



# 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 2E of 2



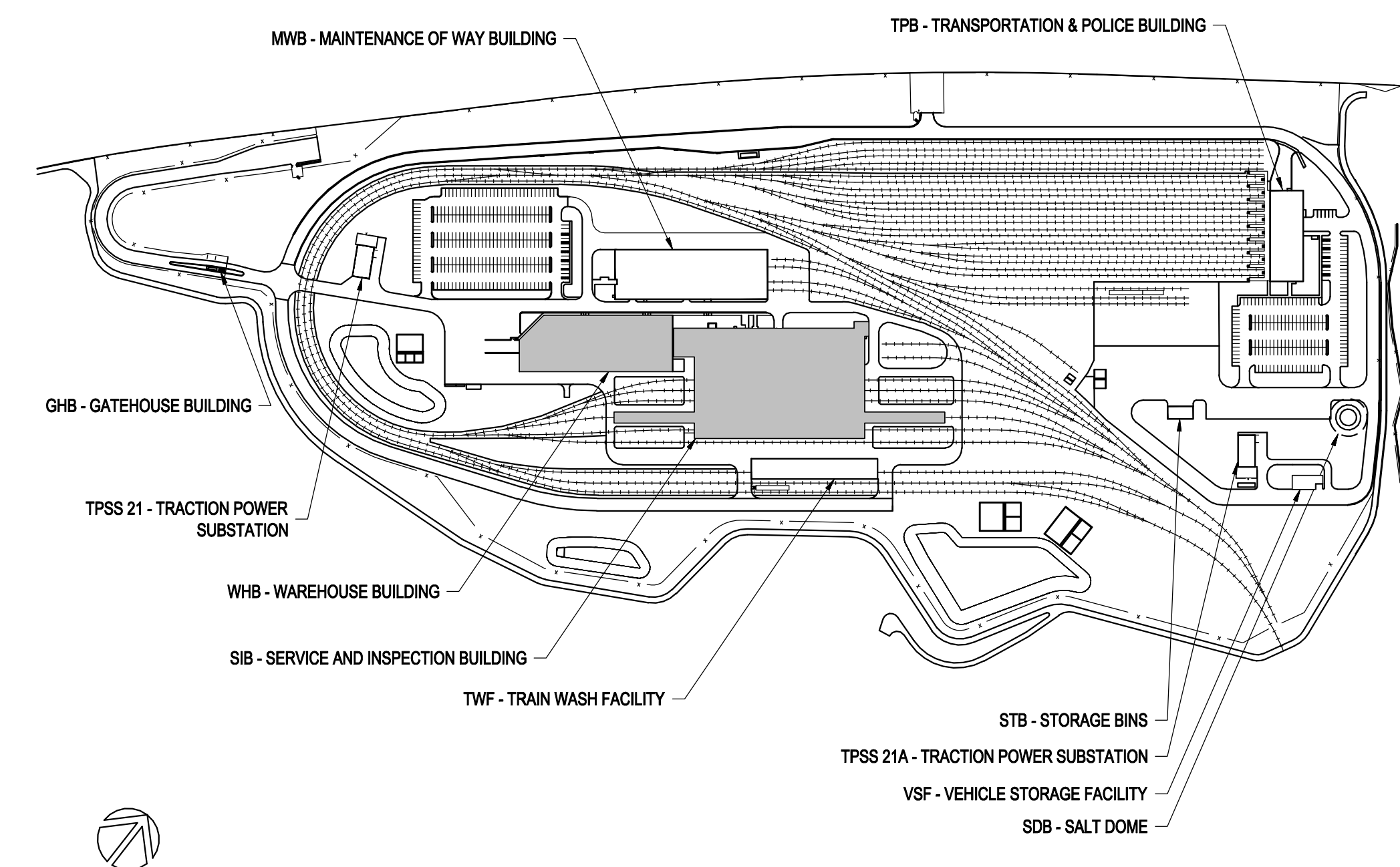
20 FEBRUARY 2017



METROPOLITAN WASHINGTON  
AIRPORTS AUTHORITY

### ISSUED FOR PERMIT

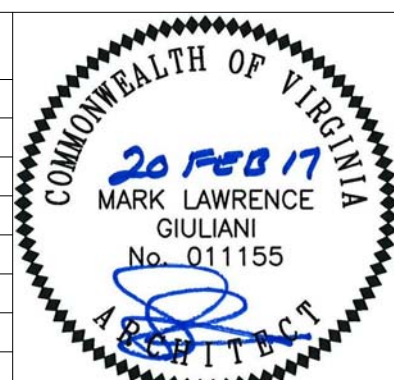
CONTRACT NO: 8-14-C001



PART 1 OF 2		REV.
SHEET NUMBER	SHEET TITLE	
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/WHB-G-002	VSF/WHB - 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 DETECTION 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		REV.
SHEET NUMBER	SHEET TITLE	
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, & ABBREVIATIONS	●
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	●

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NAME	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	JK	CH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



WMATA LDP 2009	39D-01-15	39D-03-16	39D-05-16	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			

Part 2A of 2		
SHEET NUMBER	SHEET TITLE	I.P.
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 BASEMENT / 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	I.P.	
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 BASEMENT / 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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<b>ORIGINATORS</b> J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK DRAWN DATE 02/20/2017	<b>REFERENCE DRAWINGS</b> NUMBER DESCRIPTION NO DATE DESCRIPTION	<b>REVISIONS</b> NO DATE DESCRIPTION 0 02/20/2017 Issued for Permit	<b>COMMONWEALTH OF VIRGINIA</b> 20 FEB 17 MARK LAWRENCE GIULIANI No. 011155 4 EXP. TT. B.C.T.	<b>METROPOLITAN WASHINGTON AIRPORTS AUTHORITY</b>	<b>M metro</b> WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	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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FILE: N99-SIB-G-002B

Part 2B of 2		
SHEET NUMBER	SHEET TITLE	IFC
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	●

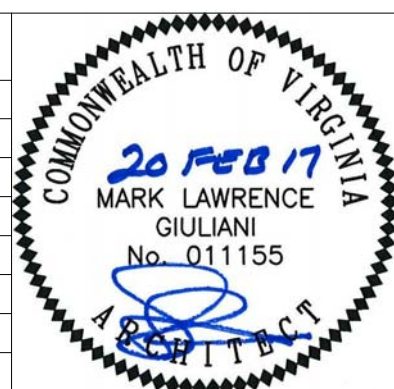
Part 2B of 2 CONTINUATION		
SHEET NUMBER	SHEET TITLE	IFC
N99-SIB-E-622	SIB - SWITCHGEAR SCHEDULES	●
N99-SIB-E-623	SIB - SWITCHBOARD SCHEDULES	●
N99-SIB-E-624	SIB - SWITCHBOARD SCHEDULE	●
N99-SIB-E-631	SERVICE & INSPECTION BUILDING - POWER CONDUIT SCHEDULE	●
N99-SIB-E-632	SERVICE & INSPECTION BUILDING - 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

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS				COMMONWEALTH OF VIRGINIA				METROPOLITAN WASHINGTON AIRPORTS AUTHORITY		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA LDP 2009		39D-02-16		CONTRACT NO.: 8-14-C001	
NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR	SCALE:	DRAWING NO.:	RAIL YARD AND MAINTENANCE FACILITY					
0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG								NTS	N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2					
																DULLES CORRIDOR METRORAIL PROJECT					
																HENSEL PHELPS Plan. Build. Manage.					



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FILE: lila.kelley.rvt

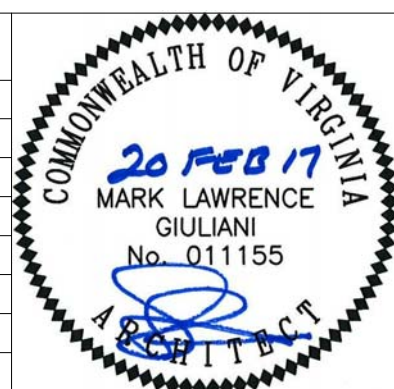
Part 2C of 2		
SHEET NUMBER	SHEET TITLE	PL
GENERAL		
N99-SIB-G-001C	SIB - COVER SHEET - PART 2C OF 2	●
N99-LCW-G-002	LCW - DRAWING INDEX - PART 1 OF 2	●
N99-SIB-G-002A	SIB - DRAWING INDEX - PART 2A OF 2	●
N99-SIB-G-002B	SIB - DRAWING INDEX - PART 2B OF 2	●
N99-SIB-G-002C	SIB - DRAWING INDEX - PART 2C OF 2	●
N99-SIB-G-002D	SIB - DRAWING INDEX - PART 2D OF 2	●
N99-SIB-G-002E	SIB - DRAWING INDEX - PART 2E OF 2	●
N99-SIB-G-002F	SIB - 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	PL
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		REFERENCE DRAWINGS		REVISIONS						METROPOLITAN WASHINGTON AIRPORTS AUTHORITY		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA LDP 2009		39D-02-16		CONTRACT NO.: 8-14-C001	
DATE	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR	RAIL YARD AND MAINTENANCE FACILITY		SIB - DRAWING INDEX - PART 2C OF 2		SCALE:		DRAWING NO.: N99-SIB-G-002C		
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG	DULLES CORRIDOR METRORAIL PROJECT								
C. HOLMES	02/20/2017										HENSEL PHELPS								
J. KELLEHER	02/20/2017										ASSOCIATES ARCHITECTS								
M. GIULIANI	02/20/2017										PLAN. BUILD. MANAGE.								
											DULLES CORRIDOR METRORAIL PROJECT								





SHEET NUMBER		SHEET TITLE		U.P.
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

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS								COMMONWEALTH OF VIRGINIA				METROPOLITAN WASHINGTON AIRPORTS AUTHORITY		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA LDP 2009		39D-02-16		CONTRACT NO.: 8-14-C001									
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				0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG																RAIL YARD AND MAINTENANCE FACILITY		WHB - DRAWING INDEX - PART 2E OF 2					
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017																																
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DRAWN																																	
DESIGNED																																	
CHECKED																																	
APPROVED																																	
																				SCALE: NTS		DRAWING NO.: N99-WHB-G-002E											

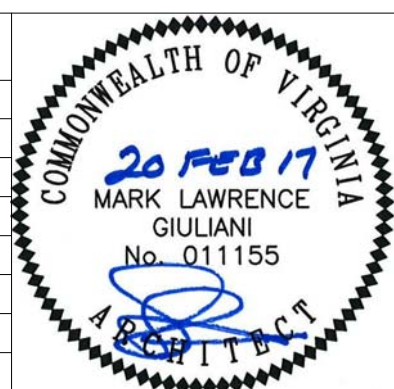
C:\Users\lila.kolevna\Documents\N99-WHB-CENTRAL FILE\lila.kolevna.rvt

SHEET NUMBER		SHEET TITLE		U.P.
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			●

SHEET NUMBER		SHEET TITLE		U.P.
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 ABBREVIATIONS			●
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		REFERENCE DRAWINGS		REVISIONS			
NAME	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK
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M. GIULIANI	02/20/2017						MLG



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
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  
WHB Building

I. APPLICABLE BUILDING CODES  
BUILDING: VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC) 2012  
SPECIFIC FIRE CODES: NFPA 13, NFPA 72, NFPA 10  
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  
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: S-1 STORAGE, B BUSINESS  
MIXED OCCUPANCIES: NON-SEPARATED OCCUPANCIES BASED ON TYPE IIB CONSTRUCTION 508.3  
III. CONSTRUCTION CLASSIFICATION AND LIMITATIONS  
CONSTRUCTION TYPE: TYPE IIB - UNPROTECTED, FULLY SPRINKLERED  
IV. ALLOWABLE BUILDING HEIGHT AND AREA LIMITATIONS(\*)  
USE GROUPS ALLOWABLE HEIGHT BASIC ALLOWABLE AREA  
S-1\* 2 STORIES 17500 SF  
B\* 4 STORIES 23000 SF  
ACTUAL AREA  
FIRST FLOOR 47514 SF  
MEZZANINE - OPEN 2206 SF  
\*ONE STORY, UNLIMITED AREA, 60-FT OPEN YARDS ALL SIDES 507.3  
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  
V. FIRE RESISTANCE RATINGS  
BUILDING ELEMENTS:  
1 STRUCTURAL FRAME INCLUDING GIRDERS AND TRUSSES - 0 HR  
2 BEARING WALLS EXTERIOR - 0 HR  
3 NONBEARING WALLS AND PARTITIONS EXTERIOR - 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  
PAINT STORAGE ROOM - ONE HOUR (CONTROL AREA) TABLE 414.2.2  
10 AREAS OF REFUGE - NOT REQUIRED FOR FULLY SPRINKLERED  
ADAAG 2010 SECTION 207  
REFERENCING IBC 2000,  
SECTION 1003.2.13.2 (EXC 2)  
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 LOADS  
OCCUPANT LOAD FACTORS (SF/PERSON):  
USE GROUP S1 = 500 GROSS (WAREHOUSE)  
USE GROUP B = 100 GROSS  
Description/Function of space Area Floor Area/Occupant Number of Occupants  
First Floor  
Warehouse 46731 SF 500 94  
Business 783 SF 100 8  
Total Area 47514 SF  
Mezzanine  
Warehouse 2206 500 5  
Total Occupants 107  
VIII. REQUIRED EXIT CAPACITY  
EGRESS CAPACITY  
CAPACITY OF EGRESS COMPONENTS, SPRINKLERED BUILDING:  
LEVEL COMPONENTS  
STAIRWAYS AND RAMP (INCH/PERSON)  
USE GROUP (INCH/PERSON) AND RAMP (INCH/PERSON)  
B 0.2 0.15  
S-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)  
Ground 107 .75" 2 36" 17" > 32" \* 2 = 64"  
IX. EGRESS COMPONENTS FOR SPRINKLERED BUILDING  
TRAVEL DISTANCE TO EXITS  
USE GROUP S-1 400 FT<sup>1</sup>  
USE GROUP B 300 FT  
<sup>1</sup>PER USBC 1016.2.2 FOR 1-STORY SPRINKLERED BUILDINGS WITH A MINIMUM HEIGHT OF 24 FEET BETWEEN FINISHED FLOOR AND BOTTOM OF ROOF DECK  
COMMON PATH OF TRAVEL  
USE GROUP S-1 100 FT  
USE GROUP B 100 FT  
DEAD-END LIMITS  
USE GROUP S-1 20 FT  
USE GROUP B 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-FOURTH THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED. USBC 1015.2.1 EX 2  
HIGH PILED STORAGE ACCESS DOORS  
FIRE DEPARTMENT ACCESS DOORS PROVIDED EVERY 100 LINEAR FEET WHERE HIGH-PILED STORAGE IS LOCATED. DOORS SHALL BE A MINIMUM OF 3 FEET IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT. ROLL UP DOORS NOT ACCEPTABLE. IFC 3206.6.1.1  
XI. EXIT DISCHARGE  
EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING 1027.1  
XII. SPRINKLER PROTECTION  
ESFR SPRINKLERS PROVIDED THROUGHOUT WAREHOUSE AREA. DESIGNED TO PROTECT 16-FOOT RACK WITH TOP OF STORAGE = 20 FEET. WAREHOUSE HEIGHT IS 30 FEET NFPA 13 TABLE 16.2.3.1

DESIGN AREA = 12 SPRINKLERS  
K-FACTOR = 16.8  
MINIMUM PRESSURE 35 PSI  
NFPA 13, SECTION 16.2.3  
SMOKE AND HEAT VENTS - NOT REQUIRED IBC 910.1 EXC 2  
XIII. FIRE EXTINGUISHERS  
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER = 75 FEET  
PROVIDE BRACKET MOUNTED ABC DRY CHEMICAL MINIMUM 10-POUND 4A:80B:C THROUGHOUT  
PROVIDE CO2 MINIMUM 10-POUND 10B:C IN COMMUNICATION ROOM  
PROVIDE BRACKET MOUNTED 10-POUND 40B:C IN PAINT STORAGE 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 103D	1	2	1
MEN'S 103E	1	1	1

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 103D	N/A	N/A	N/A
MEN'S 103E	1	1	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 103D	1	2	1
MEN'S 103E	1	2	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 103D	1	2	2
MEN'S 103E	1	2	2

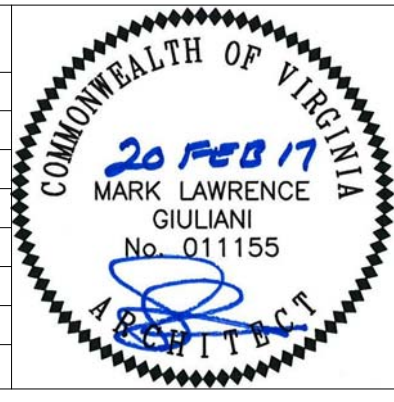
XV. IBC 2012 - ACCESSIBLE LOCKERS / BENCH CALCULATIONS

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 103D	5%	1	1
MEN'S 103E	5%	1	1
Room Name	Accessible Lockers Required	Total Lockers Provided per Room	Accessible Lockers Provided
WOMEN'S 103D	5%	4	1
MEN'S 103E	5%	4	1

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  
DRAWN DATE: 02/20/2017  
C. HOLMES / DESIGNED DATE: 02/20/2017  
J. KELLEHER / CHECKED DATE: 02/20/2017  
M. GIULIANI / APPROVED DATE: 02/20/2017  
REFERENCE DRAWINGS: NUMBER, DESCRIPTION, NO, DATE, DESCRIPTION  
REVISIONS: NO, DATE, DESCRIPTION, ORIG, CHK'R, SUPV, APPR, LK, CTH, MLG, MLG  
0, 02/20/2017, Issued for Permit

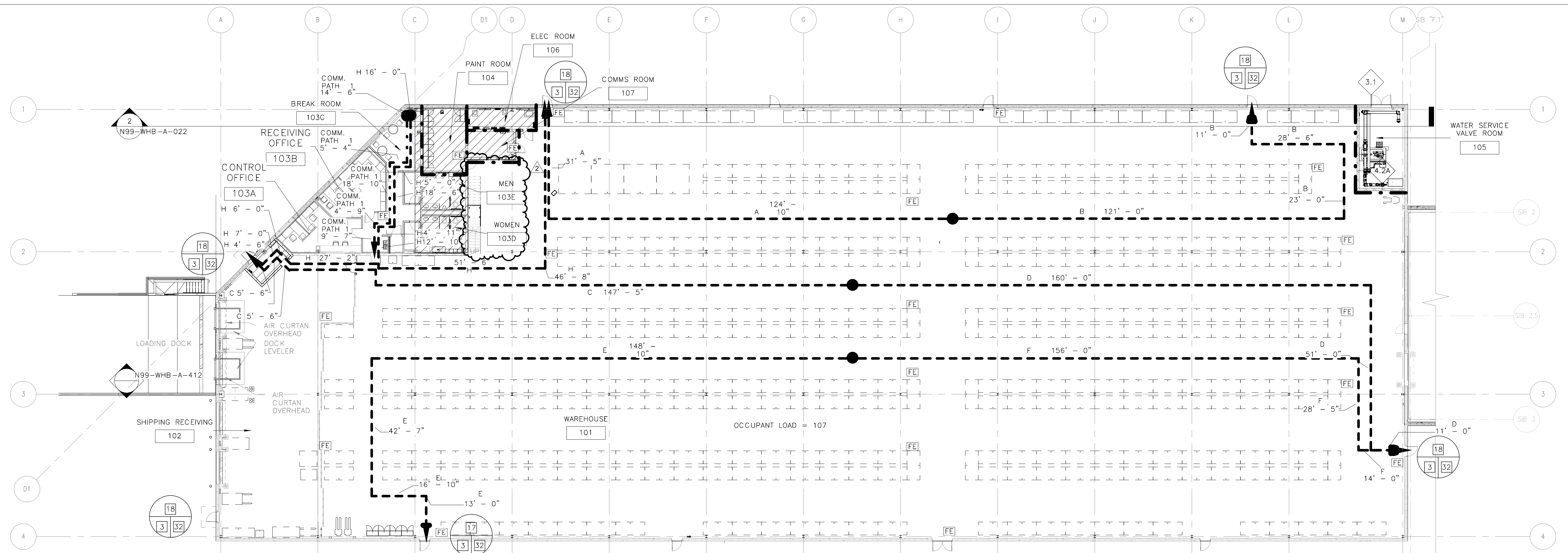


METROPOLITAN WASHINGTON AIRPORTS AUTHORITY  
giuliani ASSOCIATES ARCHITECTS  
HENSEL PHELPS Plan. Build. Manage.

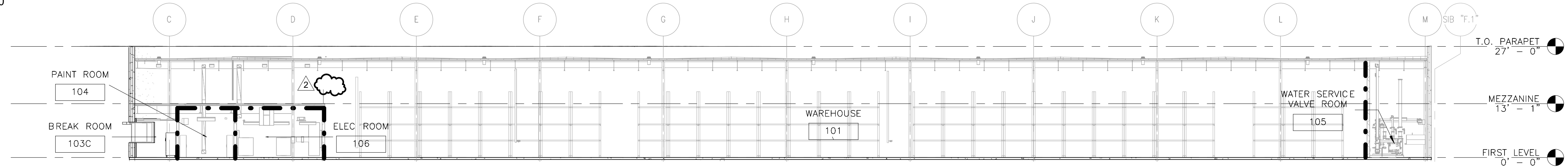
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
DULLES CORRIDOR METRORAIL PROJECT

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

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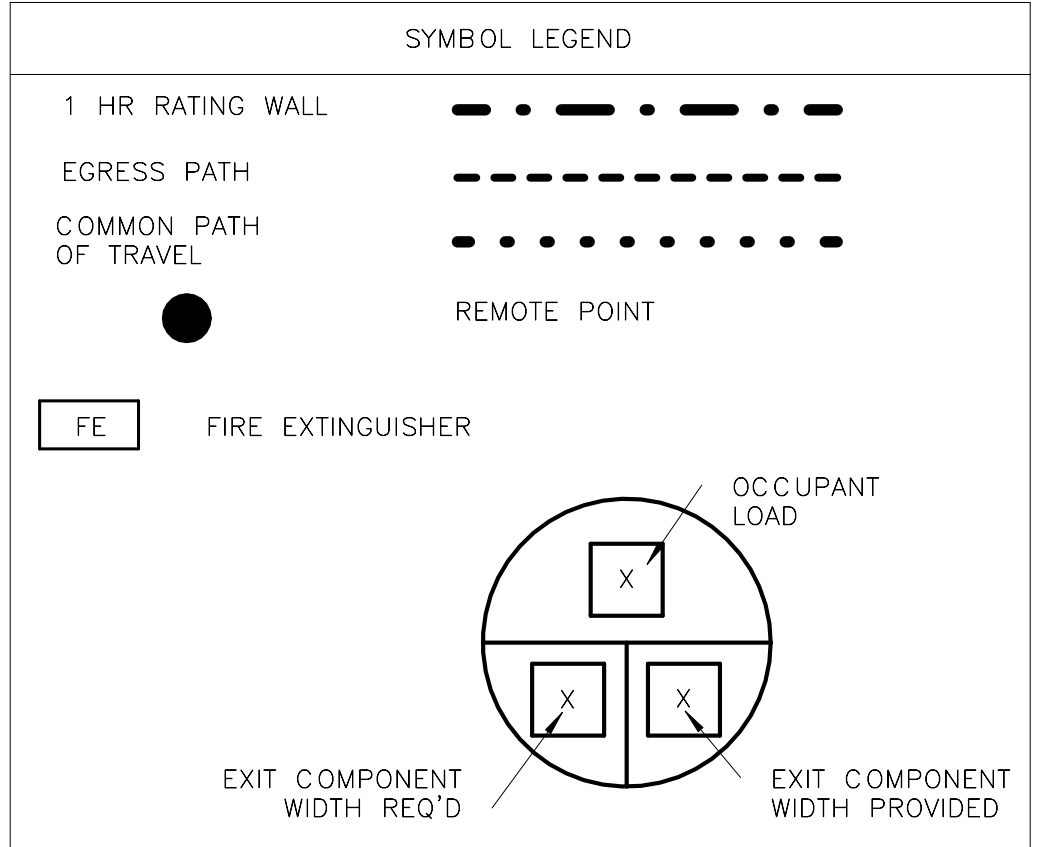
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N99-WHB-A-022  
EGRESS PLAN - FIRST LEVEL  
1/16" = 1'-0"



2  
N99-WHB-A-022  
LIFE SAFETY PLAN - SECTION  
1/16" = 1'-0"

**GENERAL NOTES**

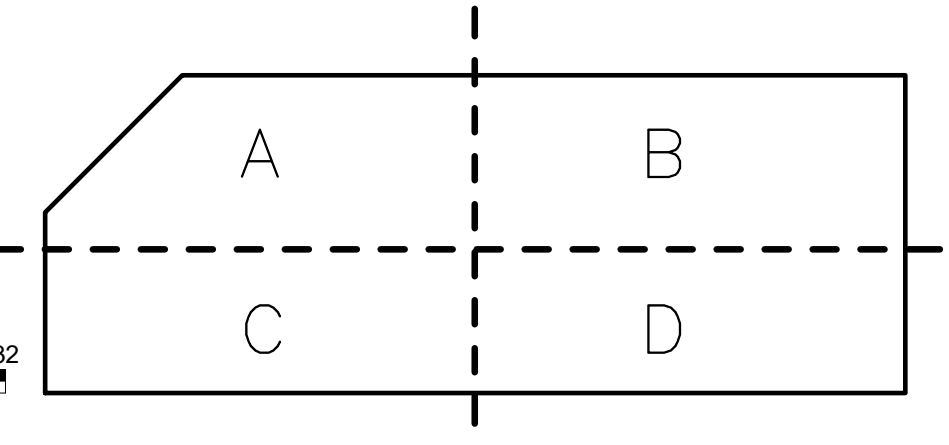
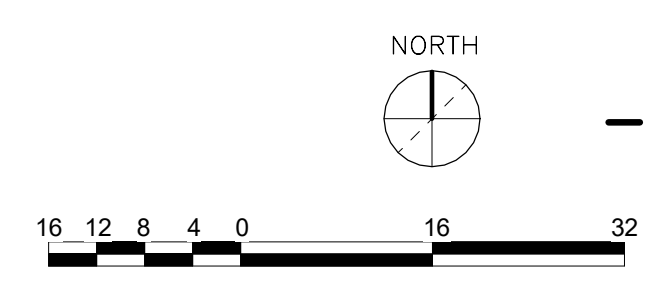
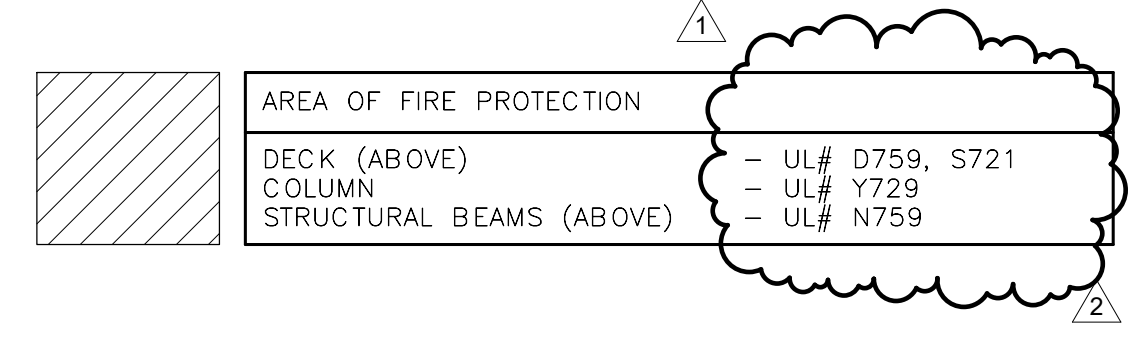
- THE LIFE SAFETY REVIEW IS BASED ON THE VIRGINIA USBC 2012 EDITION BUILDING CODE. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
- MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 300 FT (B)



FIRST FLOOR EGRESS PATH TRAVEL DISTANCES	
PATH	TRAVEL DISTANCE
A	156' - 6"
B	183' - 6"
C	196' - 0"
D	222' - 0"
E	221' - 6"
F	198' - 6"
H	204' - 6"

FIRST FLOOR COMMON PATH TRAVEL DISTANCES	
PATH	TRAVEL DISTANCE
COMM. PATH 1	53' - 0"



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS				
DATE	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
02/20/2017	J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	0	02/20/2017	Issued for Permit	LK	CTH	JK	MLG
02/20/2017	C. HOLMES	1	05/10/2017	Design Change 0344: UL Changes	LK	CTH	JK	MLG
02/20/2017	J. KELLEHER	2	08/01/2017	Design Change 0344.1: UL Changes	LK	CTH	JK	MLG
02/20/2017	M. GIULIANI							

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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

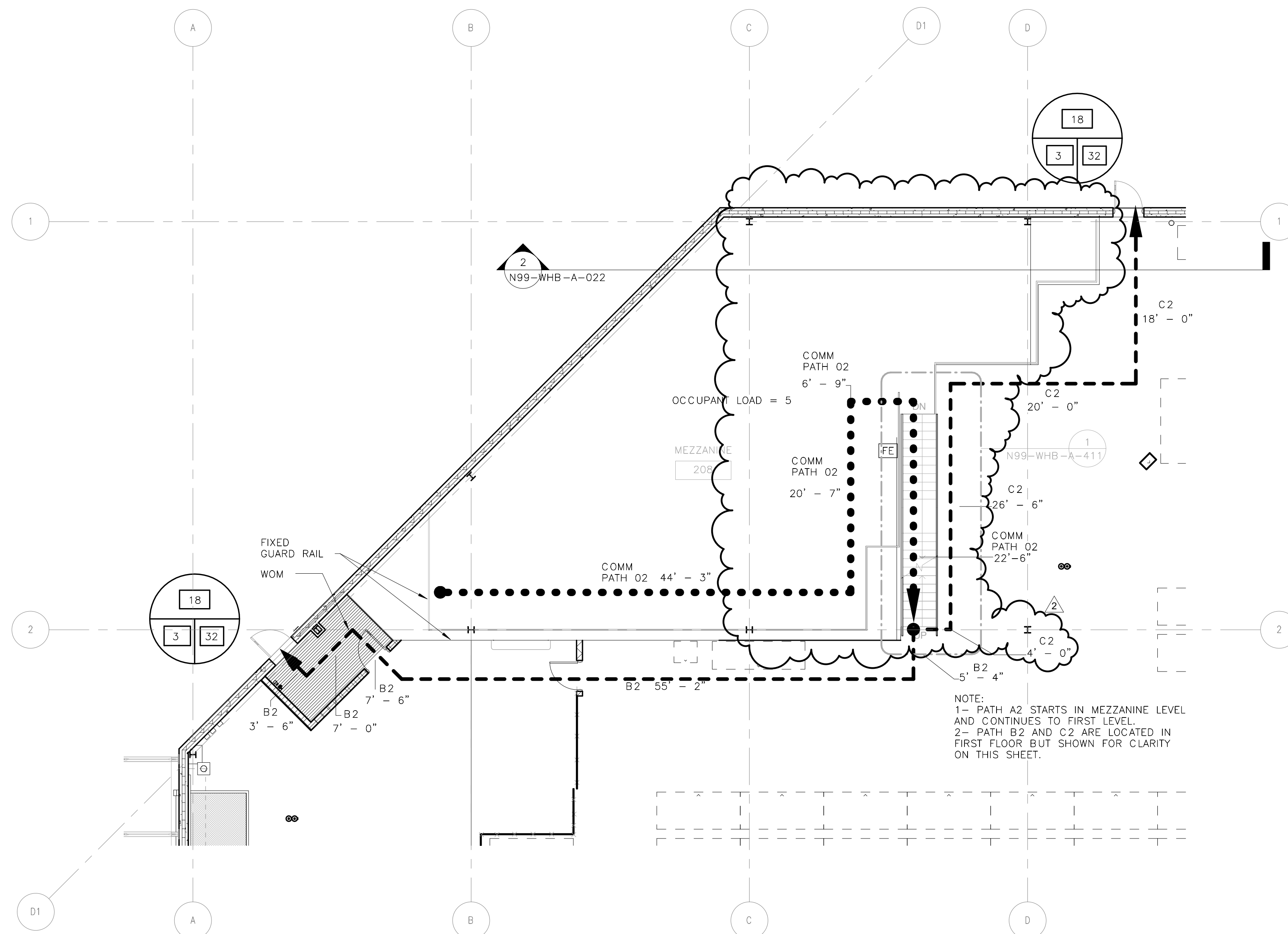
**RAIL YARD AND MAINTENANCE FACILITY**

**WHB - LIFE SAFETY PLANS**

SCALE: 1/16" = 1'-0" DRAWING NO.: N99-WHB-A-022

giuliani ASSOCIATES ARCHITECTS HENSEL PHELPS Plan. Build. Manage. DULLES CORRIDOR METRORAIL PROJECT

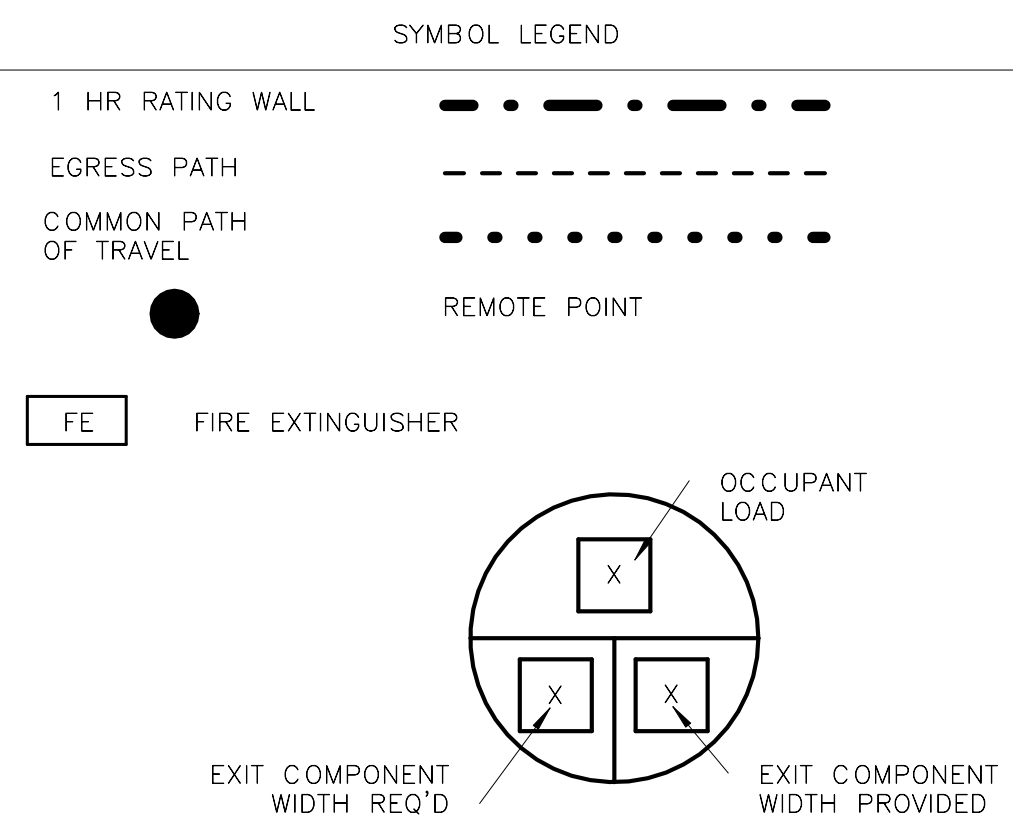
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NOTE:  
 1- PATH A2 STARTS IN MEZZANINE LEVEL AND CONTINUES TO FIRST LEVEL.  
 2- PATH B2 AND C2 ARE LOCATED IN FIRST FLOOR BUT SHOWN FOR CLARITY ON THIS SHEET.

**GENERAL NOTES**

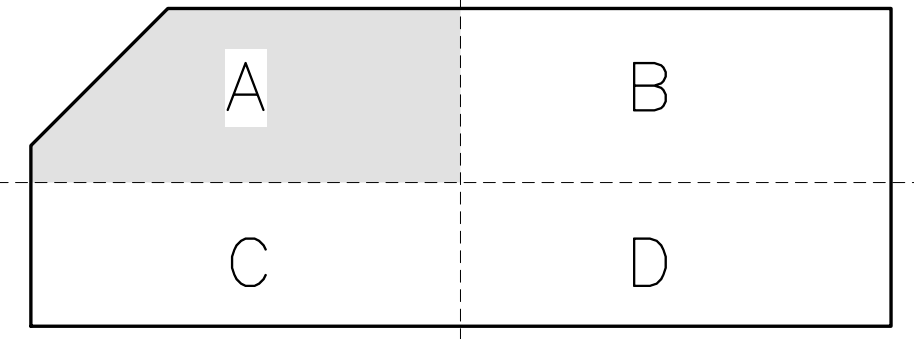
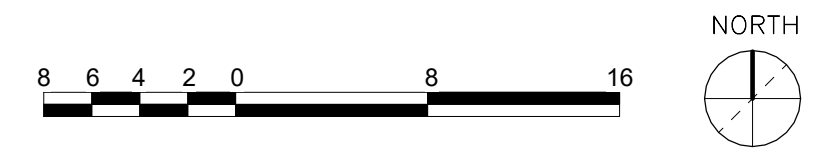
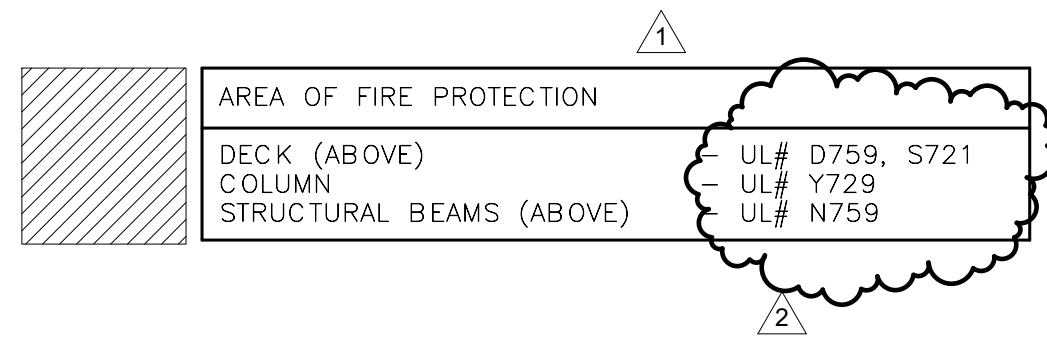
1. THE LIFE SAFETY REVIEW IS BASED ON THE VIRGINIA USBC 2012 EDITION BUILDING CODE. EXACT LOCATION OF THE PORTABLE FIRE EXTINGUISHERS SHOULD BE COORDINATED WITH THE FIRE MARSHAL AHJ.
2. MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT IS 300 FT (B)



EGRESS PATH TRAVEL DISTANCES - MEZZANINE	
PATH	TRAVEL DISTANCE
B2	78' - 6"
C2	68' - 6"
COMM PATH 02	97' - 0"

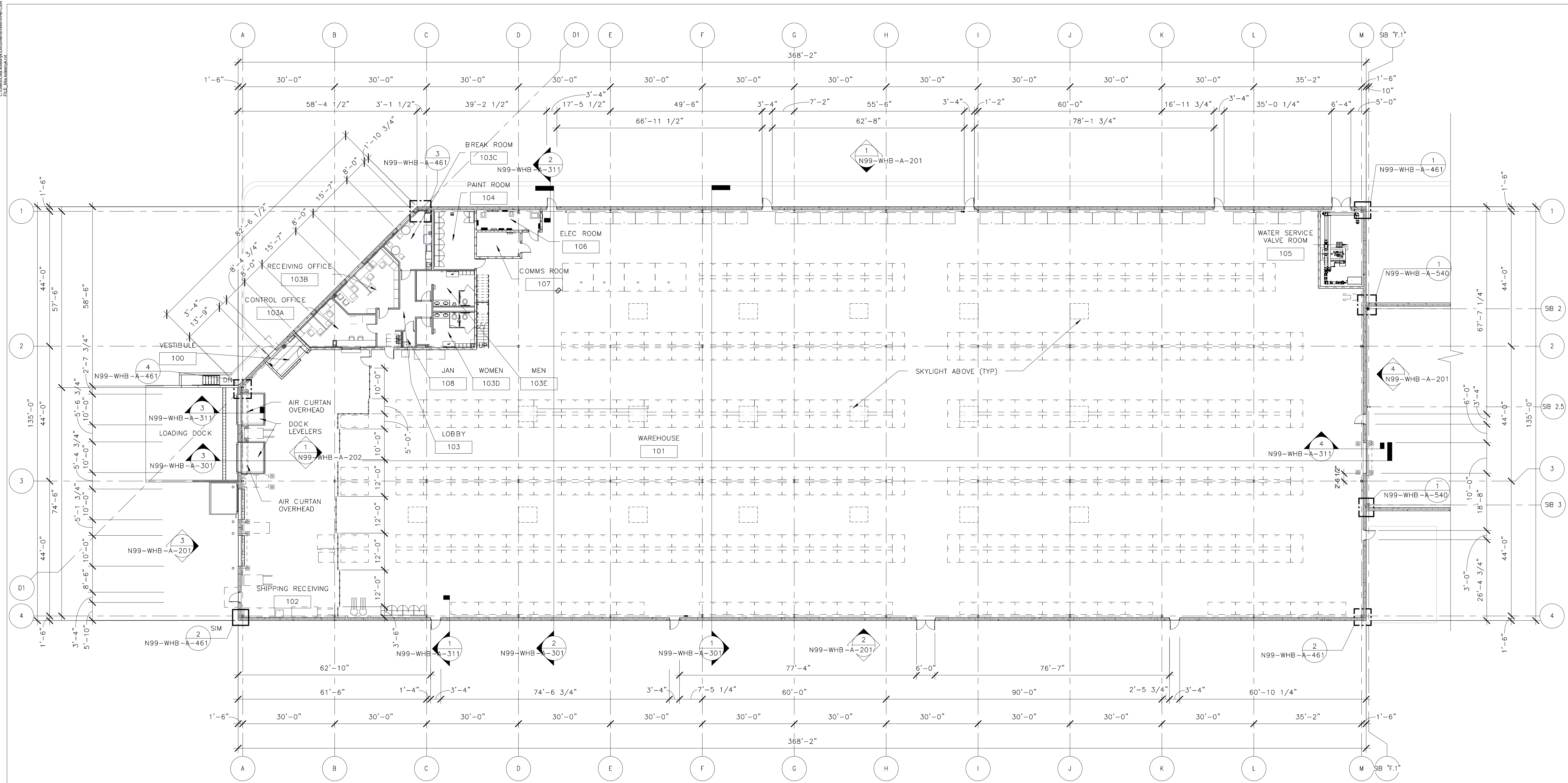
FIRST FLOOR COMMON PATH TRAVEL DISTANCES	
PATH	TRAVEL DISTANCE
COMM. PATH 1	53' - 0"



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	JK	MLG
C. HOLMES	02/20/2017			1	05/10/2017	Design Change 0344: UL Changes	LK	CTH	JJL	MLG
J. KELLEHER	02/20/2017			2	08/01/2017	Design Change 0344.1: UL Changes	LK	CTH	JJL	MLG
M. GIULIANI	02/20/2017									

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

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**PARTITION PLAN GENERAL NOTES**

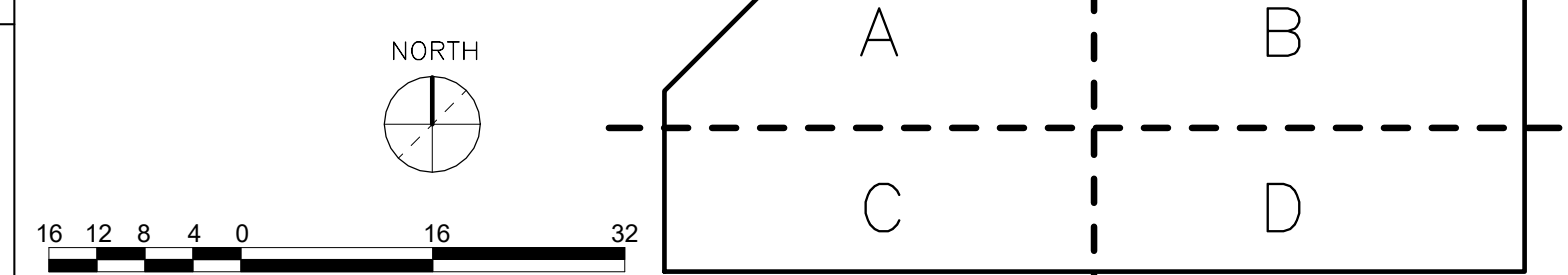
1. THE INSIDE EDGE OF DOOR FRAMES SHALL BE SET 6" CLEAR FROM THE FINISH FACE OF THE ADJACENT PERPENDICULAR PARTITION UNLESS OTHERWISE NOTE OR DIMENSIONED. DIMENSIONS LOCATING DOORS ARE SET TO THE INSIDE EDGE OF THE DOOR FRAME UNLESS OTHERWISE NOTED.

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 CEMENTITIOUS WALLBOARD 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.

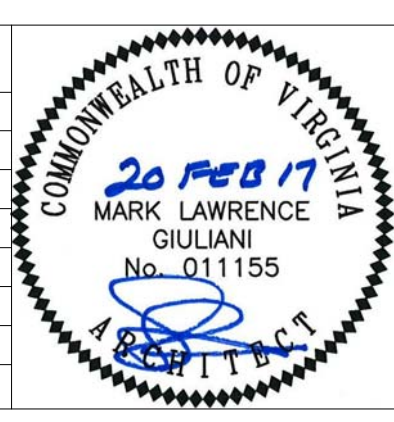
4. CONTRACTOR TO COORDINATE LOCATION OF FIRE PULL STATIONS, EXIT LIGHTS, STANDPIPES AND EMERGENCY LIGHTING WITH ENGINEER.

PLAN NOTES:  
(-1'-0") EXAMPLE, DENOTES TOP OF SPREAD FOOTING RELATIVE TO FINISH FLOOR REFERENCE ELEVATION 0'-0" = 282.25'



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

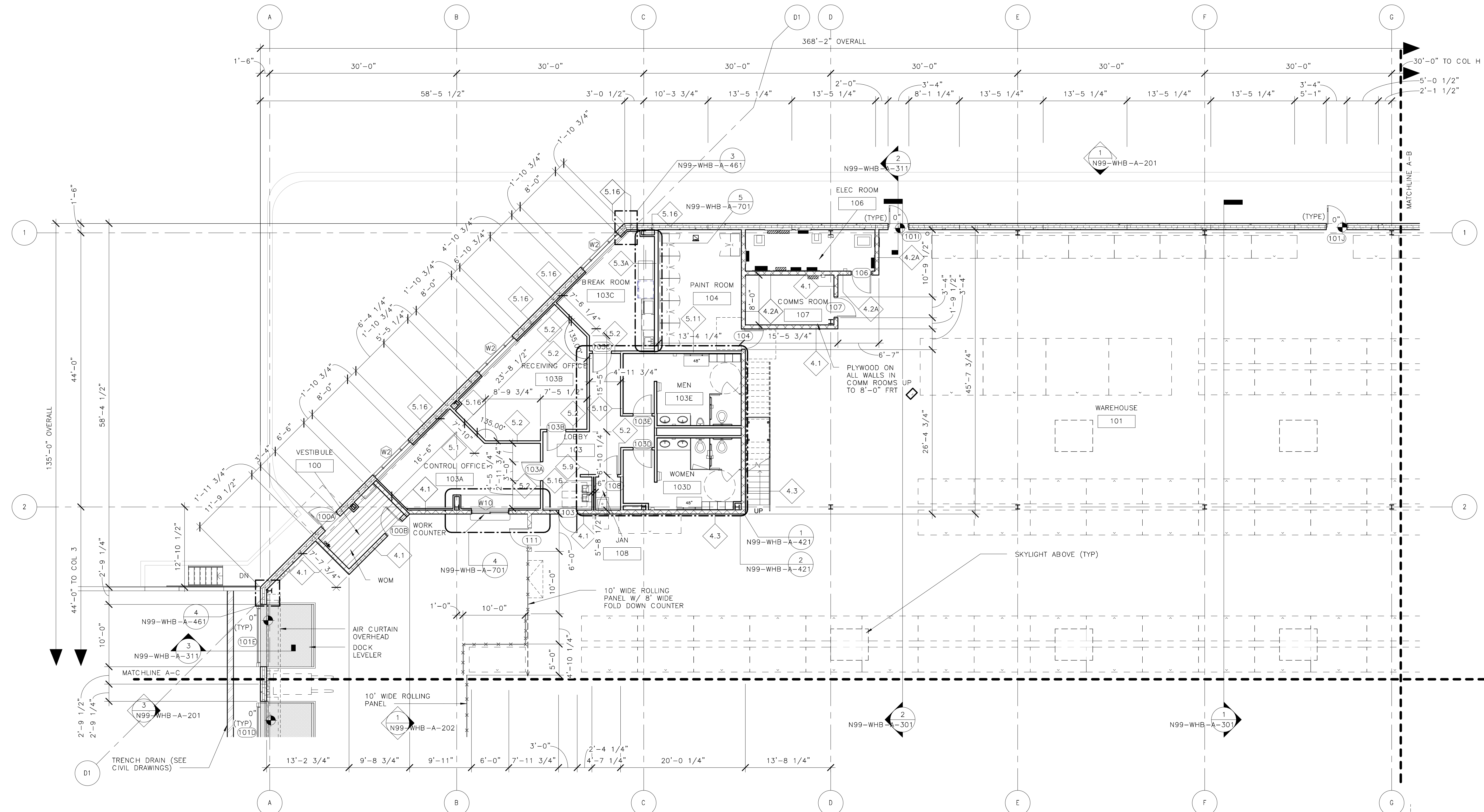
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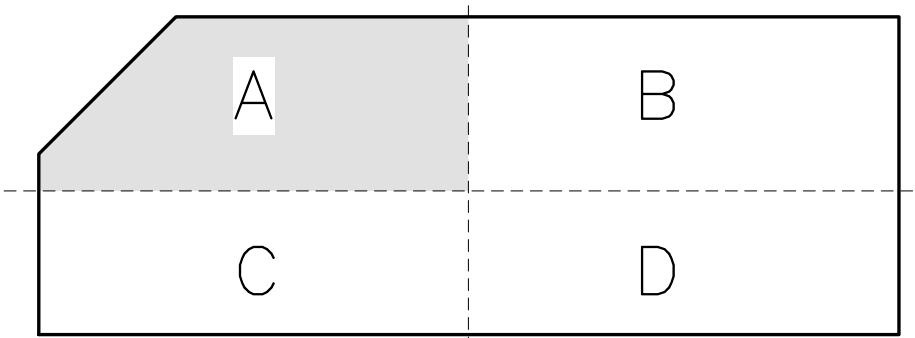
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<b>RAIL YARD AND MAINTENANCE FACILITY</b>			
<b>WHB - OVERALL FIRST FLOOR PLAN</b>			
SCALE: 1/16" = 1'-0"	DRAWING NO.: N99-WHB-A-111		

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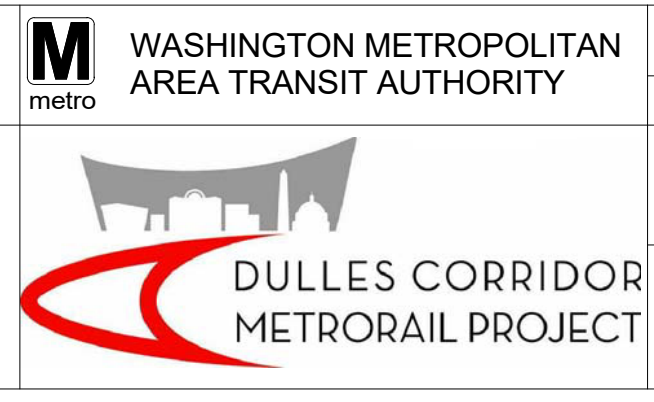
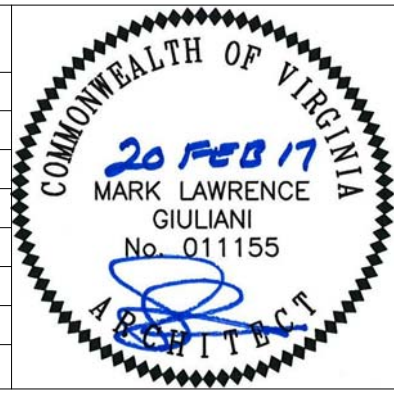


PLAN NOTES:  
 (-1'-0") EXAMPLE, DENOTES TOP OF SPREAD FOOTING RELATIVE TO FINISH FLOOR REFERENCE  
 ELEVATION 0'-0" = 282.25'



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

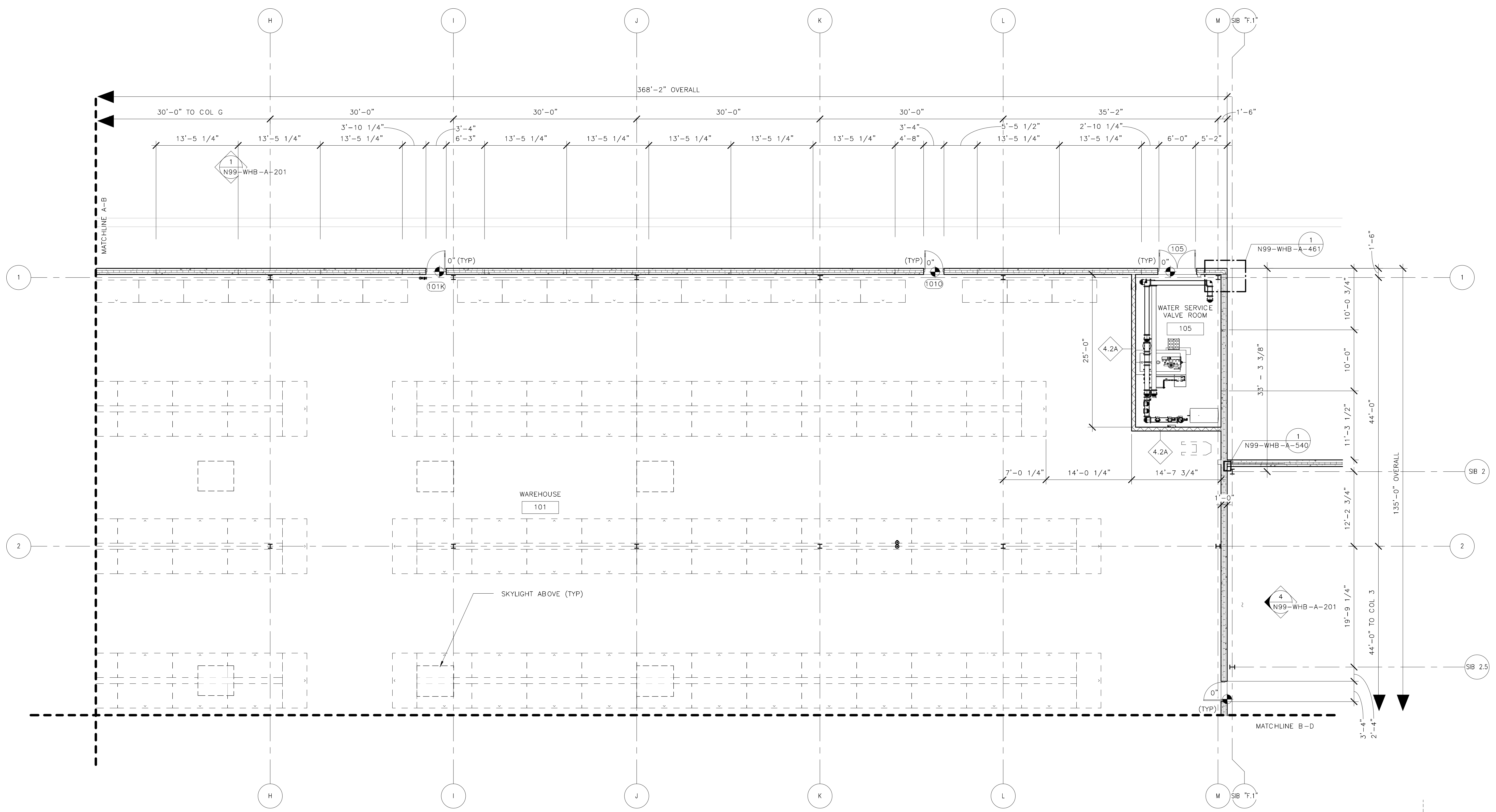
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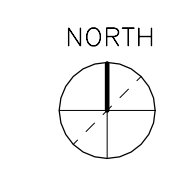
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
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SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-112		

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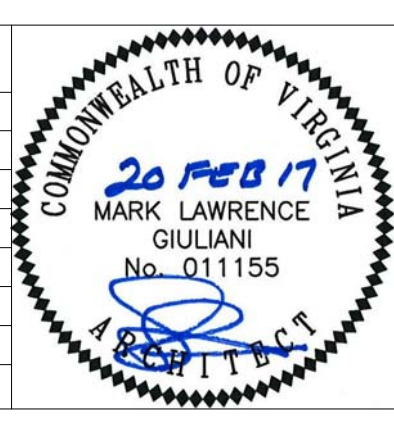


PLAN NOTES:  
 (-1'-0") EXAMPLE, DENOTES TOP OF SPREAD FOOTING RELATIVE TO FINISH FLOOR REFERENCE  
 ELEVATION 0'-0" = 282.25'



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

REFERENCE DRAWINGS		REVISIONS						
NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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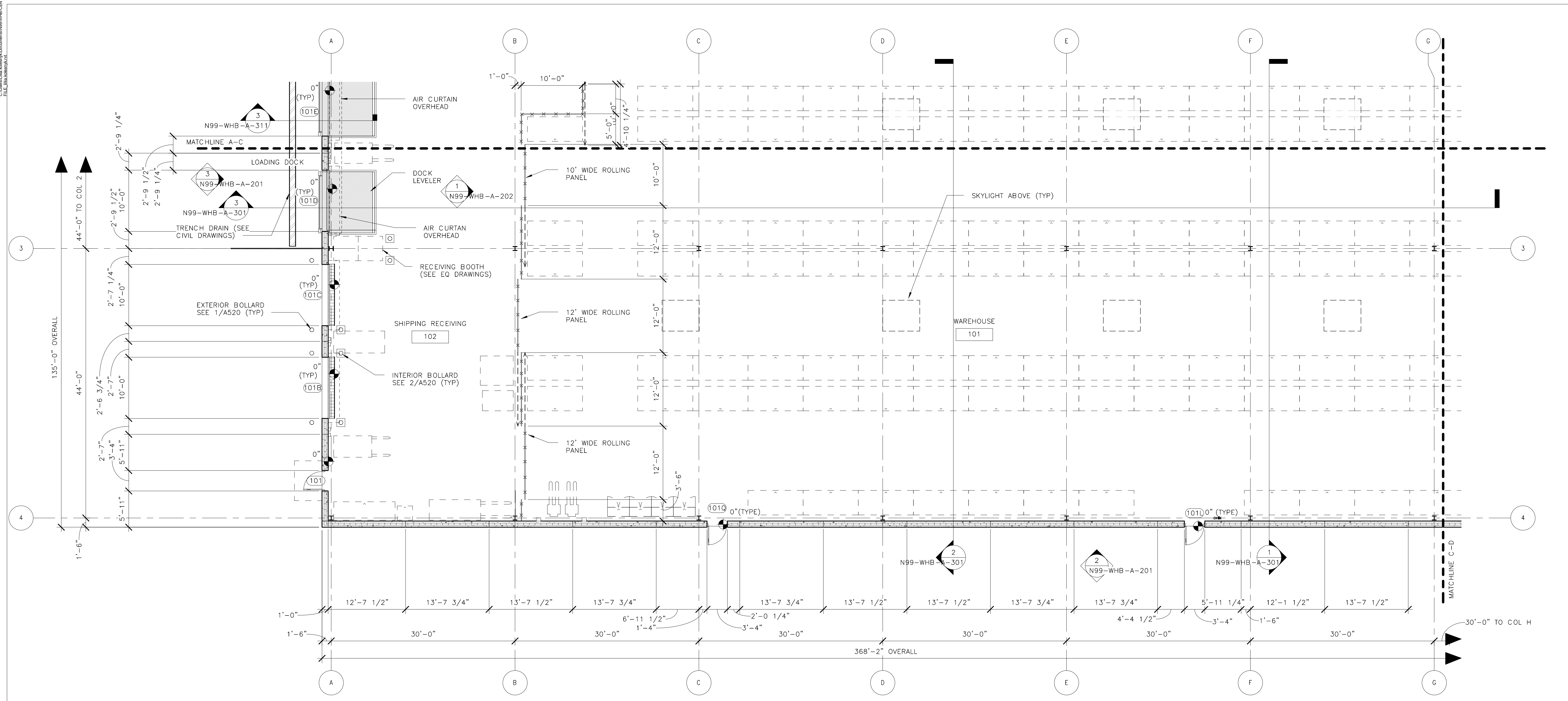
METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

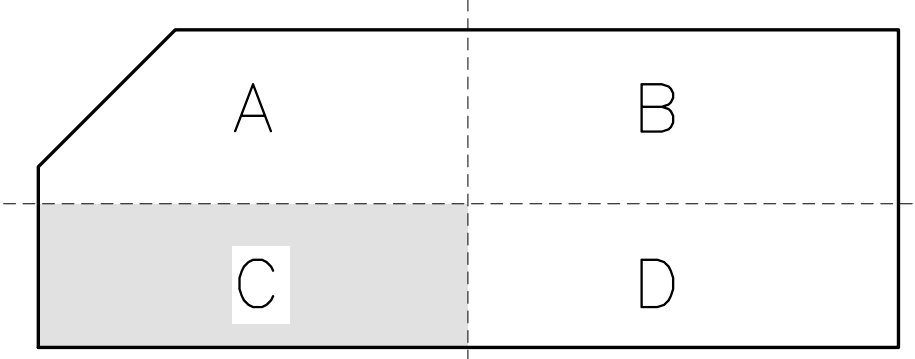
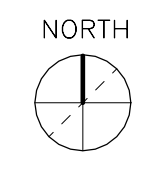
WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - FIRST FLOOR PLAN - AREA B		
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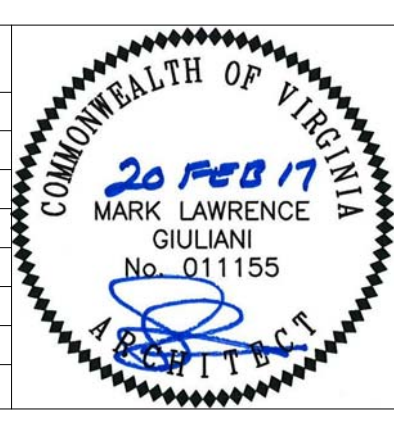


PLAN NOTES:  
 (-1'-0") EXAMPLE, DENOTES TOP OF SPREAD FOOTING RELATIVE TO FINISH FLOOR  
 REFERENCE ELEVATION 0'-0" = 282.25'



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

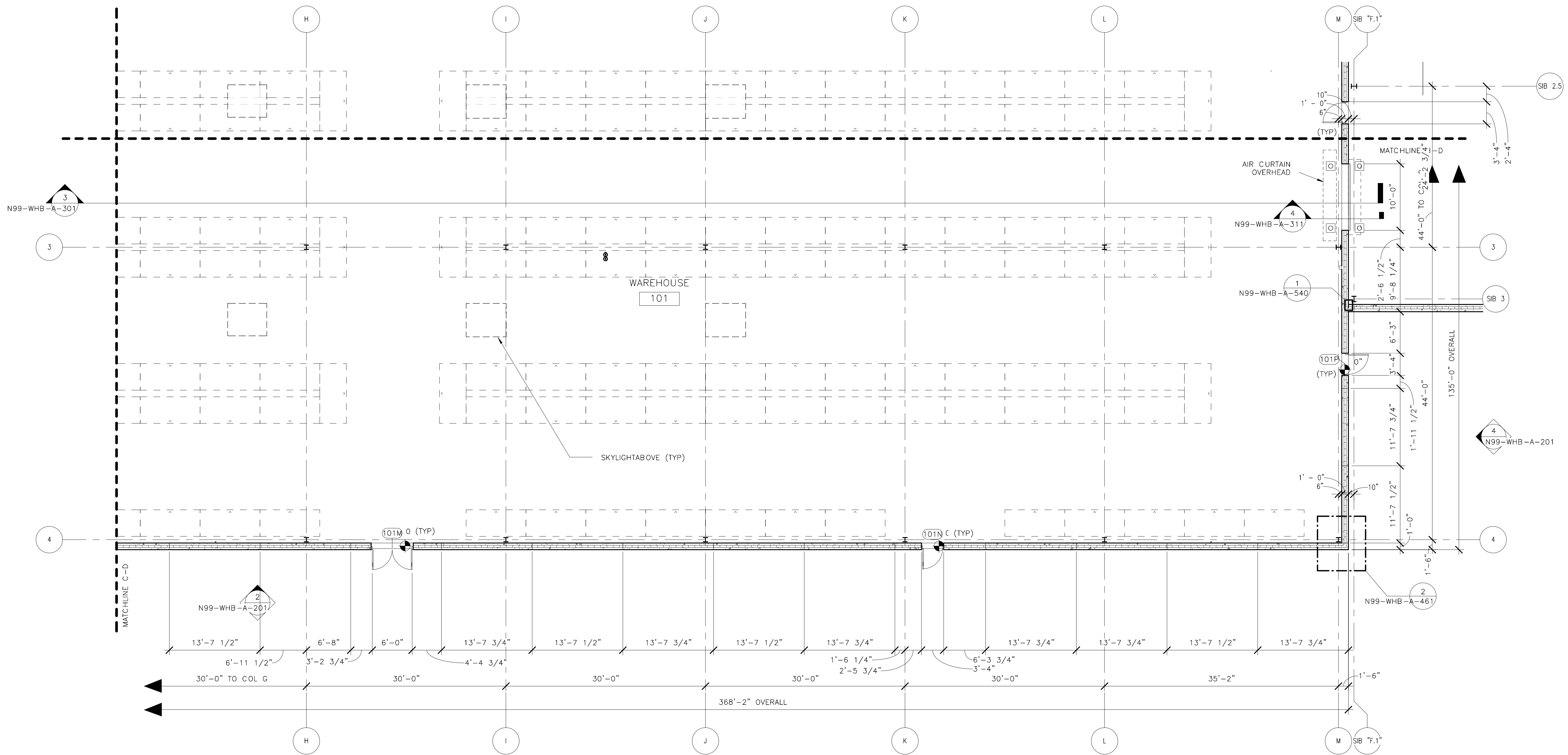
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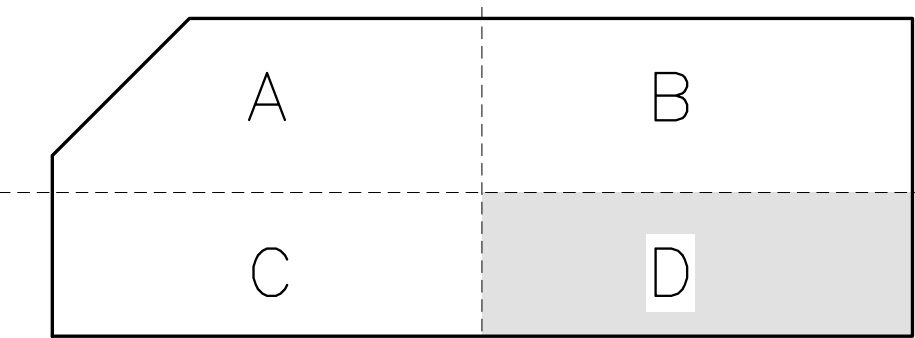
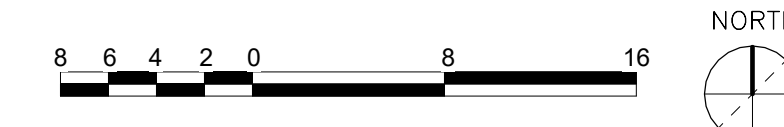
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - FIRST FLOOR PLAN - AREA C			
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-114		

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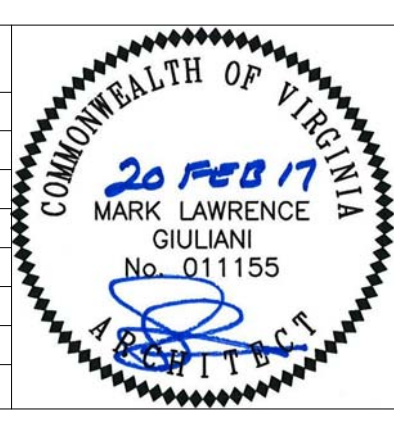


PLAN NOTES:  
 (-1'-0") EXAMPLE, DENOTES TOP OF SPREAD FOOTING RELATIVE TO FINISH FLOOR REFERENCE  
 ELEVATION 0'-0" = 282.25'



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

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



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

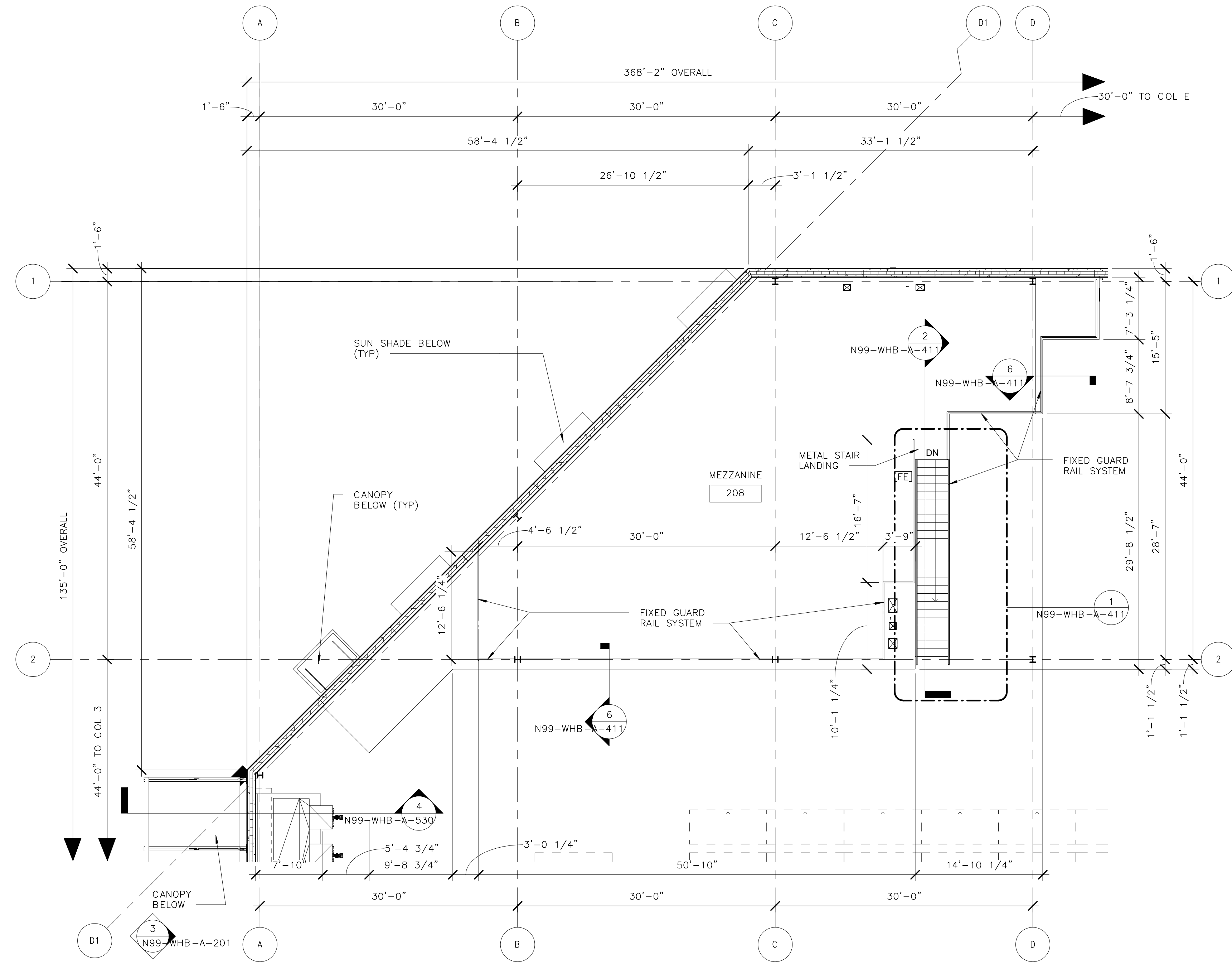
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - FIRST FLOOR PLAN - AREA D		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-115	

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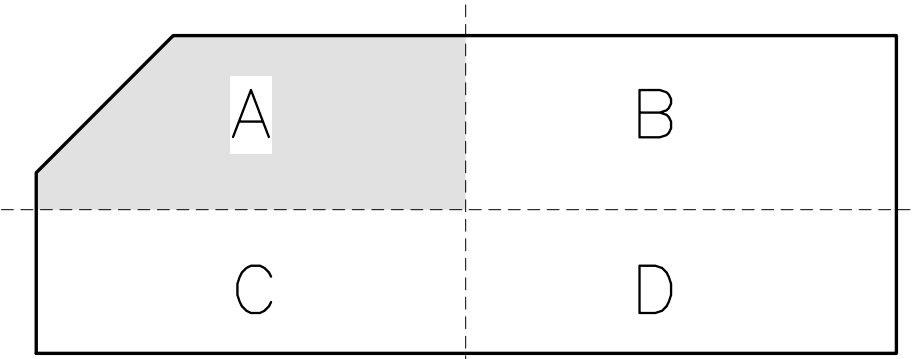
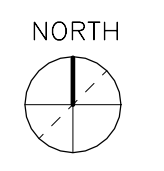
PARTITION PLAN GENERAL NOTES

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

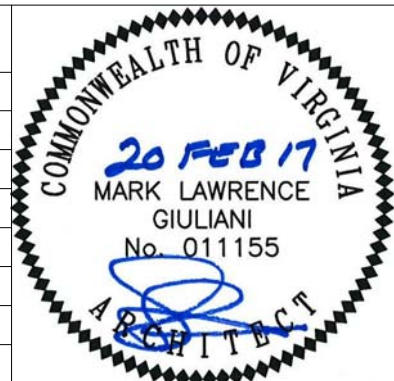
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4. CONTRACTOR TO COORDINATE LOCATION OF FIRE PULL STATIONS, EXIT LIGHTS, STANDPIPES AND EMERGENCY LIGHTING WITH ENGINEER.



