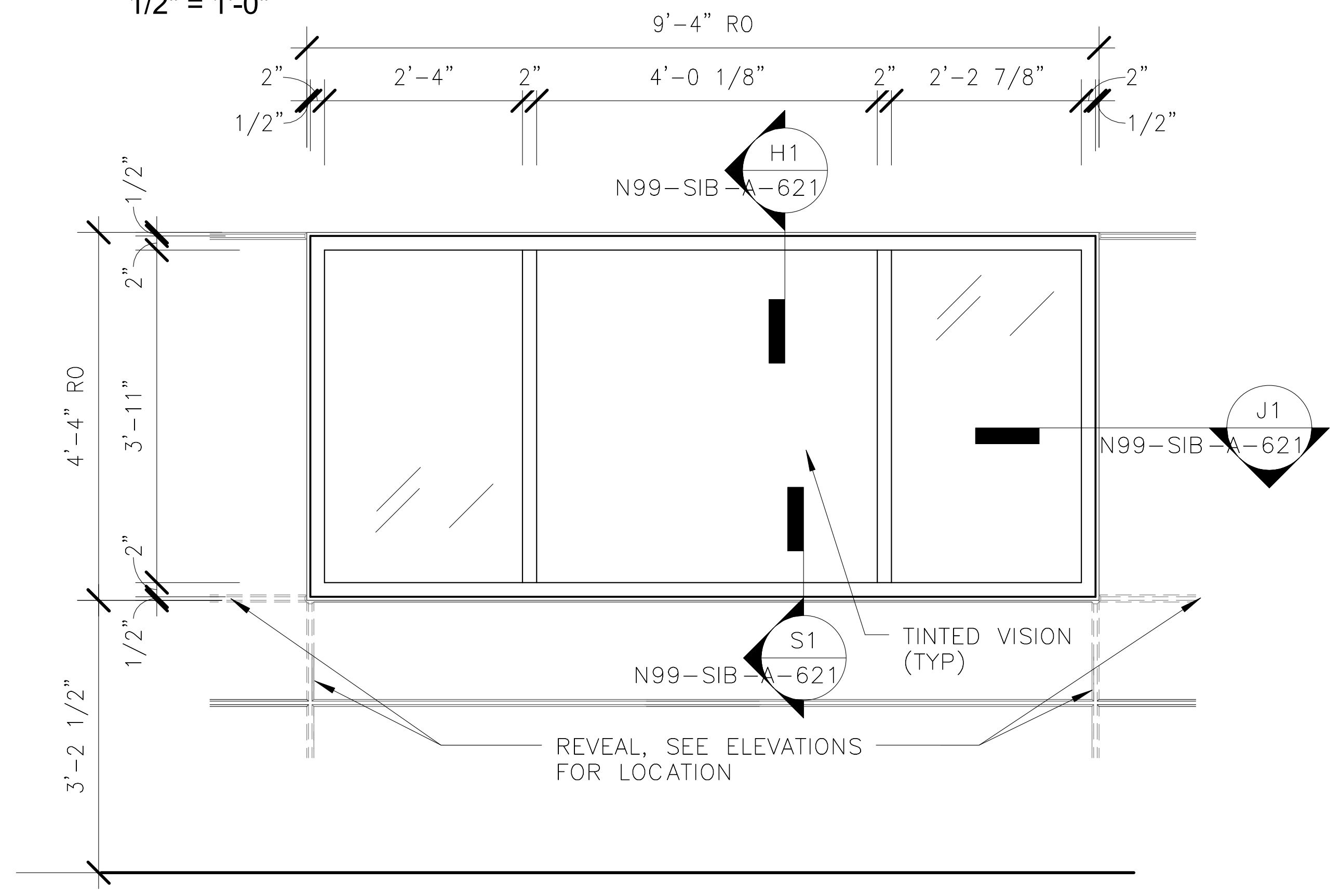
W7 - WINDOW
1/2" = 1'-0"



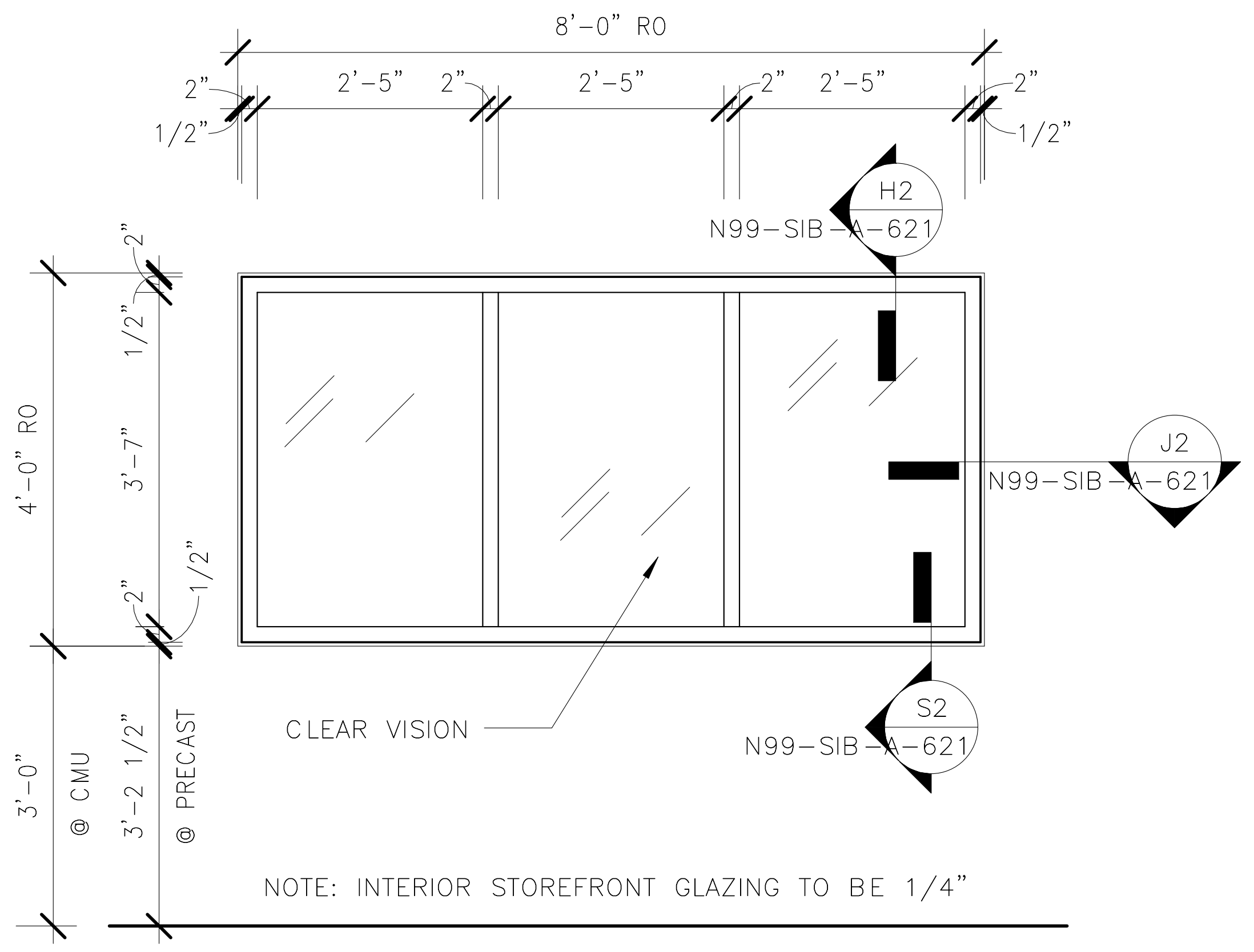
W3 -WINDOW
1/2" = 1'-0"



W5 - WINDOW
1/2" = 1'-0"



W1 -WINDOW
1/2" = 1'-0"



NOTE: INTERIOR STOREFRONT GLAZING TO BE 1/4"

W2 - WINDOWINTERIOR CMU WALL
1/2" = 1'-0"

WINDOW SCHEDULE

MARK	R.O.		TYPE	FRAME		GLAZING		DETAILS			REMARKS (SEE NOTES BELOW)
	WIDTH	HEIGHT		FINISH	MATERIAL	TYPE	THICKNESS	HEAD	JAMB	SILL	
W1	9' – 4"	4' – 4"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W2	8' – 0"	5' – 0"	FIXED	PTD	ALUM	INSUL	1/4"	H2	J2	S2	W2 INTERIOR CMU WALL
W3	9' – 4"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W5	9' – 0"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W6	8' – 0"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W7	7' – 0"	8' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W8	7' – 0"	4' – 4"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W9	8' – 0"	4' – 0"	SLIDER	PTD	ALUM	INSUL	1/4"	H2	J2	S2	W9 INTERIOR CMU WALL
W11	8' – 4"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W12	8' – 4"	4' – 4"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W14	8' – 8"	11' – 2 3/4"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W23	6' – 0"	5' – 0"	FIXED	PTD	ALUM	INSUL	–				SKYLIGHT. SEE 1/A–516
W24	8' – 8"	11' – 2 3/4"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W31	33' – 4"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W32	33' – 10"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W33	8' – 4"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	
W34	9' – 6 1/2"	5' – 0"	FIXED	PTD	ALUM	INSUL	1"	H1	J1	S1	

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REFERENCE DRAWINGS

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20 FEB 17
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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - WINDOW SCHEDULE AND DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-621

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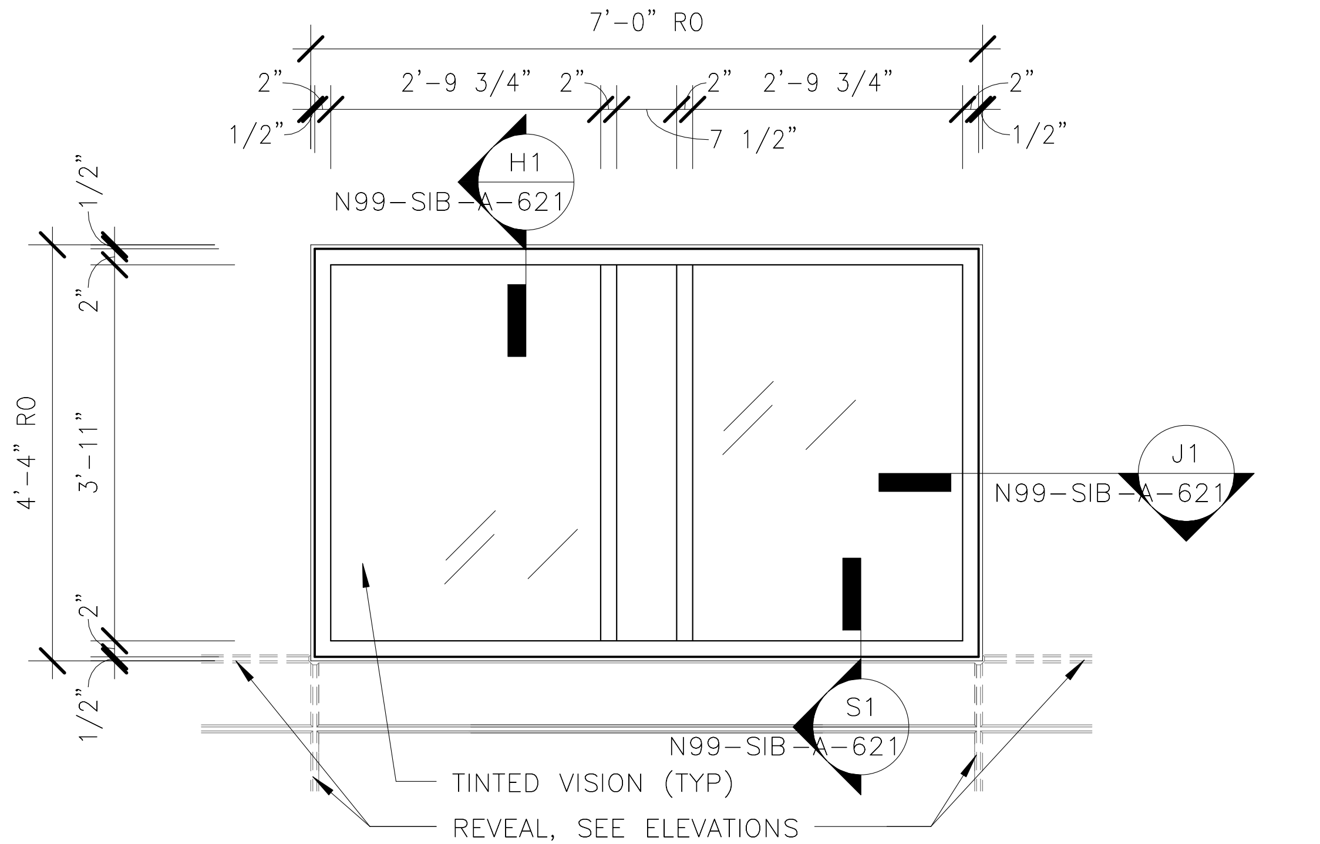
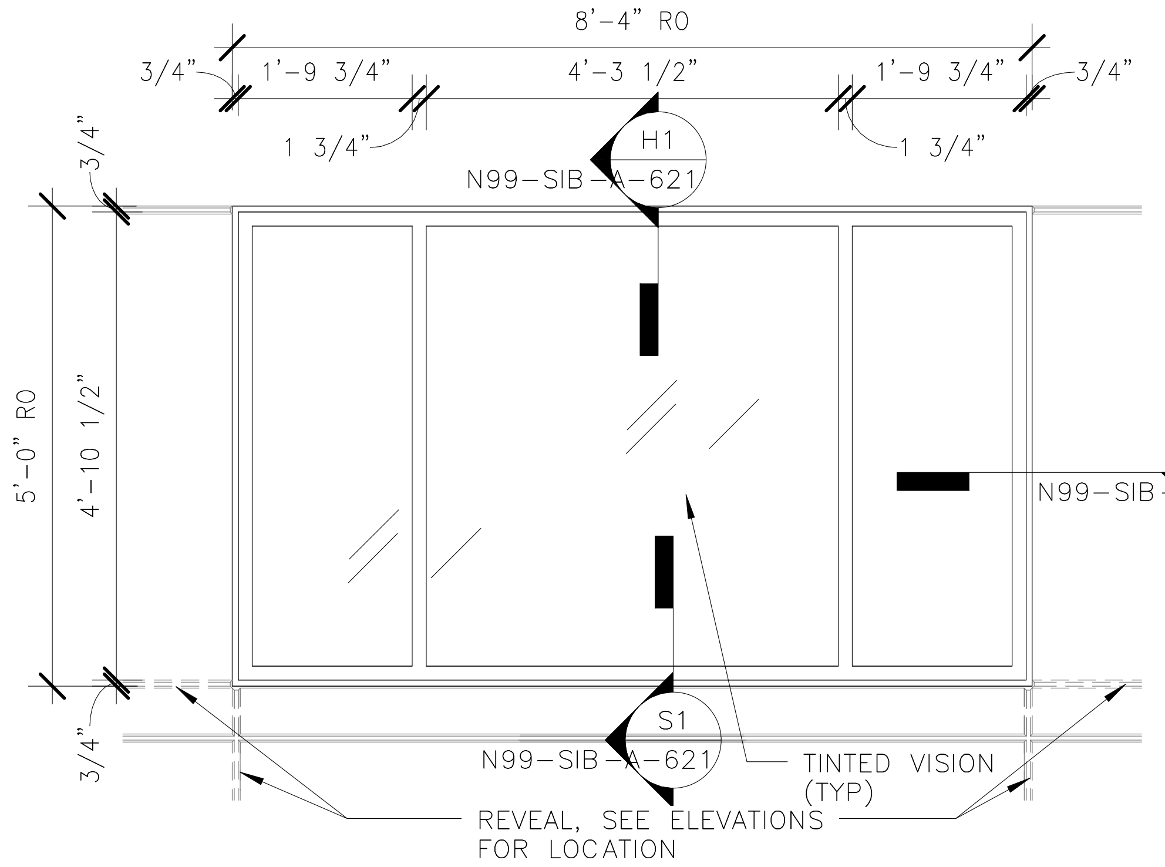
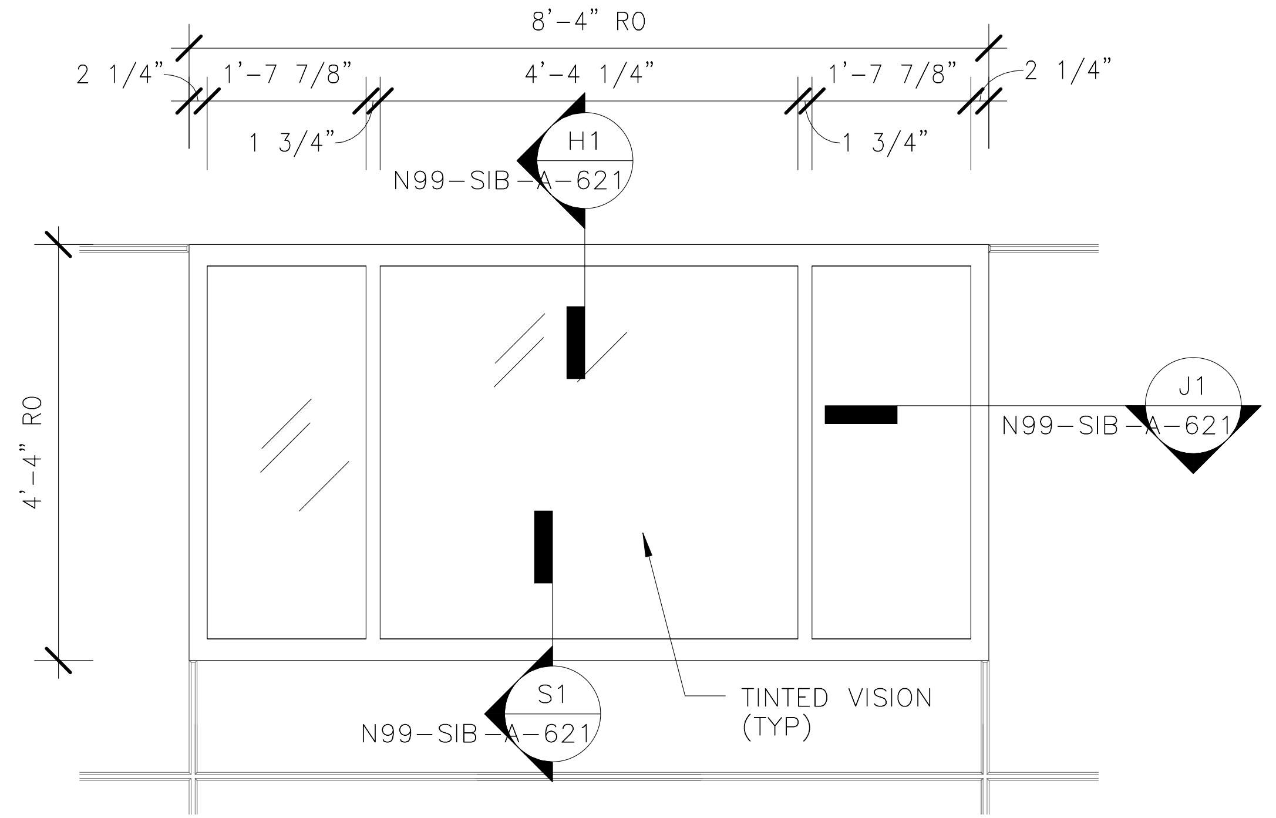


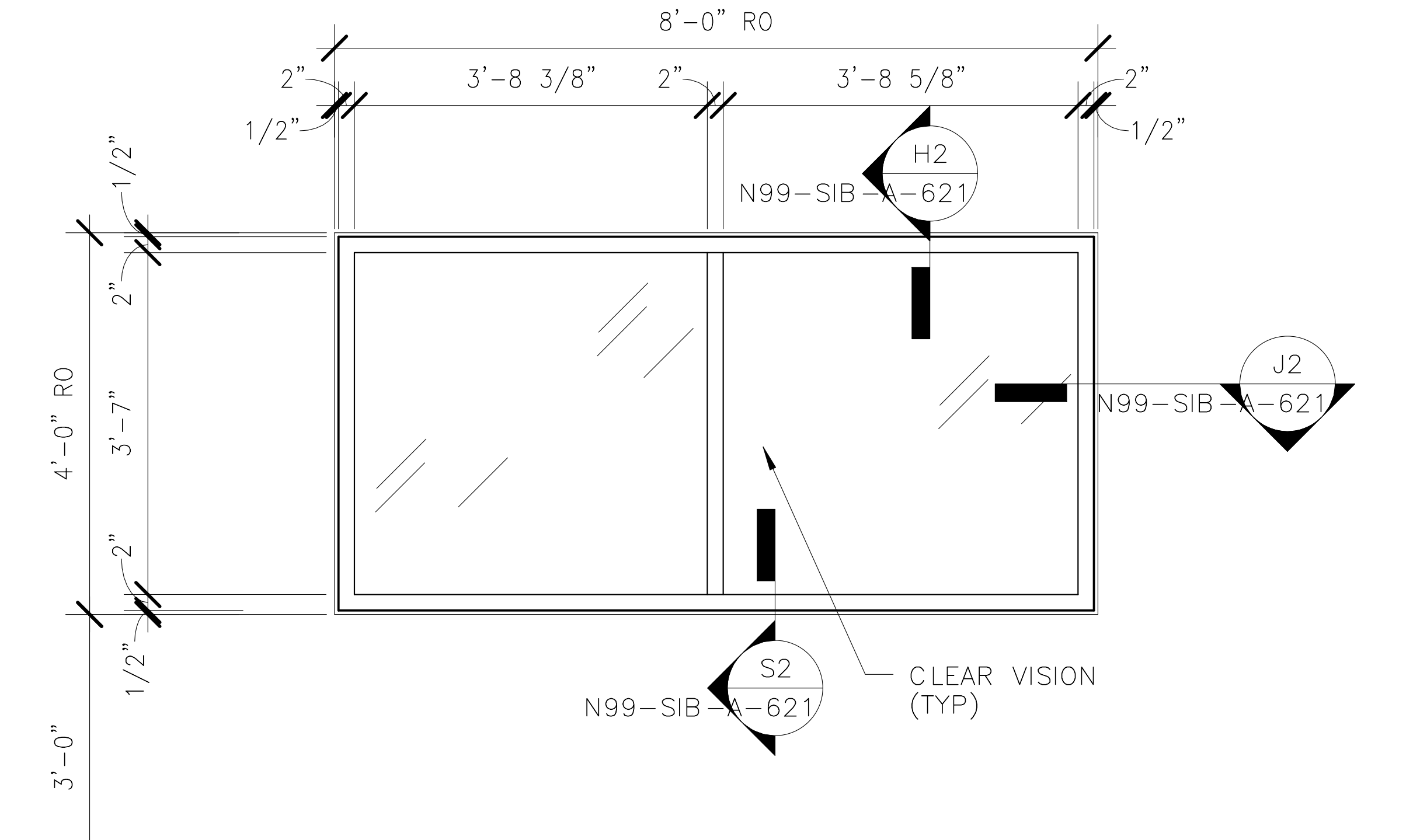
W8 - WINDOW
1/2" = 1'-0"



W11 - WINDOW
1/2" = 1'-0"

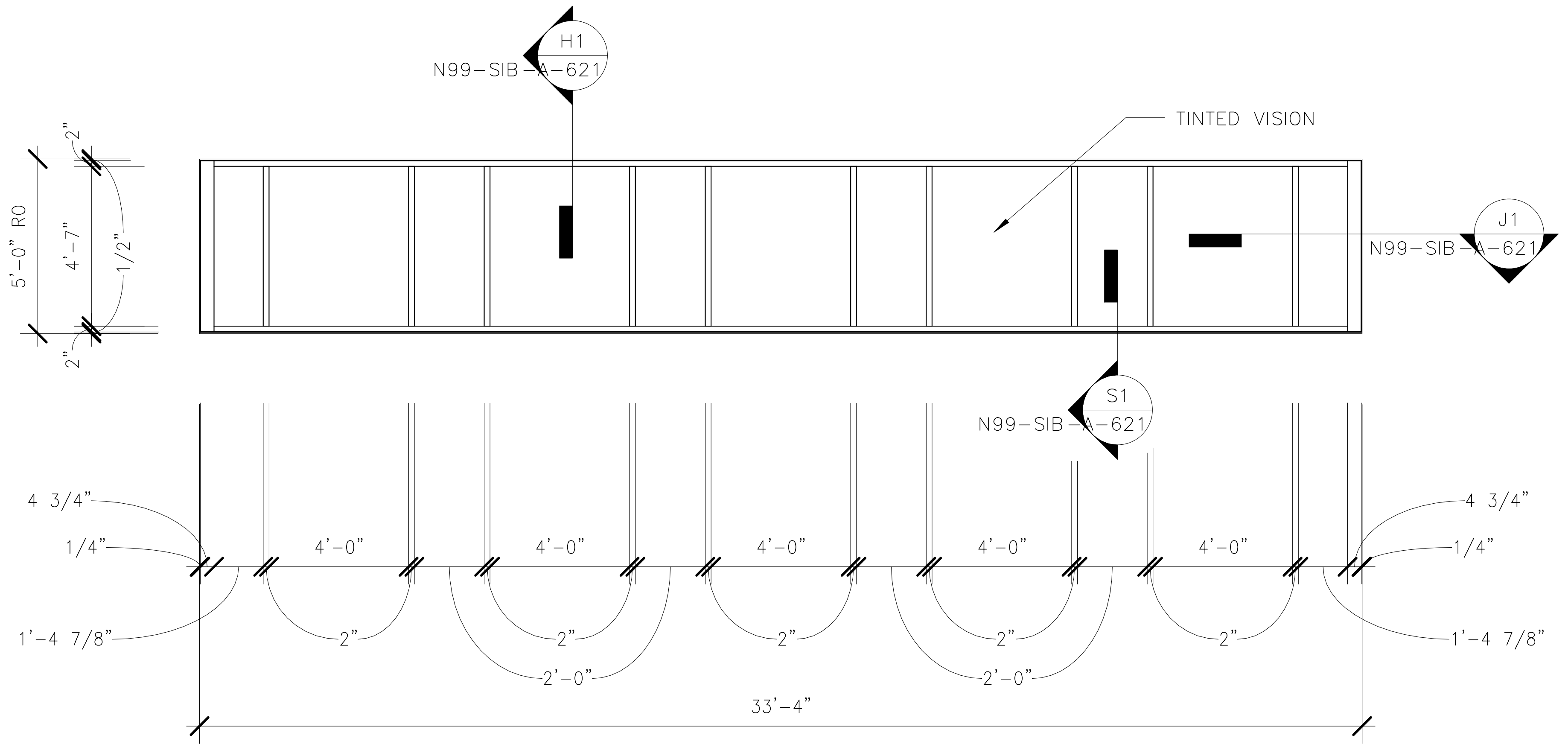


W12 - WINDOW
1/2" = 1'-0"

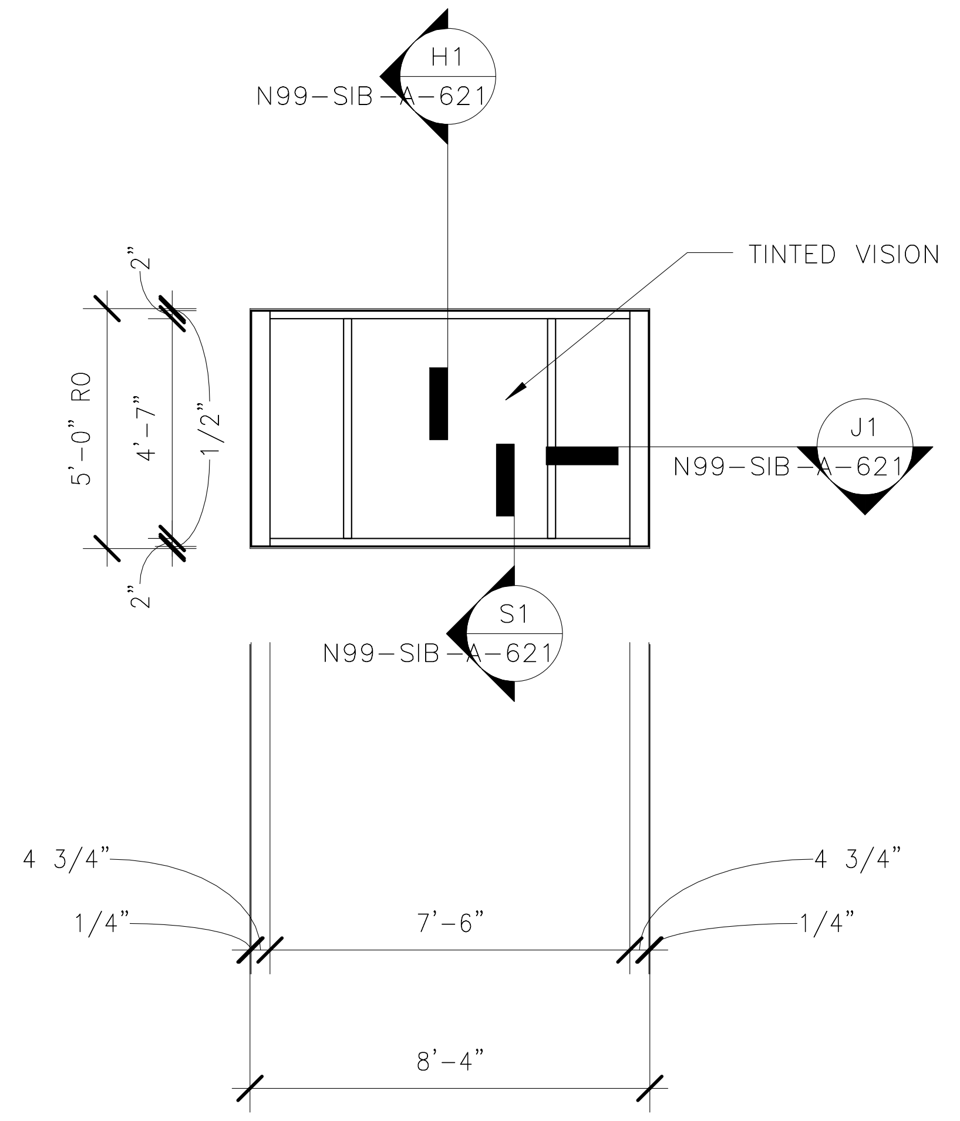


NOTE: INTERIOR STOREFRONT GLAZING TO BE 1/4"

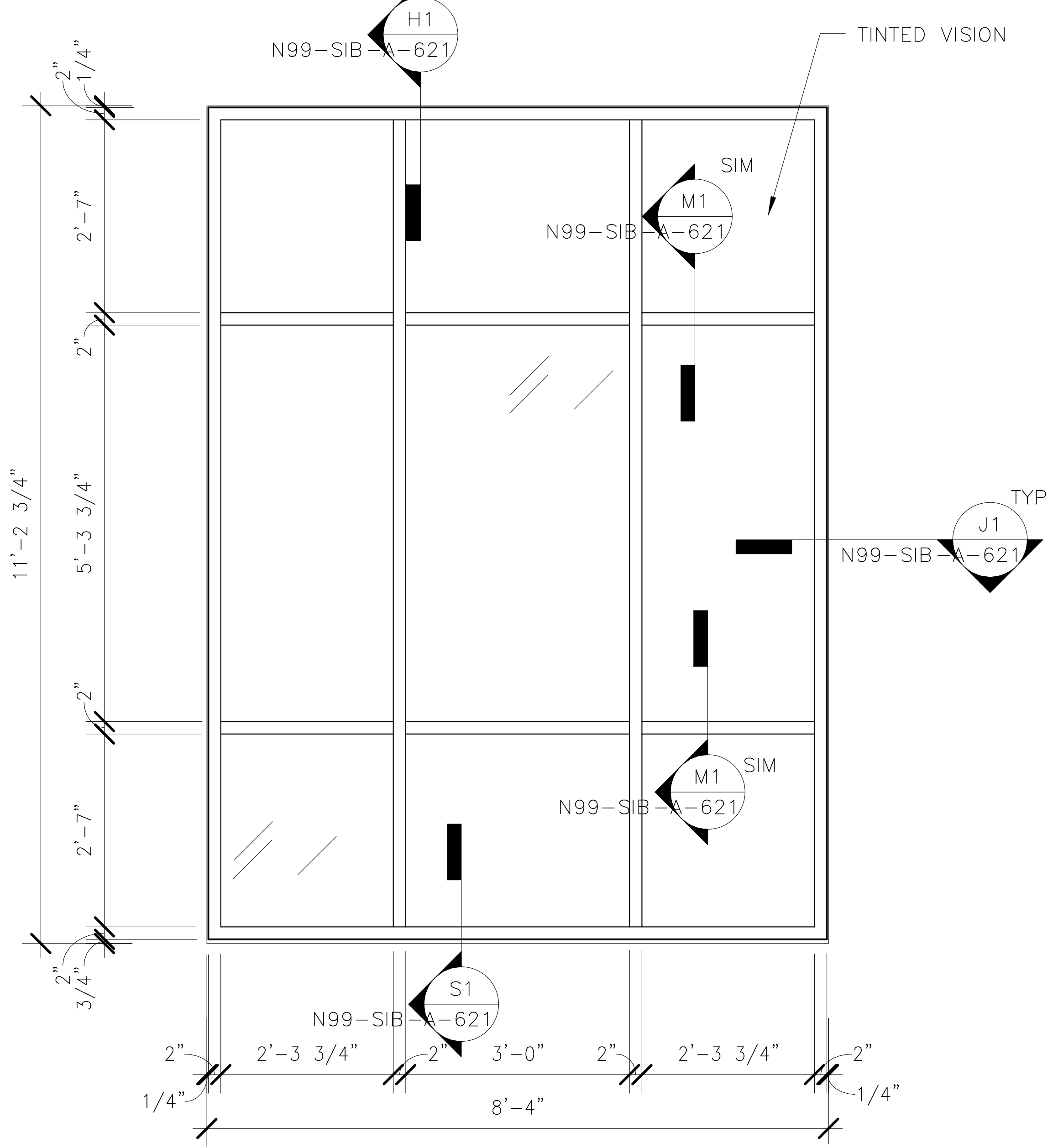
W9 - WINDOW
1/2" = 1'-0"



W31 - CONTROL TOWER
1/4" = 1'-0"

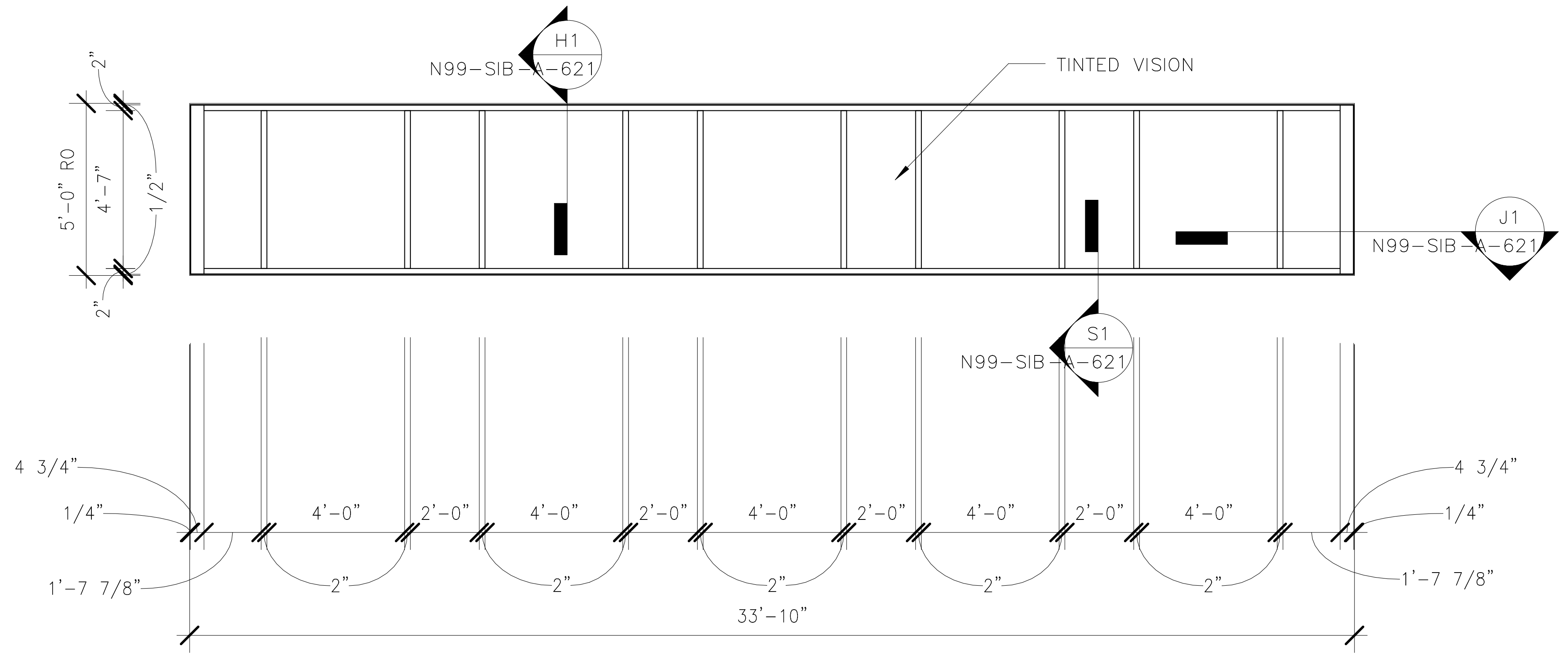


W33 - CONTROL TOWER - SOUTH CORNER
1/4" = 1'-0"

