

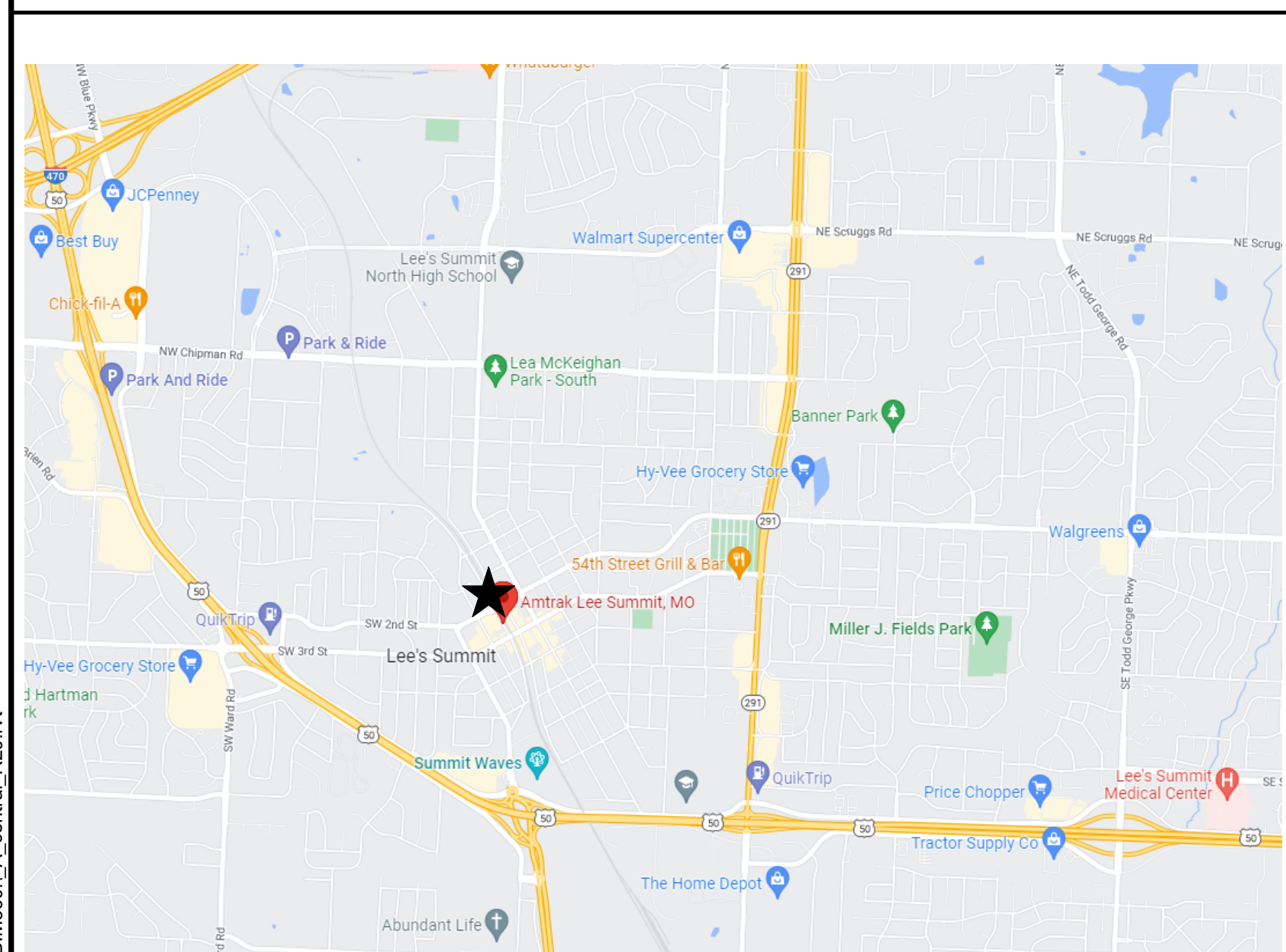


UNION PACIFIC RAILROAD

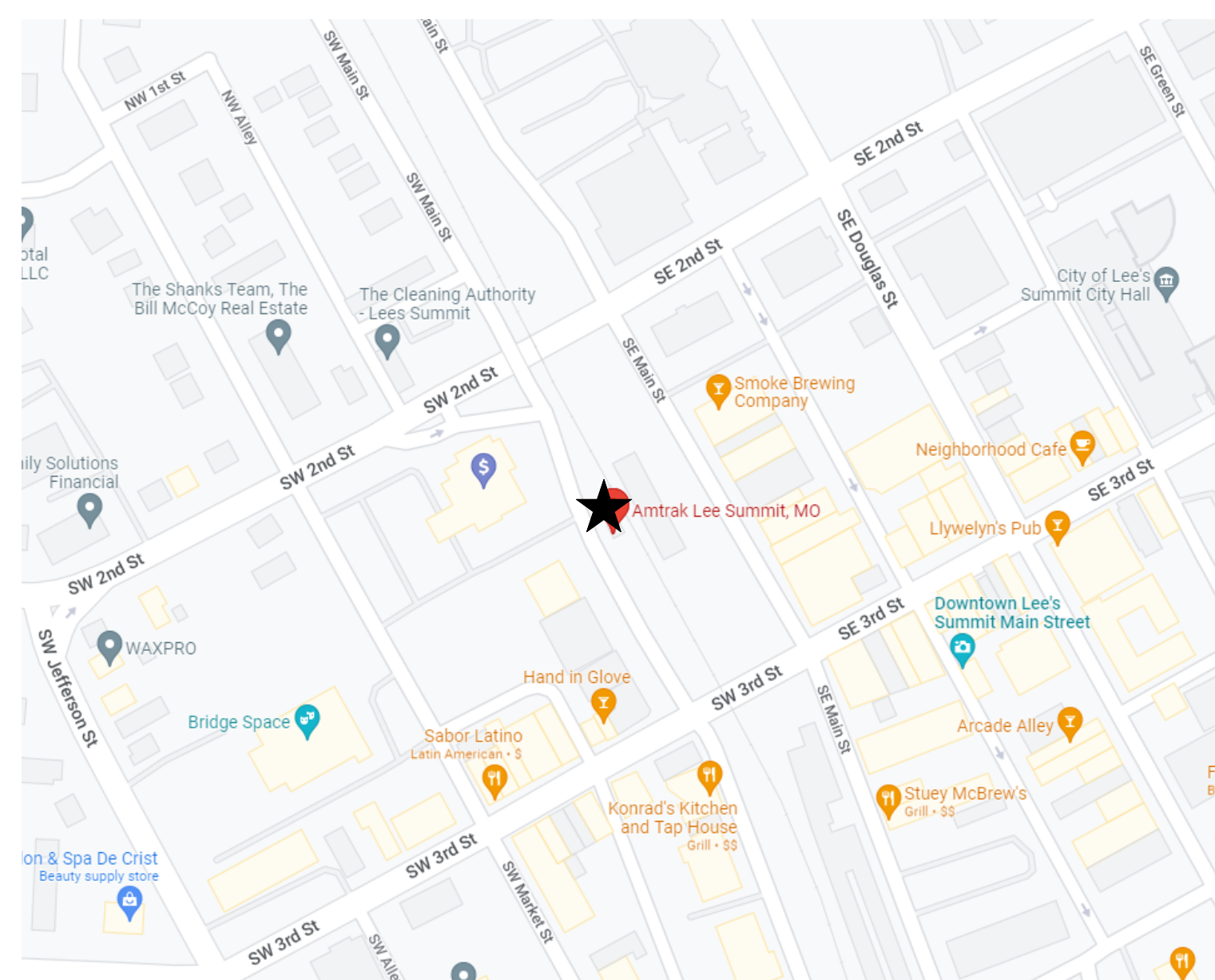
MARKOUTS - PRIOR TO MOBILIZATION, CONTRACTOR MUST CONTACT: 1-800-336-9193
 PUBLIC UTILITY MARKOUTS - 800-382-5544
 PUBLIC UTILITY MARKOUTS - WWW.811NOW.COM
 AMTRAK FACILITY MARKOUTS
 RR UTILITY CALL CENTER

ADA STATIONS PROGRAM (ADASP) LEE'S SUMMIT (LEE), MISSOURI 100% (IFB) SUBMISSION

HOST RAILROAD: UNION PACIFIC RAILROAD
 SUBDIVISION: SEDALIA
 MILE POST: 259.82
 STATION CLASSIFICATION: UN-STAFFED
 OPERATING DIVISION: HEARTLAND (RIVER RUNNER)



217 SW Main Street
 LEE'S SUMMIT, MO 64036
VICINITY PLAN



217 SW Main Street
 LEE'S SUMMIT, MO 64036
SITE LOCATION PLAN

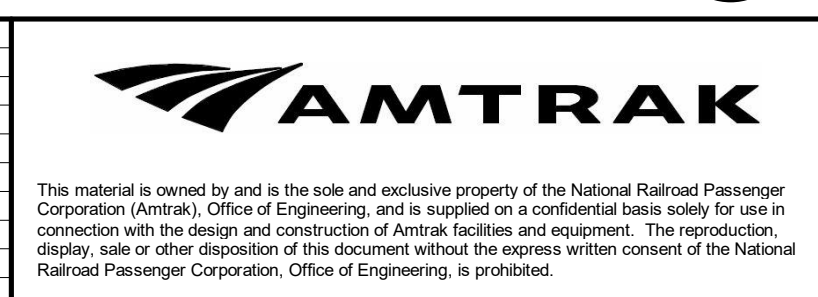
LEE SUMMIT (LEE), MISSOURI LATITUDE: 38.912670 LONGITUDE: -94.378430 (PER LATLONG.NET)

SCOPE OF WORK DESCRIPTION

- DEMOLITION:**
- REMOVE APPROXIMATELY 300 FT OF EXISTING BRICK PAVER PLATFORM TO PREPARE GROUNDWORK FOR PROPOSED 8" ABOVE TOP OF RAIL CONCRETE PLATFORM.
 - SELECTIVE REMOVAL OF LANDSCAPING, PLANTS AND TREES ADJACENT TO PLATFORM.
 - REMOVE WCLE FENCE
 - SELECTIVE REMOVAL ON BRICK PLAZA TO PREPARE FOR RAMP INSTALLATION
 - SALVAGE AND REINSTALL BENCHES ON PLATFORM.
- SITE WORK/PARKING/PUBLIC RIGHT OF WAY (PROW):**
- REPAIR AND REPLACE NON-ADA COMPLIANT CONDITIONS ON EXISTING SIDEWALK CONNECTING STATION PLAZA TO PROW ON SW 3RD STREET.
 - PROVIDE COMPLIANT ACCESS FROM PROW TO THE NEW PLATFORM. THIS WILL INCLUDE:
 - PATCH AND REPAIR AREAS WHERE BRICK UNIT PAVERS WERE DAMAGED DUE TO WCLE FENCE ENCLOSURE REMOVAL.
 - REPLACE PLANTINGS AND LANDSCAPING WHERE IDENTIFIED.
- PLATFORM:**
- PROVIDE A NEW NORTHSIDE CONCRETE PLATFORM: 8 INCHES ABOVE TOP OF RAIL (ATR), MINIMUM 12 FEET CLEAR WIDTH, APPROXIMATELY 120 FEET LONG. ADDITIONALLY PROVIDE A NEW SOUTHSIDE CONCRETE PLATFORM APPROXIMATELY 75 FEET LONG AT 8 INCHES ABOVE TOP OF RAIL (ATR), MINIMUM 12 FEET CLEAR WIDTH.
 - PROVIDE TRANSITION SLOPES AND CONNECTING SECTION, AS REQUIRED, TO PROVIDE COMPLIANT ACCESS BETWEEN NEW PLATFORMS AND EXISTING RESTROOMS, SHELTER, AND BRICK UNIT PAVER PLAZA. REVIEW PROVIDING NEW GUARDRAILS OR RELOCATING PLATFORM EDGE IN TRANSITION/ CONNECTING SECTIONS TO DISCOURAGE TRAIN BOARDING. UTILIZE STAMPED CONCRETE TO MATCH EXISTING BRICK PATTERN AND COLORS FOR SURFACE FINISH.
 - PROVIDE FOR COMPLIANT TRANSITIONS TO PLATFORM FROM BRICK UNIT PAVER PLAZA.
 - PROVIDE NEW ELECTRICAL CIRCUITS AND LIGHTING ALONG ENTIRE PLATFORM(S).
- SIGNAGE:**
- MODIFY OR RELOCATE EXISTING PLATFORM SIGNAGE AND FOUNDATIONS AS REQUIRED TO ACCOMMODATE NEW PLATFORM WORK.
 - STATION IDENTIFICATION SIGNAGE TO BE LOCATED 85 FT ON CENTER, TYPICAL, FOR THE EXTENT OF THE NEW PLATFORM.
 - PROVIDE SIGNAGE FOR RESTROOMS
- STATION EXTERIOR:**
- PROVIDE WHEELCHAIR LIFT ENCLOSURE (WCLE) TO BE INSTALLED ON NEW CONCRETE PAD. WCLE TO BE LOCATED FOR DIRECT ACCESS TO NEW PLATFORM.
- STATION INTERIOR: SHELTER**
- REMOVE EXISTING DOOR AND DOOR HARDWARE
 - PROVIDE ADA COMPLIANT DOOR, DOOR HARDWARE AND THRESHOLD
 - REMOVE EXISTING BENCHES INSIDE STATION SHELTER. PROVIDE SMALLER BENCHES TO ALLOW FOR COMPLIANT WHEELCHAIR TURNING SPACE.
- STATION INTERIOR: RESTROOM PAVILION**
- PROVIDE ADA COMPLIANT DOORS AND HARDWARE FOR BOTH RESTROOMS
 - RELOCATE BABY CHANGING STATION TO COMPLIANT LOCATION
 - REFINISH FLOOR TO PROVIDE COMPLIANT SLOPES FOR FLOOR DRAIN AND ENTIRE

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
 Central File: BIM360_A_Central_R20.rvt
 Project Number: 067435
 11/17/2023 1:24:33 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer
 National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
COVER SHEET				WBS: CEN 100694.0131
				Sheet No. 1 OF 41
Designed EVH	Drawn EVH	Checked JAS	Date 11/03/2023	Dwg. No. G000

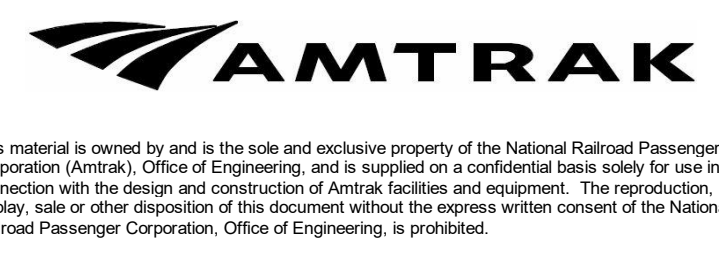
DRAWING INDEX

GENERAL	
G000	COVER SHEET
G001	DRAWING INDEX AND GENERAL NOTES
G002	PLATFORM INFORMATION AND CODE DATA
G003	RECOMMENDED SITE AND STAGING PLAN- PHASE 1
G004	RECOMMENDED SITE AND STAGING PLAN- PHASE 2
CIVIL	
C000	GENERAL NOTES, SYMBOLS, & ABBREVIATIONS
CD100	OVERALL DEMOLITION PLAN
C110	SITE CONSTRUCTION - LAYOUT
C111	GRADING AND DRAINAGE PLAN
C120	PLATFORM PLAN AND PROFILE
C200	DETAILS
C201	DETAILS
C202	DETAILS
C203	DETAILS
STRUCTURAL	
S000	GENERAL NOTES
S001	TYPICAL DETAILS
S100	OVERALL SITE PLAN
S101	FOUNDATION/PLATFORM PLAN
S102	FOUNDATION/PLATFORM PLAN
S200	SECTIONS AND DETAILS
S202	CONCRETE REPAIR PLAN AND DETAILS
S201	SECTIONS AND DETAILS
ARCHITECTURAL	
A000	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
A001	STANDARD MOUNTING HEIGHTS AND NOTES
A100	OVERALL PLAN
A101	WHEELCHAIR LIFT ENCLOSURE DETAILS
A102	ENLARGED FLOOR PLANS
A200	INTERIOR RESTROOM ELEVATION
A500	DETAILS
A750	PLATFORM AND PAVILION SIGNAGE PLAN
A751	SIGN GRAPHIC STANDARDS
A752	SIGNAGE DETAILS
A753	SIGNAGE DETAILS AND MOUNTING HEIGHTS
A760	SIGNAGE MOUNTING DETAILS
ELECTRICAL	
E000	SYMBOLS, ABBREVIATIONS & GENERAL NOTES
ED100	SITE PLAN - DEMOLITION
E100	SITE PLAN - NEW WORK
E101	SITE PLAN - LIGHTING CALCULATIONS
E500	DETAILS
E501	SCHEDULES
SURVEY	
Y100	EXISTING SURVEY

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt

Project Number: 067435
11/7/2023 1:24:34 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
DRAWING INDEX AND GENERAL NOTES		Project Code: 067435	
Designed EVH	Drawn EVH	Checked JAS	Date 11/03/2023

WBS:	CEN 100694.0131
Sheet No.	2 OF 41
Draw. No.	G001

CODE INFORMATION

APPLICABLE CODES

BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE (IBC)
BUILDING CODE:	2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
ELECTRICAL CODE:	2017 NATIONAL ELECTRIC CODE (NEC) NATIONAL FIRE PROTECTION CODE (NFPA 70)
ENERGY COMPLIANCE:	2018 ENERGY CONSERVATION CODE (IECC)
ACCESSIBILITY CODE:	AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR TRANSPORTATION FACILITIES (DOTAS 2006)
PLATORM EGRESS:	2018 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 130)
SUSTAINABLE CODE:	2018 INTERNATIONAL GREEN CONSTRUCTION CODE (IGCC)

STATION HOURS AND TRAIN SCHEDULE

STATION HOURS

SUNDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM
MONDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM
TUESDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM
WEDNESDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM
THURSDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM
FRIDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM
SATURDAY	7:11 AM - 8:41 AM, 11:25 AM - 12:55 PM, 2:41 PM - 3:11 PM, 6:55 PM - 8:25 PM

TRAIN SCHEDULE:

DAYLIGHT SAVING TIME (Mid-March to Early Nov.)
Non-Daylight Saving Time is one hour earlier

EASTBOUND

MISSOURI RIVER RUNNER TRAIN #314 ARRIVES AT 8:51 AM - SUNDAY THROUGH SATURDAY

WESTBOUND

MISSOURI RIVER RUNNER TRAIN #313 ARRIVES AT 8:54 PM - SUNDAY THROUGH SATURDAY

CONSIST INFORMATION

MISSOURI RIVER RUNNER
1 LOCOMOTIVE, 5 CAR (AMFLEET EQUIPMENT)

VEHICLE	# OF SEATS	OCCUPANCY	# OF OCCUPANTS
1 DIESEL LOCOMOTIVE	0	CREW	0
2 COACH	72	REVENUE SEATS	72
3 COACH	72	REVENUE SEATS	72
4 HORIZON COACH	72	REVENUE SEATS	72
5 CLUB DINETTE	18	NON-CONTINUOUS	0
VIEWLINER BAGGAGE	0	AXLE COUNT CAR	0
VIEWLINER BAGGAGE	0	AXLE COUNT CAR	0
CREW AND STAFF	6		6
TRAIN LOAD	312		294

EGRESS LEGEND

EGRESS LEGEND

- ← PATH OF EGRESS
- MOST REMOTE POINT ON PLATFORM
- POINT OF SAFETY

PLATFORM EGRESS CALCULATIONS

LEE'S SUMMIT (LEE) MISSOURI ADA STATIONS PROGRAM (ADASP)

BOARDING LOAD	11634	PERSONS	5.3.2.1
ANNUAL RIDERSHIP - "ONS" (FROM AMTRAK FY19 STATION RIDERSHIP PROVIDED BY AMTRAK)	32	PERSONS	
DAILY RIDERSHIP - "ONS" (ANNUAL RIDERSHIP / 365 DAYS)	2	TRAINS	
TRAINS PER DAY (FROM AMTRAK SCHEDULE)	16	PERSONS	
AVERAGE "ONS" PER TRAIN (DAILY RIDERSHIP - "ONS" / TRAINS PER DAY)	4		
FACTOR ACCOUNTING FOR VARIABILITY AND GROWTH	4		
TOTAL BOARDING LOAD	64	PERSONS	

*4 = (365/270) x (1.02)^20 x 2
365/270 ACCOUNTS FOR HEAVIER TRAVEL ON CERTAIN DAYS (PER AMTRAK STATION PROGRAM AND PLANNING GUIDELINES, APPENDIX C)
(1.02^20) ACCOUNTS FOR 2% ANNUAL GROWTH OVER 20 YEARS
2 ACCOUNTS FOR SERVICE DISRUPTIONS AND MISSED TRAINS (GANNETT FLEMING ASSUMPTION)

PLATFORM LOAD

TRAIN LOAD (ONE TRAIN)	294	PERSONS	5.3.2.1 (2)
BOARDING LOAD (ONE TRAIN)	64	PERSONS	5.3.2.1 (2)
TOTAL PLATFORM LOAD	358	PERSONS	5.3.2.5 (2)

PLATFORM EXIT CAPACITY

PLATFORM - 18" AT TRAINWAY X 2.08 PERSONS/INCH/MINUTE	362	PERSONS/MINUTE	5.3.4.3
-------------------------------------------------------	-----	----------------	---------

TOTAL PLATFORM EXIT CAPACITY

	362	PERSONS/MINUTE	
--	-----	----------------	--

PLATFORM EVACUATION TIME

F_p (TIME TO CLEAR PLATFORM) = $\frac{\text{PLATFORM OCCUPANT LOAD}}{\text{PLATFORM EGRESS CAPACITY}}$

PLATFORM LOAD	358	PERSONS/MINUTE	
PLATFORM EXIT CAPACITY	362	PERSONS/MINUTE	C.1.4
PLATFORM EVACUATION TIME (F_p) = PLATFORM OCCUPANT LOAD / PLATFORM EXIT CAPACITY	0.99	MINUTES	
CALCULATED PLATFORM EVACUATION TIME IS LESS THAN 4 MINUTES	PASS		5.3.3.1

EVACUATION TIME TO A POINT OF SAFETY FROM THE MOST REMOTE POINT ON THE PLATFORM

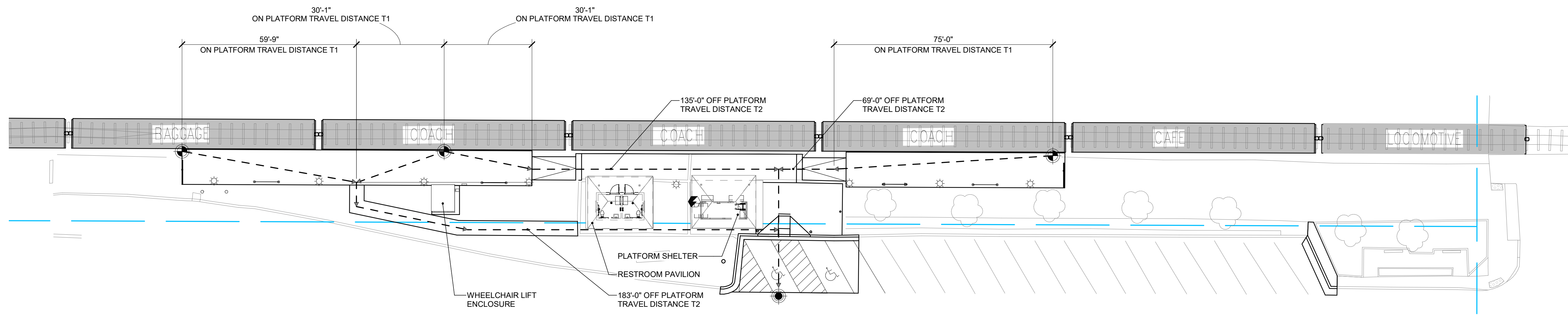
LONGEST TRAVEL DISTANCE ON PLATFORM	75	FEET	5.3.3.2
LONGEST TRAVEL DISTANCE OFF PLATFORM	183	FEET	

$T_1 = \frac{\text{TRAVEL DISTANCE ON PLATFORM}}{124 \text{ FEET/MINUTE}}$ $T_2 = \frac{\text{TRAVEL DISTANCE OFF PLATFORM}}{124 \text{ FEET/MINUTE}}$

TRAVEL TIME ON PLATFORM (T_1)	0.60	MINUTES	5.3.4.4
TRAVEL TIME OFF PLATFORM (T_2)	1.48	MINUTES	5.3.4.4
TOTAL TRAVEL TIME	2.08	MINUTES	C.1.4

$W_p = F_p - T_1$

WAITING TIME ON PLATFORM (W_p) = PLATFORM EVACUATION TIME (F_p) - TRAVEL TIME ON PLATFORM (T_1)	0.38	MINUTES	C.1.4
EVACUATION TIME TO A POINT OF SAFETY ($T_1 + W_p + T_2$)	2.47	MINUTES	
CALCULATED EVACUATION TIME TO A POINT OF SAFETY IS LESS THAN 6 MINUTES	PASS		



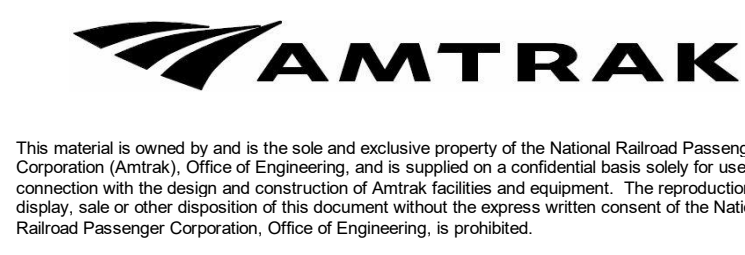
1 PLATFORM EGRESS PLAN

G002 SCALE: 1" = 20'-0"



Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

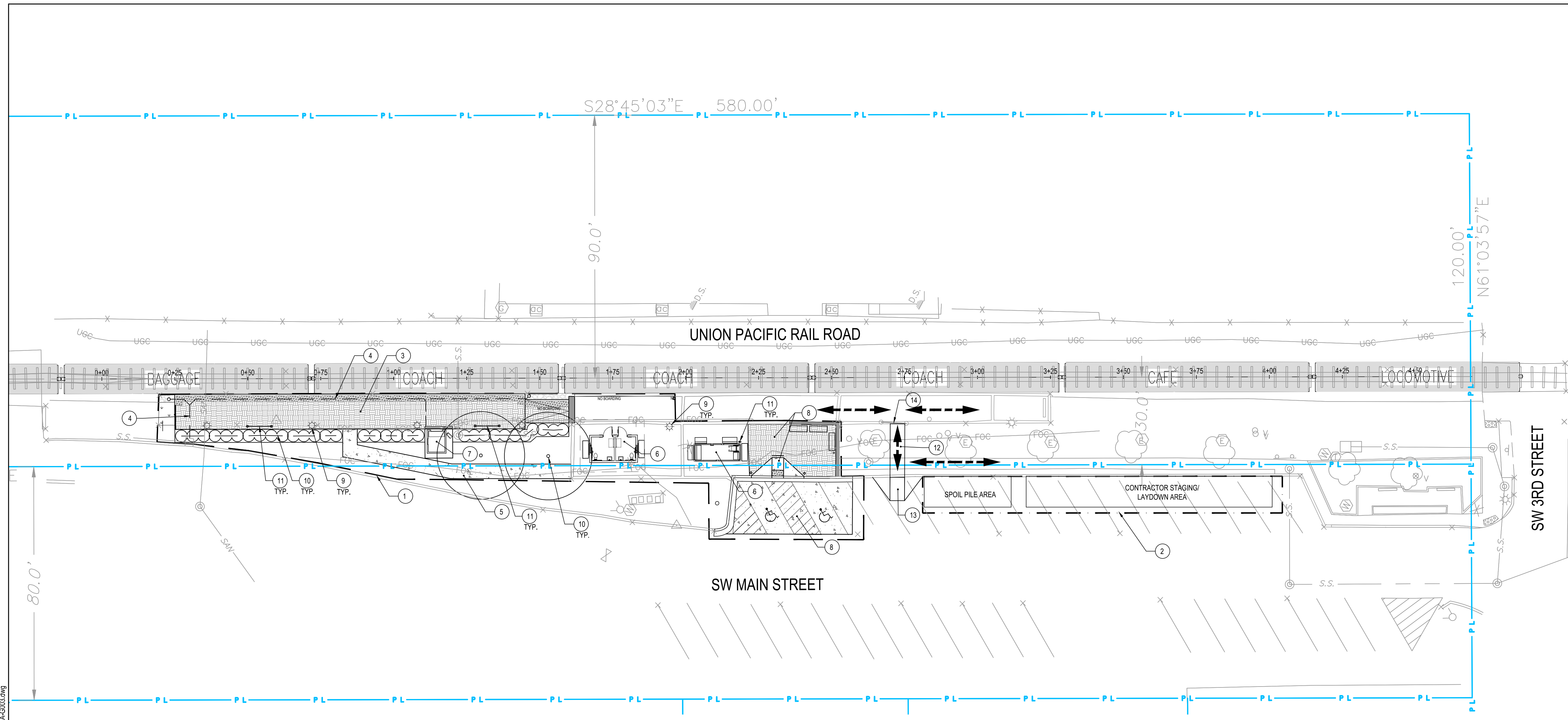


LEE'S SUMMIT (LEE) MISSOURI
ADA STATIONS PROGRAM (ADASP)

PLATFORM INFORMATION AND CODE DATA
Designed RPP Drawn RPP Checked JAS Date 11/03/2023

Project Code:	067435
WBS:	CEN 100694.0131
Sheet No.:	3 OF 41
Draw. No.:	G002

Local File: C:\Users\mcfleming\OneDrive\GANNETT FLEMING\NC16735-Amtrak_ADA_IDI02021\Project Files\LEE\ADA-G003.dwg
 Central File: C:\Users\mcfleming\OneDrive\GANNETT FLEMING\NC16735-Amtrak_ADA_IDI02021\Project Files\LEE\ADA-G003.dwg



PHASE 1 KEYNOTES

1. INSTALL CONSTRUCTION FENCING AROUND PHASE 1 AREA ONLY. DO NOT PLACE FENCING ALONG TRACK SIDES OF PLATFORM.
2. INSTALL FENCING AROUND CONTRACTOR STAGING AREA. INCREASE IN SIZE AS NEEDED FOR STAGING MATERIAL AND SPOILS.
3. INSTALL 8" ATR PLATFORM, SLOPED WALKWAYS, HANDRAILS, BENCHES, AND BIKE RACKS.
4. INSTALL UNDERDRAIN PIPING AND TIE INTO EXISTING CONVEYANCE NETWORK.
5. INSTALL CONCRETE SIDEWALK FOR EMERGENCY EGRESS.
6. INSTALL RESTROOM AND BUS SHELTER IMPROVEMENTS
7. INSTALL WHEELCHAIR LIFT PAD AND ENCLOSURE.
8. INSTALL ADA PARKING, CURB RAMP AND WALKWAY.
9. INSTALL LIGHTING.
10. INSTALL LANDSCAPING AND IRRIGATION.
11. INSTALL SIGNS.
12. INSTALL TEMPORARY 5' WIDE ADA COMPLIANT WALKWAY. CONTRACTOR TO COORDINATE WITH AMTRAK.
13. INSTALL TEMPORARY ADA COMPLIANT RAMP WITH 4" PVC PIPE TO CONVEY DRAINAGE.
14. REMOVE SIGN TO ACCOMMODATE TEMPORARY WALKWAY. COORDINATE WITH AMTRAK.

GENERAL NOTES

- A. CONTRACTOR TO PROVIDE A SITE SPECIFIC WORK PLAN FOR APPROVAL BY HOST RAILROAD.
- B. COORDINATE CONTRACTOR PARKING AND STAGING/ LAYDOWN AREA WITH HOST RAILROAD, AND CITY (IF APPLICABLE).
- C. CONTRACTOR TO SECURE WORKING AREA AND LAYDOWN / STORAGE AREA WITH TEMPORARY CHAIN LINK FENCE.
- D. CONTRACTOR TO COORDINATE WORK AND PHASING.
- E. CONTRACTOR TO MAINTAIN TWO WAY TRAFFIC FOR SW MAIN STREET DURING CONSTRUCTION.

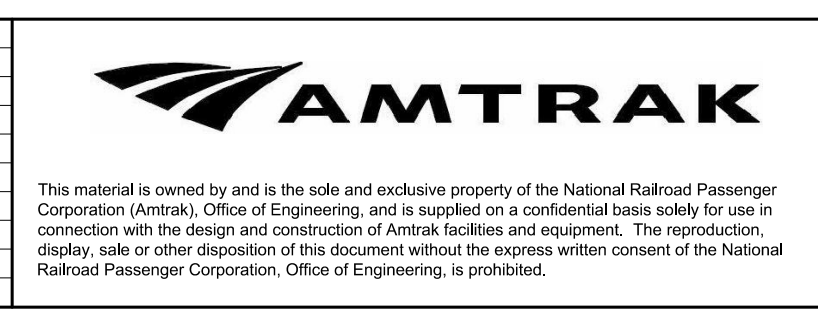
LEGEND:

- CONCRETE PAVING
- DETECTABLE WARNING STRIP
- STAMPED CONCRETE
- CONCRETE BAND
- BRICK PAVERS
- ASPHALT
- BALLAST
- LAWN
- ADA RAMP OR SLOPED WALKWAY
- LIMIT OF WORK
- PROPERTY LINE
- RIGHT OF WAY LINE
- TREE PROTECTION FENCE
- DESIGNATED CONTRACTOR AREA
- PEDESTRIAN PATH

SEE C000 FOR EXISTING AND PROPOSED DRAWING SYMBOLS.

1
G003
RECOMMENDED SITE PHASING AND STAGING PLAN - PHASE 1
SCALE: 1"=20'
0' 20' 40'
SCALE: 1"=20'

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program
 National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE)
 ADA STATIONS PROGRAM (ADASP)

MISSOURI
 RECOMMENDED SITE PHASING AND STAGING PLAN

Project Code: 67435
 WBS: C.EN.100694.0131
 Sheet No. 4 OF 41

Designed: TJR | Drawn: DBM | Checked: SME | Date: 11/03/2023

G003

PHASE 2 KEYNOTES

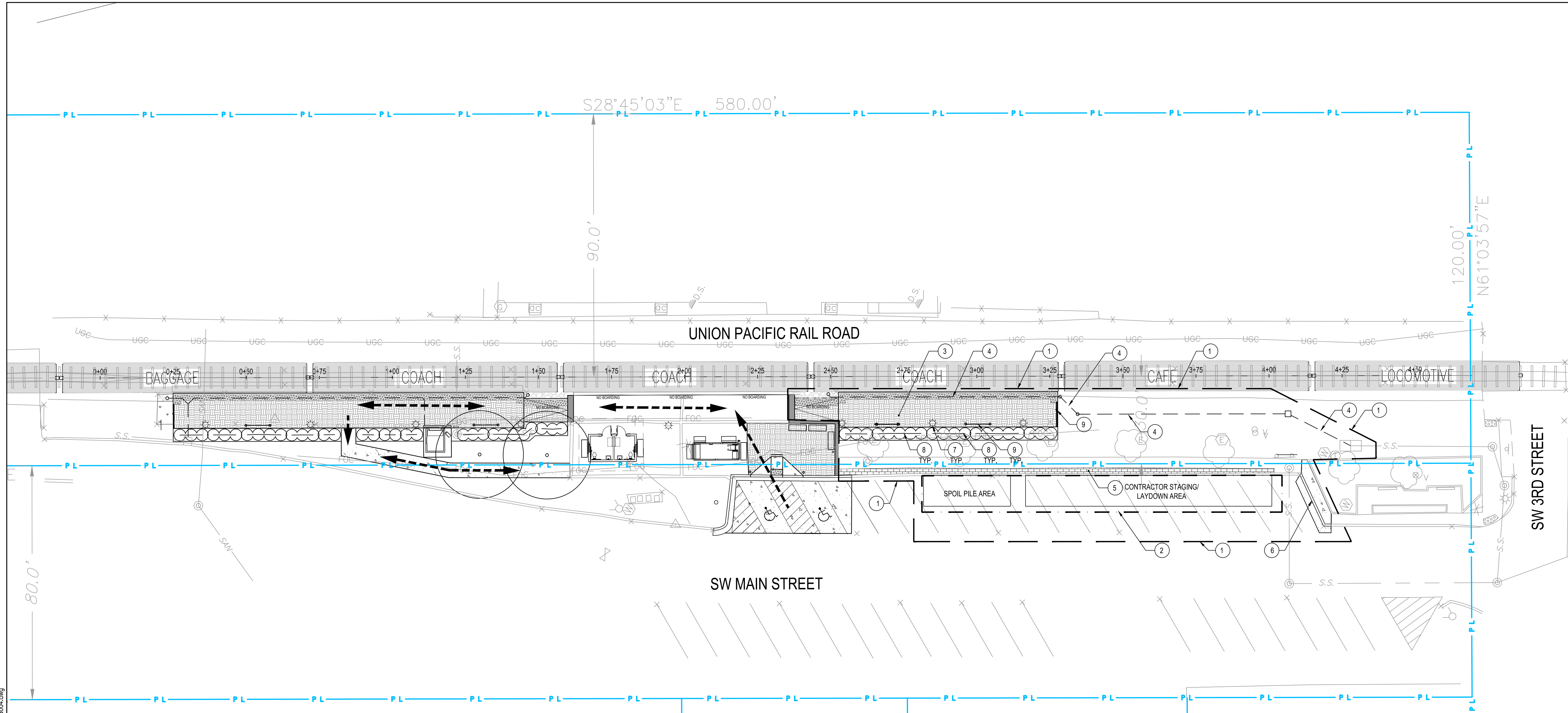
1. INSTALL CONSTRUCTION FENCING AROUND PHASE 2 AREA ONLY. DO NOT PLACE FENCING ALONG TRACK SIDES OF PLATFORM.
2. INSTALL FENCING AROUND CONTRACTOR STAGING AREA. INCREASE IN SIZE AS NEEDED FOR STAGING MATERIAL AND SPOILS.
3. INSTALL 8" ATR PLATFORM, SLOPED WALKWAYS AND, HANDRAILS.
4. INSTALL UNDERDRAIN PIPING.
5. RESET BRICK PAVERS FLUSH WITH EXISTING CONCRETE SIDEWALK AND EXISTING CONCRETE CURB.
6. INSTALL NEW CONCRETE SIDEWALK AND CURB AND GUTTER.
7. INSTALL LIGHTING.
8. INSTALL LANDSCAPING AND IRRIGATION.
9. INSTALL SIGNS.

GENERAL NOTES

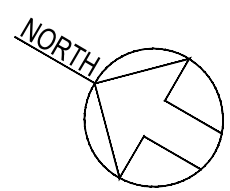
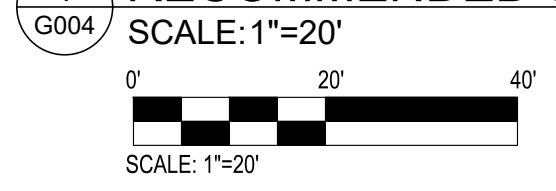
- A. CONTRACTOR TO PROVIDE A SITE SPECIFIC WORK PLAN FOR APPROVAL BY HOST RAILROAD.
- B. COORDINATE CONTRACTOR PARKING AND STAGING/ LAYDOWN AREA WITH HOST RAILROAD, AND CITY (IF APPLICABLE).
- C. CONTRACTOR TO SECURE WORKING AREA AND LAYDOWN / STORAGE AREA WITH TEMPORARY CHAIN LINK FENCE.
- D. CONTRACTOR TO COORDINATE WORK AND PHASING.
- E. CONTRACTOR TO MAINTAIN TWO WAY TRAFFIC FOR SW MAIN STREET DURING CONSTRUCTION.
- F. CONTRACTOR TO REMOVE TEMPORARY ADA COMPLIANT SIDEWALK AND RAMP INSTALLED DURING PHASE 1.

LEGEND:

- CONCRETE PAVING
 - DETECTABLE WARNING STRIP
 - STAMPED CONCRETE
 - CONCRETE BAND
 - BRICK PAVERS
 - ASPHALT
 - BALLAST
 - LAWN
 - ADA RAMP OR SLOPED WALKWAY
 - LIMIT OF WORK
 - PROPERTY LINE
 - RIGHT OF WAY LINE
 - TREE PROTECTION FENCE
 - DESIGNATED CONTRACTOR AREA
 - PEDESTRIAN PATH
- SEE C000 FOR EXISTING AND PROPOSED DRAWING SYMBOLS.

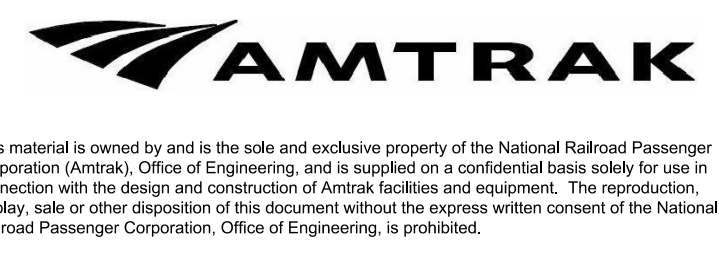


1 RECOMMENDED SITE PHASING AND STAGING PLAN - PHASE 2



Local File: C:\Users\steinman\Documents\GANNETT FLEMING INC\067435-Amtrak_ADA_IDIQ(2023)\Project Files\LEE\Lee-ADA-G004.dwg
 Central File: C:\Users\steinman\Documents\GANNETT FLEMING INC\067435-Amtrak_ADA_IDIQ(2023)\Project Files\LEE\Lee-ADA-G004.dwg
 Project Number: 067435
 6/16/2024 2:56:57 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program

National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 67435
RECOMMENDED SITE PHASING AND STAGING PLAN		5 OF 41		WBS: C.EN.100694.0131
Designed: TJR	Drawn: DBM	Checked: SME	Date: 11/03/2023	Sheet No. 5 OF 41
				Drawn No. G004

CIVIL NOTES:

- 1. GENERAL
1.1 PROJECT NAME AND LOCATION: AMTRAK TRAIN STATION - LEE'S SUMMIT, MISSOURI
1.2 BUILDING AND PARKING OWNER: AMTRAK
1.3 PLATFORM OWNER: LEASED BY AMTRAK OWNED BY UNION PACIFIC RAILROAD
1.4 AMTRAK OFFICE OF CHIEF ENGINEER NATIONAL RAIL ROAD PASSENGER CORPORATION
1.5 PROJECT DESCRIPTION:
1.5.1 THIS PROJECT SHALL CONSIST OF THE CONSTRUCTION OF DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARD (DOTAS) COMPLIANT FEATURES INCLUDING BUT NOT LIMITED TO PLATFORM, SIDEWALKS, RAMPS, AND PARKING STALLS.
1.5.2 CONSTRUCTION GENERALLY INCLUDES BUT IS NOT LIMITED TO: CONCRETE SIDEWALKS, HANDICAP PARKING AREAS, WHEELCHAIR LIFT ENCLOSURE, RAMPS AND RAILINGS, CONCRETE PLATFORM, LIGHTING AND SIGNAGE.
2. CONTRACTOR ACTIVITIES:
2.1. VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE SCOPE OF CONSTRUCTION BEFORE COMMENCING WITH ANY WORK.
2.1.1. CONTACT MISSOURI ONE CALL AT 800-344-7483 OR 811 A MINIMUM OF 3 DAYS PRIOR TO COMMENCING WITH ANY WORK, CONTACT AMTRAK AND UTILITY COMPANIES 14 DAYS PRIOR TO COMMENCING WITH ANY WORK.
2.1.2. MAKE NECESSARY ADJUSTMENTS TO ENSURE THE PROPER CONNECTIONS OF NEW SERVICES, COORDINATE WITH UTILITY COMPANIES TO ENSURE CONFORMANCE WITH THE UTILITY COMPANIES' STANDARDS AND SPECIFICATIONS.
2.2. DISTURBED AREAS ADJACENT TO CONSTRUCTION SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST.
2.3. SAW CUT AND REMOVE EXISTING PAVEMENT AND WALKS IN ACCORDANCE WITH STATE AND LOCAL CODES
2.3.1. PROVIDE A STRAIGHT AND UNIFORM EDGE ADJACENT TO EXISTING CONSTRUCTION WHICH IS TO REMAIN.
2.3.2. ALIGN ALL EDGES TO MEET FLUSH WITH EXISTING PAVEMENT OR WALKS AS SHOWN ON THE CIVIL PLAN.
2.3.3. COMPLETELY REMOVE PAVEMENT DOWN TO THE UNDERLYING SUBGRADE.
2.4. SURFACE MOUNTABLE DETECTABLE WARNING (TRUNCATED DOMES) SHALL BE INSTALLED AS SHOWN ON THE PLANS. CONTRACTOR TO PROVIDE MANUFACTURE SHOP DRAWINGS FOR APPROVAL BY THE ENGINEER OF RECORD.
2.5. PROVIDE DE-WATERING IN ALL EXCAVATIONS AS NEEDED.
2.6. CONCRETE SIDEWALK SHALL CONFORM TO STATE AND LOCAL CODES; 4500 PSI CONCRETE, WWF AND REBAR SHALL BE EPOXY COATED.
2.7. ALL STATION WORK, CONSTRUCTION LAYDOWN AND STORAGE AREAS, AND CONSTRUCTION ACCESS/EGRESS LOCATIONS ARE CONFINED TO THE AREA(S) DEFINED BY THE AMTRAK LEASE LINES, UNLESS OTHERWISE AGREED TO BY AMTRAK. PRIOR TO ANY CONSTRUCTION ACTIVITIES, OBTAIN PERMISSION AND AUTHORIZATION TO ENTER, CONSTRUCT, AND/OR OCCUPY ANY PROPERTY OUTSIDE THE DEFINED LEASE LINES AS SHOWN ON THE PLANS.
2.8. CONTRACTOR WILL USE EXTREME CARE NOT TO DAMAGE EXISTING RAIL DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR WILL PROTECT RAILROAD EQUIPMENT AND EXISTING RAIL FOR THE DURATION OF CONSTRUCTION.
2.9. DAMAGE TO ANY EXISTING FACILITIES OR APPURTENANCES WILL BE REPAIRED BY THE RESPECTIVE OWNER OR ITS AGENT, AT THE SOLE COST AND EXPENSE OF THE CONTRACTOR.
2.10. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT INJURY AND DAMAGE TO THE PROPERTY, ALL IN ACCORDANCE WITH THE LATEST OSHA RULES AND REGULATIONS AND PER PROJECT'S SPECIFICATIONS.
3. ADA CONSTRUCTION TOLERANCES:
3.1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEMONSTRATE THAT ALL ROUGH GRADING AND FORMWORK SHALL RESULT IN FINISHED GRADES THAT COMPLY WITH CONSTRUCTION TOLERANCES LISTED IN THIS SECTION.
3.2. CONTRACTOR SHALL ADJUST DIMENSIONS AS REQUIRED IN THE FIELD. TOLERANCES, AS STATED HEREIN, ARE ACHIEVED AT EDGES AND AT ALL TRANSITIONS BETWEEN NEW AND EXISTING PAVEMENTS OR SIDEWALKS SHALL BE FULL THICKNESS AND SET FLUSH WITH EXISTING PAVEMENT OR SIDEWALKS AND MEET ADA REQUIREMENTS.
3.3. IF THESE TOLERANCES CANNOT BE ACHIEVED DUE TO EXISTING CONDITION DISCREPANCIES THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
3.4. THE CONTRACTOR SHALL USE THE FOLLOWING CRITERIA FOR ALL NEW PAVED AREAS ALONG ACCESSIBLE ROUTES.
3.5. WALKWAYS:
a. MAXIMUM RUNNING SLOPE OF WALKWAYS SHALL NOT EXCEED 1:25 (4.0%).
b. MAXIMUM CROSS SLOPE OF WALKWAYS SHALL NOT EXCEED 1:60 (1.67%).
3.6. RAMPS AND LANDINGS:
a. MAXIMUM SLOPE AT STAIR TREADS AND LANDINGS SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
b. MAXIMUM RUNNING SLOPE OF RAMPS SHALL NOT EXCEED 1:14 (7.14%).
c. MAXIMUM CROSS SLOPE OF RAMPS SHALL NOT EXCEED 1:60 (1.67%).
3.7. PARKING
MAXIMUM SLOPE OF ADA PARKING STALL SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
3.8. PLATFORM
MAXIMUM SLOPE OF ADA PARKING STALL SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
4. SEDIMENT & EROSION CONTROL NOTES:
4.1. THE DESIGN OF EROSION CONTROL SYSTEMS AND BEST MANAGEMENT PRACTICES (BMP'S) SHALL FOLLOW THE REQUIREMENTS OF STATE AND LOCAL CODES.
4.2. THE CONTRACTOR SHALL PROVIDE AND PLACE SEDIMENT CONTROLS AS NECESSARY AT ALL POINTS WHERE WATER LEAVES THE PROJECT, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM SEWERS, WHETHER SPECIFICALLY SHOWN ON THE PLANS OR NOT.
4.3. ACCEPTED METHODS OF PROVIDING EROSION/SEDIMENT CONTROL INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT FILTERS, SILT FENCE, INLET PROTECTION ETC.
4.4. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE WORK AREA AT ALL TIMES CONSISTENT WITH STATE AND LOCAL CODES.

- 4.5. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF DISTURBANCE AND A MINIMUM OF 1 DAY BEFORE EXPECTED RAIN EVENTS. OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER.
4.6. ALL DENUDED AREAS, INCLUDING STOCKPILED TOPSOIL AND EXCAVATED MATERIAL, ARE TO BE PROTECTED THROUGH THE USE OF TEMPORARY SEEDING, OR COVERED WITH ANCHORED STRAW MULCH.
4.7. FINAL GRADING WILL BE CONSISTENT WITH PRE-CONSTRUCTION TOPOGRAPHY TO MAINTAIN DRAINAGE AND AESTHETICS.
4.8. REMOVE ONLY THE TREES, SHRUBS, AND GRASSES THAT MUST BE REMOVED TO PERMIT ACTUAL CONSTRUCTION. PROTECT THE REMAINING TO PRESERVE THEIR AESTHETIC AND EROSION CONTROL VALUE.
4.9. SETTling FACILITIES, SEDIMENT FILTERS, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING OR CONSTRUCTION AND WITHIN 7 DAYS FROM THE START OF ANY CLEARING OR GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.
4.10. CONSTRUCTION ACCESS ROUTES - MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT OFF-SITE TRACKING OF SEDIMENTS BY VEHICLES AND EQUIPMENT IS ELIMINATED.
4.11. SLOUGHING AND DUMPING - NO SOIL, ROCK, DEBRIS, OR ANY OTHER MATERIAL SHALL BE DUMPED OR PLACED INTO OR IN PROXIMITY OF A WATER RESOURCE.
4.12. MAINTENANCE AND INSPECTION - ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND CONSTRUCTED TO MINIMIZE MAINTENANCE REQUIREMENTS. THEY SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. MAINTENANCE AND INSPECTION OF ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4.13. OUTFLOWS FROM DEWATERING OPERATIONS - ALL WATER PRODUCED FROM CLEANING AND DEWATERING OPERATIONS, WHETHER SPECIFICALLY FROM TRENCH DEWATERING OPERATIONS OR FROM MORE EXTENSIVE DEWATERING OPERATIONS, SHALL BE DISCHARGED IN SUCH A MANNER AS TO ELIMINATE EROSION FROM SUCH DISCHARGE.
5. DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARDS (DOTAS)
5.1. ALL ADA FIXTURES, WALKING SURFACES, RAMPS, ETC., SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE 2006 DEPARTMENT OF TRANSPORTATION ACCESSIBILITY STANDARDS.
6. HOST RAILROAD REQUIREMENTS:
6.1. ALL ACTIVITIES WITHIN 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK ARE CONSIDERED FOULING THE TRACK. DURING CONSTRUCTION, CLEAR THE FOUL AREA BY REMOVING ALL PERSONNEL AND EQUIPMENT A MINIMUM OF 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK DURING TRAIN OPERATIONS. NOTICE FOR CLEARING THE FOUL AREA DURING TRAIN OPERATIONS WILL BE GIVEN BY AN ONSITE RAILROAD PROTECTION FLAGMAN. CLEAR THE FOUL AREA AND REMAIN CLEAR OF THE FOUL AREA UNTIL ALLOWED TO RETURN AS INSTRUCTED BY THE FLAGMAN. THIS REQUIREMENT TO CLEAR AND REMAIN CLEAR OF THE FOULED AREA MAY OCCUR AT ANY TIME DURING THE CONSTRUCTION ACTIVITIES.
6.2. PLACEMENT OR STORAGE OF MATERIAL OR EQUIPMENT WILL NOT BE PERMITTED WITHIN 25 FEET FROM CENTERLINE OF AN ADJACENT TRACK, EXCEPT AS MAY BE NOTED IN THE APPROVED SITE SPECIFIC WORK PLAN. TO ENSURE THIS REQUIREMENT, ESTABLISH A 25 FOOT LINE PRIOR TO THE START OF WORK BY DRIVING STAKES, TAPING OFF, OR ERECTING A TEMPORARY FENCE.
6.3. SUBMIT SITE SPECIFIC WORK PLANS (SSWP) INCLUDING COMPUTATIONS AND A DETAILED DESCRIPTION OF PROPOSED METHODS FOR ACCOMPLISHING THE WORK, INCLUDING METHODS FOR PROTECTING HOST RAILROAD TRAFFIC. MULTIPLE SSWPs MAY BE REQUIRED FOR EACH STATION AS DIRECTED BY THE PROJECT ENGINEER, DEPENDENT UPON THE WORK TASKS AND DURATIONS OF EACH WORK TASK.
6.4. THE USE OF CELL PHONE, RADIOS, OR PERSONAL ELECTRONIC DEVICES (INCLUDING PERSONAL FITNESS TRACKERS) IS NOT ALLOWED WITHIN 25 FEET OF THE TRACK CENTERLINE.
6.5. COORDINATE TEMPORARY SIGN INSTALLATION LOCATIONS WITH THE HOST RAILROAD AND AMTRAK TO ADDRESS OPERATIONS CONCERNS.
6.6. PHASE THE WORK SO AS TO MAINTAIN THE NORMAL TRAIN OPERATIONS AND ACCESS FOR PASSENGER MOVEMENT FOR BOARDING AND DEPARTING THE TRAINS AND ACCESS TO ADJACENT PARKING FACILITIES.
6.7. THE FLAGGING ACTIVITIES AND PRESENCE WILL BE DETERMINED BY THE HOST RAILROAD AND WILL BE BASED UPON THE APPROVED SITE SPECIFIC WORK PLAN.
6.8. COORDINATE WITH AMTRAK AND HOST RAILROAD TO LOCATE, PROTECT, AND RESTORE ALL BURIED UTILITIES, SIGNAL, AND COMMUNICATION CABLES. VERIFY AND MARK ALL UTILITIES, SIGNAL AND COMMUNICATION CABLES PRIOR TO ANY EXCAVATION. IN ADDITION TO MARK OUTS PERFORMED FOR OR BY THE UTILITY COMPANIES, NOTIFY THE HOST RAILROAD FOR A SEPARATE DIG TICKET PRIOR TO EXCAVATION.
6.9. VERIFY AND MARK ALL UTILITIES, SIGNAL AND COMMUNICATION CABLES PRIOR TO ANY EXCAVATION. IN ADDITION TO MARK OUTS PERFORMED FOR OR BY THE UTILITY COMPANIES, NOTIFY THE HOST RAILROAD FOR A SEPARATE DIG TICKET PRIOR TO EXCAVATION.
6.10. STORAGE OF MATERIAL OR EQUIPMENT ON OWNER'S PROPERTY WILL NOT BE PERMITTED WITHOUT FIRST HAVING OBTAINED PERMISSION FROM THE RESIDENT ENGINEER.
6.11. CONFORM TO THE HOST RAILROAD GUIDELINES FOR TEMPORARY SHORING:
6.12. EXERCISE EXTREME CARE WHEN OPERATING EQUIPMENT, OR OTHERWISE WORKING OVER, UNDER OR ADJACENT TO THE TRACK AND EXISTING UTILITIES.
6.13. CONTRACTOR SHALL COMPLY WITH "MINIMUM SAFETY REQUIREMENTS FOR UPRR CONTRACTORS".
6.14. SMOKING, INCLUDING THE USE OF E-CIGARETTES, IS NOT ALLOWED ON UP PROPERTY AT ANY TIME.
6.15. LIMITS OF CONSTRUCTION SHALL NOT INCLUDE THE TRACKS.

EXISTING CONDITIONS AND DEMOLITION NOTES:

- 1. ALL DIMENSIONS, ELEVATIONS, AND PHYSICAL CONDITIONS SHOWN ON THE DRAWING FOR THE EXISTING STRUCTURES ARE BASED ON LIMITED FIELD INSPECTIONS, CERTAIN DESIGN DRAWINGS FOR ORIGINAL CONSTRUCTION AND OTHER AVAILABLE SOURCES. SUCH DEPICTIONS OF EXISTING CONSTRUCTION ARE INTENDED TO BE GENERAL, APPROXIMATE, AND LIMITED TO THOSE AREAS FOR WHICH WORK IS REQUIRED, AND ARE PROVIDED ONLY FOR THE CONVENIENCE OF EXISTING CONDITIONS AT THE SITE APPLICABLE TO THE WORK.
2. THE EXACT EXTENT OF CONSTRUCTION OR RESTORATION WORK CANNOT BE NECESSARILY OR ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF WORK. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE CONSTRUCTION DETAILS, MATERIAL QUANTITIES, AND EXTENT OF THE MODIFICATION WORK SHOWN ON DRAWINGS. PERFORM THE WORK TO MEET FIELD CONDITIONS ENCOUNTERED.
3. EXAMINE AND FIELD VERIFY ALL EXISTING AND GIVEN DIMENSIONS AND CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK AND FABRICATION OF CONSTRUCTION MATERIALS. REPORT VARIANCES FROM THE DRAWINGS AND SPECIFICATIONS AND POTENTIAL INTERFERENCES PROMPTLY TO THE AMTRAK PROJECT MANAGER.
4. VERIFY LOCATIONS OF ALL EXISTING FEATURES, THEIR SIZES AND ELEVATIONS IN THE FIELD. THE CONTRACTOR WILL BE RESPONSIBLE TO CONFIRM THE DIMENSIONS AND CONDITIONS SHOWN ON THE PLAN, NOTIFY AMTRAK IN THE EVENT OF ANY DISCREPANCY BEFORE CONTINUING.
5. THE CONTRACTOR IS REQUIRED TO NOTIFY AMTRAK AND ALL THE UTILITY COMPANIES, AT LEAST FOURTEEN WORKING DAYS PRIOR TO ANY EXCAVATION, OR DRILLING. CONSTRUCTION ACTIVITIES ARE NOT TO COMMENCE BEFORE ALL THE UNDERGROUND UTILITIES ARE CLEARLY "MARKED OUT".
6. NOTE THAT THE SURFACE FEATURES FOR UNDERGROUND UTILITIES, DRAINAGE FACILITIES AND RAILROAD INFORMATION ARE INDICATED ON THE TOPOGRAPHIC SURVEY. AVAILABLE RECORDS ARE TO BE OBTAINED AND VERIFIED BY THE CONTRACTOR THE DESIGN INFORMATION IS DETERMINED TO A LEVEL OF INTERPRETATION AND REQUIRES FIELD VERIFICATION WHERE CONFLICTS MAY EXIST. EXACT LOCATION OF THE EXISTING UTILITIES SHALL BE DETERMINED IN THE FIELD, BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. CHECK ALL RECORDS FOR THEIR SIZES, LOCATION AND DEPTH, BY DIGGING TEST PITS AND POT-HOLING AS REQUIRED.

ABBREVIATIONS:

Table with 3 columns: Abbreviation, Description, and Symbol. Includes terms like A/C, APPROX, AVE, ARCH, ASPH, BH, BIT, BLDG, BOT, BM, CATV, CB, CF, CFS, CO, COMM, CONC, BOL, CI, CIP, CL, CLR, CMP, COL, CTR, CUFT, CUYD, CY, DIA, DIP, DIA, DOM, DS, DWG, E, ELEV, FH, FM, G, GALV, GM, GV, HDPE, HP, ID, IP, J, etc.

EXISTING CONDITIONS LEGEND:

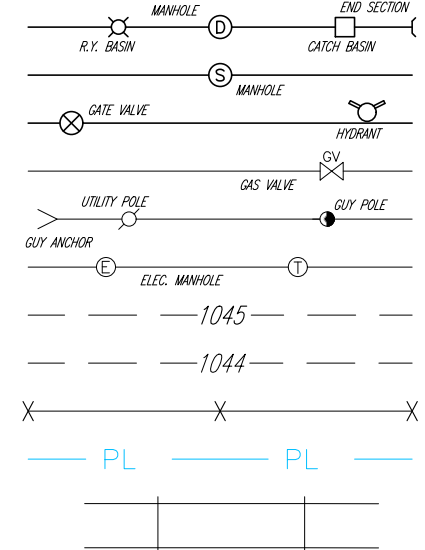


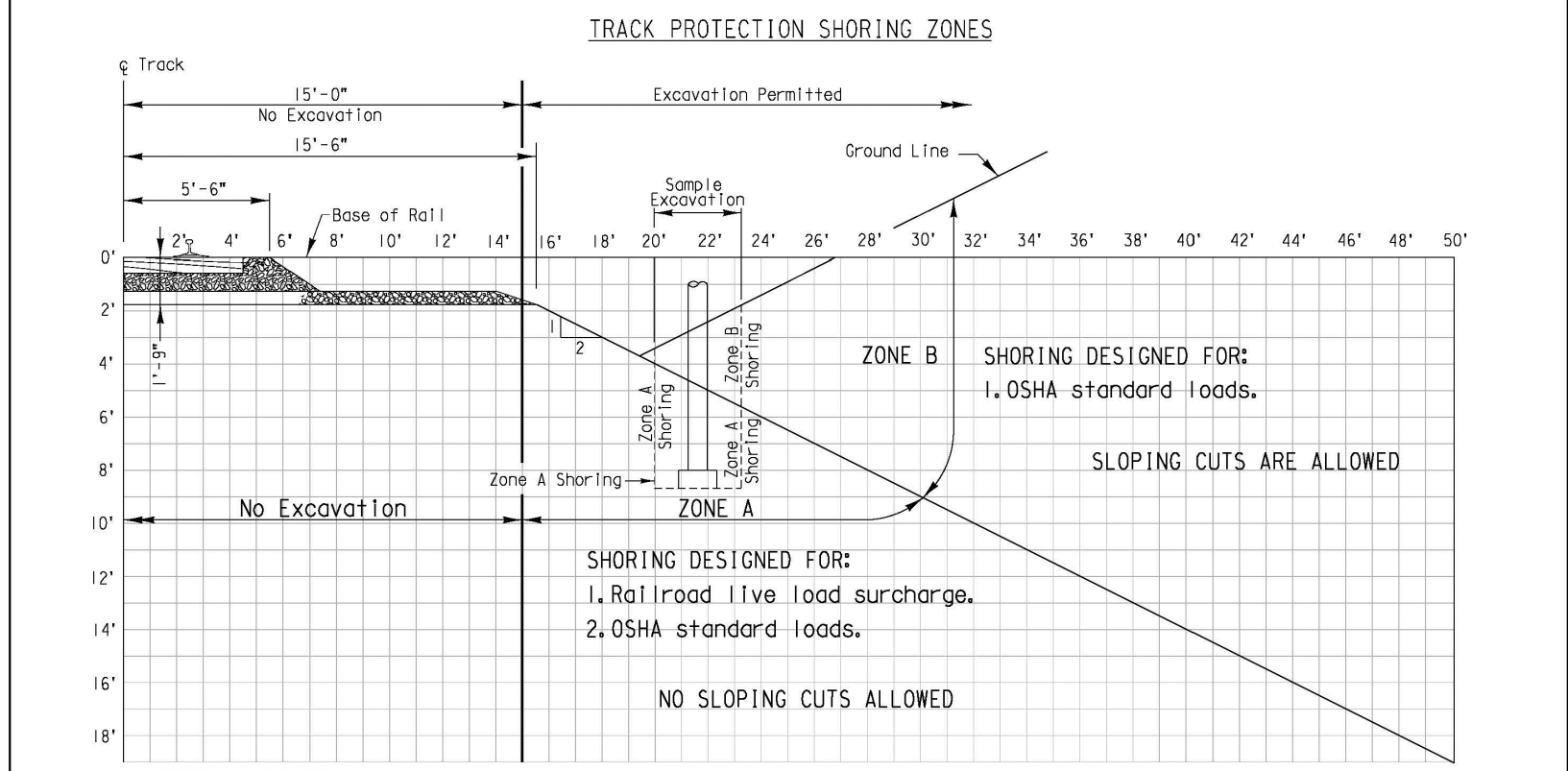
Table of existing conditions symbols and labels: CATCH BASIN, REAR YARD BASIN, STORM SEWER MANHOLE, END SECTION, DOWNSPOUT, SANITARY SEWER MANHOLE, CLEAN OUT, COMBINED SEWER MANHOLE, GATE VALVE & WELL, HYDRANT, WATER SHUT OFF, WELL, PUMP, ELECTRIC MANHOLE, TELEPHONE MANHOLE, UTILITY POLE, GUY WIRE, LIGHT POLE, PUBLIC TELEPHONE, ELECTRIC METER, GAS METER, GAS VALVE, GAS MARKER, etc.

PROPOSED LEGEND:

Table of proposed conditions symbols and labels: CONCRETE PAVING, DETECTABLE WARNING STRIP, BALLAST, SIGN, PROPOSED STORM CONNECTION, TRAIN CONSIST, ADA RAMP OR SLOPED WALKWAY, LIMIT OF WORK, PROPERTY LINE, RIGHT OF WAY LINE, etc.

CONSTRUCTION NOTES:

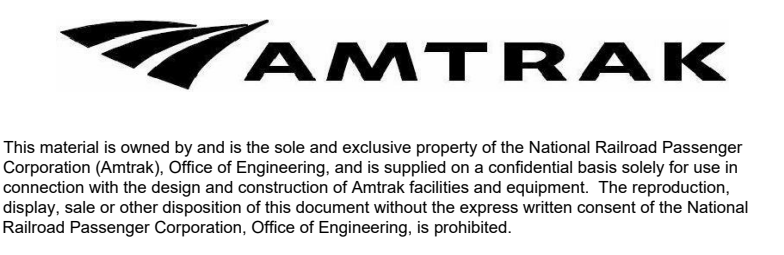
- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ACTUAL SITE CONDITIONS PRIOR TO THE START OF ANY WORK. ANY DISCREPANCY FOUND IS TO BE BROUGHT TO THE ATTENTION OF THE AMTRAK PROJECT MANAGER PRIOR TO THE START OF WORK.
2. THE CONTRACTOR WILL VERIFY ALL BASELINES AND POINTS OF CONSTRUCTION, THE LOCATION OF ALL NEW CONSTRUCTION, AND VERIFY ALL SETBACKS, OFFSETS, AND CLEARANCES.
3. THE CONTRACTOR WILL MAINTAIN ALL UTILITY SERVICES TO PERMANENT AND TEMPORARY FACILITIES THROUGHOUT CONSTRUCTION. THE CONTRACTOR WILL PROVIDE A WRITTEN CONSTRUCTION SEQUENCE PLAN AND COORDINATE ANY REQUIRED BREAKS IN UTILITY SERVICE WITH AMTRAK AND THE APPROPRIATE UTILITY PRIOR TO COMMENCING ANY WORK REQUIRING A BREAK IN UTILITY SERVICE.
4. THE CONTRACTOR WILL ESTABLISH AND MAINTAIN TEMPORARY BENCHMARKS ON-SITE TO PERFORM OPERATIONS DURING CONSTRUCTION.
5. THE CONTRACTOR WILL LIMIT THE AMOUNT OF EARTH DISTURBANCE DURING CONSTRUCTION.
6. THE CONTRACTOR WILL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION WASTE FROM THE SITE. ANY MATERIAL REMOVED FROM THE SITE IS TO BE LEGALLY DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR WILL PROVIDE EVIDENCE OF LEGAL DISPOSAL. MAKE ARRANGEMENTS FOR LEGALLY DISPOSING OF EXCAVATED MATERIALS OFF THE WORK SITE AND PAY ALL COSTS THEREOF.
8. NOTIFY THE AMTRAK PROJECT MANAGER AT LEAST (7) DAYS IN ADVANCE OF THE DATE THE ENTIRE WORK WILL BE SUBSTANTIALLY COMPLETE AND READY FOR INSPECTION.
9. NUMERICAL DIMENSIONS AND ELEVATIONS SHOWN SHALL SUPERCEDE ANY DISCREPANCY IN THE SCALING OF THE DRAWINGS.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION ON SITE WITH THE SUBCONTRACTORS.
11. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO AMTRAK NOT LESS THAN FIFTEEN (15) WORKING DAYS IN ADVANCE OF WHEN THEY WILL WANT TO START INSTALLATION. ALL WORK SHALL BE PERFORMED IN A MANNER SATISFACTORY TO AMTRAK'S PROJECT MANAGER.
12. ALL WORK ON OR NEAR HOST RAILROAD PROPERTY SHALL BE CONDUCTED IN ACCORDANCE WITH HOST RAILROAD AND AMTRAK SAFETY RULES AND REGULATIONS. THE CONTRACTOR SHALL SECURE AND COMPLY WITH SAFETY RULES AND REGULATIONS AND SHALL GIVE WRITTEN ACKNOWLEDGMENT TO AMTRAK THAT THEY HAVE BEEN RECEIVED, READ, AND UNDERSTOOD BY THE CONTRACTOR AND ITS EMPLOYEES. OPERATIONS WILL BE SUBJECT TO AMTRAK INSPECTIONS AT ANY AND ALL TIMES.
13. A VARIANCE HAS BEEN APPROVED FOR ALLOWING SHORING FOR UNDER DRAIN AND PLATFORM CONSTRUCTION WITHIN 15 FEET OF TRACK CENTERLINE. HOWEVER, THIS SHORING MUST BE DESIGNED, REVIEWED, AND APPROVED IN ACCORDANCE WITH THE UP GUIDELINES FOR TEMPORARY SHORING.
14. NO EXCAVATION IS ALLOWED WITHIN 15 FEET OF THE CENTERLINE OF THE NEAREST CENTERLINE OF TRACK. IF CONSTRUCTION NEEDS TO OCCUR WITHIN THE NO EXCAVATION ZONE, OR ZONES A & B, THEN UP WILL NEED TO REVIEW THE TEMPORARY SHORING DESIGN PLANS, INCLUDING RAILROAD SURCHARGE, CONTRACTOR WORK PLAN, TRACK AND GROUND MONITORING PLAN, AND ETC. IN ACCORDANCE WITH THE UP GUIDELINES FOR TEMPORARY SHORING.
15. CONTACT THE UNION PACIFIC "CALL BEFORE YOU DIG" NUMBER 90 DAYS (NOT LESS THAN 60 DAYS) PRIOR TO PROPOSED CONSTRUCTION START DATE. PRIOR TO CONSTRUCTION, CONFIRM THAT ALL NECESSARY RELOCATIONS HAVE BEEN COMPLETED THE CBYD NUMBER IS: 1-800-336-9193.
16. CONTRACTOR SHALL ALSO TELEPHONE THE UPRR GRADE CROSSING AND SIGNALS HOTLINE, CALL 1-800-848-8715 TO HAVE SIGNAL WIRES LOCATED PRIOR TO ANY CONSTRUCTION.
17. SHOULD ANY FIBER OPTIC LINES BE ANTICIPATED OR LOCATED, CONTRACTOR WILL COMPLY WITH UNION PACIFIC RAILROAD COMPANY STANDARDS MANUAL - FIBER OPTIC ENGINEERING, CONSTRUCTION AND MAINTENANCE STANDARDS.
18. PROVIDE TRACK MONITORING PLAN FOR REVIEW. UPRR HAS GUIDELINES DETAILED IN SECTION 2 OF THE UPRR ABANDONMENT GUIDELINES. SEE LINK https://www.up.com/real_estate/index.htm



GENERAL NOTES: All dimensions are measured perpendicular to centerline of track. Prior to commencing any work, the contractor shall submit for approval by the Railroad detailed plans indicating the nature and extent of the track protection shoring proposed. The contractor shall install the temporary shoring system per the approved plans, design of the temporary shoring system to comply with GUIDELINES FOR TEMPORARY SHORING. For excavations which encroach into zone A, shoring plans shall be accompanied by design calculations. Plans and calculations must be signed and stamped by a Professional Engineer registered in the state where the work will be performed.

Local File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC187495-Amtrak_ADA_ID102021\Project Files\Lee\ADA-C000-9m.dwg
Central File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC187495-Amtrak_ADA_ID102021\Project Files\Lee\ADA-C000-9m.dwg

Table with 4 columns: No, Revisions, Date, By. Row 0: 100% (IFB) SUBMISSION, 11/03/2023, TJR.



Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Table with 2 columns: Approved, Date. Includes signature lines for project approval.

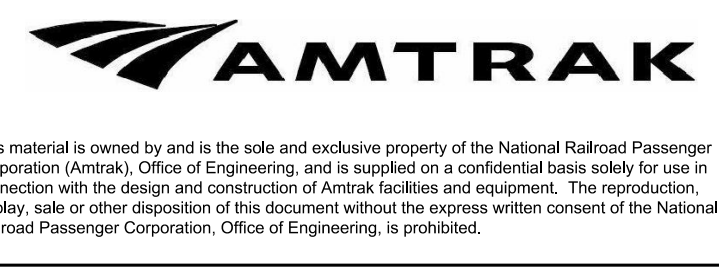


LEE'S SUMMIT (LEE) MISSOURI ADA STATIONS PROGRAM (ADASP)
SITE GENERAL NOTES, SYMBOLS, & ABBREVIATIONS
Designed TJR, Draw DBM, Checked SME, Date 11/03/2023

Project Code: 67435
WBS: CEN 10084.0131
Sheet No. 6 OF 41
Design: C000

Local File: C:\Users\jennaman\OneDrive\GANNETT FLEMING INC\067435-AMTRAK ADA_LID\0223\Project Files\LEE\CD100.dwg
 Central File: C:\Users\jennaman\OneDrive\GANNETT FLEMING INC\067435-AMTRAK ADA_LID\0223\Project Files\LEE\CD100.dwg

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



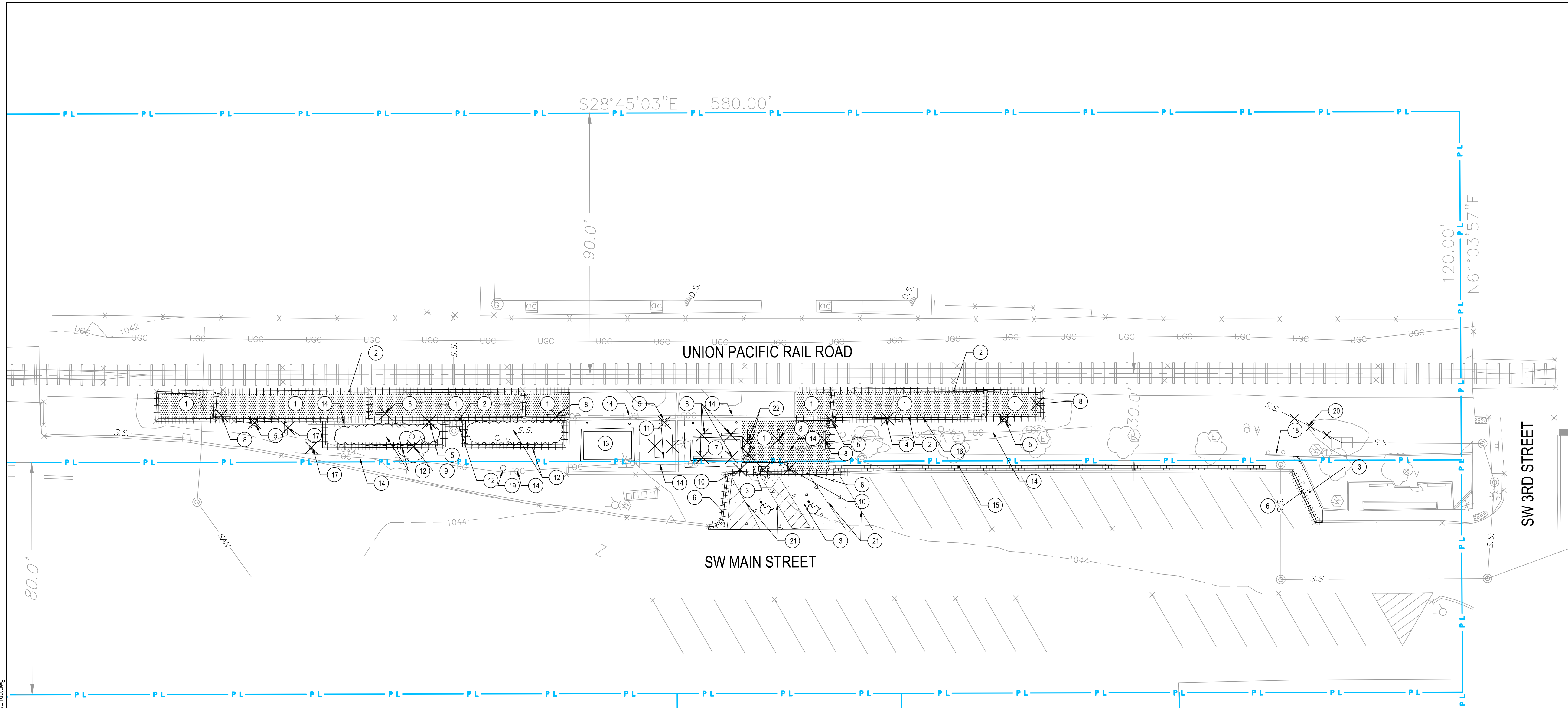
Office of ADA Stations Program

National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 67435
OVERALL DEMOLITION PLAN		Designed TJR		WBS: C.EN.100694.0131
Drawn DBM		Checked SME		Sheet No. 7 OF 41
Date 11/03/2023				



1 OVERALL DEMOLITION PLAN
 SCALE: 1"=20'

- ### KEY NOTES
- REMOVE EXISTING BRICK PAVERS. SALVAGE EXISTING BRICK TO TURN OVER TO CITY. CONTRACTOR TO DELIVER TO LOCATION WITHIN 5 MILES OF SITE.
 - REMOVE CONCRETE PLATFORM.
 - REMOVE CONCRETE WALKWAYS / PAVEMENT.
 - REMOVE AMTRAK SIGNS AND STORE FOR RE-INSTALLATION.
 - REMOVE LIGHT POLES.
 - REMOVE CONCRETE CURB AND GUTTER.
 - SHELTER BUILDING. SEE ARCHITECTURAL DRAWINGS.
 - REMOVE BENCH AND STORE FOR RE-INSTALLATION.
 - REMOVE TREE.
 - REMOVE ACCESSIBLE PARKING SIGN / POST. STORE SIGN FOR RE-INSTALLATION. COORDINATE NEW LOCATION WITH AMTRAK.
 - REMOVE EXISTING PICKET FENCE. RELOCATE NEWSPAPER DISPENSERS. COORDINATE NEW LOCATION WITH AMTRAK.
 - REMOVE RAISED PLANTERS AND LANDSCAPING.
 - RESTROOM BUILDING. SEE ARCHITECTURAL DRAWINGS.
 - CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING COMMUNICATIONS FIBER OPTIC AT THE PROJECT SITE. THE CONTRACTOR WILL DEVELOP AND SUBMIT A PLAN FOR PROTECTING THE FIBER OPTIC CABLE FROM ANY CONSTRUCTION ACTIVITIES WITHIN 4' OF THE LINE. NO EXCAVATION SHALL BE PERMITTED IN THIS AREA PRIOR TO AMTRAK APPROVAL.
 - REMOVE EXISTING BRICK PAVERS, STORE FOR REINSTALLATION.
 - REMOVE AND SALVAGE BIKE RACK FOR REINSTALLATION.
 - REMOVE AND SALVAGE EXISTING CITY SIGN FOR REINSTALLATION.
 - REMOVE EXISTING SIGN FOR ACCESS TO CONSTRUCTION AREA, REINSTALL SIGN AT THE END OF CONSTRUCTION.
 - REMOVE AND SALVAGE EXISTING FLAGPOLE FOR REINSTALLATION.
 - REMOVE EXISTING 10" RCP STORM DRAIN PIPE.
 - ERADICATE EXISTING WHITE PAINT PARKING STRIPE.
 - REMOVE AND STORE EXISTING TRASH AND RECYCLING CONTAINERS FOR RE-INSTALLATION.

- ### LEGEND
- EXISTING PLATFORM BRICK PAVERS TO BE REMOVED, SALVAGED, AND TURNED OVER TO CITY.
 - EXISTING CONCRETE PAVEMENT TO BE REMOVED
 - EXISTING SIDEWALK BRICK PAVERS TO BE REMOVED, STORED AND RESET.
 - PL PROPERTY LINE
 - ROW RIGHT OF WAY LINE
 - ITEMS TO BE REMOVED
 - ITEMS TO BE REMOVED
- SEE C000 FOR EXISTING AND PROPOSED DRAWING SYMBOLS.

- ### GENERAL NOTES
- REFER TO PHASING PLANS AS TO WHEN DEMOLITION WORK IN SPECIFIC AREAS SHOULD OCCUR.
 - ALL EXISTING SIGNS NOT REINSTALLED WILL BE TURNED OVER TO AMTRAK.
 - CONTRACTOR TO PROTECT ALL EXISTING LIDS AND GRATES TO REMAIN WITHIN THE WORK LIMITS. RAISE EXISTING STRUCTURE FRAME, LID OR GRATES TO PROPOSED ELEVATIONS.
 - REMOVE CONCRETE TO NEAREST JOINT.
 - RETURN TWO (2) BENCHES TO THE CITY OF LEE'S SUMMIT FOR THEIR USE.