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. HENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit				
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

**giuliani ASSOCIATES ARCHITECTS**

**HENSEL PHELPS** Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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

RAIL YARD AND MAINTENANCE FACILITY

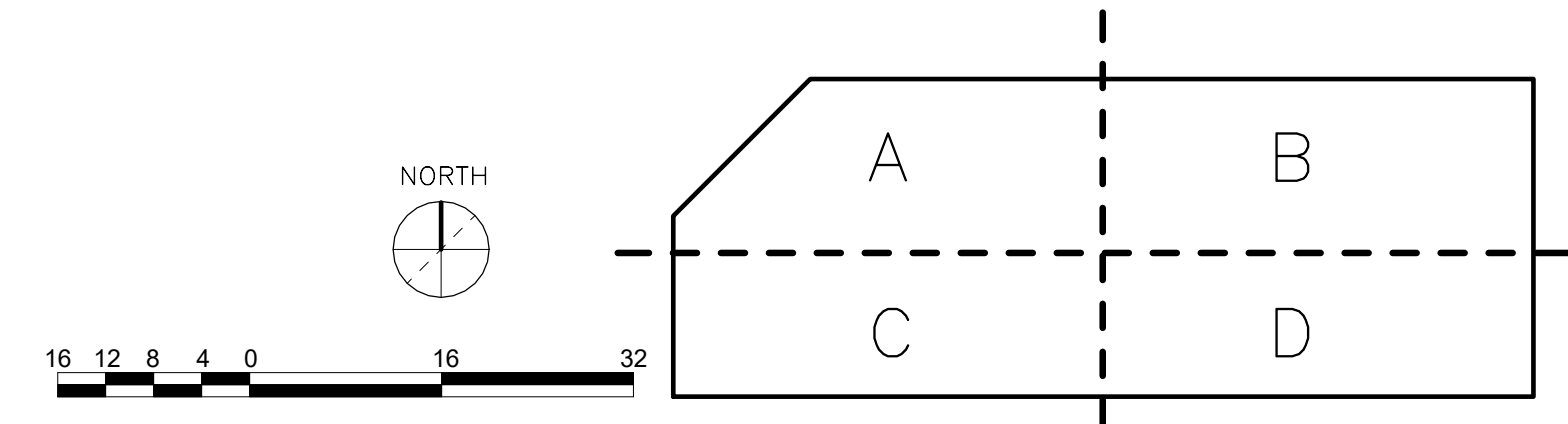
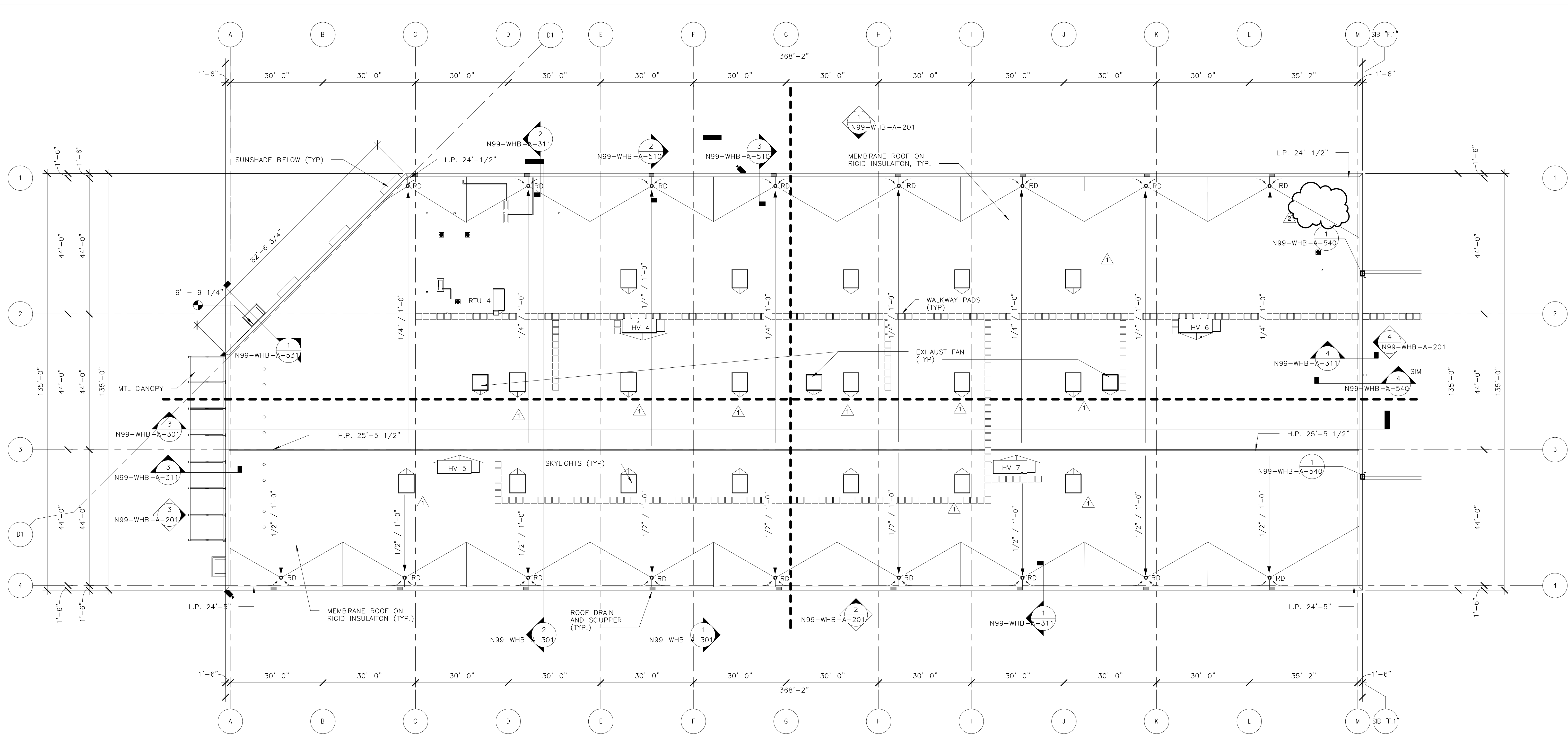
WHB - MEZZANINE FLOOR PLAN

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

DRAWING NO.: N99-WHB-A-121

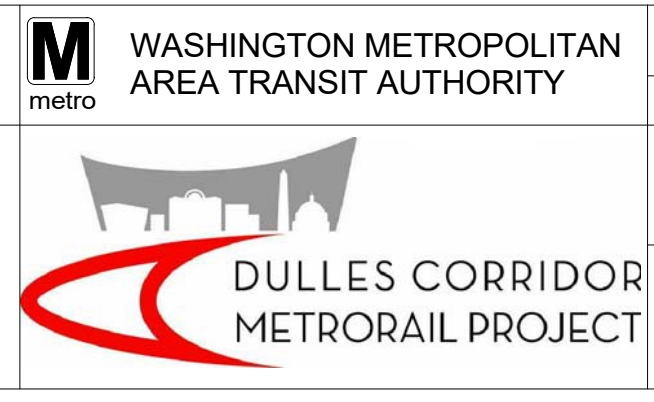
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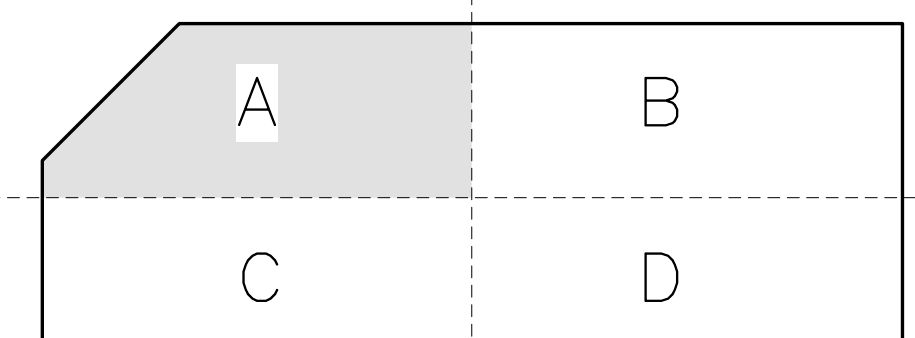
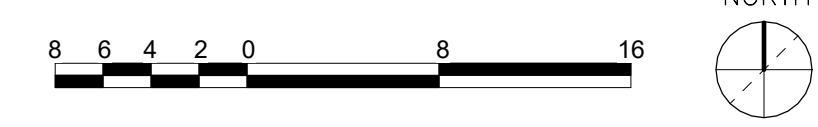
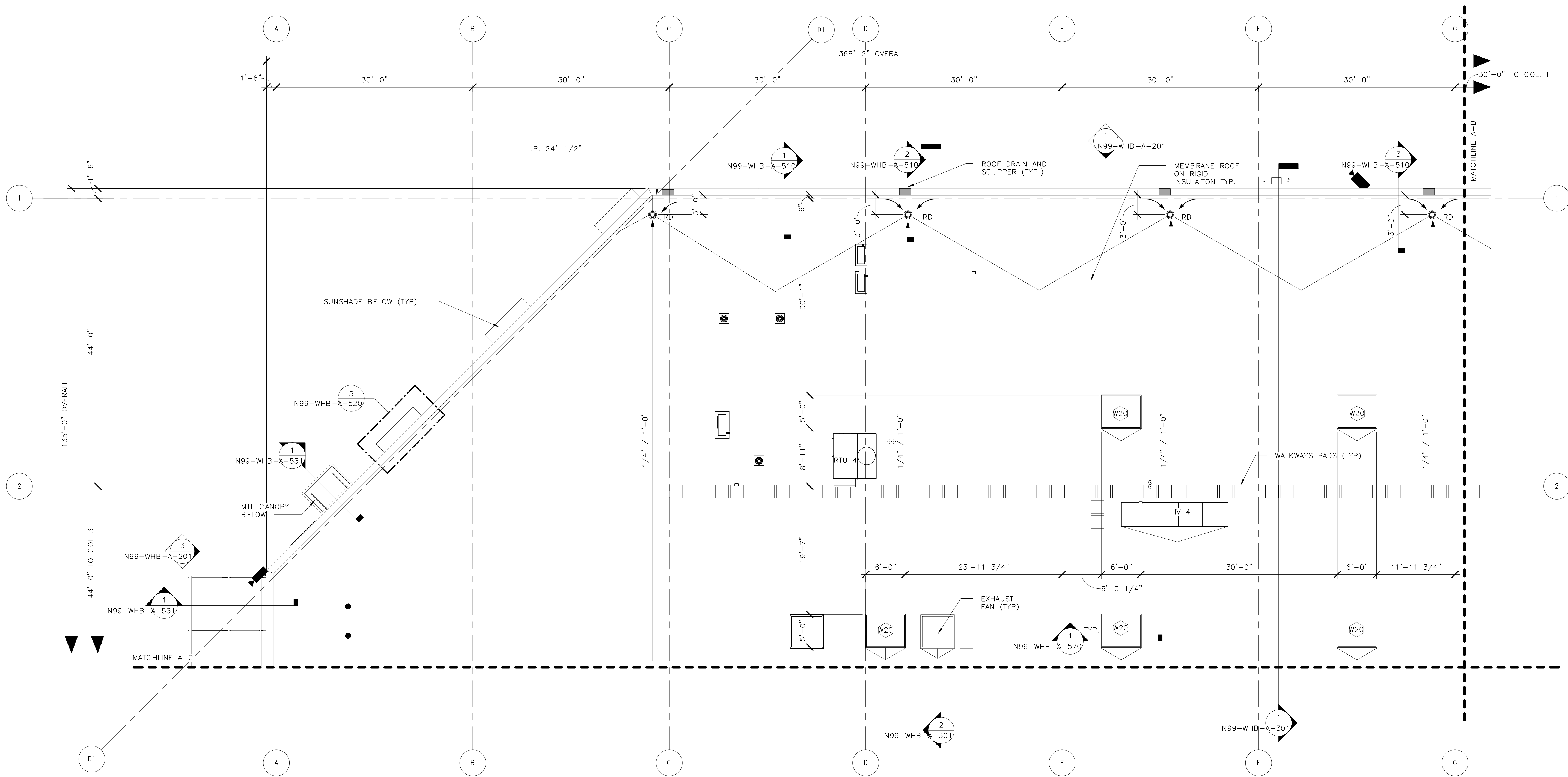
ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DATE	
C. HOLMES	02/20/2017
DESIGNED	
J. KELLEHER	02/20/2017
CHECKED	
M. GIULIANI	02/20/2017
APPROVED	

REFERENCE DRAWINGS		REVISIONS						
NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
		0	02/20/2017	Issued for Permit	LK	CTH	JK	MLG
		1	10/25/2017	Design Change 0572: Skylight Rotation	RR	CTH	JK	MLG
		2	12/07/2017	Design Change 0534: DL-62 Fire pump & Sup.	LK	CTH	JK	MLG

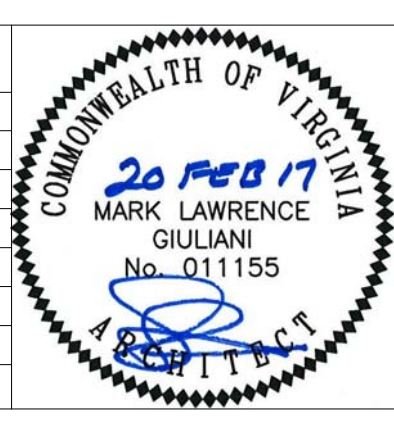


WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - OVERALL ROOF PLAN		
SCALE: 1/16" = 1'-0"	DRAWING NO.: N99-WHB-A-141	

12/6/2017 5:31:25 PM



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
DRAWN	DATE			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
DESIGNED	DATE									
J. KELLEHER	02/20/2017									
CHECKED	DATE									
M. GIULIANI	02/20/2017									
APPROVED	DATE									



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

RAIL YARD AND MAINTENANCE FACILITY

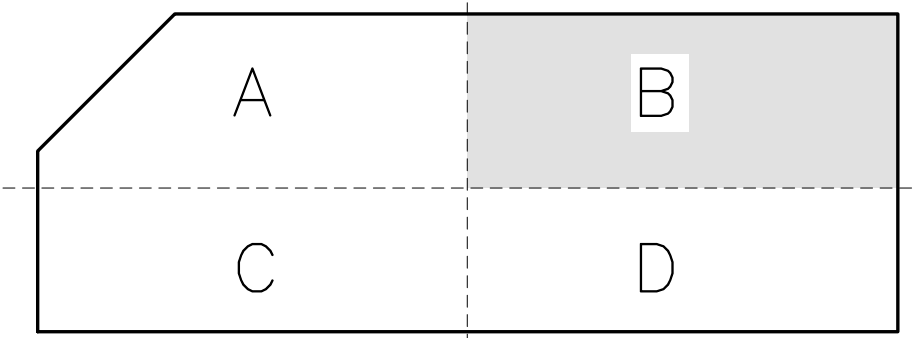
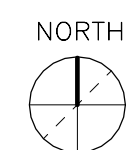
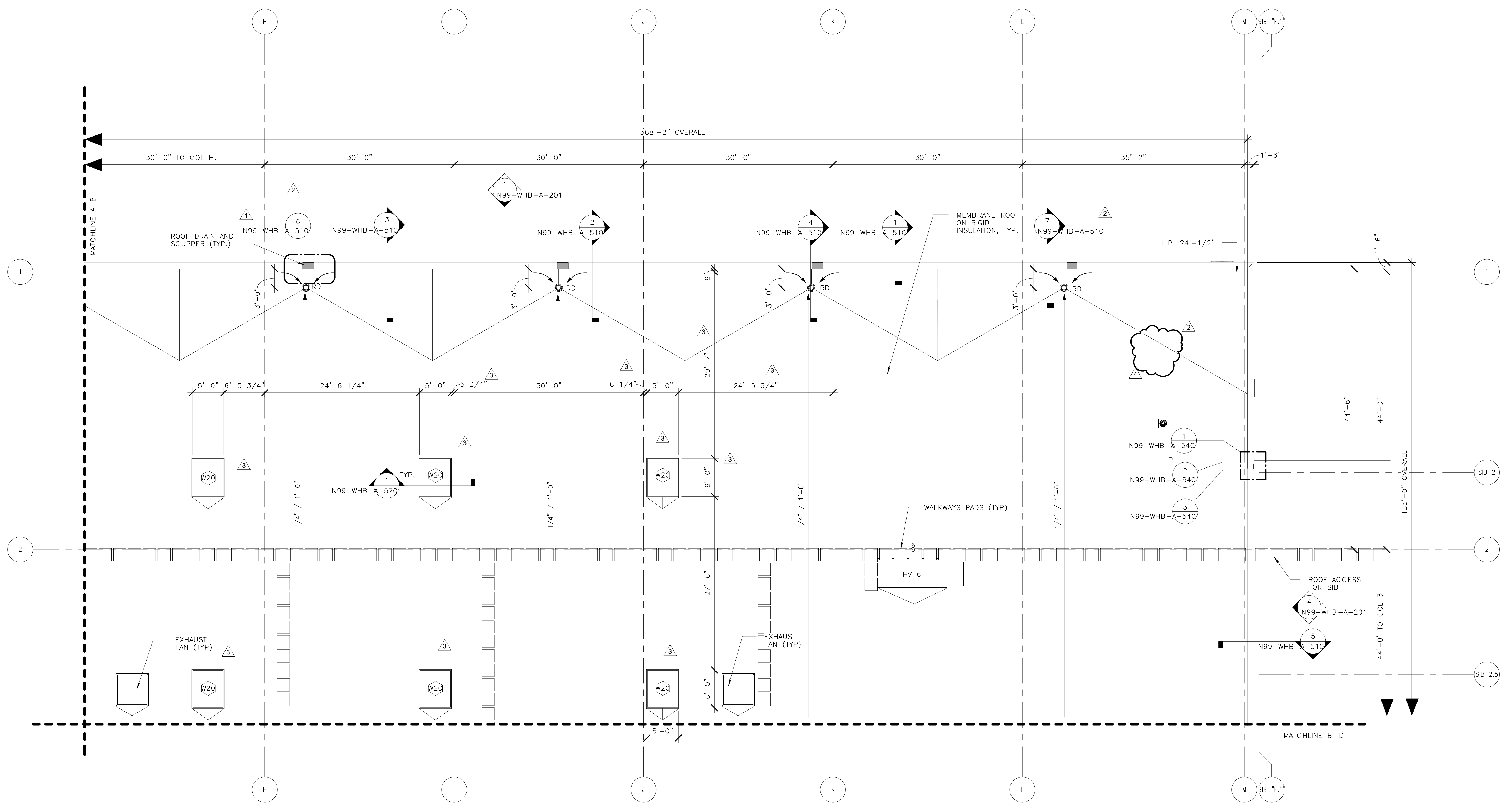
WHB - ROOF PLAN - AREA A

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

DRAWING NO.: N99-WHB-A-142

CONTRACT NO.: 8-14-C001

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FILE:114143.dwg



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
C. HOLMES	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	JJK	MLG
J. KELLEHER	02/20/2017			1	06/20/2017	DC 0424: Roof Blocking	LK	CTH	JJK	MLG
				2	09/18/2017	Design Change 0537: Additional Roof Updates	RR	CTH	JJK	MLG
				3	10/25/2017	Design Change 0572: Skylight Rotation	RR	CTH	JJK	MLG
M. GIULIANI	02/20/2017			4	12/07/2017	Design Change 0534: DL-62 Fire pump & Sup.	LK	CTH	JJK	MLG

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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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**

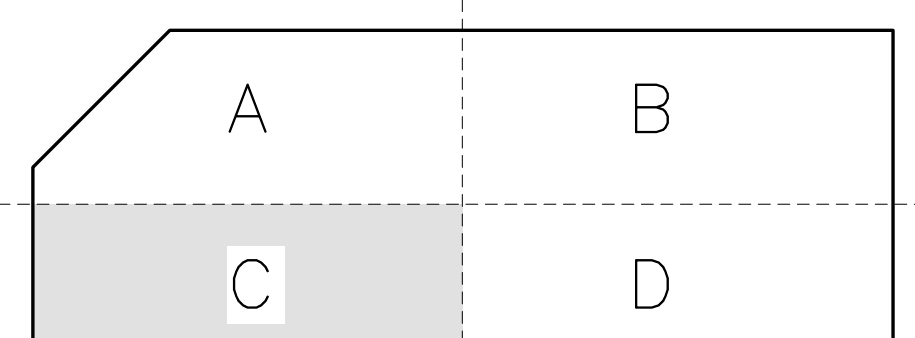
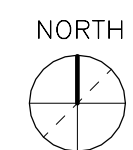
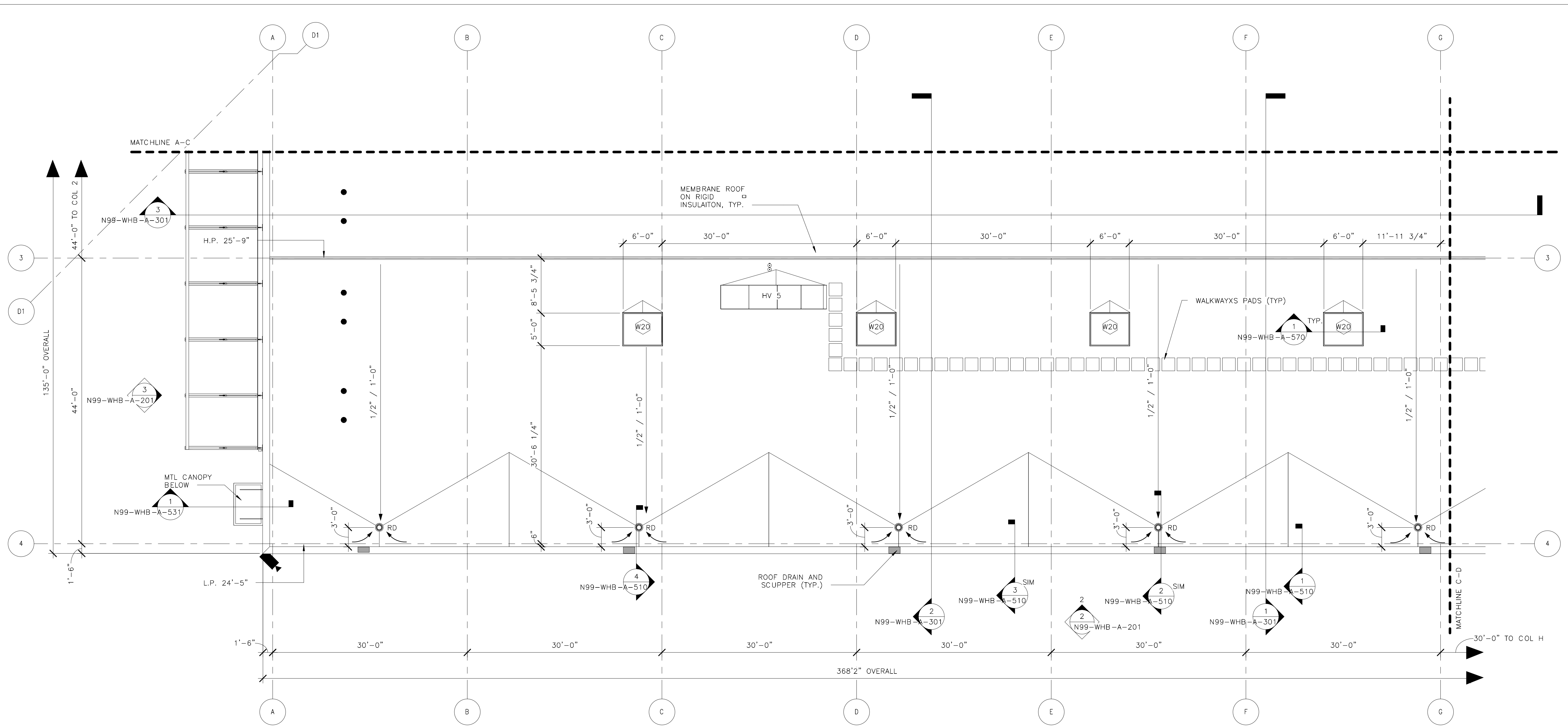
**WHB - ROOF PLAN - AREA B**

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

DRAWING NO.: N99-WHB-A-143

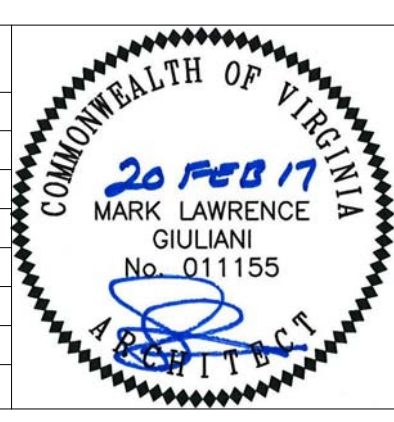
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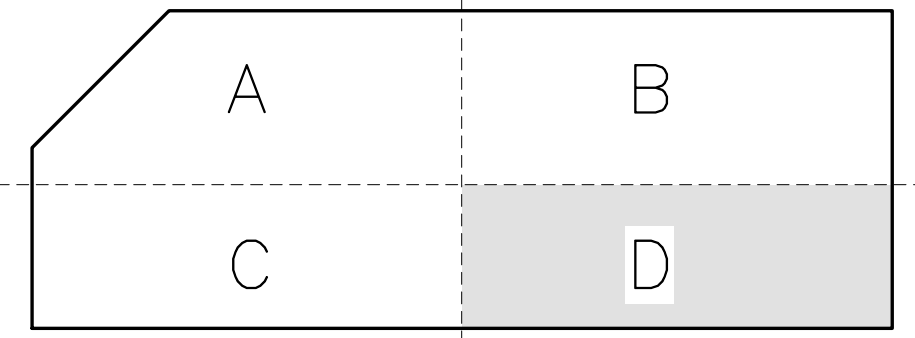
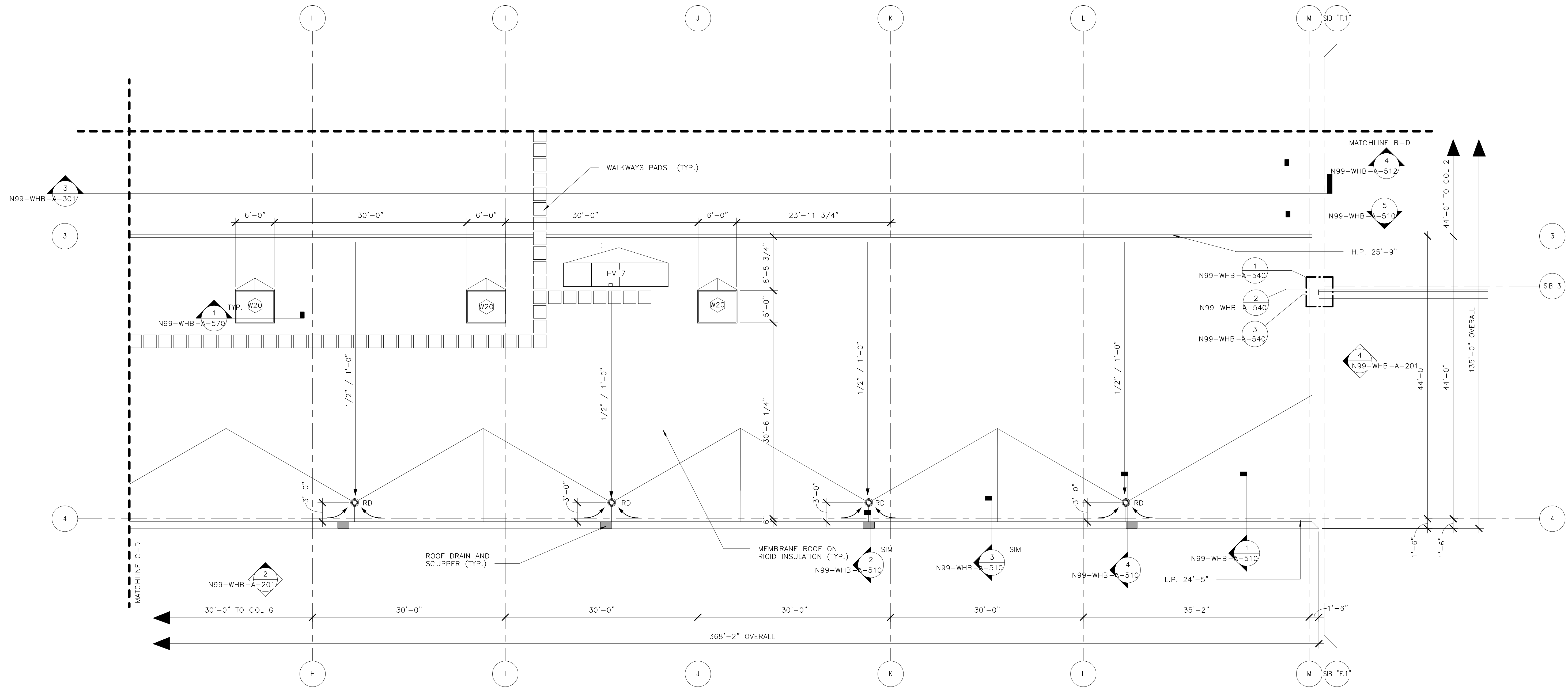
ORIGINATORS	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017
DATE	
C. HOLMES	02/20/2017
DESIGNED	
J. KELLEHER	02/20/2017
CHECKED	
M. GIULIANI	02/20/2017
APPROVED	

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



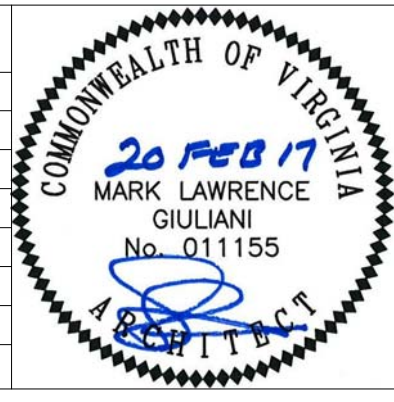
WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>		
<b>WHB - ROOF PLAN - AREA C</b>		
SCALE: 1/8" = 1'=0"	DRAWING NO.: N99-WHB-A-144	

2/15/2017 3:45:22 PM



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

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



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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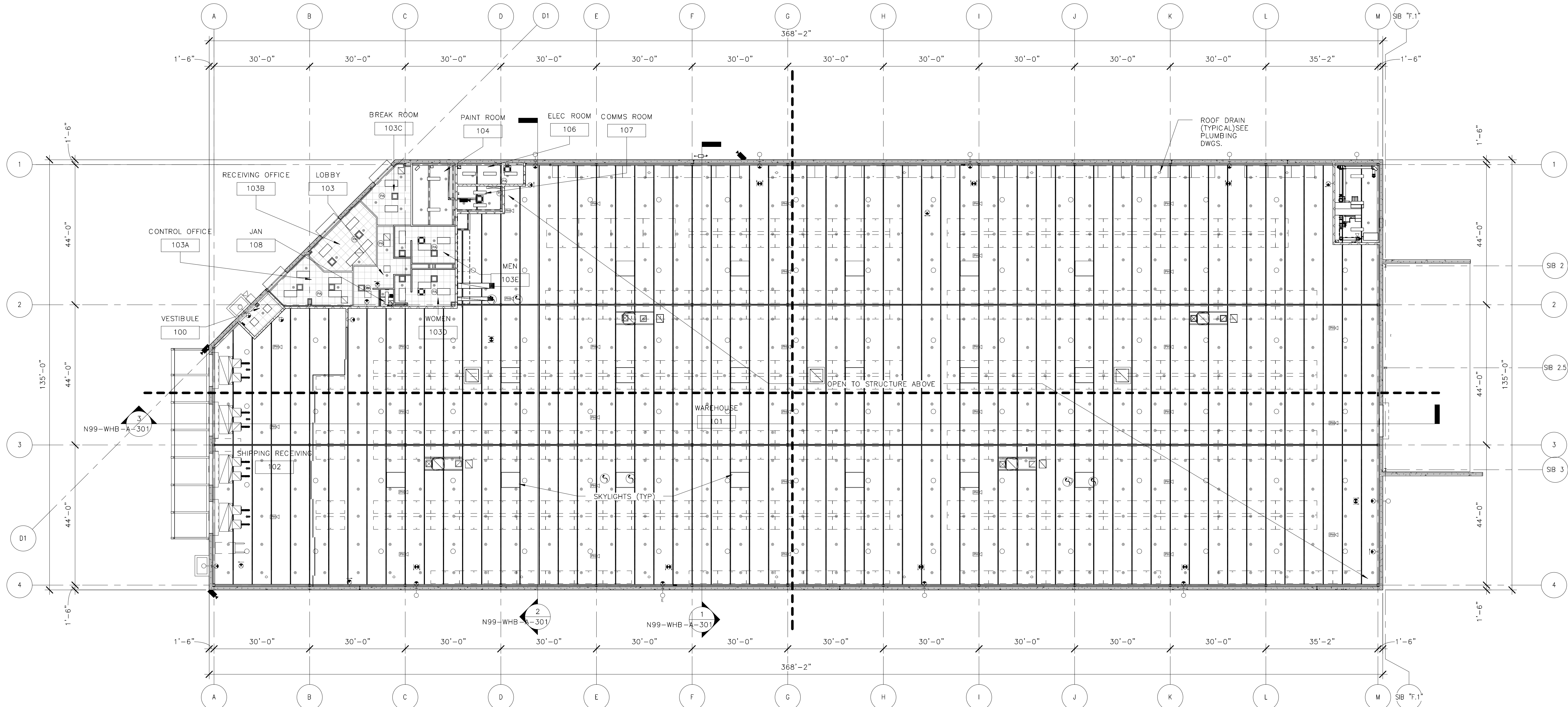
WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>		
<b>WHB - ROOF PLAN - AREA D</b>		
SCALE: 1/8" = 1'=0"	DRAWING NO.: N99-WHB-A-145	

REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

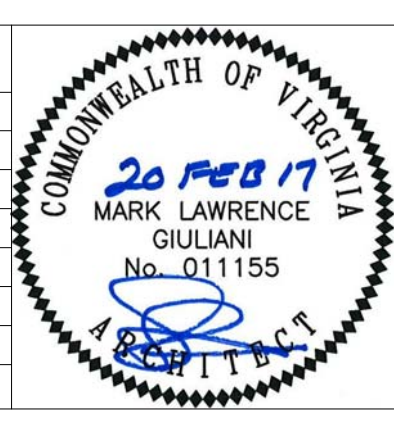
- 1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.
- 2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.		2' X 4' LAY-IN LIGHT FIXTURE		EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.		HVAC DIFFUSER		SMOKE DETECTOR		SPRINKLER HEAD
	2' X 2' SUSPENDED ACOUSTIC PANEL		2' X 2' LAY-IN LIGHT FIXTURE		CCTV		HVAC RETURN		FIRE ALARM		HORN SPEAKER
	EXPOSED METAL DECK		1' X 4' LIGHT FIXTURE		DUCTLESS SPLIT SYTEM A/C UNIT		SLOT DIFFUSER		EXTERIOR LIGHT FIXTURE		SPEAKER
			HIGH BAY LIGHT FIXTURE						SPEAKER STROBE		



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

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



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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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		
WHB - OVERALL FIRST FLOOR REFLECTED CEILING PLAN		
SCALE: 1/16" = 1'-0"	DRAWING NO.: N99-WHB-A-161	

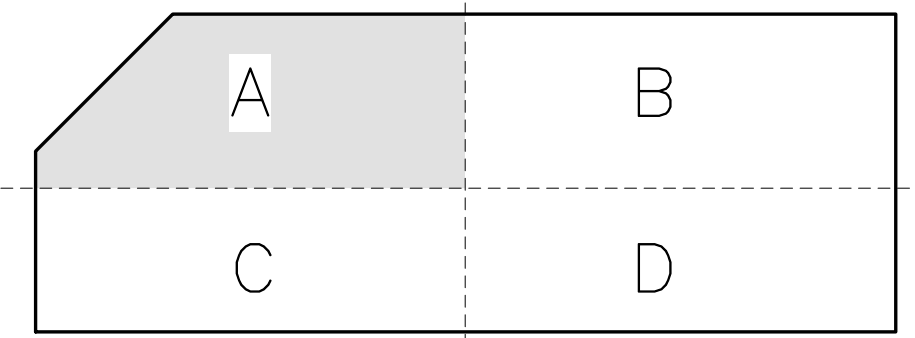
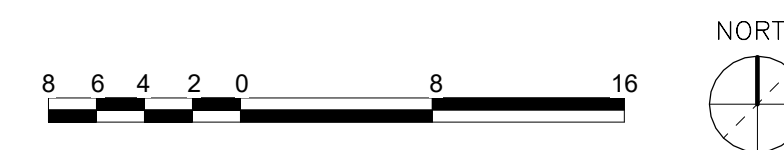
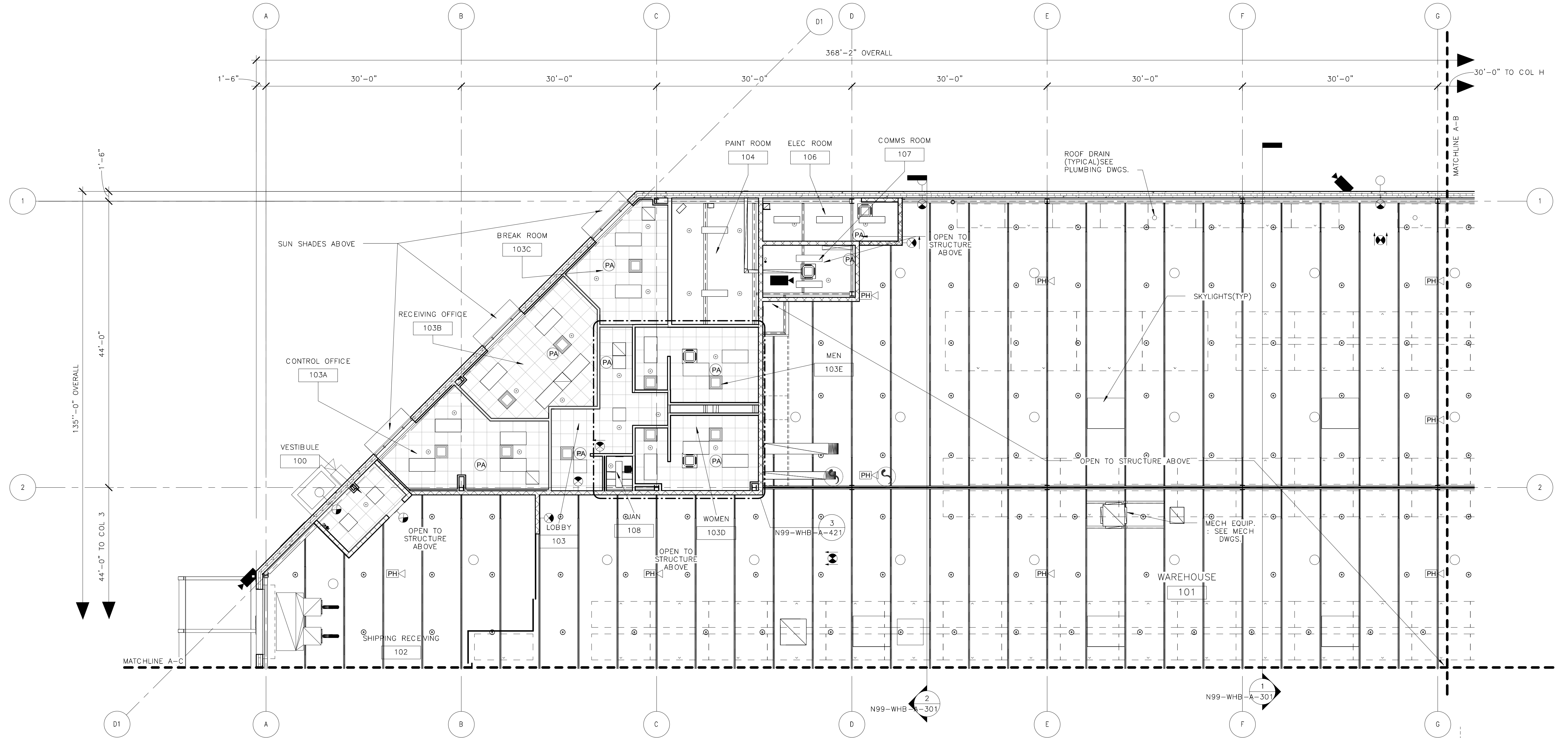
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REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

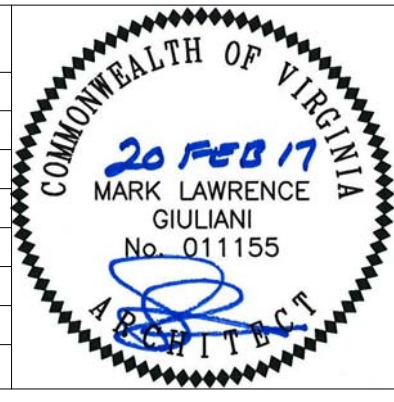
- 1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.
- 2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.	FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.		2' X 4' LAY-IN LIGHT FIXTURE		EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.		HVAC DIFFUSER		SMOKE DETECTOR		SPRINKLER HEAD
	2' X 2' SUSPENDED ACOUSTIC PANEL		2' X 2' LAY-IN LIGHT FIXTURE		CCTV		HVAC RETURN		FIRE ALARM		HORN SPEAKER
	EXPOSED METAL DECK		1' X 4' LIGHT FIXTURE		DUCTLESS SPLIT SYTEM A/C UNIT		SLOT DIFFUSER		EXTERIOR LIGHT FIXTURE		SPEAKER
	HIGH BAY LIGHT FIXTURE								SPEAKER STROBE		



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

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



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - FIRST FLOOR REFLECTED CEILING PLAN - AREA A		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-162	

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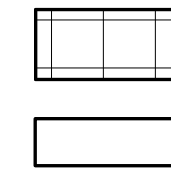


REFLECTED CEILING PLAN NOTES

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.



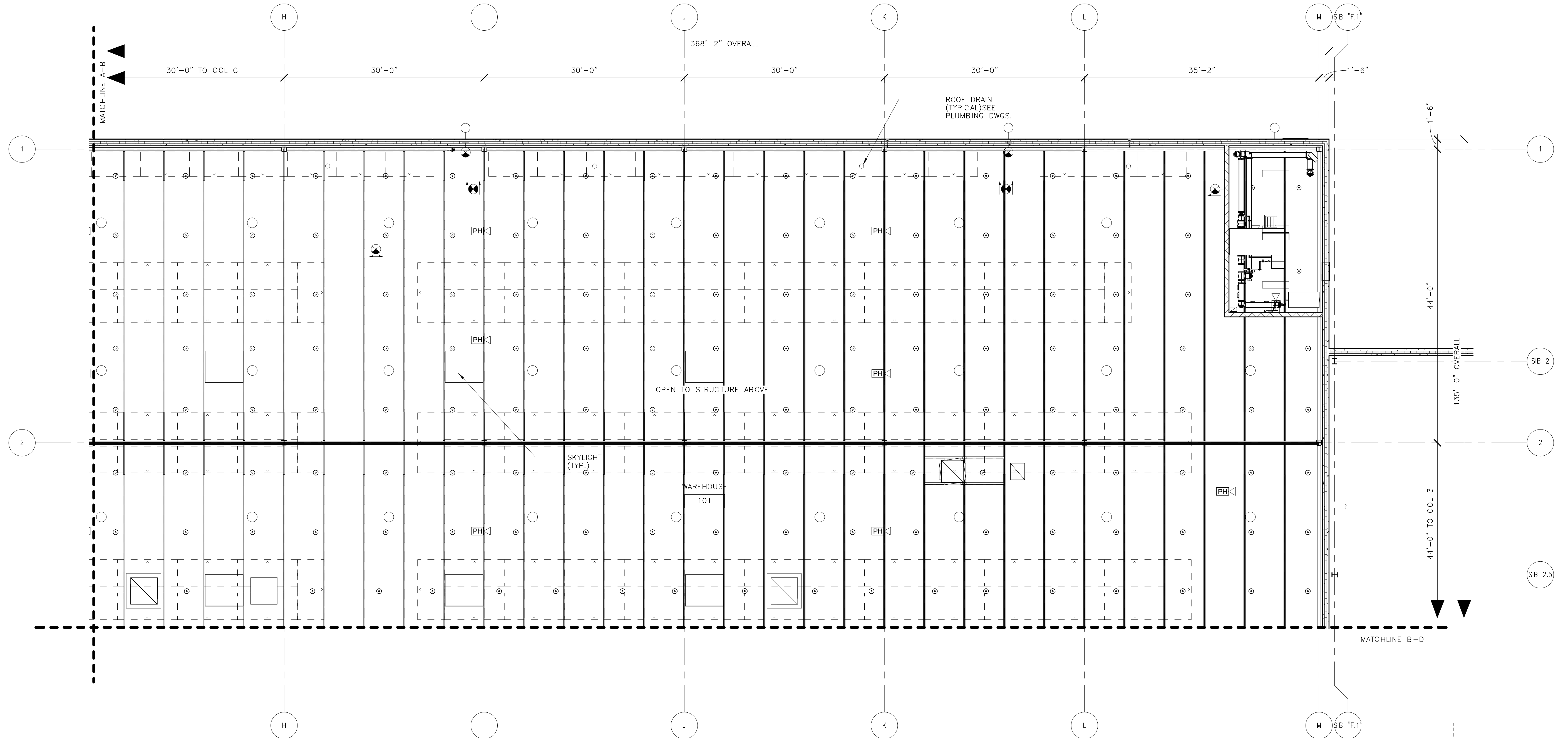
FINISHED CEILING HEIGHT. ALL CEILINGS TO BE 9'-0" TO UNDERSIDE OF SUSPENDED CEILING, UNLESS OTHERWISE NOTED.

- 2' X 4' LAY-IN LIGHT FIXTURE
- 2' X 2' LAY-IN LIGHT FIXTURE
- 1' X 4' LIGHT FIXTURE
- HIGH BAY LIGHT FIXTURE

- EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
- CCTV
- DUCTLESS SPLIT SYTEM A/C UNIT

- HVAC DIFFUSER
- HVAC RETURN
- SLOT DIFFUSER

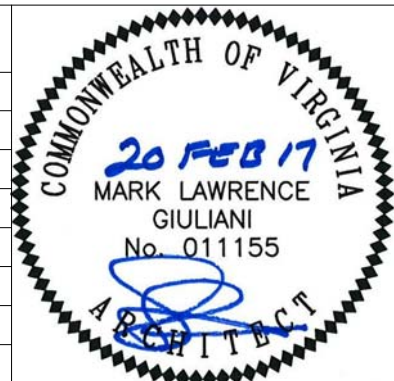
- SMOKE DETECTOR
- FIRE ALARM
- EXTERIOR LIGHT FIXTURE
- SPRINKLER HEAD
- HORN SPEAKER
- SPEAKER
- SPEAKER STROBE



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

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



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		
WHB - FIRST FLOOR REFLECTED CEILING PLAN - AREA B		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-163	

REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

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

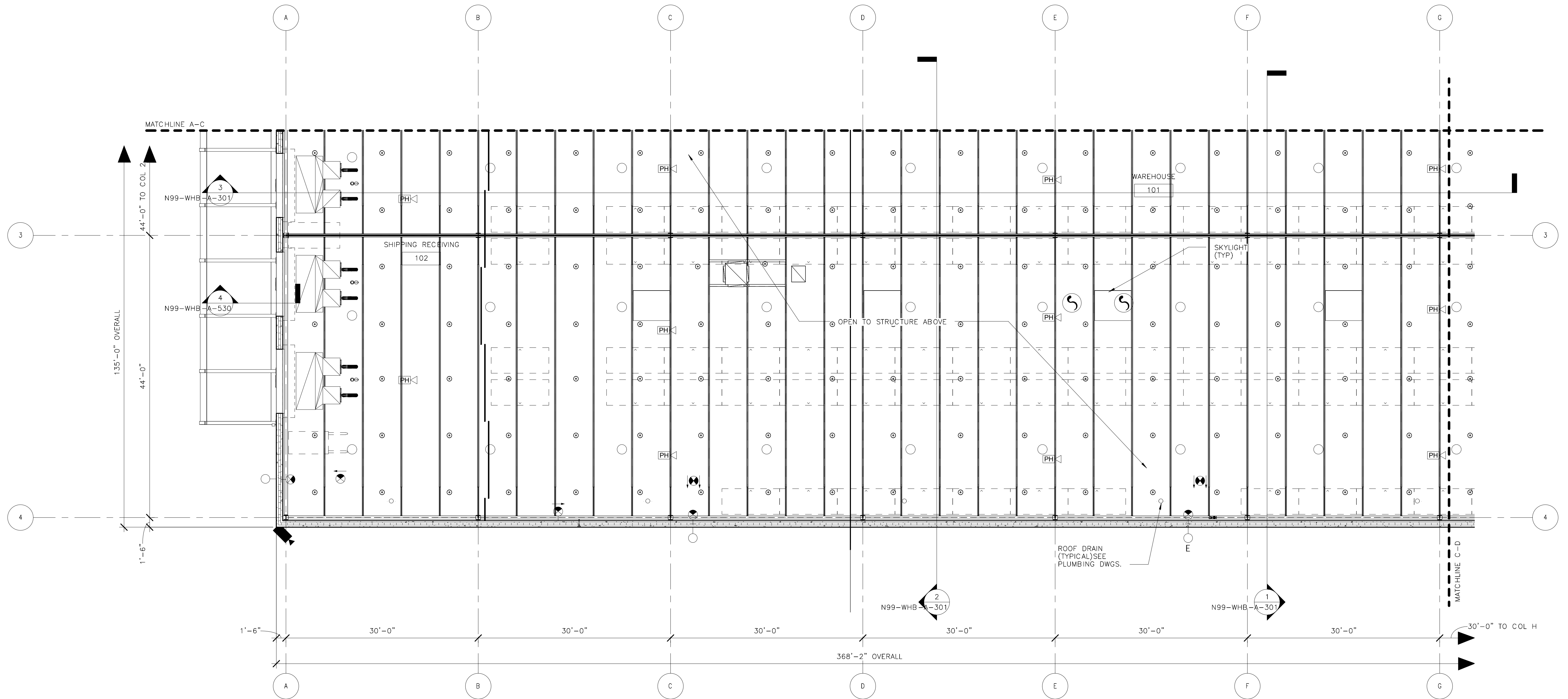
2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

- 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
- 2' X 4' LAY-IN LIGHT FIXTURE
- 2' X 2' LAY-IN LIGHT FIXTURE
- 1' X 4' LIGHT FIXTURE
- HIGH BAY LIGHT FIXTURE
- EXPOSED METAL DECK

- EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
- CCTV
- DUCTLESS SPLIT SYTEM A/C UNIT

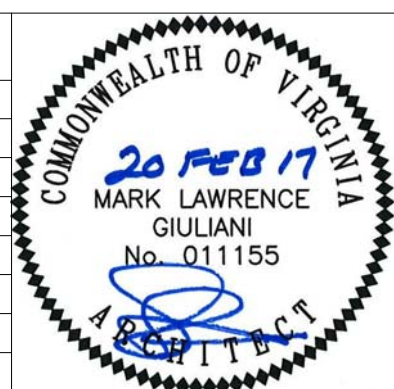
- HVAC DIFFUSER
- HVAC RETURN
- SLOT DIFFUSER
- SMOKE DETECTOR
- FIRE ALARM
- EXTERIOR LIGHT FIXTURE

- SPRINKLER HEAD
- HORN SPEAKER
- SPEAKER
- SPEAKER STROBE



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

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



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - FIRST FLOOR REFLECTED CEILING PLAN - AREA C			
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-164		

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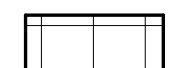
REFLECTED CEILING PLAN NOTES

GENERAL NOTES:

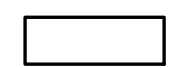
- 1) ALL LIGHT FIXTURES, HVAC TERMINATIONS & SPRINKLER HEADS TO BE LOCATED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS.
- 2) SEE MEP, DOCUMENTS FOR HVAC, LIGHTING, & SPRINKLER SPECIFICATIONS.

9'-0" A.F.F.

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



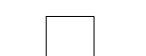
2' X 2' SUSPENDED ACOUSTIC PANEL



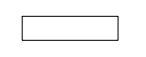
EXPOSED METAL DECK



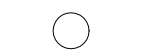
2' X 4' LAY-IN LIGHT FIXTURE



2' X 2' LAY-IN LIGHT FIXTURE



1' X 4' LIGHT FIXTURE



HIGH BAY LIGHT FIXTURE



EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.



CCTV



DUCTLESS SPLIT SYSTEM A/C UNIT



HVAC DIFFUSER



HVAC RETURN



SLOT DIFFUSER



SMOKE DETECTOR



FIRE ALARM



EXTERIOR LIGHT FIXTURE



SPRINKLER HEAD



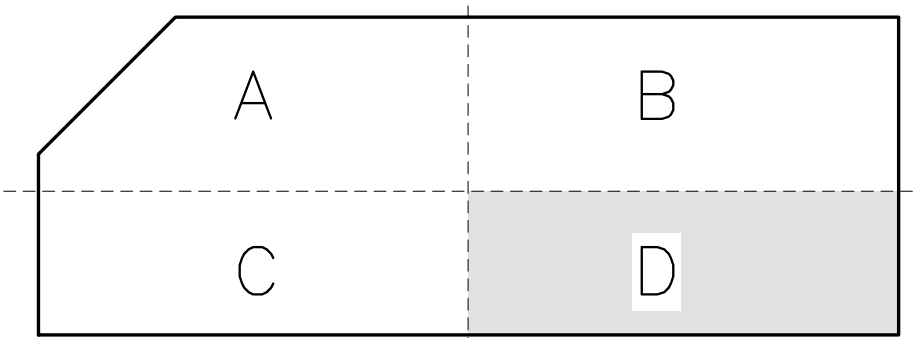
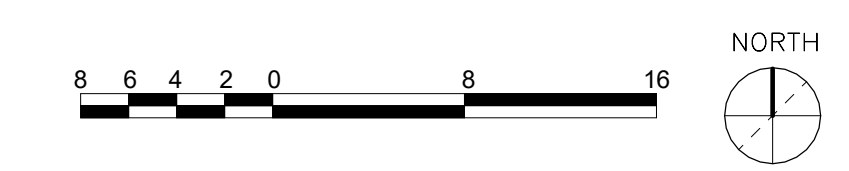
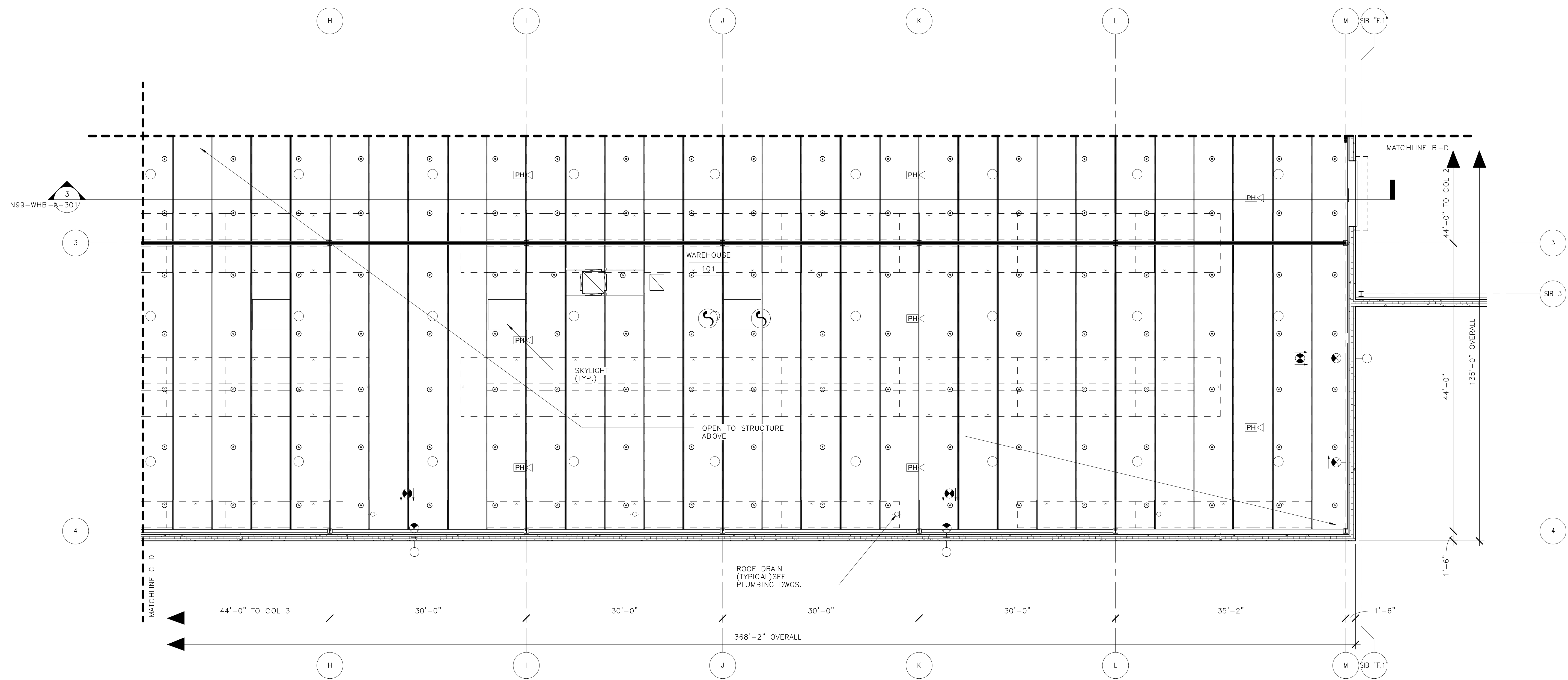
HORN SPEAKER



SPEAKER

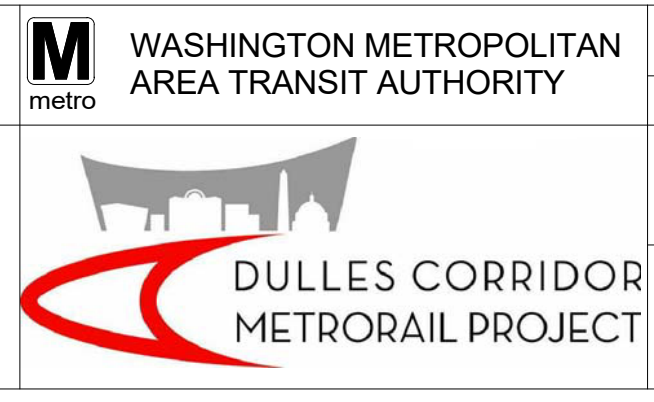
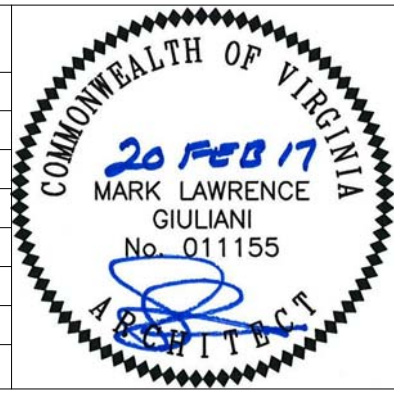


SPEAKER STROBE



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

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



WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - FIRST FLOOR REFLECTED CEILING PLAN - AREA D		
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-A-165	

2/15/2017 3:46:46 PM

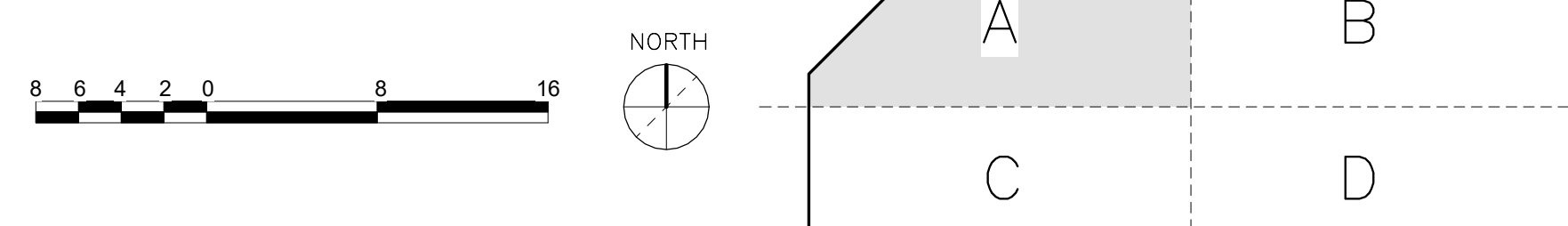
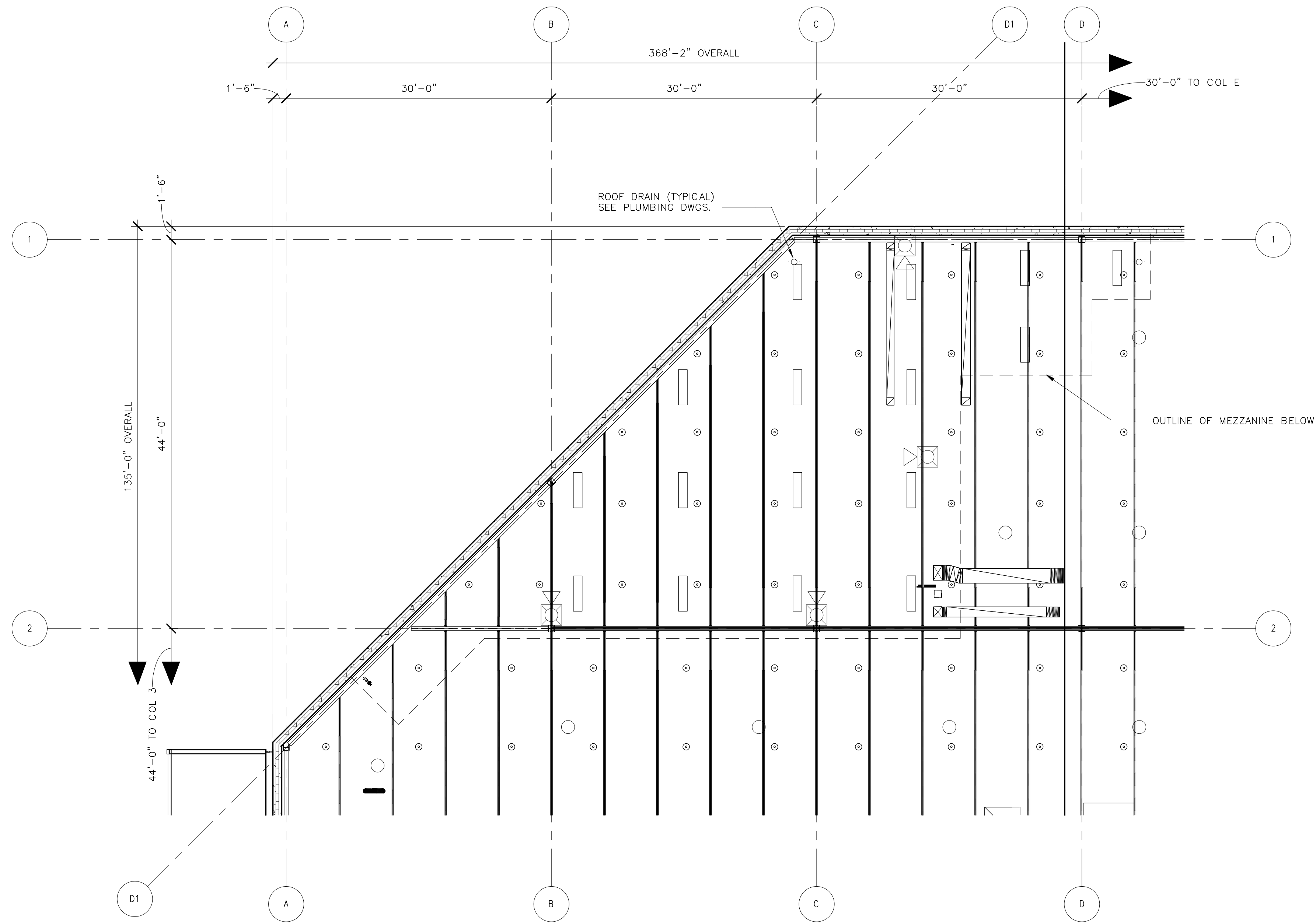
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## REFLECTED CEILING PLAN NOTES

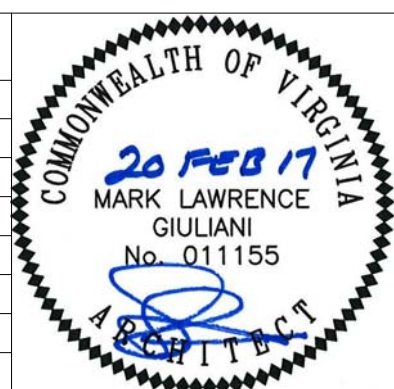
**GENERAL NOTES:**

- 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 4' LAY-IN LIGHT FIXTURE		EMERGENCY EXIT SIGN - SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.		HVAC DIFFUSER		SMOKE DETECTOR		SPRINKLER HEAD
	2' X 2' SUSPENDED ACOUSTIC PANEL		2' X 2' LAY-IN LIGHT FIXTURE		CCTV		HVAC RETURN		FIRE ALARM		HORN SPEAKER
	EXPOSED METAL DECK		1' X 4' LIGHT FIXTURE		DUCTLESS SPLIT SYTEM A/C UNIT		SLOT DIFFUSER		EXTERIOR LIGHT FIXTURE		SPEAKER
			HIGH BAY LIGHT FIXTURE						SPEAKER STROBE		



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	DRAWN								
C. HOLMES	02/20/2017	DESIGNED								
J. KELLEHER	02/20/2017	CHECKED								
M. GIULIANI	02/20/2017	APPROVED								
			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG	



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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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

RAIL YARD AND MAINTENANCE FACILITY

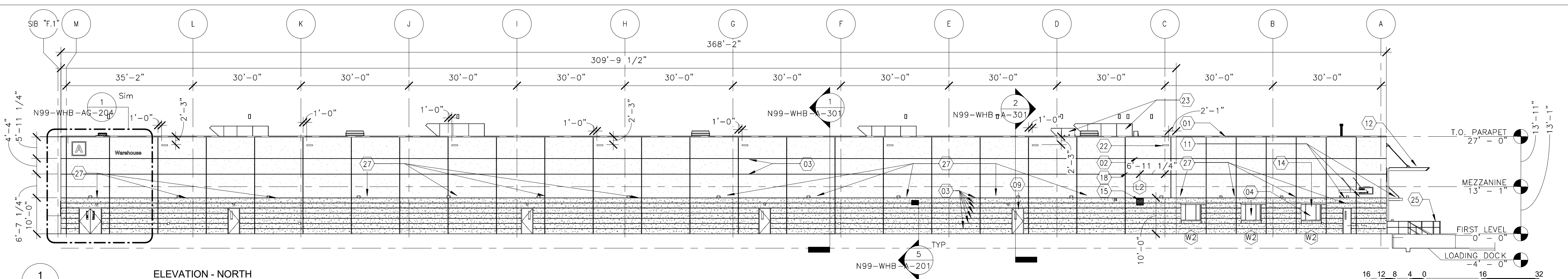
WHB - MEZZANINE REFLECTED CEILING PLAN

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

DRAWING NO.: N99-WHB-A-171

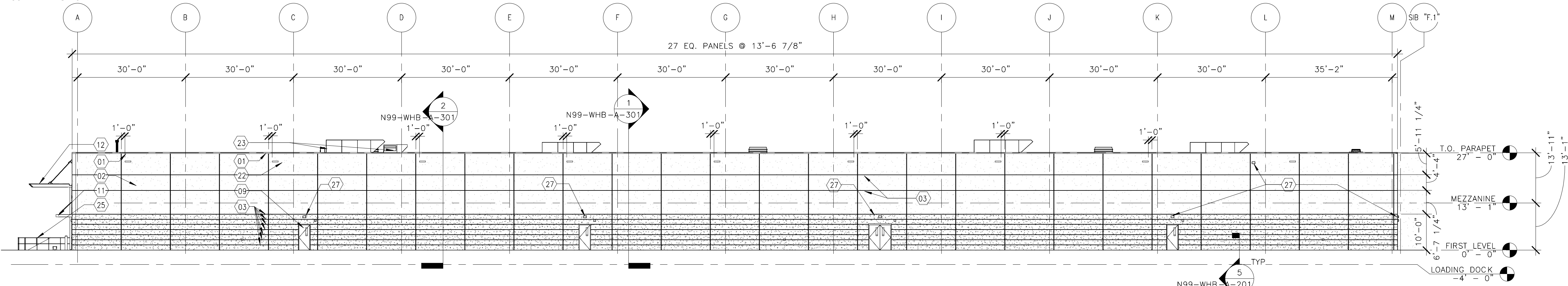
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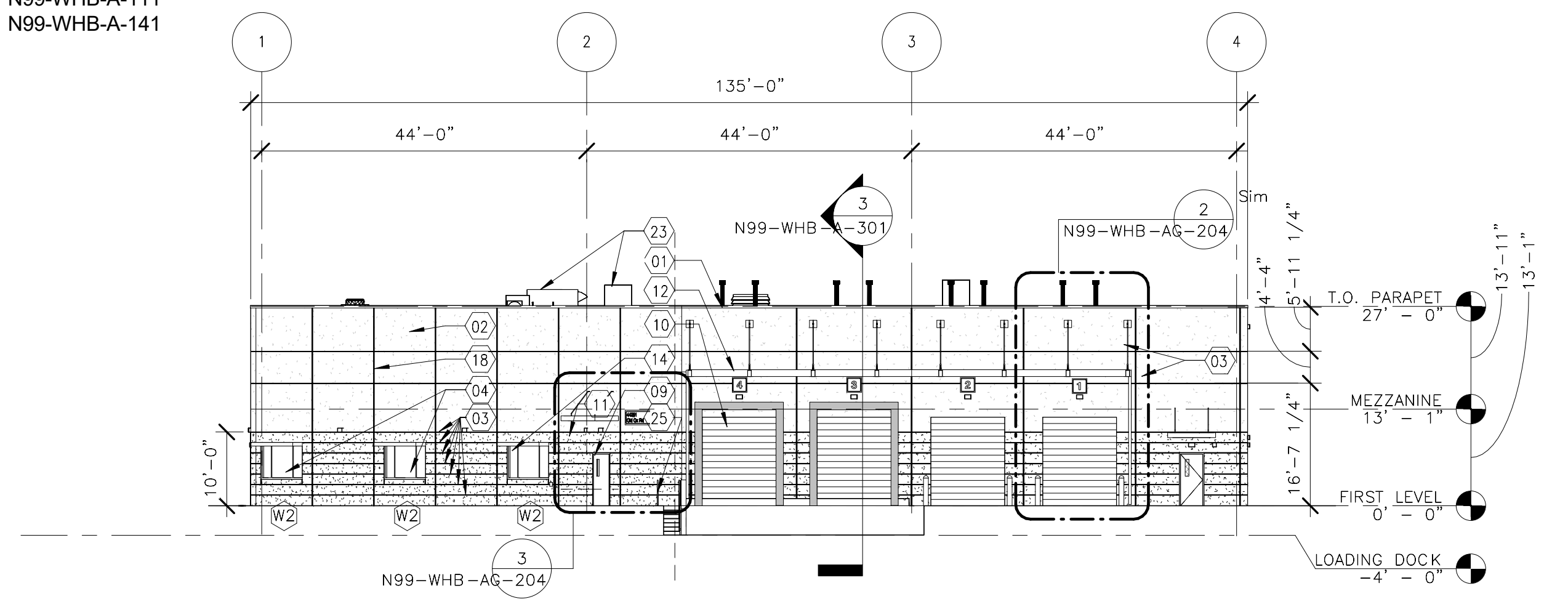
**1** ELEVATION - NORTH  
1/16" = 1'-0"

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N99-WHB-A-111  
N99-WHB-A-141  
N99-WHB-AG-204



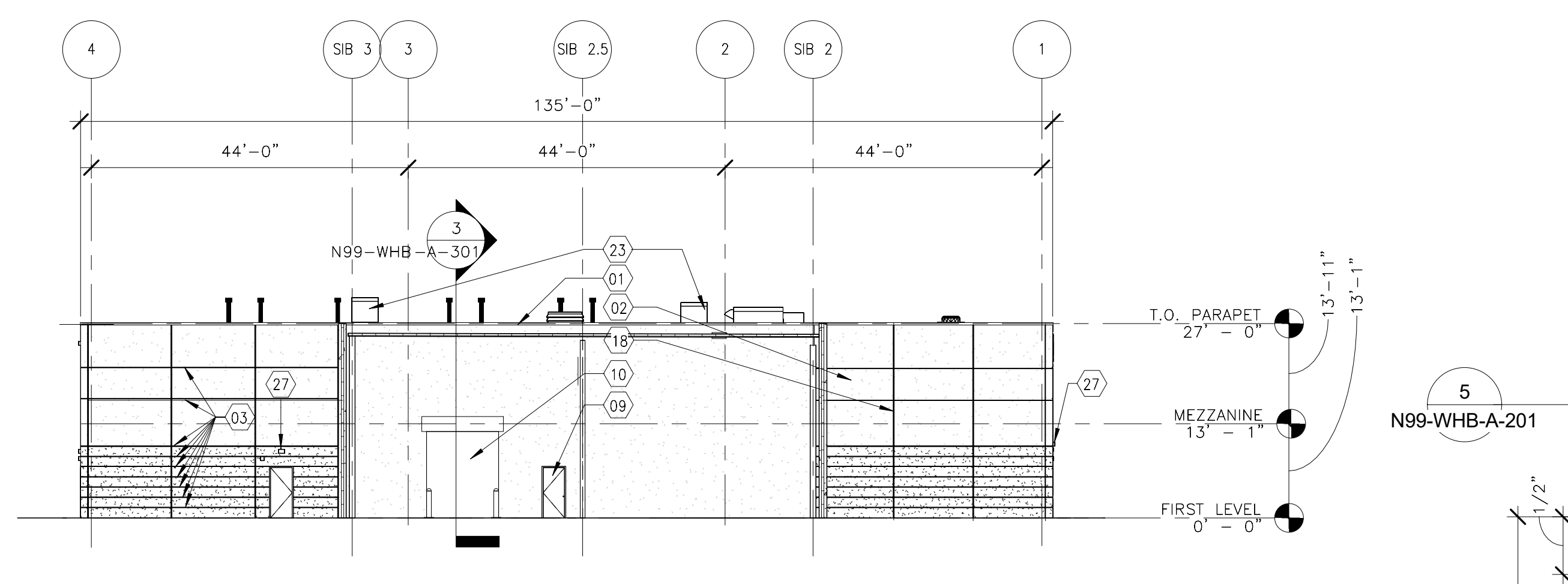
**2** ELEVATION - SOUTH  
1/16" = 1'-0"

N99-WHB-A-201  
N99-WHB-A-111  
N99-WHB-A-141



**3** ELEVATION - WEST  
1/16" = 1'-0"

N99-WHB-A-201  
N99-WHB-A-111  
N99-WHB-A-141



**4** ELEVATION - EAST  
1/16" = 1'-0"

N99-WHB-A-201  
N99-WHB-A-111  
N99-WHB-A-141

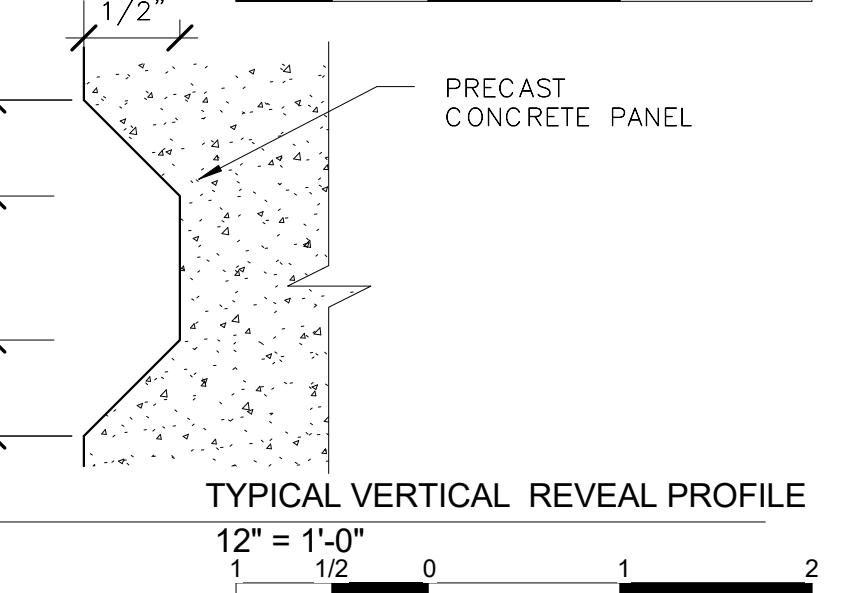
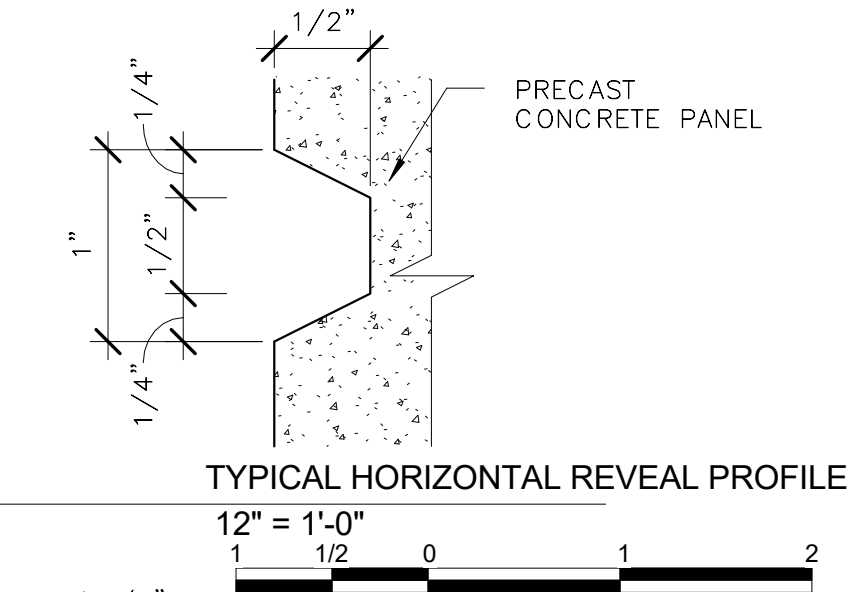
**ELEVATION KEYNOTES**

- 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 6/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 KYMAR 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 KYMAR FINISH TO MATCH PRECAST (TYPICAL) 4" HIGH BY 20" WIDE RTU-SEE MECHANICAL DWG'S (TYPICAL)
- 23) 7 5/8" X 7 5/8" X 15 5/8" CMU - BLOCK PAINTED (TYPICAL)
- 24) FIXED GUARD RAIL SYSTEM FOR FALL PROTECTION (19" SPHERE) COLOR TO BE SAFETY YELLOW (TYPICAL)
- 25) ROOF HATCH
- 26) EXTERIOR LIGHTING

**FINISHES**

- CONC-1
- CONC-2

NOTE : SEE FINISH SAMPLES BINDER FOR FINISH INFORMATION  
NOTE: ALL ELEVATION NOTES ARE TYPICAL FOR ALL ELEVATION UNLESS OTHERWISE NOTICED

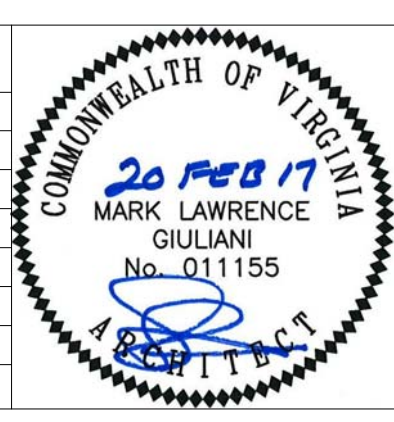


**ORIGINATORS**

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

**REFERENCE DRAWINGS**

NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
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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

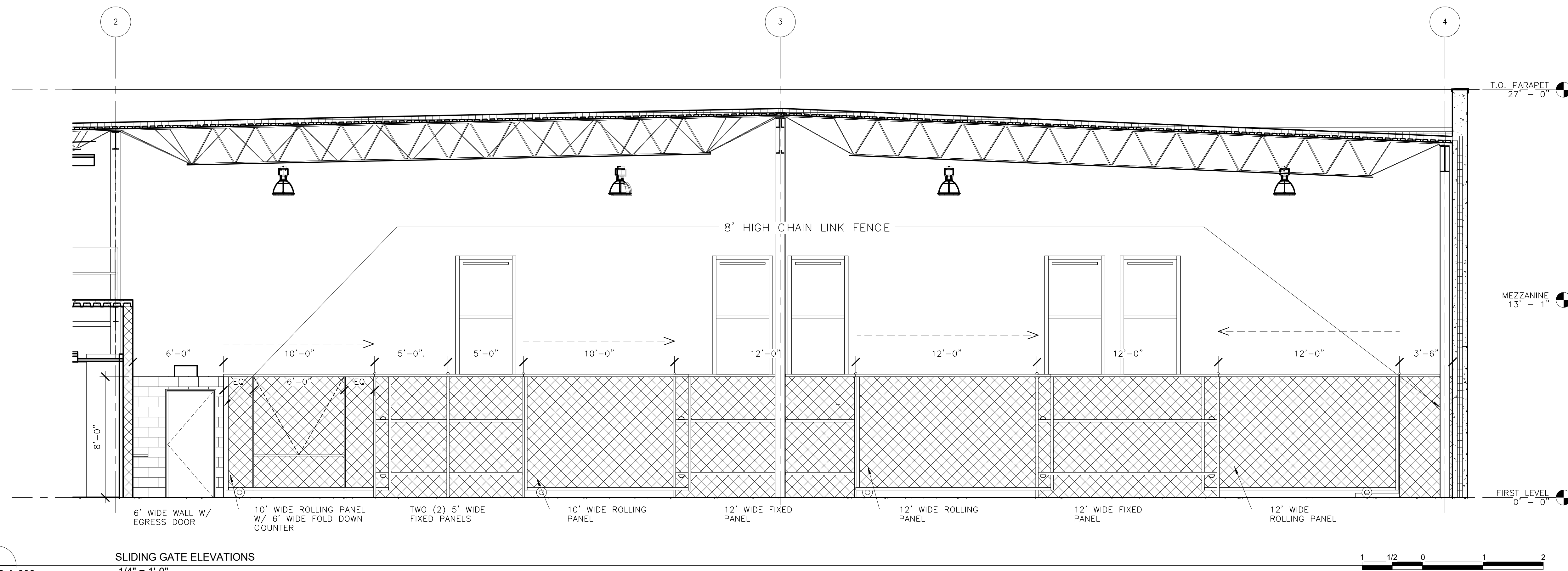
**RAIL YARD AND MAINTENANCE FACILITY**

**WHB - BUILDING EXTERIOR ELEVATIONS**

SCALE: AS NOTED DRAWING NO.: N99-WHB-A-201

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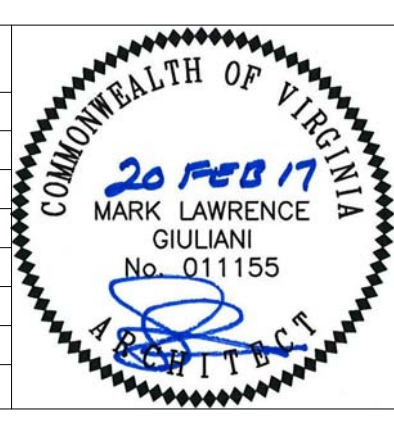
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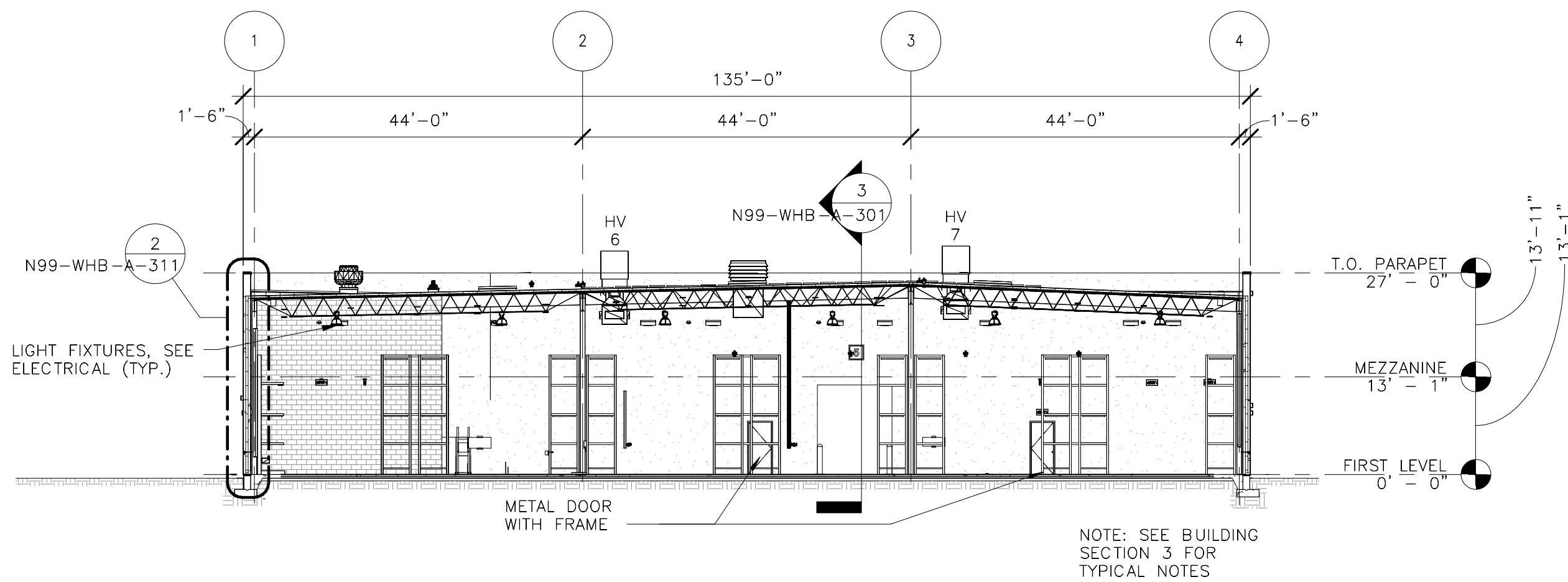
1  
N99-WHB-A-202  
N99-WHB-A-111  
SLIDING GATE ELEVATIONS  
1/4" = 1'-0"

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



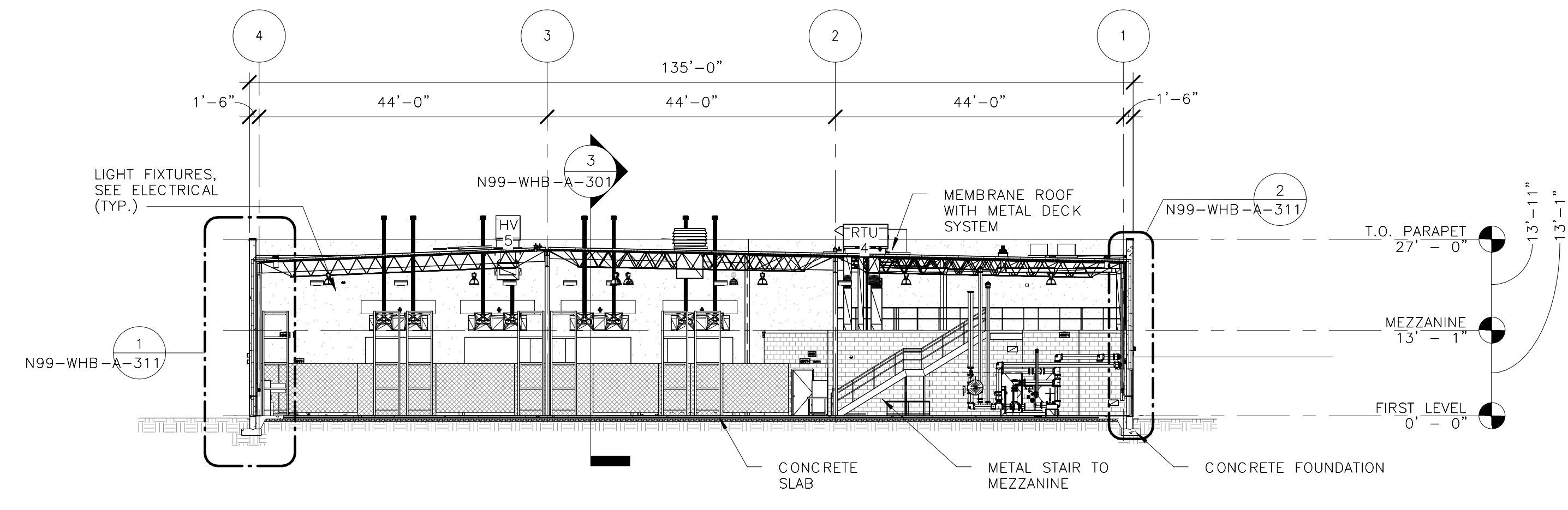
 METROPOLITAN WASHINGTON AIRPORTS AUTHORITY	 <b>HENSEL PHELPS</b> Plan. Build. Manage.	 WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009 <b>RAIL YARD AND MAINTENANCE FACILITY</b> WHB - SLIDING DOOR ELEVATION	CONTRACT NO.: <b>8-14-C001</b>
 <b>giuliani</b> ASSOCIATES ARCHITECTS	 DULLES CORRIDOR METRORAIL PROJECT	SCALE: <b>1/4" = 1'-0"</b>	DRAWING NO.: <b>N99-WHB-A-202</b>	



**1**  
N99-WHB-A-301  
N99-WHB-A-111  
N99-WHB-A-141  
N99-WHB-A-161

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

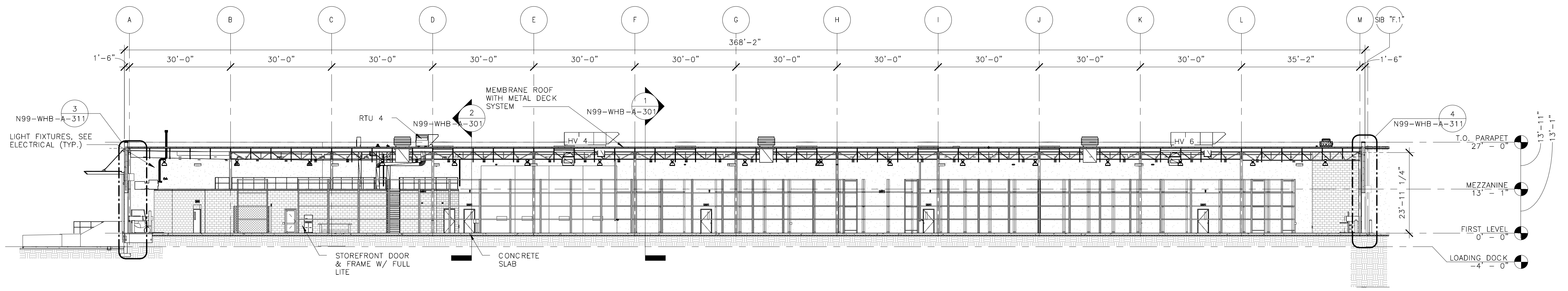
16 12 8 4 0 16 32



**2**  
N99-WHB-A-301  
N99-WHB-A-111  
N99-WHB-A-141  
N99-WHB-A-161

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

16 12 8 4 0 16 32



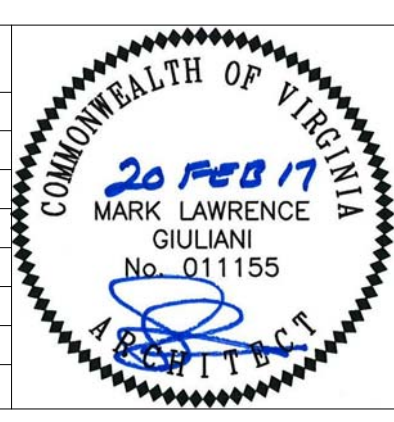
**3**  
N99-WHB-A-301  
N99-WHB-A-111  
N99-WHB-A-141  
N99-WHB-A-161

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

16 12 8 4 0 16 32

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



**giuliani**  
ASSOCIATES ARCHITECTS

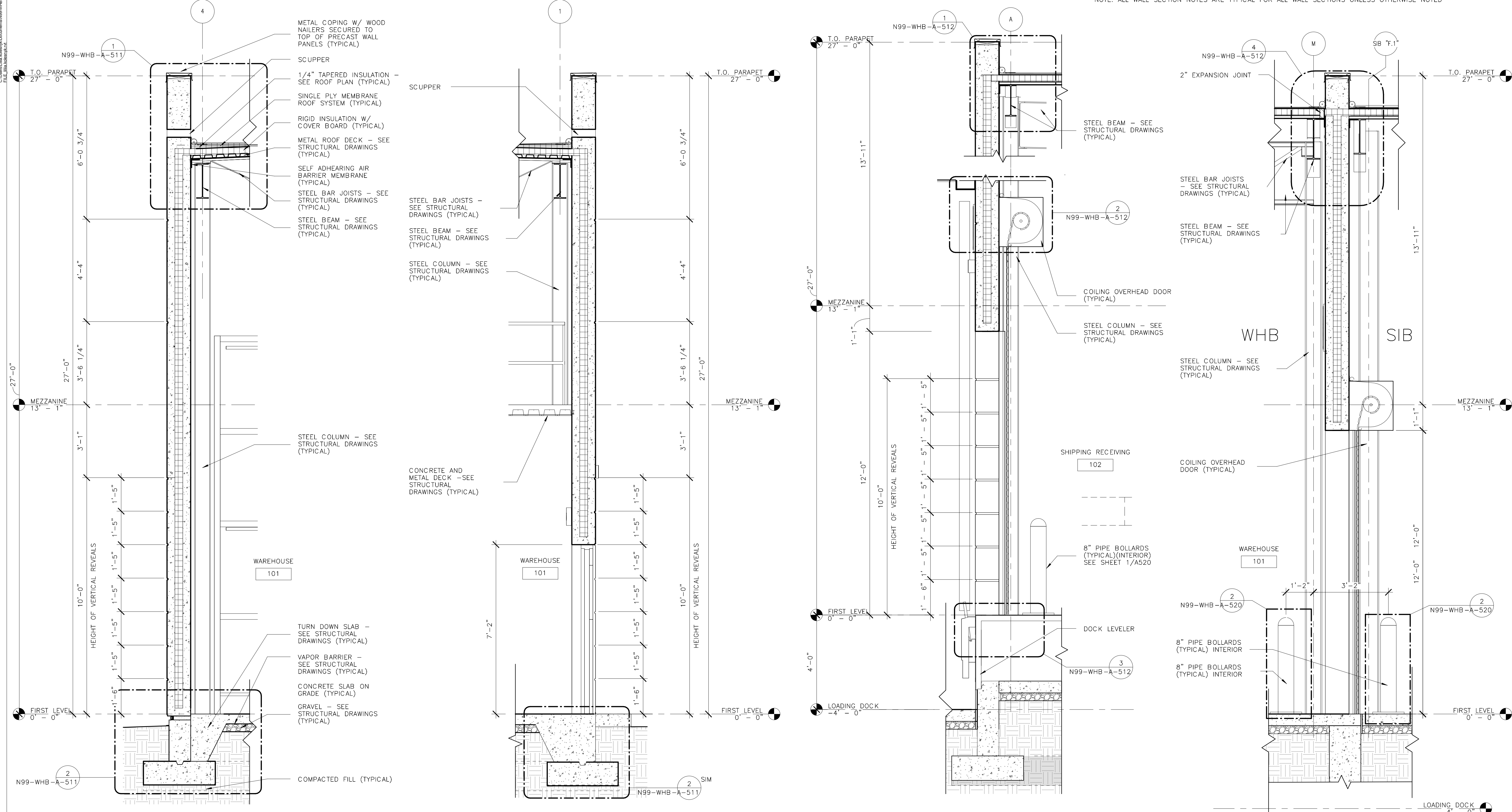
**HENSEL PHELPS**  
Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRORAIL PROJECT

WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>		
<b>WHB - BUILDING THROUGH SECTIONS</b>		
SCALE: 1/16" = 1'-0"	DRAWING NO.: N99-WHB-A-301	

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



**1** WALL SECTION 1  
 N99-WHB-A-311  
 N99-WHB-A-301  
 N99-WHB-A-141  
 1/2" = 1'-0"  
 2 1 0 2 4

**2** WALL SECTION 2  
 N99-WHB-A-311  
 N99-WHB-A-301  
 N99-WHB-A-112  
 1/2" = 1'-0"  
 2 1 0 2 4

**3** WALL SECTION 3  
 N99-WHB-A-311  
 N99-WHB-A-301  
 N99-WHB-A-112  
 N99-WHB-A-113  
 1/2" = 1'-0"  
 2 1 0 2 4

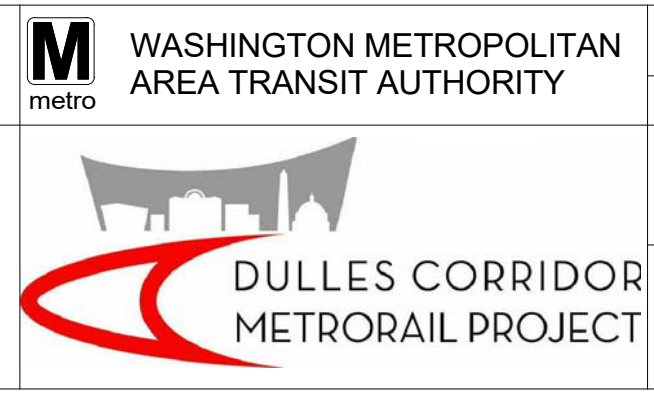
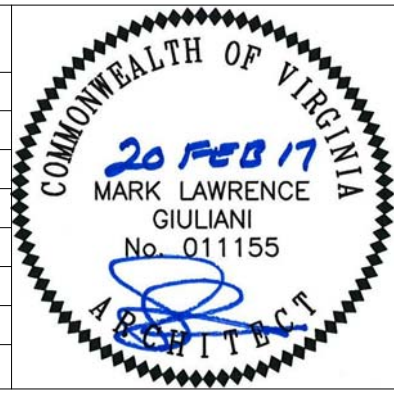
**4** WALL SECTION 4  
 N99-WHB-A-311  
 N99-WHB-A-301  
 N99-WHB-A-113  
 1/2" = 1'-0"  
 2 1 0 2 4

ORIGINATORS

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

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

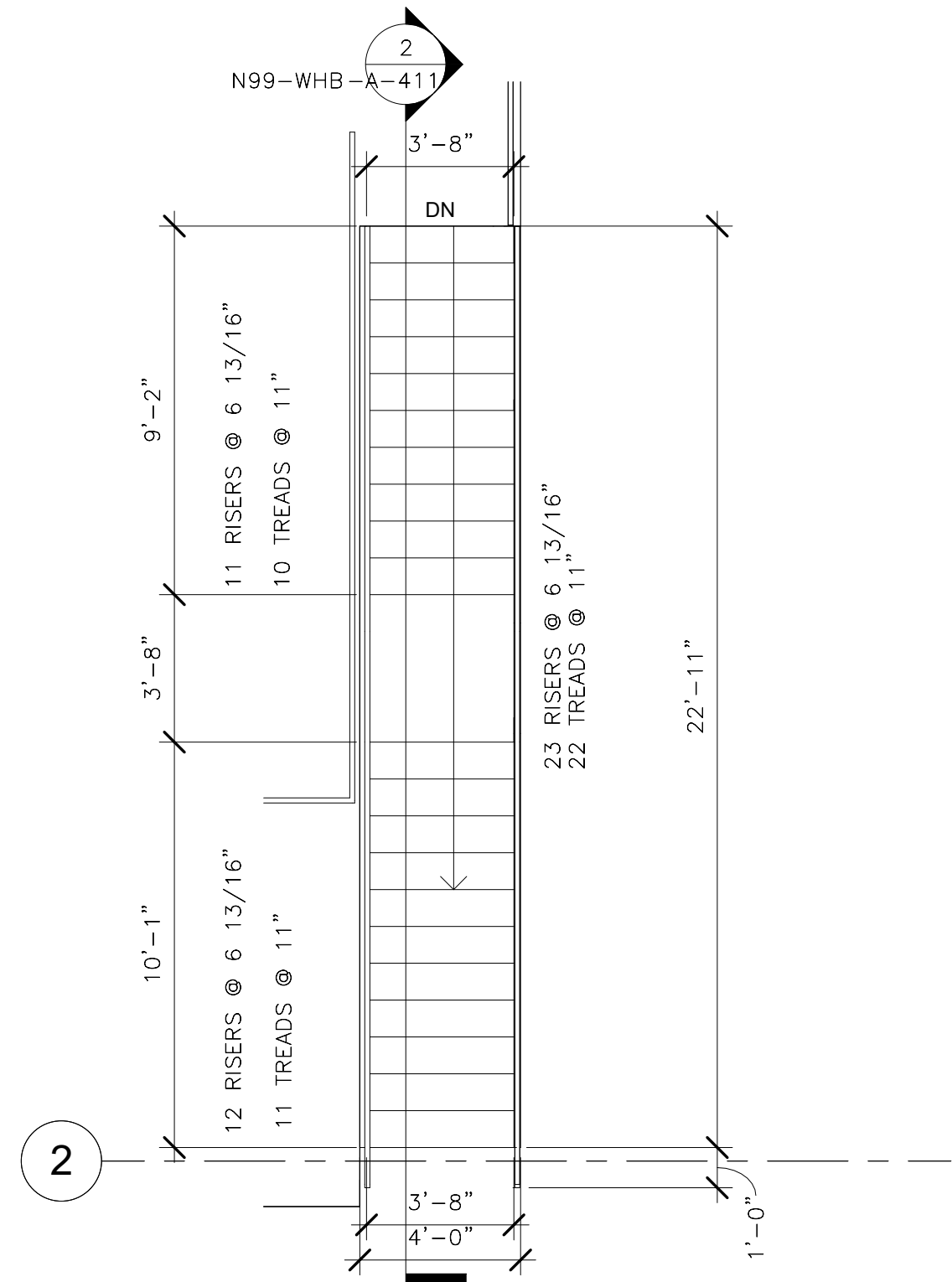


WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - WALL SECTIONS		
SCALE: 1/2" = 1'-0"	DRAWING NO.: N99-WHB-A-311	

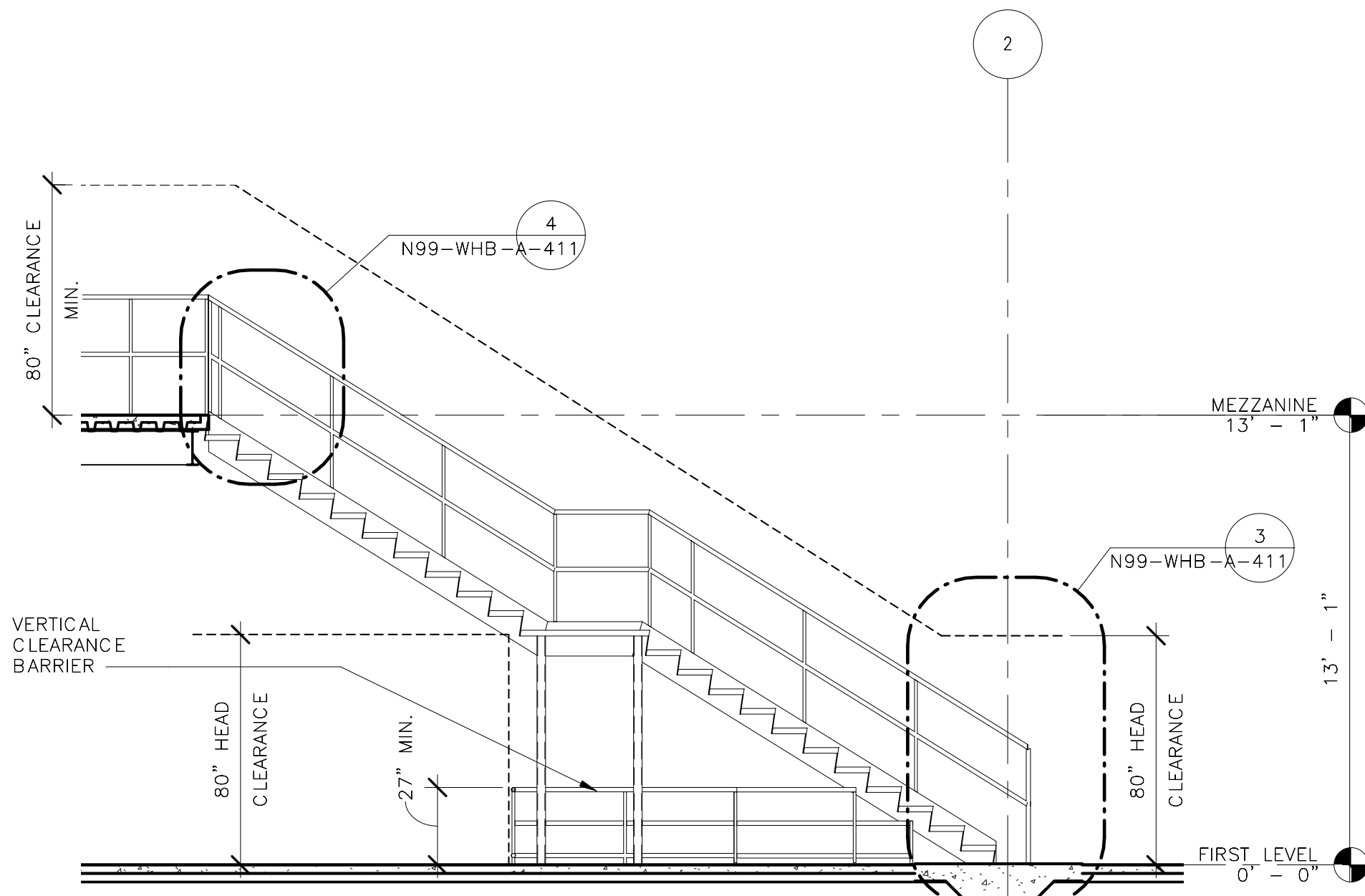
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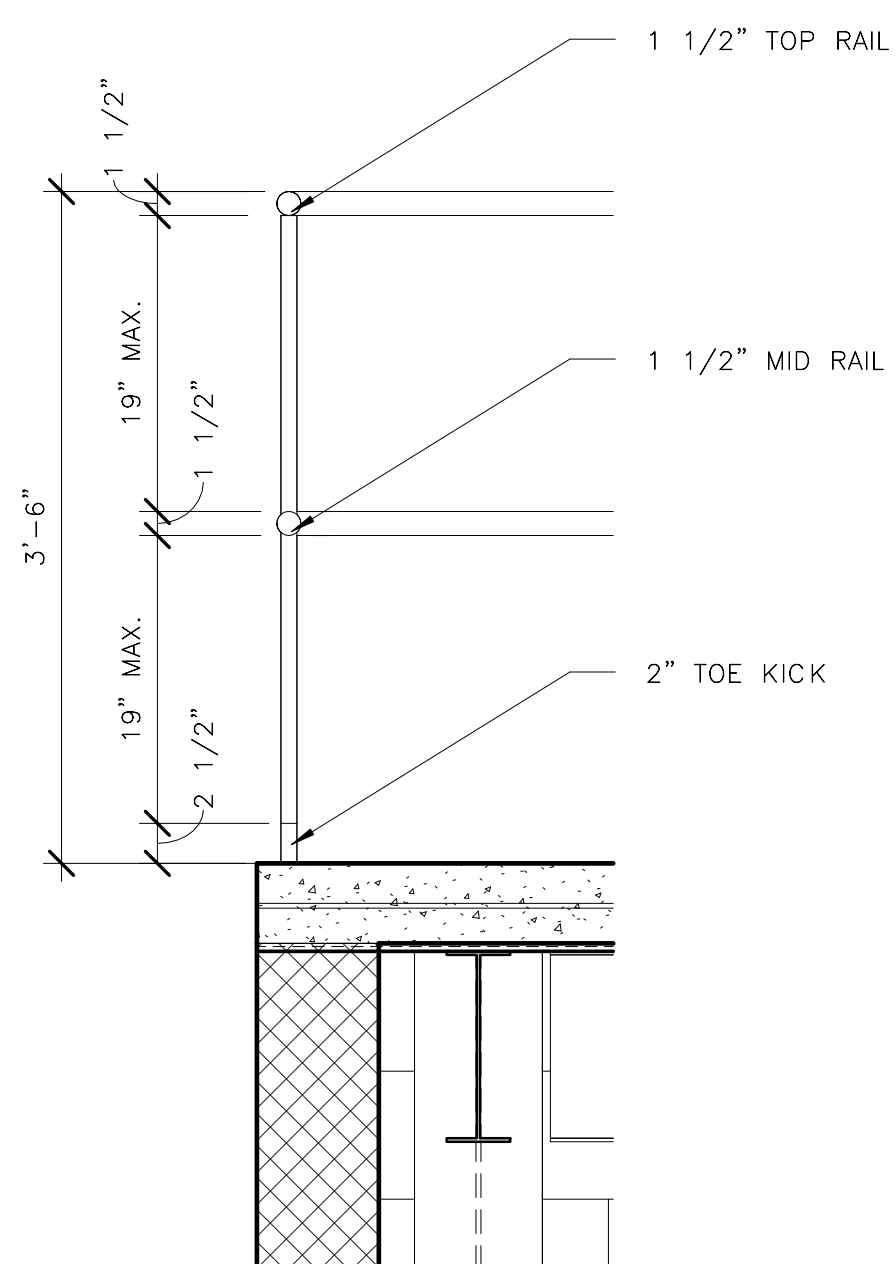
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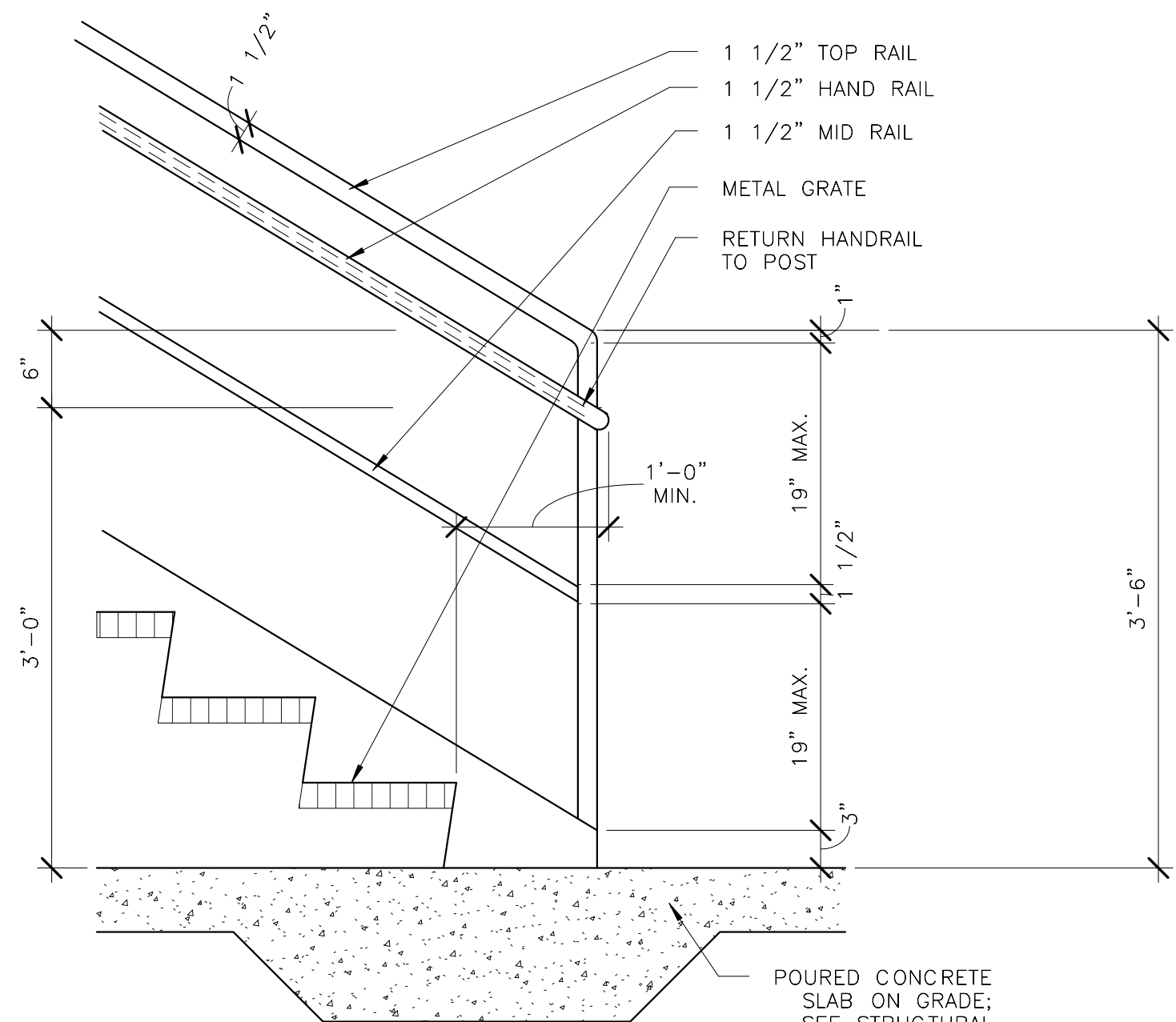
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N99-WHB-A-411  
N99-WHB-A-112  
1/4" = 1'-0"  
Scale: 1 4 3 2 1 0 4 8



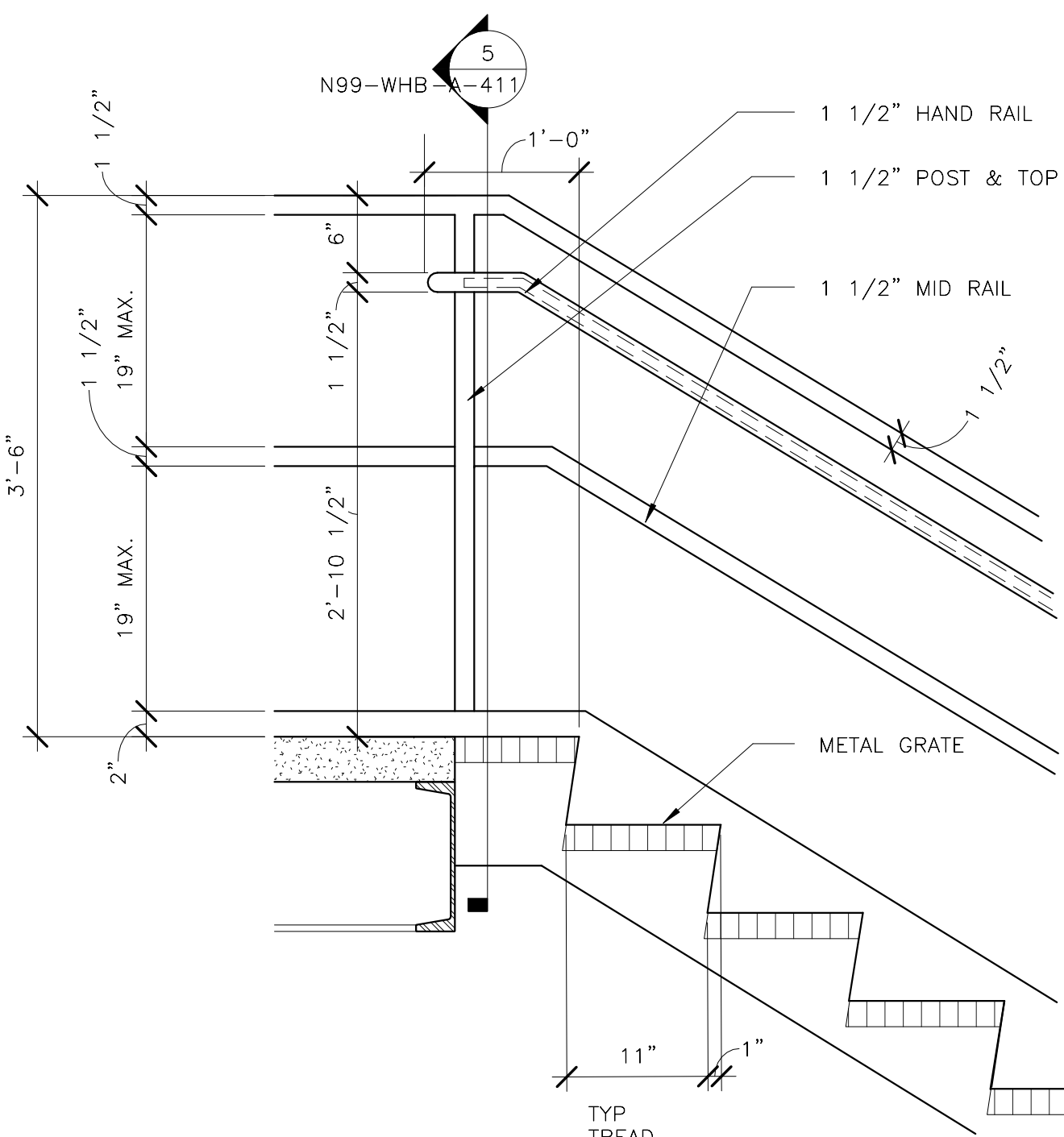
2 MEZZANINE STAIRS SECTION  
N99-WHB-A-411  
1/4" = 1'-0"  
Scale: 1 4 3 2 1 0 4 8



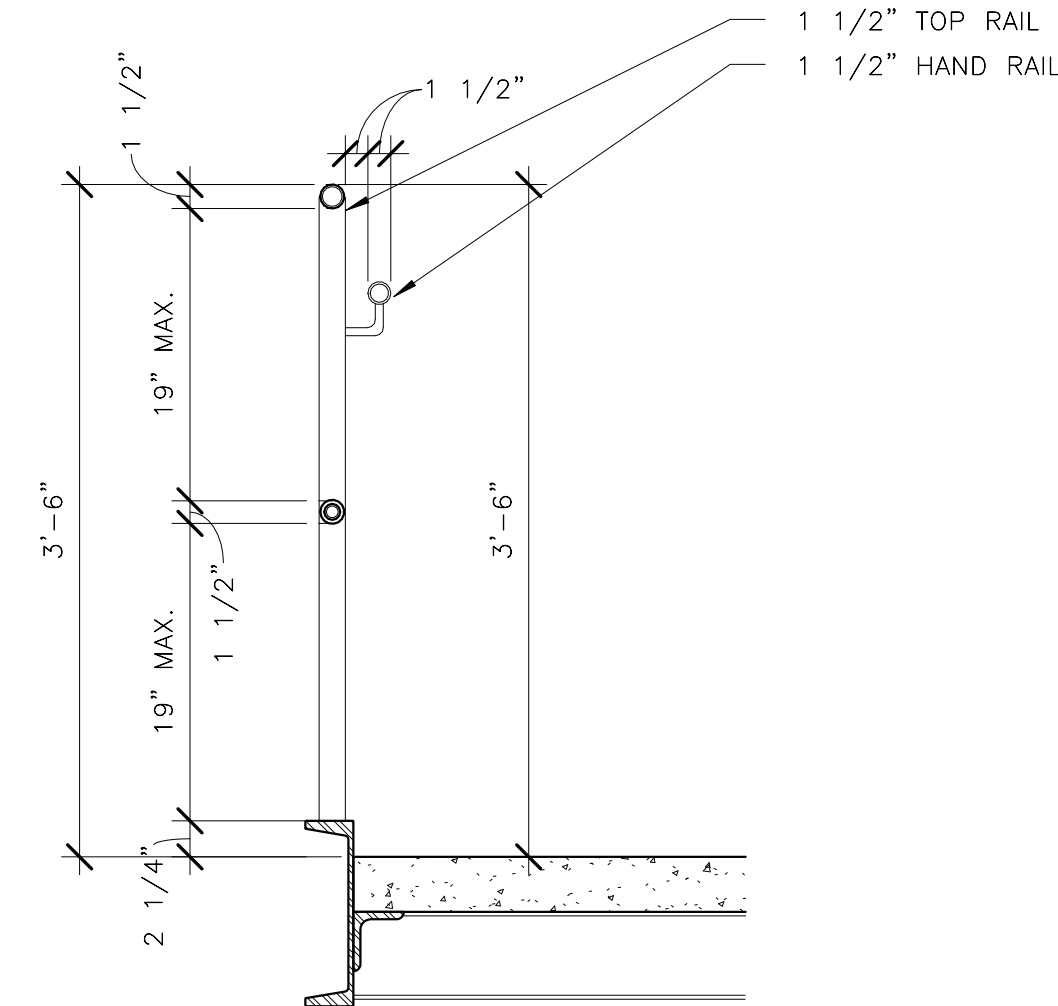
6 MEZZANINE GUARD RAIL SECTION  
N99-WHB-A-411  
1" = 1'-0"  
Scale: 1 1/2 0 1 2



3 METAL STAIRS BOTTOM LANDING  
N99-WHB-A-411  
1" = 1'-0"  
Scale: 1 1/2 0 1 2

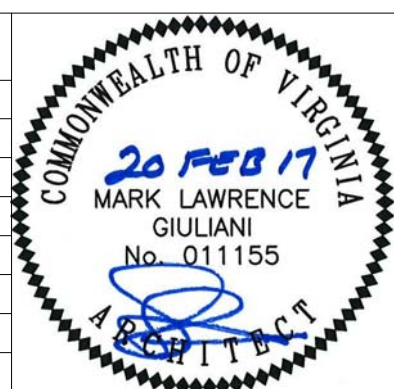


4 METAL STAIRS TOP LANDING  
N99-WHB-A-411  
1" = 1'-0"  
Scale: 1 1/2 0 1 2



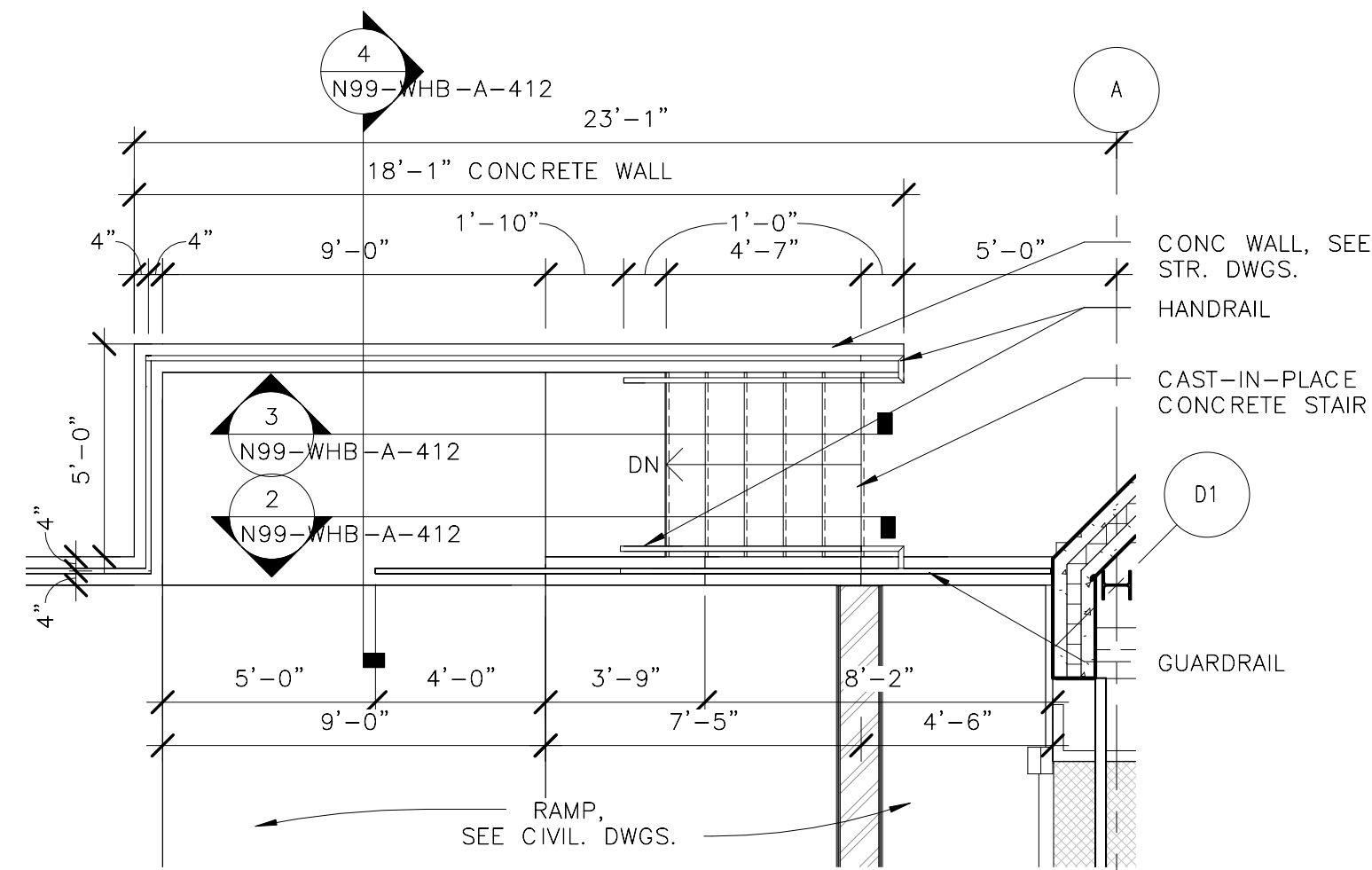
5 METAL STAIRS SECTION - RAILING  
N99-WHB-A-411  
1" = 1'-0"  
Scale: 1 1/2 0 1 2

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
C. HOLMES	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									

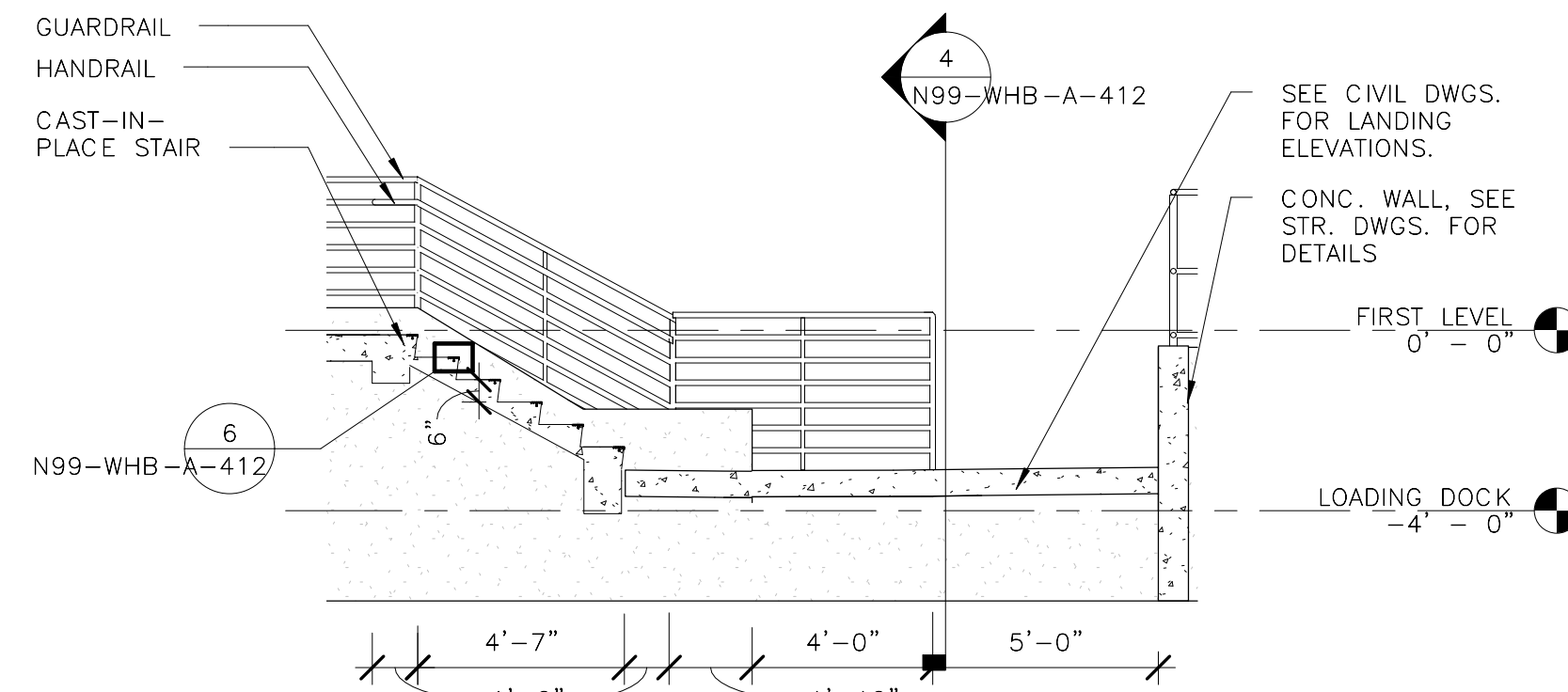


				WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY						
WHB - ENLARGED STAIR PLANS AND SECTIONS						
						SCALE: AS NOTED
				DRAWING NO.: N99-WHB-A-411		

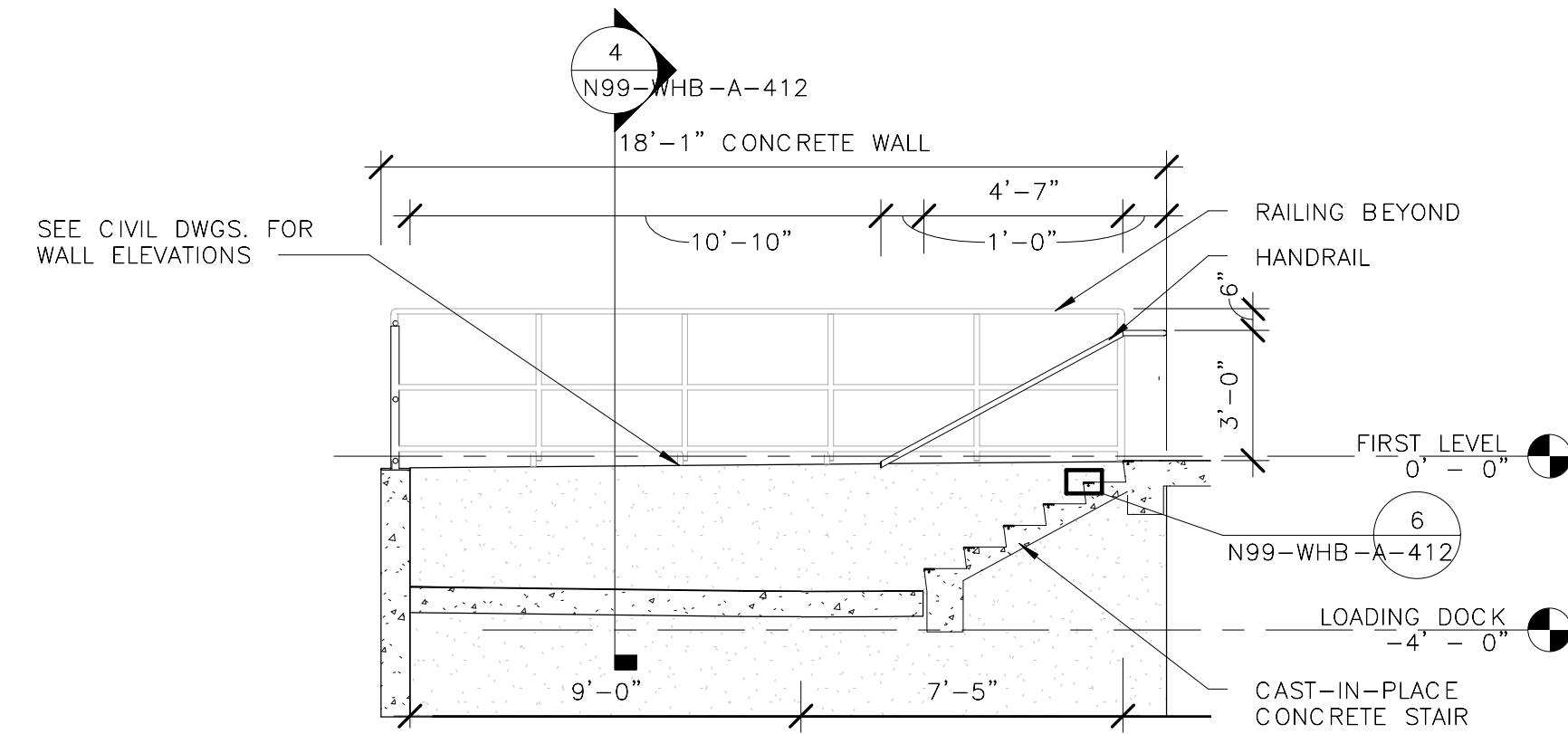
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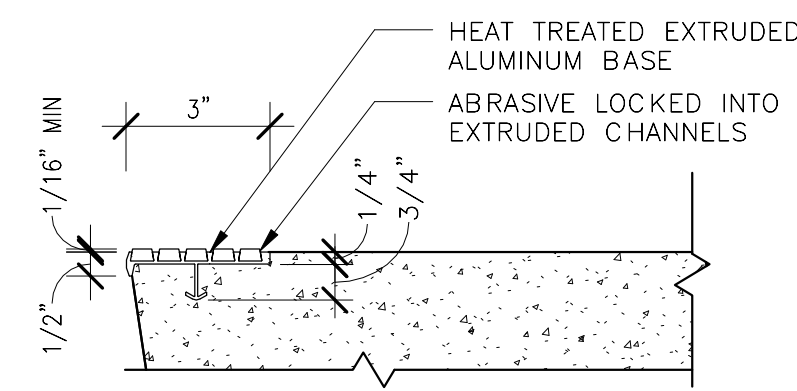
1 STAIR @ LOADING DOCK - PLAN  
N99-WHB-A-412  
N99-WHB-A-114  
1/4" = 1'-0"



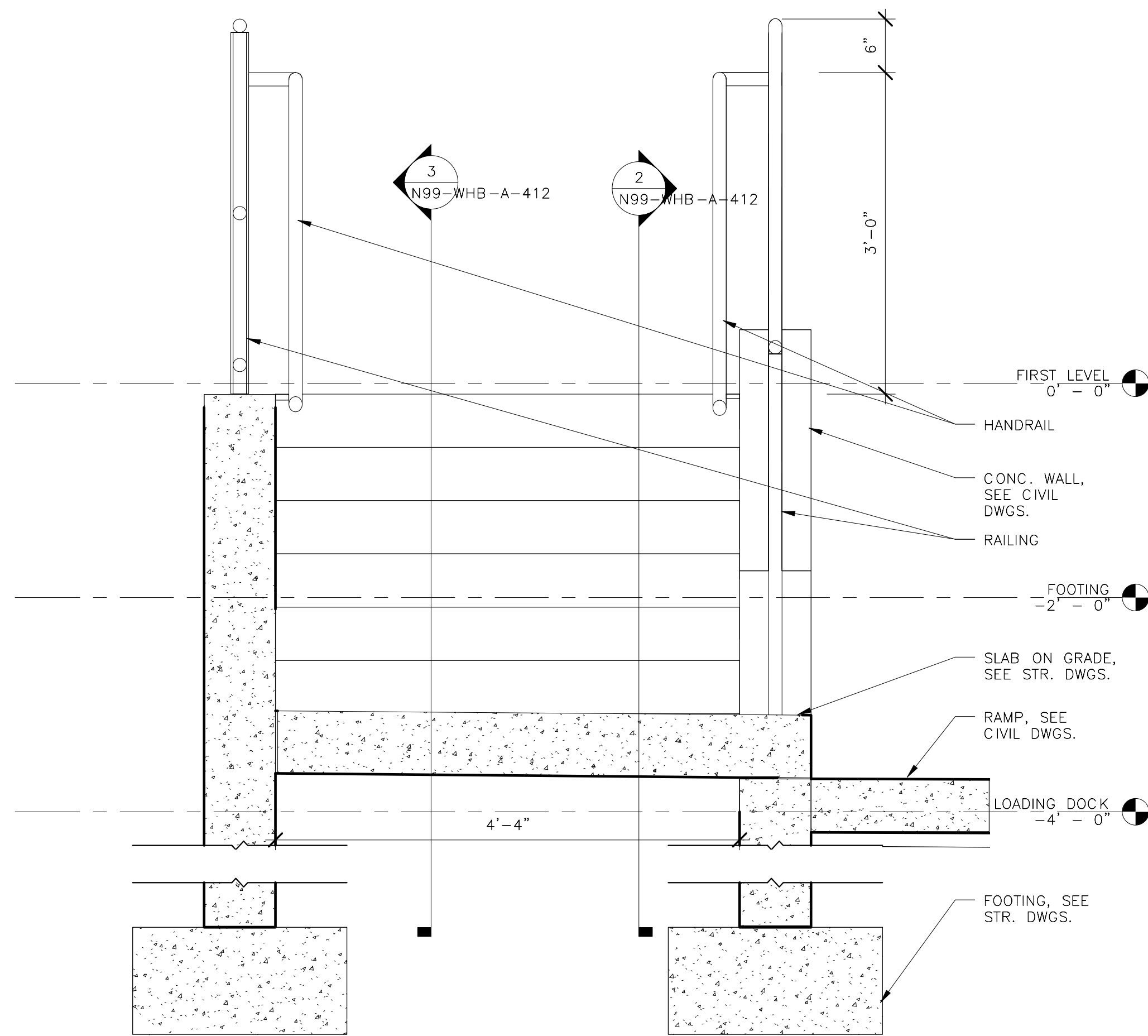
2 STAIR @ LOADING DOCK - SECTION  
N99-WHB-A-412  
1/4" = 1'-0"



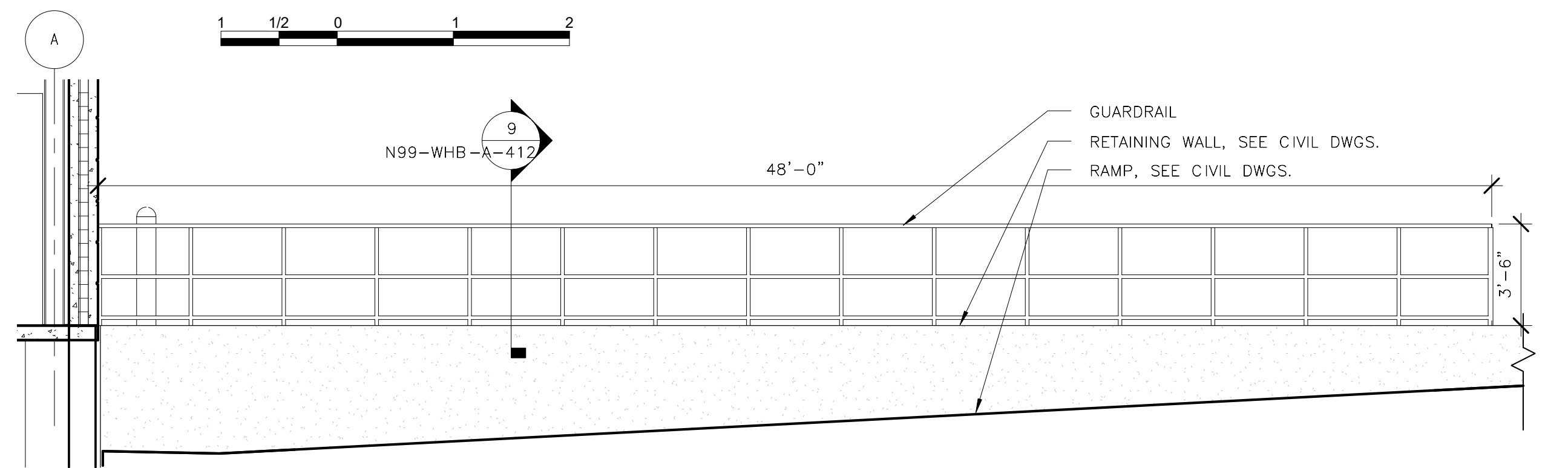
3 STAIR @ LOADING DOCK - SECTION 4  
N99-WHB-A-412  
1/4" = 1'-0"



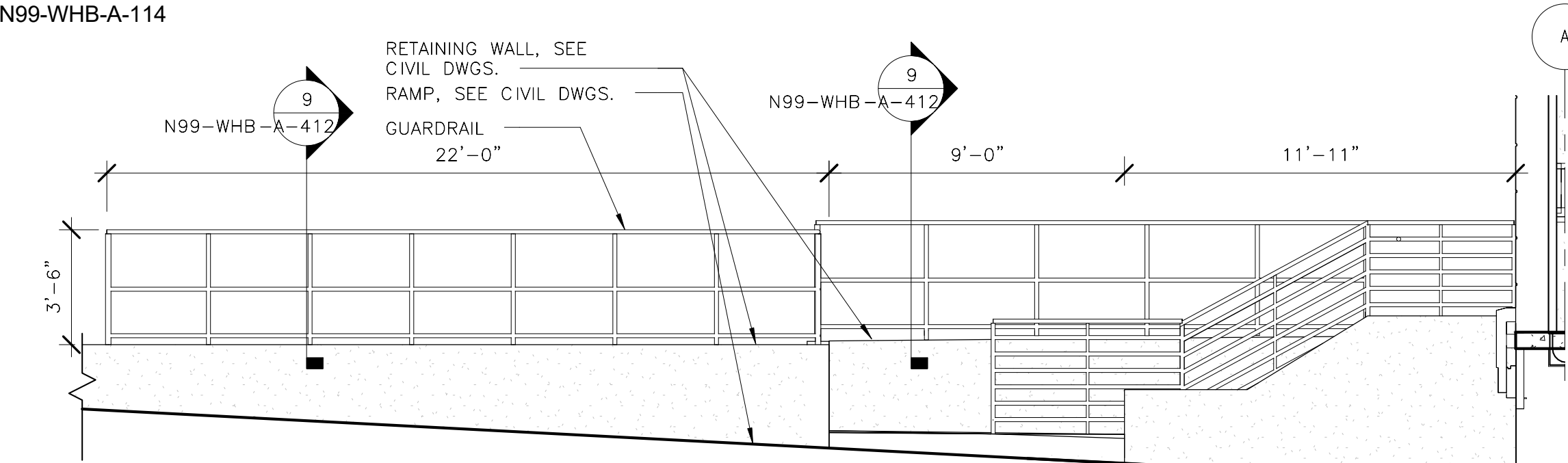
6 STAIR NOSING DETAIL  
N99-WHB-A-412  
3" = 1'-0"



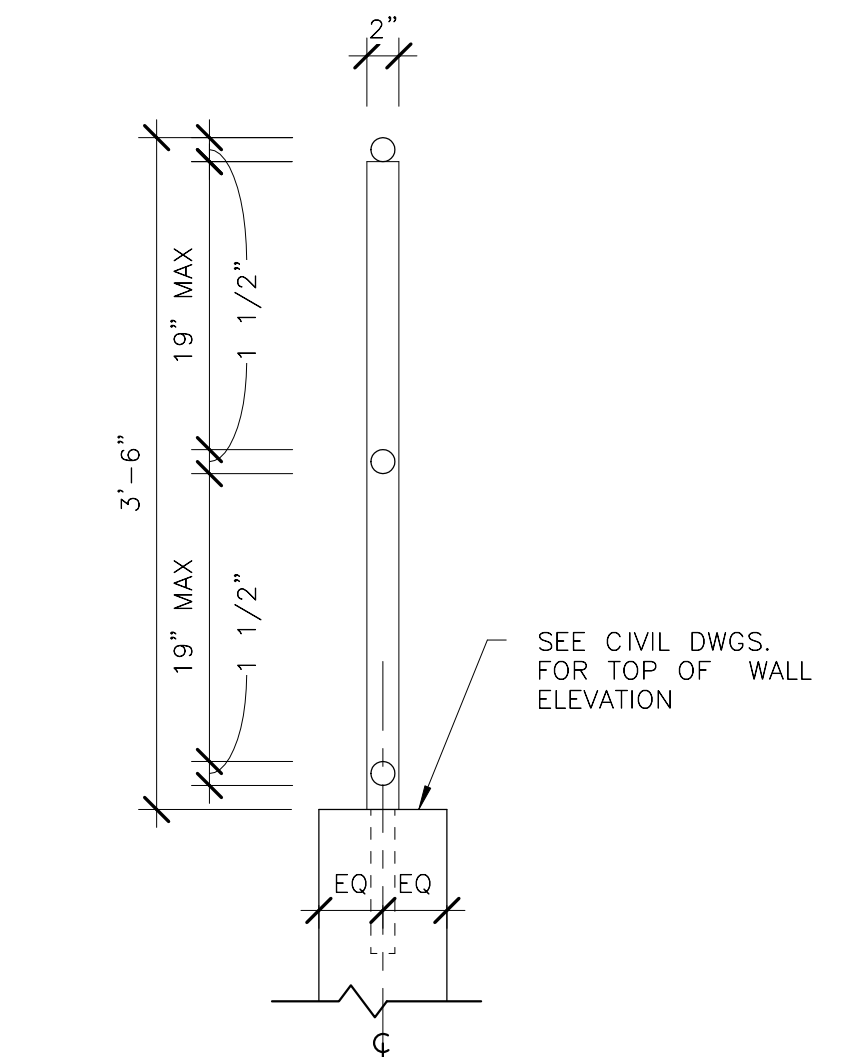
4 RAILING - SECTION  
N99-WHB-A-412  
1" = 1'-0"



7 RETAINING WALL ELEVATION  
N99-WHB-A-412  
N99-WHB-A-114  
1/4" = 1'-0"



8 RETAINING WALL ELEVATION  
N99-WHB-A-412  
N99-WHB-A-114  
1/4" = 1'-0"



9 GUARDRAIL DETAIL  
N99-WHB-A-412  
1" = 1'-0"

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	05/01/2017	DC 0377: Building stair and retaining wall	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									

METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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

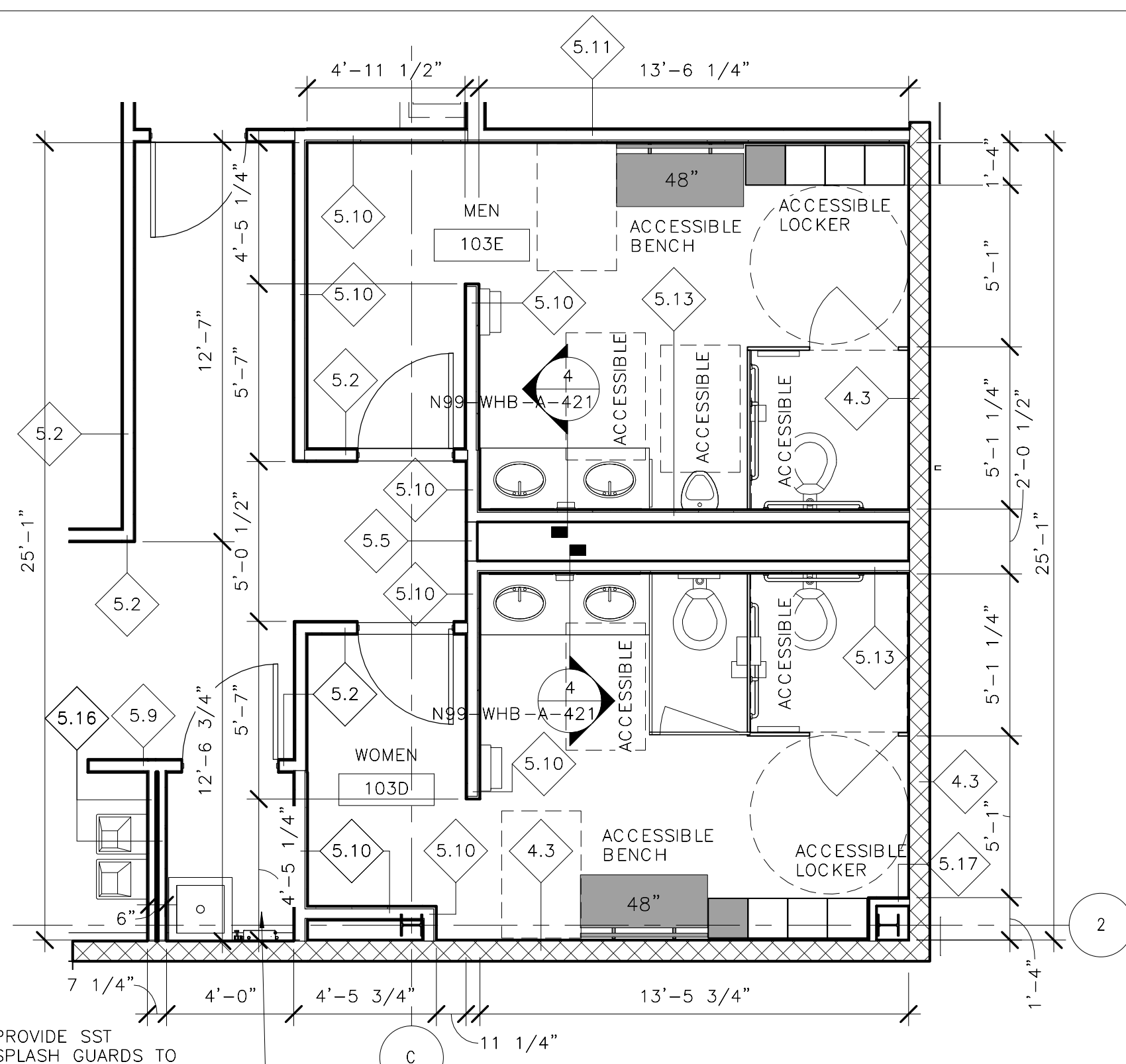
RAIL YARD AND MAINTENANCE FACILITY

WHB - ENLARGED STAIR PLANS AND SECTIONS

SCALE:

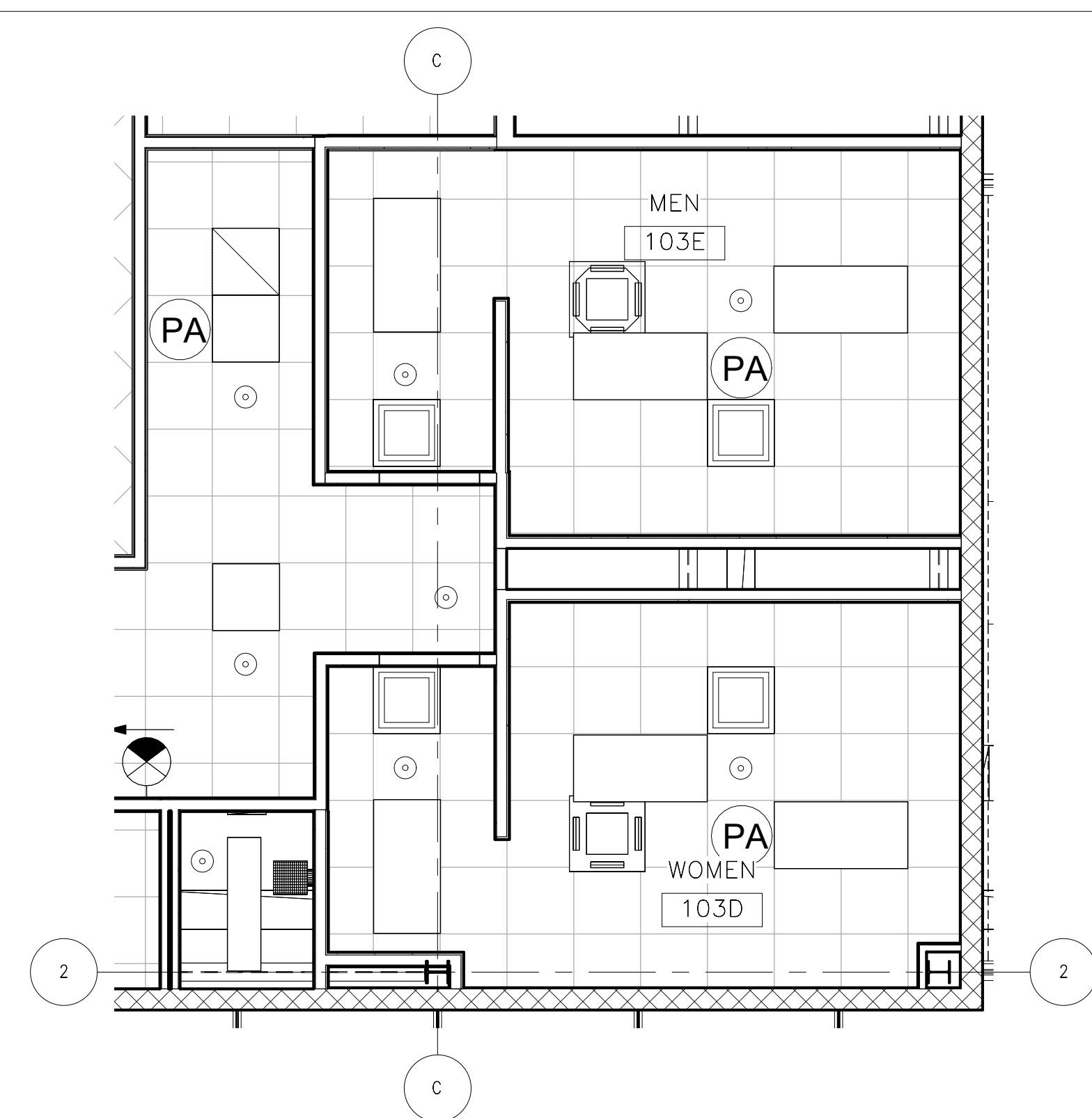
DRAWING NO.: N99-WHB-A-412

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FILE\_1114.rvt



FIRST LEVEL MEN'S AND WOMEN'S RESTROOMS  
FLOOR PLAN  
1/4" = 1'-0"

N99-WHB-A-421  
N99-WHB-A-112

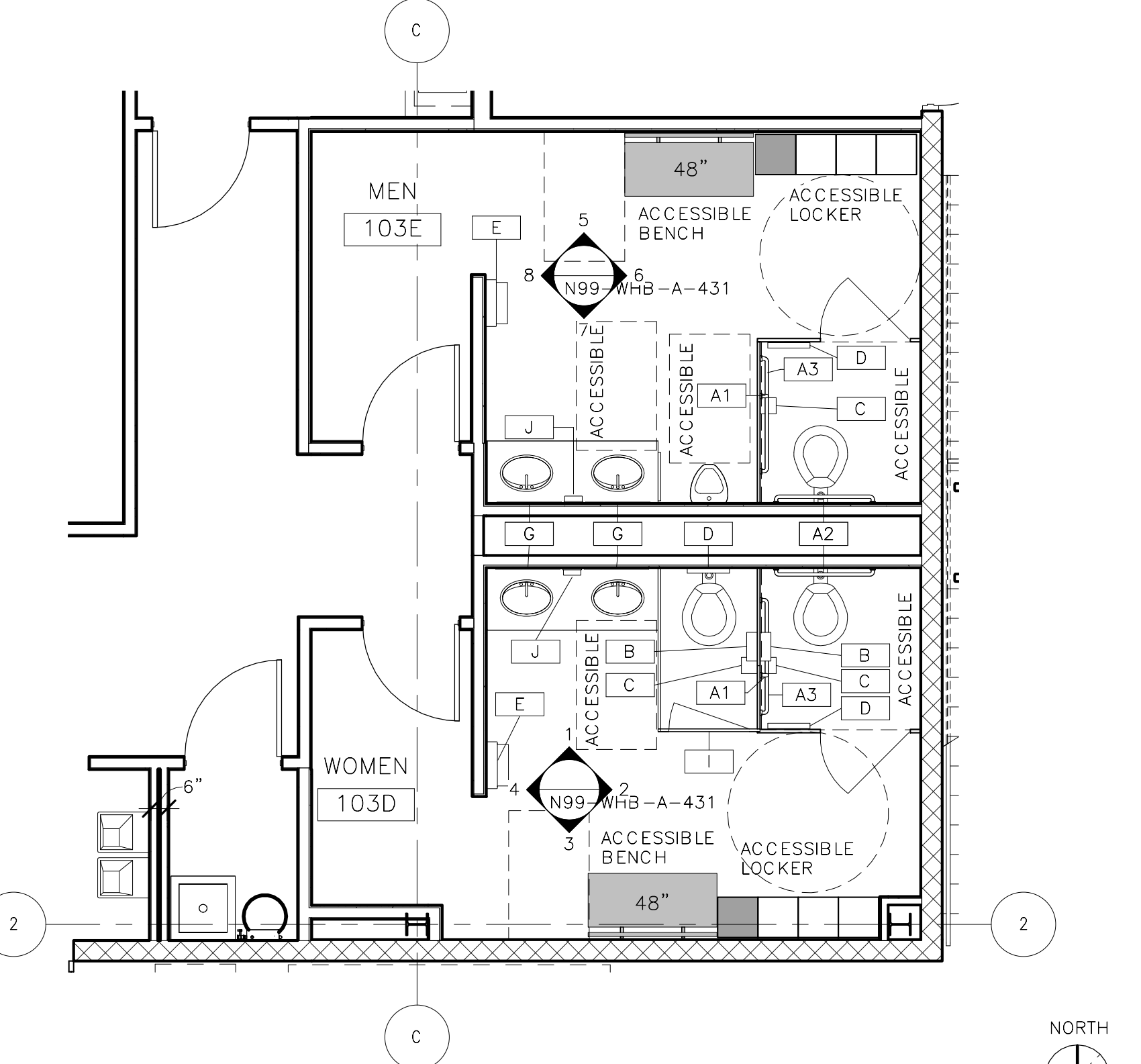


ENLARGED MEN'S AND WOMEN'S RESTROOM  
RCP  
1/4" = 1'-0"

N99-WHB-A-421  
N99-WHB-A-162

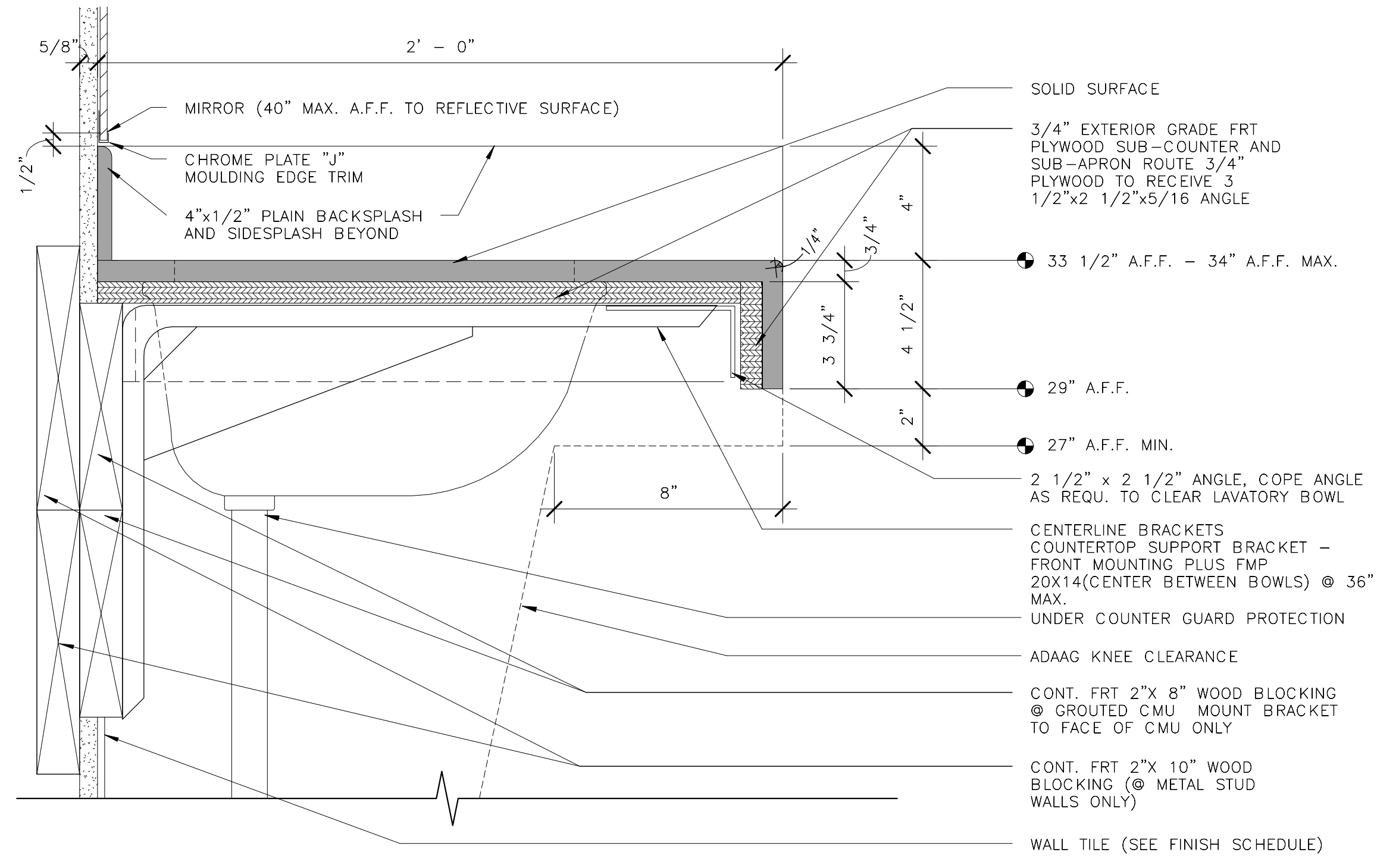
TOILET ACCESSORY LEGEND			
A1	18" GRAB BAR	MDS	LOCKERS
A2	36" GRAB BAR	N	ACCESS PANELS
A3	42" GRAB BAR	O	LOCKER BENCH
B	SANITARY NAPKIN DISPOSAL	DD	HIGH/LOW ADA WATER FOUNTAIN (SEE PLUMBING DWGS)
C	SURFACE MOUNTED TOILET PAPER DISPENSER		
D	SURFACE MOUNTED TOILET SEAT DISPENSER		
E	SEMI RECESSED PAPER TOWEL DISPENSER / TRASH CAN		
G	MIRROR		
I	TOILET PARTITIONS (SEE DETAIL)		
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-WHB A161 FOR RCP LEGEND



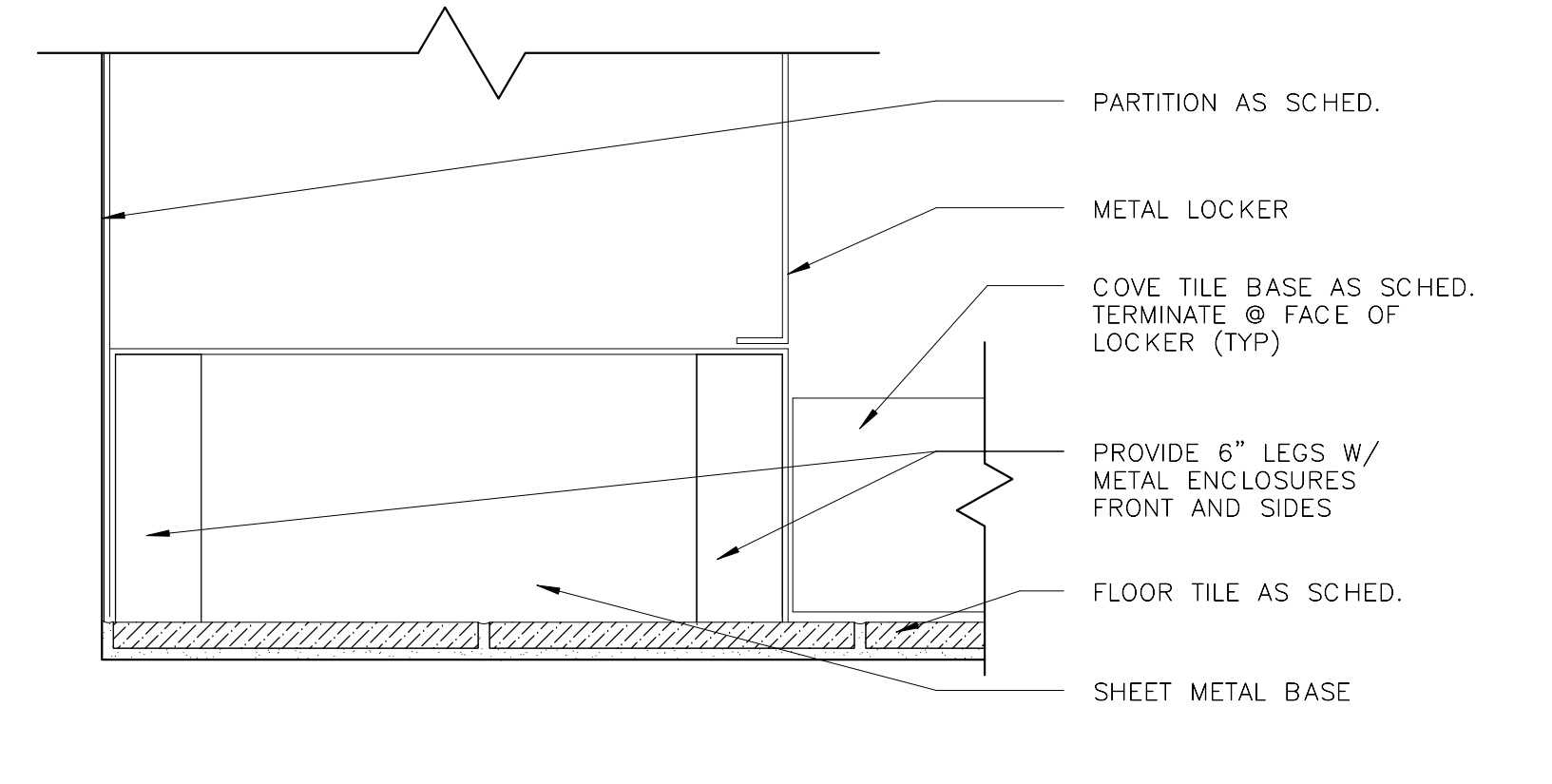
FIRST LEVEL MEN'S AND WOMEN'S RESTROOMS  
ACCESSORIES PLAN  
1/4" = 1'-0"

N99-WHB-A-421  
N99-WHB-A-112



ACCESSIBLE SINK COUNTER DETAIL  
3" = 1'-0"

N99-WHB-A-421

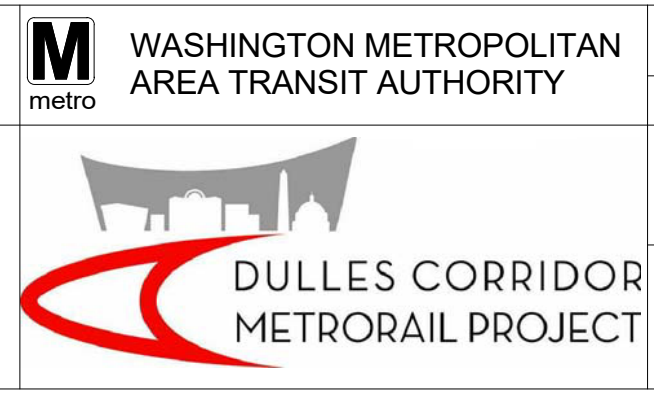
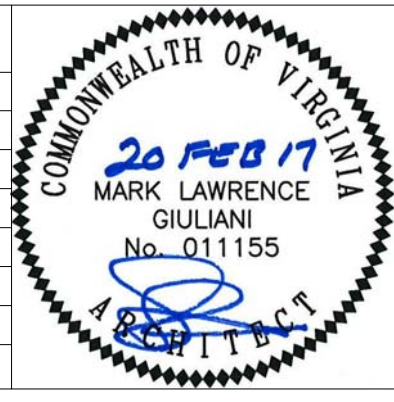


LOCKER SECTION DETAIL  
3" = 1'-0"

N99-WHB-A-421

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

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



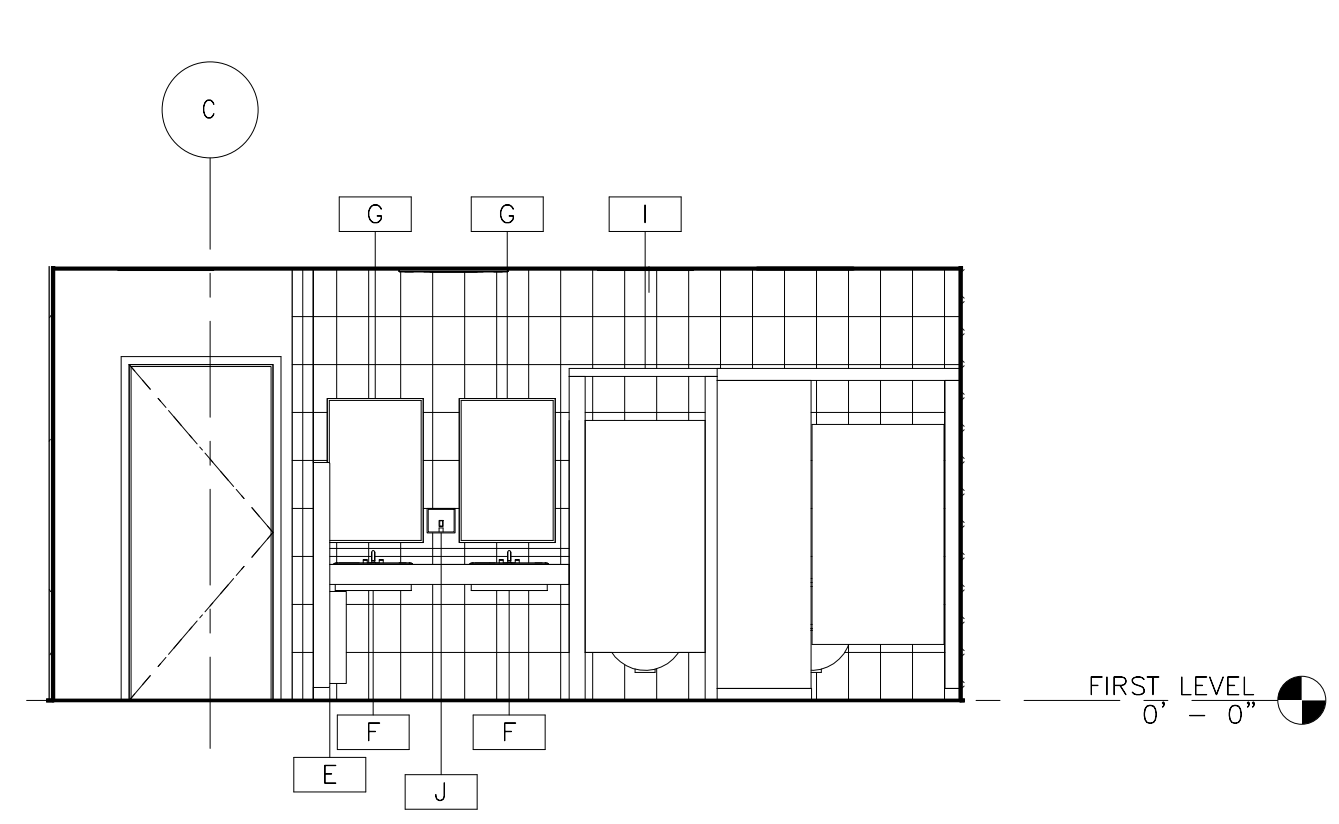
METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

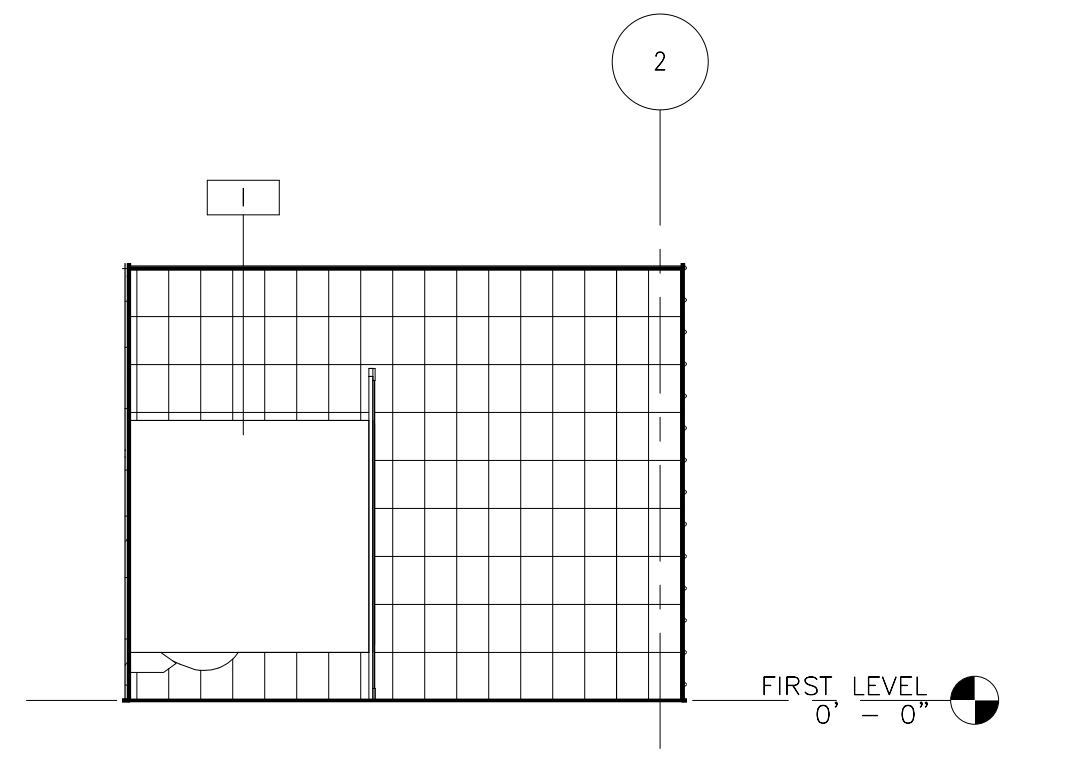
WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - ENLARGED TOILET ROOM PLANS AND DETAILS		
SCALE: AS NOTED	DRAWING NO.: N99-WHB-A-421	

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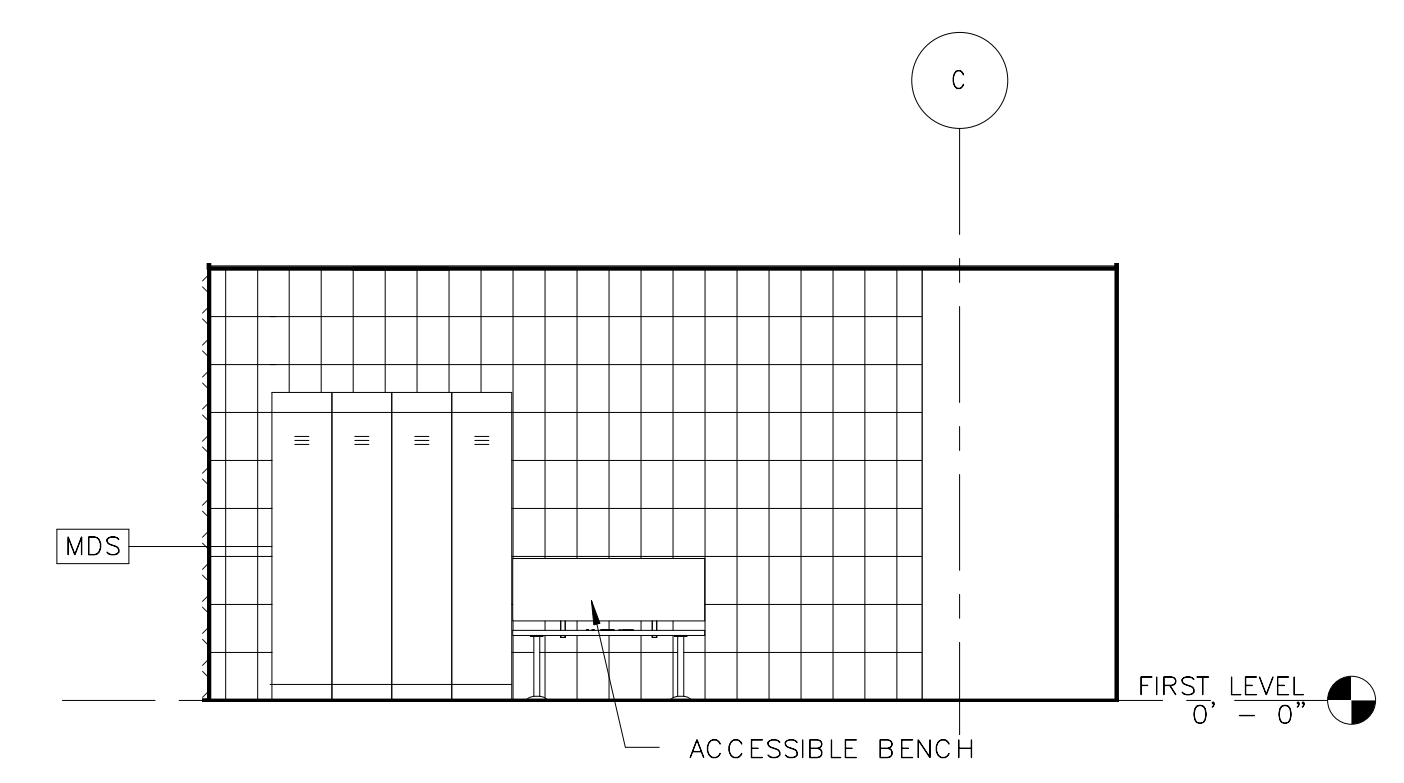
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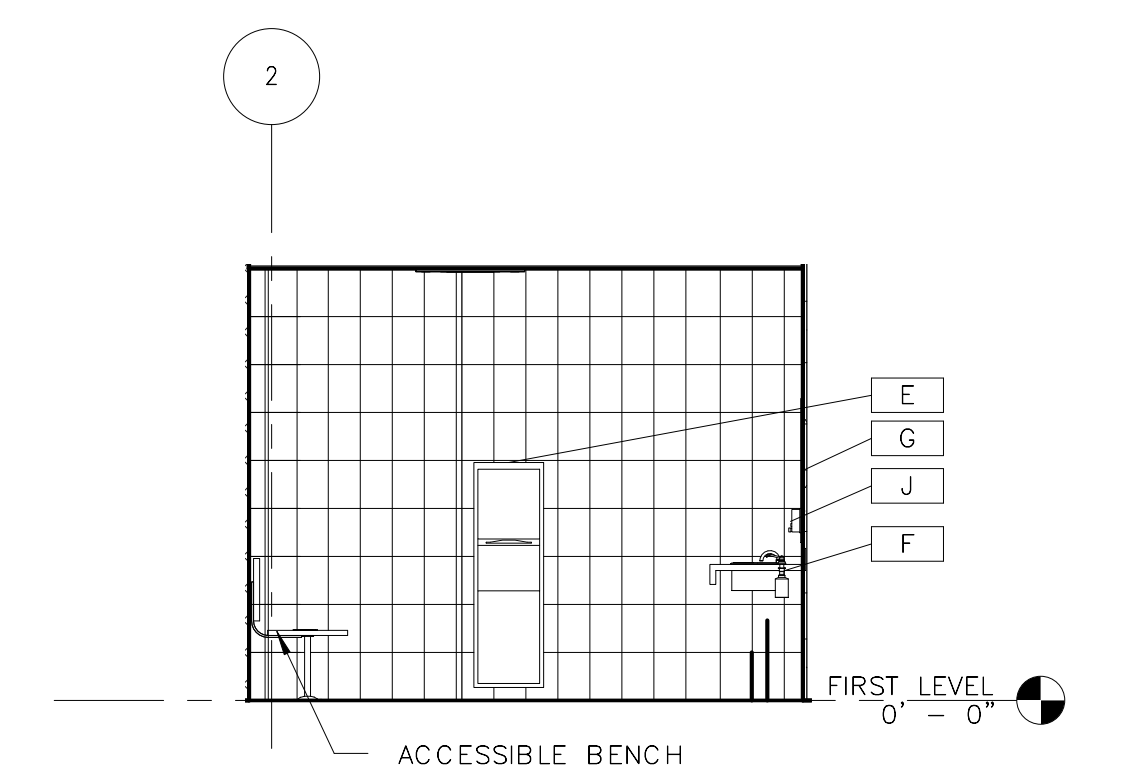
1 WOMEN'S ROOM 103D - NORTH ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8