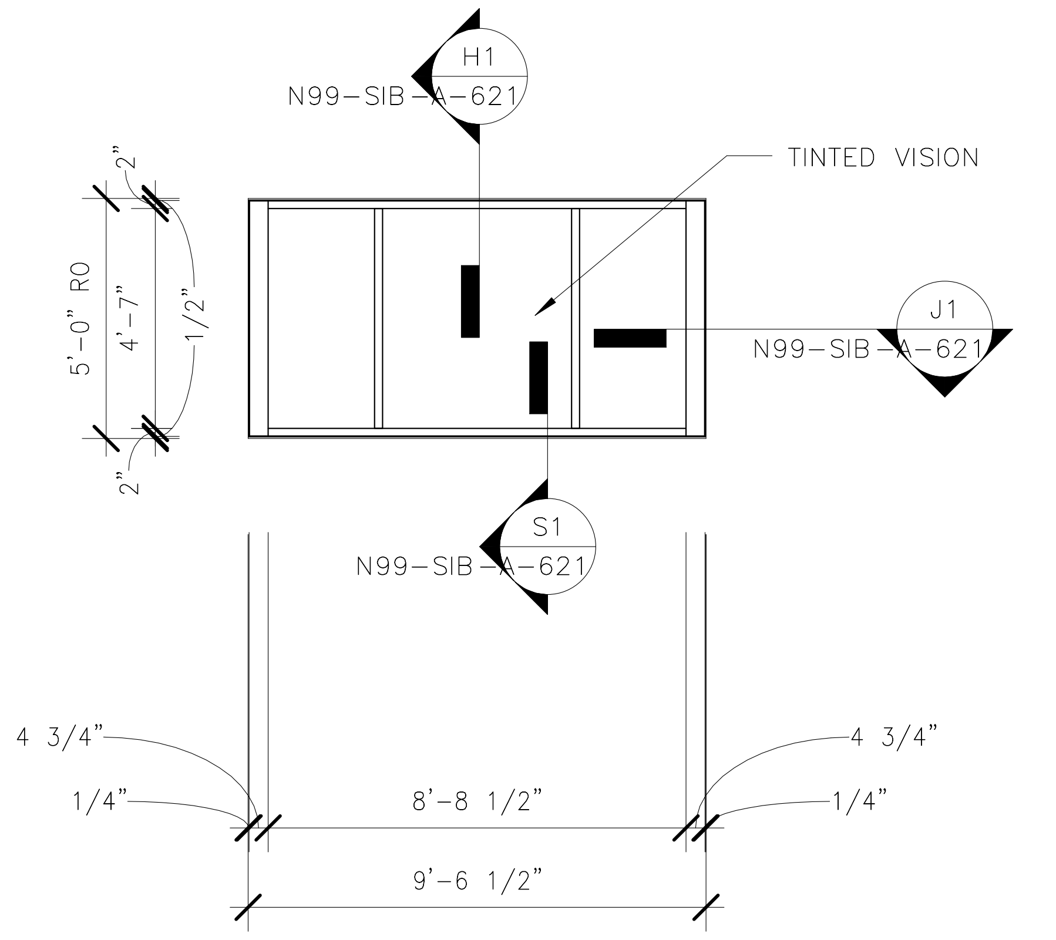


NOTE: SEE A-203 FOR SECTION DETAIL LOCATION

W14 - WINDOW
1/2" = 1'-0"



W32 - CONTROL TOWER
1/4" = 1'-0"



W34 - CONTROL TOWER - WEST CORNER
1/4" = 1'-0"

ORIGINATORS

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C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

COMMONWEALTH OF VIRGINIA
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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - WINDOW DETAILS
SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-622

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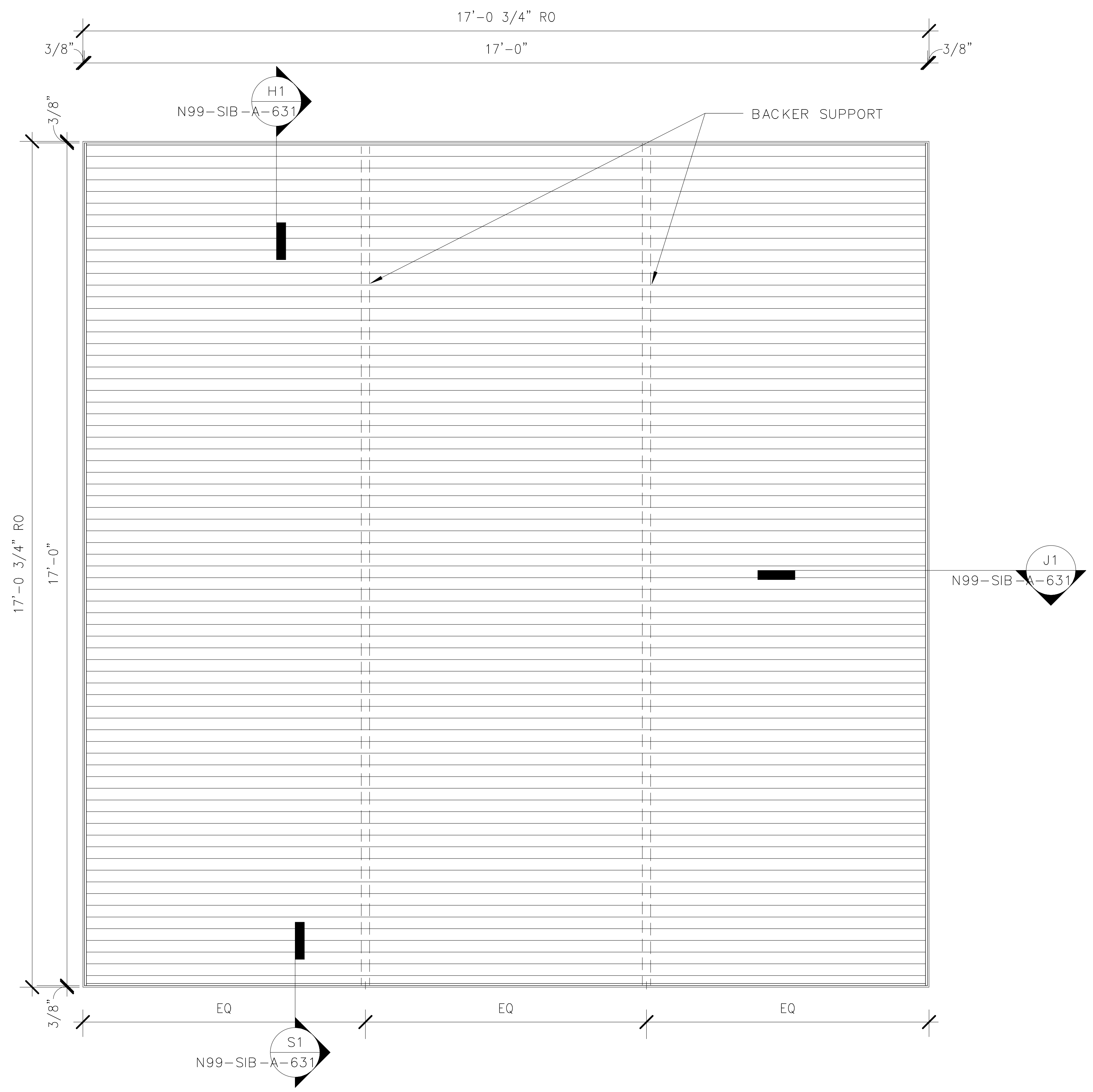
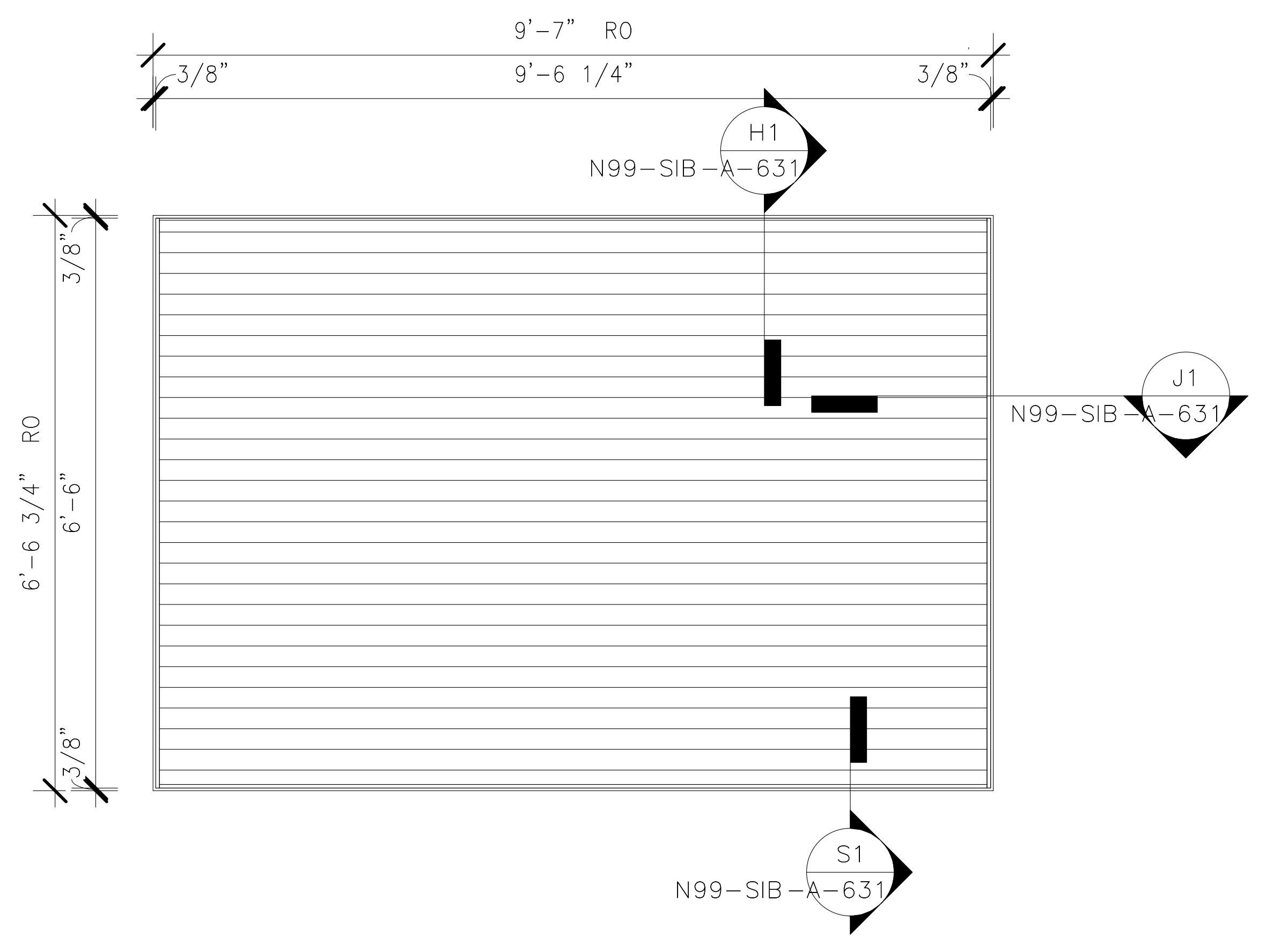
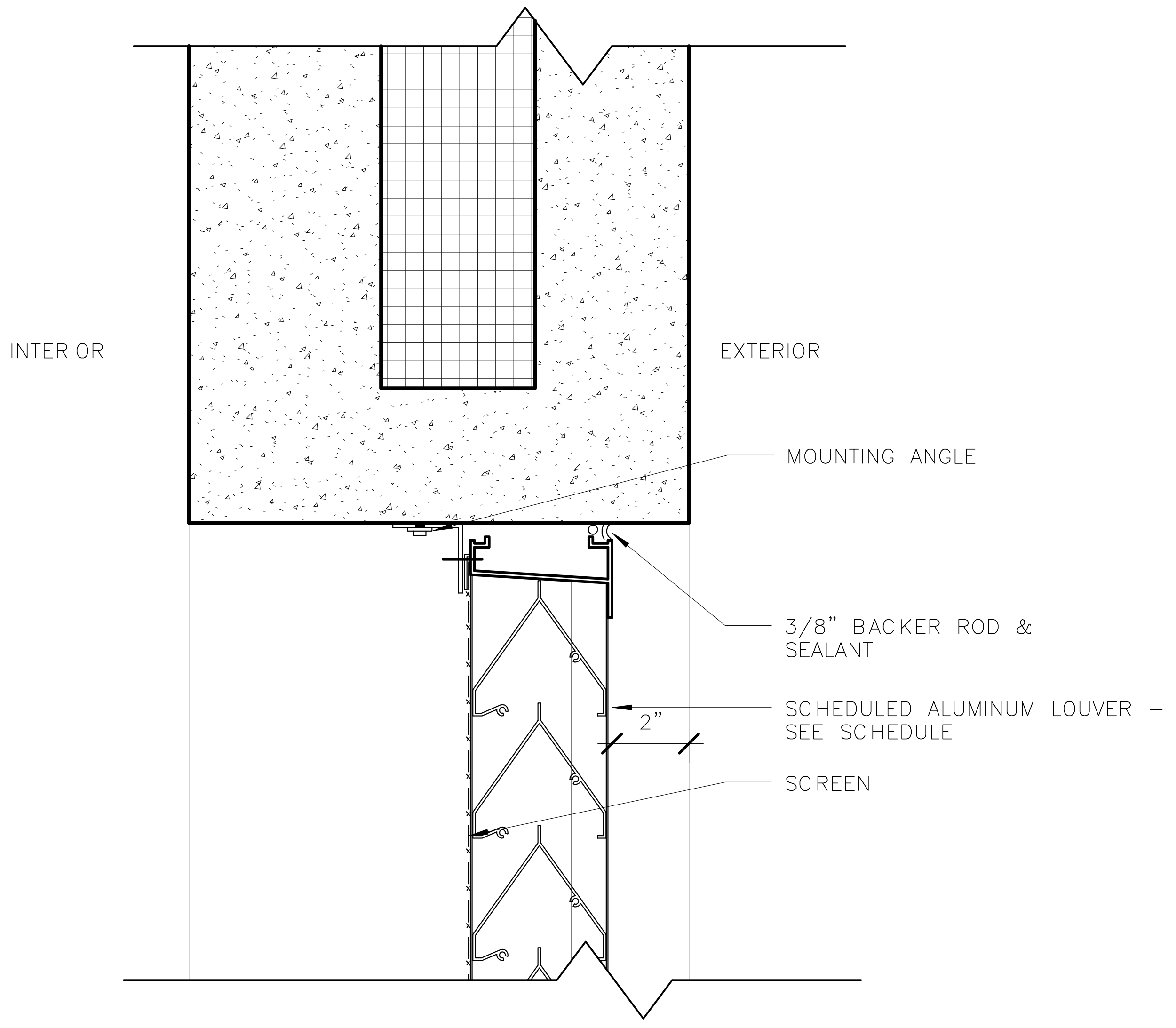
LOUVER SCHEDULE								
	R.O.		FRAME		DETAILS			
MARK	WIDTH	HEIGHT	FINISH	MATERIAL	HEAD	JAMB	SILL	REMARKS (SEE NOTES BELOW)
L1	17' – 0 3/4"	17' – 0 3/4"	PTD	ALUM	H1	J1	S1	50% OPEN AREA (MIN)
L10	9' – 7"	6' – 6 3/4"	PTD	ALUM	H1	J1	S1	50% OPEN AREA (MIN)



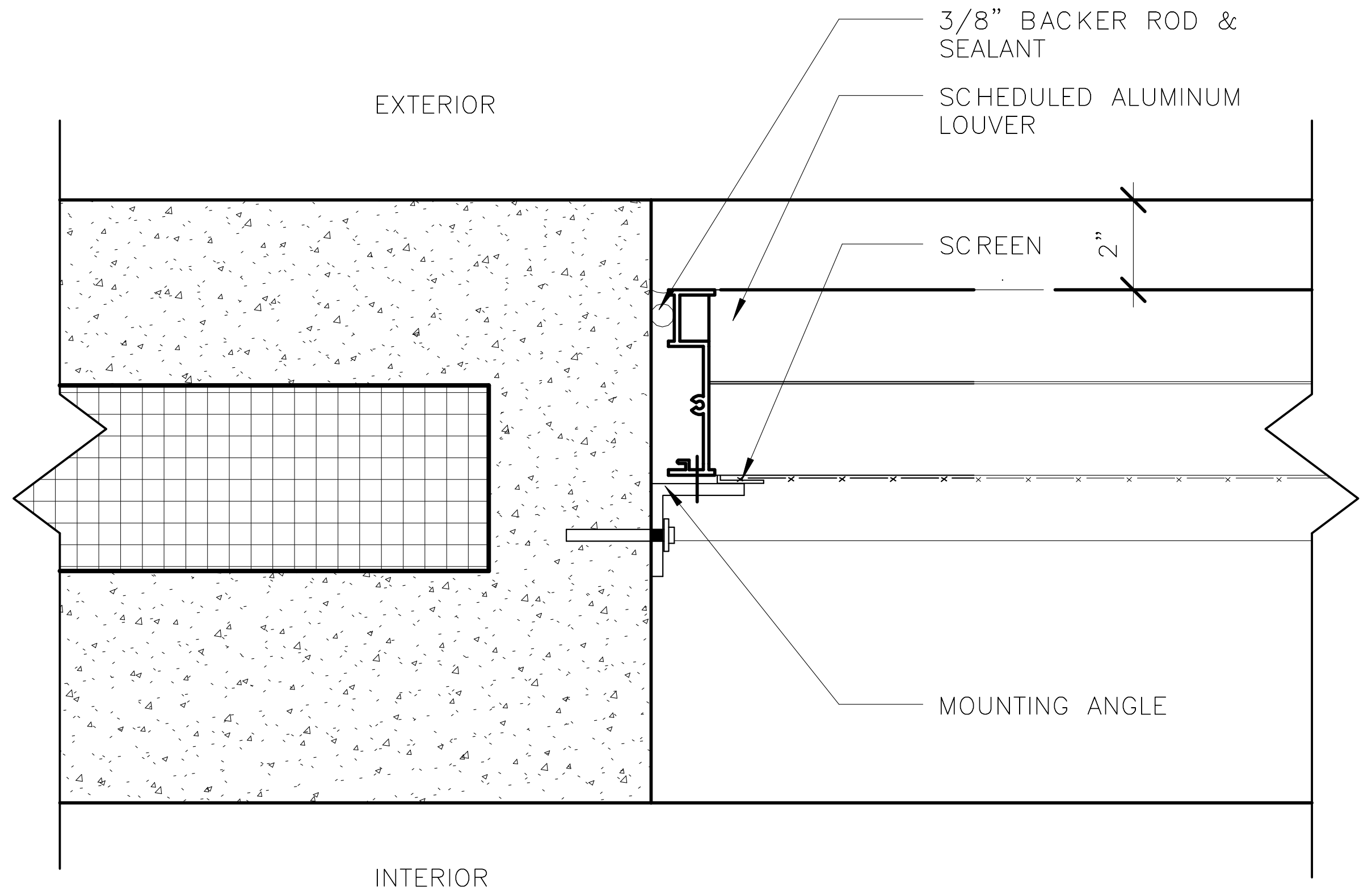
L1 LOUVER ELEVATION
1/2" = 1'-0"



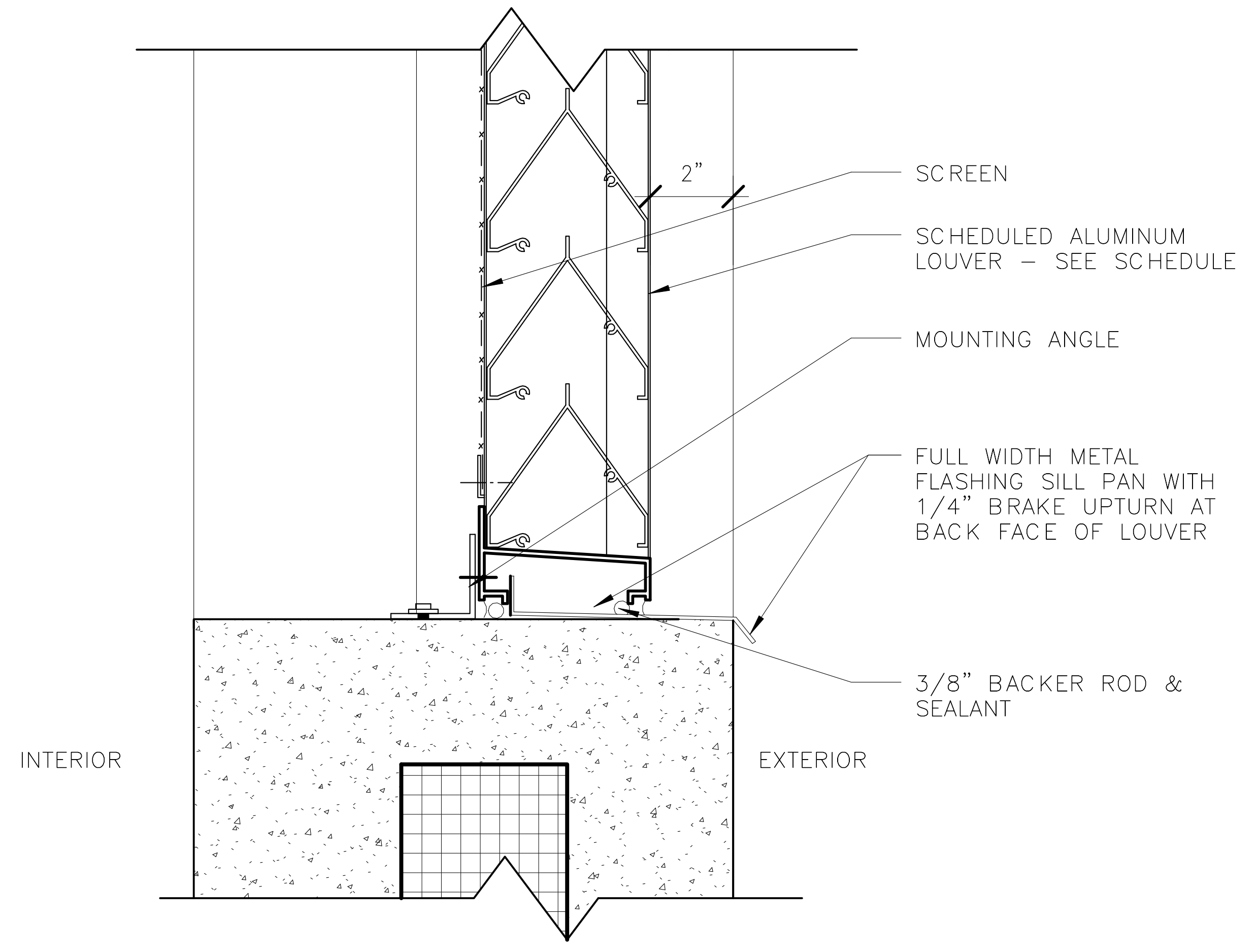
L10 LOUVER ELEVATION
1/2" = 1'-0"



H1
N99-SIB-A-631
LOUVER HEAD DETAIL
3" = 1'-0"



J1
N99-SIB-A-631
LOUVER JAMB DETAIL
3" = 1'-0"



S1
N99-SIB-A-631
LOUVER SILL DETAIL
3" = 1'-0"

ORIGINATORS	
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No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - LOUVER HEAD, JAMB AND SILL DETAILS

SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-631

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ROOM FINISH SCHEDULE

		WALL FINISH				FLOOR		BASE	CEILING			
ROOM NO	ROOM NAME	NORTH	EAST	SOUTH	WEST	MAT'L	FIN.	TYPE	MAT'L	FIN.	HT	NOTES & REMARKS (SEE NOTES)
001	STORAGE AREA	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
002	STORAGE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
004	DOMESTIC WATER ENTRY ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
005	UPS ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
006	ELEC ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	EPO	–	EXP.	PT-EG-1	–	PROVIDE EPOXY FLOOR PER SIB-E-706
008	WHEEL TRUING PIT	–	–	–	–	CONC	SLR	–	–	–	–	
009	ELEVATOR MACHINE ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
101	PARTS ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
101A	PARTS COUNTER	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
102	ELES MATERIALS OFFICE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	ACT-1	–	9'-0"	
103	GREASE ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
108	LOBBY	PT-FL-1	PT-FL-1	PT-FL-1	PT-FL-1	CONC	VCT-1	RCB-1	ACT-1	–	9'-0"	WOM AT ENTRANCE
109	STORAGE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
111	WOMEN	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
113	MEN	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
114	PI OFFICE	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1/4	ACT-1	–	9'-0"	RCB-4 OCCURS AT ACCENT WALL.
115	TOOLS ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
116	INSPECTION OFFICE	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1/4	ACT-1	–	9'-0"	RCB-4 OCCURS AT ACCENT WALL.
117	JAN	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	RCB-1	EXP.	PT-SG-1	–	PROVIDE 18" HIGH X WIDTH OF MOP SINK SST SPLASH GUARDS
118	ELECTRONICS SHOP	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	PROVIDE HARDENER ON CONCRETE FLOOR.
118A	COPY ROOM	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1/4	ACT-1	–	–	RCB-4 OCCURS AT ACCENT WALL.
119	CLEAN ROOM	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP	–	–	
120	LUBE/COMP ROOM	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
121	BATTERY ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
122	MECH ROOM	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
123	WHEEL/AXLE SHOP	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	PROVIDE HARDENER ON CONCRETE FLOOR.
125	HVAC SHOP	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	PROVIDE HARDENER ON CONCRETE FLOOR.
126	MACHINE SHOP	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	PROVIDE HARDENER ON CONCRETE FLOOR.
140	BLOW PIT	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
141	INTERIOR CLEANING	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
150	CMNT MAIN SHOPS	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	PROVIDE HARDENER ON CONCRETE FLOOR.
151	TRUCK WASH	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	PROVIDE HARDENER ON CONCRETE FLOOR.
201	LOBBY	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT1/4	RCB-1	ACT-1	–	9'-0"	
204	MEN'S LOCKERS	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CFT	CTB	ACT-2	–	9'-0"	
204A	MEN'S ROOM	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
204B	MEN'S SHOWERS	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
205	WOMEN'S LOCKERS	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CFT	CTB	ACT-2	–	9'-0"	
205A	WOMEN'S ROOM	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
205B	WOMEN'S SHOWERS	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
206	OPEN OFFICE	PT-EG-1	PT-EG-1	PT-EG-1 .	PT-EG-1	CONC	CPT-1	RFB-1	ACT-1	–	9'-0"	
206A	ELES CONFERENCE ROOM	PT-EG-1	N.I.C.	PT-EG-4	PT-EG-1	CONC	CPT-6/7	RFB-1/4	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
206B	ELES QUIET ROOM	N.I.C.	N.I.C.	PT-EG-4	PT-EG-1	CONC	CPT-1	RFB-1	ACT-1	–	9'-0"	
206C	CMNT DIRECTOR OFFICE	N.I.C.	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-1	RFB-1	ACT-1	–	9'-0"	
207	LUNCH ROOM	PT-EG-1	PT-EG-1/4	PT-EG-1	PT-EG-1	CONC	VCT1/4	RCB1/4	ACT-1	–	9'-0"	RCB-4 OCCURS AT ACCENT WALL.
208	TRAINING	PT-EG-1/4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-1/6/7	RFB1/4	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
209	ELEC	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	VCT-1	RCB-1	EXP.	PT-EG-1	–	
210	STORAGE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	EXP.	PT-EG-1	–	
211	TCR	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SDT-1	RCB-1	ACT-1	–	9'-0"	
212	COMM	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SDT-1	RCB-1	EXP.	PT-EG-1	9'-0"	
213	YARD CONTROL ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	ACT-1	–	9'-0"	
213A	RESTROOM	CTW	CTW	CTW	CTW	CONC	CFT	CTB	ACT-2	–	9'-0"	
214	BREAK ROOM	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1/4	ACT-1	–		RCB-4 OCCURS AT ACCENT WALL.
215	JAN.	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	RCB-1	EXP.	PT-EG-1	–	PROVIDE 18" HIGH X WIDTH OF MOP SINK SST SPLASH GUARDS
216	SHARED CONF ROOM	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-6/7	RFB-1/4	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
217	ELES COPY ROOM	PT-EG-1	PT-EG-1	PT-EG-4	PT-EG-1	CONC	VCT-1	RCB-1/4	ACT-1	–	9'-0"	RCB-4 OCCURS AT ACCENT WALL.
218	CMNT LOCKABLE SPACE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-1	RCB-1	ACT-1	–	9'-0"	
219	ELES LOCKABLE SPACE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-1	RCB-1	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
220	SHARED MEETING ROOM	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-1	RFB-1/4	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
221	CMNT QUIET ROOM	PT-EG-4	PT-EG-1	PT-EG-1	PT-EG-1	CONC	CPT-1	RFB-1/4	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
222	CMNT COPY ROOM	PT-EG-1	PT-EG-1	PT-EG-4	PT-EG-1	CONC	VCT-1	RCB-1/4	ACT-1	–	9'-0"	RCB-4 OCCURS AT ACCENT WALL.
223	CMNT MEETING ROOM	PT-EG-1	PT-EG-1	PT-EG-4	PT-EG-1	CONC	CPT-7/6	RFB-1/4	ACT-1	–	9'-0"	RFB-4 OCCURS AT ACCENT WALL.
C1A	CORRIDOR	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	RCB-1	ACT-1	–	9'-0"	
C2A	CORRIDOR	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	ACT-1	–	9'-0"	
E1	FREIGHT LIFT	SST	SST	SST	SST	MTL	VCT-1	SST	EGGCRATE	–	8'-0"	
M01	SMALL STORES	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
M02	MECH ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
M03	COMMUNICATIONS ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SDT-1	RCB-1	EXP.	PT-EG-1	–	
M04	ELECTRICAL ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
S1	STAIR	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
S2	STAIR	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
S3	STAIR	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP.	PT-EG-1	–	
S4	STAIR	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	–	EXP.	PT-EG-1	–	

FINISH LEGEND

ACT	LAY-IN ACOUSTICAL PANELS
CTB	CERAMIC BASE TILE
CFT	CERAMIC FLOOR TILE
CPT	CARPET
CTW	CERAMIC WALL TILE
EG	EGG SHELL SHEEN
EPO	EPOXY
EXP.	EXPOSED STRUCTURE
FL	FLAT SHEEN
GYP	GYPSUM BOARD
PT	PAINT
RCB	RUBBER COVE BASE
RFB	RUBBER FLAT BASE
SLR	SEALER
SG	SEMI GLOSS SHEEN
VCT	VINYL COMPOSITION TILE
–	NONE
SDT	STATIC DISSIPATIVE TILE
CTW-1	TILE GROUT – WALLS
CTF-1	TILE GROUT – FLOORS
TS	TRANSITION STRIP
SS	SOLID SURFACE
WOM	WALK OFF MAT

FINISH KEY – SIB

SYMBOL	MANUFACTURER	MODEL	COLOR	NOTES
ACOUSTICAL CEILING TILE				
ACT-1	ARMSTRONG	ULTIMA 9/16" BEVELED TEGULAR METAL SUSPENSION SYSTEM: SILHOUETTE XL 9/16" BOLT SLOT – 1/4" REVEAL	WHITE WHITE	FOR OFFICES
ACT-2	ARMSTRONG	CERAMAGUARD-FINE METAL SUSPENSION SYSTEM: AL PRELUDE PLUS XL FIRE GUARD 15/16" EXPOSED TEE	WHITE WHITE	FOR WET AREAS
CARPET				
CPT-1	SHAW CONTRACT	MINIMAL 59164	FRINGE 64585	NEUTRAL CONCEPT
CPT-6	SHAW CONTRACT	HORIZONTAL EDGE 59115	MARINA FRINGE CUSTOM 152033	BLUE CONCEPT
CPT-7	SHAW CONTRACT	COLOR PLANK 59595	MARINA 95415	BLUE CONCEPT
CERAMIC WALL TILE				
CTW	FLORIDA TILE, INC	SAVANNAH	MAGNOLIA WHITE	
CERAMIC FLOOR TILE				
CFT	METROPOLITAN CERAMICS	QUARRY BASICS	507 PURITAN GRAY	
CERAMIC TILE BASE				
CTB	METROPOLITAN CERAMICS	QUARRY BASICS	507 PURITAN GRAY	ROUND TOP COVE BASE
CONCRETE				
SLR	–	–	–	SEALED CONCRETE
PAINT (PT-EG-1= PAINT COLOR IN EGGSHELL; PT-SG-1= PAINT COLOR IN SEMI-GLOSS)				
PT-1	SHERWIN WILLIAMS	–	GREEK VILLA SW 7551	NEUTRAL CONCEPT
PT-4	SHERWIN WILLIAMS	–	DENIM SW 6523	BLUE CONCEPT
PT-5	SHERWIN WILLIAMS	–	DORIAN GRAY SW 7017	ALL DOORS/DOOR TRIM
PLASTIC LAMINATE				
PLAM-1	WILSON ART	4940K	18 ASTRO STRANDZ	CASEWORK WHERE INDICATED
PLAM-2	PIONITE	–	WF181 – ICE FISHIN	WORK SURFACE – DRY AREAS
RUBBER WALL BASE (RFB=RUBBER FLAT BASE; RCB=RUBBER COVE BASE)				
RWB-1	ROPPE	4" BASE	174 SMOKE	NEUTRAL CONCEPT
RWB-4	ROPPE	4" BASE	627 MARINER	BLUE CONCEPT
SOLID SURFACE				
SS-1	LG HAUSYS	HI-MACS	G101 CRYSTAL BEIGE	WORK SURFACE – WET AREAS
STATIC DISSIPATIVE TILE				
SDT-1	ROPPE	SDT STATIC DISSIPATIVE TILE	753 STATUS BLUE	12" X 12" TILE
TILE GROUT				
CTW-1	LATICRETE	SPECTRALOCK PRO GROUT	10 SAUTERNE	WALLS
CTF-1	LATICRETE	SPECTRALOCK PRO GROUT	60 DUSTY GREY	FLOORS
TRANSITION STRIP				
TS-1	SCHLUTER	ALUM/SST	SCHLUTER RENO-U	CPT TO VCT/CONC
TS-2	ARMSTRONG	–	VT8 JETBLACK	VCT TO CONC
VINYL COMPOSITION TILE				
VCT-1	ARMSTRONG	MIGRATIONS BBT	T3501 PLATINUM GRAY	NEUTRAL CONCEPT
VCT-4	ARMSTRONG	MIGRATIONS BBT	T3507 METAL GRAY	BLUE CONCEPT
WALK OFF MAT				
WOM	AMERICAN STAIR TREADS	–	CARPET: 7325 WROUGHT IRON VINYL: VINYL BLACK	

NOTE : ALL DOOR/DOOR FRAMES TO BE PAINTED DORIAN GRAY WS 7017, SEMI GLOSS.

