

MALL OF AMERICA TRANSIT STATION RENOVATIONS BLOOMINGTON, MN

90% DESIGN SUBMISSION



BUILDING SITE
8240 24TH AVE S
BLOOMINGTON, MN 55425



OWNER

METRO TRANSIT
560 SIXTH AVENUE NORTH
MINNEAPOLIS, MN 55411-4398
PHONE (612) 349-7638
FAX (612) 349-7500

FUNDING PARTNER

CITY OF BLOOMINGTON
1800 WEST OLD SHAKOPEE ROAD
BLOOMINGTON, MN 55431-3027
PHONE (652) 563-6700

TEAM LEAD, CIVIL ENGINEERING, LANDSCAPE AND URBAN DESIGN

KIMLEY-HORN AND ASSOCIATES
2550 UNIVERSITY AVENUE WEST, SUITE 238N
SAINT PAUL, MN 55114-2006
PHONE (651) 645-4197

TRAFFIC ENGINEERING, STRUCTURAL ENGINEERING AND COST ESTIMATING

SRF CONSULTING GROUP
ONE CARLSON PARKWAY NORTH, SUITE 150
MINNEAPOLIS, MN 55447-4443
PHONE (763) 475-0010

ARCHITECTURE

SNOW KREILICH ARCHITECTS
219 NORTH 2ND STREET, SUITE 120
MINNEAPOLIS, MN 55401-1452
PHONE (612) 359-9430

LIGHT RAIL TRACK SYSTEMS DESIGN

LTX ENGINEERING SERVICES
CROWN ROLLER MILL BUILDING
105 FIFTH AVENUE SOUTH, SUITE 350
MINNEAPOLIS, MN 55401
PHONE (612) 339-2612