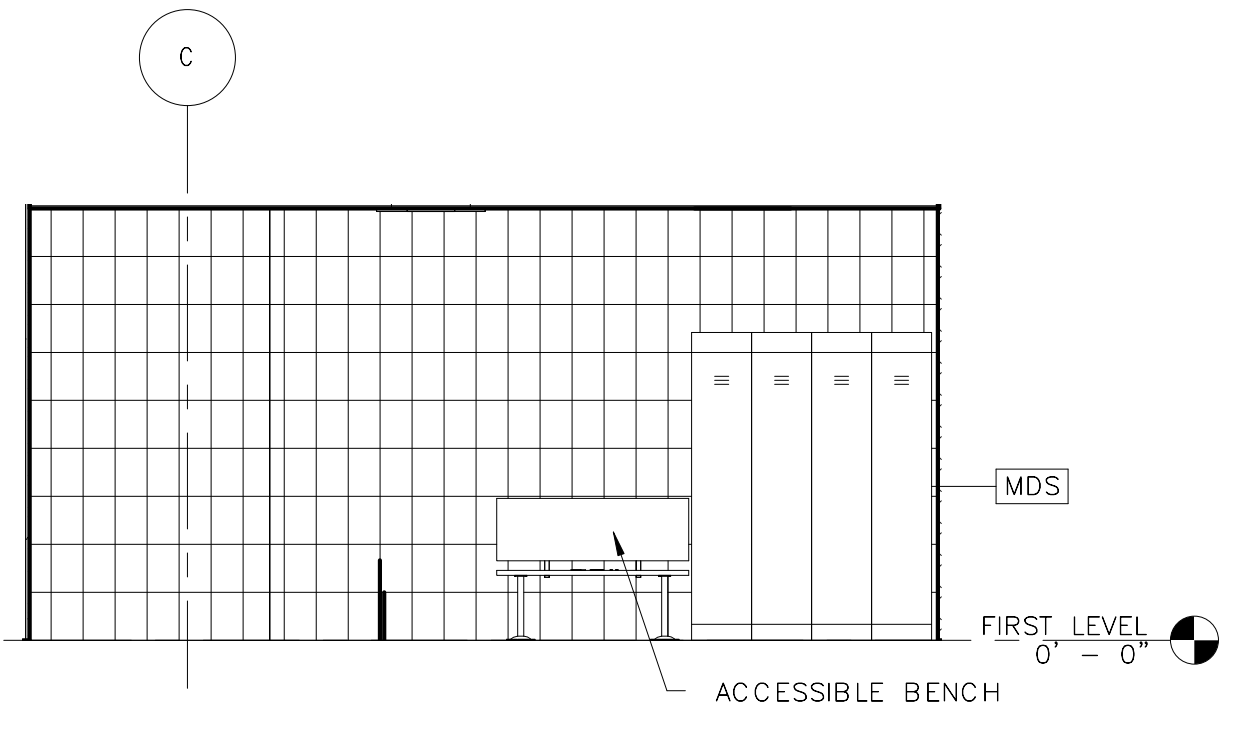
2 WOMEN'S ROOM 103D - EAST ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8



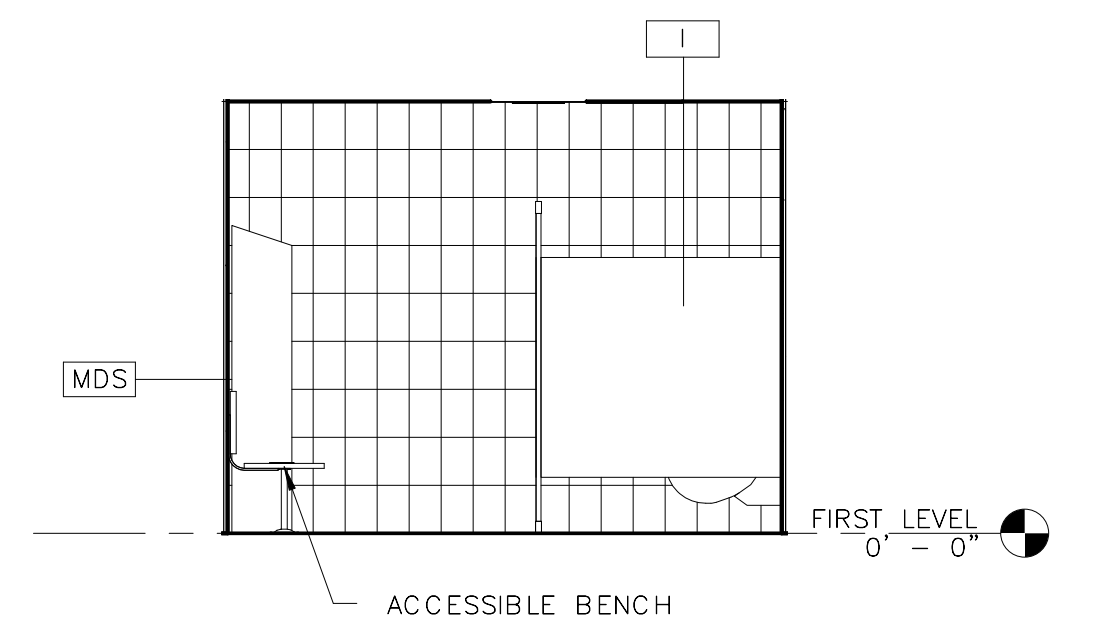
3 WOMEN'S ROOM 103D - SOUTH ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8



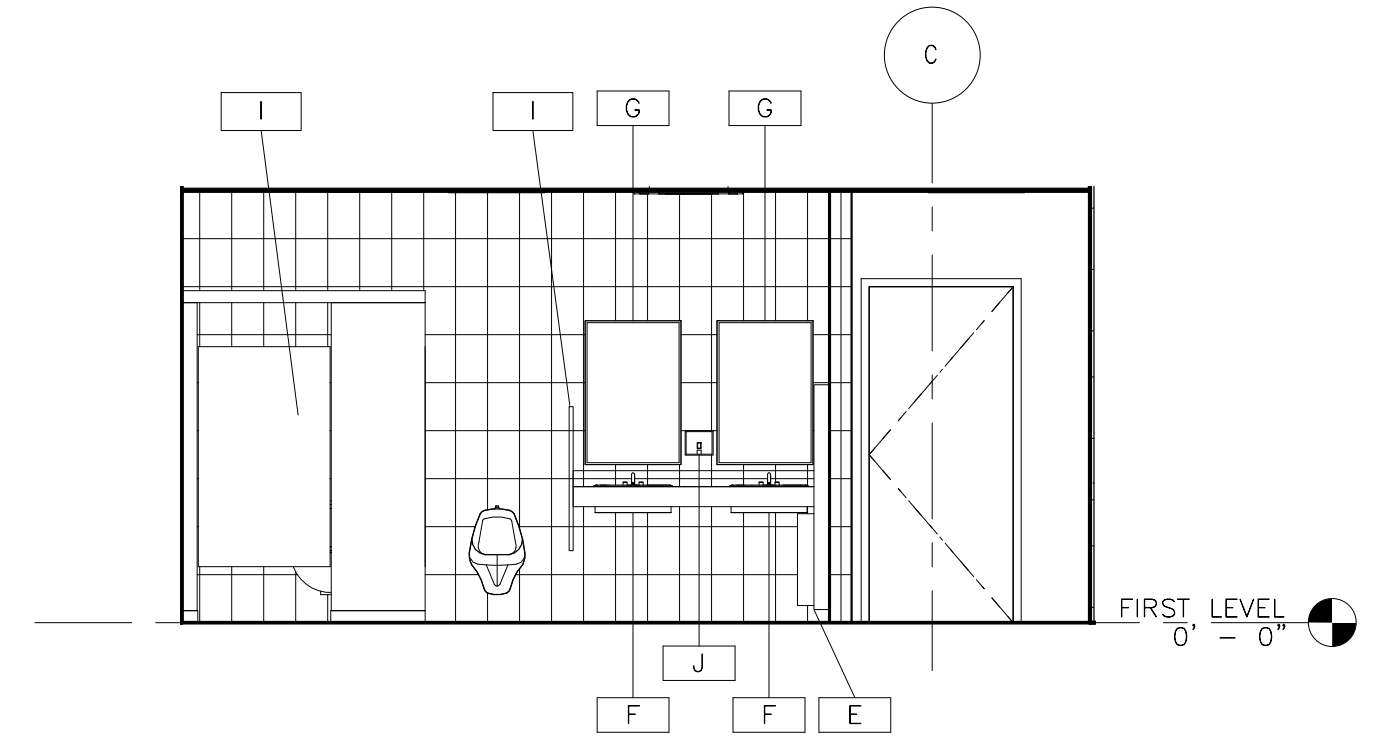
4 WOMEN'S ROOM 103D - WEST ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8



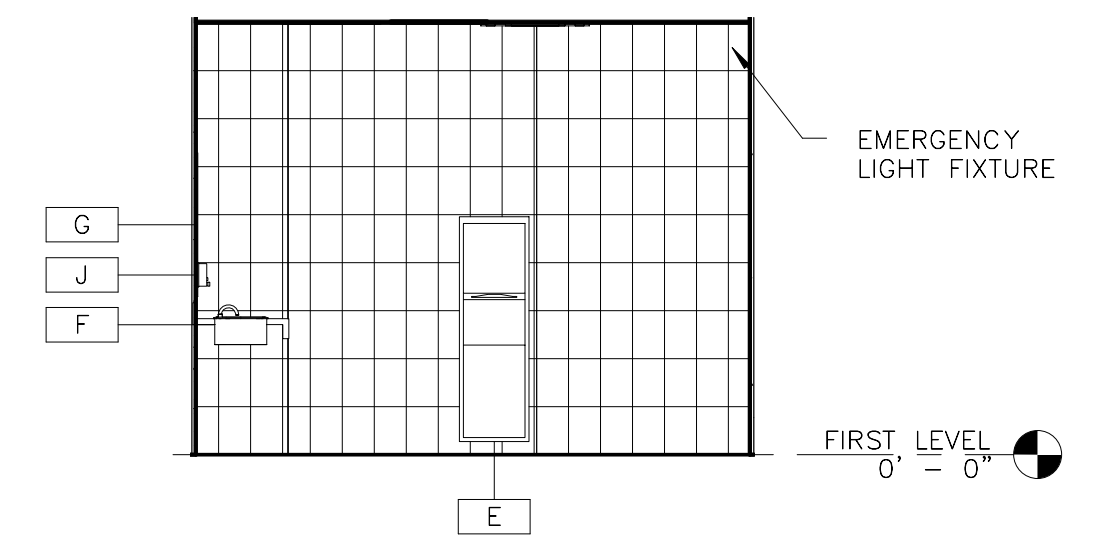
5 MEN'S ROOM 103E - NORTH ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8



6 MEN'S ROOM 103E - EAST ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8



7 MEN'S ROOM 103E - SOUTH ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8

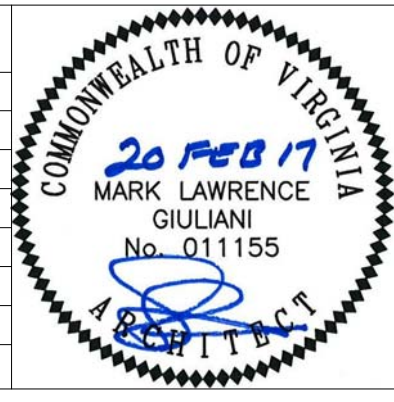


8 MEN'S ROOM 103E - WEST ELEVATION  
N99-WHB-A-431  
N99-WBH-A-421  
1/4" = 1'-0"  
4 3 2 1 0 4 8

TOILET ACCESSORY LEGEND			
A1	18" GRAB BAR	MDS	LOCKERS
A2	36" GRAB BAR	N	ACCESS PANELS
A3	42" GRAB BAR	O	LOCKER BENCH
B	SANITARY NAPKIN DISPOSAL	DD	HIGH/LOW ADA WATER FOUNTAIN (SEE PLUMBING DWGS)
C	SURFACE MOUNTED TOILET PAPER DISPENSER		
D	SURFACE MOUNTED TOILET SEAT DISPENSER		
E	SEMI RECESSED PAPER TOWEL DISPENSER / TRASH CAN		
G	MIRROR		
I	TOILET PARTITIONS (SEE DETAIL)		
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

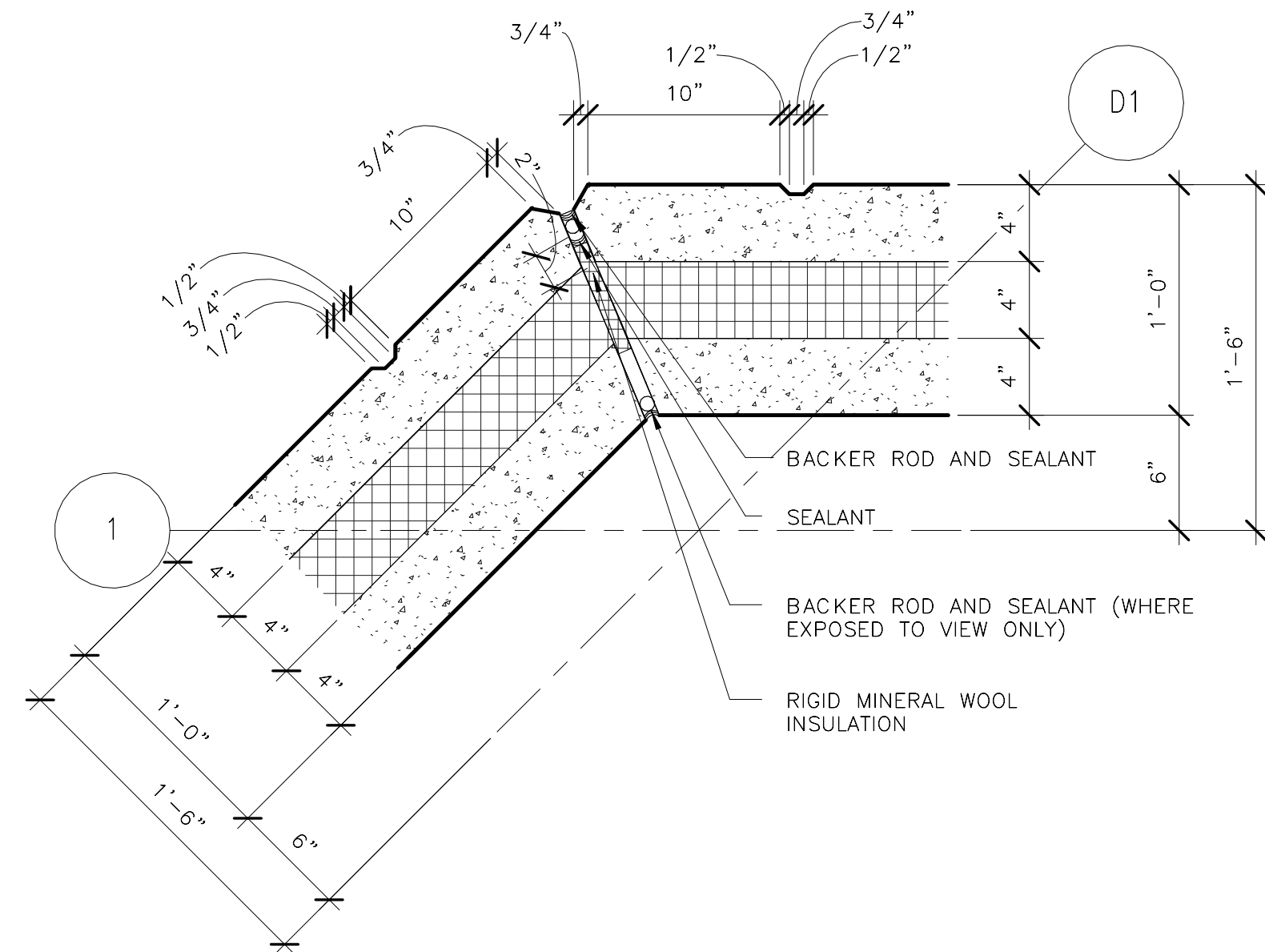
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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS				
NO	DATE	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017							
C. HOLMES	02/20/2017							
J. KELLEHER	02/20/2017							
M. GIULIANI	02/20/2017							

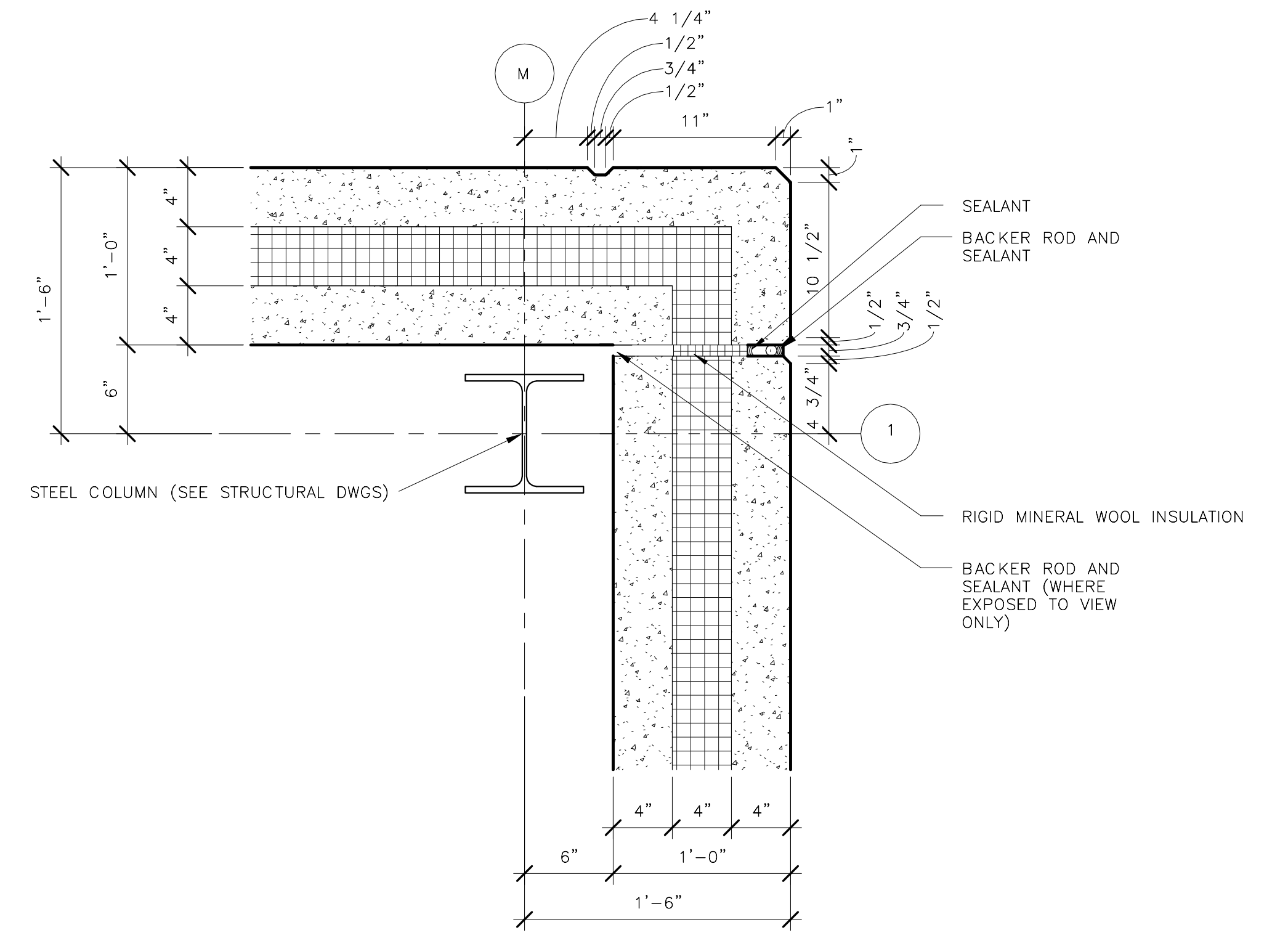


 <b>METROPOLITAN WASHINGTON AIRPORTS AUTHORITY</b>	 <b>HENSEL PHELPS</b> Plan. Build. Manage.	 <b>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</b>	<b>WMATA LDP 2009</b> <b>RAIL YARD AND MAINTENANCE FACILITY</b> <b>WHB - TOILET ROOM ELEVATIONS</b>	<b>39D-02-16</b> <b>CONTRACT NO.: 8-14-C001</b>
 <b>giuliani ASSOCIATES ARCHITECTS</b>	 <b>DULLES CORRIDOR METRO RAIL PROJECT</b>	SCALE: <b>1/4" = 1'-0"</b>	DRAWING NO.: <b>N99-WHB-A-431</b>	

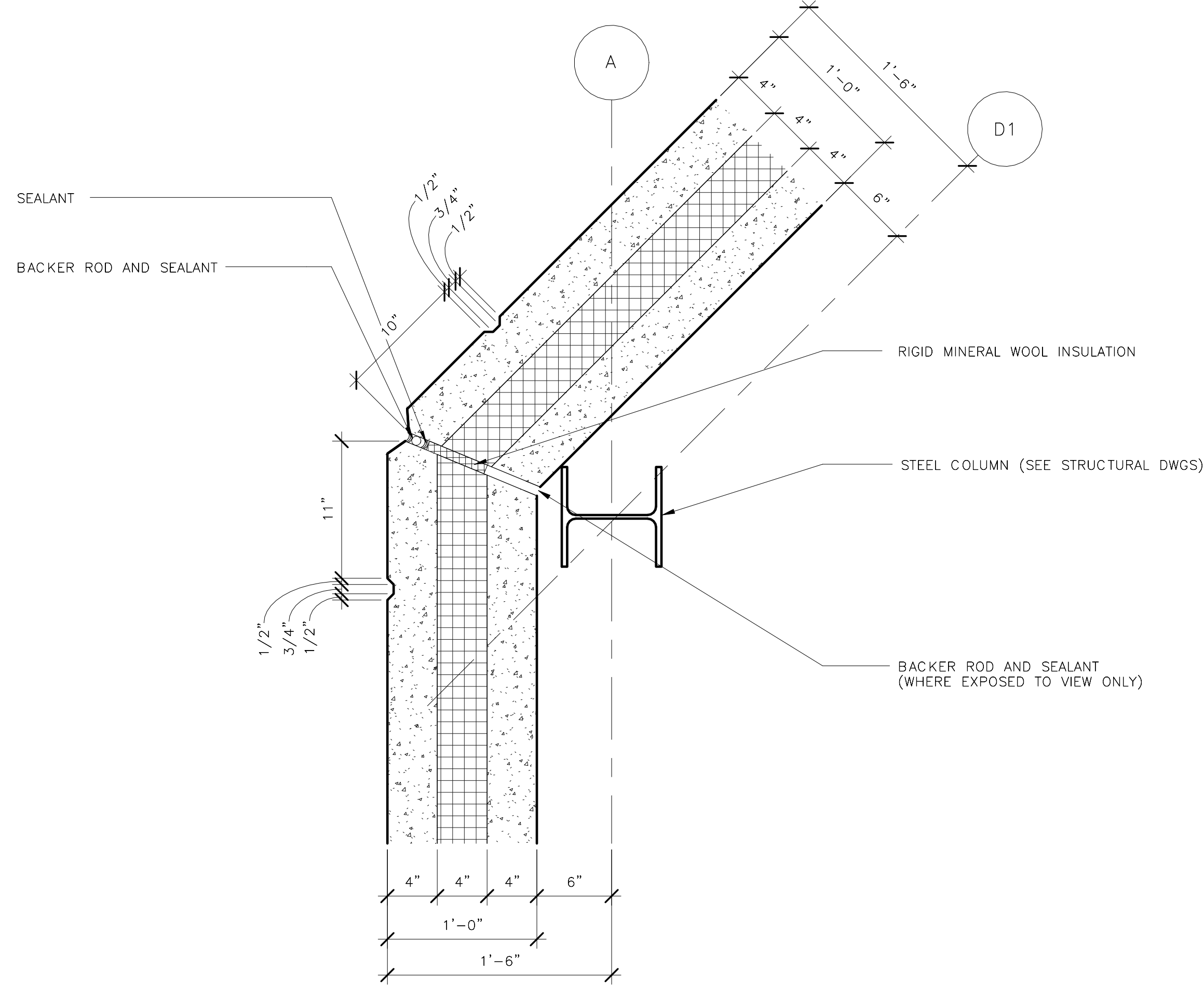
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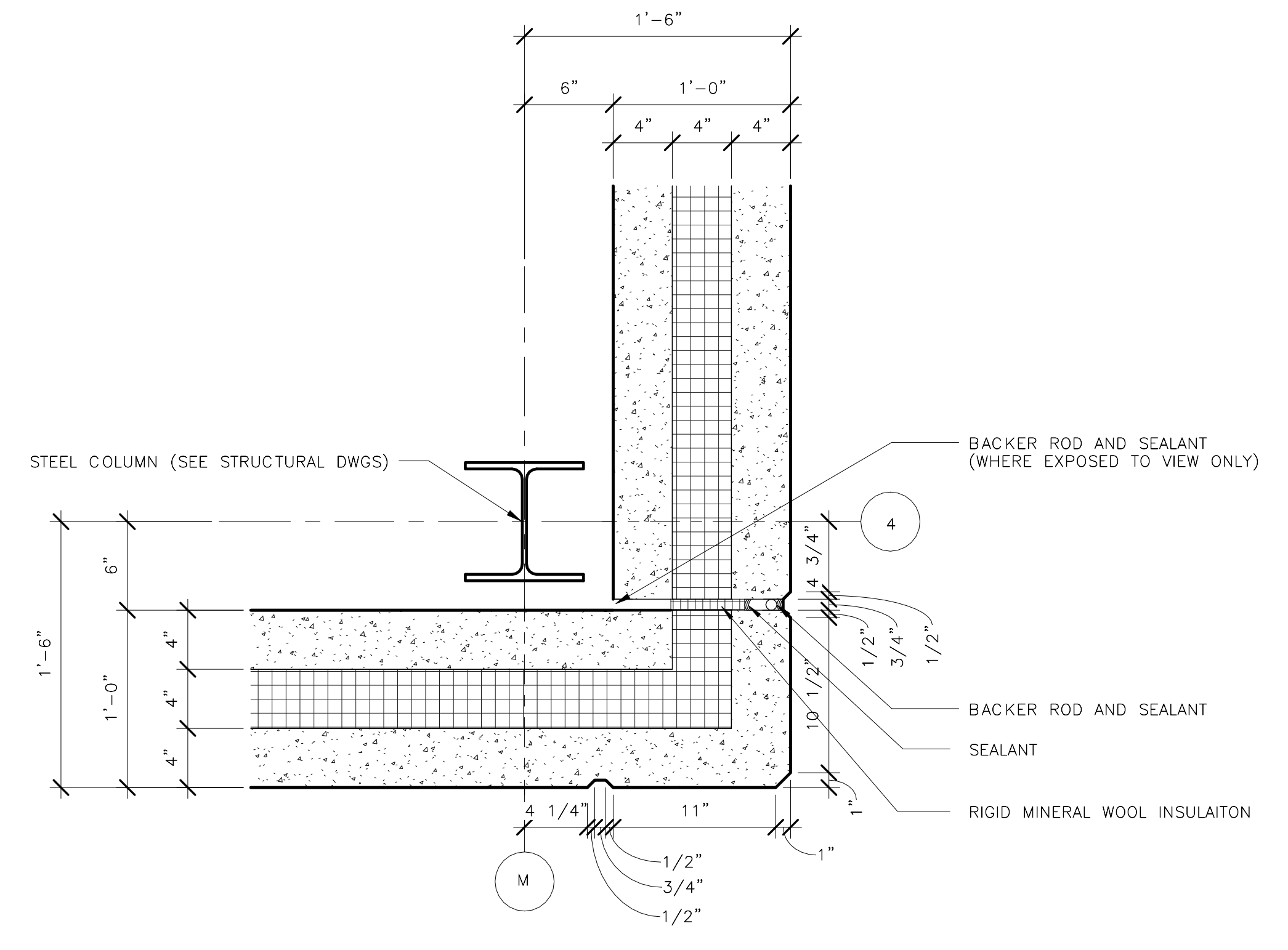
3 ENLARGED PLAN DETAIL @ 1&D1  
1 1/2" = 1'-0"  
N99-WHB-A-461  
N99-WHB-A-111  
N99-WHB-A-171  
N99-WHB-A-161



1 ENLARGED PLAN DETAIL @ M&1  
1 1/2" = 1'-0"  
N99-WHB-A-461  
N99-WHB-A-111

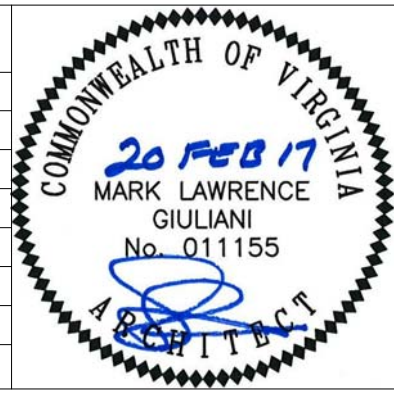


4 ENLARGED PLAN DETAIL @ A&D1  
1 1/2" = 1'-0"  
N99-WHB-A-461  
N99-WHB-A-111



2 ENLARGED PLAN DETAIL @ M&4  
1 1/2" = 1'-0"  
N99-WHB-A-461  
N99-WHB-A-111

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

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

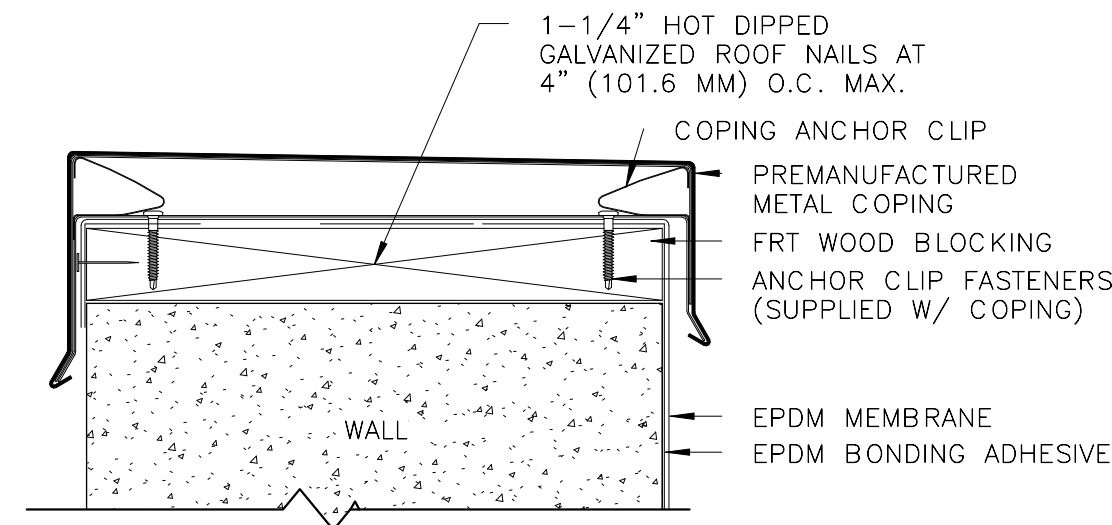
WHB - ENLARGED PLAN DETAILS

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

DRAWING NO.: N99-WHB-A-461

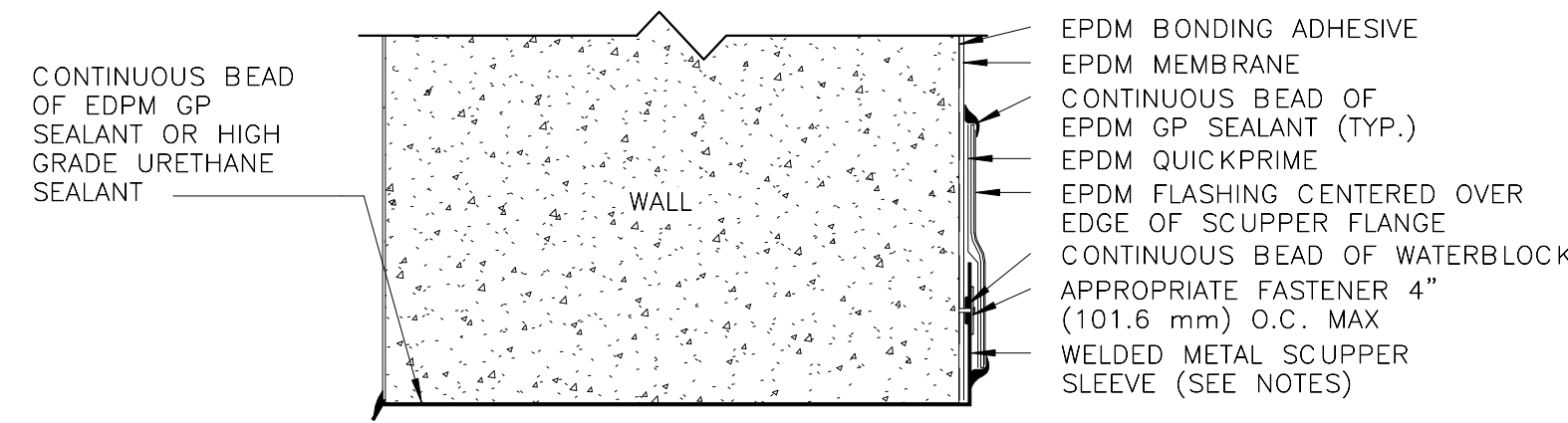
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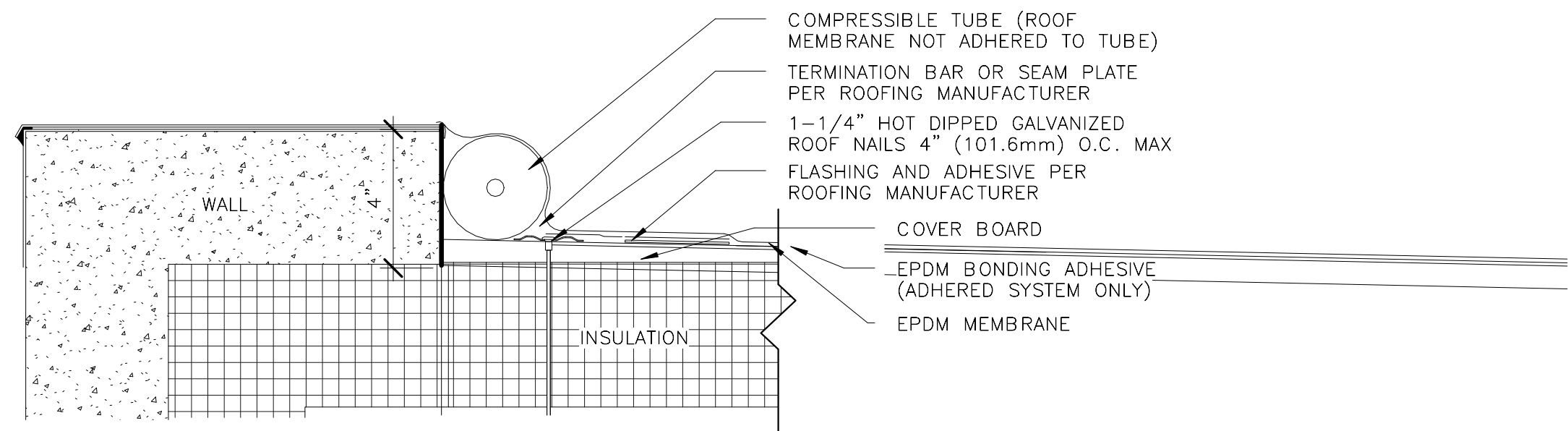
NOTES:  
 1. ALTERNATIVE METAL COPING IS ACCEPTABLE FOR USE IN THIS DETAIL PROVIDED FABRICATION AND INSTALLATION IS IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.  
 2. FRT WOOD BLOCKING MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS PER LINEAR FOOT MINIMUM IN ANY GIVEN DIRECTION.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

1 ROOF DETAIL - TOP OF WALL TERMINATION  
 N99-WHB-A-510 3" = 1'-0"  
 N99-WHB-A-142

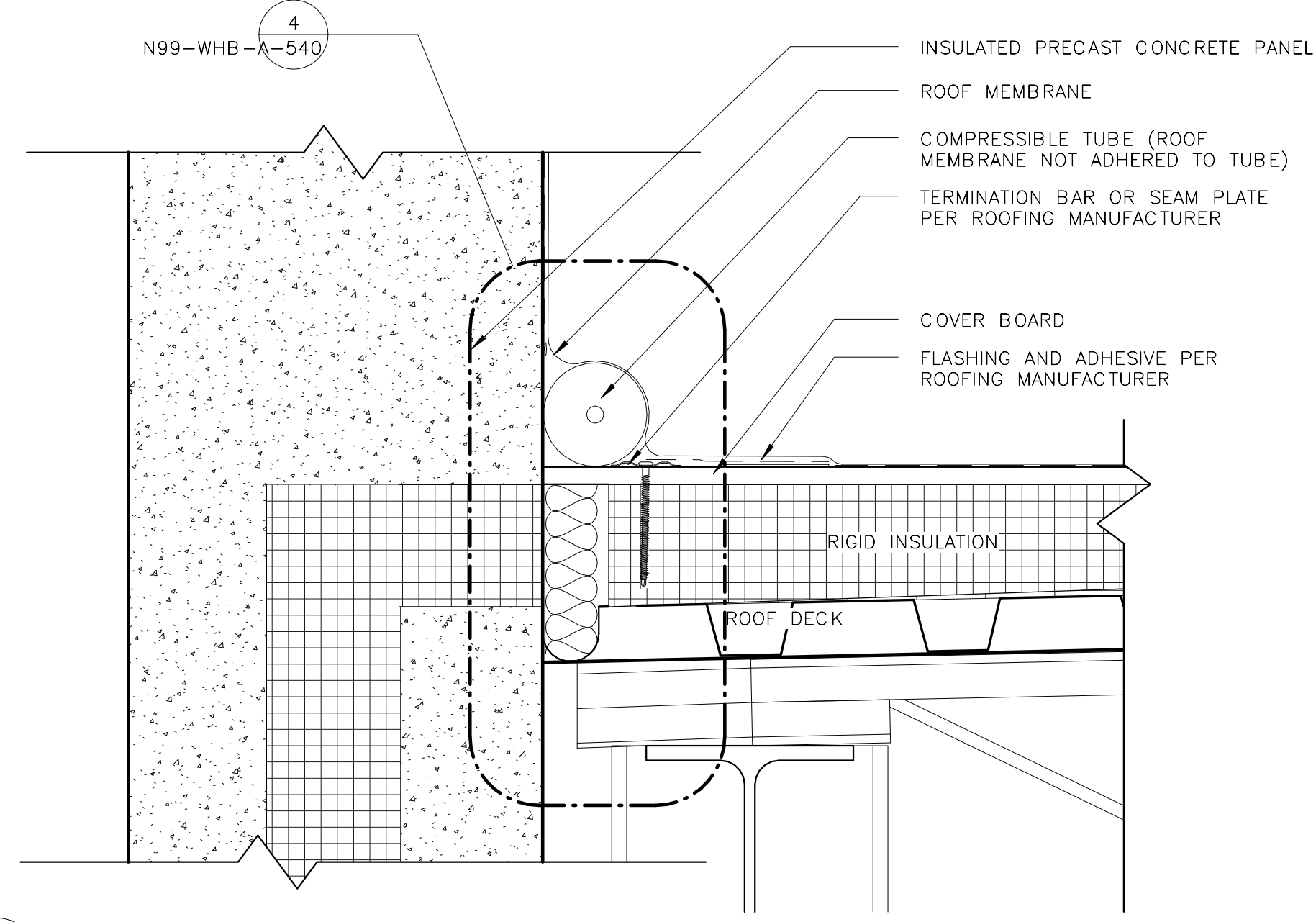


NOTES:  
 1. SCUPPER MUST BE WELDED METAL SLEEVE. ROUND ALL SHEET METAL FLANGE CORNERS.

2 ROOF DETAIL - SCUPPER  
 N99-WHB-A-510 3" = 1'-0"  
 N99-WHB-A-142  
 N99-WHB-A-143

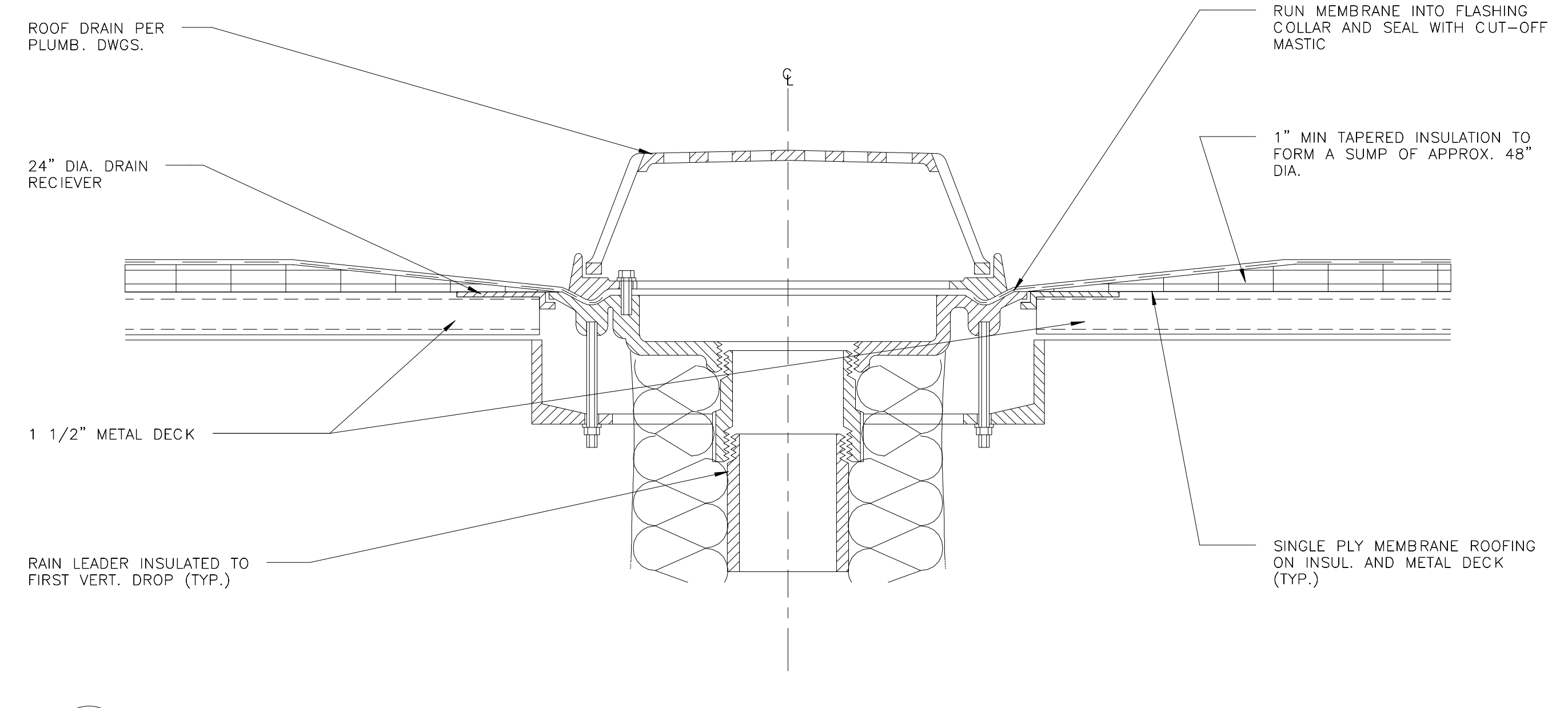


4 ROOF DETAIL - EXPANSION JOINT  
 N99-WHB-A-510 3" = 1'-0"  
 N99-WHB-A-143



3 ROOF DETAIL - PARAPET  
 N99-WHB-A-510 3" = 1'-0"  
 N99-WHB-A-142  
 N99-WHB-A-143

4 ROOF DETAIL - ROOF DRAIN  
 N99-WHB-A-510 3" = 1'-0"  
 N99-WHB-A-143



ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO.	DATE	NUMBER	DESCRIPTION	NO.	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
1	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
2	02/20/2017									
3	02/20/2017									
4	02/20/2017									

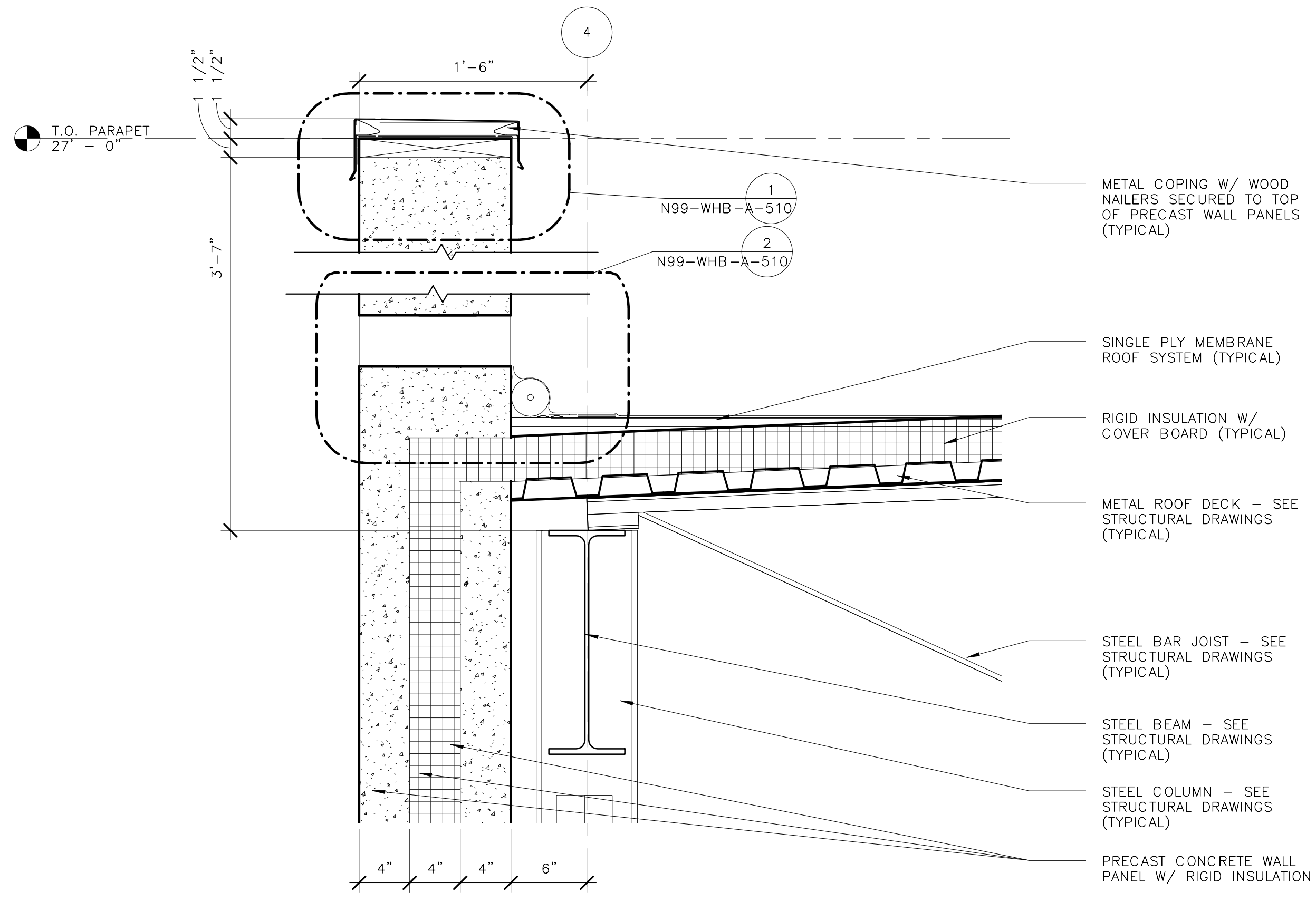


METROPOLITAN WASHINGTON AIRPORTS AUTHORITY		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY						
WHB - ROOF DETAILS						
SCALE: 3" = 1'-0"				DRAWING NO.: N99-WHB-A-510		

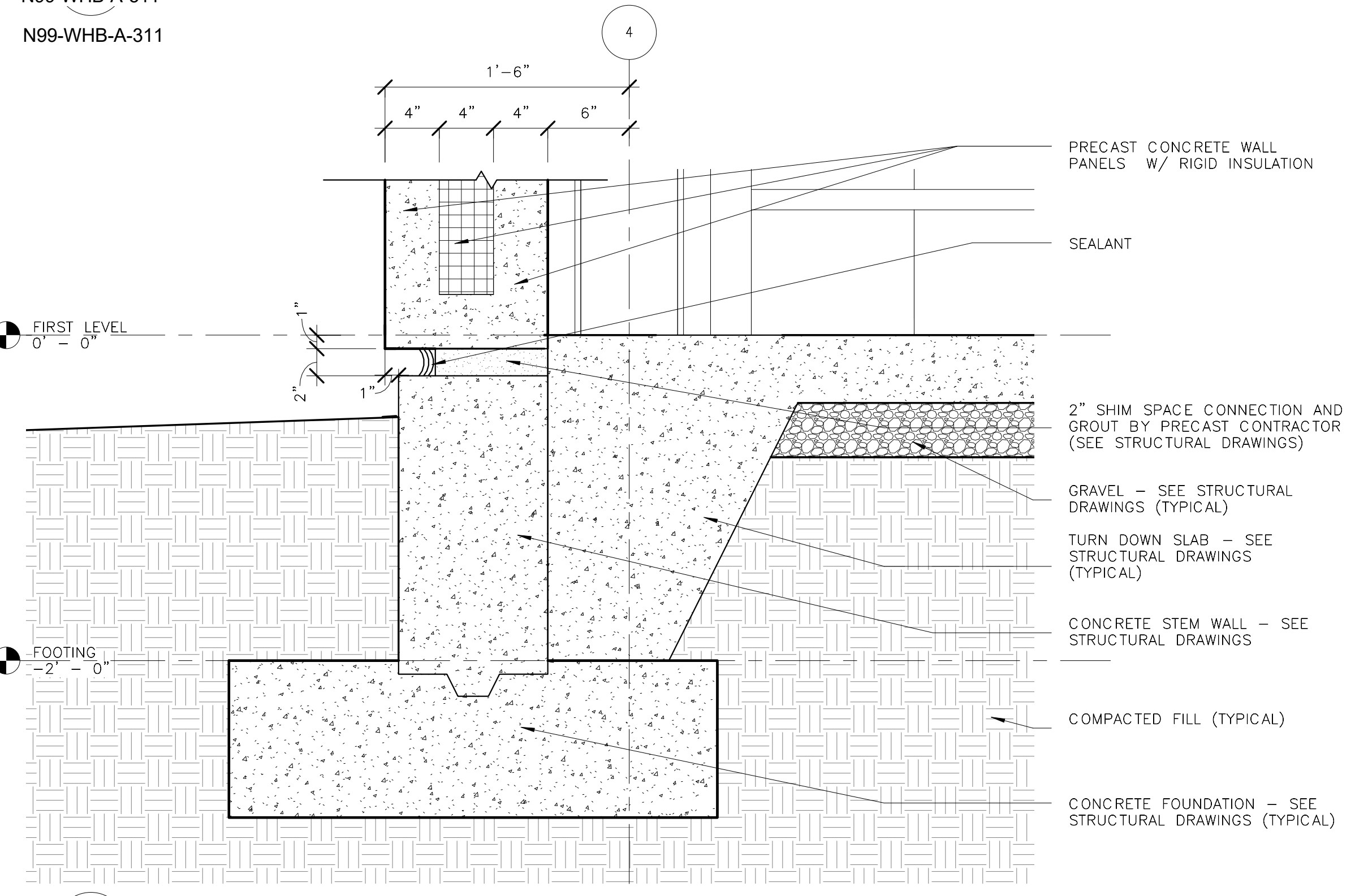


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FILE\_1114183103.rvt



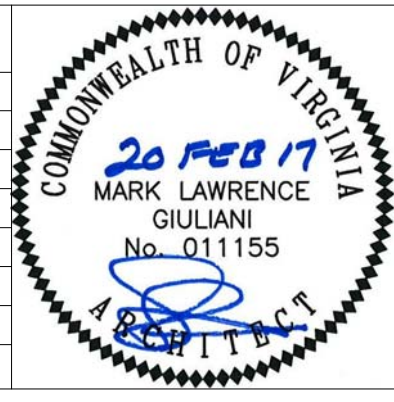
1  
N99-WHB-A-511  
N99-WHB-A-311  
ENLARGED WALL SECTION @ SCUPPER  
1 1/2" = 1'-0"



2  
N99-WHB-A-511  
N99-WHB-A-311  
ENLARGED WALL SECTION @ FOUNDATION  
1 1/2" = 1'-0"

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS				
NO	DATE	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017							
C. HOLMES	02/20/2017							
J. KELLEHER	02/20/2017							
M. GIULIANI	02/20/2017							



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

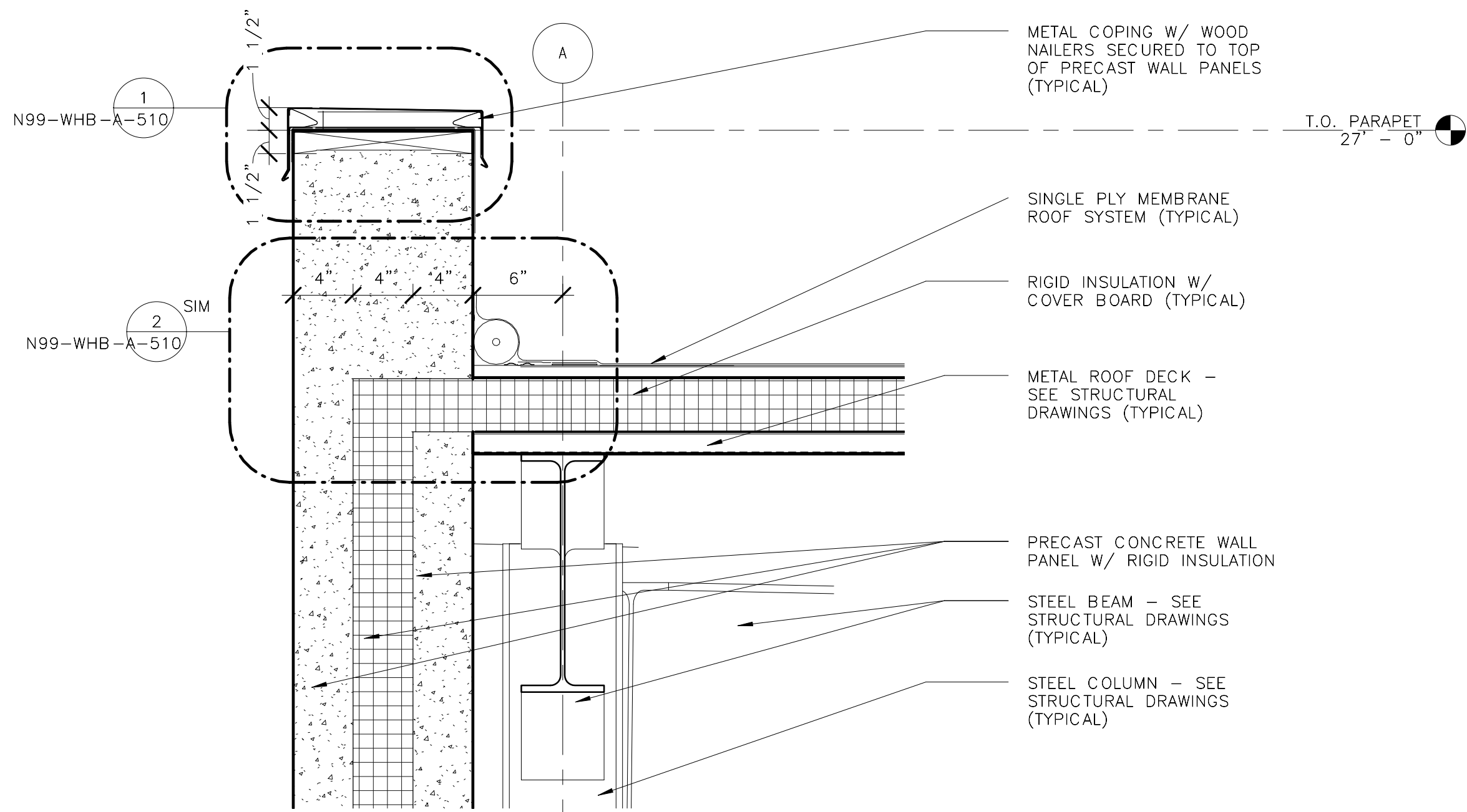
RAIL YARD AND MAINTENANCE FACILITY

WHB - ENLARGED WALL SECTIONS

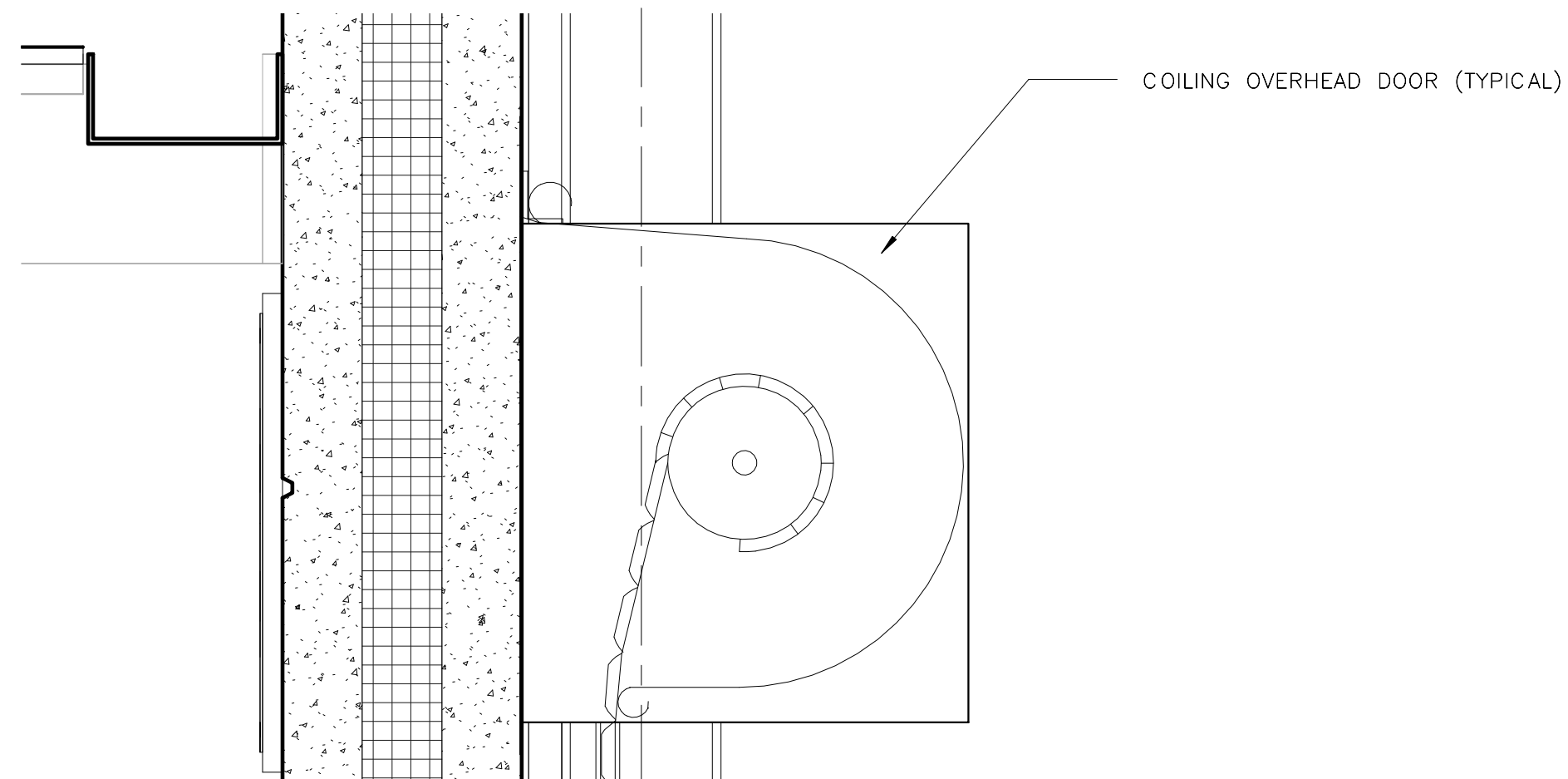
SCALE: 1 1/2" = 1'-0"

DRAWING NO.: N99-WHB-A-511

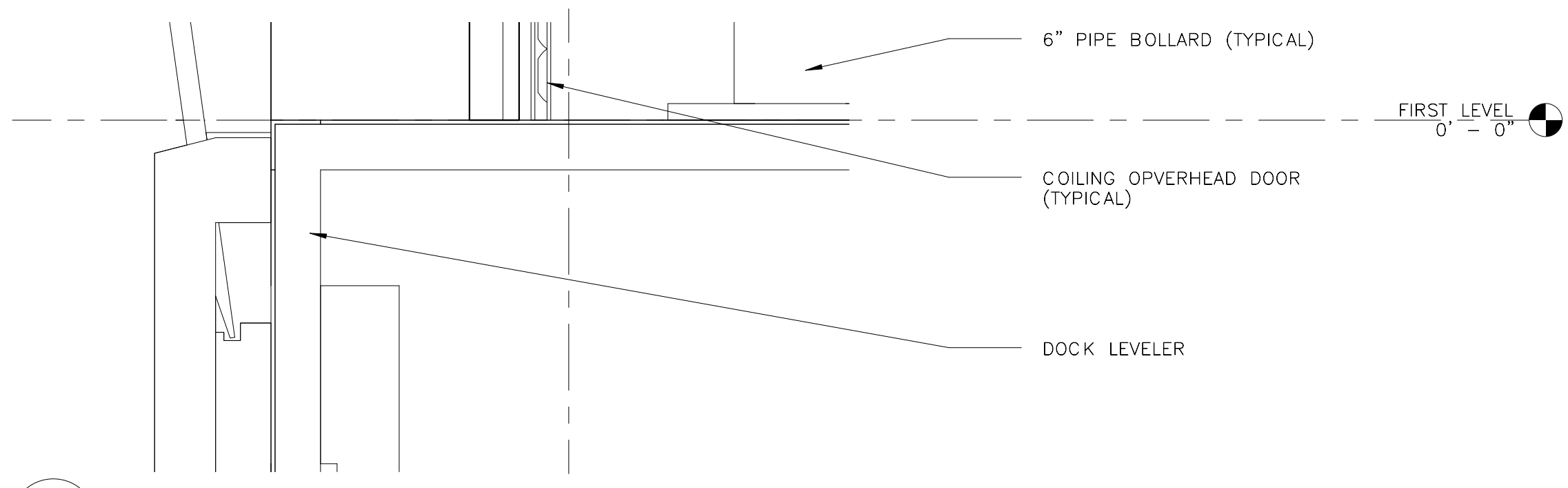
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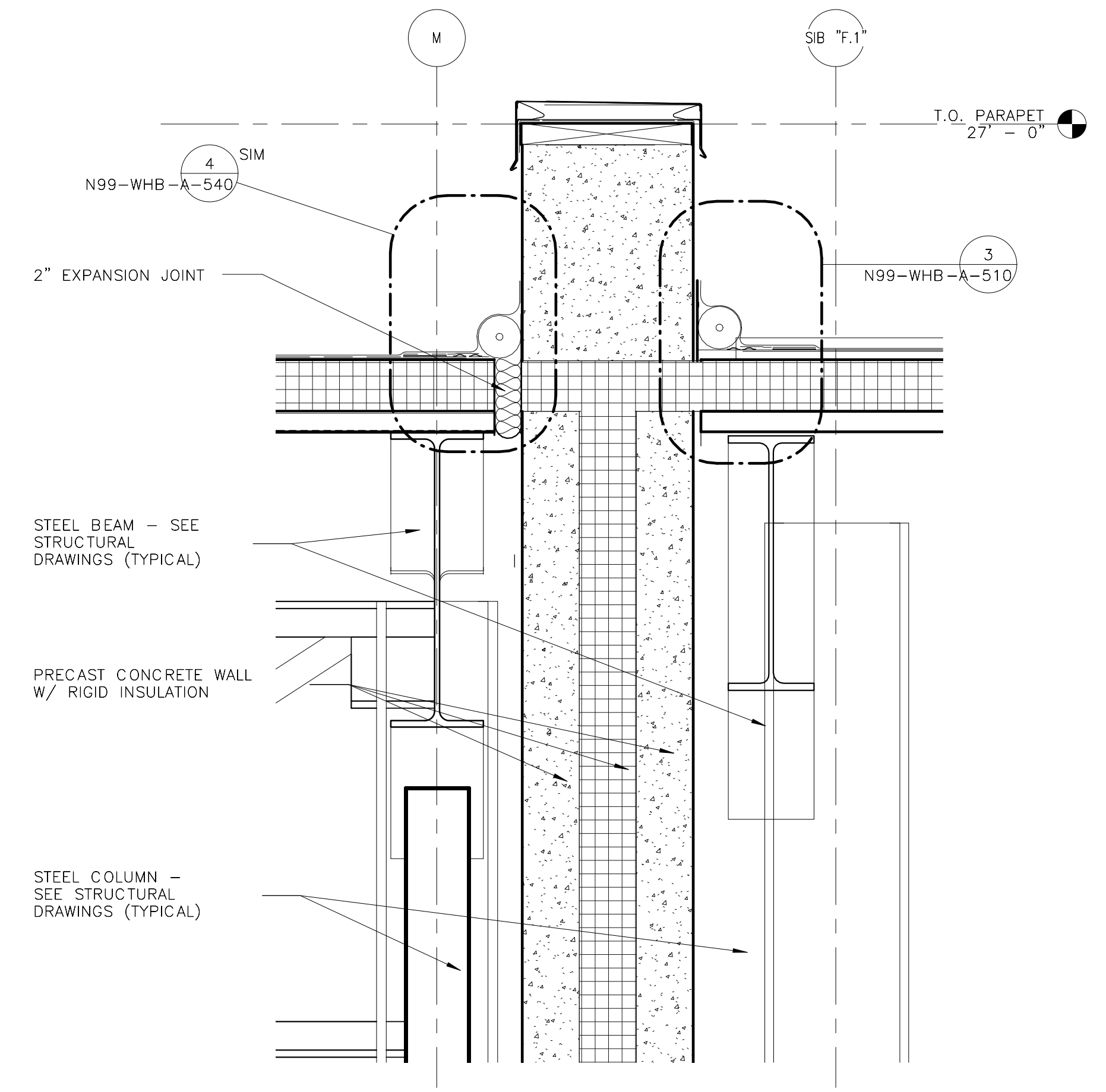
**1**  
ENLARGED WALL SECTION @ PARAPET  
N99-WHB-A-512  
N99-WHB-A-311  
1 1/2" = 1'-0"



**2**  
ENLARGED WALL SECTION @ COILING OVERHEAD DOOR  
N99-WHB-A-512  
N99-WHB-A-311  
1 1/2" = 1'-0"



**3**  
ENLARGED WALL SECTION @ LOADING DOOR  
N99-WHB-A-512  
N99-WHB-A-311  
1 1/2" = 1'-0"



**4**  
ENLARGED WALL SECTION @ EXPANSION JOINT  
N99-WHB-A-512  
N99-WHB-A-311  
1 1/2" = 1'-0"

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

**giuliani** ASSOCIATES ARCHITECTS

**HENSEL PHELPS** Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DULLES CORRIDOR METRO RAIL PROJECT

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

RAIL YARD AND MAINTENANCE FACILITY

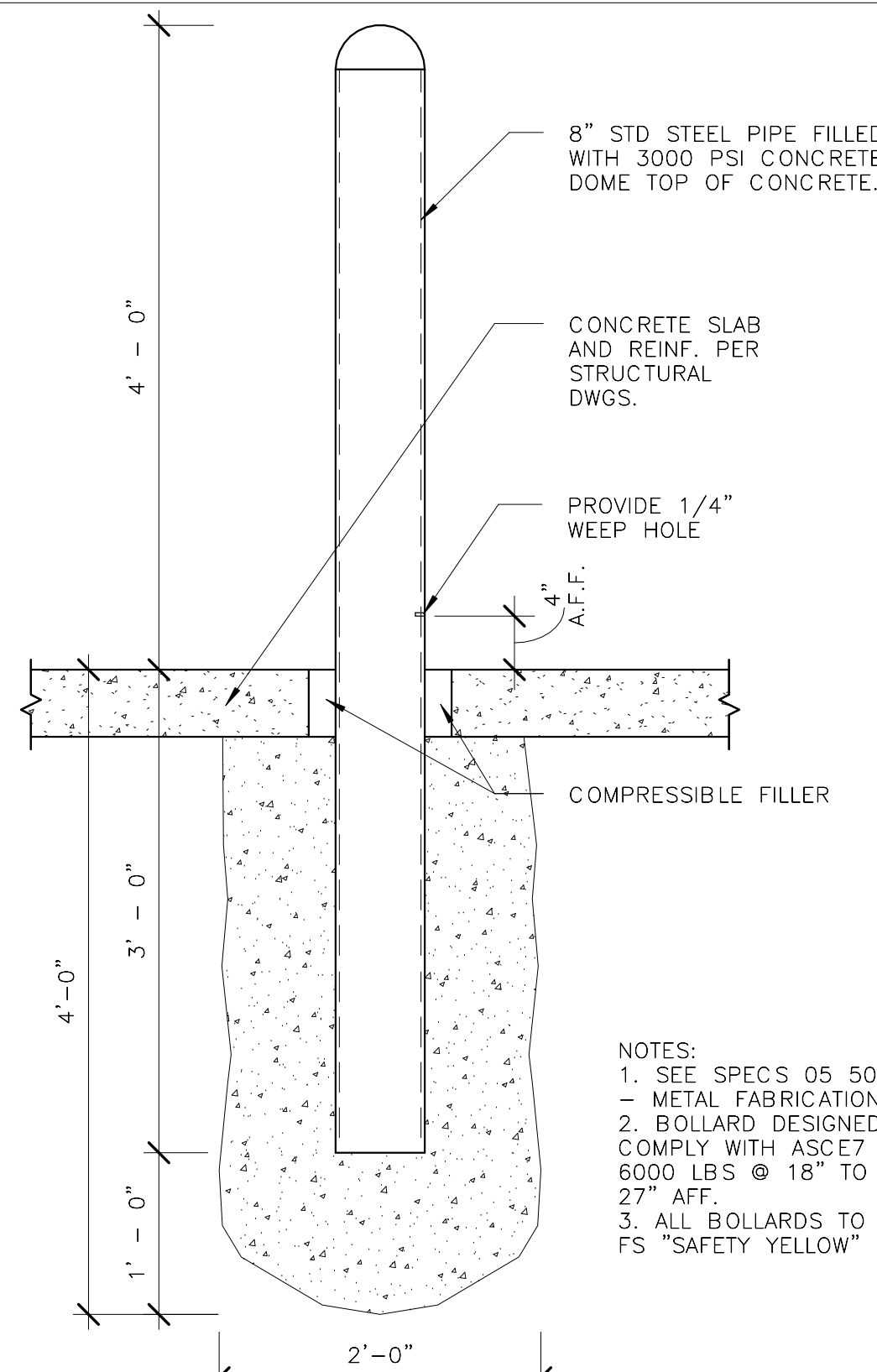
WHB - ENLARGED WALL SECTIONS

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

DRAWING NO.: N99-WHB-A-512



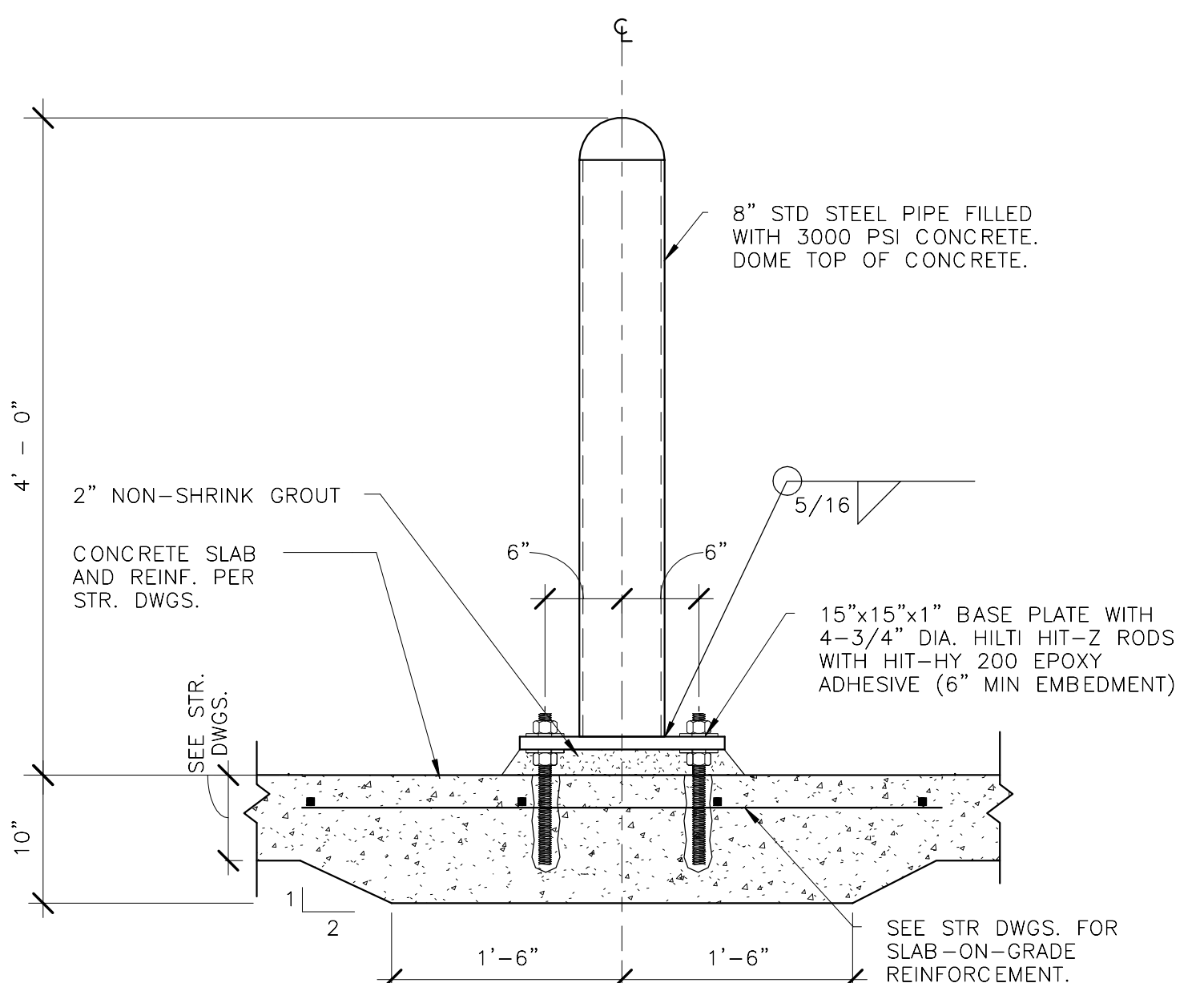
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NOTES:  
1. SEE SPECS 05 50 00 - METAL FABRICATIONS.  
2. BOLLARD DESIGNED TO COMPLY WITH ASCE7 FOR 6000 LBS @ 18" TO 27" AFF.  
3. ALL BOLLARDS TO BE FS "SAFETY YELLOW"

1 TYPICAL IN-GROUND BOLLARD DETAIL - EXTERIOR  
1" = 1'-0"

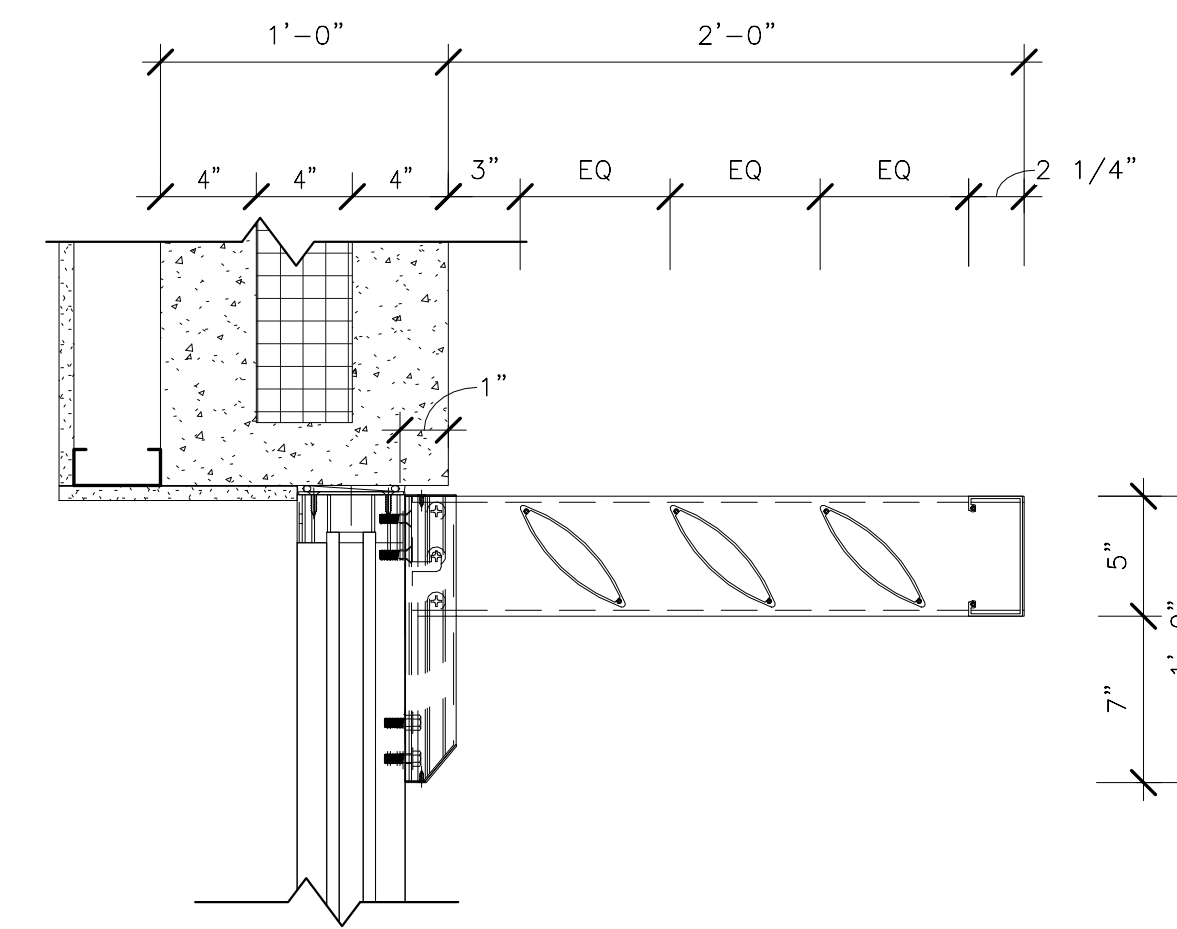
N99-WHB-A-520  
N99-WHB-A-114  
N99-WHB-A-311



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"

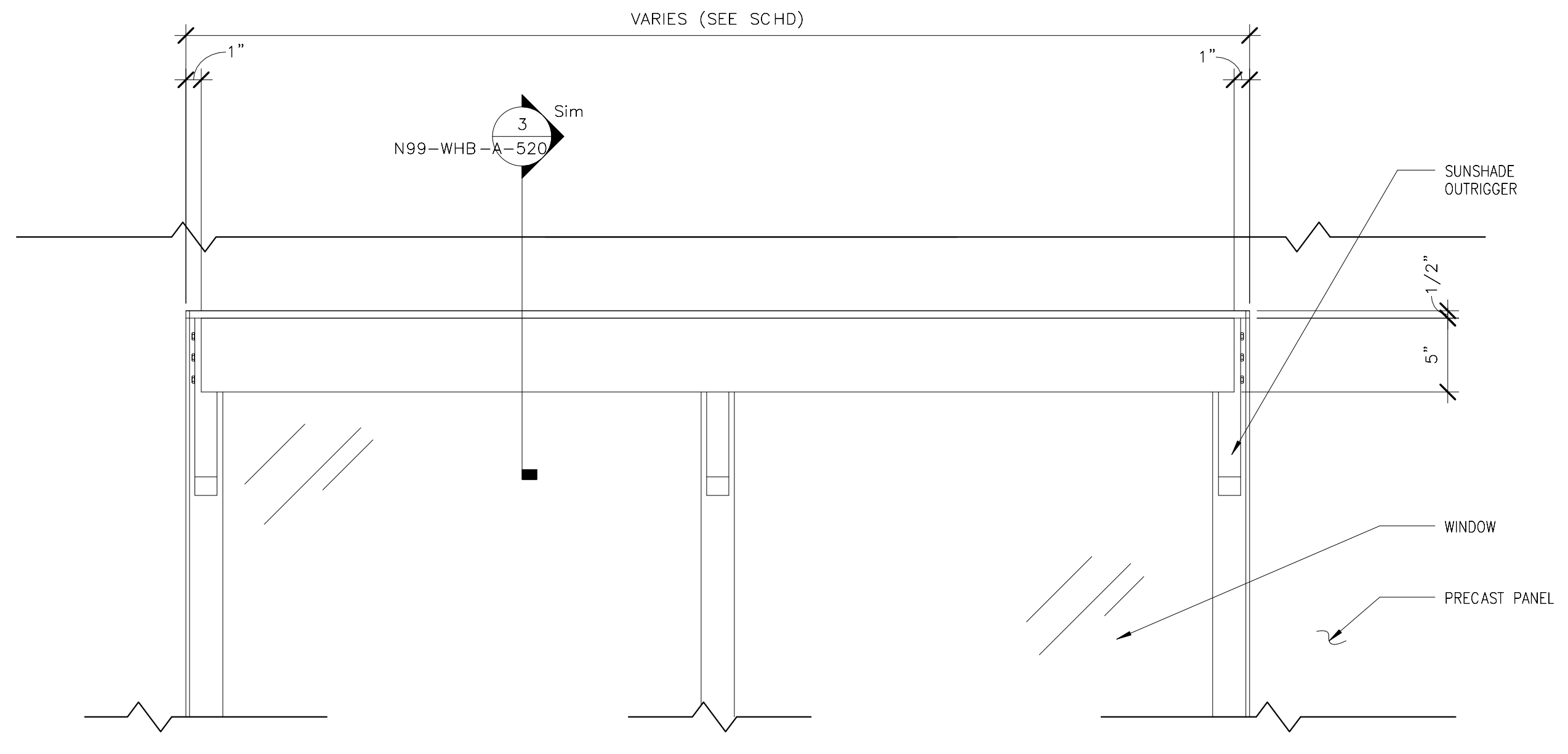
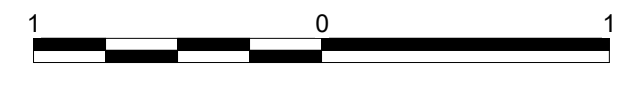
2 TYPICAL BOLT-ON BOLLARD DETAIL - INTERIOR  
1" = 1'-0"

N99-WHB-A-520  
N99-WHB-A-114  
N99-WHB-A-311



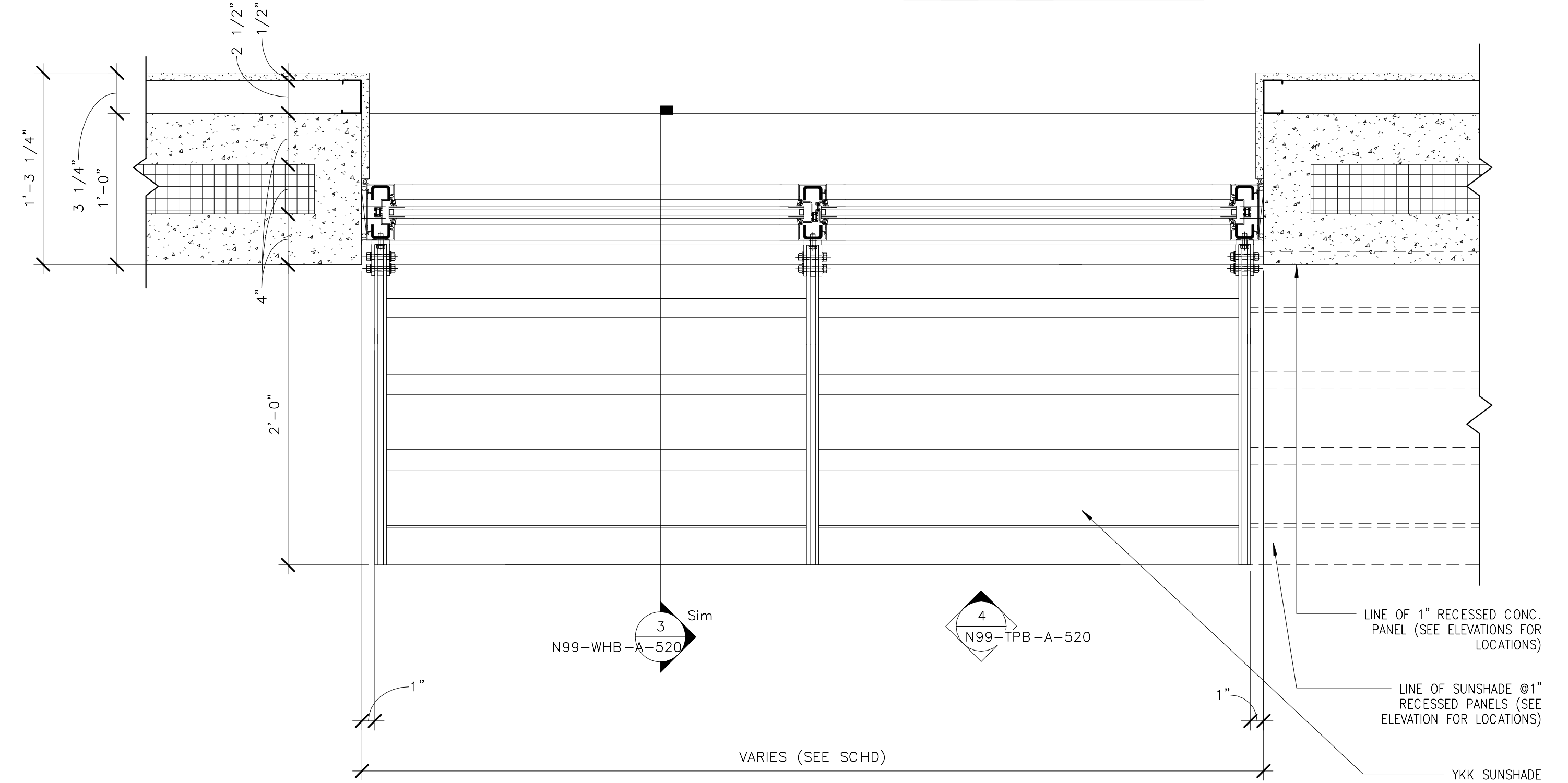
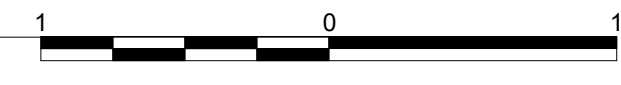
3 SUNSHADE DETAIL - SECTION 1  
1 1/2" = 1'-0"