FINISHES

☐	CONC-1
▨	CONC-2
▩	CONC-3

NOTE : SEE FINISH SAMPLES BINDER FOR FINISH INFORMATION

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
1	09/29/2017	Design Change 0386: DL-35 Clean Rm	LK	CTH	JJK	MLG
2	07/11/2017	DC 0426: IFP Systemwide Arch Updates	LK	CTH	JJK	MLG
3	11/13/2017	Field Change 0579: Tile Grout Clarification	RR	CTH	JJK	MLG
4	12/15/2017	Design Change 0589: Ceramic Tile Base	RR	CTH	JJK	MLG

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FINISH SCHEDULE

SCALE: NTS
DRAWING NO.: N99-SIB-A-641

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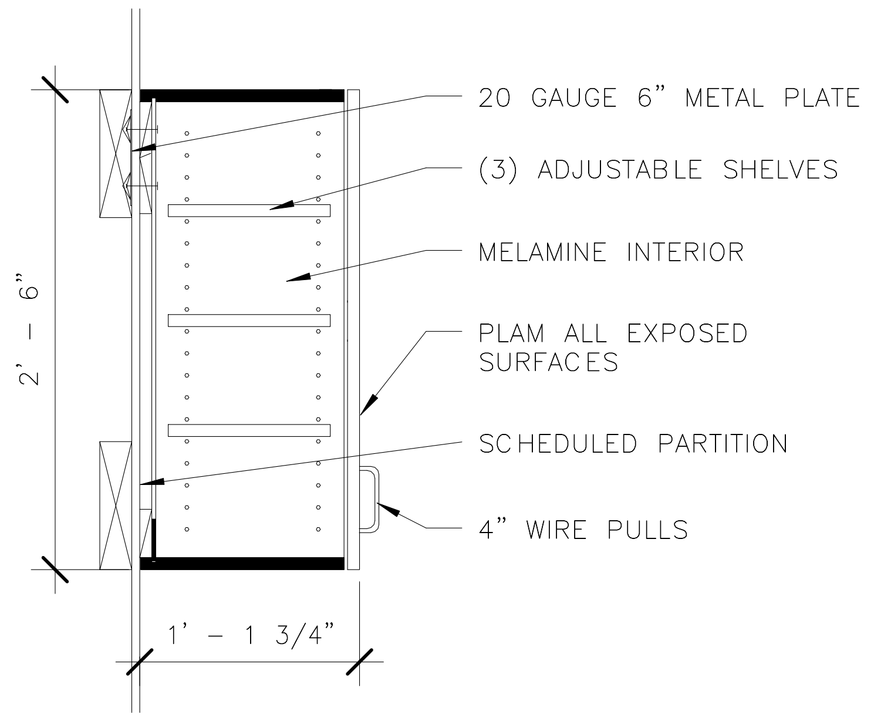

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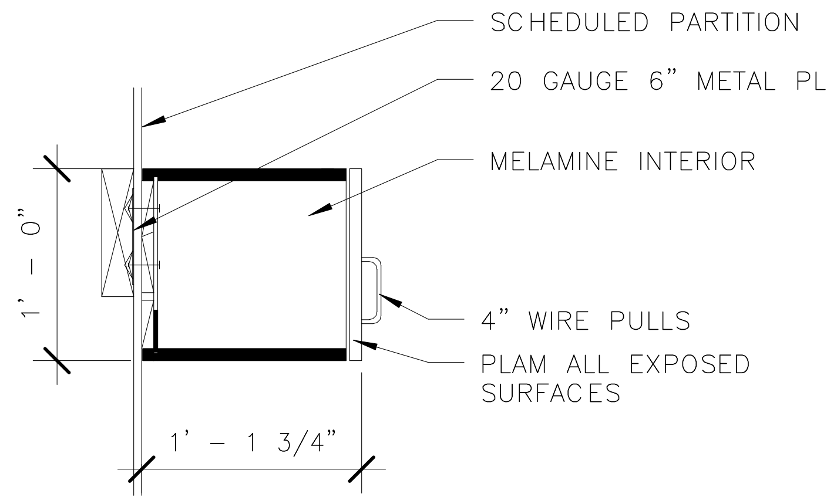
MILLWORK SECTION
1" = 1'-0"
1 1/2 0 1 2



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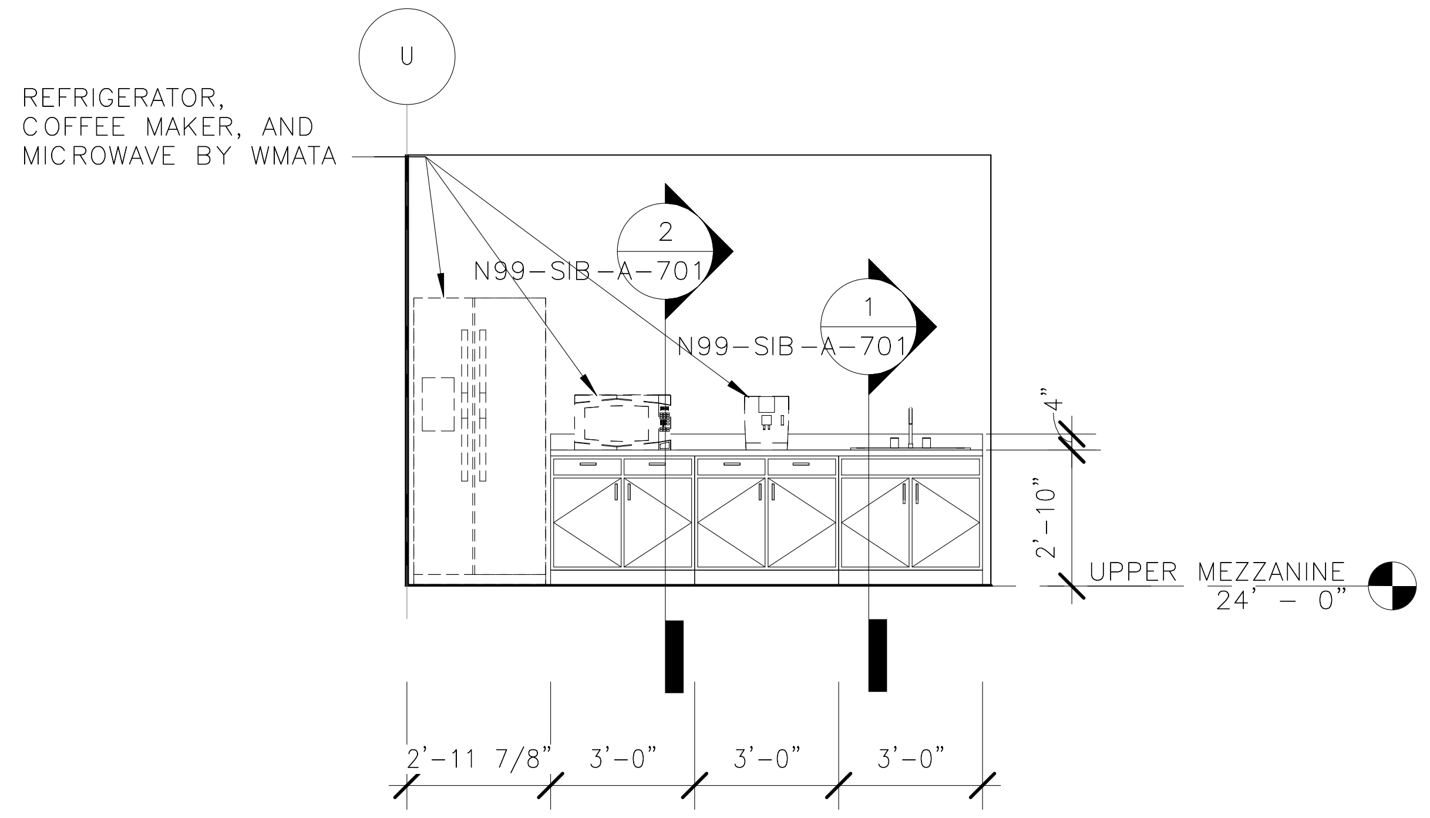

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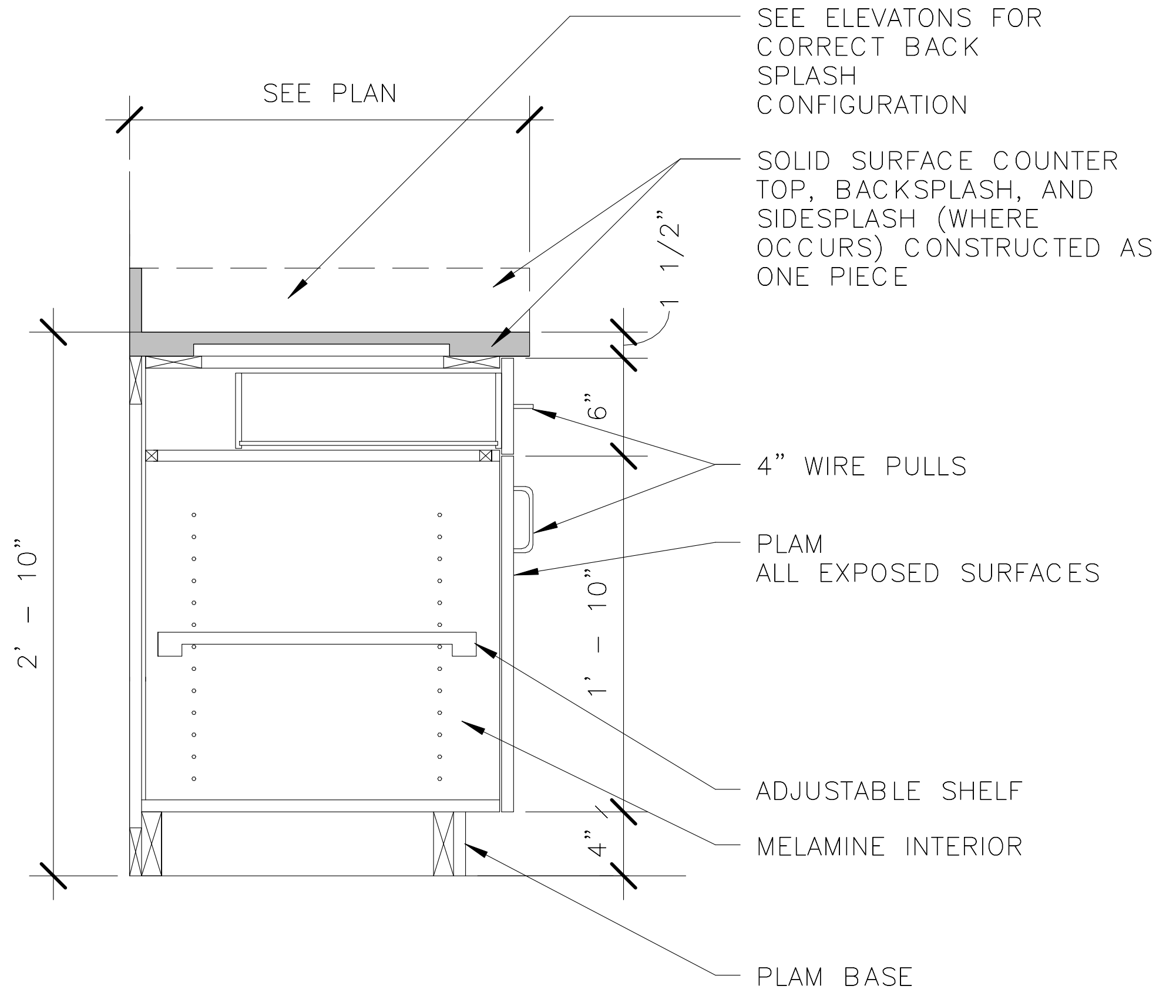
MILLWORK ELEVATION - BREAK ROOM 214
1/4" = 1'-0"
4 3 2 1 0 4 8



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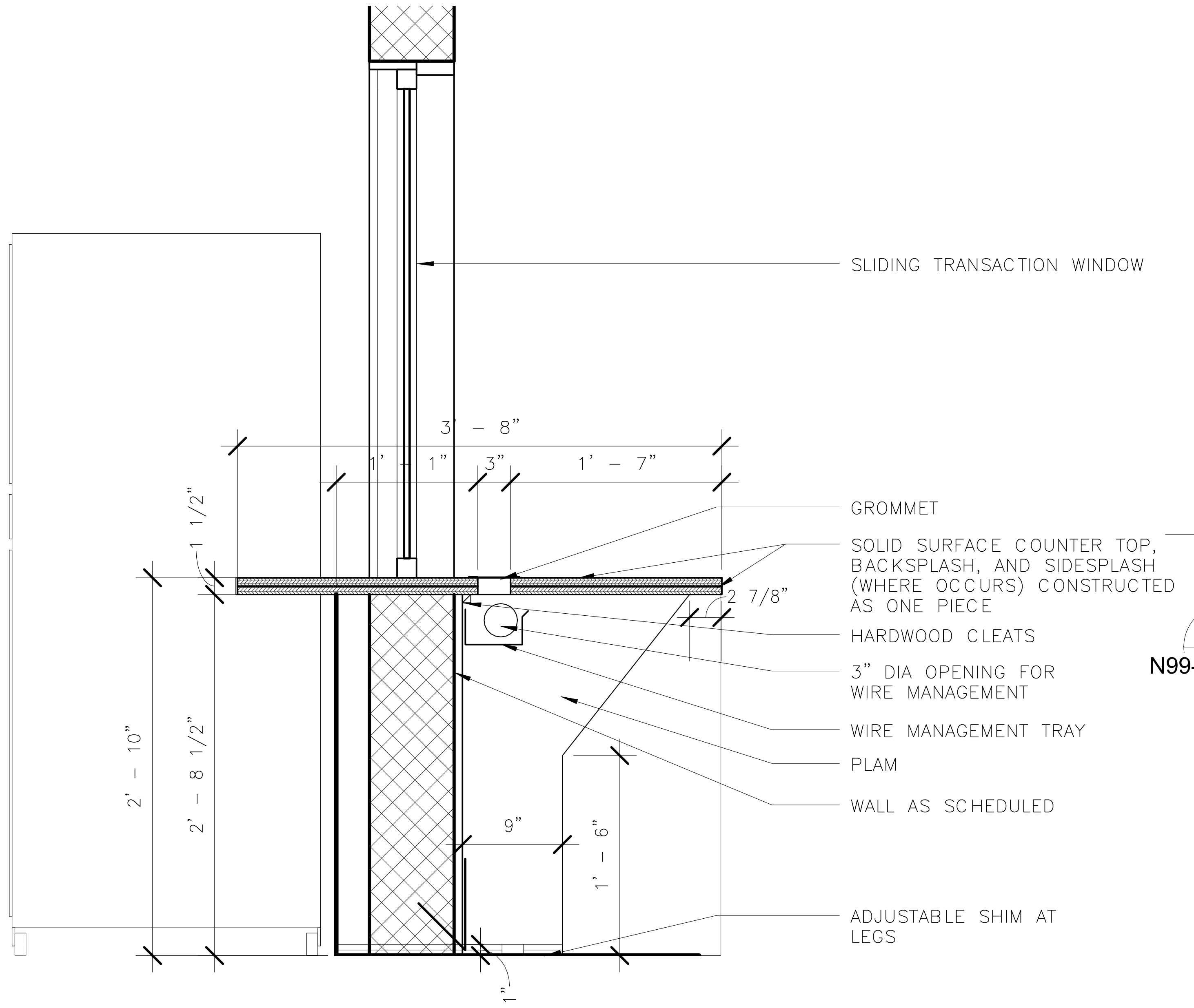
1 1/2 0 1 2



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MILLWORK SECTION - PARTS COUNTER 2
1" = 1'-0"
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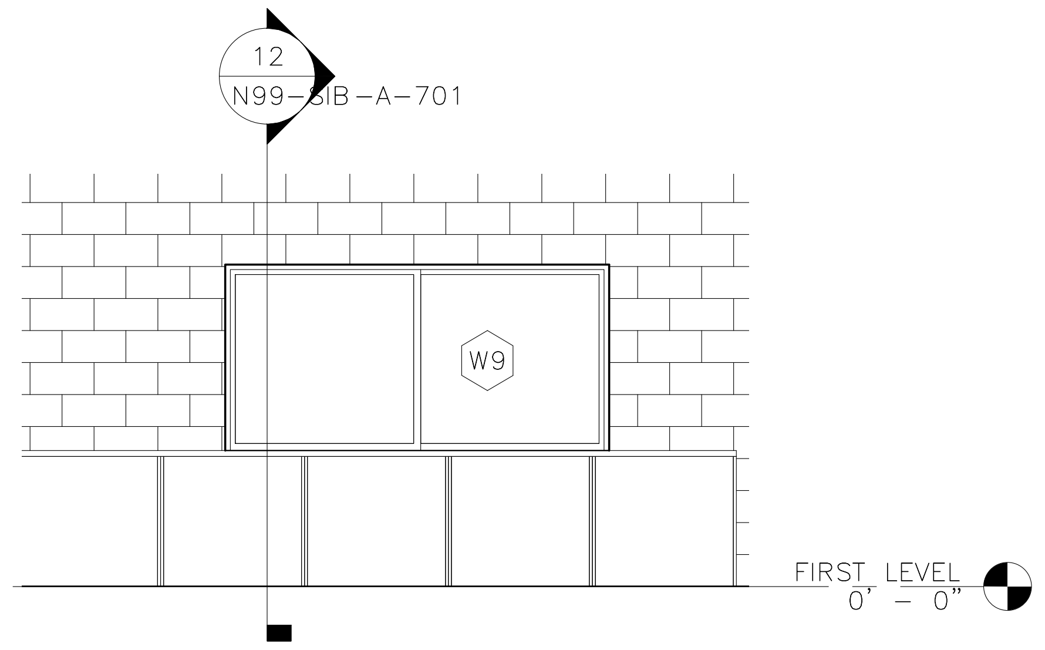

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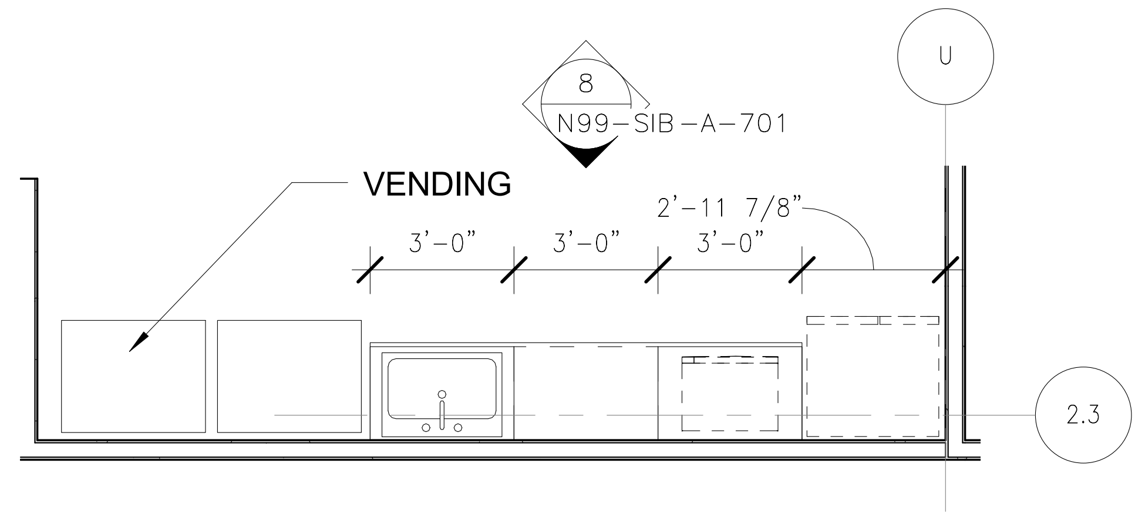
1/4" = 1'-0"
4 3 2 1 0 4 8



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MILLWORK PLAN - BREAK ROOM 214
1/4" = 1'-0"
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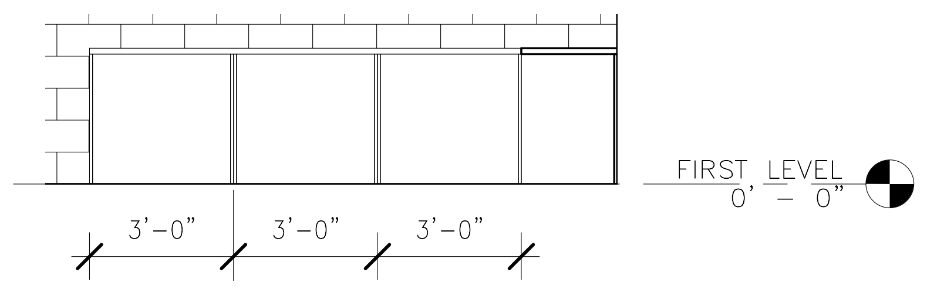

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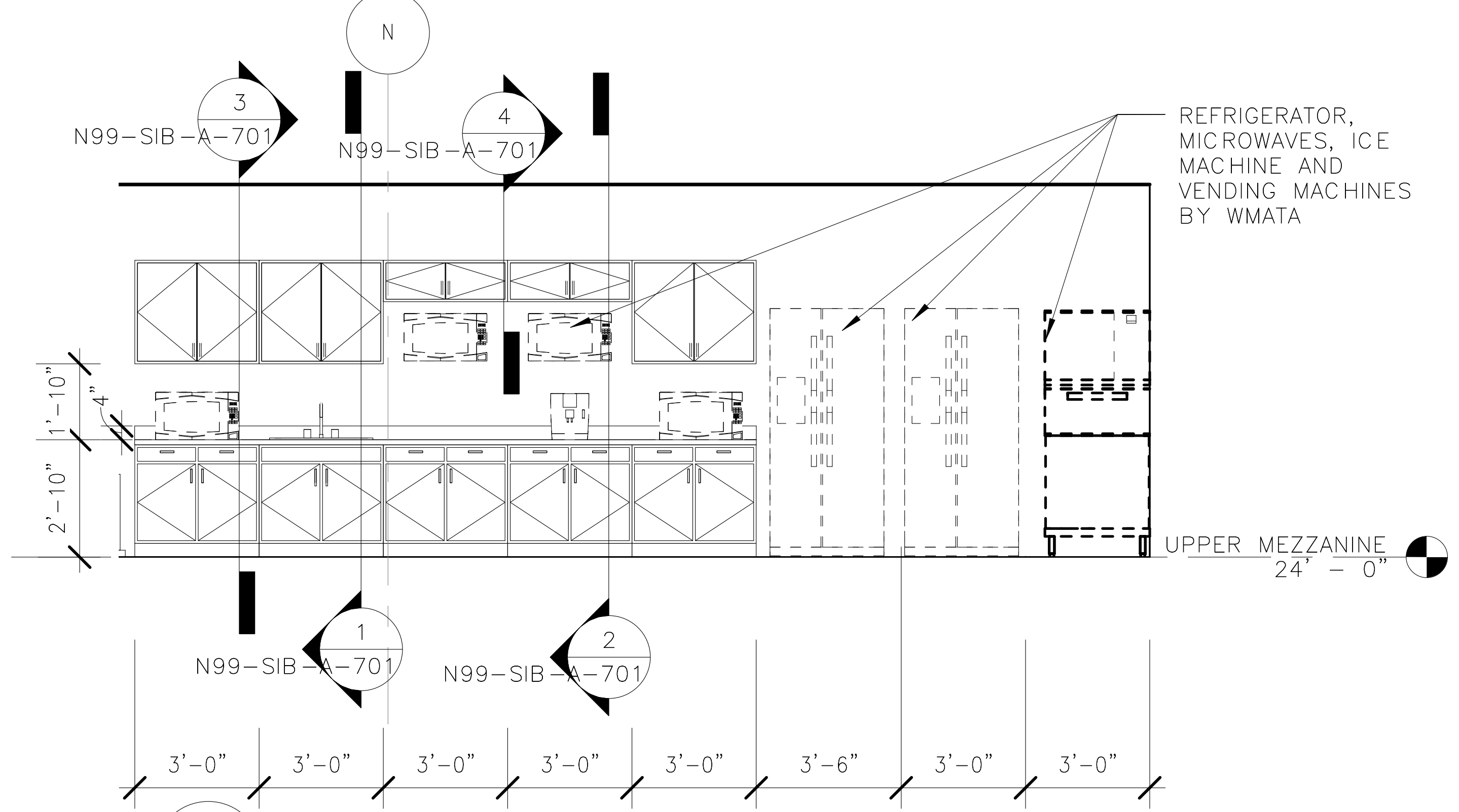
MILLWORK ELEVATION - PARTS COUNTER 1
1/4" = 1'-0"
4 3 2 1 0 4 8



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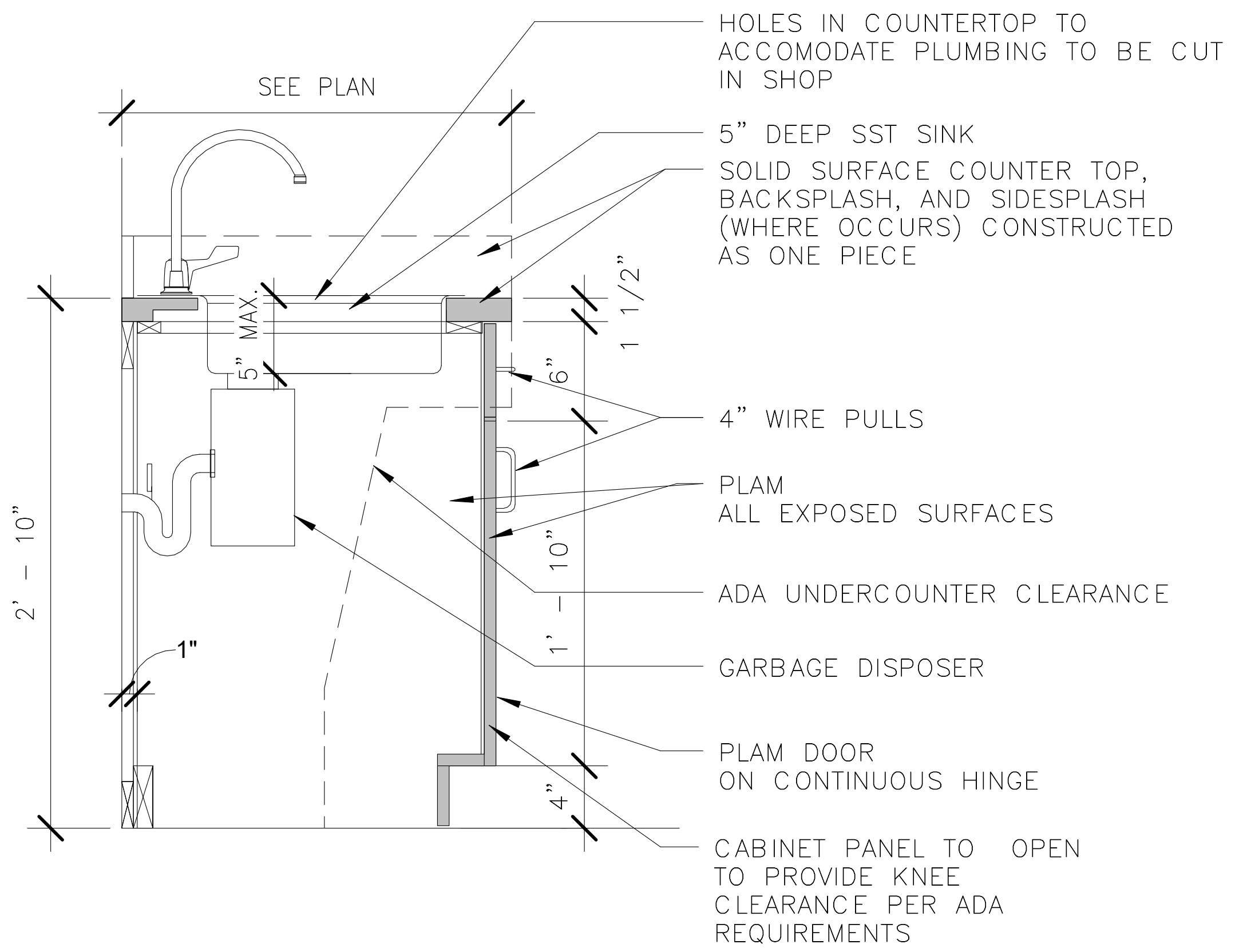
MILLWORK ELEVATION - LUNCH ROOM 201
1/4" = 1'-0"
4 3 2 1 0 4 8



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MILLWORK SECTION
1" = 1'-0"
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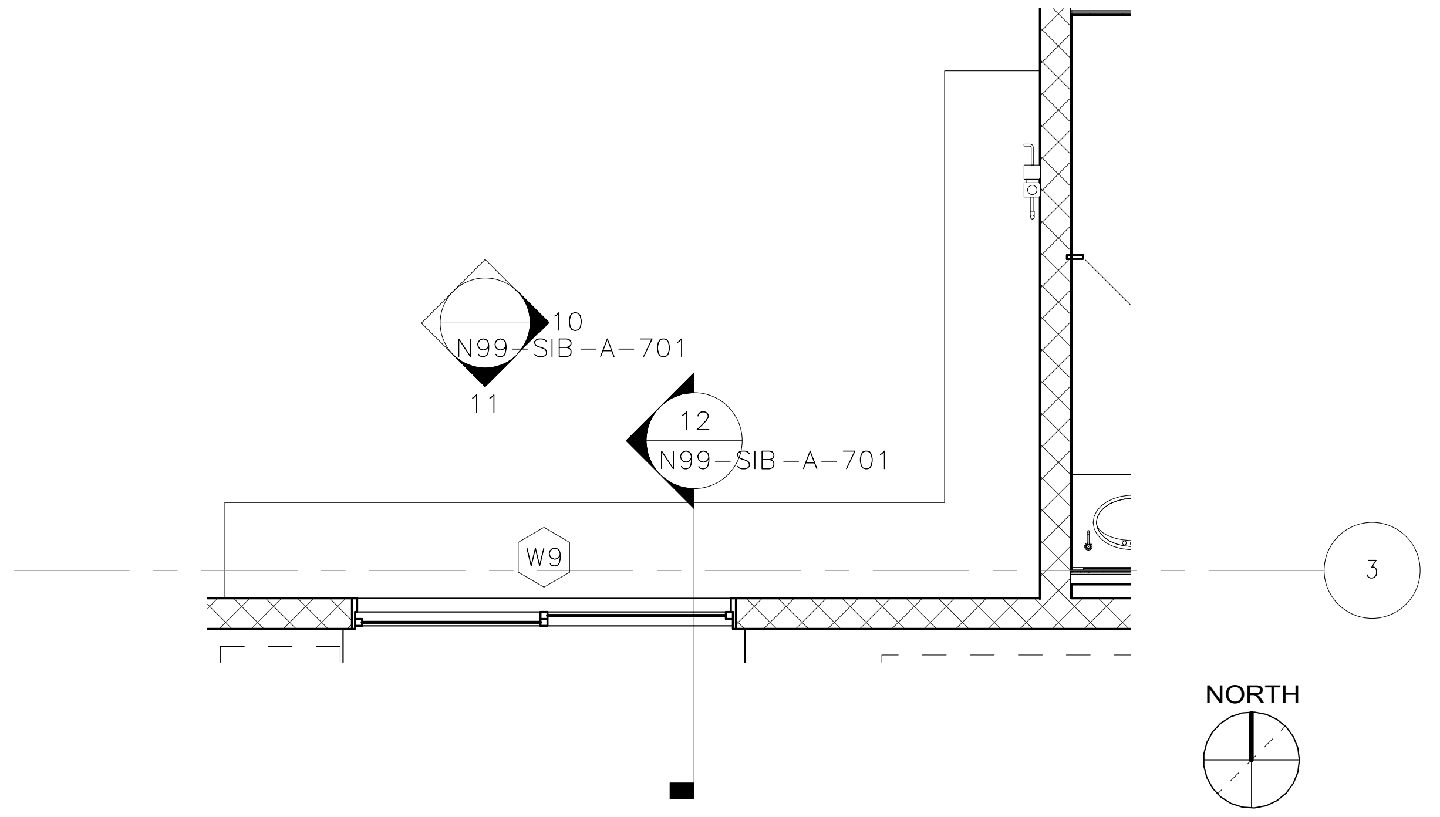

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N99-SIB-A-701
N99-SIB-A-112
MILLWORK PLAN - PARTS COUNTER 101A
1/4" = 1'-0"
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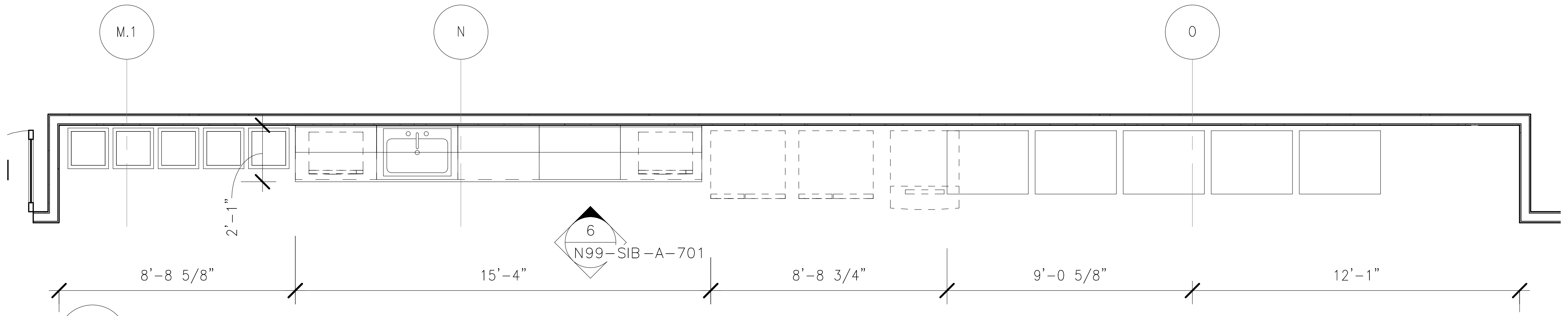

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N99-SIB-A-701
MILLWORK PLAN - LUNCH ROOM 207
1/4" = 1'-0"
4 3 2 1 0 4 8

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REVISIONS

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0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

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39D-02-16
CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - MILLWORK
SCALE: AS NOTED
DRAWING NO.: N99-SIB-A-701

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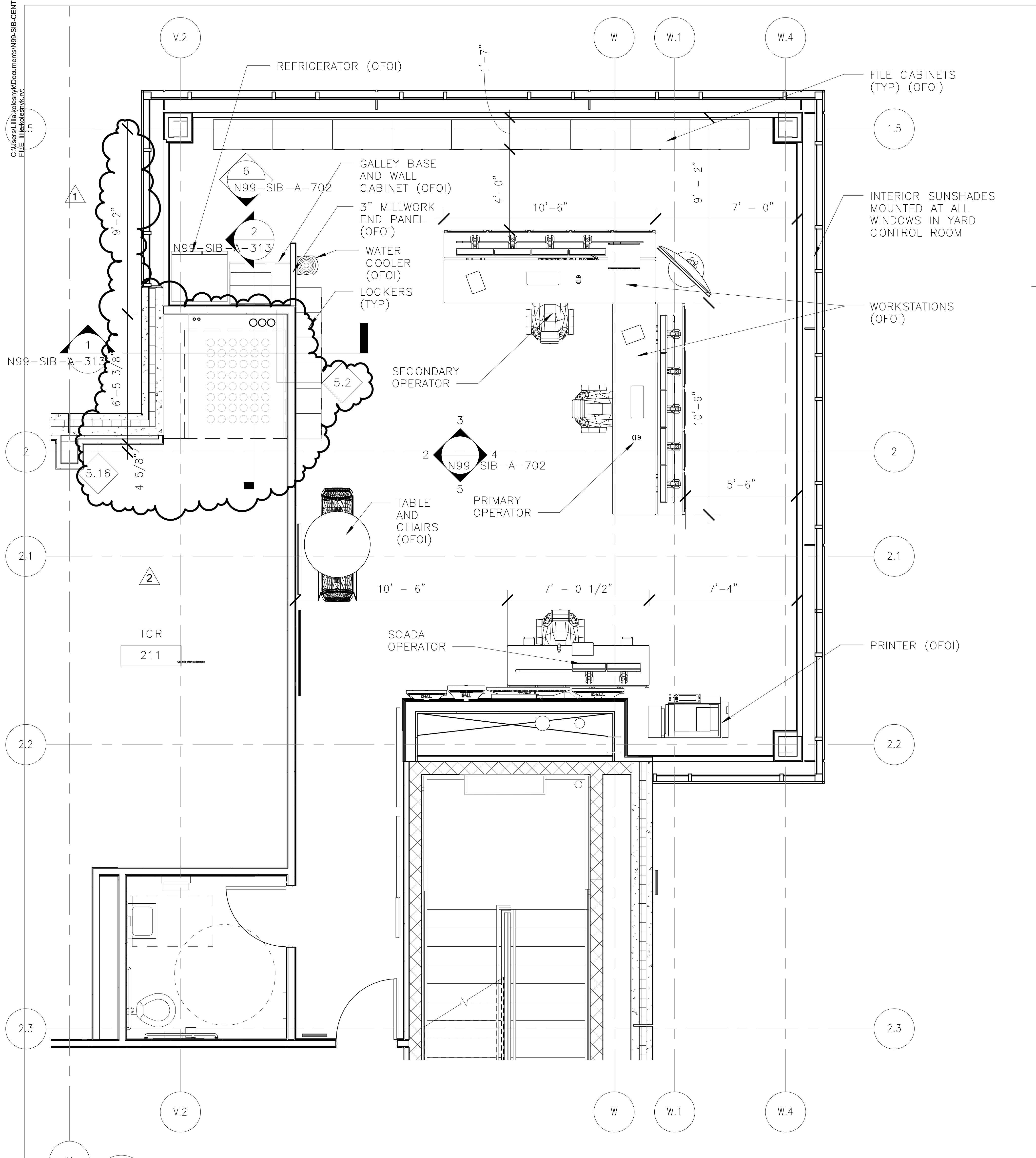