Project Number: 067435
 6/16/2022 1:04:17 PM

KEY NOTES

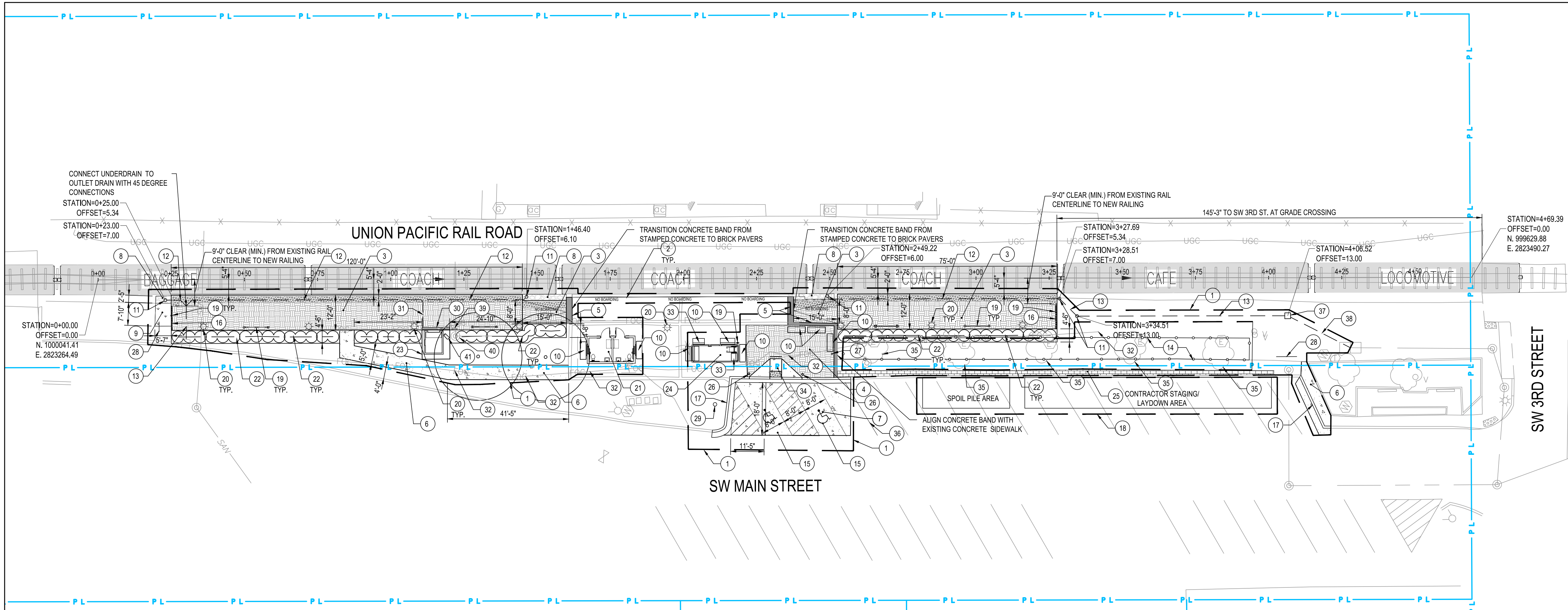
- LIMIT OF WORK
- INSTALL NO BOARDING TEXT ON PLATFORM AT ALL SLOPED WALKWAY LOCATIONS.
- INSTALL ADA COMPLIANT SLOPED STAMPED CONCRETE PLATFORM WITH DETECTABLE WARNING SURFACES. SEE SHEET C111 FOR ADDITIONAL SLOPE AND ELEVATION INFORMATION. SEE DETAIL 6-C200 FOR DETECTABLE WARNING SURFACE. SEE DETAIL 3-3200 FOR PLATFORM DETAILS. MATCH PATTERN AND COLOR OF EXISTING PAVERS.
- INSTALL ADA COMPLIANT STAMPED CONCRETE WALKWAY, MATCH PATTERN AND COLOR OF EXISTING PAVERS.
- INSTALL CONCRETE BAND.
- INSTALL ADA COMPLIANT CONCRETE SIDEWALK.
- INSTALL CONCRETE PAVEMENT FOR ADA COMPLIANT PARKING.
- INFILL PLATFORM AREAS THAT WERE REMOVED WITH BALLAST. PLACE BALLAST TO EXISTING RAIL LINES.
- INSTALL LAWN IN AREAS ADJACENT TO PLATFORM AND BALLAST.
- REINSTALL BENCH.
- INSTALL CLEANOUT.
- INSTALL 6" DIA. PERFORATED ALUMINIZED STEEL PIPE.
- INSTALL 8" DIA. ALUMINIZED STEEL SOLID PIPE.
- CONTINUOUS TREE PROTECTION FENCE AROUND EXISTING TREES TO REMAIN.
- INSTALL ADA COMPLIANT PARKING SPACE STRIPING.
- INSTALL RAILINGS. SEE DETAILS ON SHEET A500.
- INSTALL CONCRETE CURB AND GUTTER, MATCH EXISTING.
- INSTALL FENCING AROUND CONTRACTOR STAGING AREA. INCREASE IN SIZE AS NEEDED FOR STAGING MATERIAL AND SPOILS.
- SEE SHEET A750 FOR NEW SIGNAGE.
- SEE SHEET E100 FOR NEW SITE LIGHTING LAYOUT.
- RESTROOM BUILDING MODIFICATIONS, SEE ARCHITECTURAL DRAWINGS.
- INSTALL LANDSCAPING AND IRRIGATION.
- INSTALL 9'-6"(L) X 10'-0"(W) CONCRETE PAD FOR WCLE.
- SHELTER MODIFICATIONS, SEE ARCHITECTURAL DRAWINGS.
- REINSTALL BRICK PAVERS TO BE ADA COMPLIANT.
- INSTALL ACCESSIBLE PARKING SIGN ON PERMANENT BOLLARD.
- INSTALL SALVAGED BIKE RACK.
- INSTALL SALVAGED CITY SIGN.
- INSTALL SALVAGED FLAGPOLE, MATCH EXISTING FOOTING DEPTH AND DIAMETER, USE 4500 PSI CONCRETE.
- INSTALL 6" WIDE TRENCH DRAIN.
- INSTALL 4" DIA. ALUMINIZED STEEL PIPE.
- PROTECT FIBER OPTIC LINE.
- INSTALL NEW BENCH.
- INSTALL ADA COMPLIANT RAMP.
- PROTECT EXISTING TREE.
- RESTRIPE WHITE PARKING SPACE LINE
- INSTALL 24"x24" INLET WITH PEDESTRIAN SAFE GRATE
- INSTALL 10" DIA. ALUMINIZED STEEL SOLID PIPE.
- INSTALL ELECTRICAL PANEL, SEE ELECTRICAL DRAWINGS.
- INSTALL WATERTIGHT SANITARY SEWER MANHOLE FRAME AND LID.
- ANGLE DOWNSPOUT AND SPLASH BLOCK TOWARDS GRASS AREA, AWAY FROM MANHOLE.

LEGEND:

- CONCRETE PAVING
- DETECTABLE WARNING STRIP
- STAMPED CONCRETE
- CONCRETE BAND
- BRICK PAVERS
- ASPHALT
- BALLAST
- LAWN
- ADA RAMP OR SLOPED WALKWAY
- LIMIT OF WORK
- PROPERTY LINE
- RIGHT OF WAY LINE
- TREE PROTECTION FENCE
- SEE C000 FOR EXISTING AND PROPOSED SYMBOLS.

IRRIGATION NOTES

- IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC., WILL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE AMTRAK PROJECT MANAGER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.
- ALL SLEEVES TO BE SCHEDULE 40 PVC. SLEEVES WILL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES MUST BE 2 SIZES LARGER THAN THE SUM OF ALL PIPES IN SLEEVE. CONTRACTOR WILL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.
- COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/ TRADES AND PROTECT THE WORK OF OTHER CONTRACTORS/ TRADES. IRRIGATION CONTRACTOR WILL BE RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS WORK.
- IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.
- NO PVC PIPING WILL BE LOCATED UNDER TREE ROOT BALLS.
- THE IRRIGATION CONTRACTOR WILL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION. IF ANY UNDERGROUND, OR ABOVE GROUND, CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE AMTRAK PROJECT MANAGER IS TO BE NOTIFIED IMMEDIATELY.
- THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR RUNNING POWER TO ALL CONTROLLERS UNLESS OTHERWISE NOTED.
- PRIOR TO BEGINNING WORK, THE CONTRACTOR WILL VERIFY MINIMUM WORKING PRESSURE AT POINT OF CONNECTION. IF THE WORKING PRESSURE IS LESS THAN REQUIRED AT THE POINT OF CONNECTION, STOP WORK, NOTIFY THE AMTRAK PROJECT MANAGER AND DO NOT PROCEED UNTIL INSTRUCTED.
- THE IRRIGATION CONTRACTOR WILL ADJUST ALL NOZZLES TO ENSURE NO SPRAY ONTO HARD SURFACES.
- PIPING NOTES
MINIMUM PIPE SIZE TO BE 3/4"
MINIMUM MAIN LINE PIPE SIZE TO BE 1 1/4"
VELOCITIES WILL NOT EXCEED 5 FEET PER SECOND
- SHRUB AND TREE PLANTINGS TO BE IRRIGATED WITH EMITTERS OR DRIP IRRIGATION. MINIMUM ONE EMITTER PER SHRUB AND TWO EMITTERS PER TREE.
- LAWN AREAS TO BE IRRIGATED WITH POP-UP ROTARY SPRINKLERS.
- PROVIDE SYSTEM CONTROLLER, PRESSURE REGULATOR AND WYE STRAINER, MANUAL SYSTEM FLUSH VALVE, AND REDUCED PRESSURE BACKFLOW FOR THE IRRIGATION SYSTEM.

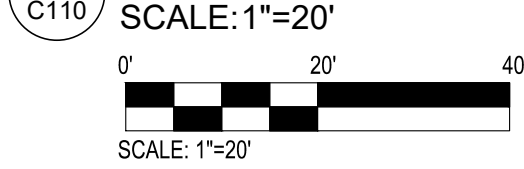


SYMBOL	BOTANICAL NAME / COMMON NAME	QUANTITY	SIZE	BB/CONT
AG	AZALEA x GIRARD HYBRID 'GIRARD'S CRIMSON'/ GIRARD'S CRIMSON EVERGREEN AZALEA	29	24" - 30"	CONT
IG	ILEX GLABRA 'COMPACTA'/ COMPACT INKBERRY	23	24" - 30"	CONT.
UP	ULMUS PARVIFOLIA/ LACEBARK ELM	2	2 1/2" CAL.	BB.

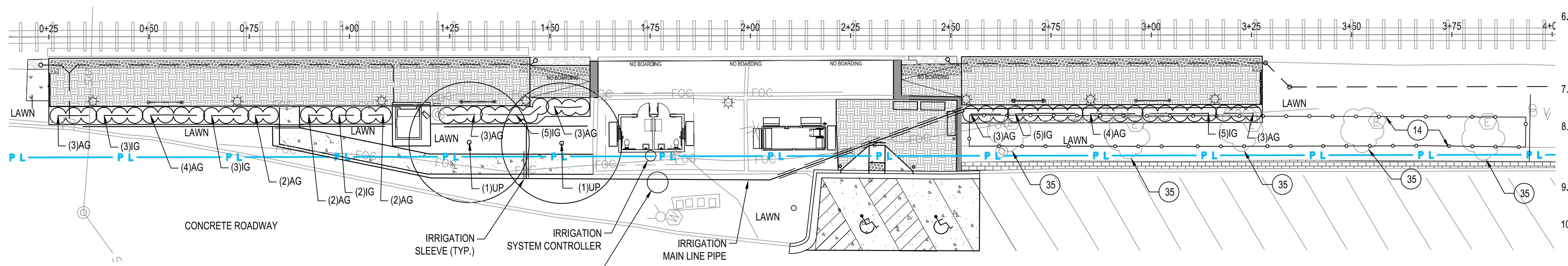
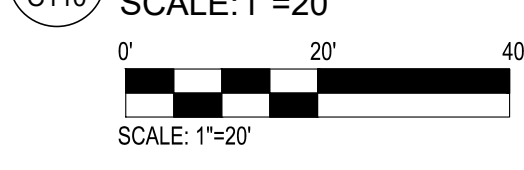
LANDSCAPE QUANTITIES

AREA OF EXISTING PLANT BEDS REMOVED	592 SF
AREA OF NEW PLANTING BEDS INSTALLED	886 SF

1 SITE CONSTRUCTION - LAYOUT

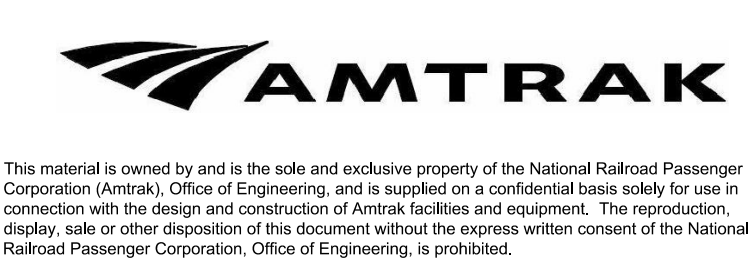


2 SITE LANDSCAPE/ IRRIGATION PLAN



Local File: C:\Users\amtrak\Documents\GANNETT FLEMING INC\062426\Amtrak ADA ID\022023\Project Files\Lee\Lee\Lee\Lee\C110.dwg
 Central File: C:\Users\amtrak\Documents\GANNETT FLEMING INC\062426\Amtrak ADA ID\022023\Project Files\Lee\Lee\Lee\Lee\C110.dwg
 Project Number: 062426
 6/16/2022 2:04:21 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program
 National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date

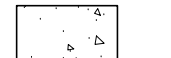



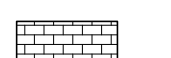
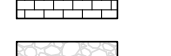
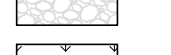
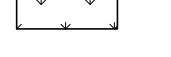
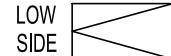





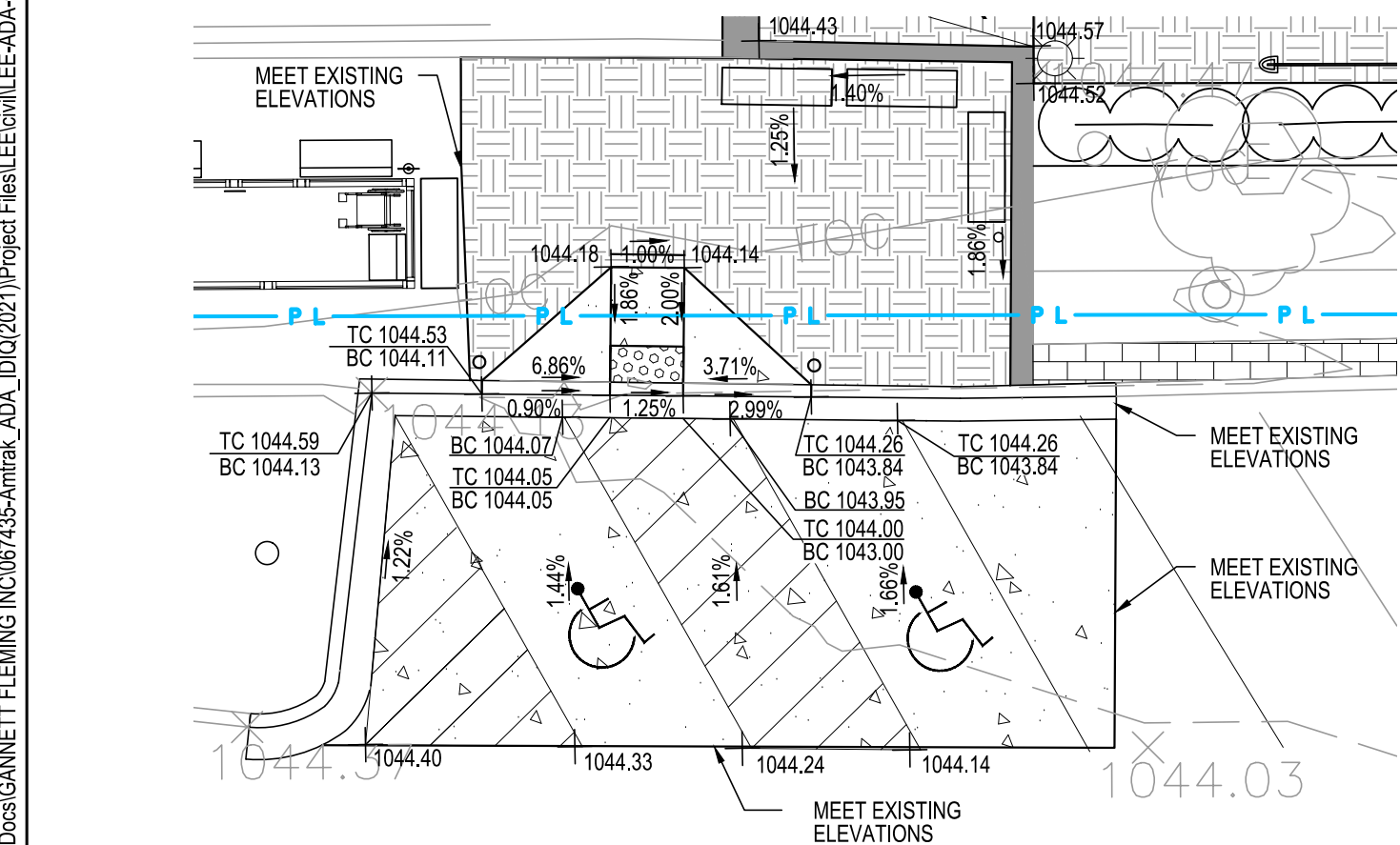
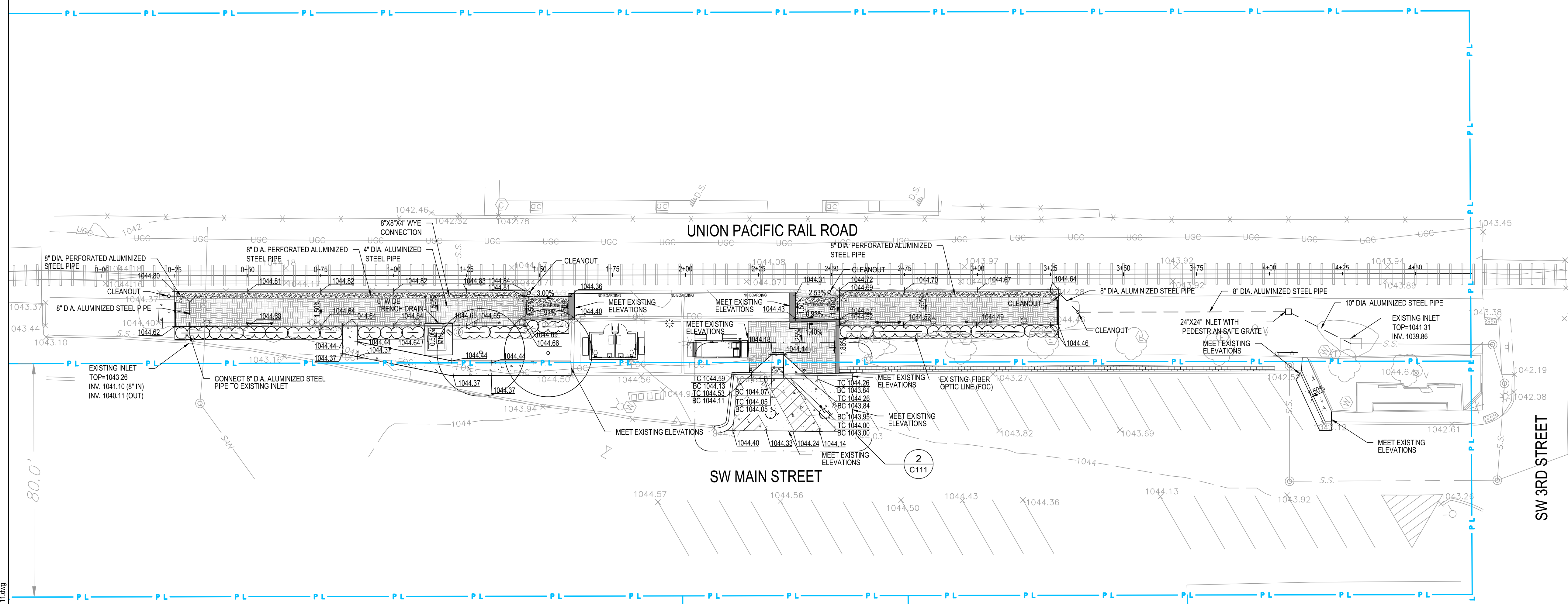
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP) MISSOURI
SITE CONSTRUCTION - LAYOUT
 Designed: TJR | Drawn: DBM | Checked: SME | Date: 11/03/2023
 Project Code: 67435
 WBS: C.EN.100694.0131
 Sheet No. 8 OF 41
 Dwg. No. **C110**

GENERAL NOTES

1. PROVIDE ADA COMPLIANT SLOPED WALKWAYS AND NEW CONCRETE PLATFORM, AS SHOWN ON PLAN.
2. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO CONFIRM EXISTING TOP OF RAIL ELEVATIONS.
3. SLOPES SHOWN ALONG PLATFORM ARE TAKEN AT INTERVALS BETWEEN SPOT ELEVATIONS. PLATFORM LONGITUDINAL SLOPES FOLLOW THE EXISTING TOP OF RAIL ELEVATIONS AND COULD ONLY BE DETERMINED FROM SURVEY POINTS TAKEN ALONG TOP OF RAIL.
4. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR TO FIELD VERIFY EXISTING CONCRETE PAVING ELEVATIONS IN THE AREA OF THE ADA PARKING SPACES ON SW MAIN STREET. PROVIDE INFORMATION TO AMTRAK AND ENGINEER.

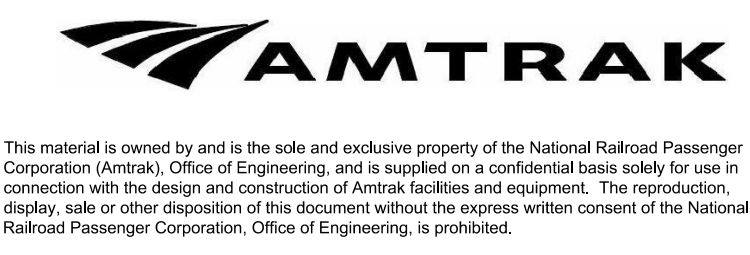
LEGEND:

-  CONCRETE PAVING
-  DETECTABLE WARNING STRIP
-  STAMPED CONCRETE
-  CONCRETE BAND
-  BRICK PAVERS
-  BALLAST
-  LAWN
-  ADA RAMP OR SLOPED WALKWAY
-  PROPERTY LINE
-  RIGHT OF WAY LINE
-  + TC 1044.26
-  + BC 1043.84
- SEE C000 FOR EXISTING AND PROPOSED DRAWING SYMBOLS.



Local File: C:\Users\mcfleming\OneDrive\GANNETT FLEMING\NC18735-Amtrak_ADA_ID102021\Project Files\Lee\Lee\ADA-C111.dwg
 Central File: C:\Users\mcfleming\OneDrive\GANNETT FLEMING\NC18735-Amtrak_ADA_ID102021\Project Files\Lee\Lee\ADA-C111.dwg
 Project Number: 667435
 6/16/2022 2:45:56 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program
 National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
Project Code: 67435		WBS: C.EN.100694.0131	
Sheet No. 9 OF 41		Dwg. No. C111	
GRADING AND DRAINAGE PLAN			
Designed: TJR	Drawn: DBM	Checked: SME	Date: 11/03/2023

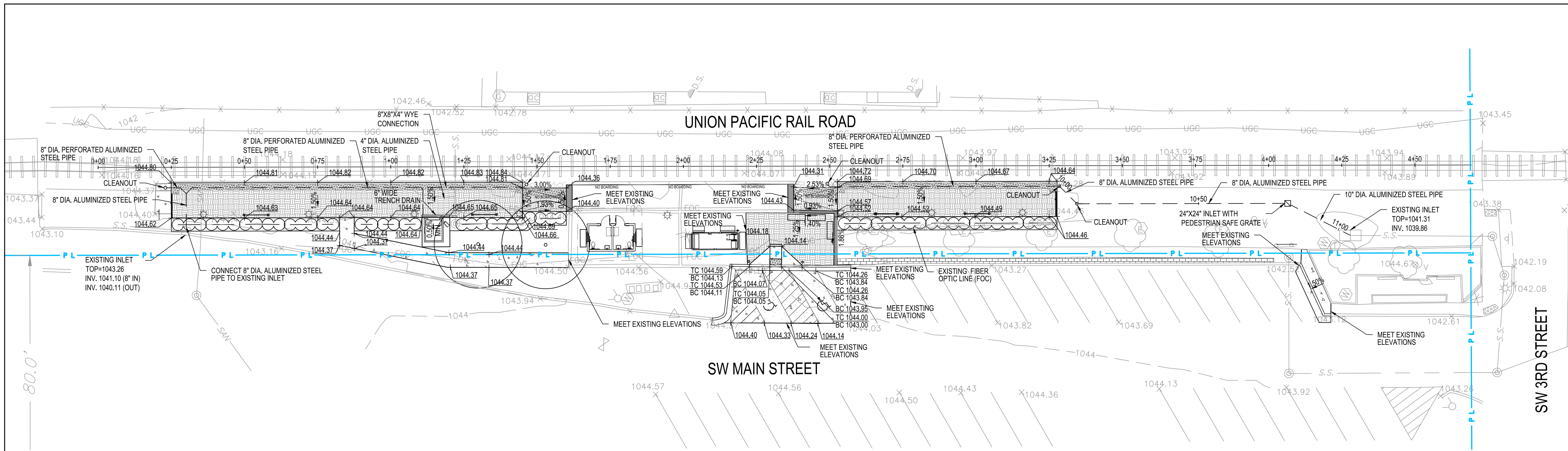
This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

GENERAL NOTES

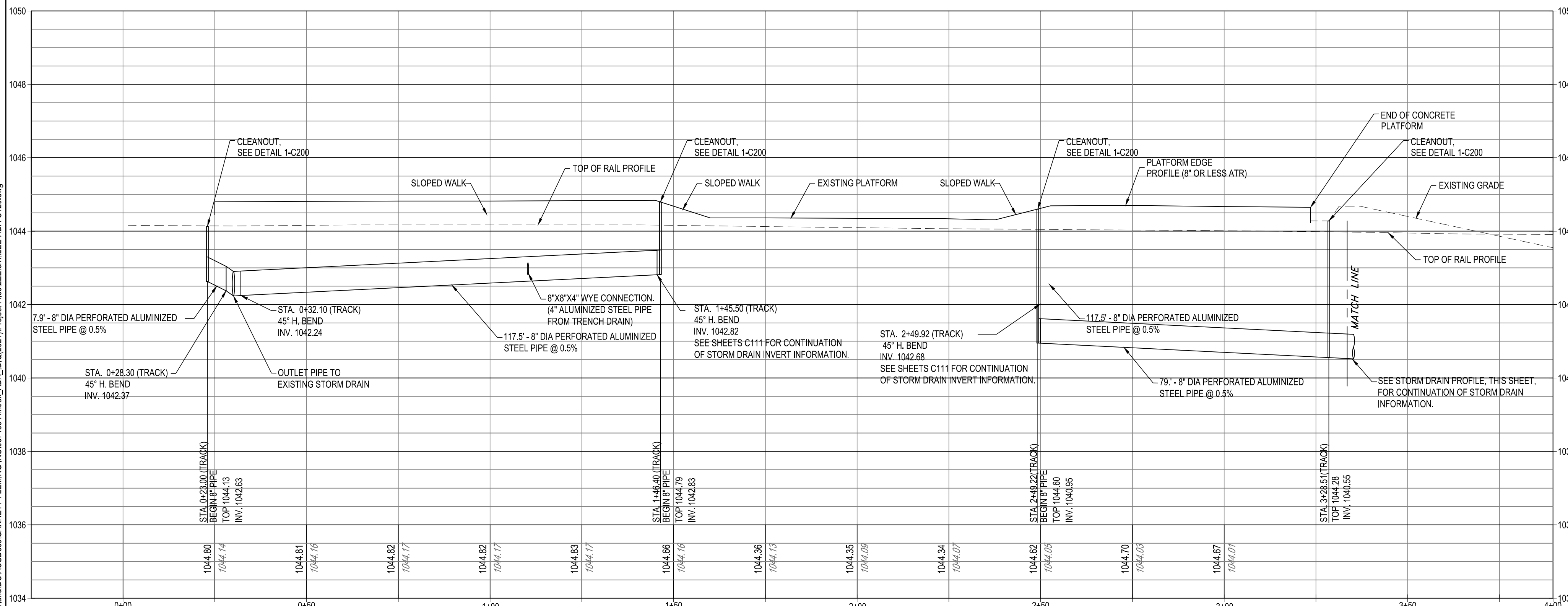
1. PROVIDE ADA COMPLIANT SLOPED WALKWAYS AND NEW CONCRETE PLATFORM, AS SHOWN ON PLAN.
2. CONTRACTOR TO CONFIRM EXISTING TOP OF RAIL ELEVATIONS.
3. SLOPES SHOWN ALONG PLATFORM ARE TAKEN AT INTERVALS BETWEEN SPOT ELEVATIONS. PLATFORM LONGITUDINAL SLOPES FOLLOW THE EXISTING TOP OF RAIL ELEVATIONS AND COULD ONLY BE DETERMINED FROM SURVEY POINTS TAKEN ALONG TOP OF RAIL.

LEGEND:

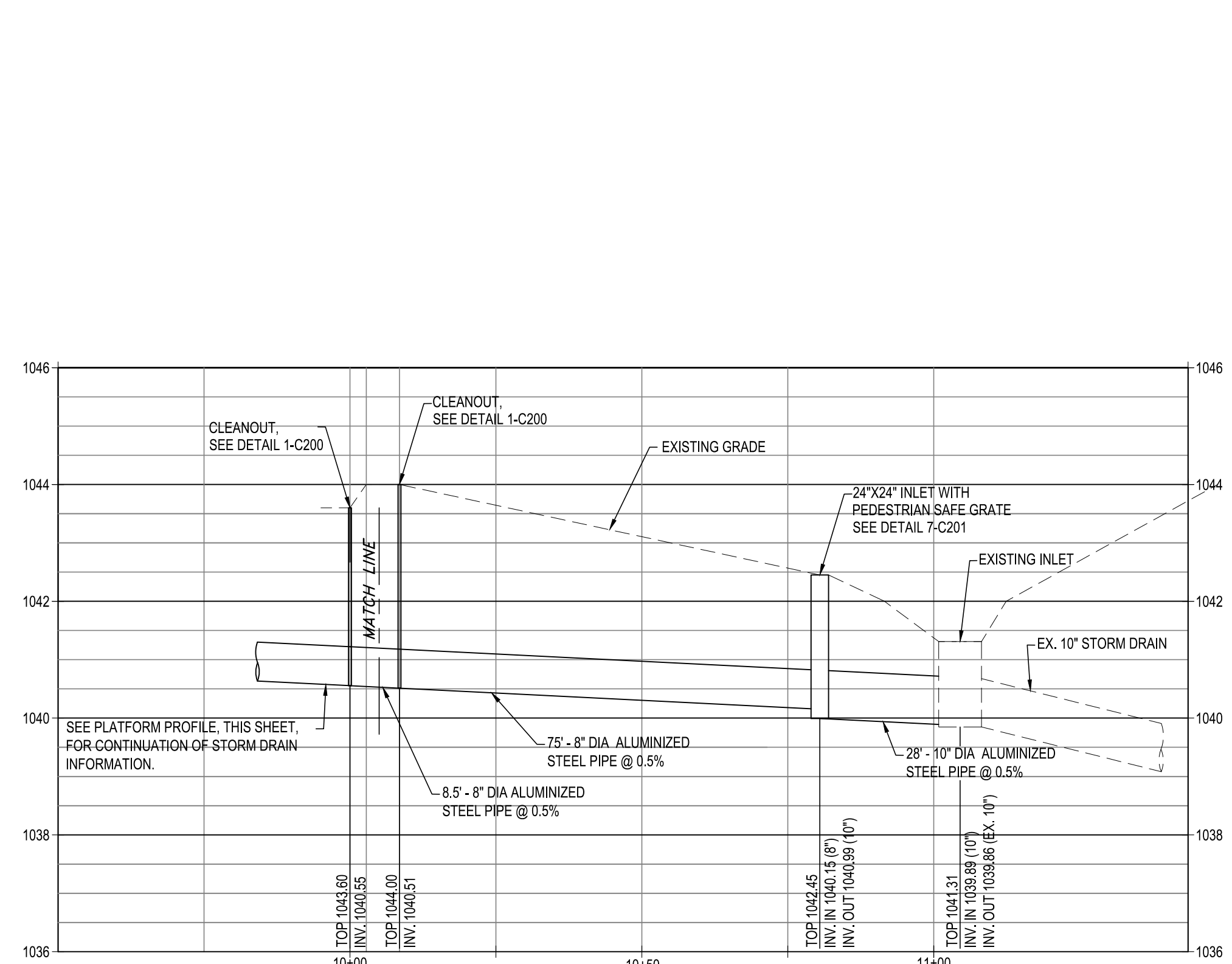
- CONCRETE PAVING
 - DETECTABLE WARNING STRIP
 - STAMPED CONCRETE
 - CONCRETE BAND
 - BRICK PAVERS
 - BALLAST
 - LAWN
 - ADA RAMP OR SLOPED WALKWAY
 - PROPERTY LINE
 - RIGHT OF WAY LINE
- SEE C000 FOR EXISTING AND PROPOSED DRAWING SYMBOLS.



1 PLATFORM PLAN
SCALE: 1"=20'



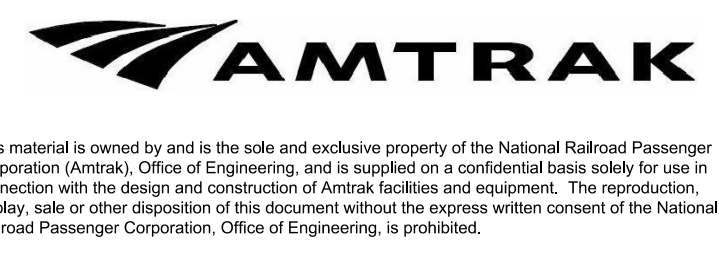
2 PLATFORM-PROFILE
SCALE: 1"=20'



3 STORM DRAIN-PROFILE
SCALE: 1"=20'

Local File: C:\Users\mcfarland\OneDrive\GANNETT FLEMING\NC\08735-Amtrak_ADA_ID\0323\1\Project Files\Lee\Lee\ADA-C120.dwg
 Central File: C:\Users\mcfarland\OneDrive\GANNETT FLEMING\NC\08735-Amtrak_ADA_ID\0323\1\Project Files\Lee\Lee\ADA-C120.dwg
 Project Number: 67435
 8/22/2023 1:22:21 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



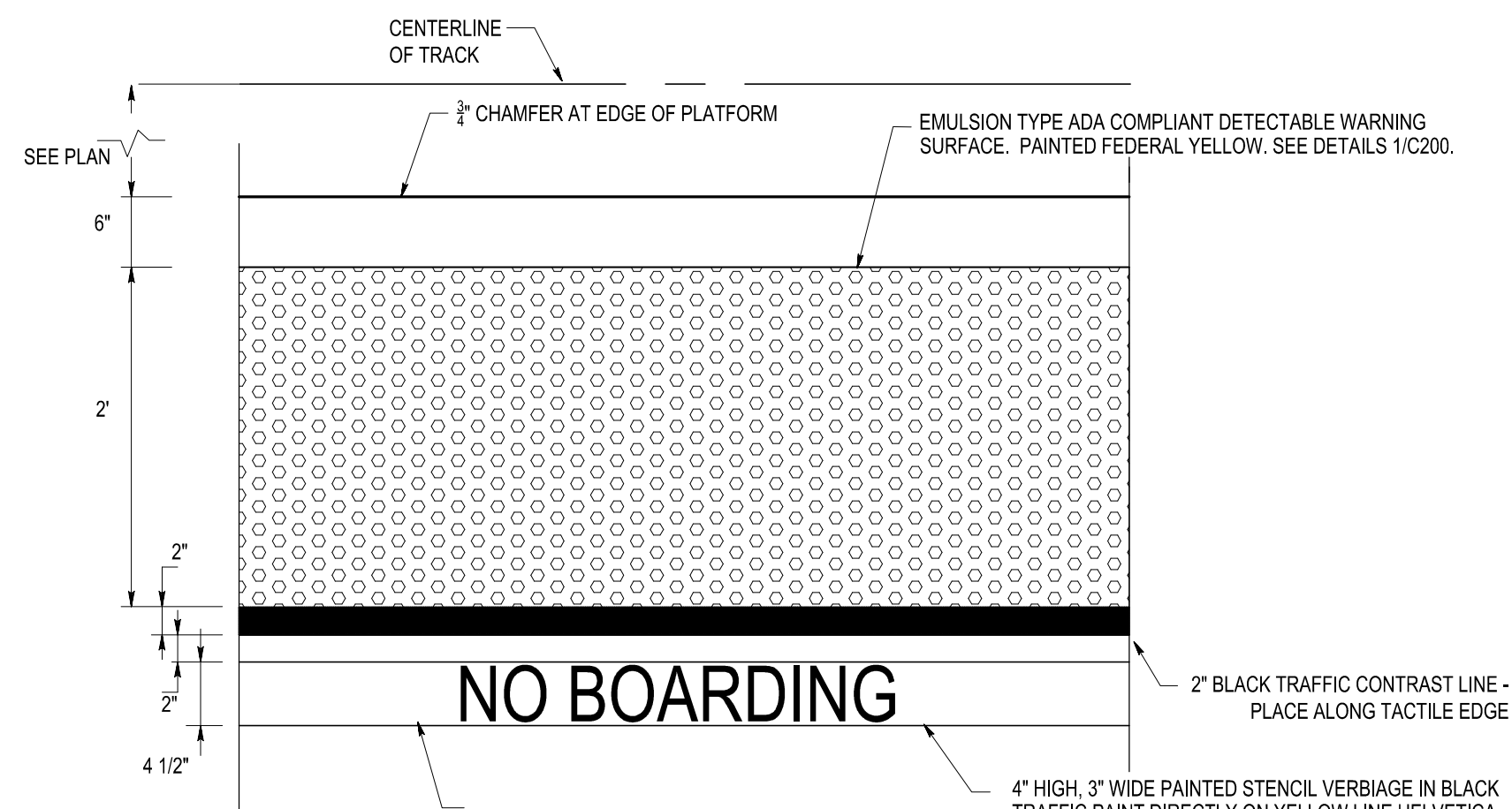
Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



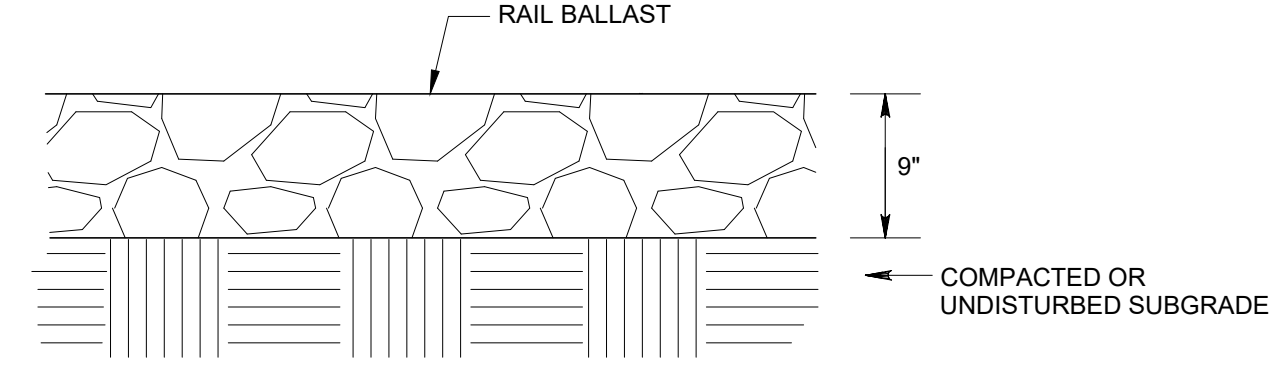
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
Project Code:	67435	WBS:	C.EN.100984.0131
Sheet No.	10 OF 41	Sheet No.	10 OF 41
PLATFORM PLAN AND PROFILE			
Designed	TJR	Drawn	DBM
Checked	SME	Date	11/03/2023

C120

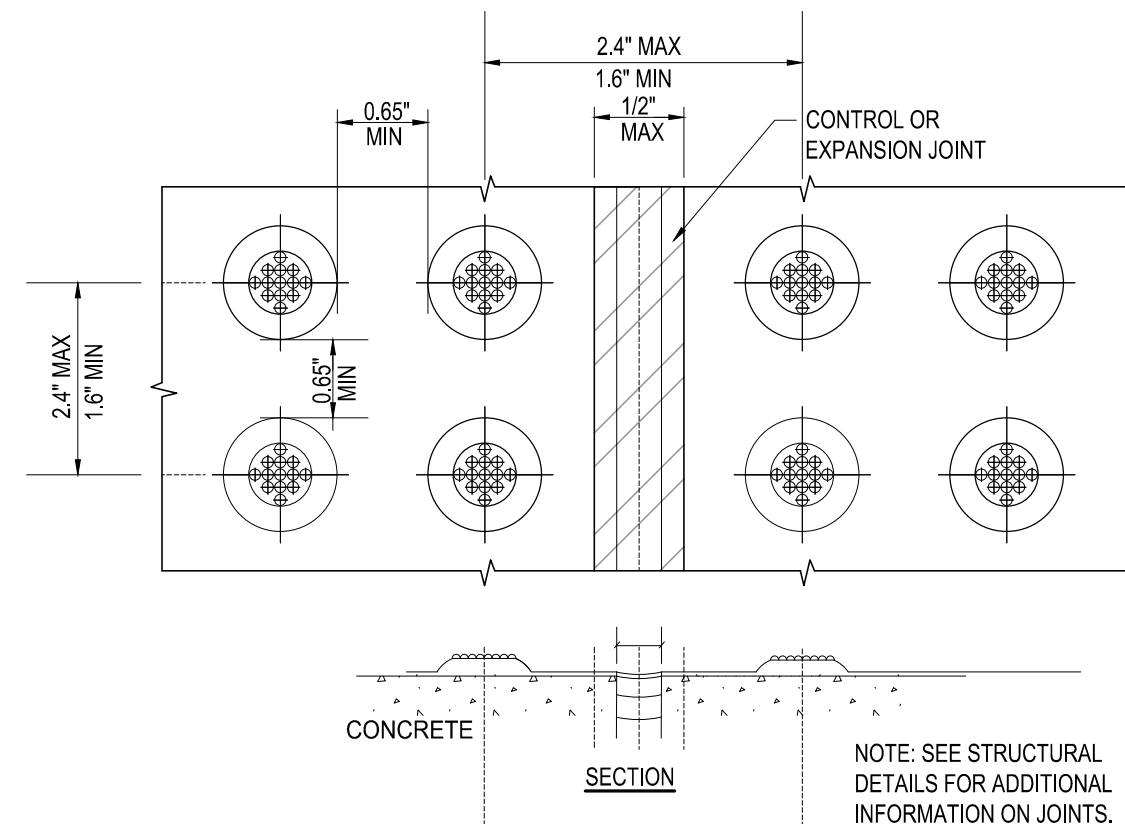


- NOTES:**
- PLATFORM MUST BE PRESSURE WASHED CLEAN PRIOR TO PAINTING, INCLUDING TACTILE.
 - BLACK AND YELLOW LINES MUST BE MASKED OR ANOTHER METHOD BE USED TO PREVENT PAINT OVERFLOW OR OVERSPRAY INTO UNWANTED AREAS, LINES MUST BE CLEAN, STRAIGHT, SHARP, AND PARALLEL WITH TACTILE.
 - FOLLOW ALL PAINT MANUFACTURER'S INSTALLATION AND PREPARATION GUIDELINES.
 - WHEN DETERMINING DISTANCE FOR THE INSIDE EDGE OF THE YELLOW LINE, TAKE MEASUREMENTS AT THREE DIFFERENT SPOTS FROM THE CENTER OF TRACK (ONE AT EACH END AND ONE IN THE MIDDLE). IF THE THREE MEASUREMENTS ARE NOT ALIGNED WITH THE TACTILE, USE THE FURTHEST MEASUREMENT AS A MINIMUM REQUIREMENT. PAINT YELLOW LINE PARALLEL WITH TACTILE AT THE FURTHEST POINT OF THE THREE MEASUREMENTS.
 - COORDINATE SPACING TO PREVENT CUTTING.
 - SEE MO DOT STANDARD SPECIFICATIONS, SECTION 620.20 FOR TRAFFIC ZONE PAINT TO BE USED ON SLOPED WALKWAY, NO GLASS BEADS.

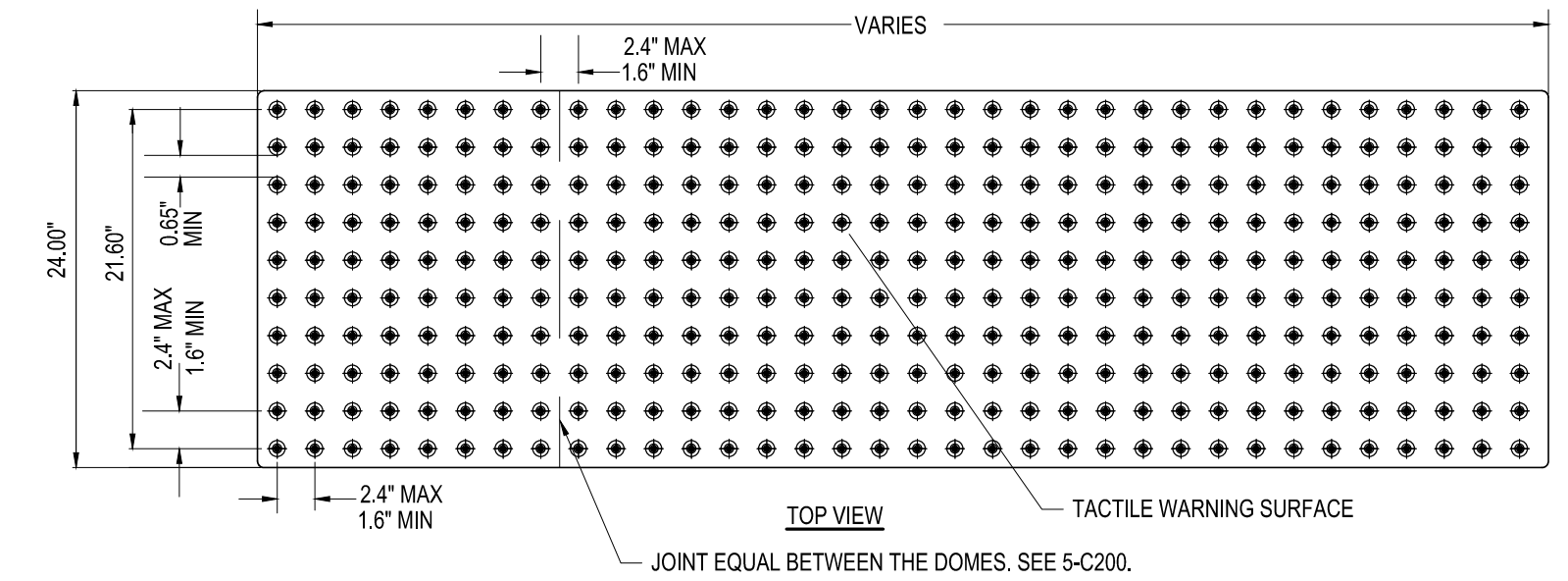
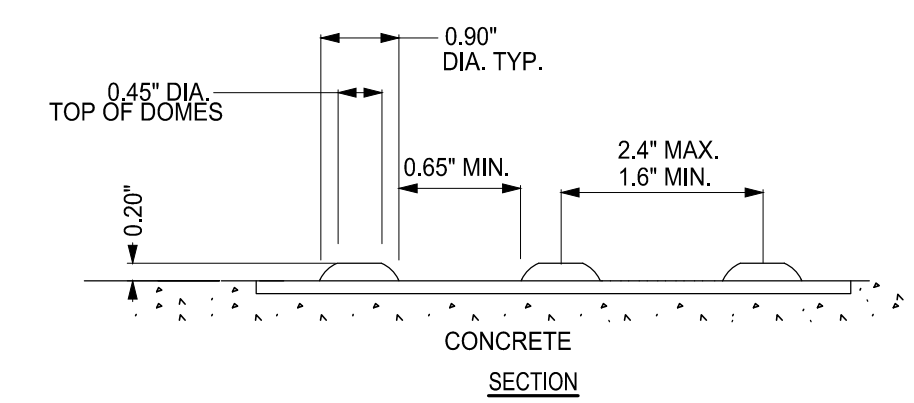
8 NO BOARDING MARKING DETAIL
SCALE: 1"=1'



8 RAIL BALLAST
SCALE: 1"=1'

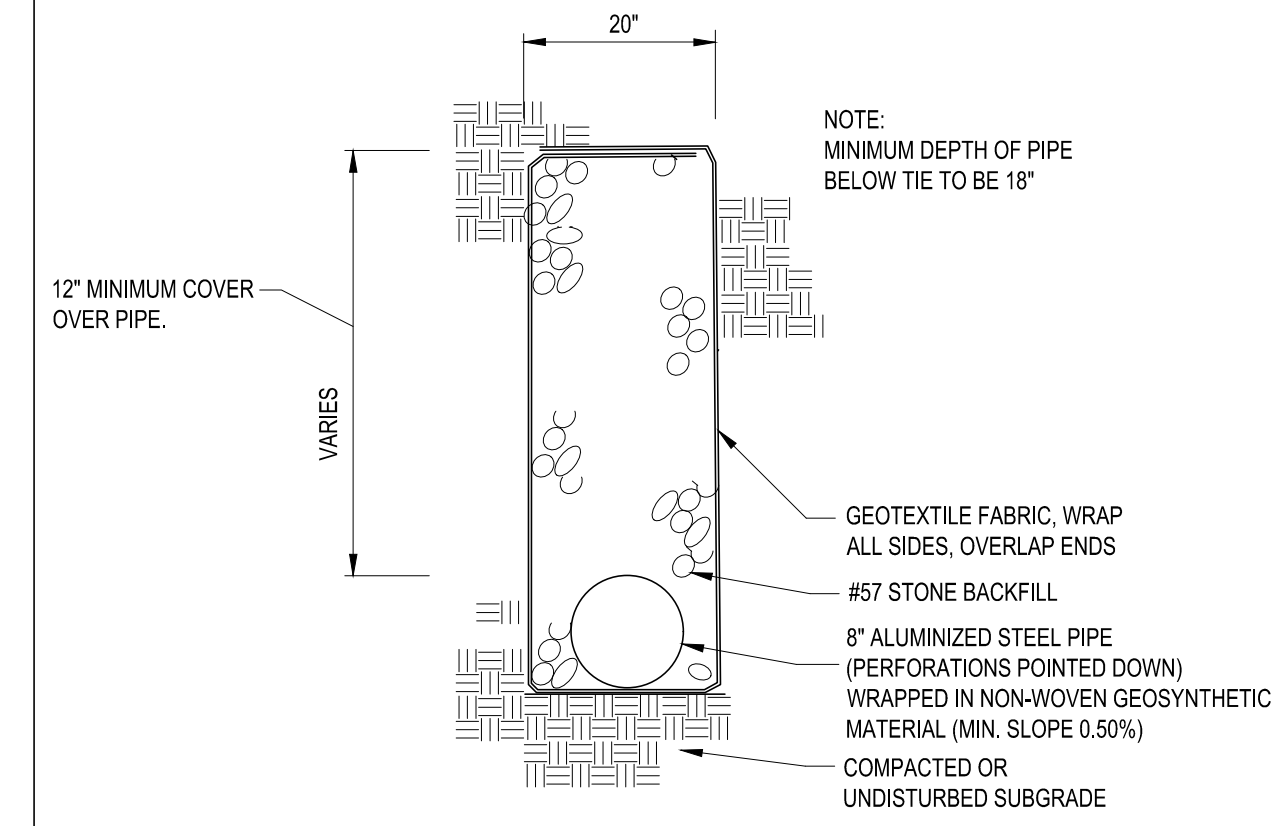


7 DOME SPACING
SCALE: NTS

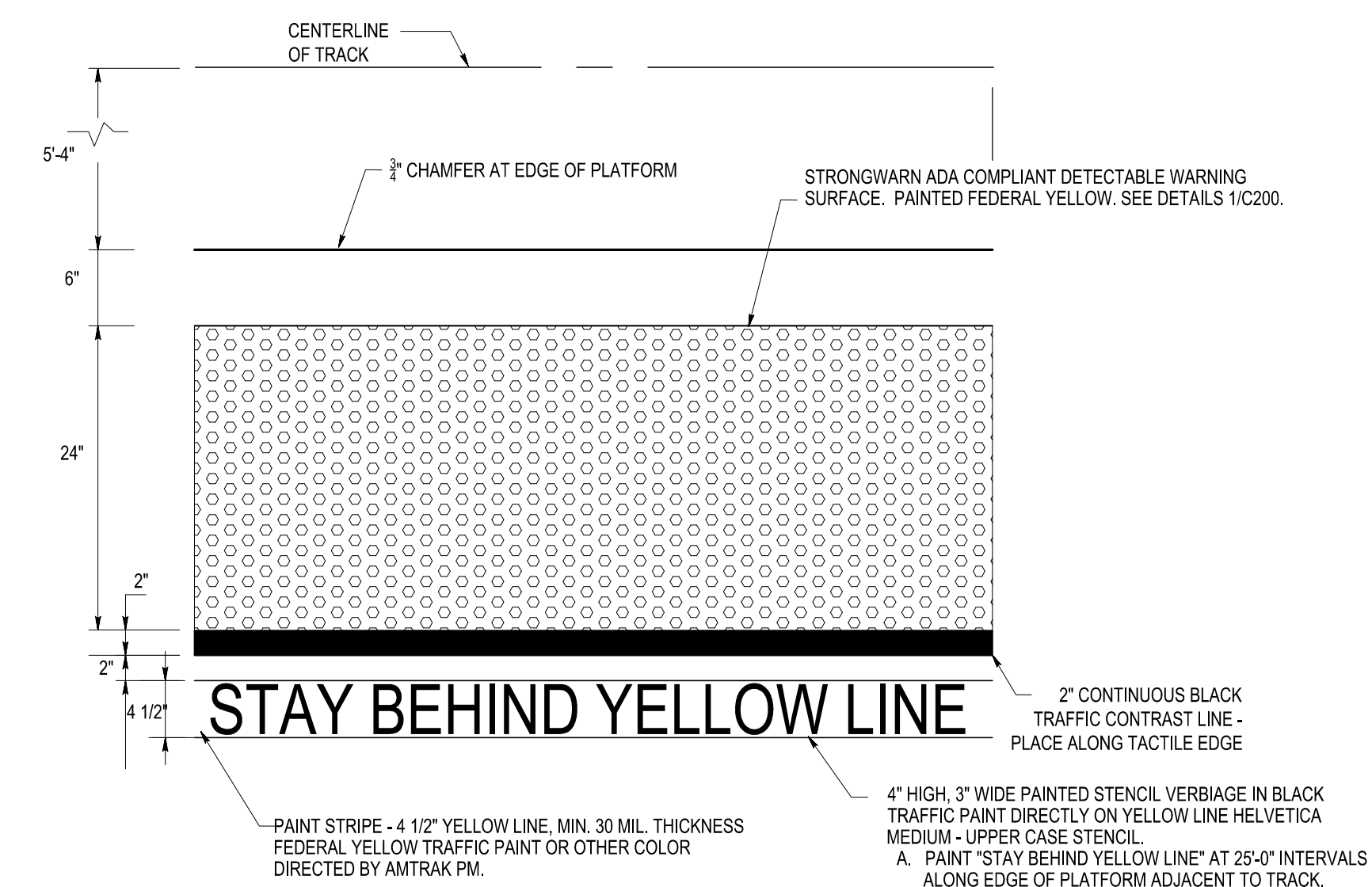


- NOTES:**
- PROVIDE COMPLIANT DOME SIZE AND SPACING PER DOT'S 705. COMPLIANT SPACING MUST BE MAINTAINED ALONG ANY GAPS, CONTROL JOINTS AND EXPANSION JOINTS.
 - PROVIDE CUSTOM MOLDS AS REQUIRED TO ACCOMMODATE ANY GAPS, CONTROL JOINTS AND EXPANSION JOINTS.
 - STRONGWARN ADA COMPLIANT DWS (OR EQUAL). SUBSTITUTIONS MUST BE SUBMITTED TO AND REVIEWED BY THE DESIGNER OF RECORD FOR APPROVAL.

6 ADA COMPLIANT DETECTABLE WARNING SURFACE
SCALE: 1"=1'

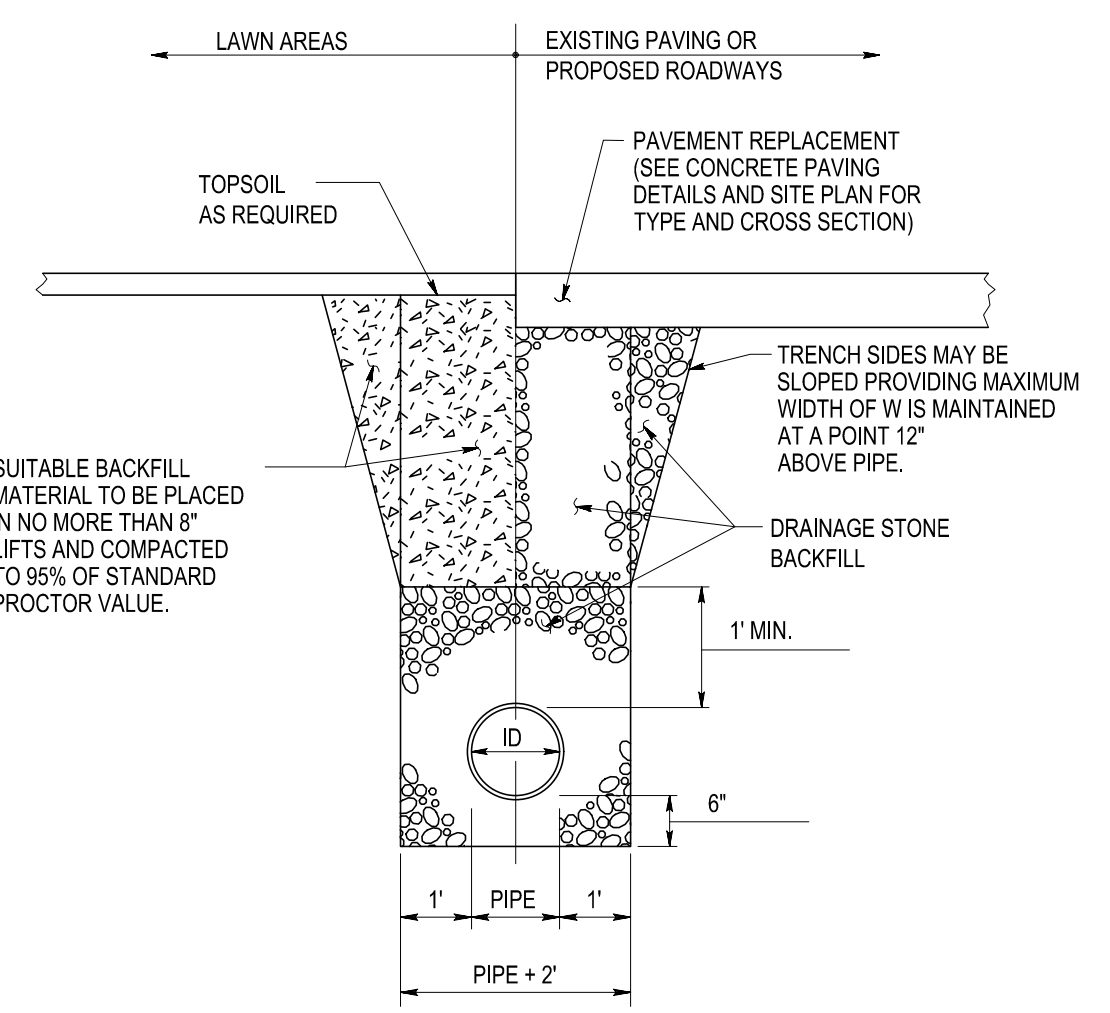


5 UNDERDRAIN DETAIL
SCALE: 1"=1'

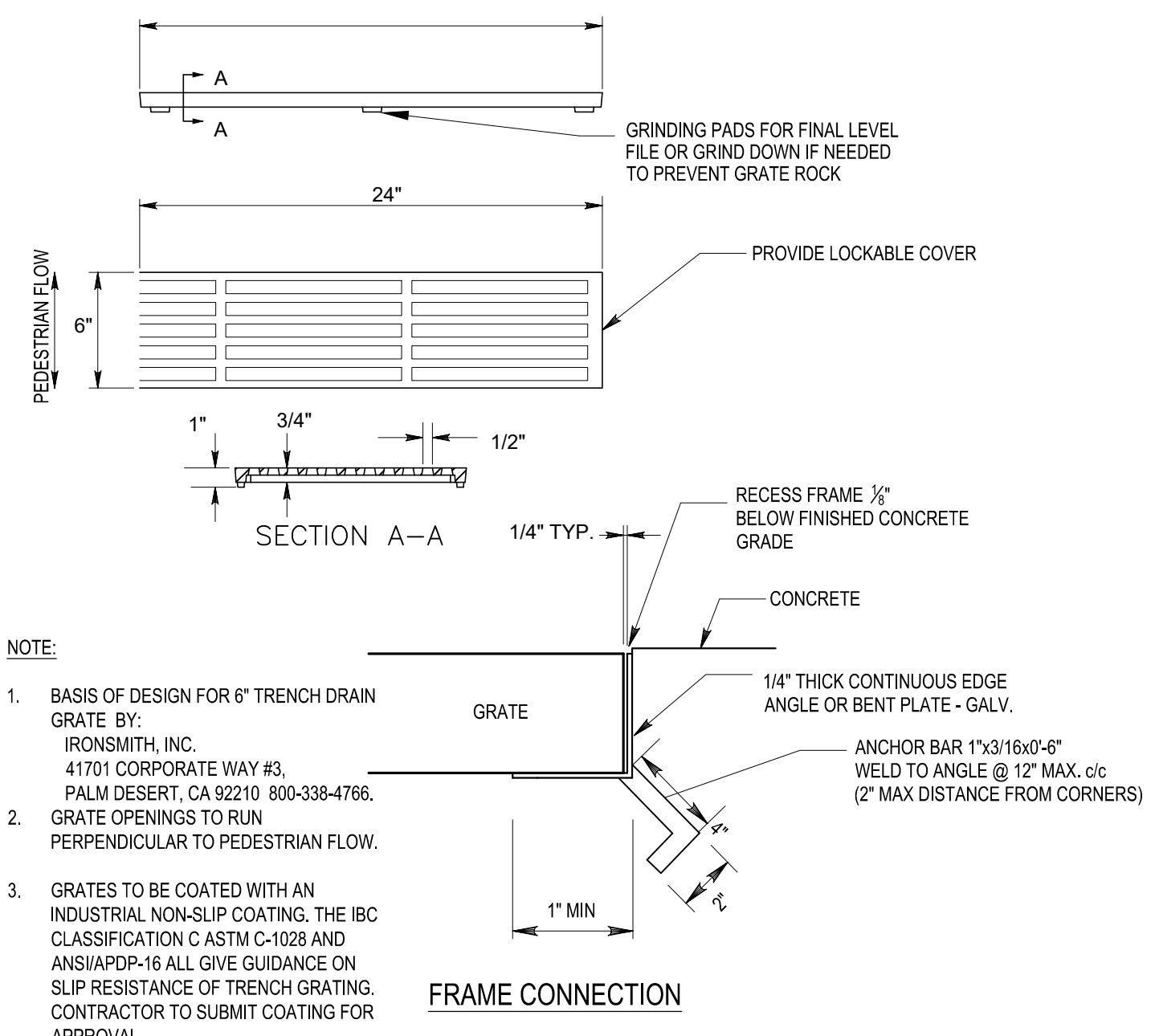


- NOTES:**
- PLATFORM MUST BE PRESSURE WASHED CLEAN PRIOR TO PAINTING, INCLUDING TACTILE.
 - BLACK AND YELLOW LINES MUST BE MASKED OR ANOTHER METHOD BE USED TO PREVENT PAINT OVERFLOW OR OVERSPRAY INTO UNWANTED AREAS, LINES MUST BE CLEAN, STRAIGHT, SHARP, AND PARALLEL WITH TACTILE.
 - FOLLOW ALL PAINT MANUFACTURER'S INSTALLATION AND PREPARATION GUIDELINES.
 - WHEN DETERMINING DISTANCE FOR THE INSIDE EDGE OF THE YELLOW LINE, TAKE MEASUREMENTS AT THREE DIFFERENT SPOTS FROM THE CENTER OF TRACK (ONE AT EACH END AND ONE IN THE MIDDLE). IF THE THREE MEASUREMENTS ARE NOT ALIGNED WITH THE TACTILE, USE THE FURTHEST MEASUREMENT AS A MINIMUM REQUIREMENT. PAINT YELLOW LINE PARALLEL WITH TACTILE AT THE FURTHEST POINT OF THE THREE MEASUREMENTS.
 - COORDINATE SPACING TO PREVENT CUTTING.
 - STRONGWARN ADA COMPLIANT DETECTABLE WARNING SURFACE (OR EQUAL). CONTRACTOR TO COORDINATE WITH THE MANUFACTURER.
 - SEE MO DOT STANDARD SPECIFICATIONS, SECTION 620.20 FOR TRAFFIC ZONE PAINT TO BE USED ON PLATFORM, NO GLASS BEADS.

4 PLATFORM MARKING DETAIL
SCALE: 1"=1'

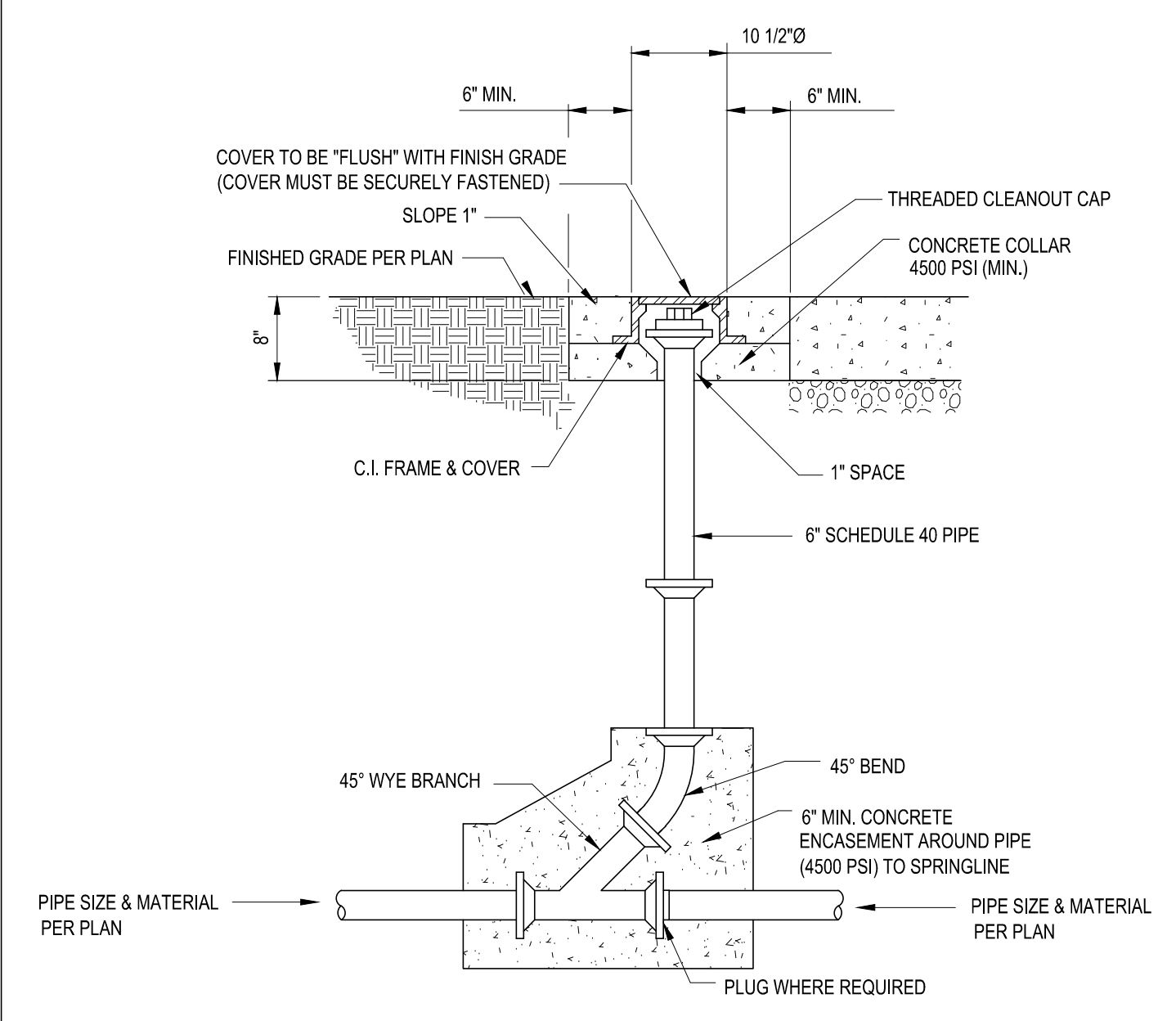


3 TYPICAL TRENCH DETAIL FOR STORM PIPE UNDER OPEN AREAS AND ROADWAYS
SCALE: NOT TO SCALE



- NOTE:**
- BASIS OF DESIGN FOR 6" TRENCH DRAIN GRATE BY: IRONSMITH, INC. 41701 CORPORATE WAY #3, PALM DESERT, CA 92210 800-338-4766.
 - GRATE OPENINGS TO RUN PERPENDICULAR TO PEDESTRIAN FLOW.
 - GRATES TO BE COATED WITH AN INDUSTRIAL NON-SLIP COATING, THE IBC CLASSIFICATION C ASTM C-1028 AND ANS/APDP-16 ALL GIVE GUIDANCE ON SLIP RESISTANCE OF TRENCH GRATING. CONTRACTOR TO SUBMIT COATING FOR APPROVAL.

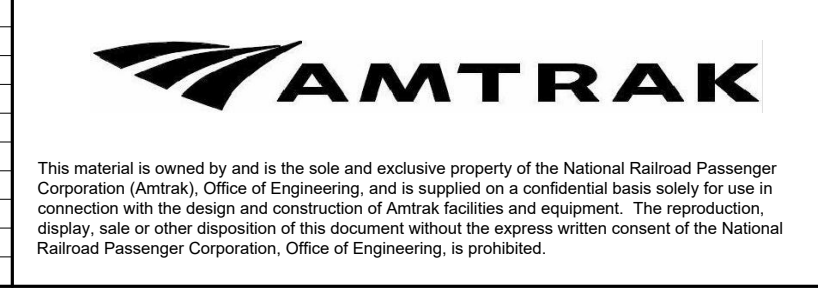
2 ACCESSIBLE TRENCH DRAIN COVER
SCALE: NOT TO SCALE



1 CLEANOUT DETAIL
SCALE: NOT TO SCALE

Local File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC\08745-Amtrak_ADA_ID\032021\Project Files\Lee\ADA-C200_dfs.dwg
 Central File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC\08745-Amtrak_ADA_ID\032021\Project Files\Lee\ADA-C200_dfs.dwg
 Project Number: 08745
 6/16/2024 3:17:00 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



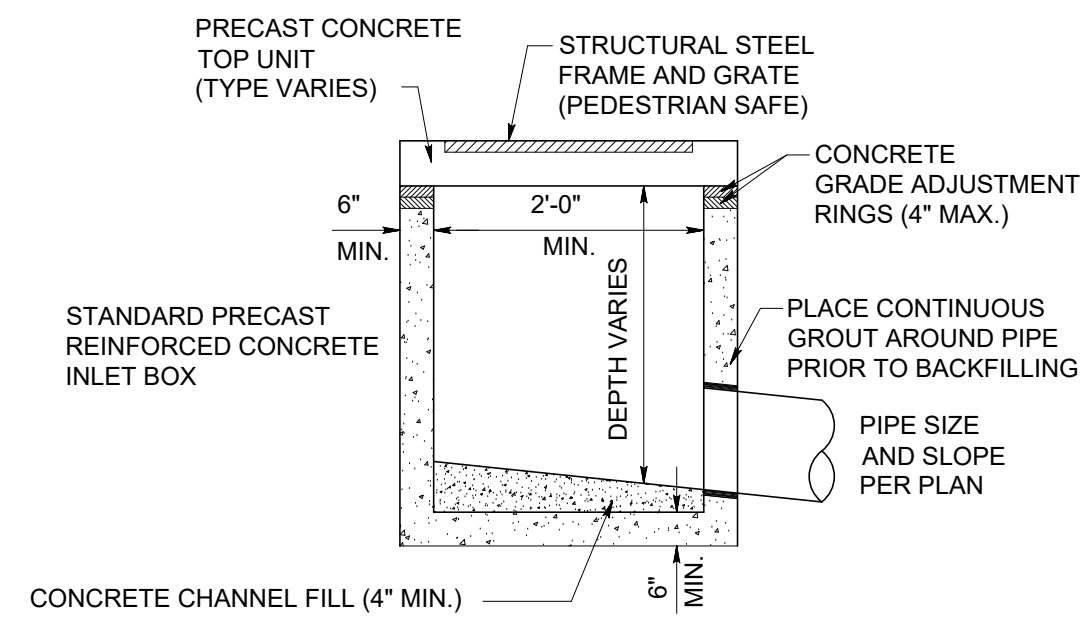
Office of ADA Stations Program

National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date

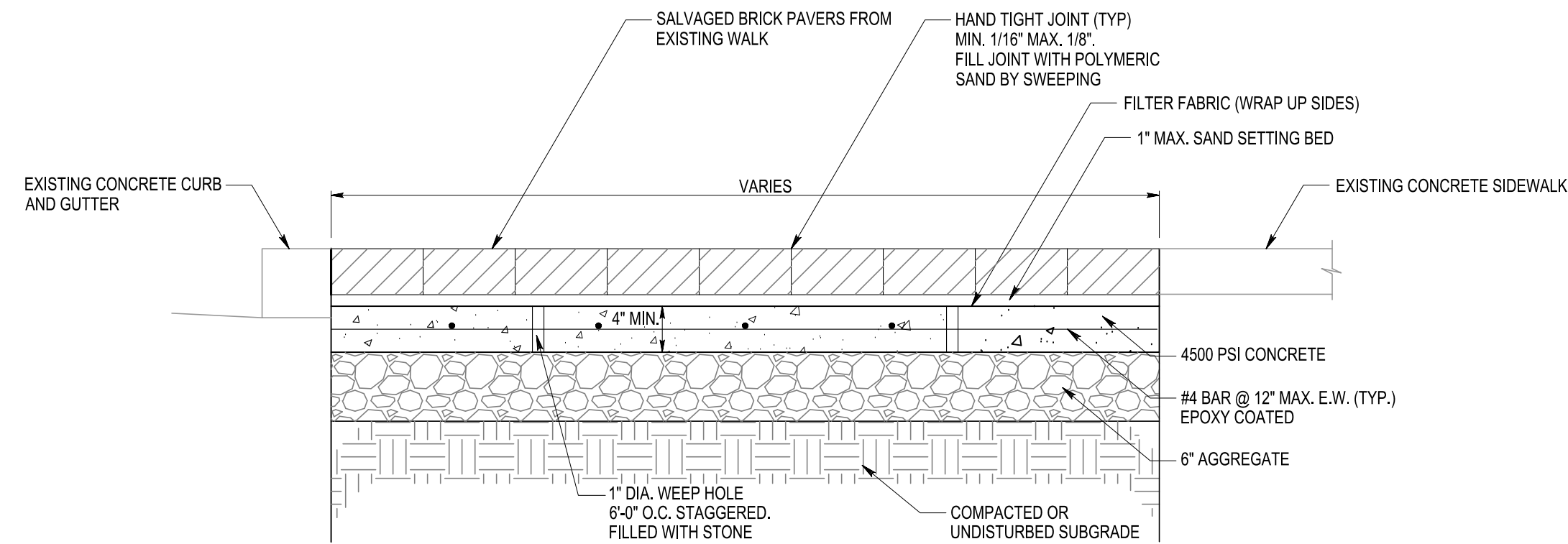


LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		Project Code: 67435
MISSOURI		WBS: C.EN.100694.0131
DETAILS		Sheet No. 11 OF 41
Designed: TJR	Drawn: DBM	Checked: SME
Date: 11/03/2023		Dwg. No.: C200

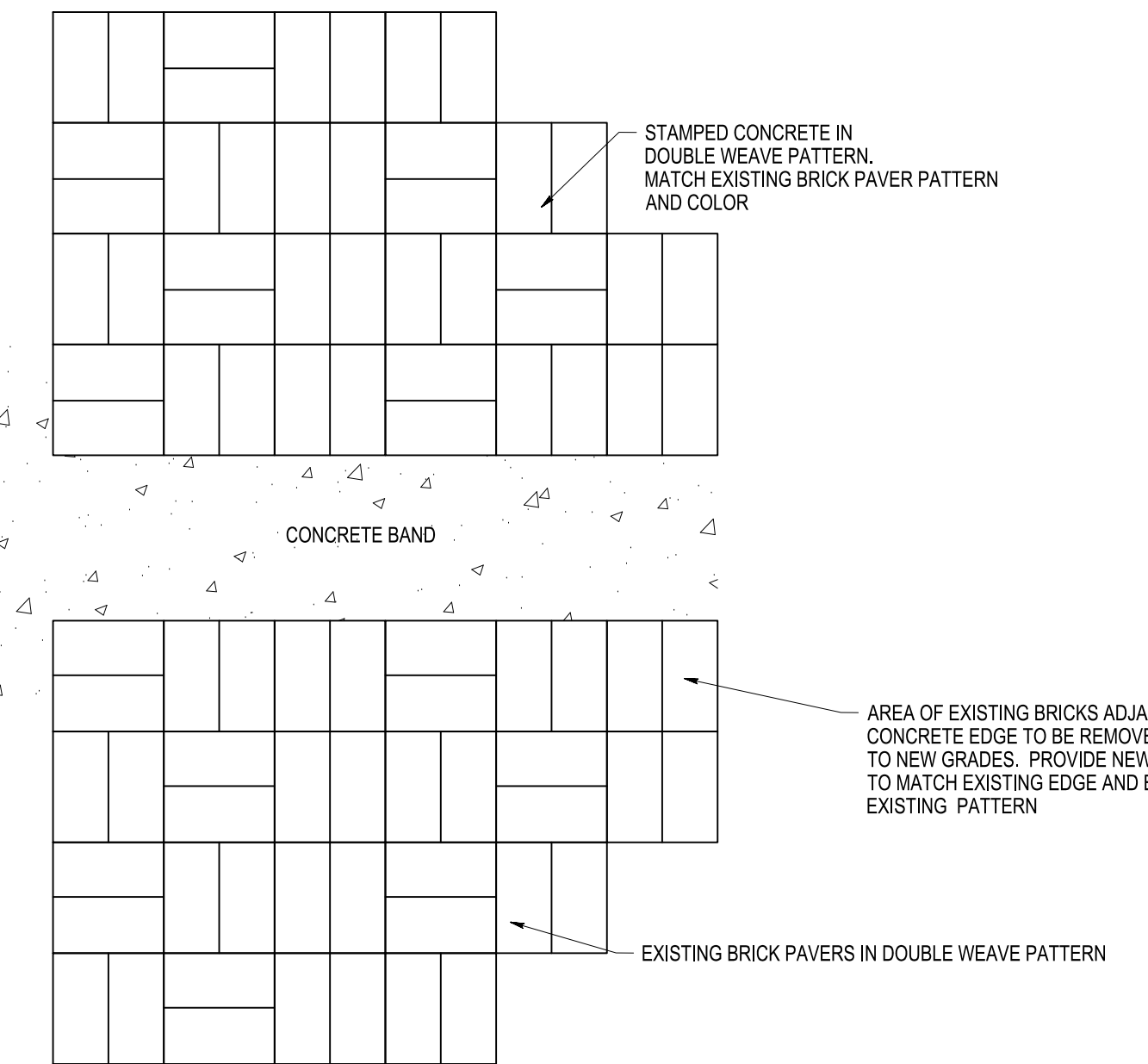


NOTES:
 1. CONSTRUCT IN ACCORDANCE WITH MODOT.
 2. PROVIDE ALUMINUM STEPS IN INLETS OVER 5\"/>

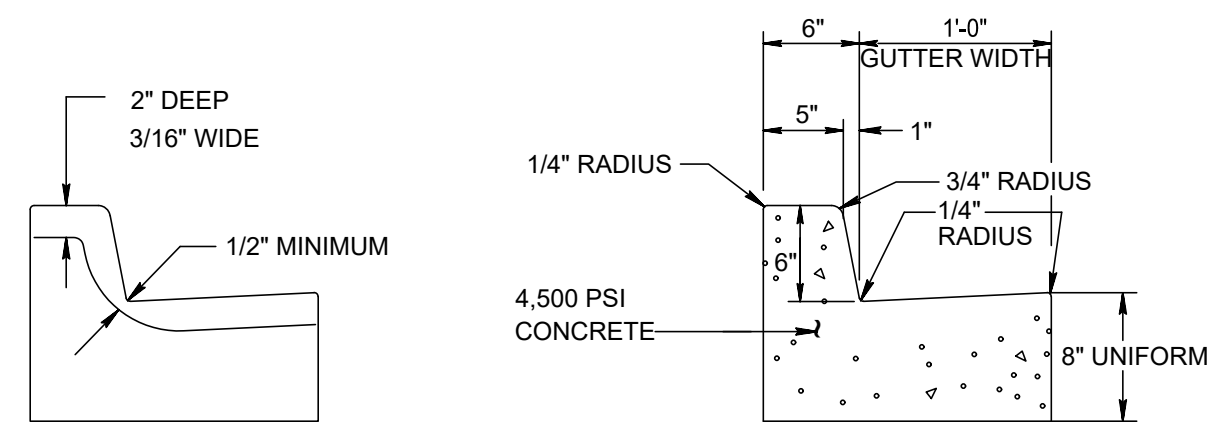
7 INLET BOX DETAIL
 C201 SCALE: NOT TO SCALE



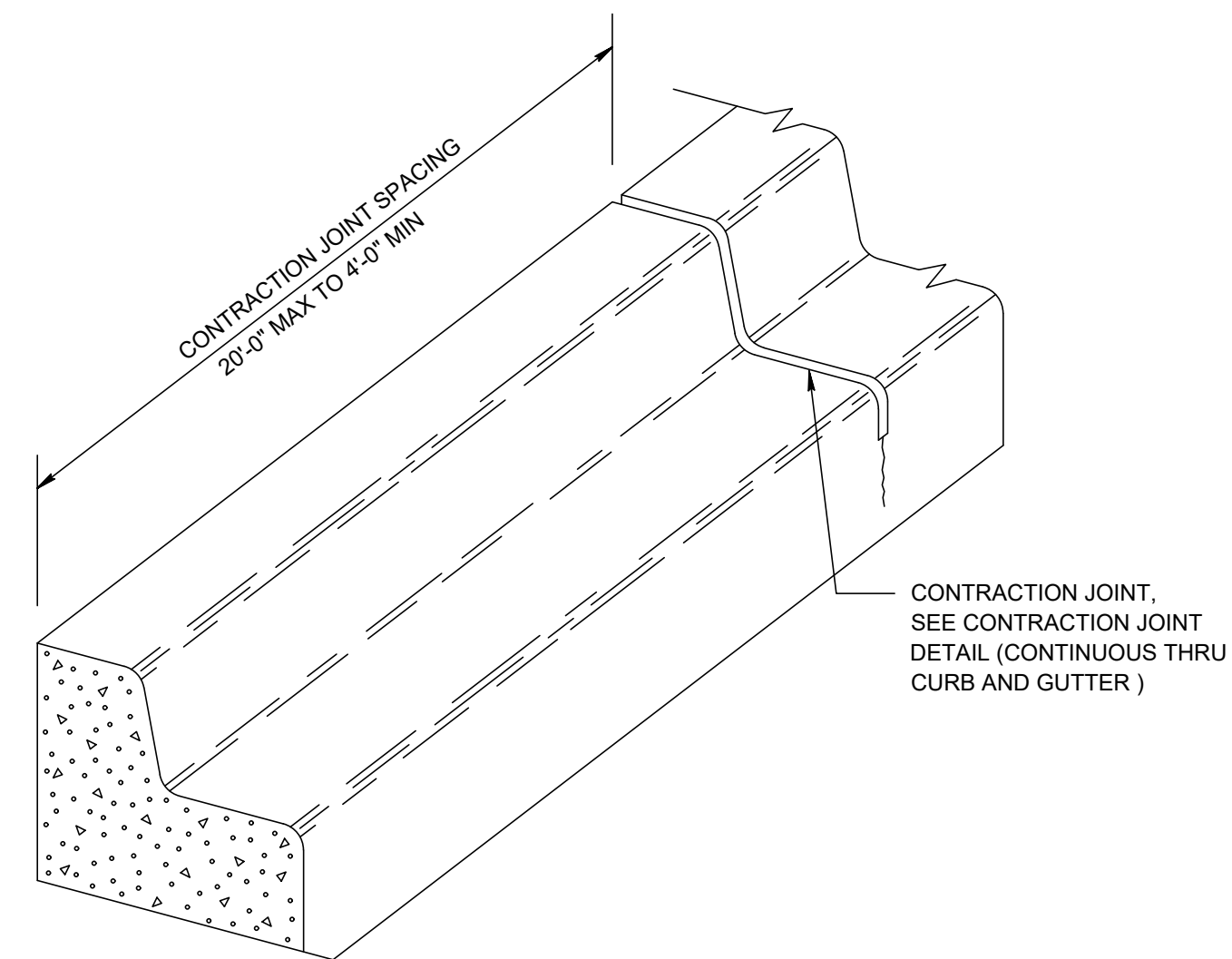
6 BRICK PAVER INFILL
 C201 SCALE: 1"=1'