N99-WHB-A-520  
N99-WHB-A-141



4 SUNSHADE DETAIL - ELEVATION 1  
1 1/2" = 1'-0"

N99-WHB-A-520



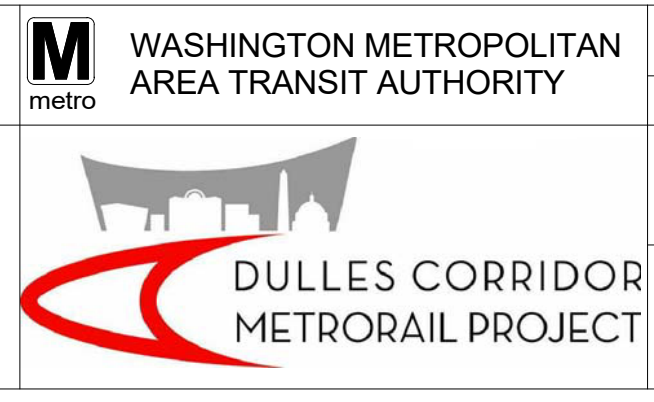
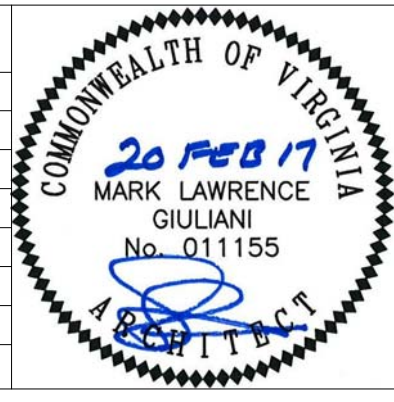
5 SUNSHADE DETAIL - PLAN  
1 1/2" = 1'-0"

N99-WHB-A-520  
N99-WHB-A-412



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

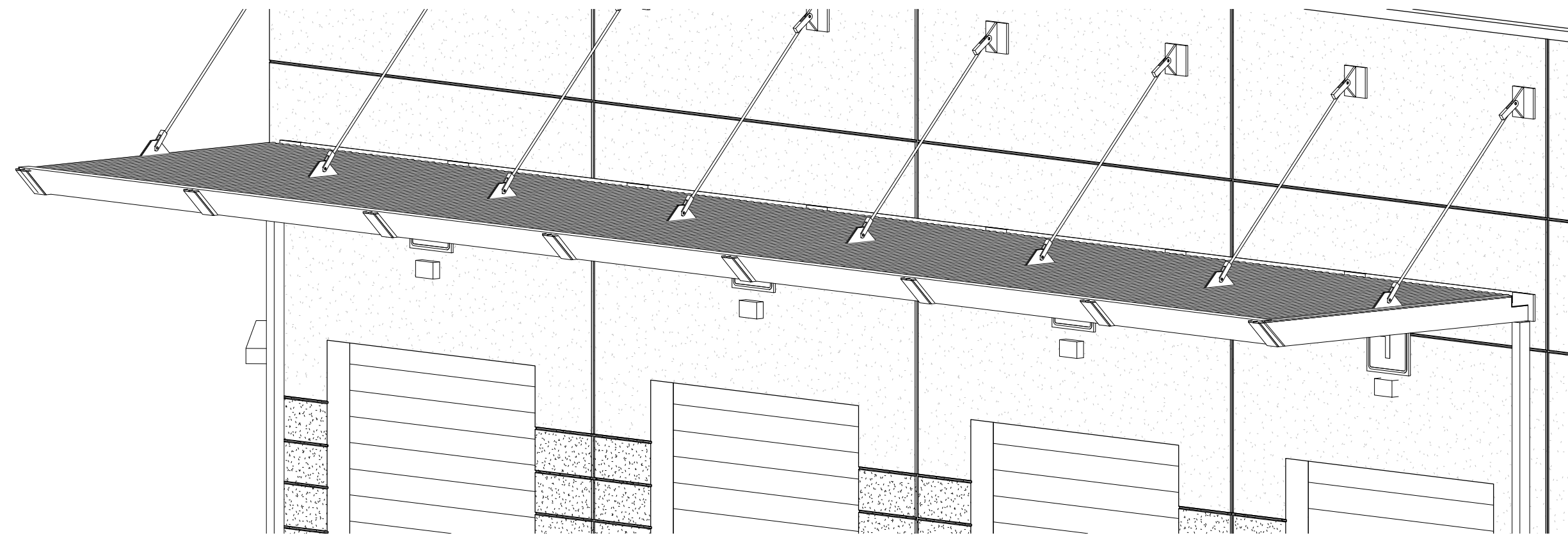
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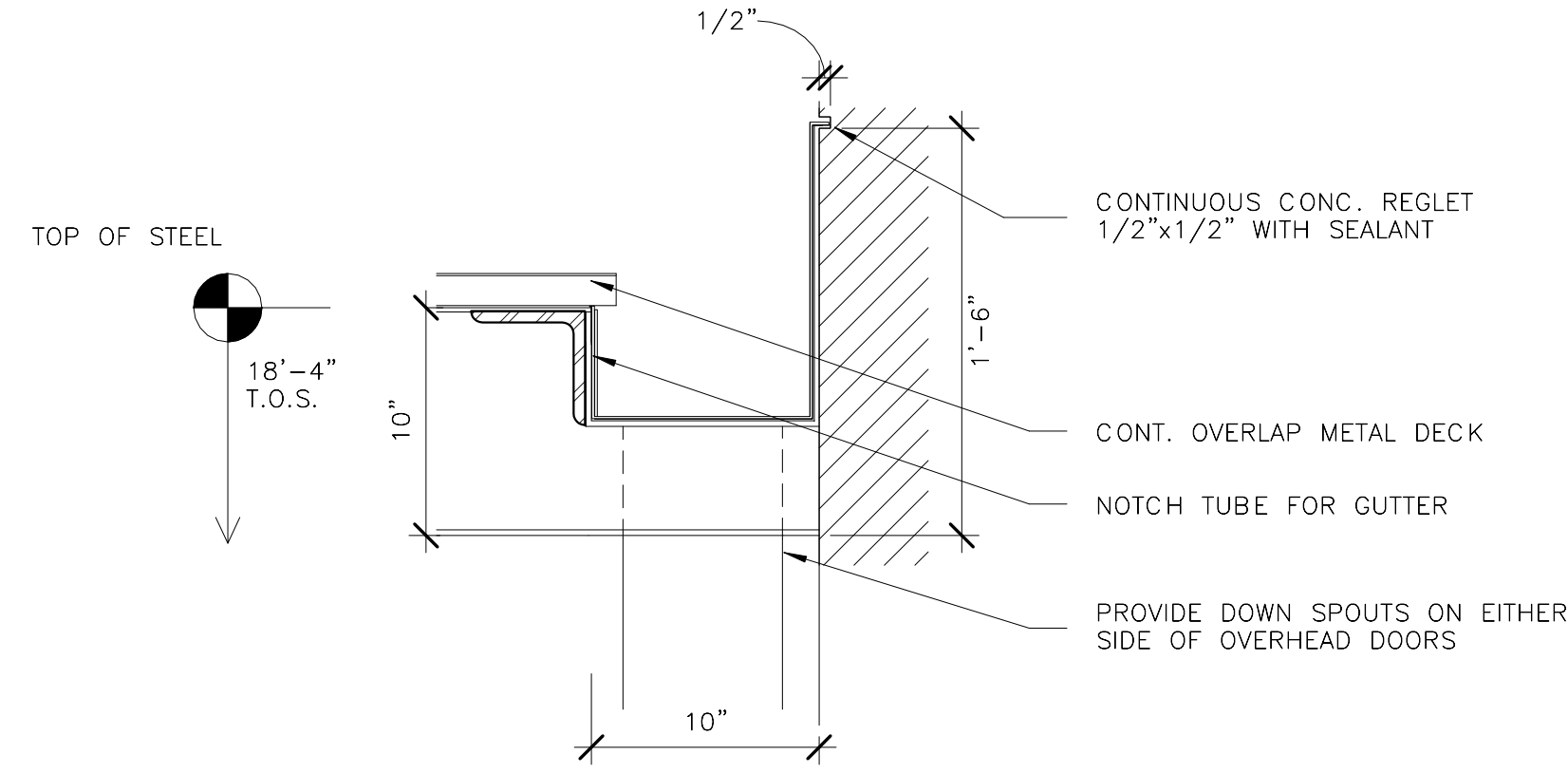
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - SUNSHADE AND MISC. DETAILS			
SCALE: AS NOTED	DRAWING NO.: N99-WHB-A-520		

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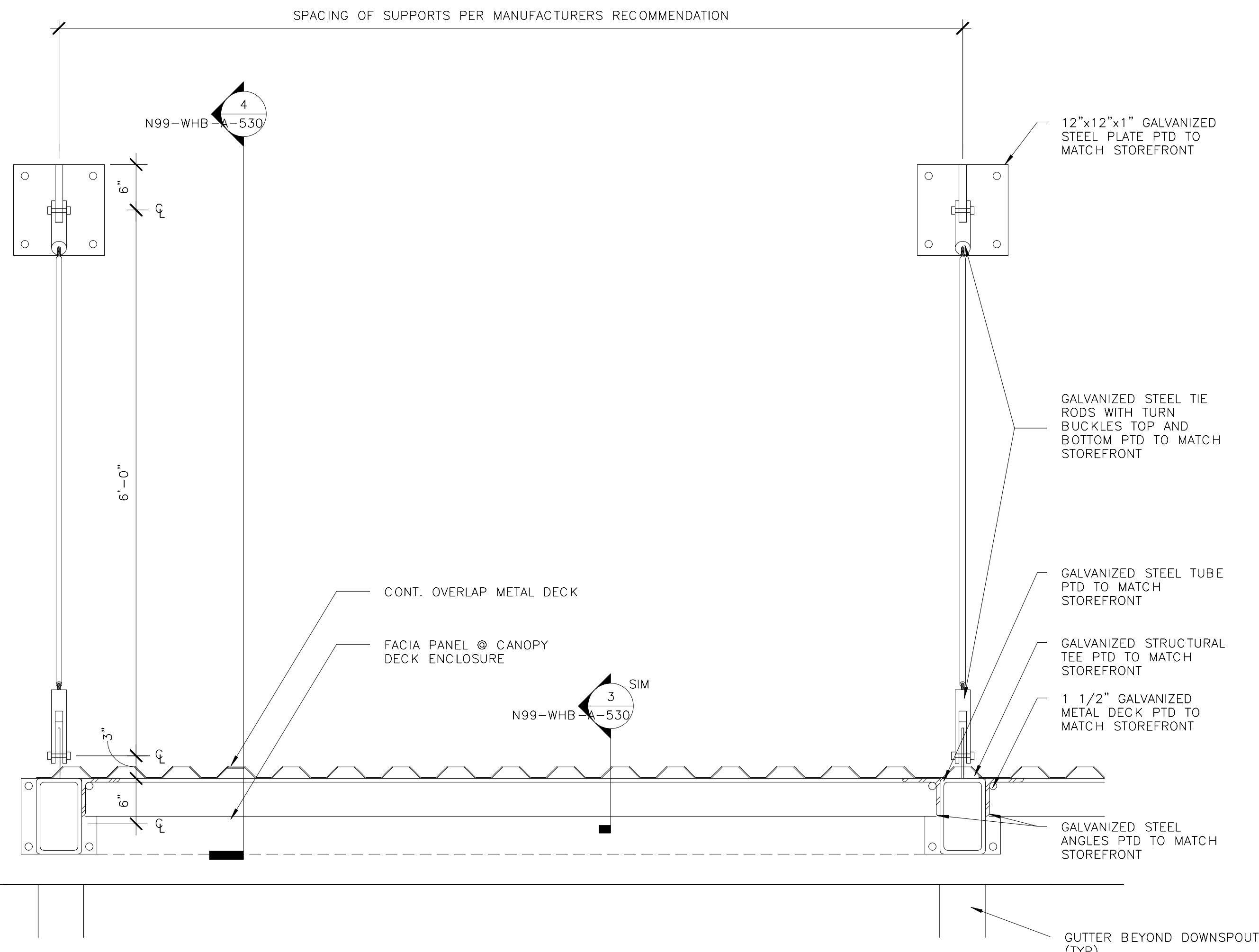
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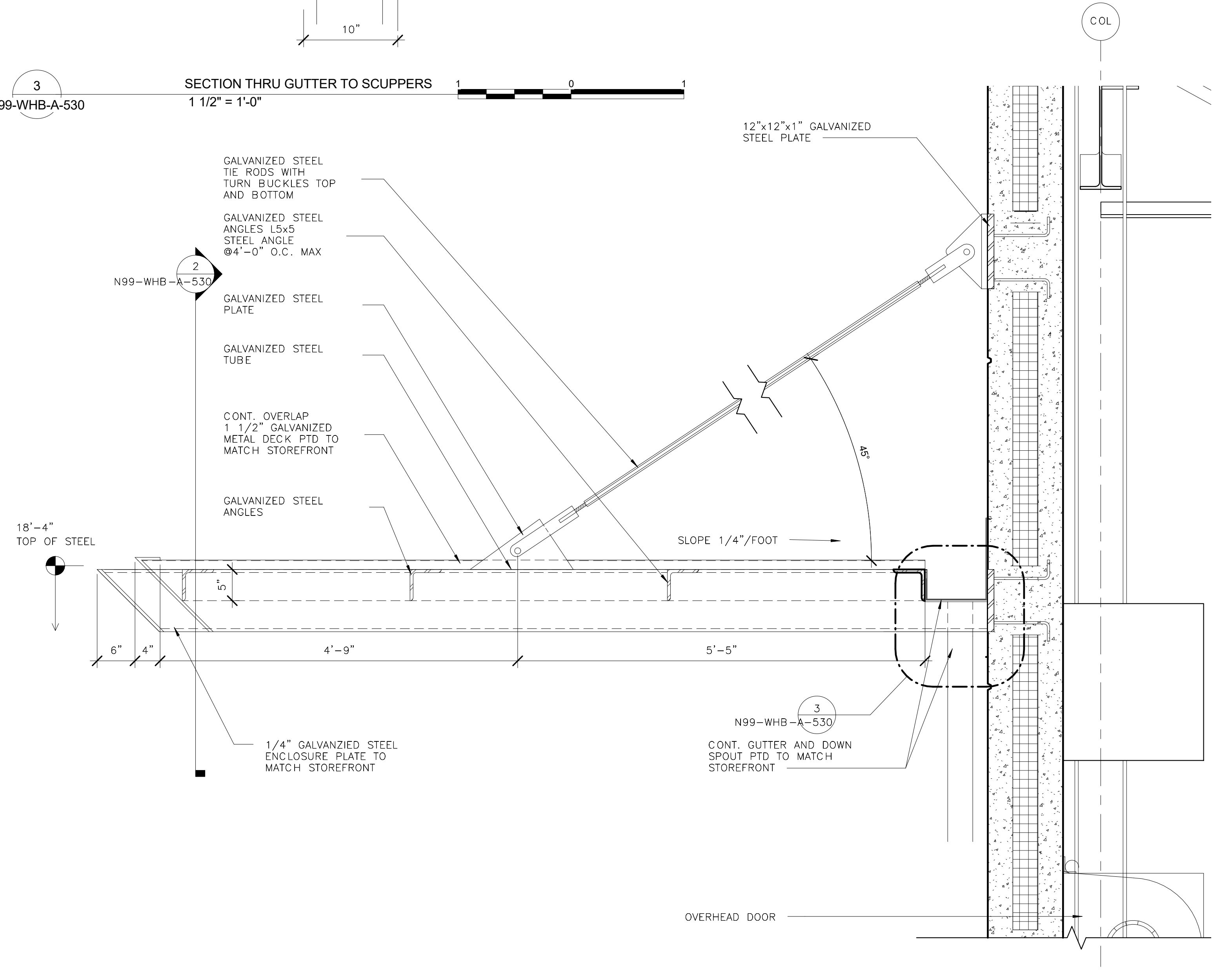
1 CANOPY @ OVERHEAD DOOR - PERSPECTIVE  
N99-WHB-A-530 NTS



3 SECTION THRU GUTTER TO SCUPPERS  
N99-WHB-A-530 1 1/2" = 1'-0"



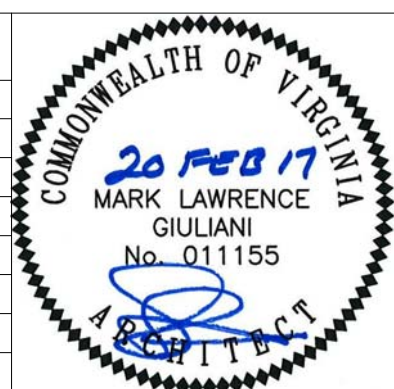
2 CANOPY @ OVERHEAD DOOR - SECTION BEAM TO BEAM  
N99-WHB-A-530 1" = 1'-0"



4 CANOPY @ OVERHEAD DOOR - SECTION AT WALL  
N99-WHB-A-530 N99-WHB-A-121 1" = 1'-0"

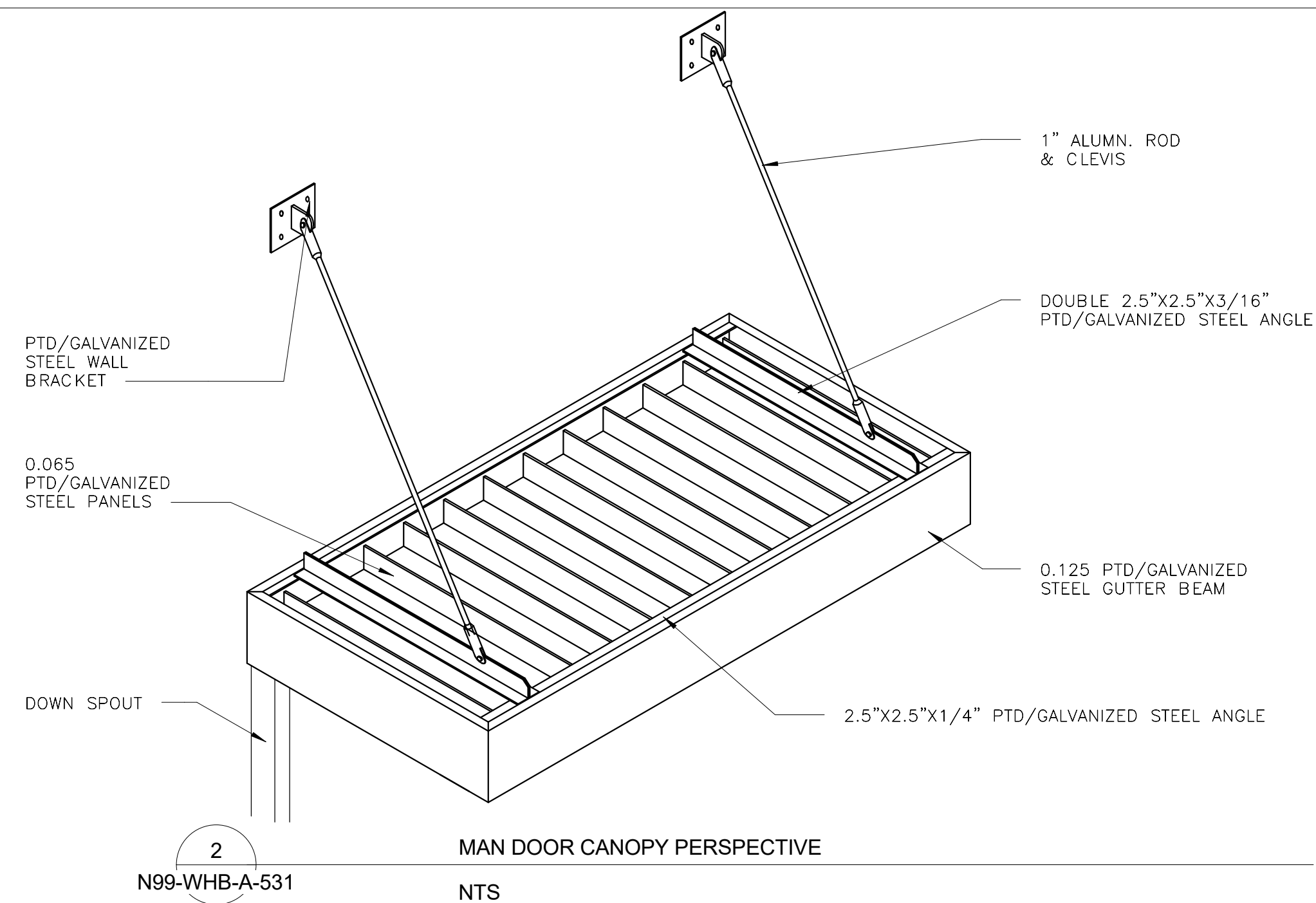
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C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									

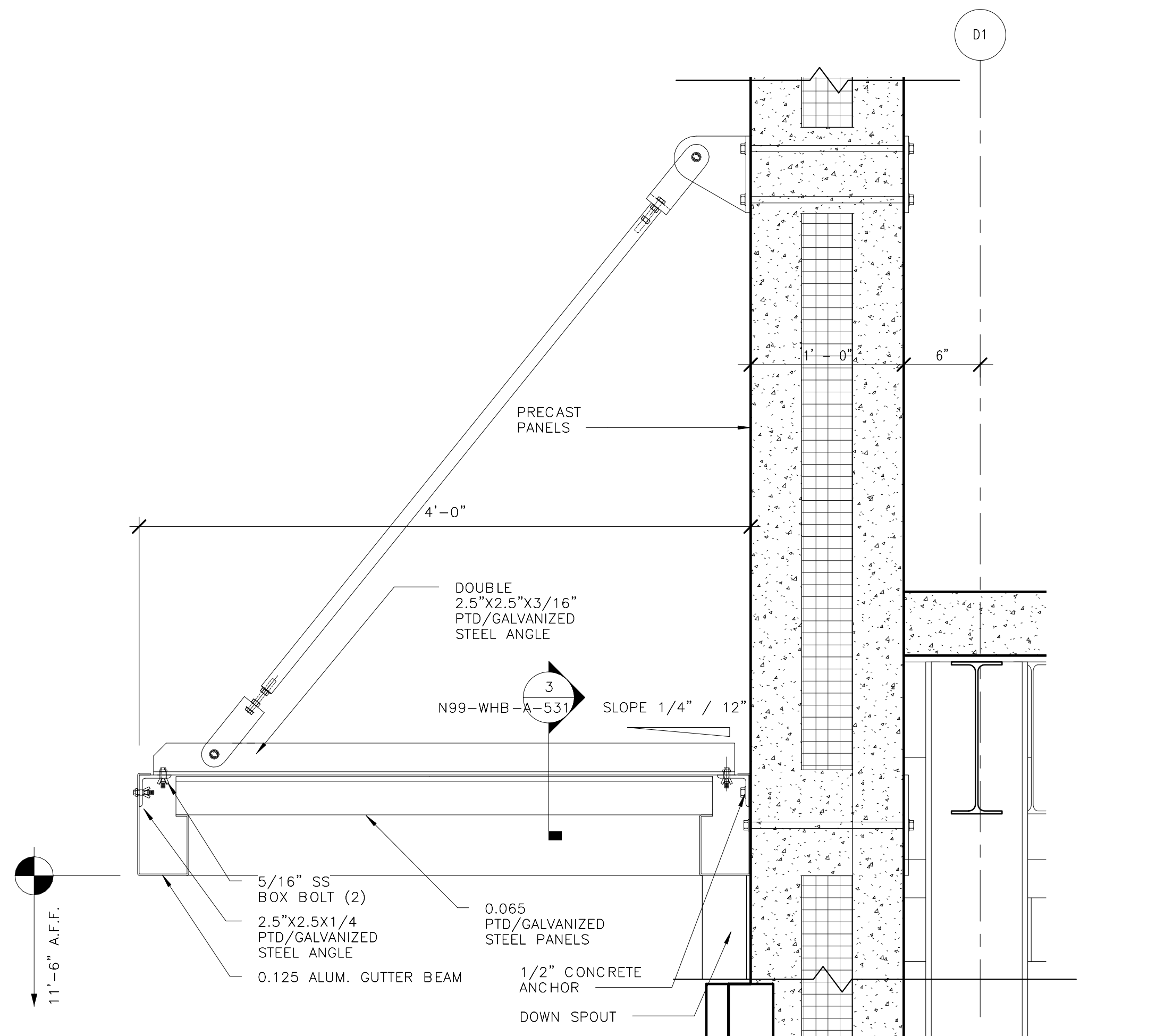


 <b>METROPOLITAN WASHINGTON AIRPORTS AUTHORITY</b>	 <b>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</b>	<b>WMATA LDP 2009</b> <b>RAIL YARD AND MAINTENANCE FACILITY</b>	<b>39D-02-16</b> <b>WHB - OVERHEAD DOOR CANOPY DETAILS</b>	<b>CONTRACT NO.:</b> <b>8-14-C001</b>
 <b>giuliani ASSOCIATES ARCHITECTS</b>	 <b>HENSEL PHELPS</b> Plan. Build. Manage.	 <b>DULLES CORRIDOR METRORAIL PROJECT</b>	<b>SCALE:</b> AS NOTED	<b>DRAWING NO.:</b> N99-WHB-A-530

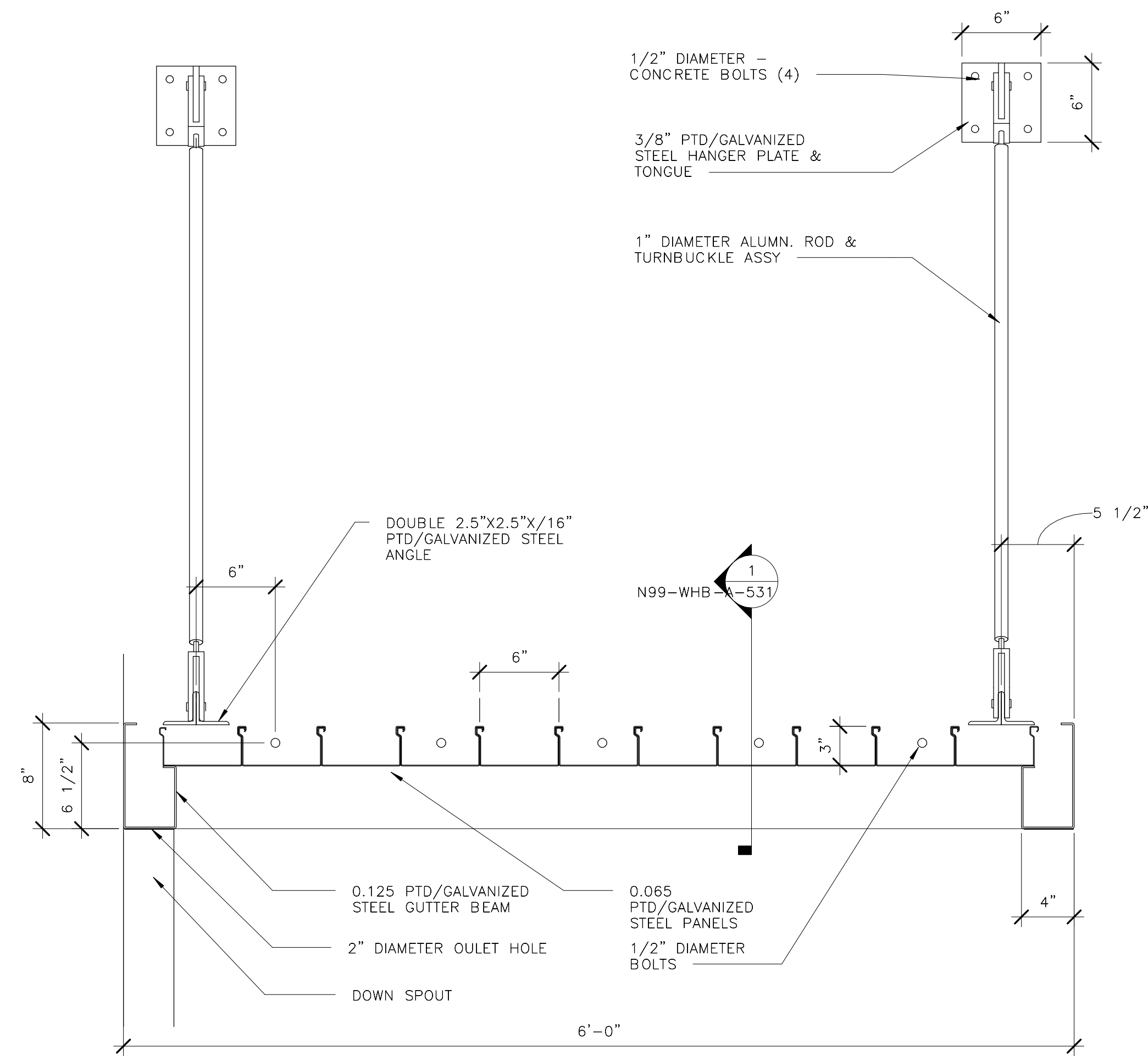
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2  
N99-WHB-A-531  
MAN DOOR CANOPY PERSPECTIVE  
NTS

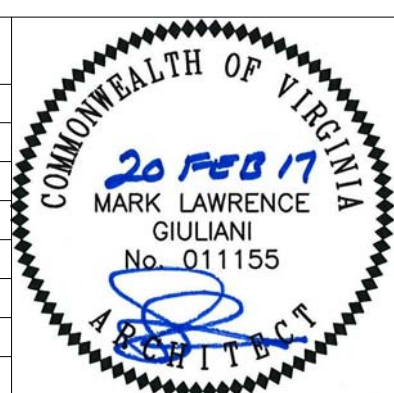


1  
N99-WHB-A-531  
N99-WHB-A-141  
N99-WHB-A-142  
N99-WHB-A-111  
MAN DOOR CANOPY - SECTION  
1 1/2" = 1'-0"



3  
N99-WHB-A-531  
MAN DOOR CANOPY - ELEVATION  
1 1/2" = 1'-0"

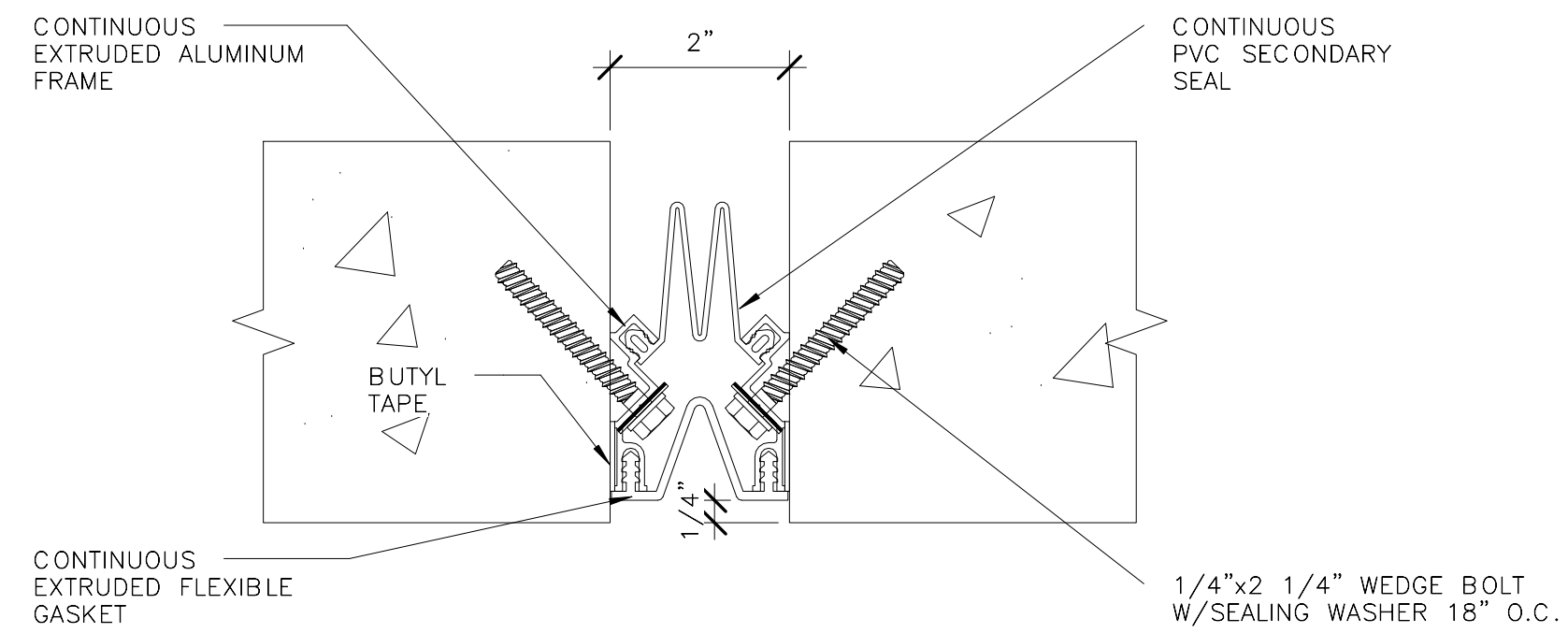
ORIGINATORS		REFERENCE DRAWINGS		REVISIONS			
NAME	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK CTH MLG MLG
C. HOLMES	02/20/2017						
J. KELLEHER	02/20/2017						
M. GIULIANI	02/20/2017						



 <b>METROPOLITAN WASHINGTON AIRPORTS AUTHORITY</b>	 <b>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</b>	<b>WMATA LDP 2009</b> <b>RAIL YARD AND MAINTENANCE FACILITY</b>	<b>39D-02-16</b> <b>WHB - MAN DOOR CANOPY DETAILS</b>	<b>CONTRACT NO.:</b> <b>8-14-C001</b>
 <b>giuliani ASSOCIATES ARCHITECTS</b>	 <b>HENSEL PHELPS</b> Plan. Build. Manage.	 <b>DULLES CORRIDOR METRORAIL PROJECT</b>	<b>SCALE:</b> 1 1/2" = 1'-0"	<b>DRAWING NO.:</b> N99-WHB-A-531

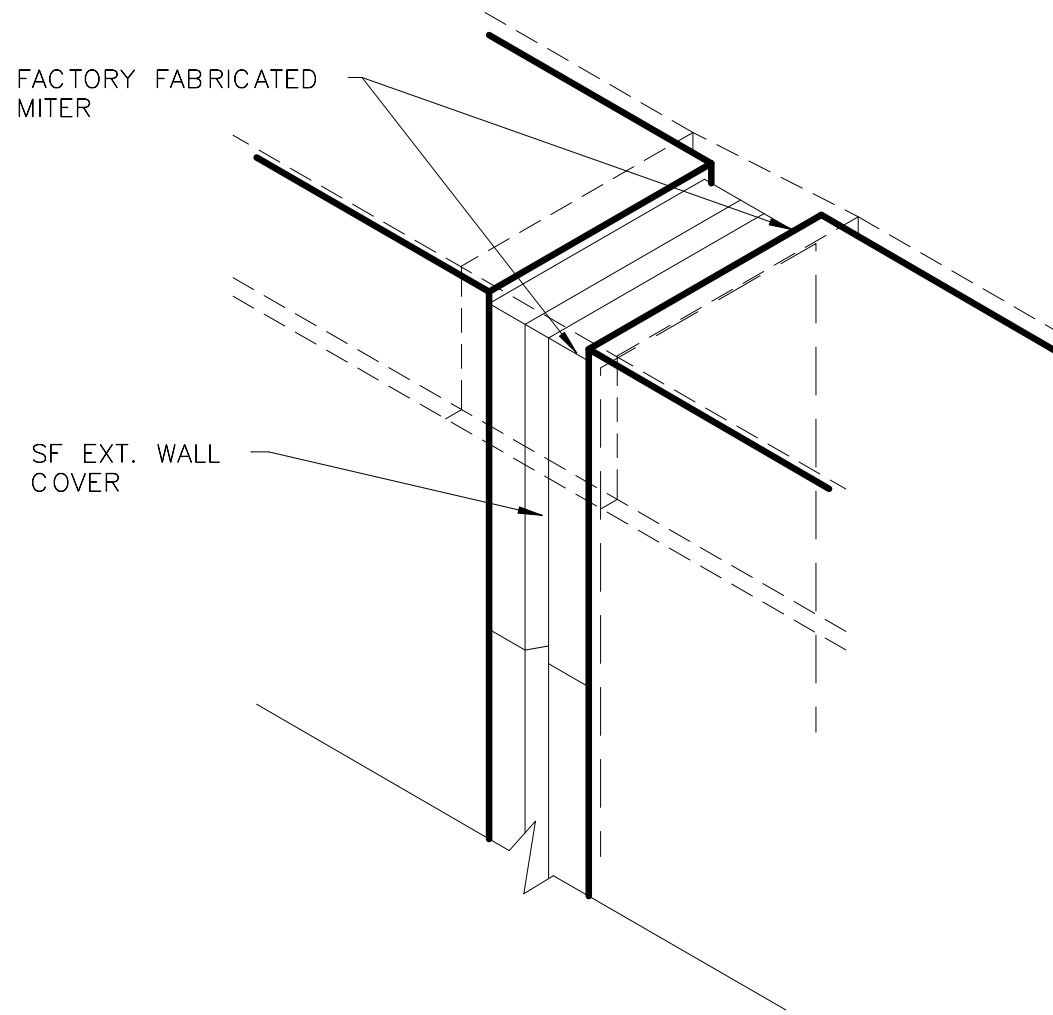
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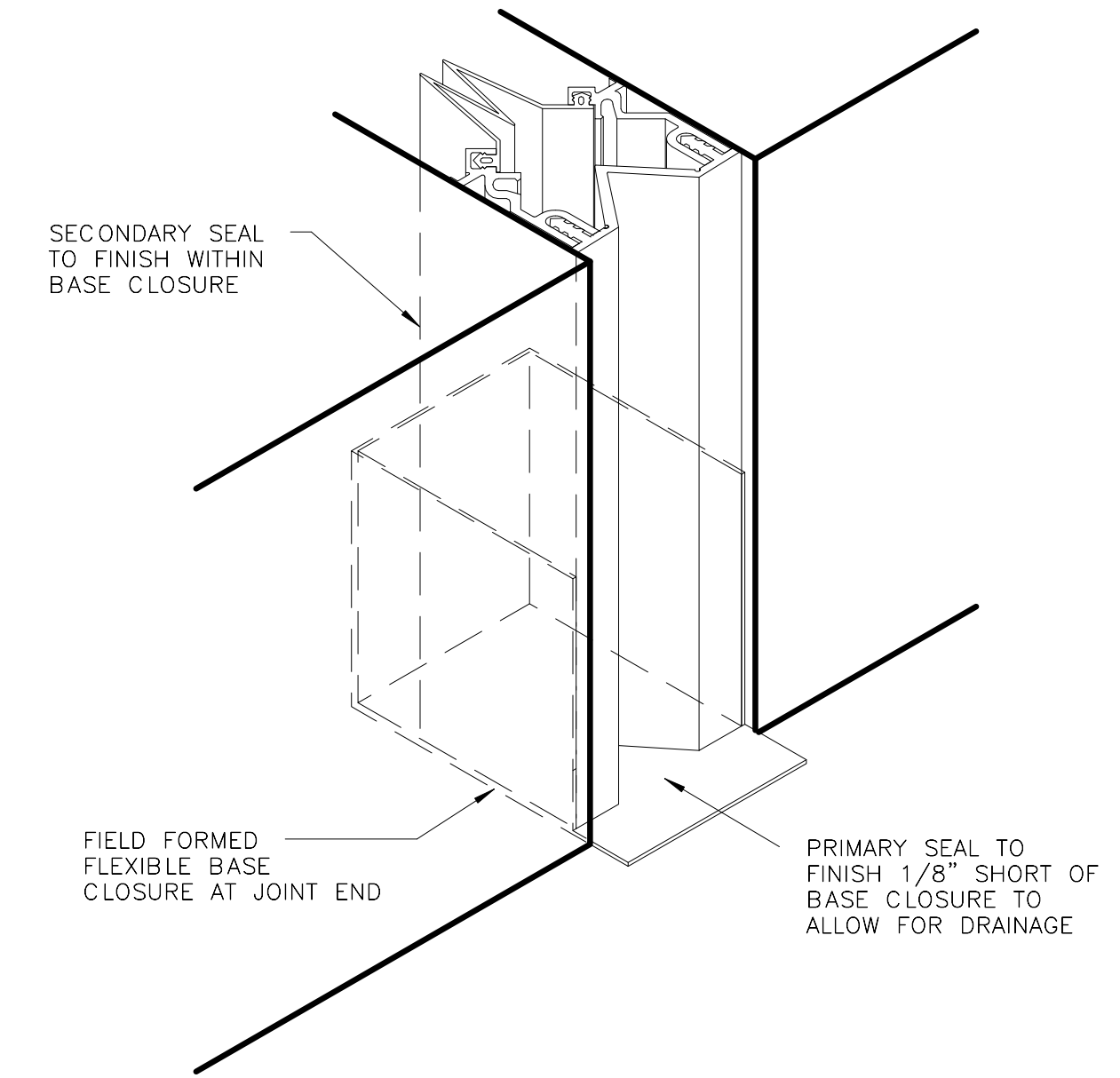
1 EXPANSION JOINT @ WALL  
6" = 1'-0"

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N99-WHB-A-143  
N99-WHB-A-145



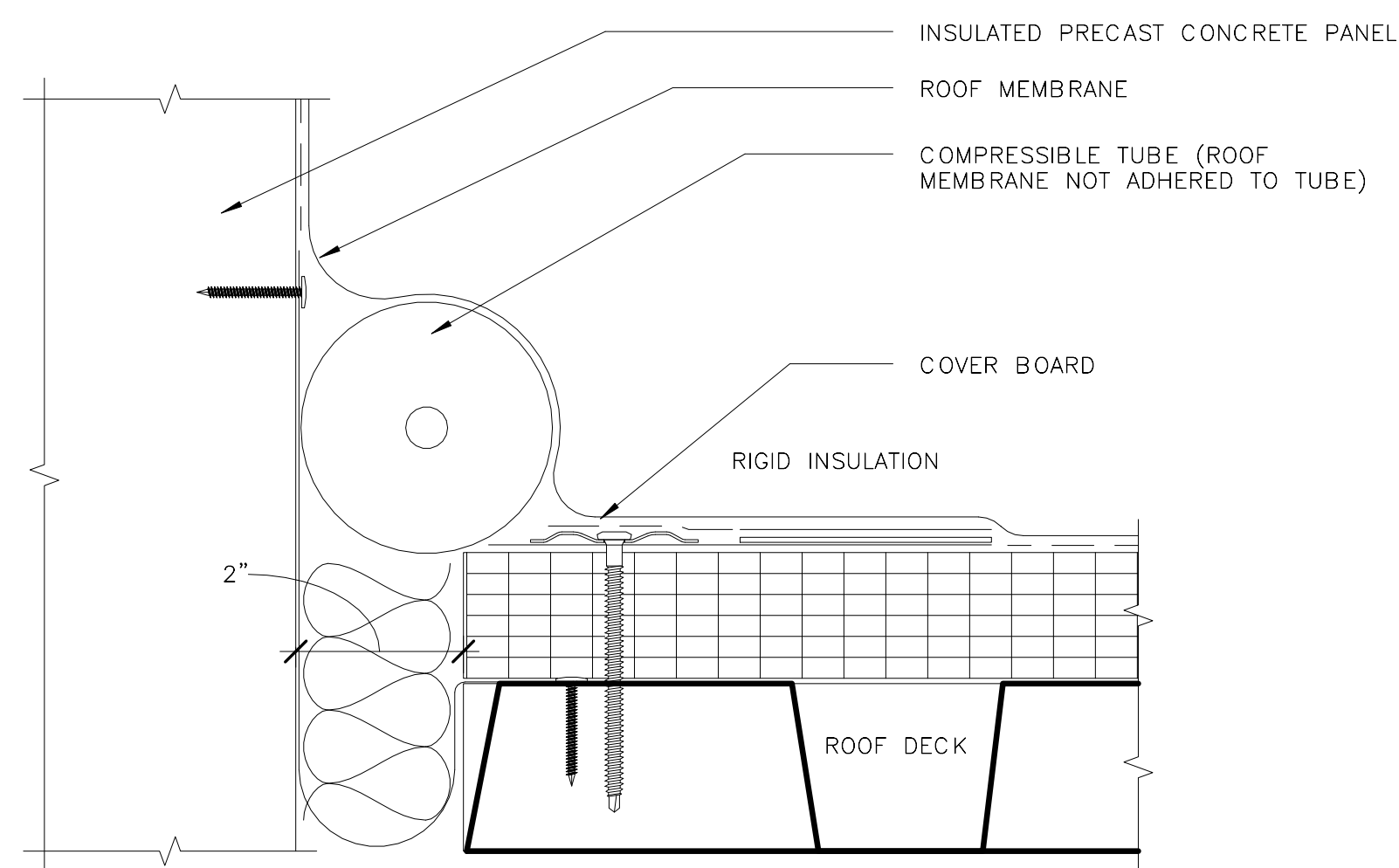
2 EXPANSION JOINT @ PARAPET PERIMETER  
6" = 1'-0"

N99-WHB-A-540  
N99-WHB-A-143  
N99-WHB-A-145



3 EXPANSION JOINT @ WALL (BASE CLOSURE)  
6" = 1'-0"

N99-WHB-A-540  
N99-WHB-A-143  
N99-WHB-A-145

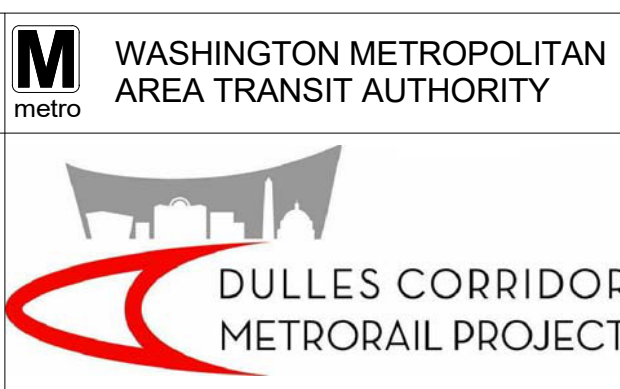
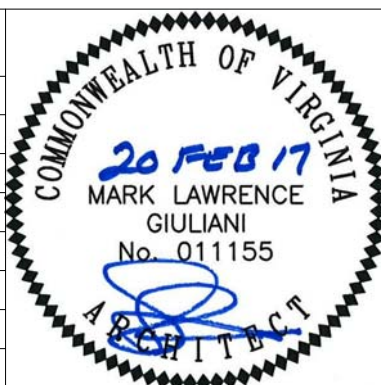


4 PARAPET EXPANSION JOINT @ ROOF  
6" = 1'-0"

N99-WHB-A-540  
N99-WHB-A-143  
N99-WHB-A-145  
N99-WHB-A-510  
N99-WHB-A-512

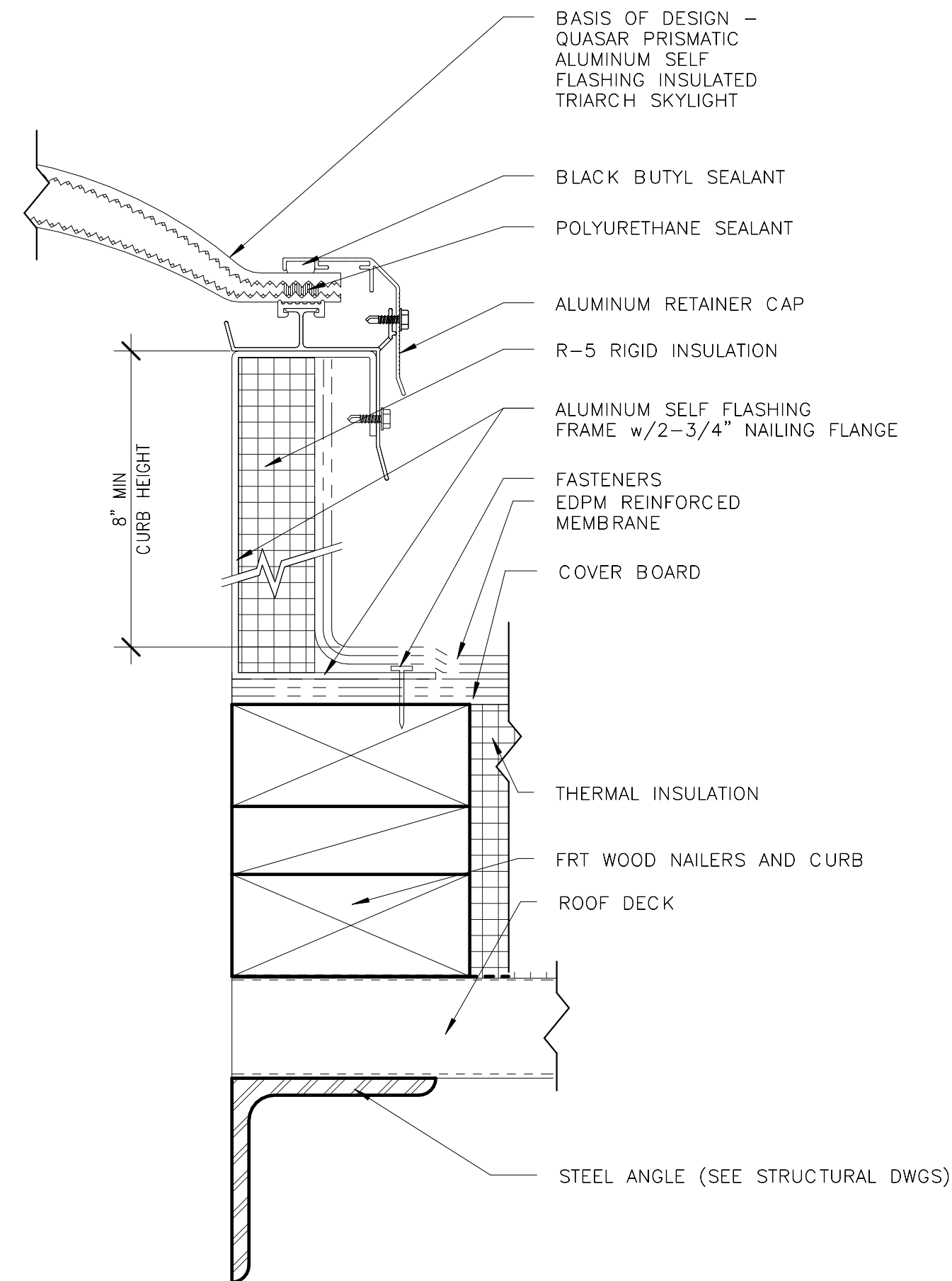
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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - EXPANSION JOINT DETAILS			
SCALE: 6" = 1'-0"	DRAWING NO.: N99-WHB-A-540		

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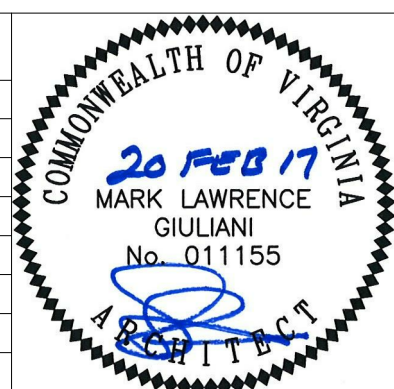


1 SKYLIGHT  
6" = 1'-0"

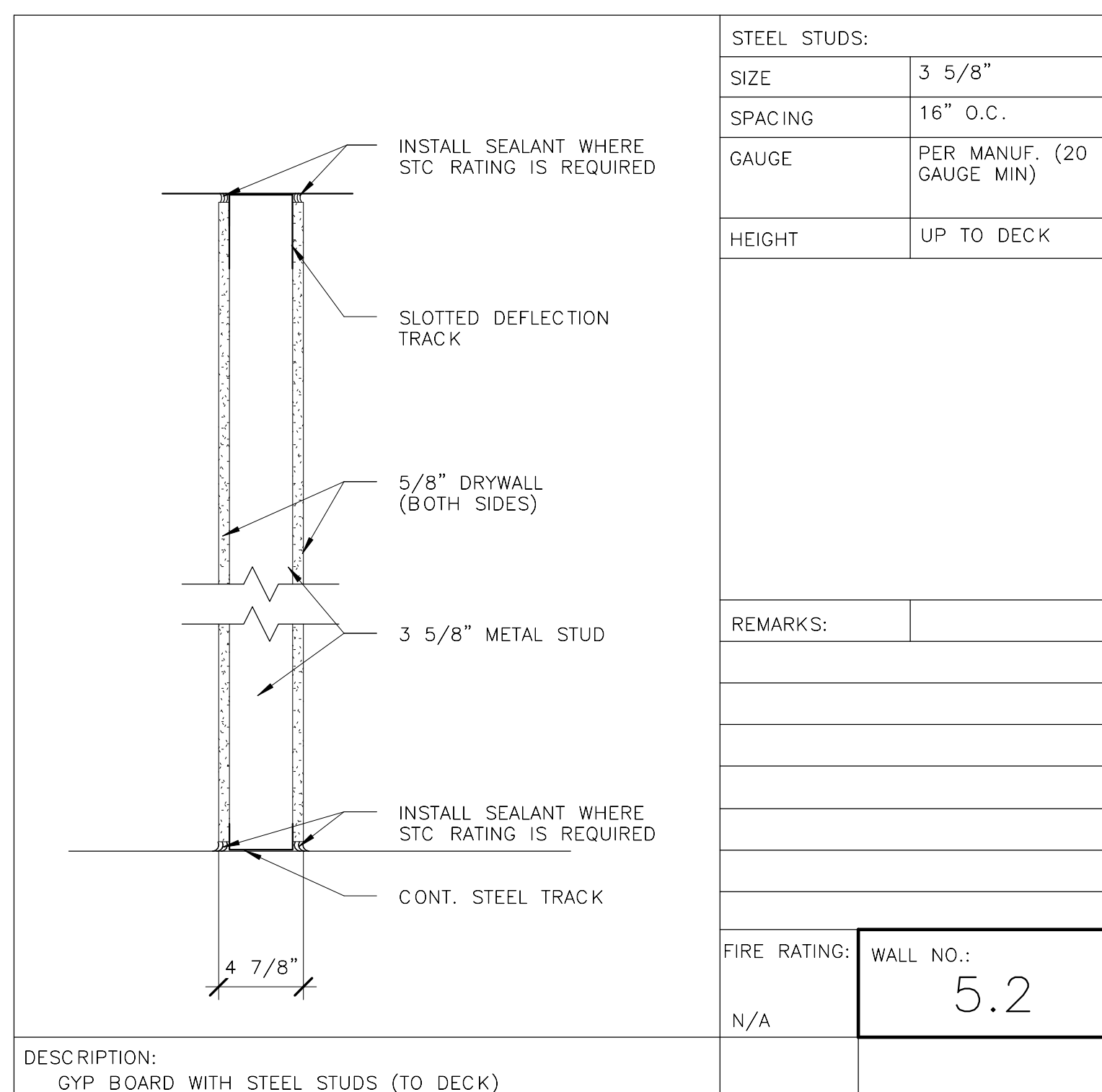
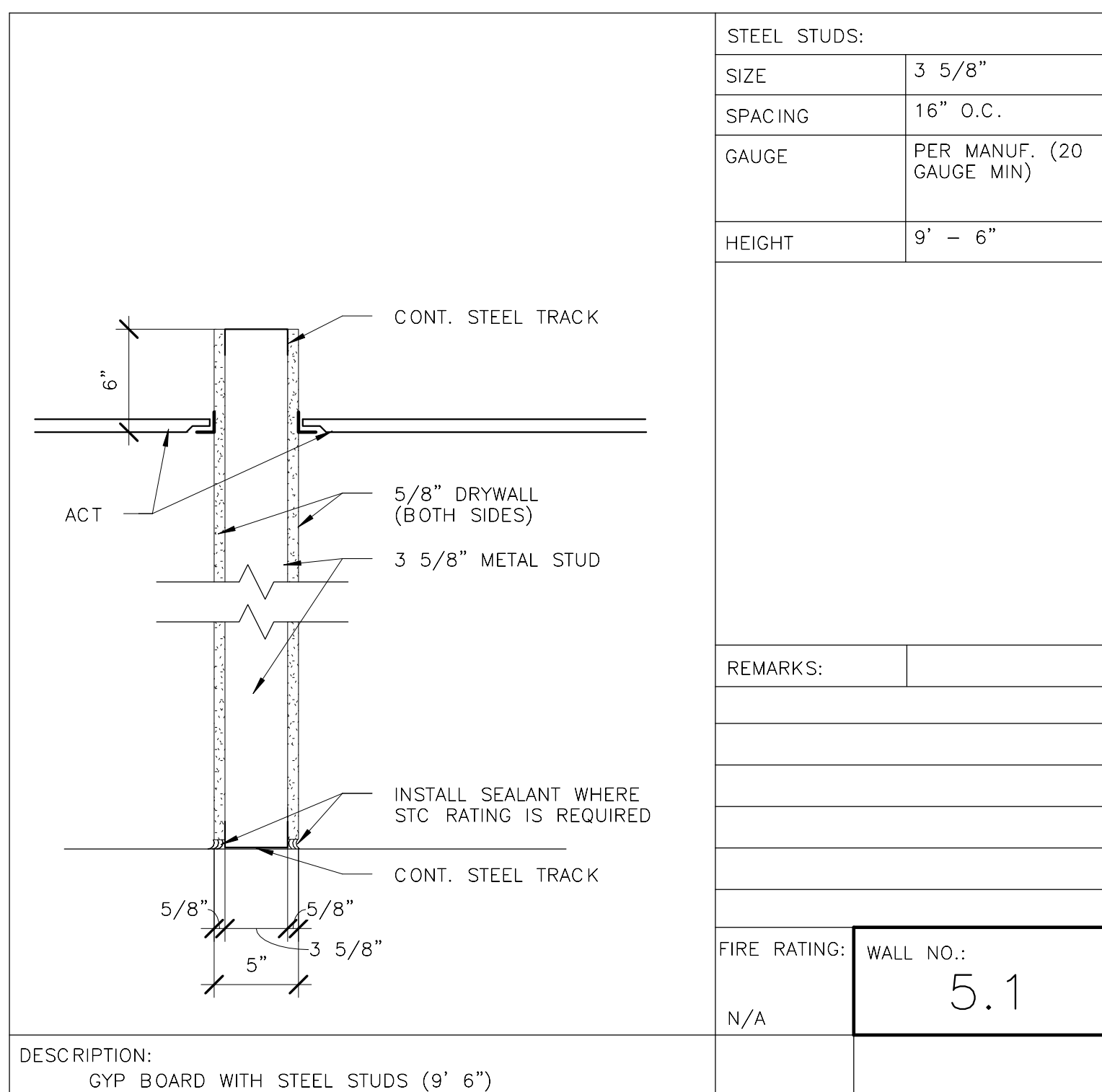
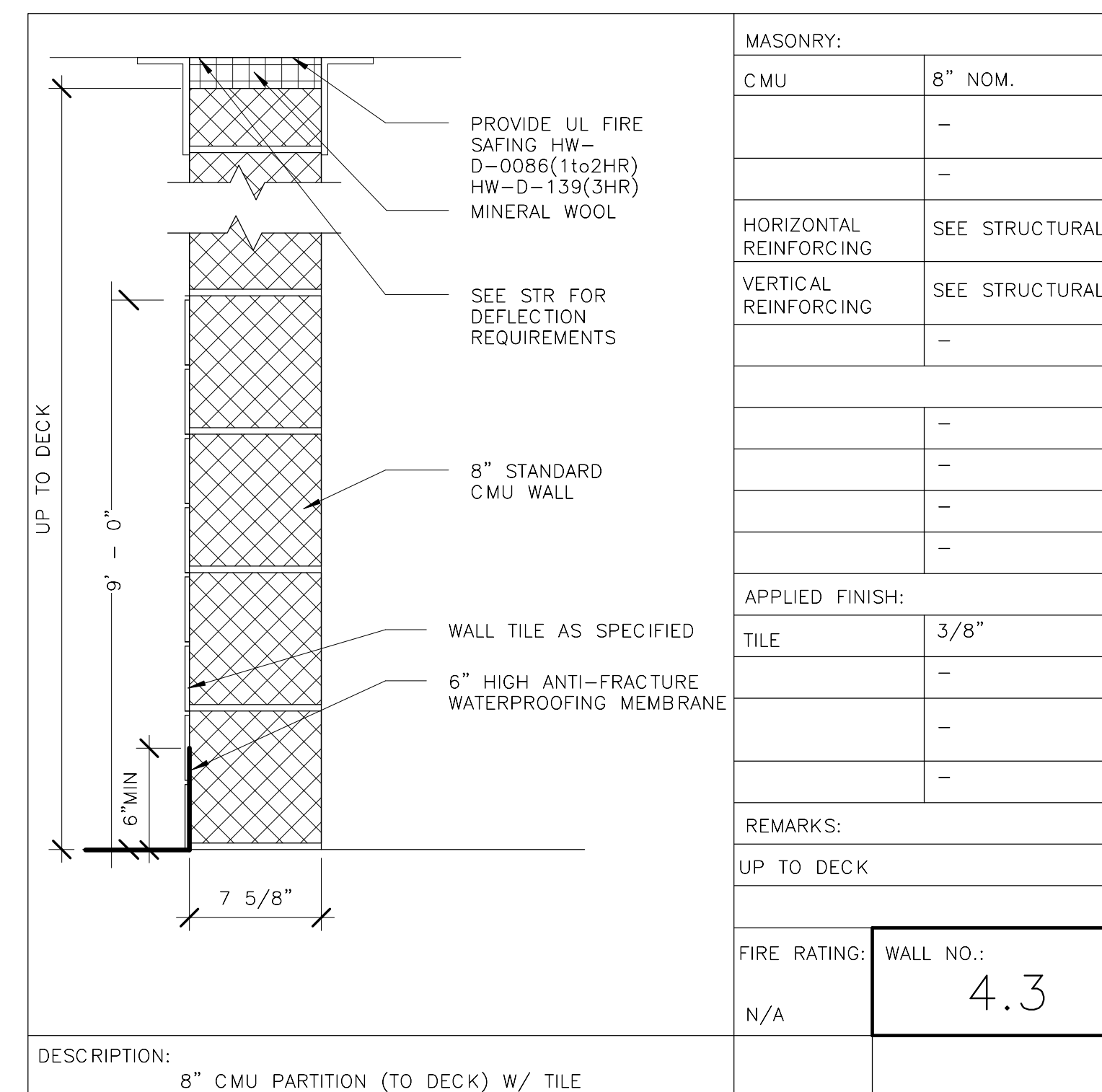
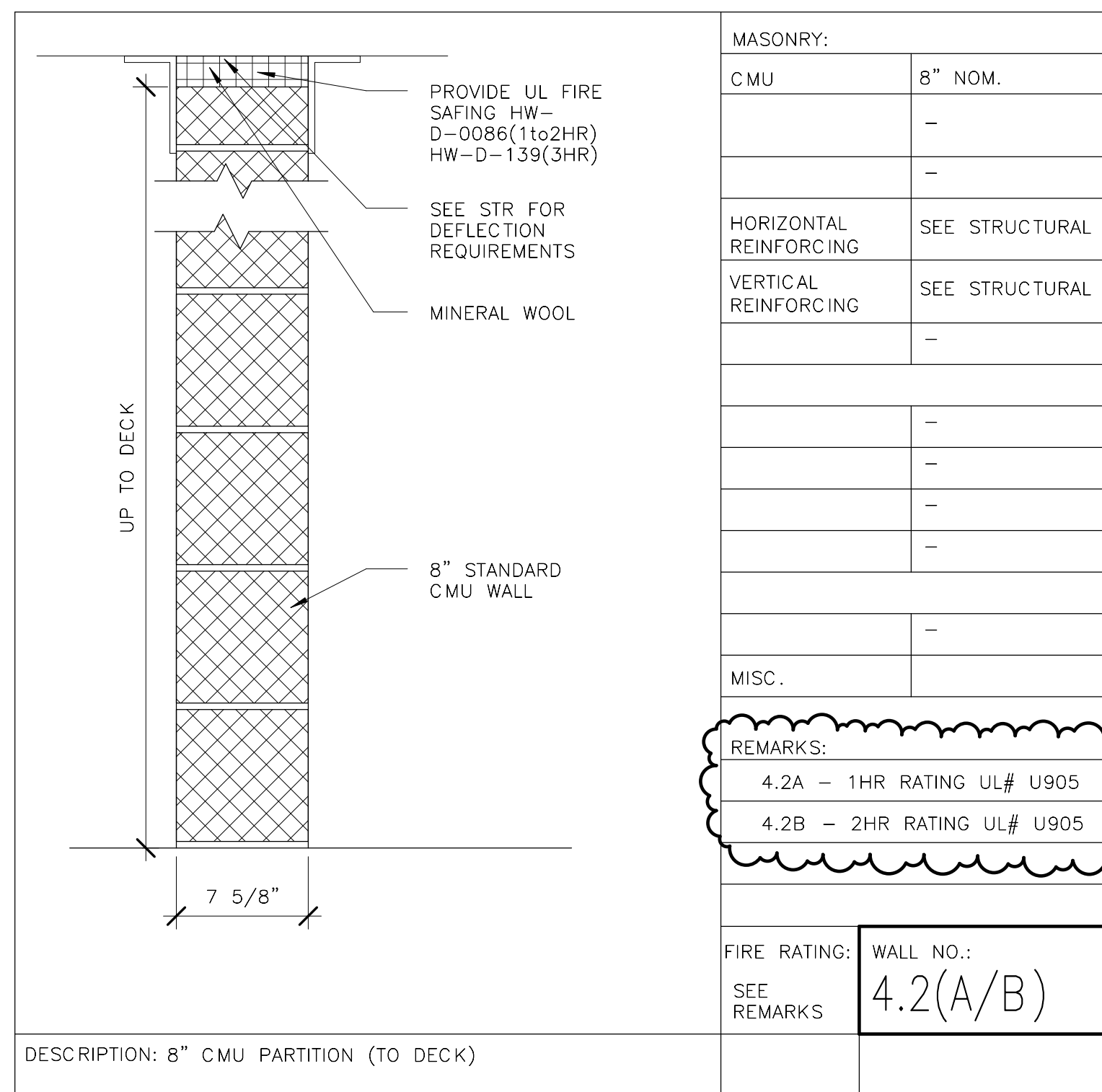
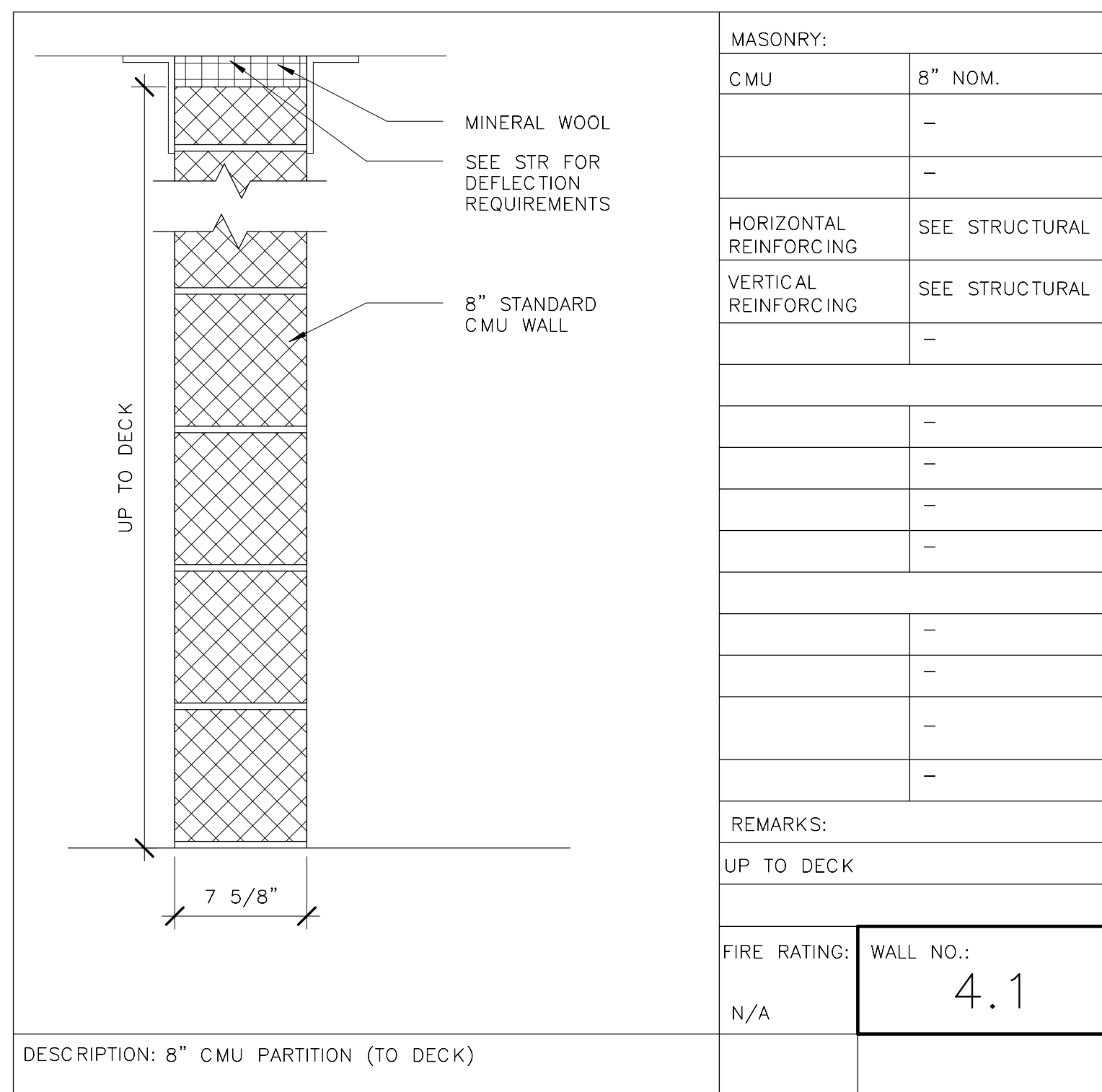
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N99-WHB-A-142  
N99-WHB-A-143  
N99-WHB-A-144  
N99-WHB-A-145

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



 METROPOLITAN WASHINGTON AIRPORTS AUTHORITY	 WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009 39D-02-16 CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>		
<b>WHB - SKYLIGHT DETAILS</b>		
 giuliani ASSOCIATES ARCHITECTS	 HENSEL PHELPS Plan. Build. Manage.	 DULLES CORRIDOR METRORAIL PROJECT
SCALE: 6" = 1'-0"		DRAWING NO.: N99-WHB-A-570



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

REFERENCE DRAWINGS		REVISIONS						
NUMBER	DESCRIPTION	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



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

**giuliani** ASSOCIATES ARCHITECTS

**HENSEL PHELPS** Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

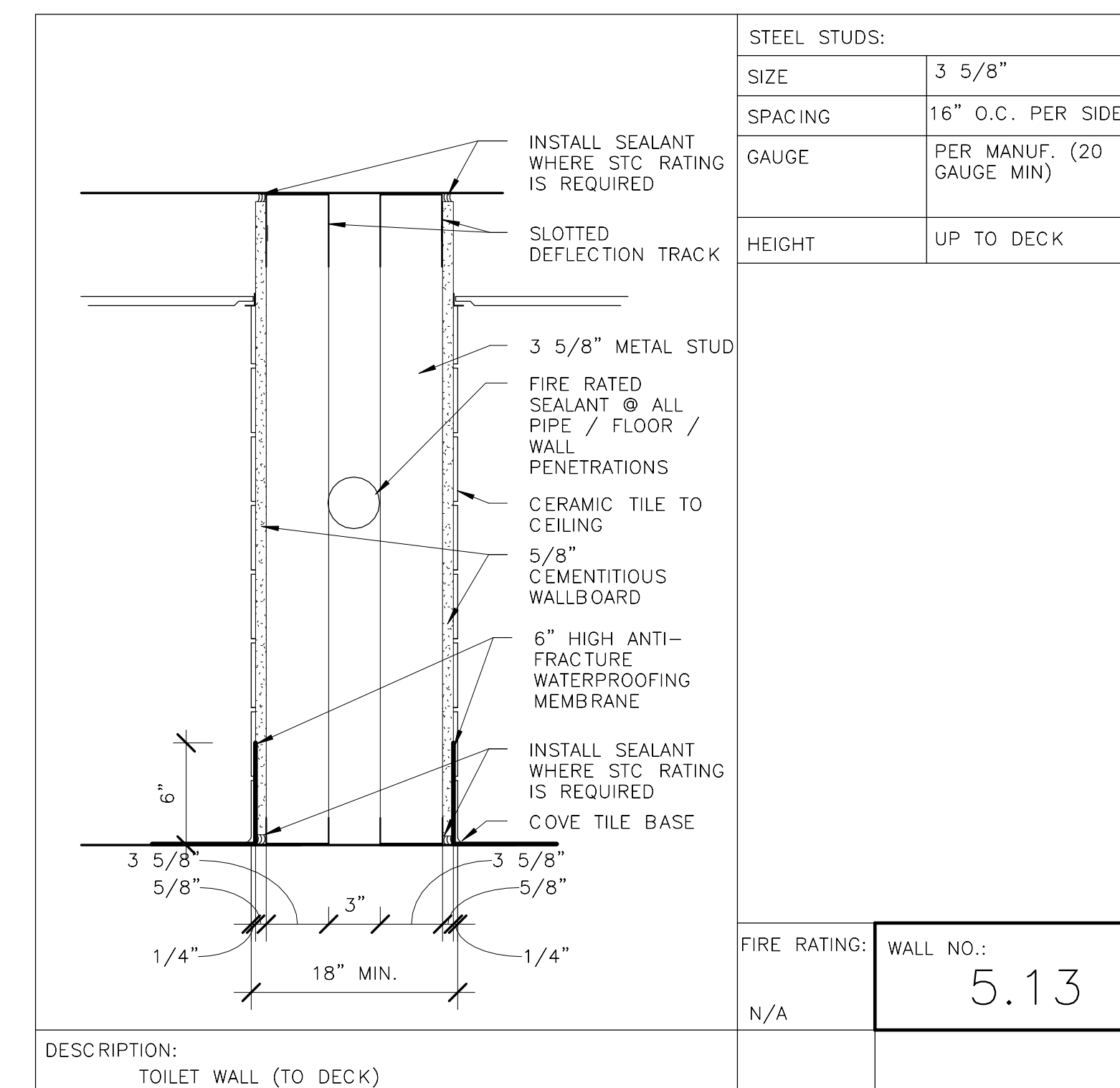
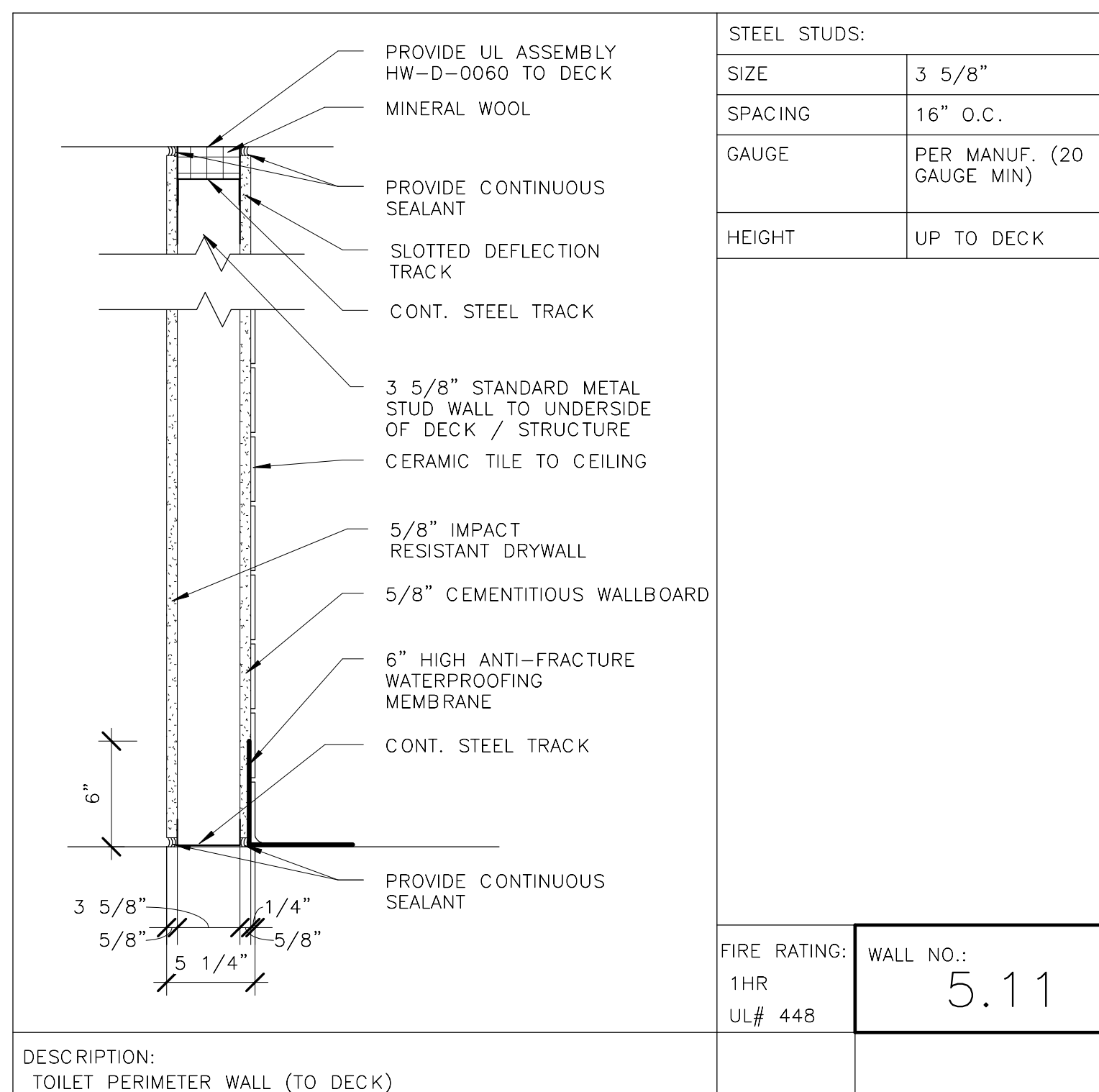
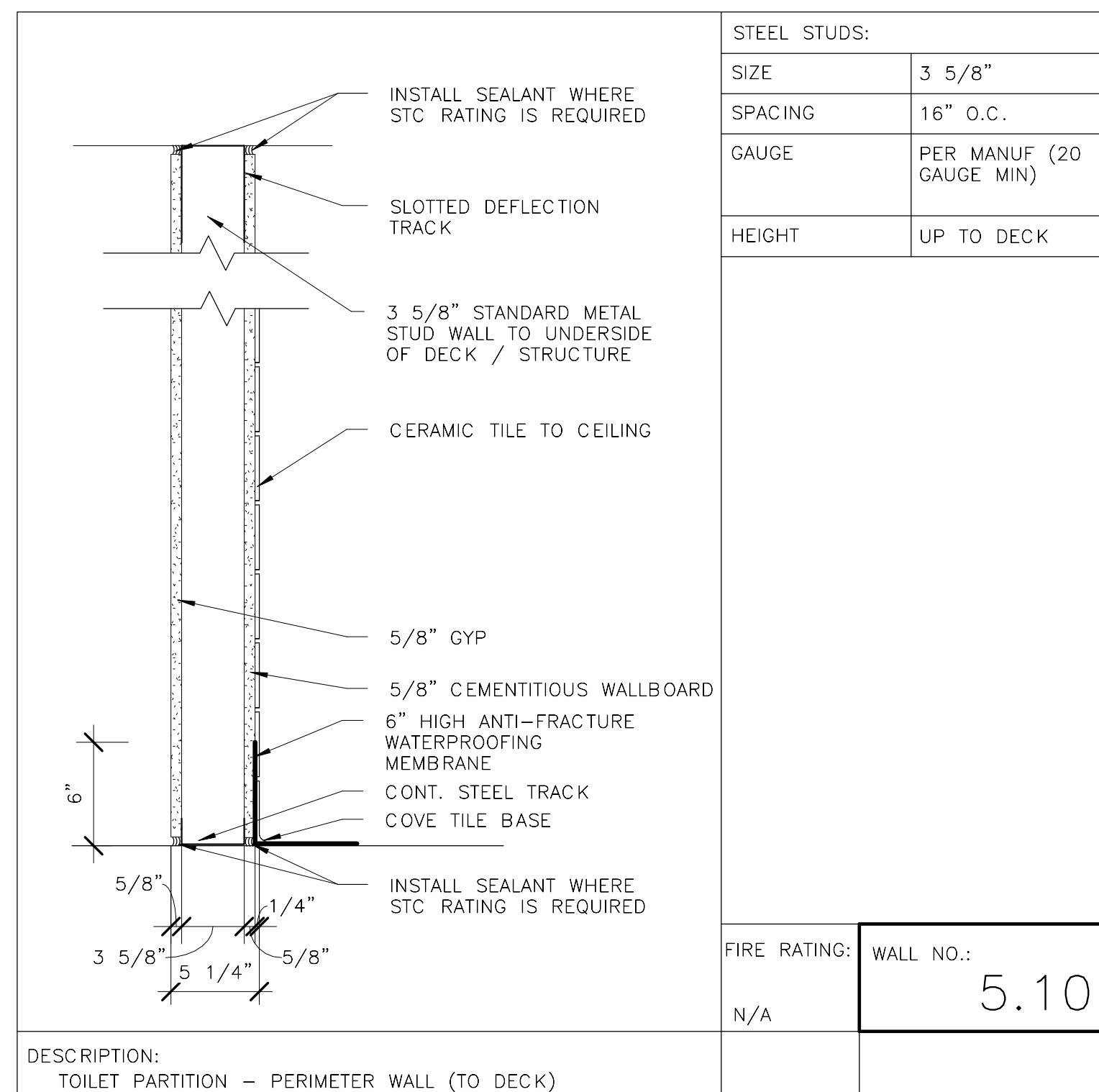
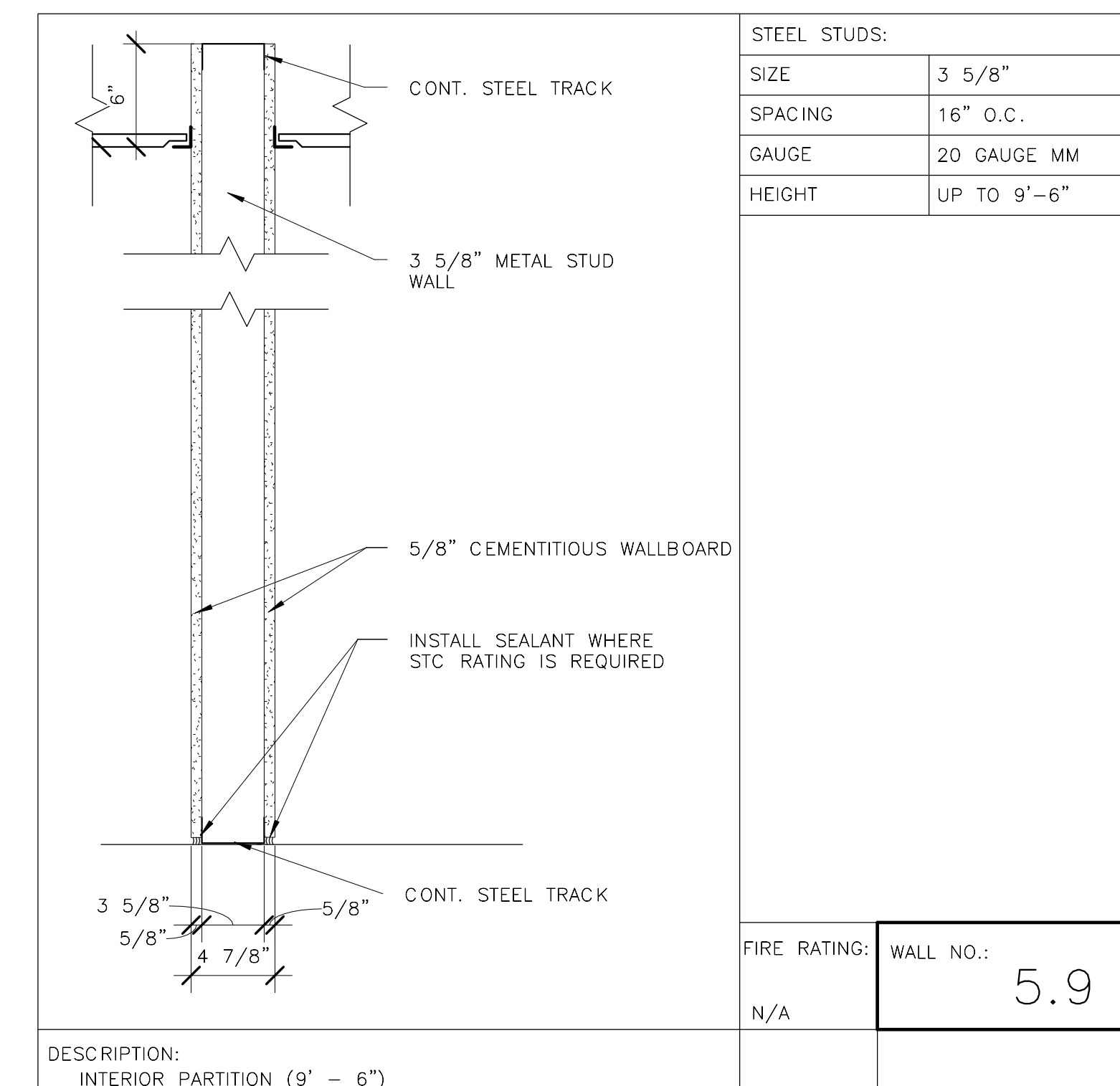
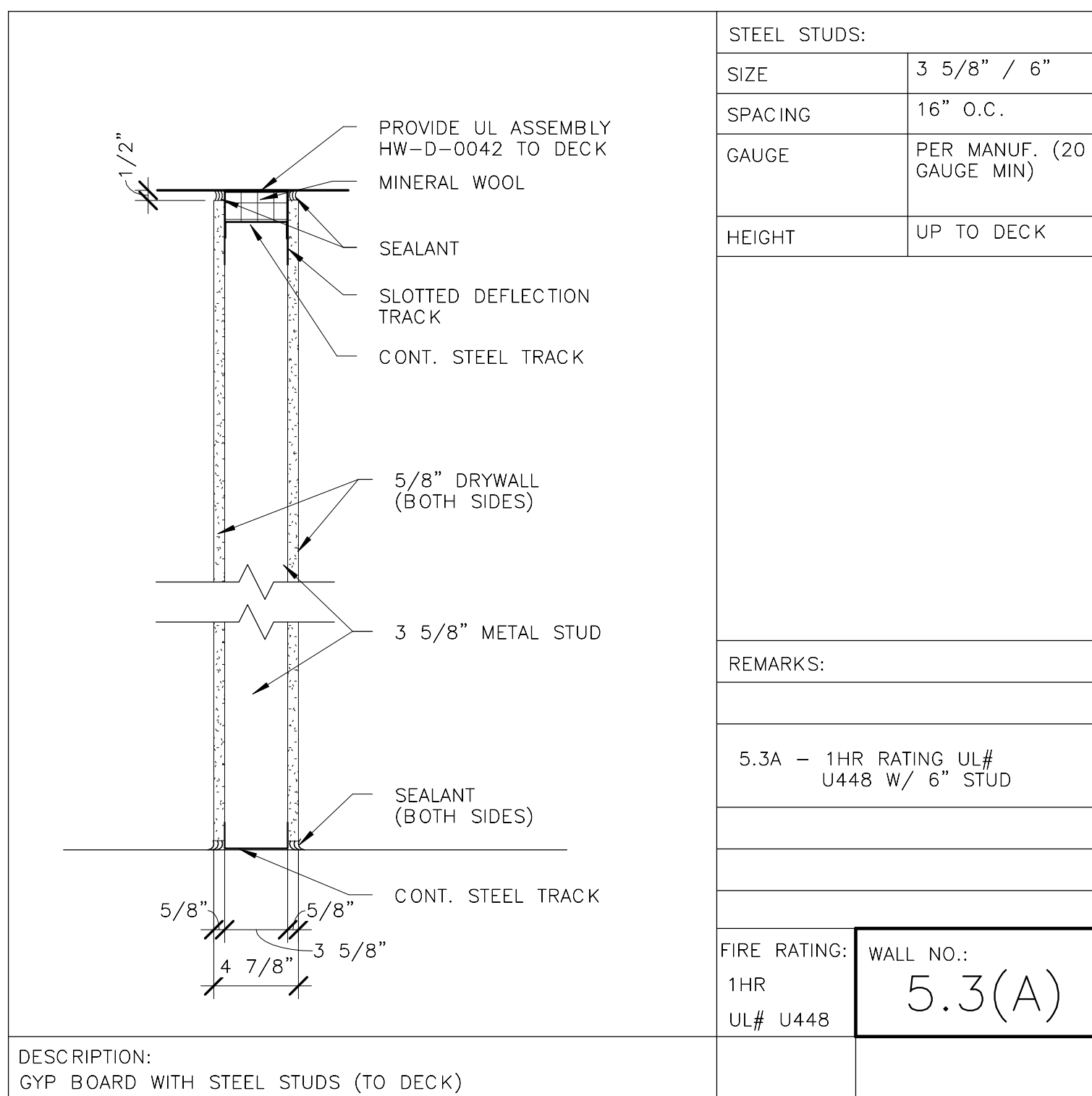
DULLES CORRIDOR METRORAIL PROJECT

