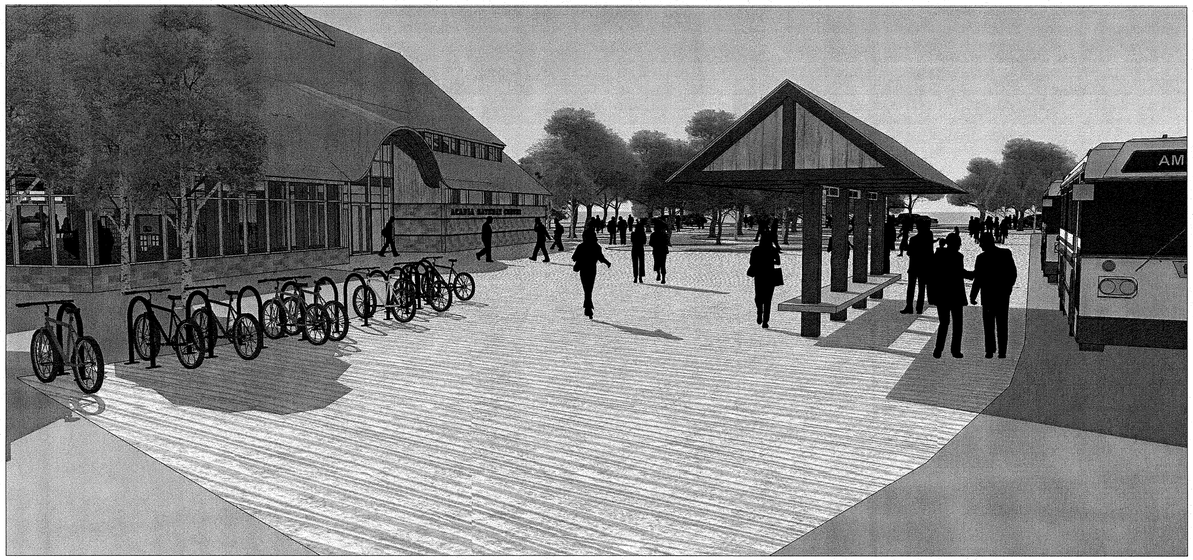


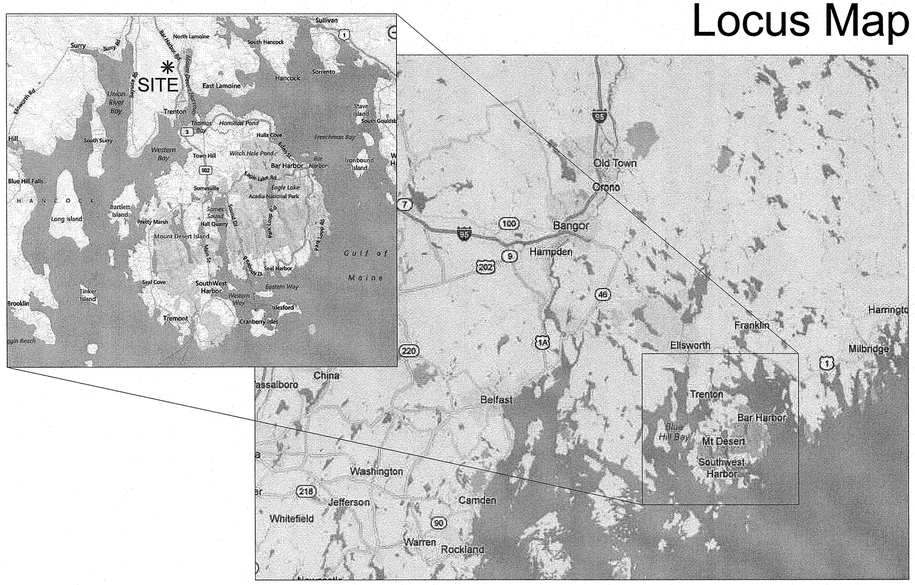
ACADIA GATEWAY CENTER

INTERMODAL AND WELCOME CENTER

Route 3 Trenton, ME 04605

WIN NO: 017163.03
100% SUBMISSION
JANUARY 17, 2022

Locus Map



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE APPROVED:

COMMISSIONER: 11-8-22

CHIEF ENGINEER: 11-7-2022

PROJECT TEAM

OWNER: **State of Maine**
Department of Transportation
16 State House Station
Augusta, ME 04333

ARCHITECT: **AECOM Technical Services, Inc.**
1 Federal Street, 8th Floor
Boston, MA 02110

CIVIL ENGINEERING: **Gorrill Palmer Consulting Engineers**
707 Sable Oaks Drive #30
South Portland, ME 04106

MEP/FP ENGINEERING: **Allied Engineering**
160 Veranda Street
Portland, ME 04103

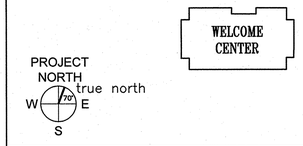
LANDSCAPE ARCHITECTURE: **Coplon Associates**
112 Cottage Street
Bar Harbor, ME 04106