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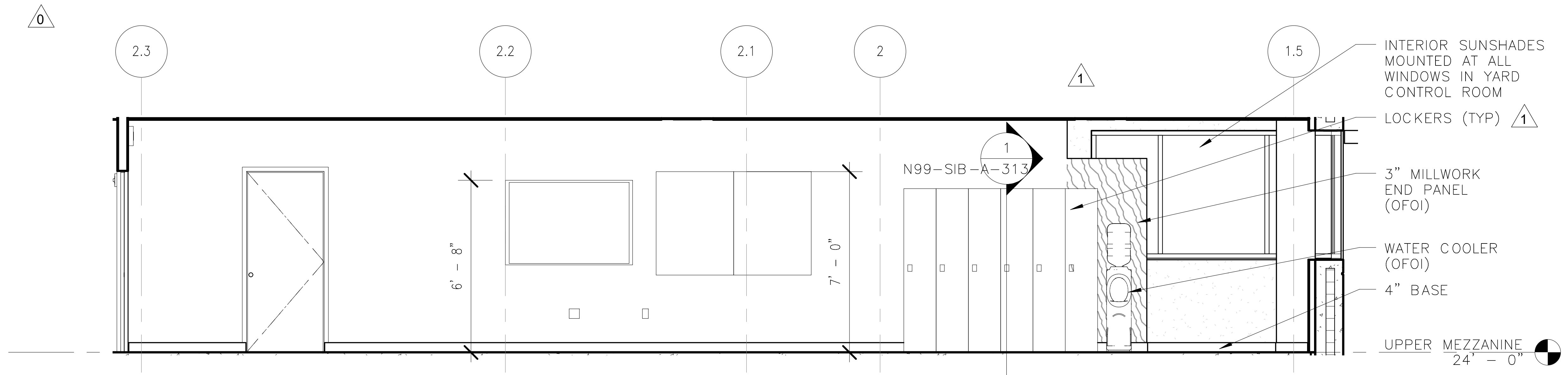
N99-SIB-A-702
N99-SIB-A-134

CONTROL ROOM FLOOR PLAN
1/4" = 1'-0"



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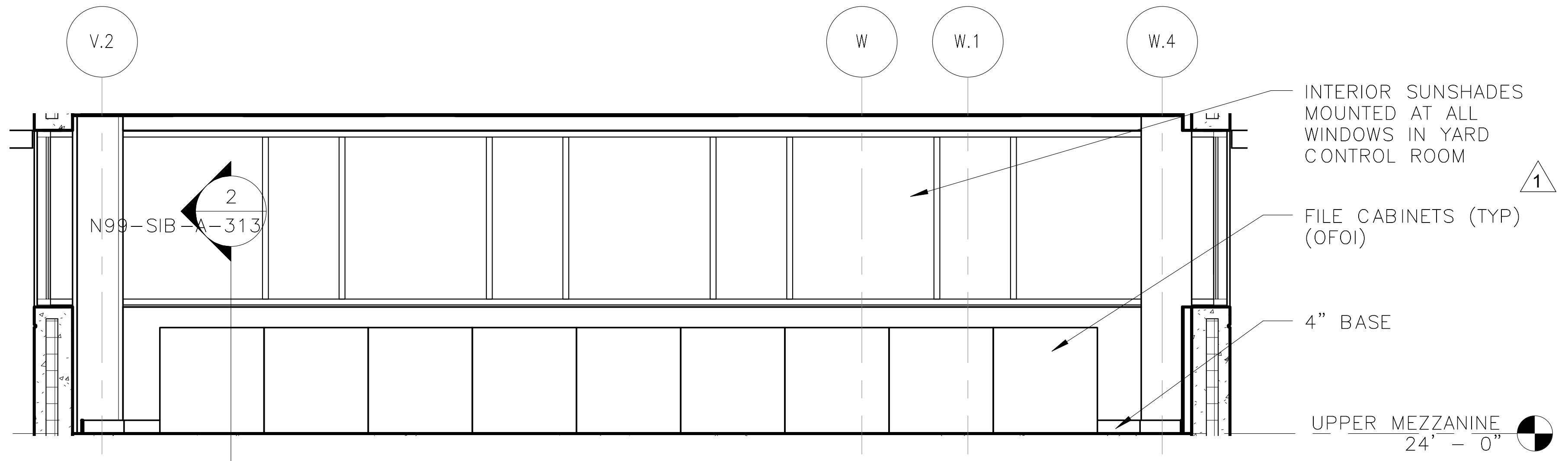
N99-SIB-A-702

CONTROL ROOM - WEST ELEVATION
1/4" = 1'-0"



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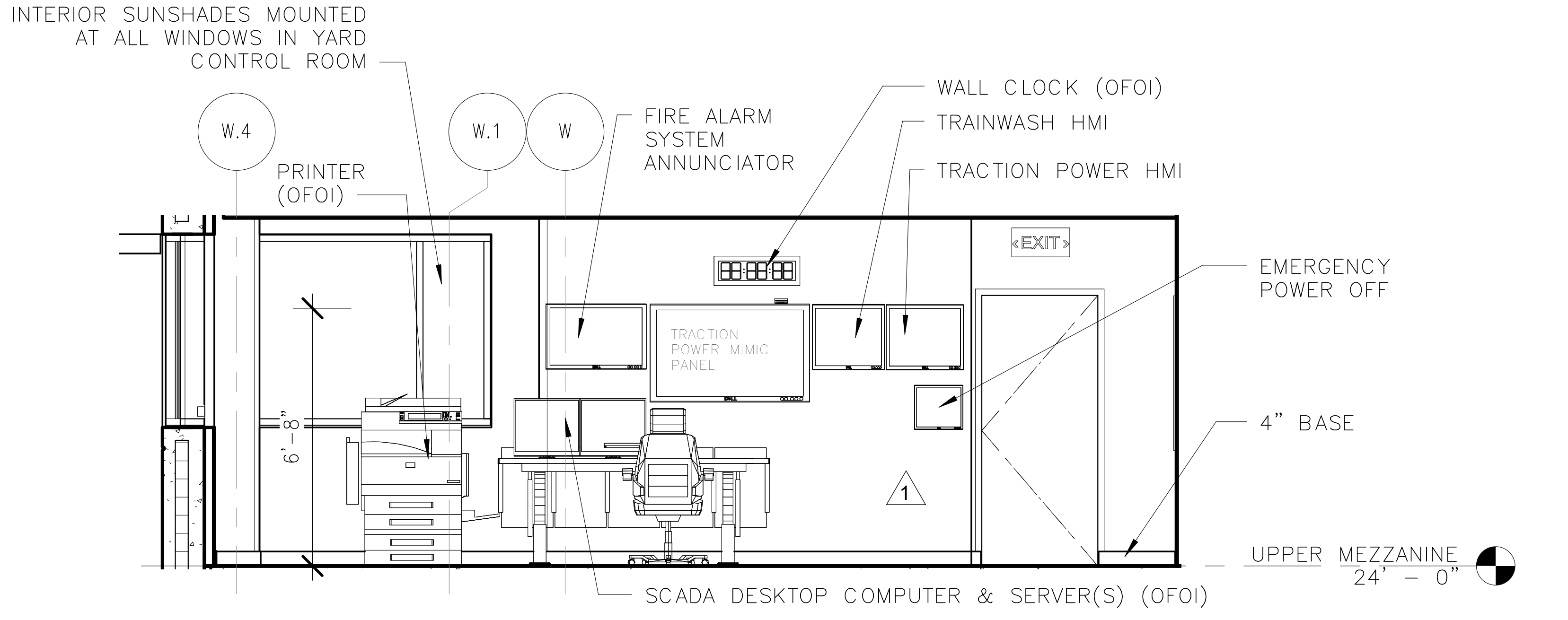
N99-SIB-A-702

CONTROL ROOM - NORTH ELEVATION
1/4" = 1'-0"



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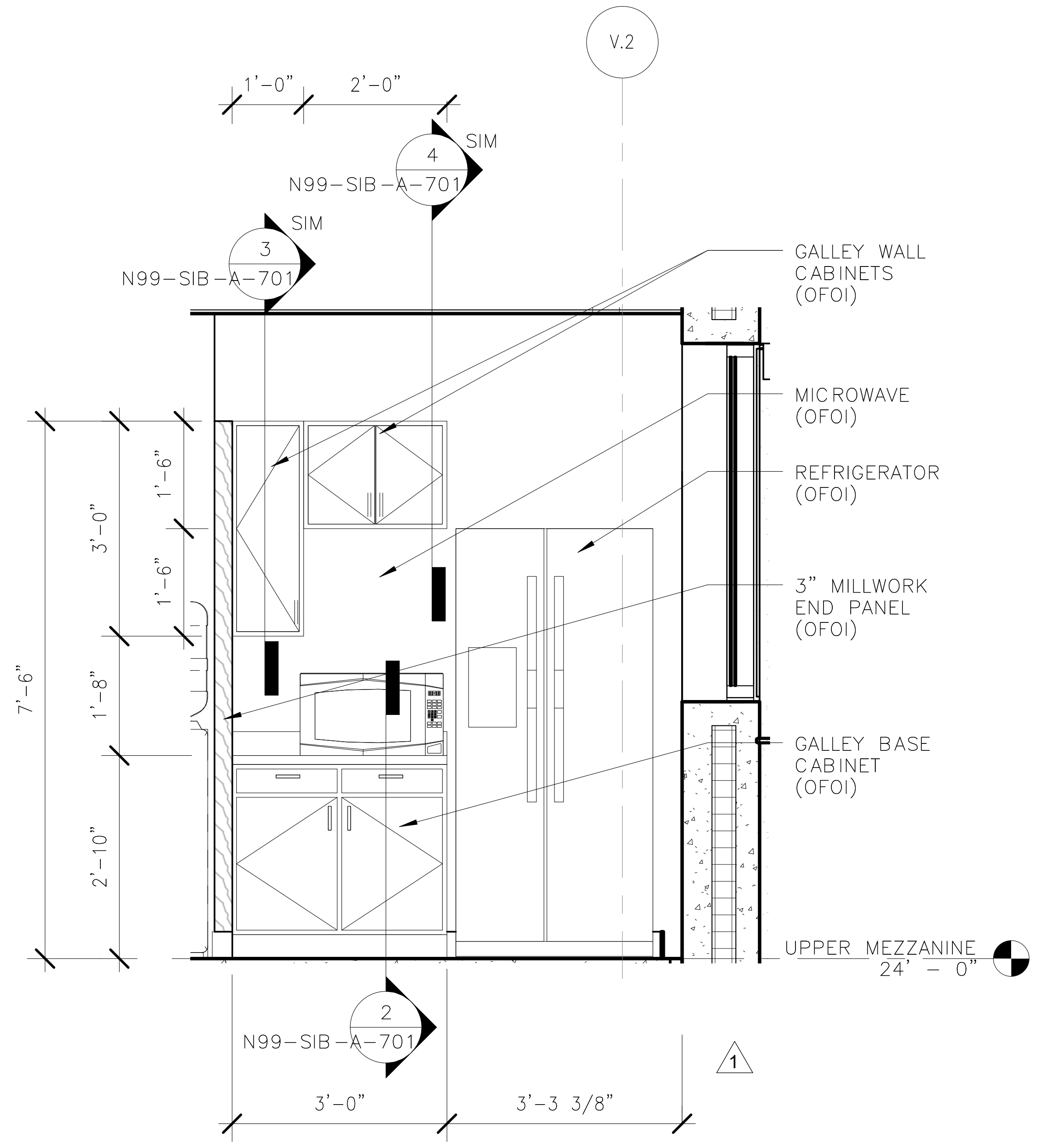
CONTROL ROOM - SOUTH ELEVATION
1/4" = 1'-0"



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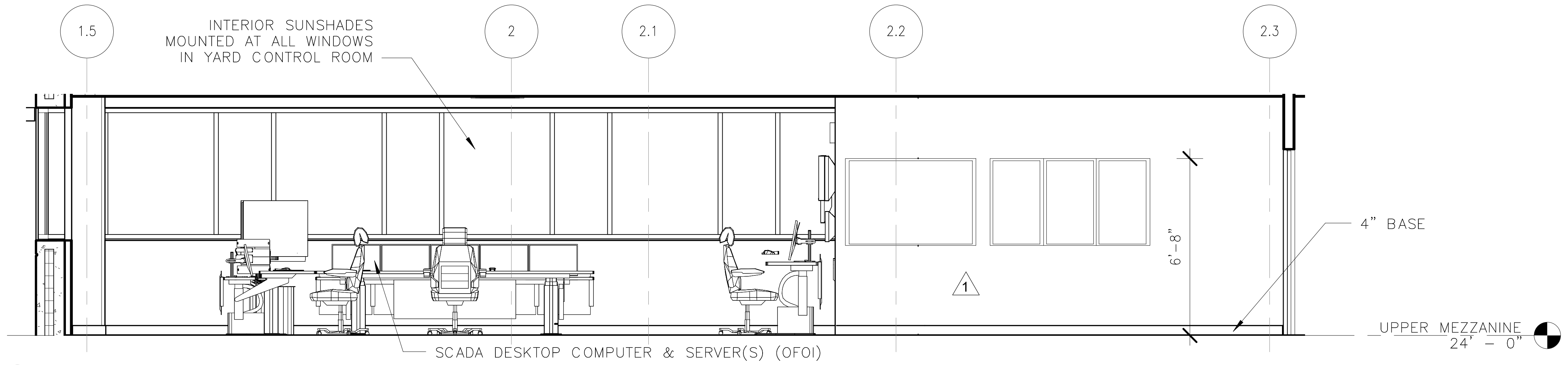
CONTROL ROOM - GALLEY ELEVATION
1/2" = 1'-0"



4
N99-SIB-A-702

CONTROL ROOM - EAST ELEVATION
1/4" = 1'-0"

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NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	05/22/2017	DC 0387: DL-57 YCR Modifications	LK	CTH	JJK	MLG
1	09/01/2017	Design Change 0527: Control Tower shaft wall	LK	CTH	JJK	MLG
2	01/26/2018	Design Change 0642: Control Twr shaft wall	LK	CTH	JJK	MLG

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WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - CONTROL ROOM

SCALE:
DRAWING NO.: N99-SIB-A-702

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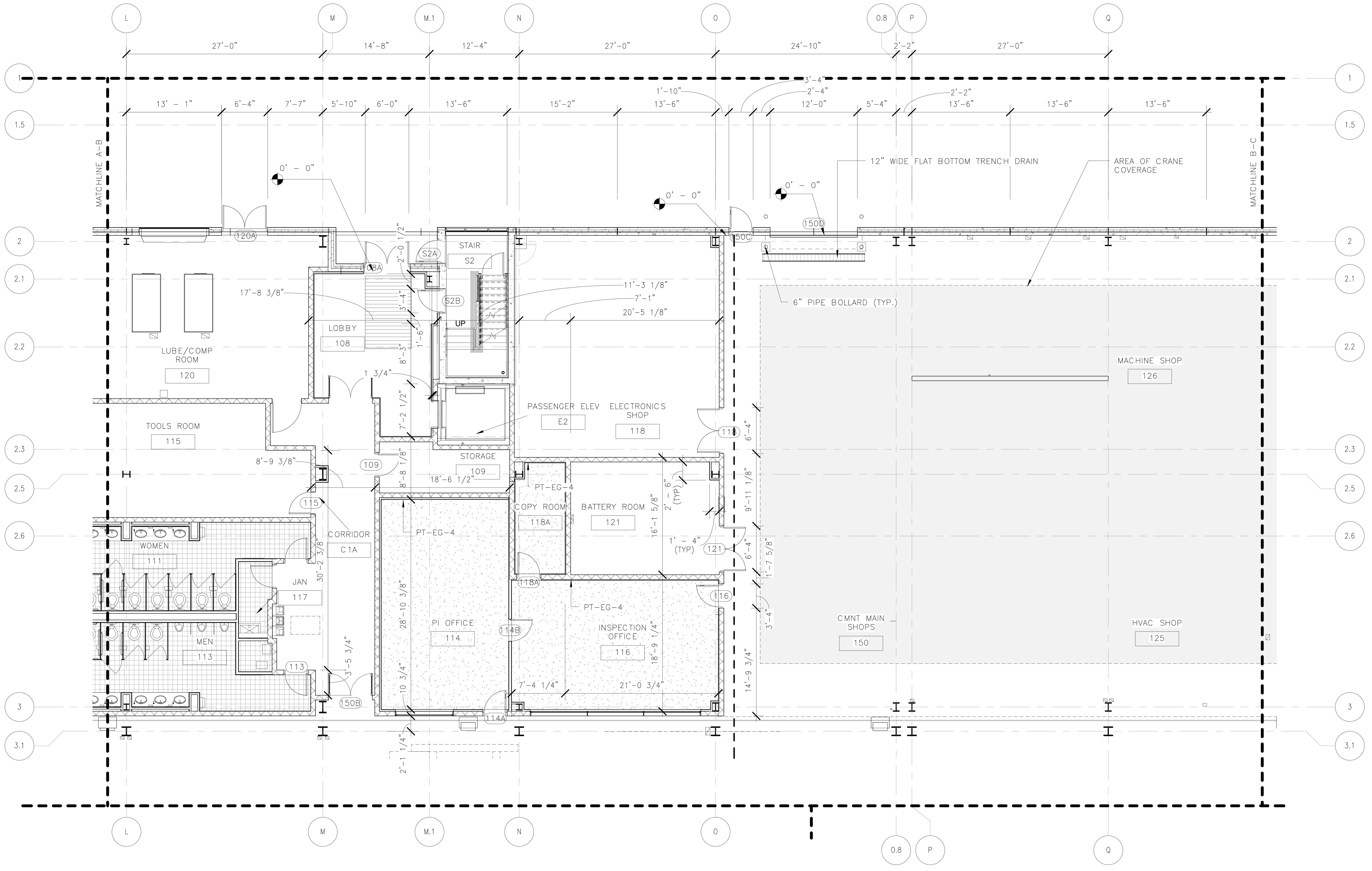
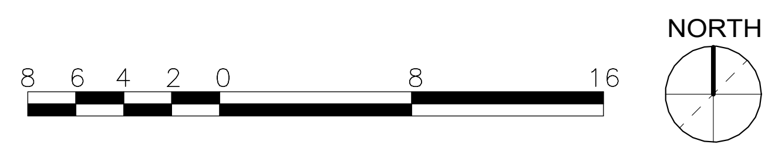
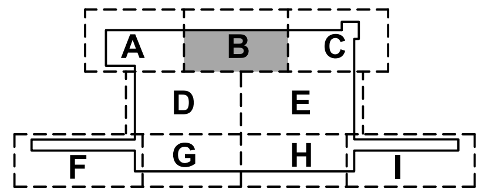


FINISH LEGEND

▨	CPT-1	▦	CFT	░	VCT-1
▨	CPT-6	☐	SLR	░	VCT-4
▥	CPT-7	▩	SDT-1		

REFER TO N99-SIB-A-641 FOR ADDITIONAL FINISH INFORMATION.





ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK — 02/20/2017
DRAWN — DATE
C. HOLMES — 02/20/2017
DESIGNED — DATE
J. KELLEHER — 02/20/2017
CHECKED — DATE
M. GIULIANI — 02/20/2017
APPROVED — DATE

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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR FINISH PLAN - AREA B

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-AI-101

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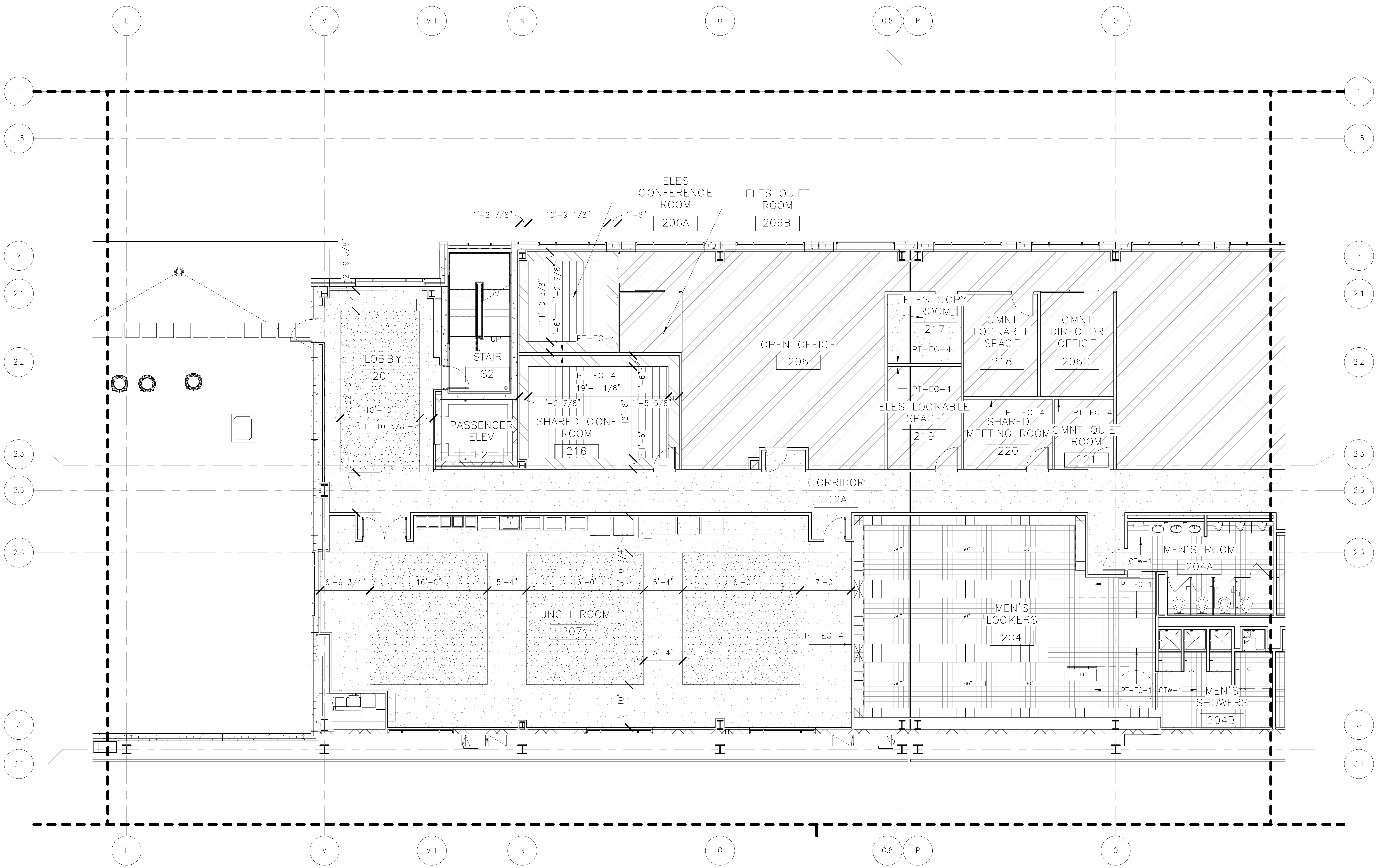

FINISH LEGEND

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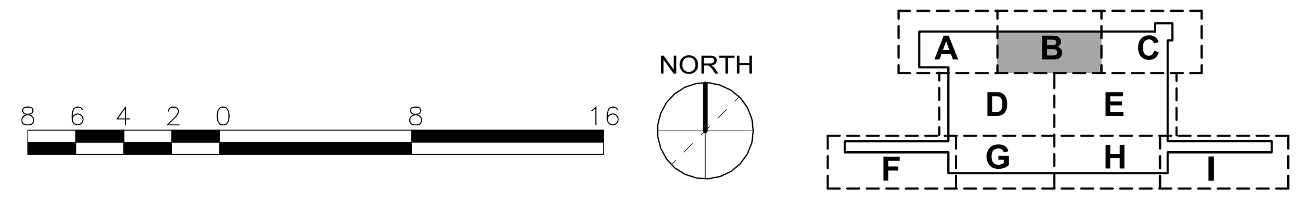
REFER TO N99-SIB-A-641 FOR ADDITIONAL FINISH INFORMATION.



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RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FINISH PLAN - AREA B

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

DRAWING NO.:
N99-SIB-AI-102

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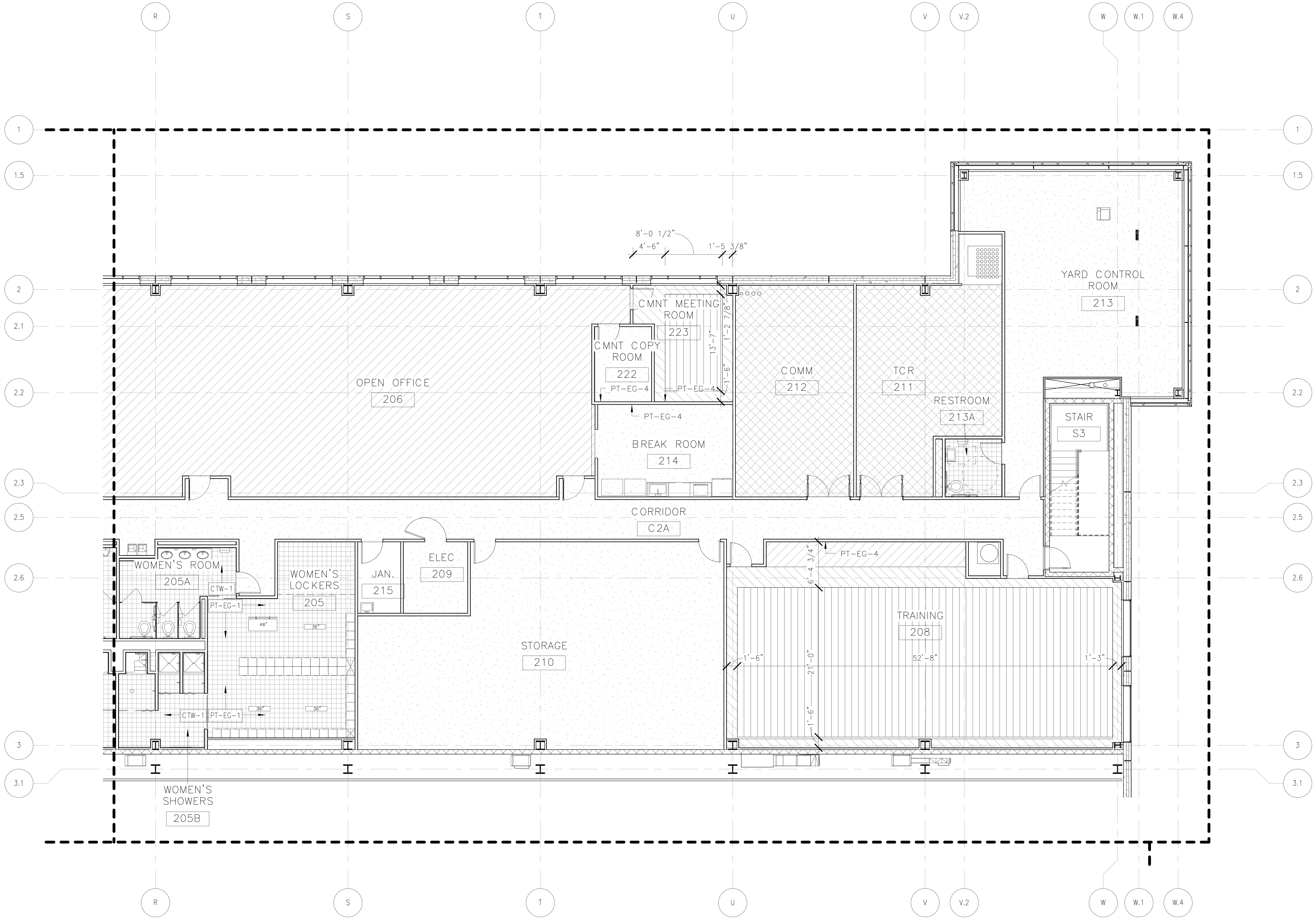
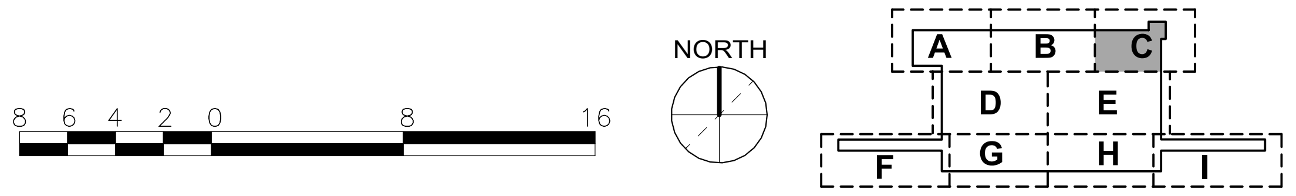


FINISH LEGEND

▨	CPT-1	▦	CFT	░	VCT-1
▧	CPT-6	☐	SLR	░	VCT-4
▥	CPT-7	▩	SDT-1		

REFER TO N99-SIB-A-641 FOR ADDITIONAL FINISH INFORMATION.



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RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FINISH PLAN - AREA C

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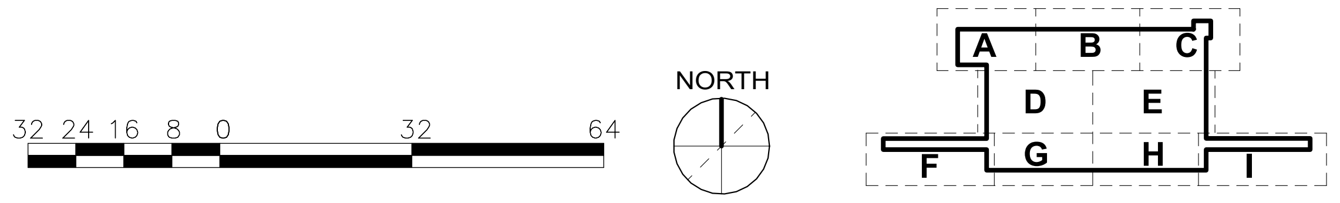

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RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL BASMENT / PIT FLOOR - SIGN PLAN

SCALE: 1/32" = 1'-0"
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RAIL YARD AND MAINTENANCE FACILITY

SIB - BASEMENT/PIT FLOOR PLAN - AREA A - SIGN PLAN

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

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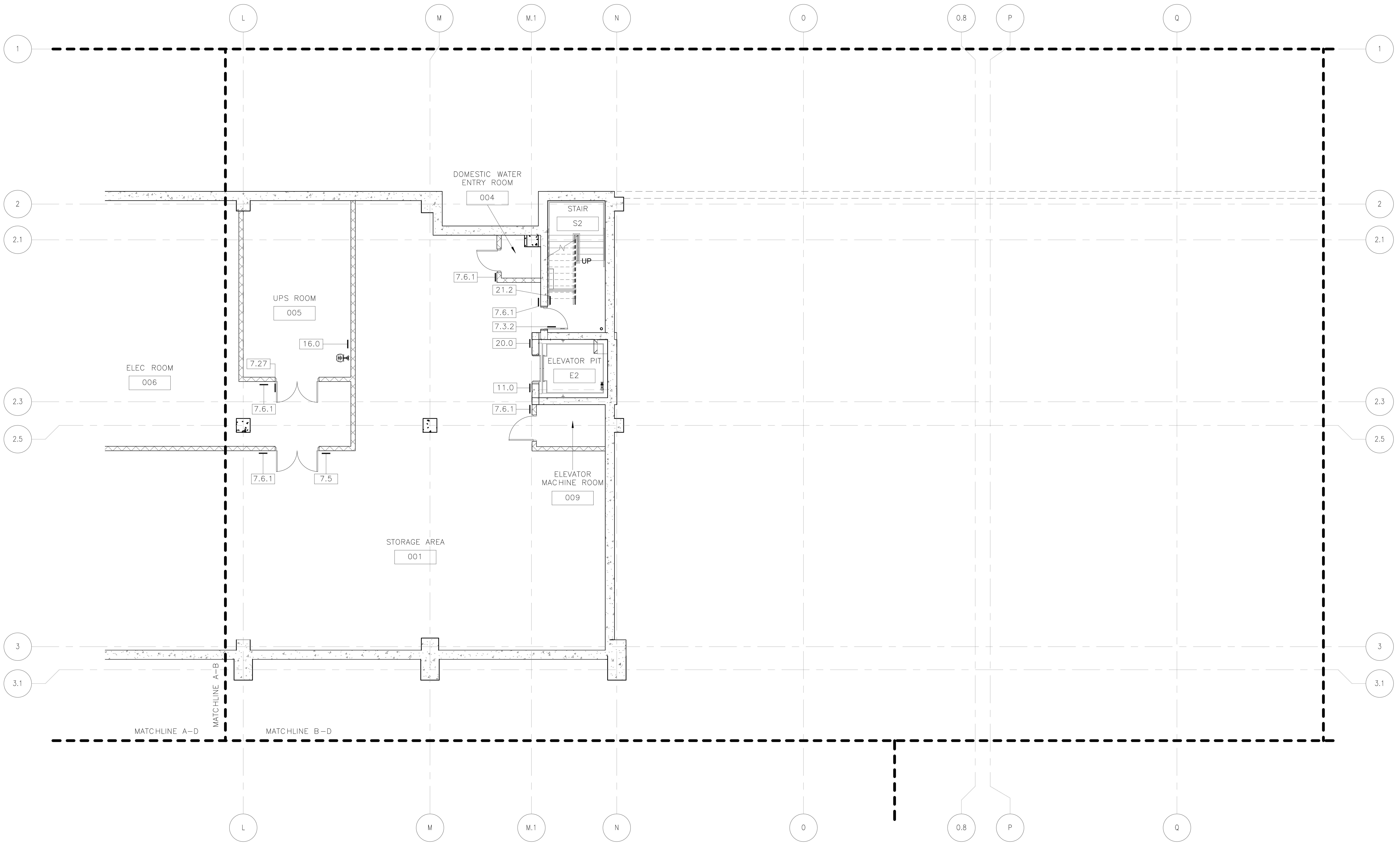

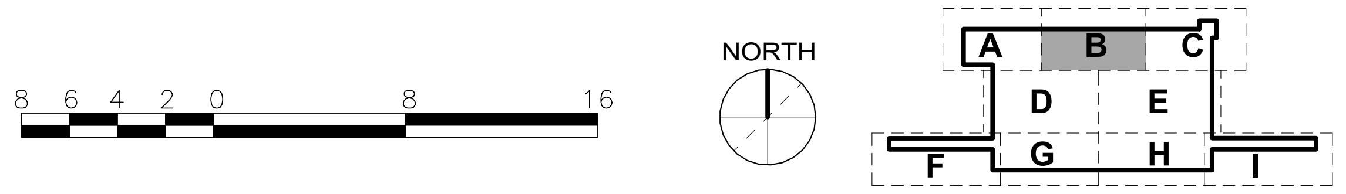

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DESIGNED	DATE
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CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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RAIL YARD AND MAINTENANCE FACILITY

SIB - BASEMENT/PIT FLOOR PLAN - AREA B - SIGN PLAN

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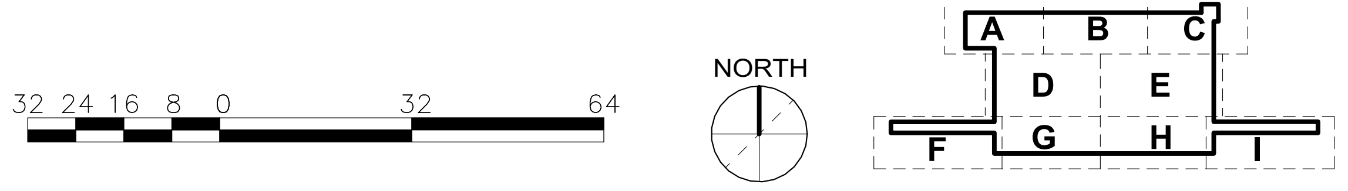

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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

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RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL FIRST FLOOR - SIGN PLAN