MECHANICAL/ELECTRICAL/PLUMBING

DUNHAM ASSOCIATES
50 SOUTH SIXTH STREET, SUITE 1100
MINNEAPOLIS, MN 55402-1540
PHONE (612) 465-7550

CODE ANALYSIS AND FIRE PROTECTION DESIGN

SUMMIT FIRE CONSULTING
575 MINNEHaha AVENUE WEST
SAINT PAUL, MN 55103
PHONE (651) 251-1880

RISK ASSESSMENT

BAKER ENGINEERING AND RISK CONSULTANTS
3330 OAKWELL COURT, SUITE 100
SAN ANTONIO, TX 78218-3024
PHONE (210) 824-5960

FIELD SURVEY AND 3D MAPPING

MARTINEZ GEOSPATIAL
2915 WATERS ROAD, SUITE 100
EAGAN, MN 55121-1572
PHONE (651) 686-8424



RENDERING - PERSPECTIVE LOOKING SOUTH ALONG 24TH AVE S



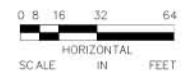
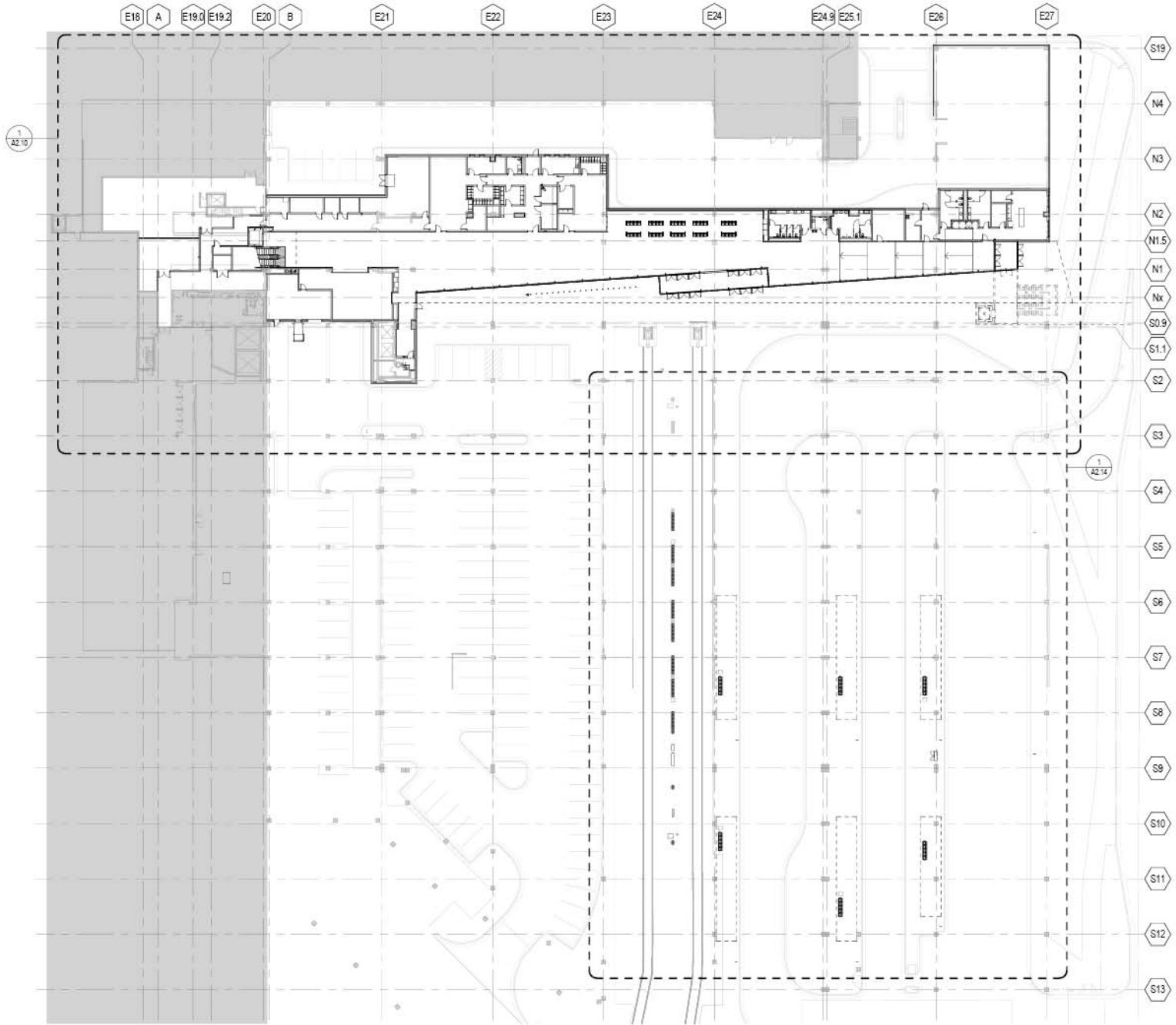
RENDERING - PERSPECTIVE SECTION THROUGH TRANSIT STATION WALKWAY



RENDERING - PERSPECTIVE FROM BUS LOADING ZONE LOOKING NORTH



RENDERING - PERSPECTIVE IN TRANSIT STATION LOOKING WEST TOWARD MALL OF AMERICA



- SHEET NOTES**
1. PROVIDE WALKS AND SIDEWALKS WITH A CONTINUOUS SLIP RESISTANT SURFACE PER CIVIL DRAWINGS.
 2. PROVIDE STOODS AT ALL EXTERIOR DOORS. COORDINATE WITH CIVIL AND STRUCTURAL REQUIREMENTS.