CODE CONSULTING: **Code Red Consultants**
154 Turnpike Road, Suite 200
Southborough, MA 01772

GEOTHERMAL ENGINEERING: **WellSpring Geothermal**
161 Mountain Road
Nottingham, NH 03290

ARCHITECTURAL SPECIFICATIONS: **Kalin Associates**
21 Eliot Street
Natick, MA 01760

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

SIGNATURE	Kayla Wengler
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

COVER SHEET

SHEET NUMBER
GA000

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\GA000.dwg Nov 02, 2022 - 7:25pm

DRAWING INDEX

GENERAL

GA000	COVER
GA001	DRAWING INDEX

CIVIL

C001	SITE COVER SHEET
C002	SITE GENERAL NOTES AND LEGEND
C100	OVERALL CIVIL SITE PLAN
C102	CIVIL SITE PLAN – EAST
C103	CIVIL SITE PLAN – WEST
C201	OVERALL UTILITY PLAN
C202	UTILITY PLAN – EAST
C203	UTILITY PLAN – WEST
C301	OVERALL GRADING PLAN
C302	GRADING PLAN – EAST
C303	GRADING & DRAINAGE PLAN – WEST
C304	DRAINAGE PLAN – EAST
C305	BUS LOOP PLAN AND PROFILE
C307	SANITARY SEWER AND WATER PROFILE
C308	STORM DRAIN PROFILES – 1
C309	STORM DRAIN PROFILES – 2
C401	SITE DETAILS
C402	UTILITY DETAILS
C403	UTILITY DETAILS
C404	UTILITY DETAILS
C405	GRASSED UNDERDRAINED SOIL FILTER PLAN AND DETAILS
C406	WET POND PLAN AND DETAILS
C501	ROUTE 3 FLASHING BEACON PLAN

GEOTHERMAL

G001	GEOTHERMAL EARTH COUPLING
G002	GEOTHERMAL DETAILS
G003	GEOTHERMAL GSHX SITE LAYOUT
G004	GEOTHERMAL TESTING METHODS

LANDSCAPE

L101	PLAZA MATERIALS PLAN
L102	PLAZA LAYOUT PLAN
L103	PLAZA PAVING LAYOUT PLAN
L104	PLAZA GRADING PLAN
L201	SITE LOAM DEPTH PLAN
L202	SITE TREE PLANTING PLAN
L203	PARKING LOT PLANTING PLAN
L204	PLAZA PLANTING PLAN
L205	PLANTING ENLARGEMENTS
L206	PLANTING NOTES, DETAILS & SCHEDULE
L301	SITE DETAILS
L302	SITE DETAILS
L303	SITE SECTIONS
I101	IRRIGATION PLAN
I102	IRRIGATION PLAN
I201	IRRIGATION DETAILS