SCALE: 1/32" = 1'-0"
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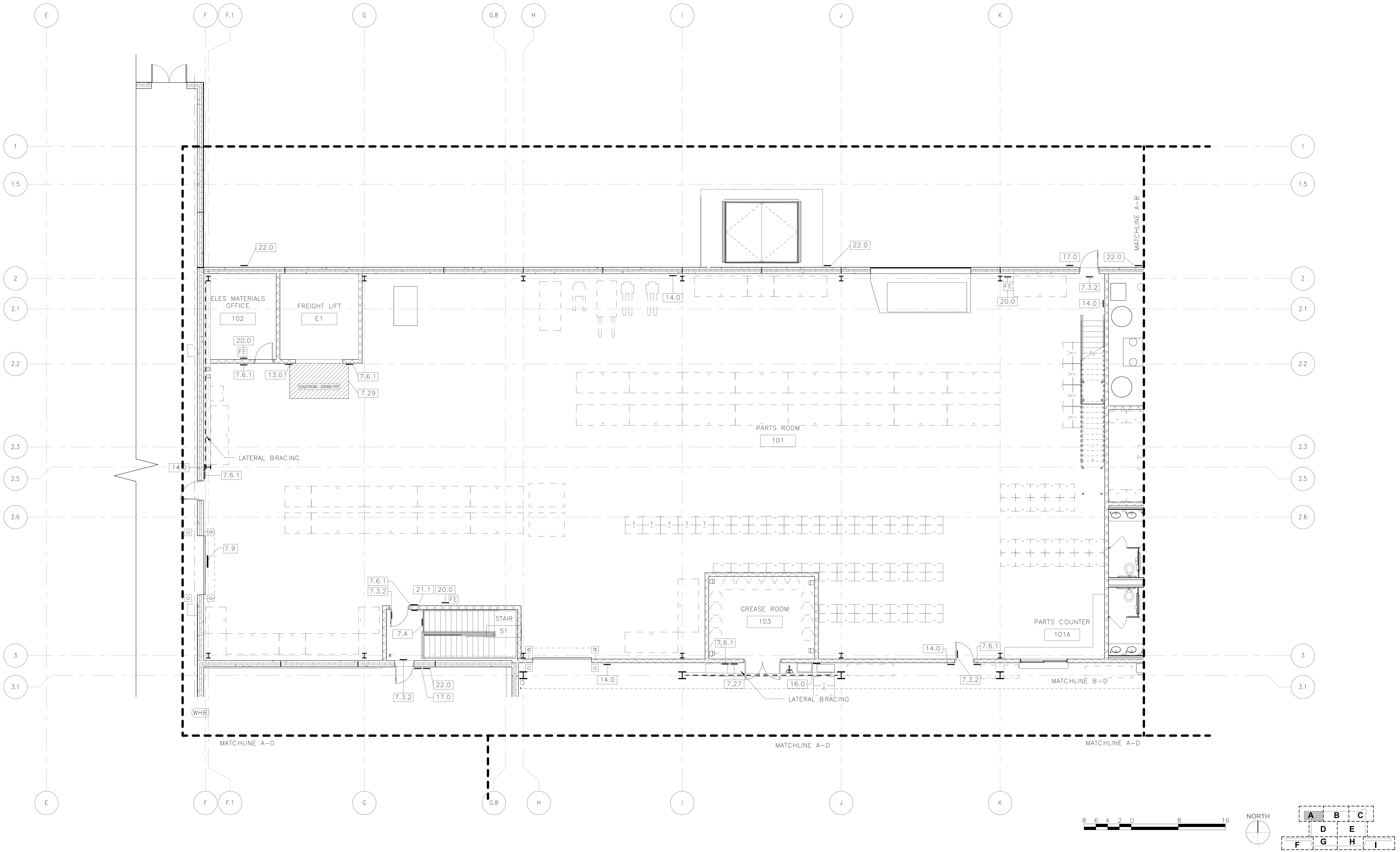

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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
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C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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REVISIONS

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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA A - SIGN PLAN

SCALE:	DRAWING NO.:
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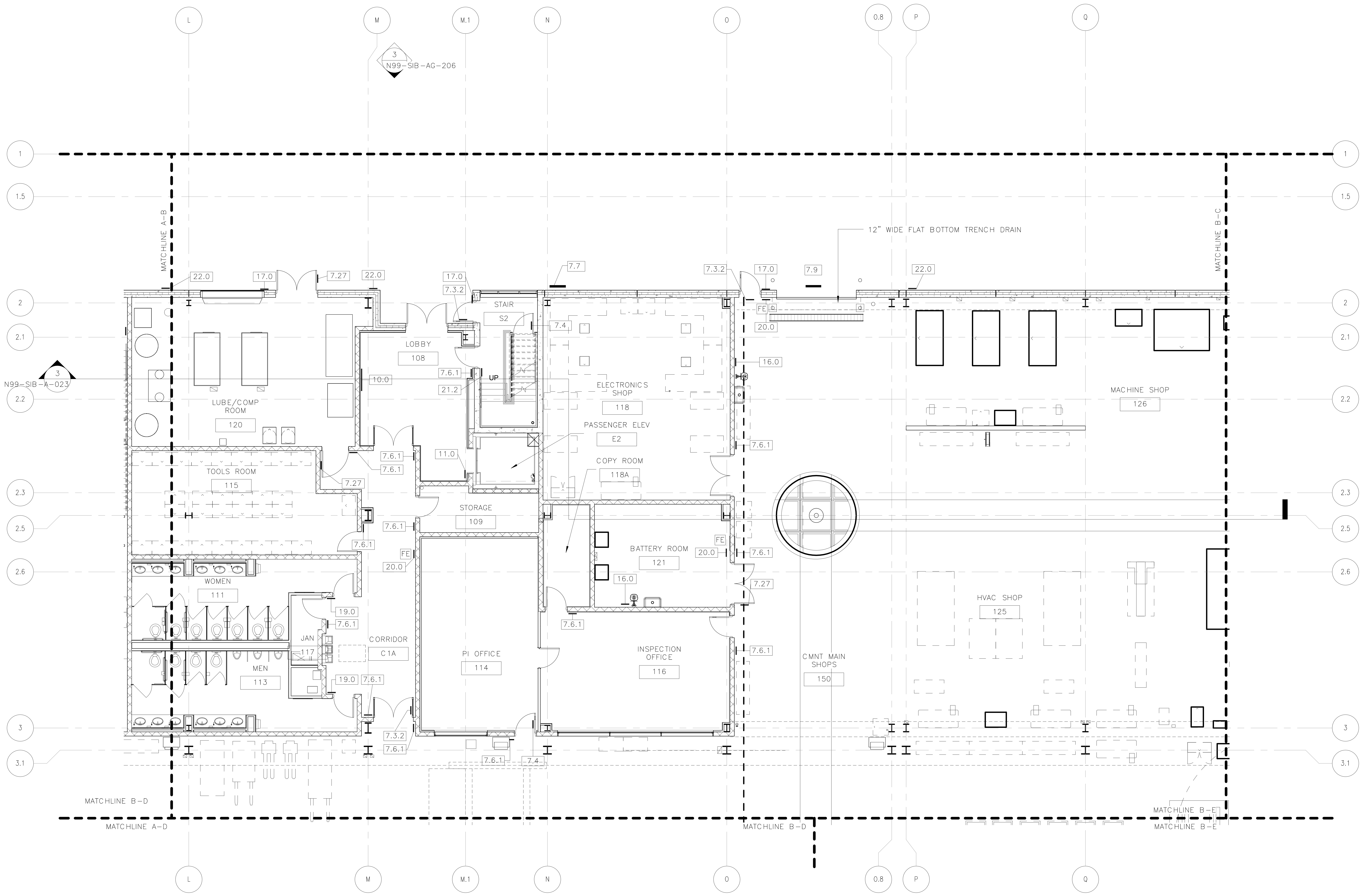

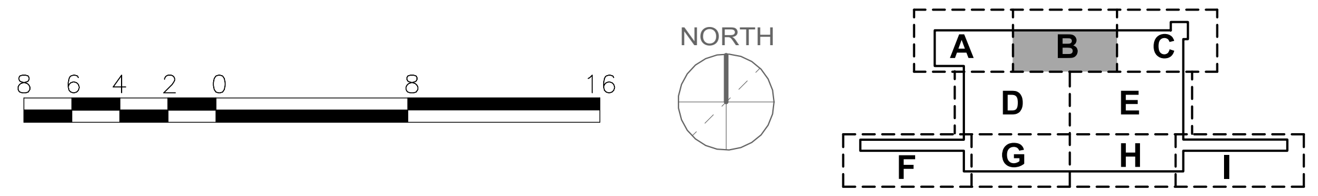

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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA B - SIGN PLAN

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

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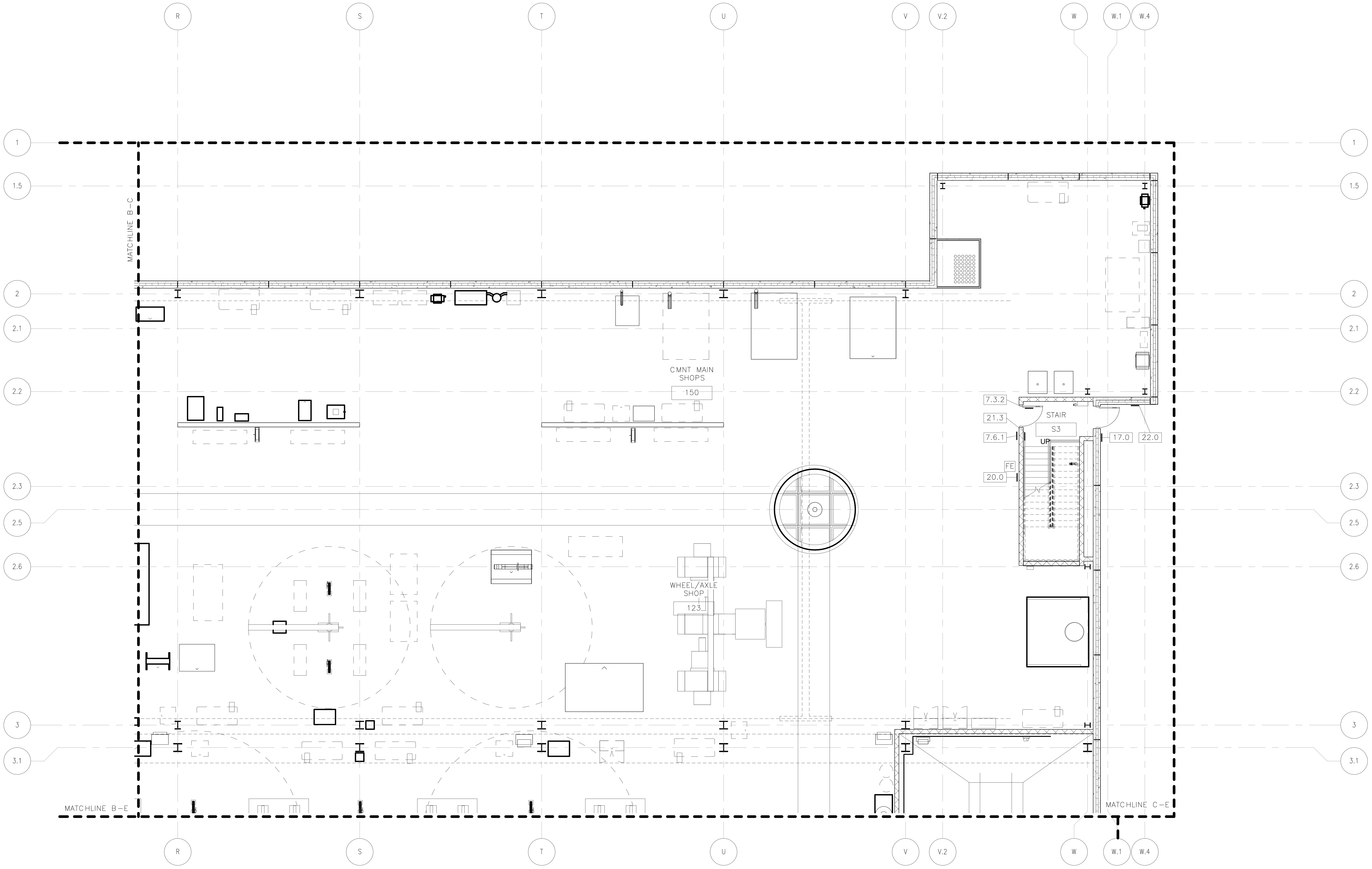

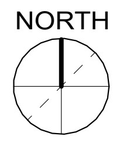

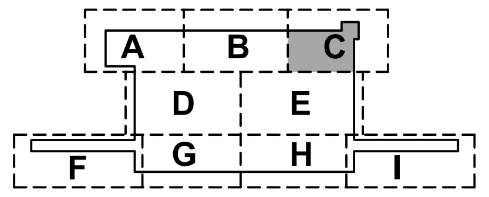

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CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA C - SIGN PLAN

SCALE: 1/8" = 1'-0"
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DESIGNED	DATE
J. KELLEHER	02/20/2017
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RAIL YARD AND MAINTENANCE FACILITY		
SIB - FIRST FLOOR PLAN - AREA D - SIGN PLAN		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-SIB-AG-115	

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M. GIULIANI	02/20/2017
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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA E - SIGN PLAN

SCALE:	DRAWING NO.:
1/8" = 1'-0"	N99-SIB-AG-116

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CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

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CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA F - SIGN PLAN

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-AG-117

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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA G - SIGN PLAN

SCALE: 1/8" = 1'-0"
DRAWING NO.: N99-SIB-AG-118

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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA H - SIGN PLAN

SCALE: 1/8" = 1'-0"
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RAIL YARD AND MAINTENANCE FACILITY

SIB - FIRST FLOOR PLAN - AREA I - SIGN PLAN

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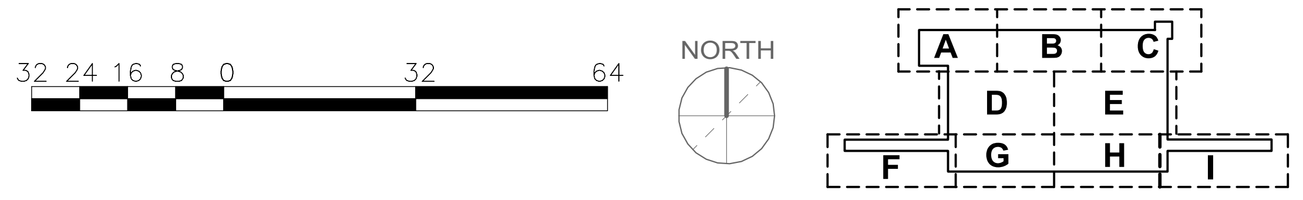

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RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL LOWER MEZZANINE FLOOR PLAN - SIGN PLAN

SCALE: 1/32" = 1'-0"
DRAWING NO.: N99-SIB-AG-121

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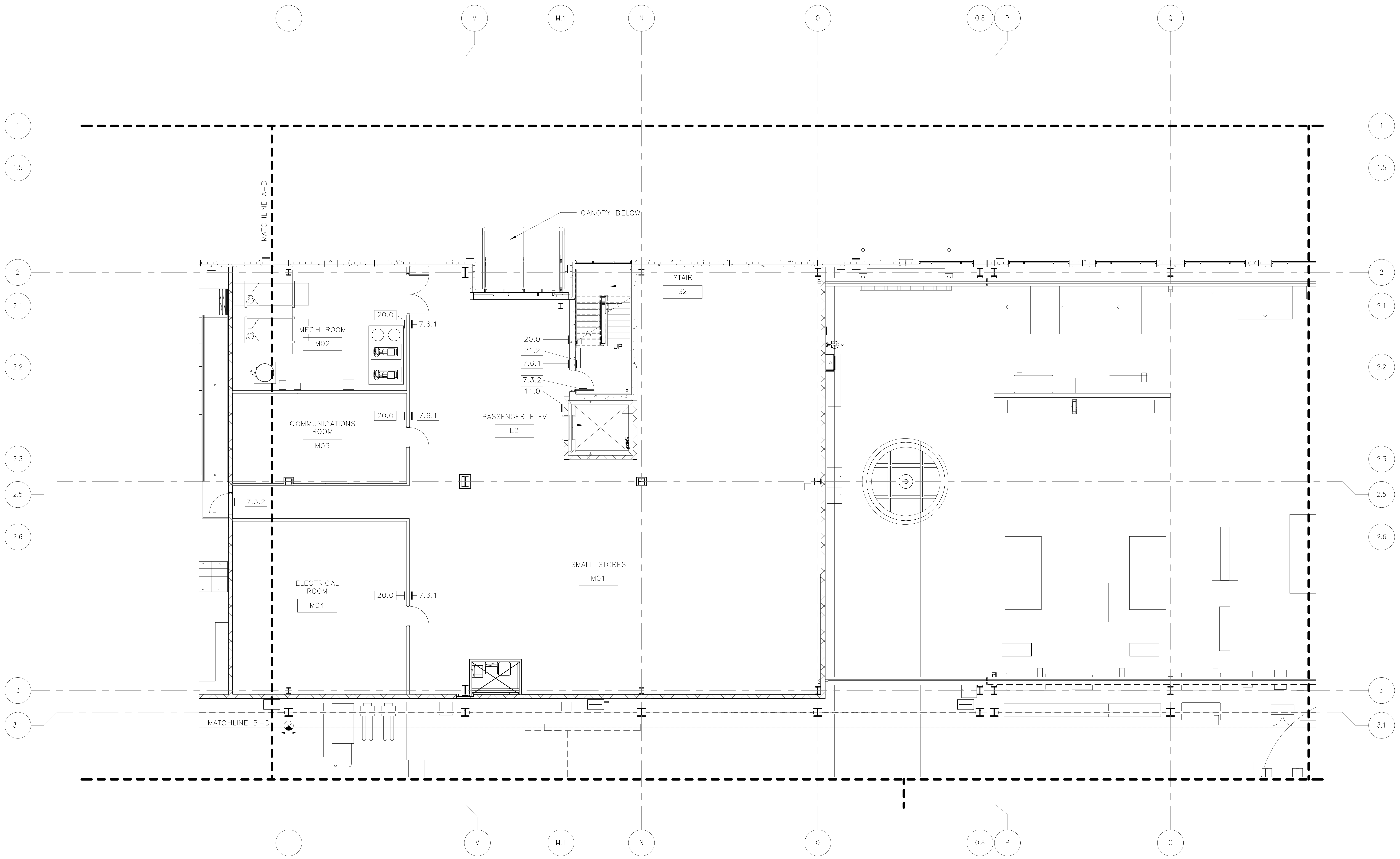

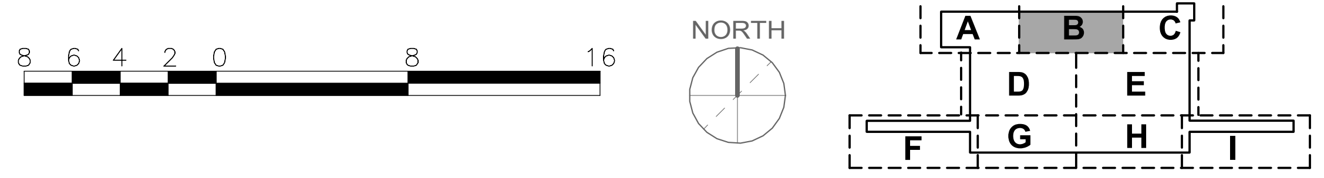

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RAIL YARD AND MAINTENANCE FACILITY

SIB - LOWER MEZZANINE FLOOR PLAN - AREA B - SIGN PLAN

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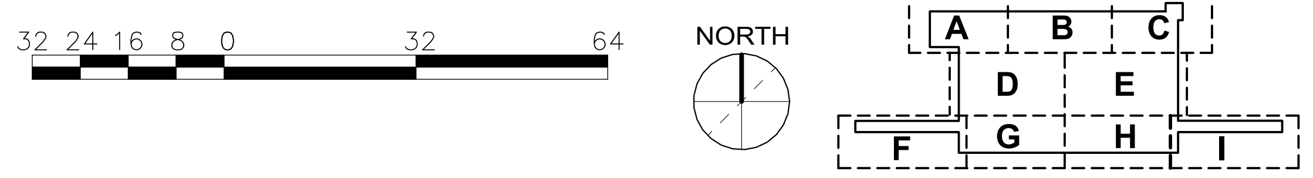

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RAIL YARD AND MAINTENANCE FACILITY

SIB - OVERALL UPPER MEZZANINE FLOOR PLAN - SIGN PLAN

SCALE: 1/32" = 1'-0"
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RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR PLAN - AREA B - SIGN PLAN

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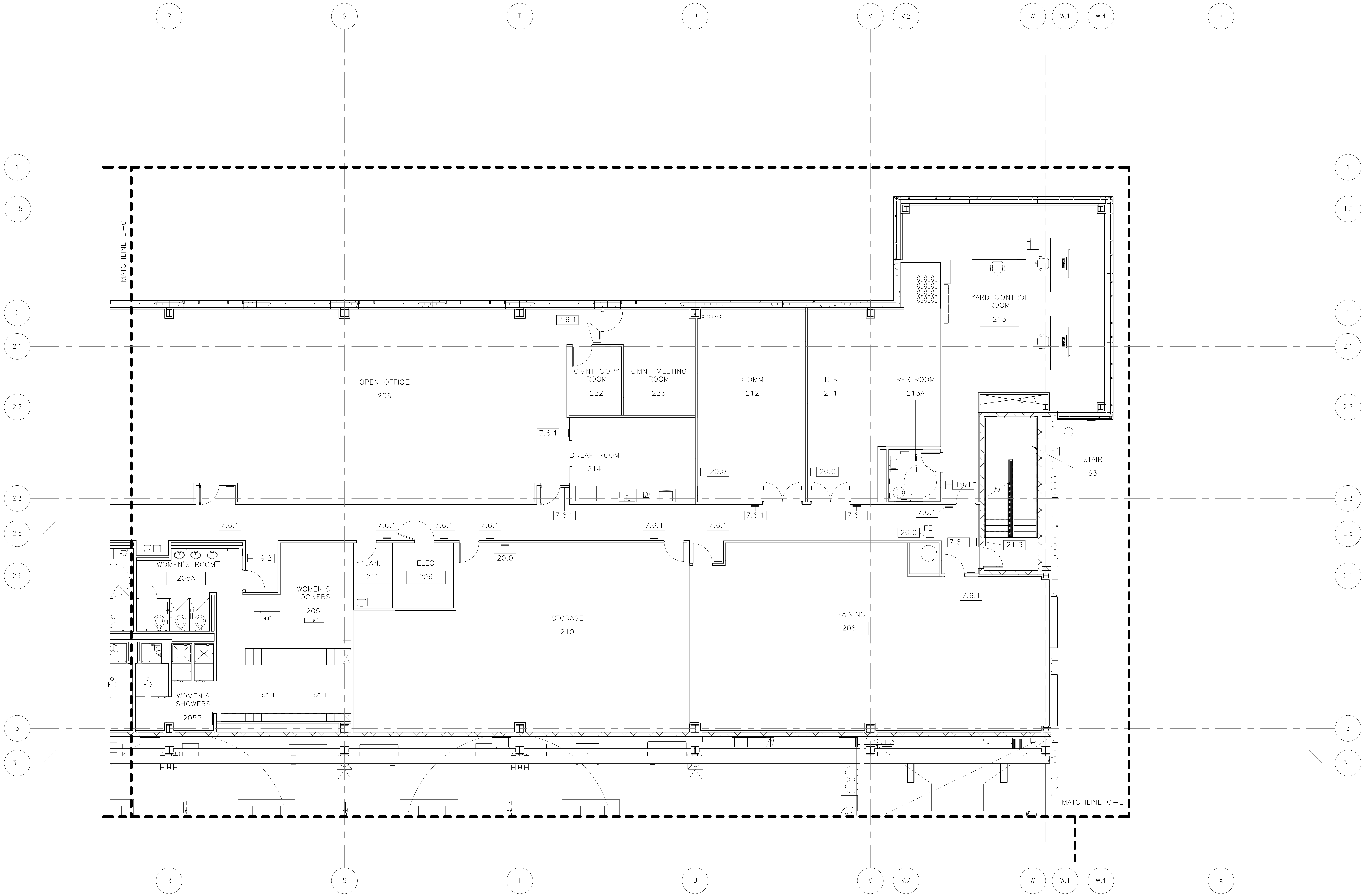

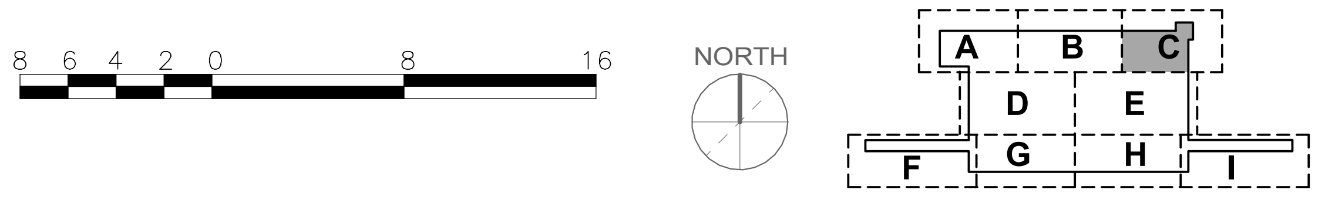

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RAIL YARD AND MAINTENANCE FACILITY

SIB - UPPER MEZZANINE FLOOR PLAN - AREA C- SIGN PLAN

SCALE:	DRAWING NO.:
1/8" = 1'-0"	N99-SIB-AG-134

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7.3 – DOOR EXIT SIGNS

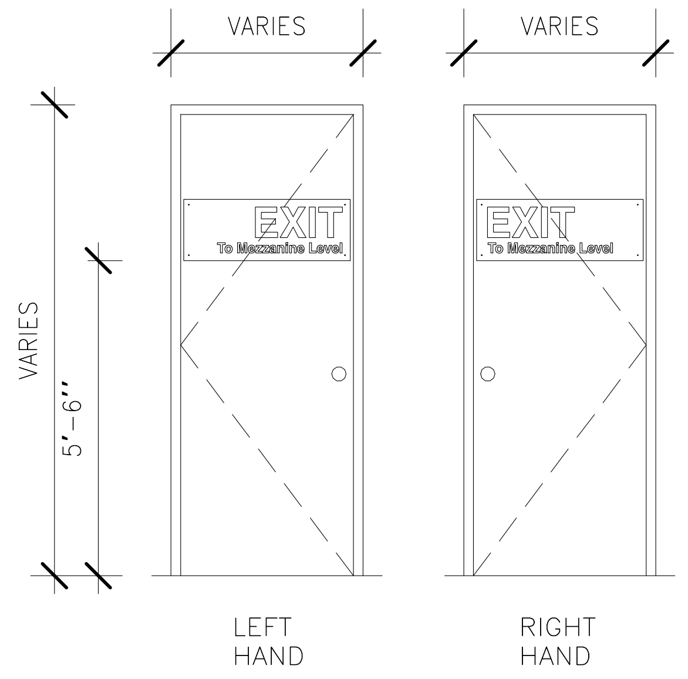
1. SIGN MATERIAL TO BE .08" THICK STEEL WITH PORCELAIN ENAMEL FINISH.
2. TEXT TO BE WHITE ON RED BACKGROUND.
3. ALL TEXT SHALL BE NEUE HELVETICA STD 75 BOLD UPPER AND LOWER CASE LETTERS AS SHOWN.
4. ALL TEXT AND DISKS SHALL BE WHITE ON RED BACKGROUND.
5. MOUNT ALL SIGNS WITH METRIC ALLEN HEAD FASTENERS: FOUR (4) FASTENERS TOTAL; ONE (1) FASTENER AT EACH SIGN CORNER AS SHOWN.
6. AT DOUBLE DOORS SIGNS ARE ALWAYS TO BE INSTALLED ON ACTIVE DOOR LEAF. CONTRACTOR SHALL VERIFY ACTIVE DOOR LEAF PRIOR TO INSTALLATION.
7. SERVICE ROOM DOOR INSCRIPTIONS IN PUBLIC SPACES SHOULD BE SILK SCREENED DIRECTLY ON DOOR.
8. REFER TO DOOR EXIT SIGN ELEVATION DETAIL FOR MOUNTING HEIGHT.

7.4 – NO EXIT DOOR SIGN

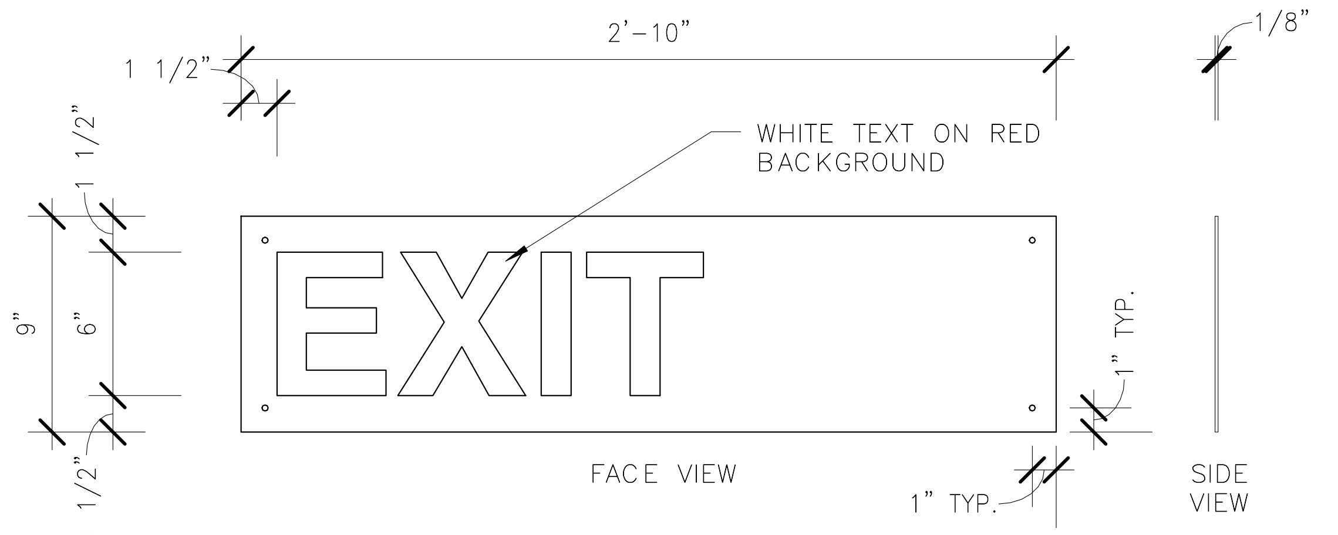
1. SIGN MATERIAL TO BE .08 THICK STEEL WITH PORCELAIN ENAMEL FISH.
2. TEXT TO BE RED ON WHITE BACKGROUND.
3. ALL TEXT SHALL BE NEUE HELVETICA STD 75 BOLD UPPER AND LOWER CASE LETTERS AS SHOWN.
4. MOUNT ALL SIGNS WITH METRIC ALLEN HEAD FASTENERS: FOUR (4) FASTENERS TOTAL; ONE (1) FASTENER AT EACH SIGN CORNER.
5. ALL SIGNS SHALL BE 2 –10 LONG UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL FIELD MEASURE ALL DOORS PRIOR TO FABRICATION AND INSTALLATION OF SIGNS.
7. AT DOUBLE DOORS SIGNS ARE ALWAYS TO BE INSTALLED ON ACTIVE DOOR LEAF. CONTRACTOR SHALL VERIFY ACTIVE DOOR LEAF PRIOR TO INSTALLATION.
8. SERVICE ROOM DOOR INSCRIPTIONS IN PUBLIC SPACES SHOULD BE SILK SCREENED DIRECTLY ON DOOR.
9. REFER TO DOOR EXIT SIGN ELEVATION DETAIL FOR MOUNTING HEIGHT.

7.20 – HIGH VOLTAGE SIGN – DOOR MOUNTED

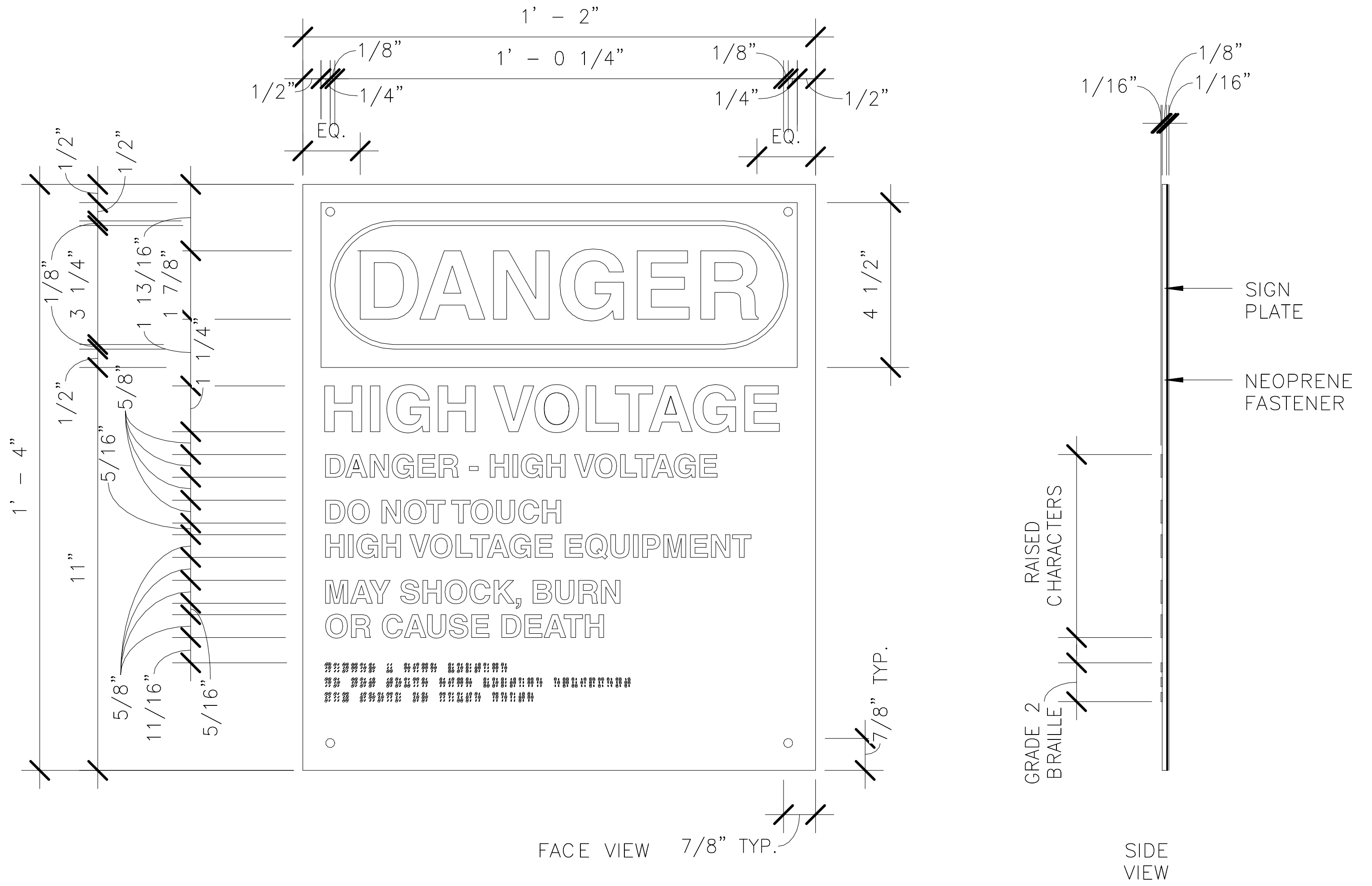
1. SIGN MATERIAL TO BE ENGINEER GRADE POLYMER.
2. SIGNS TO BE INSTALLED ON STATION SERVICE ROOM ENTRY DOORS LEADING TO ELECTRICAL EQUIPMENT
3. SIGNS MAY ALSO BE INSTALLED ON STAIRWELL DOORS LEADING DIRECTLY INTO TRACTION POWER SUBSTATION ROOMS.
4. REFER TO N99-LCW-G-005 FOR TYPICAL SIGN MOUNTING DETAILS.