SITE PLAN

ESCALATORS HAVE BEEN MOVED EAST TO PROVIDE A MORE DEFINED WAITING AREA AND TO ENCOURAGE USE OF ESCALATORS OVER ELEVATORS

'BOTTLENECK' REMOVED

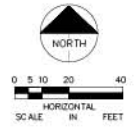
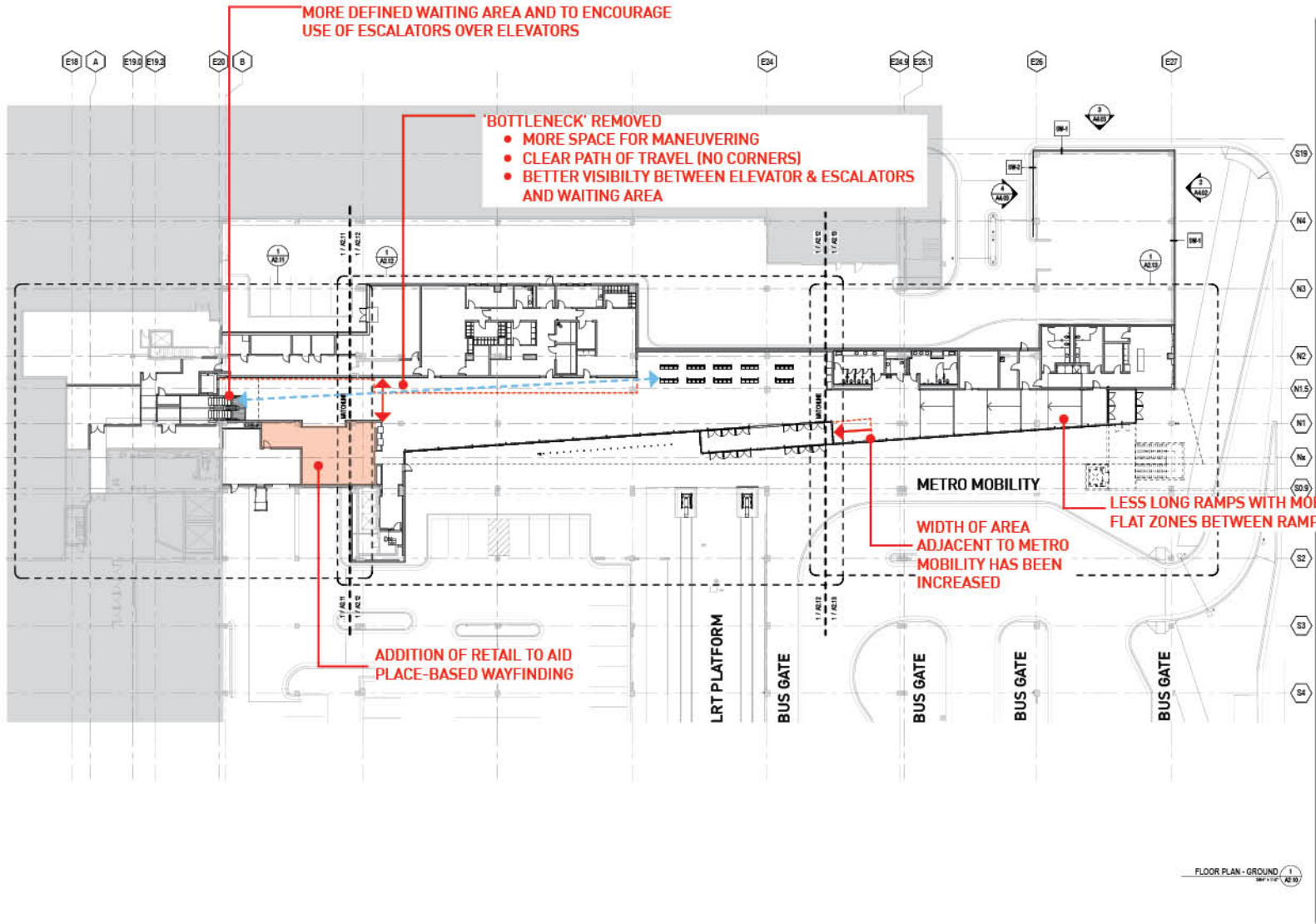
- MORE SPACE FOR MANEUVERING
- CLEAR PATH OF TRAVEL (NO CORNERS)
- BETTER VISIBILITY BETWEEN ELEVATOR & ESCALATORS AND WAITING AREA