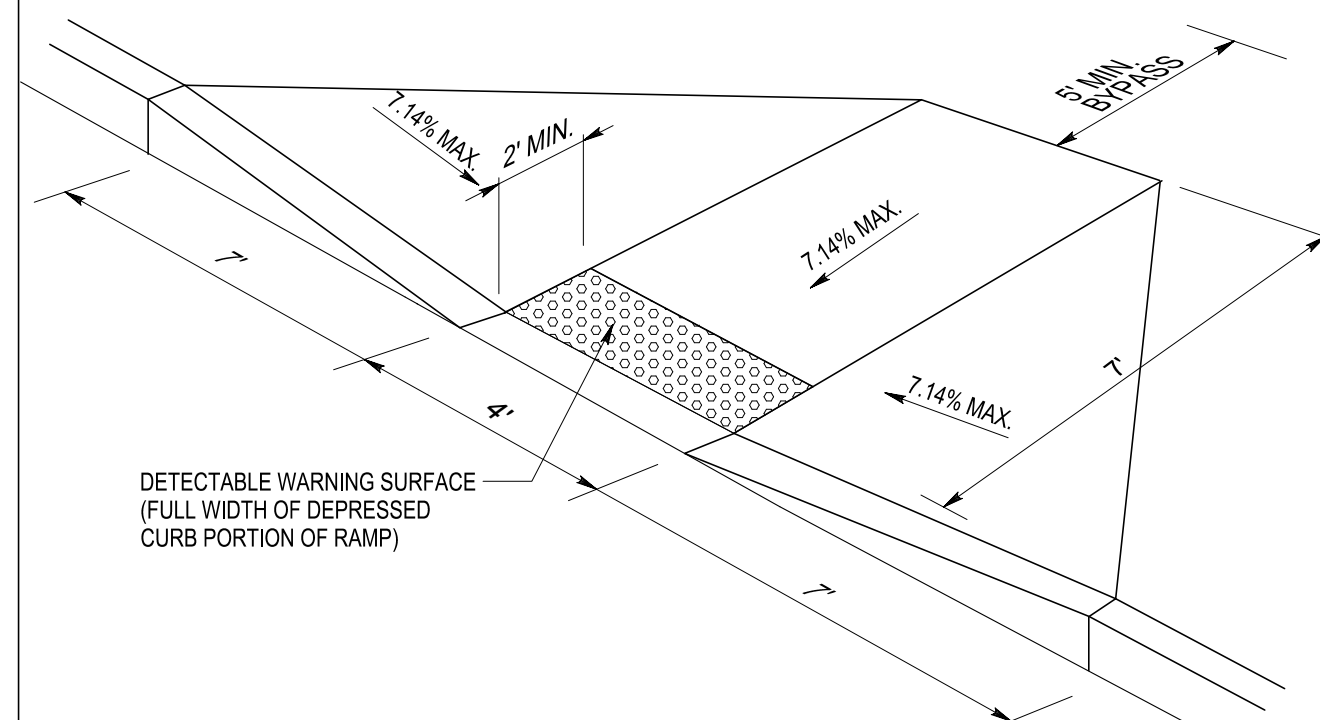
5 STAMPED CONCRETE WALK PAVING PATTERN
 C201 SCALE: 1"=1'



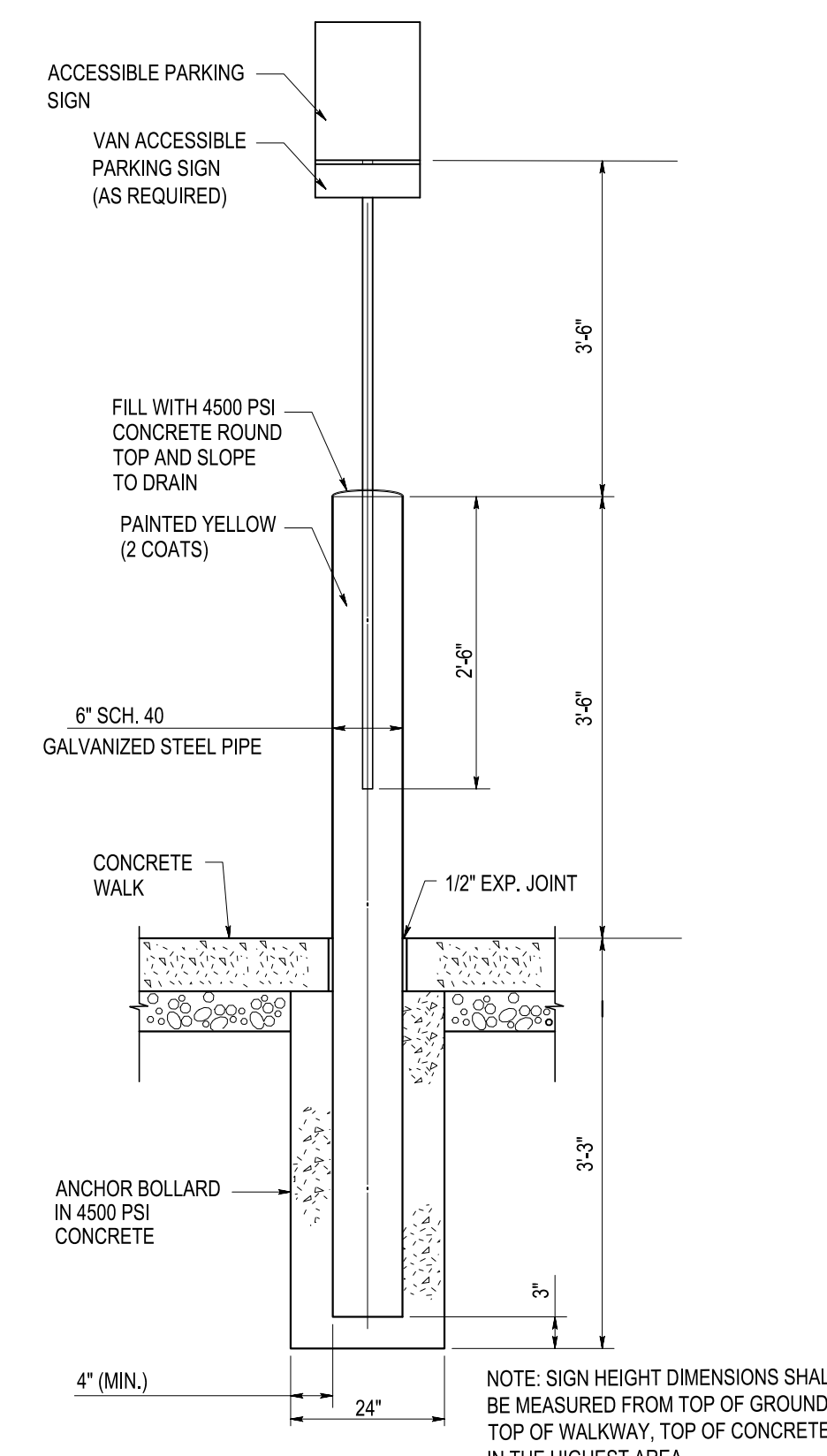
CONTRACTION JOINT DETAIL TYPICAL CROSS SECTION



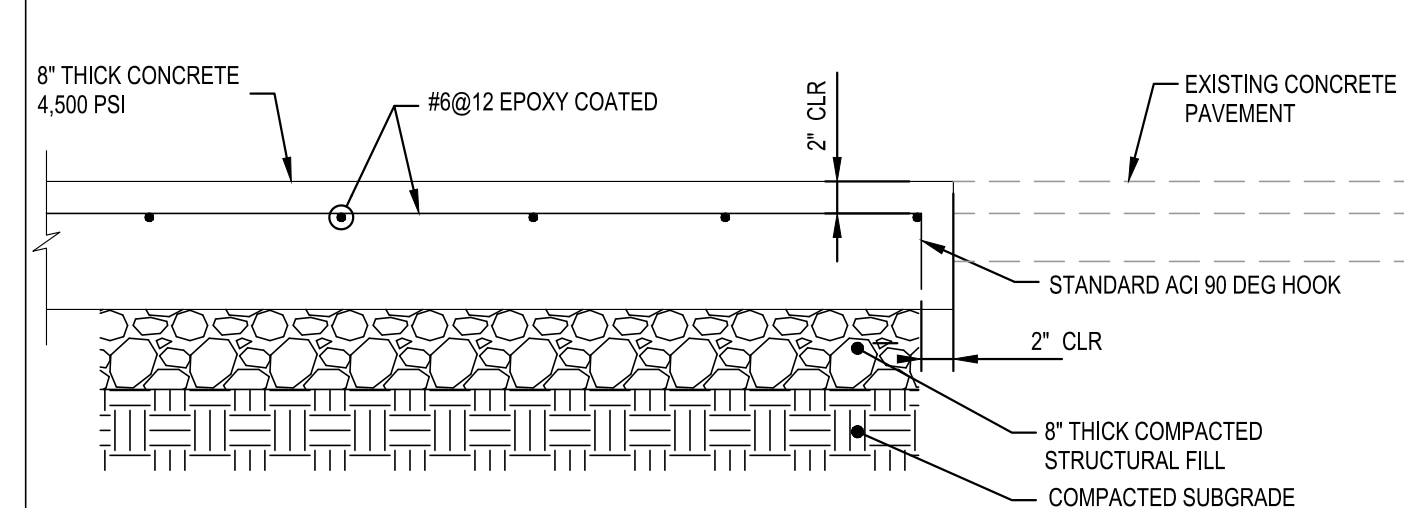
4 CONCRETE STRAIGHT CURB AND GUTTER DETAIL
 C201 SCALE: 1"=1'



3 ADA COMPLIANT CURB RAMP DETAIL
 C201 SCALE: NOT TO SCALE



2 ACCESSIBLE PARKING SIGN ON PERMANENT BOLLARD
 C201 SCALE: NOT TO SCALE



1 CONCRETE PAVING DETAIL
 C201 SCALE: NOT TO SCALE

NOTES:
 1. 8\"/>

Local File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC\06735-Amtrak_ADA_ID\032023\1\Project Files\Lee\Lee\ADA-C201_dbs.dwg
 Central File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC\06735-Amtrak_ADA_ID\032023\1\Project Files\Lee\Lee\ADA-C201_dbs.dwg
 Project Number: 06735
 6/16/2022 2:17:00 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of ADA Stations Program

National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

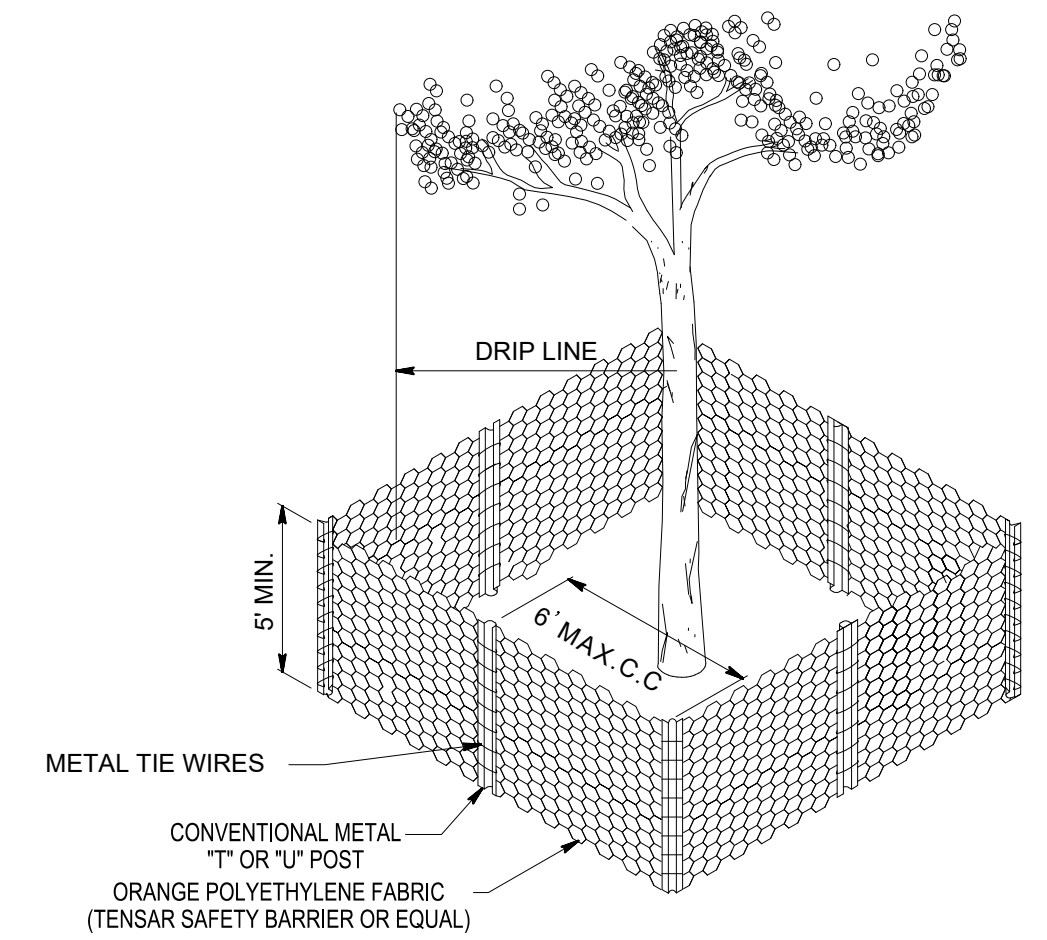
Approved	Date



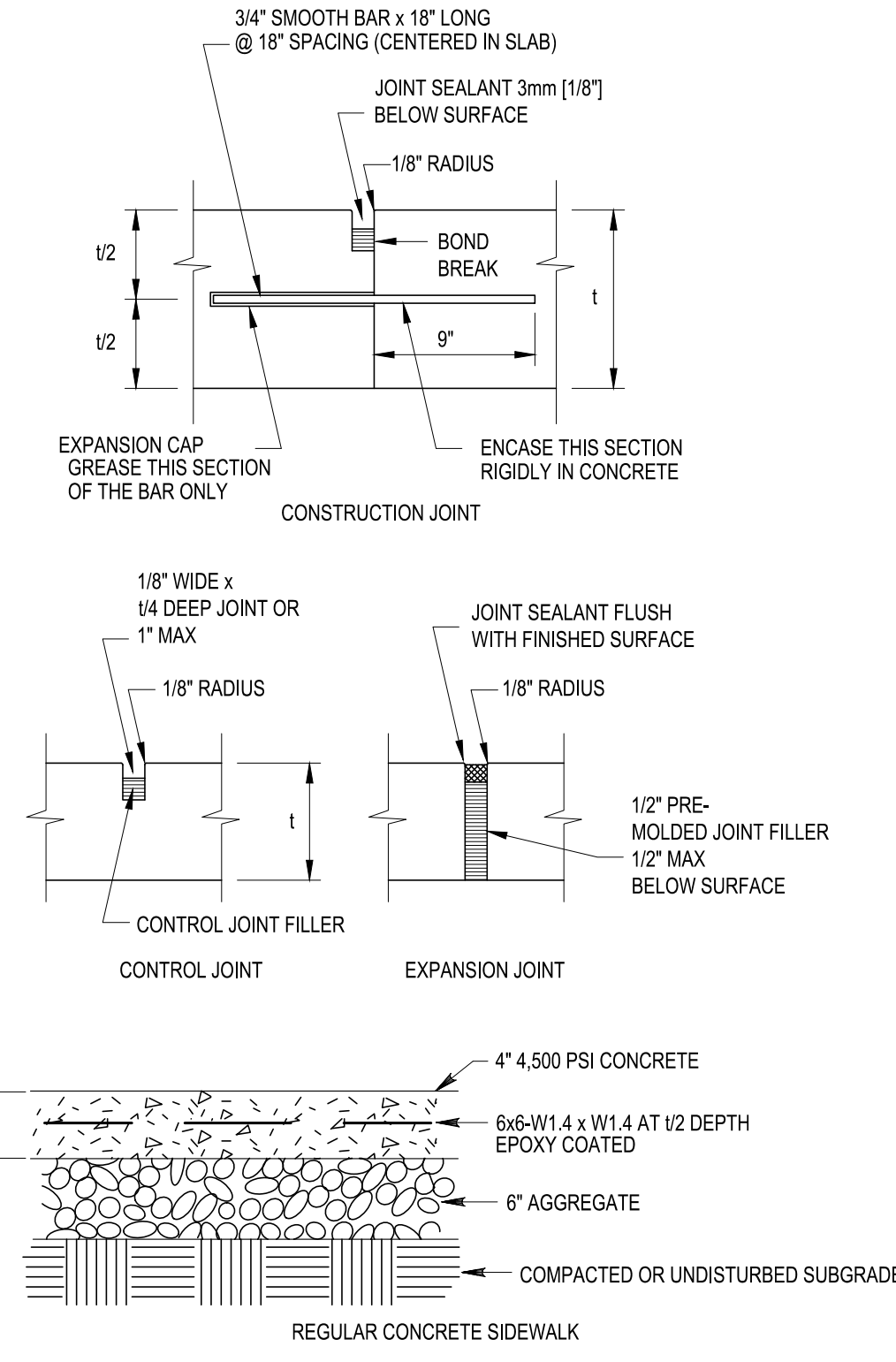
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)

DESIGNED: TJR DRAWN: DBM CHECKED: SME DATE: 11/03/2023

Project Code:	67435
WBS:	C.EN.100694.0131
Sheet No.	12 OF 41
Dwg. No.	C201

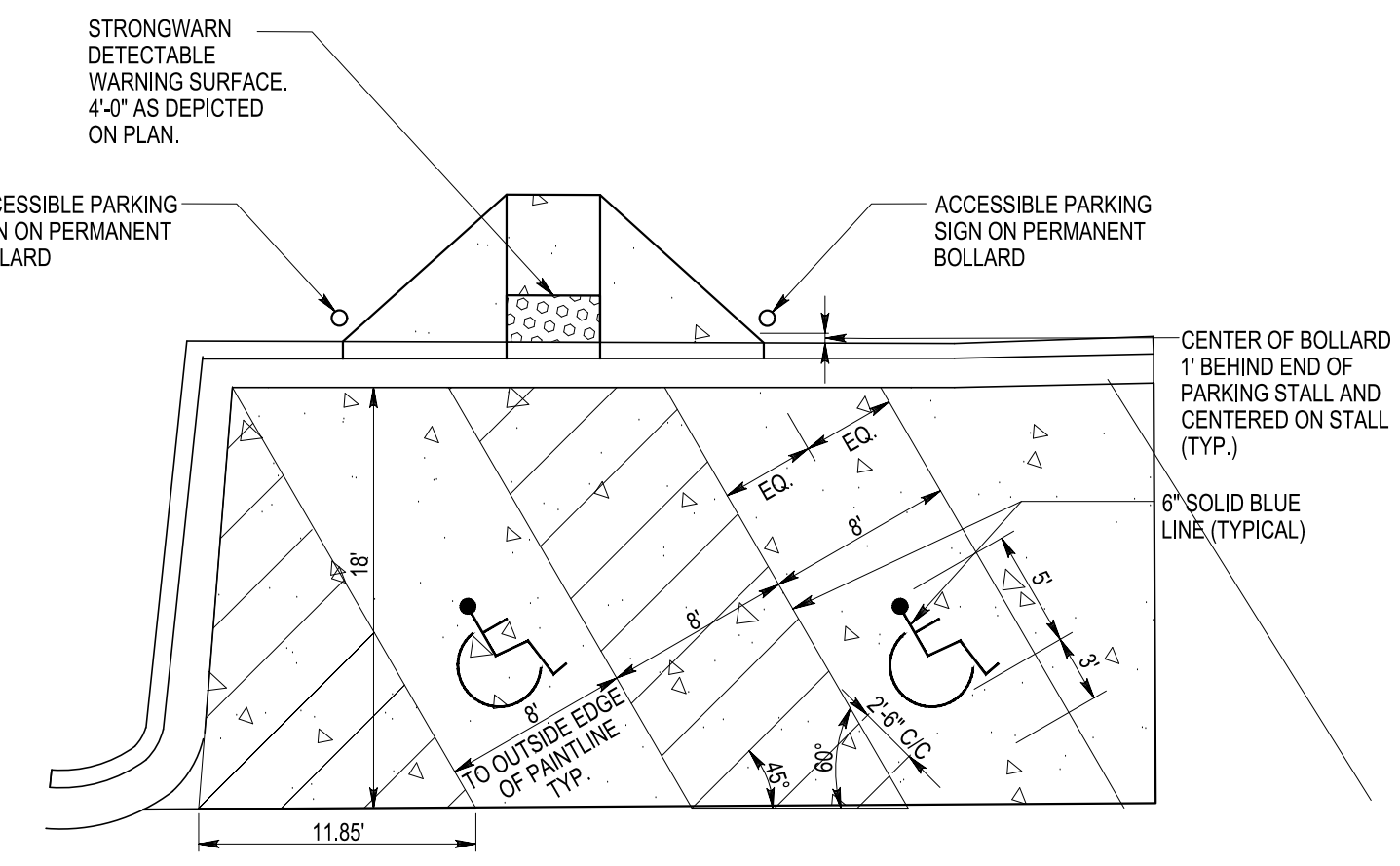


5 TREE PROTECTION FENCE DETAIL
SCALE: NOT TO SCALE



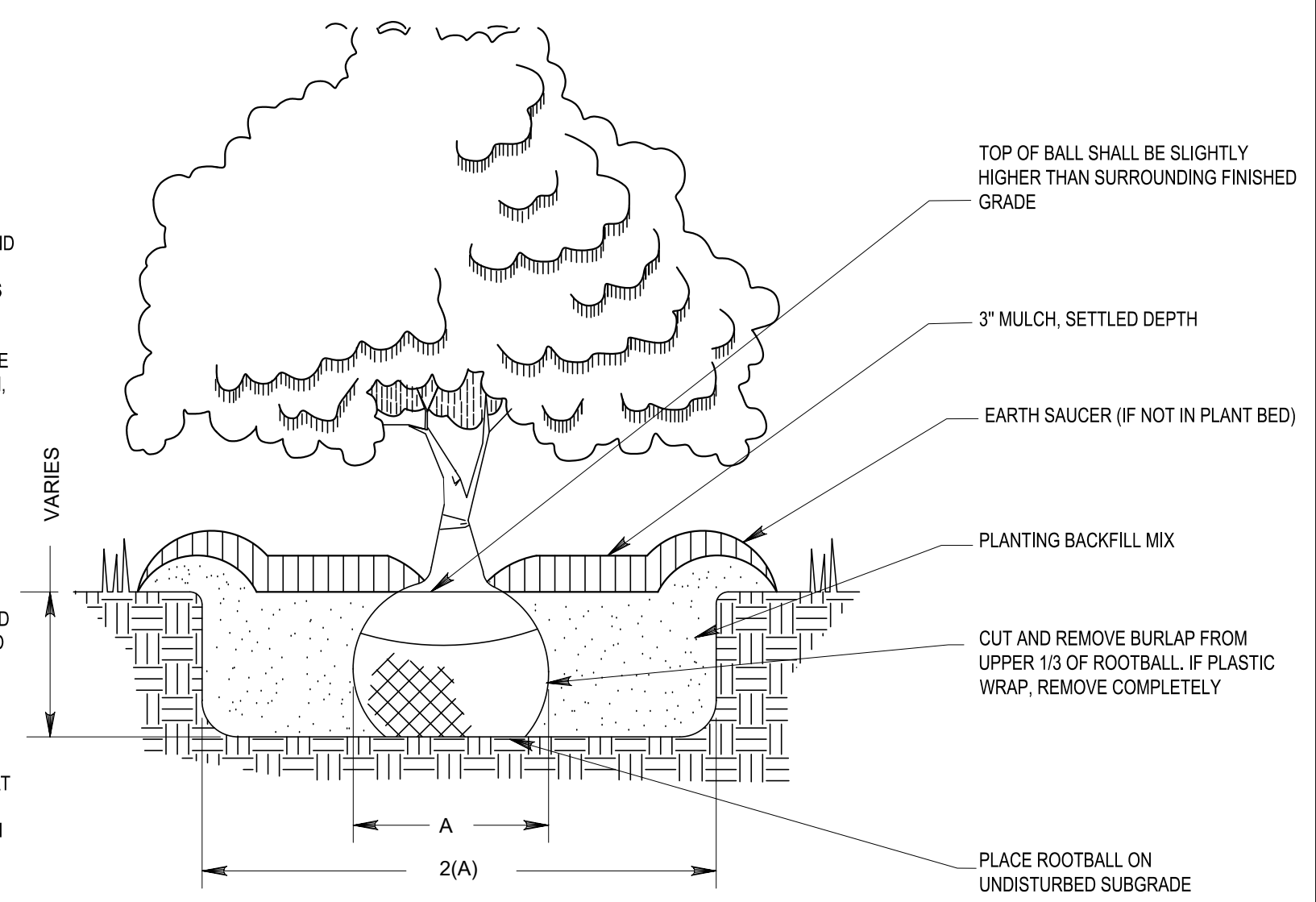
- NOTES:
1. EXPANSION JOINT SPACING SHALL NOT EXCEED 20'.
 2. PROVIDE EXPANSION JOINTS WITH JOINT SEALANT.
 3. CONTROL JOINT SPACING SHALL NOT EXCEED 5'.
 4. ALL SIDEWALKS ARE 4" THICK.
 5. MAXIMUM RUNNING SLOPE OF WALKWAYS SHALL NOT EXCEED 1:25 (4.0%).
 6. MAXIMUM RUNNING CROSS SLOPE OF WALKWAYS SHALL NOT EXCEED 1:60 (1.67%).

4 SIDEWALK DETAILS
SCALE: NOT TO SCALE

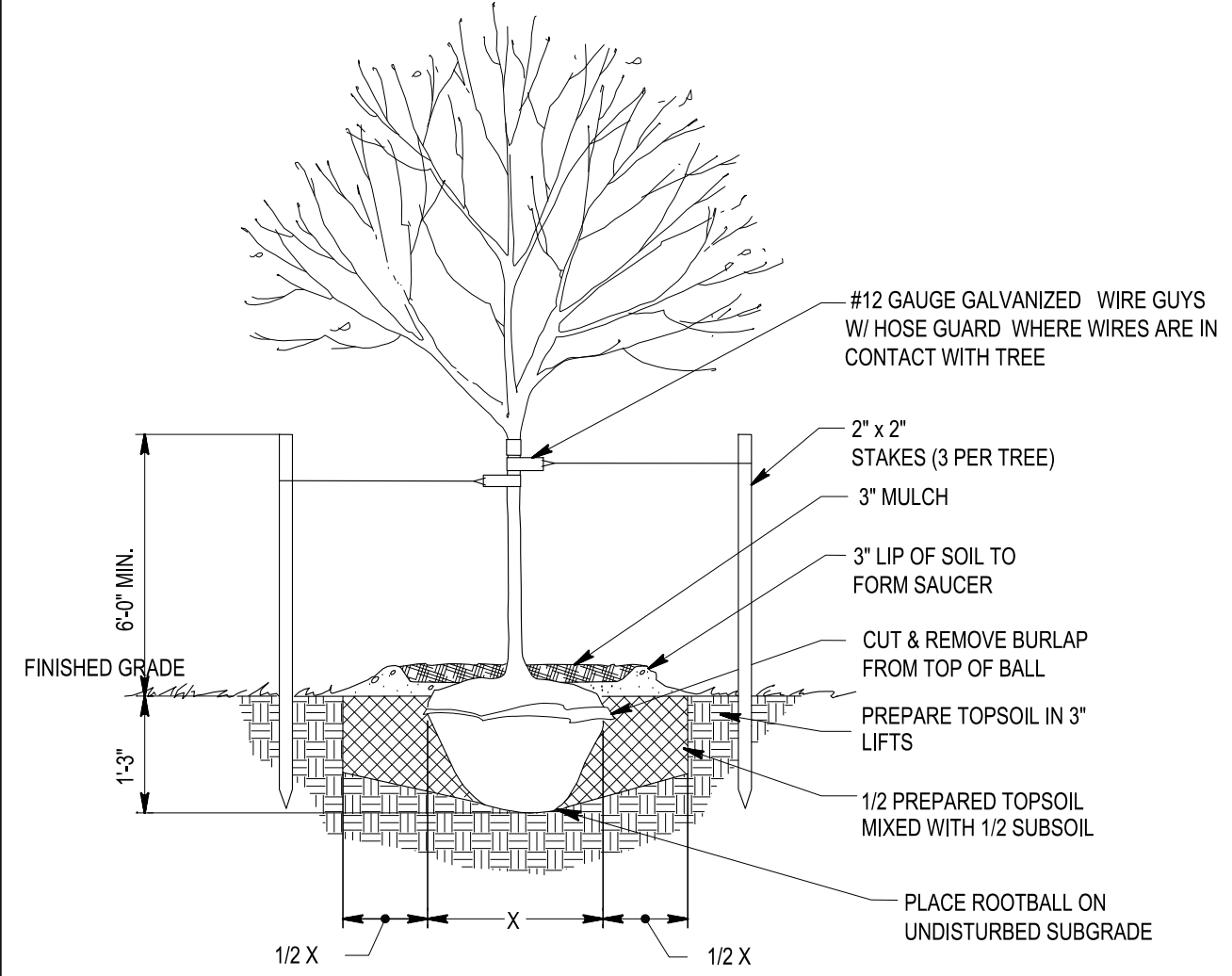


3 ADA COMPLIANT PARKING SPACE LAYOUT DETAIL
SCALE: NOT TO SCALE

- LANDSCAPE NOTES:
1. PLANT MATERIAL TO BE INSTALLED AND MAINTAINED BY A QUALIFIED AND EXPERIENCED LANDSCAPE INSTALLER.
 2. ALL PLANT MATERIAL IS SUBJECT TO APPROVAL OF THE ENGINEER AND OWNER. STAKE ALL PLANT MATERIAL FOR REVIEW AND APPROVAL BY THE ENGINEER AND OWNER PRIOR TO PLANTING. ON-SITE ADJUSTMENTS MAY BE REQUIRED.
 3. TRANSPORTATION OF PLANTS SHALL BE DONE IN A MANNER AS TO NOT DESTROY THE NATURAL SHAPE, COMPROMISE THE HEALTH, OR ALTER THE CHARACTERISTICS OF THE PLANT MATERIAL.
 4. ALL PLANT MATERIAL SHALL BE IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1-2004). REMOVE FROM THE SITE, ANY PLANT MATERIAL THAT TURNS BROWN OR DEFOLIATES WITHIN FIVE (5) DAYS AFTER PLANTING.
 5. THE CONTRACTOR SHALL INSTALL OR AMEND TOPSOIL IN ALL PROPOSED PLANT AREAS TO MEET ASTM D5268 STANDARDS. A MINIMUM 12" OF TOPSOIL TO BE PROVIDED FOR ALL PLANT BEDS.
 6. VERIFY ALL UTILITY LOCATIONS PRIOR TO BEGINNING PLANTING WORK. REPAIR ALL DAMAGED AREAS TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO OWNER.
 7. ALL PLANT BEDS SHALL RECEIVE 3" MINIMUM OF SHREDDED HARDWOOD MULCH.
 8. PROVIDE A ONE YEAR WARRANTY FOR ALL PLANT MATERIAL. REPLACE ANY DEAD OR DYING PLANT MATERIAL AT THE END OF THE ONE YEAR WARRANTY PERIOD.



2 SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

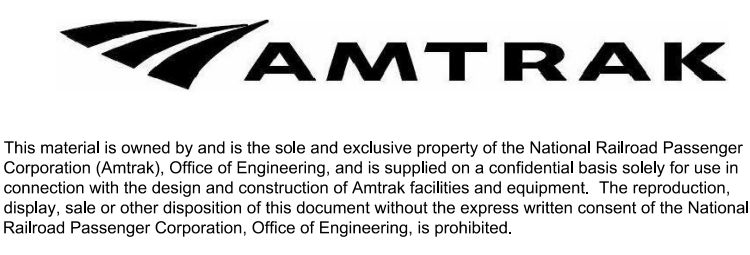


- NOTES:
1. TOP OF ROOTBALL TO BE SET 3" ABOVE FINISHED GRADE.
 2. NEVER CUT LEADER. NEVER CUT FLUSH. ALWAYS PRUNE TO A BRANCH COLLAR.
 3. RETAIN NATURAL CHARACTER OF TREE.
 4. REMOVE GUY WIRES & STAKES AFTER 1 YEAR GUARANTEE.

1 DECIDUOUS TREE DETAIL
SCALE: NOT TO SCALE

Local File: C:\Users\mhammond\OneDrive\GANNETT FLEMING\IN\067435-AMTRAK ADA_ID\032023\Project Files\Lee\Lee-C200.dwg
 Central File: C:\Users\mhammond\OneDrive\GANNETT FLEMING\IN\067435-AMTRAK ADA_ID\032023\Project Files\Lee\Lee-C200.dwg

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date

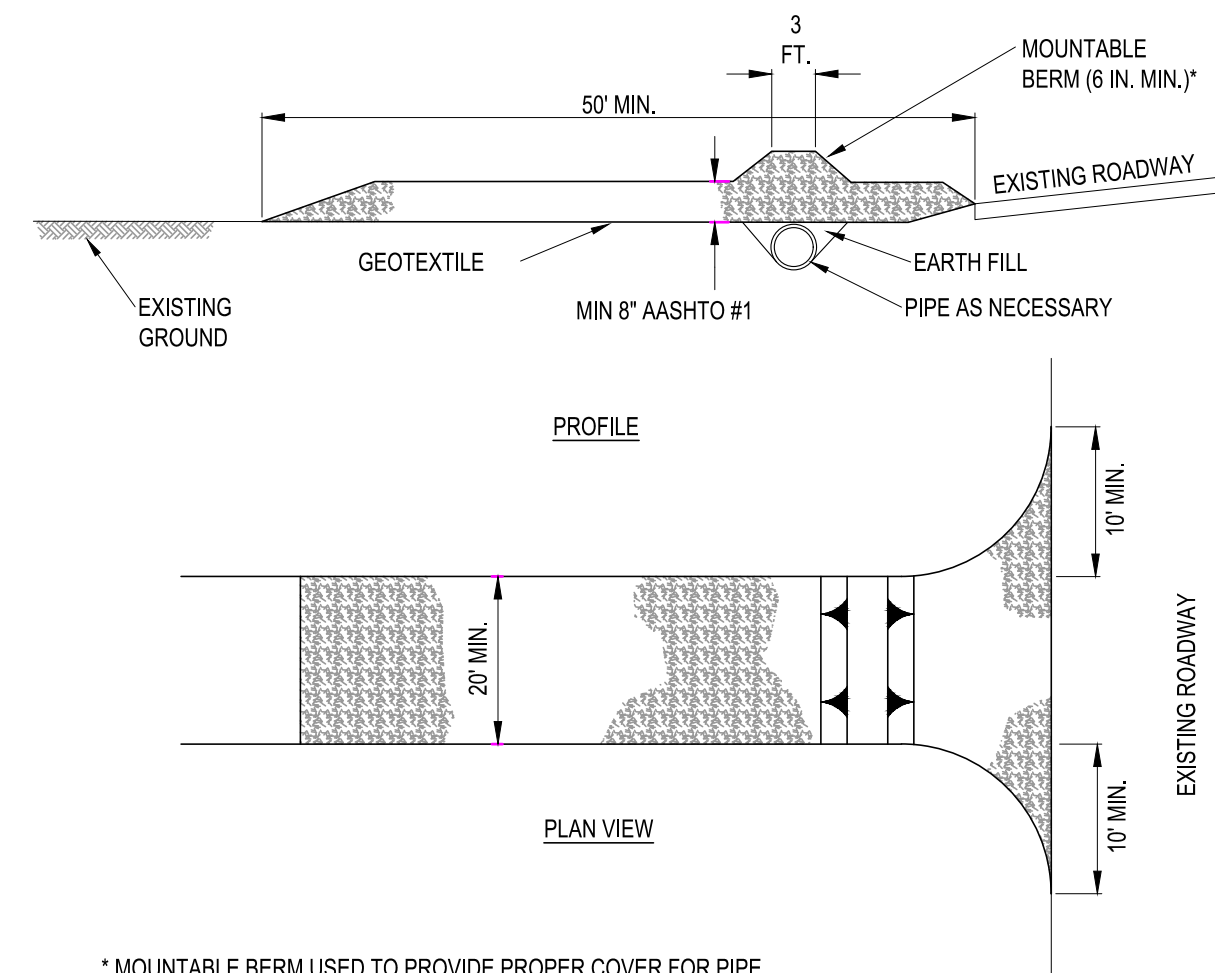


LEE'S SUMMIT (LEE) MISSOURI
ADA STATIONS PROGRAM (ADASP)

Project Code: 67435
WBS: C.EN.100694.0131
Sheet No. 13 OF 41

DESIGNED: TJR DRAWN: DBM CHECKED: SME DATE: 11/03/2023

Dwg. No. **C202**



* MOUNTABLE BERM USED TO PROVIDE PROPER COVER FOR PIPE

NOTES:

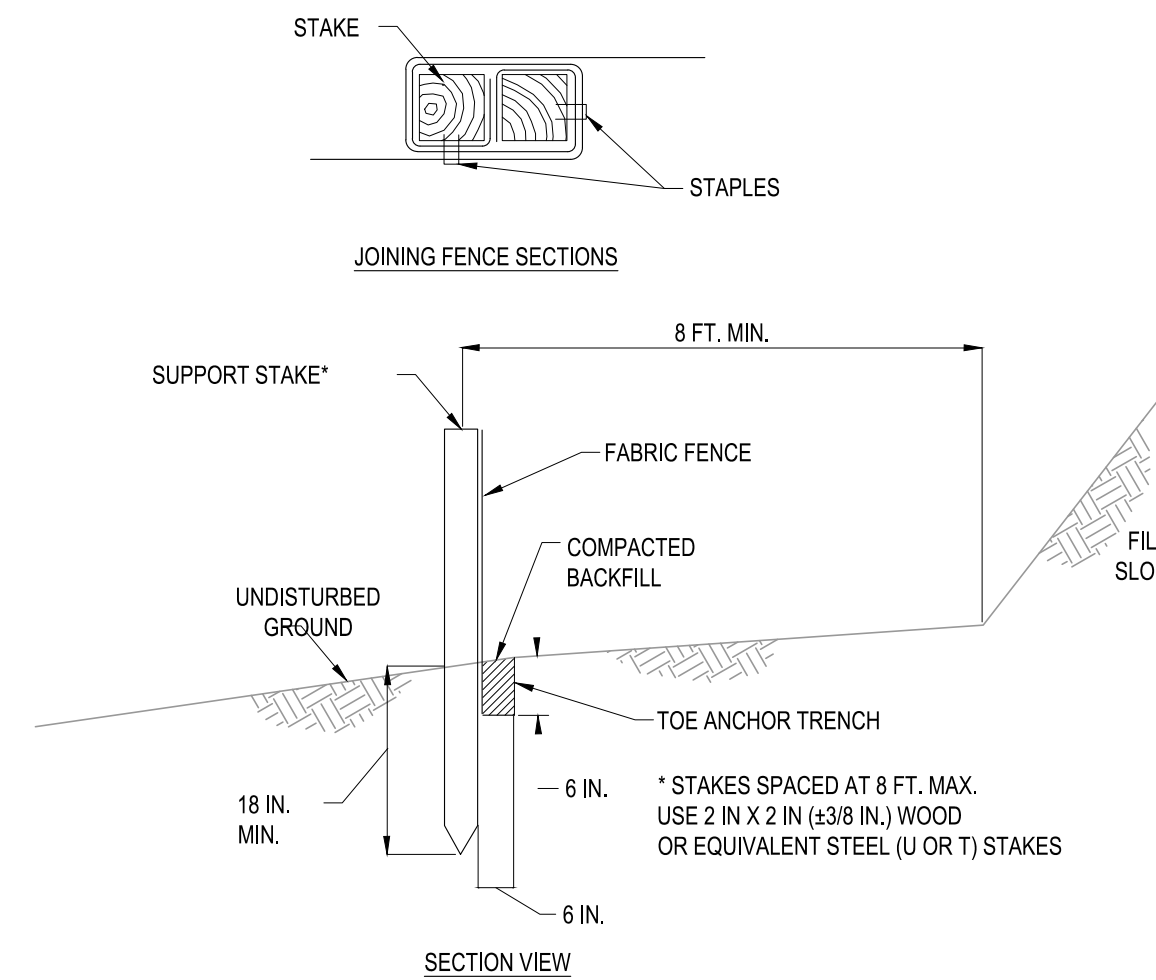
REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.

RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.

MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED, PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.

MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK, WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

1 ROCK CONSTRUCTION ENTRANCE
SCALE: NOT TO SCALE



NOTES:

FABRIC WIDTH SHALL BE 30 IN. MINIMUM. STAKES SHALL BE HARDWOOD OR EQUIVALENT STEEL (U OR T) STAKES.

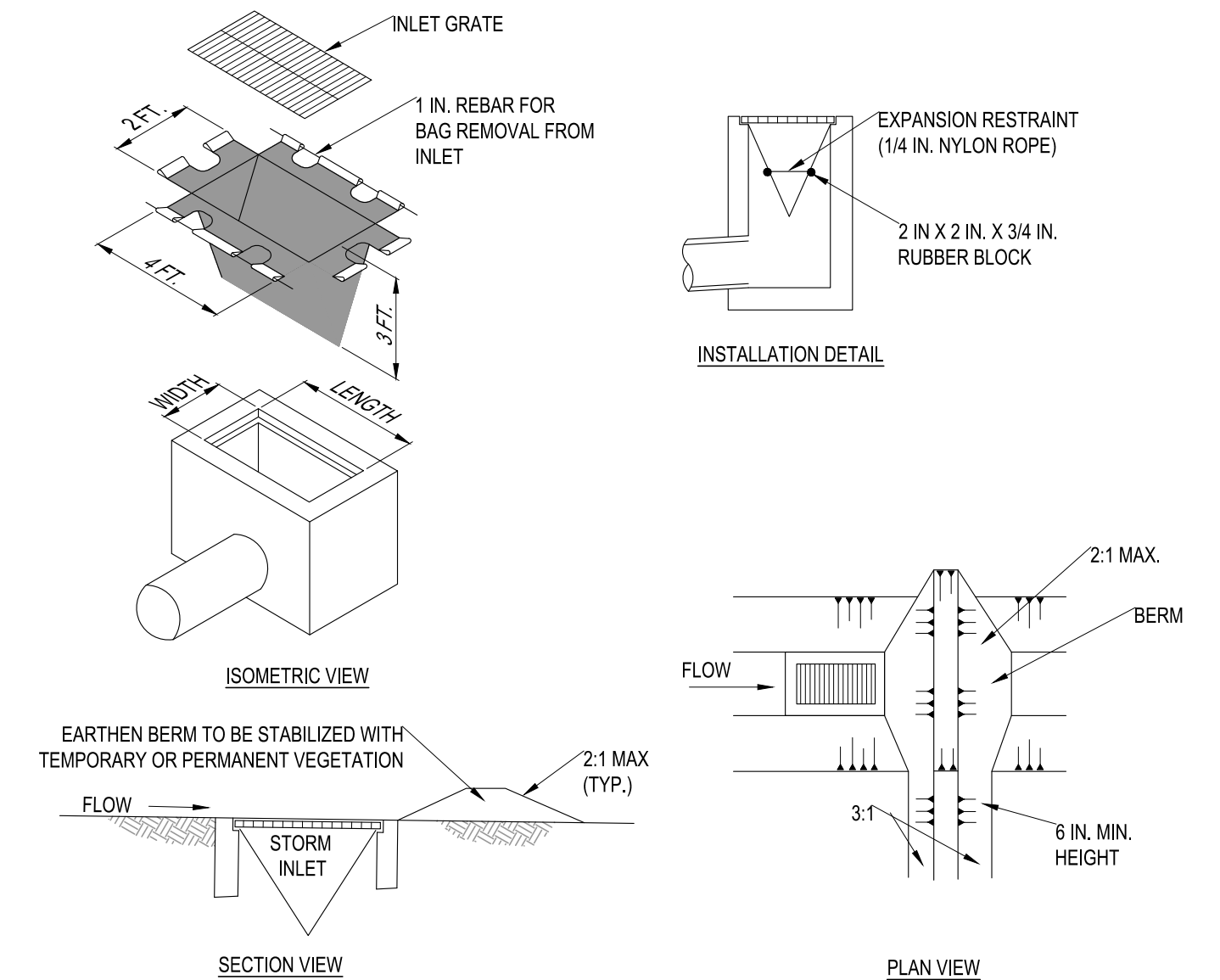
SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH HALF THE ABOVE GROUND HEIGHT OF THE FENCE.

ANY SECTION OF SILT FENCE WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET.

FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY STABILIZED.

2 STANDARD FILTER FABRIC FENCE (18" HIGH)
SCALE: NOT TO SCALE



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

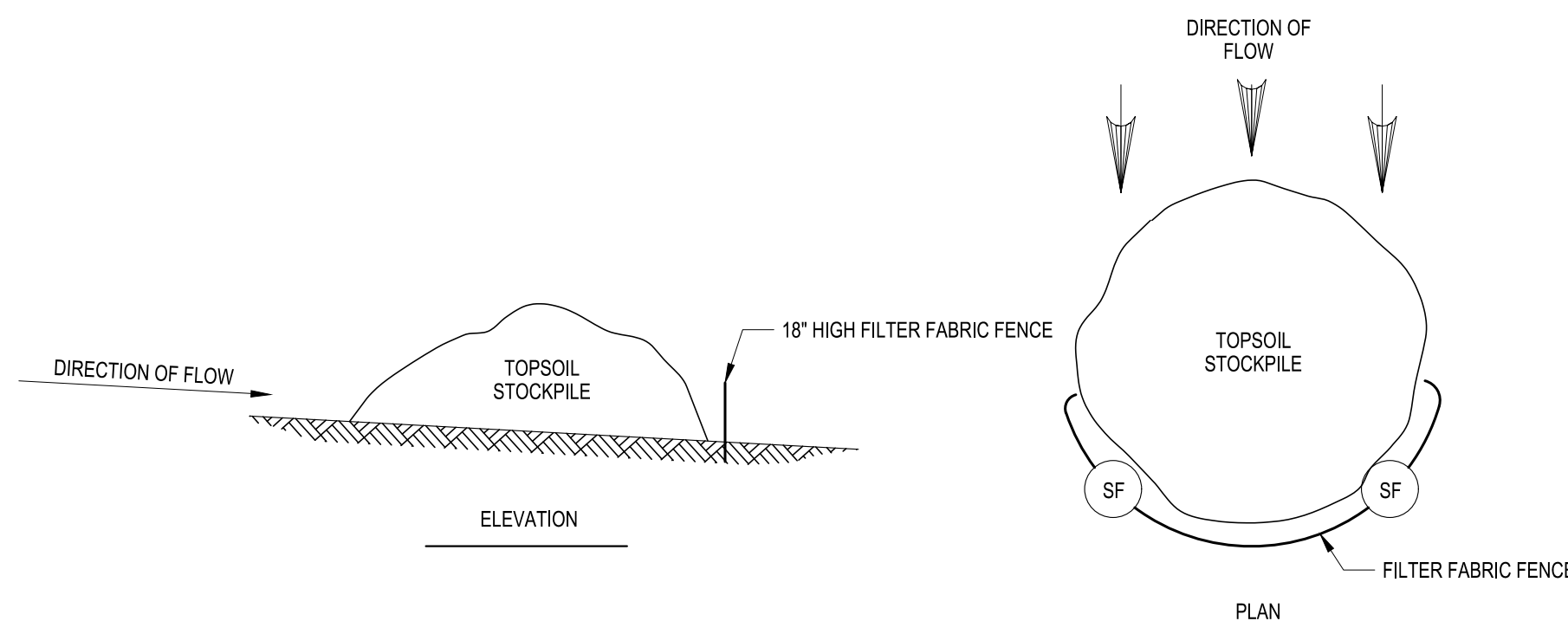
ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

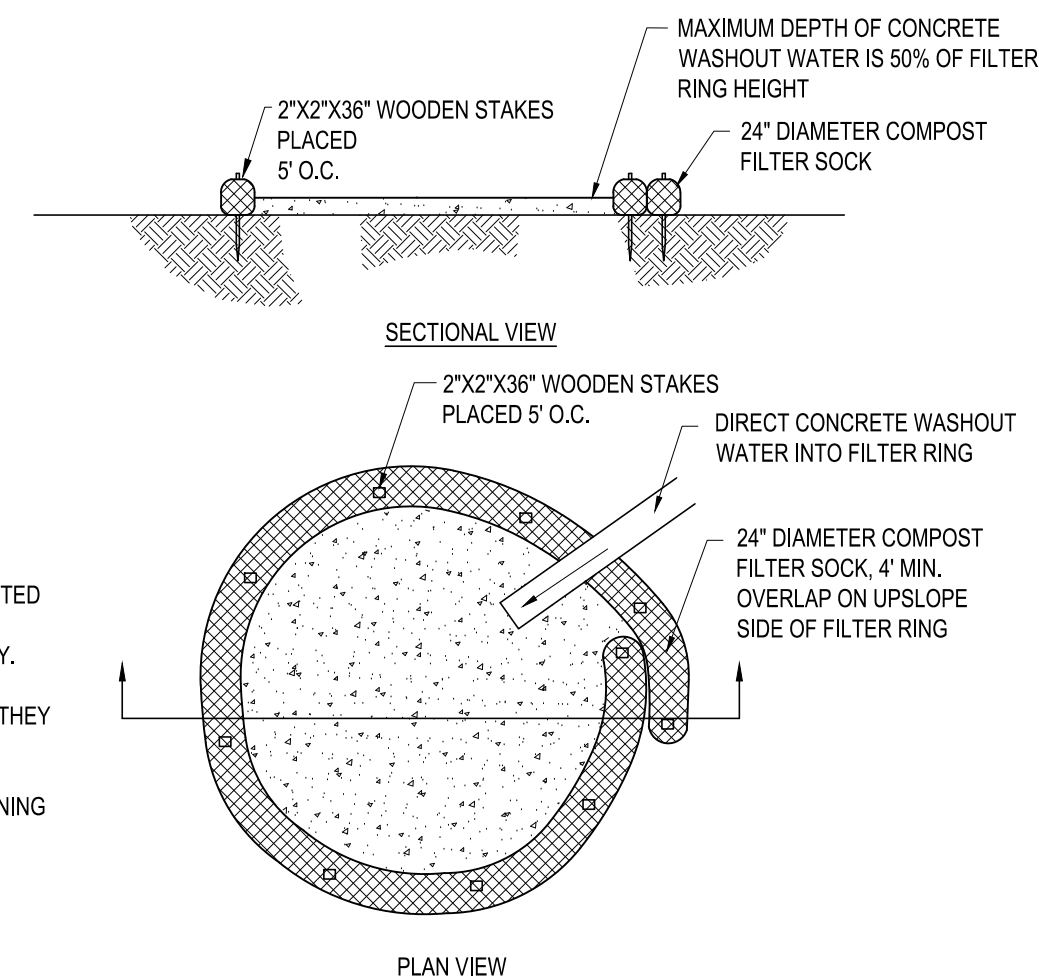
3 FILTER BAG INLET PROTECTION - TYPE 'M' INLET
SCALE: NOT TO SCALE



NOTES:

- STOCKPILE SLOPES MUST BE 2:1 OR FLATTER AND MUST NOT EXCEED 35 FEET IN HEIGHT.
- STOCKPILES TO BE STABILIZED IMMEDIATELY PER SCHEDULE OF SEEDING, MULCHING AND SOIL SUPPLEMENTS.

4 TOPSOIL STOCKPILE DETAIL
SCALE: NOT TO SCALE



NOTES:

1. A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

2. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.

3. 18\"/>

MAINTENANCE

ALL CONCRETE WASHOUT FACILITIES SHOULD BE INSPECTED DAILY. DAMAGED OR LEAKING WASHOUTS SHOULD BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY.

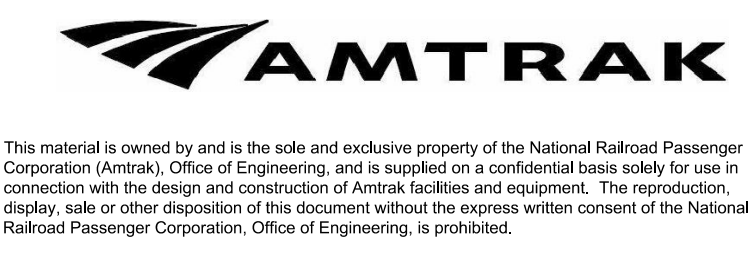
ACCUMULATED MATERIALS SHOULD BE REMOVED WHEN THEY REACH 75% CAPACITY.

PLASTIC LINERS SHOULD BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.

5 COMPOST SOCK WASHOUT DETAIL
SCALE: NOT TO SCALE

Local File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC18745-AMTRAK_ADA_ID102021\Project Files\Lee\ADA-C203_dfb.dwg
 Central File: C:\Users\mcdonald\OneDrive\GANNETT FLEMING\NC18745-AMTRAK_ADA_ID102021\Project Files\Lee\ADA-C203_dfb.dwg
 Project Number: 067435
 6/16/2022 2:17:00 PM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 67435
DESIGNED TJR		DRAWN DBM		WBS: C.EN.100694.0131
CHECKED SME		DATE 11/03/2023		Sheet No. 14 OF 41
DETAILS				C203
Designed TJR Drawn DBM Checked SME Date 11/03/2023				

GENERAL STRUCTURAL NOTES

A. GENERAL

- THE STRUCTURE IS DESIGNED TO ACT AS A STRUCTURAL UNIT UPON COMPLETION. DESIGN AND PROVIDE NECESSARY BRACING, TEMPORARY SUPPORTS, AND SHORING TO RESIST FORCES, ON THE STRUCTURE DURING CONSTRUCTION.
- REPRODUCTION OF STRUCTURAL CONTRACT DRAWINGS FOR USE AS SHOP DRAWINGS IS STRICTLY PROHIBITED. SHOP DRAWINGS WHICH ARE PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED WITHOUT REVIEW.
- WORK SHALL BE COORDINATED WITH THE VARIOUS TRADES TO INSURE THAT VARIOUS EMBEDDED ITEMS ARE INCORPORATED, TO AVOID CONFLICT OR INTERFERENCE WITH REINFORCING STEEL OR STRUCTURAL STEEL MEMBERS, AND TO ENSURE TIMELY COMPLETION OF ALL WORK.
- THE LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE IDENTIFIED IN THE FIELD BEFORE CONSTRUCTION COMMENCES.
- CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING PREPARATION.

B. DESIGN CRITERIA

- BUILDING CODE ----- INTERNATIONAL BUILDING CODE (IBC) 2018
- DESIGN LOADS FOR STAIRS/ESCALATOR STRUCTURES
 - LIVE LOAD
 - PLATFORM, CONCOURSES AND STAIRS ----- 150 PSF
 - SNOW LOAD
 - GROUND SNOW LOAD ----- 20 PSF
 - WIND LOAD
 - BASIC WIND SPEED ----- 110 MPH
 - IMPORTANCE FACTOR ----- 1.0
 - EXPOSURE CATEGORY ----- C
 - INTERNAL PRESSURE COEFFICIENT ----- +/-0.18
 - SEISMIC LOAD
 - RISK CATEGORY ----- II
 - MAPPED MCE FOR PERIOD = 0.2s (S_s) ----- 0.100g
 - MAPPED MCE FOR PERIOD = 1.0s (S₁) ----- 0.068g
 - SPECTRAL RESPONSE (S_{us}) ----- 0.106g
 - SPECTRAL RESPONSE (S_{u1}) ----- 0.109g
 - SEISMIC DESIGN CATEGORY ----- B
 - SITE CLASS ----- D
 - IMPORTANCE FACTOR ----- 1.0
- DEAD LOADS
 - SELF WEIGHT OF MATERIAL

C. CONCRETE

- ALL CONCRETE FOR STRUCTURES SHALL BE AIR-ENTRAINED CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4500 POUNDS PER SQUARE INCH AT 28 DAYS EXCEPT AS NOTED.
- REINFORCEMENT BARS SHALL BE NEW BILLET STEEL CONFORMING TO A.S.T.M. DESIGNATION A615, GRADE 60, DEFORMED. BARS SHALL BE EPOXY COATED PER ASTM A775.
- CONCRETE DESIGN IS IN CONFORMANCE WITH "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (A.C.I. 318-14).
- DETAIL, FABRICATE AND ERECT REINFORCEMENT BARS, INCLUDING BAR SUPPORTS, SPACERS, ETC. IN ACCORDANCE WITH "A.C.I. DETAILING MANUAL" (A.C.I. SP-66).
- UNLESS SHOWN OTHERWISE, BARS AT SPLICES SHALL BE LAPPED IN ACCORDANCE WITH THE TABLE "REINFORCING STEEL LAP SPLICES AND EMBEDMENTS" SHOWN ON THIS SHEET.
- CONCRETE COVER FOR REINFORCEMENT BARS SHALL CONFORM TO THE FOLLOWING, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
 - UNFORMED SURFACES IN CONTACT WITH GROUND ----- 3 INCHES
 - FORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER, AND ALL WALLS ----- 2 INCHES
 - TOP OF SLABS ----- 1 1/2 INCHES
 - BOTTOM OF SLABS ----- 1 INCH
- CHAMFER EXPOSED CONCRETE EDGES 3/4 INCHES X 3/4 INCH UNLESS NOTED OTHERWISE.

D. FOUNDATIONS

- PROVIDE EXCAVATION SUPPORT MEASURES SUFFICIENT TO PROTECT ADJACENT FACILITIES FROM DETRIMENTAL MOVEMENT. DESIGN, INSTALL, AND MONITOR SUPPORT MEASURES AND ADJACENT FACILITIES IN ACCORDANCE WITH THE SPECIFICATIONS.
- PROVIDE SUFFICIENT DEWATERING MEASURES TO ALLOW ALL WORK TO PROCEED IN THE DRY. MAINTAIN GROUNDWATER LEVELS AT LEAST 3 FEET BELOW WORKING SUBGRADE.
- FOOTINGS FOR LIGHTS AND SIGNS ARE DESIGNED FOR A MAXIMUM ALLOWABLE NET BEARING CAPACITY OF 1500 PSF.
- OVEREXCAVATED AREAS SHALL BE BACKFILLED TO DESIGN ELEVATION WITH COMPACTED STRUCTURAL FILL.
- A SUBSURFACE INVESTIGATION HAS BEEN PREPARED FOR THIS PROJECT BY AECOM AND WILL BE PROVIDED TO PROSPECTIVE BIDDERS AND/OR CONTRACTORS FOR INFORMATIONAL PURPOSES ONLY.
- PROVIDE 8 INCH MINIMUM LAYER OF COMPACTED STRUCTURAL FILL UNDER ALL SLABS-ON-GRADE.
- SEE SPECIFICATION 033000 FOR JOINT PLACEMENT NOT DEFINED ON DRAWINGS.
- SUBMIT DEWATERING WORK PLAN BEFORE PROCEEDING FOUNDATION WORK. FOOTINGS CAN BE CAST ON WELL-COMPACTED MOIST SOIL AS LONG AS THE DEWATERING PLAN IS ADEQUATE.

BAR SIZE	MINIMUM LAP SPlice LENGTH (INCHES)				MINIMUM EMBEDMENT LENGTH (INCHES)			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	< 2"	≥ 2"	< 2"	≥ 2"	< 2"	≥ 2"	< 2"	≥ 2"
3	21	21	18	18	18	18	18	18
4	29	29	21	21	21	21	18	18
5	41	35	32	27	32	27	24	21
6	57	42	44	32	44	32	33	26
7	92	60	71	47	71	47	54	36
8	114	69	89	53	89	53	68	41
9	140	86	107	66	107	66	83	51
10	168	105	131	81	131	81	101	63
11	200	126	153	98	153	98	119	75

NOTES:
 1. TABLE BASED ON ACI 318-2014 WITH F'c = 4,500 PSI AND Fy = 60,000 PSI.
 2. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THE REINFORCEMENT.
 3. HORIZONTAL WALL REINFORCEMENT IS CONSIDERED A TOP BAR.
 4. CLEAR COVER = CONCRETE COVER FOR REINFORCEMENT BARS.

E. HELICAL PILES

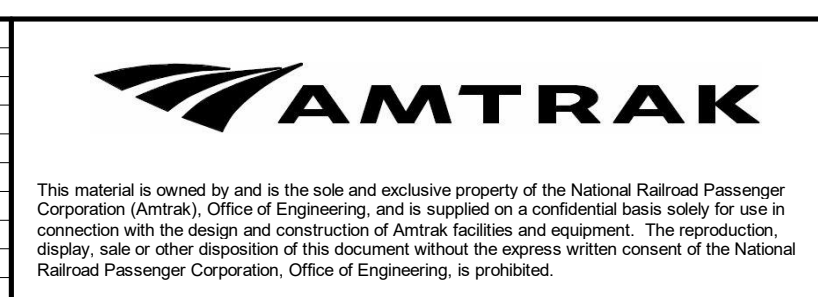
- ALLOWABLE WORKING LOADS
 - COMPRESSION: 20 KIPS/PILE
 - TENSION: 5 KIPS/PILE
- HELICAL PILES SHALL BE MANUFACTURED BY THE A.B. CHANCE CO. OR APPROVED EQUAL.
- PILES SHALL BE INSTALLED BY THE MANUFACTURER'S AUTHORIZED INSTALLATION CONTRACTOR WHO HAS SATISFIED THE CERTIFICATION REQUIREMENTS RELATING TO THE TECHNICAL ASPECTS OF THE PRODUCT AND THE INSTALLATION TECHNIQUES.
- MINIMUM INSTALLATION TORQUE: 4,500 FT-LBS OR AS DETERMINED FROM LOAD TEST.
- THE TORQUE AS MEASURED DURING THE INSTALLATION SHALL NOT EXCEED THE TORSIONAL STRENGTH RATING OF THE CENTRAL STEEL SHAFT.
- THE AVERAGE TORQUE FOR THE LAST 3 FEET OF PENETRATION SHALL BE USED AS THE BASIS OF COMPARISON WITH THE MIN. INSTALLATION TORQUE AS SHOWN ON THE WORKING DRAWINGS. THE AVERAGE TORQUE SHALL BE DEFINED AS THE AVERAGE OF THE LAST (3) READINGS RECORDED AT 1-FT INTERVALS.
- IF THE MINIMUM INSTALLATION TORQUE IS NOT ACHIEVED AT THE MINIMUM OVERALL LENGTH, THE CONTRACTOR SHALL HAVE THE FOLLOWING OPTIONS:
 - INSTALL THE HELICAL PILE DEEPER USING ADDITIONAL EXTENSION SECTIONS.
 - REMOVE THE EXISTING HELICAL PILE AND INSTALL A NEW ONE WITH ADDITIONAL AND/OR LARGER DIAMETER HELIX PLATES. THE NEW HELIX CONFIGURATION SHALL BE SUBJECT TO REVIEW AND ACCEPTANCE OF THE ENGINEER. IF RE-INSTALLING IN THE SAME LOCATION, THE TOP-MOST HELIX OF THE NEW HELICAL PILE SHALL BE TERMINATED AT LEAST (3) THREE FEET BEYOND THE TERMINATING DEPTH OF THE ORIGINAL HELICAL PILE.
 - DE-RATE THE LOAD CAPACITY OF THE HELICAL PILE AND INSTALL ADDITIONAL HELICAL PILE(S). THE DE-RATED CAPACITY AND ADDITIONAL HELICAL PILE LOCATION SHALL BE SUBJECT TO THE REVIEW AND ACCEPTANCE OF THE ENGINEER.
- ALLOWABLE TOLERANCES
 - CENTERLINE OF HELICAL PILES SHALL NOT BE MORE THAN 3 INCHES FROM INDICATED PLAN LOCATION.
 - HELICAL PILE PLUMBNESS SHALL BE WITHIN 2 DEGREES OF DESIGN ALIGNMENT.
 - TOP ELEVATION OF HELICAL PILE SHALL BE WITHIN +1.0 INCHES TO -2.0 INCHES OF THE DESIGN VERTICAL ELEVATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL HELICAL PILE COMPONENTS, INCLUDING PILE TOP ATTACHMENT TO THE ENGINEER FOR REVIEW AND APPROVAL. THIS INCLUDES HELICAL PILE LEAD/STARTER AND EXTENSION SECTION IDENTIFICATION (MANUFACTURER'S CATALOG NUMBERS).
- THE CONTRACTOR SHALL SUBMIT CERTIFIED MILL TEST REPORTS FOR THE CENTRAL STEEL SHAFT, AS THE MATERIAL IS DELIVERED, TO THE ENGINEER FOR RECORD PURPOSES. THE ULTIMATE STRENGTH, YIELD STRENGTH, % ELONGATION, AND CHEMISTRY COMPOSITION SHALL BE PROVIDED.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER COPIES OF CALIBRATION REPORTS FOR EACH TORQUE INDICATOR OR TORQUE MOTOR TO BE USED ON THE PROJECT. THE CALIBRATION TESTS SHALL HAVE BEEN PERFORMED WITHIN FORTY-FIVE (45) WORKING DAYS OF THE DATE SUBMITTED. HELICAL PILE INSTALLATION SHALL NOT PROCEED UNTIL THE ENGINEER HAS RECEIVED THE CALIBRATION REPORTS.
- THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UNDERGROUND STRUCTURES OR UTILITIES WITHIN THE FOOTPRINT OF THE HELICAL PILES PRIOR TO INSTALLATION.
- BASED ON EXISTING EXPLORATORY BORING LOGS, IT IS ESTIMATED THAT THE TOTAL LENGTH OF HELICAL PILES MAY BE 832', USING 3 HELICES PER PILE OF 8, 10 AND 12- INCH DIAMETER. CONTRACTOR SHALL USE THE LENGTH TO PREPARE THE BID PRICE FOR HELICAL PILES. SHOULD THE TOTAL PILE LENGTHS BE MORE OR LESS THAN THE ESTIMATED LENGTHS STATED ABOVE AN ADJUSTMENT WOULD BE MADE IN THE LUMP SUM PRICE BID UNDER WHICH THE WORK WAS PERFORMED.
- THE CONTRACTOR SHALL SUBMIT INSTALLER'S FIELD REPORTS PER SPECIFICATION 316600.

ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE	DN	DOWN	INT	INTERIOR	R	RADIUS
ADDL	ADDITIONAL	DWGS	DRAWINGS	INV	INVERT	REINF	REINFORCEMENT
ALT	ALTERNATE	EA	EACH	JT	JOINT	REQD	REQUIRED
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIAL	EF	EACH FACE	K	KIPS	SF	SQUARE FOOT (FEET)
APPROX	APPROXIMATELY	EL OR ELEV	ELEVATION	LG	LONG	SH	SHEET
ARCH	ARCHITECTURAL	ELECT	ELECTRICAL	LLH	LONG LEG HORIZONTAL	SIM	SIMILAR
B/	BOTTOM OF	EMBED	EMBEDMENT	LLV	LONG LEG VERTICAL	SOG	SLAB ON GRADE
BETW	BETWEEN	EOD	EDGE OF DECK	MRF	MANUFACTURER	SPA	SPACE
BM	BEAM BRG	EOS	EDGE OF SLAB	MATL	MATERIAL	SQ	SQUARE
BEARING	BOT BOTTOM	EQ	EQUAL	MAX	MAXIMUM	SS	STAINLESS STEEL
CANT	CANTILEVER	EQUIP	EQUIPMENT	MECH	MECHANICAL	STIFF	STIFFENER
C/C	CENTER TO CENTER	EX OR EXIST	EXISTING	MTL	METAL	STL	STEEL
C OR CL	CENTERLINE	EXP	EXPANSION	NTS	NOT TO SCALE	SYMM	SYMMETRICAL
CIP	CAST-IN-PLACE	EXT	EXTERIOR	NO OR #	NO OR #	T/	TOP OF
CLR	CLEAR	EW	EACH WAY	OD	OUTSIDE DIAMETER	TOS	TOP OF STEEL OR TOP OF SLAB
COL	COLUMN	FT	FOOT (FEET)	OC	ON CENTER	THK	THICK
CONC	CONCRETE	FTG	FOOTING	OH	OPPOSITE HAND	TYP	TYPICAL
CONN	CONNECTION	GALV	GALVANIZED	OPP	OPPOSITE	UNO	UNLESS NOTED OTHERWISE
CONSTR	CONSTRUCTION	H	HIGH	OPNG	OPENING	VERT	VERTICAL
CONT	CONTINUOUS	HORIZ	HORIZONTAL	OF	OUTSIDE FACE	VIF	VERIFY IN FIELD
CONTR	CONTRACTION	HSS	HOLLOW STRUCTURAL SECTION	PL	PLATE	WWR	WELDED WIRE REINFORCEMENT
COORD	COORDINATE	ID	INSIDE DIAMETER	PSF	POUNDS PER SQUARE FOOT	W	WIDE
DET	DETAIL	IF	INSIDE FACE	PSI	POUNDS PER SQUARE INCH	WF	WIDE FLANGE
DIA	DIAMETER	INT	INTERIOR	PVC	POLYVINYL CHLORIDE	W/	WITH
						WP	WORK POINT

Local File: BIM_960\067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
 Central File: BIM\960\067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R20.rvt
 Project Number: 67435
 11/7/2023 1:29:13 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



Office of ADA Stations Program

National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



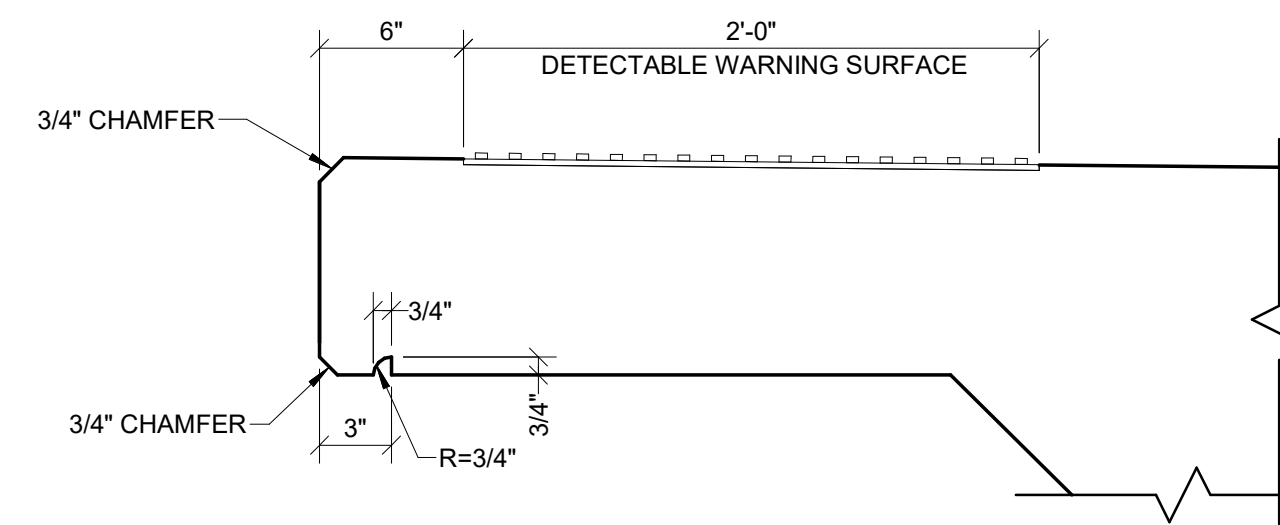
LEE'S SUMMIT (LEE) MISSOURI
 ADA STATIONS PROGRAM (ADASP)

Project Code: 67435
 WBS: CEN 10694.0131
 Sheet No. 15 OF 41

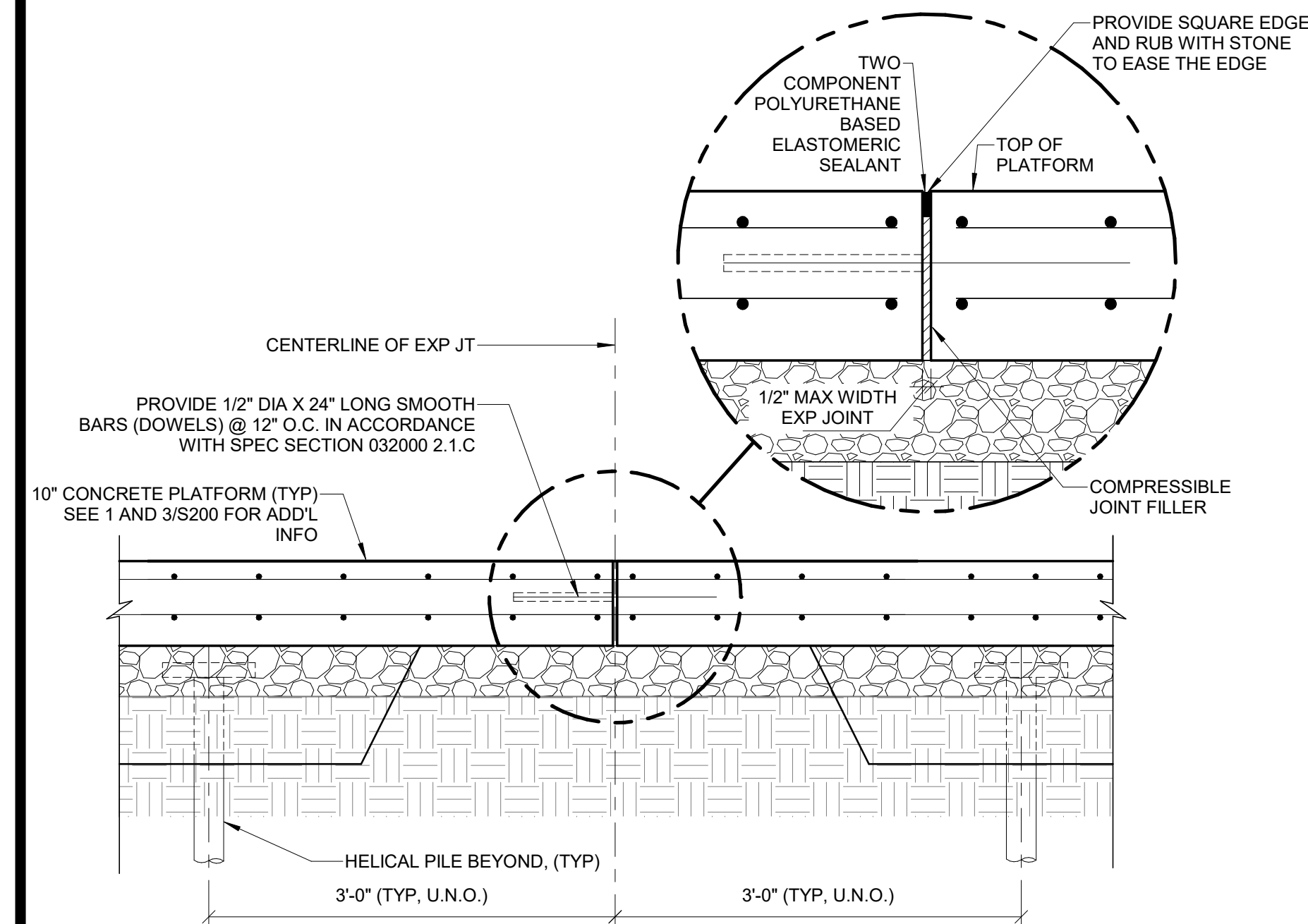
GENERAL NOTES

Designed CCA Drawn DSD Checked SME Date 11/03/2023

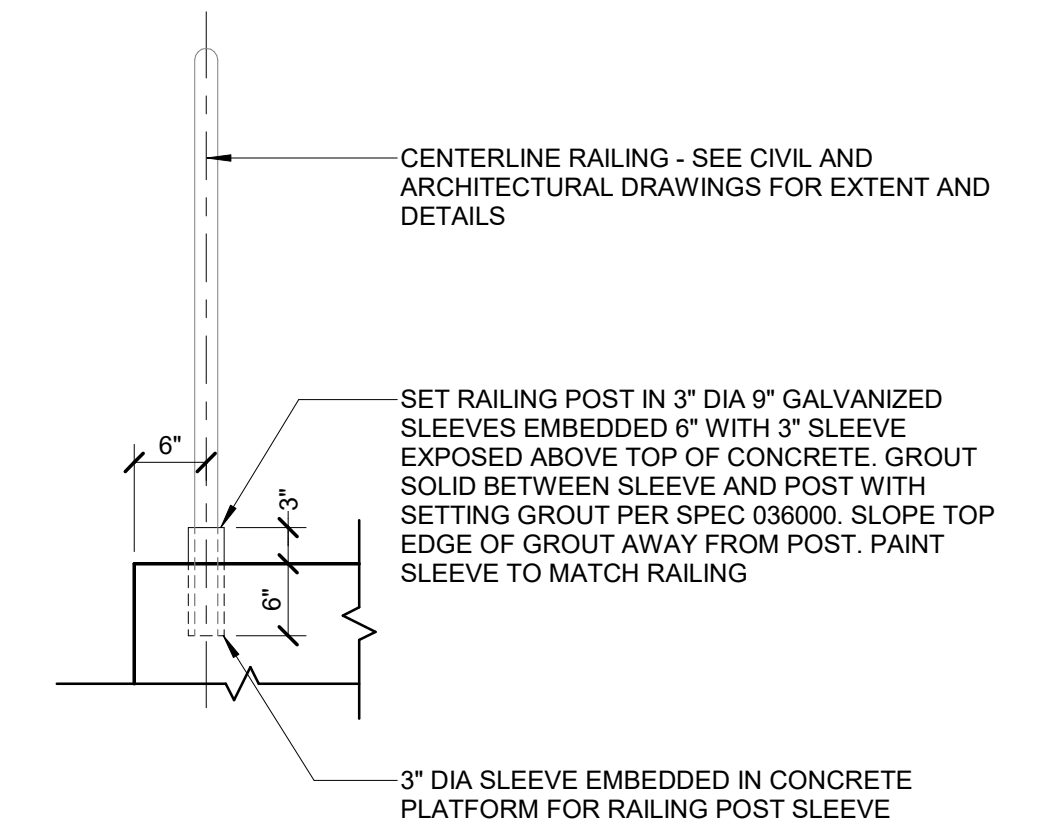
Drawg. No. **S000**



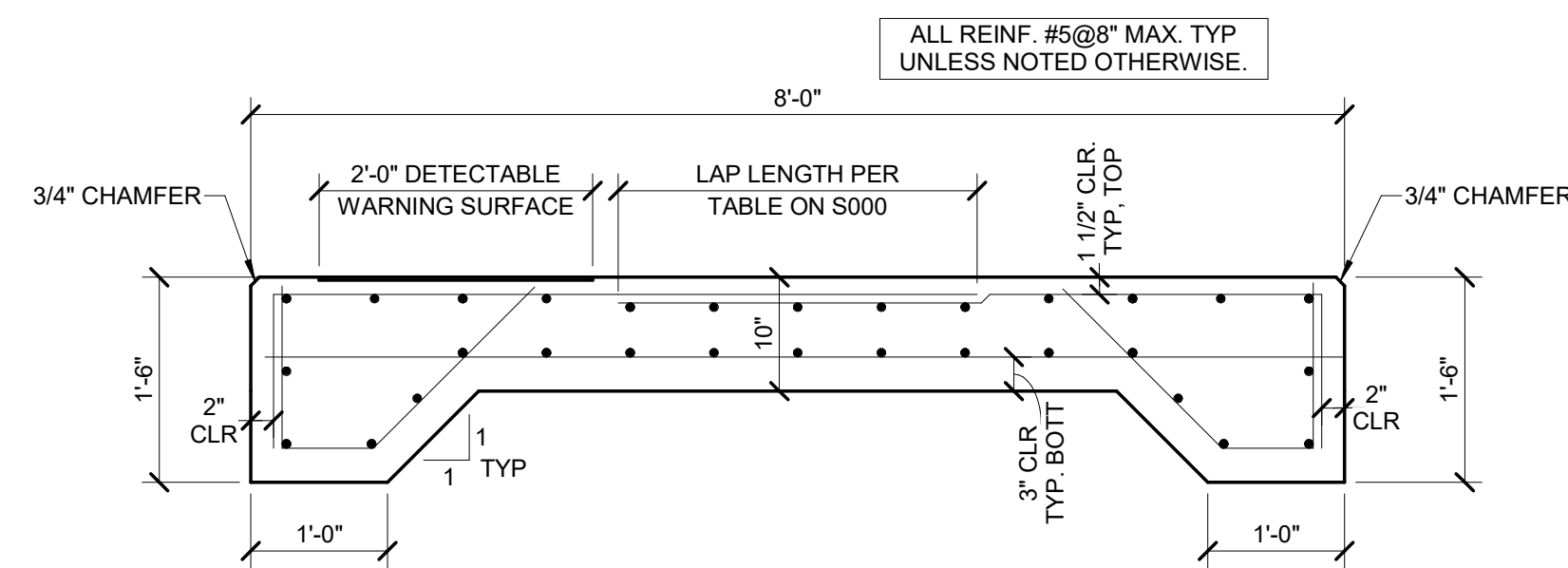
9 DETAIL PLATFORM EDGE
S001 SCALE: 1 1/2" = 1'-0"



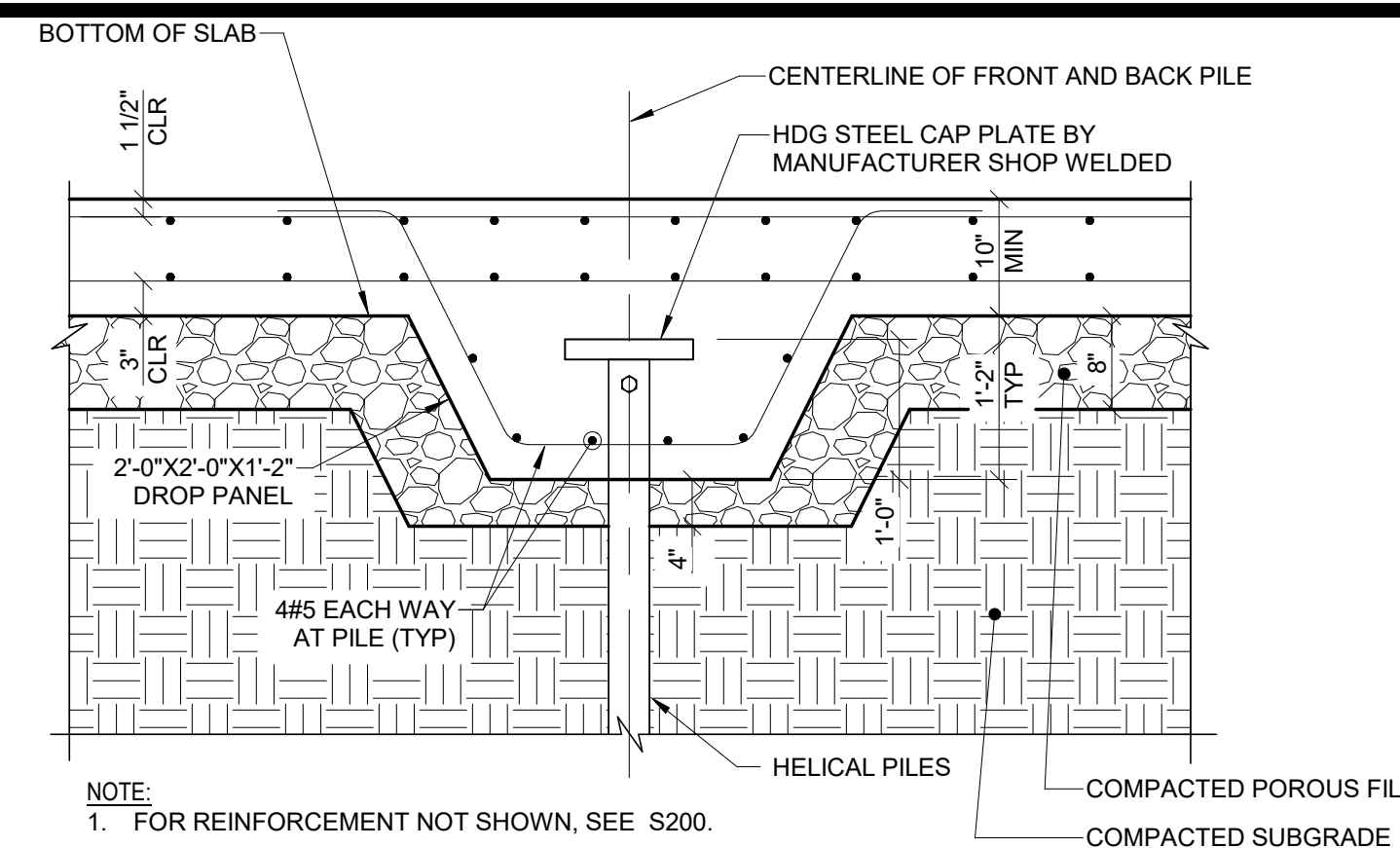
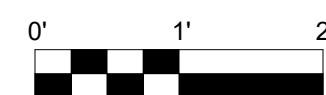
6 SECTION AT EXPANSION JOINT
S001 SCALE: 3/4" = 1'-0"