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

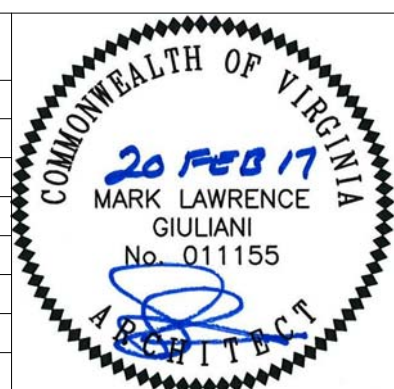
RAIL YARD AND MAINTENANCE FACILITY

WHB - PARTITION TYPES

SCALE: NTS DRAWING NO.: N99-WHB-A-601

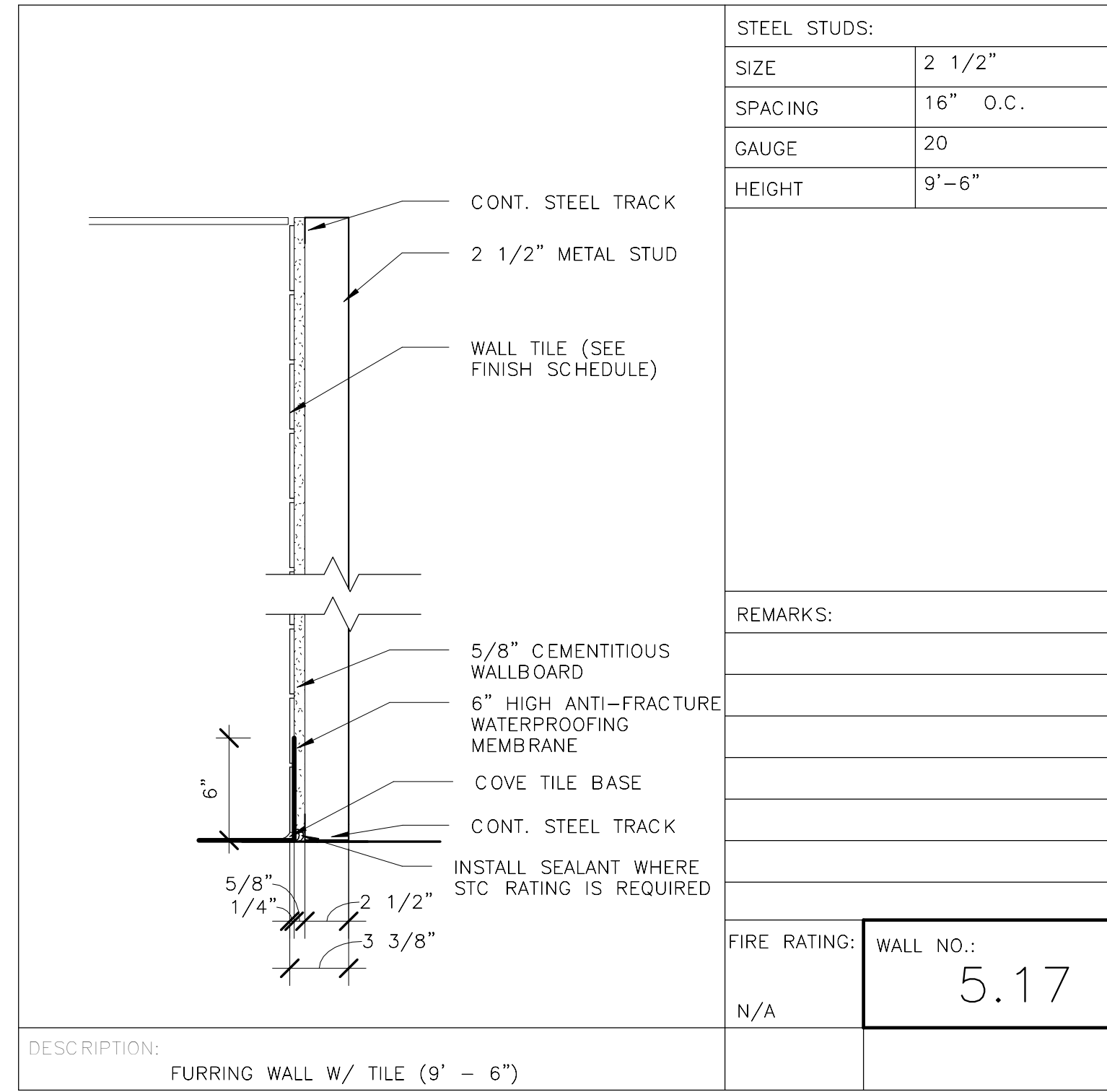
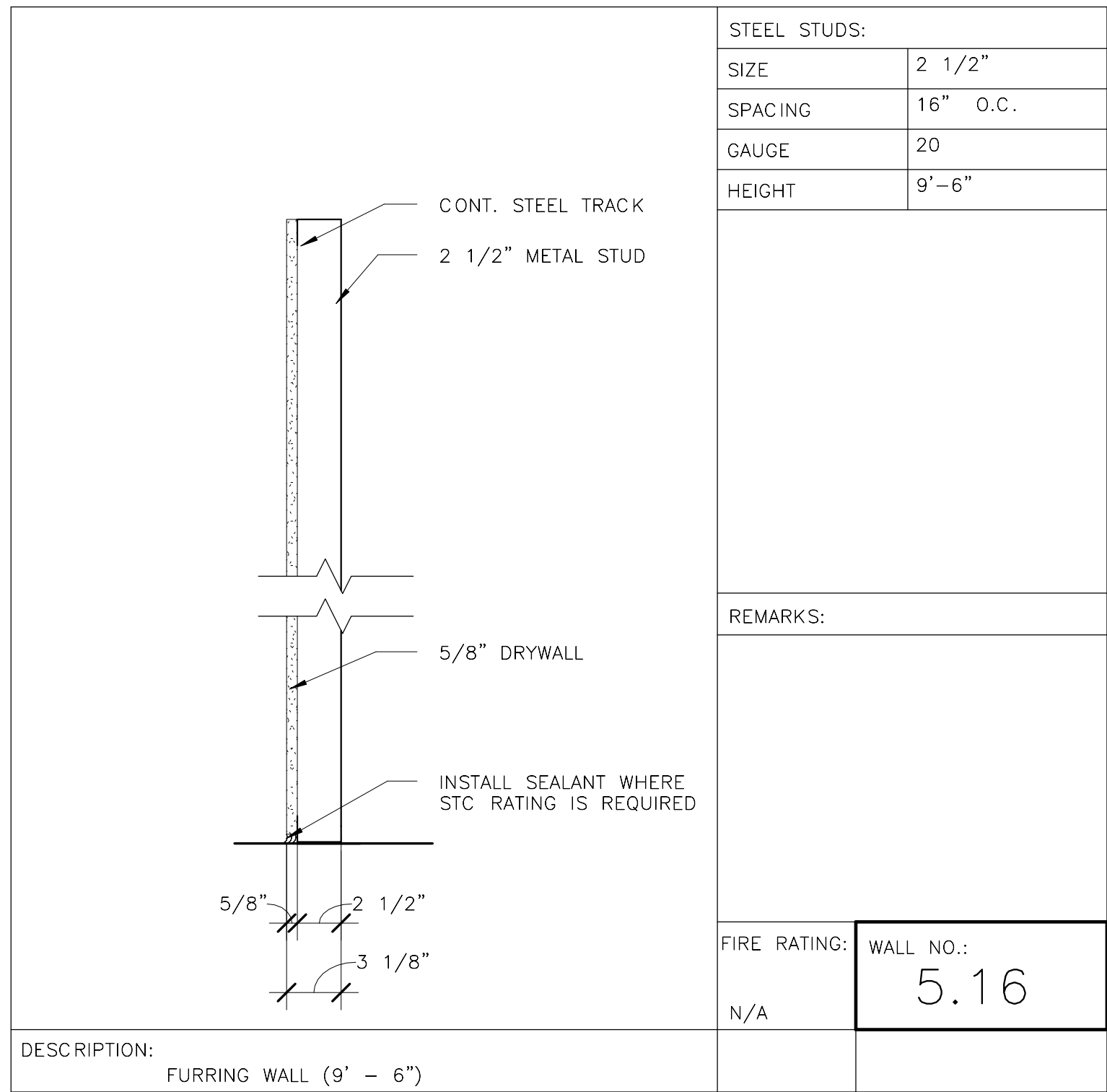


ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
C. HOLMES	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									

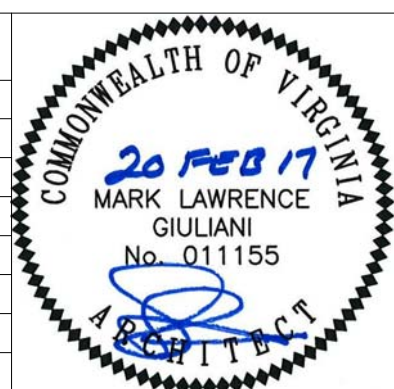


WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - PARTITION TYPES		
SCALE: NTS	DRAWING NO.: N99-WHB-A-602	

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
	RAIL YARD AND MAINTENANCE FACILITY		
WHB - PARTITION TYPES			
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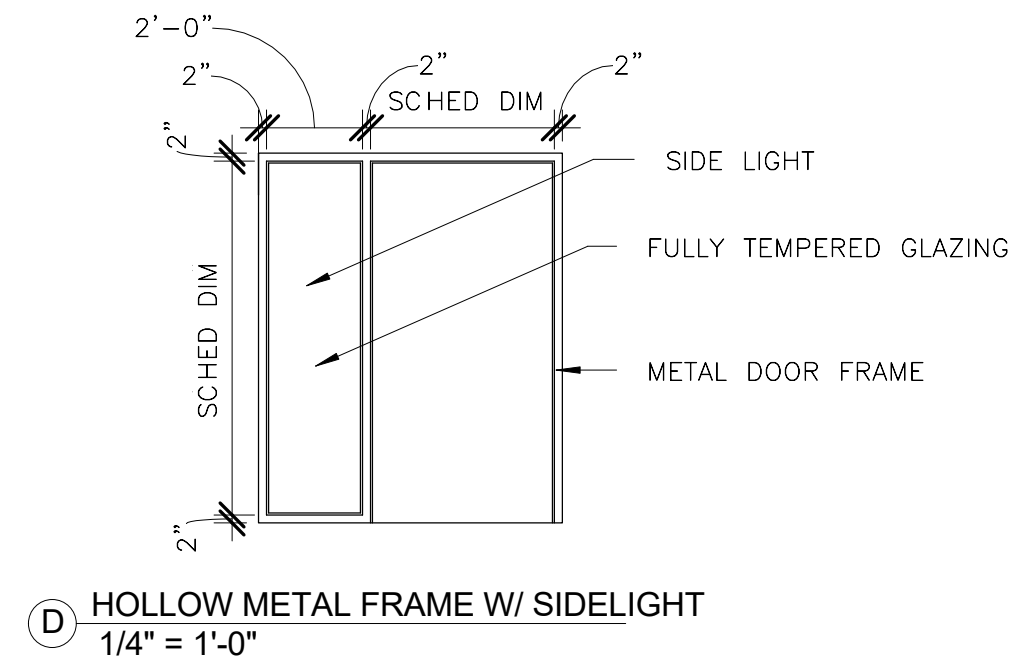
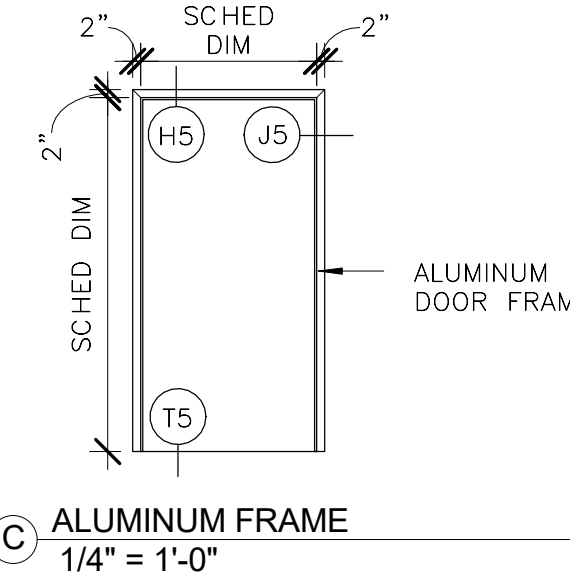
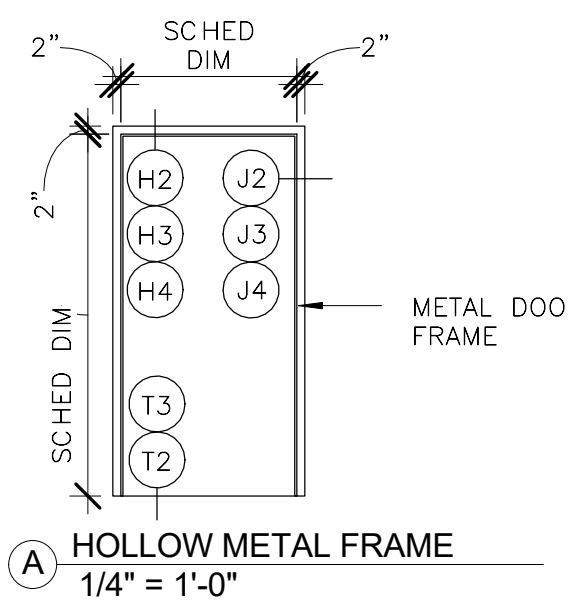
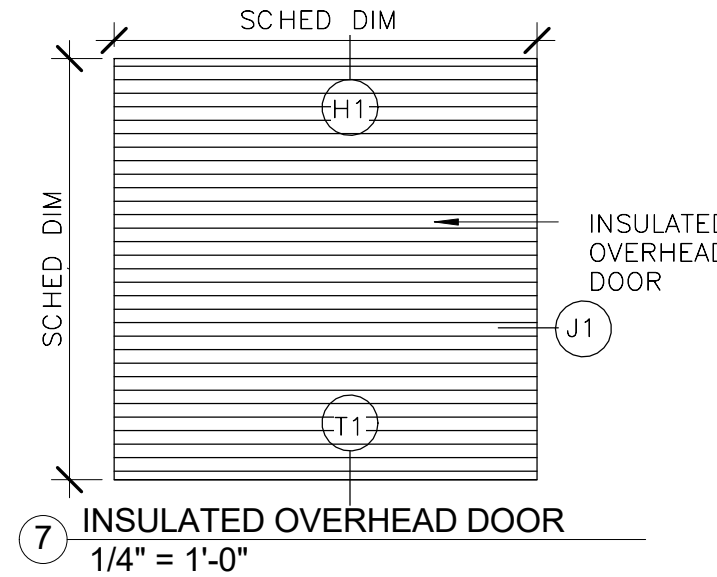
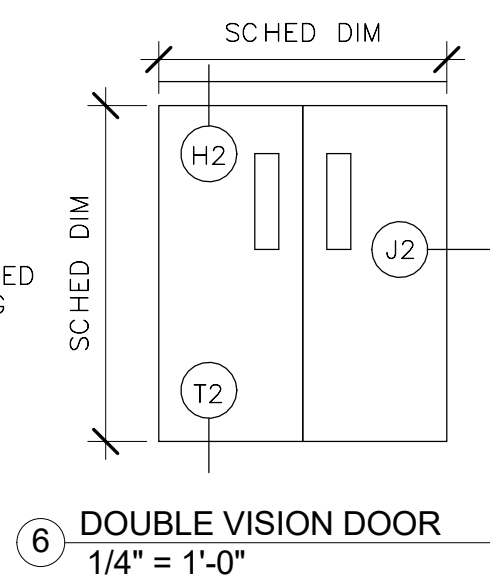
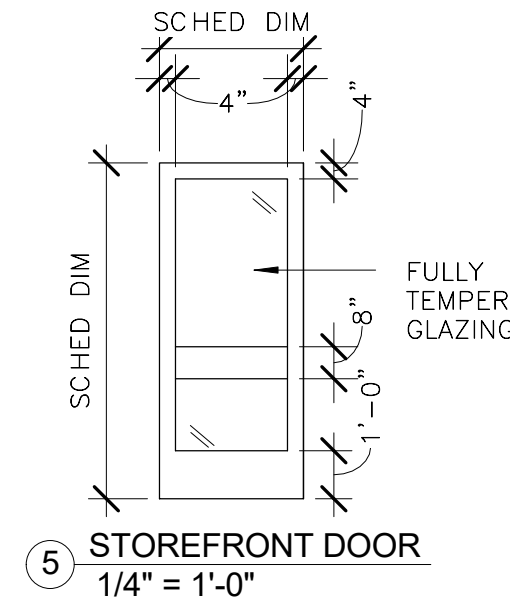
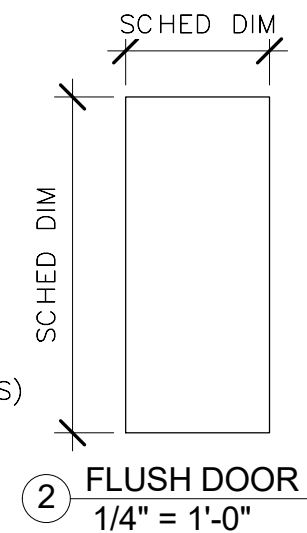
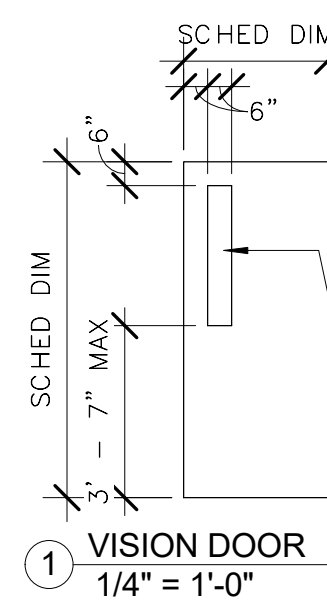


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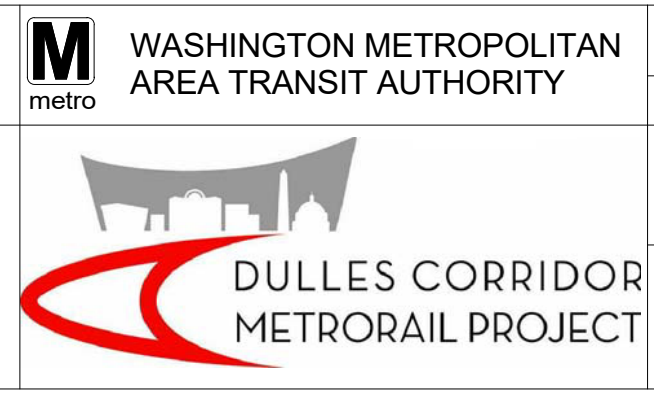
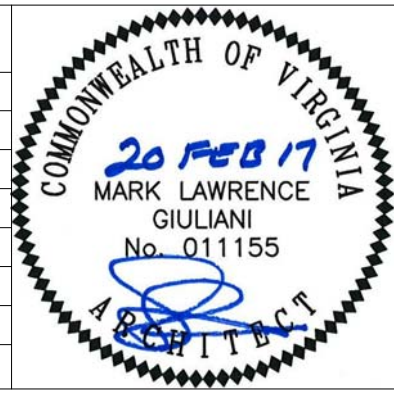
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		PLNT	SMNT	MATL	FINISH	TYPE	W	H	T	TYPE	HEAD					JAMB	SILL
100A	VESTIBULE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	01A	
100B	VESTIBULE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	-	-	-	02A	
101	SHIPPING RECEIVING	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	02A	
101A	WAREHOUSE	●		MTL	PTD	7	10' - 0"	12' - 0"	-	-	H1	J1	T1	-	-	-	
101B	SHIPPING RECEIVING	●		MTL	PTD	7	10' - 0"	12' - 0"	-	-	H1	J1	T1	-	-	-	
101C	SHIPPING RECEIVING	●		MTL	PTD	7	10' - 0"	12' - 0"	-	-	H1	J1	T1	-	-	-	
101D	SHIPPING RECEIVING	●		MTL	PTD	7	10' - 0"	12' - 0"	-	-	H1	J1	T1	-	-	-	
101E	SHIPPING RECEIVING	●		MTL	PTD	7	10' - 0"	12' - 0"	-	-	H1	J1	T1	-	-	-	
101I	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101J	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101K	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101L	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101M	WAREHOUSE	●		HM	PTD	6	6' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06A	
101N	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101O	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101P	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
101Q	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	06C	
103	LOBBY	●		ALUM	PTD	5	3' - 0"	7' - 0"	0'-1 3/4"	C	H5	J5	T5	-	-	02A	
103A	CONTROL OFFICE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	D	H3	J3	T3	-	-	05	W/ 2'-0" WIDE SIDELIGHT
103B	RECEIVING OFFICE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	D	H3	J3	T3	-	-	05	W/ 2'-0" WIDE SIDELIGHT
103C	BREAK ROOM	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	D	H3	J3	T3	-	-	15B	W/ 2'-0" WIDE SIDELIGHT
103D	WOMEN	●		WD	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3	T4	-	-	09	
103E	MEN	●		WD	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3	T4	-	-	09	
104	PAINT ROOM	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	-	45 MIN	-	14B	
105	WATER SERVICE VALVE ROOM	●		HM	PTD	6	6' - 0"	7' - 0"	0'-1 3/4"	A	H2	J2	T2	-	-	14A	
106	ELEC ROOM	●	●	HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	-	45 MIN	-	16C	
107	COMMS ROOM	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	-	45 MIN	-	16C	
108	JAN	●		HM	PTD	2	3' - 0"	7' - 0"	0'-1 3/4"	A	H3	J3	T3	-	-	14B	
111	WAREHOUSE	●		HM	PTD	1	3' - 0"	7' - 0"	0'-1 3/4"	A	H4	J4	-	-	-	07C	FENCING AREA

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).



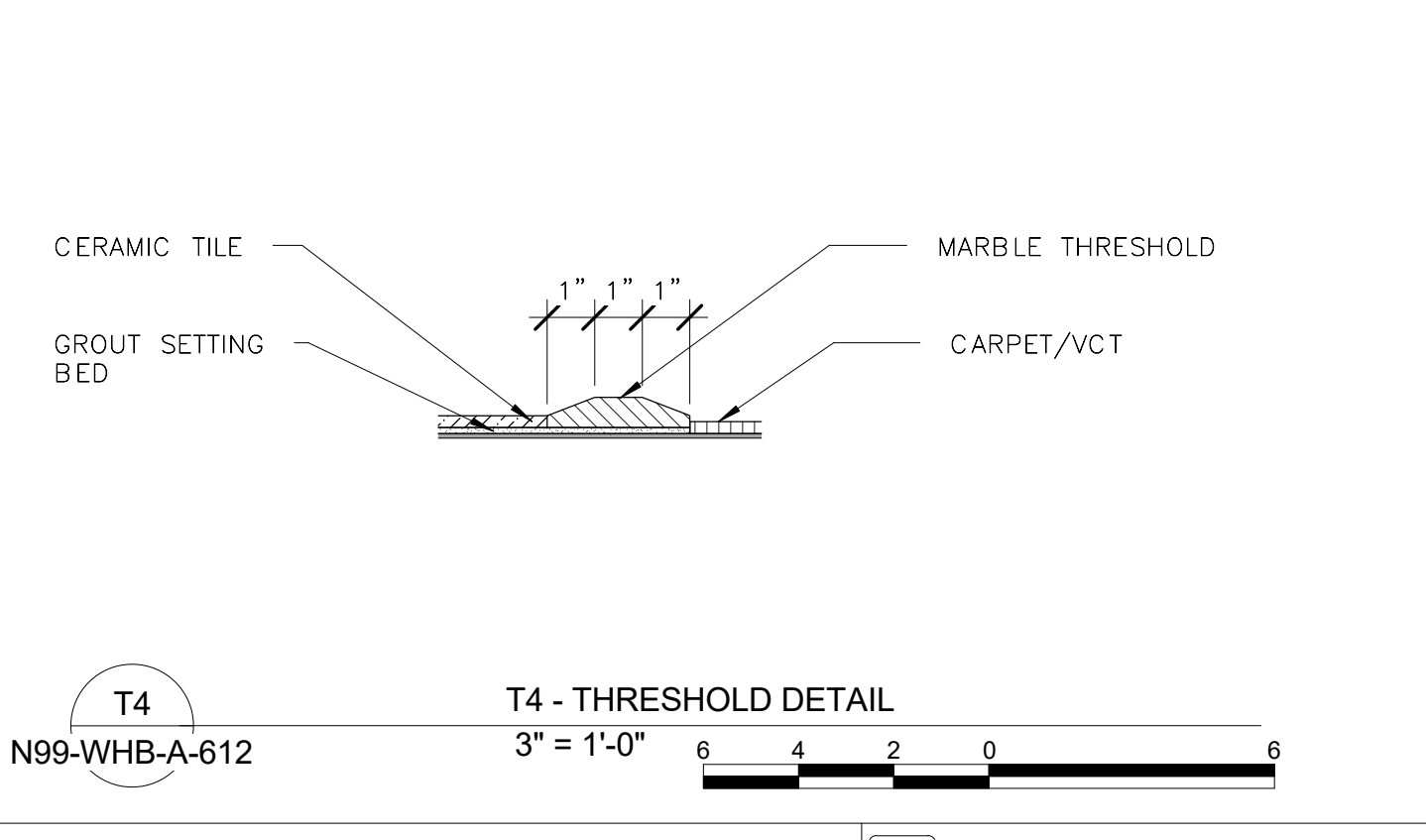
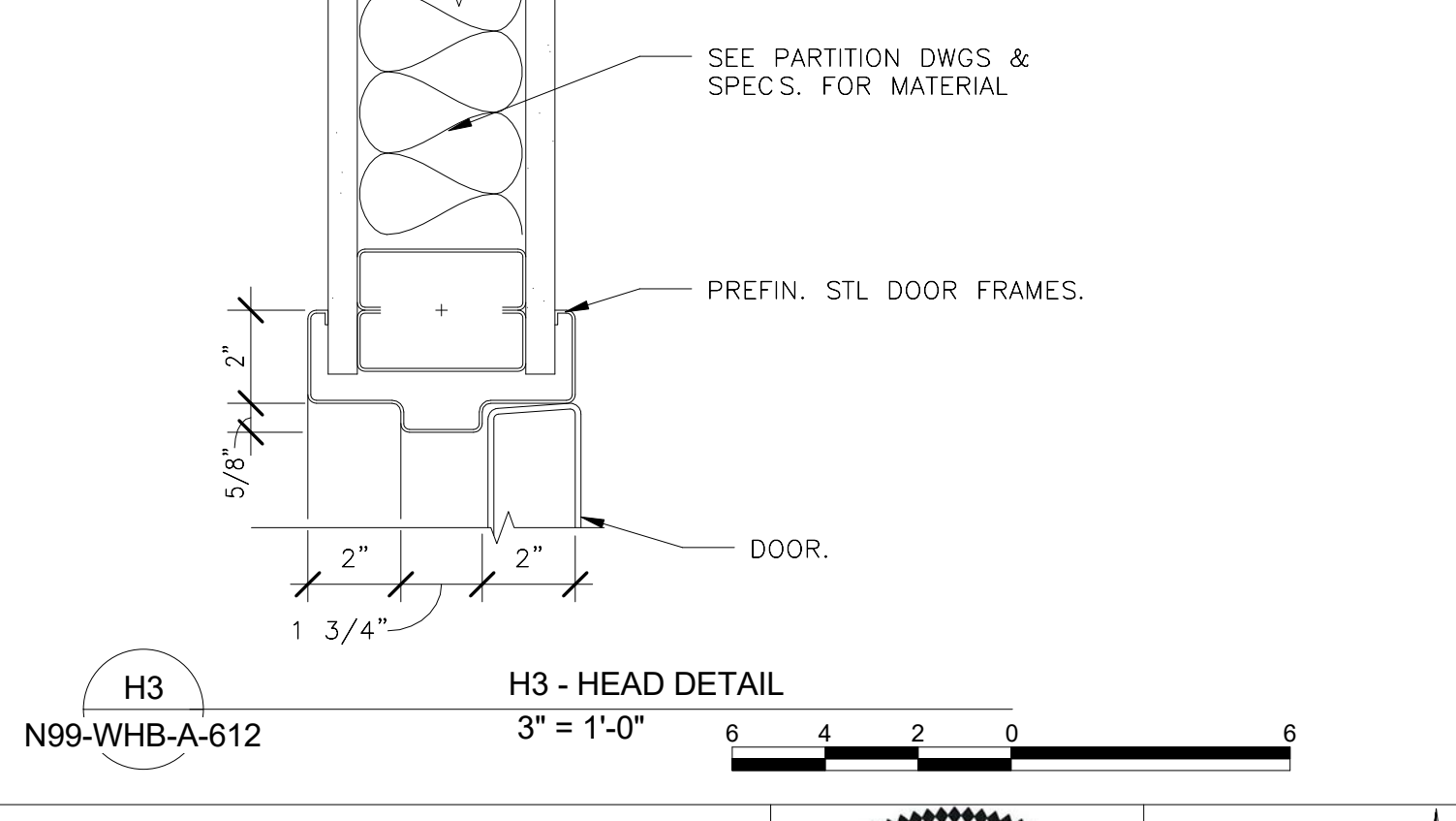
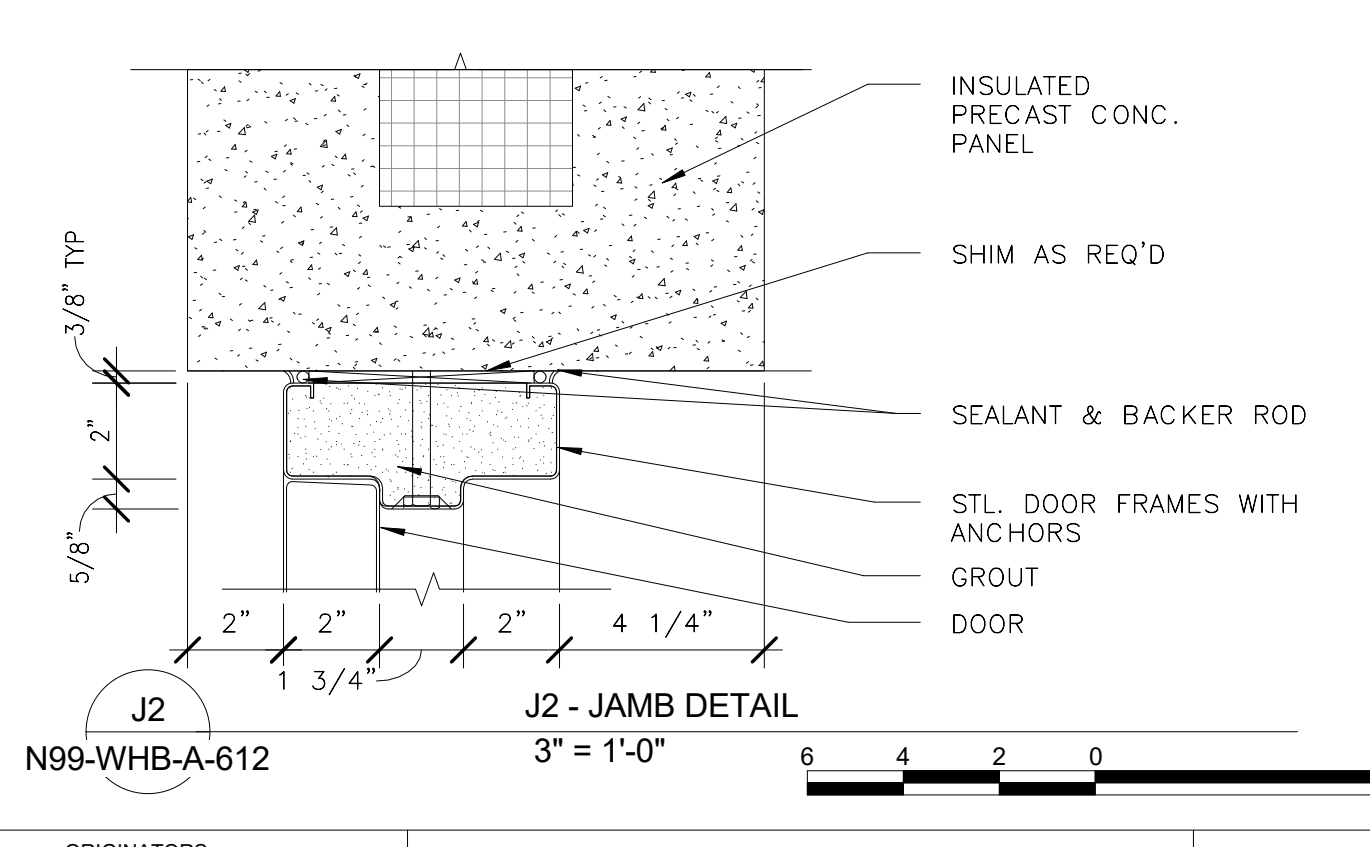
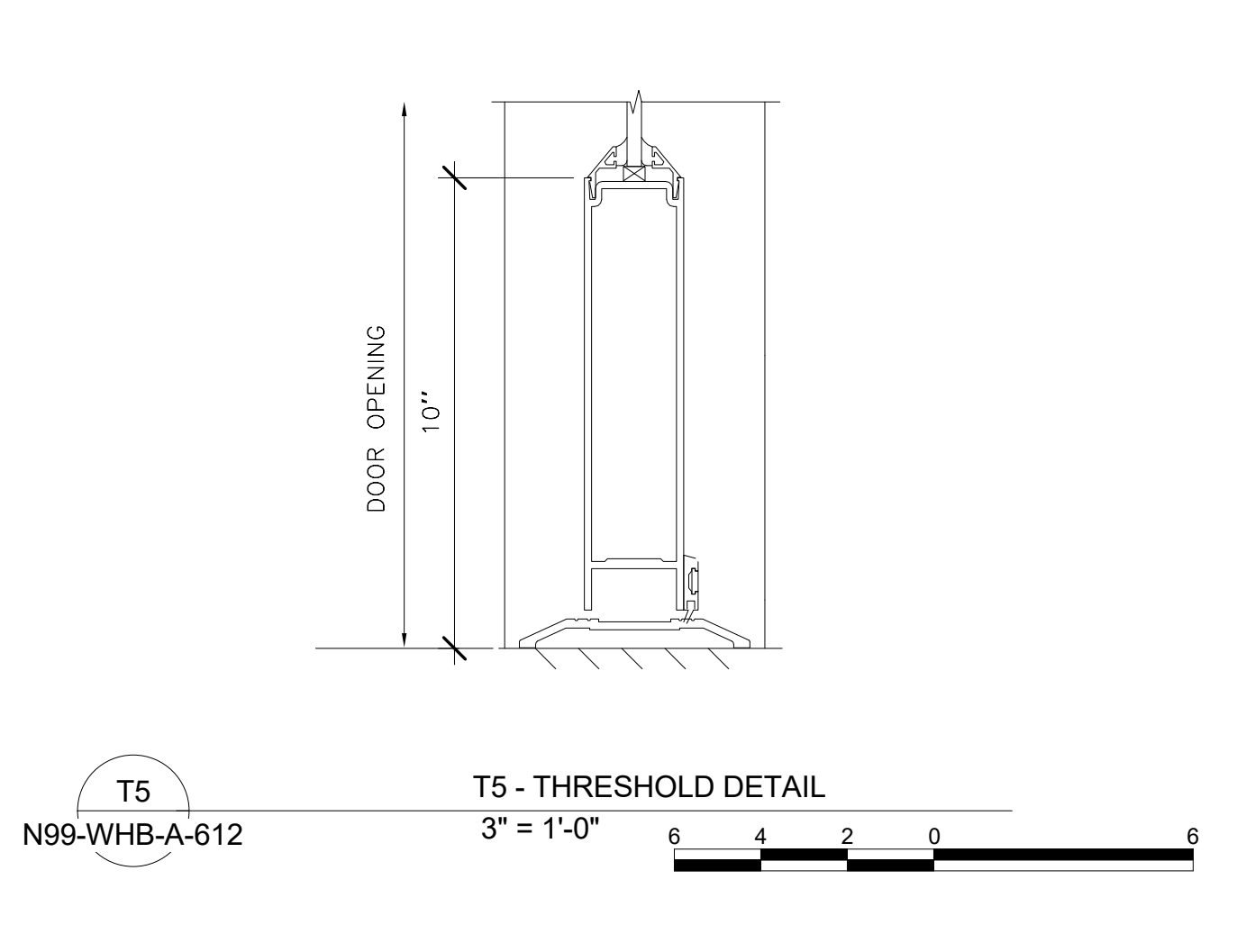
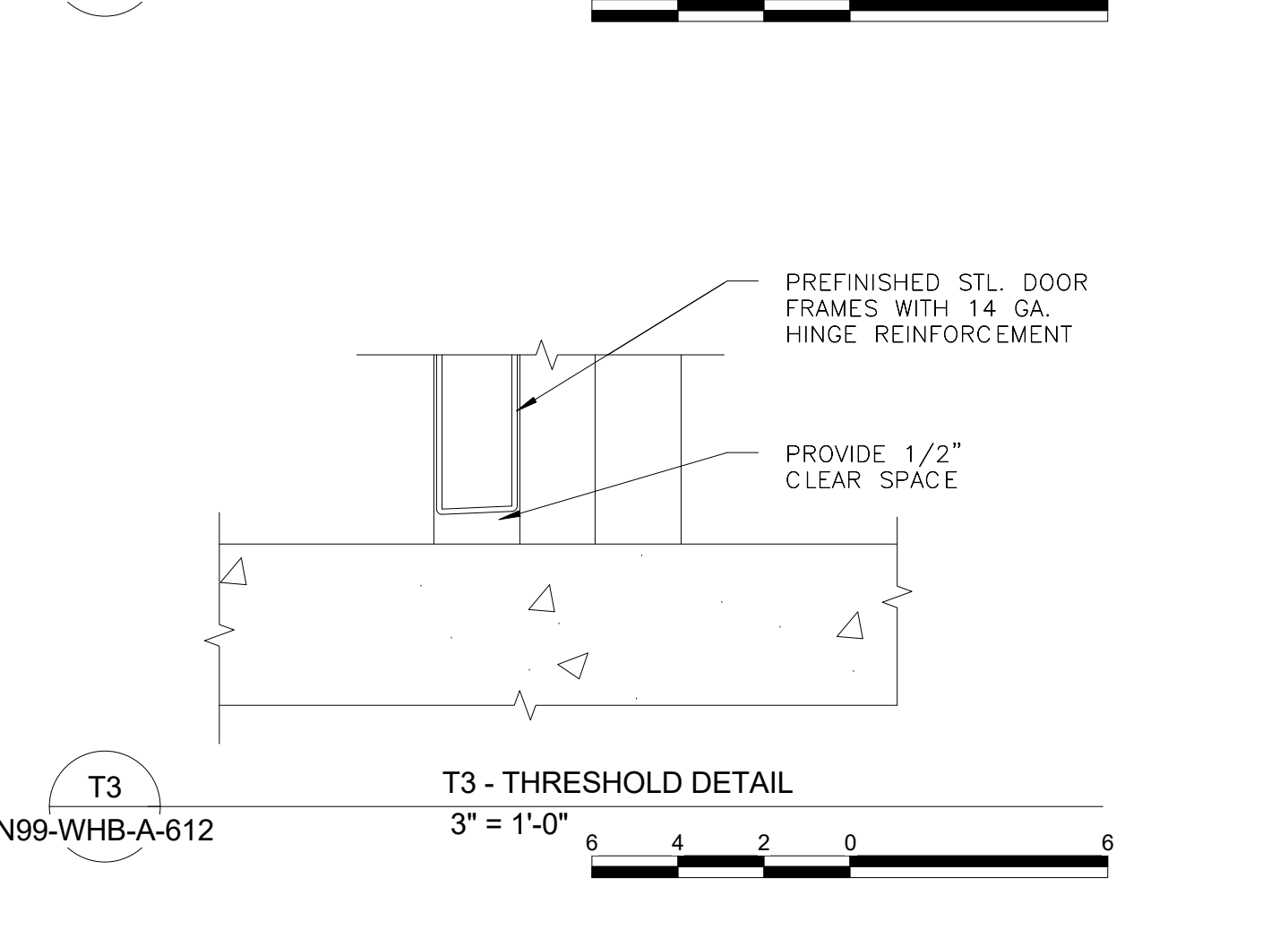
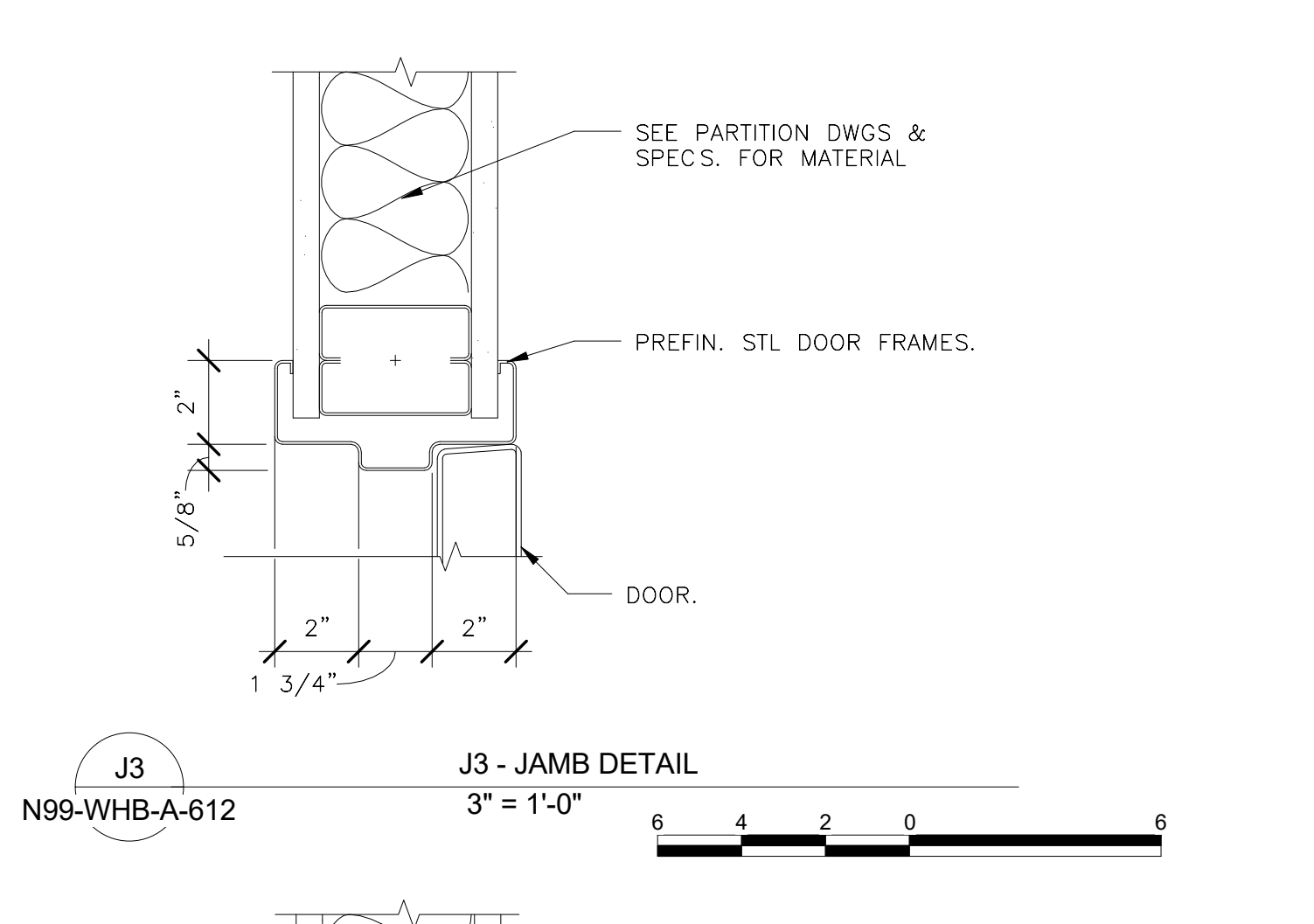
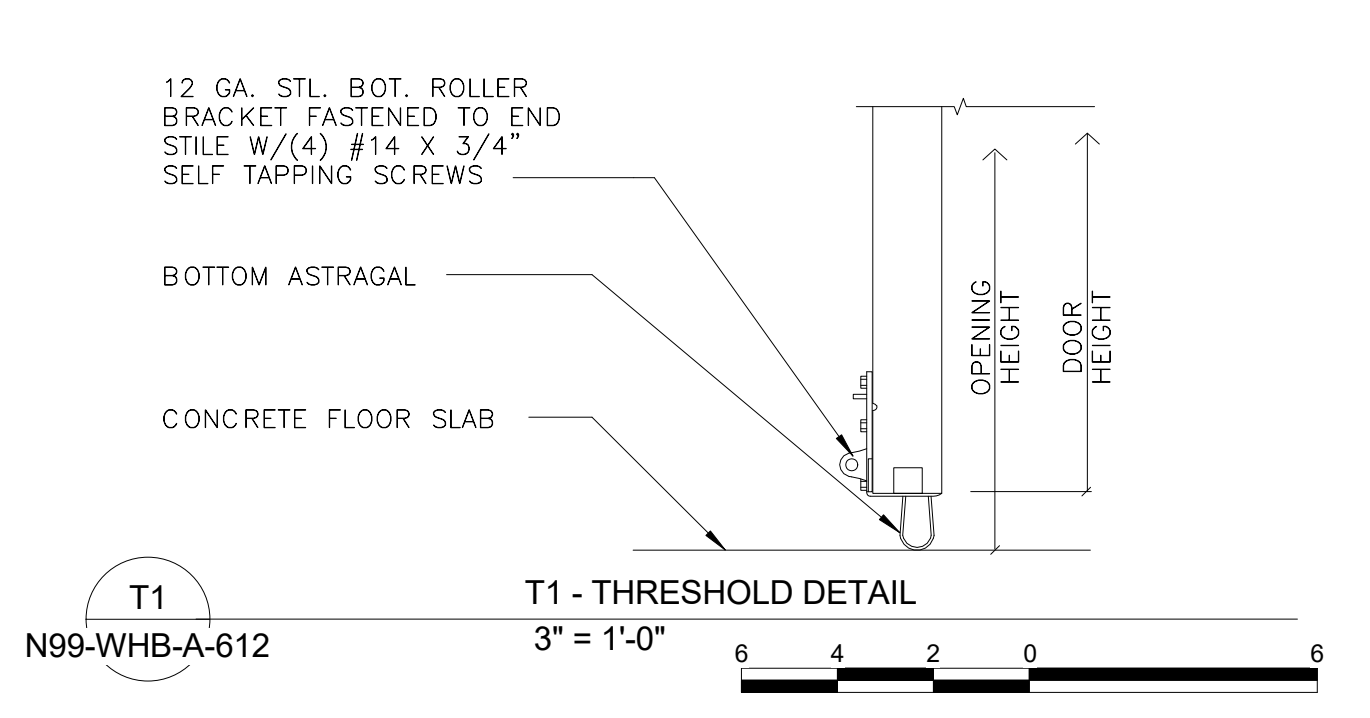
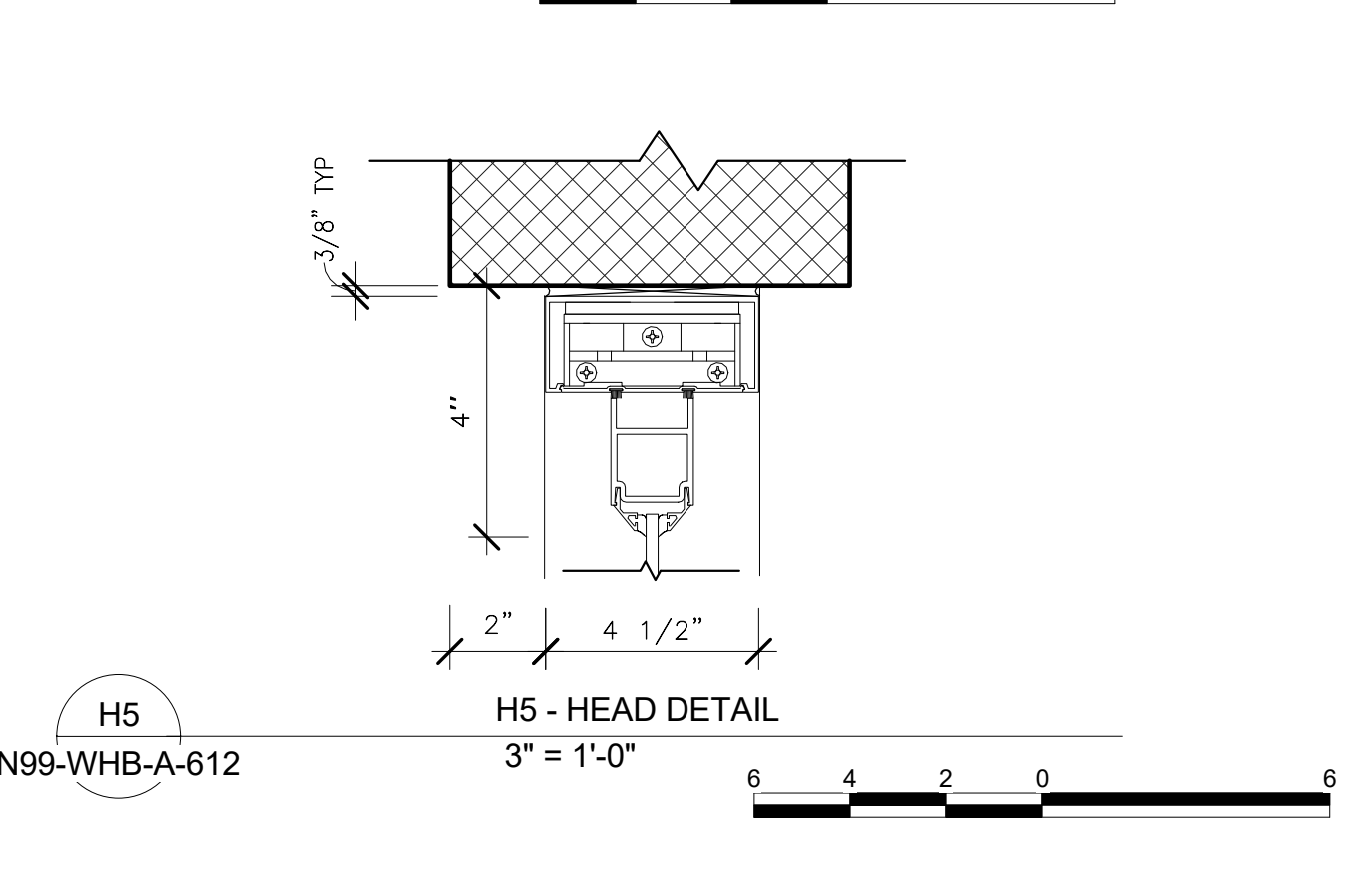
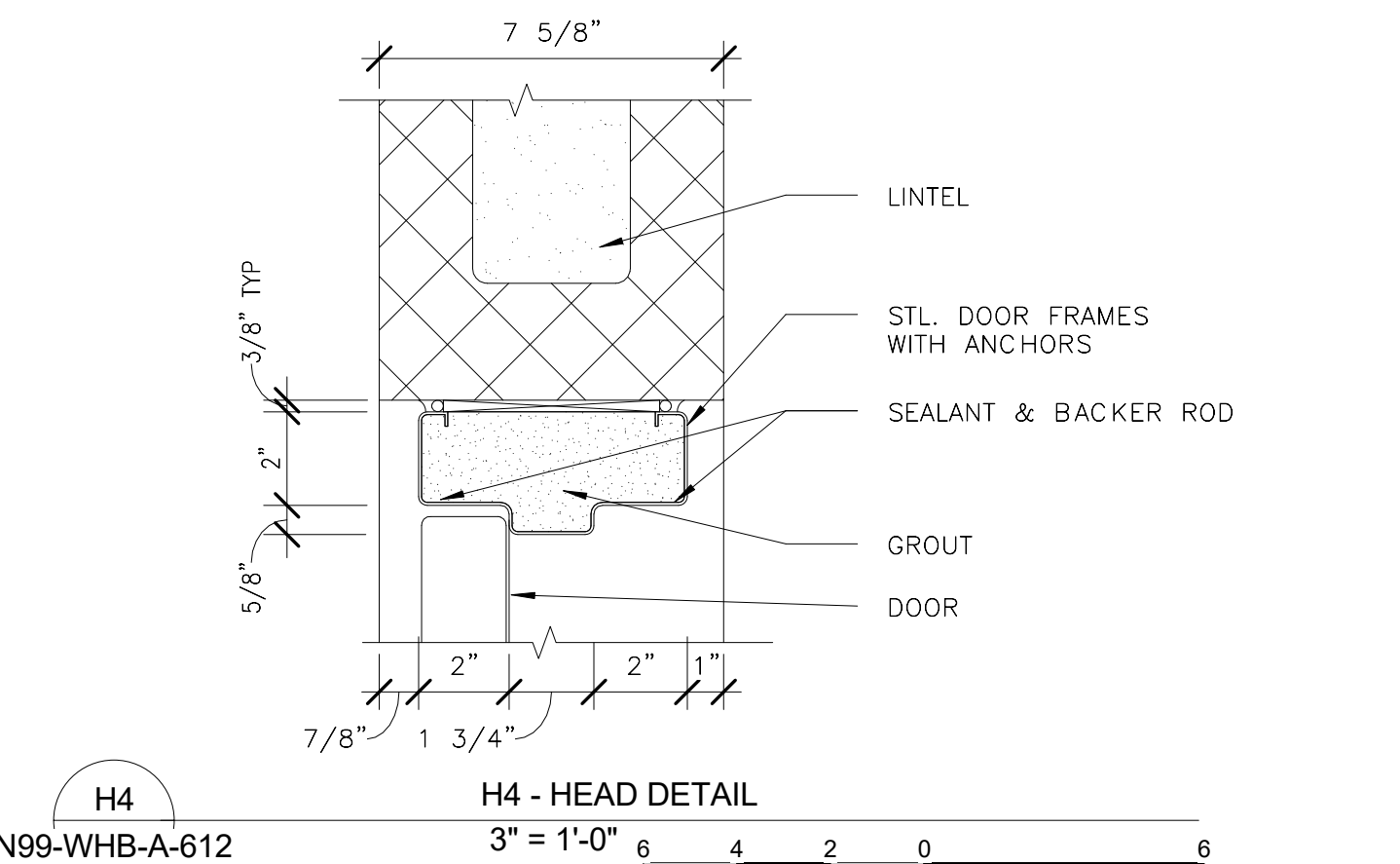
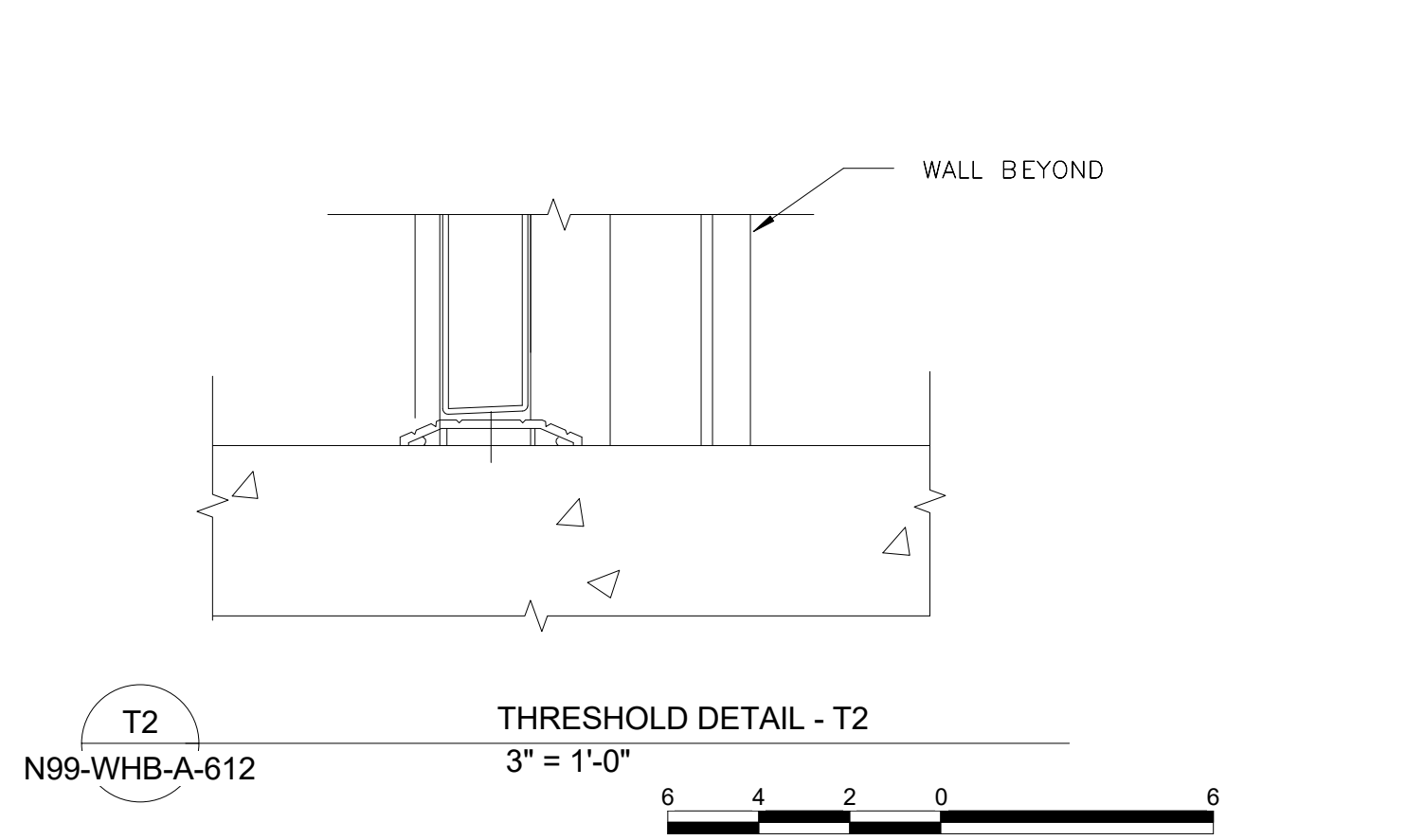
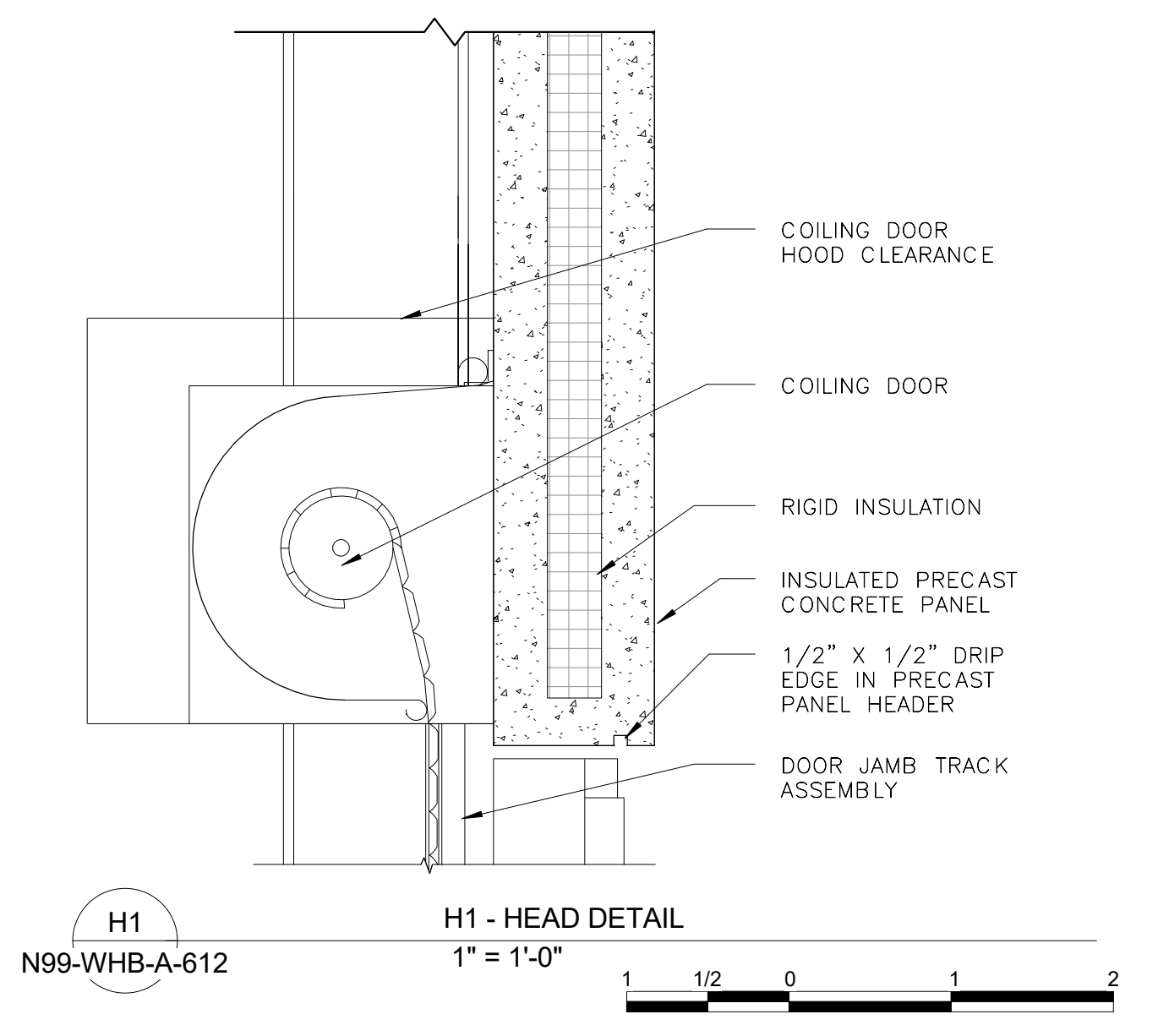
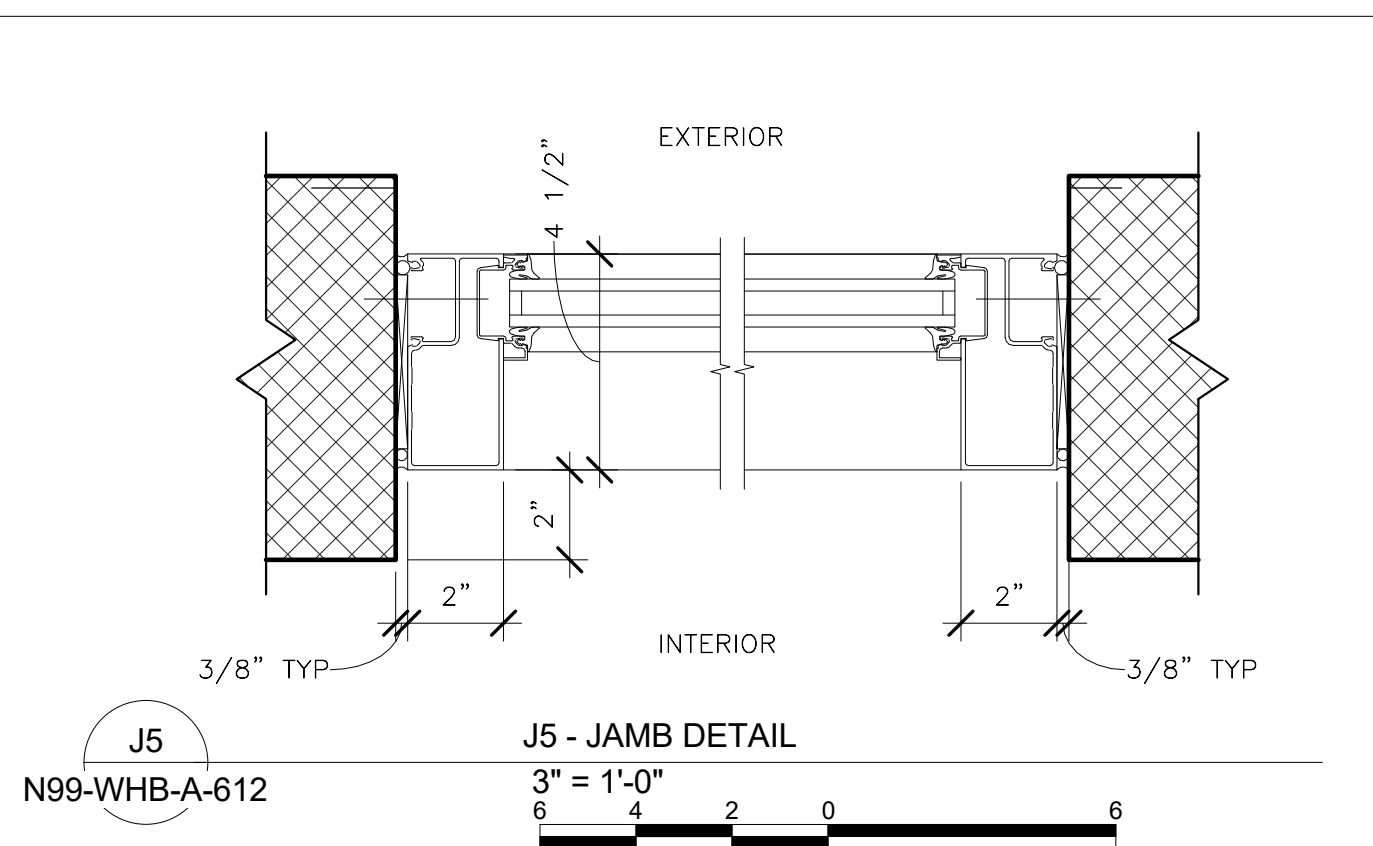
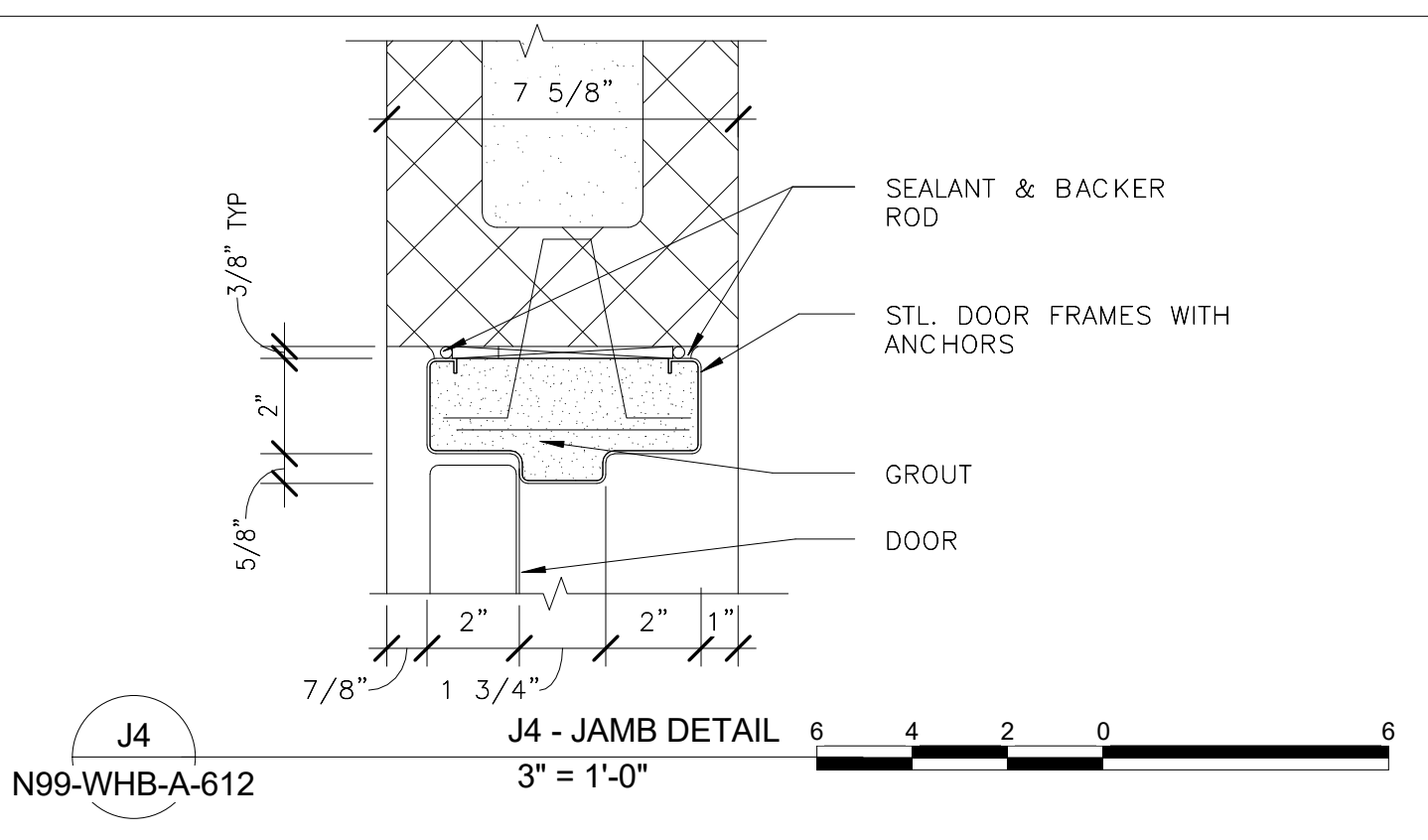
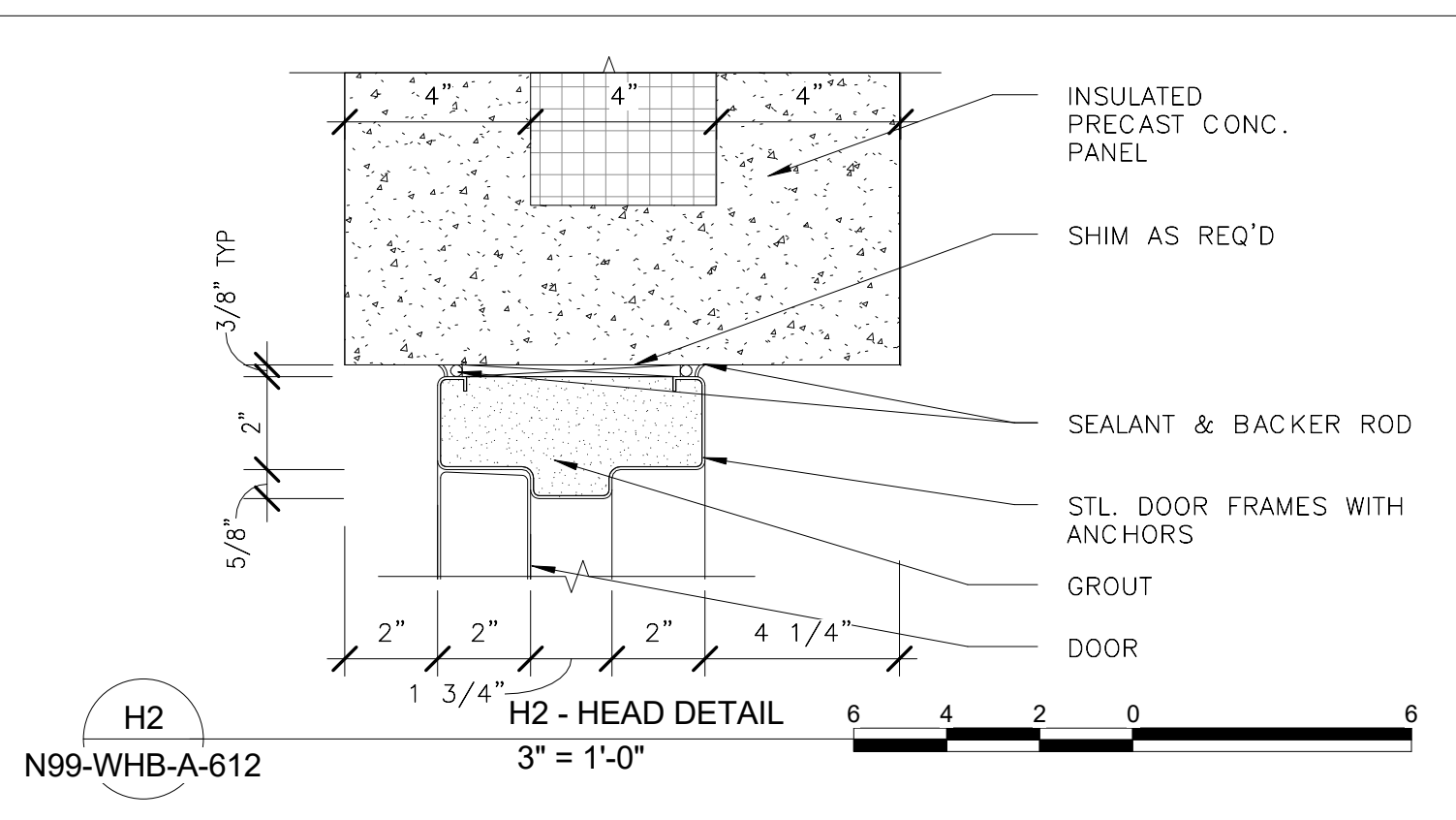
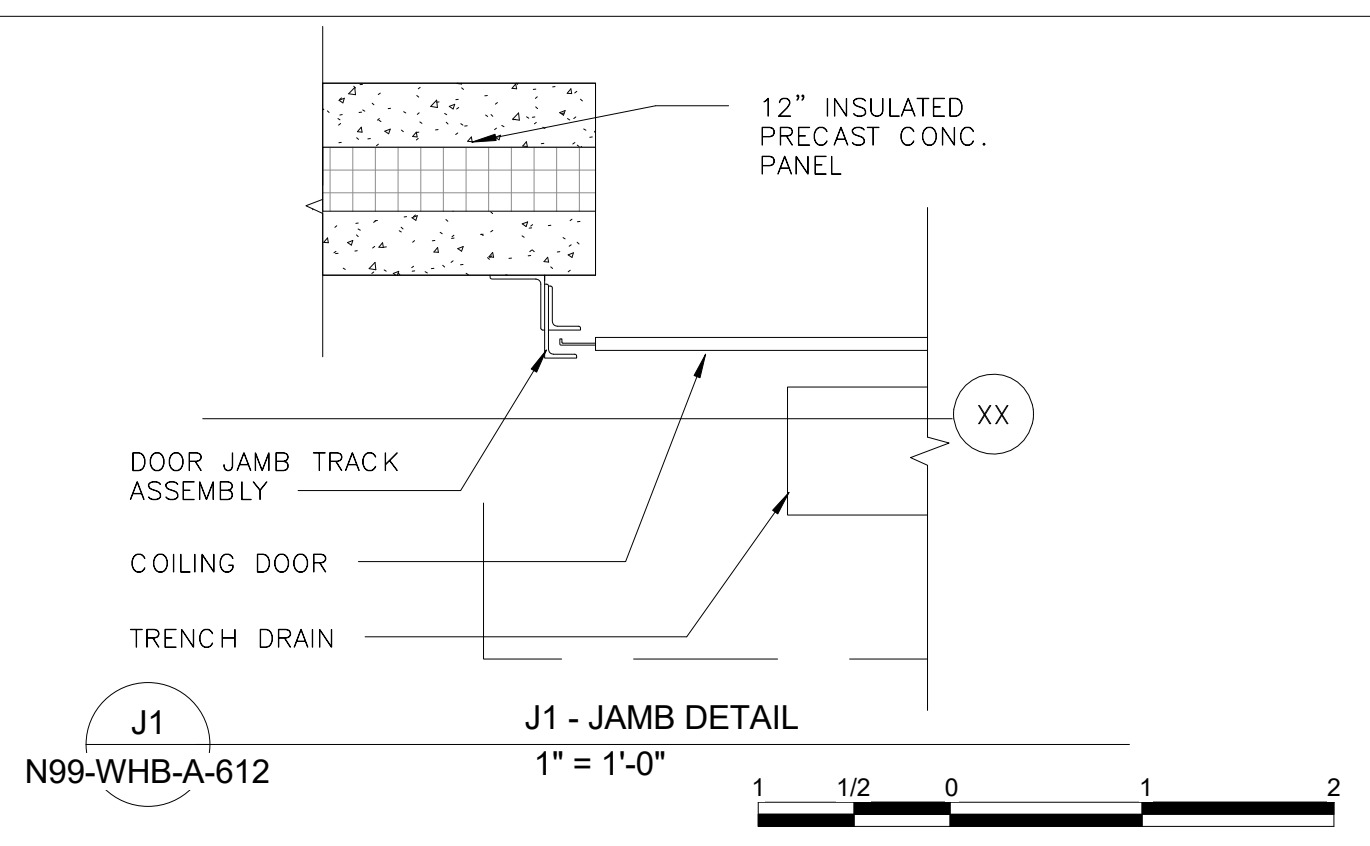
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J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG	
C. HOLMES	02/20/2017										
J. KELLEHER	02/20/2017										
M. GIULIANI	02/20/2017										



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - DOOR SCHEDULE AND DETAILS			
SCALE: NTS	DRAWING NO.: N99-WHB-A-611		

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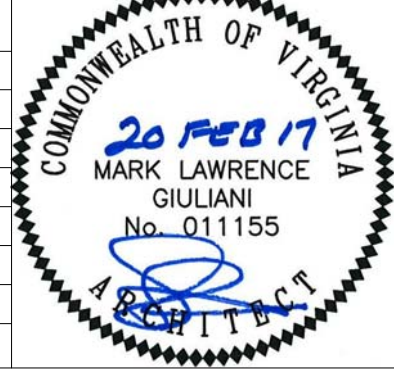
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DRAWN	DATE
C. HOLMES	02/20/2017
DESIGNED	DATE
J. KELLEHER	02/20/2017
CHECKED	DATE
M. GIULIANI	02/20/2017
APPROVED	DATE

REFERENCE DRAWINGS

NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION
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REVISIONS

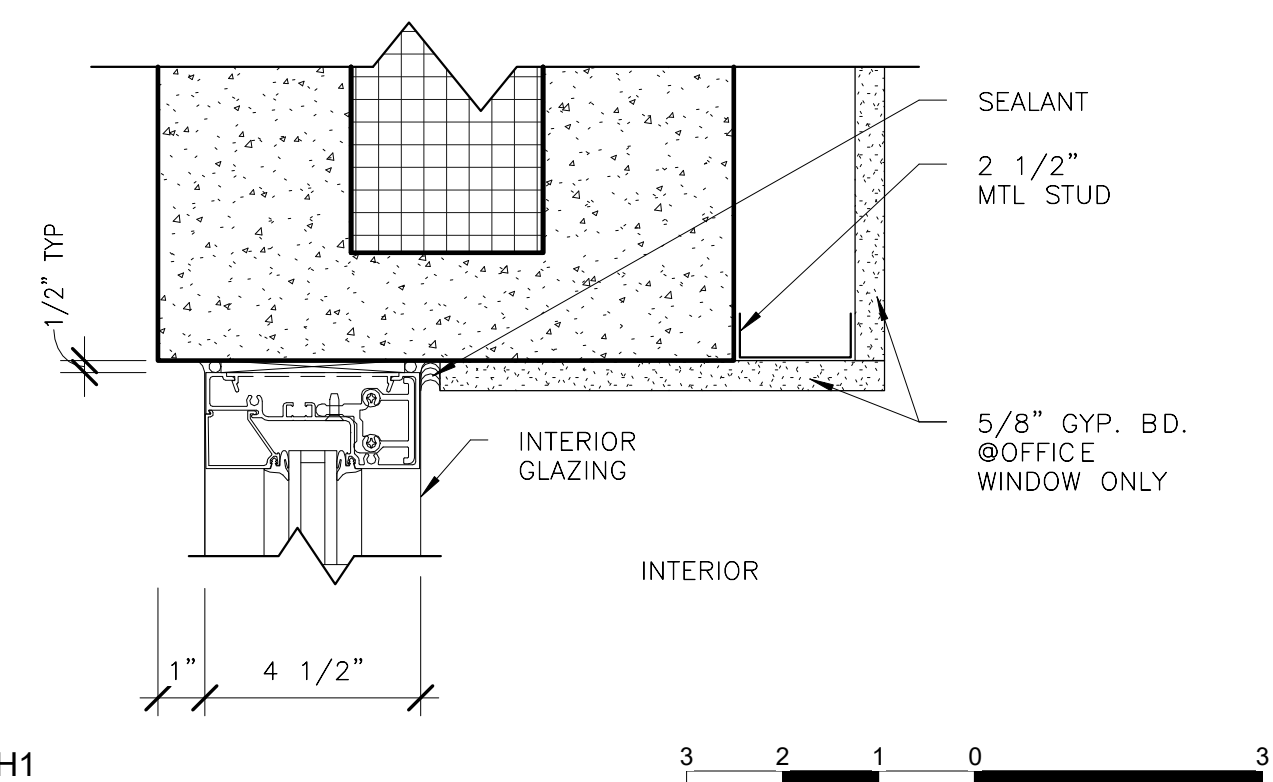
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LK	CTH	MLG	MLG	