ADDITION OF RETAIL TO AID PLACE-BASED WAYFINDING

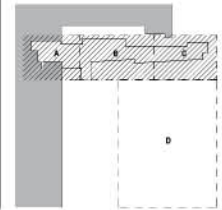
METRO MOBILITY

WIDTH OF AREA ADJACENT TO METRO MOBILITY HAS BEEN INCREASED

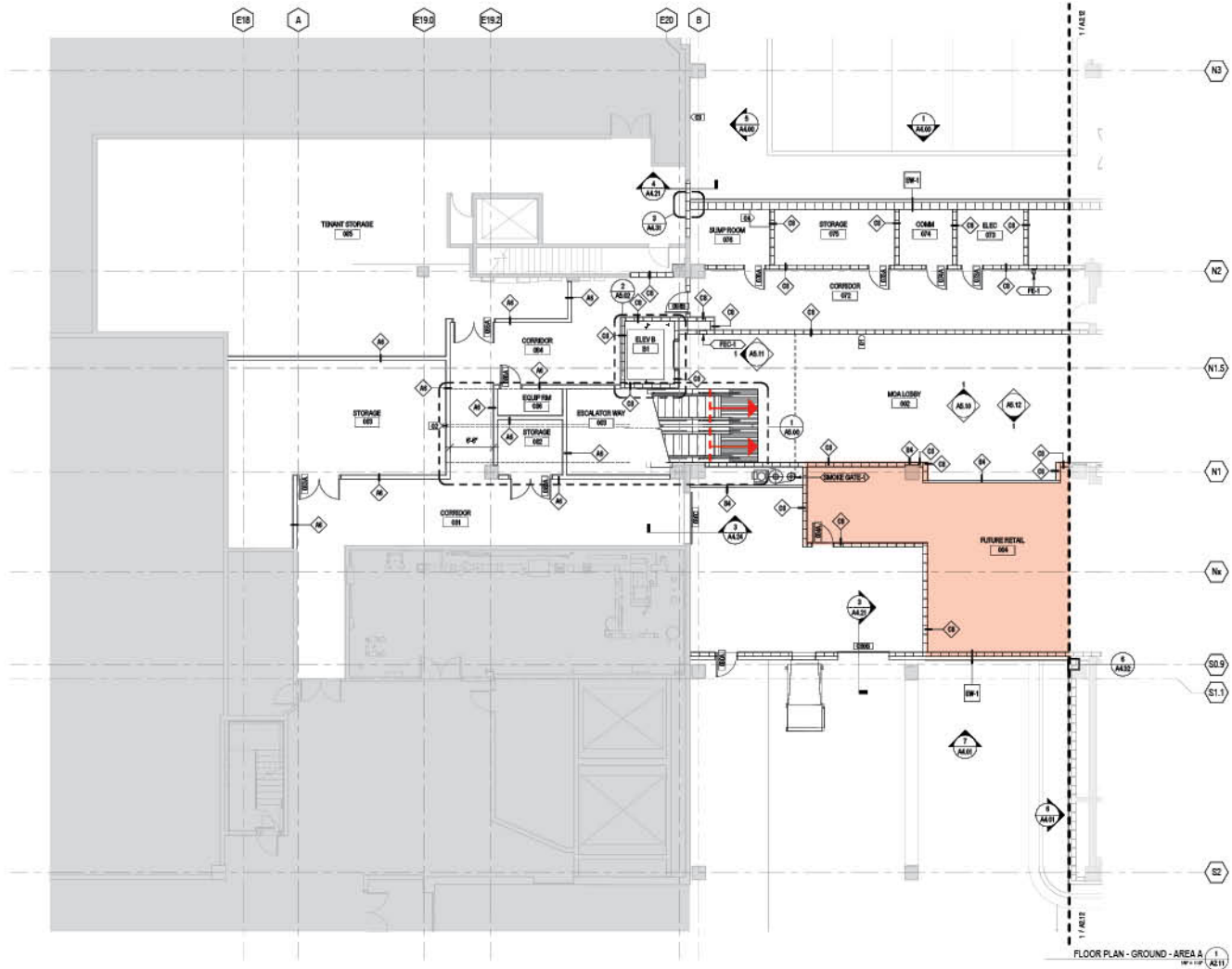
LESS LONG RAMPS WITH MORE FLAT ZONES BETWEEN RAMPS