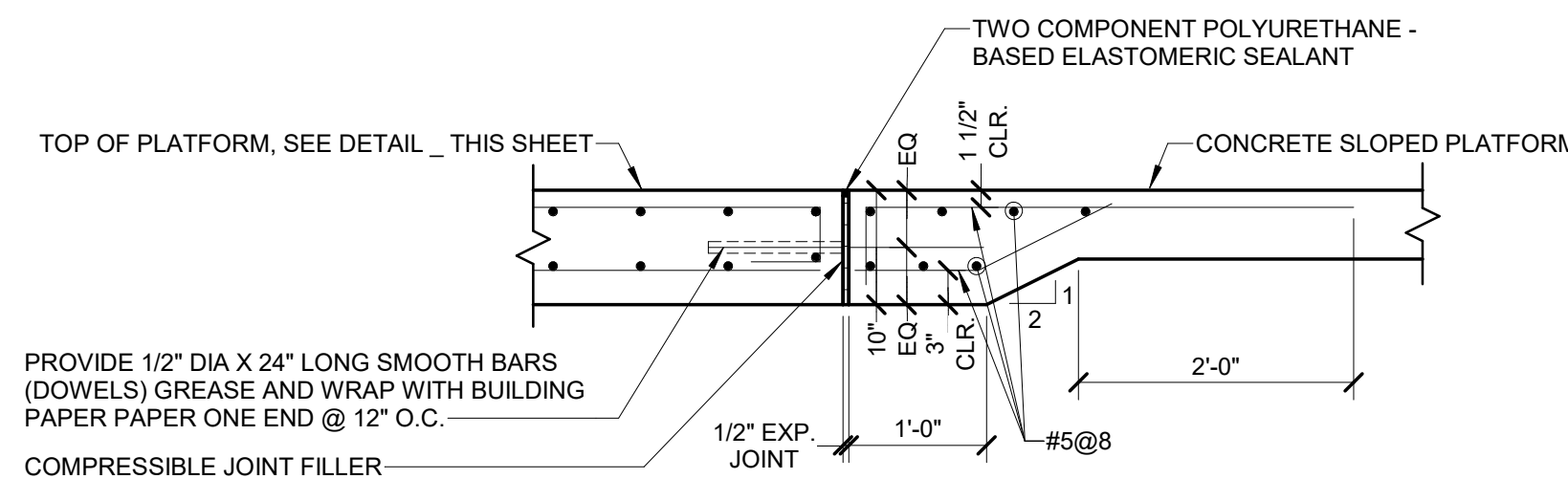
3 RAILING ANCHORAGE
S001 SCALE: 3/4" = 1'-0"



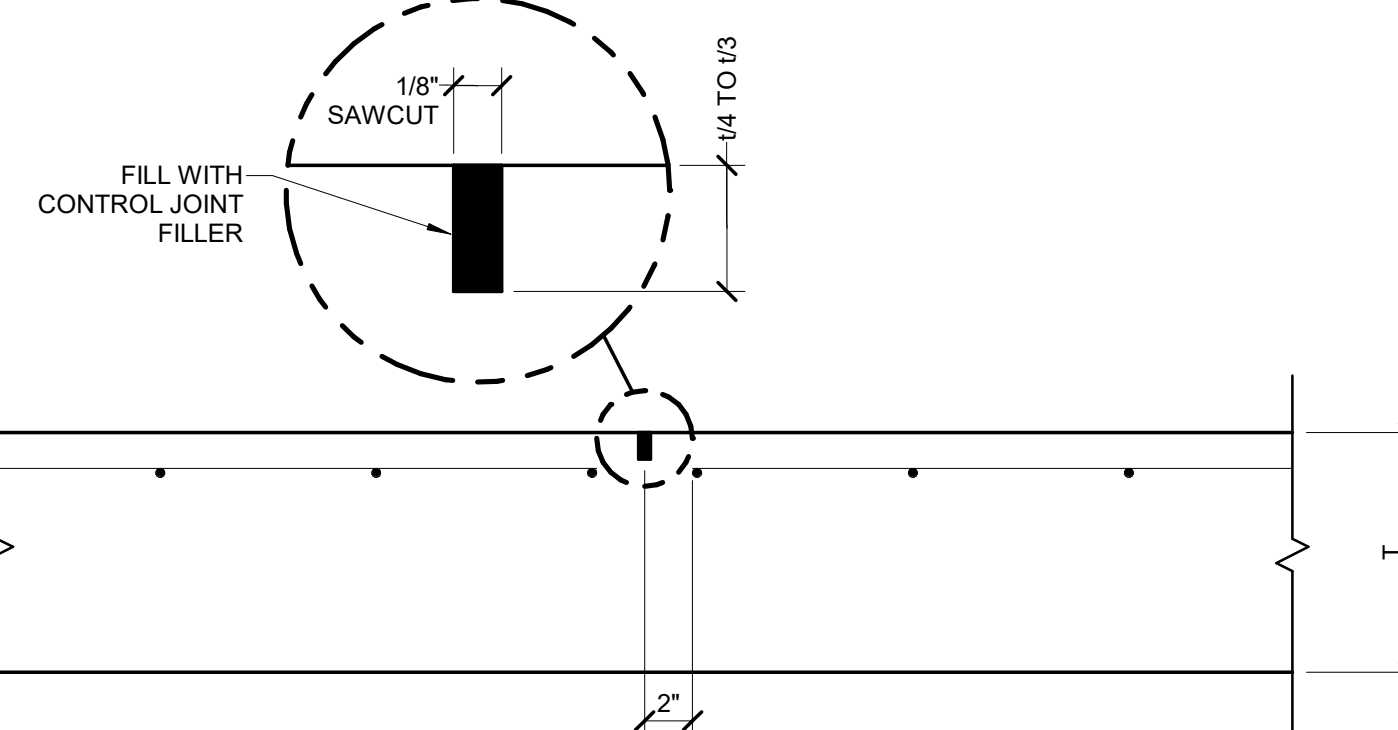
8 SLOPED PLATFORM REINFORCING DETAIL
S001 SCALE: 3/4" = 1'-0"



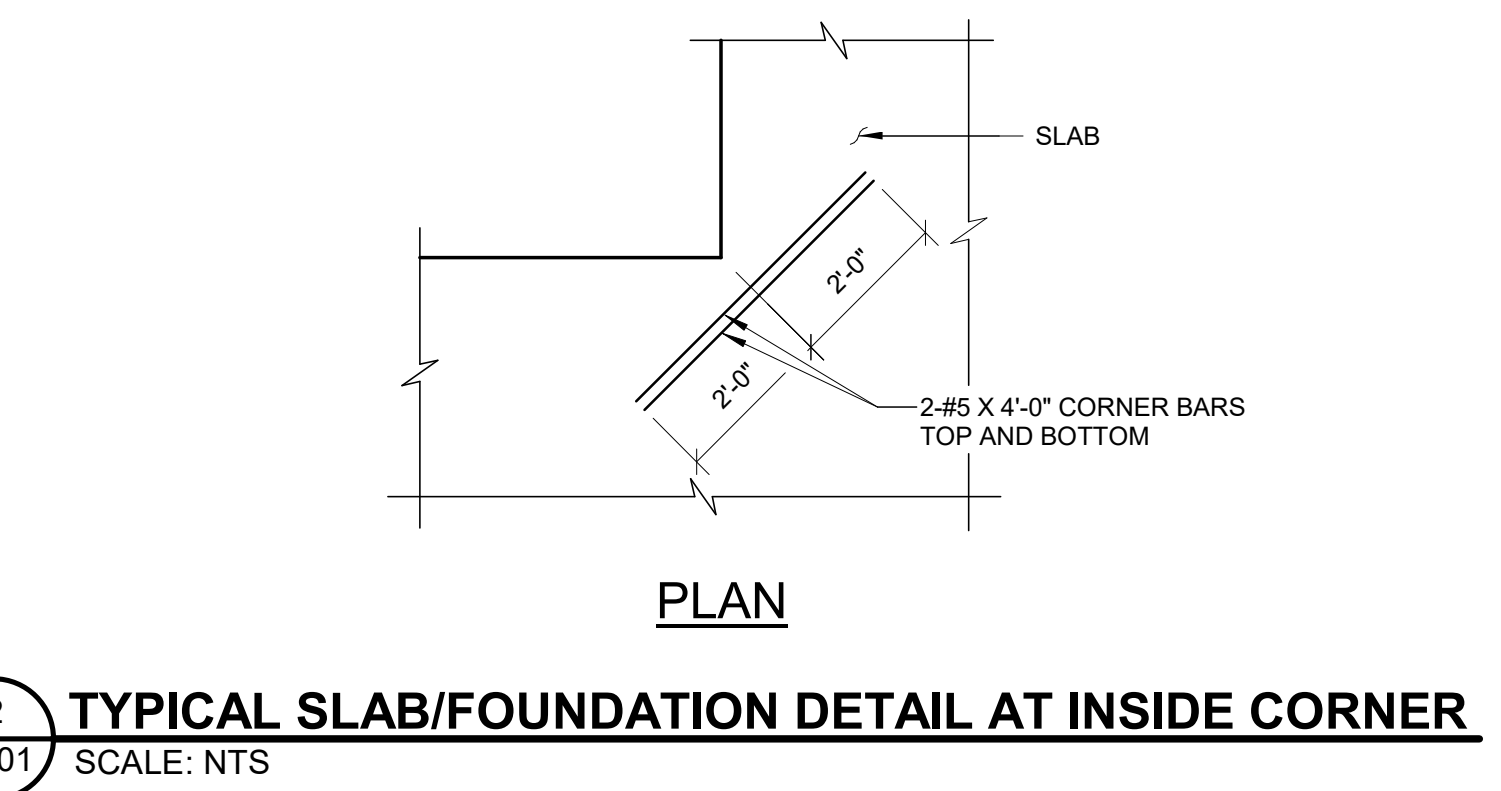
5 TYPICAL SECTION AT PILE
S001 SCALE: 3/4" = 1'-0"



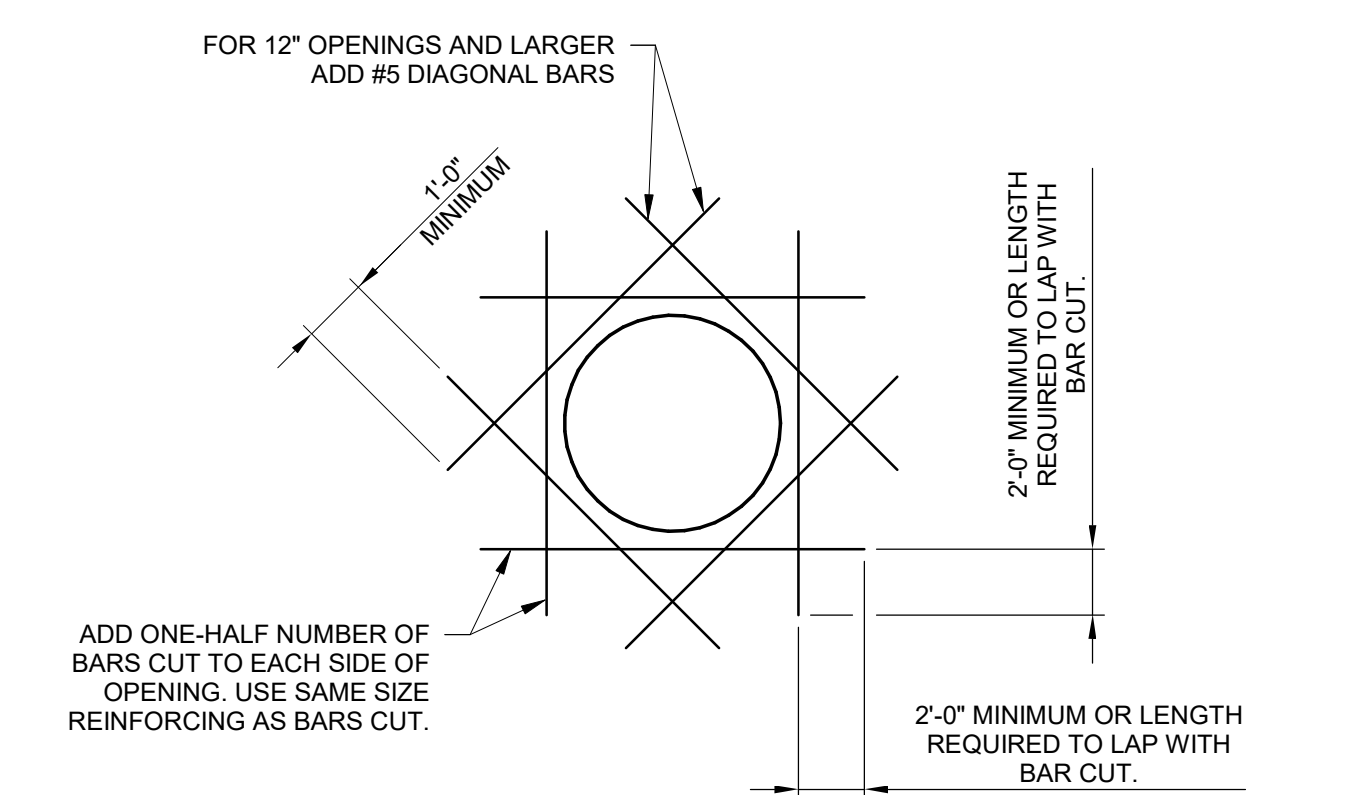
7 CONCRETE CONNECTION AND PLATFORM INTERFACE
S001 SCALE: 3/4" = 1'-0"



4 TYPICAL SLAB ON GRADE CONTRACTION JOINT DETAIL
S001 SCALE: NTS



2 TYPICAL SLAB/FOUNDATION DETAIL AT INSIDE CORNER
S001 SCALE: NTS

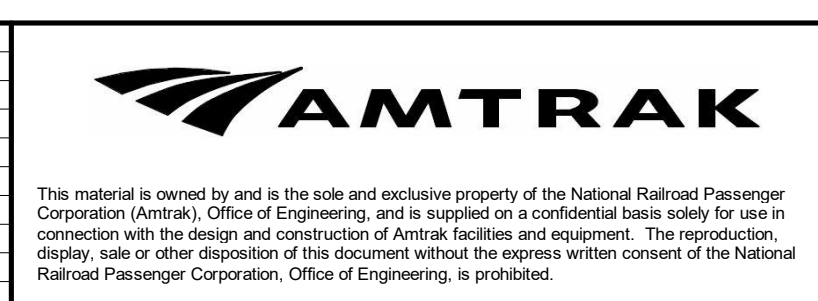


- NOTES:
 1. CIRCULAR OPENING SHOWN, RECTANGULAR OPENING SIMILAR.
 2. EXTRA REINFORCING SHALL BE PROVIDED IN BOTH FACES UNLESS TYPICAL REINFORCING IS PLACED IN SINGLE LAYER ONLY.
 3. WHEN DOWEL BARS ARE CUT PROVIDE DOWELS EACH SIDE OF OPENING IN ACCORDANCE WITH THIS DETAIL.

1 REINFORCING AT WALL AND SLAB OPENINGS
S001 SCALE: NTS

Local File: BIM_860\067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
 Central File: BIM860_S_Central_R20.rvt
 Project Number: 67435
 11/7/2023 1:23:14 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



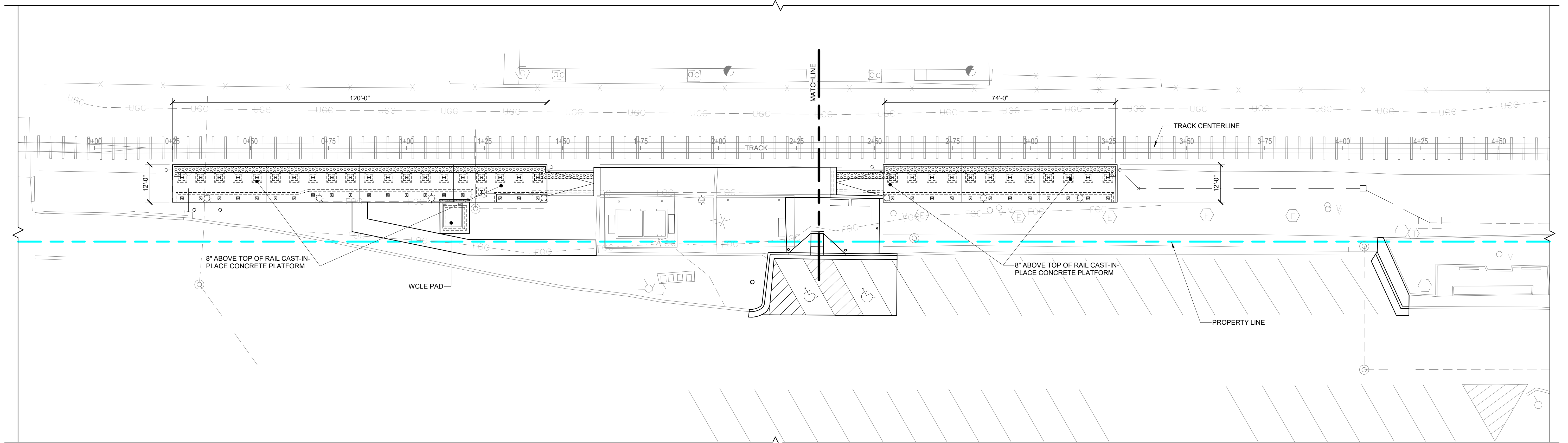
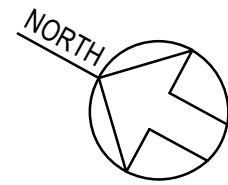
Office of ADA Stations Program
 National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date

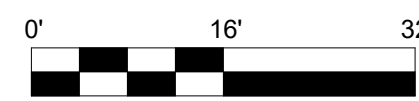


LEE'S SUMMIT (LEE)
 ADA STATIONS PROGRAM (ADASP)
 MISSOURI
 TYPICAL DETAILS
 Designed CCA Drawn DSD Checked SME Date 11/03/2023

Project Code: 67435
WBS: CEN 100694.0131
Sheet No. 16 OF 41
Dwg. No. S001

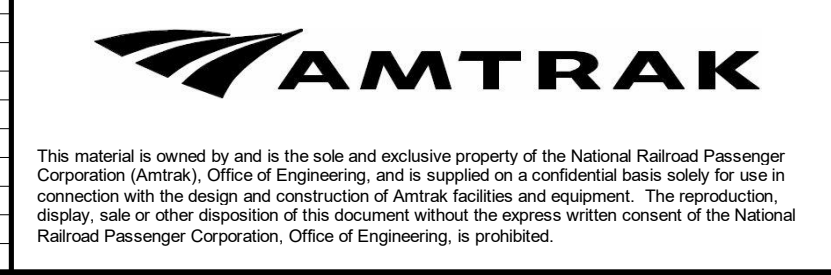


1 OVERALL SITE PLAN
S100 SCALE: 1/16" = 1'-0"



Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
Central File: BIM360/S_central_R20.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



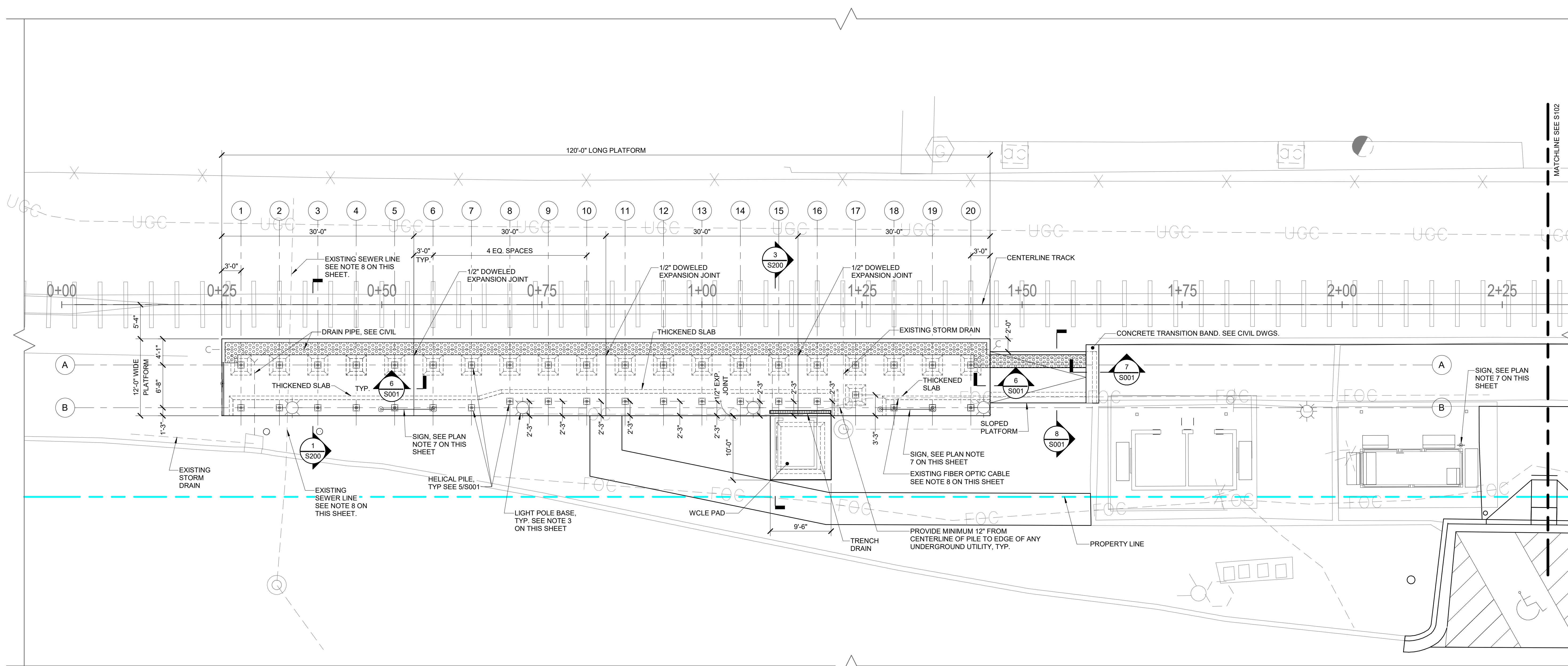
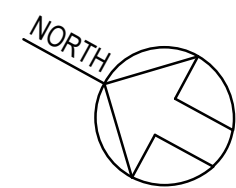
Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date

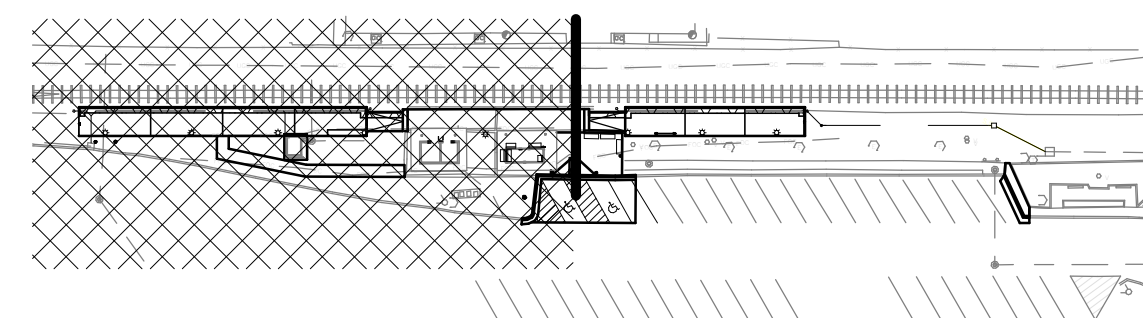
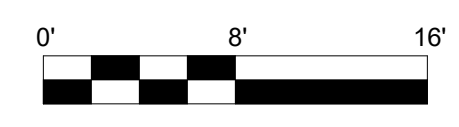


LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)
MISSOURI
OVERALL SITE PLAN
Designed CCA Drawn DSD Checked SME Date 11/03/2023

Project Code: 67435
WBS: CEN 100694.0131
Sheet No. 17 OF 41
Draw. No. S100



1 FOUNDATION/PLATFORM PLAN
S101 SCALE: 1/8" = 1'-0"

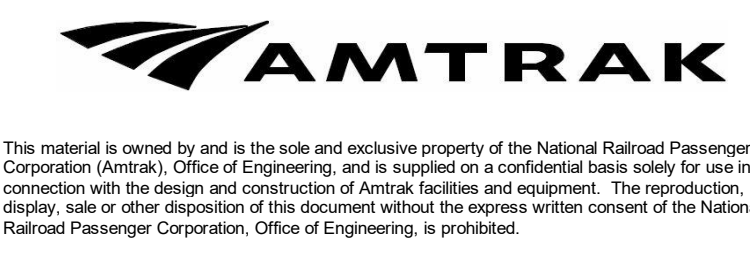


KEYPLAN

- PLAN NOTES:**
- SEE CIVIL DRAWINGS FOR COMPLETE PLATFORM SLOPES, ELEVATIONS AND EXTENT OF STAMPED CONCRETE.
 - STAMPED CONCRETE PATTERN AND PIGMENT SHALL MATCH EXISTING PLATFORM PAVERS.
 - SEE ELECTRICAL DRAWINGS FOR LIGHT POLE LOCATIONS.
 - SEE CIVIL DRAWINGS FOR GRADING PLAN.
 - SEE S201 FOR LIGHT POLE AND SIGNAGE FOUNDATION DETAILS.
 - SEE ARCHITECTURAL FOR RAILING DETAILS.
 - SEE ARCHITECTURAL DRAWINGS FOR SIGN STRUCTURE LOCATIONS.
 - POSITIVELY IDENTIFY LOCATIONS OF UNDERGROUND UTILITIES USING VACUUM EXCAVATION. SUBMIT RESULTS OF VACUUM EXCAVATION FOR REVIEW BY DESIGNER OF RECORD PRIOR TO INSTALLATION OF PILES. SUBMIT PLANS SHOWING LOCATIONS OF UNDERGROUND UTILITIES MEASURED FROM PROPOSED GRID LINES. MAXIMUM SPACING OF VACUUM EXCAVATION PITS SHALL BE 50 FEET. MINIMUM 2 PITS PER UNDERGROUND UTILITY LINE. ALL NECESSARY PILE MODIFICATIONS MUST BE APPROVED PRIOR TO PROCEEDING WITH WORK. INSTALL HELICAL PILES MINIMUM 12 INCHES FROM CENTERLINE OF PILE TO CLOSEST EDGE OF UNDERGROUND UTILITY.

Local File: BIM_8601067435_Amtrak_ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
Central File: BIM_8601067435_Amtrak_ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R20.rvt
Project Number: 67435
11/7/2023 1:29:16 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



Office of ADA Stations Program

National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



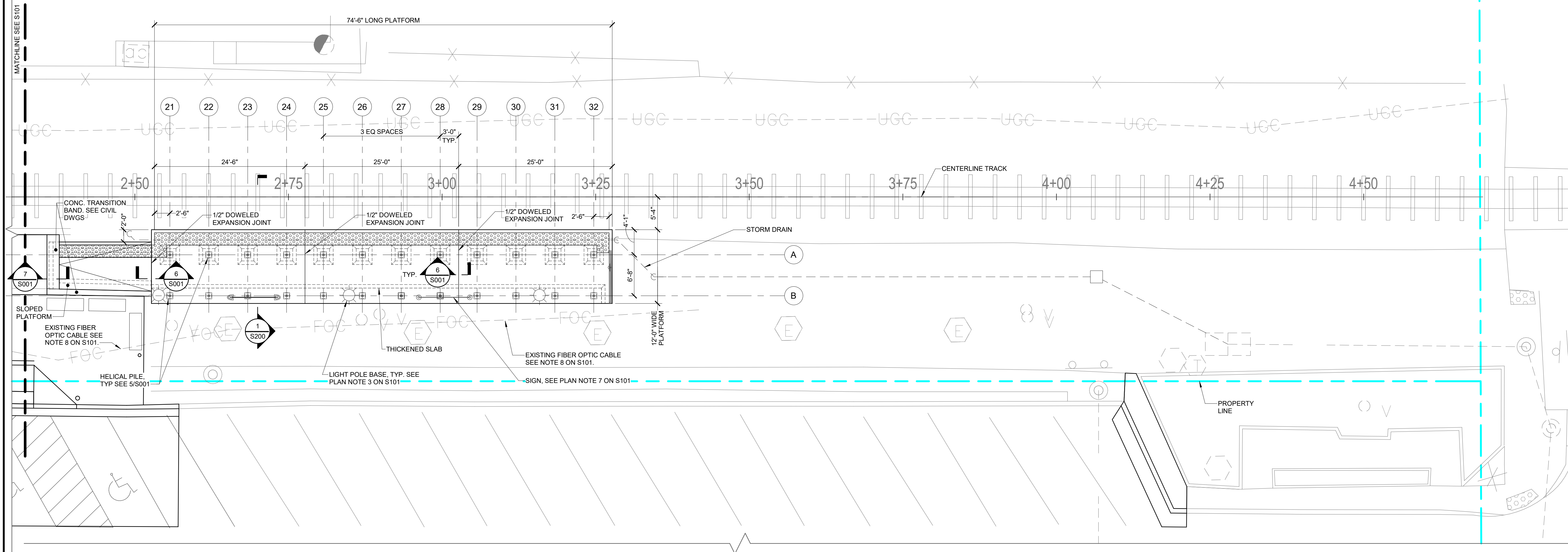
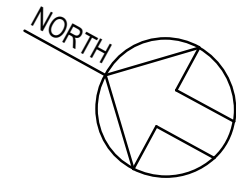
LEE'S SUMMIT (LEE)
ADA STATIONS PROGRAM (ADASP)

MISSOURI

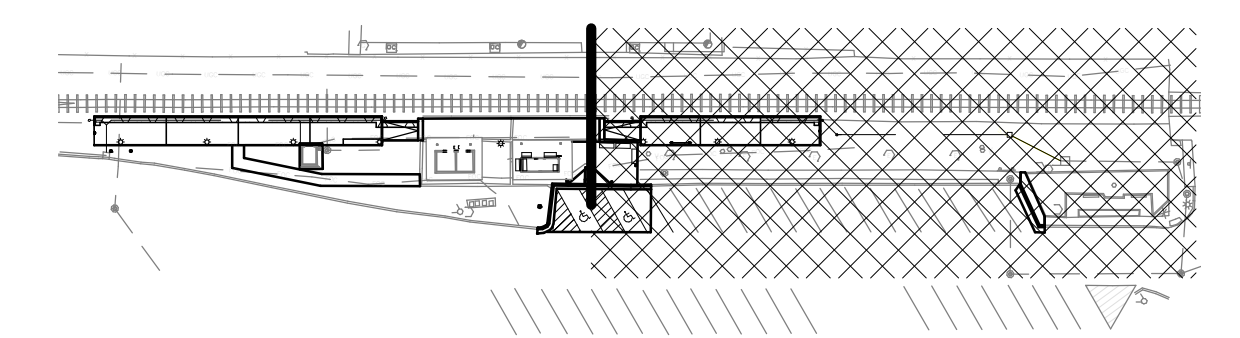
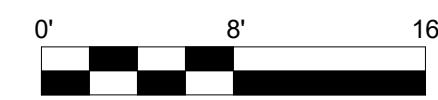
FOUNDATION/PLATFORM PLAN

Designed CCA Drawn DSD Checked SME Date 11/03/2023

Project Code: 67435
WBS: CEN 100694.0131
Sheet No. 18 OF 41
Dwg. No. S101



1 FOUNDATION/PLATFORM PLAN
 S102 SCALE: 1/8" = 1'-0"

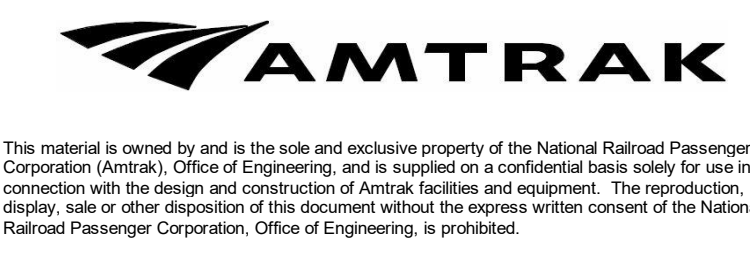


KEYPLAN

NOTE:
 1. SEE PLAN NOTES ON S101.

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
 Central File: BIM360_S_Central_R20.rvt
 Project Number: 67435
 11/7/2023 1:29:17 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



Office of ADA Stations Program
 National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

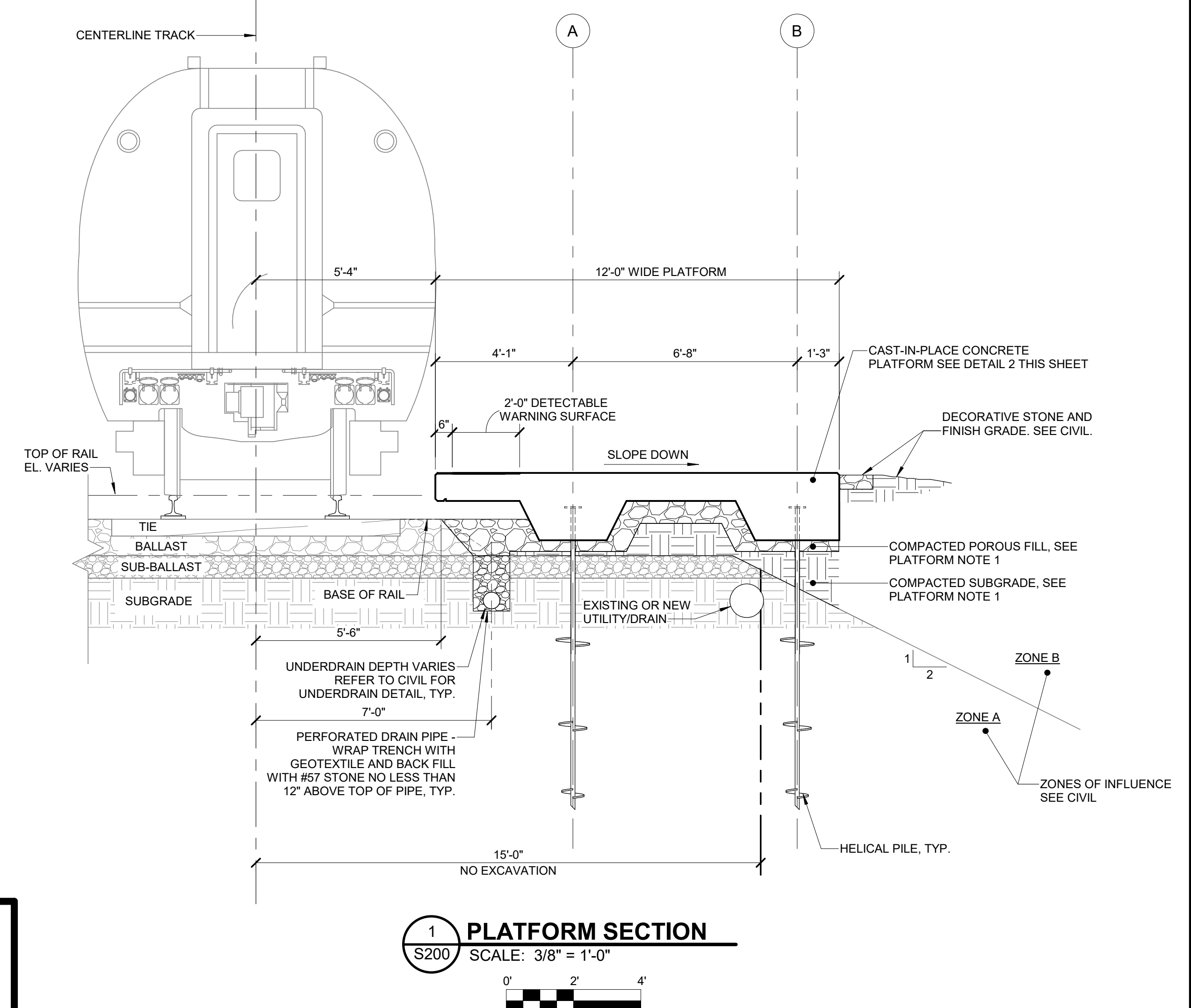
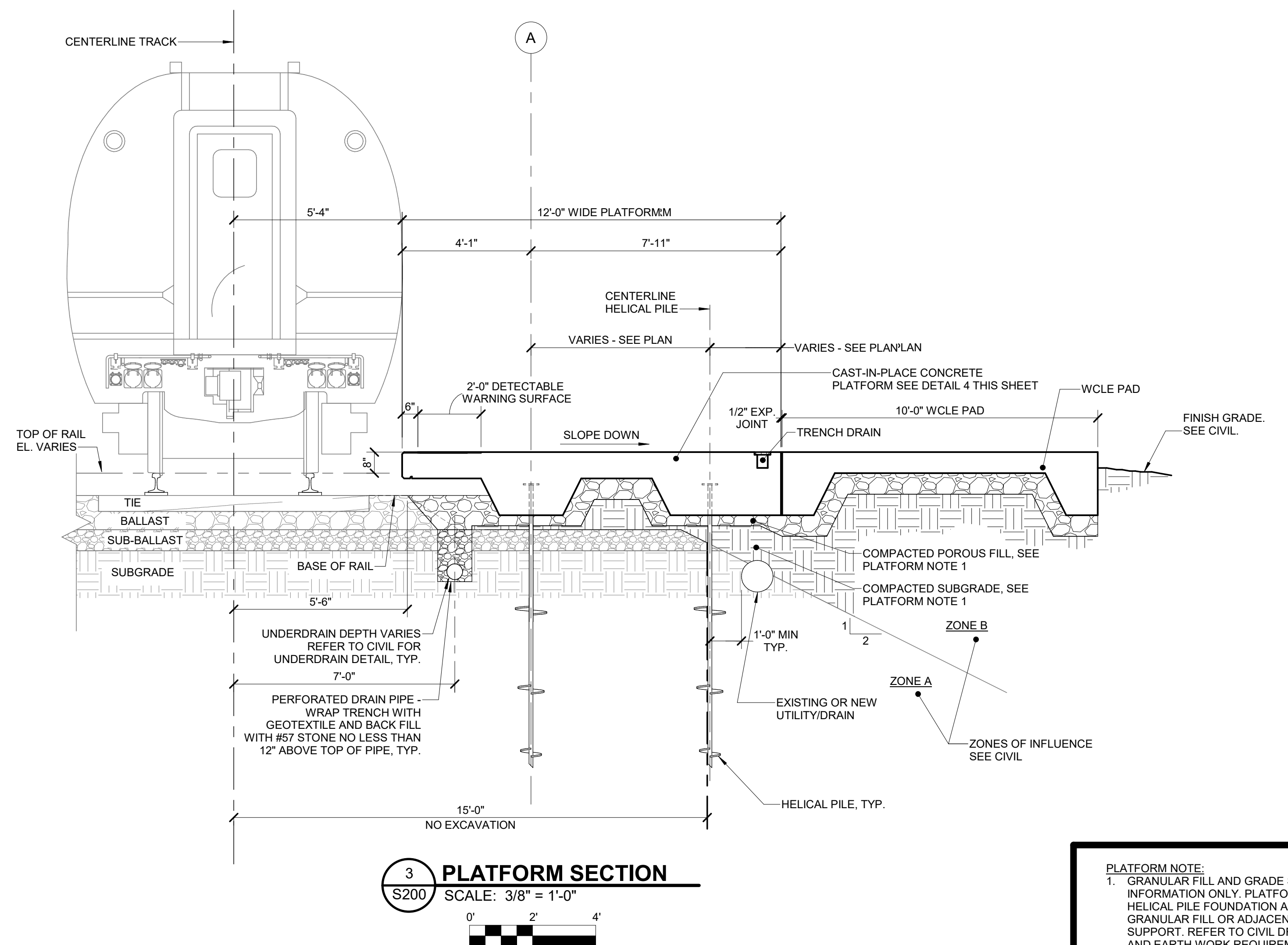
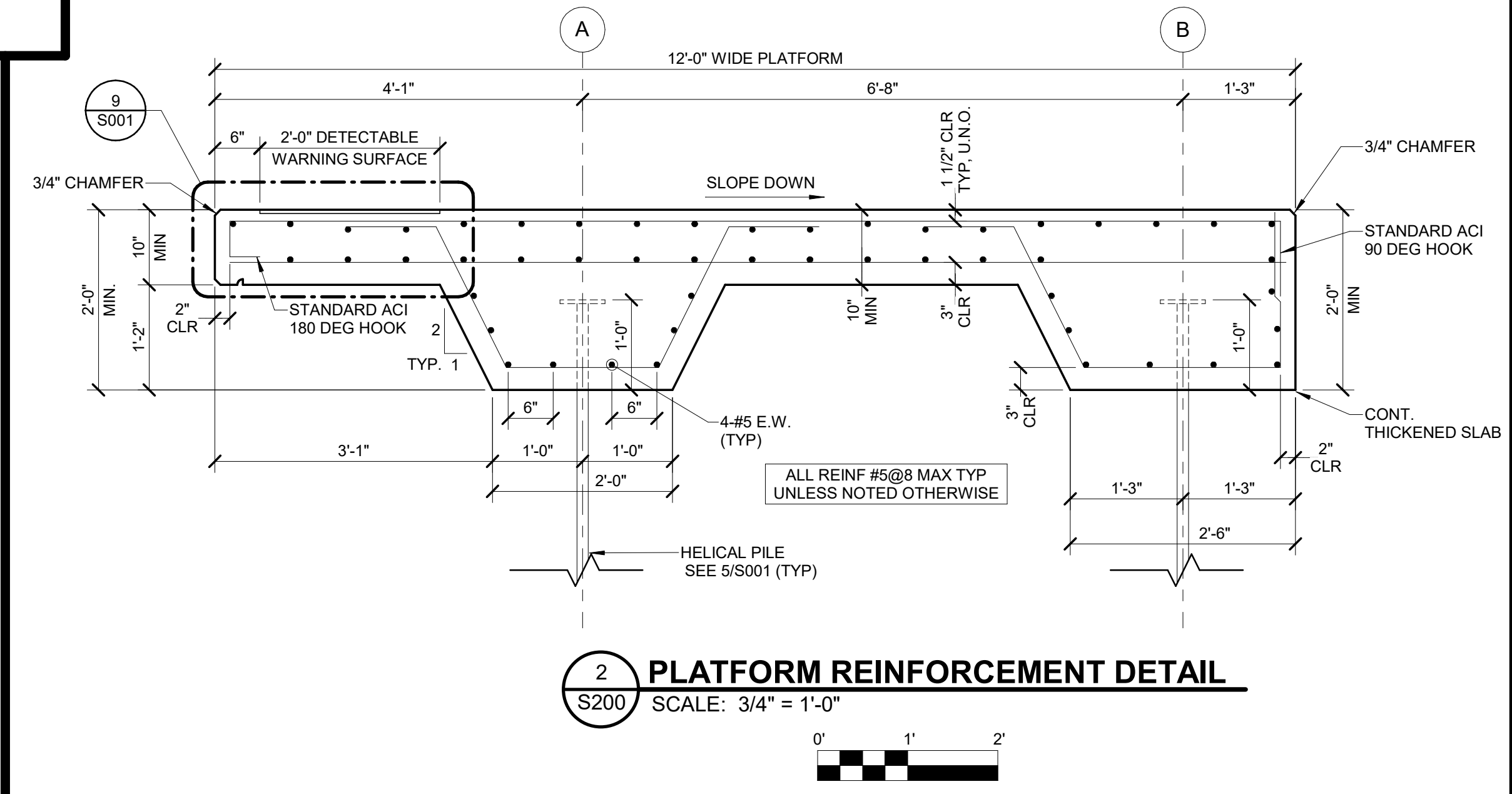
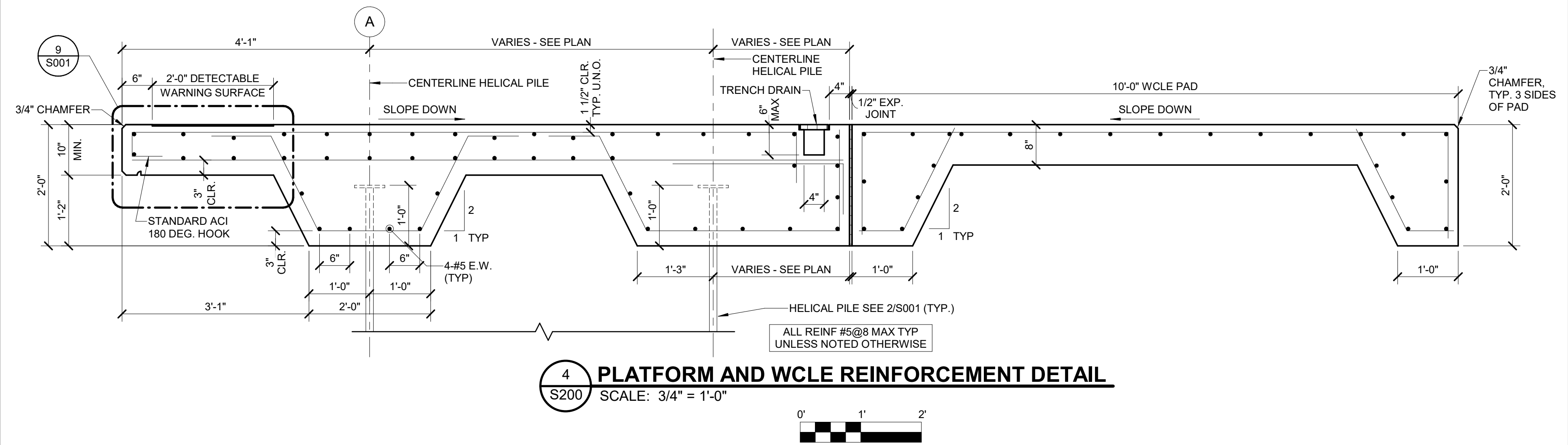
Approved	Date



LEE'S SUMMIT (LEE)
 ADA STATIONS PROGRAM (ADASP)
 MISSOURI
 FOUNDATION/PLATFORM PLAN
 Designed CCA Drawn DSD Checked SME Date 11/03/2023

Project Code: 67435
 WBS: CEN 100694.0131
 Sheet No. 19 OF 41
 Dwg. No. **S102**

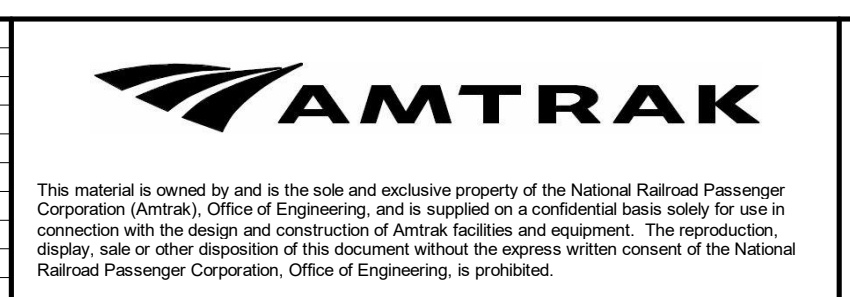
SHEET NOTES:
 1. ALL REINFORCING STEEL SHALL BE EPOXY COATED.
 2. FOR PLATFORM SLOPES SEE CIVIL.



PLATFORM NOTE:
 1. GRANULAR FILL AND GRADE SHOWN FOR GENERAL INFORMATION ONLY. PLATFORM IS SUPPORTED ON A HELICAL PILE FOUNDATION AND DOES NOT NEED GRANULAR FILL OR ADJACENT GRADE FOR STRUCTURAL SUPPORT. REFER TO CIVIL DRAWINGS FOR DRAINAGE AND EARTH WORK REQUIREMENTS.

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
 Central File: BIM360_S_Central_R20.rvt
 Project Number: 67435
 11/7/2023 1:23:18 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



Office of ADA Stations Program
 National Railroad Passenger Corporation
 1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

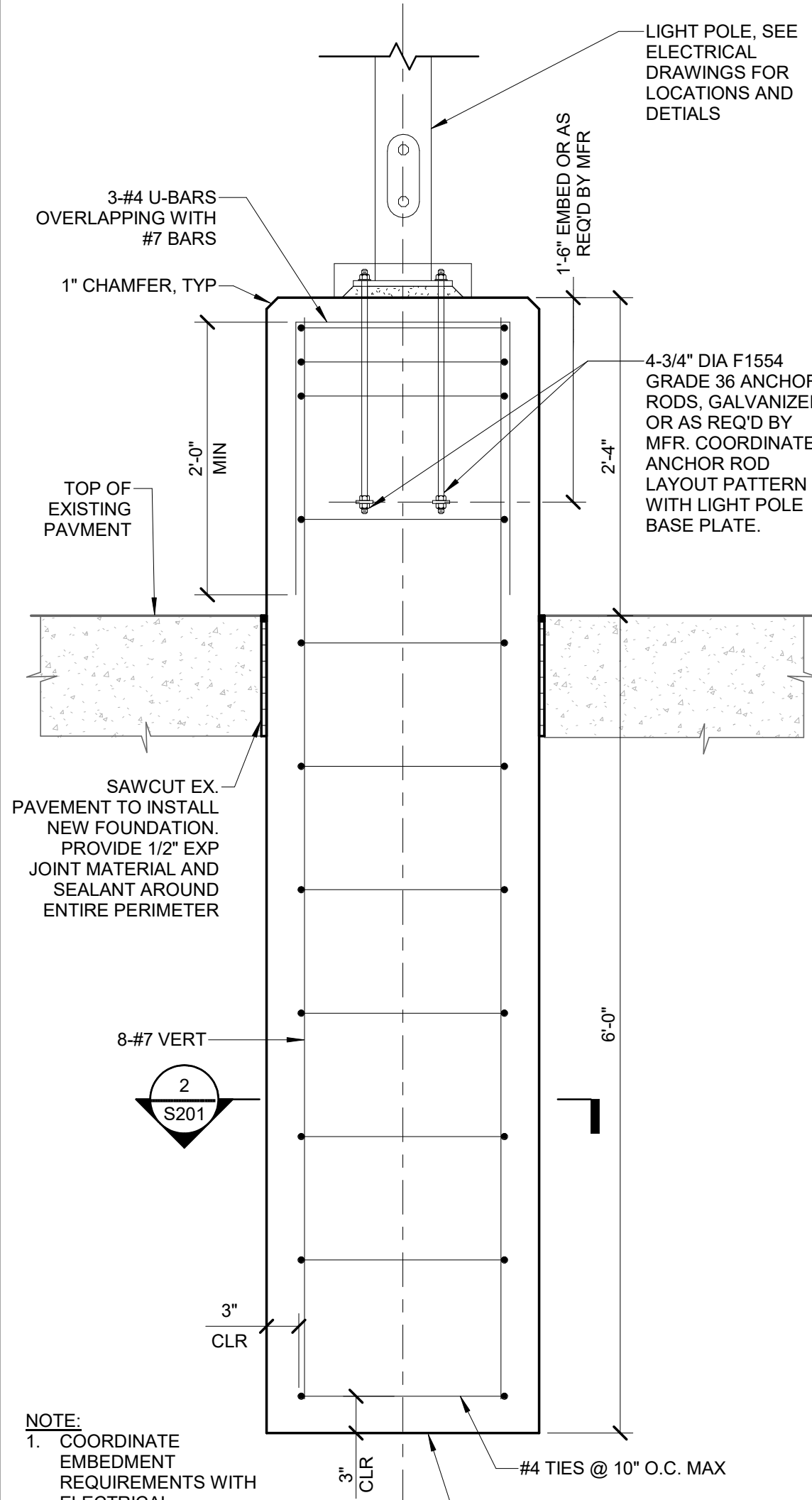
Approved	Date



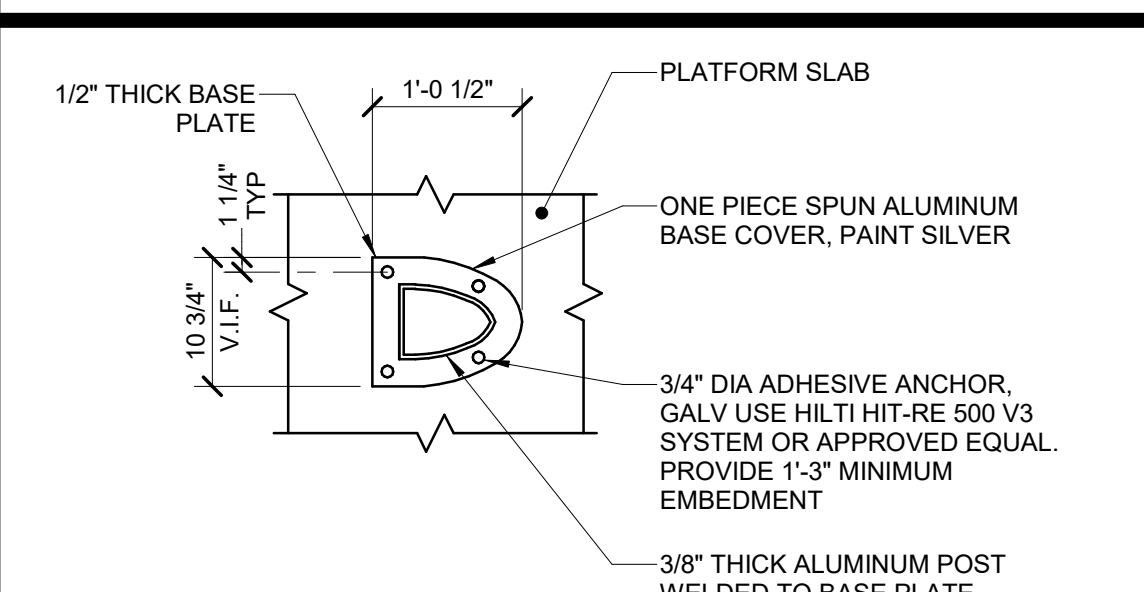
LEE'S SUMMIT (LEE)
 ADA STATIONS PROGRAM (ADASP)

DESIGNED: CCA
 DRAWN: DSD
 CHECKED: SME
 DATE: 11/03/2023

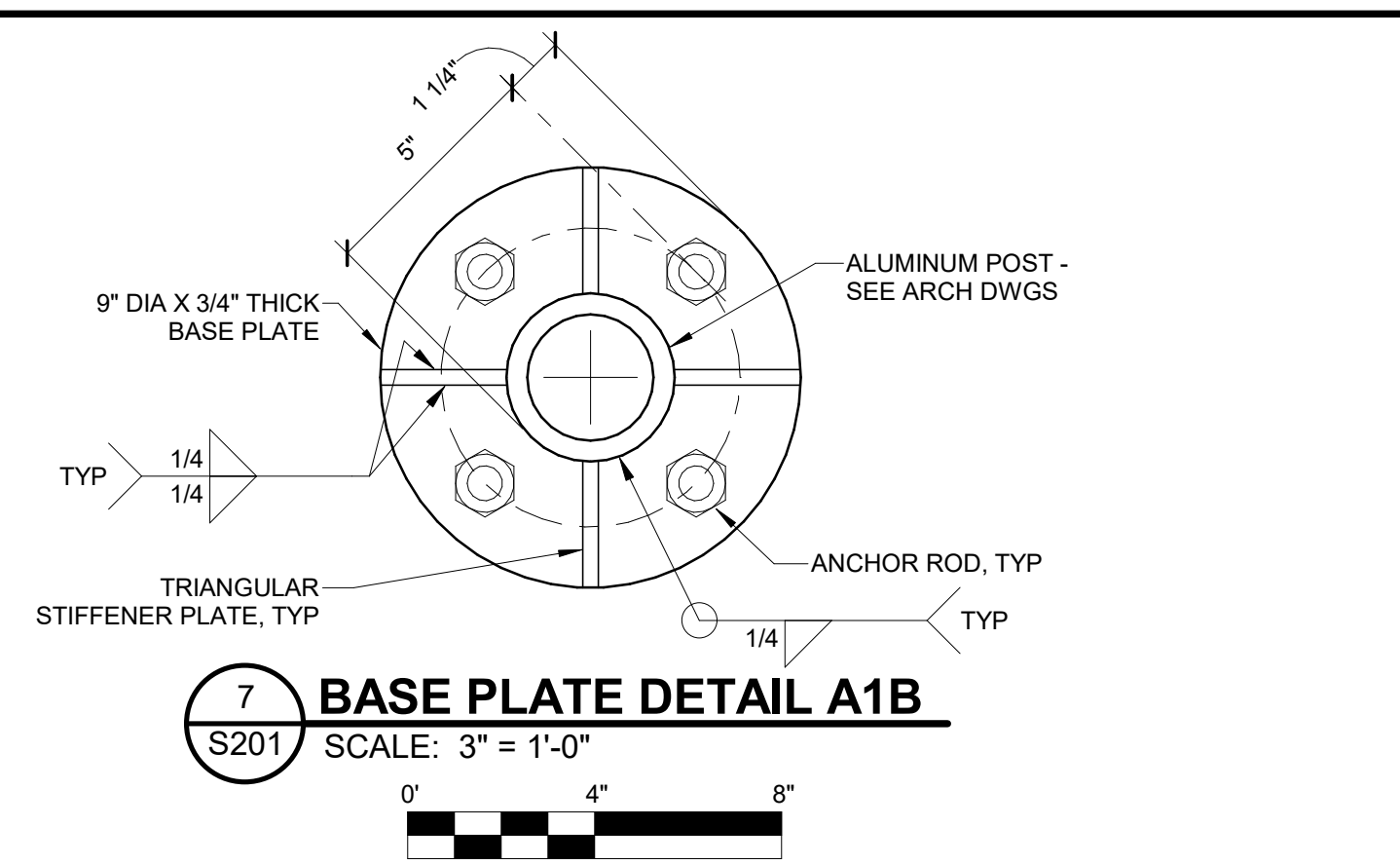
MISSOURI
 Project Code: 67435
 WBS: CEN 100694.0131
 Sheet No. 20 OF 41
 Dwg. No. S200



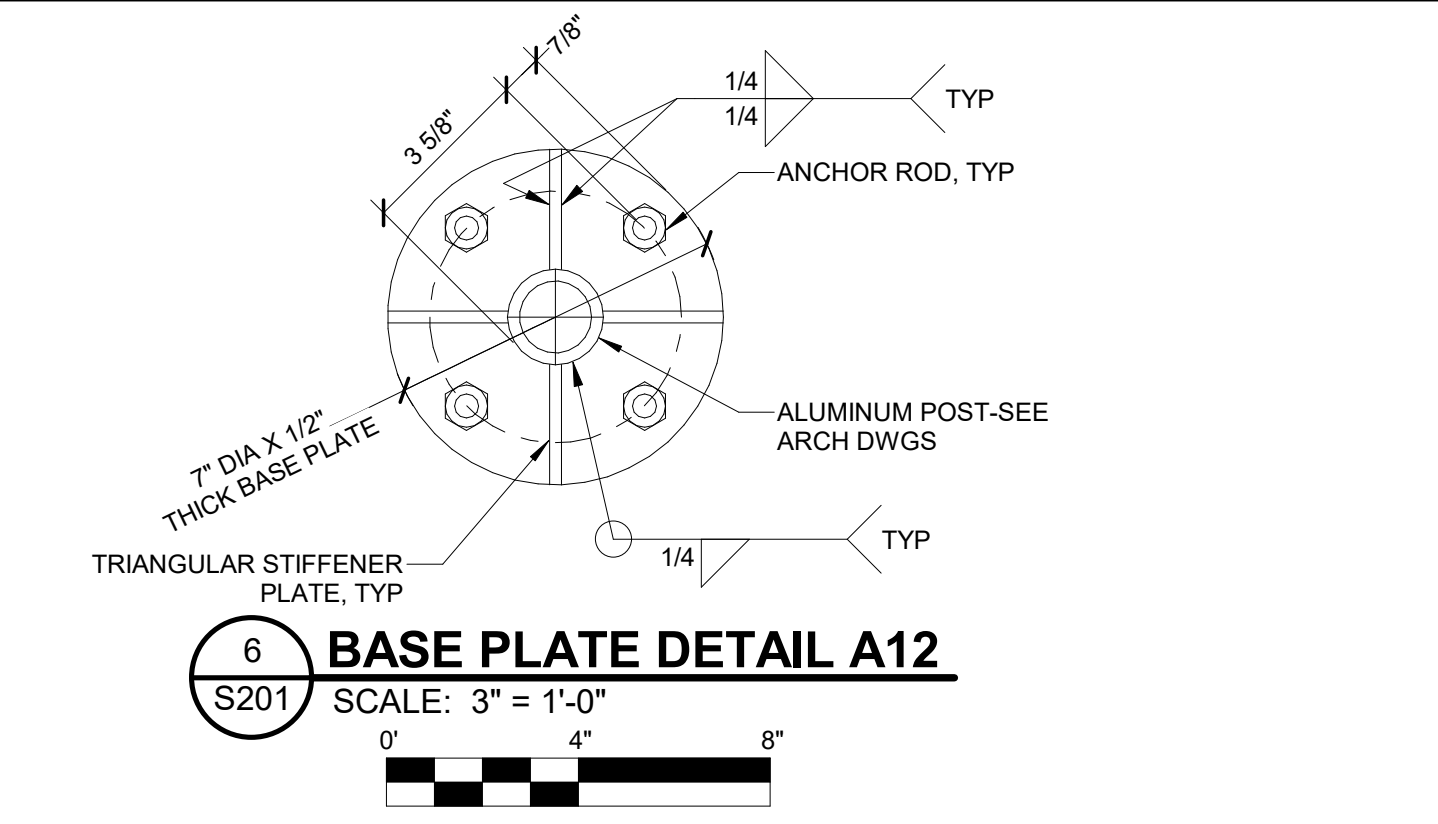
9 LIGHT POLE FOUNDATION
S201 SCALE: 1" = 1'-0"



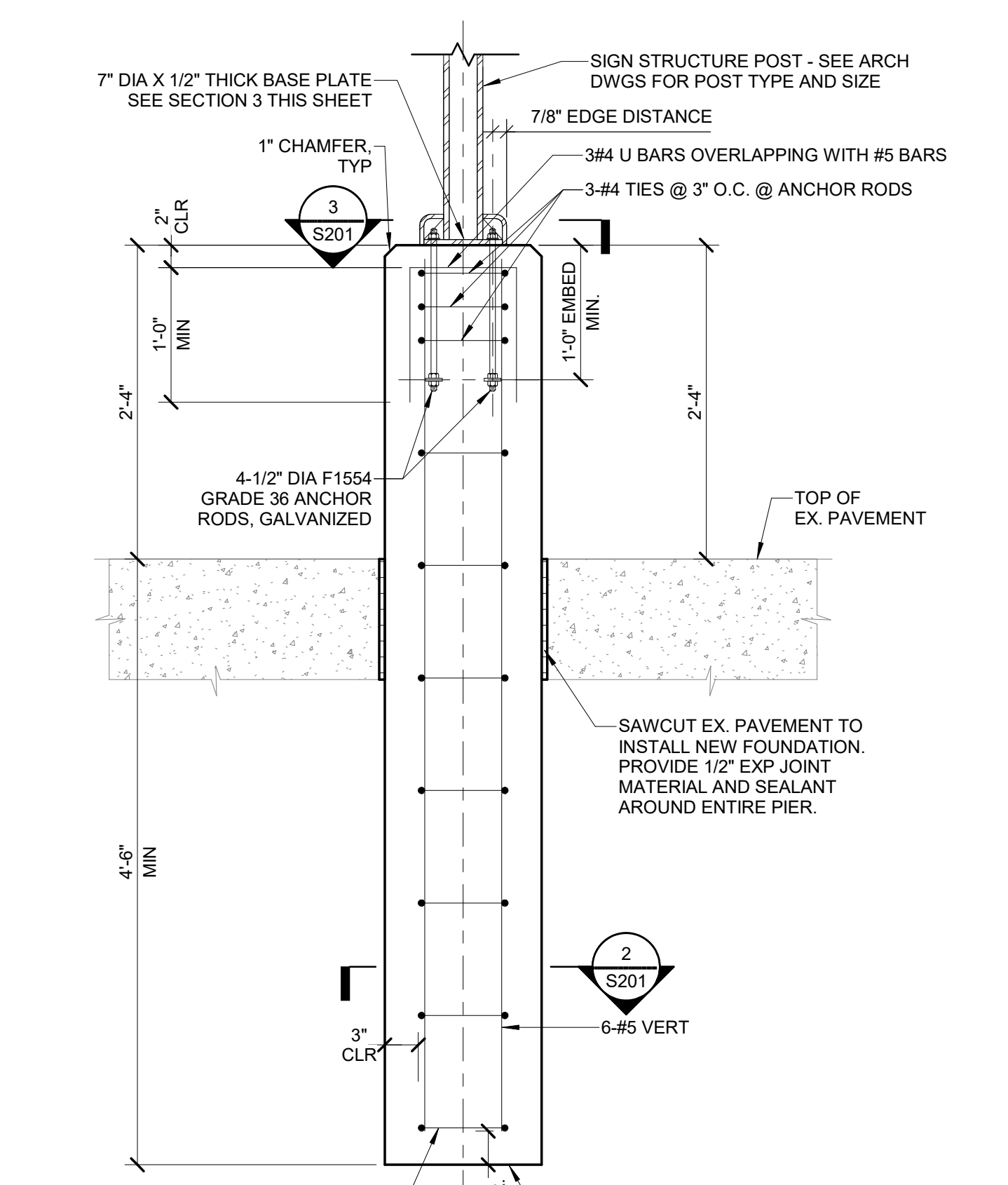
8 SECTION - A11 SIGN BASE PLATE
S201 SCALE: 3/4" = 1'-0"



7 BASE PLATE DETAIL A1B
S201 SCALE: 3" = 1'-0"



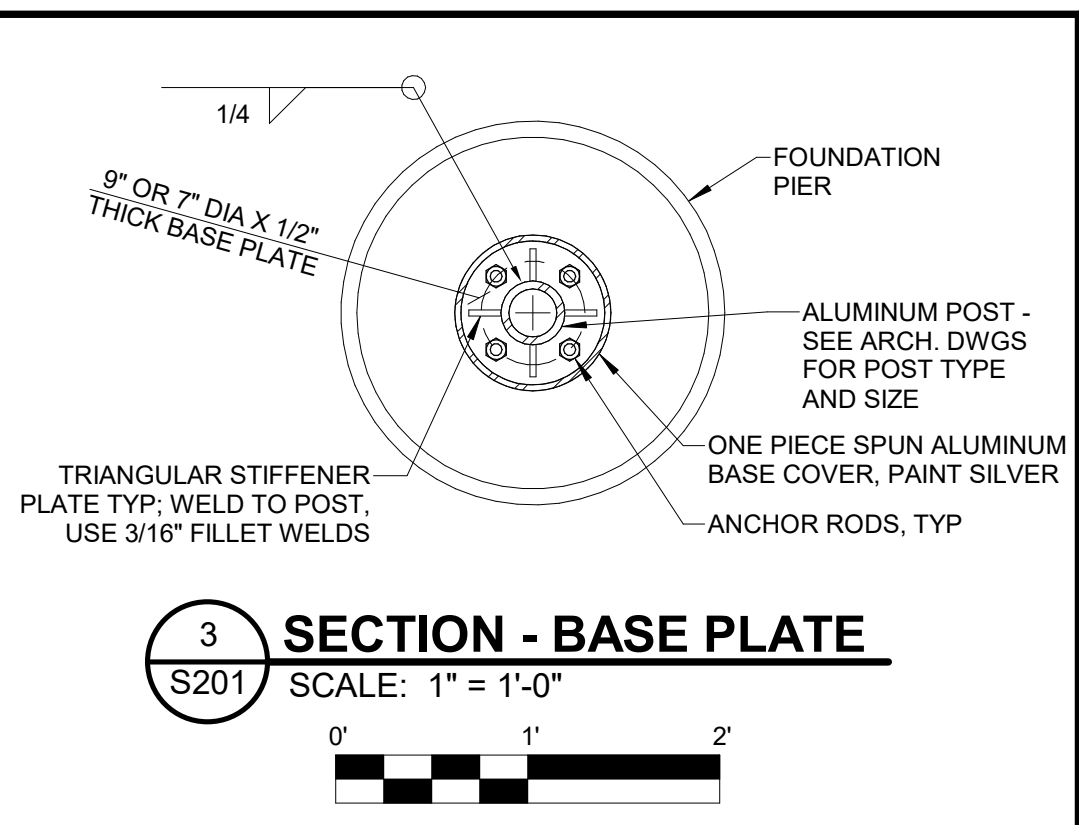
6 BASE PLATE DETAIL A12
S201 SCALE: 3" = 1'-0"



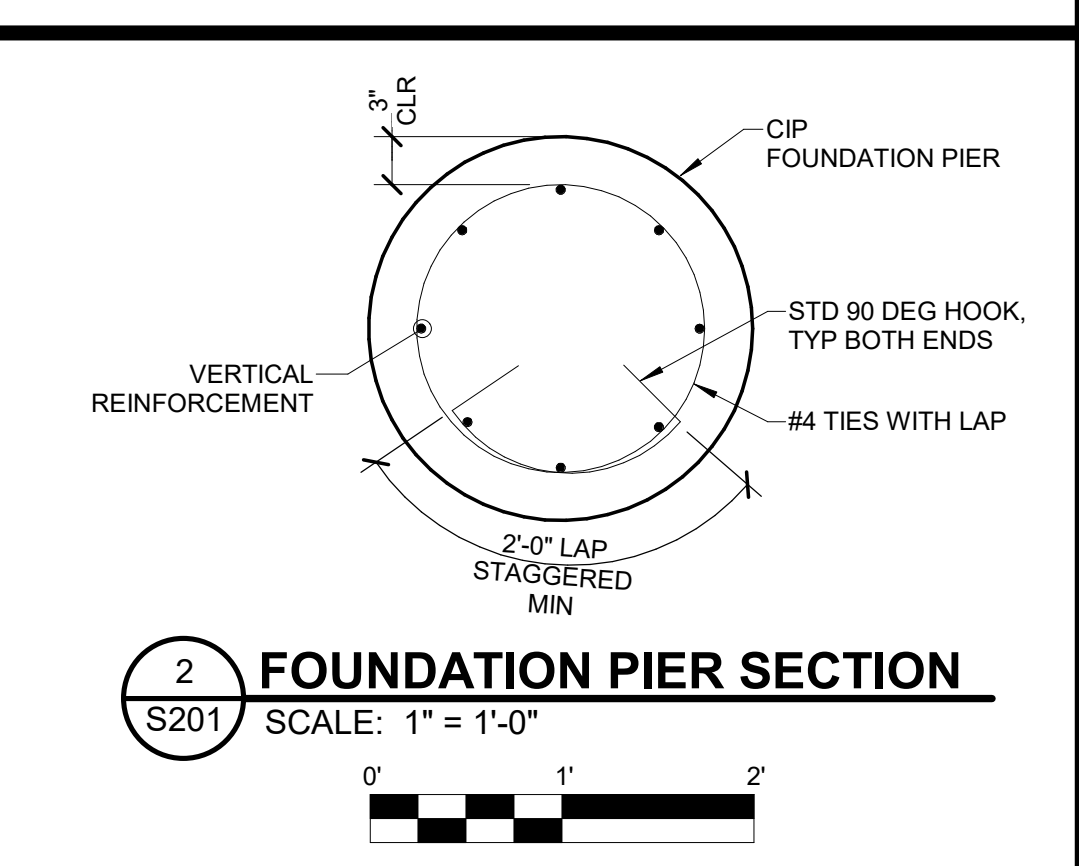
5 SIGN STRUCTURE FOUNDATION - SIGN TYPE A12
S201 SCALE: 1" = 1'-0"

SIGN FOUNDATION SCHEDULE

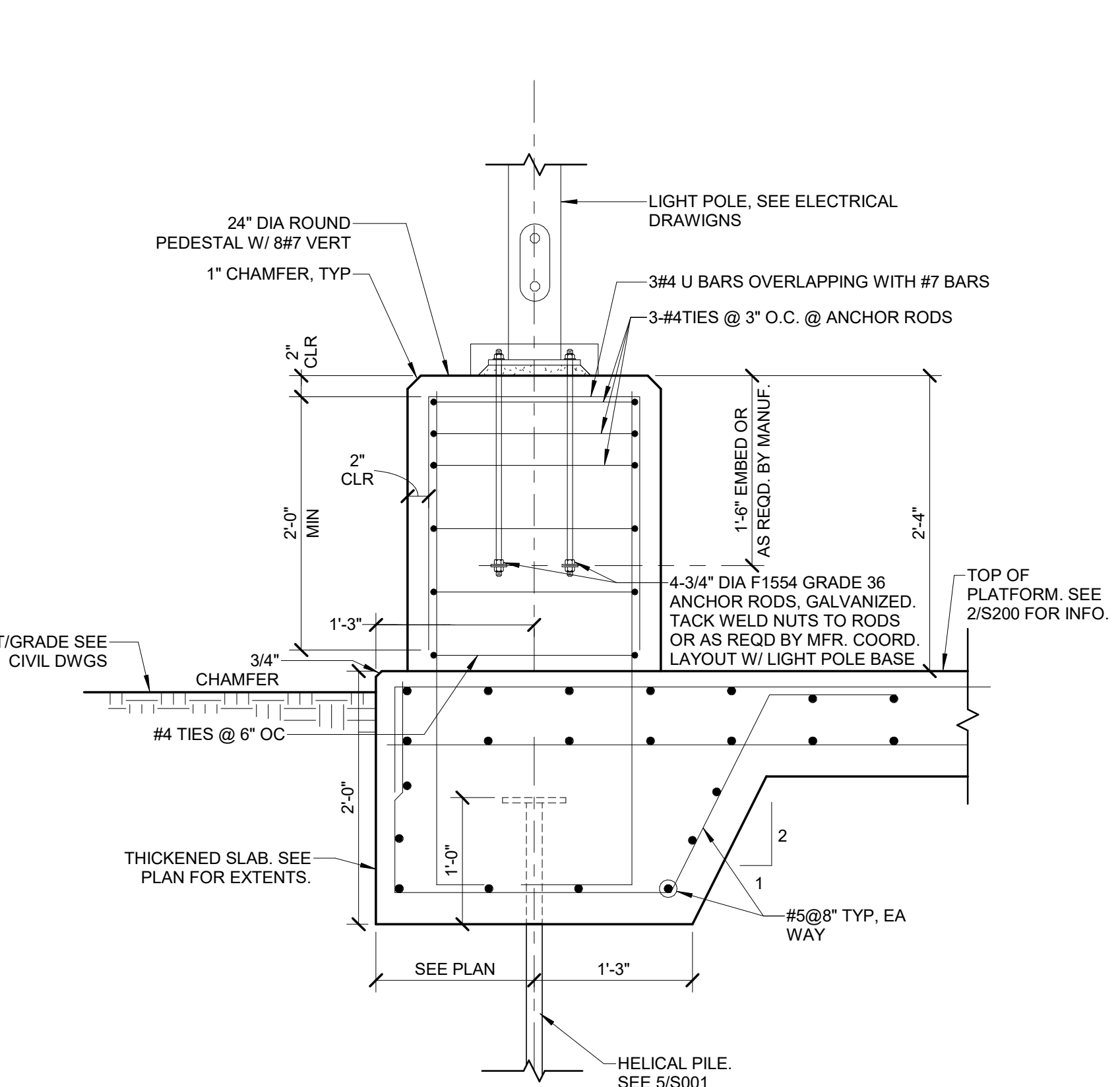
SIGN TYPE	DIAMETER	# OF SIGNS	PIER BASE FOOTINGS PER SIGN	VERTICAL PROJECTION	COMMENTS
A1B	20"	3	2	2'-4" ABOVE PLATFORM OR FINISHED GRADE	SEE DETAIL 1 THIS SHEET
A12	14"	1	1	1'-2" ABOVE PLATFORM OR FINISHED GRADE	SEE DETAIL 5 THIS SHEET



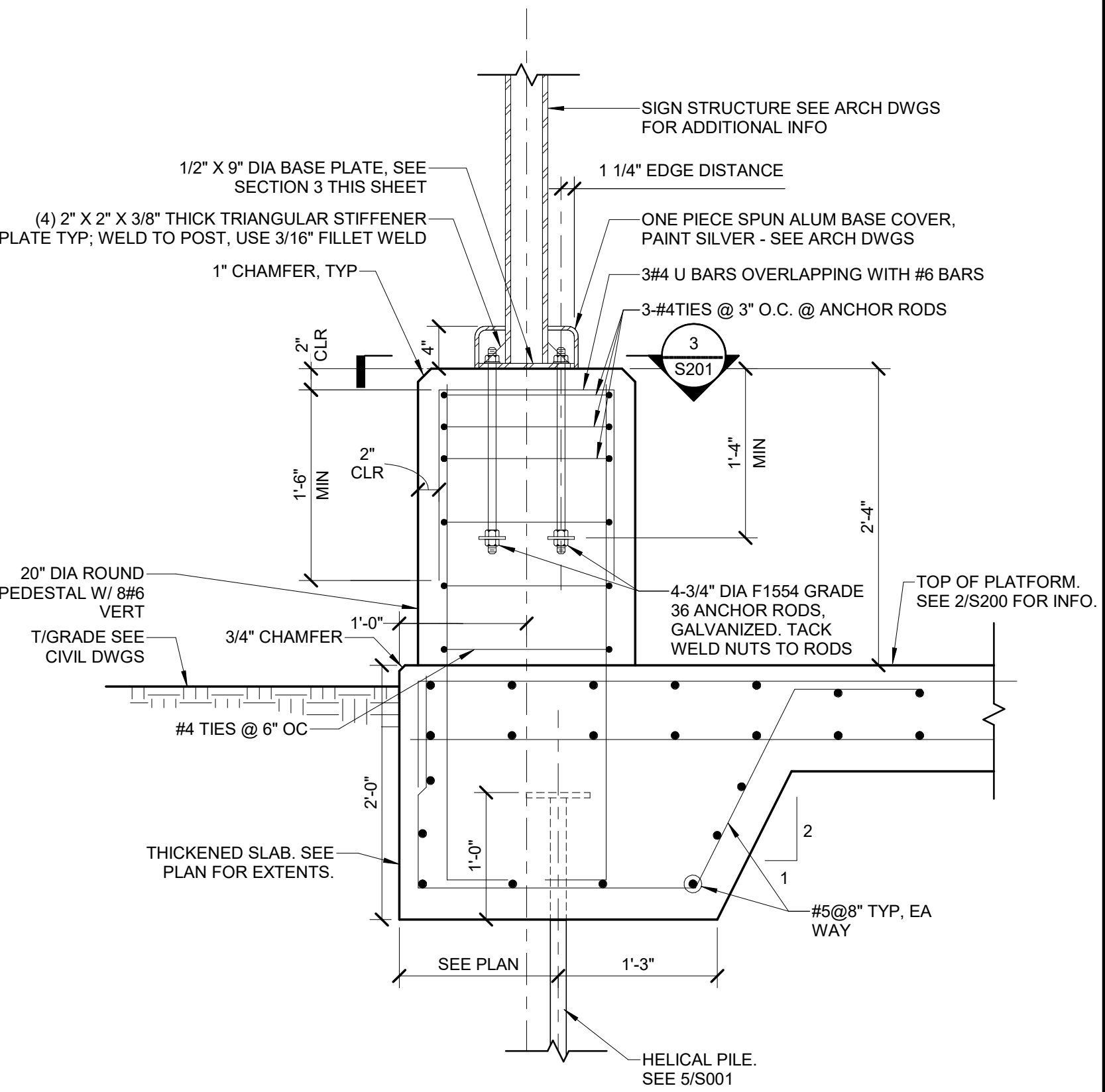
3 SECTION - BASE PLATE
S201 SCALE: 1" = 1'-0"



2 FOUNDATION PIER SECTION
S201 SCALE: 1" = 1'-0"



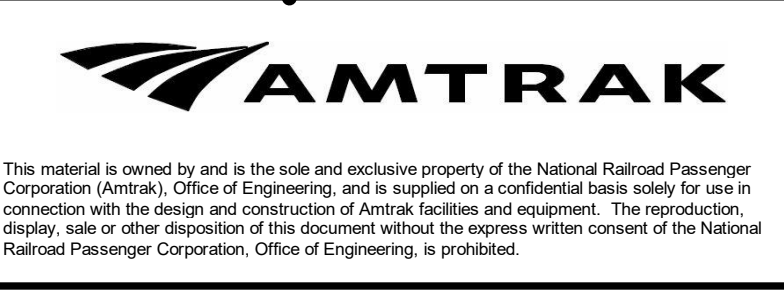
4 LIGHT POLE BASE ON PLATFORM
S201 SCALE: 1" = 1'-0"



1 SIGN STRUCTURE FOUNDATION - A1 SIGN TYPE
S201 SCALE: 1" = 1'-0"

Local File: BIM_360/067435-Amtrak-ADA_IDIQC(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
Central File: BIM360_S_Central_R20.rvt
Project Number: 67435
11/7/2023 1:23:19 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



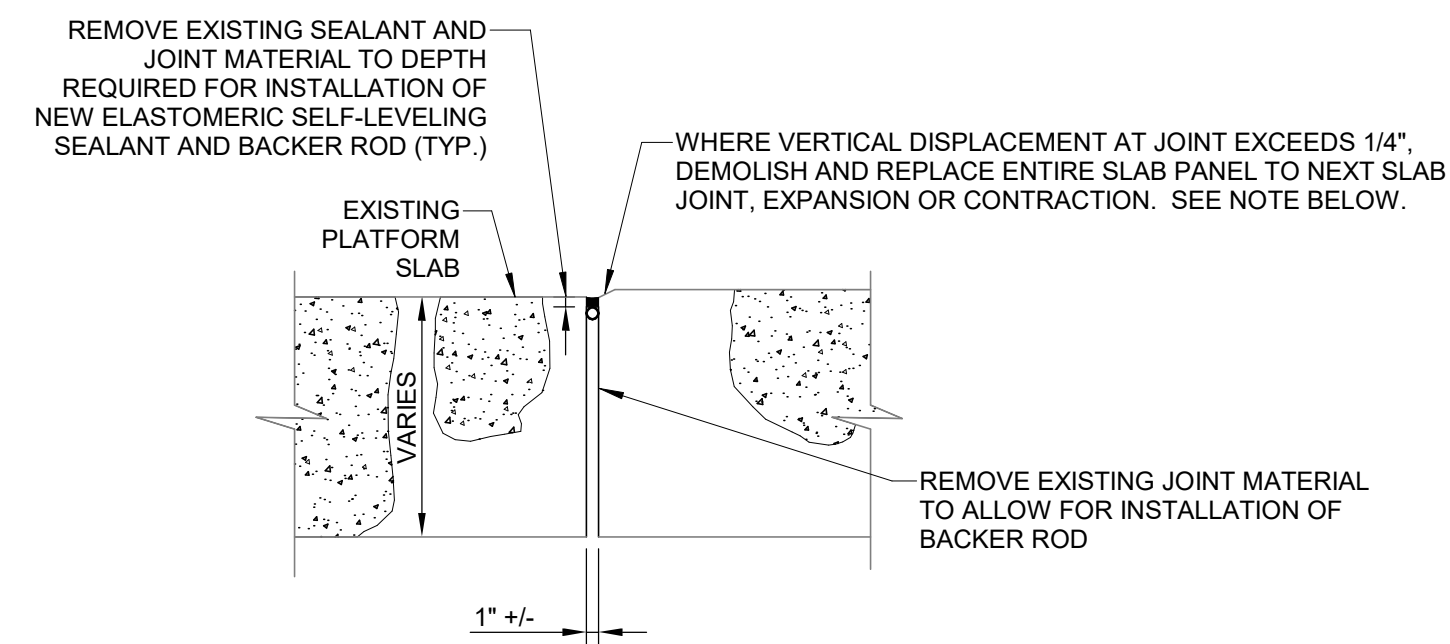
Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)
Missouri
Designed CCA Drawn DSD Checked SME Date 11/03/2023

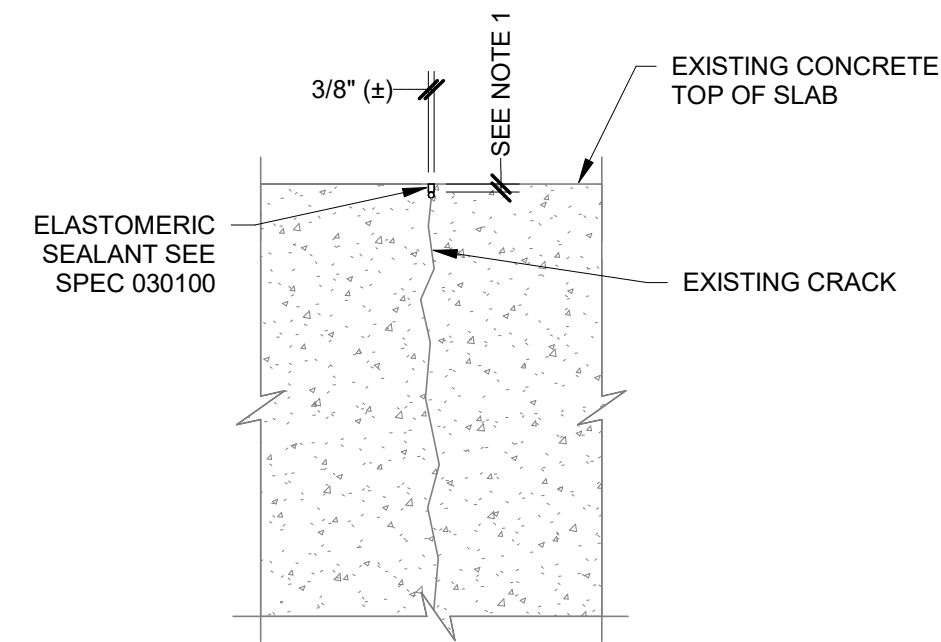
Project Code: 67435
WBS: CEN 100694.0131
Sheet No. 21 OF 41
Dwg. No. S201



ESTIMATED LENGTH OF JOINT REPAIRS = 75 LINEAR FEET

NOTE: SEE CIVIL DETAIL 4/C202 FOR REPLACEMENT SLAB INFORMATION. PROVIDE DOWELED EXPANSION/CONSTRUCTION JOINT. DRILL AND EPOXY GROUT ONE SIDE OF DOWEL INTO EXISTING SLAB. RENDER OPPOSITE SIDE OF DOWEL BONDLESS.