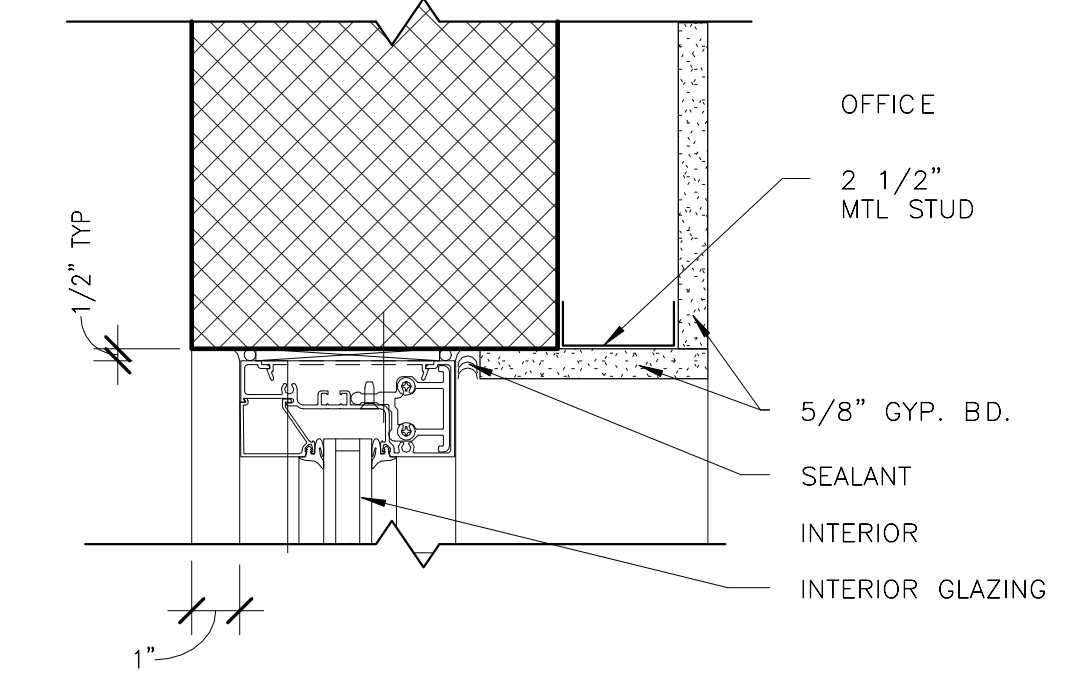
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RAIL YARD AND MAINTENANCE FACILITY			
WHB - DOOR JAMB, HEAD, AND SILL DETAILS			
SCALE: AS NOTED	DRAWING NO.: N99-WHB-A-612		

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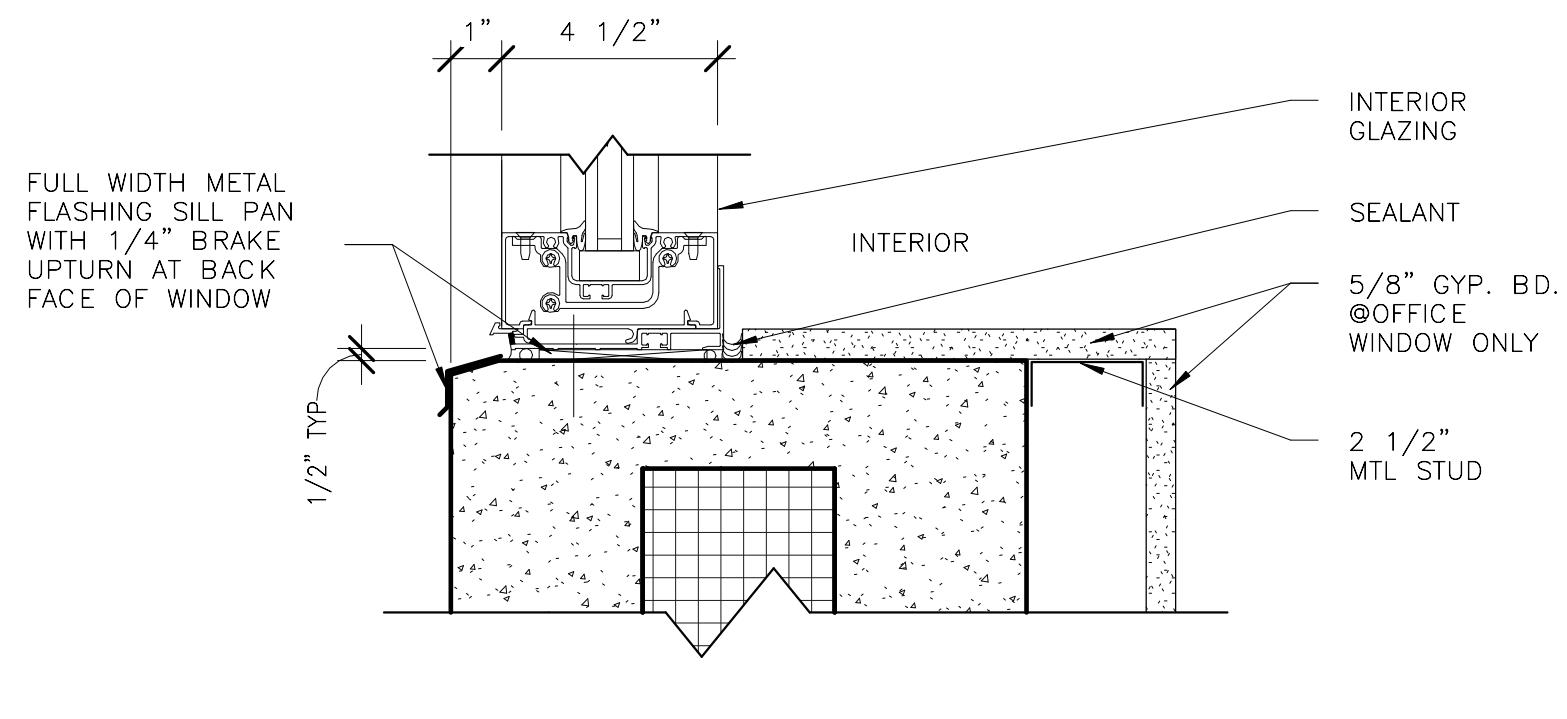


HEAD - H1

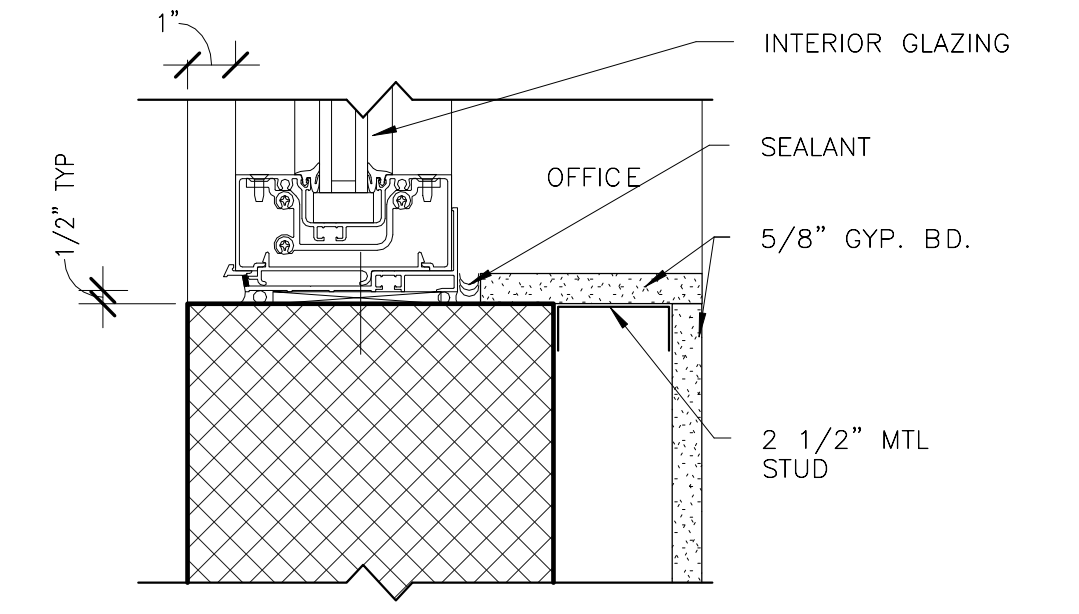


HEAD - H2

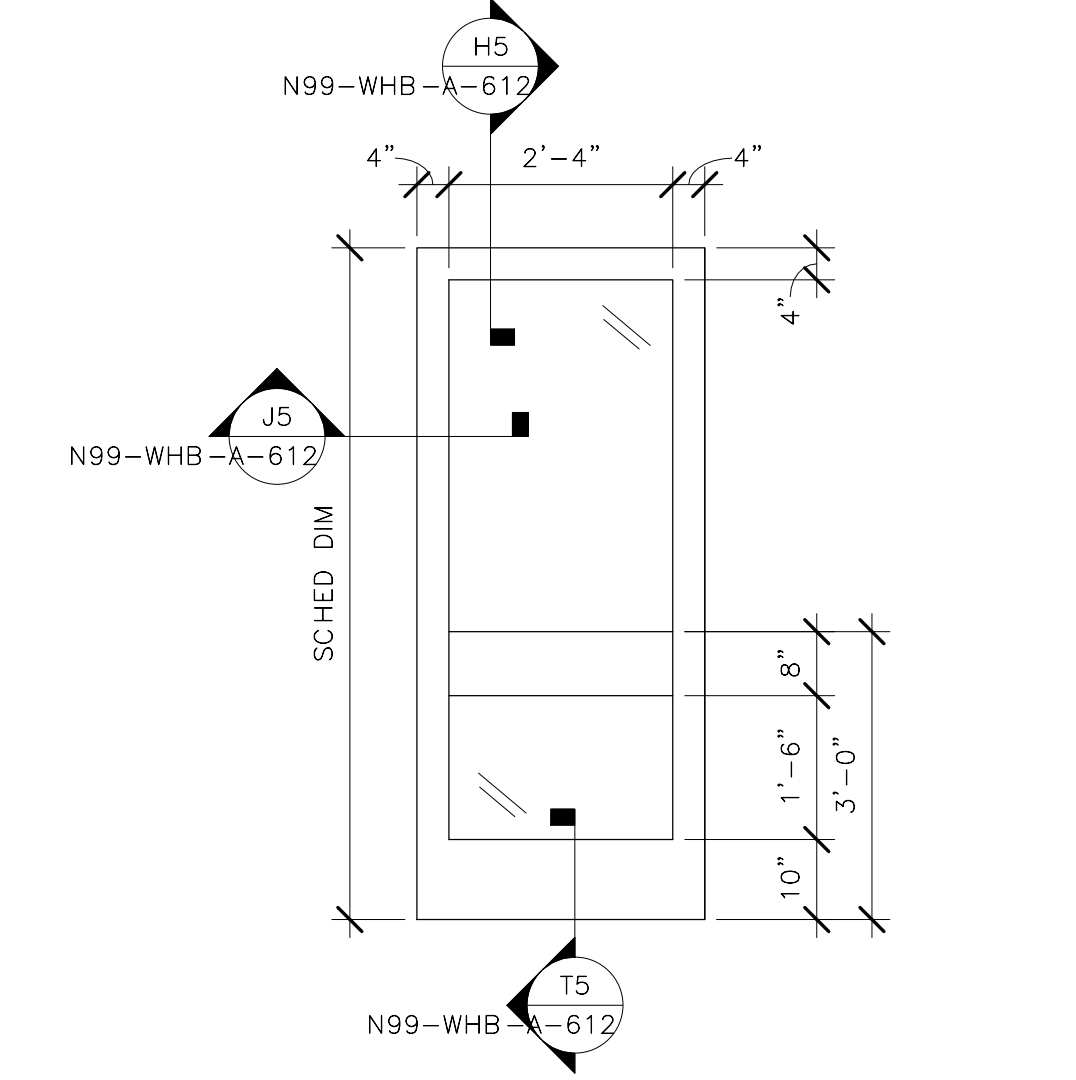
MARK	R.O.		TYPE	FRAME		GLAZING		DETAILS			REMARKS (SEE NOTES BELOW)
	WIDTH	HEIGHT		FINISH	MATERIAL	TYPE	THICKNESS	HEAD	JAMB	SILL	
W2	8' - 0"	5' - 0"	FIXED	PTD	ALUM	INSULATED	1"	H1	J1	S1	
W10	6' - 0"	4' - 4"	SLIDER	PTD	ALUM	INSULATED	1"	H2	J2	S2	
W20	6' - 0"	5' - 0"	SKYLIGHTS	PTD	ALUM	--	--	1/A570	1/A570	1/A570	SKYLIGHT, SEE 1/A-570



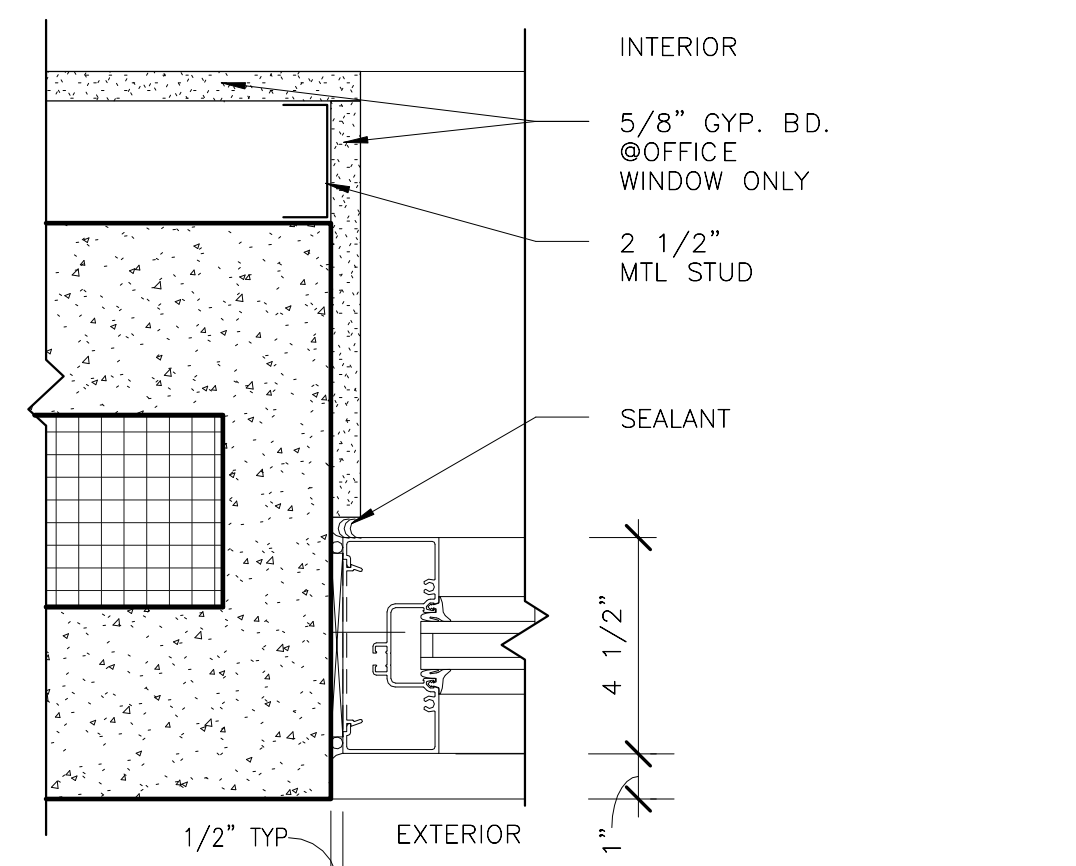
SILL - S1



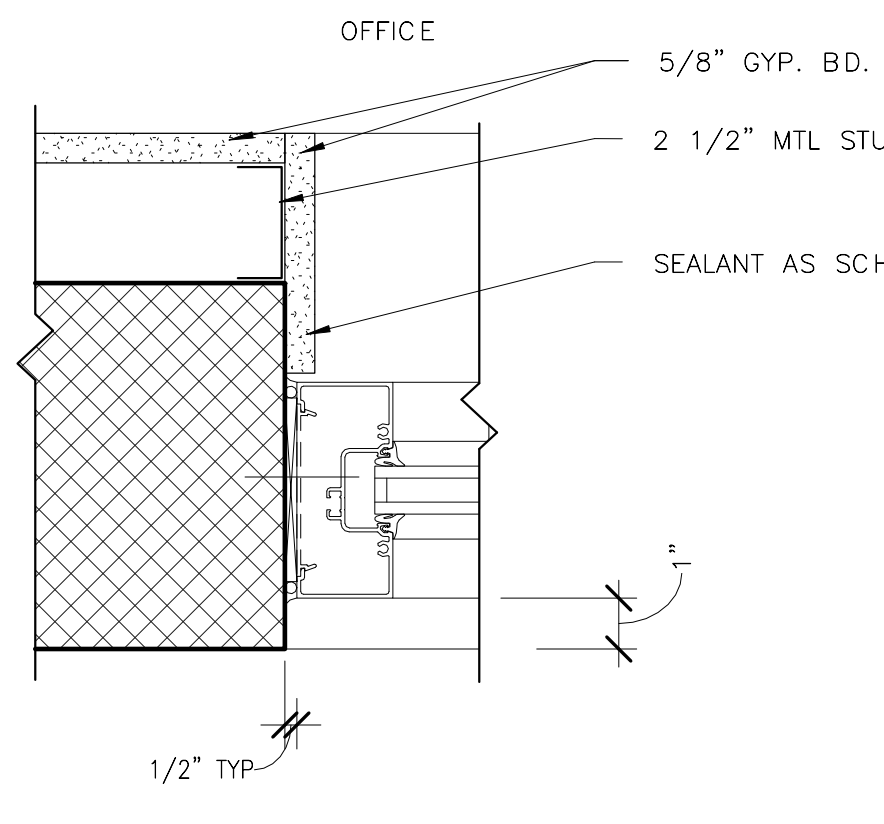
SILL - S2



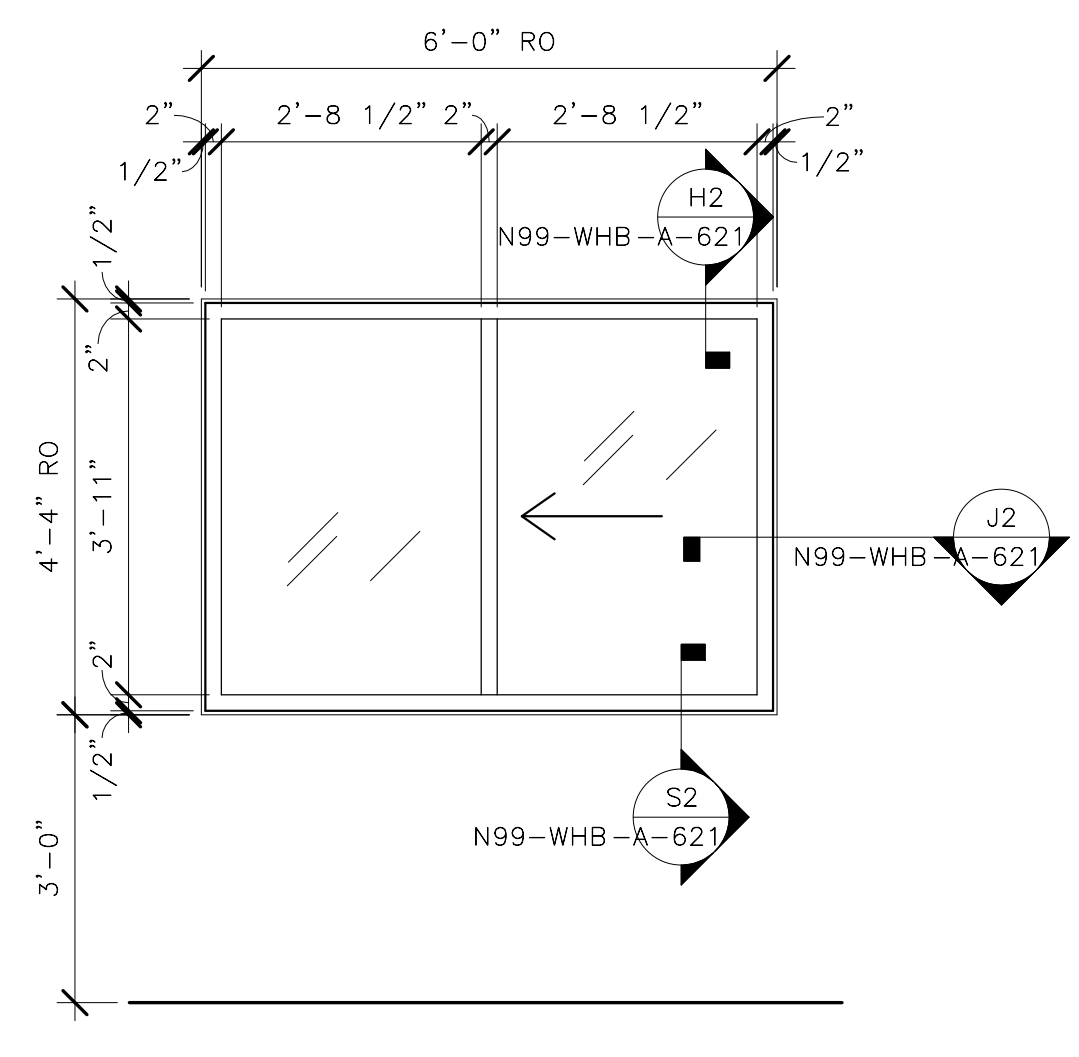
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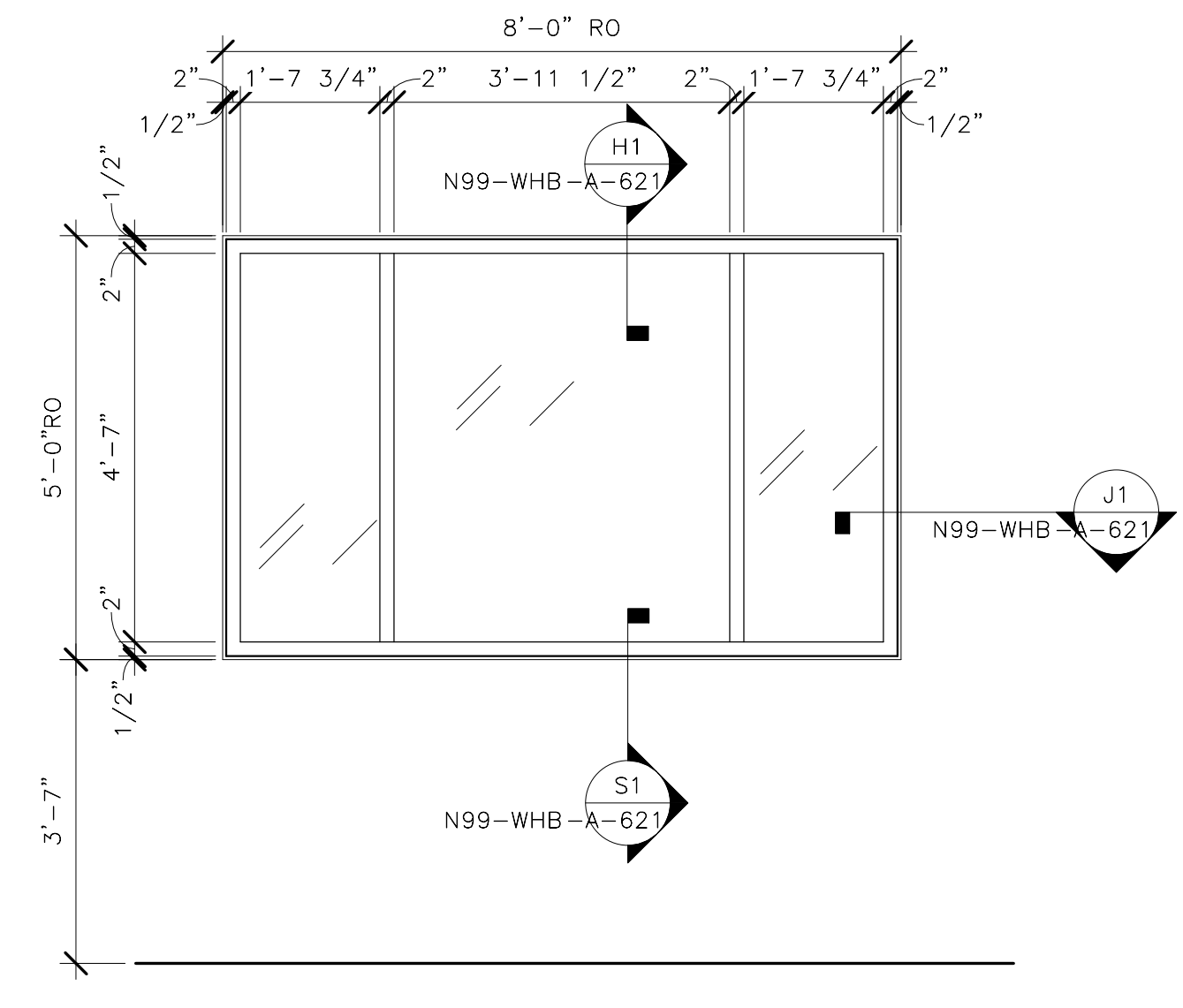
JAMB - J1



JAMB - J2

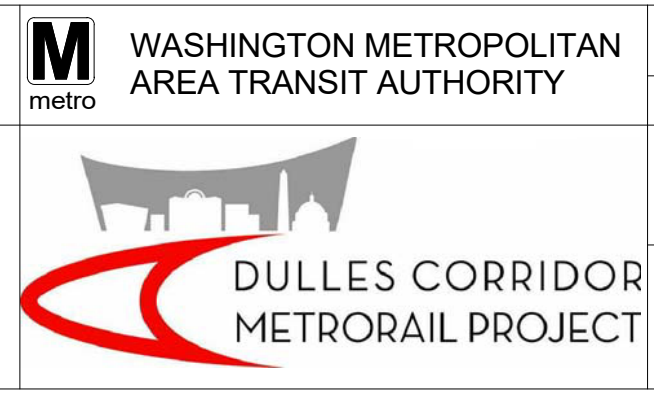
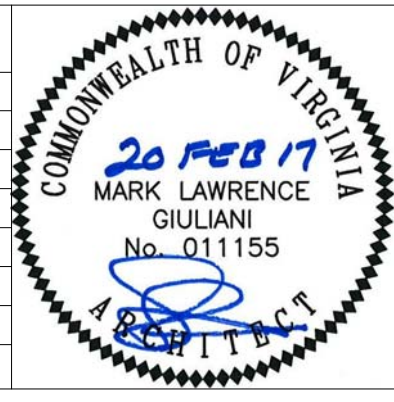


W10



W2

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NO	DATE	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017							
C. HOLMES	02/20/2017							
J. KELLEHER	02/20/2017							
M. GIULIANI	02/20/2017							

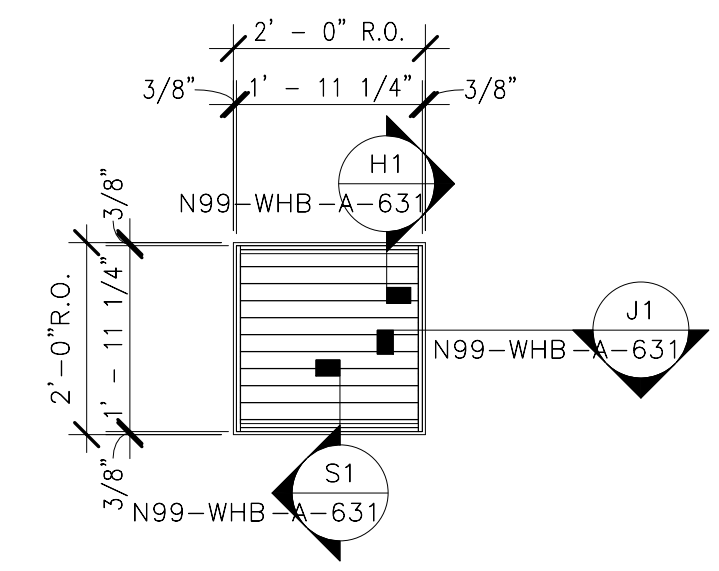


WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY		
WHB - WINDOW SCHEDULE AND DETAILS		
SCALE: AS NOTED	DRAWING NO.: N99-WHB-A-621	

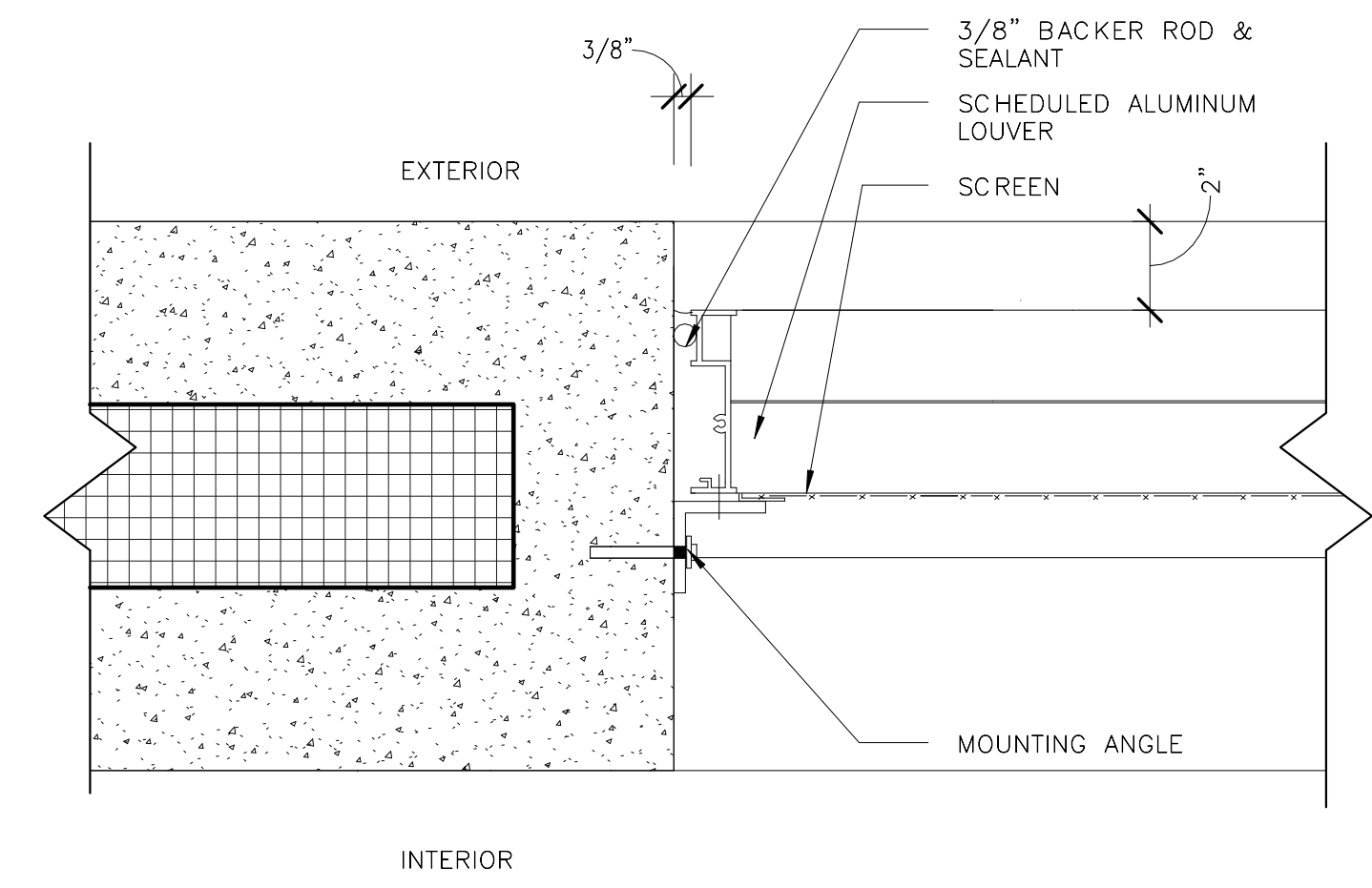
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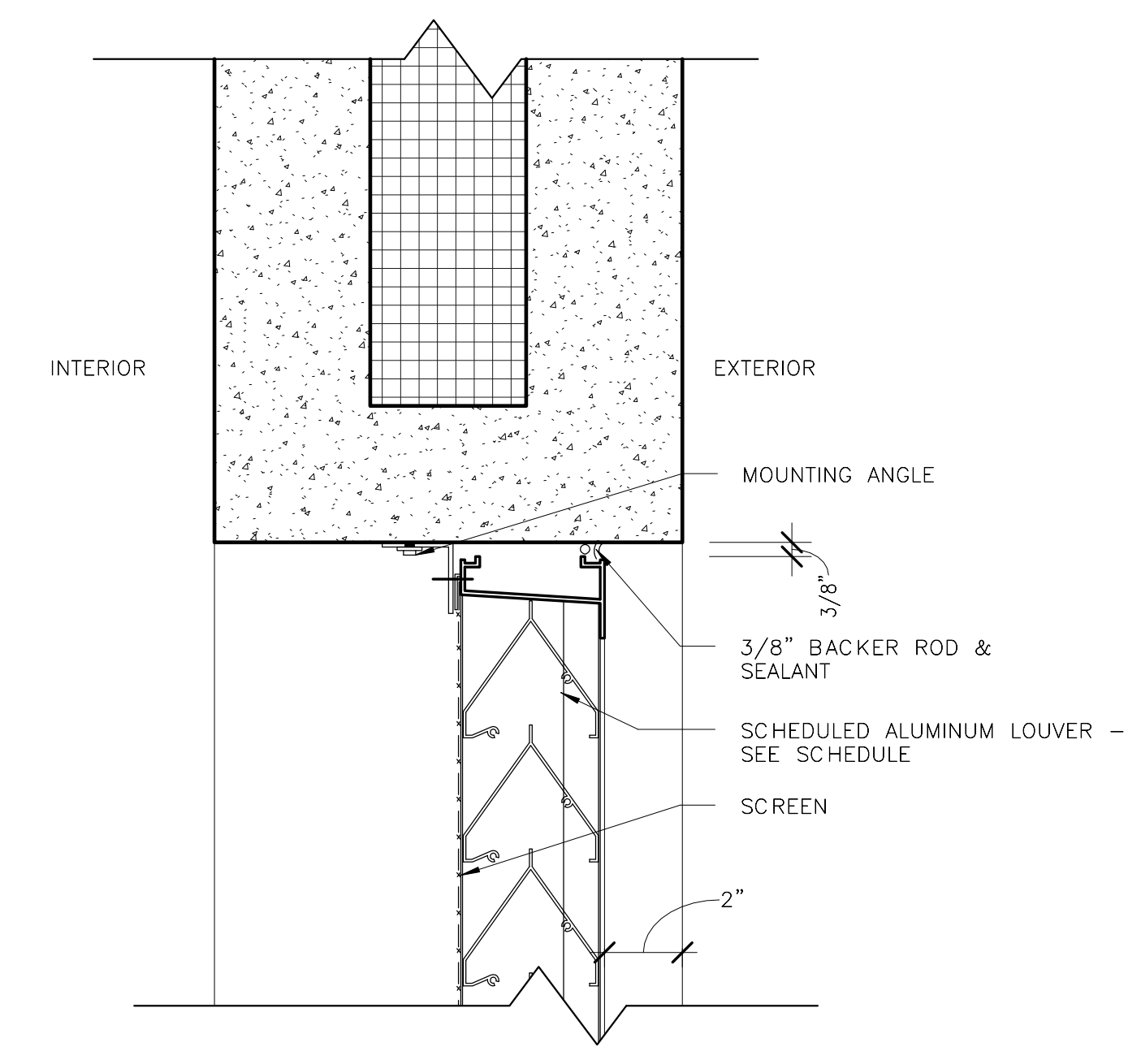
LOUVER SCHEDULE									REMARKS (SEE NOTES BELOW)
MARK	R.O.		FRAME		DETAILS				
	WIDTH	HEIGHT	FINISH	MATERIAL	HEAD	JAMB	SILL		
L2	2' - 0"	2' - 0"	PTD	ALUM	H1	J1	S1	50% OPEN AREA (MIN)	



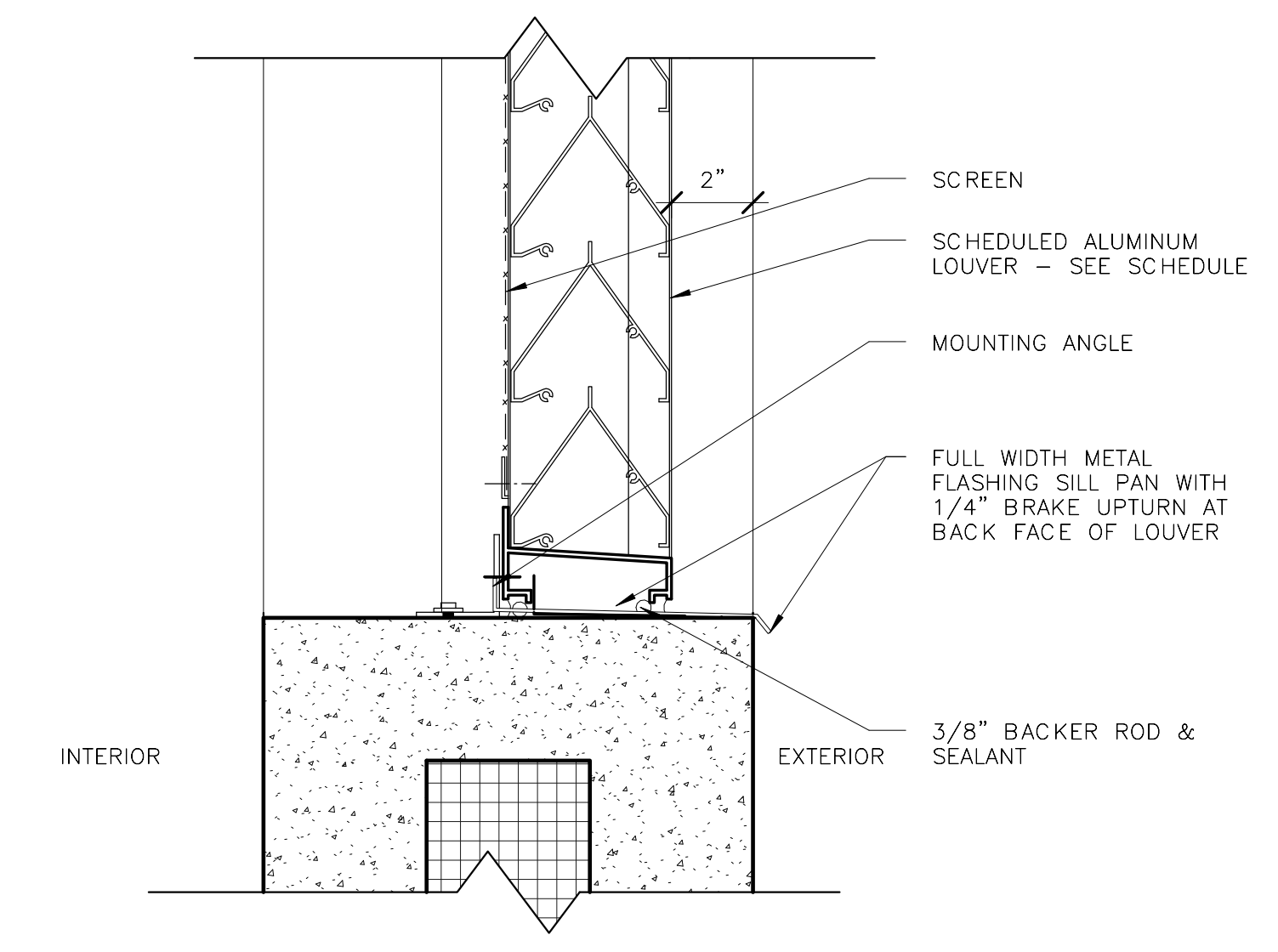
**L2 LOUVER ELEVATION**  
1/2" = 1'-0"  
1 0 1



**J1 LOUVER JAMB DETAIL**  
3" = 1'-0"  
6 4 2 0 6

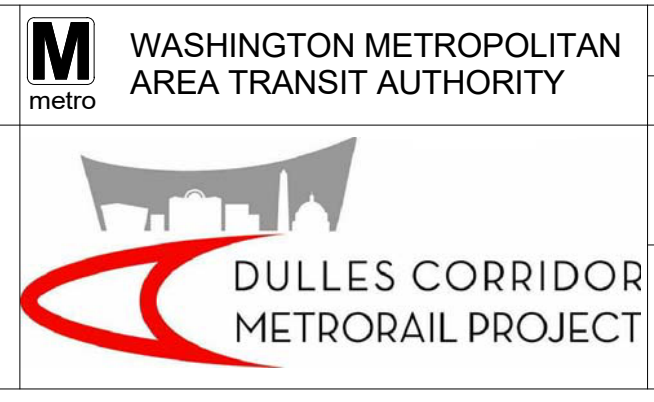
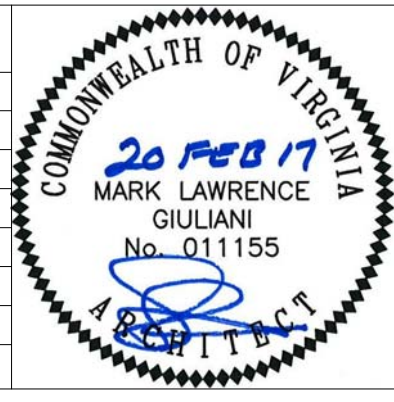


**H1 LOUVER HEAD DETAIL**  
3" = 1'-0"  
6 4 2 0 6



**S1 LOUVER SILL DETAIL**  
3" = 1'-0"  
6 4 2 0 6

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





WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>			
<b>WHB - LOUVER SCHEDULE AND DETAILS</b>			
SCALE: AS NOTED	DRAWING NO.: N99-WHB-A-631		

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ROOM NO	ROOM NAME	FINISH SCHEDULE										NOTES & REMARKS (SEE NOTES)
		WALL FINISH				FLOOR		BASE		CEILING		
		NORTH	EAST	SOUTH	WEST	MAT'L	FIN.	TYPE	MAT'L	FIN.	HT	
100	VESTIBULE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	RCB-1	ACT 1	PT-EG-1	-	WOM
101	WAREHOUSE	-	-	-	-	CONC	SLR	-	EXP.	PT-EG-1	-	
102	SHIPPING RECEIVING	-	-	-	-	CONC	SLR	-	EXP.	PT-EG-1	-	
103	LOBBY	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	ACT 1	-	9'-0"	
103A	CONTROL OFFICE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	ACT 1	-	9'-0"	
103B	RECEIVING OFFICE	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	ACT 1	-	9'-0"	
103C	BREAK ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	VCT-1	RCB-1	ACT 1	-	9'-0"	
103D	WOMEN	CWT	CWT	CWT	CWT	CONC	CFT	ACT 2	ACT 2	-	9'-0"	
103E	MEN	CWT	CWT	CWT	CWT	CONC	CFT	ACT 2	ACT 2	-	9'-0"	
104	PAINT ROOM	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	RCB-1	GYP	PT-EG-1	9'-0"	
105	WATER SERVICE VALVE ROOM	PT-SG-1	PT-SG-1	PT-SG-1	PT-SG-1	CONC	SLR	-	EXP.	PT-EG-1	-	
106	ELEC ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SLR	-	EXP.	PT-EG-1	-	
107	COMMS ROOM	PT-EG-1	PT-EG-1	PT-EG-1	PT-EG-1	CONC	SDT-1	-	EXP.	PT-EG-1	-	
108	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 STAINLESS STEEL SPLASH GUARDS
208	MEZZANINE	-	-	-	-	CONC	SLR	-	EXP.	PT-EG-1	-	

**FINISHES**

 CONC-1  
 CONC-2

NOTE : SEE FINISH SAMPLES BINDER FOR FINISH INFORMATION

**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
- 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
- SDT STATIC-DISSIPATIVE TILE
- SS SOLID SURFACE
- CTW-1 TILE GROUT WALLS
- CTF-1 TILE GROUT FLOORS
- TS TRANSITION STRIP
- WOM WALK OFF MAT
- NONE


**FINISH KEY**

SYMBOL	MANUFACTURER	MODEL	COLOR	NOTES
<b>ACOUSTICAL CEILING TILE</b>				
ACT-1	ARMSTRONG	ULTIMA 9/16" BEVELED TEGULAR METAL SUSPENSION SYSTEM: SILHOUETTE XL 9/16" BOLT SLOT - 1/4" REVEAL	WHITE	FOR OFFICES
ACT-2	ARMSTRONG	CERAMAGUARD-FINE METAL SUSPENSION SYSTEM: AL PRELUDE PLUS XL FIRE GUARD 15/16" EXPOSED TEE	WHITE	FOR WET AREAS
<b>CERAMIC WALL TILE</b>				
CTW	FLORIDA TILE, INC	SAVANNAH	MAGNOLIA WHITE	
<b>CERAMIC FLOOR TILE</b>				
CFT	METROPOLITAN CERAMICS	QUARRY BASICS	5047 PURITAN GRAY	
<b>CERAMIC TILE BASE</b>				
CTB	METROPOLITAN CERAMICS	QUARRY BASICS	507 PURITAN GRAY	ROUND TOP COVE BASE
<b>CONCRETE</b>				
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-5	SHERWIN WILLIAMS	-	DORIAN GRAY SW 7017	ALL DOORS/DOOR TRIM
<b>PLASTIC LAMINATE</b>				
PLAM-1	WILSON ART	4940K	18 ASTRO STRANDZ - ICE FISHIN	CASEWORK WHERE INDICATED
PLAM-2	PIONITE	-	WF181 - ICE FISHIN	WORK SURFACE - DRY AREAS
<b>RUBBER WALL BASE (RFB=RUBBER FLAT BASE; RCB=RUBBER COVE BASE)</b>				
RWB-1	ROPPE	4" BASE	174 SMOKE	NEUTRAL CONCEPT
<b>SOLID SURFACE</b>				
SS-1	LG HAUSYS	HI-MACS	G101 CRYSTAL BEIGE	WORK SURFACE - WET AREAS
<b>STATIC DISSIPATIVE TILE</b>				
SDT-1	ROPPE	SDT STATIC DISSIPATIVE TILE	753 STATUS BLUE	12" X 12" TILE
<b>TILE GROUT</b>				
CTW-1	LATICRETE	SPECTRALOCK PRO GROUT	10 SAUTERNE	WALLS
CTF-1	LATICRETE	SPECTRALOCK PRO GROUT	60 DUSTY GREY	FLOORS
<b>TRANSITION STRIP</b>				
TS-1	SCHLUTER	ALUM/SST	SCHLUTER RENO-U	CPT TO VCT/CONC
TS-2	ARMSTRONG	-	VT8 JETBLACK	VCT TO CONC
<b>VINYL COMPOSITION TILE</b>				
VCT-1	ARMSTRONG	MIGRATIONS BBT	T3501 PLATINUM GRAY	NEUTRAL CONCEPT
<b>WALK OFF MATT</b>				
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.

2/2/2018 10:38:54 AM

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS			
DATE	BY	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG
02/20/2017	J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK			0	02/20/2017	Issued for Permit	LK CTH JJK MLG
02/20/2017	C. HOLMES			1	07/11/2017	DC 0426: IFP Systemwide Arch Updates	LK CTH JJK MLG
02/20/2017	J. KELLEHER			2	11/13/2017	Field Change 0579: Tile Grout Clarification	RR CTH JJK MLG
02/20/2017	M. GIULIANI			3	12/05/2017	Design Change 0589: Ceramic Tile Base	RR CTH JJK MLG



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY




WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

WMATA LDP 2009 39D-02-16


CONTRACT NO.: 8-14-C001

**RAIL YARD AND MAINTENANCE FACILITY**


**WHB - FINISH SCHEDULE**



giuliani ASSOCIATES ARCHITECTS



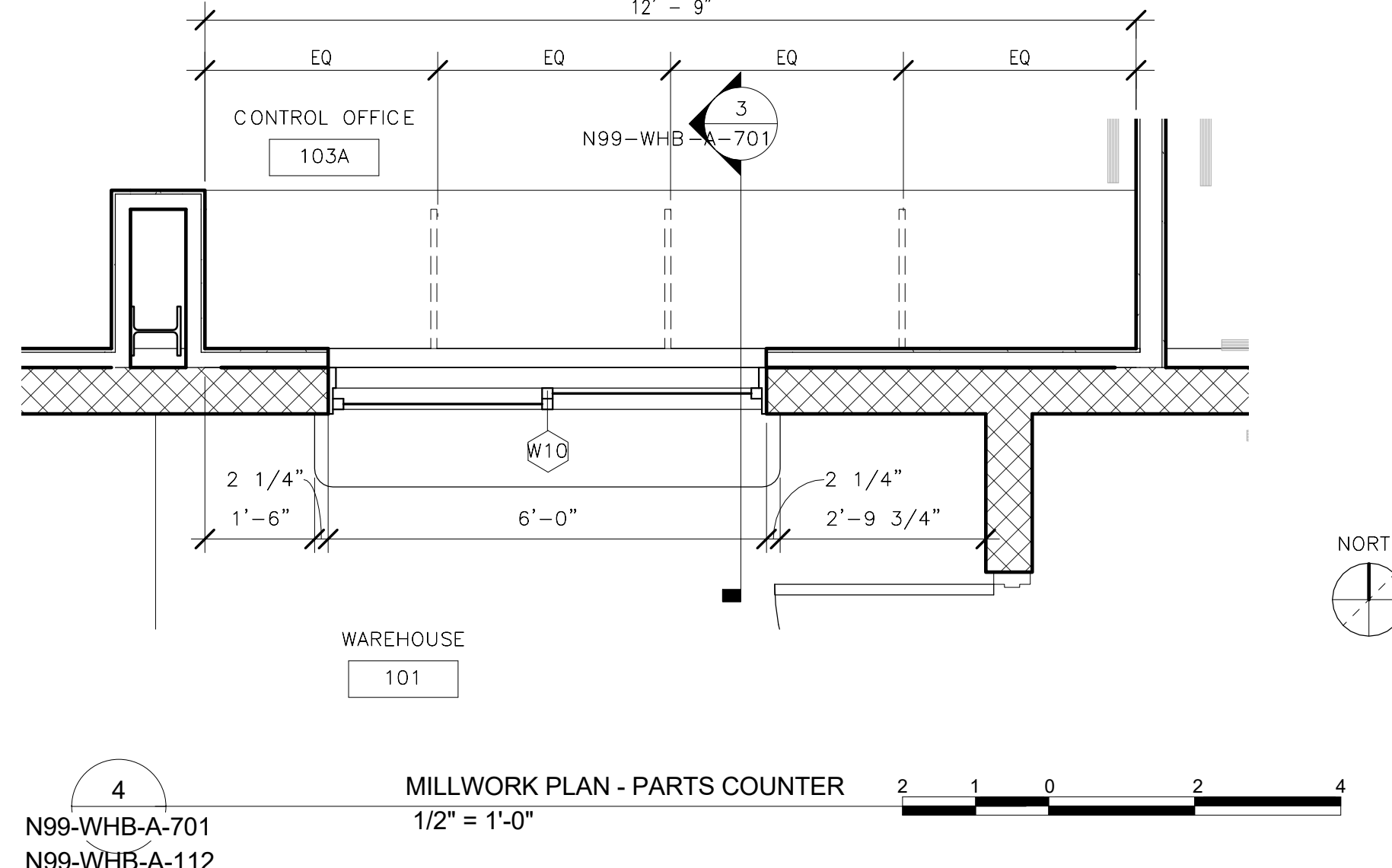
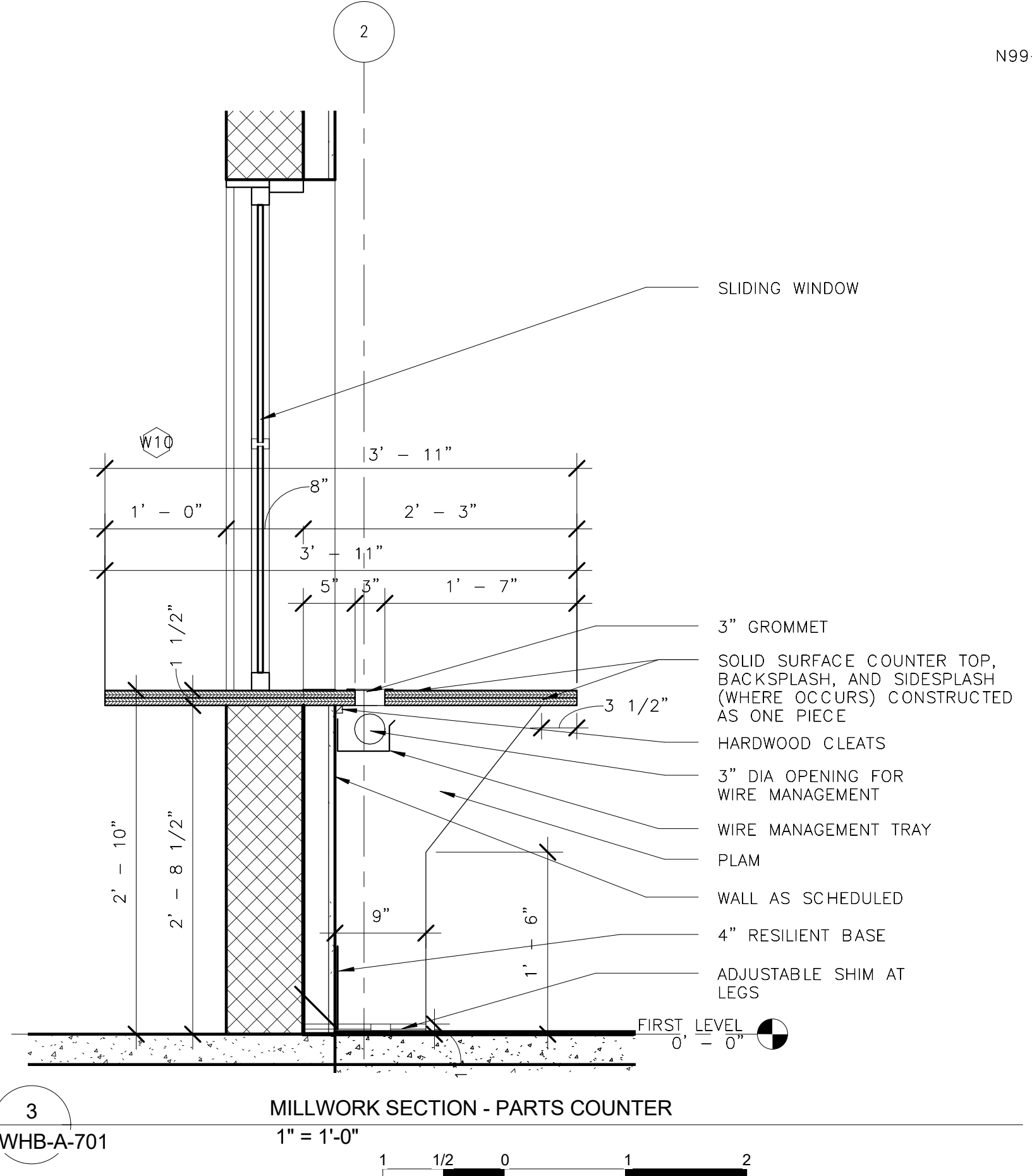
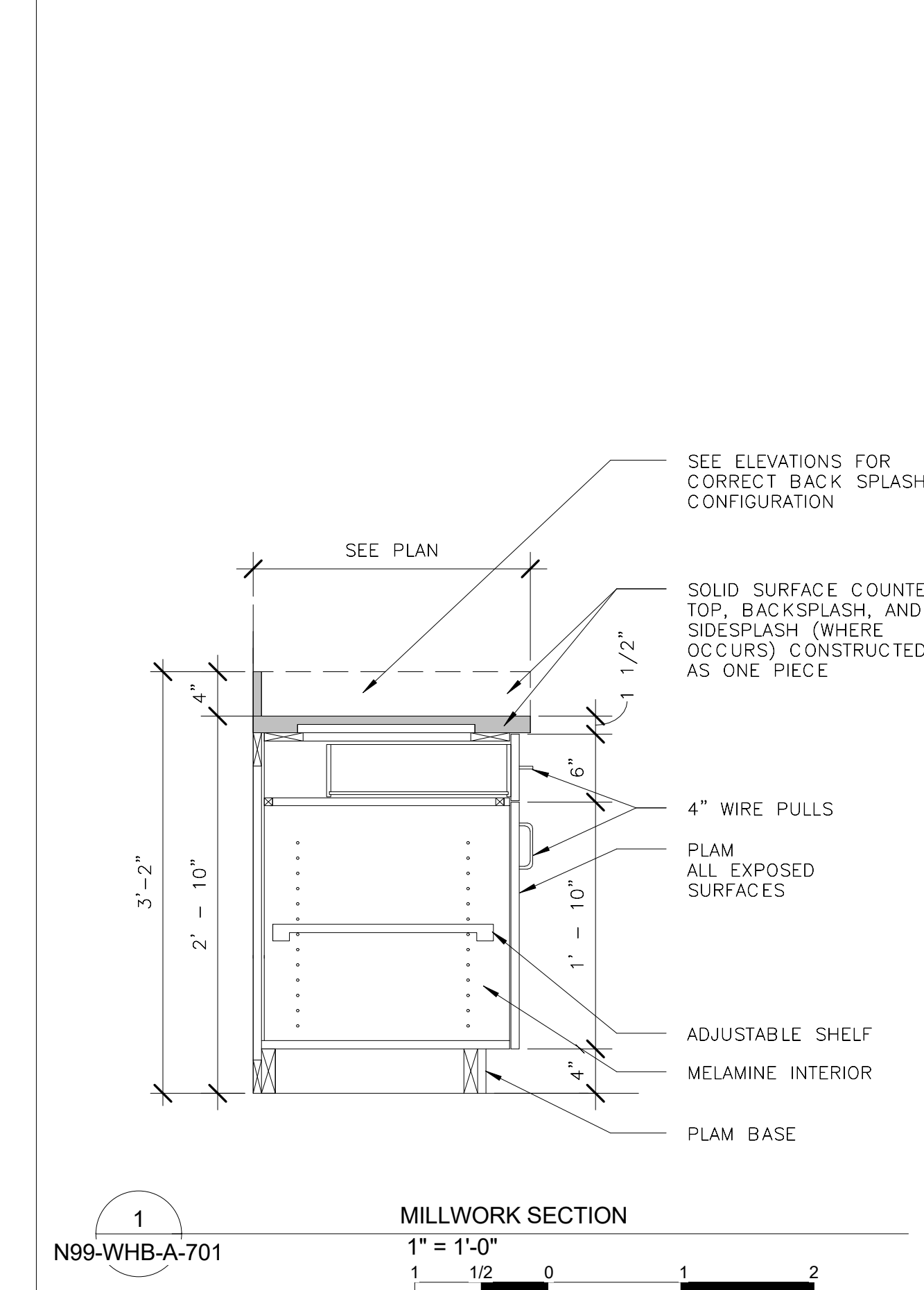
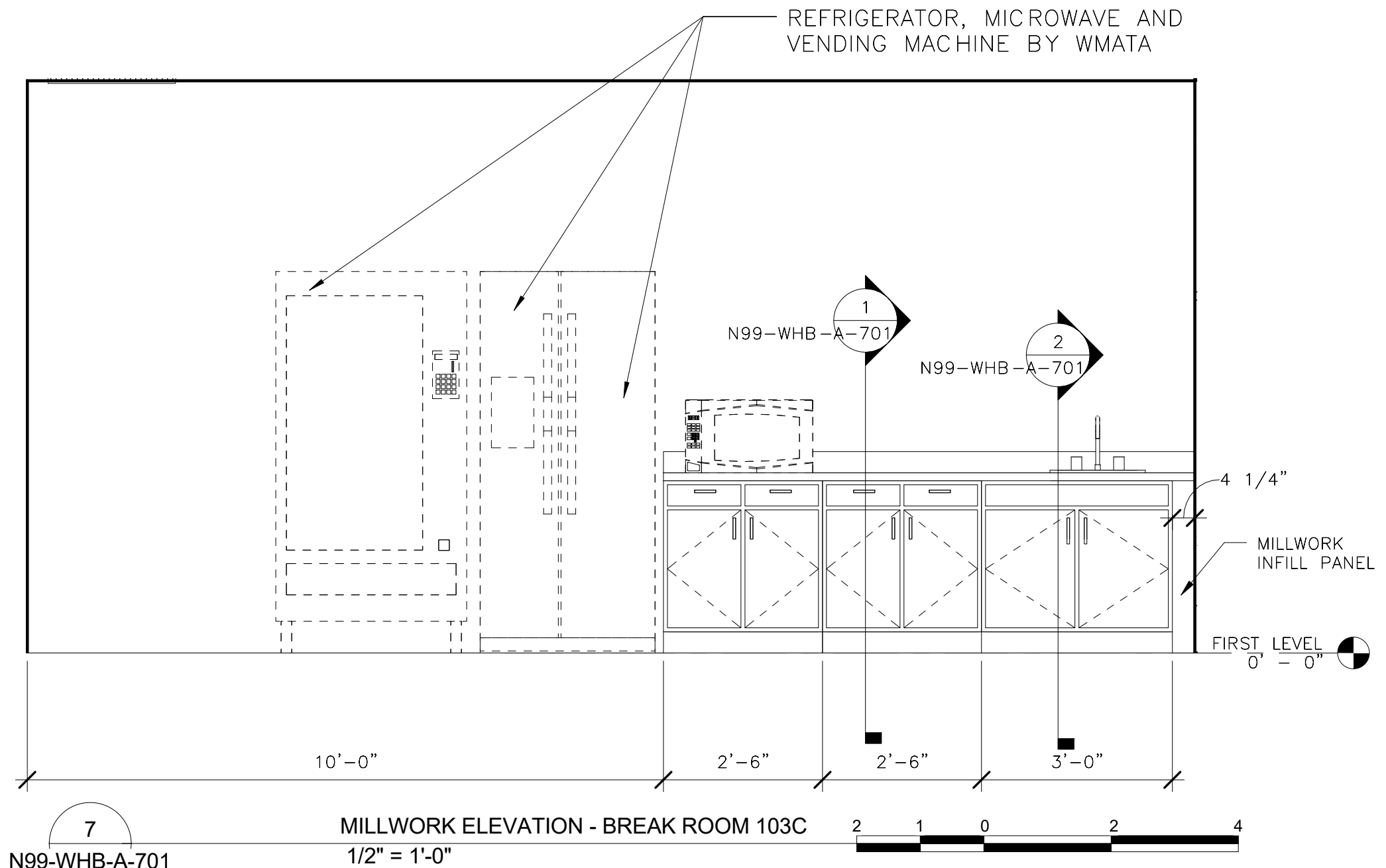
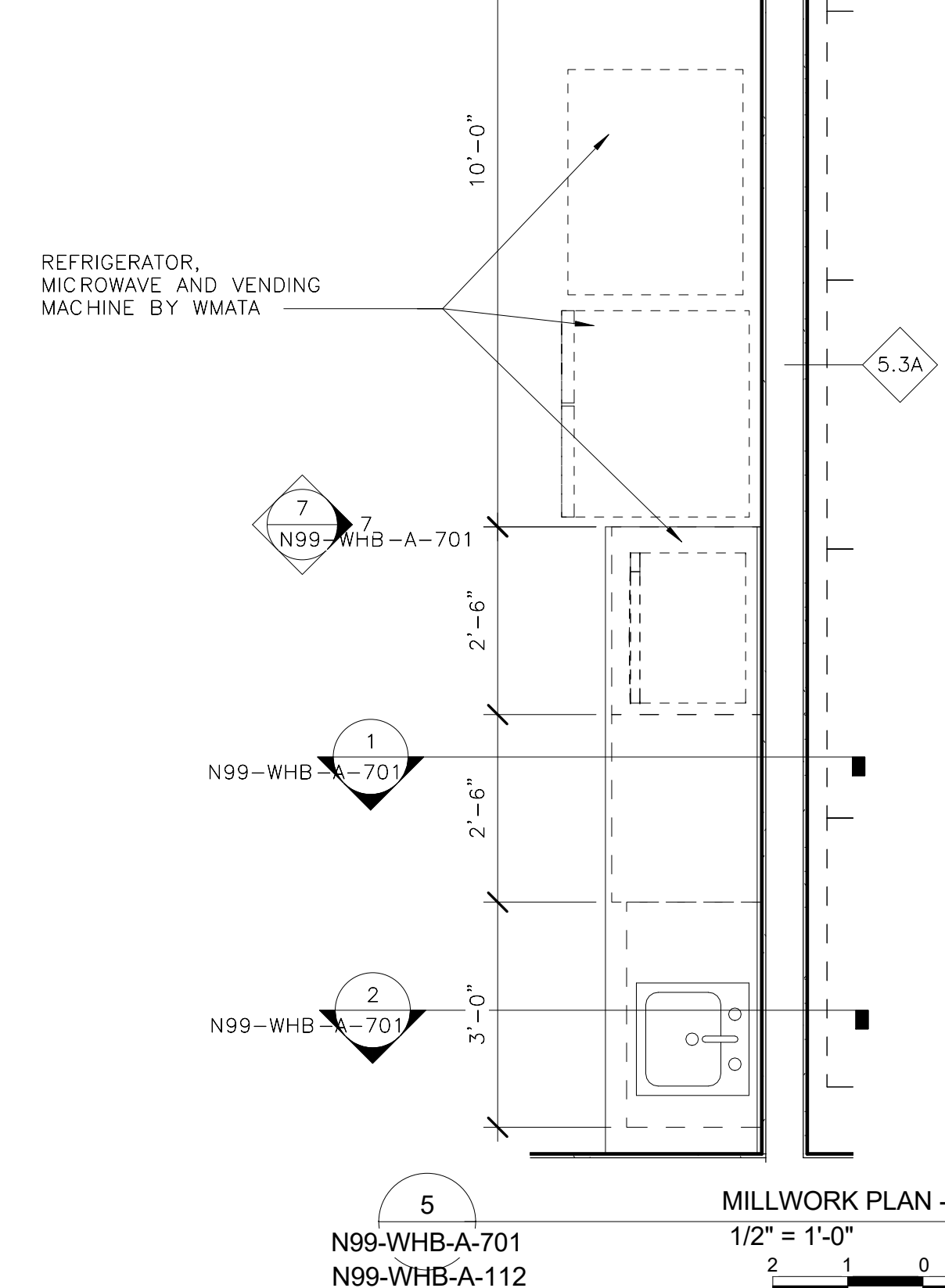
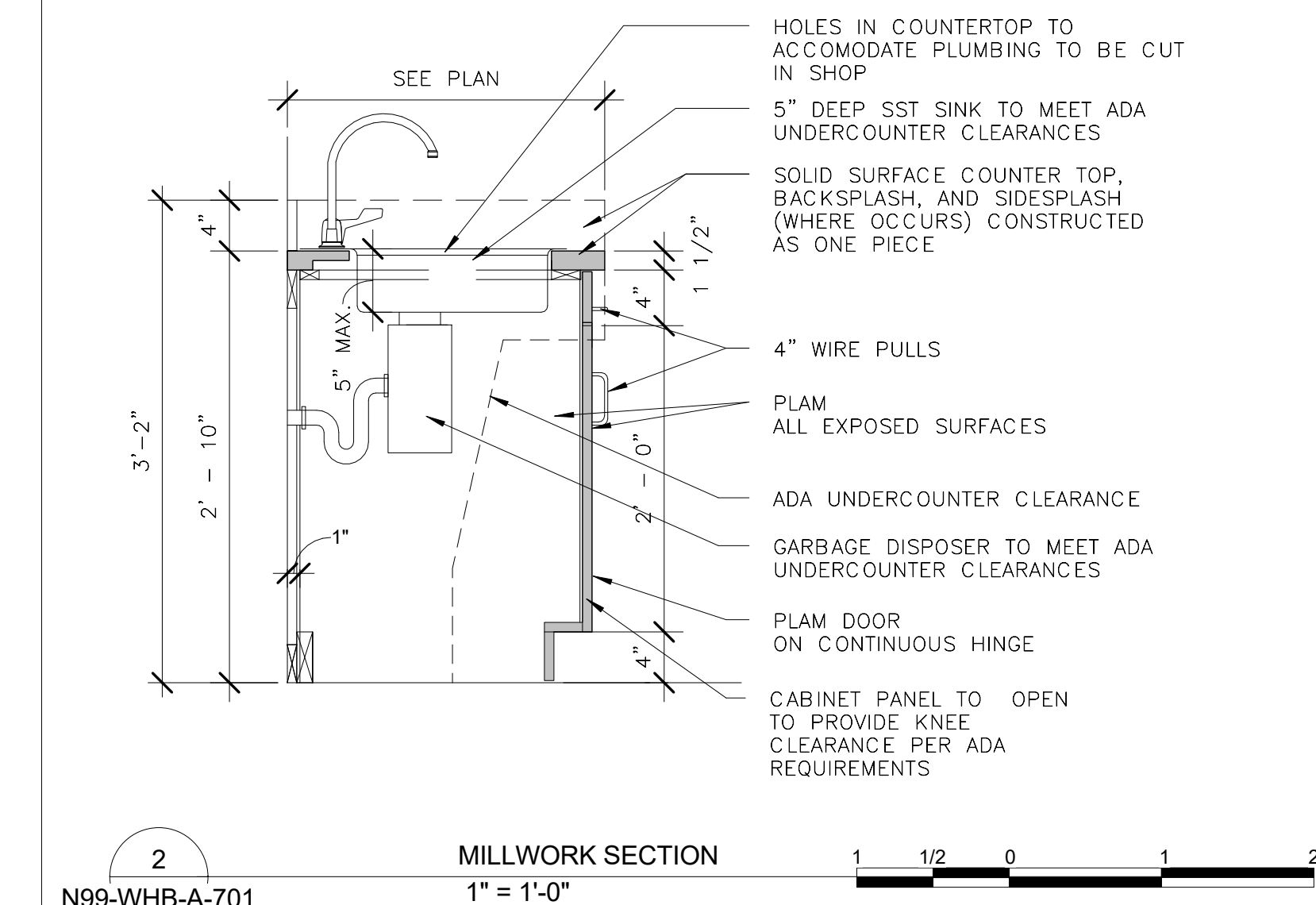
HENSEL PHELPS Plan. Build. Manage.



DULLES CORRIDOR METRO RAIL PROJECT

SCALE: NTS

DRAWING NO.: N99-WHB-A-641

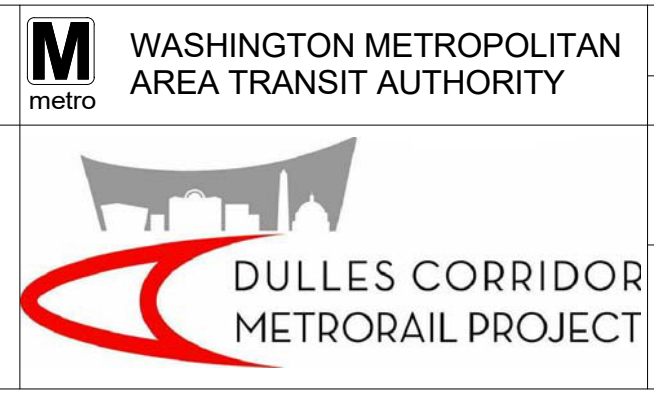
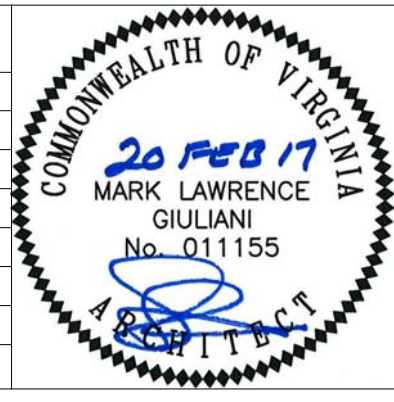


ORIGINATORS

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

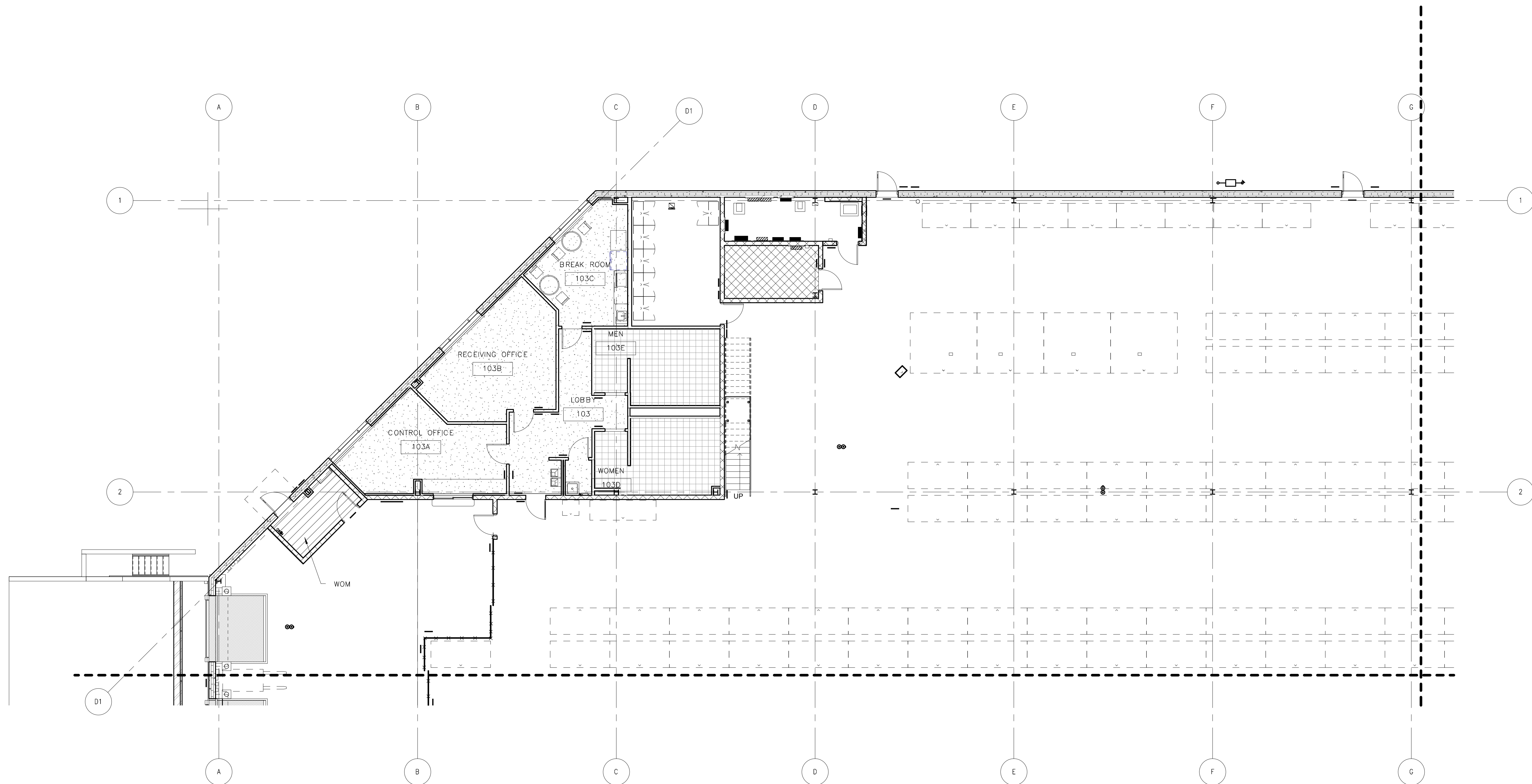
REFERENCE DRAWINGS

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



WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>		
<b>WHB - MILLWORK</b>		
SCALE: AS NOTED	DRAWING NO.: N99-WHB-A-701	

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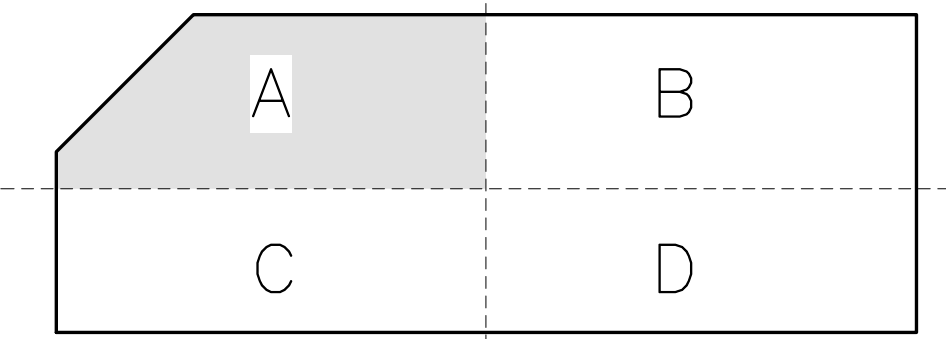
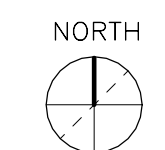


1  
N99-WHB-AI-101  
FIRST LEVEL FINISH PLAN  
1/8" = 1'-0"



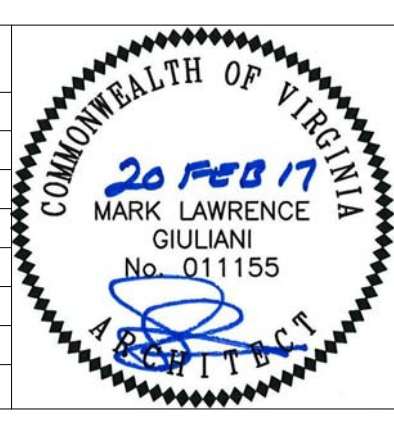
FINISH LEGEND		
	VCT-1	
	SDT-1	

REFER TO N99-WHB-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

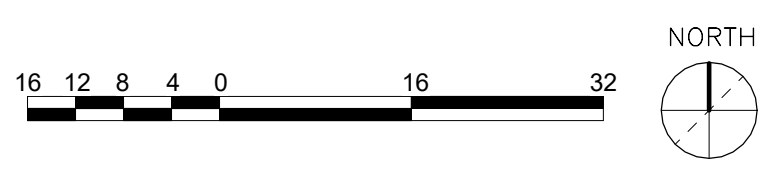
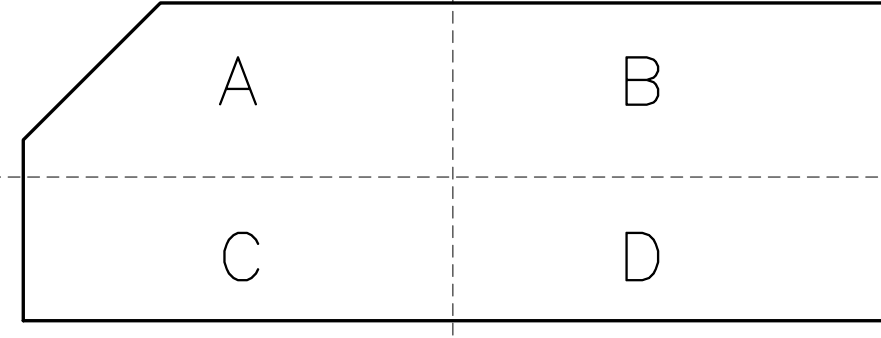
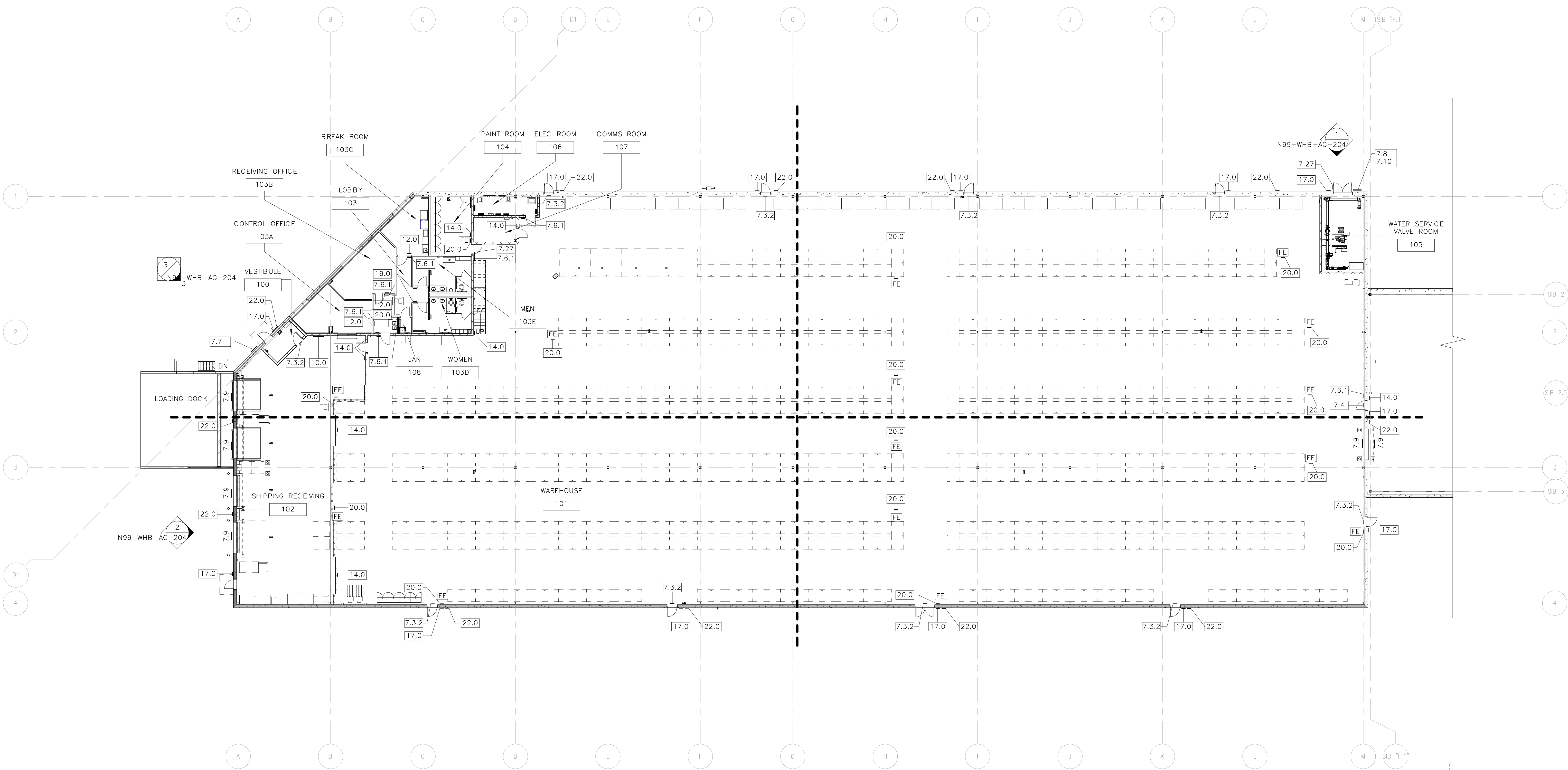
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		0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG



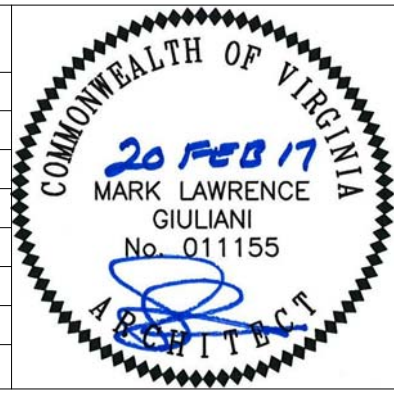
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - FIRST FLOOR FINISH PLAN - AREA A			
SCALE: 1/8" = 1'-0"	DRAWING NO.: N99-WHB-AI-101		

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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
C. HOLMES	02/20/2017									
J. KELLEHER	02/20/2017									
M. GIULIANI	02/20/2017									



 METROPOLITAN WASHINGTON AIRPORTS AUTHORITY	 <b>HENSEL PHELPS</b> Plan. Build. Manage.	 WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	 DULLES CORRIDOR METRORAIL PROJECT	WMATA LDP 2009 39D-02-16 CONTRACT NO.: 8-14-C001
<b>RAIL YARD AND MAINTENANCE FACILITY</b>				
<b>WHB - SIGN PLAN</b>				
SCALE: 1/16" = 1'-0"			DRAWING NO.: N99-WHB-AG-111	

2/15/2017 3:50:19 PM



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.