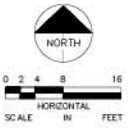
FLOOR PLAN - GROUND
1
A/B



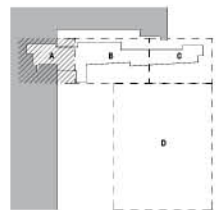
BUILDING PLAN



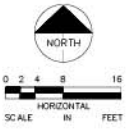
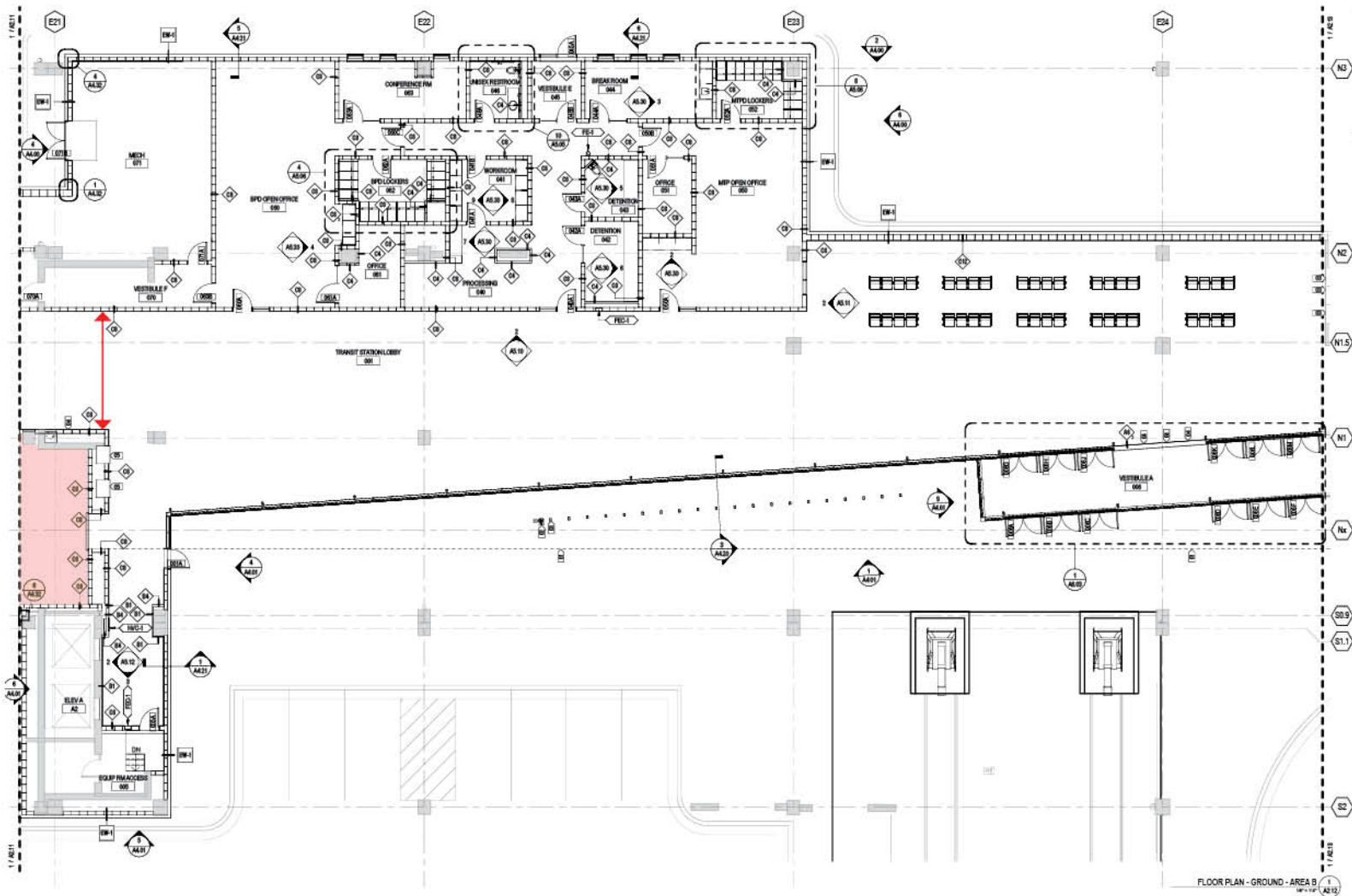
FLOOR PLAN - GROUND - AREA A
 WP-110 (1) ALB11



- KEY NOTES**
- 01 PROVIDE 12" LONG ANKERS HANGING SYSTEM FOR FUTURE ART BY CONCRETE
 - 02 NEW COLUMN AND FOOTING TO SUPPORT ESCALATORS - SEE STRUCT DWGS
 - 03 HELL WITH CONCRETE TO MATCH EXISTING AT DOOR & COMPACTOR REMOVAL - SEE ELEVATION
 - 04 SUMP PIT - SEE MECH STRUCT