4 REPAIR OF EXISTING JOINT
S202 SCALE: NTS

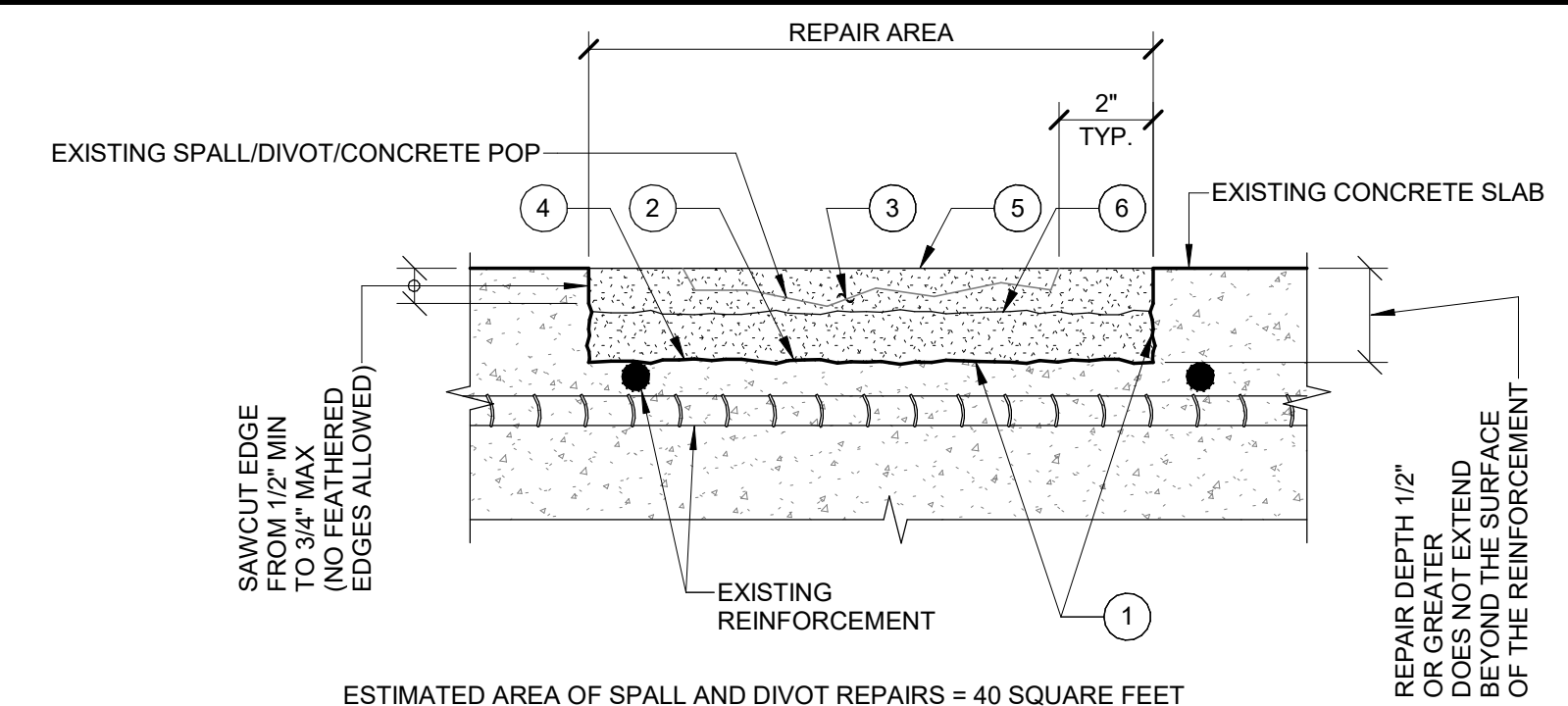


ESTIMATED LENGTH OF CRACK REPAIRS = 20 LINEAR FEET

NOTES:

1. SAW CUT 1/4" TO 1/2" V-NOTCH GROOVE FOR INSTALLATION OF NEW SEALANT (TYP) UNLESS NOTED OTHERWISE. CRACK LESS THAN 1/4" WIDE NEED NOT BE REPAIRED.

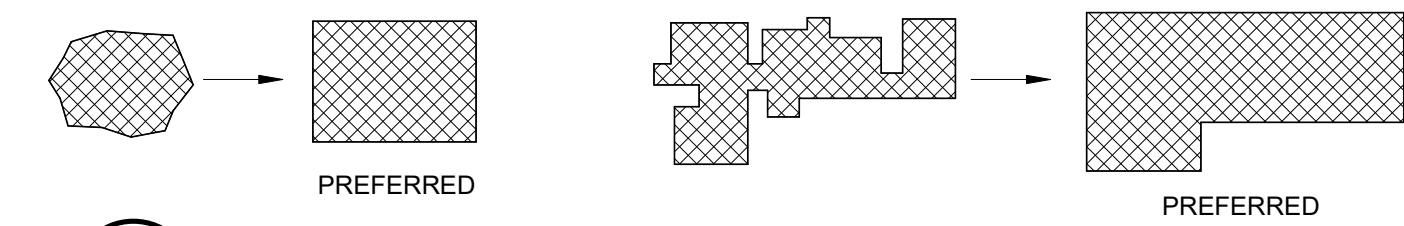
3 CONCRETE CRACK REPAIR
S202 SCALE: NTS



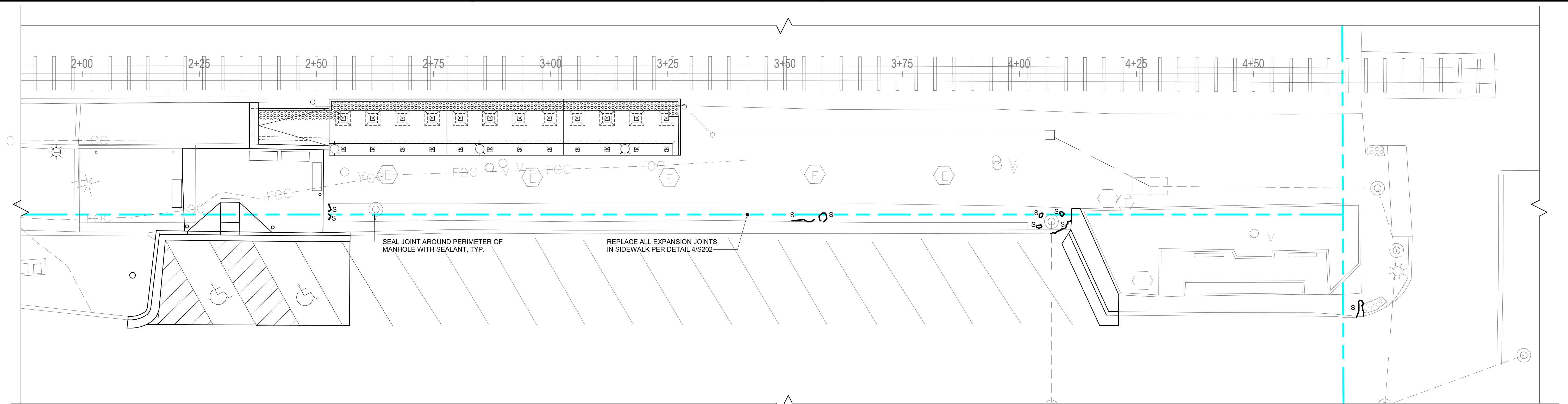
ESTIMATED AREA OF SPALL AND DIVOT REPAIRS = 40 SQUARE FEET

NOTES:

1. REMOVE ALL UNSOUND CONCRETE AND CLEAN ALL EXPOSED SURFACES PER REPAIR MORTAR MANUFACTURER'S PUBLISHED INSTRUCTIONS. ROUGHEN SURFACE PER ICRI-GUIDELINE NO. 310.2R CSP 6 UNLESS OTHERWISE NOTED.
2. APPLY AN EPOXY BONDING AGENT.
3. REPAIR MORTAR SHALL BE A TWO-COMPONENT POLYMER-MODIFIED CEMENTITIOUS TROWEL-GRADE MORTAR PER SPEC 030100. EXTEND MORTAR WHEN REPAIR THICKNESS OR LIFT IS GREATER THAN 3/4" PER MANUFACTURER REQUIREMENTS. PLACE REPAIR MORTAR IN STRICT ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
4. CONCRETE COVER OF REINFORCEMENT SHALL NOT BE LESS THAN 1-1/4 INCHES. NOTIFY ENGINEER/INSPECTOR FOR REPAIR PROCEDURES.
5. FINISH SURFACE TO MATCH SURROUNDING EXISTING CONCRETE. CURING REPAIR WORK SHALL BE PER MANUFACTURER'S RECOMMENDATION.
6. WHEN REPAIR MORTAR IS PLACED IN MULTIPLE LIFTS CONTRACTOR SHALL SCORE SURFACE OF MORTAR FOR ADDITIONAL LIFTS AND APPLY A BONDING AGENT BEFORE APPLYING NEW LIFT. UNLESS OTHERWISE NOTED, SPALLS AND DIVOTS WITH MAXIMUM DEPTH LESS THAN 1/4 INCH NEED NOT BE REPAIRED.
7. AT EDGE LOCATIONS PROVIDE ANGLE CUTS. AVOID FEATHER EDGES. PATCH CONFIGURATION SHOULD BE KEPT AS SIMPLE AS POSSIBLE. FOR EXAMPLE:



2 SHALLOW CONCRETE SPALL/DIVOT REPAIR
S202 SCALE: NTS

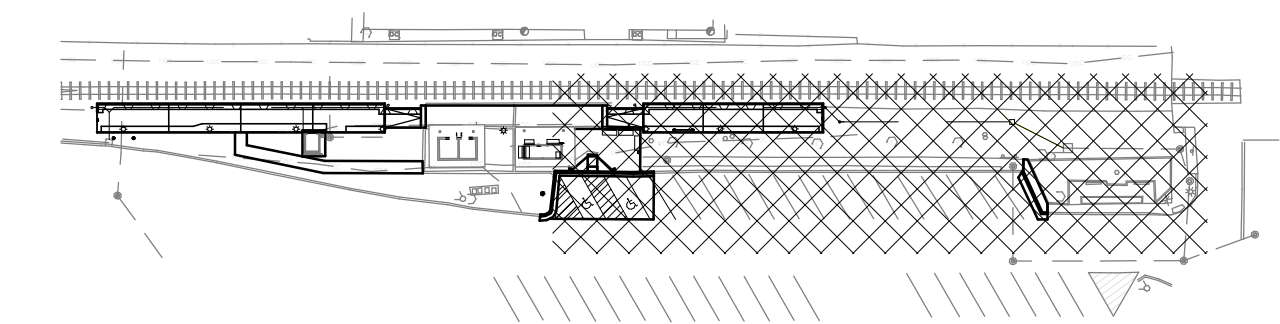


NOTE:
1. LOCATION OF DEFECTS ARE APPROXIMATE AND DO NOT CONSTITUTE AN EXACT DEPICTION OF ALL DEFECTS IN PLATFORM. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DEFECTS INCLUDING THOSE NOT SPECIFICALLY NOTED ON THE DOCUMENTS. SEE DETAILS FOR ESTIMATED QUANTITIES OF DIFFERENT TYPES OF REPAIRS. GENERAL CONTRACTOR TO SUBMIT REPAIR PLAN FOR REVIEW, INCLUDING QUANTITIES FOR EACH REPAIR, PRIOR TO STARTING REPAIR WORK ON SITE.

LEGEND

S = SPALL IN CONCRETE SURFACE - SEE 2/S202

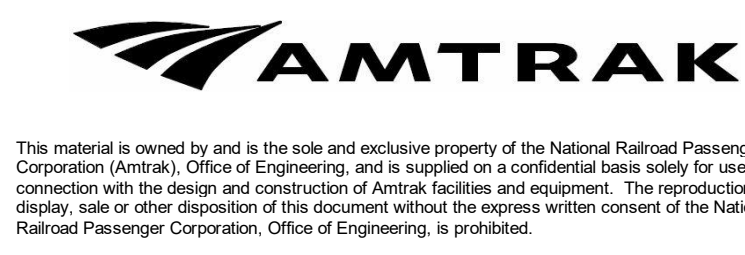
1 CONCRETE REPAIR PLAN
S202 SCALE: 3/32" = 1'-0"



KEYPLAN

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_S_CENTRAL_R21.rvt
Central File: BIM360_S_Central_R20.rvt
Project Number: 67435
11/7/2023 1:23:19 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	TTE



Office of ADA Stations Program
National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
Project Code: 67435	WBS: CEN 100694.0131	Sheet No. 22 OF 41	
CONCRETE REPAIR PLAN AND DETAILS			
Designed CCA	Drawn DSD	Checked SME	Date 11/03/2023

Dwg. No. **S202**

ABBREVIATIONS

ABV ABOVE	GA GAUGE / GAGE	R RADIUS
AC AIR CONDITIONING	GALV GALVANIZED	R RISER
ACST ACOUSTIC	GEN GENERATOR	RD ROOF DRAIN
ADDL ADDITIONAL	GFCI GOVERNMENT FURNISHED, CONTRACTOR INSTALLED	REFR REFRIGERATOR
ADJ ADJACENT	GFGI GOVERNMENT FURNISHED, GOVERNMENT INSTALLED	REG REGISTER
AFF ABOVE FINISH FLOOR	GL GLASS	REINF REINFORCE
AGGR AGGREGATE	GLU-LAM GLUE-LAMINATED	REQD REQUIRED
AL ALUMINUM	GOVT GOVERNMENT	RET RETURN
ALT ALTERNATE	GR GRADE	REV REVISION
ARCH ARCHITECTURAL	GRD GROUND	RFG ROOFING
ASB ASBESTOS	GVL GRAVEL	RH RIGHT HAND
ASPH ASPHALT	GYP GYPSUM	RM ROOM
ASSN ASSOCIATION	H HIGH	RO ROUGH OPENING
ASST ASSISTANT	H DWVE HARDWARE	RWC RAIN WATER CONDUCTOR
ASSY ASSEMBLY	HM HOLLOW METAL	S SOUTH
ATR ABOVE TOP OF RAIL	HORIZ HORIZONTAL	SAPC SUSPENDED ACOUSTICAL PANEL
AVE AVENUE	HPT HIGH POINT	SCED SCHEDULE
AVG AVERAGE	HT HEIGHT	SDG SIDING
B BOTTOM	HTR HEATER	SEC SECTION
BALC BALCONY	HVAC HEATING, VENTILATION AND AIR CONDITIONING	SF SQUARE FOOT
BD BOARD	I.E. THAT IS	SGFT STRUCTURAL GLAZED FACING
BETW BETWEEN	ICF INSULATED CONCRETE FORM	SH SHOWER
BLDG BUILDING	ID INSIDE DIAMETER	SHM SECURITY HOLLOW METAL
BLKG BLOCKING	IH INTAKE HOOD	SHT SHEET
BLR BOILER	INSUL INSULATED	SI INTERNATIONAL SYSTEM OF UNITS
BM BEAM	INTR INTERIOR	SIM SIMILAR
BM BENCHMARK	JST JOIST	SKY SKYLIGHT
BP BASE PLATE	JT JOINT	SKY SLIDING DOOR
BRDG BRIDGING	L LONG	SMLS SEAMLESS
BRG BRIDGE	LAB LABORATORY	SPA SPACING
BSG BOTH SIDES	LAM LAMINATE	SPEC SPECIFICATION
BSMT BASEMENT	LAV LAVATORY	SPKLR SPRINKLER
CAB CABINET	LG LENGTH	SPKR SPEAKER
CAP CAPACITY	LH LEFT HAND	SQ SQUARE
CDR COILING DOOR	LIB LIBRARY	SS STAINLESS STEEL
CER CERAMIC	LIN LINEAR	STD STANDARD
CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	LL LIVE LOAD	STL STEEL
CFGI CONTRACTOR FURNISHED, GOVERNMENT INSTALLED	LLH LONG LEG HORIZONTAL	STOR STORAGE
CFGI CONTRACTOR FURNISHED, GOVERNMENT INSTALLED	LLV LONG LEG VERTICAL	STRUCT STRUCTURE / STRUCTURAL
CI CAST IRON	LPT LOW POINT	STWY STAIRWAY
CIP CAST IRON PIPE	LT LIGHT	SUPT SUPERINTENDENT
CJ CONTROL JOINT	LWC LIGHTWEIGHT CONCRETE	SUPR SUPERVISOR
CL CENTERLINE	M METER	SURF SURFACE
CLG CEILING	MAINT MAINTENANCE	SUSP SUSPENDED / SUSPENSION
CLO CLOSET	MAS MASONRY	SYS SYSTEM
CLR CLEAR	MATL MATERIAL	T TREAD
CMU CONCRETE MASONRY INSULATED UNIT	MAX MAXIMUM	T&B TOP AND BOTTOM
CMU CONCRETE MASONRY UNIT	MECH MECHANICAL	T&G TONGUE AND GROOVE
CNCL CONCEALED	MEMB MEMBRANE	TI TOP OF
CO CLEANOUT	MET METAL	TAN TANGENT
CO COMPANY	MEZZ MEZZANINE	TEL TELEPHONE
COL COLUMN	MFR MANUFACTURER	TEMP TEMPORARY
COMP COMPOSITION	MGR MANAGER	TER TERRAZZO
CONC CONCRETE	MH MANHOLE	THRU THRU
CONSTR CONSTRUCTION	MIL MILITARY	TLT TOILET
CONT CONTINUOUS	MIN MINIMUM	TRTD TREATED
CPT CAPT	MISC MISCELLANEOUS	TRTD TREATED
CRV CURVED	MLDG MOLDING	TRTD TREATED
CSK COUNTERSINK/COUNTERSUNK	MM MILLIMETER	TRTD TREATED
CTD COATED	MOD MOTOR OPERATED DAMPER	TRTD TREATED
CTR CENTER	MTG MOUNTING	TRTD TREATED
CUH CABINET UNIT HEATER	N NORTH	TRTD TREATED
D DEPTH	NA NOT APPLICABLE	TRTD TREATED
DBL DOUBLE	NIC NOT IN CONTRACT	TRTD TREATED
DEG DEGREE	NO NUMBER	TRTD TREATED
DEP DEPARTMENT	NRC NOISE-REDUCTION COEFFICIENT	TRTD TREATED
DET DETAIL	NTS NOT TO SCALE	TRTD TREATED
DIA DIAMETER	OA OVERALL	TRTD TREATED
DIAG DIAGONAL	OC ON CENTER	TRTD TREATED
DIM DIMENSION	OD OUTSIDE DIAMETER	TRTD TREATED
DIV DIVISION	OFF OFFICE	TRTD TREATED
DL DEAD LOAD	OH OPPOSITE HAND	TRTD TREATED
DMPF DAMPPROOFING	OHC OVERHEAD COILING DOOR	TRTD TREATED
DN DOWN	OHDR OVERHEAD DOOR	TRTD TREATED
DR DOOR	OHS OVERHEAD SECTIONAL DOOR	TRTD TREATED
DS DOWNSPOUT	OPNG OPENING	TRTD TREATED
DW DISHWASHER	OPP OPPOSITE	TRTD TREATED
DWG DRAWING	OSB ORIENTED STRAND BOARD	TRTD TREATED
E EAST	P/L PROPERTY LINE	TRTD TREATED
E.G. FOR EXAMPLE	PASS PASSENGER	TRTD TREATED
EA EACH	PERF PERFORATED	TRTD TREATED
EF EXHAUST FAN	PL PLATE	TRTD TREATED
EGEN EMERGENCY GENERATOR	PLAM PLASTIC LAMINATE	TRTD TREATED
EIFS EXTERIOR INSULATION AND FINISH SYSTEM	PLAS PLASTER	TRTD TREATED
EL ELEVATION	PLBG PLUMBING	TRTD TREATED
ELEC ELECTRICAL	PLYWG PLYWOOD	TRTD TREATED
ELEV ELEVATOR	PNL PANEL	TRTD TREATED
ENTR ENTRANCE	PNT PAINT	TRTD TREATED
EO EQUAL	PORC PORCELAIN	TRTD TREATED
EQUIP EQUIPMENT	PR PAIR	TRTD TREATED
EWIC ELECTRIC WATER COOLER	PREFAB PREFABRICATED	TRTD TREATED
EXH EXHAUST	PROJ PROJECT	TRTD TREATED
EXIST EXISTING	PSF POUNDS PER SQUARE FOOT	TRTD TREATED
EXP EXPANSION	PSI POUNDS PER SQUARE INCH	TRTD TREATED
EXT EXTERIOR	PT POINT	TRTD TREATED
FAB FABRICATE	PTD PAINTED	TRTD TREATED
FBD FIBERBOARD	PTN PARTITION	TRTD TREATED
FD FLOOR DRAIN	PVC POLYVINYL CHLORIDE	TRTD TREATED
FDN FOUNDATION	QTF QUARRY TILE FLOOR	TRTD TREATED
FDR FIRE DOOR		TRTD TREATED
FE FIRE EXTINGUISHER		TRTD TREATED
FEC FIRE EXTINGUISHER CABINET		TRTD TREATED
FHY FIRE HYDRANT		TRTD TREATED
FIN FINISH		TRTD TREATED
FL FLASHING		TRTD TREATED
FLEX FLEXIBLE		TRTD TREATED
FLG FLANGE		TRTD TREATED
FLR FLOOR		TRTD TREATED
FLRG FLOORING		TRTD TREATED
FP FIREPROOF		TRTD TREATED
FRP FIBER-REINFORCED PLASTIC		TRTD TREATED
FRT FIRE RETARDANT TREATED		TRTD TREATED
FTG FOOTING		TRTD TREATED
FURN FURNITURE		TRTD TREATED

MATERIALS LEGEND

	BRICK
	CONCRETE MASONRY UNITS
	ACOUSTICAL CMU
	CMU
	STRUCTURAL GLAZED FACING TILE/ GLAZED CMU
	CONCRETE
	GYPSUM BOARD / GROUT
	BATT INSULATION
	RIGID INSULATION
	COARSE AGGREGATE / BALLAST
	STEEL
	ALUMINUM
	FINISH LUMBER
	DIMENSIONAL LUMBER
	SHIM
	PLYWOOD
	TILE / ACOUSTIC PANEL
	EARTH / SOIL

SYMBOLS LEGEND

	EXTERIOR ELEVATION REFERENCE ELEVATION REFERENCE DRAWING ON WHICH ELEVATION APPEARS
	BUILDING SECTION REFERENCE SECTION REFERENCE DRAWING ON WHICH SECTION APPEARS
	WALL SECTION REFERENCE SECTION REFERENCE DRAWING ON WHICH SECTION APPEARS
	DETAIL REFERENCE DETAIL REFERENCE DRAWING ON WHICH DETAIL APPEARS
	INTERIOR ELEVATION REFERENCE ELEVATION REFERENCE DRAWING ON WHICH DETAIL APPEARS
	ROOM IDENTIFICATION REFERENCE ROOM NAME ROOM NUMBER DOOR NUMBER REFERENCE
	L-2 LINETYPE REFERENCE
	STRUCTURAL COLUMN REFERENCE
	TOILET ACCESSORY REFERENCE
	WALL PARTITION REFERENCE
	WINDOW TYPE REFERENCE
	LOUVER TYPE REFERENCE
	ROOM SIGN REFERENCE
	REVISION REFERENCE
	SHEET NOTE REFERENCE
	NORTH ARROW REFERENCE MAGNETIC NORTH
	CEILING SYSTEM REFERENCE TYPE A - CEILING TYPE HEIGHT OF CEILING ABOVE FLOOR

GENERAL DEMOLITION NOTES

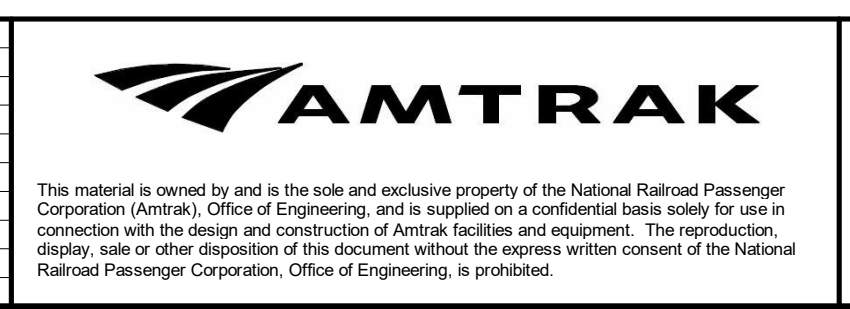
- UNOBSTRUCTED ACCESS TO EXISTING EMERGENCY EXISTS SHALL BE MAINTAINED AT ALL TIMES.
- ALL DEBRIS AND UNUSED MATERIAL RESULTING FROM DEMOLITION SHALL BE DISPOSED OF OFF SITE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL AUTHORITIES.
- REMOVE EXISTING PARTITIONS, EQUIPMENT, & DEVICES AS INDICATED.
- REMOVAL OF EXISTING HVAC & PLUMBING FIXTURES & SAFING TO BE BY APPROPRIATE TRADES.
- COORDINATE LOCATION OF ALL NEW FLOOR & WALL PENETRATIONS WITH OWNER PRIOR TO CUTTING OR CORING. COORDINATE LOCATION WITH CONSTRUCTION DRAWINGS. SEAL ALL PENETRATIONS.
- ALL CONTRACTORS ARE TO REPORT ALL UNEXPECTED, UNCOVERED EXISTING CONDITIONS WHICH IMPACT LAYOUT OF NEW WORK IMMEDIATELY TO ARCHITECT.
- FOR EXTENT & SCOPE OF PLUMBING, MECHANICAL & ELECTRICAL REMOVALS, SEE INDIVIDUAL TRADE DRAWINGS.
- SAW CUT ALL NEW OPENINGS IN EXISTING CONSTRUCTION. DO NOT HAMMER & CHISEL. CARE MUST BE TAKEN NOT TO DAMAGE EXISTING CONSTRUCTION. COORDINATE TIME OF LOUD/HEAVY NOISE CONSTRUCTION WITH OWNER TO LIMIT DISTURBANCE.
- PROVIDE PORTABLE LIGHTING DURING DEMOLITION & CONSTRUCTION AS REQUIRED.
- PROVIDE DUMPSTERS AND OTHER DEMOLITION EQUIPMENT AS REQUIRED.
- REMOVE EXISTING WORK AS REQUIRED TO ACCOMMODATE NEW WORK, INCLUDING EXISTING WALL & FLOOR FINISHES IN SPACES SCHEDULED TO BE REFINISHED.
- PROVIDE APPROPRIATE FULL HEIGHT PROTECTION/TEMPORARY PARTITIONS PRIOR TO COMMENCING DEMOLITION. PLACED IN LOCATIONS APPROVED BY OWNER.
- ALL BUILDING ACCESS AND REMOVAL OF MATERIALS MUST BE APPROVED BY OWNER.

GENERAL NOTES

- ALL WORK TO CONFORM TO REQUIREMENTS OF THE GOVERNING BUILDING CODE, OSHA AND ALL OTHER APPLICABLE CODES, RULES, REGULATIONS, ORDINANCES, ETC. IN THEIR LATEST EDITION. CONFORM ALL WORK TO REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
- ALL WORK THAT IS IMPLIED OR REASONABLY INFERRED BY THE DRAWINGS IS THE RESPONSIBILITY OF THE CONTRACTOR. THE INCLUSION OF ANY AND ALL WORK BY MENTION, NOTATION, DETAIL, ITEMIZATION OR IMPLICATION, HOWEVER BRIEF, MEANS THAT THE CONTRACTOR TO PROVIDE AND INSTALL SAME AT NO ADDITIONAL COST OR BURDEN TO THE OWNER. ALL WORK PERFORMED TO INCLUDE ALL APURTENANCES AND APPARATUS NORMALLY DEEMED TO BE PART OF A COMPLETE PACKAGE WITHIN THE DEFINITIONS OF ORDINARY INDUSTRY STANDARDS. ALL TRADES ARE RESPONSIBLE FOR REVIEWING THE ENTIRE SET OF DRAWINGS THEREBY NOTING AND INCLUDING THEIR WORK AS APPLICABLE. THE INTENT OF THE DRAWING SET IS TO RESULT IN A COMPLETE AND FINISHED PROJECT IN ALL REGARDS AT THE CONCLUSION OF THE WORK. INCLUDE ALL WORK, WHETHER SHOWN OR NOT, AS MAY BE NECESSARY TO ACCOMPLISH THE INTENDED RESULT.
- APPLY AND PAY FOR ALL PERMITS, INSPECTIONS, APPROVALS, ETC. ARRANGE AND COORDINATE ALL REQUIRED INSPECTIONS AND SECURE ALL NECESSARY APPROVALS OF THE WORK.
- BECOME FAMILIAR WITH THE PROJECT THROUGH INSPECTION OF THE SITE AND REVIEW OF THE DRAWINGS SO AS TO THOROUGHLY UNDERSTAND THE NATURE AND REQUIREMENTS OF THE WORK. ANY AND ALL DISCREPANCIES OR OMISSIONS TO BE REPORTED TO THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY SUCH DISCREPANCY OR OMISSION. ENSURE THAT DISCREPANCIES OR OMISSIONS ARE REPORTED AND CLARIFICATION OBTAINED PRIOR TO WORK BEING PERFORMED. ANY AND ALL WORK PRECEDING OTHERWISE AND THEN FOUND TO BE INCORRECT OR INCONSISTENT WITH THE INTENDED RESULT WILL BE CORRECTED, REPLACED AND/OR CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST OR BURDEN TO THE OWNER. VERIFY ALL DIMENSIONS AND LOCATIONS IN THE FIELD. COORDINATE ALL WORK WITH CONDITIONS ENCOUNTERED IN THE FIELD AND MAKE ALL NECESSARY ADJUSTMENTS ACCORDINGLY.
- CONTRACTOR IS RESPONSIBLE FOR FINAL FIT, FINISH, APPEARANCE AND PERFORMANCE OF ALL WORK.
- VERIFY ALL DIMENSIONS AND CONDITIONS AT THE WORK SITE PRIOR TO THE COMMENCEMENT OF WORK.
- VERIFY EXISTING CONDITIONS AFFECTING THE WORK PRIOR TO BIDDING AND ALL ASPECTS OF THE WORK PRIOR TO COMMENCEMENT.
- APPLY, INSTALL OR UTILIZE ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S LITERATURE.
- ALL WORK TO BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER, MATCHING AND ALIGNING ALL SURFACES SO AS TO AFFORD A NEAT FINISHED APPEARANCE. CLEAN ALL SURFACES FREE OF SOIL, DIRT, REFUSE AND DEBRIS RESULTANT FROM THE WORK. ALL ADJACENT SURFACES TO BE LEFT AS THEY APPEARED PRIOR TO COMMENCEMENT OF THE WORK. PROVIDE ADEQUATE PROTECTION OF ALL ADJACENT AND EXISTING SURFACES TO REMAIN SUFFICIENT TO ENSURE AGAINST DAMAGE DURING CONSTRUCTION OPERATIONS. AT CONCLUSION OF THE WORK, ALL FINISHED EXPOSED SURFACES INCLUDING GLASS, ALUMINUM AND FINISHED HARDWARE TO BE THOROUGHLY CLEANED TO THE SATISFACTION OF THE OWNER.
- ALL WORK TO BE PROPERLY AND ADEQUATELY PROTECTED FROM DAMAGE AT ALL TIMES REGARDLESS OF THE STAGE OF COMPLETION. TAKE RESPONSIBILITY FOR SAFETY AT ALL TIMES, IN ALL PLACES AND UNDER ALL CONDITIONS AFFECTING OR AFFECTED BY THE WORK. ADHERE TO ALL ACCEPTED SAFETY PRACTICES AND PROVIDE ALL FENCES, BARRICADES, GUARDRAILS, PARTITIONS, ETC. AS MAY BE NECESSARY IN ORDER TO PROTECT LIFE AND PROPERTY FROM INJURY OR DAMAGE AND AS MAY BE REQUIRED BY ANY AND ALL AUTHORITIES HAVING JURISDICTION. REPAIR ANY AND ALL DAMAGE TO THE PREMISES ARISING FROM OR ASSOCIATED WITH WORK SITE OPERATIONS AND/OR ACTIVITIES CONNECTED TO THE WORK.
- LEAVE ALL CHASES, HOLES, OPENINGS, ETC. PLUMB LEVEL, TRUE AND OF A PROPER SIZE OR CUT SAME INTO EXISTING WORK AS MAY BE NECESSARY FOR PROPER INSTALLATION OF WORK. CONSULT, CONFER AND OTHERWISE COORDINATE WITH ANY AND ALL OTHER CONTRACTORS AND CONCERNED PARTIES REGARDING PROPER LOCATION, SIZE, PLACEMENT, ALIGNMENT AND ORIENTATION OF SAME. IN CASE OF ANY FAILURE TO LEAVE OR CUT SUCH OPENINGS OR OTHERWISE LEAVE SUCH ACCOMMODATIONS IN PROPER PLACE, CUT THEM AFTERWARDS AT OWN EXPENSE. NO EXCESSIVE CUTTING WILL BE PERMITTED NOR ANY STRUCTURAL MEMBERS TO BE CUT WITHOUT THE CONSENT OF THE ARCHITECT.
- ALL EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ALL LABOR, EQUIPMENT AND MATERIAL TO BE GUARANTEED AS PER PROJECT SPECIFICATIONS.
- COMPLY WITH ALL OWNER SAFETY TRAINING REQUIREMENTS AND SITE PROCEDURES, AND COORDINATE THE FOREGOING WITH OWNER'S DESIGNATED REPRESENTATIVES.
- PERFORM ALL WORK WITHOUT INTERFERING WITH OWNER'S NORMAL OPERATIONS.
- PROJECT DOCUMENTS ARE INTENDED TO BE COMPLEMENTARY. ITEMS INDICATED IN ONE PLACE OR ANOTHER AMONG THE DOCUMENTS ARE INTENDED AS THOUGH SHOWN IN ALL PLACES.
- COORDINATE ALL NEW WORK WITH ALL EXISTING CONDITIONS. EXISTING ELEMENTS AFFECTING THE WORK REQUIRE SUCH COORDINATION WHETHER OR NOT THEY ARE INDICATED IN THE DOCUMENTS.
- DO NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES.
- ALL WORK IS TO BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
 Central File: BIM360_A_Central_R20.rvt
 Project Number: 067435
 11/17/2023 1:23:30 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer

National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
WBS:	CEN 100594.0131	Sheet No.	23 OF 41	
GENERAL NOTES, SYMBOLS & ABBREVIATIONS				A000
Designed RPP	Drawn RPP	Checked JAS	Date 11/03/2023	

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

ACCESSIBILITY NOTES

GENERAL:

- ALL OPERATING CONTROLS, OPERATING DEVICES, AND HARDWARE ON CABINETS, PLUMBING FIXTURES AND STORAGE FACILITIES, SHALL HAVE SUCH A SHAPE THAT SHALL PERMIT OPERATION BY WRIST OR ARM PRESSURE AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING AT THE WRIST.
- THE HIGHEST OPERABLE PART OF THE CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE NO HIGHER THAN 42" ABOVE FINISHED FLOOR FOR FORWARD APPROACH, NOT HIGHER THAN 48" ABOVE FINISHED FLOOR FOR SIDE APPROACH, AND NOT LESS THAN 36" ABOVE FINISHED FLOOR FOR EITHER APPROACH.
- ELECTRICAL AND COMMUNICATIONS SYSTEM RECEPTACLES SHALL BE MOUNTED A MINIMUM OF 18" TO THE BOTTOM.
- SEE THE ENLARGED FLOOR PLANS FOR TOILET ACCESSORY LOCATIONS, QUANTITIES, AND MOUNTING REQUIREMENTS.

WATER CLOSETS:

- THE HEIGHT OF ADA ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17" AND A MAXIMUM OF 19".
- HAND OPERATED CONTROLS (IF PRESENT) FOR FLUSH VALVES SHALL BE MOUNTED ON THE APPROACH SIDE (WIDE) SIDE OF THE TOILET STALL/ROOM, NO GREATER THAN 44" ABOVE FINISHED FLOOR.
- MAXIMUM FORCE TO OPERATE THE CONTROLS SHALL BE NO GREATER THAN FIVE (5) POUNDS.

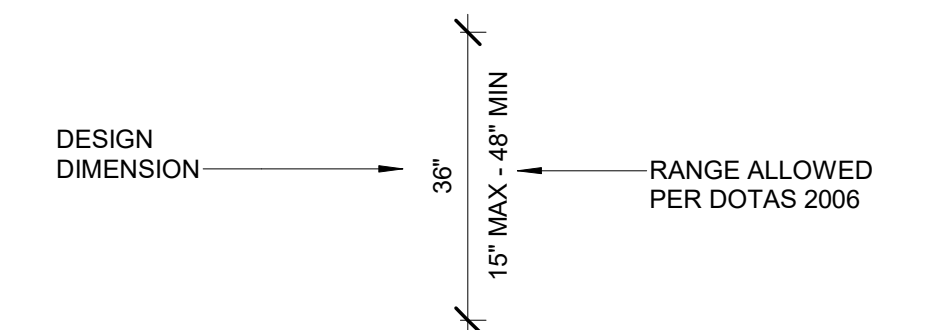
GRAB BARS:

- GRAB BARS SHALL HAVE AN OUTSIDE DIAMETER OF NO LESS THAN 1-1/2" OR NO MORE THAN 1-1/2", AND SHALL PROVIDE A CLEARANCE OF 1-1/2" BETWEEN THE GRAB BAR AND THE WALL.
- ALL GRAB BARS AND ADJACENT SURFACES SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/4".
- BENDING STRESS IN A GRAB BAR INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF 250 POUNDS SHALL BE LESS THAN THE ALLOWABLE FOR THE MATERIAL.
- GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

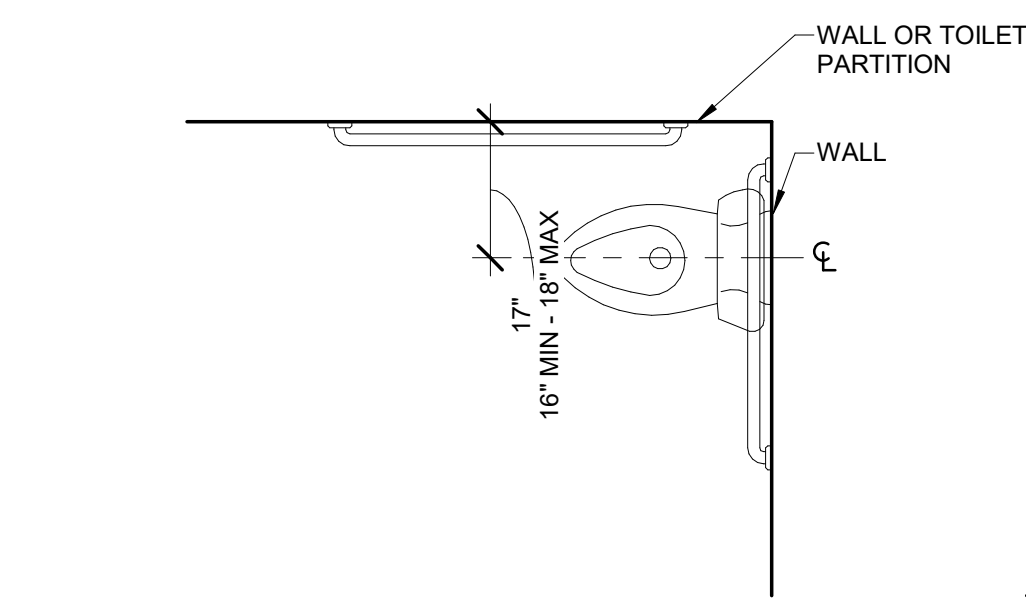
LAVATORIES AND SINKS:

- ALL HOT WATER AND DRAIN PIPES EXPOSED UNDER LAVATORIES OR SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT.
- THERE SHALL BE NO SHARP SURFACES UNDER LAVATORIES OR SINKS.
- FAUCET CONTROLS AND OPERATING MECHANISMS (IF PRESENT) SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.
- THE OPERATING FORCE SHALL NOT EXCEED FIVE (5) POUNDS OF FORCE.
- SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST TEN (10) SECONDS.
- ALL LAVATORY AND SINK FAUCETS SHALL HAVE A MAXIMUM FLOW RATE OF NO MORE THAN 0.5 GALLONS PER MINUTE.

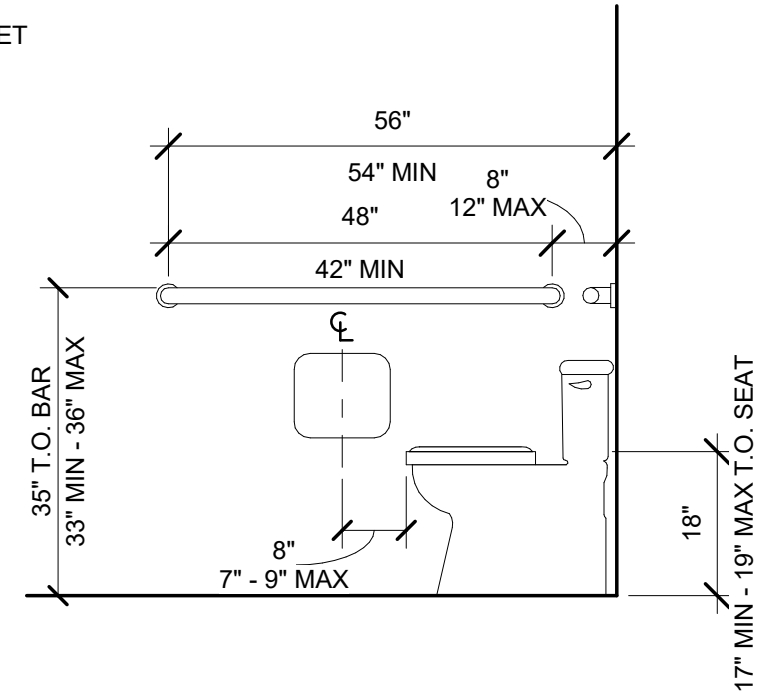
DIMENSIONING NOTES



- DIMENSIONS INDICATED AS "MIN" ARE CRITICAL FOR DOTAS COMPLIANCE AND MAY NOT BE REDUCED.
- DIMENSIONS INDICATED AS "MAX" ARE CRITICAL FOR DOTAS COMPLIANCE AND MAY NOT BE ENLARGED.
- ANY DEVIATION FROM ITEMS 1 THROUGH 2 ABOVE MUST BE APPROVED PRIOR TO CONSTRUCTION.
- USE PREFERRED DIMENSION UNLESS PROJECT CONDITIONS DO NOT ALLOW. IF REQUIRED, SELECT NEW DIMENSION WITHIN MIN/MAX RANGE. NEW DIMENSION TO BE APPROVED BY THE PROGRAM MANAGER PRIOR TO INSTALLATION.

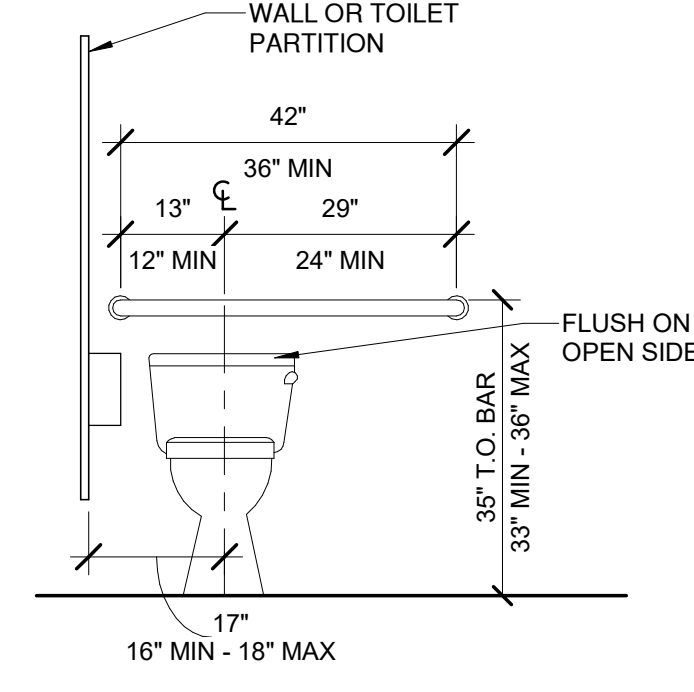


WATER CLOSET PLAN

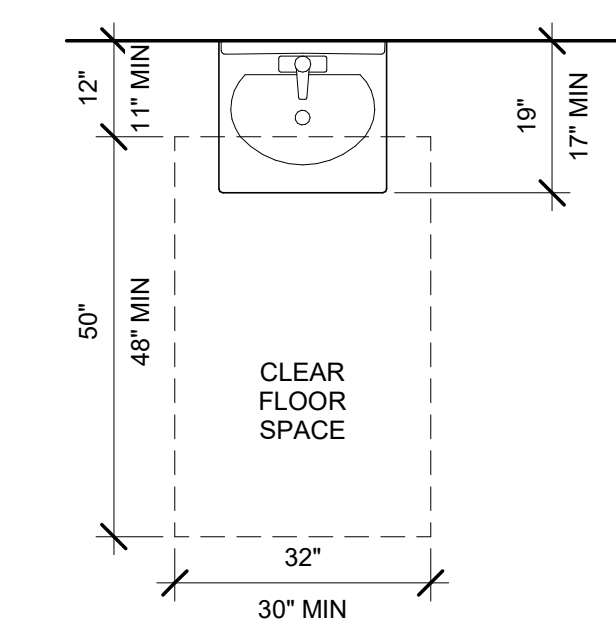


SIDE WALL GRAB BAR

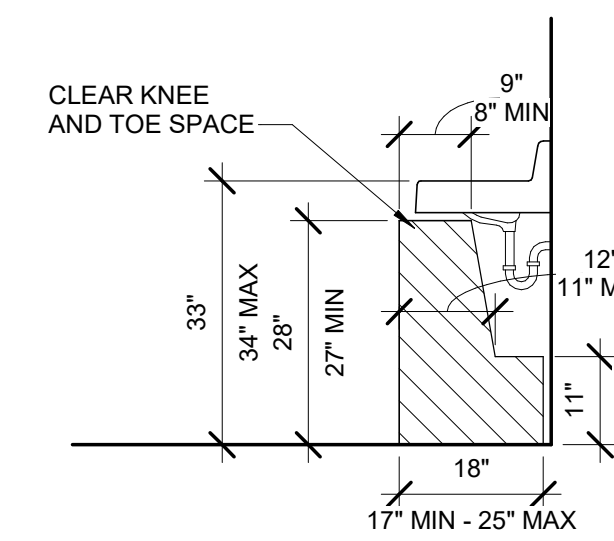
SEE TOILET TISSUE DISPENSER DETAIL (THIS SHEET) FOR BELOW AND ABOVE BAR MOUNTING HEIGHTS



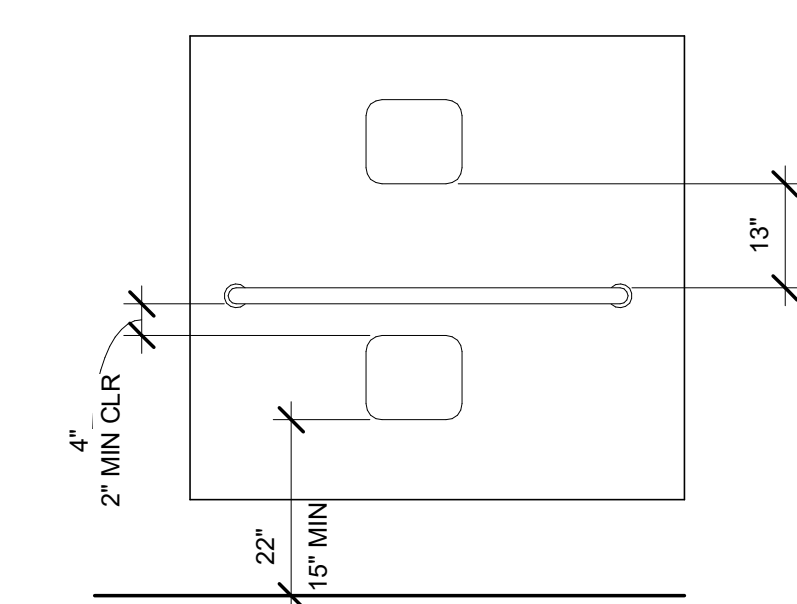
REAR WALL GRAB BAR



LAVATORY PLAN

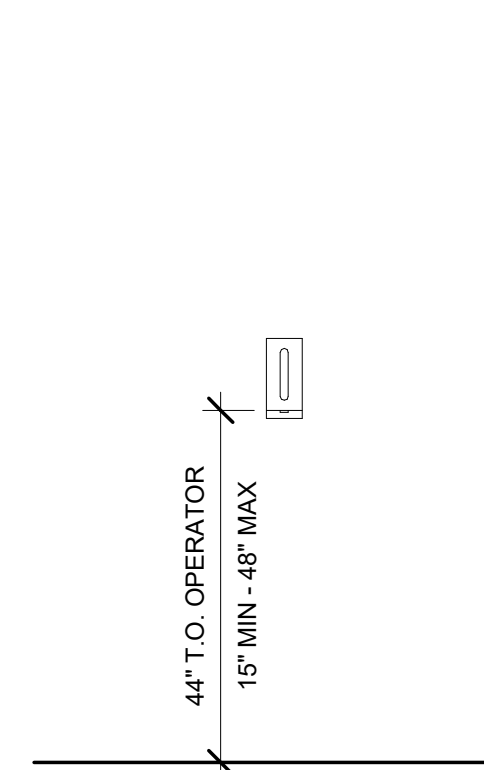


ELEVATION

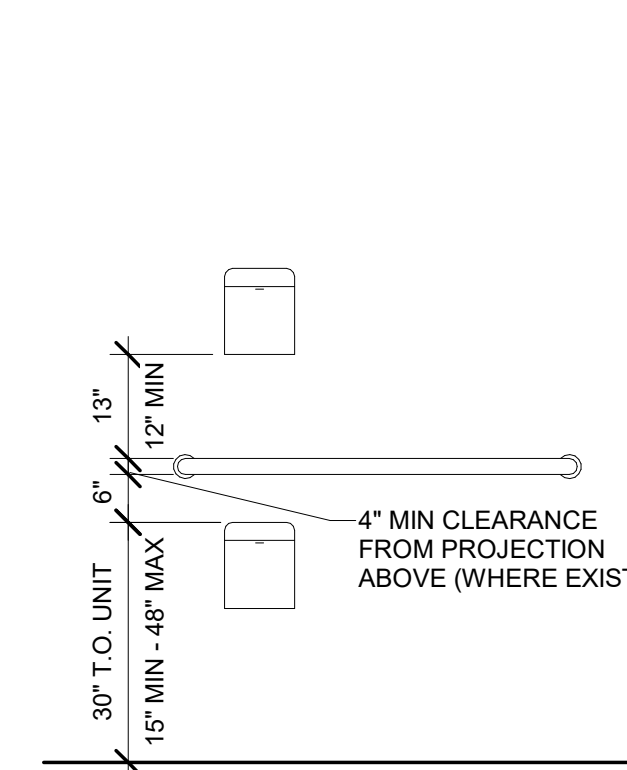


TOILET TISSUE DISPENSER

ABOVE OR BELOW BAR MOUNTING HEIGHTS

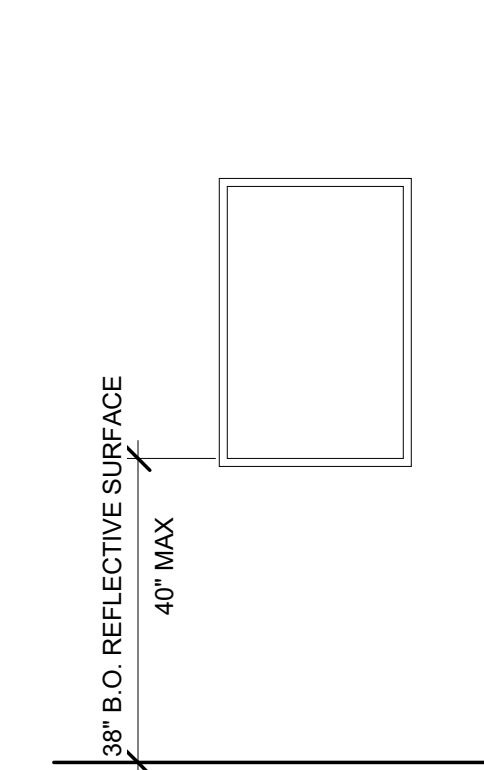


SOAP DISPENSER

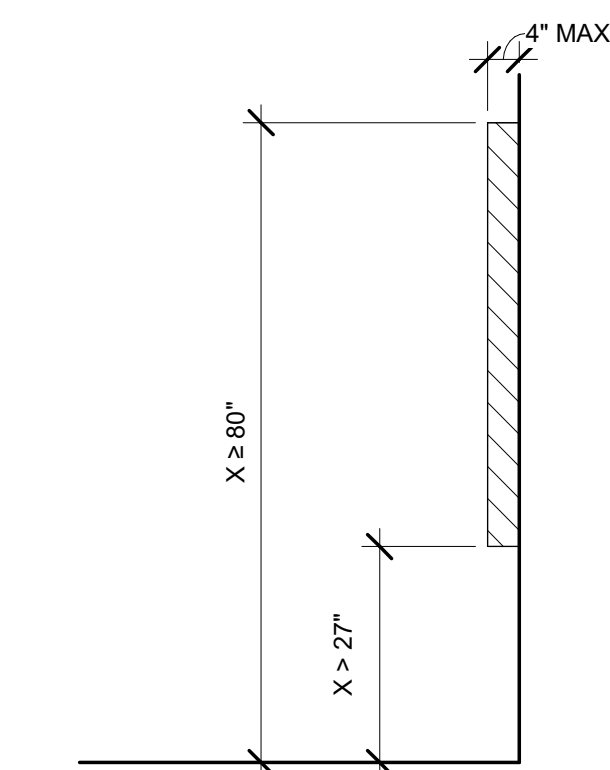


SANITARY KNAPKIN DISPENSER

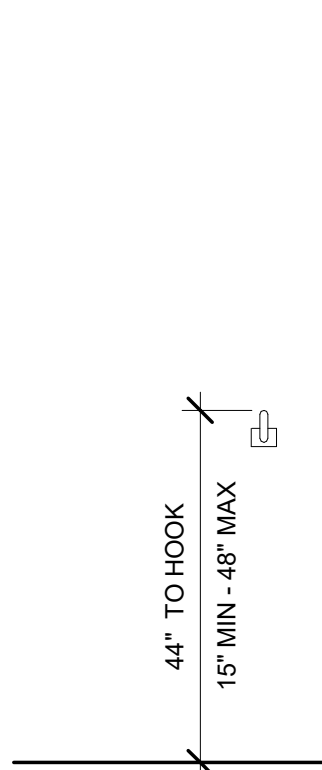
ABOVE OR BELOW BAR MOUNTING HEIGHTS



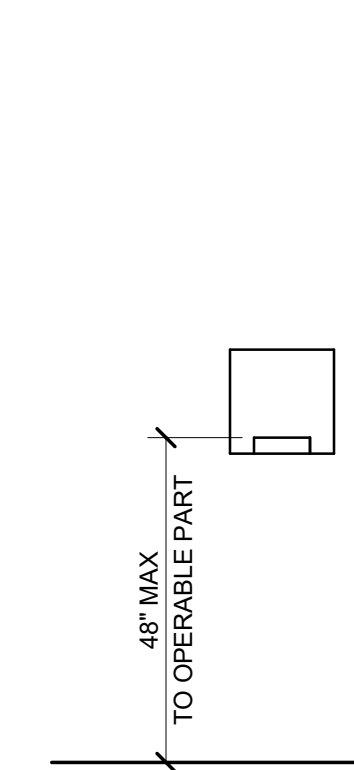
FRAMED MIRROR



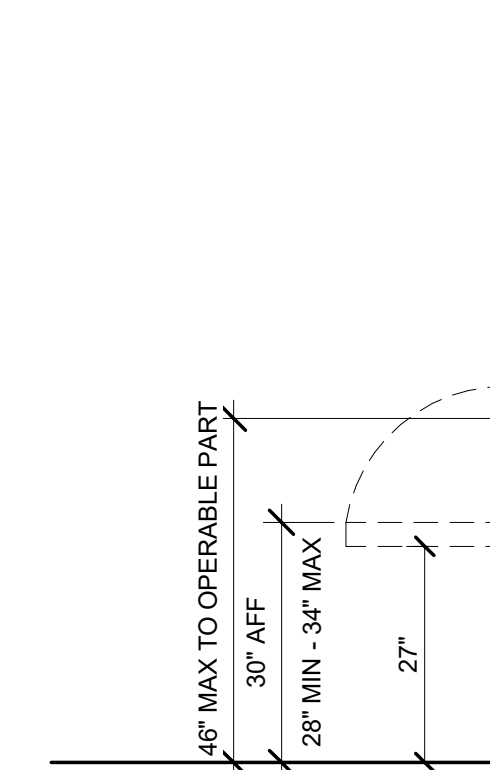
PROTRUDING OBJECTS



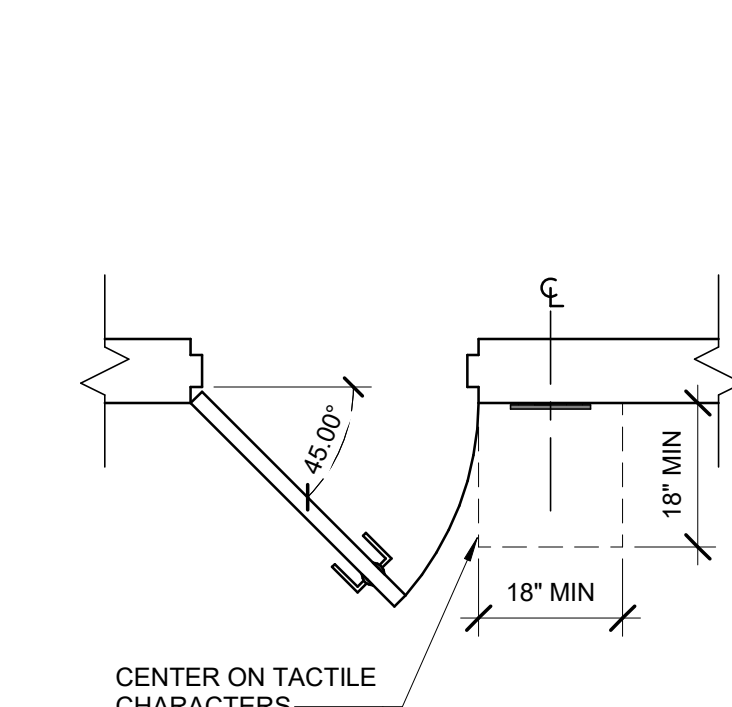
COAT HOOK



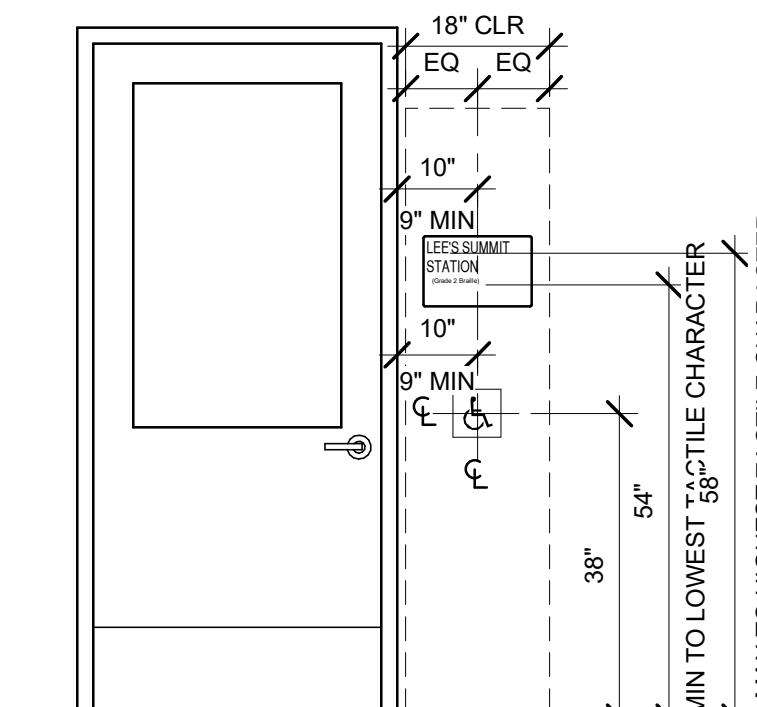
HAND DRYER



BABY CHANGING STATION

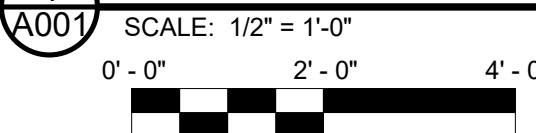


TACTILE SIGNS AT DOORS



ADA PUSH PAD AND SIGNAGE

1 STANDARD MOUNTING HEIGHTS



Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt

Project Number: 067435
11/7/2023 1:23:30 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

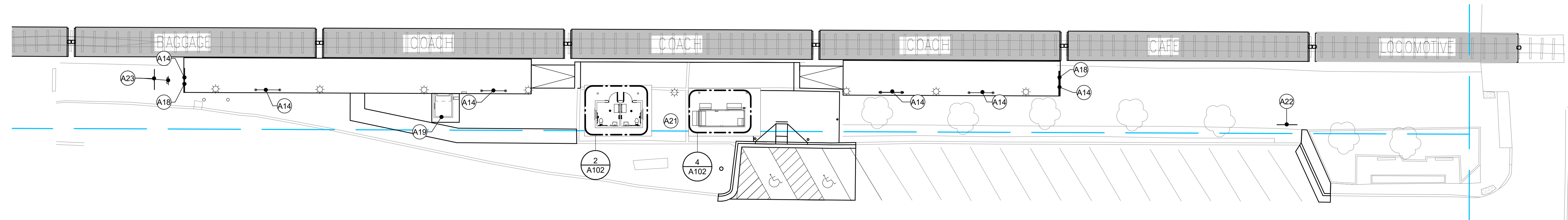
Approved	Date



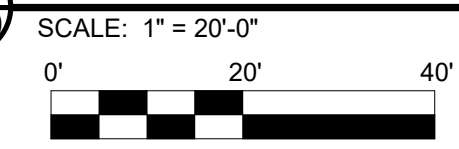
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
STANDARD MOUNTING HEIGHTS AND NOTES		Designed RPP		WBS: CEN 100694.0131
Drawn RPP		Checked JAS		Sheet No. 24 OF 41
Date 11/03/2023				Dwg. No. A001

NEW WORK KEYNOTES

- A14 SIGNAGE. REFER TO A750.
- A18 INSTALL RAILING. REFER TO DETAILS ON A500.
- A19 INSTALL WHEELCHAIR LIFT ENCLOSURE. REFER TO DETAILS ON A102.
- A21 SALVAGE WHEELCHAIR LIFT AND DEMOLISH FENCE.
- A22 SALVAGE EXISTING CITY SIGN TO REMAIN.
- A23 SALVAGE EXISTING CITY SIGN TO BE RELOCATED REFER TO CIVIL DRAWINGS.

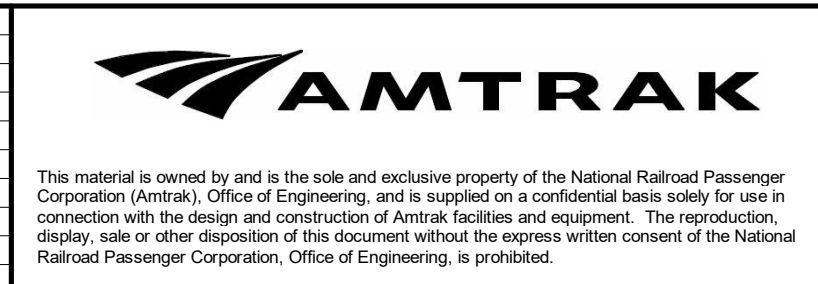


1 OVERALL PLAN - NEW WORK



Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

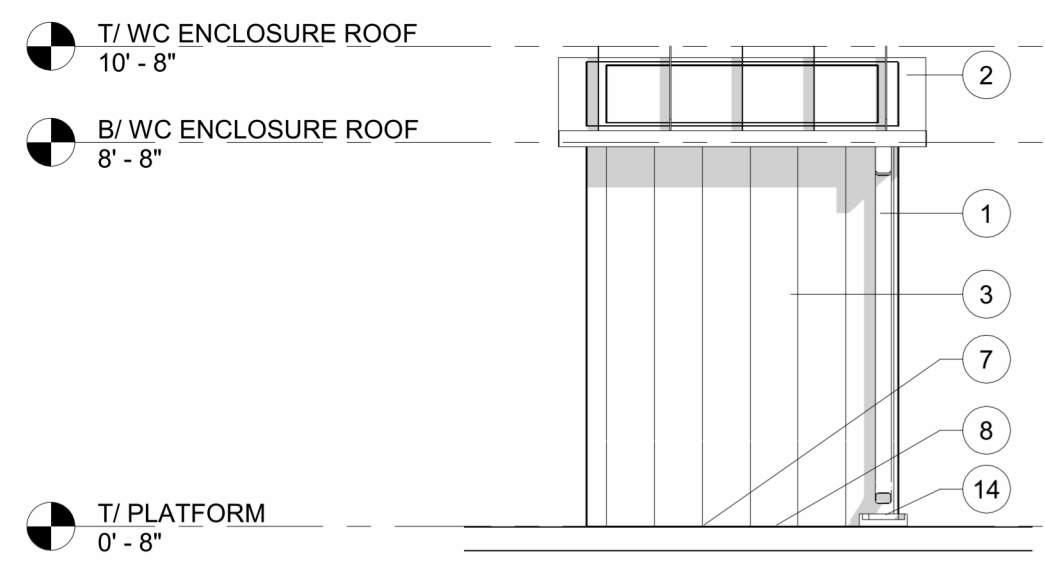
Approved	Date



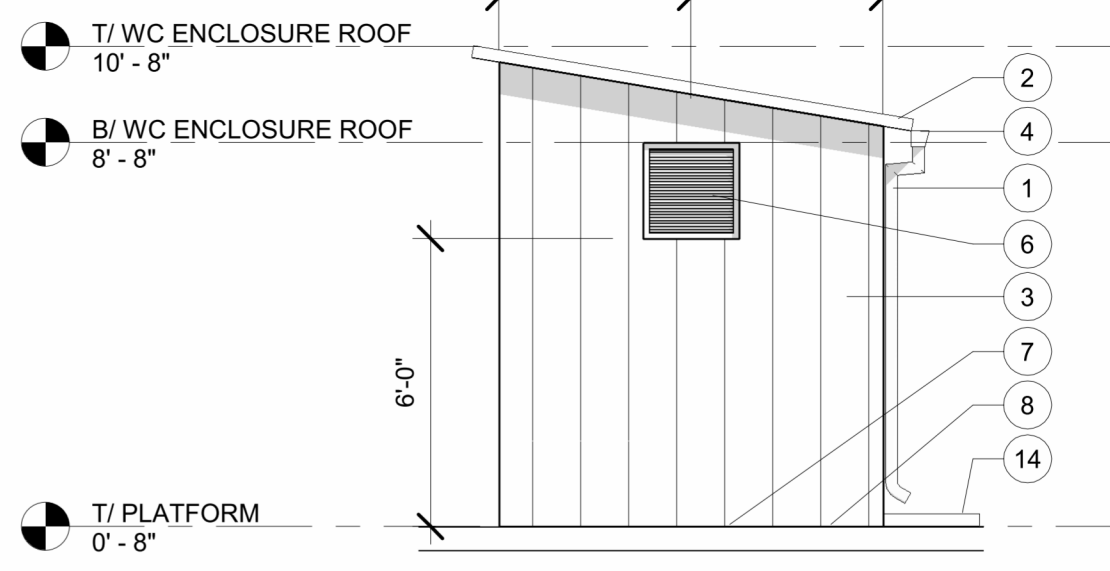
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
OVERALL PLAN		Project Code: 067435	
Designed LM	Drawn LM	Checked JAS	Date 11/03/2023

WBS:	CEN 100694.0131
Sheet No.	25 OF 41
Draw. No.	A100

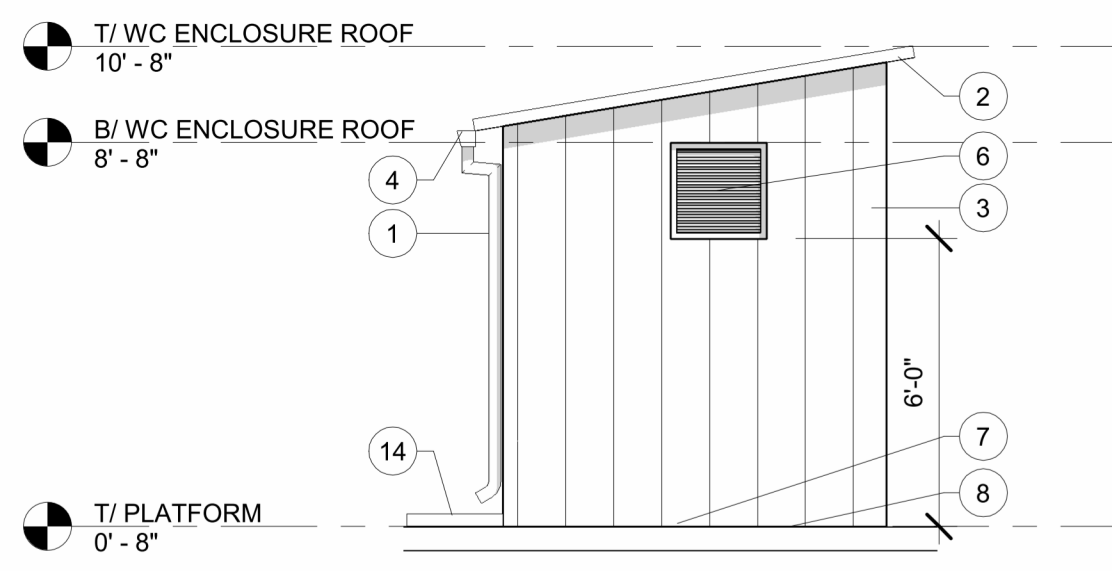
Project Number: 067435
11/7/2023 1:23:40 PM



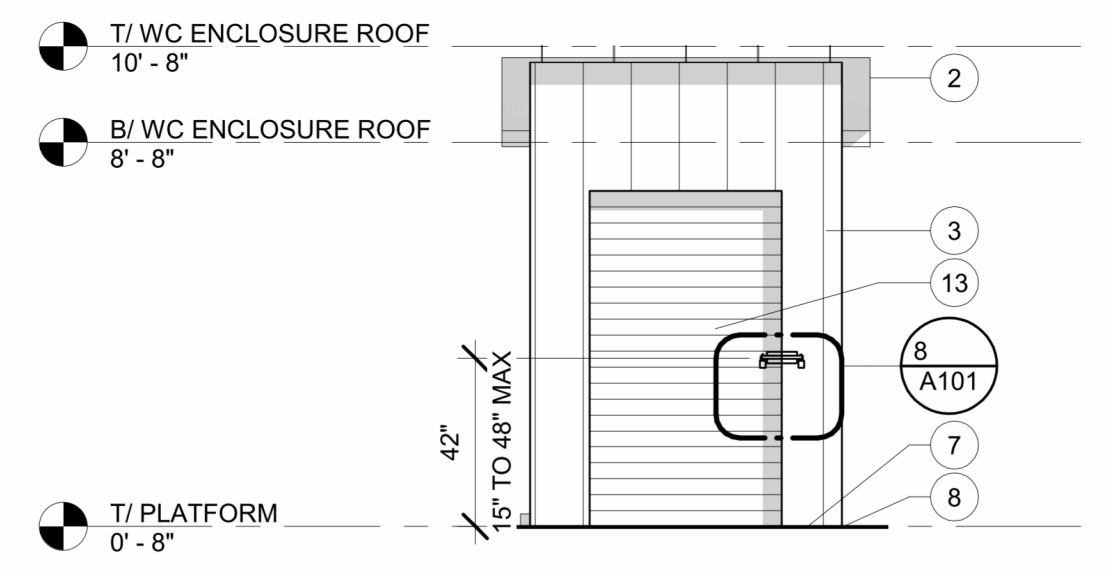
1 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"
 0' 4' 8'



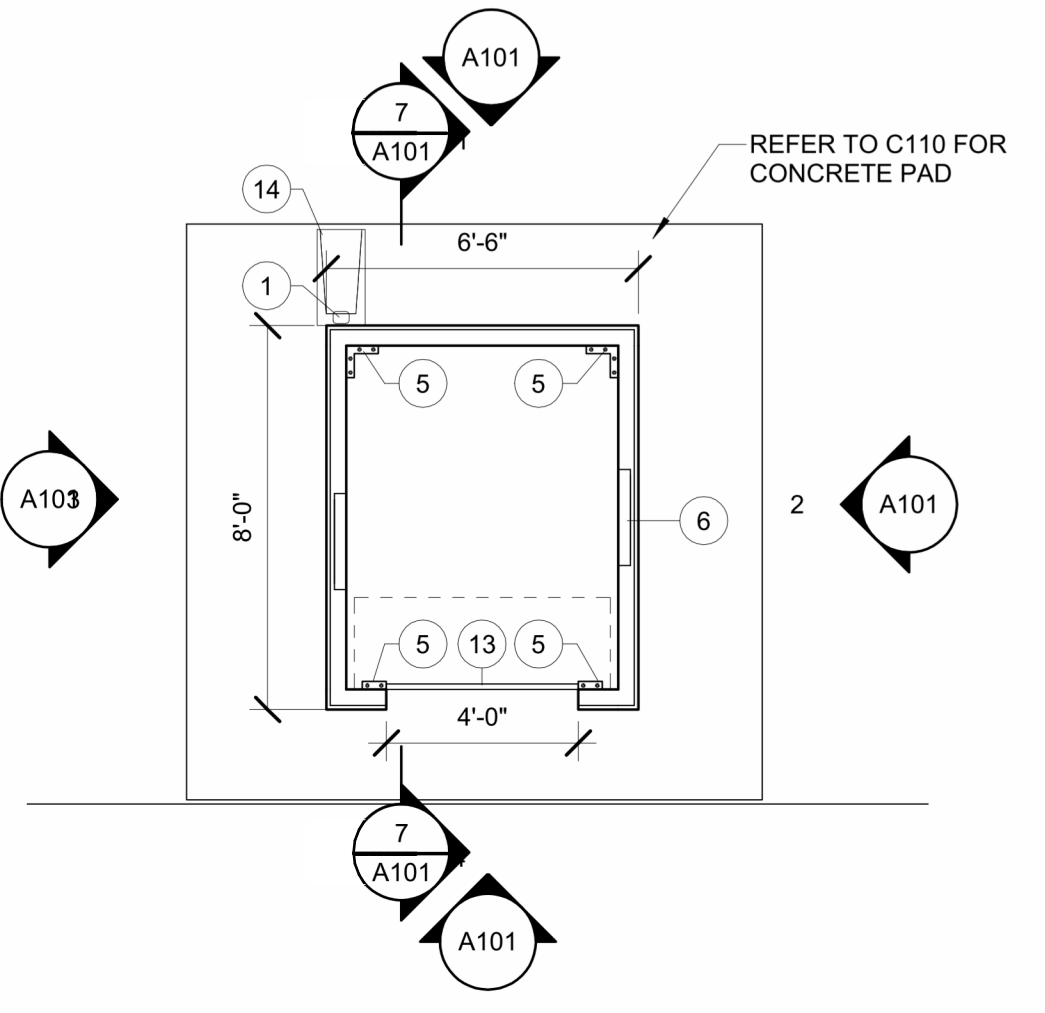
2 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"
 0' 4' 8'



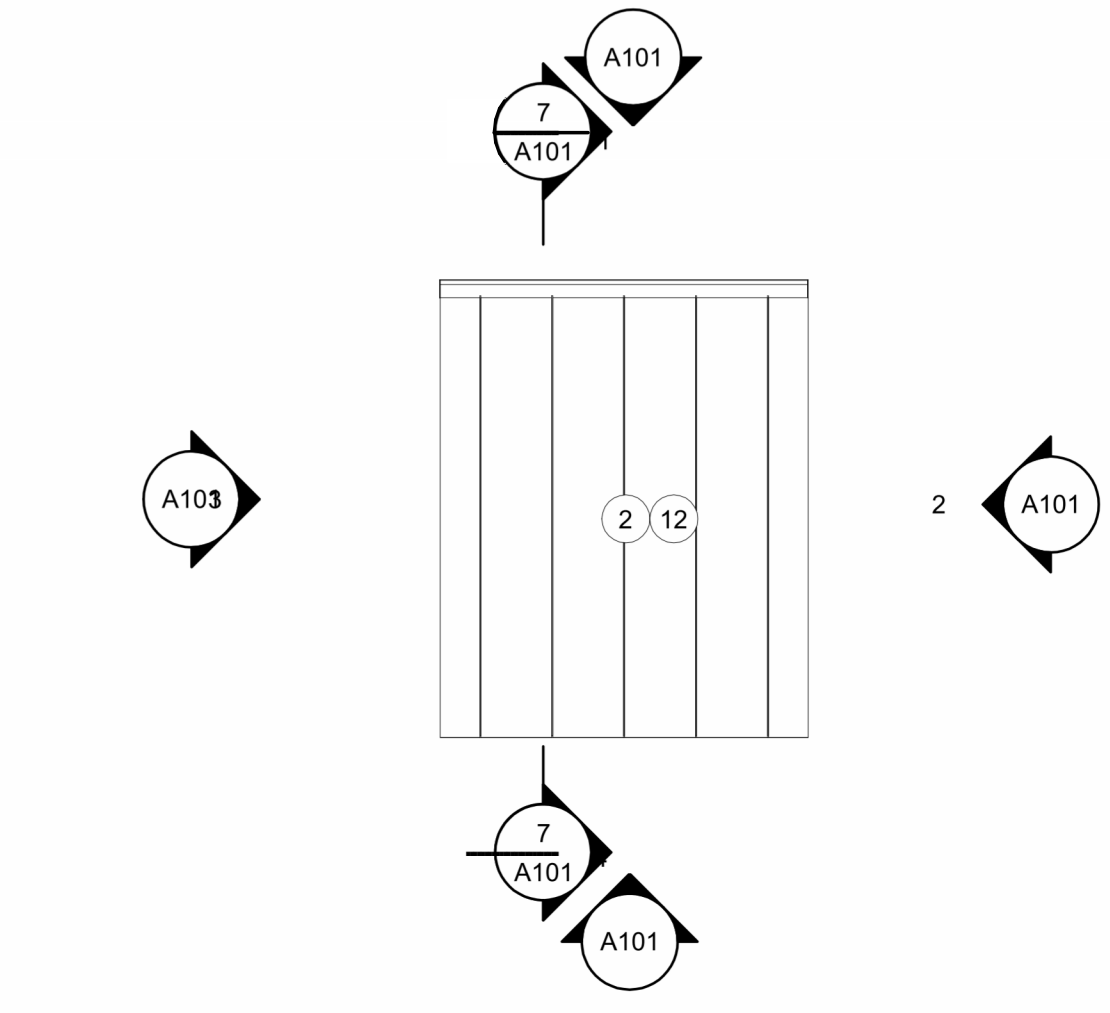
3 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"
 0' 4' 8'



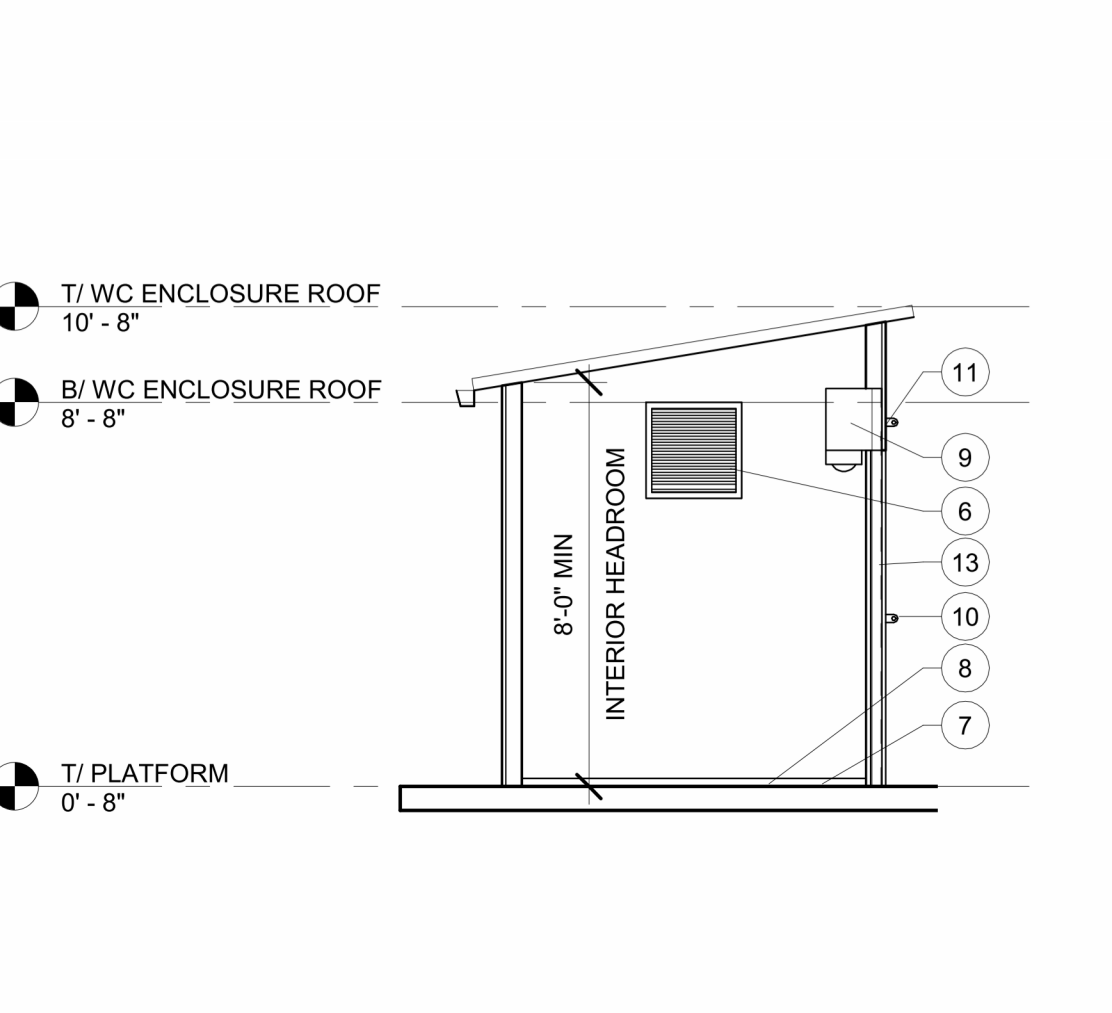
4 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"
 0' 4' 8'