ARCHITECTURAL

A001	SYMBOLS AND ABBREVIATIONS
A002	ARCHITECTURAL NOTES
A003	CODE SHEET AND FIRE RATING PARTITION PLANS
A004	CODE SHEET AND FIRE RATING PARTITION PLANS
A005	TYPICAL MOUNTING HEIGHTS
A101	SITE PLAN
A102	SITE ELEMENTS DETAILS
A103	EV CHARGING ENCLOSURE PLAN AND DETAILS
A201	BASEMENT PLAN
A202	FIRST FLOOR PLAN
A203	MEZZANINE PLAN
A204	ATTIC FLOOR PLAN
A205	ROOF PLAN
A206	FIRST FLOOR FURNITURE PLAN
A210	BUS CANOPY AND INFORMATION KIOSKS
A301	EXTERIOR ELEVATIONS I
A301a	EXTERIOR ELEVATIONS I GEOMETRY
A302	EXTERIOR ELEVATIONS II
A310	BUILDING SECTIONS I
A311	BUILDING SECTIONS II
A312	BUILDING SECTIONS III
A401	WALL SECTIONS I
A402	WALL SECTIONS II
A403	WALL SECTIONS III
A404	WALL SECTIONS IV
A405	WALL SECTIONS V
A406	WALL SECTIONS VI
A510	STAIR 1 – FLOOR PLANS
A511	STAIR 1 – SECTIONS I
A512	STAIR 1 – SECTIONS II
A517	STAIR 1 – SHAFT DETAILS
A518	STAIR 1 – DETAILS I
A519	STAIR 1 – DETAILS II
A520	STAIR 1 – DETAILS III
A521	STAIR 1 – DETAILS IV
A601	BASEMENT REFLECTED CEILING PLAN
A602	FIRST FLOOR REFLECTED CEILING PLAN
A603	MEZZANINE REFLECTED CEILING PLAN
A604	REFLECTED CEILING DETAILS I
A605	REFLECTED CEILING DETAILS II
A611	BASEMENT FINISH FLOOR PLAN
A612	FIRST FLOOR FINISH FLOOR PLAN
A613	MEZZANINE FINISH FLOOR PLAN
A614	FINISH SCHEDULE
A701	ENLARGED PLANS I
A702	ENLARGED PLANS II
A703	ENLARGED PLANS III
A710	ROOM ELEVATIONS I
A711	ROOM ELEVATIONS II
A712	ROOM ELEVATIONS III
A714	ROOM ELEVATIONS V
A715	ROOM ELEVATIONS VI
A720	MILLWORK I
A721	MILLWORK II
A722	MILLWORK III
A723	MILLWORK IV
A724	MILLWORK V
A725	MILLWORK VI
A726	MILLWORK VII
A727	MILLWORK VIII
A728	MILLWORK IX
A801	ROOM FINISH SCHEDULE
A802	DOOR AND LOUVER SCHEDULES
A803	DOOR, DOOR FRAME AND LOUVER ELEVATIONS
A804	DOOR DETAILS I
A805	DOOR DETAILS II
A806	DOOR DETAILS III
A807	LOUVER AND HATCH DETAILS
A810	PLAN DETAILS I
A811	PLAN DETAILS II
A812	PLAN DETAILS III
A813	PLAN DETAILS IV
A814	PLAN DETAILS V
A815	PLAN DETAILS VI
A816	SECTION DETAILS I
A817	SECTION DETAILS II
A820	CURTAINWALL ELEVATIONS I
A821	CURTAINWALL ELEVATIONS II
A822	CURTAINWALL ELEVATIONS III
A823	CURTAINWALL ELEVATIONS IV
A824	STEEL STOREFRONT DETAILS
A825	STEEL STOREFRONT DETAILS
A830	PARTITION TYPES I
A831	PARTITION TYPES II AND DETAILS
A832	MISCELLANEOUS DETAILS
A840	SKYLIGHT DETAILS
A841	ROOF DETAILS I
A842	ROOF DETAILS II
A843	ROOF DETAILS III

STRUCTURAL

S000	STRUCTURAL – GENERAL INFORMATION
S001	STRUCTURAL – TYPICAL DETAILS
SB100	STRUCTURAL – FOUNDATION PLAN
SB500	STRUCTURAL – FOUNDATION DETAILS
SF100	STRUCTURAL – FIRST FLOOR FRAMING PLAN
SF101	STRUCTURAL – MEZZANINE FRAMING PLAN
SF102	STRUCTURAL – MISCELLANEOUS FRAMING PLANS
SF103	STRUCTURAL – ROOF FRAMING PLAN
SF104	STRUCTURAL – ROOF LOADING PLAN
SF200	STRUCTURAL – FRAMING ELEVATIONS
SF201	STRUCTURAL – FRAMING ELEVATIONS
SF202	STRUCTURAL – FRAMING ELEVATIONS
SF500	STRUCTURAL – DETAILS
SF501	STRUCTURAL – DETAILS
SF502	STRUCTURAL – DETAILS
SF503	STRUCTURAL – DETAILS
SF510	STRUCTURAL – TIMBER FRAME CONNECTION DETAILS
SF511	STRUCTURAL – TIMBER FRAME CONNECTION DETAILS
SF512	STRUCTURAL – TIMBER FRAME CONNECTION DETAILS
SF600	STRUCTURAL – BUS SHELTER FRAMING PLANS AND DETAILS
SF601	STRUCTURAL – INFO KIOSK FRAMING PLANS AND DETAILS
SF602	STRUCTURAL – EV CHARGING ENCLOSURE FRAMING PLANS AND DETAILS

FIRE PROTECTION

FX001	FIRE SPRINKLER PLAN – NOTES AND DETAILS
FX100	FIRE SPRINKLER PLAN – BASEMENT FLOOR
FX101	FIRE SPRINKLER PLAN – FIRST FLOOR
FX102	FIRE SPRINKLER PLAN – MEZZANINE

PLUMBING

PL000	PLUMBING & HVAC NOTES, LEGEND & ABBREVIATIONS
PL100	PLUMBING PLAN – BASEMENT – BELOW SLAB
PL101	PLUMBING PART PLANS – BASEMENT
PL102	PLUMBING PLAN – FIRST FLOOR
PL103	ENLARGED PLUMBING PART PLANS – FIRST FLOOR
PL104	PLUMBING PLAN – MEZZANINE
PL600	PLUMBING SCHEDULES

MECHANICAL

MH100	MECHANICAL PLAN – BASEMENT
MP100	MECHANICAL PIPING PLAN – BASEMENT
MH101	MECHANICAL PLAN – 1ST FLOOR
MP101	MECHANICAL PIPING PLAN – 1ST FLOOR
MH102	MECHANICAL PLAN – 2ND FLOOR
MP102	MECHANICAL PIPING PLAN – 2ND FLOOR
MH103	MECHANICAL PLAN – 2ND FLOOR
MH600	MECHANICAL SCHEDULES
MH601	MECHANICAL SCHEDULES