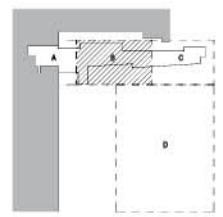


AREA A

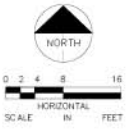
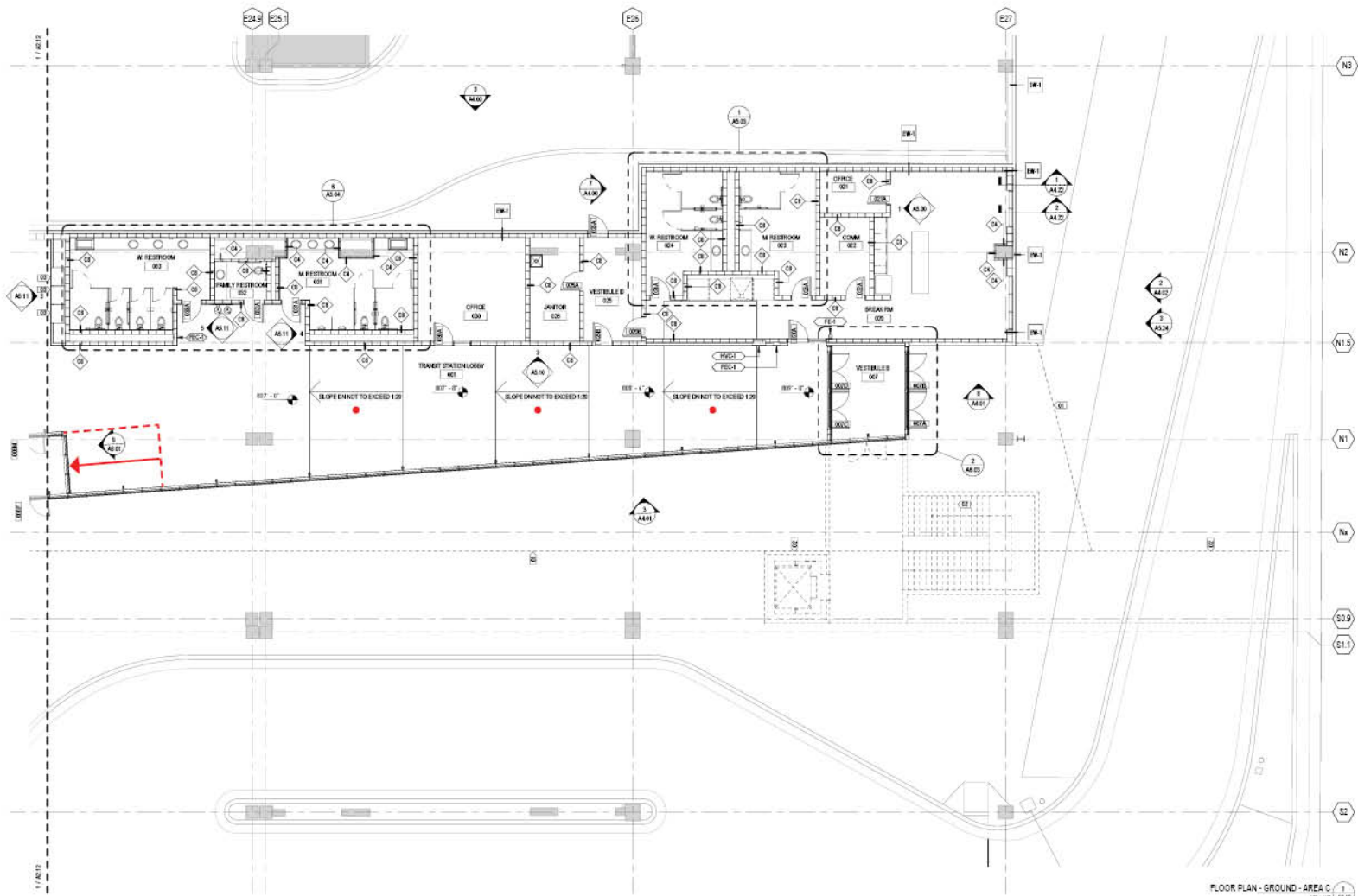


- KEY NOTES**
- 01 EXTENT OF CEILING/ EXTERIOR CANOPY DASHED ABOVE FOR CLARITY - SEE NOTE
 - 02 SIDE MAINTENANCE EXCOR
 - 03 BIKE RACK, TYP. OF 2B
 - 04 LED INFORMATION TYP DISPLAY
 - 05 NEW INSTALLATION LOCATION FOR EXISTING TICKET VENDING MACHINE (TVM)