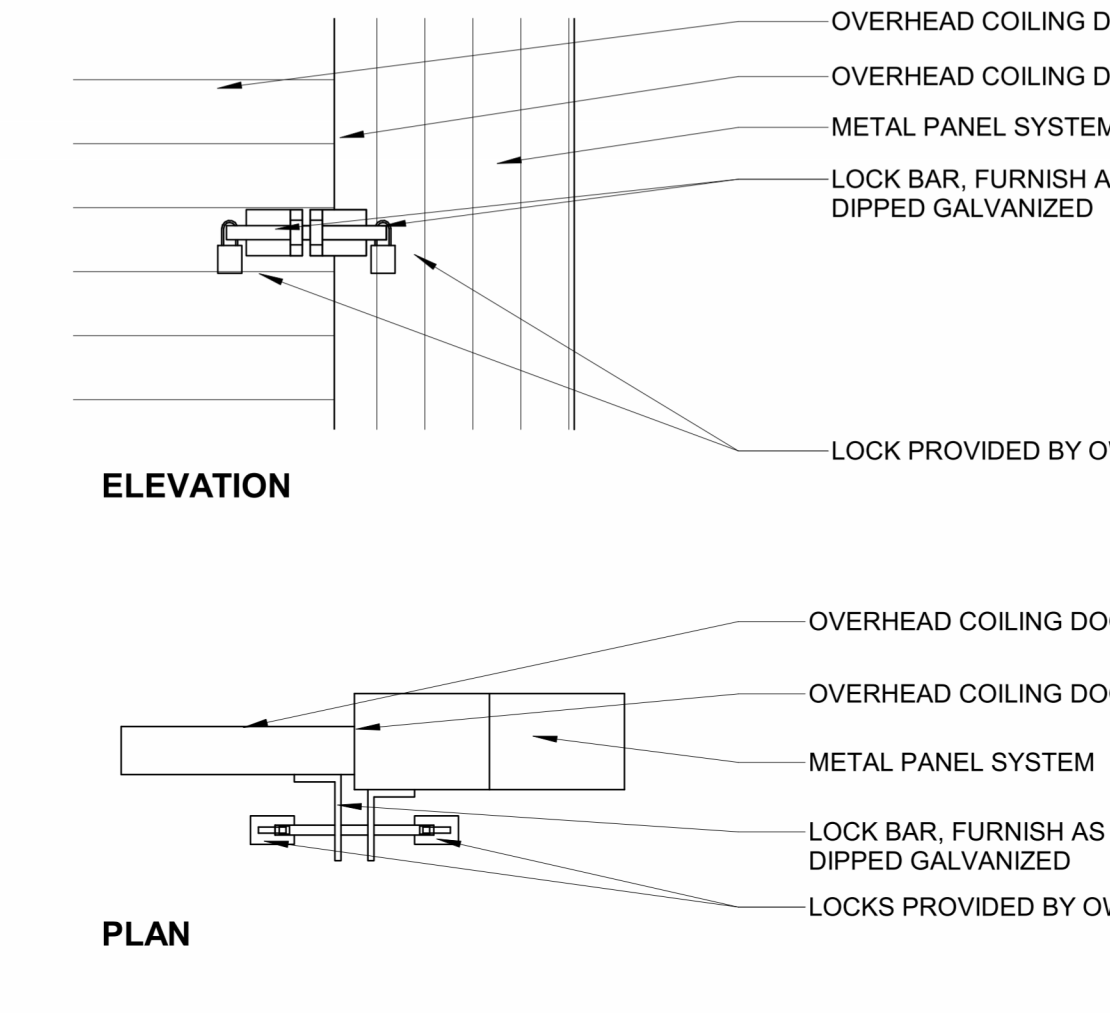
5 FLOOR PLAN - NEW WORK
 SCALE: 1/4" = 1'-0"
 0' 4' 8'



6 ROOF PLAN
 SCALE: 1/4" = 1'-0"
 0' 4' 8'

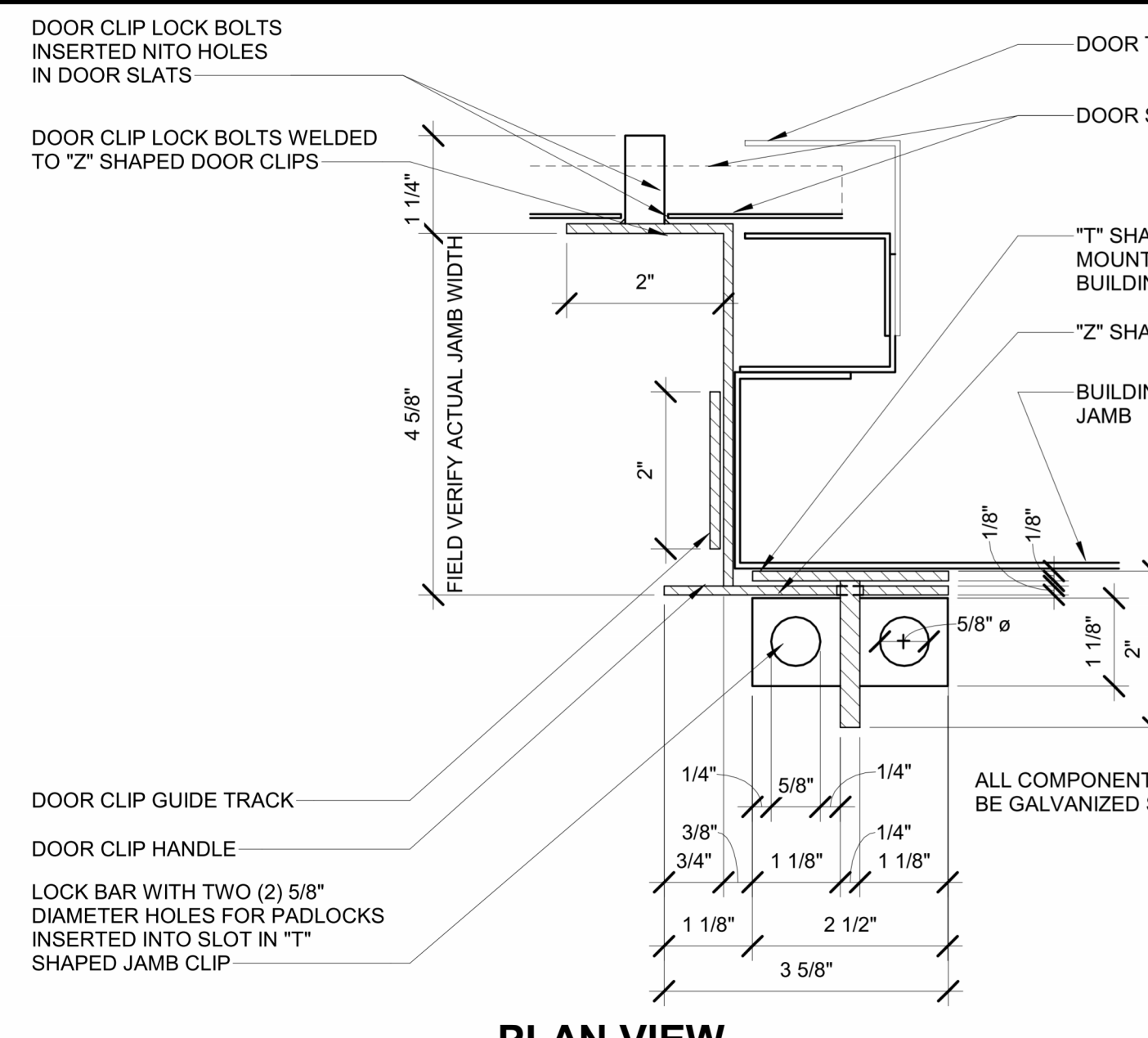


7 BUILDING SECTION
 SCALE: 1/4" = 1'-0"
 0' 4' 8'

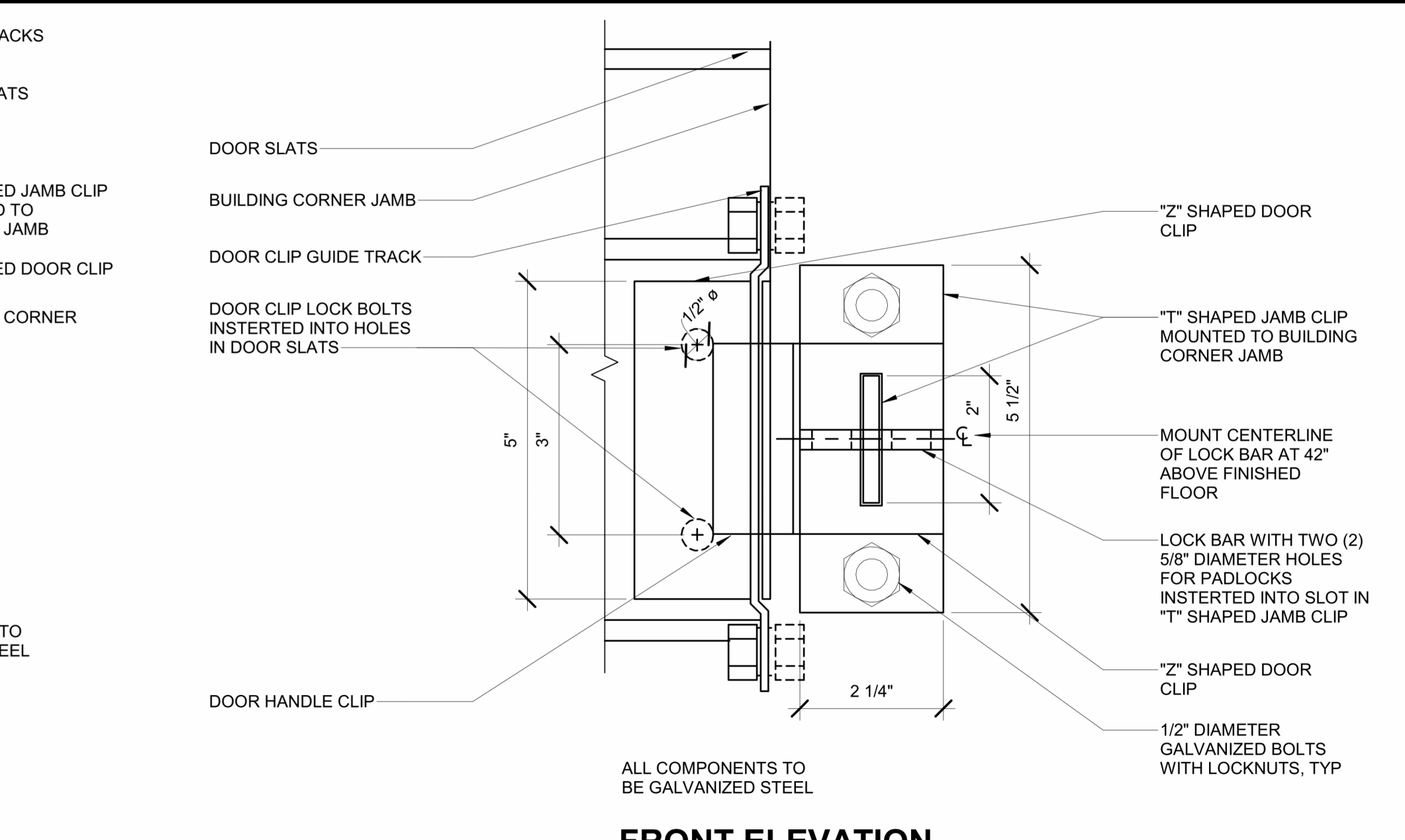


8 HASP/LOCK DETAIL
 SCALE: 1" = 1'-0"
 0' 1' 2'

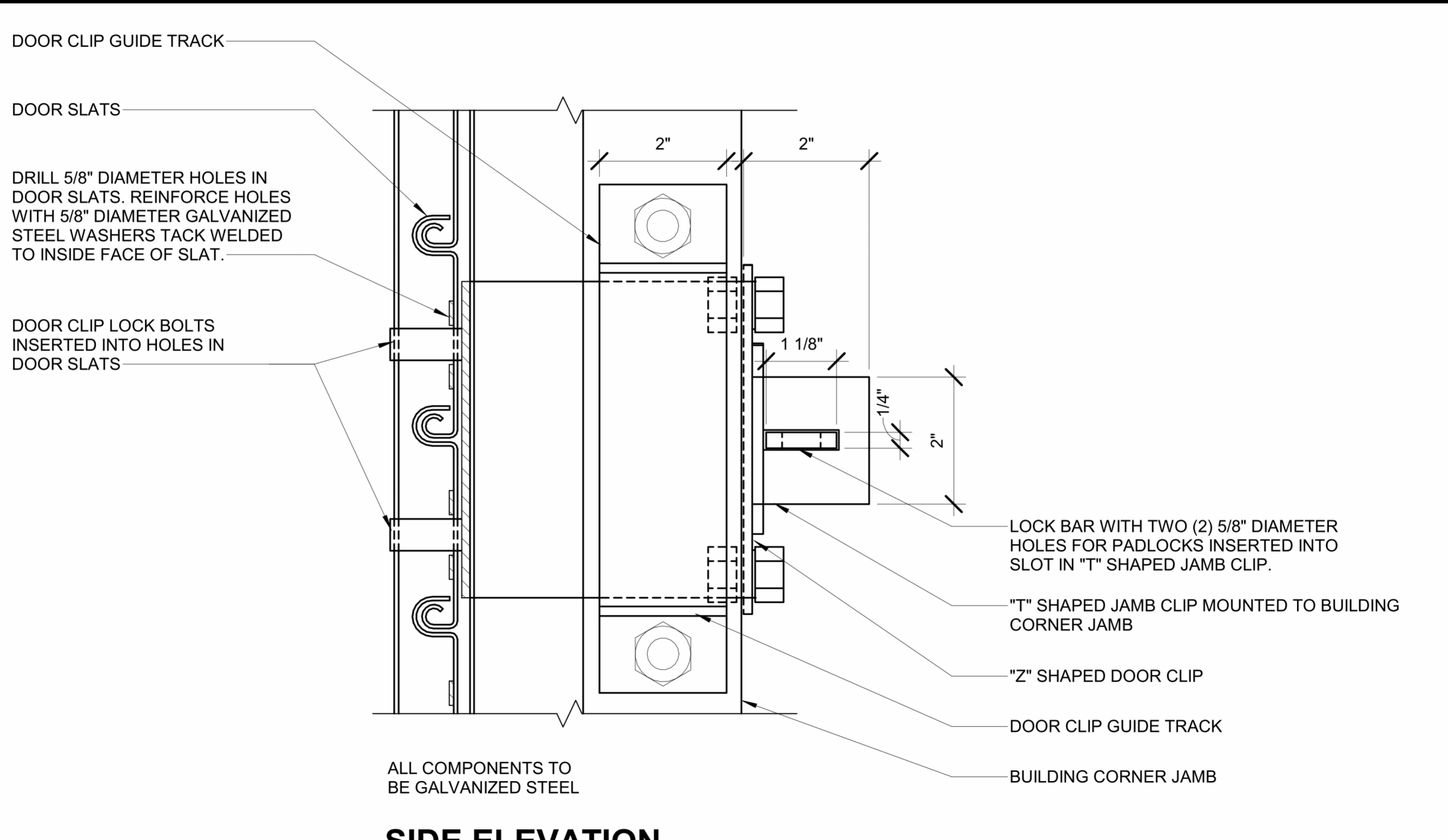
- WCLE NOTES**
- ALL EXTERIOR AND INTERIOR METAL WALL SURFACES AND ACCESSORIES SHALL BE PRECOATED ENAMEL ON STEEL OF MODIFIED SILICONE FINISH SELECTED FROM MANUFACTURER STANDARD RANGE.
 - PROVIDE SEALED SHOP DRAWINGS THAT INDICATE ASSEMBLY DIMENSION, LOCATION OF STRUCTURAL MEMBERS, CONNECTIONS, WALL AND ROOF SYSTEM DIMENSIONS, PANEL LAYOUT, CONSTRUCTION DETAILS, ANCHORAGES, AND ALL OTHER NECESSARY CONSTRUCTION DETAILS.
 - BASIS OF DESIGN IS PARKLINE INC. OR APPROVED EQUAL.
 - PROVIDE MINIMUM OF 20 YEAR MANUFACTURER WARRANTY.
 - GENERAL CONTRACTOR TO VERIFY WHEELCHAIR LIFT ENCLOSURE DIMENSIONS, ASSOCIATED SLAB DIMENSIONS, AND FOUNDATION REQUIREMENTS PER MANUFACTURER.
- KEYNOTES**
- INSTALL 3x4 DOWNSPOUT AND CONNECT TO STORMWATER SYSTEM. SEE CIVIL SHEETS. INSTALL GUTTER SUPPORTS PER MANUFACTURER'S RECOMMENDATIONS. TYP.
 - 22 GAUGE FACTORY PAINTED STANDING METAL SEAM ROOF. ROOF AND TRIM SHALL BE FACTORY PRIMED AND PAINTED TO MATCH.
 - 22 GAUGE GALVANIZED METAL WALL PANEL SYSTEM.
 - 26 GAUGE FACTORY PAINTED GUTTER, TYP. FINISH TO MATCH DOWNSPOUT AND ROOF TRIM.
 - ANGLE BRACKETS FOR ANCHORING TO SLAB.
 - 24"x24" ADJUSTABLE LOUVER, FACTORY FINISH TO MATCH BUILDING COLOR.
 - PROVIDE WATERPROOF SEAL AT PANEL AND CONCRETE SLAB INTERFACE.
 - BASE CHANNEL, TYP.
 - OVERHEAD COILING DOOR HOOD.
 - LOWER JAM EYE.
 - EYE IN RAISED POSITION.
 - SLOPS SHALL BE 3 INCHES IN 12 INCHES OR PER MANUFACTURER'S SPECIFICATIONS.
 - HEAVY DUTY IMPACT RESISTANT OVERHEAD COILING DOOR. FACTORY FINISH TO MATCH BUILDING COLOR. SEE HASP DETAILS FOR TWO INDEPENDENT LOCKING MECHANISMS.
 - SPLASH BLOCK.



9 WHEELCHAIR LIFT ENCLOSRE HASP DETAILS
 SCALE: 6" = 1'-0"
 0' 2' 4'



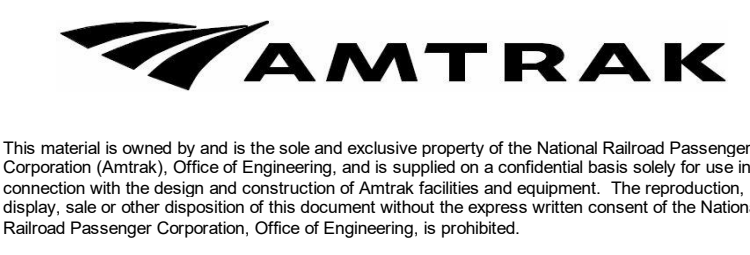
FRONT ELEVATION



SIDE ELEVATION

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
 Central File: BIM360_A_Central_R20.rvt
 Project Number: 067435
 11/17/2023 1:23:40 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer
 National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
Project Code:	067435	WBS:	CEN 100694.0131
Sheet No.:	26 OF 41	WHEELCHAIR LIFT ENCLOSURE DETAILS	
Designed RPP	Drawn RPP	Checked JAS	Date 11/03/2023

Draw. No. **A101**

FLOOR PLAN NOTES

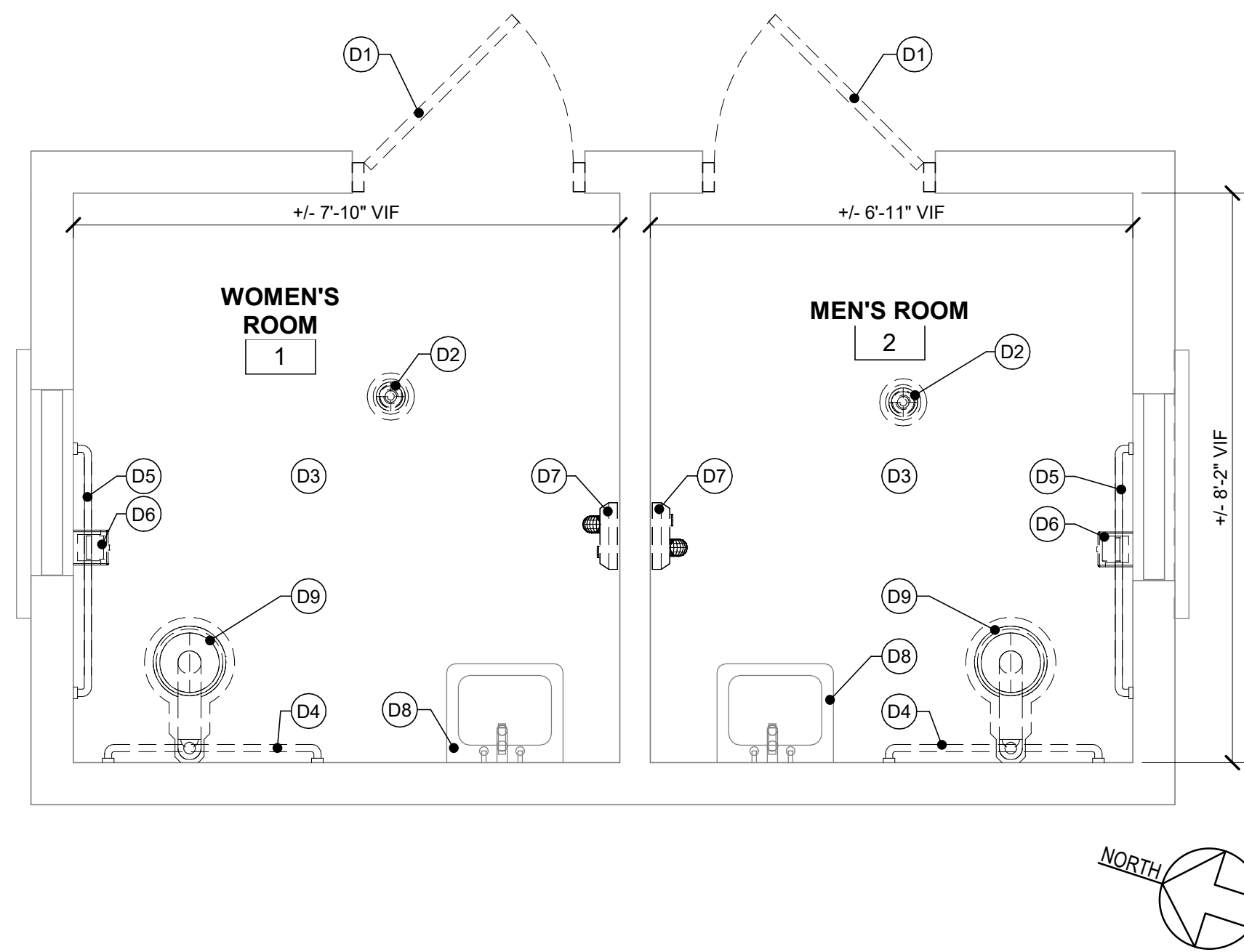
- 1 ALL DIMENSIONS AT WALLS ARE FROM FACE OF FINISH TO FACE OF FINISH, UNLESS OTHERWISE NOTED.
- 2 DIMENSIONS AT CMU WALLS ARE TO THE FACE OF CMU UNLESS NOTED OTHERWISE.
- 3 SEE CIVIL DRAWINGS FOR FINISHED FLOOR ELEVATIONS.

DEMOLITION KEYNOTES

- D1 DEMOLISH DOOR AND FRAME IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE NEW WORK.
- D2 REMOVE FLOOR DRAIN, TRAP, PIPING, AND SURROUND AREA. PREPARE AREA TO RECEIVE NEW FLOOR DRAIN WITH ADA COMPLIANT SLOPES.
- D3 DEMOLISH TILE FLOOR. PREPARE AREA TO RECEIVE NEW WORK.
- D4 SALVAGE REAR GRAB BAR. PATCH AND REPAIR EXISTING HOLES TO MATCH EXISTING FINISHES. PREPARE AREA TO RECEIVE NEW WORK.
- D5 EXISTING SIDE GRAB BAR TO REMAIN.
- D6 SALVAGE TOILET PAPER DISPENSER. PATCH AND REPAIR EXISTING HOLES TO MATCH EXISTING FINISHES. PREPARE AREA TO RECEIVE NEW WORK.
- D7 DEMOLISH HAND DRYER.
- D8 EXISTING LAVATORY, FAUCET, AND TRIM TO REMAIN.
- D9 REMOVE WATER CLOSET, FLUSH VALVE ACCESSORIES, AND WAX RING. TEMPORARILY CAP WATER AND SANITARY PIPING. PREPARE AREA TO RECEIVE NEW WORK.
- D10 SALVAGE EXISTING SHELTER BENCHES.
- D11 DEMOLISH THRESHOLD IN ITS ENTIRETY. PREPARE AREA TO RECEIVE NEW WORK.
- D12 REMOVE EXISTING SIGN BASE. SALVAGE EXISTING SIGNAGE TO BE REINSTALLED. REFER TO A750 SIGN 2

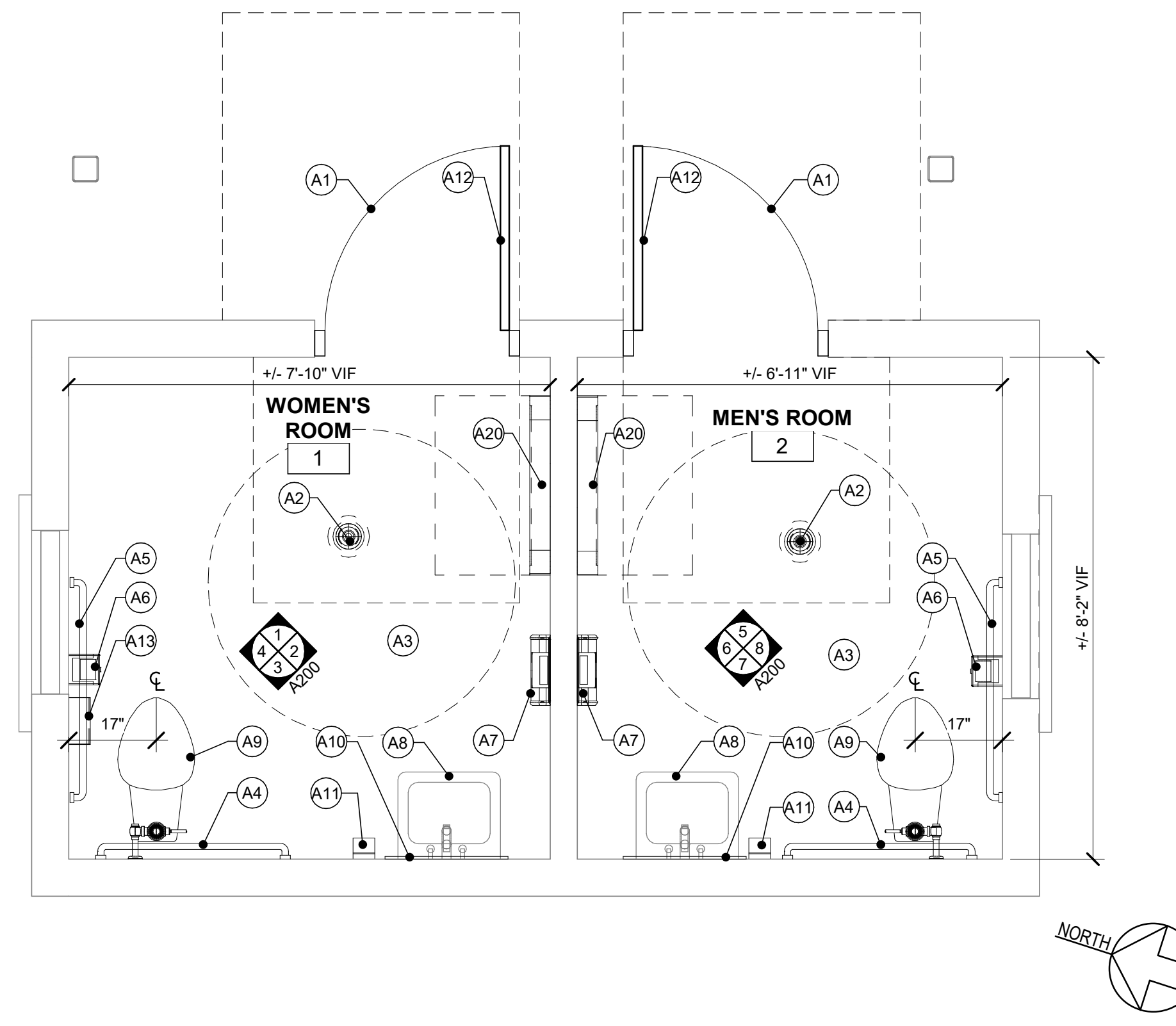
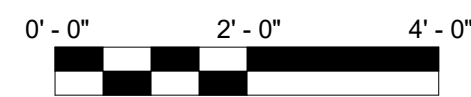
NEW WORK KEYNOTES

- A1 INSTALL DOOR AND FRAME. ADJUST DOOR CLOSER TO MEET ADA REQUIRED OPENING FORCE OF 5LBS AND CLOSING SPEED OF 5 SECONDS FROM 90 DEGREE OPEN.
- A2 PROVIDE FLOOR DRAIN, TRAP, AND PIPING. MODIFY PIPING TO COORDINATE IN DRAIN LOCATION. ADJUST FLOOR TO MEET ADA REQUIRED SLOPES. INSTALL FLOORING TO MATCH EXISTING FINISHES.
- A3 INSTALL TILE FLOORING TO EXTENTS SHOWN ON PLANS. MATCH EXISTING FINISHES.
- A4 INSTALL SALVAGED GRAB BAR. REFER TO DETAILS ON A001.
- A5 EXISTING SIDE GRAB BAR TO REMAIN.
- A6 INSTALL SALVAGED TOILET PAPER DISPENSER. REFER TO DETAIL ON A001.
- A7 INSTALL BOBRICK TRIMDRY HAND DRYER. REFER TO DETAILS ON A001 AND A500.
- A8 EXISTING LAVATORY, FAUCET, AND TRIM TO REMAIN.
- A9 PROVIDE WATER CLOSET, FLUSH VALVE ACCESSORIES AND WAX RING. MODIFY EXISTING WATER PIPING, AS REQUIRED. REFER TO DETAILS ON A001.
- A10 INSTALL MIRROR. REFER TO DETAILS ON A001.
- A11 INSTALL SOAP DISPENSER. REFER TO DETAIL ON A001.
- A12 INSTALL COAT HOOK
- A13 INSTALL SANITARY NAPKIN RECEPTACLE.
- A14 SIGNAGE. REFER TO A750.
- A15 INSTALL BENCHES AS SHOWN ON PLAN.
- A16 INSTALL SALVAGED BENCHES AS SHOWN ON PLAN.
- A17 INSTALL ADA COMPLIANT DOOR THRESHOLD. REFER TO DETAIL ON A500.
- A18 INSTALL BABY CHANGING STATION. REFER TO A001 FOR MOUNTING HEIGHT.
- A20 MODIFY EXISTING CONCRETE AT SHELTER ENTRANCE TO COMPLY WITH 2% MAX SLOPE PER ADA. EXISTING RUNNING +/- 2.8%.
- A25 INSTALL ADA COMPLIANT STAINLESS STEEL KICKPLATE. REFER TO DETAILS 6 AND 7 ON A500.



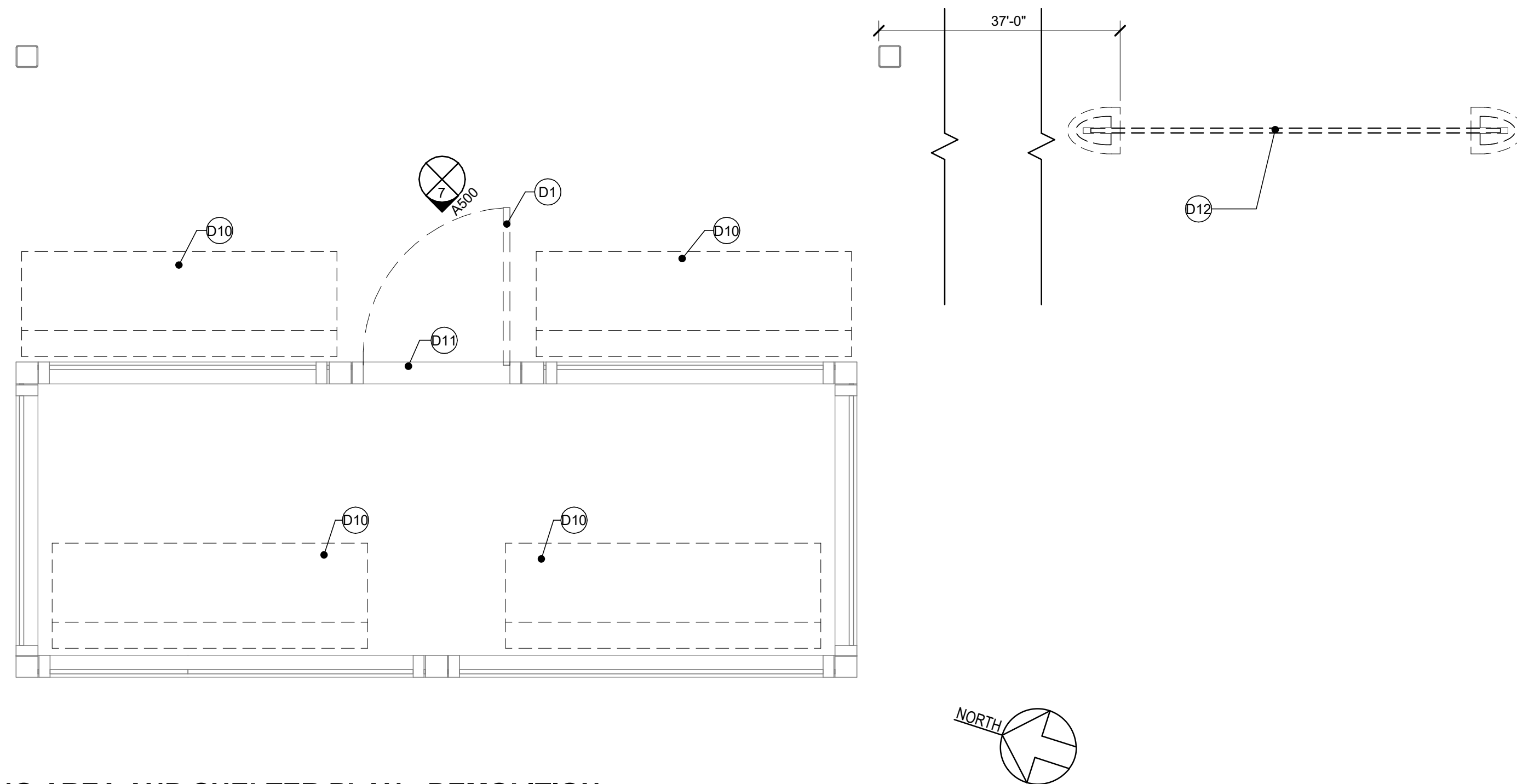
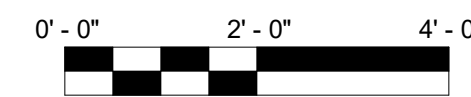
1 RESTROOM FLOOR PLAN - DEMOLITION

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



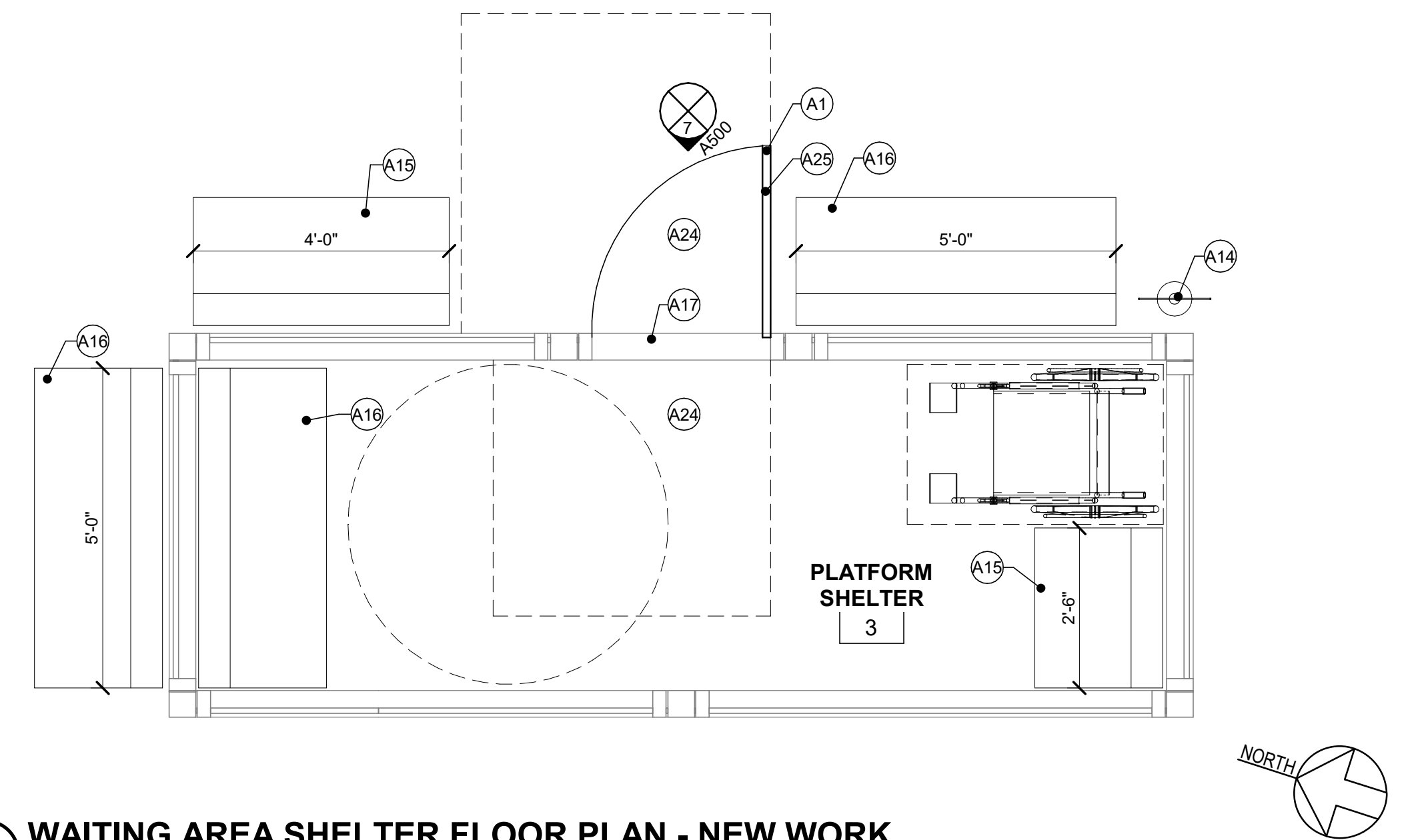
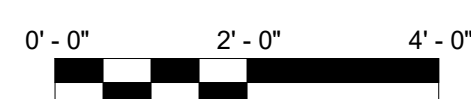
2 RESTROOM FLOOR PLAN - NEW WORK

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



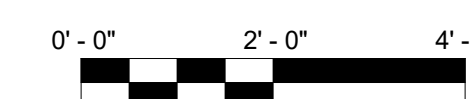
3 WAITING AREA AND SHELTER PLAN - DEMOLITION

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



4 WAITING AREA SHELTER FLOOR PLAN - NEW WORK

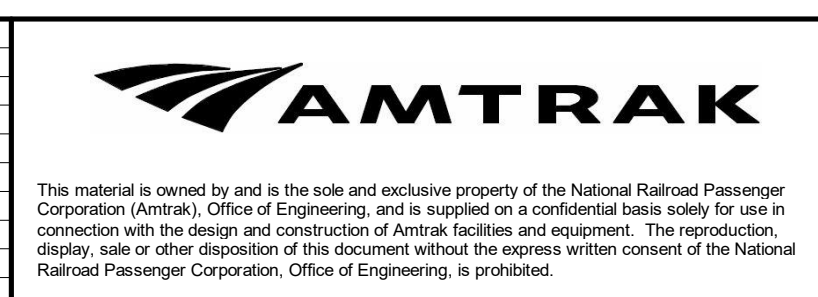
SCALE: 1/2" = 1'-0"



Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt

Project Number: 067435
11/03/2023 1:23:42 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



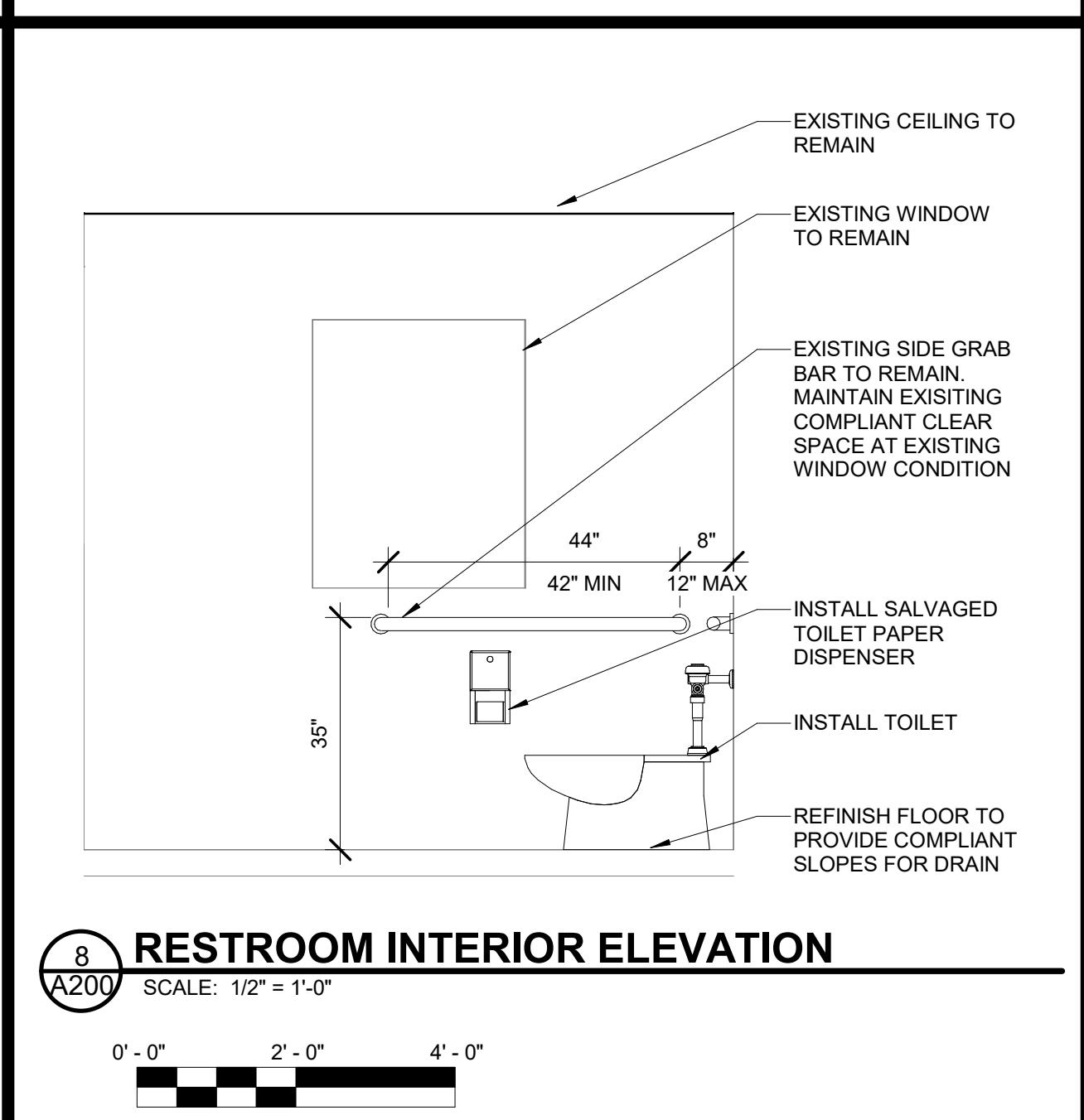
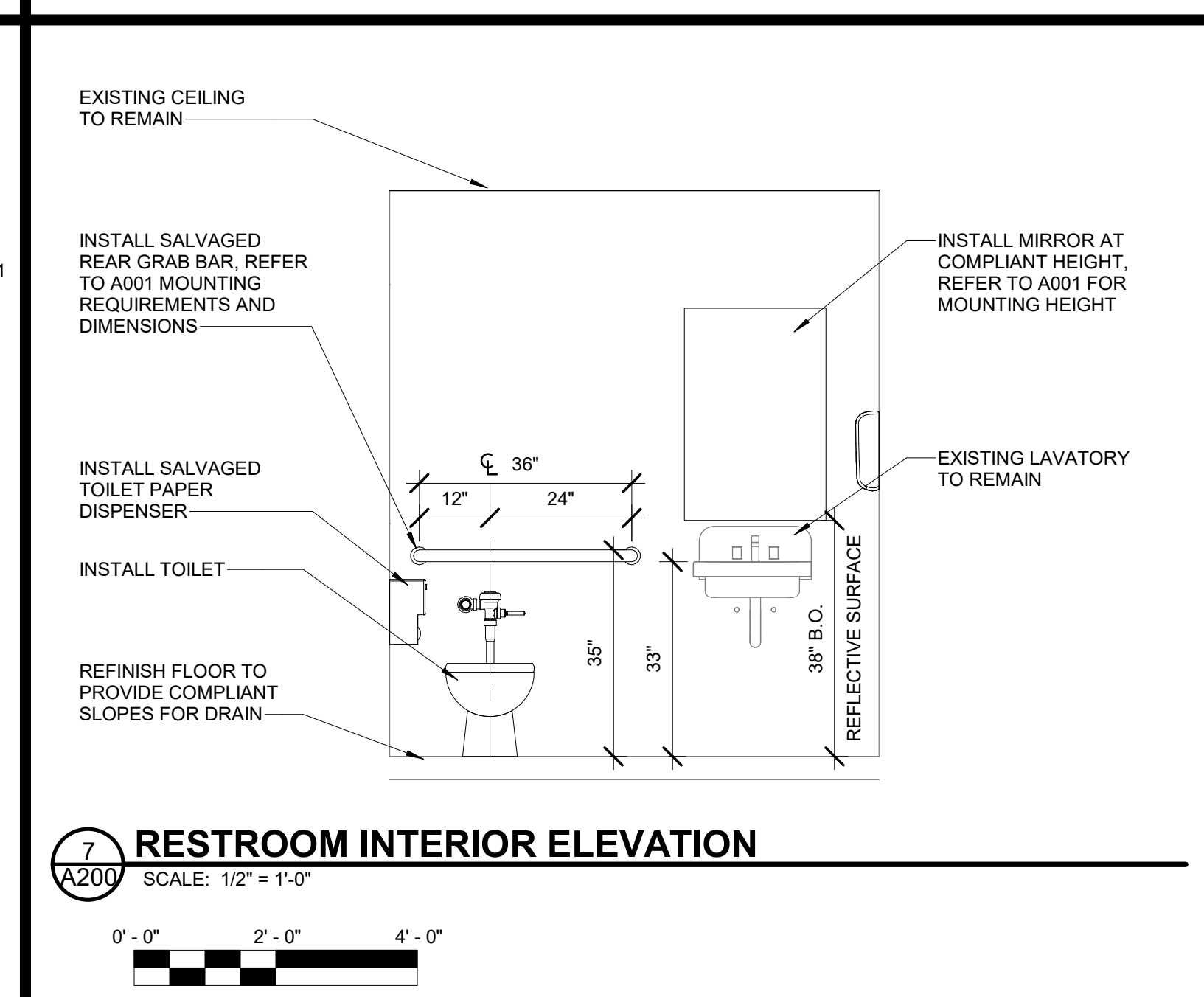
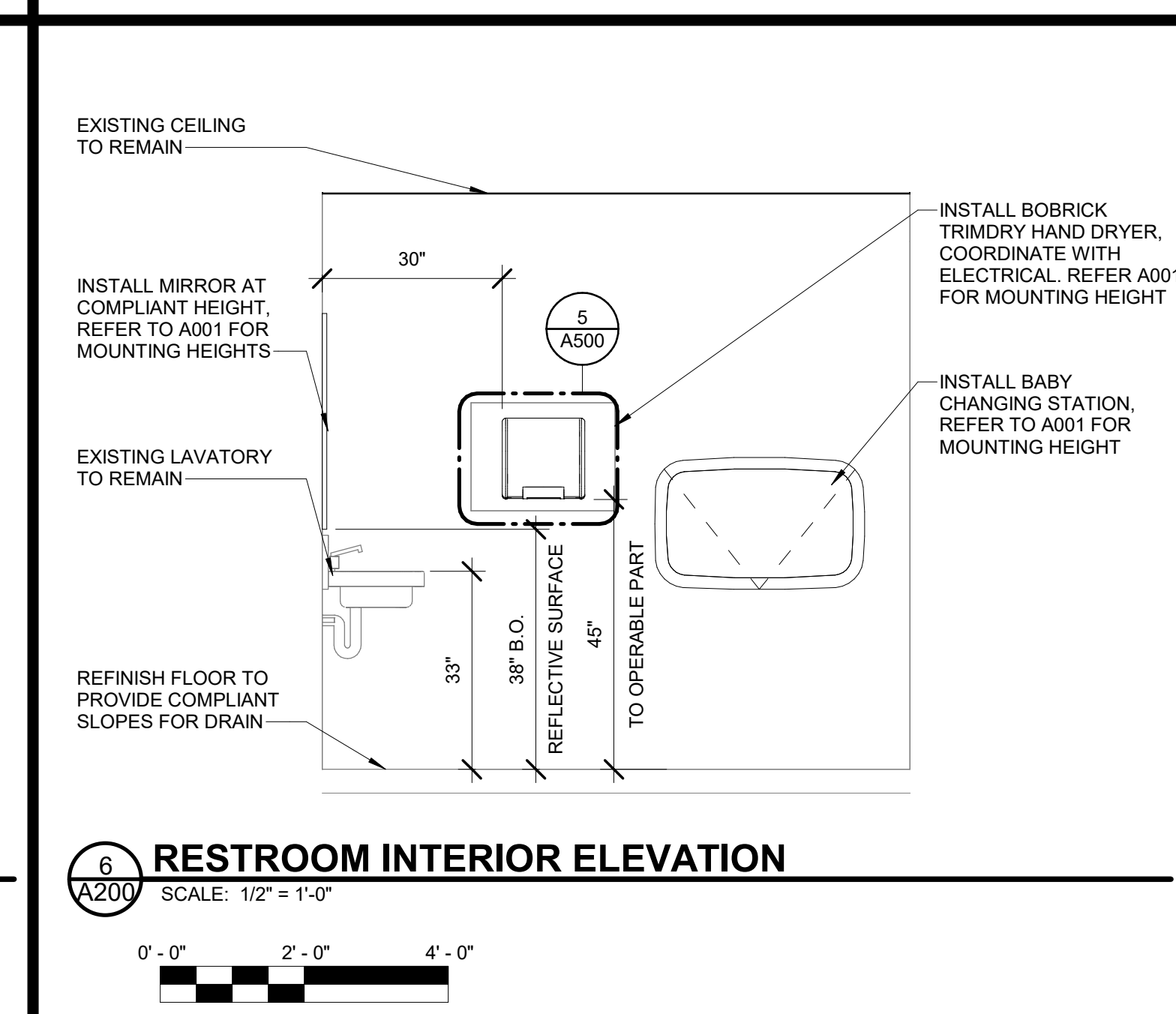
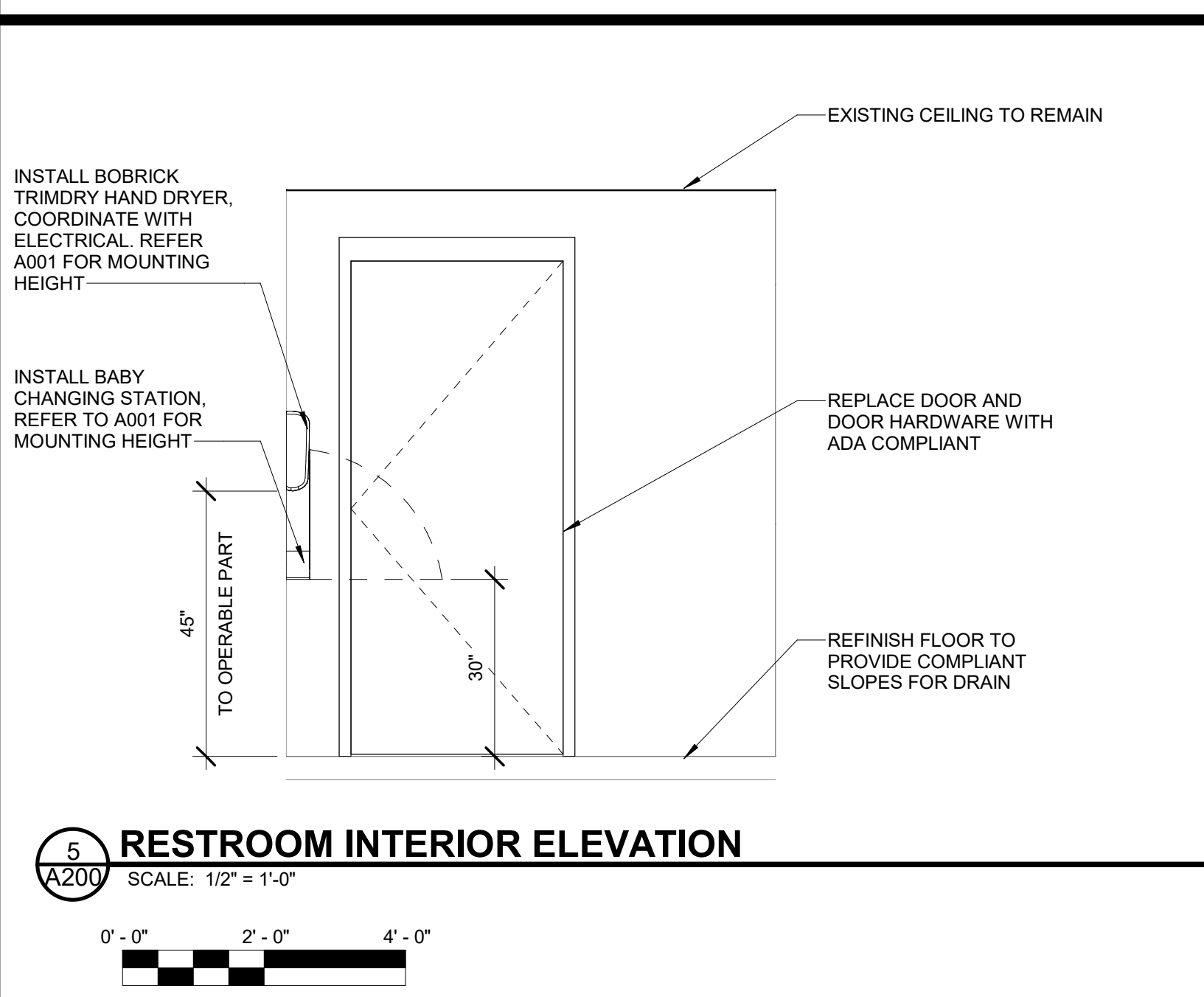
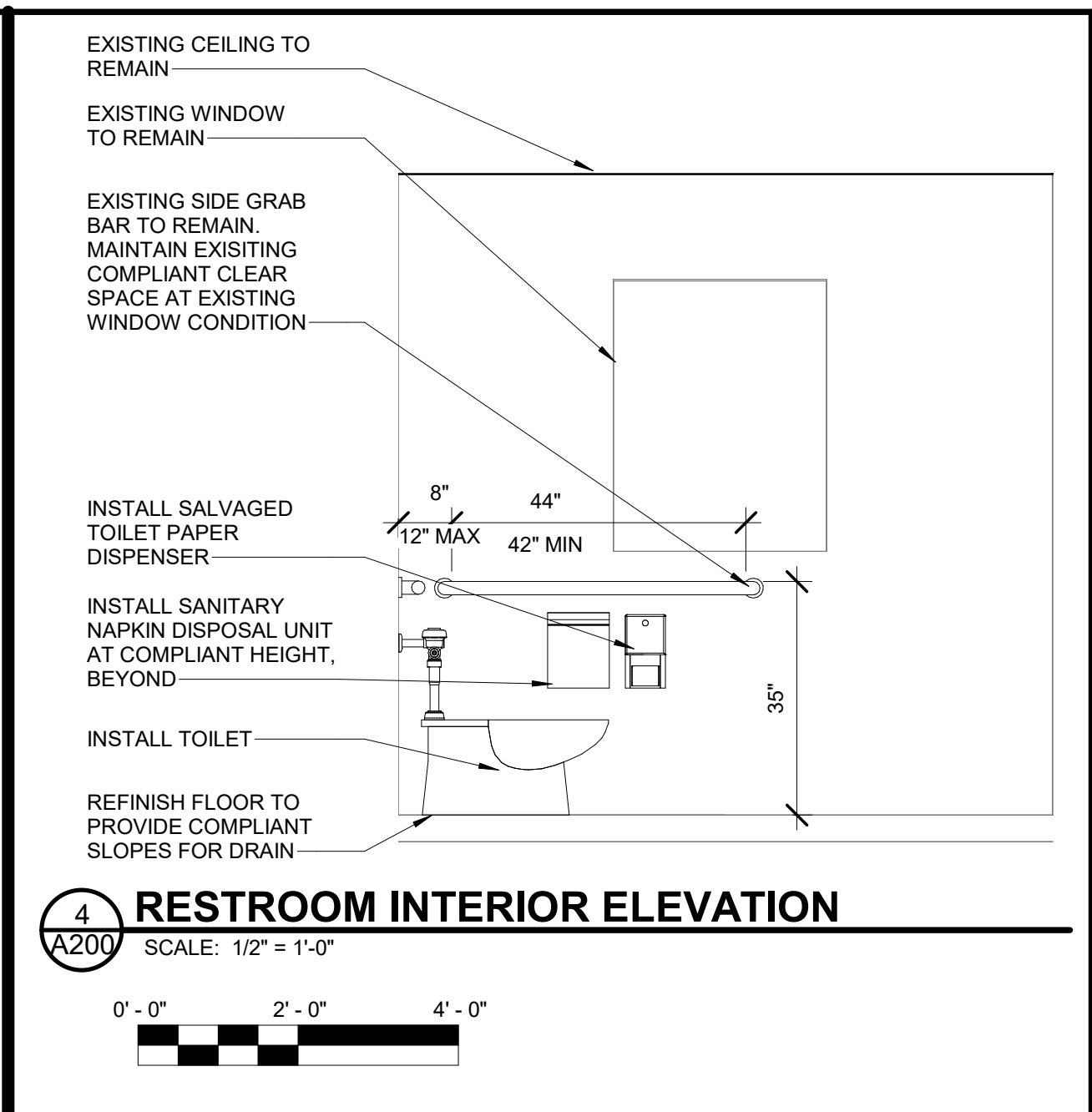
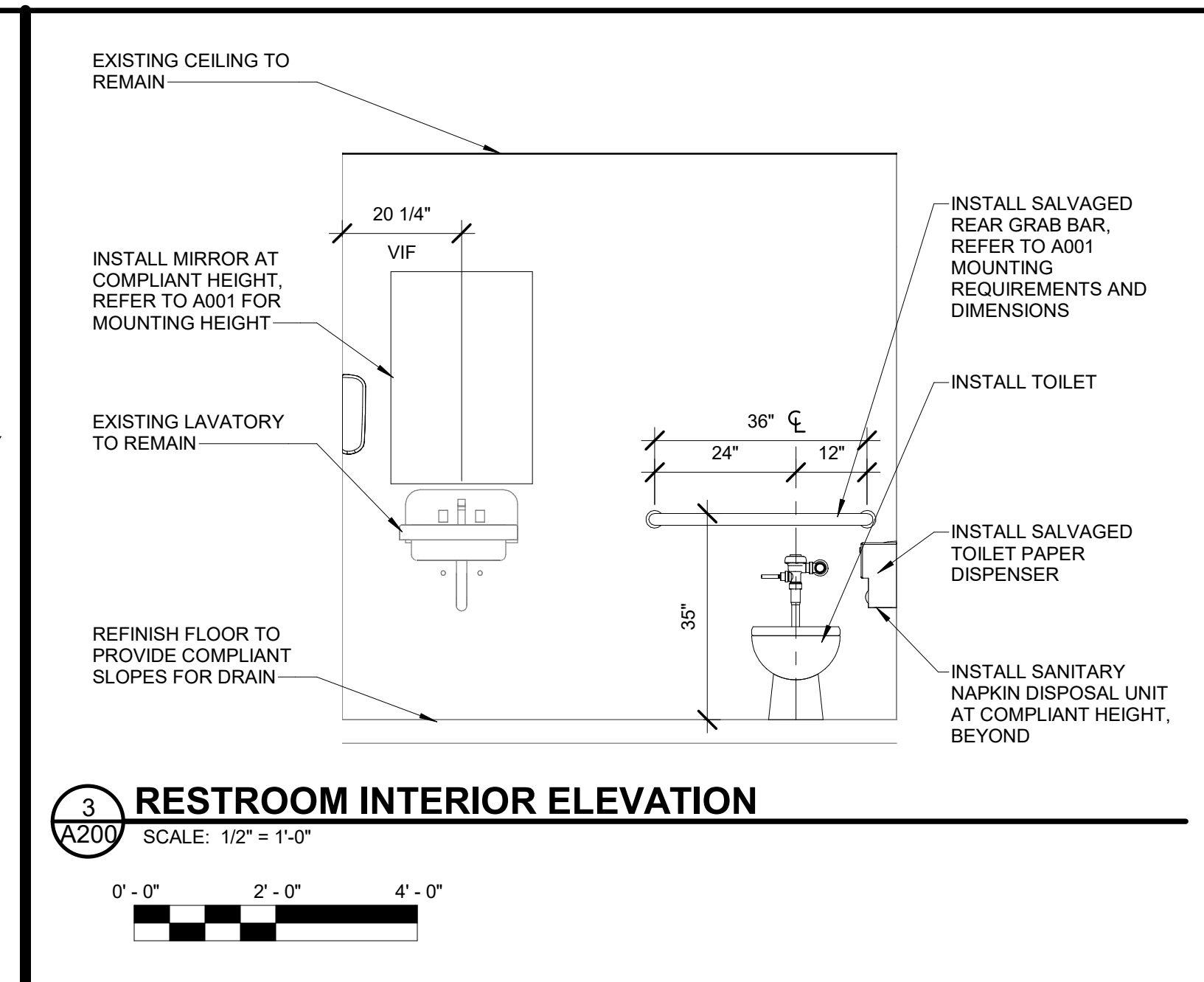
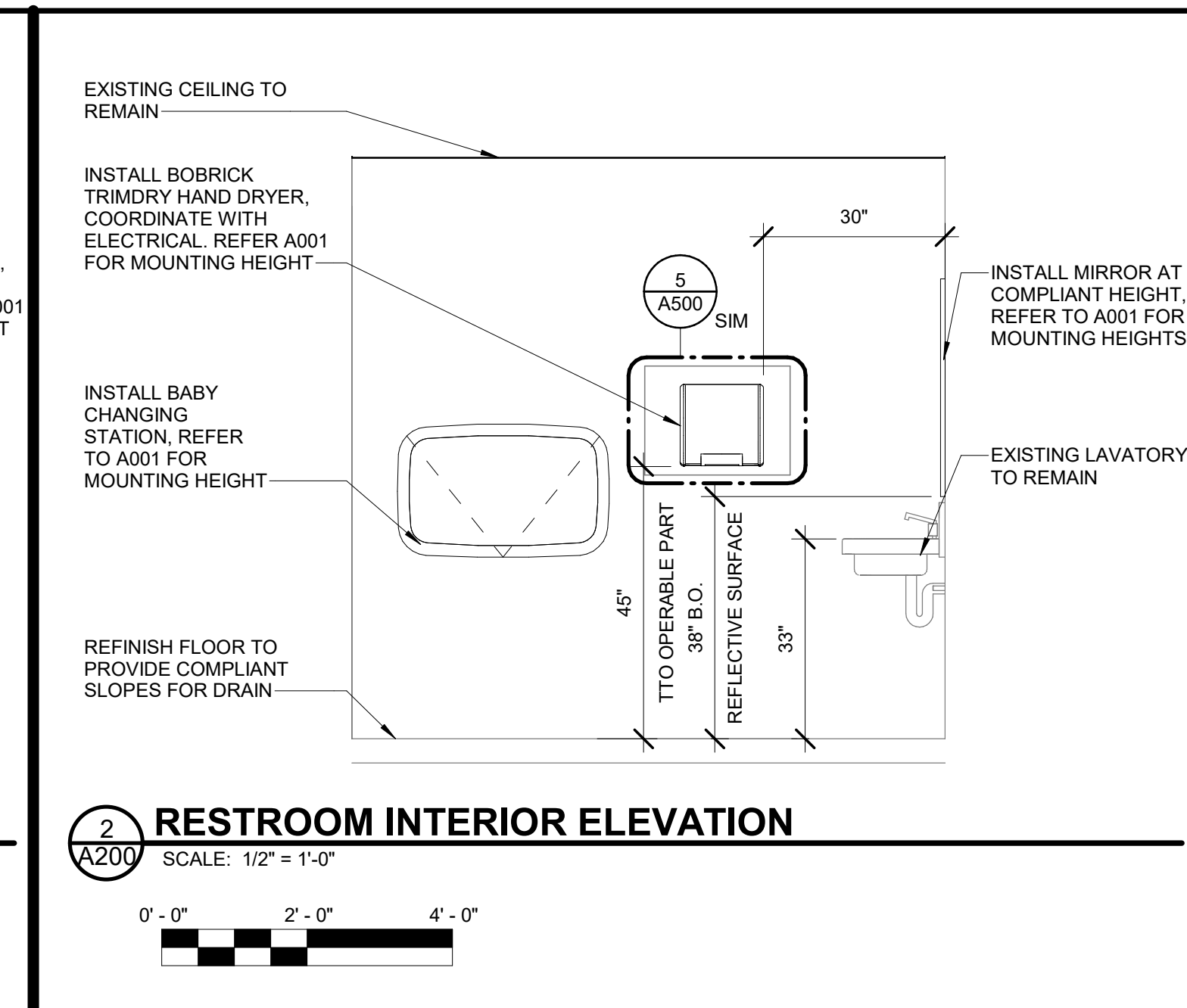
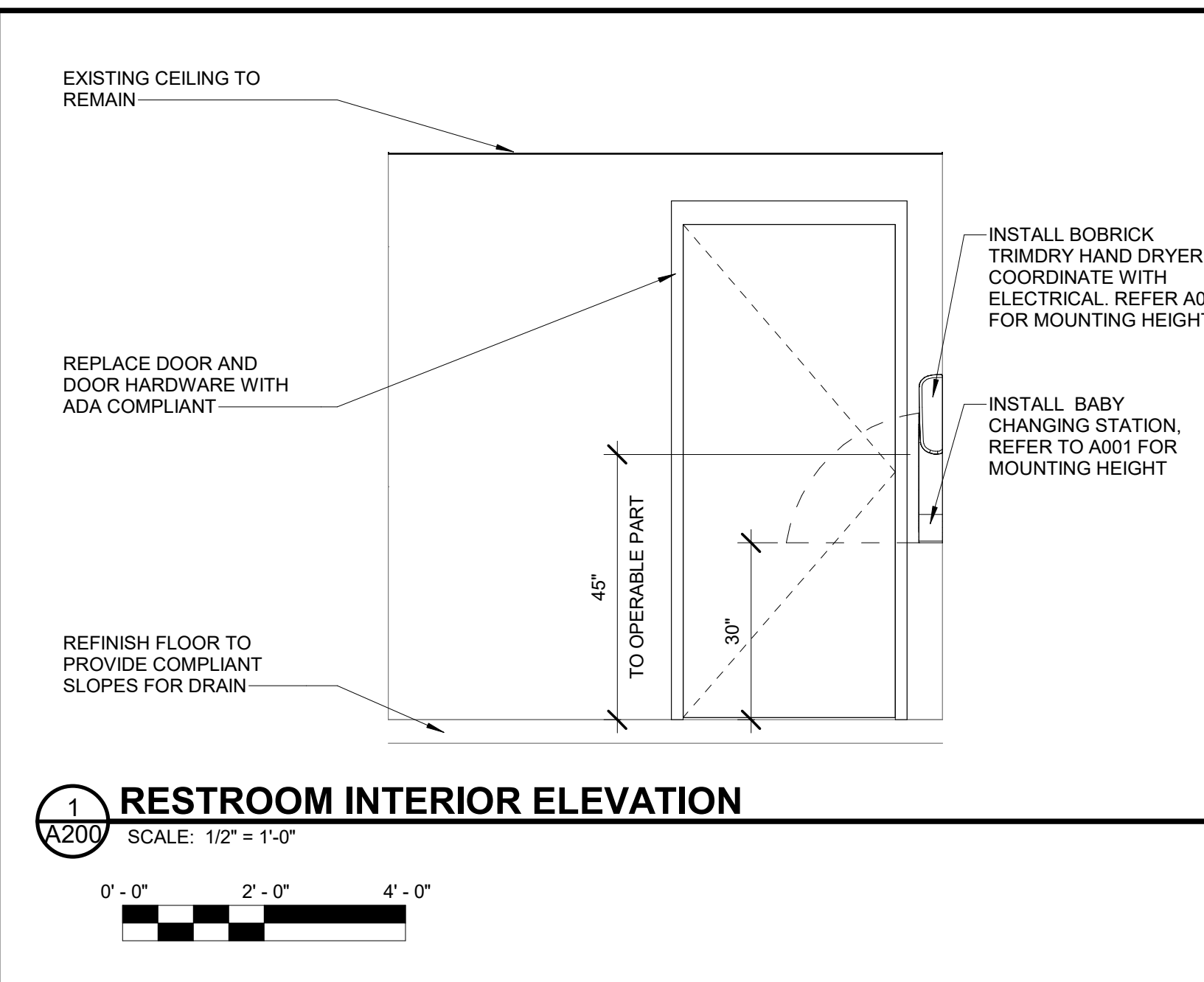
LEE'S SUMMIT (LEE)
ADA STATIONS PROGRAM (ADASP)

ENLARGED FLOOR PLANS

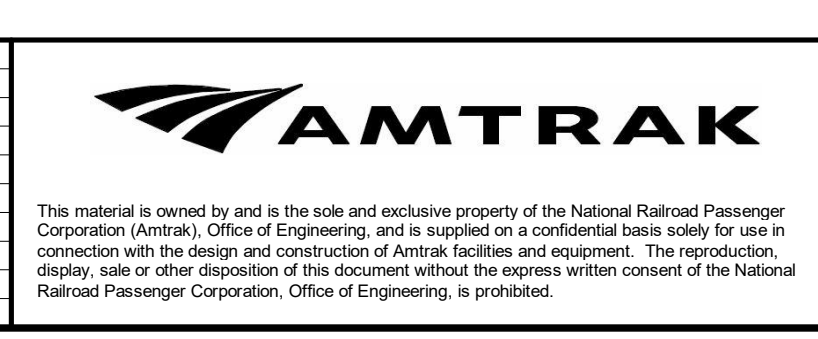
Designed RPP Drawn LM Checked JAS Date 11/03/2023

Project Code: 067435
WBS: CEN 100694.0131
Sheet No. 27 OF 41
Dwg. No. **A102**

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R20.rvt
 Central File: BIM360_A_Central_R20.rvt



No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer

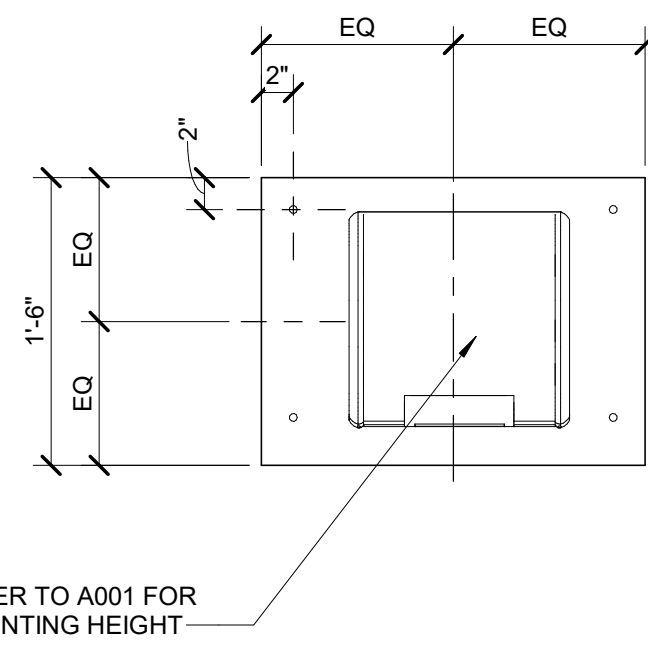
National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



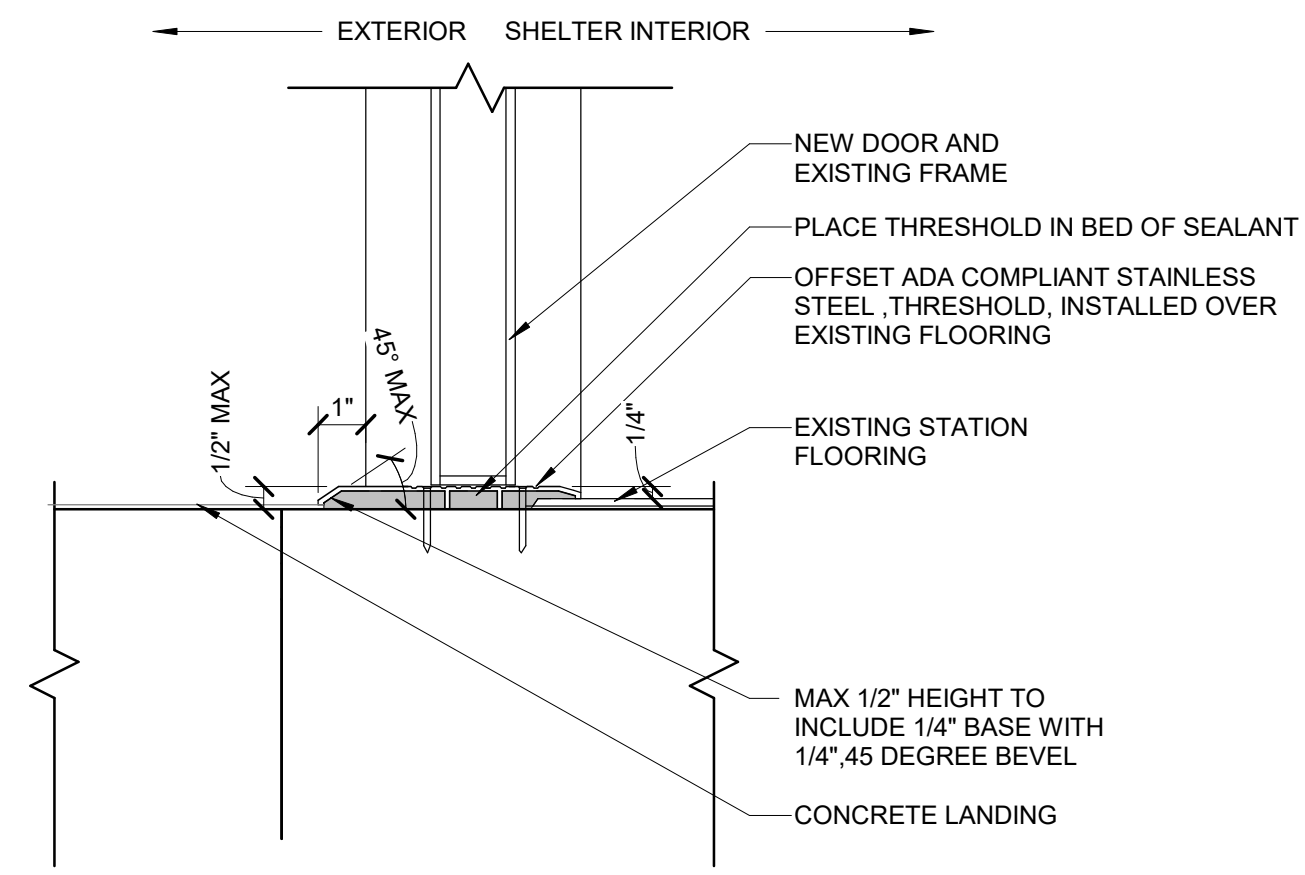
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	
Project Code:	067435	WBS:	CEN 100694.0131
Sheet No.:	28 OF 41	Sheet No.:	28 OF 41
INTERIOR RESTROOM ELEVATION			
Designed RPP	Drawn LM	Checked JAS	Date 11/03/2023

Drawn No. **A200**



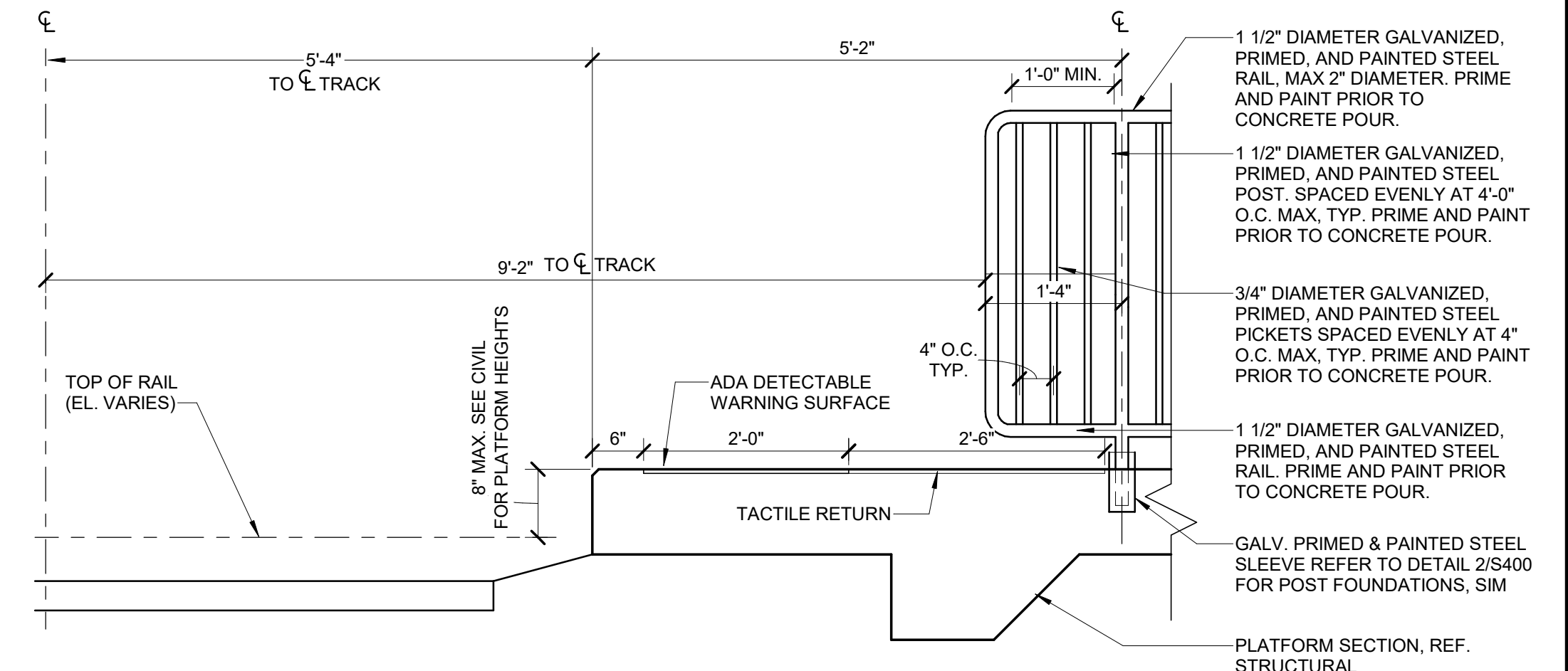
5 HAND DRYER MOUNTING DETAIL

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



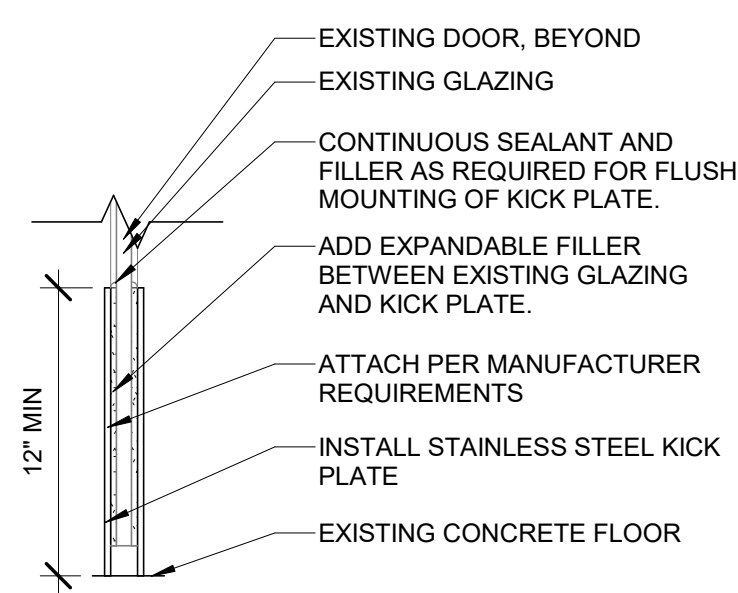
4 DOOR THRESHOLD DETAIL

SCALE: 3" = 1'-0"
0" 4" 8"