ELECTRICAL

E000	ELECTRICAL ABBREVIATIONS, LEGENDS & GENERAL NOTES
ES100	ELECTRICAL SITE PLAN – PART PLAN WEST
ES101	ELECTRICAL SITE PLAN – PART PLAN WEST
ES102	ENLARGED PART SITE PLAN – ELECTRICAL SITE DETAILS
EL100	BASEMENT – LIGHTING PLAN
EL101	FIRST FLOOR VISITOR CENTER – LIGHTING PLAN
EL102	MEZZANINE VISITOR CENTER – LIGHTING PLAN
EL600	LUMINAIRE SCHEDULES
EP100	BASEMENT – POWER PLAN
EP101	FIRST FLOOR VISITOR CENTER – POWER PLAN
EP102	MEZZANINE VISITOR CENTER– POWER PLAN
EP500	POWER RISER DIAGRAM
EP600	ELECTRICAL SCHEDULES
EP601	ELECTRICAL SCHEDULES
EP602	ELECTRICAL SCHEDULES
EP603	ELECTRICAL SCHEDULES
EY100	BASEMENT – SYSTEMS PLAN
EY101	FIRST FLOOR VISITOR CENTER – SYSTEMS PLAN
EY102	MEZZANINE VISITOR CENTER – SYSTEMS PLAN
LP100	LIGHTNING PROTECTION PLAN AND DETAILS

PHOTOVOLTAIC

PV100	ELECTRICAL ABBREVIATIONS, LEGENDS & GENERAL NOTES

SIGNAGE

SG101	SYMBOLS, TYPOGRAPHY, AND PAINT FINISHES
SG102	SIGNAGE MESSAGE SCHEDULE PART 1
SG103	SIGNAGE MESSAGE SCHEDULE PART 2
SG104	SIGNAGE MESSAGE SCHEDULE PART 3
SG105	SIGNAGE MESSAGE SCHEDULE PART 4
SG106	EXTERIOR SIGNAGE LOCATION PLAN
SG107	EXTERIOR SIGNAGE DETAIL I – GATEWAY AND WELCOME SIGNS
SG108	EXTERIOR SIGNAGE DETAIL II – BUILDING, BUS SHELTER, KIOSKS
SG109	EXTERIOR SIGNAGE DETAIL III – BUILDING & INFO CENTER
SG110	EXTERIOR SIGNAGE DETAIL IV – PARKING AREA
SG111	EXTERIOR SIGNAGE DETAIL V – PARKING AREA
SG112	EXTERIOR SIGNAGE DETAIL VI – HIGHWAY
SG113	EXTERIOR SIGNAGE DETAIL VII – REGULATORY & PARKING ID
SG114	EXTERIOR SIGNAGE DETAIL VIII – PARKING ID
SG115	EXTERIOR SIGNAGE DETAIL IX – PARKING ID
SG116	INTERIOR SIGNAGE PLAN I – BASEMENT LEVEL
SG117	INTERIOR SIGNAGE PLAN II – FIRST FLOOR
SG118	INTERIOR SIGNAGE PLAN III – MEZZANINE LEVEL
SG119	INTERIOR SIGNAGE DETAIL I – OVERHEAD IDENTIFICATION
SG120	INTERIOR SIGNAGE DETAIL II – ROOM ID
SG121	INTERIOR SIGNAGE DETAIL III – ROOM ID
SG122	INTERIOR SIGNAGE DETAIL IV – ACOUSTIC BANNERS