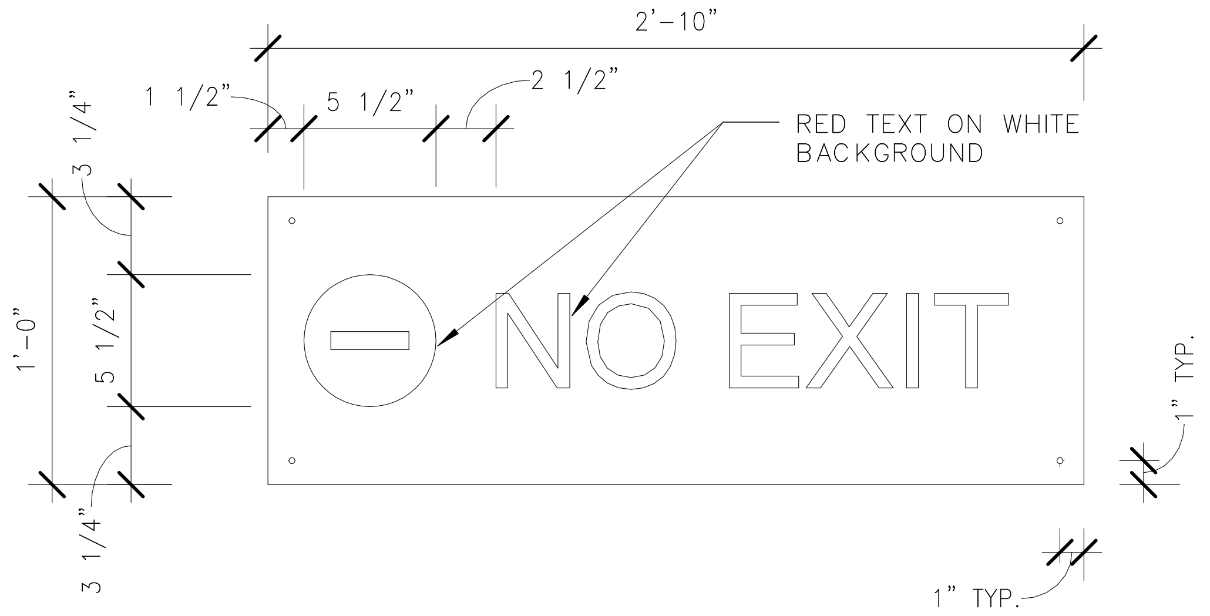
7.3 EXIT SIGN - ELEVATION
1 1/2" = 1'-0"



7.3.2 - EXIT SIGN
1 1/2" = 1'-0"



7.20 - HIGH VOLTAGE SIGN
3" = 1'-0"



7.4 - NO EXIT SIGN
1 1/2" = 1'-0"

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RAIL YARD AND MAINTENANCE FACILITY

SIB - SIGNAGE DETAILS

SCALE: AS NOTED
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7.5 – EMERGENCY/RESTRICTIVE TACTILE DOOR SIGNS

1. SIGN MATERIAL TO BE ENGINEER GRADE POLYMER.
2. GROUNDS, BRAILLE AND EDGES TO MATCH PMS 185 RED.
3. COPY TO BE WHITE, NEUE HELVETICA STD 75 BOLD RAISED LETTERS.
4. SIGNS TO BE STUD MOUNTED TO CONCRETE WALL WITH MINIMUM PENETRATION DEPTH OF 3/4 ; SIGN PENETRATION OF 1/8 .
5. SIGNS TO HAVE CONTINUOUS CLEAR SILICONE SEALANT PERIMETER BEADS. EXCESS TO BE IMMEDIATELY REMOVED.
6. SIGNS TO BE MOUNTED AT 60 FROM FISHED FLOOR TO BOTTOM OF FIRST LINE OF RAISED CHARACTERS. MOUNT AT 48 MINIMUM FROM FISHED FLOOR TO BOTTOM OF SIGN.
7. REFER TO N99–LCW–G–005 FOR TYPICAL SIGN MOUNTING DETAILS.

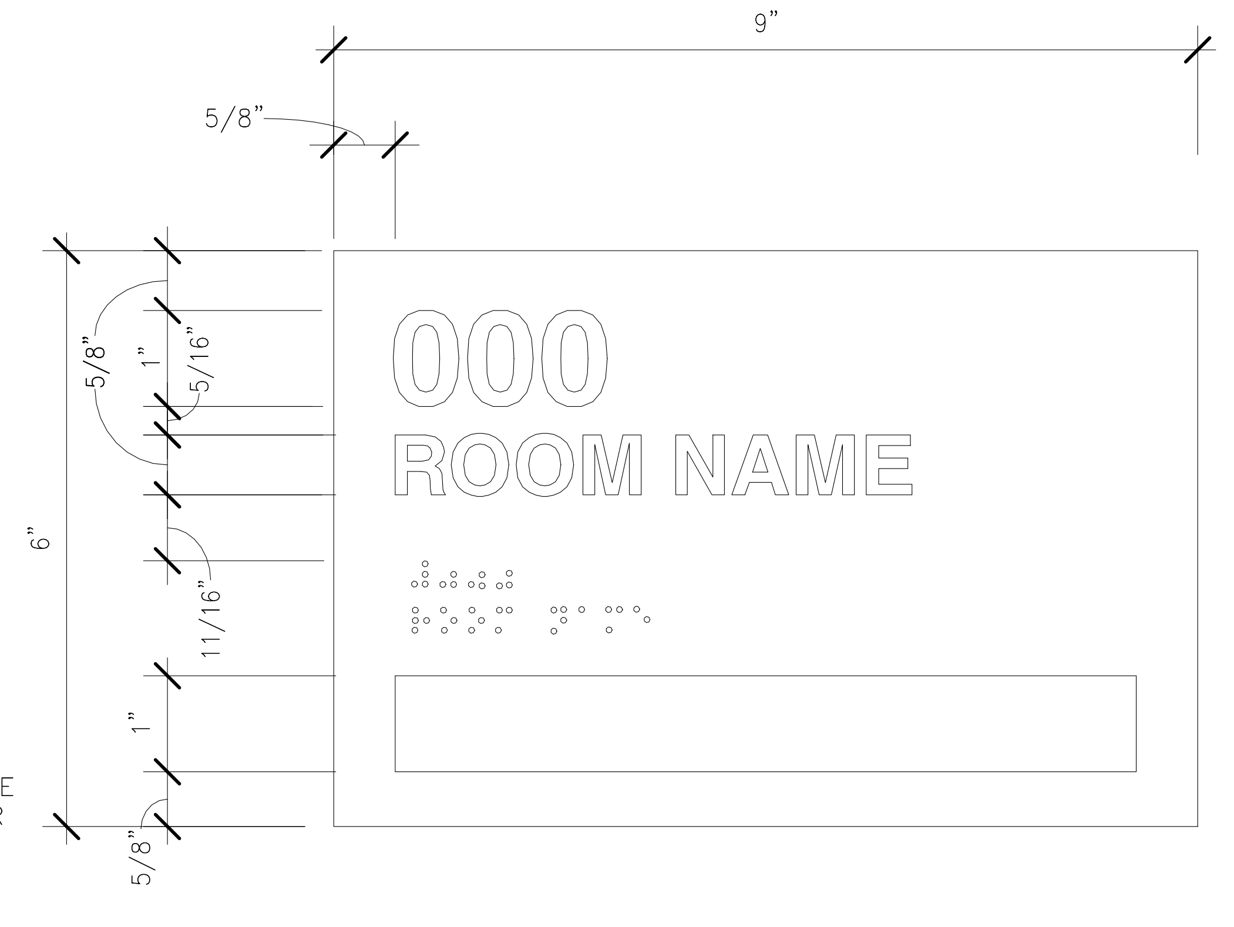
7.6 – ROOM IDENTIFICATION DOOR SIGNS

1. SIGN MATERIAL TO BE ENGINEER GRADE POLYMER.
2. GROUNDS, BRAILLE AND EDGES TO MATCH FEDERAL SPEC. 20040.
3. COPY TO BE WHITE, NEUE HELVETICA STD 75 BOLD RAISED LETTERS.
4. SIGNS TO BE STUD MOUNTED TO CONCRETE WALL WITH MINIMUM PENETRATION DEPTH OF 3/4 ; SIGN PENETRATION OF 1/8 .
5. SIGNS TO HAVE CONTINUOUS CLEAR SILICONE SEALANT PERIMETER BEADS. EXCESS TO BE IMMEDIATELY REMOVED.
6. SIGNS TO BE MOUNTED AT 60 FROM FISHED FLOOR TO BOTTOM OF FIRST LINE OF RAISED CHARACTERS. MOUNT AT 48 MINIMUM FROM FISHED FLOOR TO BOTTOM OF SIGN.
7. REFER TO N99–LCW–G–005 FOR TYPICAL SIGN MOUNTING DETAILS.

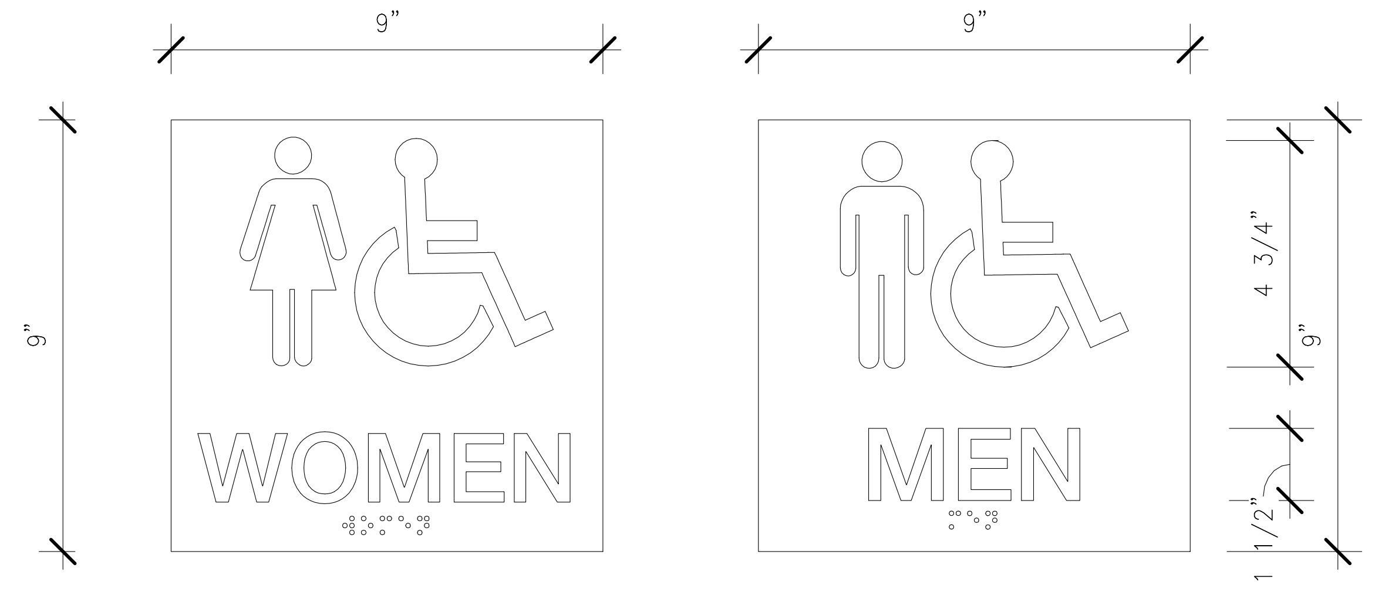
17.0 – ROOM IDENTIFICATION DOOR SIGNS

1. SIGN MATERIAL TO BE .08" THICK PAINTED ALUMINUM.
2. GROUNDS, BRAILLE AND EDGES TO MATCH FEDERAL SPEC. 20040.
3. COPY TO BE WHITE, NEUE HELVETICA STD 75 BOLD RAISED LETTERS.
4. SIGNS TO BE STUD MOUNTED TO CONCRETE WALL WITH MINIMUM PENETRATION DEPTH OF 3/4 ; SIGN PENETRATION OF 1/8 .
5. SIGNS TO HAVE CONTINUOUS CLEAR SILICONE SEALANT PERIMETER BEADS. EXCESS TO BE IMMEDIATELY REMOVED.
6. SIGNS TO BE MOUNTED AT 60 FROM FISHED FLOOR TO BOTTOM OF FIRST LINE OF RAISED CHARACTERS. MOUNT AT 48 MINIMUM FROM FISHED FLOOR TO BOTTOM OF SIGN.
7. REFER TO N99–LCW–G–005 FOR TYPICAL SIGN MOUNTING DETAILS.

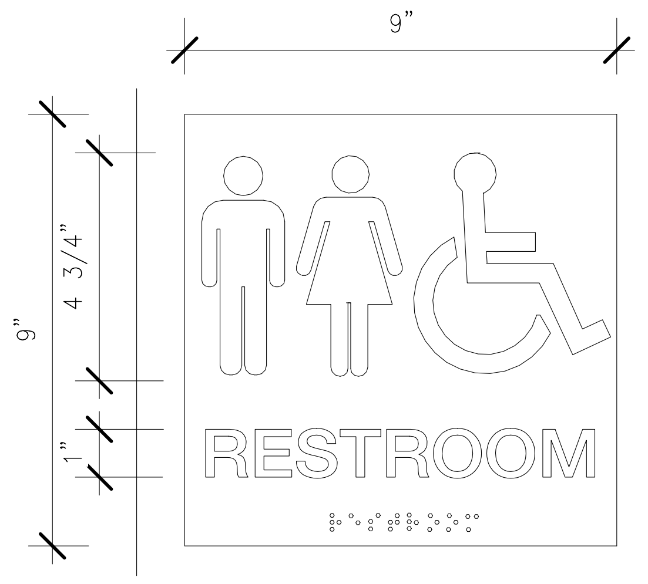
7.5 - EMERGENCY/ RESTRICTIVE TACTILE DOOR SIGN
6" = 1'-0"
3 2 1 0 3



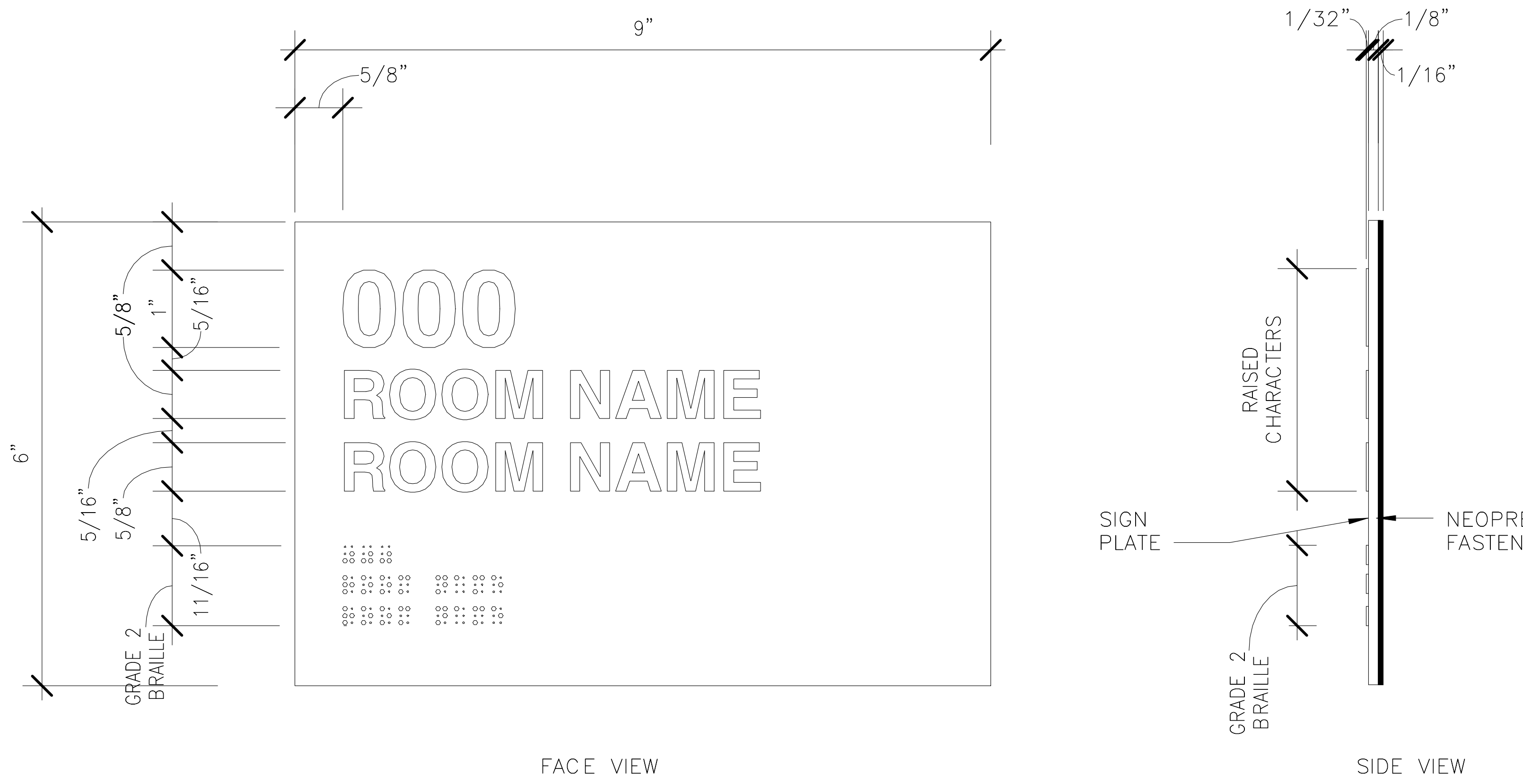
7.6.3 - INTERIOR IDENTIFICATION DOOR SIGN - TYPE 3
6" = 1'-0"
3 2 1 0 3



19.0 - TOILET ROOM
3" = 1'-0"
6 4 2 0 6



19.1 - UNISEX TOILER ROOM
3" = 1'-0"
6 4 2 0 6



7.6.1 - INTERIOR ROOM IDENTIFCATION DOOR SIGN - TYPE 1
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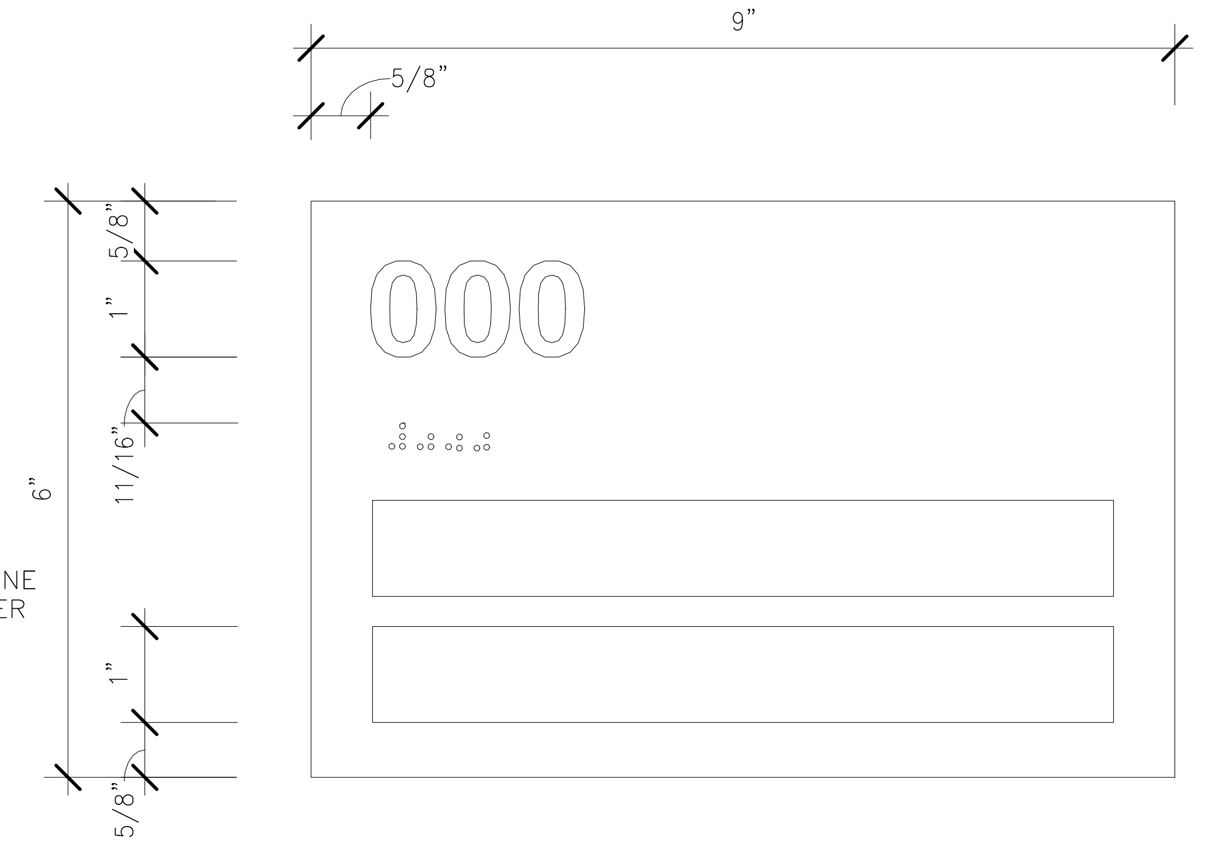
3 2 1 0 3



7.6.4 -INTERIOR IDENTIFICATION DOOR SIGN - TYPE 4
6" = 1'-0"
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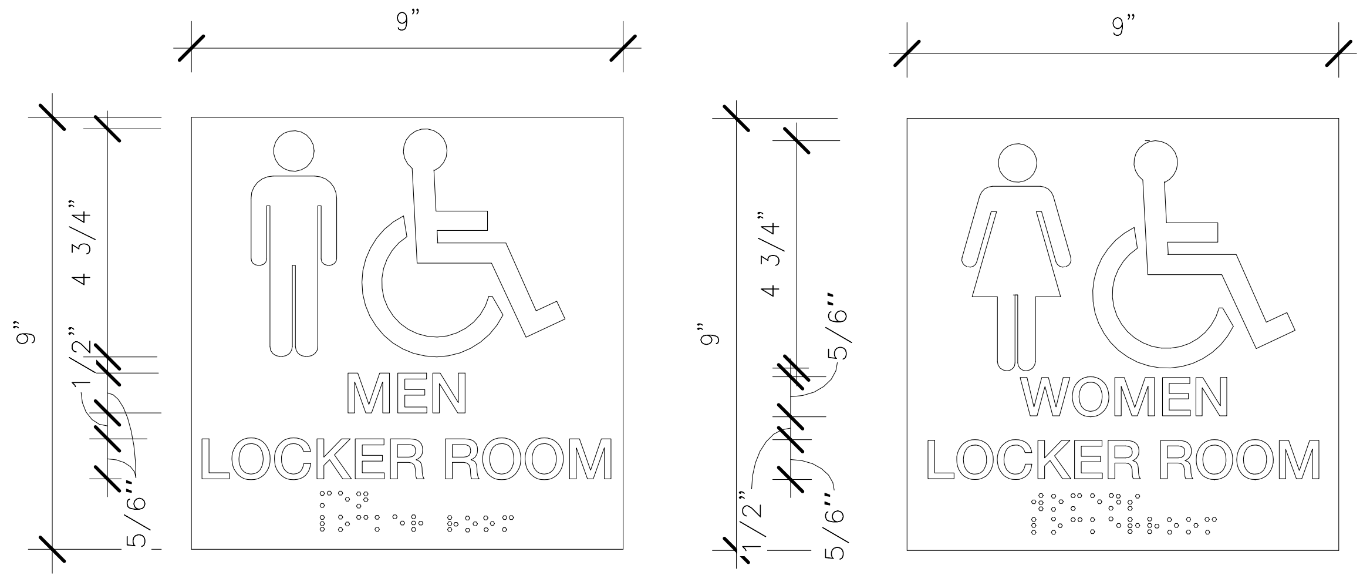
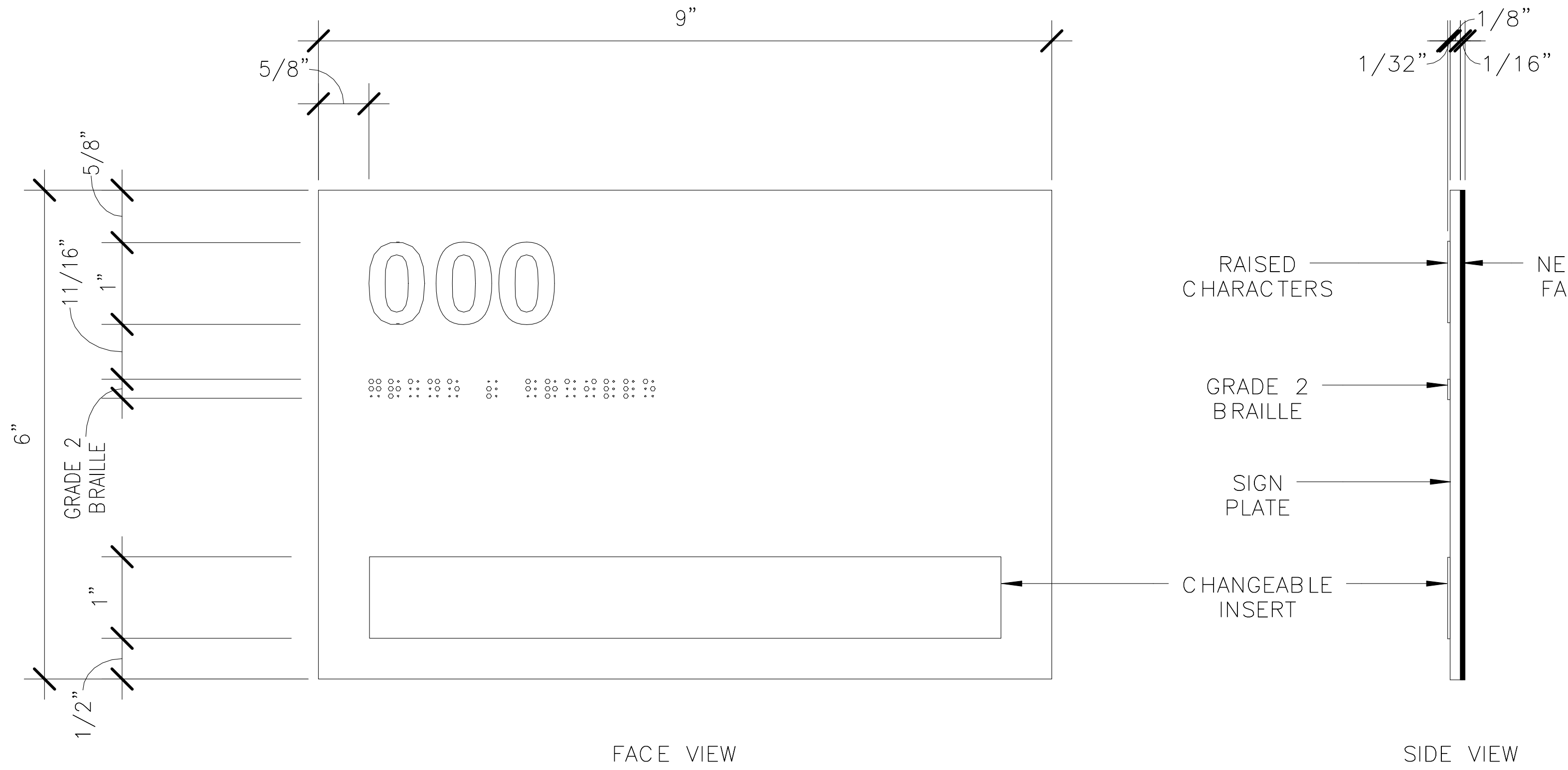
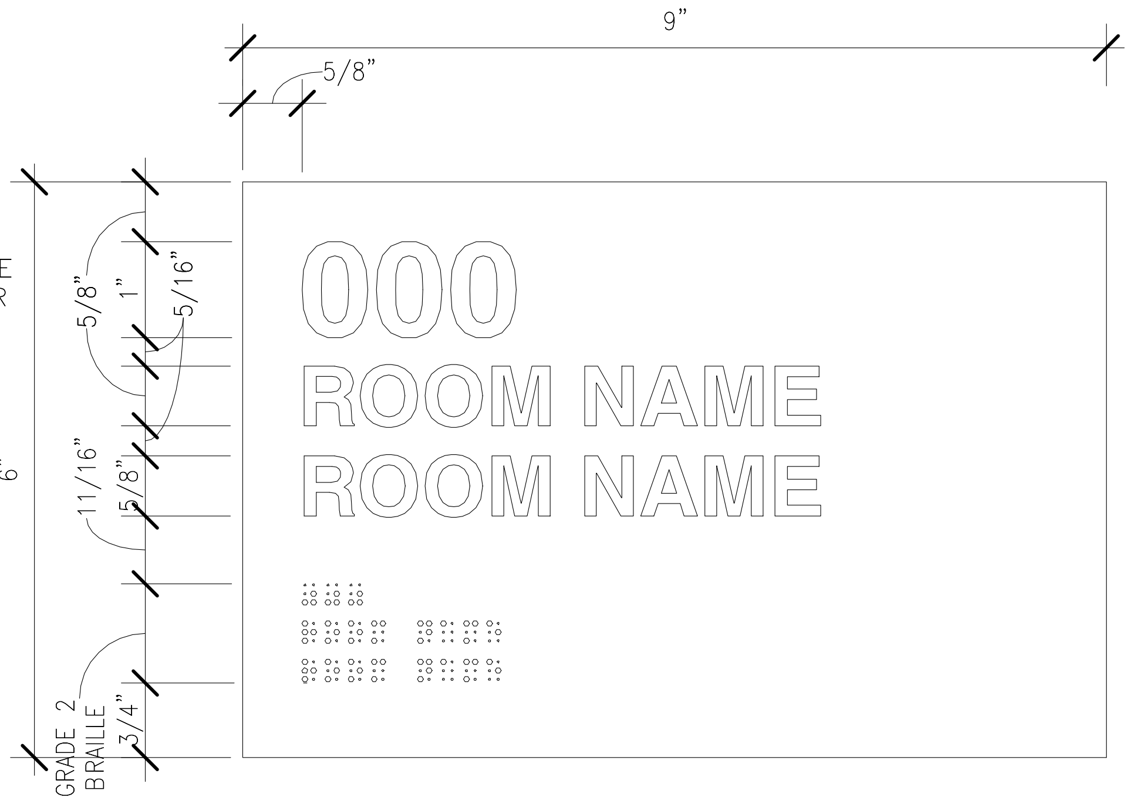


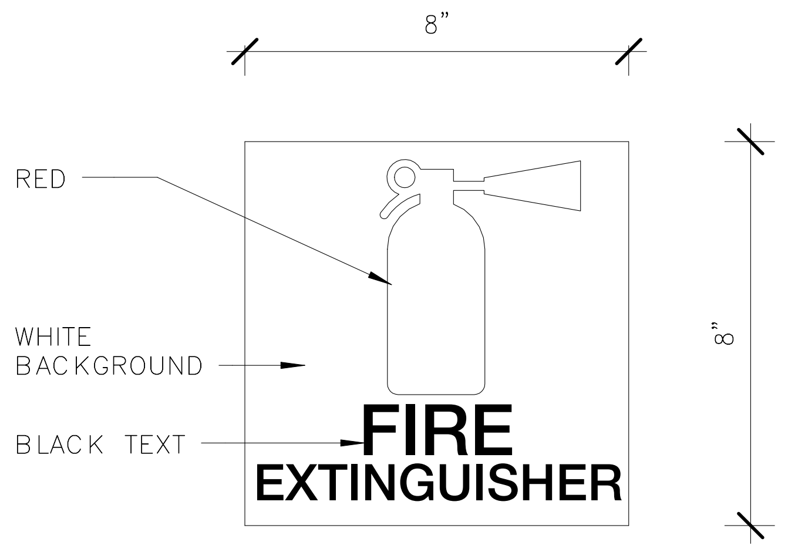
19.2 - LOCKER ROOM
3" = 1'-0"
6 4 2 0 6



7.6.2 - INTERIOR ROOM IDENTIFCATION DOOR SIGN - TYPE 2
6" = 1'-0"
3 2 1 0 3



17.0 - EXTERIOR ROOM IDENTIFICATION DOOR SIGN
6" = 1'-0"
3 2 1 0 3



20.0 - FIRE EXTINGUISHER
3" = 1'-0"
6 4 2 0 6

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SCALE: AS NOTED
DRAWING NO.: N99-SIB-AG-201

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7.7 – BUILDING ADDRESS SIGN

1. SIGN MATERIAL TO BE .08 THICK VINYL ON ALUMINUM.
2. THESE SIGNS ARE INSTALLED ON WALLS AT ENTRANCES TO ANCILLARY BUILDINGS.
3. REFER TO N99–SIB–AG–206 FOR TYPICAL SIGN MOUNTING DETAILS.

7.8 – BUILDING IDENTIFICATION SIGN

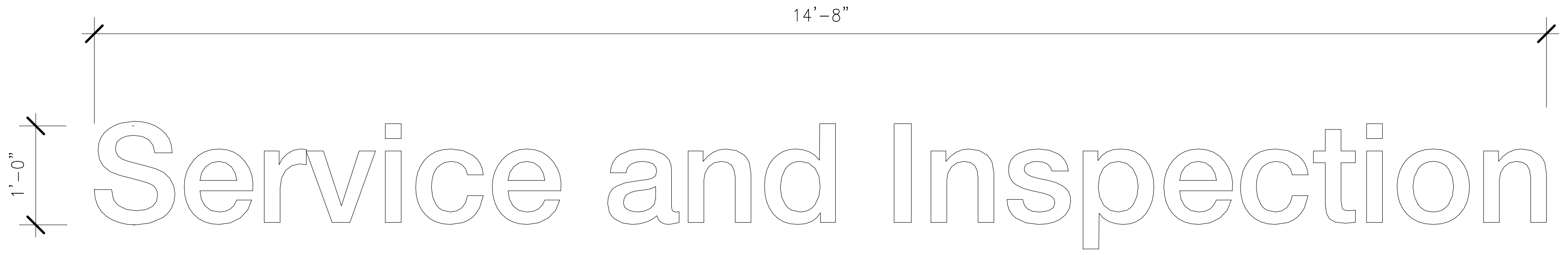
1. SIGNS SHALL BE .08 THICK PAINTED ALUMINUM.
2. BUILDING ID SIGNS ARE TYPICALLY MOUNTED ON THE FRONT WALLS OF ANCILLARY BUILDINGS IN AN AREA THAT IS CLEARLY VISIBLE FROM THE STREET.
3. DOOR/BAY SIGNS ARE TYPICALLY MOUNTED ABOVE EXTERIOR DOOR OPENINGS AND ALIGNED TO THE CENTER OF THE DOOR.
4. COPY AND BORDER TO BE DIE CUT WHITE REFLECTIVE SCOTCHLITE 2290 BY 3M OR APPROVED EQUAL.
5. COPY TO BE CENTERED ON SIGN FACE.
6. COPY TO BE NEUE HELVETICA STD 75 BOLD CAPITAL LETTERS.
7. BACKGROUND AND EDGES TO MATCH FEDERAL SPECIFICATIONS 20040 BROWN.
8. WASHERS SHALL BE NYLON AND INSTALLED ON BOTH SIDES OF SIGN.
9. REFER TO N99–SIB–AG–206 FOR TYPICAL SIGN MOUNTING DETAILS.