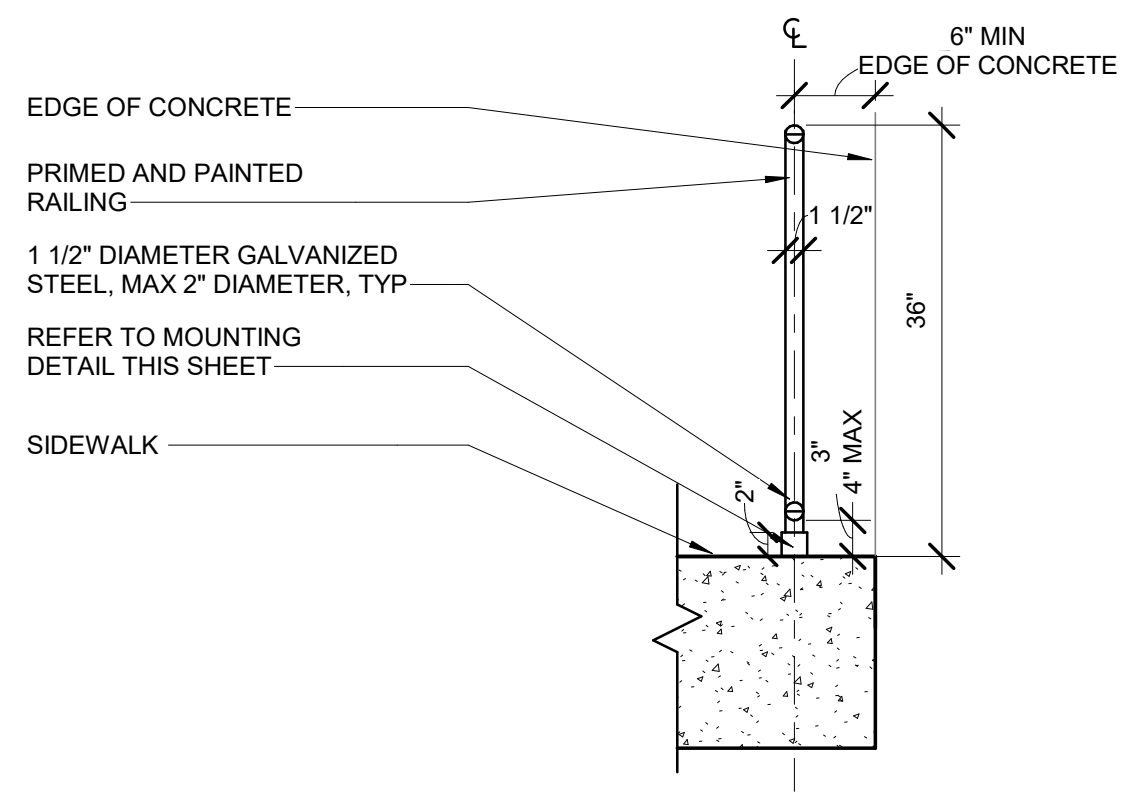
2 RAILING SECTION

SCALE: 3/4" = 1'-0"
0' - 0" 1' - 0" 2' - 0"



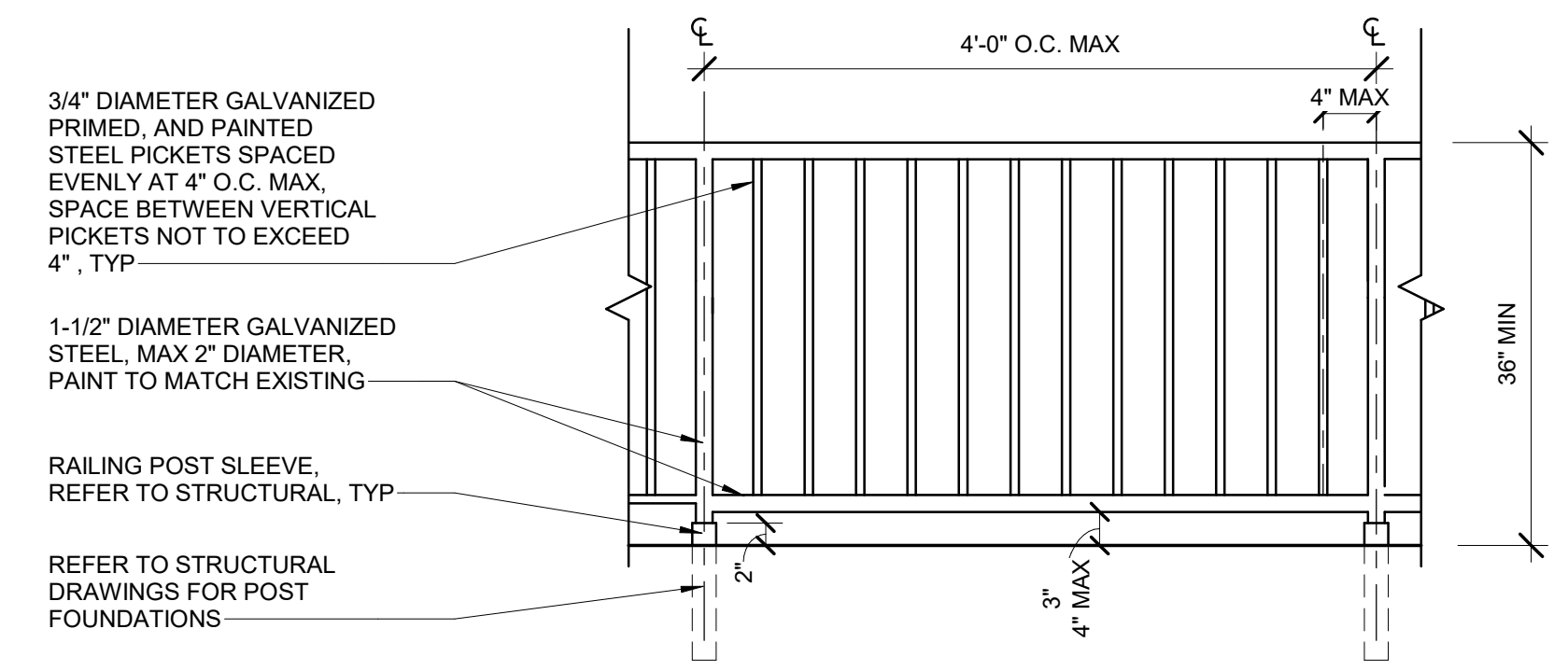
6 KICK PLATE DETAIL

SCALE: 1 1/2" = 1'-0"
0" 6" 1' - 0"



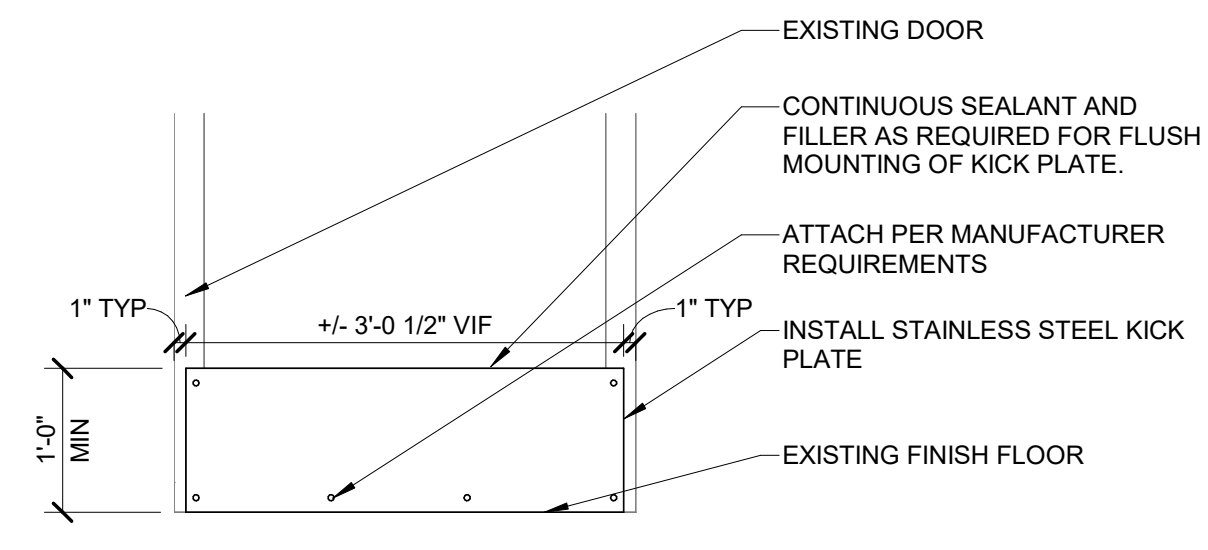
3 GUARD RAIL SECTION AT CONCRETE EDGE

SCALE: 3/4" = 1'-0"
0' - 0" 1' - 0" 2' - 0"



1 GUARD RAIL ELEVATION

SCALE: 3/4" = 1'-0"
0' - 0" 1' - 0" 2' - 0"

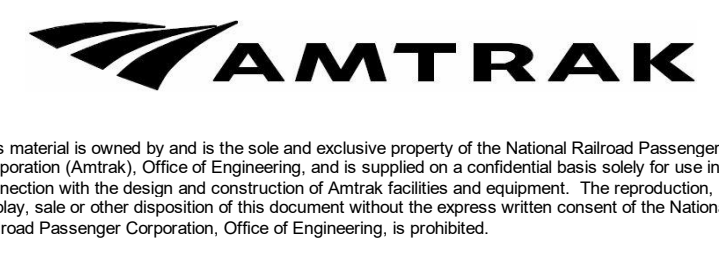


7 KICK PLATE DETAIL

SCALE: 3/4" = 1'-0"
0' - 0" 1' - 0" 2' - 0"

Project Number: 067435
11/7/2023 1:23:43 PM
Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB

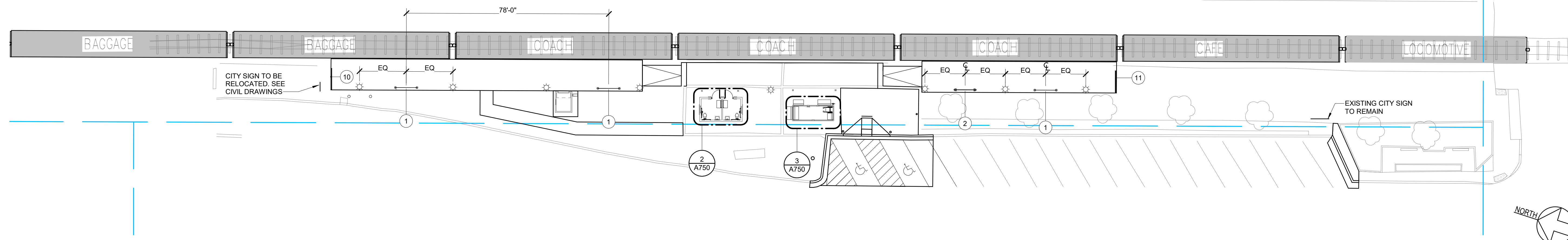


Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

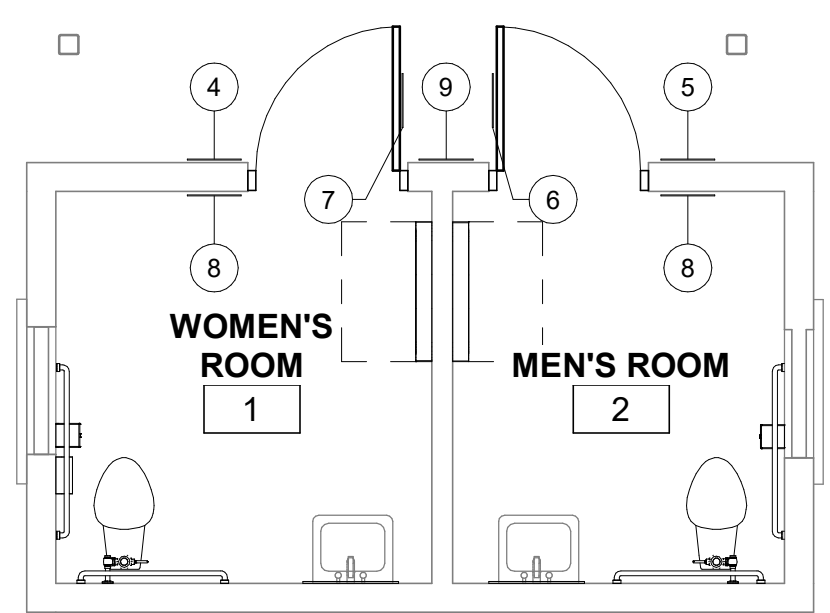


LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
DESIGNED RPP		DRAWN RPP		WBS: CEN 100694.0131
CHECKED JAS		DATE 11/03/2023		Sheet No. 29 OF 41
DETAILS				Dwg. No. A500



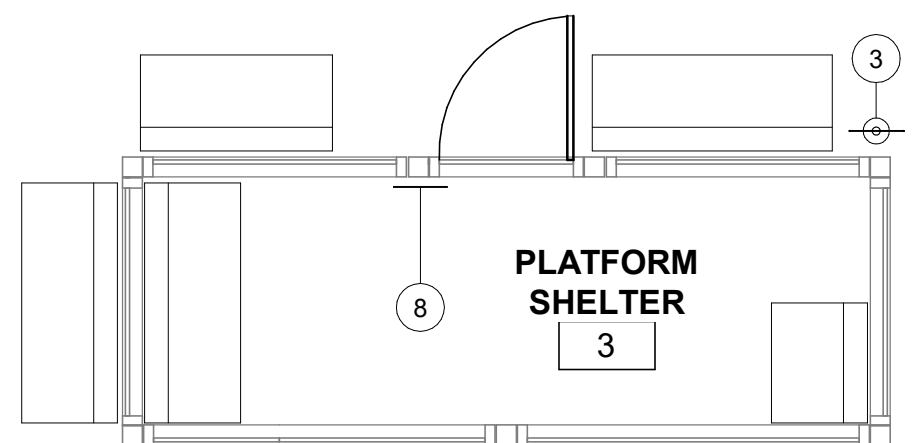
1 PLATFORM SIGNAGE PLAN

SCALE: 1" = 20'-0"
0' 20' 40'



2 RESTROOM PAVILION SIGNAGE PLAN

SCALE: 1/4" = 1'-0"
0' 4' 8'



3 PLATFORM SHELTER SIGNAGE PLAN

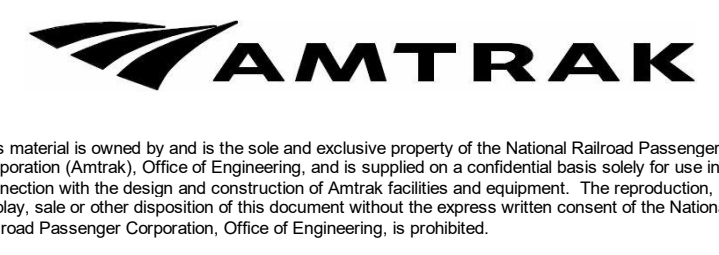
SCALE: 1/4" = 1'-0"
0' 4' 8'

SIGNAGE SCHEDULE

SIGN #	SIGN TYPE	MOUNTING TYPE	SIGN MESSAGE	SIGN MOUNTING DETAIL	COMMENTS	COUNT
1	A1B	PANEL MOUNTED	SIDE A"LEE'S SUMMIT, MO" SIDE B "LEE'S SUMMIT STATION"	1/A753, 5/A760		3
2	A11	PANEL MOUNTED	EXISTING	5/A760	SALVAGED SIGN TO BE INSTALLED ON PLATFORM	1
3	A12	POST MOUNTED	"LEE'S SUMMIT, MO" GRADE 2 BRAILLE	1/A753, 1/A760, 8/A760		1
4	B17	WALL MOUNTED	"WOMEN", GRADE 2 BRAILLE	1/A753, 4/A760		1
5	B17	WALL MOUNTED	"MEN", GRADE 2 BRAILLE	1/A753, 4/A760		1
6	B18	DOOR MOUNTED	WOMEN RESTROOM AND ADA GRAPHIC	1/A753, 7/A760		1
7	B18	DOOR MOUNTED	MEN RESTROOM AND ADA GRAPHIC	1/A753, 7/A760		1
8	B19a	WALL MOUNTED	"EXIT", GRADE 2 BRAILLE	1/A753, 7/A760	IF SIGNAGE IS TO BE MOUNTED TO GLAZING, PROVIDE BLANK SIGN ON OPPOSITE SIDE OF GLAZE TO OBSCURE MOUNTING	3
9	D1	WALL MOUNTED	NO SMOKING GRAPHIC	1/A753, 4/A760		1
10	D3	RAILING MOUNTED	"CAUTION, END OF PLATFORM"	1/A753, 2/A760, 3/A760		1
11	D4	RAILING MOUNTED	"AUTHORIZED PERSONNEL", GRADE 2 BRAILLE	1/A753, 2/A760, 3/A760		1

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360_A_Central_R20.rvt
Project Number: 067435
11/7/2023 1:23:44 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
PLATFORM AND PAVILION SIGNAGE PLAN				WBS: C:EN 100694 0131
				Sheet No. 30 OF 41
Designed LM	Drawn LM	Checked JAS	Date 11/03/2023	Dwg. No. A750

STANDARD SIGNAGE TEXT STYLES

STANDARD SIGNAGE TEXT STYLES

FRUTIGER 55 ROMAN STYLE	FRUTIGER 65 BOLD STYLE
A B C D E F G H I J K L M N	A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z	O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n	a b c d e f g h i j k l m n
o p q r s t u v w x y z	o p q r s t u v w x y z
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0

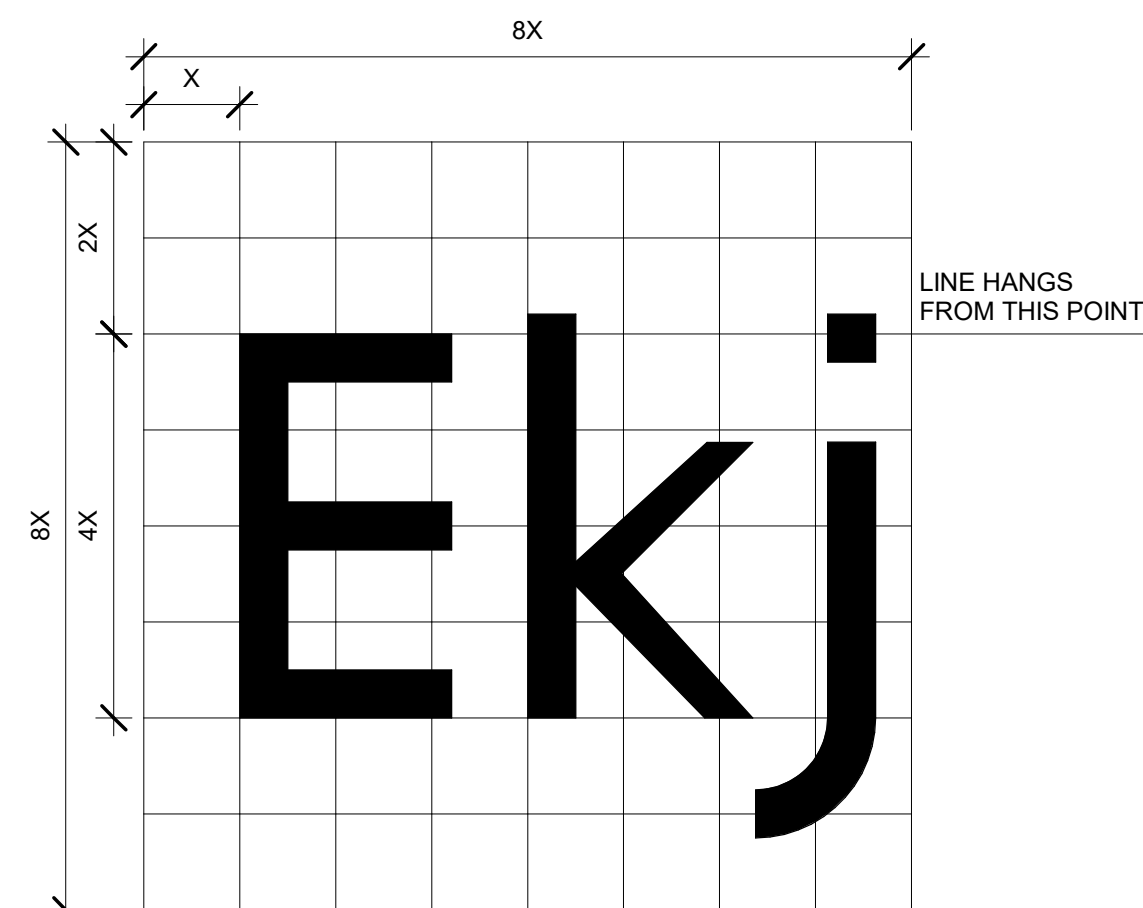
NOTE:
THE ALPHABET IS SHOWN HERE FOR REFERENCE ONLY. IT SHOULD NOT BE USED FOR ARTWORK.

STANDARD SIGNAGE SYSTEM COLORS

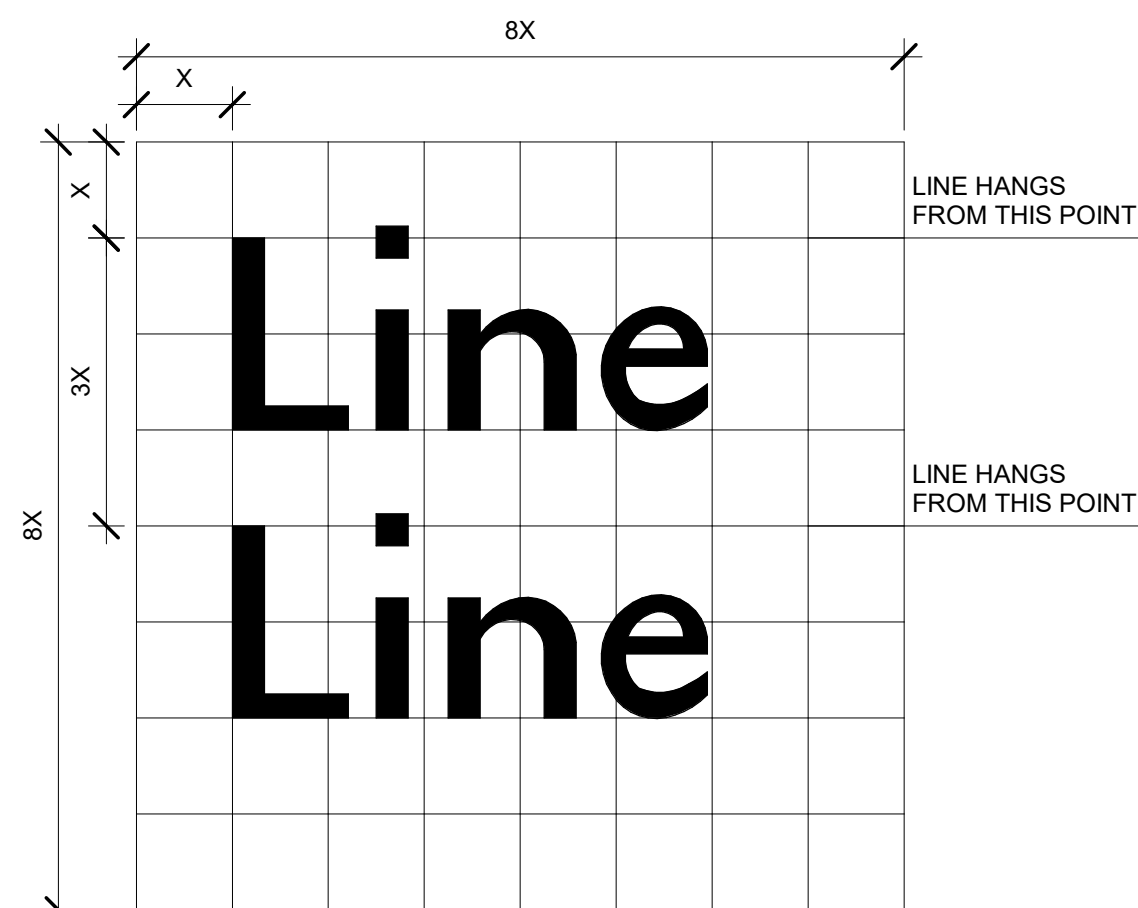
BLUE BLAQUE MP57238 R190373 SVOC11425P SV SATIN V1.1	WHITE WHITE MP59581 R190373 SV2025P SV SATIN V1.0	RED HOTROD RED MP10224 R190373 SVOC13405P SV SATIN V2.0	BLACK BLACK MP59262 R190373 SV9235P SV SATIN V1.0	SILVER PALE SILVER MET. MP18073 R190373 SVOC35165P SV SATIN V2.0	CLEAR COAT SATIN CLEAR 2812285P
AVERY® ULTIMATE CAST OPAQUE FILM MAJESTIC BLUE UC 900-625-O	3M™ SCOTCHCAL™ ELECTROCUT™ FILM WHITE 7725-10 (OPAQUE FILM)	3M™ SCOTCHCAL™ ELECTROCUT™ FILM GERANIUM 7725-63 (OPAQUE FILM)	3M™ SCOTCHCAL™ ELECTROCUT™ FILM BLACK 7725-12 (OPAQUE FILM)	3M™ SCOTCHCAL™ CONTROLTAC™ FILM LIGHT SILVER METALLIC 180C-220 (OPAQUE FILM)	
ARLON CALON® SERIES 2500 TRANSLUCENT VINYL FILM 2051 BLUE	3M™ SCOTCHLITE™ REFLECTIVE VINYL WHITE 680-10	3M™ SCOTCHLITE™ REFLECTIVE VINYL RUBY RED 680-82	3M™ SCOTCHLITE™ REFLECTIVE VINYL BLACK 680-85		

NOTE:
PAINT MANUFACTURER AND MODEL NUMBERS ARE LISTED AS BASELINE PRODUCT. SEE SPECIFICATIONS FOR ALTERNATE MANUFACTURERS.

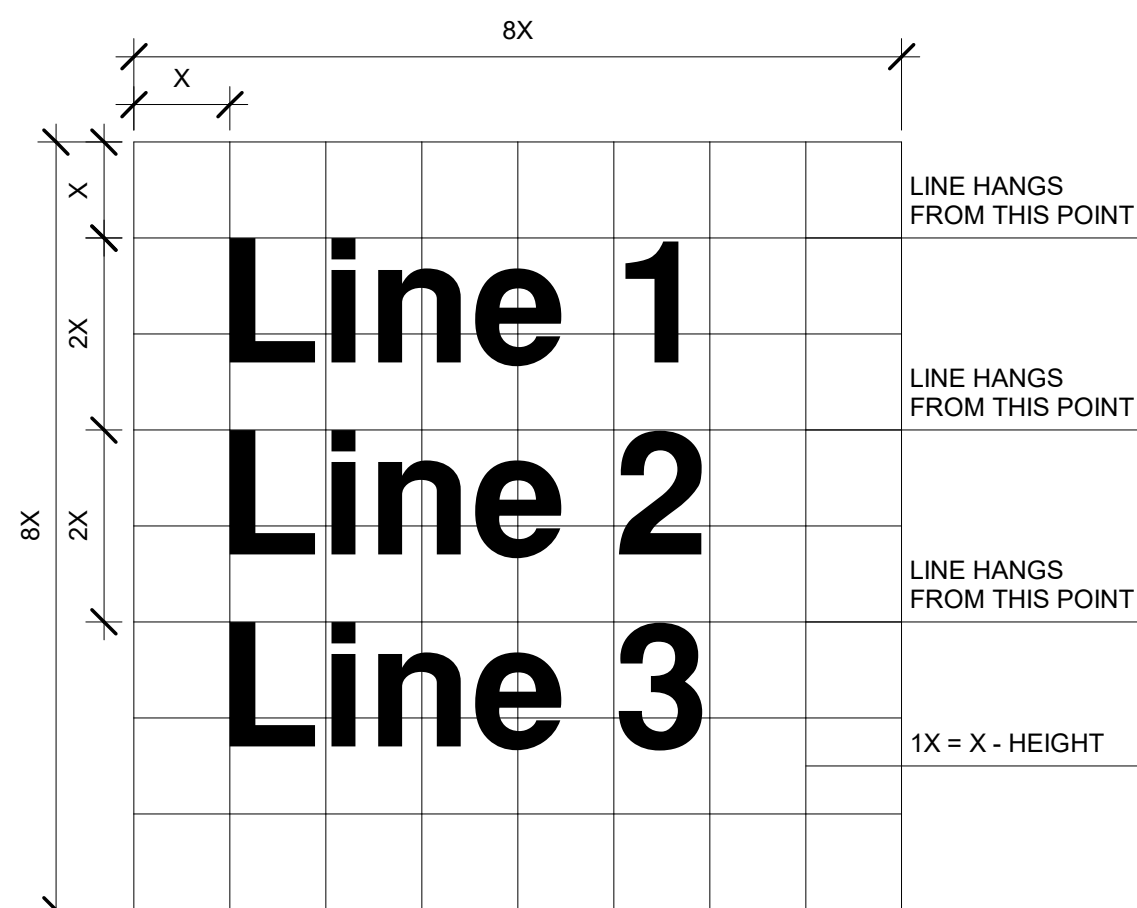
STANDARD SIGNAGE TEXT MODULES



TEXT MODULE, ONE LINE MESSAGE



TEXT MODULE, TWO LINE MESSAGE

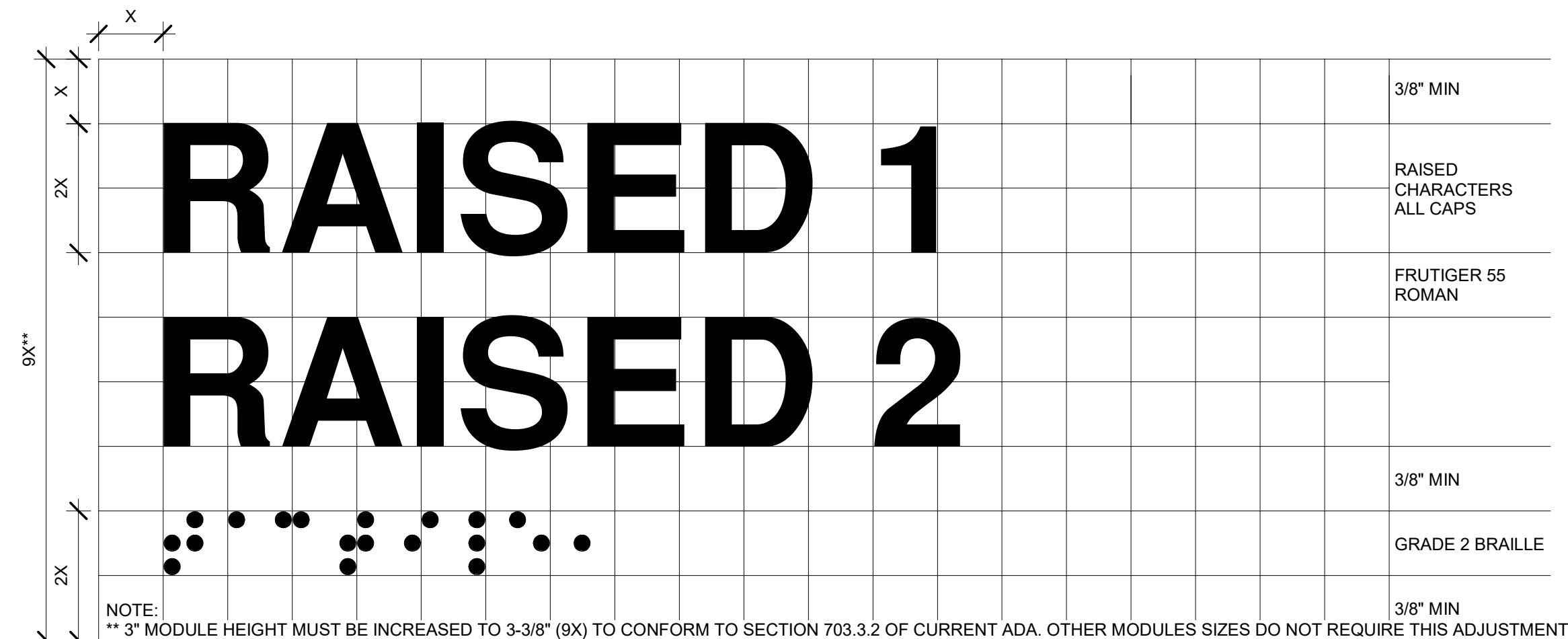


TEXT MODULE, THREE LINE MESSAGE

SIGNAGE GENERAL NOTES

- PRIOR TO FABRICATION OF ANY SIGNAGE THAT INCORPORATES THE TRAVEL MARK, DESIGN AND SHOP DRAWINGS MUST BE SUBMITTED TO SIGNAGE BRAND MANAGEMENT (SIGNAGEBRANDMANAGEMENT@AMTRAK.COM OR THROUGH THE AMTRAK PROJECT MANAGER WHO DISTRIBUTES REVIEW DOCUMENTS) FOR FINAL APPROVAL. "NON-BRANDED" SIGNAGE WILL ALSO BE REVIEWED BY AMTRAK. TEXT THAT APPEARS ON SIGNAGE (STATION NAME, TRACK NUMBER AND LOCATION, ETC.) IS TO BE CONFIRMED WITH AMTRAK. BRAND MANAGEMENT'S REVIEW WILL BE LIMITED TO CHECKING THAT THE SUBMISSION COMPLIES WITH ARTWORK USAGE AND LAYOUT REQUIREMENTS. ARTWORK FOR BRANDED SIGNAGE, INCLUDING FOR POSITION ONLY ARTWORK, IS AVAILABLE FOR USE BY CONTACTING SIGNAGEBRANDMANAGEMENT@AMTRAK.COM. BRAND MANAGEMENT WILL ISSUE THE FINAL ARTWORK FILES AND THE LICENSE TO USE THE TRAVEL MARK UPON APPROVAL OF SHOP DRAWINGS.
- ALL EXISTING CONDITIONS INCLUDING DIMENSIONS SHALL BE VERIFIED IN FIELD PRIOR TO PROCEEDING WITH WORK. ANY DIMENSIONS OR CONDITIONS NOT CONSISTENT WITH THE CONTRACT DOCUMENTS SHALL BE REPORTED IN WRITING TO THE PROJECT ENGINEER.
- CONTRACT DOCUMENTS SHALL NOT BE SCALED. IF DIMENSIONS ARE MISSING, COORDINATE THROUGH SHOP DRAWINGS.
- PROVIDE MATERIAL AND COLOR SAMPLES FOR APPROVAL. THE SIGNS SHALL COMPLY WITH THE GRAPHIC STANDARDS PROVIDED HEREIN.
- PREPARE DETAILED AND DIMENSIONED DRAWINGS FOR THE SIGN GRAPHICS FOR APPROVAL BY THE PROJECT ENGINEER.
- PATCH AND REPAIR ALL FLOORS, WALLS, CEILINGS, ETC. DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS AND FINISHED TO MATCH ADJOINING SURFACES. SPOT PAINTING WILL NOT BE PERMITTED. ALL PAINTING SHALL BE EDGE TO EDGE OVER THE ENTIRE SURFACE.
- INFORM THE PROJECT ENGINEER OF ANY CONFLICT BETWEEN NEW SIGNS AND EXISTING UTILITIES THAT ARE WITHIN 24" OF EACH OTHER. CONTRACTOR SHALL RELOCATE SIGN OR UTILITY AS DIRECTED BY THE PROJECT ENGINEER.
- PROVIDE PROTECTION OR TEMPORARILY REMOVE AND RELOCATE EXISTING SIGNS INDICATED TO REMAIN AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION WORK.

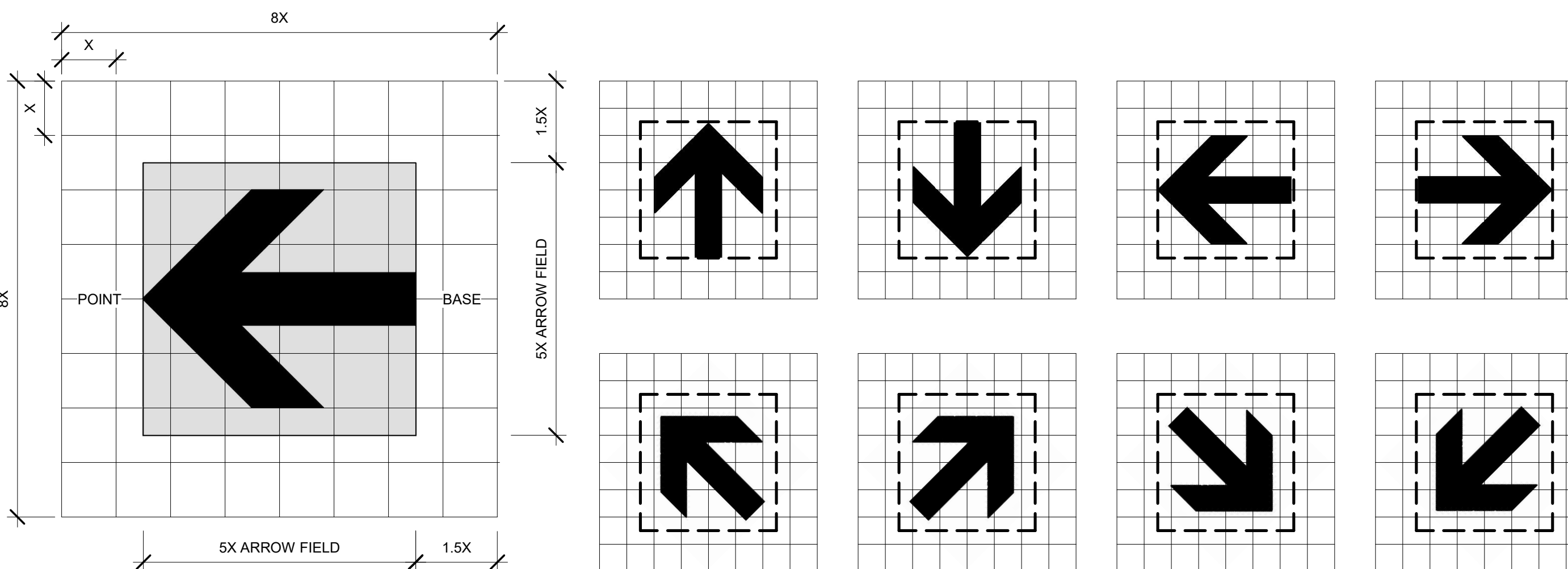
RAISED CHARACTERS AND GRADE 2 BRAILLE



STANDARD SIGNAGE SYMBOLS

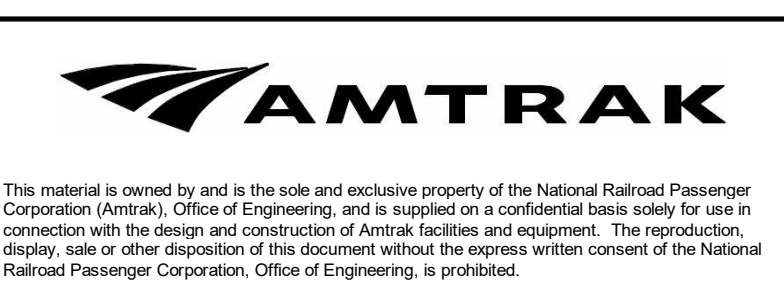
NOTE:
PUBLIC SERVICE SYMBOLS DISPLAYED WITHOUT ACCOMPANYING TEXT

STANDARD ARROW SYMBOLS



Local File: BIM_860\067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
Central File: BIM360\A_Central_R20.rvt
Project Number: 067435
11/7/2023 1:23:44 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB

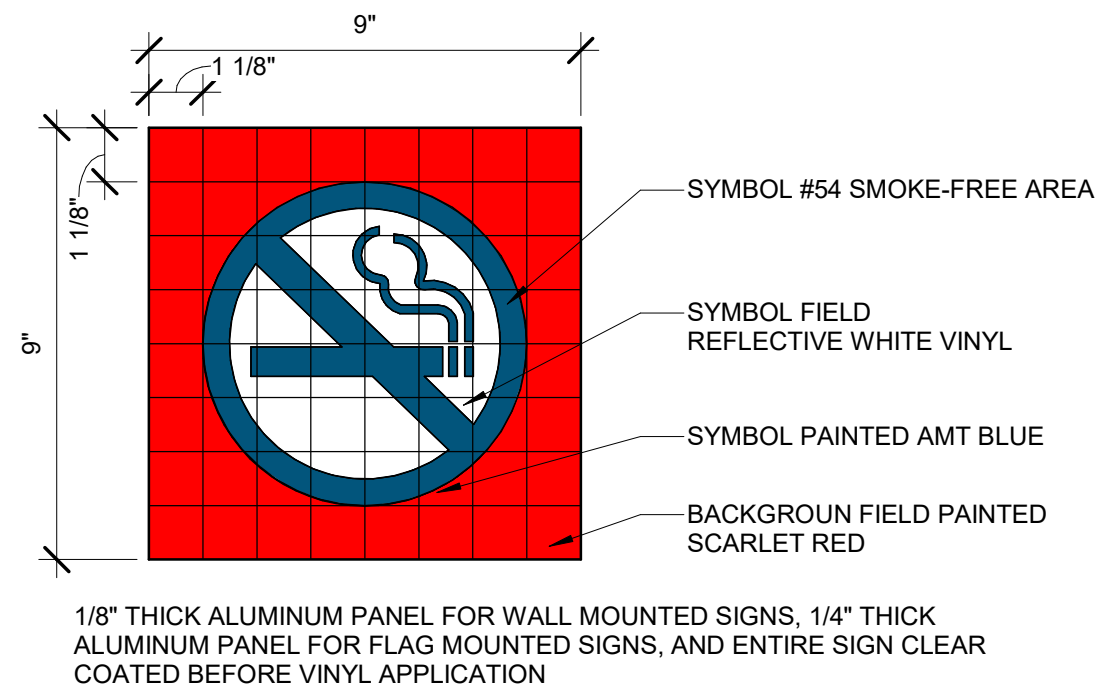


Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

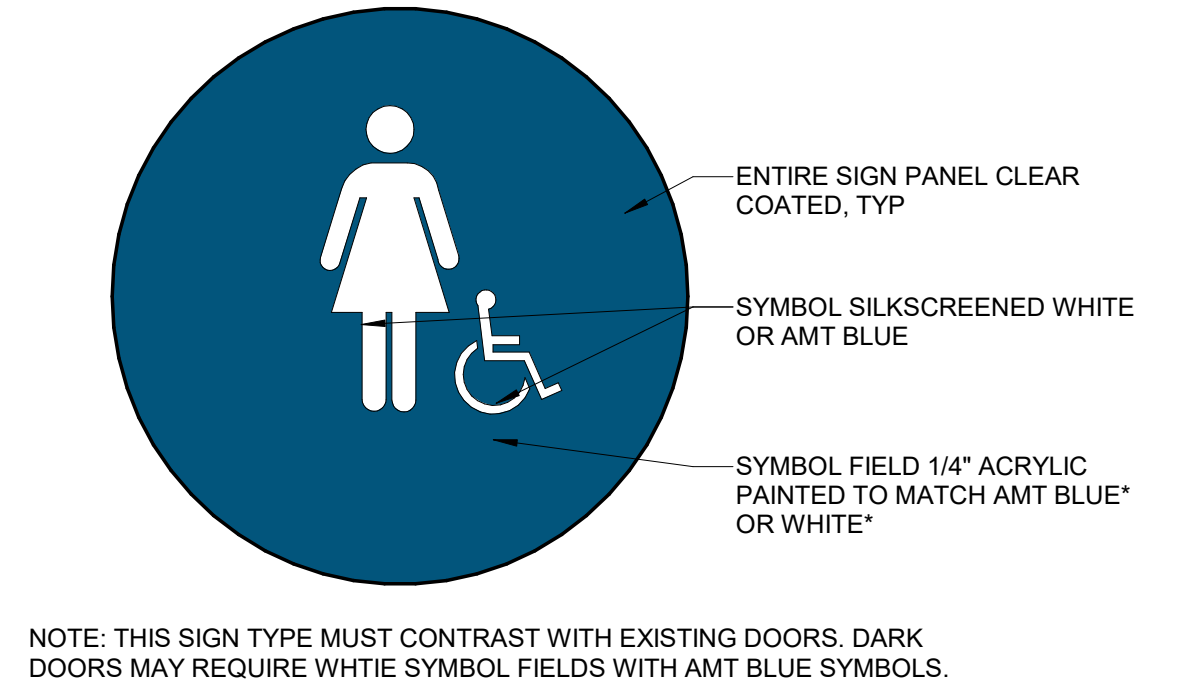
Approved	Date



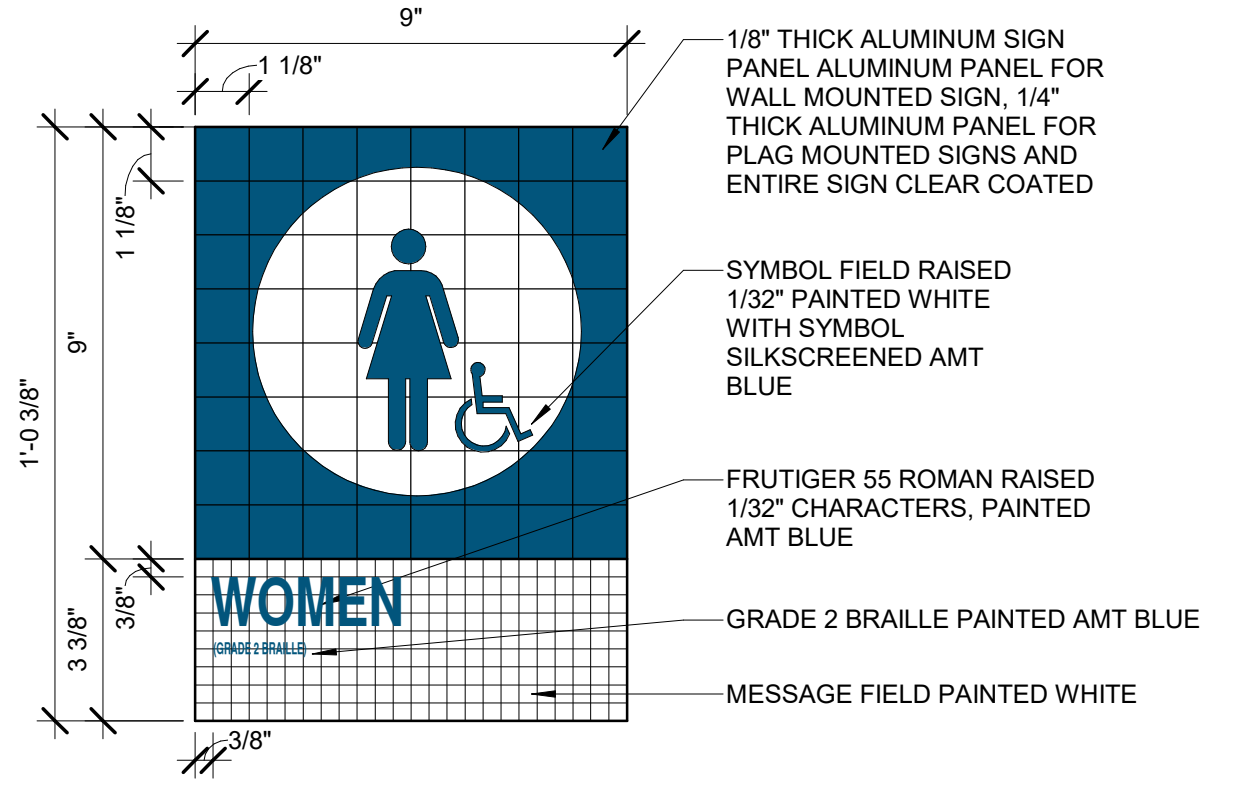
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
WBS:	CEN: 100694.0131	Sheet No.:	31 OF 41	
SIGN GRAPHIC STANDARDS				
Designed RPP	Drawn LM	Checked JAS	Date 11/03/2023	
Dwg. No. A751				



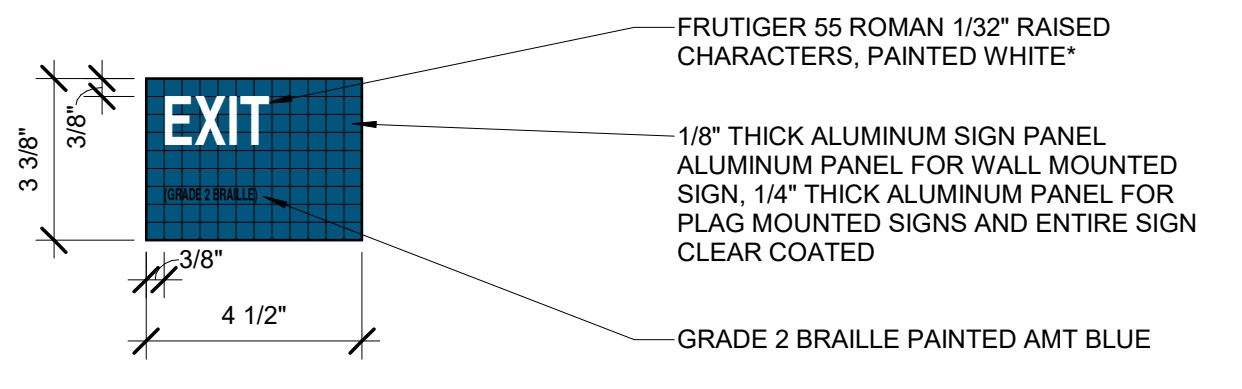
10 SIGN - D1 - SMOKE FREE AREA
 SCALE: 3" = 1'-0"
 0" 4" 8"



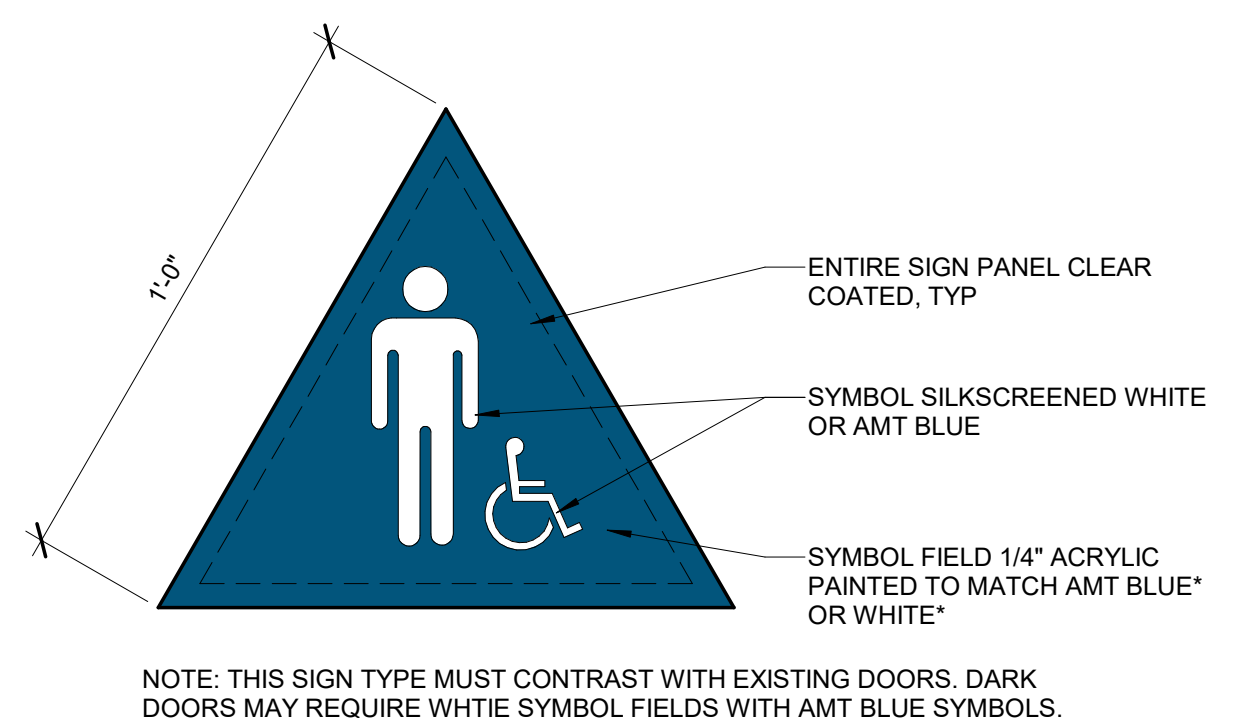
8 SIGN - B18 WOMEN
 SCALE: 3" = 1'-0"
 0" 4" 8"



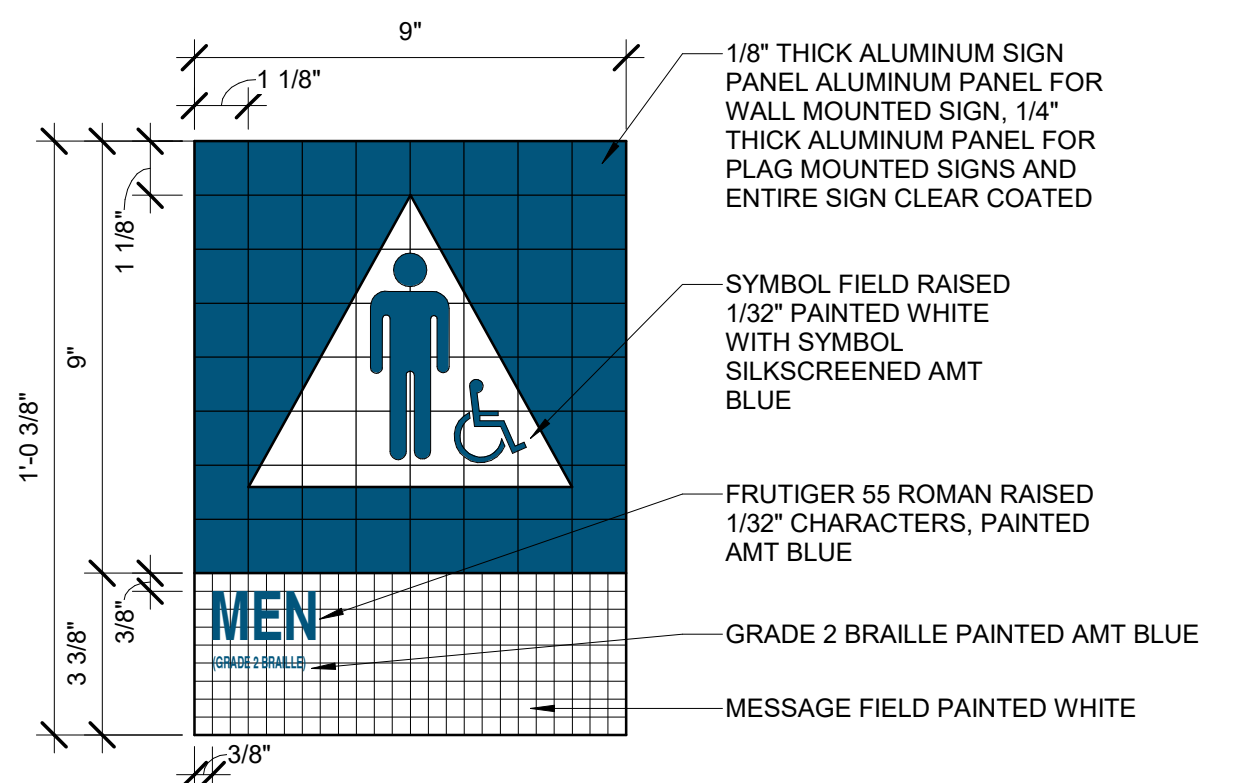
5 SIGN - B17 WOMEN
 SCALE: 3" = 1'-0"
 0" 4" 8"



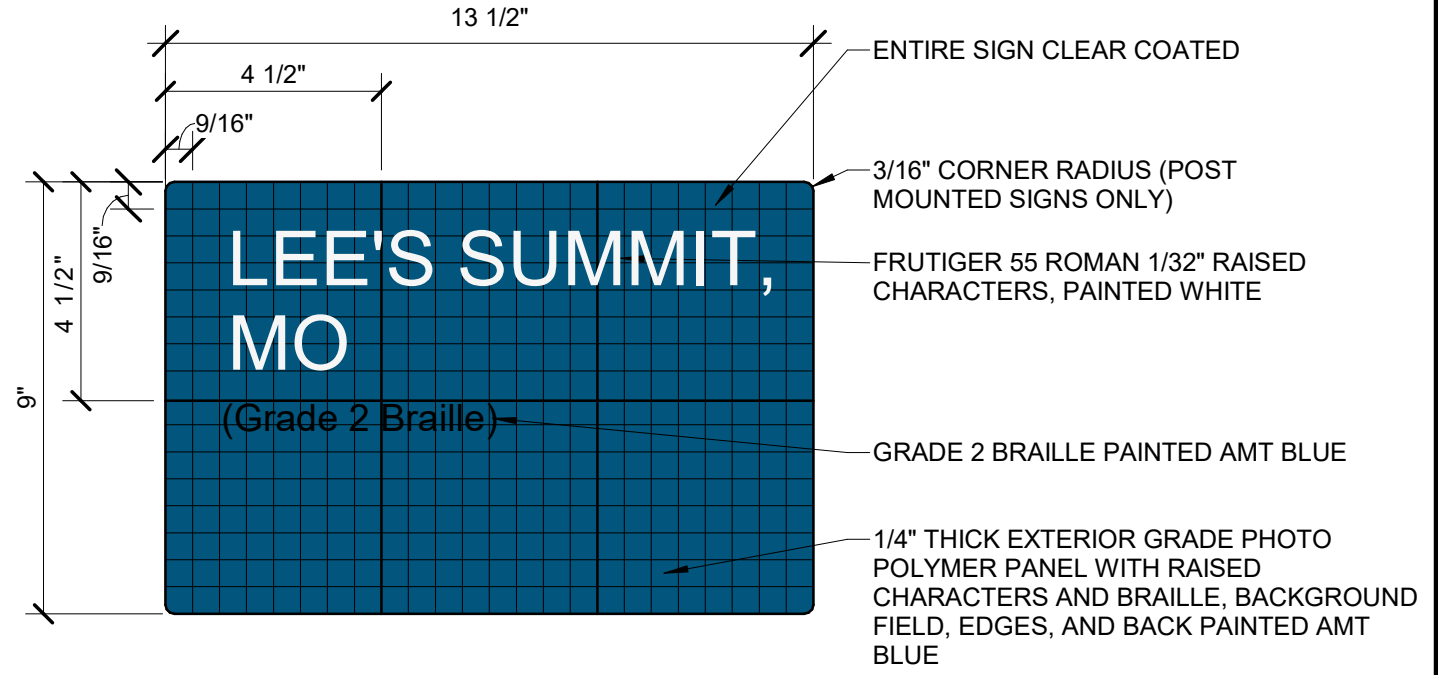
3 SIGN - B19A
 SCALE: 3" = 1'-0"
 0" 4" 8"



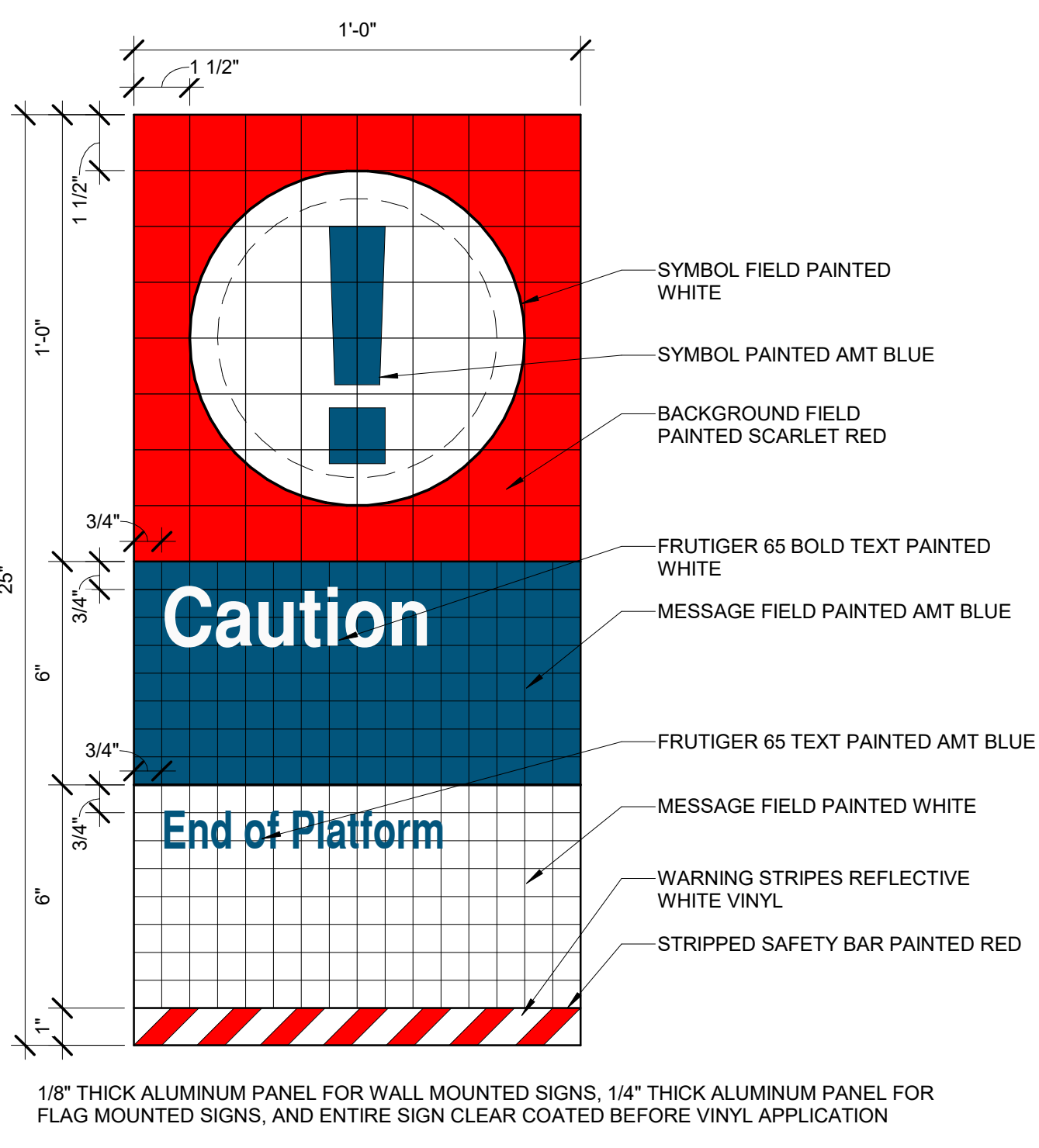
7 SIGN - B18 MEN
 SCALE: 3" = 1'-0"
 0" 4" 8"



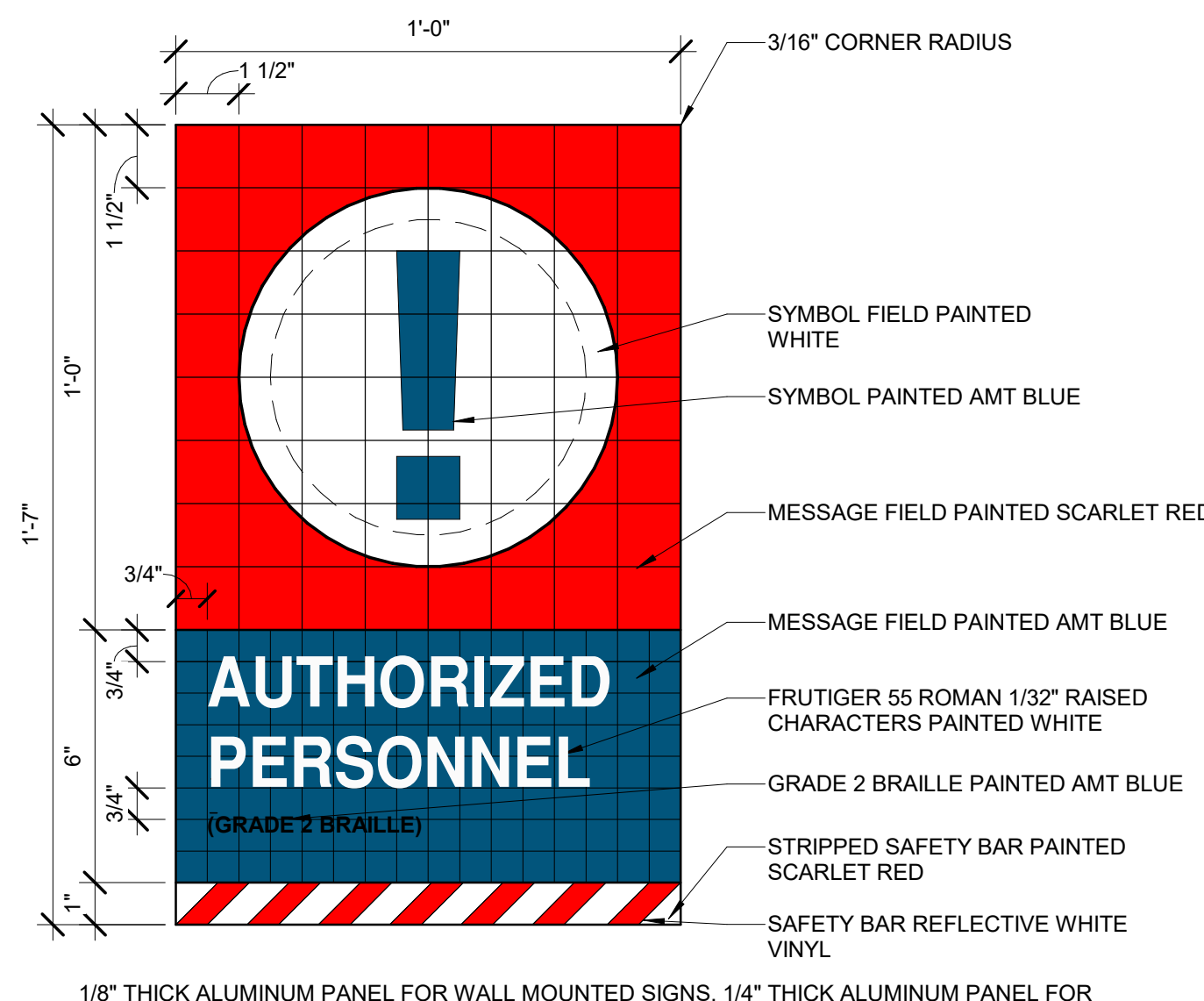
4 SIGN - B17 MEN
 SCALE: 3" = 1'-0"
 0" 4" 8"



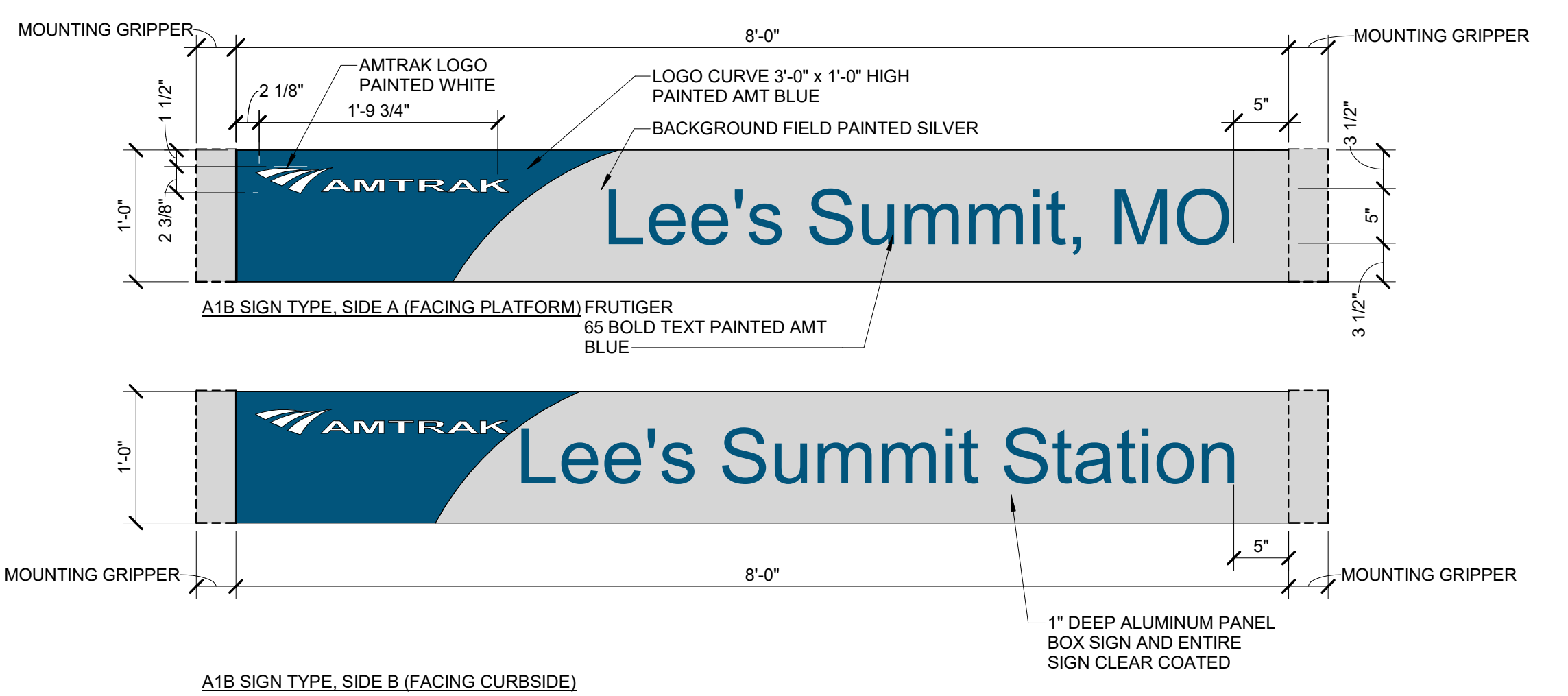
2 SIGN - A12
 SCALE: 3" = 1'-0"
 0" 4" 8"



9 SIGN - D3
 SCALE: 3" = 1'-0"
 0" 4" 8"



6 SIGN - D4
 SCALE: 3" = 1'-0"
 0" 4" 8"



1 SIGN - A1B
 SCALE: 1" = 1'-0"
 0' - 0" 1' - 0" 2' - 0"

Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
 Central File: BIM360_A_Central_R20.rvt
 Project Number: 067435
 11/03/2023 1:23:45 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB

Office of Chief Engineer
 National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

Designed	Drawn	Checked	Date
RPP	LM	JAS	11/03/2023

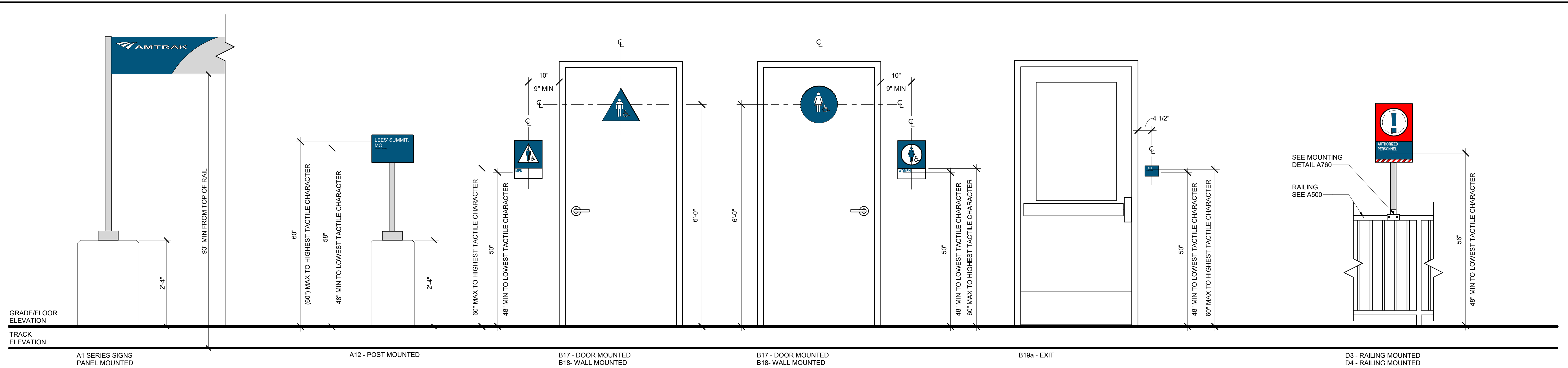
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)

MISSOURI PROJECT CODE: 067435

WBS: CEN 100694.0131

Sheet No. 32 OF 41

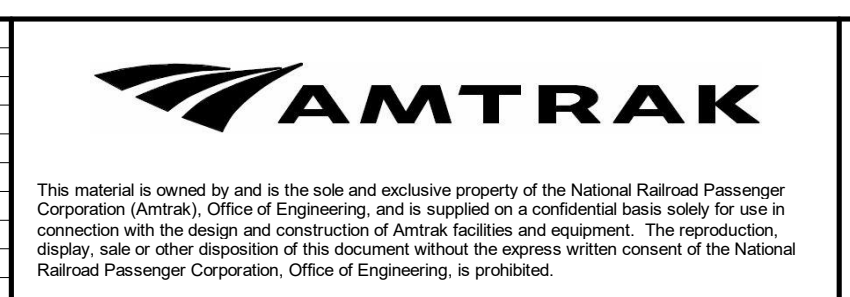
Drawn No. **A752**



1
A753 **STANDARD SIGNAGE MOUNTING HEIGHTS**
SCALE: 3/4" = 1'-0"
0' - 0" 1' - 0" 2' - 0"

Project Number: 067435
 11/7/2023 1:23:45 PM
 Local File: BIM_360/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
 Central File: BIM360_A_Central_R20.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB



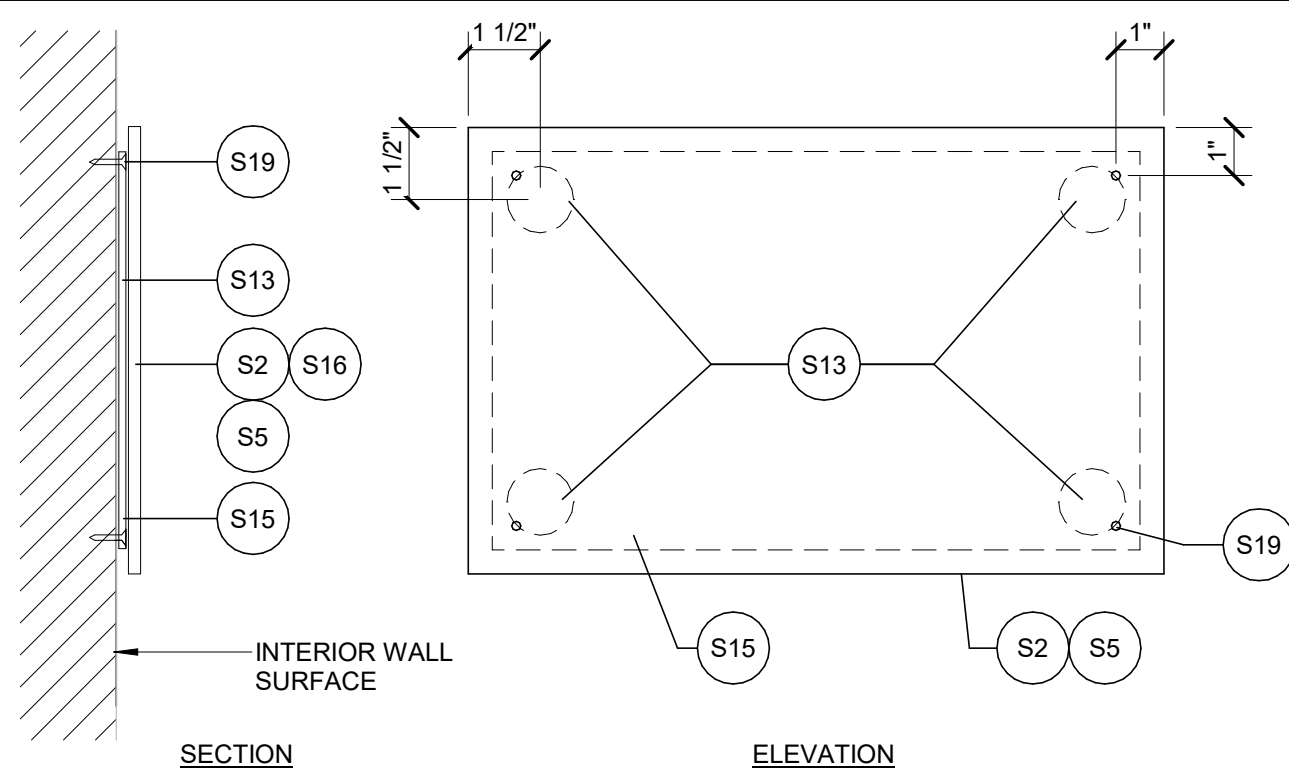
Office of Chief Engineer
 National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



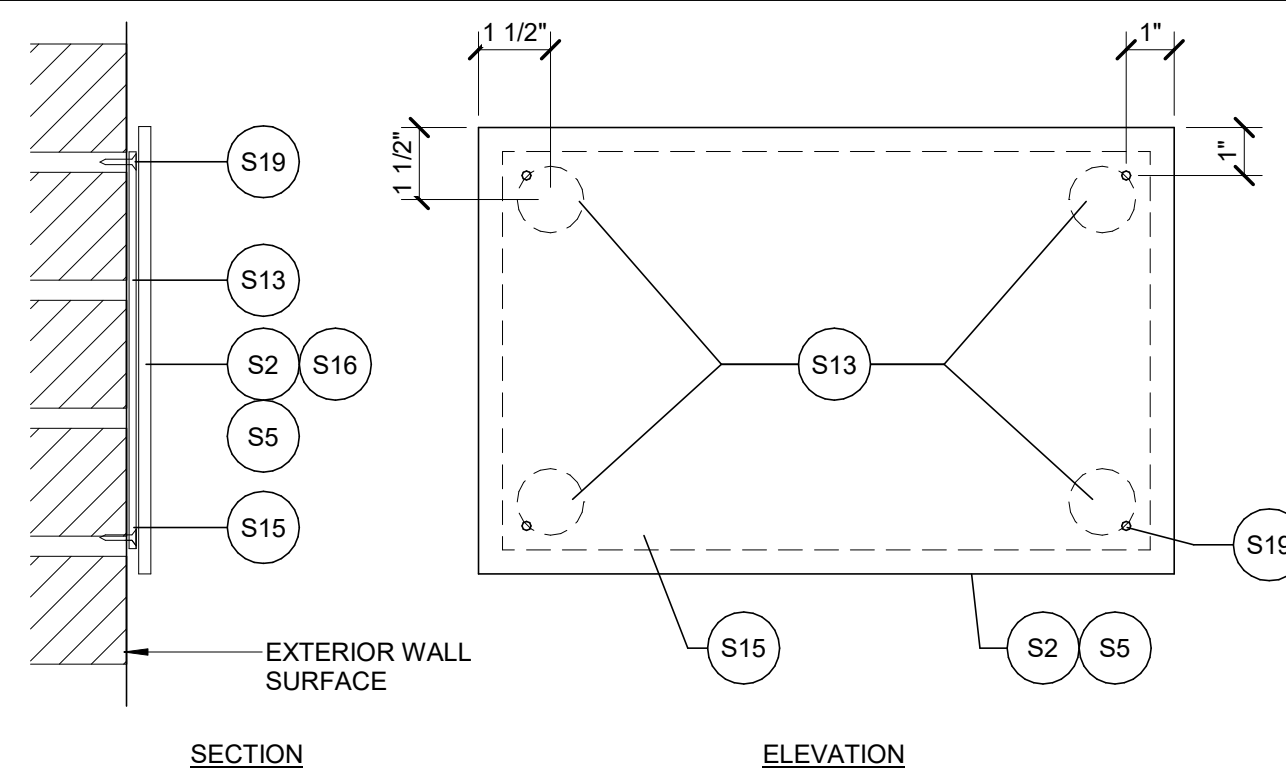
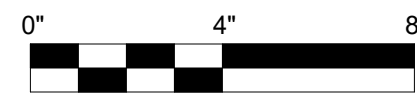
LEE'S SUMMIT (LEE)
 ADA STATIONS PROGRAM (ADASP)
 MISSOURI
 SIGNAGE DETAILS AND MOUNTING HEIGHTS
 Designed RPP Drawn LM Checked JAS Date 11/03/2023

Project Code:	067435
WBS:	C.EN. 100694.0131
Sheet No.:	33 OF 41
Dwg. No.:	A753



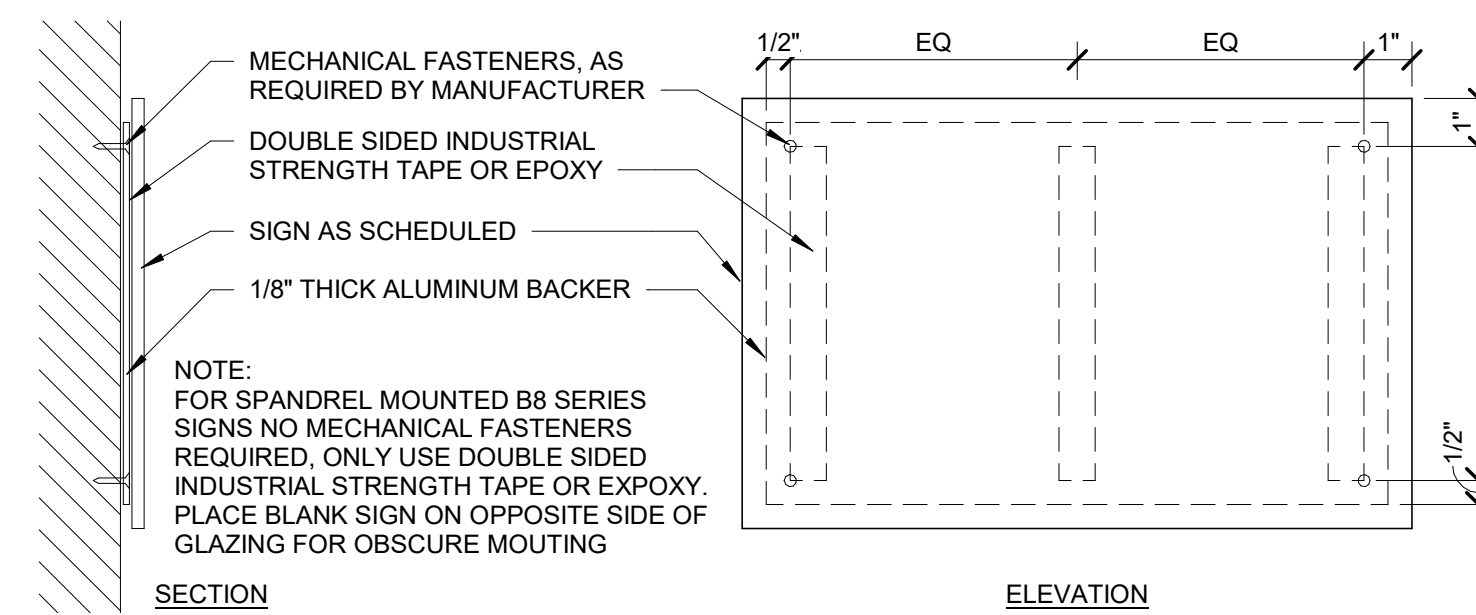
7 INTERIOR WALL MOUNTING

SCALE: 3" = 1'-0"