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

DRAWING INDEX

SHEET NUMBER
GA001

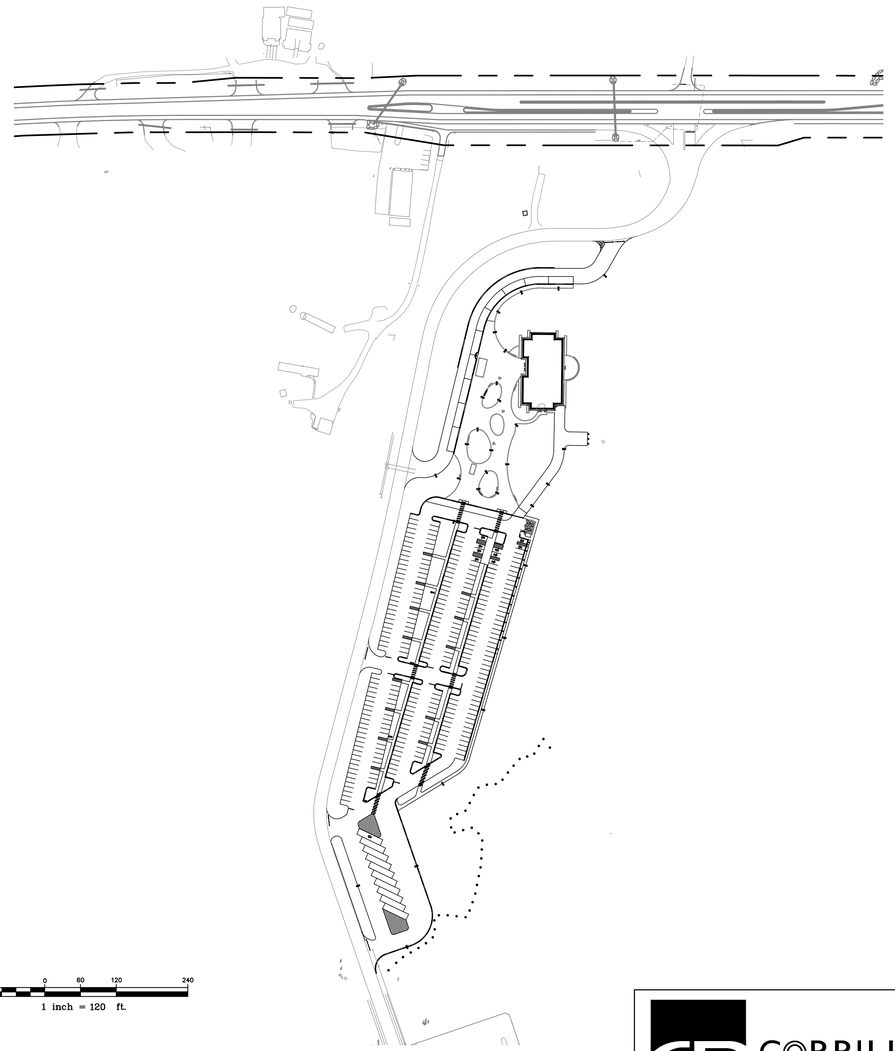
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\GA001.dwg Oct 30, 2022 - 7:13pm

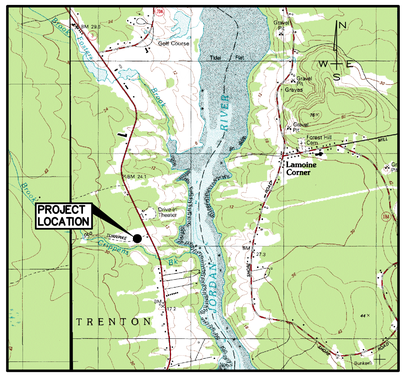
ACADIA GATEWAY CENTER
TRENTON, MAINE
HANCOCK COUNTY

JANUARY 17, 2022

INDEX OF SHEETS

C001 – COVER SHEET
C002 – SITE GENERAL NOTES AND LEGEND
C100 – OVERALL CIVIL SITE PLAN
C102 – CIVIL SITE PLAN – EAST
C103 – CIVIL SITE PLAN – WEST
C201 – OVERALL UTILITY PLAN
C202 – UTILITY PLAN – EAST
C203 – UTILITY PLAN – WEST
C301 – OVERALL GRADING PLAN
C302 – GRADING PLAN – EAST
C303 – GRADING & DRAINAGE PLAN – WEST
C304 – DRAINAGE PLAN – EAST
C305 – BUS LOOP PLAN
C307 – SANITARY SEWER AND WATER PROFILE
C308 – STORM DRAIN PROFILES – 1
C309 – STORM DRAIN PROFILES – 2
C401 – SITE DETAILS
C402 – UTILITY DETAILS
C403 – UTILITY DETAILS
C404 – UTILITY DETAILS
C405 – GRASSED UNDERDRAINED SOIL FILTER PLAN AND DETAILS
C406 – WET POND PLAN AND DETAILS
C501 – ROUTE 3 SIGNAL PLAN





LOCATION MAP

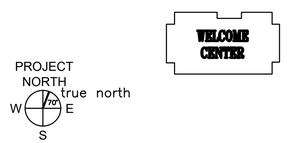
A PORTION OF HANCOCK COUNTY

120 0 60 120 240
1 inch = 120 ft.

NOTE:
ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE GOVERNED BY AND BE IN CONFORMITY WITH THE MAINEDOT STANDARD SPECIFICATIONS (REVISION OF MARCH 2020) AND THE PROJECT SPECIFICATIONS. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS, THE STRICTER REQUIREMENT SHALL APPLY. ALL WORK SHALL ALSO COMPLY WITH THE MAINEDOT STANDARD DETAILS (REVISION OF MARCH 2020) EXCEPT AS MODIFIED BY THE PLANS, PROJECT SPECIFICATIONS AND ANY AND ALL CORRECTIONS, REVISIONS OR ADDITIONS ISSUED BY MAINEDOT.

NOTE:
* MAINTENANCE OF TRAFFIC PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD 2009 EDITION).
* CONTRACTOR SHALL USE THE B.M.P. (BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL) AS A MINIMUM STANDARD.