7.9 – DOOR BAY/ ID SIGN

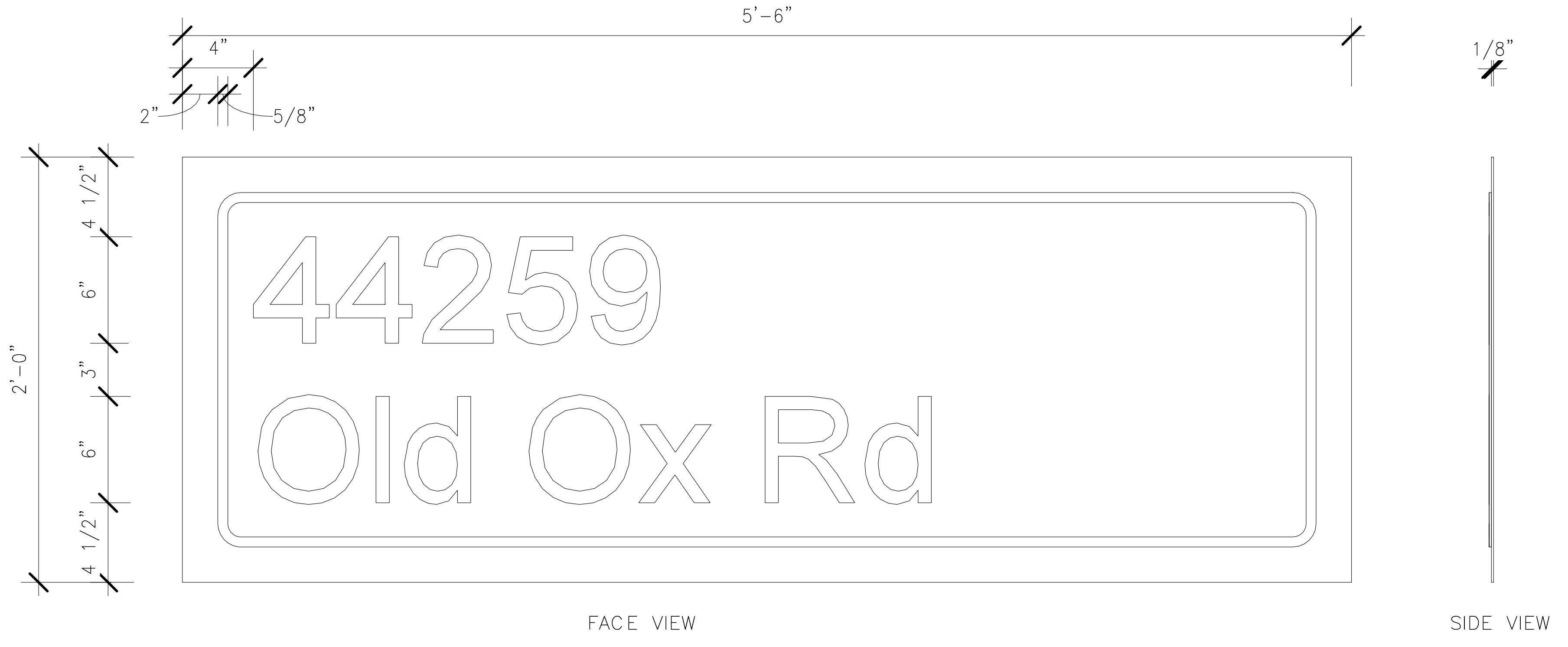
1. SIGNS SHALL BE .08 THICK PAINTED ALUMINUM.
2. BUILDING ID SIGNS ARE TYPICALLY MOUNTED ON THE FRONT WALLS OF ANCILLARY BUILDINGS IN AN AREA THAT IS CLEARLY VISIBLE FROM THE STREET.
3. DOOR/BAY SIGNS ARE TYPICALLY MOUNTED ABOVE EXTERIOR DOOR OPENINGS AND ALIGNED TO THE CENTER OF THE DOOR.
4. COPY AND BORDER TO BE DIE CUT WHITE REFLECTIVE SCOTCHLITE 2290 BY 3M OR APPROVED EQUAL.
5. COPY TO BE CENTERED ON SIGN FACE.
6. COPY TO BE NEUE HELVETICA STD 75 BOLD CAPITAL LETTERS.
7. BACKGROUND AND EDGES TO MATCH FEDERAL SPECIFICATIONS 20040 BROWN.
8. WASHERS SHALL BE NYLON AND INSTALLED ON BOTH SIDES OF SIGN.
9. REFER TO N99–SIB–AG–206 FOR TYPICAL SIGN MOUNTING DETAILS.

7.10 – BUILDING TITLE RAISED LETTERS

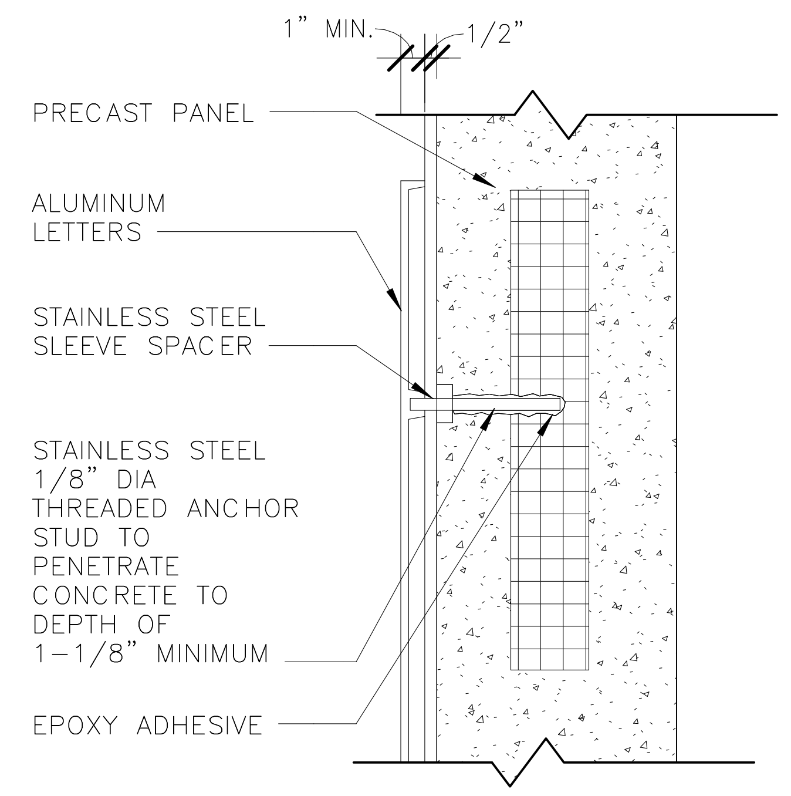
1. LETTER MATERIAL TO BE CAST ALUMINUM.
2. LETTERS MAY BE INSTALLED IN CONCRETE, GRANITE OR BRICK WALLS.
3. INSTALLATION ON BRICK WALL SHOWN.
4. REFER TO N99–SIB–AG–206 FOR TYPICAL SIGN MOUNTING DETAILS.



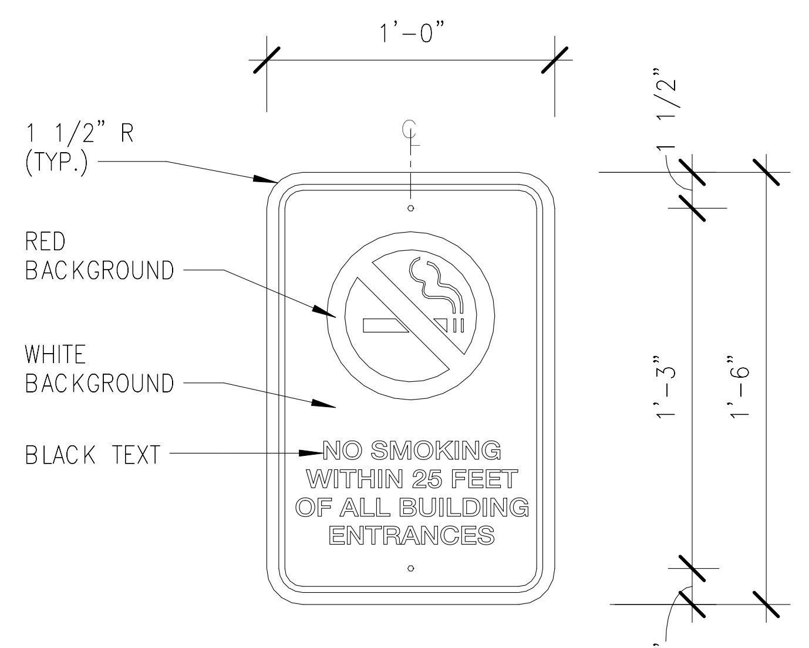
7.10 - BULDING TITLE RAISED LETTERS
3/4" = 1'-0"



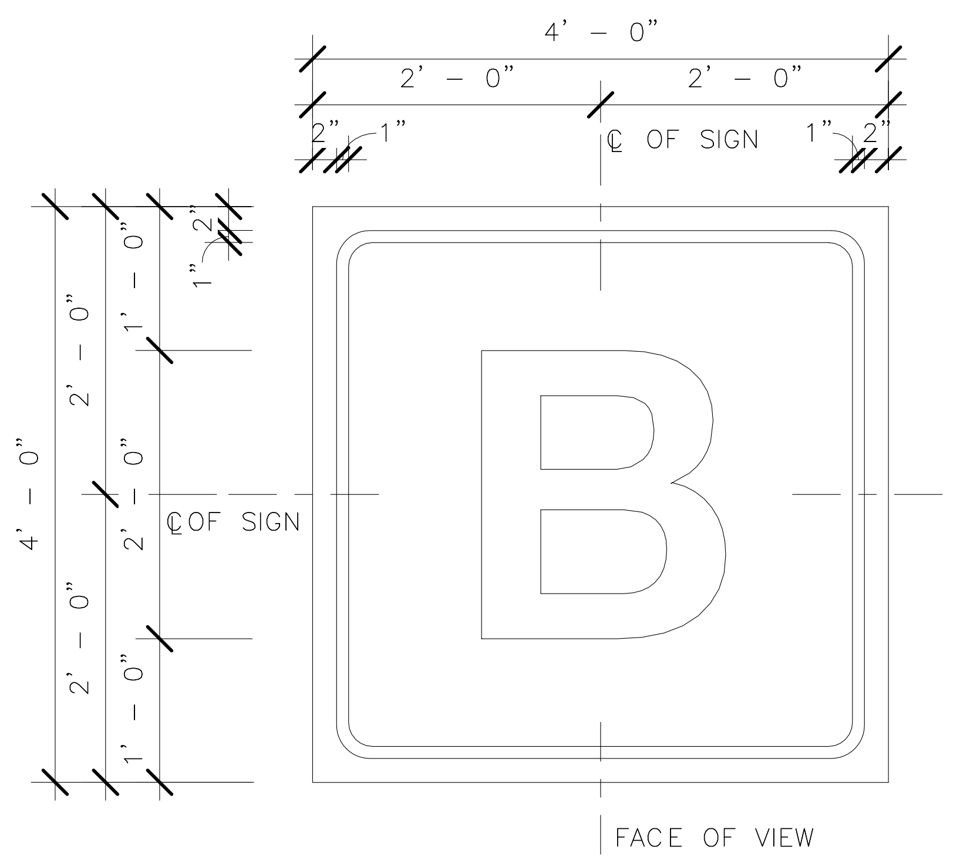
7.7 - BUILDING ADDRESS SIGN
1 1/2" = 1'-0"



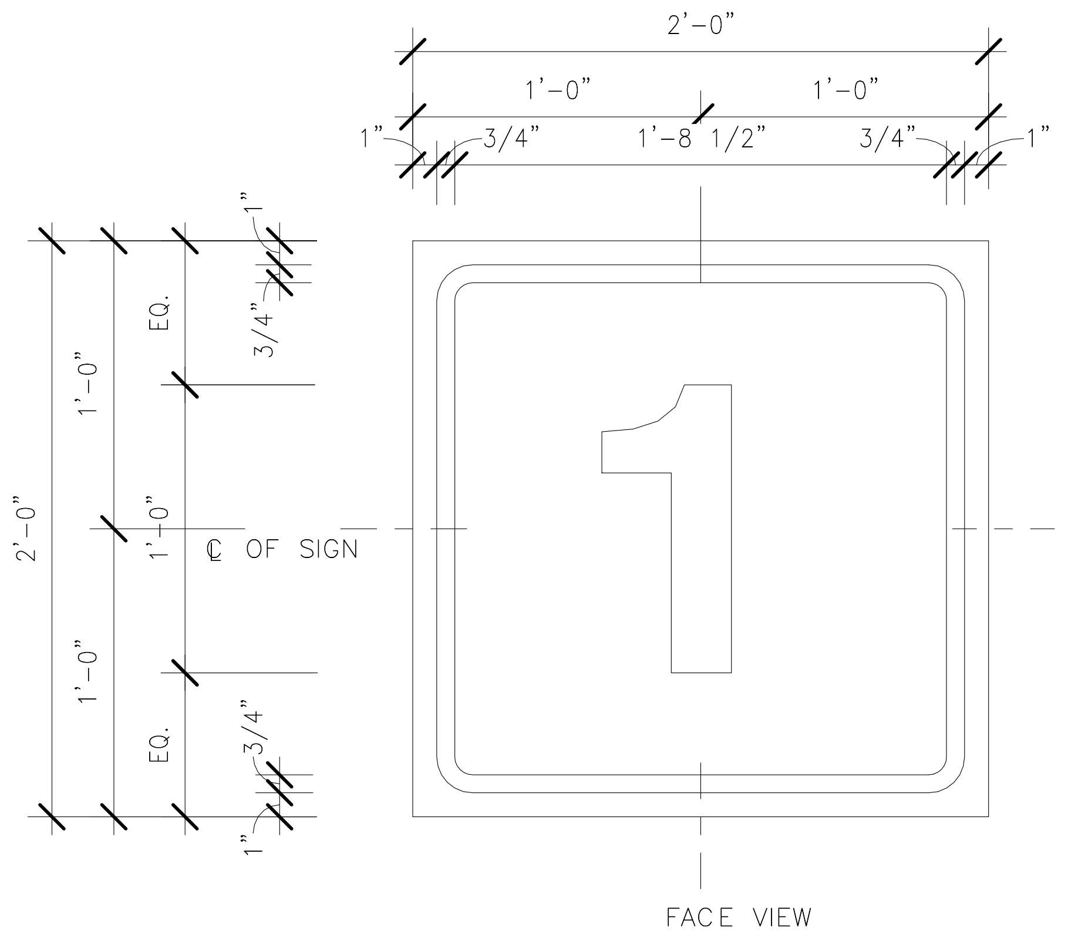
5.10 - MOUNTING DETAIL
1 1/2" = 1'-0"



22.0 - NO SMOKING SIGN
1 1/2" = 1'-0"



7.8 - BUILDING IDENTIFICATION SIGN
3/4" = 1'-0"



7.9 - DOOR/ BAY ID SIGN
1 1/2" = 1'-0"

SEE N99–SIB–AG–206 FOR MOUNTING HEIGHT

ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN	02/20/2017 DATE
C. HOLMES DESIGNED	02/20/2017 DATE
J. KELLEHER CHECKED	02/20/2017 DATE
M. GIULIANI APPROVED	02/20/2017 DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION

REVISIONS

NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
SIB - SIGNAGE DETAILS		
SCALE: AS NOTED	DRAWING NO.: N99-SIB-AG-202	

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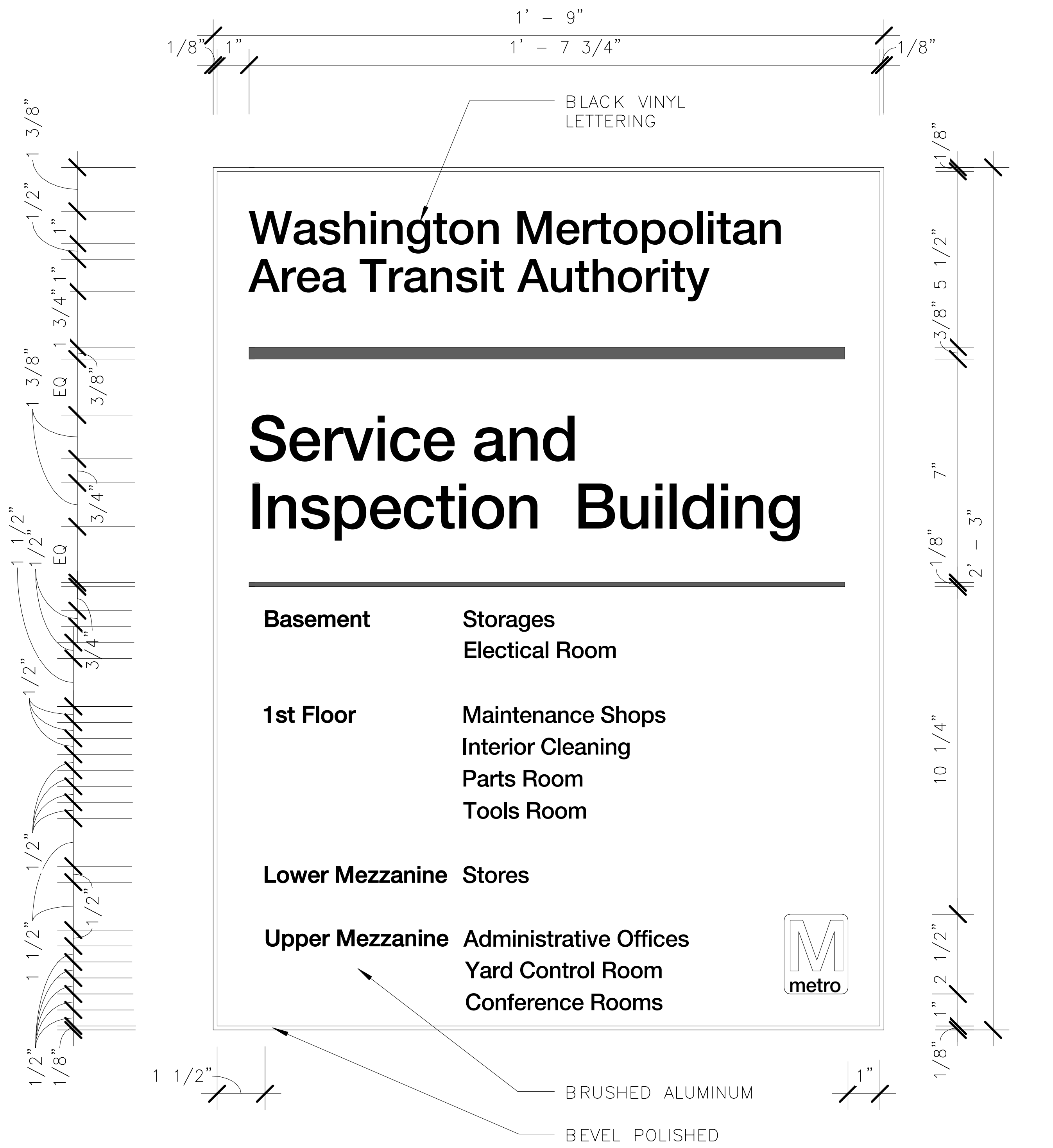
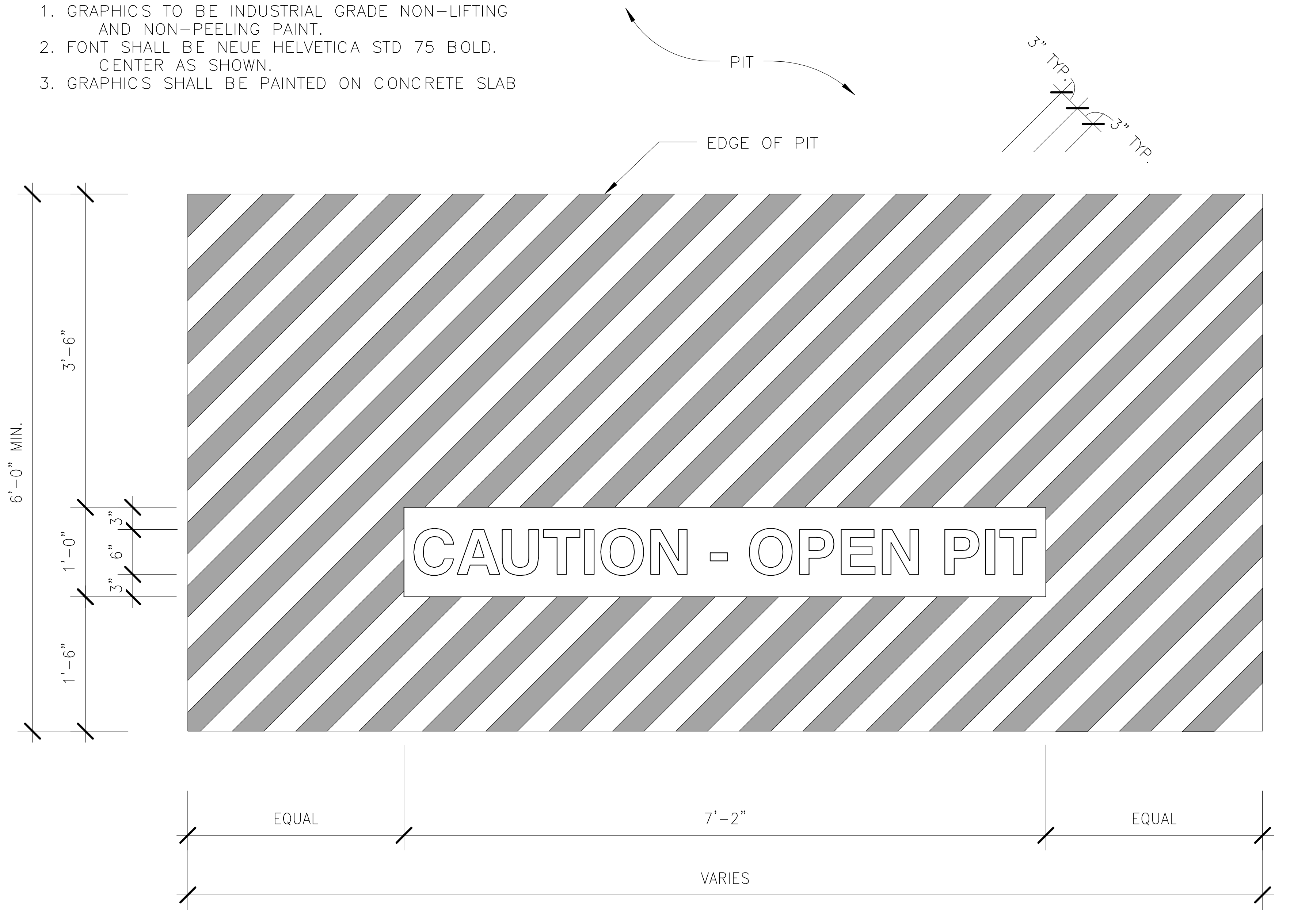


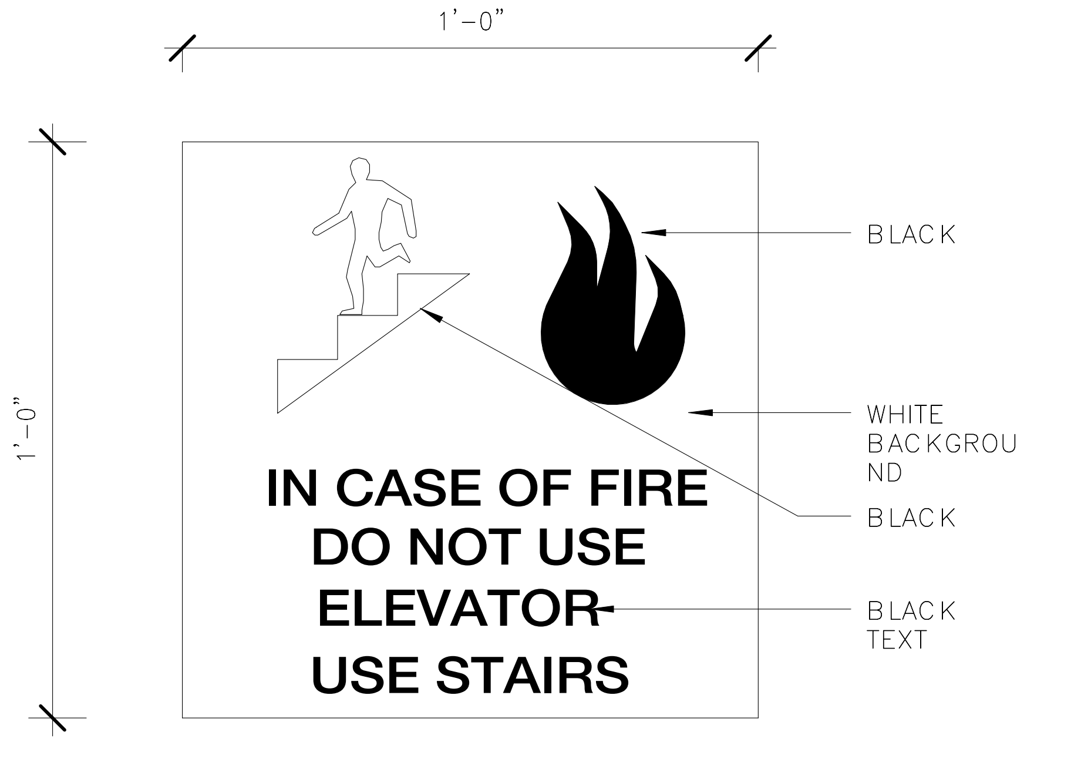
10.0 - DIRECTORY SIGN
3" = 1'-0"

CAUTION – OPEN PIT SIGN

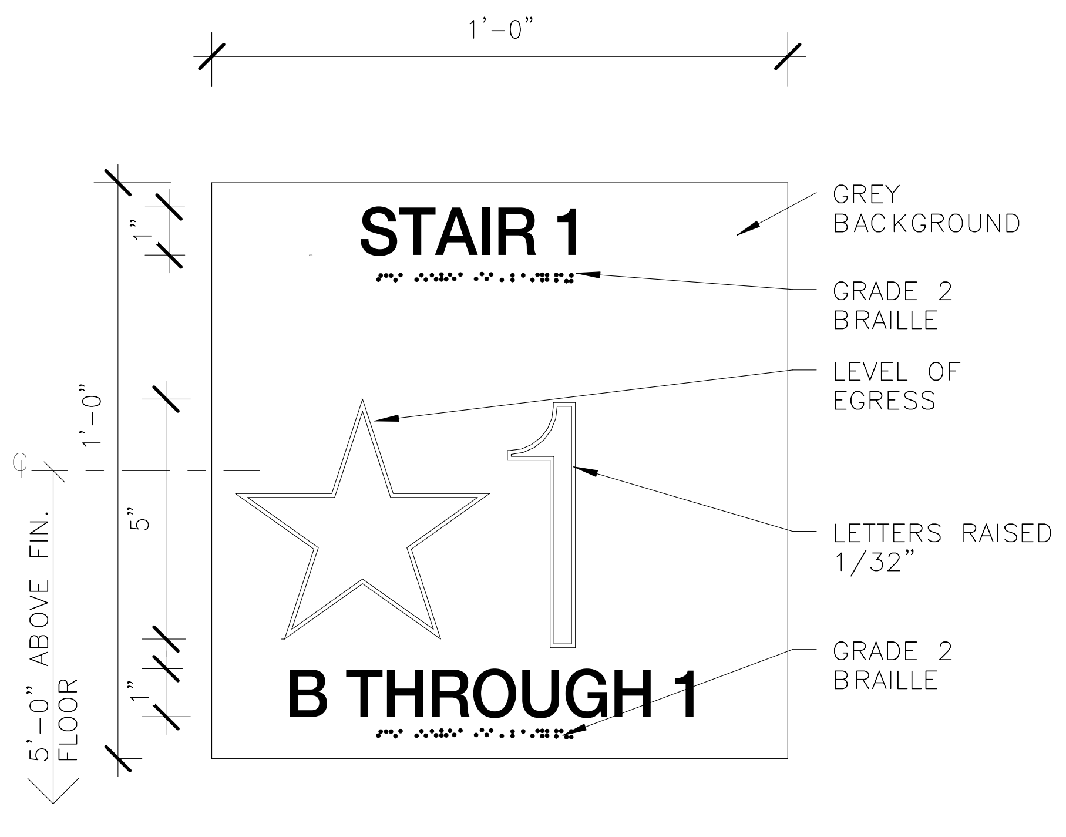
1. GRAPHICS TO BE INDUSTRIAL GRADE NON–LIFTING AND NON–PEELING PAINT.
2. FONT SHALL BE NEUE HELVETICA STD 75 BOLD. CENTER AS SHOWN.
3. GRAPHICS SHALL BE PAINTED ON CONCRETE SLAB



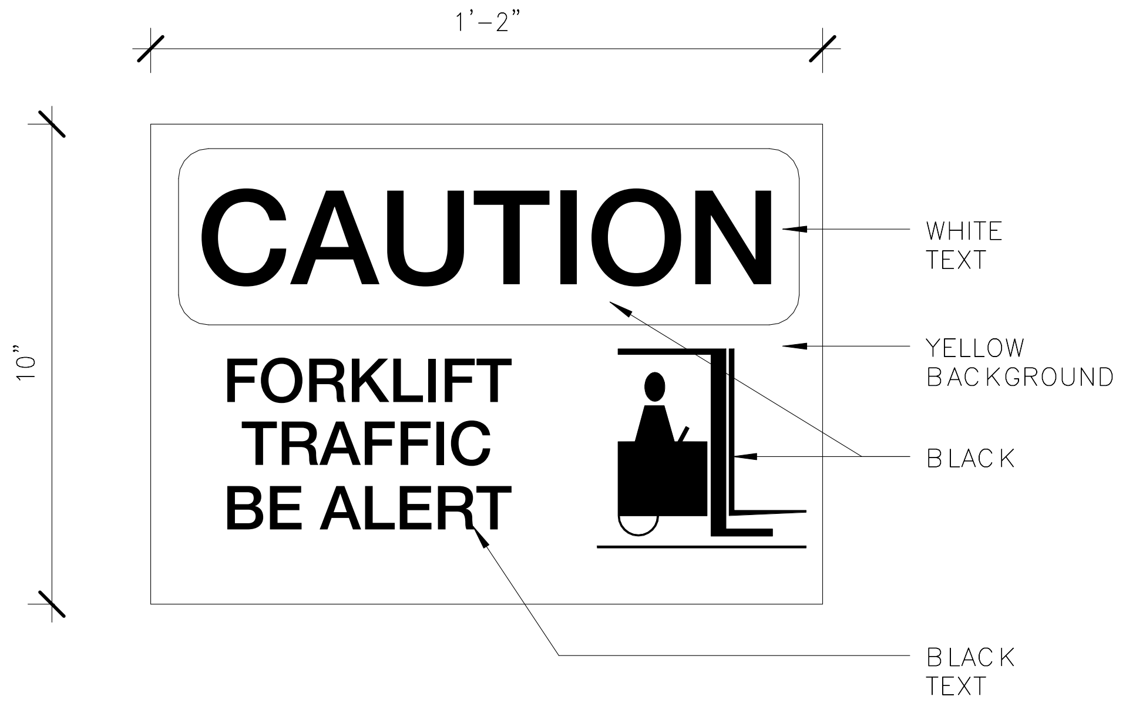
7.29 - CAUTION/OPEN PIT SIGN
3/4" = 1'-0"



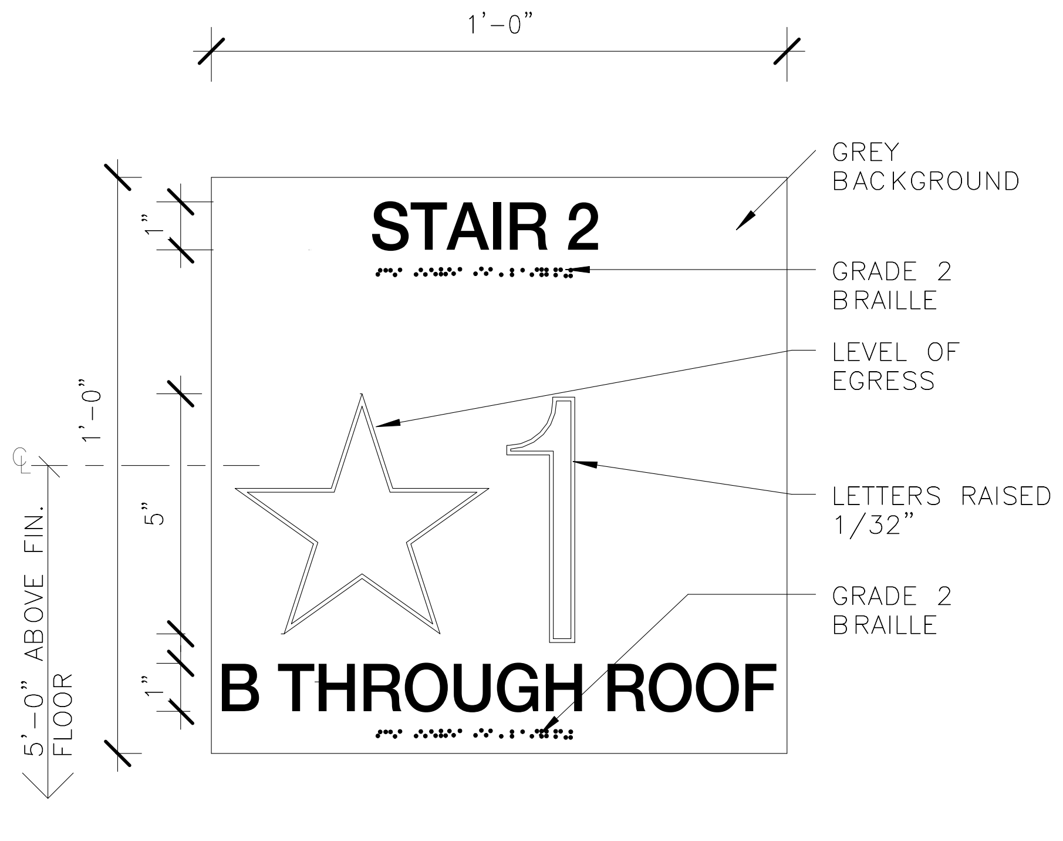
11.0 - FIRE EXIT DIRECTIONS
3" = 1'-0"



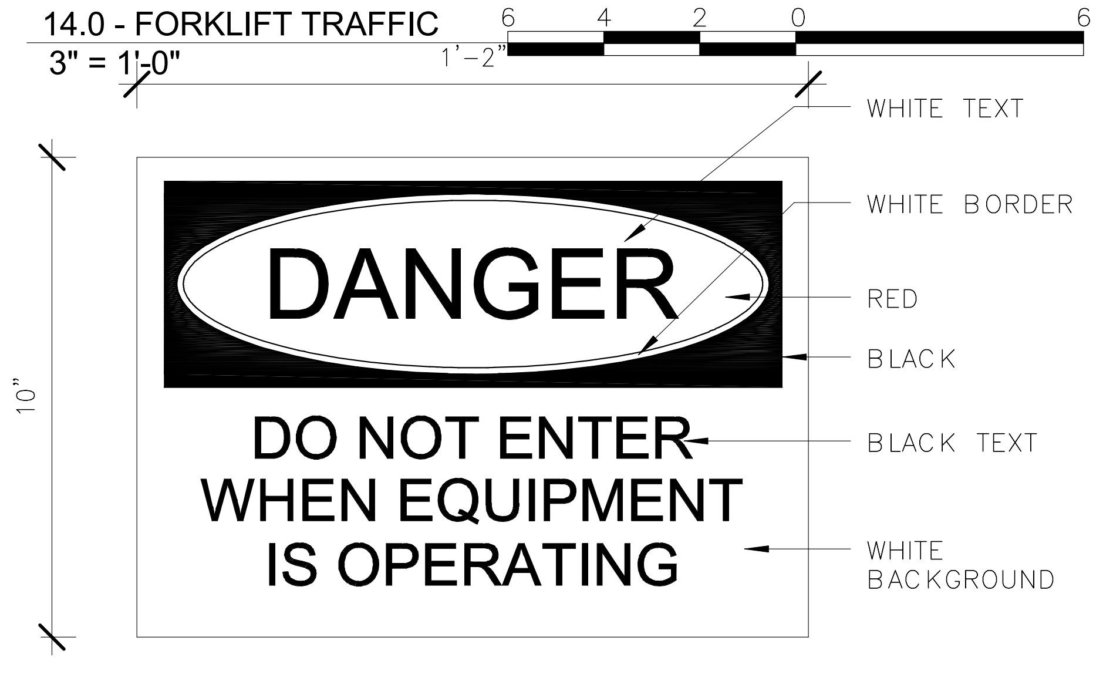
21.1 - STAIR 1 SIGN
3" = 1'-0"



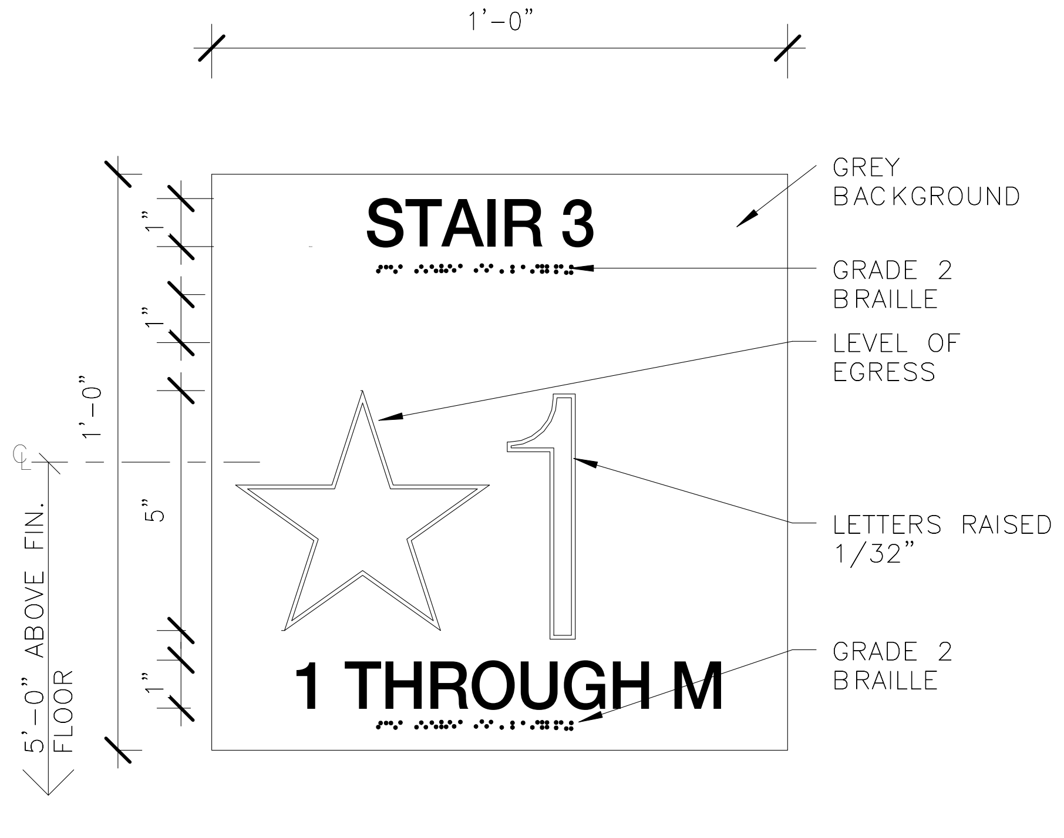
14.0 - FORKLIFT TRAFFIC
3" = 1'-0"



21.2 - STAIR 2 SIGN
3" = 1'-0"



13.0 - DANGER - EQUIPMENT OPERATING
3" = 1'-0"

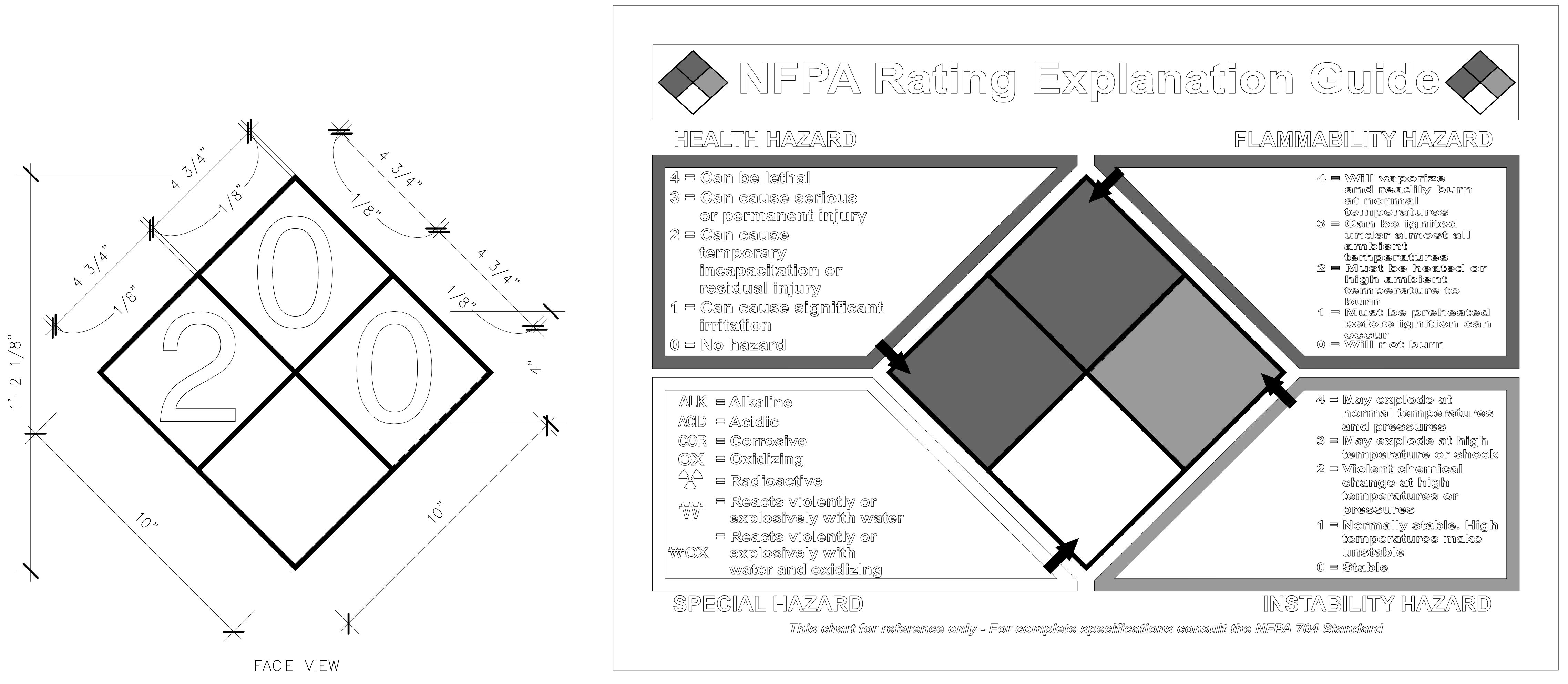


21.3 - STAIR 3 SIGN
3" = 1'-0"

16.0 - EMERGENCY EYE WASH AND SHOWER
3" = 1'-0"

7.27. CHEMICAL WARNING DECAL

1. DECAL MATERIAL TO BE ENGINEER GRADE, ADHESIVE BACKED REFLECTIVE VINYL.
2. DECAL LAYOUT TO COMPLY WITH CURRENT NFPA STANDARDS.DECAL TYPICALLY INSTALLED ON DOOR.