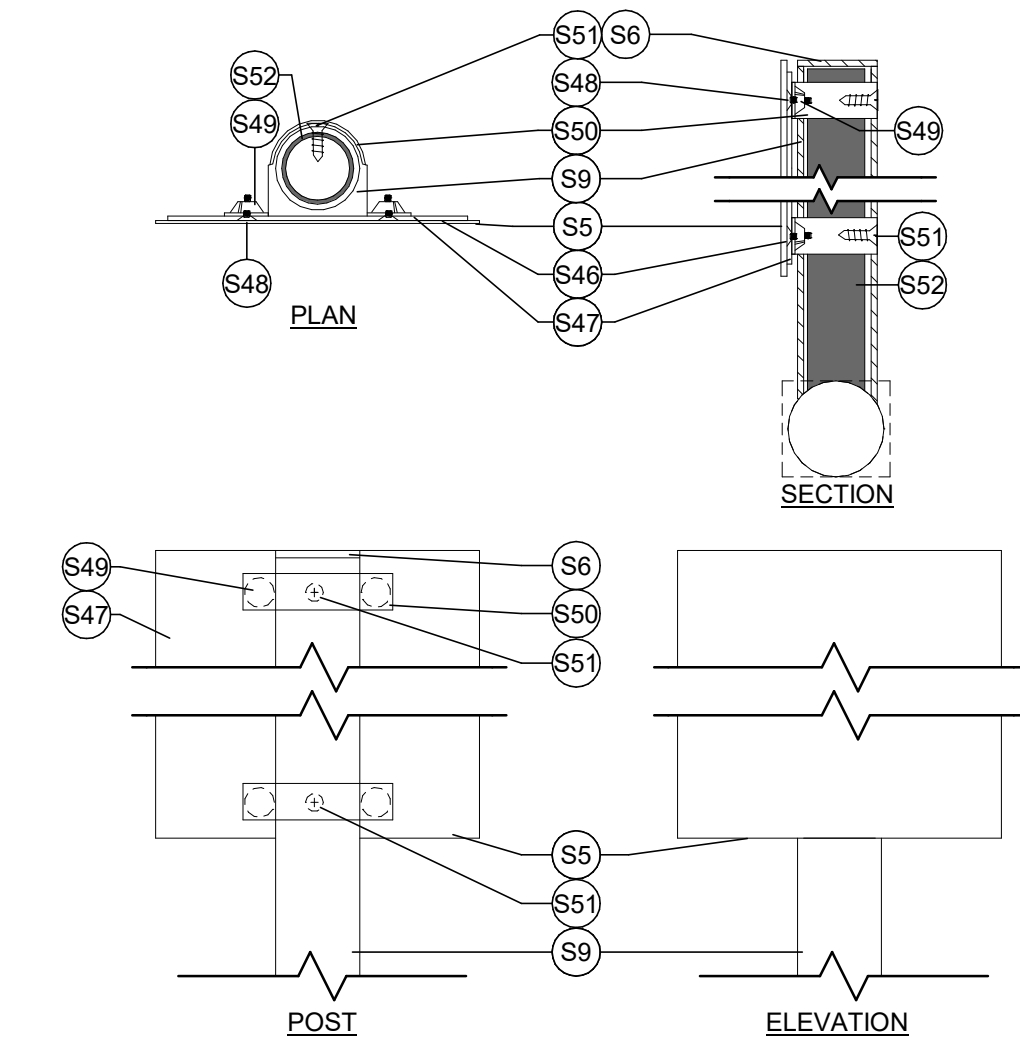
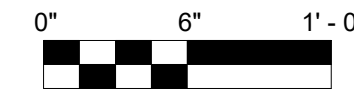
4 EXTERIOR WALL MOUNTING

SCALE: 3" = 1'-0"



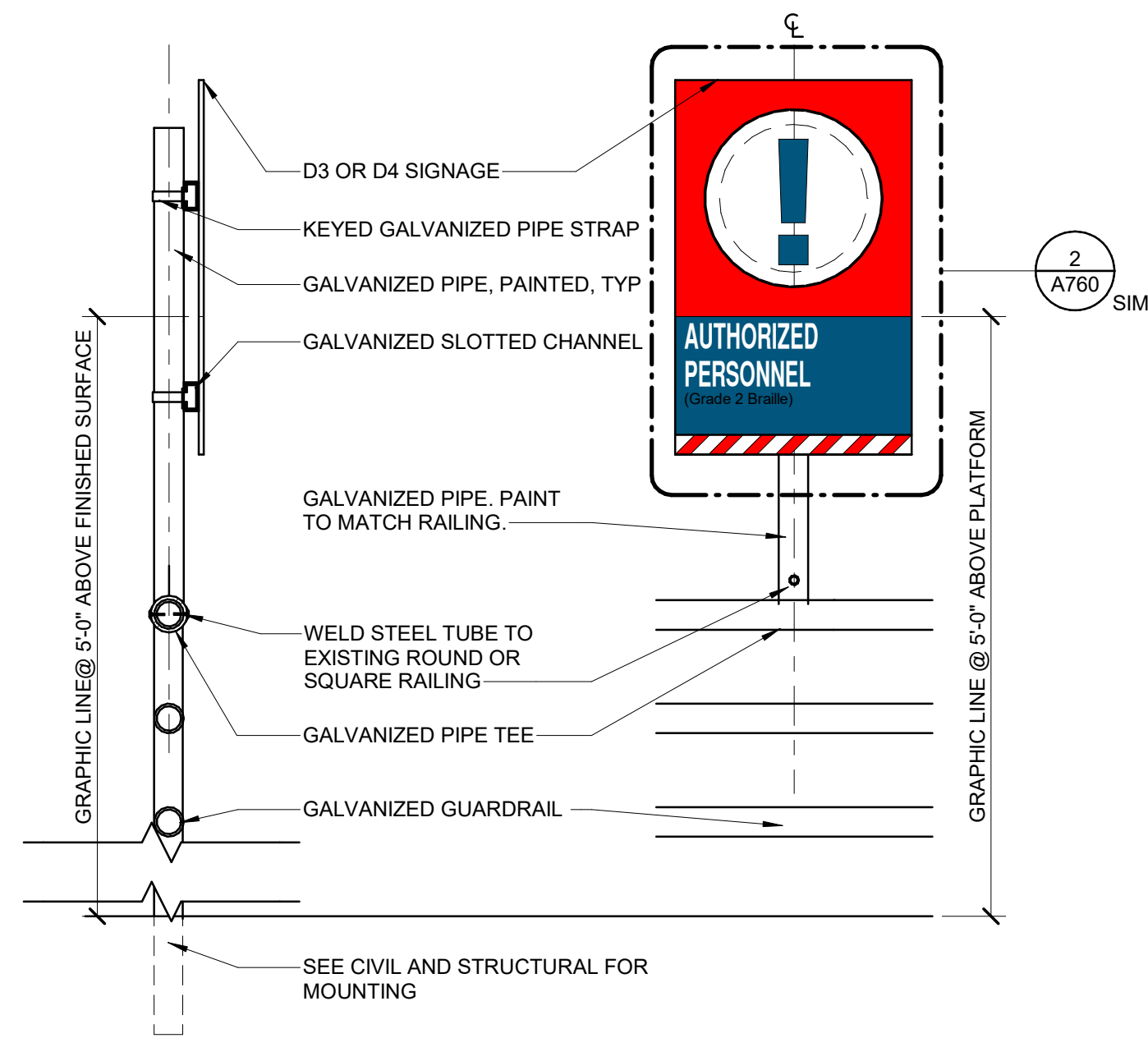
6 INTERIOR WALL MOUNTING DETAIL

SCALE: 3" = 1'-0"



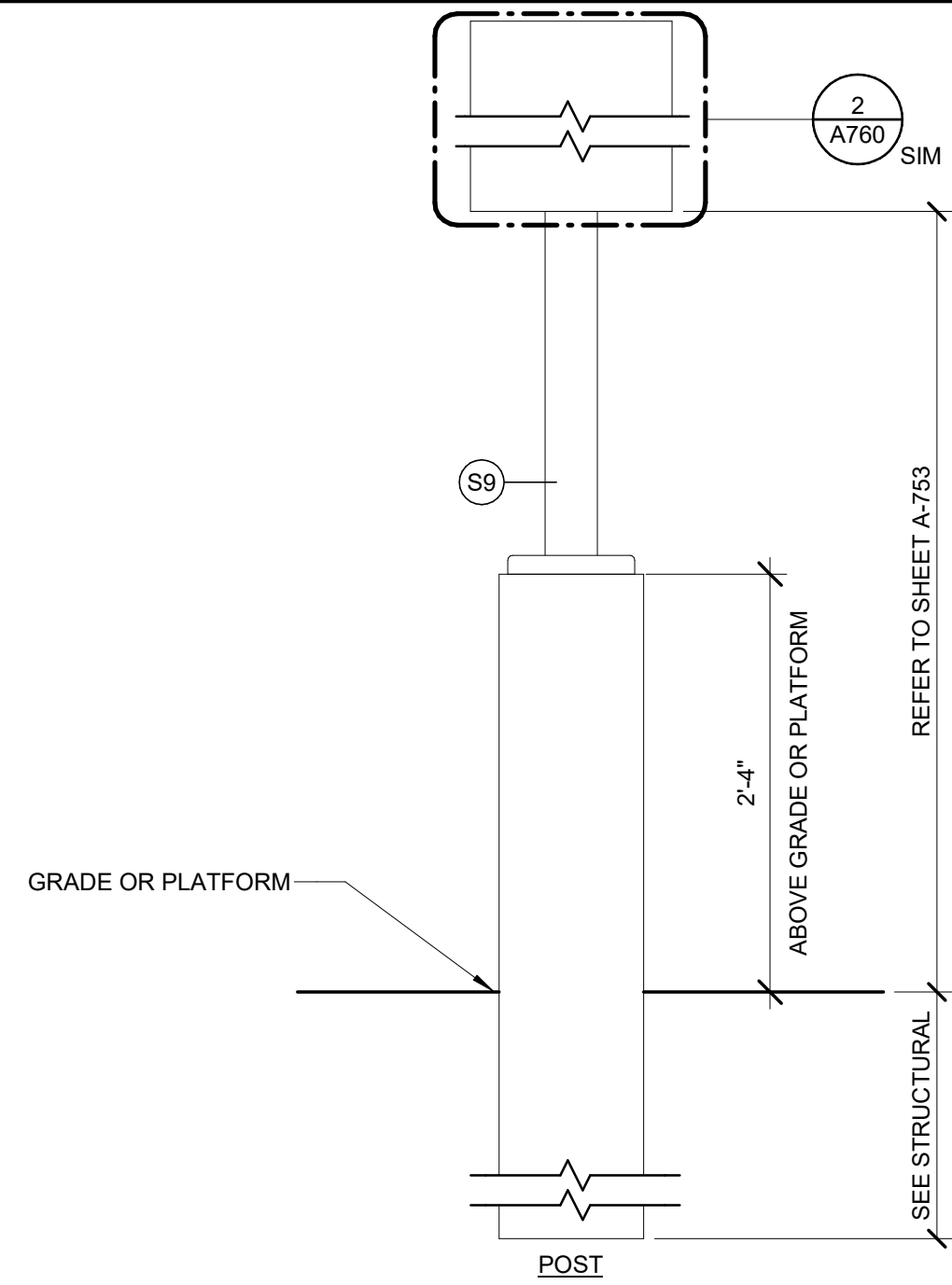
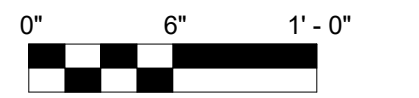
2 POST MOUNTING ON RAILING DETAIL

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



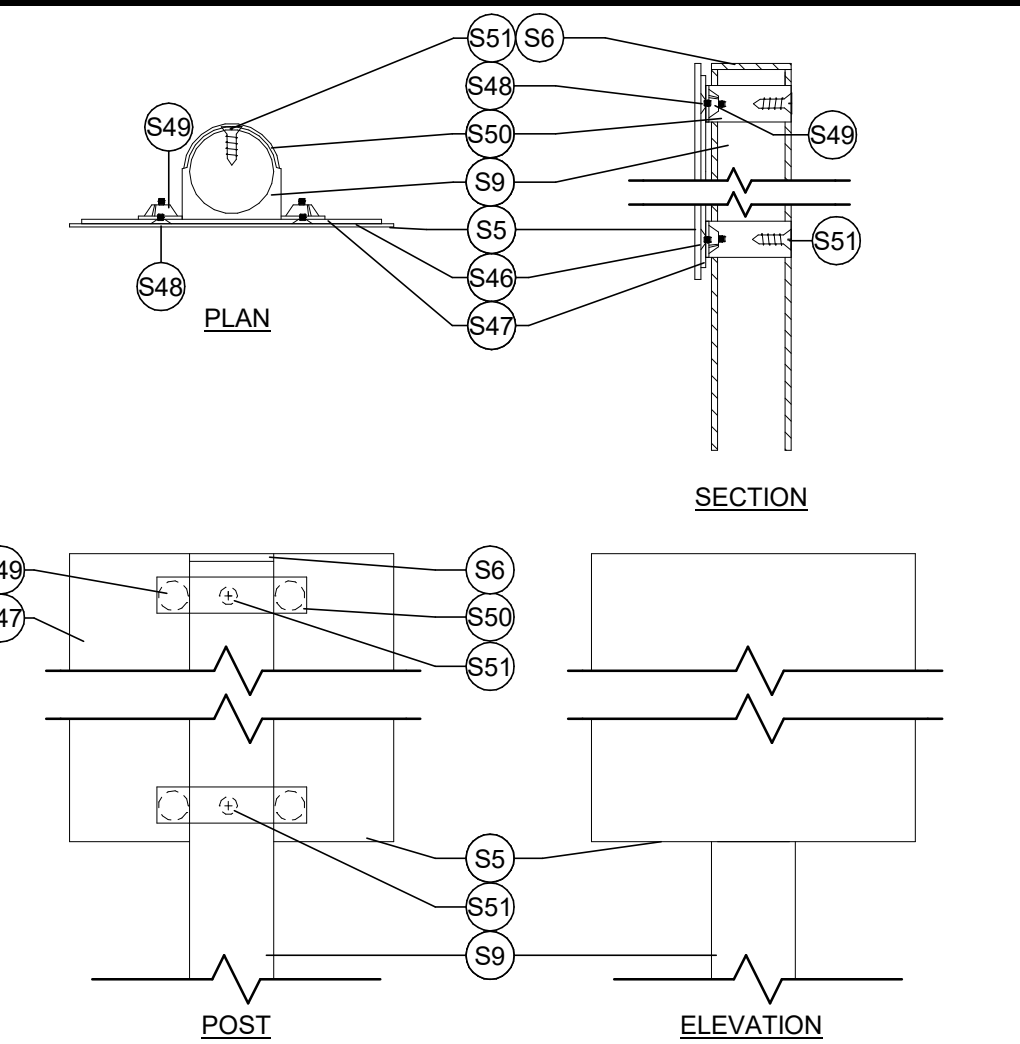
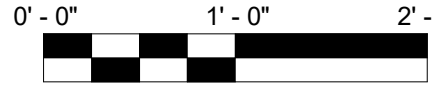
3 D3 AND D4 MOUNTING DETAIL

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



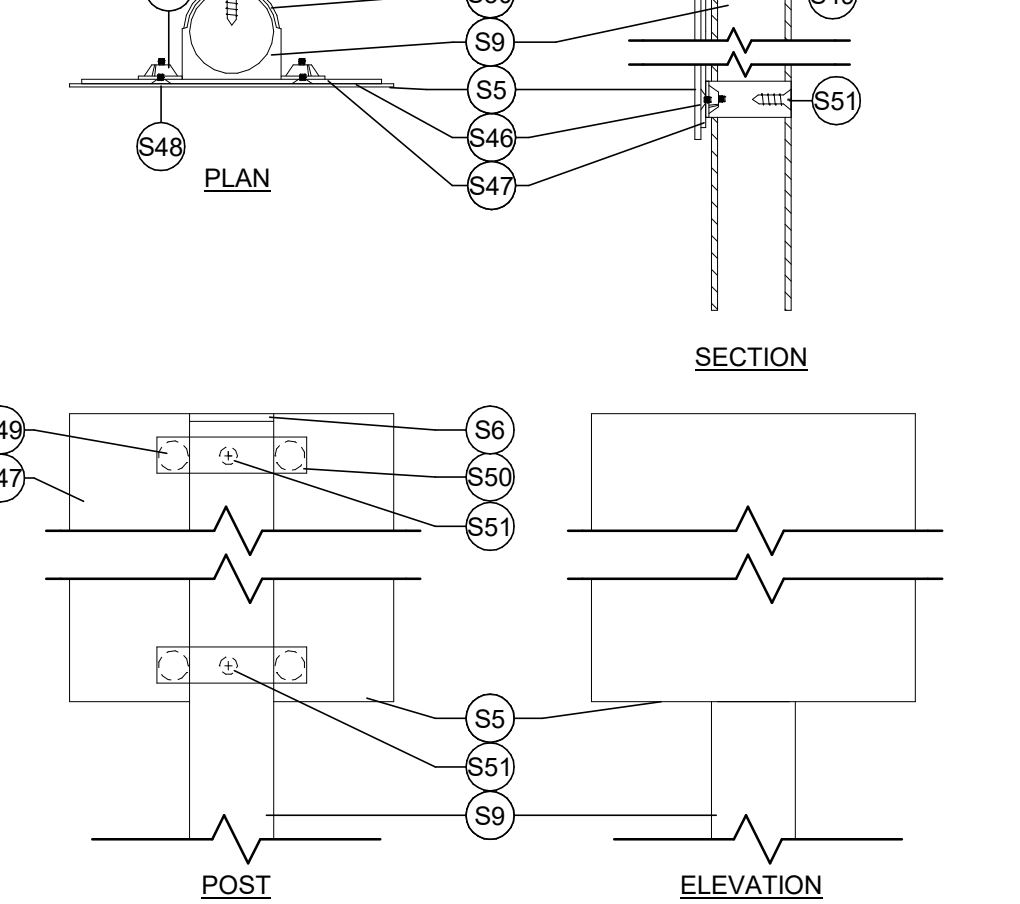
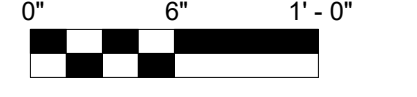
1 POST MOUNTING ELEVATION1

SCALE: 1" = 1'-0"



8 POST MOUNTING DETAIL

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



5 PANEL MOUNTING DETAIL

SCALE: 3" = 1'-0"



SIGNAGE MOUNTING KEYNOTES

- S1 1" DEEP ALUMINUM PANEL BOX SIGN; SEE SIGNAGE SCHEDULE FOR SIGNAGE DETAIL REFERENCE.
- S2 1/4" THICK EXTERIOR GRADE PHOTO POLYMER PANEL SIGN.
- S4 FACE OF SIGN ORIENTED PARALLEL TO RAIL, LENGTH OF TRAIN, TYP.
- S5 1/8" THICK ALUMINUM SIGN; SEE SIGNAGE SCHEDULE FOR SIGNAGE DETAIL REFERENCE.
- S6 1/8" ALUMINUM CAP FASTENED TO POST WITH VANDAL RESISTANT STAINLESS STEEL SCREWS; PAINTED SILVER. (MATTHEWS PAINT MP18073).
- S9 3" (3.5" O.D.) SCH 40 6063-T6 ALUMINUM PIPE WELDED TO BASE PLATE WITH ALUMINUM CAP. POST TO BE PAINTED SILVER.
- S10 3.5" (4" O.D.) SCH 40 6063-T6 ALUMINUM PIPE WELDED TO BASE PLATE. POST TO BE PAINTED SILVER.
- S11 VANDAL RESISTANT STAINLESS STEEL SCREWS.
- S13 EXTERIOR GRADE EPOXY.
- S15 1/8" THICK ALUMINUM BACKER.
- S16 1/8" THICK ETCHED ZINC SIGN; SEE SIGNAGE SCHEDULE FOR SIGNAGE DETAIL REFERENCE.
- S19 INSTALL BACKER PLATE WITH 3/16" X 1-1/2" STAINLESS STEEL TAPCON CONCRETE ANCHORS WITH PHILLIPS FLAT HEAD. QUANTITY PER MANUFACTURERS RECOMMENDATIONS. COORDINATE SCREW LOCATIONS IN FIELD TO BE BRICK MORTAR. DO NOT PENETRATE BRICK. SCREW TYPE TO BE REMOVABLE AND REVERSIBLE.
- S46 VHB ADHESIVE.
- S47 3/16" ALUMINUM BACK PANEL. PAINTED AMT BLUE.
- S48 1/4"-20 x 3/4" STAINLESS STEEL PHILLIPS FLAT HEAD SCREW.
- S49 1/4" - 20 STAINLESS STEEL TAMPER RESISTANT TRI-GROOVE NUT.
- S50 VIBRATION-DAMPING ROUTING CLAMP. PAINTED AMT SILVER.
- S51 #10 x 3/4" STAINLESS STEEL TORX FLAT HEAD SCREW.
- S52 MOUNTING POST: ROUND OR SQUARE STEEL TUBE WELDED TO EXISTING/NEW STEEL RAILING. BITUMINOUS PAINT FINISH.

GENERAL SIGNAGE NOTES

1. SEE SITE PLAN FOR SIGN LOCATIONS. VERIFY ALL LOCATIONS IN FIELD. LOCATIONS ARE A GENERAL REPRESENTATION AND SHALL REQUIRE CONSULTATION W/ PROJECT ARCHITECTS/ENGINEER IF UNCLEAR OF REQUIREMENTS.
 2. MOUNTING LOCATIONS, TYPES, AND CONNECTIONS MAY VARY. VERIFY IN FIELD ANY OBSTACLES AND SITE CONDITIONS.
 3. PROTECT ALL EXISTING SIGNS NOT BEING REMOVED, INCLUDING KIOSKS.
 4. FASTENERS SHALL BE CORROSION RESISTANT, SUCH AS GRADE 304 STAINLESS STEEL.
 5. SUBMIT SHOP DRAWINGS FOR ALL SIGN ASSEMBLIES TO PROJECT ARCHITECT/ENGINEER FOR APPROVAL.
 6. CONTRACTOR TO VERIFY FROST DEPTH BEFORE CONSTRUCTION.
 7. ALUMINUM SHALL BE ISOLATED FROM CONTACT WITH CONCRETE. USE BITUMINOUS PAINT OR EQUAL.
 8. ALL PAINTED SURFACES OF SIGNAGE ARE TO BE CLEAR COATED WITH: MATTHEWS VOC.
 9. SATIN CLEAR COAT (#281228).
 10. ALL ALUMINUM WELDING SHALL BE PERFORMED BY A CERTIFIED ALUMINUM WELDER IN ACCORDANCE WITH AWS D1.2.
- DESIGN CRITERIA:
 - WIND SPEED = 140 MPH
 - IMPORTANCE FACTOR = 1.0
 - KZT = 1.0
 - EXPOSURE = C
 - KD = 0.85
11. PRIOR TO FABRICATION OF ANY SIGNAGE, DESIGN AND SHOP DRAWINGS MUST BE SUBMITTED TO SIGNAGE BRAND MANAGEMENT (SIGNAGEBRANDMANAGEMENT@AMTRAK.COM) FOR FINAL APPROVAL. BRAND MANAGEMENT WILL ISSUE THE FINAL ARTWORK FILE AND THE LICENSE TO USE THE TRAVEL MARK UPON APPROVAL OF SHOP DRAWINGS.
 12. PROVIDE POST, BASE, AND COVER FOR ALL SALVAGED PANEL SIGNS.

Local File: BIM_860/067435-Amtrak-ADA_IDIQ(2021)067435_LEE_ADASP_A_CENTRAL_R21.rvt
 Central File: BIM3803_A_Central_R20.rvt
 Project Number: 067435
 11/7/2023 1:23:45 PM

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	KAB

This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer

National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI		Project Code: 067435
SIGNAGE MOUNTING DETAILS		Designed RPP		WBS: CEN 100694.0131
Drawn LM		Checked JAS		Sheet No. 34 OF 41
Date 11/03/2023				Draw No. A760

SYMBOL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	240/120V OR 208/120V PANELBOARD, SURFACE MOUNTED	78" TO TOP
	240/120V OR 208/120V PANELBOARD, FLUSH MOUNTED	78" TO TOP
	SWITCH DIGITAL, RECESSED MOUNTED "b" DENOTES SWITCH CONTROL "X=3" DENOTES THREE WAY SWITCH "X=4" DENOTES FOUR WAY SWITCH "D" DENOTES DIMMING CONTROL	48" AFF
	OUTDOOR LIGHT FIXTURE, POLE MOUNTED	==
	PHOTOELECTRIC CONTROL	==
	PROPERTY LINE	==

NOTE: SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT.

LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	DESCRIPTION	MANUFACTURER	LAMPS		VOLTAGE	MOUNTING
			TYPE	WATTAGE		
A	TEAR DROP LARGE ROADWAY LED PENDANT FIXTURE WITH ALUMINUM DRIVER ENCLOSURE MOUNTED ON 4" DIAMETER ALUMINUM POLE AND ROADWAY ARM	HOLOPHANE LIGHTING: #MPL3-P30S-30K-MVOLT-TG4-NPT-BK POLE: PSA-10-S4C-18D-C05-BK ARM: CRB-30IN-1A-TN-NPT-BK	LED	92	120V	WITH 10' POLE HEIGHT

NOTES:

- PROVIDE LAMPS IN ALL LIGHT FIXTURES.
- PROVIDE ALL NECESSARY ACCESSORIES FOR MOUNTING FIXTURES AS REQUIRED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF FIXTURES WITH OTHER TRADES TO AVOID CONFLICTS WITH PIPING, DUCTWORK AND EQUIPMENT.
- ALL LIGHT FIXTURES SHALL BE UL LISTED FOR ITS INTENDED USE.
- ALL LIGHT FIXTURES SHALL BE IP65 OR IP66 RATED.
- APPROVED EQUAL MANUFACTURERS INCLUDE: STERNBERG LIGHTING, SIGNIFY LIGHTING, AND LUMINIS LIGHTING.

ELECTRICAL CONVENTIONS

SYMBOL	DESCRIPTION
	HOMERUN TO PANEL "LP2A", CIRCUIT #1 (VIA 20A-1P CIRCUIT BREAKER), PROVIDE INSULATED GROUND CONDUCTOR IN ACCORDANCE WITH SPECIFICATIONS.
	EXPOSED OR CONCEALED CONDUIT AND/OR WIRING.
	BELOW GRADE CONDUIT AND/OR WIRING.
	OVERHEAD ELECTRICAL WIRING
	KEYNOTE FOR NEW WORK
	KEYNOTE FOR DEMOLITION WORK

ABBREVIATIONS

A	AMPERES	LED	LIGHT EMITTING DIODE
ADA	AMERICANS WITH DISABILITIES ACT	LE	LEVEL ELEMENT
AFF	ABOVE FINISH FLOOR	LIT	LEVEL INDICATOR TRANSMITTER
AFG	ABOVE FINISH GRADE	LTG	LIGHTING
AHJ	AUTHORITY HAVING JURISDICTION	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
AHU	AIR HANDLING UNIT	MC	METAL CLAD CABLE
AIC	AMPERE INTERRUPTING CAPACITY	MCB	MAIN CIRCUIT BREAKER
AL	ALUMINUM	MCC	MOTOR CONTROL CENTER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MCP	MOTOR CIRCUIT PROTECTOR
ARCH	ARCHITECT	MISC	MISCELLANEOUS
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LUGS ONLY
ATC	AUTOMATIC TEMPERATURE CONTROL	MMS	MANUAL MOTOR STARTER SWITCH
AWG	AMERICAN WIRE GAUGE	MS	MOTOR STARTER
BFG	BELOW FINISH GRADE	N.C.	NORMALLY CLOSED
BLDG	BUILDING	NEC	NATIONAL ELECTRICAL CODE
C	CONDUIT	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CAT	CATALOG	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CB	CIRCUIT BREAKER	N.O.	NORMALLY OPEN
CBM	CERTIFIED BALLAST MANUFACTURERS	N.O.T.C	NORMALLY OPEN TIME CLOSE
CKT	CIRCUIT	NTS	NOT TO SCALE
CL	CENTERLINE	OL	OVERLOAD
CLF	CURRENT LIMITING FUSE	P	POLE
CMS	COMBINATION MOTOR STARTER & DISCONNECT	PB	PUSHBUTTON
COL	COLUMN	PNL	PANEL
CPT	CONTROL POWER TRANSFORMER	POS	PROVIDED UNDER OTHER SECTIONS
CT	CURRENT TRANSFORMER	PPL	PPL ELECTRIC UTILITIES
CU	COPPER	PS	POWER SUPPLY
DPM	DIGITAL POWER METER	PVC	POLYVINYL CHLORIDE
DWG	DRAWING	PWR	POWER
DS	DISCONNECT SWITCH	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR	REL	RELOCATE
ECB	ENCLOSED CIRCUIT BREAKER	REQD	REQUIRED
EF	EXHAUST FAN	REX	REMOVE EXISTING
EM	EMERGENCY	RMC	RIGID METAL CONDUIT
EMT	ELECTRICAL METALLIC TUBING	RMS	ROOT MEAN SQUARED
EPO	EMERGENCY POWER OFF	RNMC	RIGID NON-METALLIC CONDUIT
EWC	ELECTRIC WATER COOLER	RTU	ROOF TOP UNIT
EX	EXISTING	SCADA	SYSTEM CONTROL AND DATA ACQUISITION
ETR	EXISTING TO REMAIN	SP	SPARE
F	FUSE	SPD	SURGE PROTECTIVE DEVICE
FA	FIRE ALARM	SS	STAINLESS STEEL
FACP	FIRE ALARM CONTROL PANEL	STP	SHIELDED TWISTED PAIR
FLA	FULL LOAD AMPERES	SW	SWITCH
FMT	FLEXIBLE METAL CONDUIT	SYM	SYMMETRICAL
FT	FEET FLOW TRANSMITTER	TBD	TO BE DETERMINE
FU	FUSE	TEL	TELEPHONE
FVNR	FULL VOLTAGE NON REVERSING STARTER	TMCB	THERMAL MAGNETIC CIRCUIT BREAKER
GFI	GROUND FAULT INTERRUPTER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION UNIT
GRD,G	GROUND OR GROUNDING	TYP	TYPICAL
GRH	GAS FIRED RADIANT HEATER	UG	UNDERGROUND OR UNDERGRADE
GRMC	GALVANIZED RIGID METALLIC CONDUIT	UL	UNDERWRITERS LABORATORIES
HOA	HAND OFF AUTOMATIC SWITCH	UON	UNLESS OTHERWISE NOTED
HP	HORSEPOWER	V	VOLT
HRV	HEAT RECOVERY AND VENTILATION UNIT	VT	VOLTAGE TRANSFORMER
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS	W	WIRE
I&C	INSTRUMENTATION AND CONTROL	WH	WATER HEATER
IMC	INTERMEDIATE METAL CONDUIT	WP	WEATHER PROOF
INT	INTERLOCK	XFMR	TRANSFORMER
KCMIL	THOUSAND CIRCULAR MILS	△	DELTA
KVA	KILOVOLT AMPERES	Y	WYE
KW	KILOWATTS	∅	PHASE

ELECTRICAL GENERAL NOTES

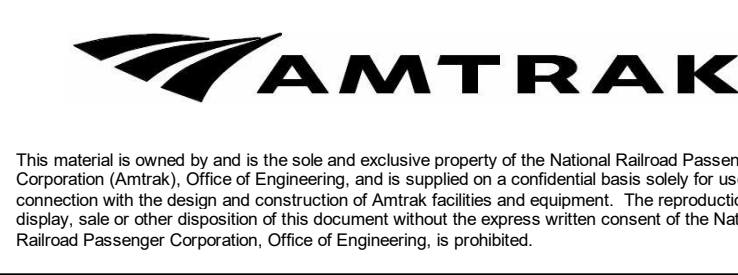
- PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, COORDINATION, ADDITIONAL DESIGN AND ALL INCIDENTALS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM AS DETAILED ON PLANS TO THE SATISFACTION OF THE ENGINEER AND THE OWNER. COORDINATE ALL WORK WITH THE ENGINEER BEFORE THE START OF WORK. ALL WORK SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL CONTRACTOR LICENSED IN THE STATE OF MISSOURI THAT HAS PREVIOUSLY PERFORMED WORK OF THIS SIZE AND TYPE.
- PRIOR TO SUBMITTING BID, THE CONTRACTOR SHALL VISIT THE SITE AND BE THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS AND PROPOSED CONSTRUCTION. CONTRACTOR SHALL INCLUDE IN THEIR BID ALL MATERIAL, LABOR AND ALL INCIDENTALS FOR A COMPLETE INSTALLATION WHETHER SPECIFICALLY CALLED FOR OR NOT. ALL ERRORS, DISCREPANCIES AND MISSED ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER DURING THE BIDDING PROCESS BY THE CONTRACTOR. THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE. NO EXTRA COST WILL BE ALLOWED FOR ANY DISCREPANCY WHICH COULD HAVE BEEN NOTICED AT THE SITE VISIT BY THE CONTRACTOR.
- PERFORM WORK AS REQUIRED BY APPLICABLE CODES, REGULATIONS AND LAWS OF LOCAL, STATE AND FEDERAL GOVERNMENTS AND OTHER AUTHORITIES WITH LAWFUL JURISDICTION. ALL WORK SHALL BE IN ACCORDANCE WITH THE AMTRAK DESIGN STANDARDS AND THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE. ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION.
- MATERIAL AND EQUIPMENT SHALL BE UL, NEMA, ANSI, IEEE, ADA & CBM APPROVED FOR INTENDED SERVICE. MATERIAL AND INSTALLATION SHALL MEET REQUIREMENTS OF NATIONAL AND STATE ELECTRICAL CODE.
- GIVE NOTICES, FILE PLANS, OBTAIN PERMITS AND LICENSES, PAY FEES AND BACK CHARGES, AND OBTAIN NECESSARY APPROVALS FROM AUTHORITIES THAT HAVE JURISDICTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE REQUIRED NOTICES, PERMITS, LICENSES, FEES, BACK CHARGES AND APPROVALS REQUIRED FOR THIS PROJECT.
- MAINTAIN RECORD DRAWINGS ON SITE. RECORD SET MUST BE COMPLETE AND CURRENT AND AVAILABLE FOR INSPECTION WHEN REQUISITIONS FOR PAYMENT ARE SUBMITTED.
- GUARANTEE WORK IN WRITING FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE. REPAIR OR REPLACE DEFECTIVE MATERIALS OR INSTALLATION AT NO COST TO OWNER DURING THE GUARANTEE PERIOD. CORRECT DAMAGE CAUSED IN MAKING NECESSARY REPAIRS AND REPLACEMENTS UNDER GUARANTEE AT NO COST TO OWNER. SUBMIT GUARANTEE TO OWNER BEFORE FINAL PAYMENT.
- COORDINATE ALL ELECTRICAL ITEMS WITH EXISTING FIELD CONDITIONS. LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE MINOR ADJUSTMENT IN THE FIELD TO SATISFY THE DESIGN INTENT.
- DAMAGE TO EXISTING FACILITIES AND EQUIPMENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND REQUIRE COORDINATION WITH ALL OTHER TRADES AND VERIFICATION OF EXISTING CONDITIONS. ROUTING OF CONDUIT IS DIAGRAMMATIC IN NATURE AND NOT INTENDED TO SHOW ALL REQUIRED OFFSETS AND DETAILS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING ASSOCIATED EQUIPMENT AND CONDITIONS. COORDINATE THE LOCATION OF ALL EQUIPMENT WITH THE ENGINEER AND THE OWNER. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL OTHER TRADES' DRAWINGS AND SPECIFICATIONS AND COORDINATING WITH ALL OTHER TRADES DURING BIDDING AND CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUITY OF ALL POWER, CONTROL, AND COMMUNICATION FUNCTIONS TO ALL AREAS AFFECTED BY DEMOLITION AND/OR NEW CONSTRUCTION.
- CONTRACTOR SHALL NOT CUT ANY ACTIVE ELECTRICAL OR COMMUNICATIONS LINES DURING CONSTRUCTION. IF THE CONTRACTOR ACCIDENTALLY CUTS A LINE, THEN THEY SHALL CONTACT THE ENGINEER IMMEDIATELY BEFORE PROCEEDING WITH FURTHER WORK.
- REPAIR AND PATCH ANY DISTURBED AREAS TO MATCH EXISTING CONDITIONS.
- CONTRACTOR SHALL SUBMIT FOR APPROVAL, SHOP DRAWINGS FOR ALL EQUIPMENT AND MATERIALS USED ON THE PROJECT. SUBMITTALS SHALL BE APPROVED BY THE ENGINEER BEFORE PURCHASE OF MATERIALS.
- ALL ELECTRICAL CURRENT CARRYING PARTS SHALL BE COPPER FOR ALL EQUIPMENT.
- PERMANENTLY LABEL ALL NEW ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, DEVICE DESIGNATION AND SUPPLY CIRCUIT DESIGNATION. UPDATE PANEL DIRECTORIES TO INCLUDE NEW CIRCUIT INFORMATION RESULTING FROM THIS PROJECT.
- PROVIDE TEMPORARY POWER AND LIGHTING FOR ALL TRADES AS REQUIRED TO COMPLETE THE PROJECT. ALL TEMPORARY AND INTERIM EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO, NFPA 110 AND NFPA 70. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS REQUIREMENT WITH ALL OTHER TRADES AND INCLUDING ALL ASSOCIATED COST IN BID PRICE.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION THAT IS NOT SHOWN ON THE DRAWINGS.
- UPON REMOVAL, CONTRACTOR SHALL INVENTORY MAJOR ELECTRICAL ITEMS THAT ARE REMOVED AND PROVIDE A LIST TO THE OWNER FOR THEIR SELECTION OF ITEMS TO BE RETAINED. ALL ITEMS REJECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
- ALL ELECTRICAL EQUIPMENT INSTALLED OUTDOOR AND/OR IN WET LOCATIONS SHALL BE IN NEMA 4X ENCLOSURE TYPE 316 STAINLESS STEEL.

ELECTRICAL DEMOLITION NOTES

- ELECTRICAL EQUIPMENT AND DEVICES WITHIN DEMOLITION AREA SHALL BE DEMOLISHED ALONG WITH ALL ASSOCIATED FEEDER CIRCUITS, AND CONDUITS UNLESS OTHERWISE NOTED. WIRING SHALL BE REMOVED BACK TO SOURCE. REMOVE ALL CONDUITS ASSOCIATED WITH DEMOLISHED EQUIPMENT EXCEPT CONDUITS CONCEALED IN WALLS OR FLOOR SLABS. CONTRACTOR SHALL DISCONNECT, MAKE SAFE, AND REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT AND ALL ASSOCIATED CIRCUITRY WITHIN DEMOLITION AREA. REMOVE ALL DEMOLISHED ITEMS AND DEBRIS FROM THE WORK SITE AND DISPOSE OF PROPERLY. FIELD VERIFY ALL SUPPLY CIRCUITS FOR DEMOLISHED EQUIPMENT.
- WHERE ELECTRICAL SYSTEMS PASS THROUGH DEMOLITION AREAS TO SERVE OTHER PORTIONS OF THE PREMISES, SYSTEMS SHALL BE SUITABLY PROTECTED TO PREVENT DAMAGE OR RELOCATED AND THE SYSTEMS RESTORED TO NORMAL OPERATION. ANY OUTAGES IN SYSTEMS SHALL BE COORDINATED WITH OWNER. RESTORE POWER TO EXISTING TO REMAIN EQUIPMENT IF INTERRUPTED BY DEMOLISHED CIRCUITS IN THE AREA.
- UPON REMOVAL, CONTRACTOR SHALL INVENTORY MAJOR ELECTRICAL ITEMS THAT ARE REMOVED AND PROVIDE A LIST TO THE OWNER FOR THEIR SELECTION OF ITEMS TO BE RETAINED. ALL ITEMS REJECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

Local File: BIM_360/087435-Amtrak_ADA_IDIQ(2021)067435_LEE_ADASP_MEP_CENTRAL_R21.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	BRL



Office of Chief Engineer

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) MISSOURI
ADA STATIONS PROGRAM

Project Code: 67435	WBS: CEN 100964.0131
Sheet No. 35 OF 41	Draw. No. E000
Designed BRL	Drawn BRL
Checked BAM	Date 11/03/2023

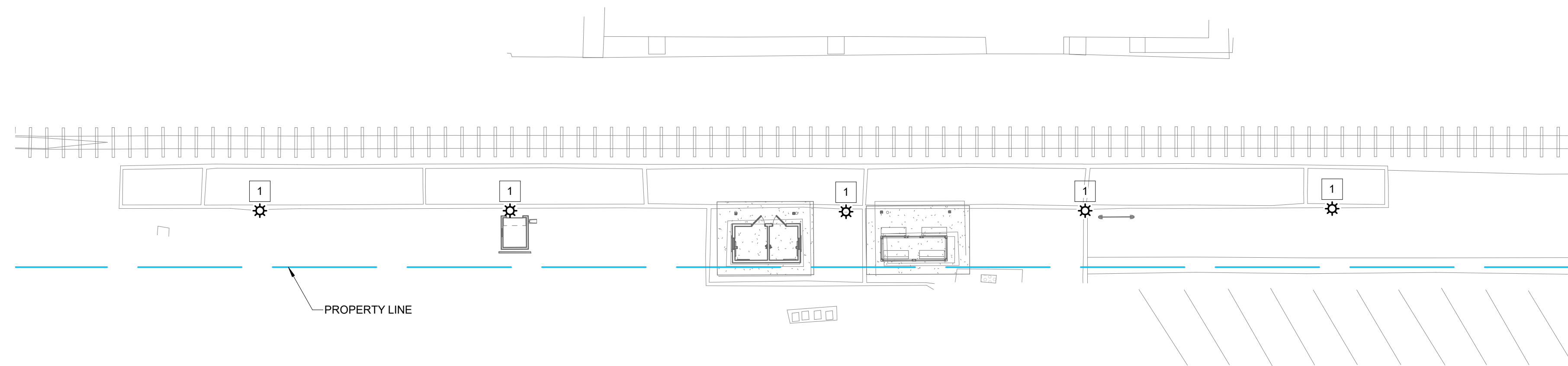
SYMBOLS, ABBREVIATIONS & GENERAL NOTES

GENERAL SHEET NOTES

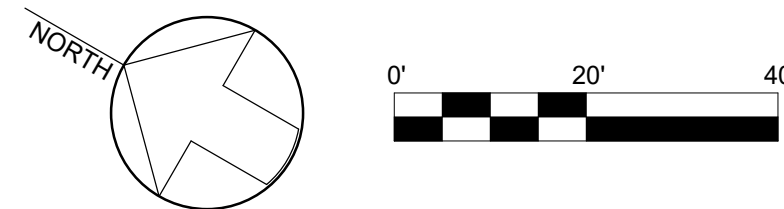
- A. REFER TO DRAWING E000 FOR LEGEND, SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- B. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL WORK.
- C. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF WORK AS INDICATED ON DRAWING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- D. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT SOLID (———) SHALL BE EXISTING TO REMAIN AND ELECTRICAL ITEMS SHOWN HEAVY SOLID (———) SHALL BE EXISTING TO BE REMOVED.

SHEET KEYNOTES

- 1. REMOVE EXISTING PLATFORM LIGHT FIXTURE(S) AND ASSOCIATED POLE/BASE AND EXISTING CABLING AND CONDUIT BACK TO SOURCE. REFER TO SHEET E100 FOR NEW WORK.

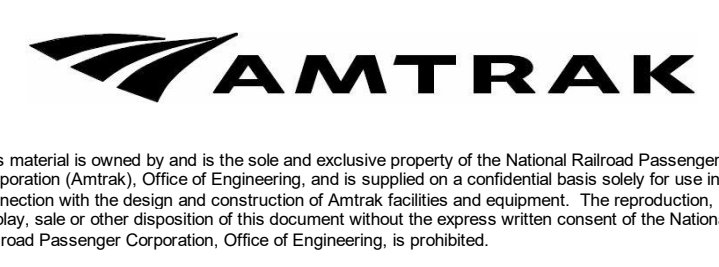


1 PLATFORM - DEMOLITION
ED100 SCALE: 1" = 20'-0"



Local File: BIM_360\067435-Amtrak_ADA_IDIQ\2021\067435_LEE_ADASP_MEP_CENTRAL_R21.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	BRL



Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) MISSOURI ADA STATIONS PROGRAM	
SITE PLAN - DEMOLITION	
Designed BRL	Drawn BRL
Checked BAM	Date 11/03/2023

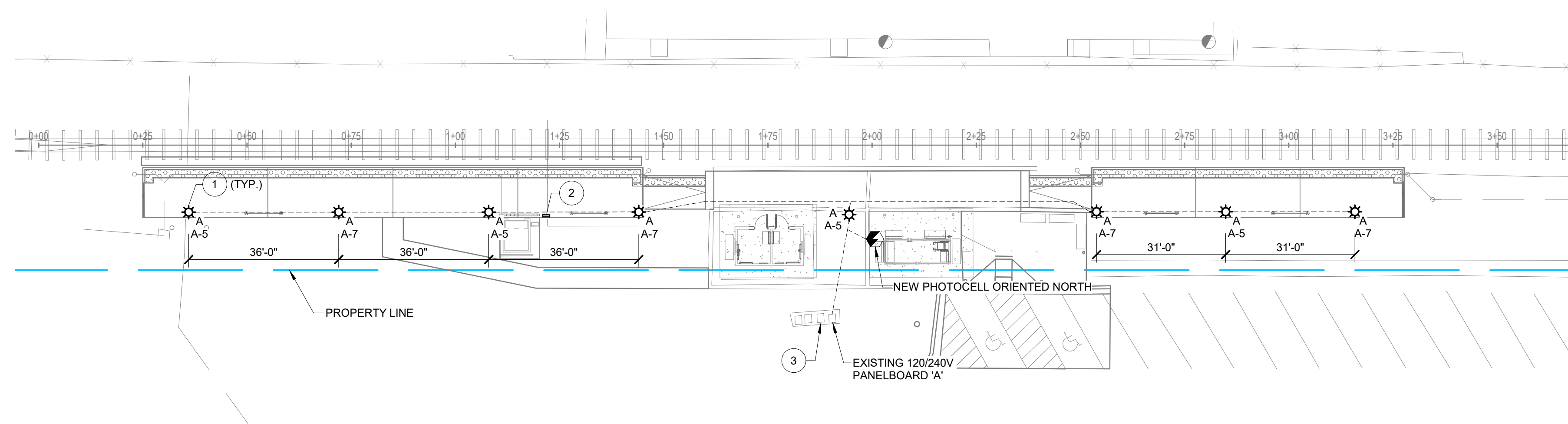
Project Code: 67435
WBS: CEN 100964.0131
Sheet No. 36 OF 41
Dwg. No. ED100

GENERAL SHEET NOTES

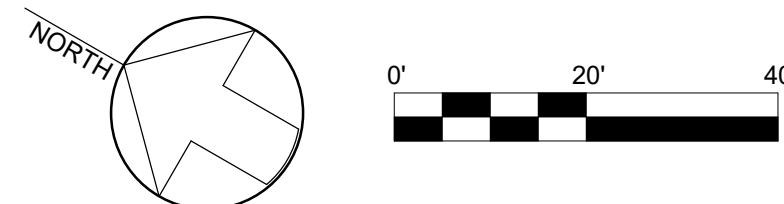
- A. REFER TO DRAWING E000 FOR LEGEND, SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- B. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL WORK.
- C. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF WORK AS INDICATED ON DRAWING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- D. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN LIGHT SOLID (——) SHALL BE EXISTING TO REMAIN AND ELECTRICAL ITEMS SHOWN HEAVY SOLID (——) SHALL BE NEW EQUIPMENT OR LIGHT FIXTURES.

SHEET KEYNOTES

1. PROVIDE NEW LIGHT FIXTURE TYPE 'A', PROVIDE NEW 4#10 + 1#10 GRD IN 1" CONDUIT AND CONNECT TO EXISTING LIGHTING PANEL 'A'. REFER TO LIGHT FIXTURE SCHEDULE FOR TYPE AND MODEL ON SHEET E000. REFER TO LIGHT POLE DETAIL ON SHEET E500.
2. PROVIDE NEW EXTERNAL OVERRIDE SWITCH FOR PLATFORM LIGHTING MOUNTED ON STAINLESS STEEL PEDESTAL PER DETAIL 4/E500. PROVIDE INTERCONNECT WIRING BETWEEN THE OVERRIDE SWITCH AND THE LIGHTING CONTROL PANEL AS INDICATED IN 1" C. REFER TO DETAILS 2/E500 AND 4/E500.
3. PROVIDE NEW LIGHTING CONTROLS/CONTROL PANEL PER DETAIL 2/E500 INSIDE EXISTING PEDESTAL ENCLOSURE.

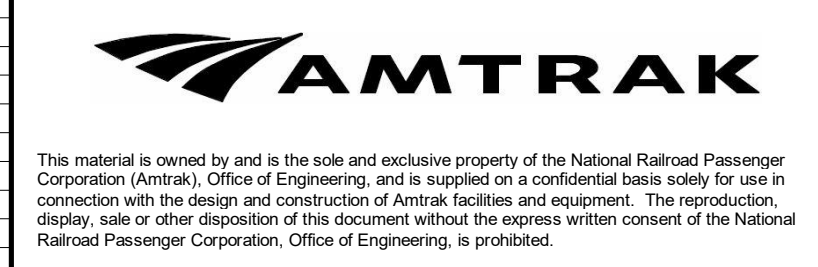


1 PLATFORM - NEW WORK
E100 SCALE: 1" = 20'-0"



Local File: BIM_360\067435-Amtrak_ADA_IDIQ(2021)067435_LEE_ADASP_MEP_CENTRAL_R21.rvt

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	BRL



Office of Chief Engineer
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

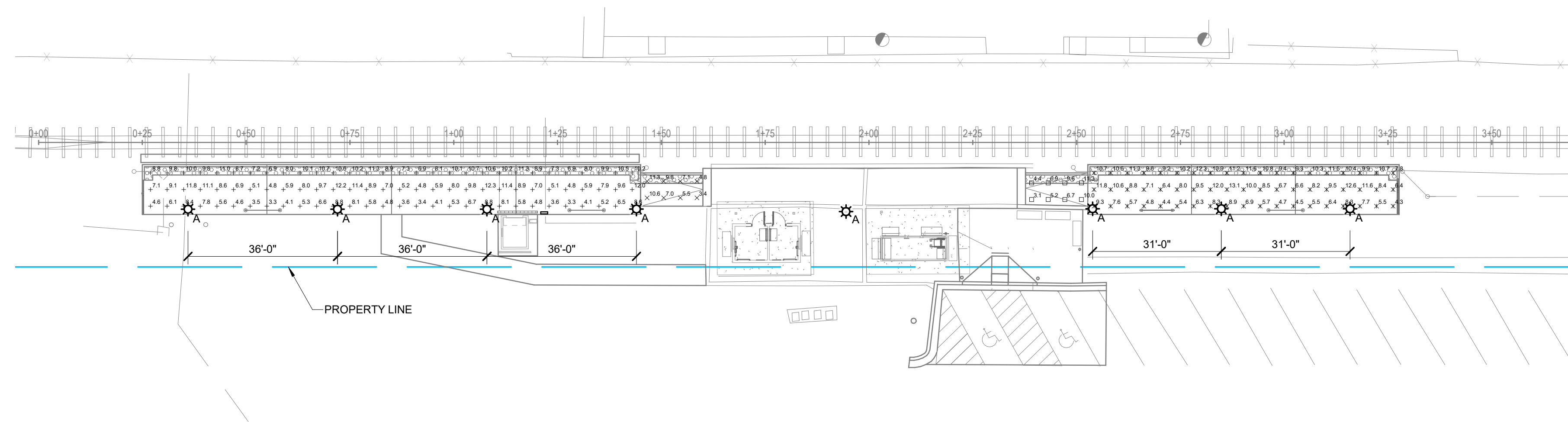


LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM		MISSOURI		Project Code: 67435
SITE PLAN - NEW WORK				WBS: CEN 100964.0131
Designed BRL	Drawn BRL	Checked BAM	Date 11/03/2023	Sheet No. 37 OF 41
				Drawn No. E100

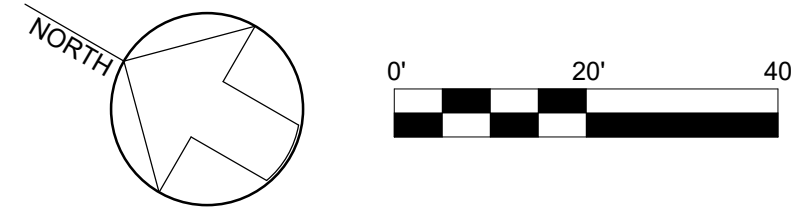
Project Number: 67435
11/03/2023 6:52:32 PM

Local File: BIM_360\067435-Amtrak_ADA_IDIQ\2021\067435_LEE_ADASP_MEP_CENTRAL_R21.rvt

Project Number: 67435
11/8/2023 6:52:33 PM



1 PLATFORM - LIGHTING CALCULATIONS
E101 SCALE: 1" = 20'-0"



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
East Platform	×	8.7 fc	13.1 fc	4.3 fc	3.0:1	2.0:1
East Ramp	□	7.2 fc	11.3 fc	3.1 fc	3.6:1	2.3:1
West Platform	+	7.7 fc	12.3 fc	3.3 fc	3.7:1	2.3:1
West Ramp	×	7.4 fc	11.3 fc	3.4 fc	3.3:1	2.2:1

2 PLATFORM LIGHTING STATISTICS
E101 SCALE: NTS

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	BRL



This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

Office of Chief Engineer

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

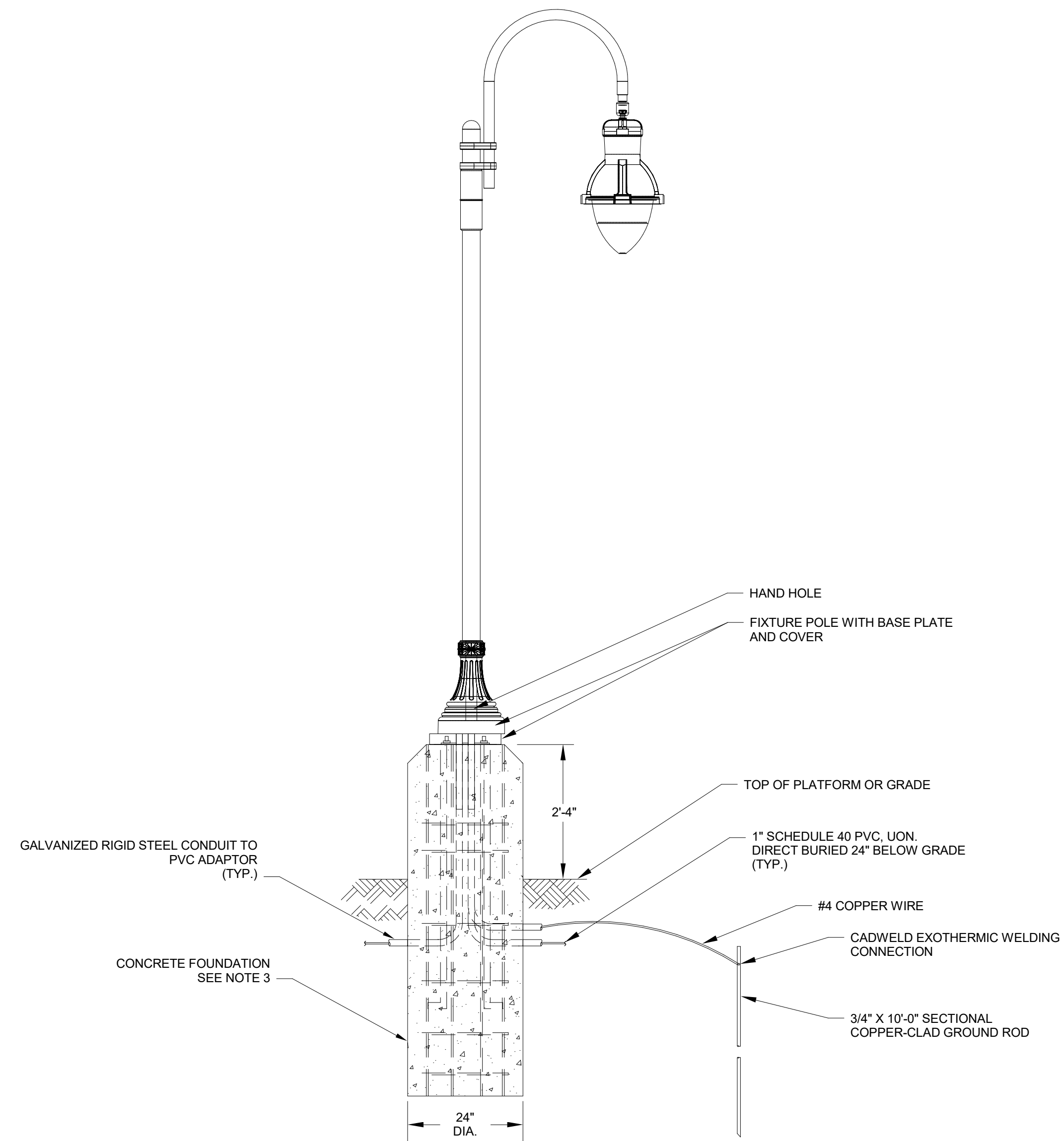
Approved	Date



LEE'S SUMMIT (LEE)		MISSOURI	
ADA STATIONS PROGRAM		ADA STATIONS PROGRAM	
SITE PLAN - LIGHTING CALCULATIONS			
Designed BRL	Drawn BRL	Checked BAM	Date 11/03/2023

Project Code:	67435
WBS:	C.EN.100964.0131
Sheet No.	38 OF 41
Dwg. No.	E101

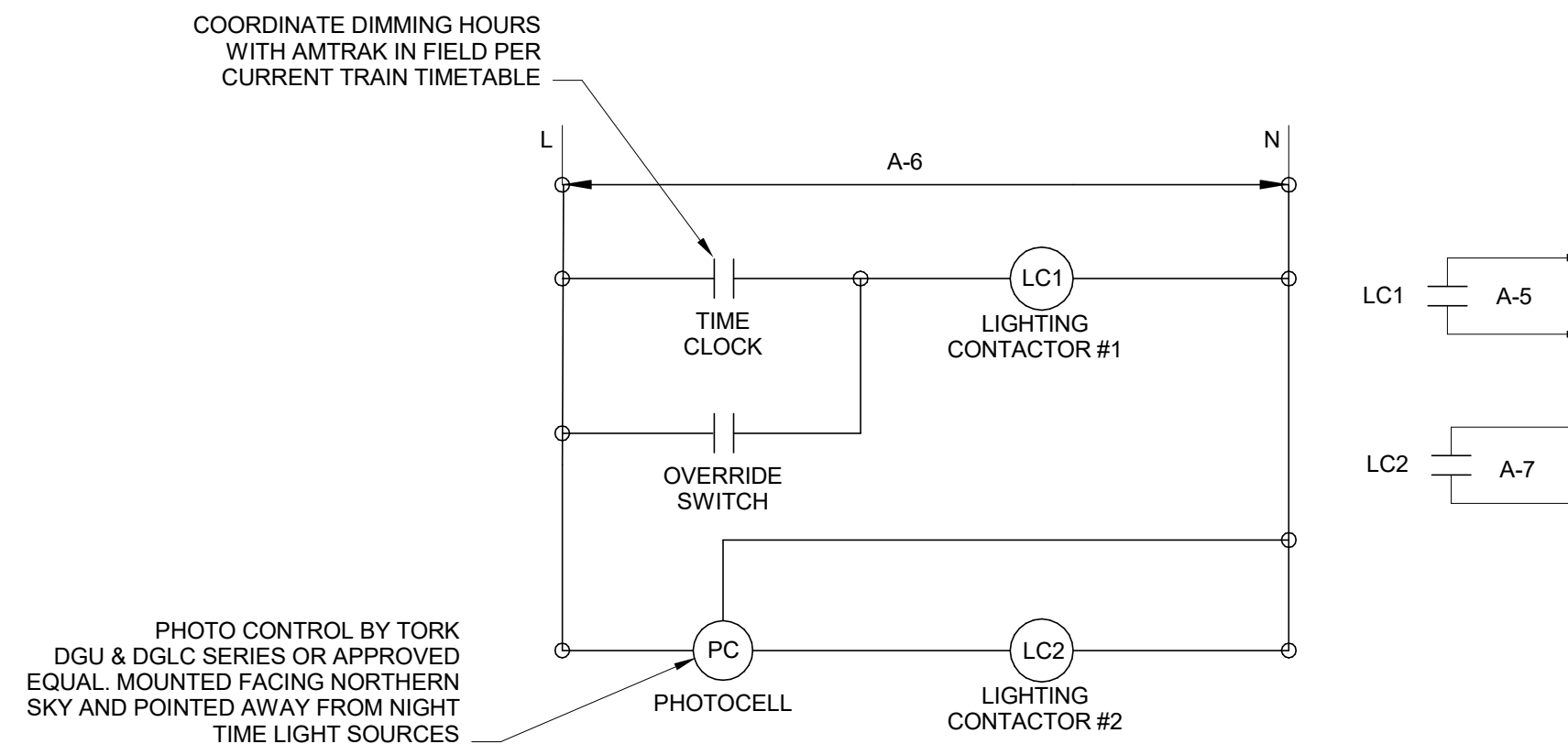
Local File: BIM_360/067435-Amtrak_ADA_IDIQ(2021)067435_LEE_ADASP_MEP_CENTRAL_R21.rvt
 Project Number: 67435
 11/03/2023 6:52:34 PM



1 LIGHT POLE DETAIL
 E500 SCALE: NTS

NOTES:

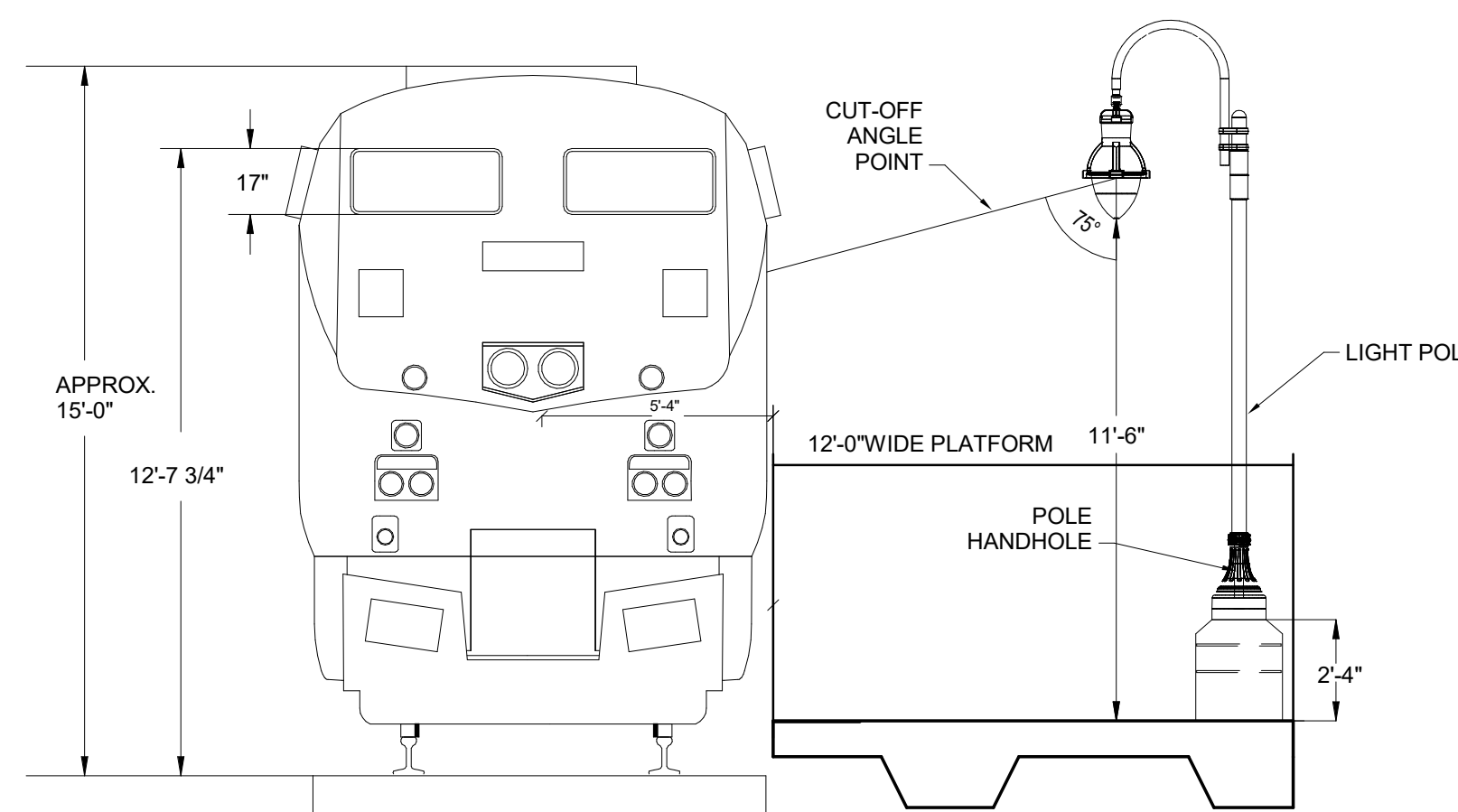
- COORDINATE BOLT CIRCLE AND LENGTH OF BOLT PROTRUSION FROM CONCRETE WITH POLE MANUFACTURER.
- CONNECT GROUND ROD TO METAL POLE AND BRANCH CIRCUIT GROUND CONDUCTOR WITH BARE #4 COPPER WIRE.
- SEE STRUCTURAL DRAWINGS FOR LIGHT POLE FOUNDATION AND ANCHORAGE REQUIREMENTS.
- PROVIDE TAMPERPROOF HARDWARE FOR POLE HANDHOLE AND BASE PLATE COVER.



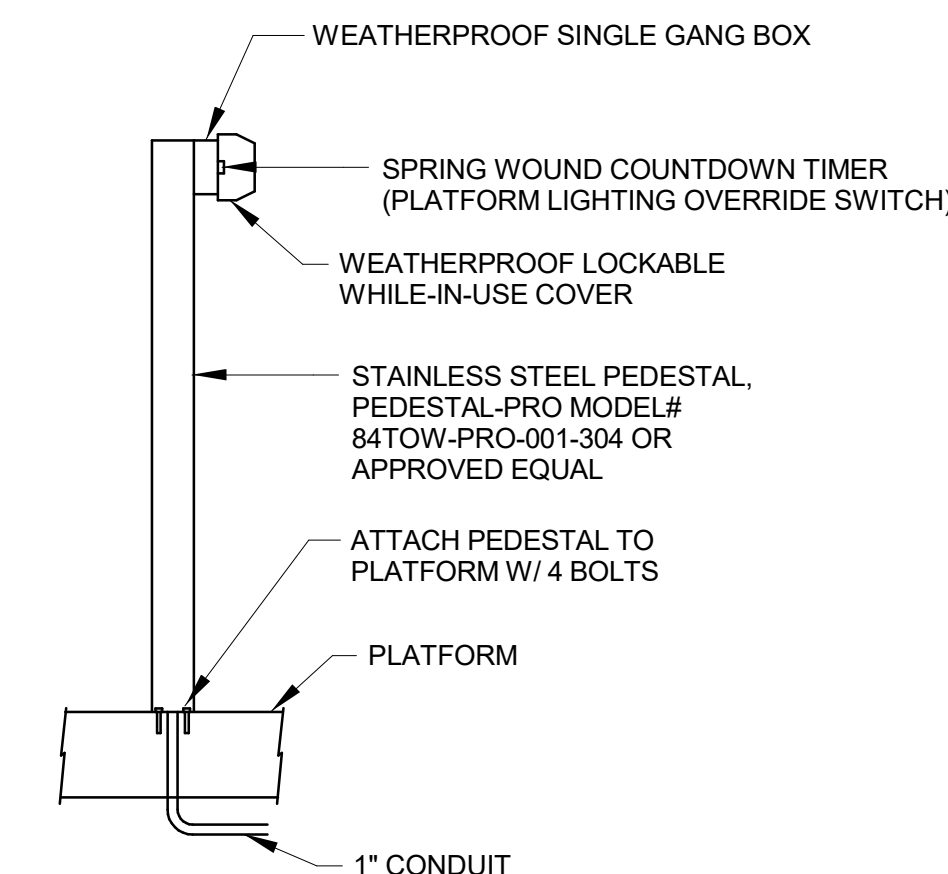
2 LIGHTING CONTROL PANEL DETAIL
 E500 SCALE: NTS

NOTES:

- PROVIDE (2) SPARE CONTACTS FOR EACH LIGHTING CONTACTOR.
- ALL ELECTRICAL COMPONENTS SHOWN ARE TO BE PART OF A LIGHTING CONTROL PANEL INSTALLATION (ADJACENT TO PANEL 'A').
- PROVIDE EXTERNAL OVERRIDE SWITCH FOR USE BY TRAIN CONDUCTORS.
- SYSTEM: 50% LIGHTS ON DUSK TO DAWN, 50% ON TIME CLOCK, OVERRIDE SWITCH TO TURN ALL LIGHTS ON FOR 60MINS.

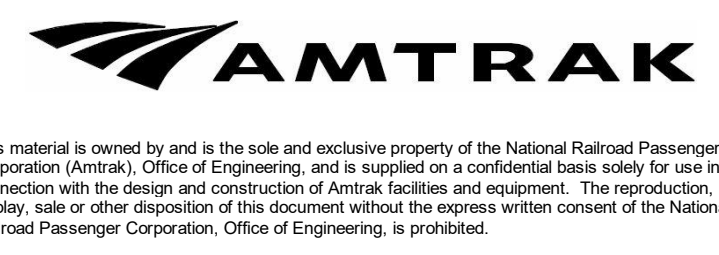


3 TRAIN ENVELOPE DETAIL
 E500 SCALE: 1/4" = 1'-0"



4 PEDESTAL OVERRIDE SWITCH DETAIL
 E500 SCALE: NTS

No.	Revisions	Date	By
0	100% (FB) SUBMISSION	11/03/2023	BRL



Office of Chief Engineer
 National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM		MISSOURI	
Project Code: 67435		WBS: CEN 100964.0131	
Sheet No. 39 OF 41		Dwg. No. E500	
DETAILS			
Designed BRL	Drawn BRL	Checked BAM	Date 11/03/2023

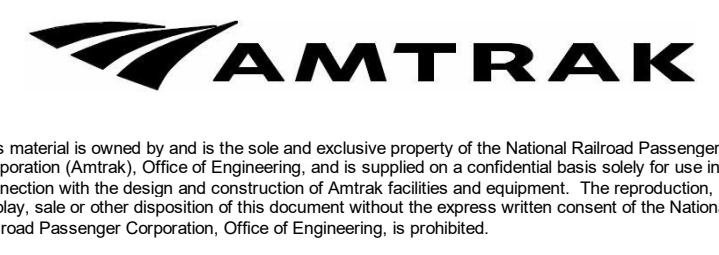
This material is owned by and is the sole and exclusive property of the National Railroad Passenger Corporation (Amtrak), Office of Engineering, and is supplied on a confidential basis solely for use in connection with the design and construction of Amtrak facilities and equipment. The reproduction, display, sale or other disposition of this document without the express written consent of the National Railroad Passenger Corporation, Office of Engineering, is prohibited.

EXISTING PANEL DESIGNATION A		TYPE: BRANCH CIRCUIT NUMBER OF POLES: 16 MAIN BUS RATING: 200A MAIN RATING:				VOLTAGE: 120/240 V, 1-PHASE, 3-WIRE PANEL MOUNTING: PEDESTAL ENCLOSURE PANEL ENCLOSURE (NEMA): SHORT CIRCUIT: 10KAIC									
CIR. No.	CIR. BKR.	DESCRIPTION	WIRE	GROUND	CONDUIT	LOAD - KVA		LOAD - KVA		WIRE	GROUND	CONDUIT	DESCRIPTION	CIR. BKR.	CIR. No.
1	/1	EXISTING LOAD				-	-	-	-				EXISTING LOAD	/1	2
3	/1	EXISTING LOAD				-	-	-	-				EXISTING LOAD	/1	4
5	20/1	PLATFORM LTG (TIME CLOCK)	#10	#10	1"	0.40	-	0.10	-	#12	#12	3/4"	LIGHTING CONTROL PANEL	20/1	6
7	20/1	PLATFORM LTG (PHOTOCELL)	#10	#10		-	0.40	-	-	-				SPACE	
9		SPACE				-	-	-	-				SPACE		10
11		SPACE				-	-	-	-				SPACE		12
13	/1	EXISTING LOAD				-	-	-	-				EXISTING LOAD	/2	14
15	/1	EXISTING LOAD				-	-	-	-				EXISTING LOAD		16
TOTAL						-	-	TOTAL		-	-				

PANEL CONNECTED LOAD
 ΦA -
 ΦB -
 - TOTAL

- PANEL 'A' NOTES:**
- FURNISH AND INSTALL (3) NEW 20/1 CIRCUIT BREAKERS (SHOWN BOLD) IN EXISTING PANELBOARD TO SERVE NEW LOADS INDICATED. BREAKER TYPE AND AIC RATING TO MATCH EXISTING.

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	BRL



Office of Chief Engineer
 National Railroad Passenger Corporation
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



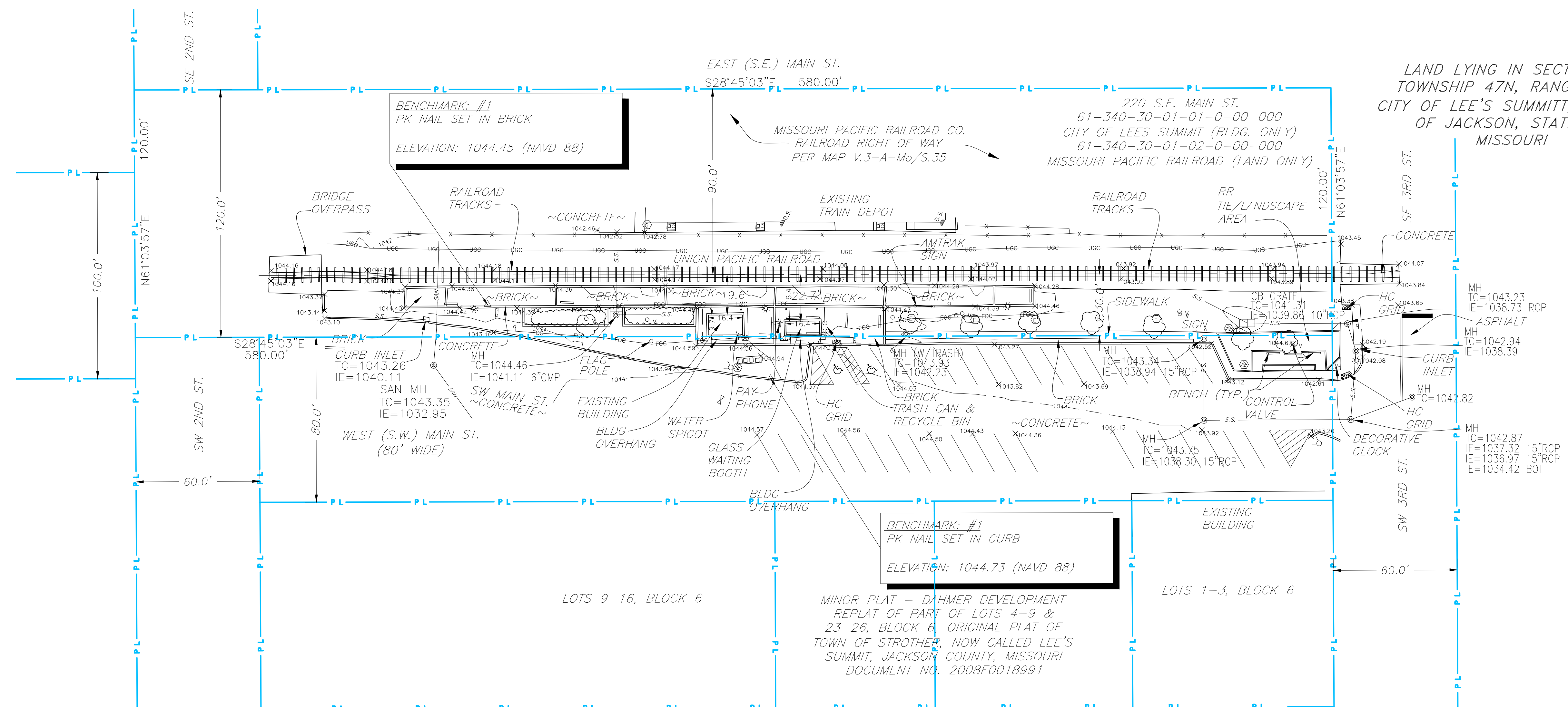
LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM		MISSOURI	
SCHEDULES			
Designed BRL	Drawn BRL	Checked BAM	Date 11/03/2023

Project Code: 67435
WBS: C:EN:100964.0131
Sheet No. 40 OF 41
Draw. No. E501

NORTH

BASIS OF BEARINGS
MISSOURI STATE PLANE
COORDINATES, WEST
ZONE, NAD 83

LAND LYING IN SECTION 6,
TOWNSHIP 47N, RANGE 31W,
CITY OF LEE'S SUMMIT, COUNTY
OF JACKSON, STATE OF
MISSOURI



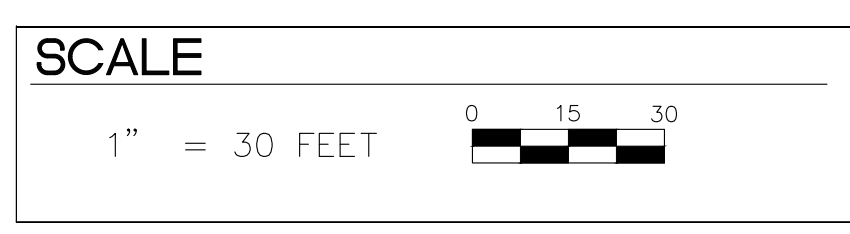
BENCHMARK: #1
PK NAIL SET IN BRICK
ELEVATION: 1044.45 (NAVD 88)

BENCHMARK: #1
PK NAIL SET IN CURB
ELEVATION: 1044.73 (NAVD 88)

PARKING INFORMATION		
EXISTING:	REGULAR	= 34
	HC SPACES	= 2
	TOTAL	= 36

LEGEND

- | | | | |
|--|-------------------------|--|--------------------------|
| | EXIST. SURVEY MONUMENT | | EXIST. CURB |
| | EXIST. SIGN | | EXIST. FIBER OPTIC LINE |
| | EXIST. DOWN SPOUT | | EXIST. FENCE |
| | EXIST. WATER METER | | EXIST. GAS LINE |
| | EXIST. FIRE HYDRANT | | EXIST. UNDERGROUND CABLE |
| | EXIST. LIGHT POLE | | EXIST. STORM DRAIN |
| | EXIST. WATER POST | | EXIST. SANITARY SEWER |
| | EXIST. SQUARE GRATE | | EXIST. CANOPY/OVERHANG |
| | EXIST. MANHOLE | | EXIST. RAILROAD TRACKS |
| | EXIST. AIR CONDITIONER | | |
| | EXIST. GAS METER | | |
| | EXIST. ELECTRIC METER | | |
| | EXIST. WATER VALVE | | |
| | EXIST. IRRIGATION VALVE | | |
| | DEFAULT SYMBOL (MISC.) | | |
| | EXISTING TREE | | |



NOTES:

INFORMATION REGARDING THE PRESENCE, SIZE AND LOCATION OF UNDERGROUND UTILITIES IS SHOWN HEREON. THIS INFORMATION HAS BEEN SHOWN BASED ON THE LOCATION OF ABOVE GROUND APPURTENANCES, AVAILABLE DESIGN PLANS, AND FLAGS AND PAINT PLACED BY THE UNDERGROUND PROTECTION SERVICE. NO CERTIFICATION IS MADE AS TO THE ACCURACY OR THOROUGHNESS OF THE INFORMATION CONCERNING UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON. (MISSOURI ONE CALL 1-800-DIG-RITE)

CONTACT PROPER AUTHORITIES BEFORE BUILDING NEAR UTILITY LINES, FOR EASEMENT WIDTH AND RESTRICTIONS. UTILITIES ARE APPROXIMATE AND SHOULD BE VERIFIED PRIOR TO ANY CONSTRUCTION.

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON ENTITIES NAMED HERON. NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

CONTOURS WERE DERIVED FROM RANDOM SHOTS AND LEVEL CROSS SECTIONS. ELEVATIONS SHOWN HEREON ARE BASED ON OPUS SOLUTION DATED 1-31-2011 (NAD 88).

FIELD WORK COMPLETED 1-24-2011 TO 1-28-2011.

I DO HEREBY STATE THAT THIS IS A TRUE, COMPLETE AND CORRECT SURVEY OF THE DESCRIBED REAL PROPERTY SITUATED IN JACKSON COUNTY, MISSOURI AND THAT THIS SURVEY IS IN COMPLIANCE WITH MISSOURI MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS FOR AN URBAN SURVEY (1:20,000).

BENCHMARKS:

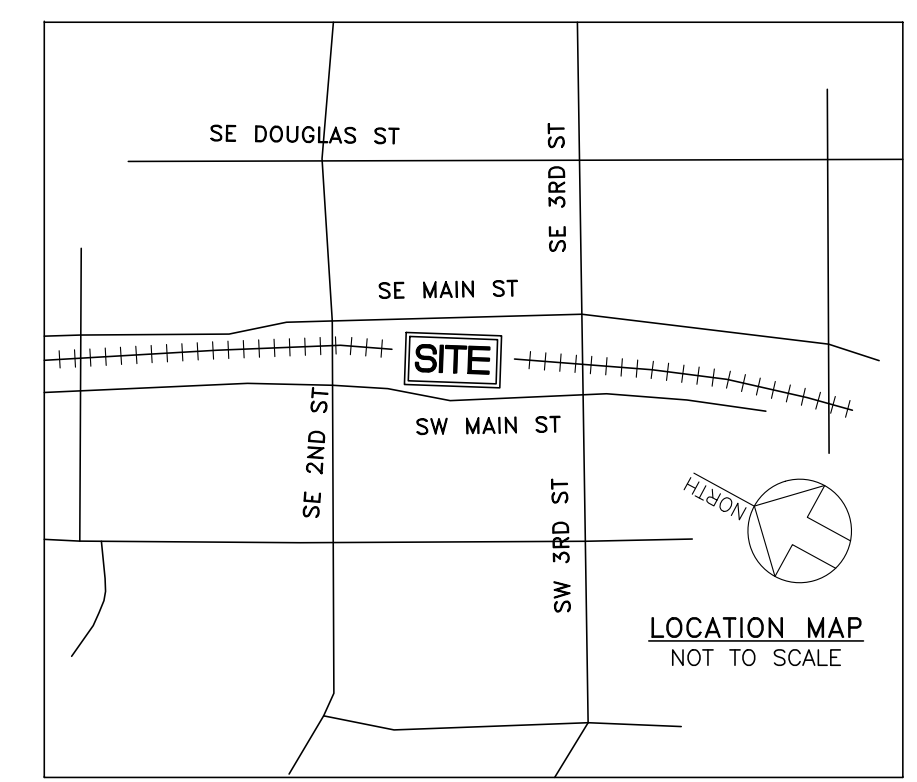
ELEVATIONS SHOWN HEREON ARE BASED ON NGS OPUS SOLUTION ON 1/30/2011. (NAVD 88)

BENCHMARK #1 **BENCHMARK #2**

PK NAIL SET IN CURB EL=1044.73 PK NAIL SET IN BRICK EL=1044.45

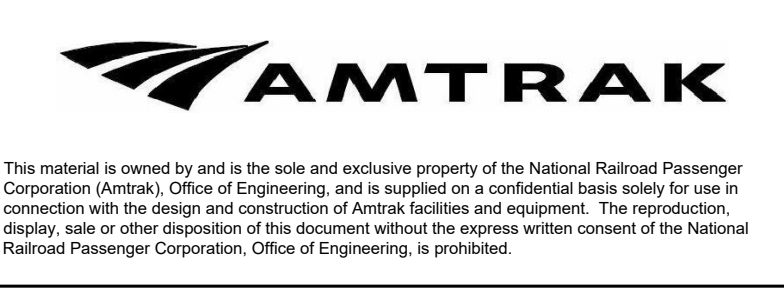
SURVEYOR:

JAMES WEAKLEY
MISSOURI SURVEYOR NO. 2010000249
2121 OLD ASHLAND CITY ROAD
CLARKSVILLE, TN 37043
931-648-9445



Local File: C:\Users\jefleming\Documents\GANNETT FLEMING\NC08705-Amtak_ADA_ID02021\Project Files\LEE\Survey\Amtrak_ASDP_mo_ba_topo_ahw.dwg
 Central File: C:\Users\jefleming\Documents\GANNETT FLEMING\NC08705-Amtak_ADA_ID02021\Project Files\LEE\Survey\Amtrak_ASDP_mo_ba_topo_ahw.dwg
 Project Number: 06735
 6/14/2022 10:34:43 AM

No.	Revisions	Date	By
0	100% (IFB) SUBMISSION	11/03/2023	TJR



Office of ADA Stations Program

National Railroad Passenger Corporation
1801 Market Street, Suite 1450 Philadelphia, Pennsylvania 19103

Approved	Date



LEE'S SUMMIT (LEE) ADA STATIONS PROGRAM (ADASP)		MISSOURI	Project Code: 67435
EXISTING SURVEY		Sheet No. 41 OF 41	WBS: C.EN.100694.0131
Designed: TJR	Drawn: DBM	Checked: SME	Date: 11/03/2023
Dwg. No. Y100			