PROJECT KEY PLAN



GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

DOUGLAS ARNOLD REYNOLDS
10/31/22
LICENSED PROFESSIONAL ENGINEER

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE COVER SHEET

SHEET NUMBER
C001

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-COVER.dwg Oct 31, 2022 - 10:10am

GENERAL NOTES

GENERAL NOTES

1. TOPOGRAPHIC DATA AND EXISTING CONDITIONS WAS PREPARED BY MAINE DOT.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR THE ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3. MAINTENANCE OF EROSION CONTROL MEASURES IS OF PARAMOUNT IMPORTANCE TO THE OWNER AND THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTIONS OF THE OWNER OR THEIR REPRESENTATIVES AT NO ADDITIONAL COST TO THE OWNER.
4. ALL MATERIAL SCHEDULES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIAL SCHEDULES BASED UPON HIS PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.
5. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, AND/OR THE PROJECT SPECIFICATIONS.
6. WETLAND LOCATIONS SHOWN ON THIS PLAN WERE PROVIDED BY MAINE DOT.

PERMITTING NOTES

1. THIS PROJECT IS SUBJECT TO THE TERMS AND CONDITIONS OF A SITE LOCATION OF DEVELOPMENT ACT – CONDITION COMPLIANCE FROM MAINE DEPARTMENT OF ENVIROMENTAL PROTECTION.
2. THE CONTRACTOR SHALL REVIEW THE ABOVE REFERENCED PERMITS PRIOR TO SUBMITTING A BID FOR THIS PROJECT, AND INCLUDE COSTS AS NECESSARY TO COMPLY WITH THE CONDITIONS OF THESE PERMITS.

LAYOUT NOTES

1. ALL DIMENSIONING, UNLESS NOTED OTHERWISE, IS TO THE FACE OF CURB.
2. OFFSETS TO CATCH BASINS AND MANHOLES ARE TO THE CENTER OF THE FRAME.
3. PIPE LENGTH EQUALS THE CENTER TO CENTER DISTANCES BETWEEN CATCH BASINS AND/OR MANHOLES MINUS ONE-HALF OF THE DIAMETER OF EACH CATCH BASIN OR MANHOLE.
4. PROPERTY LINE AND R.O.W. MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE, BY A MAINE LICENSED LAND SURVEYOR.
5. PROPOSED RIGHT OF WAY MONUMENTS AND PROPERTY LINE PINS SHALL BE INSTALLED UNDER THE DIRECTION OF A MAINE LICENSED LAND SURVEYOR.
6. CURB RADII UNLESS OTHERWISE NOTED ON THE PLAN SHALL BE A MINIMUM OF 5'.

UTILITY NOTES

1. ALL WATER UTILITY MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO PROJECT SPECIFICATIONS DISINFECTION OF WATER LINES SHALL CONFORM TO AWWA STANDARD C651, LATEST REVISION.
2. THE LOCATION OF THE PROPOSED UNDERGROUND ELECTRICAL SERVICE IS APPROXIMATE AND THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION WITH VERSANT POWER.
3. TEST PITS AT ALL UTILITY CROSSINGS SHALL BE COMPLETED TWO WEEKS IN ADVANCE OF THE START OF CONSTRUCTION OR ORDERING OF MATERIALS. TEST PIT INFORMATION SHALL BE PROMPTLY PROVIDED TO ENGINEER FOR REVIEW.

GRADING AND DRAINAGE NOTES

1. UNLESS OTHERWISE NOTED, ALL STORM DRAIN PIPE SHALL BE IN ACCORDANCE WITH MAINE DOT SPECIFICATIONS SECTION 603-- PIPE CULVERTS AND STORM DRAINS, LATEST REVISION WITH THE EXCEPTION THAT THE ONLY ACCEPTABLE TYPES OF PIPE ARE AS FOLLOWS:

   REINFORCED CONCRETE PIPE, CLASS III
   POLYVINYL-CHLORIDE (PVC) PIPE
   SMOOTH BORE POLYETHYLENE – ADS OR HANCOR
2. TOPSOIL STRIPPED IN AREAS OF CONSTRUCTION THAT IS SUITABLE FOR REUSE AS LOAM SHALL BE STOCKPILED ON SITE AT A LOCATION TO BE DESIGNATED BY THE OWNER. UNSUITABLE SOIL SHALL BE SEPARATED, REMOVED AND DISPOSED OF AT AN APPROVED DISPOSAL LOCATION OFF SITE.
3. THE CONTRACTOR SHALL ANTICIPATE THAT GROUNDWATER WILL BE ENCOUNTERED DURING CONSTRUCTION AND SHALL INCLUDE SUFFICIENT COSTS WITHIN THEIR BID TO PROVIDE DEWATERING AS NECESSARY. NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR DEWATERING.