7.27 - CHEMICAL WARNING DECAL
3" = 1'-0"

2/16/2017 5:27:26 PM

ORIGINATORS

J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
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REFERENCE DRAWINGS

NUMBER	DESCRIPTION

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NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

20 FEB 17
MARK LAWRENCE GIULIANI
No. 011155

METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

giuliani
ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

M
metro
WASHINGTON METROPOLITAN
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DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.:
8-14-C001
RAIL YARD AND MAINTENANCE FACILITY
SIB - SIGNAGE DETAILS
SCALE:
AS NOTED
DRAWING NO.:
N99-SIB-AG-203

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BUILDING SIGNAGE SCHEDULE PART 1

LOCATION OF SIGN		MESSAGE				
ROOM #	ROOM NAME	SIGN ANNOTATION	SIGN DOOR #	SIGN TYPE	SIGN PLACEMENT	MATERIAL
001	STORAGE AREA	ELEVATOR MACHINE ROOM 1	002	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	ELECTRICAL AND TRACTION POWER ROOM	006	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	ELECTRICAL AND TRACTION POWER ROOM	006	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
001	STORAGE AREA	ELECTRICAL AND TRACTION POWER ROOM	006	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
001	STORAGE AREA	STAIR	S1	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	WATER ROOM	004	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
001	STORAGE AREA	CAUTION – OPEN PIT		7.29 – OPEN PIT SIGN	FLOOR	PAINT
001	STORAGE AREA	DO NOT ENTER		13.0 – DO NOT ENTER SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	ELEVATOR MACHINE ROOM 2	009	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	FIRE EXIT		11.0 – FIRE EXIT SIGN	SIDE OF DOOR	POLYMER
001	STORAGE AREA	RESTRICTED AREA		7.5 – RESTRICTED AREA	DOOR LEAF	POLYMER
001	STORAGE AREA	RESTRICTED AREA		7.5 – RESTRICTED AREA	DOOR LEAF	POLYMER
001	STORAGE AREA	RESTRICTED AREA		7.5 – RESTRICTED AREA	DOOR LEAF	POLYMER
001	STORAGE AREA	STAIR 2	S2	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
002	STORAGE	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
002	STORAGE	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
005	UPS ROOM	EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
006	ELEC ROOM	CAUTION – FORKLIFT TRAFFIC		14.0 – FORKLIFT TRAFFIC SIGN	SIDE OF DOOR	POLYMER
006	ELEC ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
006	ELEC ROOM	BATTERY ROOM	005	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
006	ELEC ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
006	ELEC ROOM	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
006	ELEC ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
006	ELEC ROOM	CAUTION – FORKLIFT TRAFFIC		14.0 – FORKLIFT TRAFFIC SIGN	SIDE OF DOOR	POLYMER
006	ELEC ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
006	ELEC ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
006	ELEC ROOM	CHEMICAL WARNING		7.27 – CHEMICAL WARNING DECAL	DOOR LEAF	VINYL
008	WHEEL TRUING PIT	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
008	WHEEL TRUING PIT	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
008	WHEEL TRUING PIT	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
101	PARTS ROOM	ELES STORE OFFICE	102	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
101	PARTS ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
101	PARTS ROOM	FREIGHT LIFT	E1	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
101	PARTS ROOM	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
101	PARTS ROOM	WAREHOUSE	101	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
101	PARTS ROOM	CAUTION – OPEN PIT		7.29 – OPEN PIT SIGN	FLOOR	PAINT
101	PARTS ROOM	DANGER – DO NOT ENTER		13.0 – DO NOT ENTER SIGN	DOOR LEAF	POLYMER
101	PARTS ROOM	STAIR 1	S1	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
108	LOBBY	DIRECTORY		10.0 – DIRECTORY SIGN	SIDE OF DOOR	POLYMER
108	LOBBY	FIRE EXIT		11.0 – FIRE EXIT SIGN	SIDE OF DOOR	POLYMER
108	LOBBY	STAIR 2	S2	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
114	PI OFFICE	NO EXIT		7.4 – NO EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
116	INSPECTION OFFICE	COPY ROOM	116	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
121	BATTERY ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
121	BATTERY ROOM	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
140	BLOW PIT	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
140	BLOW PIT	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
140	BLOW PIT	CAUTION – OPEN PIT		7.29 – OPEN PIT SIGN	FLOOR	PAINT
140	BLOW PIT	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
140	BLOW PIT	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
140	BLOW PIT	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
140	BLOW PIT	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
140	BLOW PIT	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
140	BLOW PIT	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
140	BLOW PIT	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
140	BLOW PIT	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
140	BLOW PIT	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
140	BLOW PIT	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
141	INTERIOR CLEANING	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
141	INTERIOR CLEANING	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
141	INTERIOR CLEANING	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
141	INTERIOR CLEANING	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
141	INTERIOR CLEANING	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
141	INTERIOR CLEANING	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	GREASE ROOM		7.27 – CHEMICAL WARNING DECAL	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	SERVICE AND INSPECTION OFFICE	116	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	BATTERY ROOM	121	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER

BUILDING SIGNAGE SCHEDULE PART 1

LOCATION OF SIGN		MESSAGE				
ROOM #	ROOM NAME	SIGN ANNOTATION	SIGN DOOR #	SIGN TYPE	SIGN PLACEMENT	MATERIAL
150	CMNT MAIN SHOPS	CORRIDOR	C1A	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	PERIODIC INSPECTION OFFICE	114	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	ELECTRONICS SHOP	118	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	CAUTION – OPEN PIT		7.29 – OPEN PIT	FLOOR	PAINT
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
150	CMNT MAIN SHOPS	CAUTION – OPEN PIT		7.29 – OPEN PIT	FLOOR	PAINT
150	CMNT MAIN SHOPS	GREASE ROOM	103	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	PARTS ROOM	101	14.0 – FORKLIFT TRAFFIC SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	PARTS ROOM	101	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	PARTS ROOM	101	14.0 – FORKLIFT TRAFFIC SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
150	CMNT MAIN SHOPS	TRUCK WASH	151	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
150	CMNT MAIN SHOPS	CAUTION – OPEN PIT		7.29 – OPEN PIT	FLOOR	PAINT
150	CMNT MAIN SHOPS	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
150	CMNT MAIN SHOPS	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
150	CMNT MAIN SHOPS	CHEMICAL WARNING		7.27 – CHEMICAL WARNING DECAL	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
150	CMNT MAIN SHOPS	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
150	CMNT MAIN SHOPS	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
150	CMNT MAIN SHOPS	EMERGENCY EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
150	CMNT MAIN SHOPS	EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
150	CMNT MAIN SHOPS	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
150	CMNT MAIN SHOPS	STAIR 3	S3	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
150	CMNT MAIN SHOPS	EYE WASH		16.0 – EMERGENCY EYE WASH	SIDE OF EYEWASH	POLYMER
C1A	CORRIDOR	LOBBY	108	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	COMPRESSOR AND LUBRICATION ROOM	120	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	TOOL ROOM	115	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	STORAGE	109	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
C1A	CORRIDOR	WOMEN		19.0 – RESTROOM SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	MEN		19.0 – RESTROOM SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	CMNT MAIN SHOPS	150	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
C1A	CORRIDOR	LUBE/COMP ROOM		7.27 – CHEMICAL WARNING DECAL	SIDE OF DOOR	POLYMER
C1A	CORRIDOR	CUSTODIAN	117	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
M01	SMALL STORES	MECHANICAL ROOM	M02	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
M01	SMALL STORES	COMMUNICATIONS/ IT	M03	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
M01	SMALL STORES	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
M01	SMALL STORES	ELECTRICAL ROOM	M04	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
M01	SMALL STORES	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
M01	SMALL STORES	FIRE EXIT		11.0 – FIRE EXIT SIGN	SIDE OF DOOR	POLYMER
M01	SMALL STORES	STAIR 2	S2	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER
M02	MECH ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
M03	COMMUNICATIONS ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
M04	ELECTRICAL ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER
S1	STAIR	STAIR 1	S1	21.1 – STAIR SIGN	SIDE OF DOOR	POLYMER
S1	STAIR	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
S1	STAIR	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
S1	STAIR	STAIR 1	S1	21.1 – STAIR SIGN	SIDE OF DOOR	POLYMER
S1	STAIR	NO EXIT		7.4 – NO EXIT SIGN	DOOR LEAF	POLYMER
S2	STAIR	STAIR 2	S2	21.2 – STAIR SIGN	SIDE OF DOOR	POLYMER
S2	STAIR	STAIR 2	S2	21.2 – STAIR SIGN	SIDE OF DOOR	POLYMER
S2	STAIR	STAIR 2	S2	21.2 – STAIR SIGN	SIDE OF DOOR	POLYMER
S2	STAIR	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
S2	STAIR	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH
S3	STAIR	STAIR 3	S3	21.3 – STAIR SIGN	SIDE OF DOOR	POLYMER
S3	STAIR	EXIT		7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH

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MARK LAWRENCE GIULIANI
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METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

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ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

WASHINGTON METROPOLITAN
AREA TRANSIT AUTHORITY
metro

DULLES CORRIDOR
METRORAIL PROJECT

WMATA LDP 2009
39D-02-16
CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - SIGNAGE SCHEDULE

SCALE: AS NOTED
DRAWING NO.: N99-SIB-AG-204

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BUILDING SIGNAGE SCHEDULE PART 2

LOCATION OF SIGN		MESSAGE					
ROOM #	ROOM NAME	SIGN ANNOTATION	SIGN DOOR #	SIGN TYPE	SIGN PLACEMENT	MATERIAL	COMMENT
		FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
201	LOBBY	FIRE EXIT		11.0 – FIRE EXIT SIGN	SIDE OF DOOR	POLYMER	
201	LOBBY	LUNCH ROOM	207	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
201	LOBBY	ROOF ACCESS		7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
201	LOBBY	STAIR 2	S2	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
204A	MEN'S ROOM	MEN'S LOCKER/ RESTROOM		19.2 – LOCKER ROOM	SIDE OF DOOR	POLYMER	
205A	WOMEN'S ROOM	WOMEN'S LOCKER/ RESTROOM		19.2 – LOCKER ROOM	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	COPY ROOM	217	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	STORAGE ROOM	218	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	CMNT DIRECTOR OFFICE	206C	7.6.2 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	ELES QUIET ROOM	206B	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	ELES CONFERENCE ROOM	206A	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	COPY ROOM	222	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	CONFERENCE ROOM	223	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
206	OPEN OFFICE	BREAK ROOM	214	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
207	LUNCH ROOM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
210	STORAGE	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
211	TCR	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
212	COMM	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
213	YARD CONTROL ROOM	RESTROOM		19.1 – UNISEX TOILET ROOM	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	CONFERENCE ROOM	216	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	OPEN OFFICE	206	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	LUNCH ROOM	207	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	ELES FILE ROOM	219	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	CONFERENCE ROOM	220	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	QUIET ROOM	221	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
C2A	CORRIDOR	YARD CONTROL TOWER	213	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	TRAINING ROOM	208	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	TRAIN CONTROL ROOM	211	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	COMMUNICATIONS/ IT	212	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	TRAINING ROOM	208	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	STORAGE ROOM	210	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	OPEN OFFICE	206	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	STORAGE ROOM	210	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	ELECTRICAL ROOM	209	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	CUSTODIAN	215	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	FIRE EXTINGUISHER		20.0 – FIRE EXTINGUISHER	ABOVE FIRE EXTINGUISHER	POLYMER	
C2A	CORRIDOR	OPEN OFFICE	206	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
C2A	CORRIDOR	STAIR 3	S3	7.6.1 – DOOR SIGN	SIDE OF DOOR	POLYMER	
S2	STAIR	STAIR 2	S2	21.2 – STAIR SIGN	ABOVE FIRE EXTINGUISHER	POLYMER	
S3	STAIR	STAIR 3	S3	21.3 – STAIR SIGN	SIDE OF DOOR	POLYMER	

EXTERIOR BUILDING SIGNAGE SCHEDULE

LOCATION OF SIGN			MESSAGE					
ROOM #	ROOM NAME	DOOR #	SIGN ANNOTATION	SIGN DOOR #	SIGN TYPE	SIGN PLACEMENT	MATERIAL	COMMENT
150	CMNT MAIN SHOPS	150O	1		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
140	BLOW PIT	140E	2		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150Q	3		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150R	4		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150S	5		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150T	6		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150D	7		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150E	8		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150G	9		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	PAINT	
150	CMNT MAIN SHOPS	150H	10		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150I	11		7.9 – DOOR BAY SIGN	ABOVE FIRE EXTINGUISHER	ALUM	
141	INTERIOR CLEANING	141C	12		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
150	CMNT MAIN SHOPS	150K	13		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
101	PARTS ROOM	101A	14		7.9 – DOOR BAY SIGN	CENTERED ABOVE THE DOOR	ALUM	
–	–	–	44259 OLD OX RD.		7.7 – BUILDING ADDRESS	ENTRY	ALUM	
–	–	–	B		7.8 – BUILDING ID	SOUTH ELEVATION	ALUM	
–	–	–	B		7.8 – BUILDING ID	CENTERED ABOVE THE DOOR	ALUM	
140	BLOW PIT	140A	BLOW PIT	140	17.0 – DOOR SIGN	WEST ELEVATION	ALUM	
140	BLOW PIT	140D	BLOW PIT	140	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
140	BLOW PIT	140C	BLOW PIT	140	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
140	BLOW PIT	140B	BLOW PIT	140	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
150	CMNT MAIN SHOPS	150C	CMNT MAIN SHOPS	150	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
S1	STAIR 1	S1A	EXIT	S1	7.3.2 – EXIT SIGN	DOOR LEAF	STEEL W/ PORCELAIN ENAMEL FINISH	
141	INTERIOR CLEANING	141E	INTERIOR CLEANING	141	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
141	INTERIOR CLEANING	141A	INTERIOR CLEANING	141	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
141	INTERIOR CLEANING	141B	INTERIOR CLEANING	141	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
141	INTERIOR CLEANING	141D	INTERIOR CLEANING	141	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
120	LUBE/ COMP ROOM	120A	LUBE/COMP ROOM	120	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
		–	LUBE/COMP ROOM		7.27 – CHEMICAL WARNING DECAL	SIDE OF DOOR	POLYMER	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
–	–	–	NO SMOKING		22.0 – NO SMOKING SIGN	ENTRY	ALUM	
101	PARTS ROOM	101C	PARTS ROOM	101	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
–	–	–	PARTS ROOM	101	14.0 – FORKLIFT TRAFFIC SIGN	SIDE OF DOOR	POLYMER	
150	CMNT MAIN SHOPS	150F	RAIL CAR MAINTENANCE	150	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
150	CMNT MAIN SHOPS	150U	RAIL CAR MAINTENANCE	150	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
150	CMNT MAIN SHOPS	150M	RAIL CAR MAINTENANCE	150	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
150	CMNT MAIN SHOPS	150L	RAIL CAR MAINTENANCE	150	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
150	CMNT MAIN SHOP	150Z	RAIL CAR MAINTENANCE	150	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
–	–	–	SERVICE AND INSPECTION		7.10 – SERVICE AND INSPECTION	SOUTH ELEVATION	ALUM	
S1	STAIR 1	S1A	STAIR	S1	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
S3	STAIR 3	S3B	STAIR	S3	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	
S2	STAIR 2	S2A	STAIR	S2	17.0 – DOOR SIGN	SIDE OF DOOR	POLYMER	
S2	STAIR 2	S2A	STAIR	S2	7.3.2 – EXIT SIGN	SIDE OF DOOR	POLYMER	
S2	STAIR 2	INTERRUPTION GATE	STAIR	S2	7.4 – NO EXIT SIGN	SIDE OF DOOR	POLYMER	
008	WHEEL TRUING PIT	150N	WHEEL TRUING PIT	008	17.0 – DOOR SIGN	SIDE OF DOOR	ALUM	

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COMMONWEALTH OF VIRGINIA
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METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

giuliani ASSOCIATES ARCHITECTS

HENSEL PHELPS
Plan. Build. Manage.

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009

39D-02-16

CONTRACT NO.: 8-14-C001

RAIL YARD AND MAINTENANCE FACILITY

SIB - SIGNAGE SCHEDULE

SCALE:

DRAWING NO.: N99-SIB-AG-205

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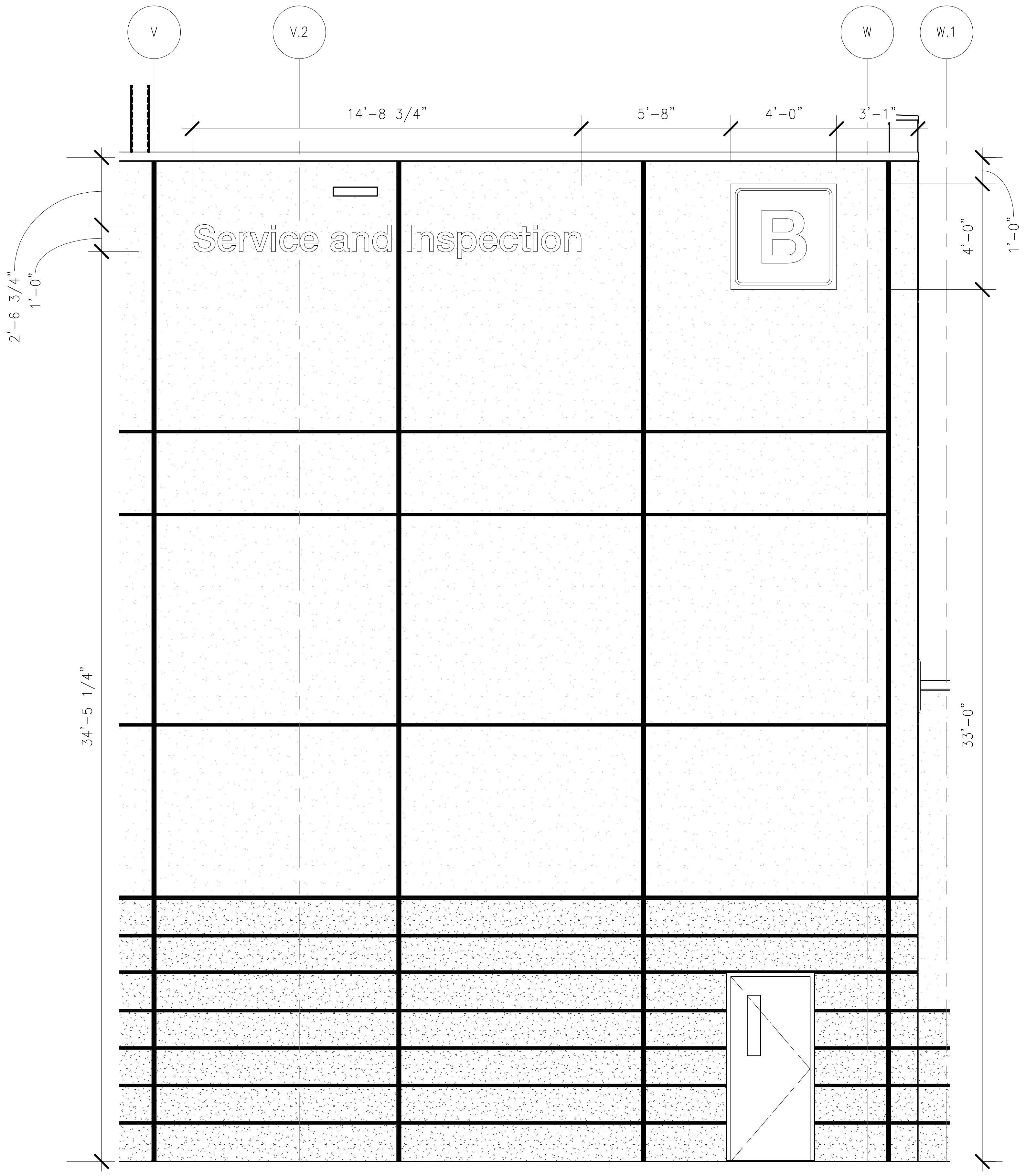

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N99-SIB-AG-206
BUILDING ID & TITLE - SOUTH ELEVATION
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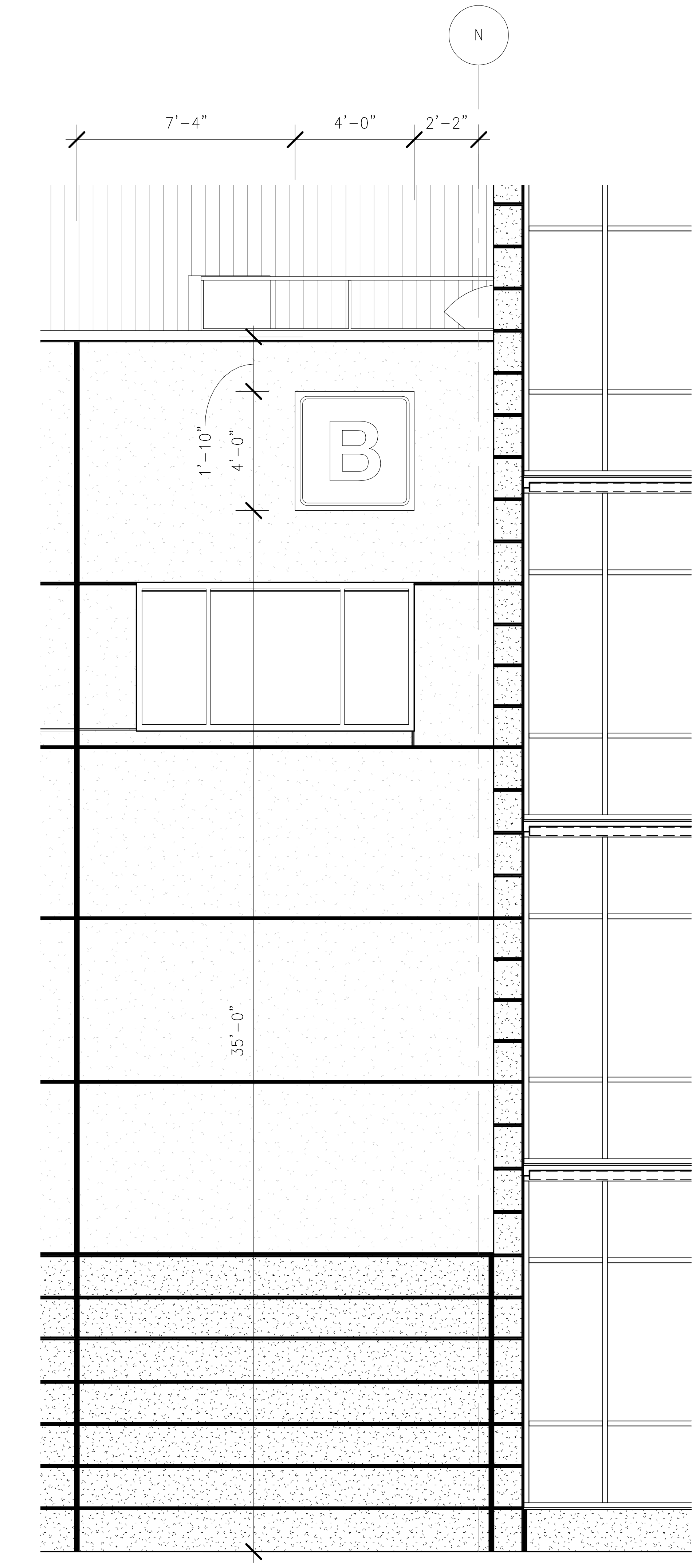

4
N99-SIB-AG-206
BUILDING ID - NORTH ELEVATION
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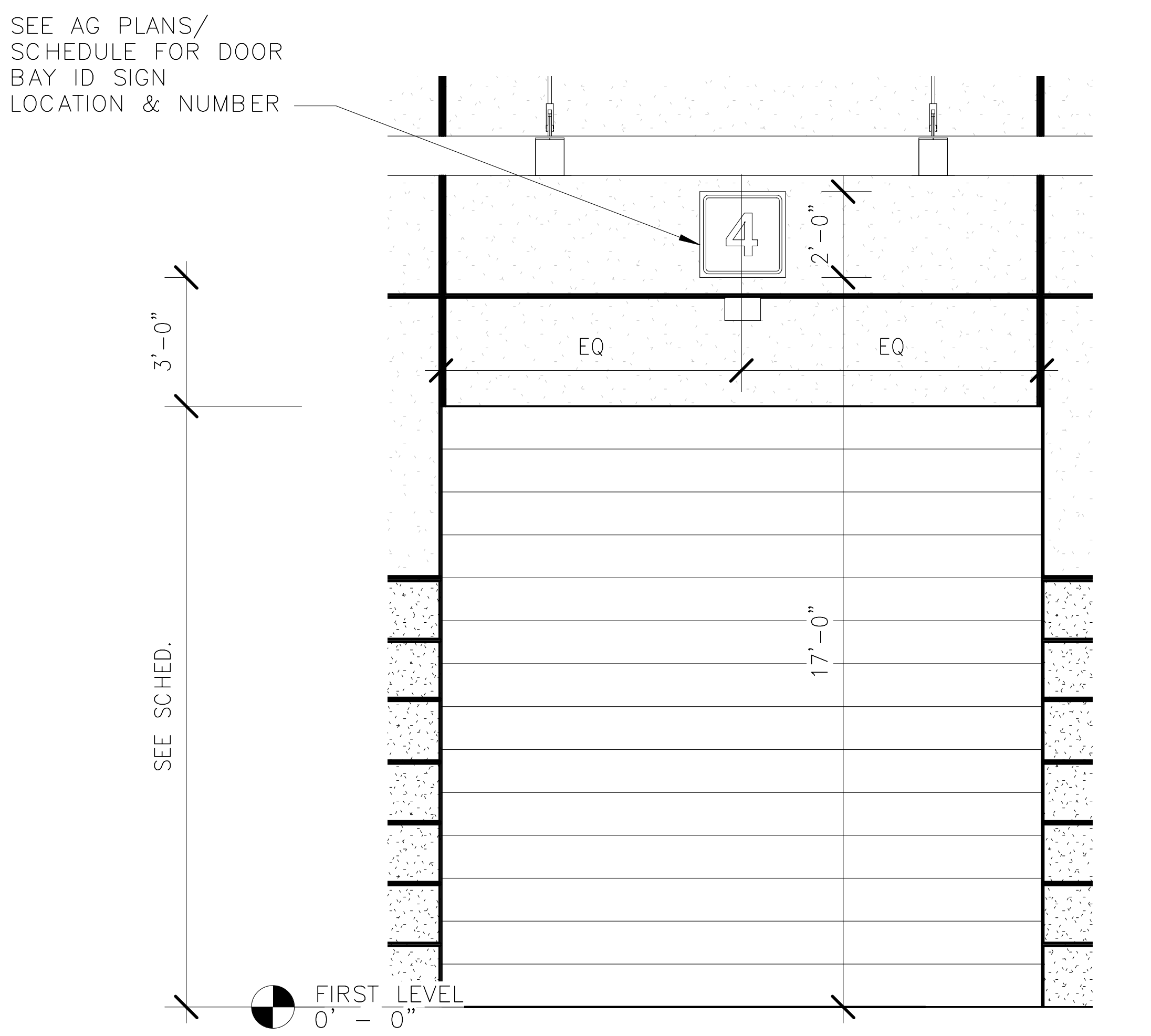
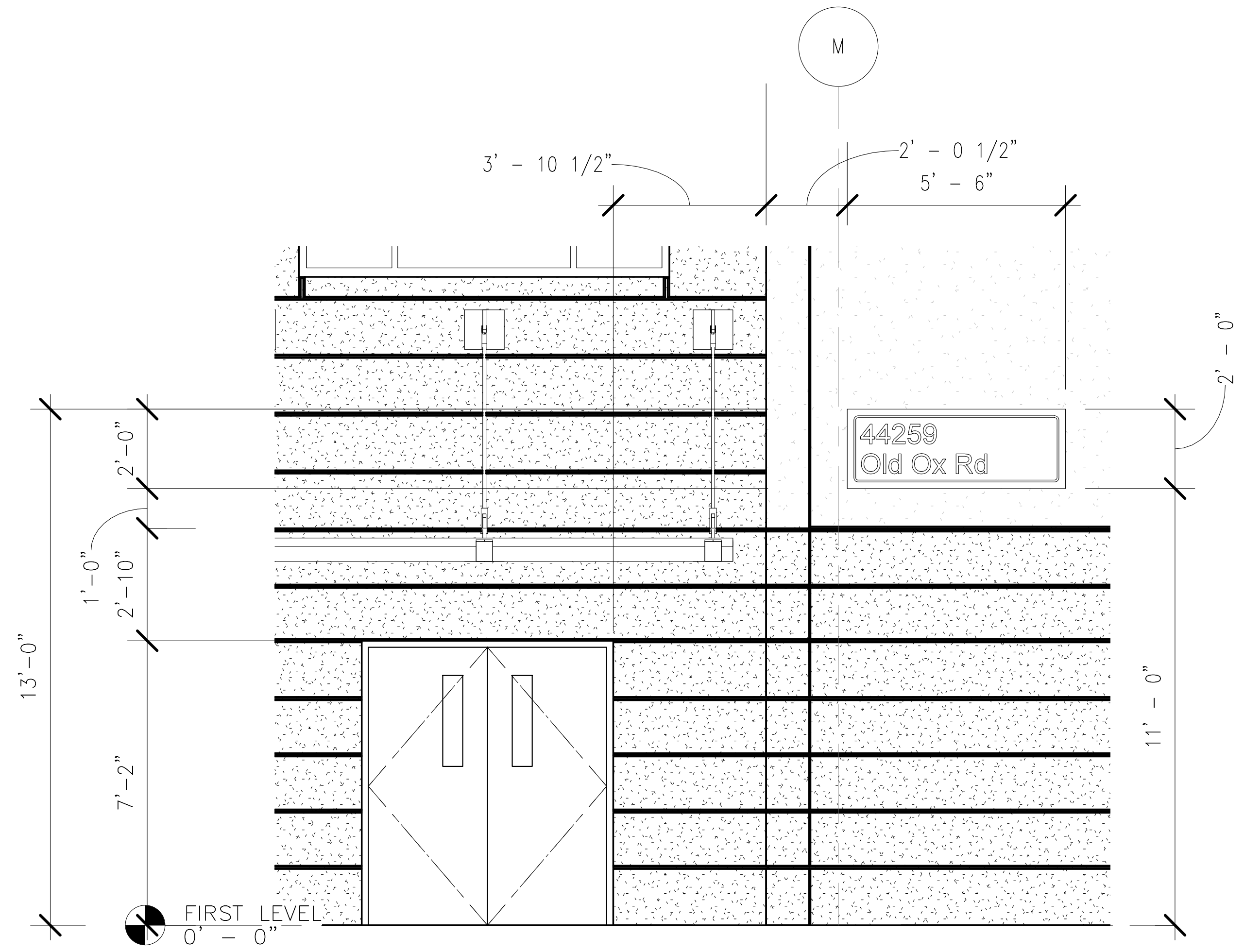


2
N99-SIB-AG-206
BAY DOOR ID SIGN ELEVATION
1/4" = 1'-0"
4 3 2 1 0 4 8



3
N99-SIB-AG-206
BUILDING ADDRESS SIGN - NORTH ELEVATION
1/4" = 1'-0"
4 3 2 1 0 4 8

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