FLOOR PLAN - GROUND - AREA B
 11/14/12

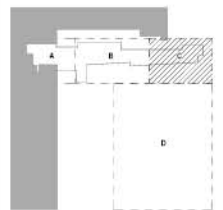


AREA B

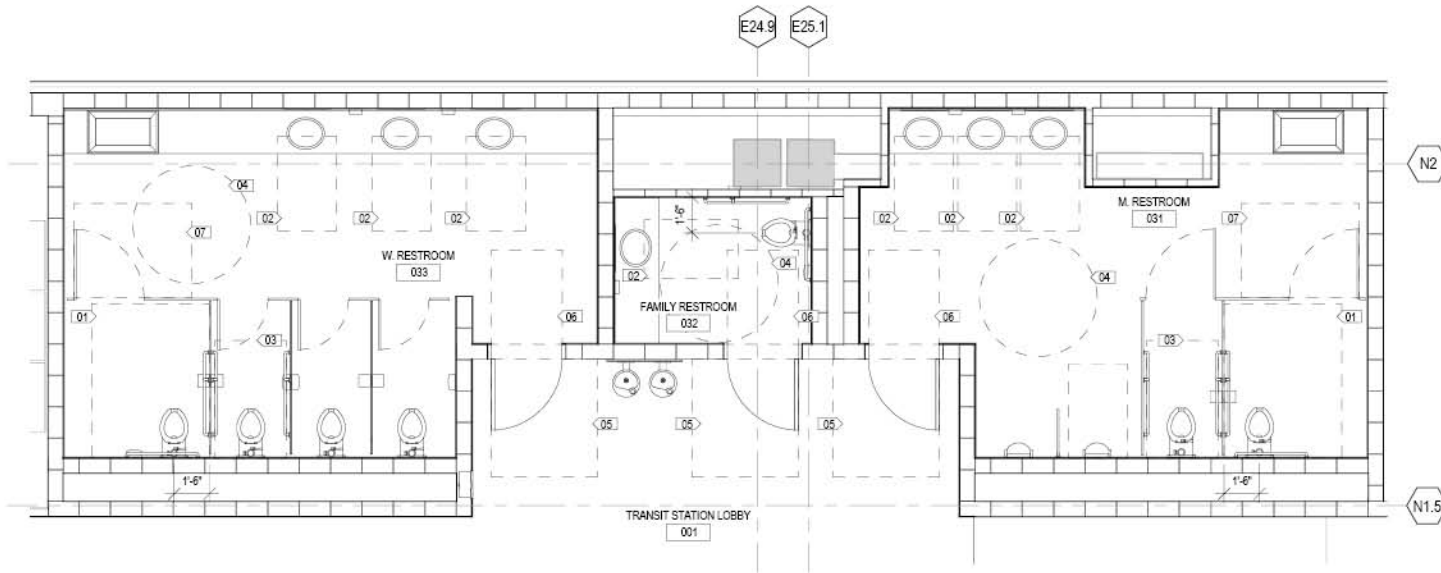


- 001 KEY NOTES
- 01 EXTENT OF CEILING/ EXTERIOR CANOPY DASHED ABOVE FOR CLARITY - SEE TOPS
 - 02 FUTURE SPOWAY CONNECTION BY OTHERS, FOR INFORMATION ONLY
 - 03 NEW INSTALLATION LOCATION FOR EXISTING TICKET VENDING MACHINE (TVM)

FLOOR PLAN - GROUND - AREA C
 1/19/19 A219

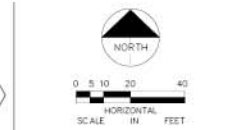
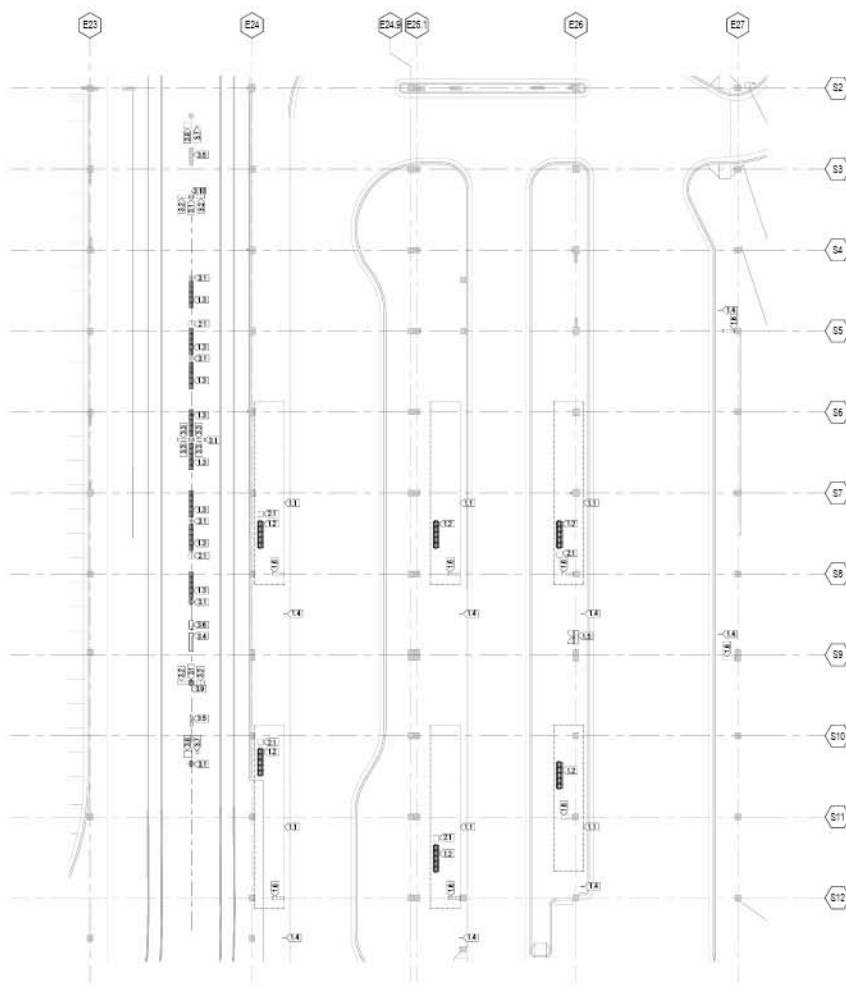