LEGEND

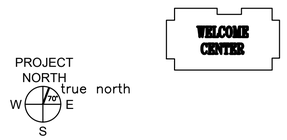
EXISTING	DESCRIPTION	PROPOSED
	BUILDING	
	RIGHT OF WAY	
	PROPERTY LINE	
	BUILDING SETBACK	
	ZONE LINE	
	WETLAND BOUNDARY	
	GUIDE RAIL	
	EDGE OF PAVEMENT	
	EDGE OF GRAVEL DRIVE	
100	GRADING CONTOUR LINE	100
X 226.4	SPOT ELEVATION	+ 100.31
	TREELINE	
	TREES & HEDGES	
	POLE WITH LIGHT FIXTURE(S)	
	UTILITY POLE	
	FREESTANDING SIGN	
	PAINTED DIRECTIONAL TRAFFIC ARROW	
OE	OVERHEAD ELECTRIC/TELEPHONE	OHE/T
UE	UNDERGROUND ELECTRIC/TELEPHONE	UGE/T
W	WATER LINE	8"W
D	STORM DRAIN LINE	18"SD
	CULVERT	18"CULVERT
	HYDRANT	
WV	WATER GATE VALVE	
	WATER SHUT OFF VALVE	
	MANHOLE	
	CATCH BASIN	
	TEST PIT	
	IRON ROD (SET)	
	IRON ROD (FOUND)	
	MONUMENT	
	RIPRAP	
	SILT FENCE – PERIMETER	
	STONE SEDIMENT BARRIER	
x x	FENCE	
N	WELL	

PERMITS

TYPE OF PERMIT	GOVERNING BODY	STATUS
SITE LOCATION OF DEVELOPMENT ACT – CONDITION COMPLIANCE	MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION 106 HOGAN ROAD BANGOR MAINE 04401	RECEIVED

CALL BEFORE YOU DIG
1-888-344-7233

PROJECT KEY PLAN

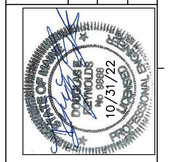


GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE		
FED PIN NO: NA		
WIN NO: 017163.02 & 017163.03		



PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

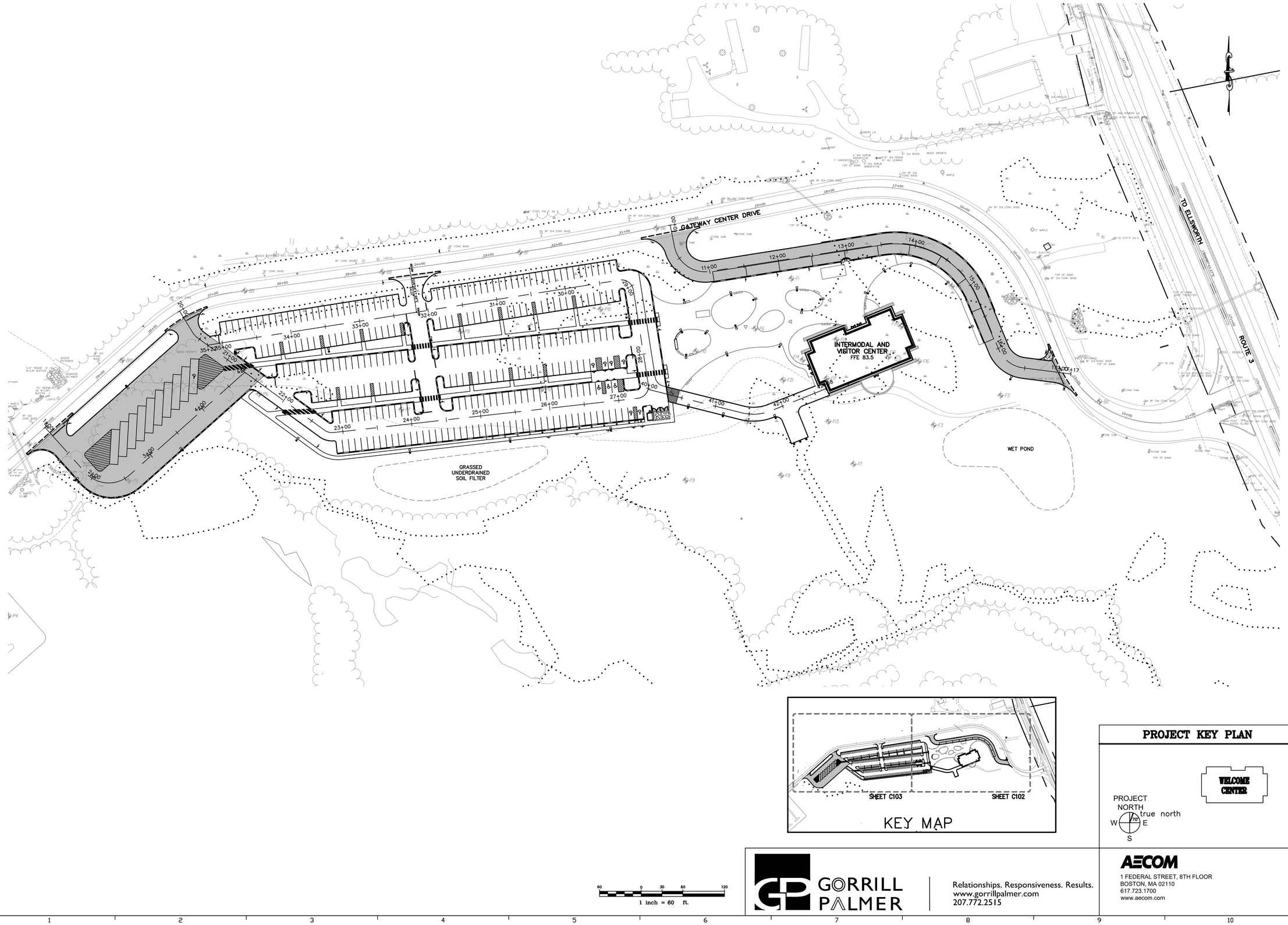
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE GENERAL NOTES AND LEGEND