7.5 - EMERGENCY/RESTRICTIVE TACTILE DOOR SIGNS

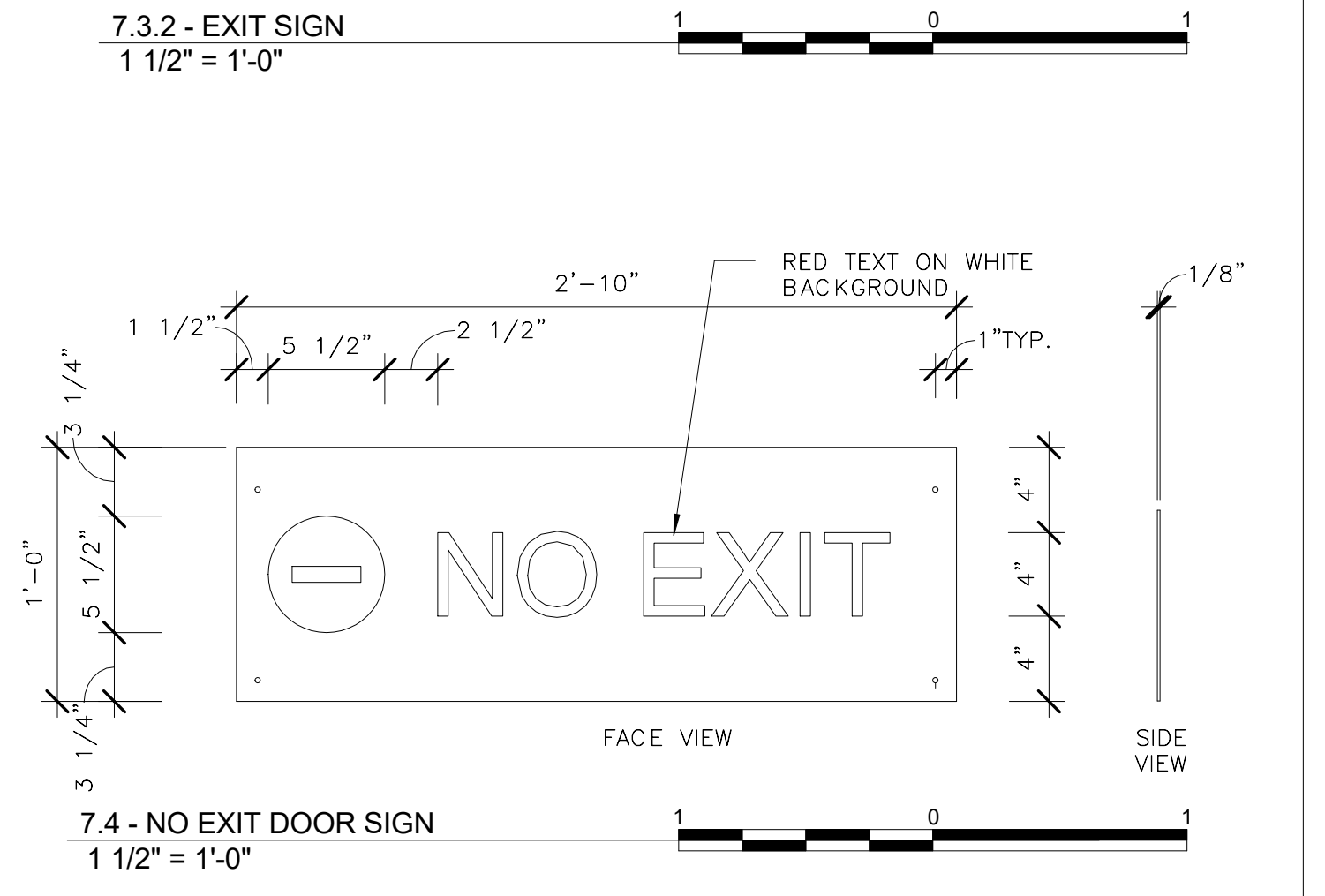
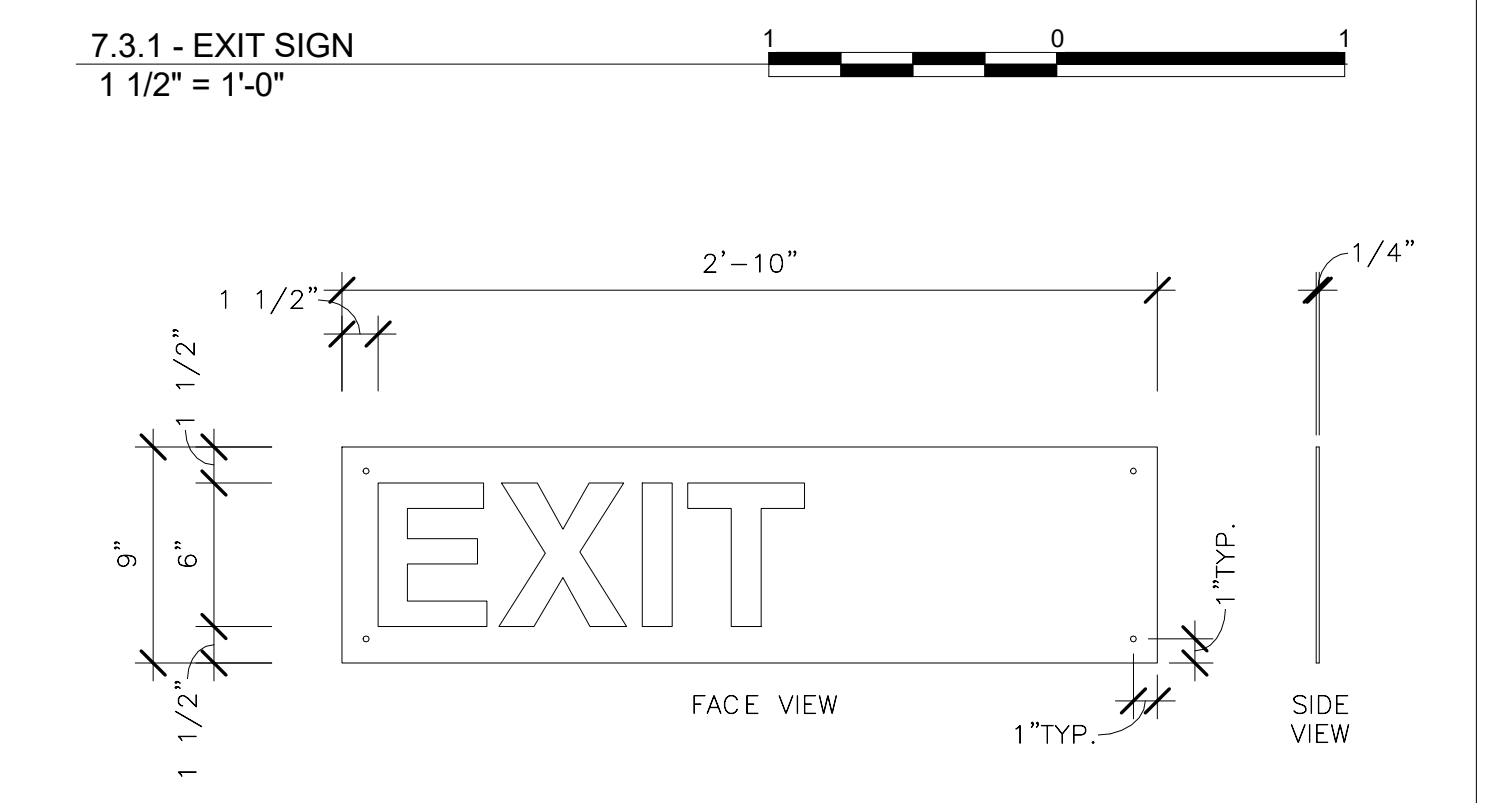
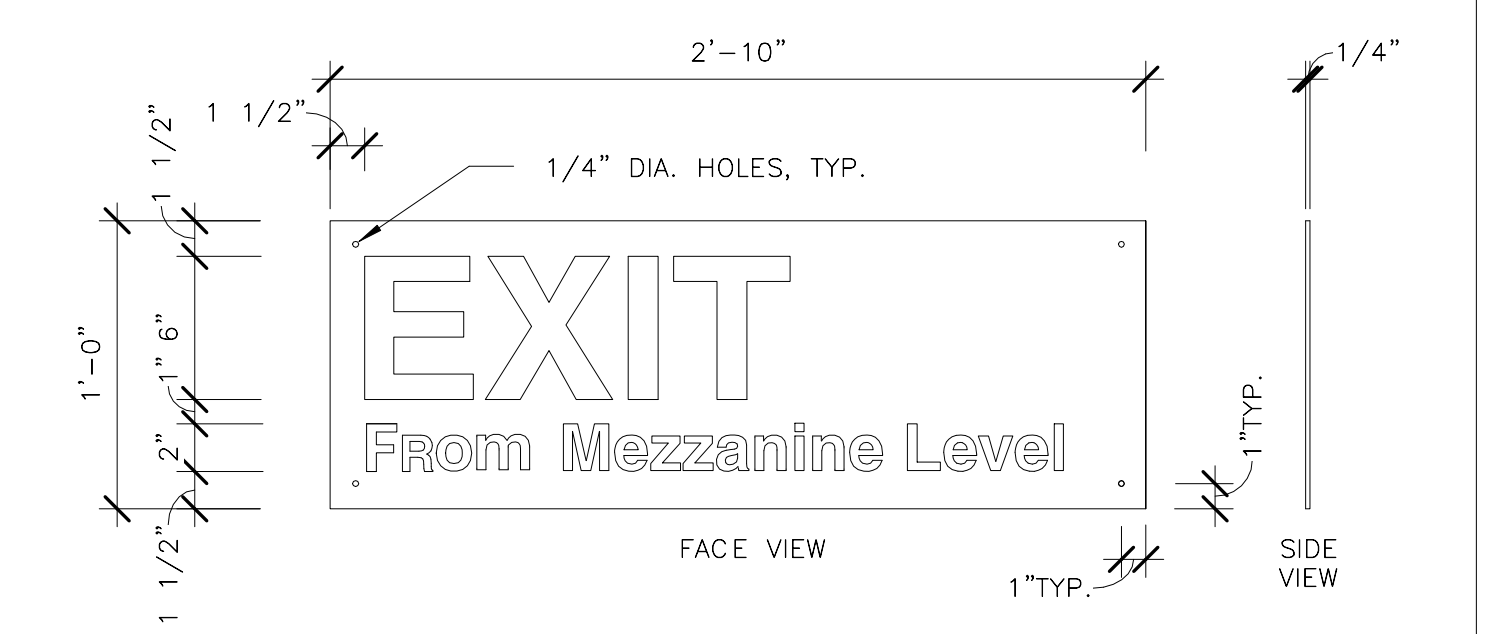
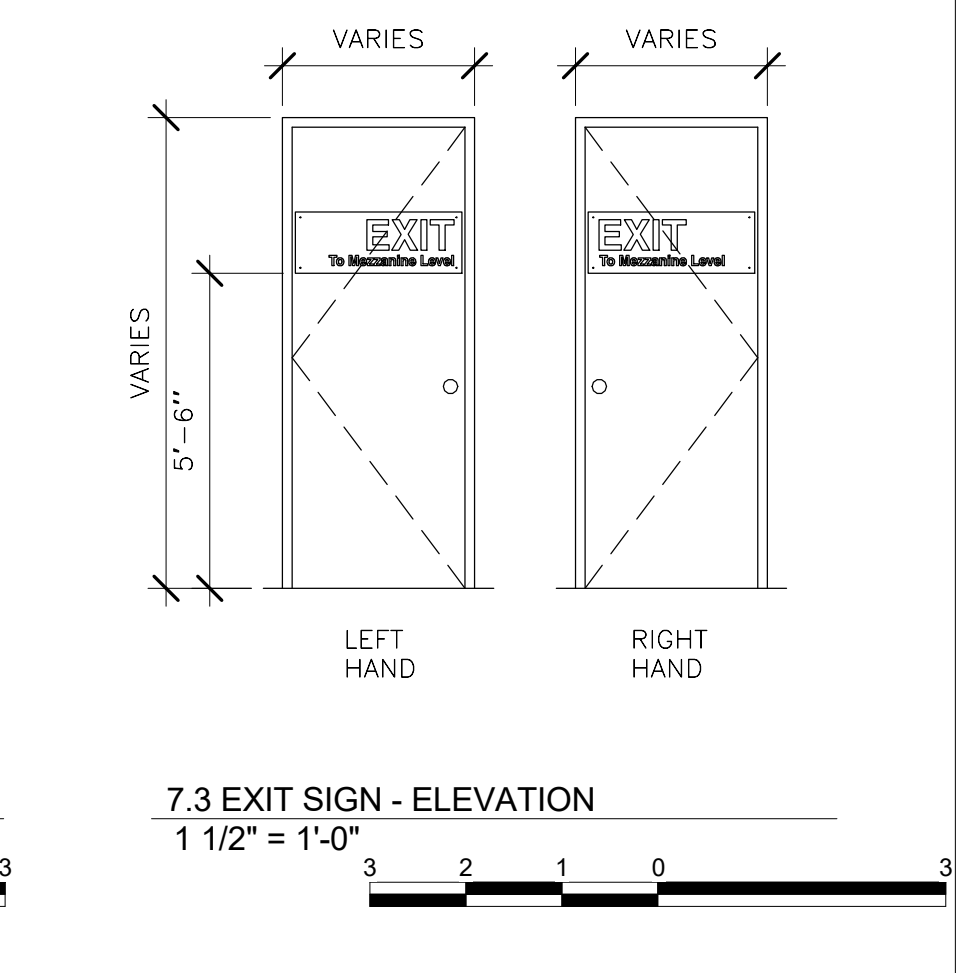
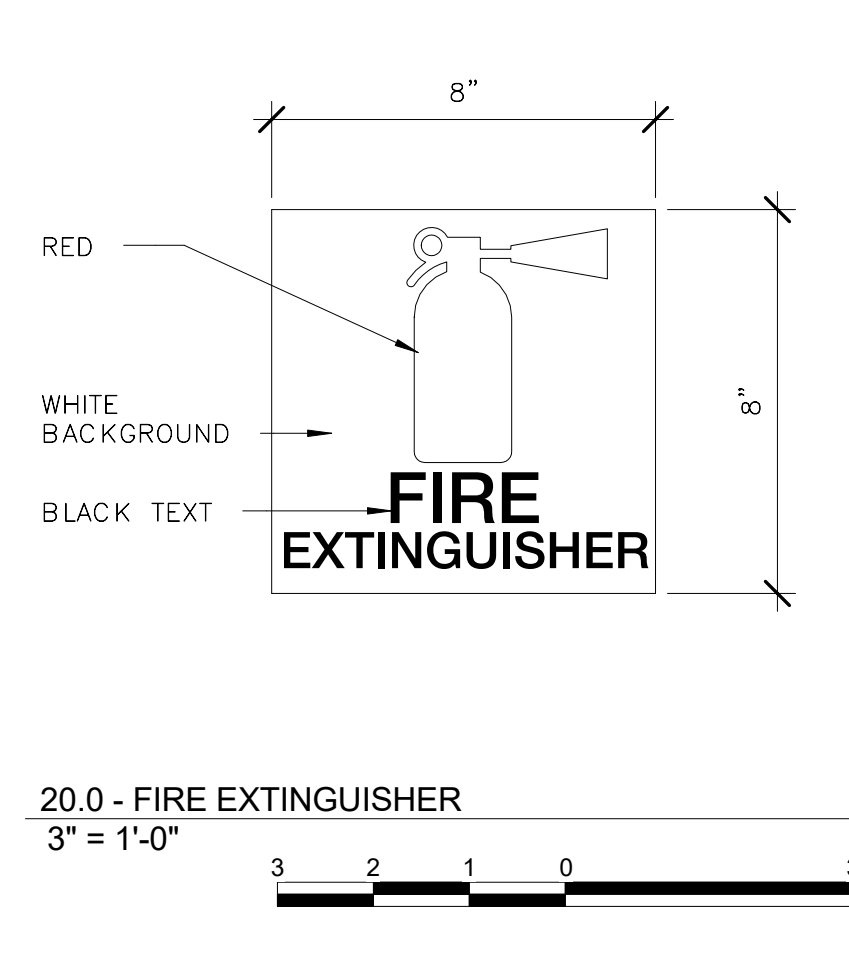
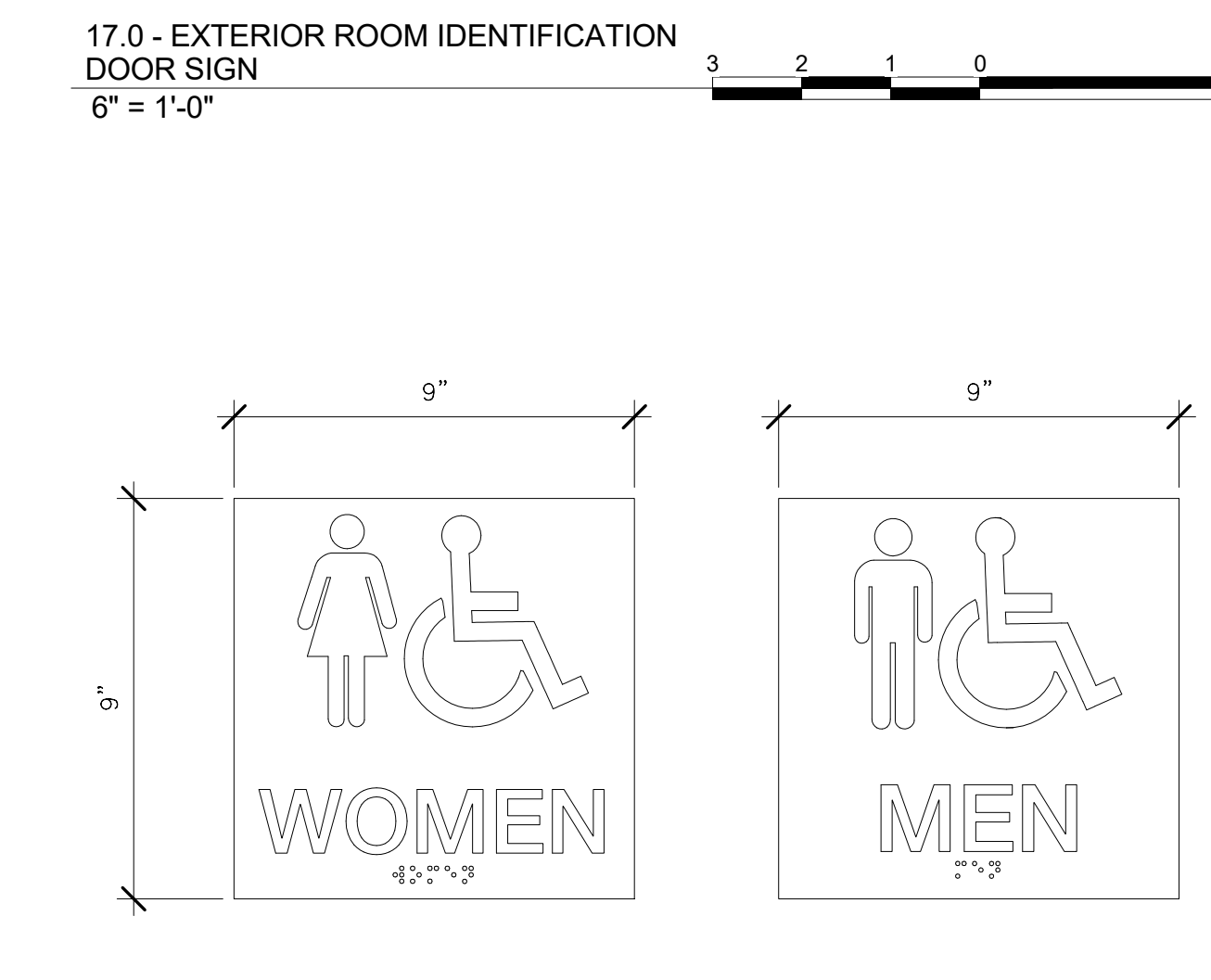
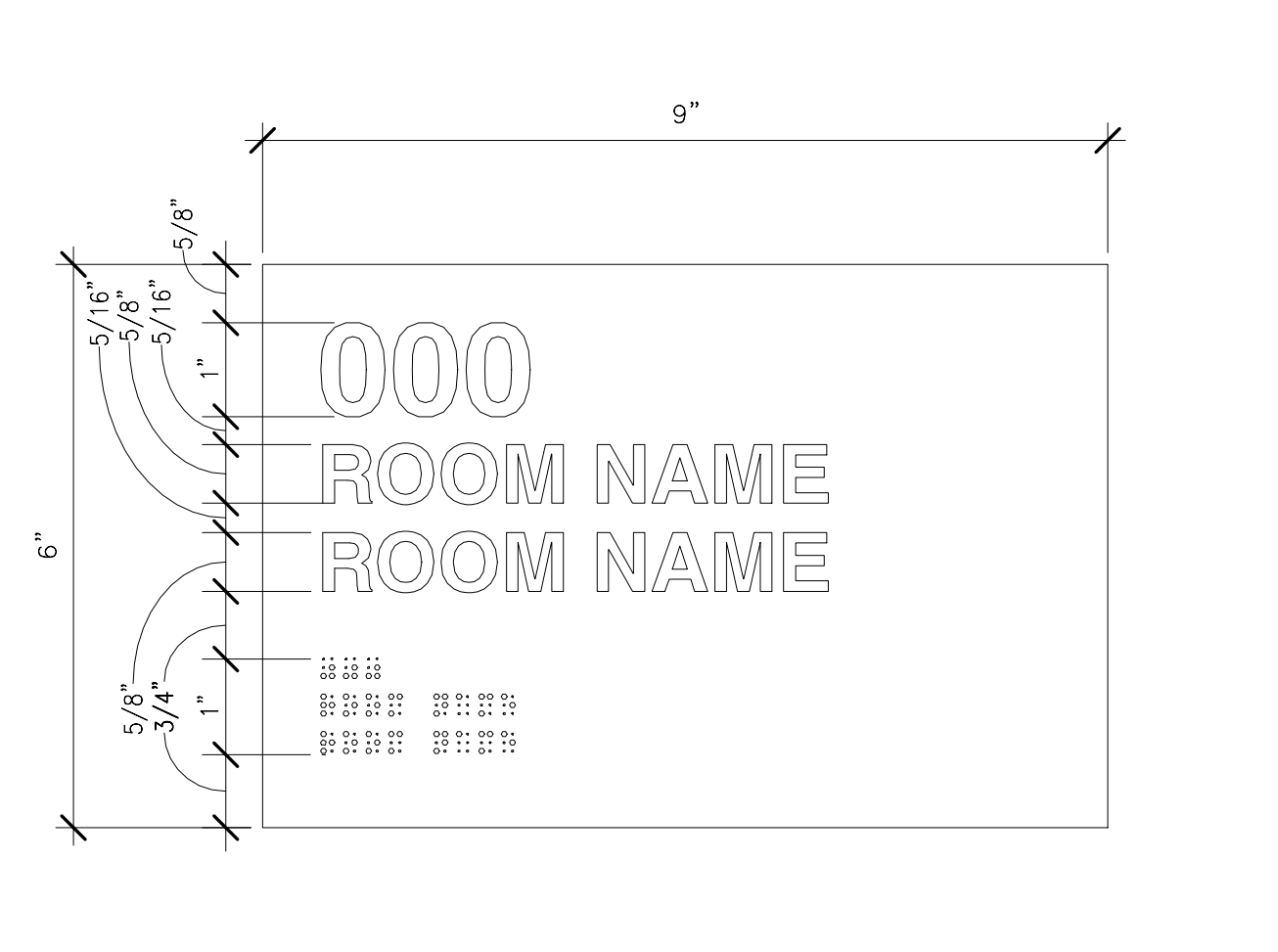
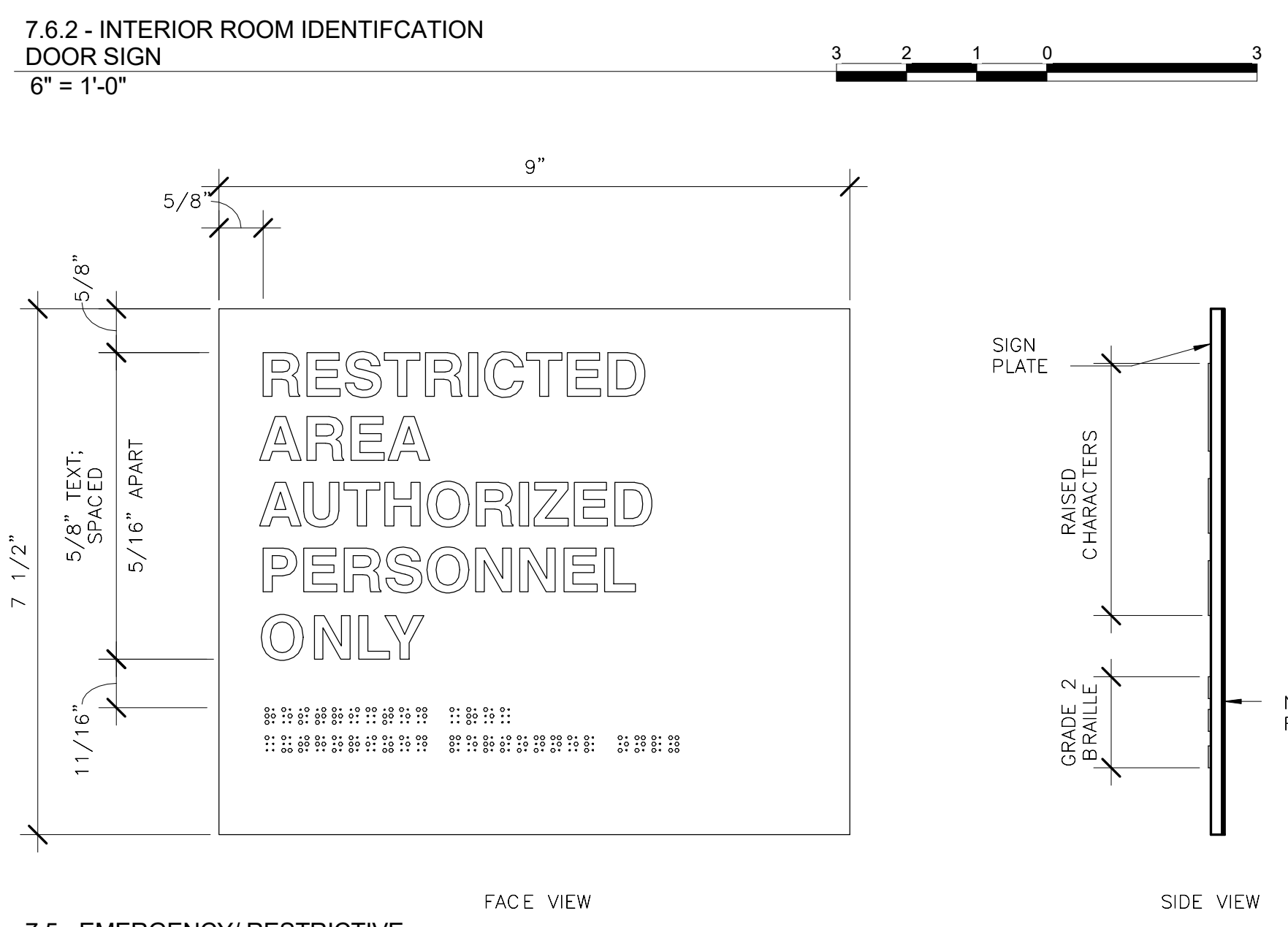
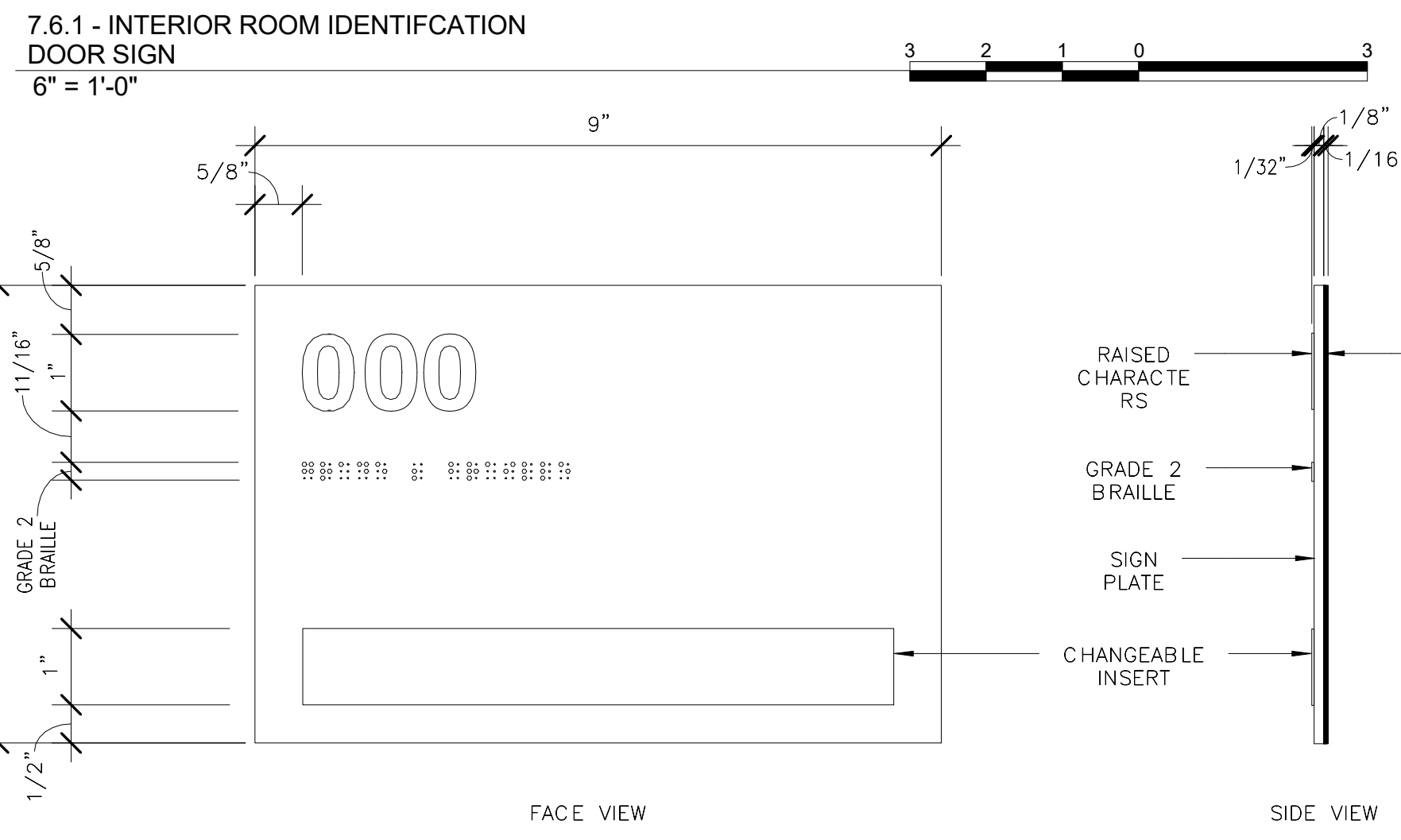
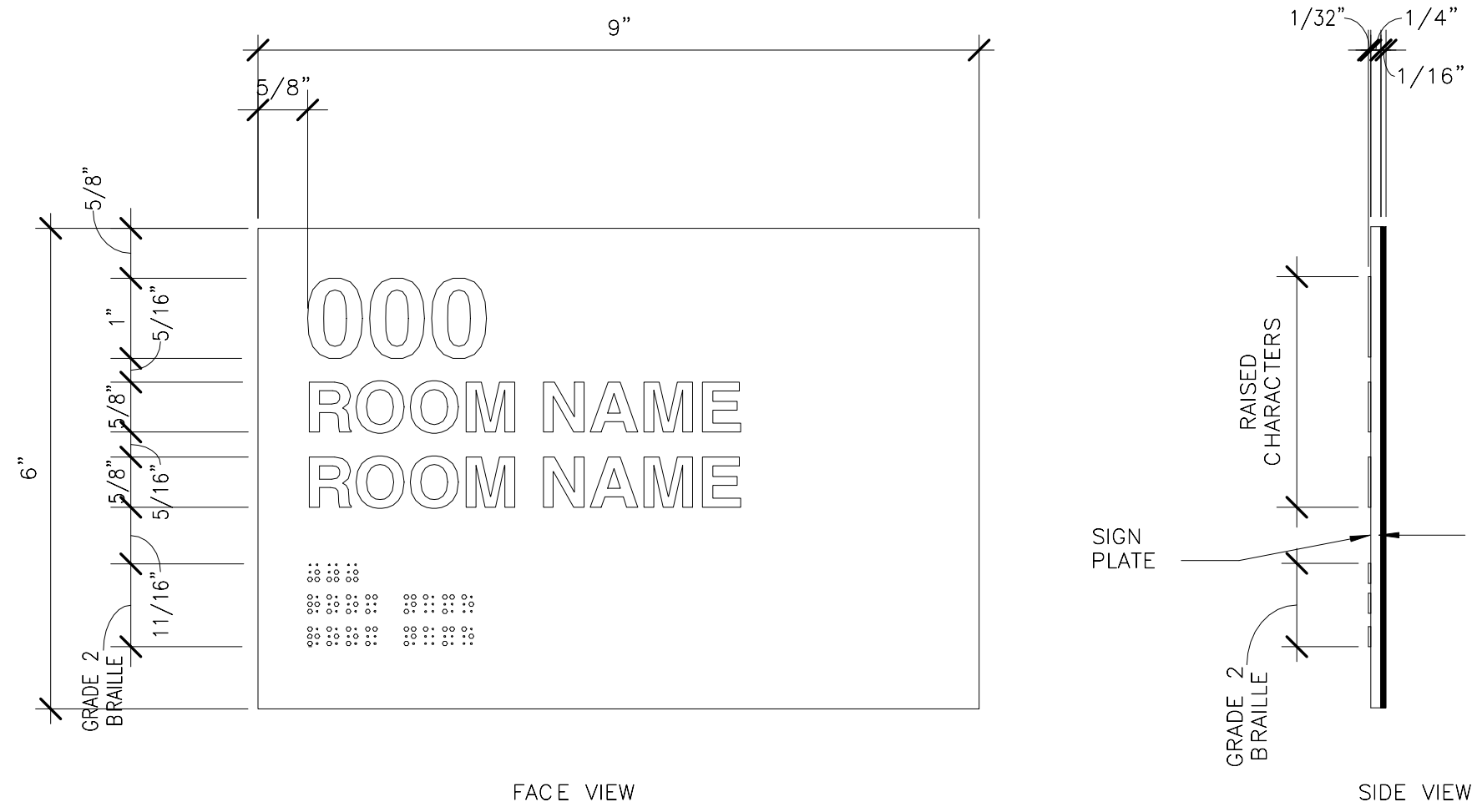
1. SIGN MATERIAL TO BE ENGINEER GRADE POLYMER.
2. GROUNDS, BRAILLE AND EDGES TO MATCH PMS 185 RED.
3. COPY TO BE WHITE, NEUE HELVETICA STD 75 BOLD RAISED LETTERS.
4. SIGNS TO BE STUD MOUNTED TO CONCRETE WALL WITH MINIMUM PENETRATION DEPTH OF 3/4" ; SIGN PENETRATION OF 1/8" .
5. SIGNS TO HAVE CONTINUOUS CLEAR SILICONE SEALANT PERIMETER BEADS. EXCESS TO BE IMMEDIATELY REMOVED.
6. SIGNS TO BE MOUNTED AT 60" FROM FINISHED FLOOR TO BOTTOM OF FIRST LINE OF RAISED CHARACTERS. MOUNT AT 48" MINIMUM FROM FINISHED 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 FINISHED FLOOR TO BOTTOM OF FIRST LINE OF RAISED CHARACTERS. MOUNT AT 48" MINIMUM FROM FINISHED FLOOR TO BOTTOM OF SIGN.
7. REFER TO N99-LCW-G-005 FOR TYPICAL SIGN MOUNTING DETAILS.

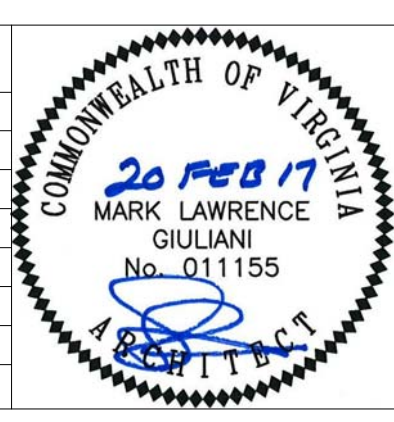
17.0 - EXTERIOR ROOM IDENTIFICATION DOOR SIGNS

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 FINISHED FLOOR TO BOTTOM OF FIRST LINE OF RAISED CHARACTERS. MOUNT AT 48" MINIMUM FROM FINISHED FLOOR TO BOTTOM OF SIGN.
7. REFER TO N99-LCW-G-005 FOR TYPICAL SIGN MOUNTING DETAILS.



ORIGINATORS	
J. KENT / L. ORELLANA / C. ROORIGUEZ / 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		REVISIONS						
NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
		0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG

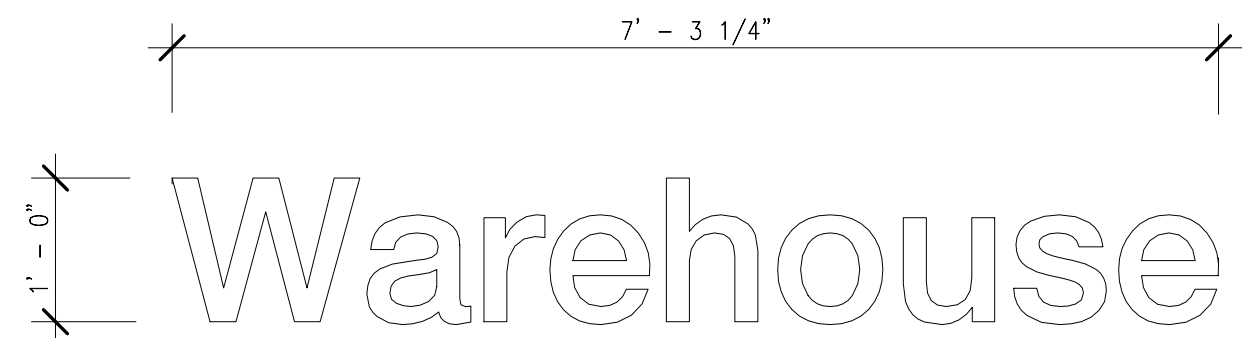


WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	WMATA LDP 2009	39D-02-16	CONTRACT NO.: 8-14-C001
RAIL YARD AND MAINTENANCE FACILITY			
WHB - SIGNAGE DETAILS			
SCALE: AS NOTED	DRAWING NO.: N99-WHB-AG-200		

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**7.7 - BUILDING ADDRESS SIGN**

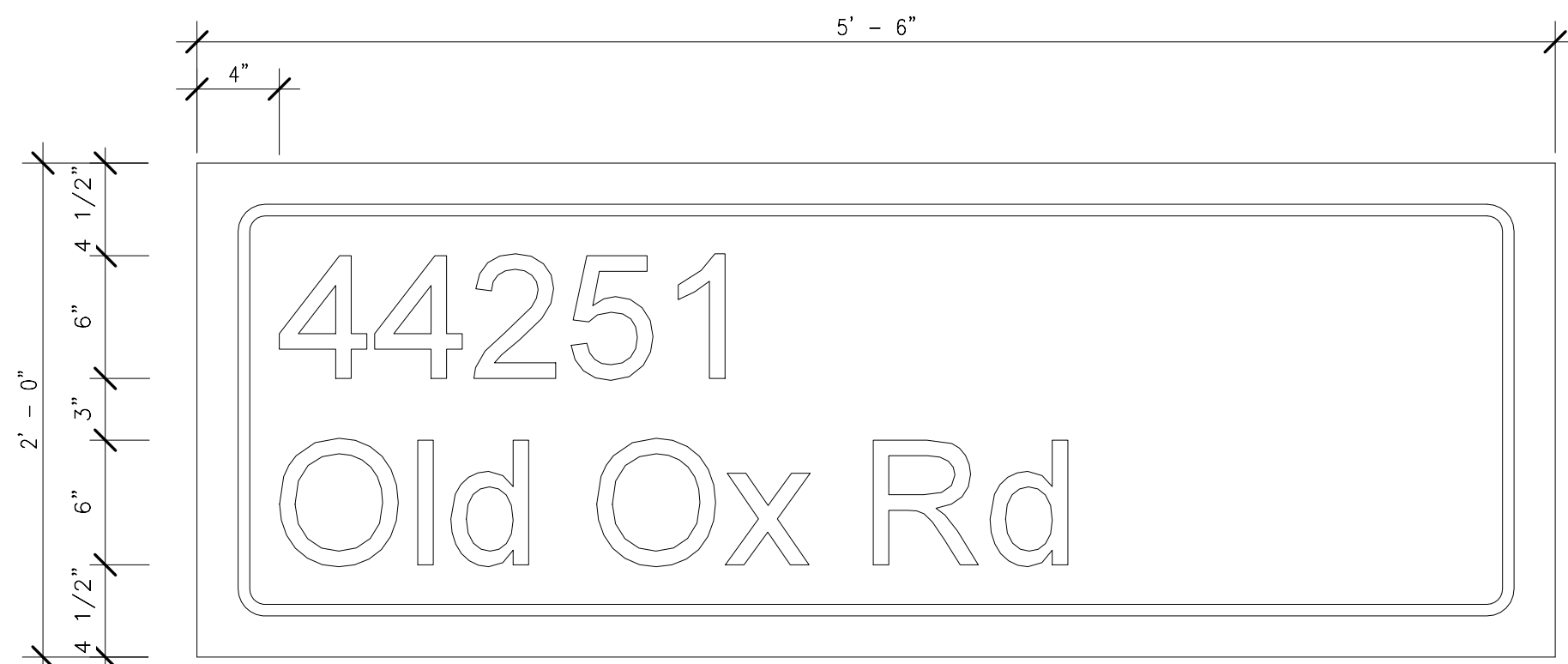
- SIGN MATERIAL TO BE .08 THICK VINYL ON ALUMINUM.
- THESE SIGNS ARE INSTALLED ON WALLS AT ENTRANCES TO ANCILLARY BUILDINGS.
- REFER TO AG-204 DETAIL FOR TYPICAL SIGN MOUNTING DETAILS.



**7.10 - BUILDING RAISED LETTERS**  
3/4" = 1'-0"

**7.8 - BUILDING IDENTIFICATION SIGN**

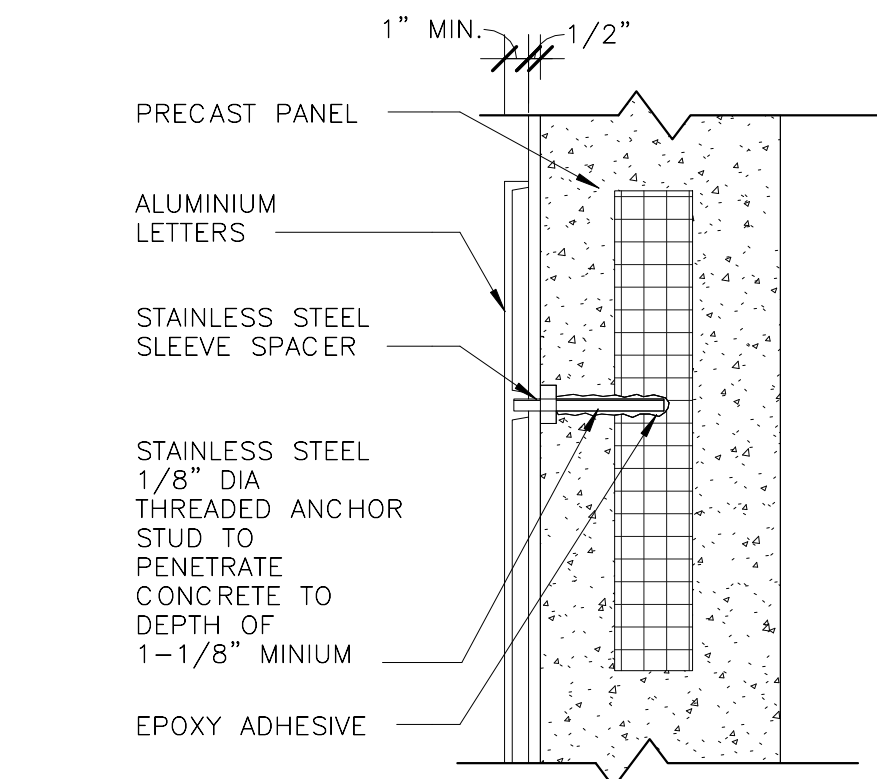
- SIGNS SHALL BE .08 THICK PAINTED ALUMINUM.
- BUILDING ID SIGNS ARE TYPICALLY MOUNTED ON THE FRONT WALLS OF ANCILLARY BUILDINGS IN AN AREA THAT IS CLEARLY VISIBLE FROM THE STREET.
- DOOR/BAY SIGNS ARE TYPICALLY MOUNTED ABOVE EXTERIOR DOOR OPENINGS AND ALIGNED TO THE CENTER OF THE DOOR.
- COPY AND BORDER TO BE DIE CUT WHITE REFLECTIVE SCOTCH-LITE 2290 BY 3M OR APPROVED EQUAL.
- COPY TO BE CENTERED ON SIGN FACE.
- COPY TO BE NEUE HELVETICA STD 75 BOLD CAPITAL LETTERS.
- BACKGROUND AND EDGES TO MATCH FEDERAL SPECIFICATIONS 20040 BROWN.
- WASHERS SHALL BE NYLON AND INSTALLED ON BOTH SIDES OF SIGN.
- REFER TO AG-204 DETAIL FOR TYPICAL SIGN MOUNTING DETAILS.



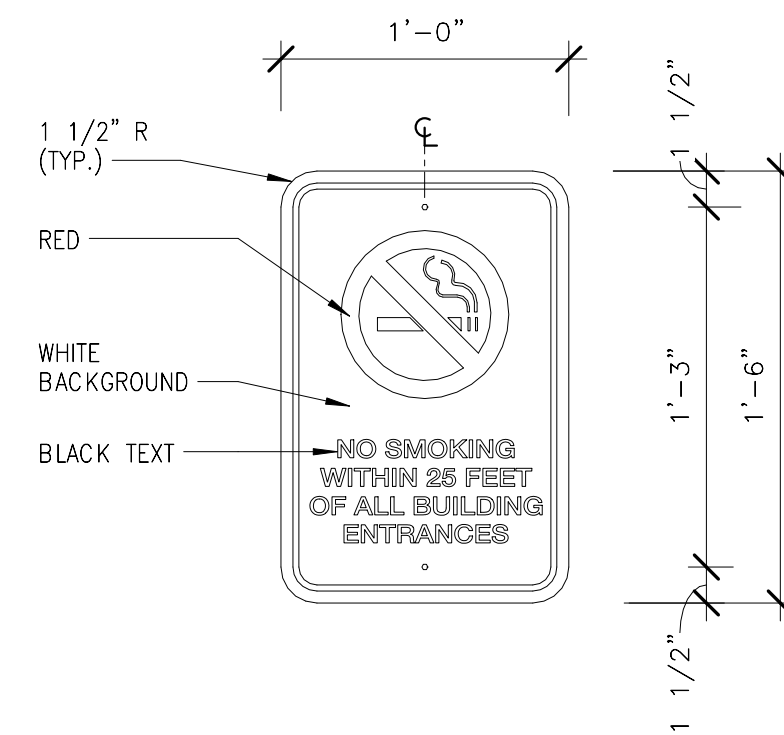
**7.7 - BUILDING ADDRESS SIGN blowup**  
1 1/2" = 1'-0"

**7.10 - BUILDING TITLE RAISED LETTERS**

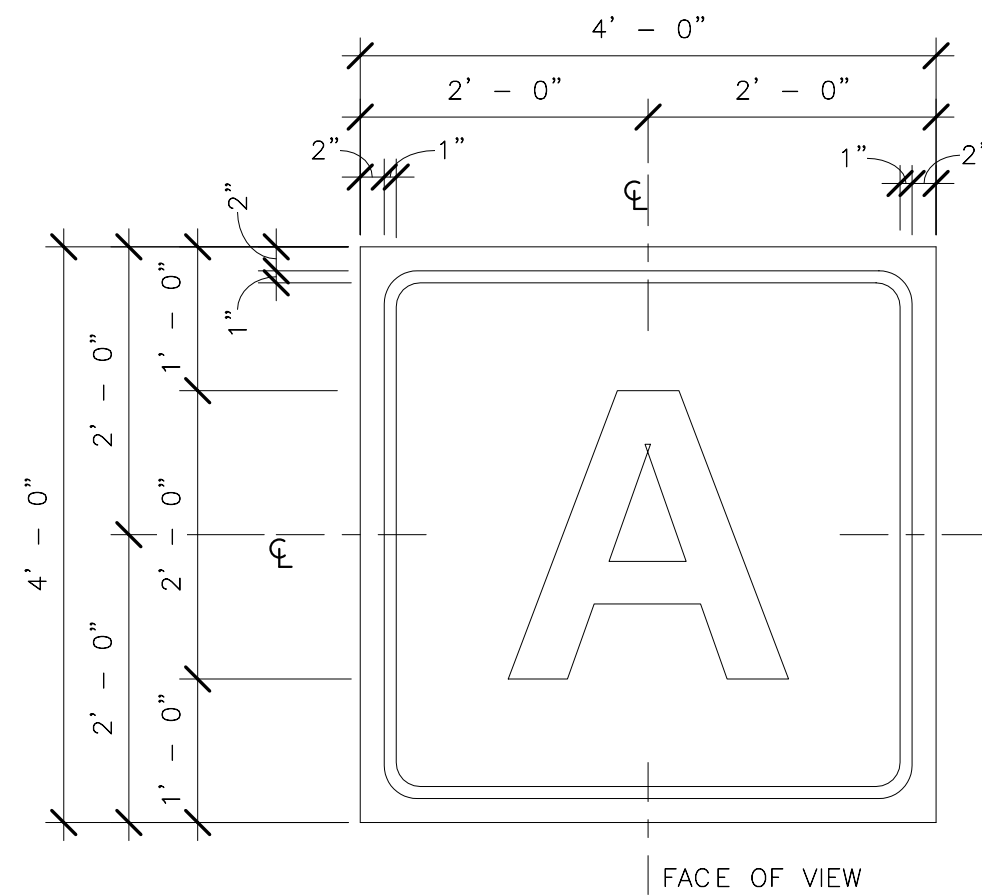
- LETTER MATERIAL TO BE CAST ALUMINUM.
- LETTERS MAY BE INSTALLED IN CONCRETE, GRANITE OR BRICK WALLS.
- INSTALLATION ON BRICK WALL SHOWN.
- REFER TO AG-204 DETAIL FOR TYPICAL SIGN MOUNTING DETAILS.



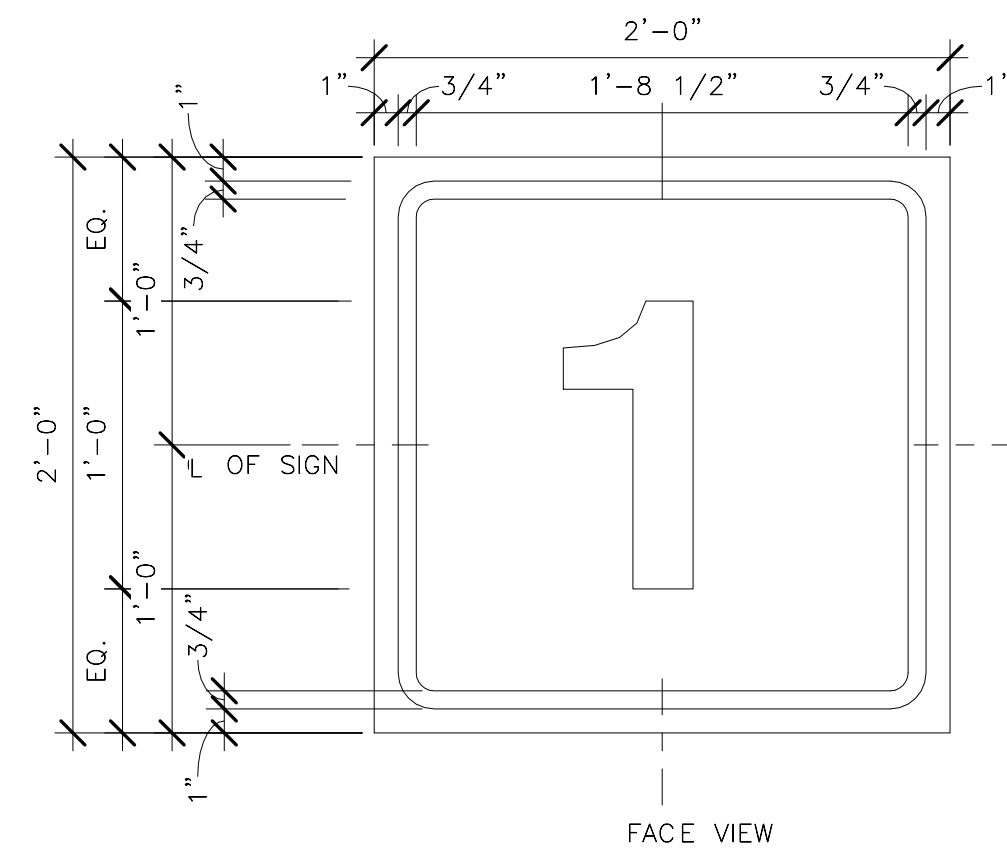
**7.10 - MOUNTING DETAIL**  
1 1/2" = 1'-0"



**22.0 - NO SMOKING SIGN**  
1 1/2" = 1'-0"



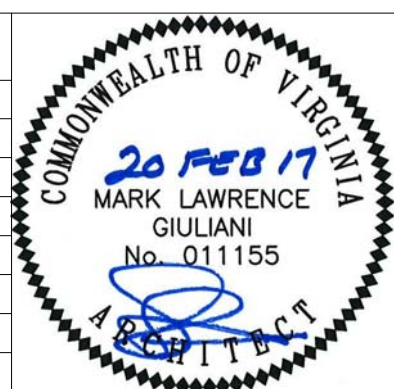
**7.8 - BUILDING IDENTIFICATION SIGN**  
3/4" = 1'-0"



**7.9 - DOOR/BAY ID SIGN**  
1 1/2" = 1'-0"

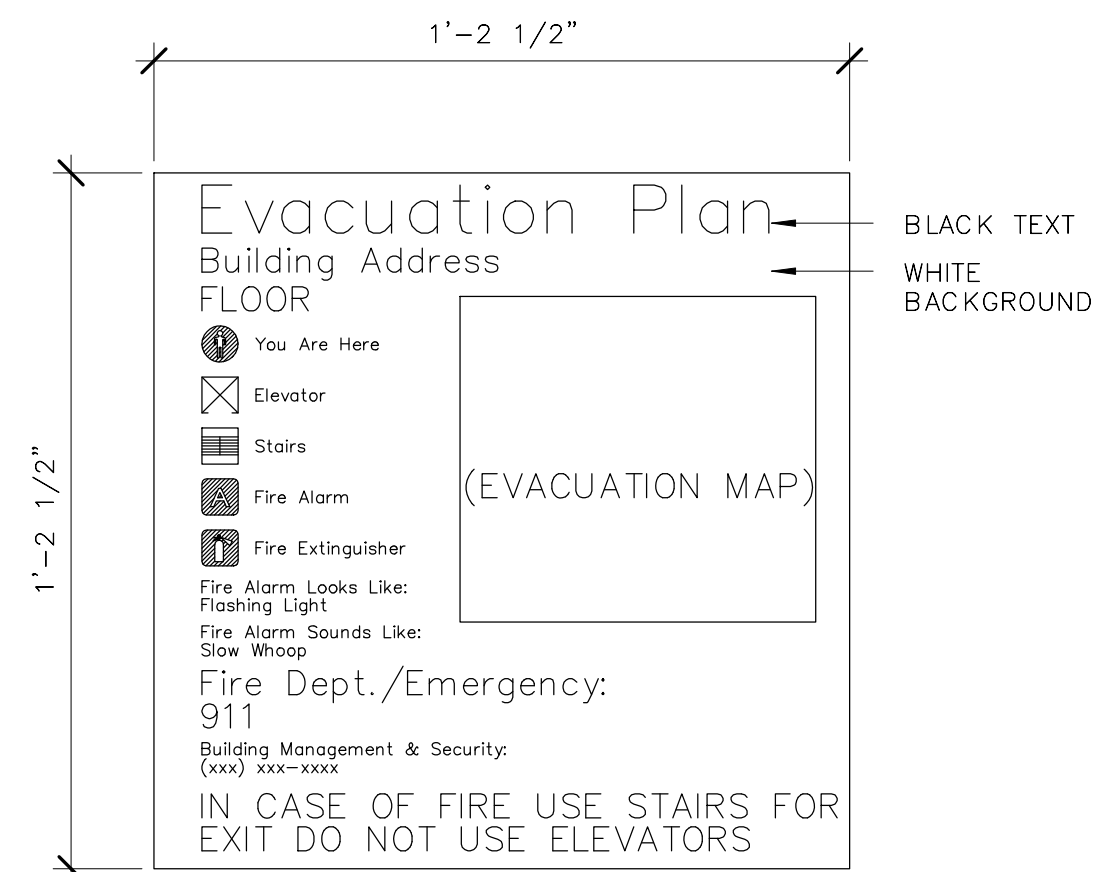
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ORIGINATORS		REFERENCE DRAWINGS		REVISIONS					
NO	DATE	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR	
J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	02/20/2017	0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG	
C. HOLMES	02/20/2017								
J. KELLEHER	02/20/2017								
M. GIULIANI	02/20/2017								

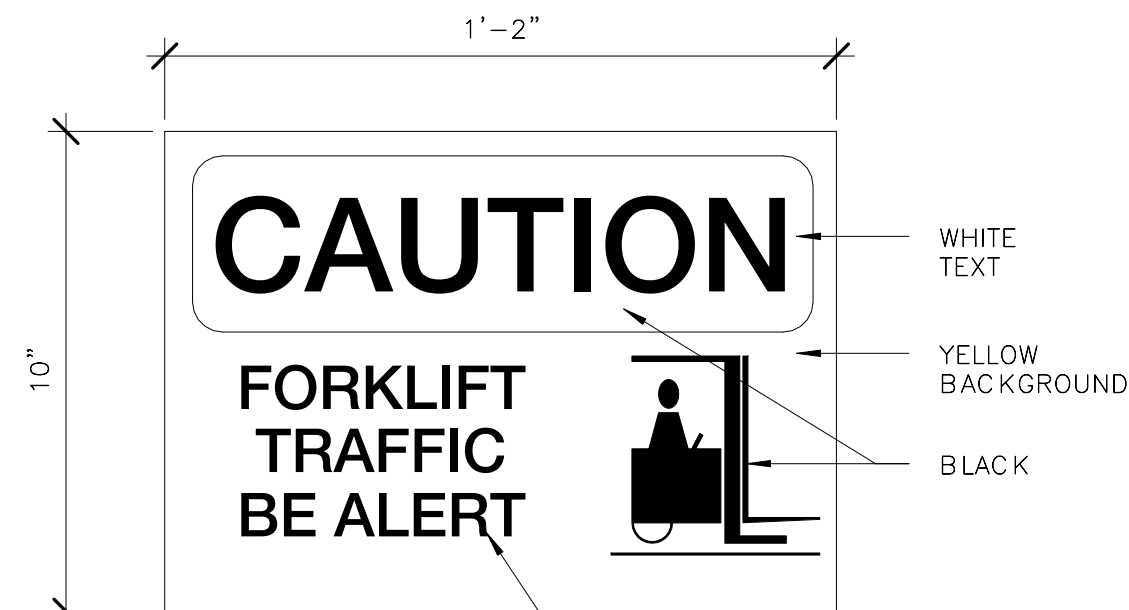



WMATA LDP 2009 RAIL YARD AND MAINTENANCE FACILITY WHB - SIGNAGE DETAILS	39D-02-16 DRAWING NO.: N99-WHB-AG-201	CONTRACT NO.: 8-14-C001	SCALE: AS NOTED
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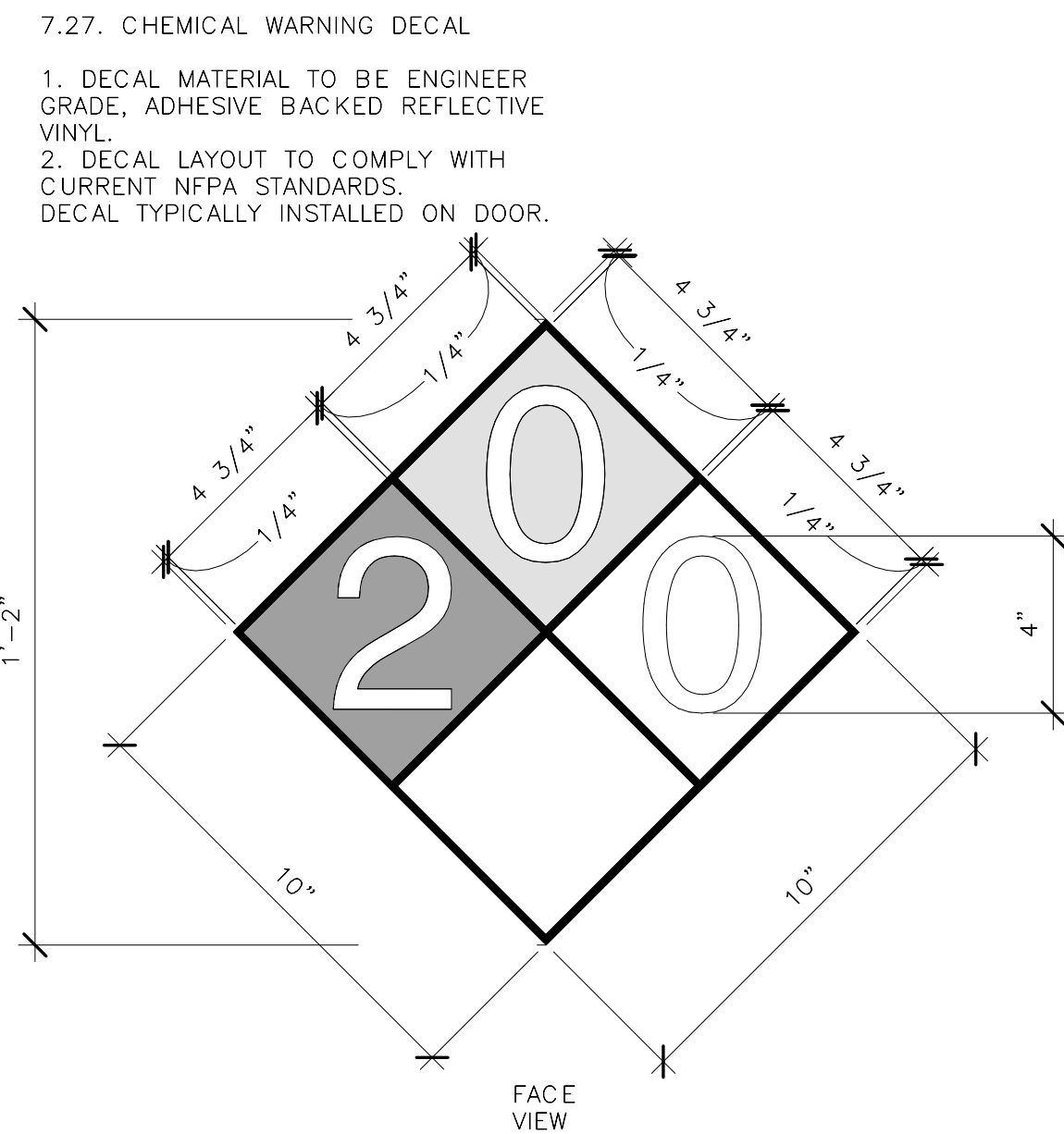
SEE N99-WHB-AG-204 FOR MOUNTING HEIGHT



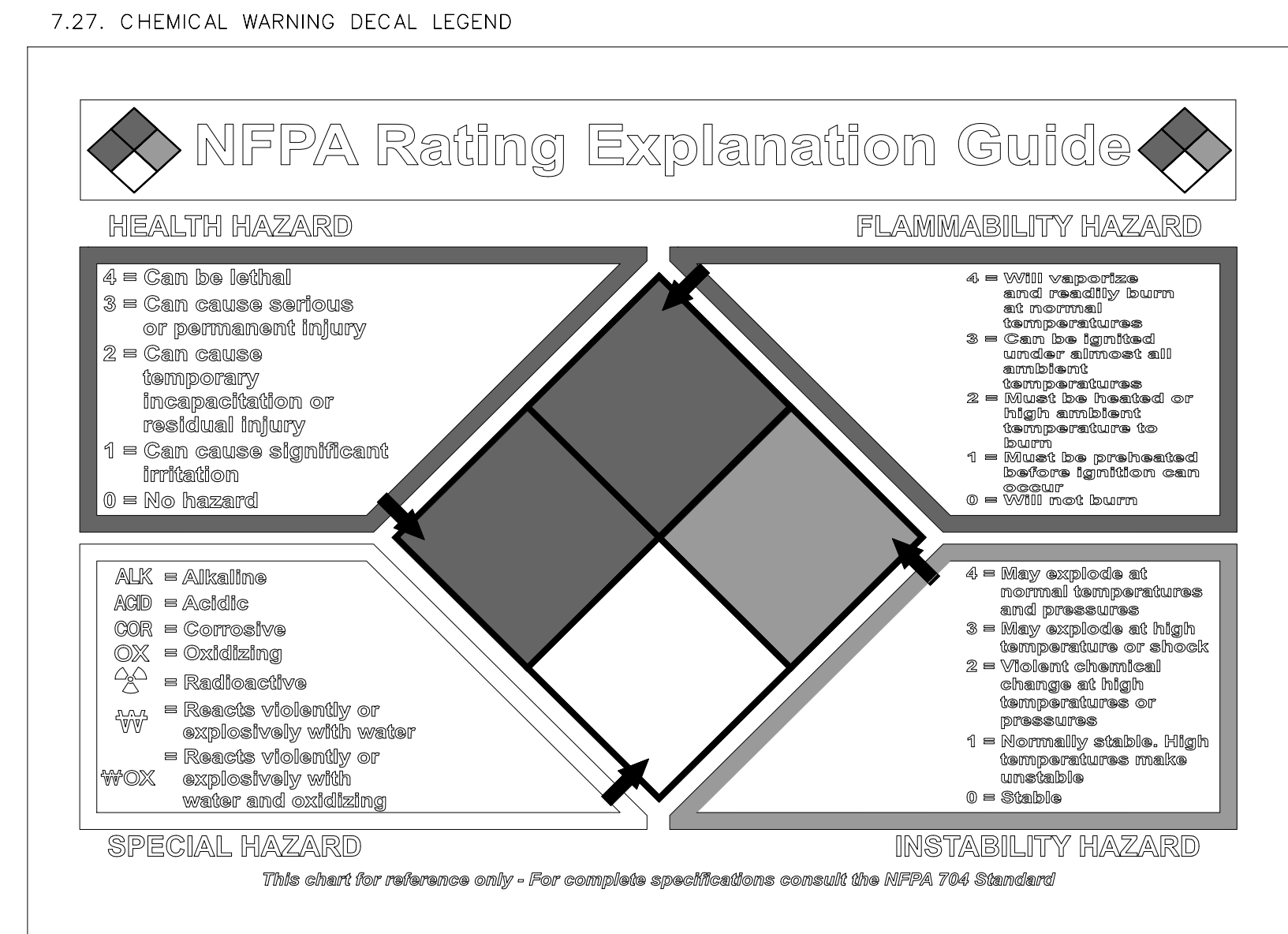
12.0 - EVACUATION SIGN  
3" = 1'-0"



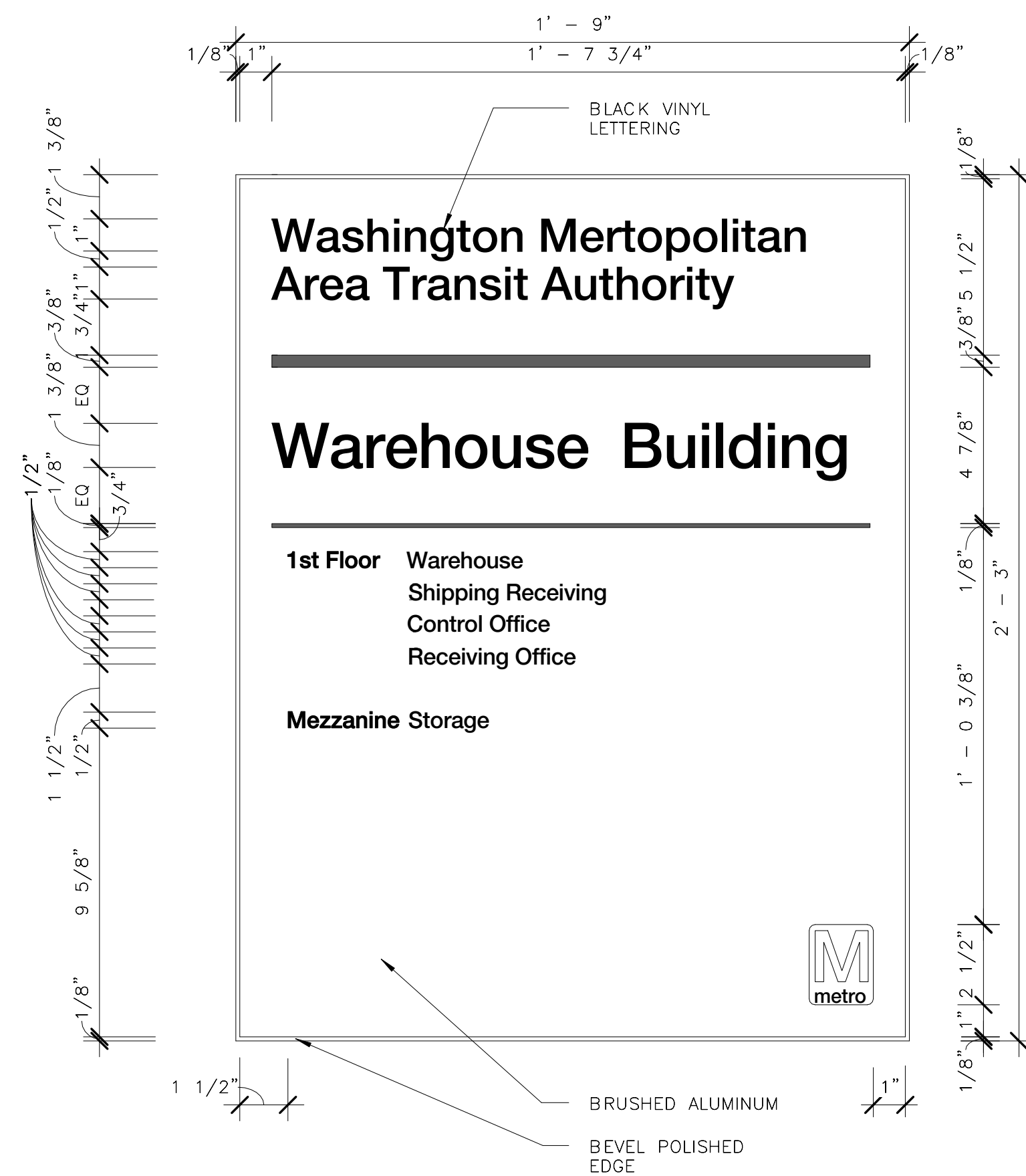
14.0 - FORKLIFT TRAFFIC  
3" = 1'-0"



7.27 - CHEMICAL WARNING DECAL  
3" = 1'-0"

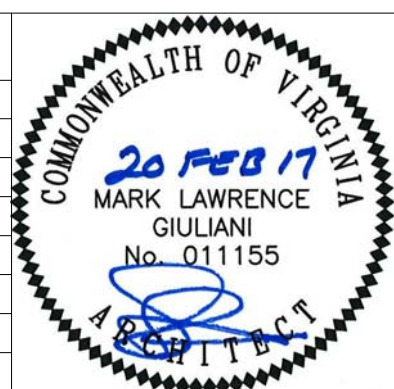


3" = 1'-0"



10.0 - DIRECTORY SIGN  
3" = 1'-0"

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS				
DATE	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
02/20/2017	J. KENT / L. ORELLANA / C. RODRIGUEZ / S. WHITLEY / L. KOLESNYK	0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG
02/20/2017	C. HOLMES							
02/20/2017	J. KELLEHER							
02/20/2017	M. GIULIANI							



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

**giuliani** ASSOCIATES ARCHITECTS

**HENSEL PHELPS** Plan. Build. Manage.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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

RAIL YARD AND MAINTENANCE FACILITY

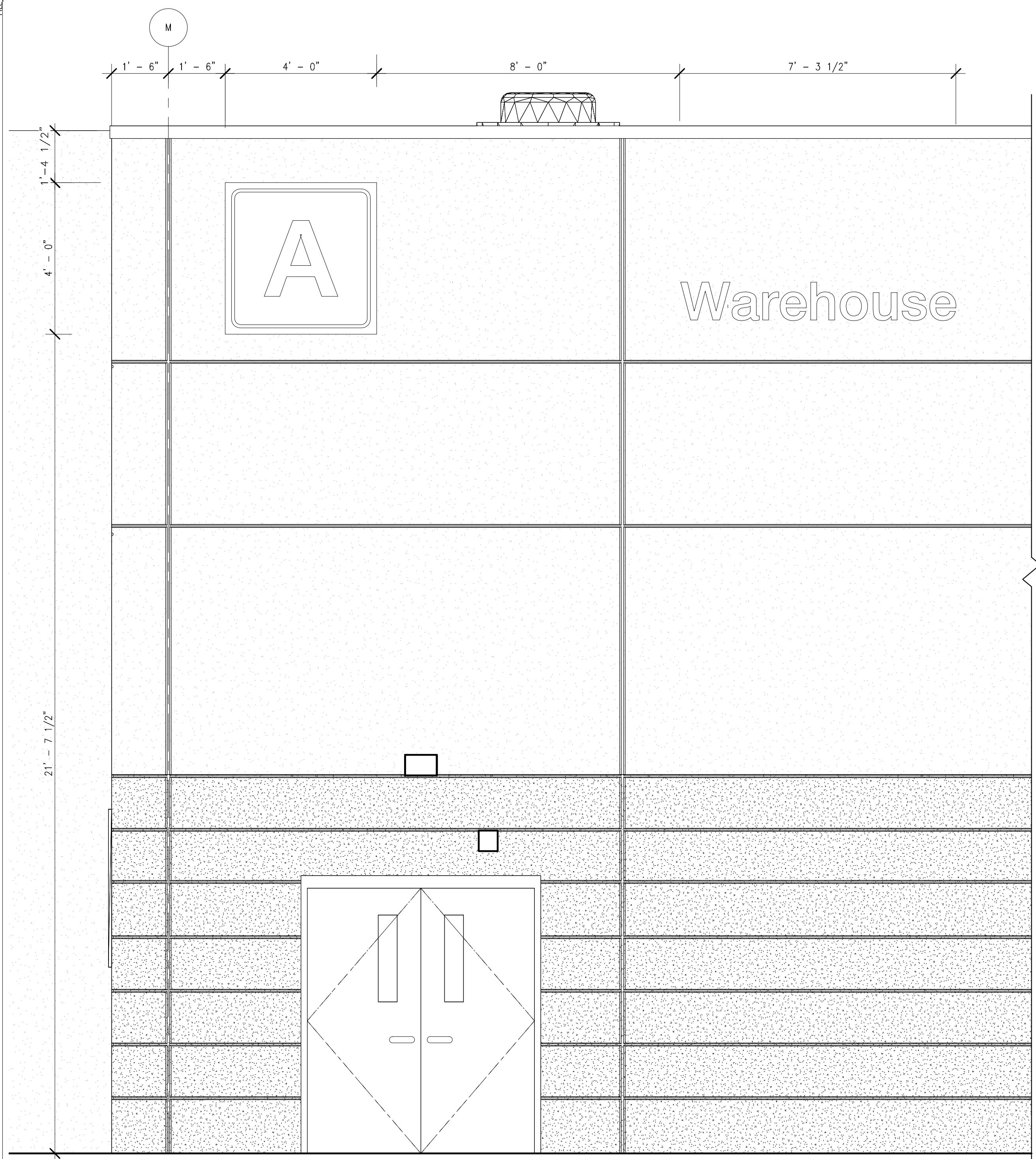
WHB - SIGNAGE DETAILS

SCALE: AS NOTED DRAWING NO.: N99-WHB-AG-202

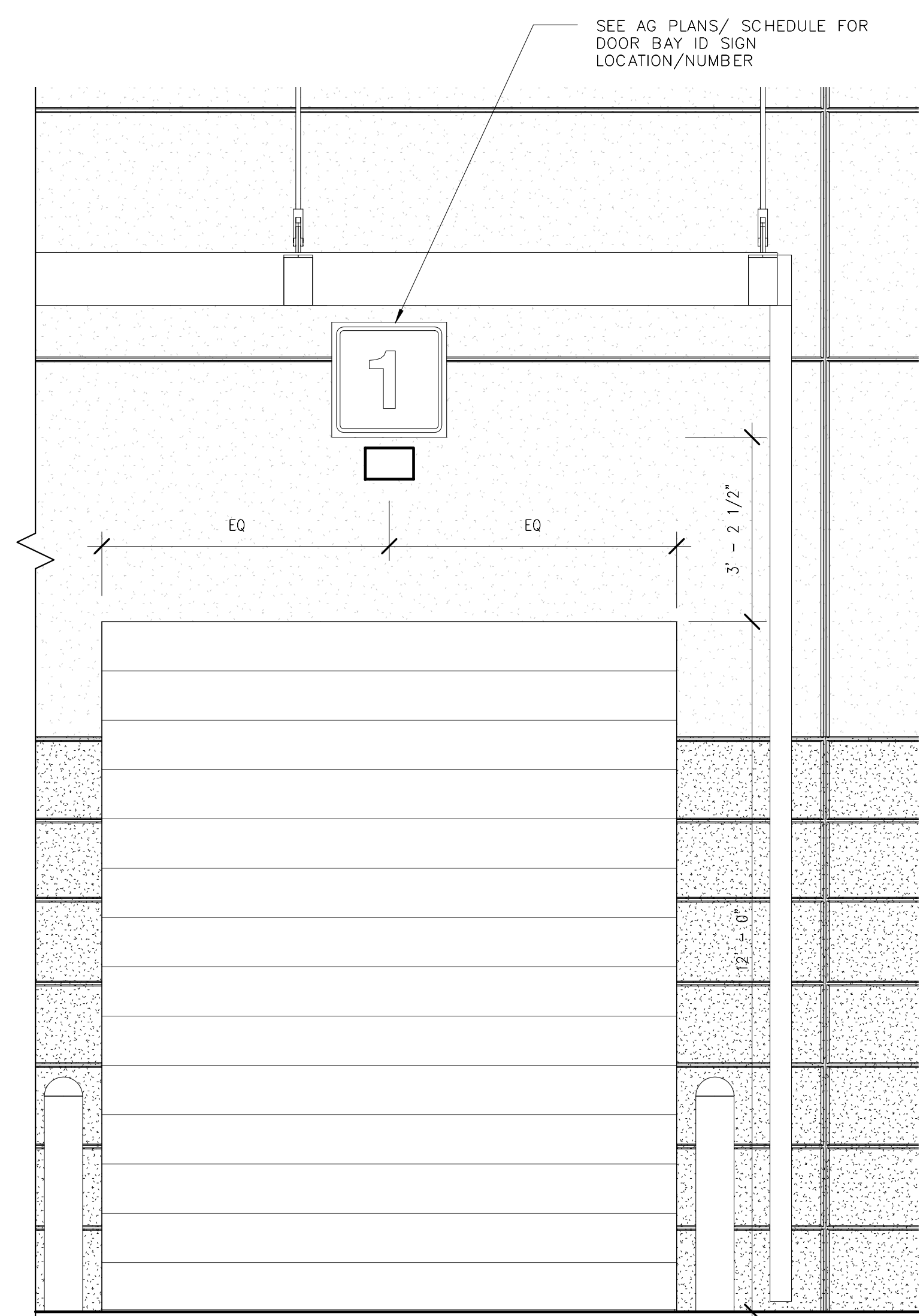
DULLES CORRIDOR METRORAIL PROJECT



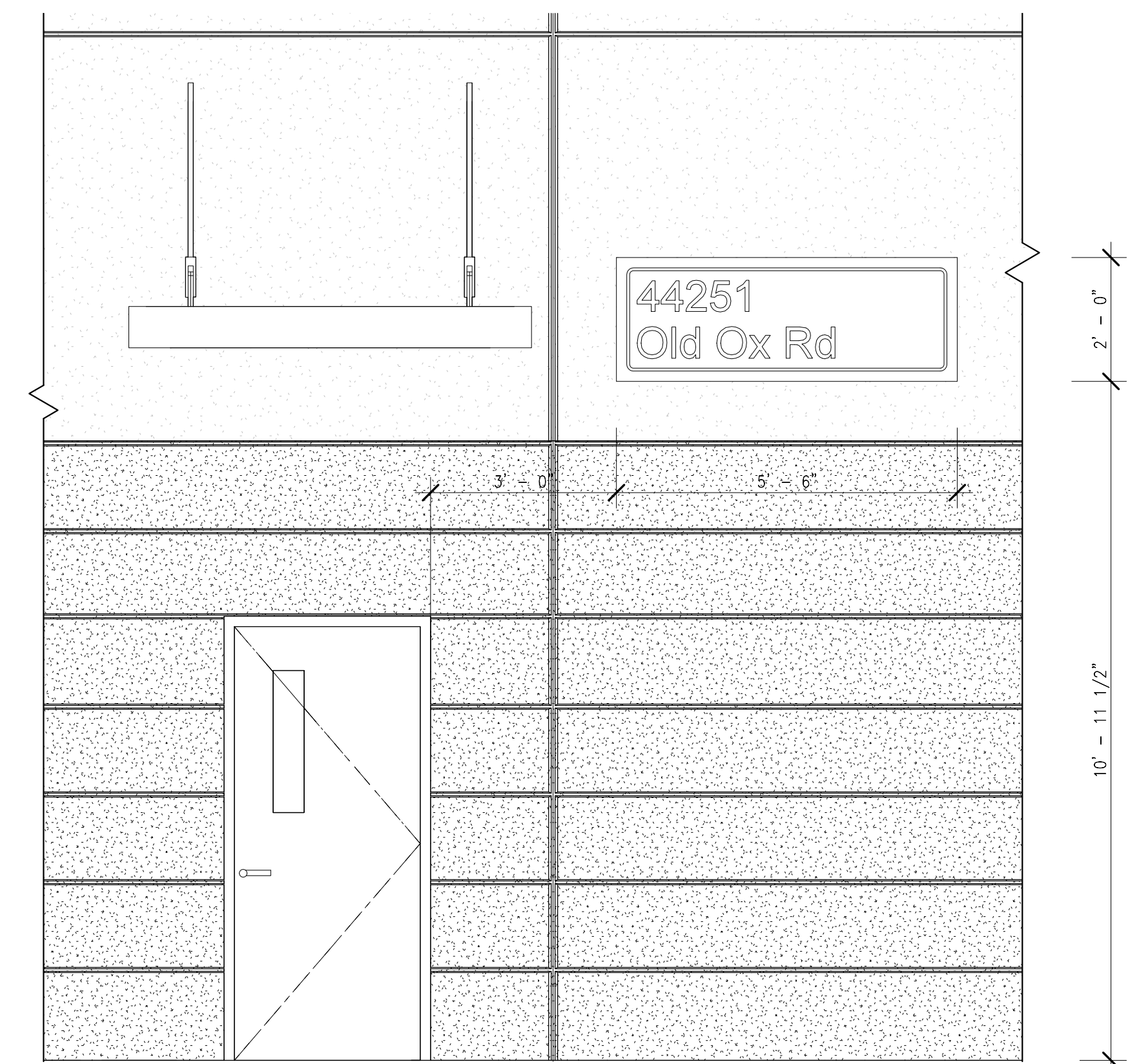
C:\Users\lisa.kelley\Documents\N99-WHB-CENTRAL  
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1 SIGNAGE OF NORTH ELEVATION  
N99-WHB-AG-204  
N99-WHB-AG-111  
1/2" = 1'-0"



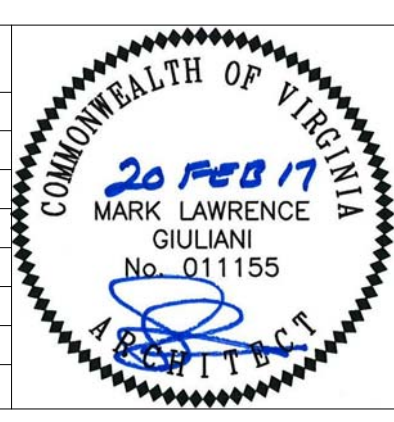
2 SIGNAGE OF WEST ELEVATION  
N99-WHB-AG-204  
N99-WHB-AG-111  
1/2" = 1'-0"



3 ADDRESS SIGN ELEVATION  
N99-WHB-AG-204  
N99-WHB-AG-111  
1/2" = 1'-0"

2/15/2017 3:50:53 PM

ORIGINATORS		REFERENCE DRAWINGS		REVISIONS						
NO	DATE	NUMBER	DESCRIPTION	NO	DATE	DESCRIPTION	ORIG	CHKR	SUPV	APPR
0	02/20/2017			0	02/20/2017	Issued for Permit	LK	CTH	MLG	MLG



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

WHB - SIGNAGE ELEVATIONS

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

DRAWING NO.: N99-WHB-AG-204