AREA C



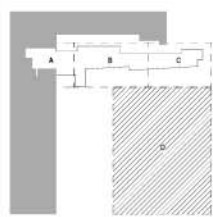
KEY NOTES

- 01 60"x78" TOILET CLEAR FLOOR AREA
- 02 30"x48" FRONT APPROACH CLEAR AREA
- 03 36"x60" AMBULATORY WC CLEAR AREA
- 04 5'-0" DIAMETER CLEAR FLOOR SPACE
- 05 54"x60" FRONT APPROACH, PULL SIDE DOOR SWING CLEARANCE
- 06 36"x48" FRONT APPROACH, PUSH SIDE DOOR SWING CLEARANCE
- 07 48"x60" LATCH APPROACH, PULL SIDE DOOR SWING CLEARANCE



- KEY NOTES**
- 1 NEW CONSTRUCTION
 - 11 CASHIER (BACK)
 - 12 SINK/SEED BENCH
 - 13 OVAL SEED BENCH (BACKERS)
 - 14 BUS GATE (CONDUIT ONLY) WITH MAN/MANUATOR AND SPEAKER
 - 15 ELECTRICAL CABINET (SEE ELECTRICAL DRAWINGS)
 - 16 LED NEXT-TRIP DISPLAY ABOVE WITH STATIC GATE & LETTER PROVIDED AND INSTALLED BY OTHERS
 - 21 TRASH RECEPTACLE
 - 31 EXISTING TO REMAIN
 - 32 TECHNOLOGY COLUMN (PAINT ALL PAINTED SURFACES AND EQUIPMENT - PAINT-GO - DO NOT PAINT UNWANTED EQUIPMENT OR PRE-CASE BACKS)
 - 33 LED NEXT-TRIP DISPLAY ABOVE
 - 34 LED NEXT-TRIP DISPLAY ABOVE
 - 35 ELECTRICAL CABINET
 - 36 ON-A PLATFORM EDGE
 - 37 S.O.P. CABINET
 - 37 VALIDATOR
 - 38 T.M.
 - 39 EMERGENCY TELEPHONE
 - 310 PAY TELEPHONE

FLOOR PLAN - GROUND - AREA D
 sheet of 42/34

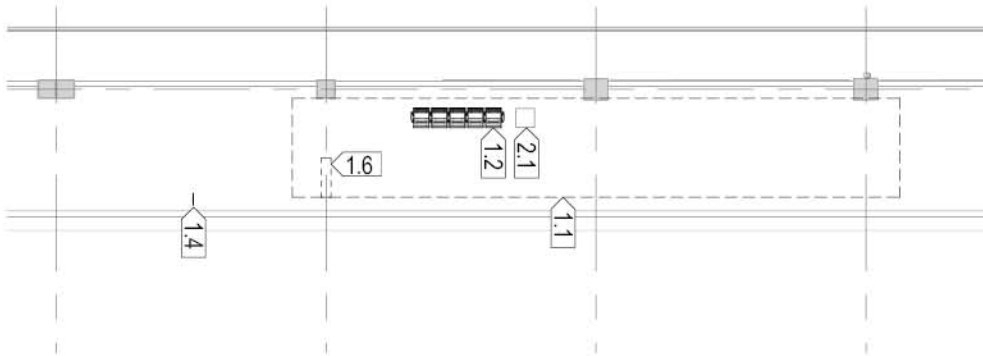


AREA D



XXI KEY NOTES

- 1 NEW CONSTRUCTION
- 1.1 CANOPY (ABOVE)
- 1.2 SINGLE-SIDED BENCH
- 1.3 DUAL-SIDED BENCH (BACKLESS)
- 1.4 BUS GATE LOADING ZONE SIGN w/ANNUNCIATOR AND SPEAKER
- 1.5 ELECTRICAL CABINET (SEE ELECTRICAL DRAWINGS)
- 1.6 LED NEXTRIP DISPLAY ABOVE WITH STATIC GATE ID LETTER
- 2 PROVIDED AND INSTALLED BY OTHERS
- 2.1 TRASH RECEPTICAL



AREA D - TYPICAL BUS GATE