SHEET NUMBER
C002

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-NOTES.dwg Oct 31, 2022 - 10:10am



PROJECT KEY PLAN

1 inch = 60 ft.

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

DOUGLAS S. ARNOLD — 10/31/22 — LICENSED PROFESSIONAL ENGINEER — STATE OF MAINE

INFORMATION		
–	–	SIGNATURE
–	–	AECOM
–	–	ENG. LIN. NUMBER 6251
–	–	DATE JANUARY 17, 2022

PROJECT	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	–
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

OVERALL CIVIL SITE PLAN

SHEET NUMBER
C100

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-SP.dwg Oct 31, 2022 - 10:10am

BASELINE CURVE TABLE							
CURVE NO.	LENGTH	RADIUS	TANGENT	DELTA	CHORD BEARING	START STATION	END STATION
C-6	68.77	45.00	43.13	87°33'57"	S55°11'28"E	10+31.66	11+00.43
C-7	171.12	128.00	101.09	76°35'54"	S60°40'30"E	13+50.71	15+21.83
C-8	47.45	45.00	26.20	60°25'08"	S52°35'07"E	16+00.68	16+48.13

STA 10+00 BUS LOOP = STA 25+25.56 GATEWAY CENTER ACCESS DRIVE
N: 232,881.43
E: 2,168,097.40

STA 19+00
N: 232906.41
E: 2168220.45

GATEWAY CENTER DRIVE

GATEWAY CENTER ACCESS DRIVE

SAWCUT (TYP.)

BUS LOOP

14'x48' BUS PARKING (TYP.)

4" WIDE WHITE TRAFFIC PAINT (TYP.)

TIPDOWN

MAP DISPLAY, SEE SHEET SG109

BENCH (TYP.)

3 SIDED KIOSK, SEE SHEET SG108

REFER TO SHEET SG101 FOR ADDITIONAL INFORMATION (TYP.)

NOTE: REFER TO SHEET L102 FOR LAYOUT AND SURFACE TREATMENT IN PLAZA AREA

INTERMODAL AND VISITOR CENTER
FFE 83.5

N: 232,764.59
E: 2,168,416.15

RIVER STONE DRIP EDGE (TYP.) SEE L301 FOR DETAIL

EXISTING ROAD

ROUTE 3 TO ELLSWORTH

STA 14+00
N 232,755.13
E 2,168,636.11

ROADSIDE SIGN SEE SIGNAGE SG102

EDGE OF PAVEMENT (TYP.)

WETLAND (TYP.)

STA 17+17 BUS LOOP = STA 13+03.86 GATEWAY CENTER ACCESS DRIVE
N: 232,667.12
E: 2,168,674.59

WET POND

7' TIPDOWNS

BARRIER FREE RAMP (TYP.)

CURBING INCLUDED IN LUMP SUM BID AREA

WELCOME SIGN SEE SIGNAGE SG102

BEAR SAFE TRASH CONTAINER (TYP.)

FLUSH VERTICAL GRANITE CURB

PAVER OVER PAVEMENT, SEE L301

10' SWING DOORS FOR TRUCK ACCESS

5' SIDE DOOR FOR WHEEL CART ACCESS

6' WIDE BITUMINOUS PAVEMENT

15'x25.5' DUMPSTER PAD WITH 22'X11' ENCLOSURE (SEE LANDSCAPING DRAWINGS FOR ENCLOSURE DETAIL)

ELECTRICAL BUILDING FOR EV CHARGERS (SEE STRUCTURAL DRAWINGS FOR BUILDING DETAIL)

BOLLARD (TYP.)

N: 232,638.90
E: 2,168,325.82

NOTE: ALL ITEMS WITHIN BUILDING AREA SHALL BE PART OF THE BUILDING LUMP SUM WORK INCLUDING THE TWO FEET OF GRUBBING REQUIRED BY THE GEOTECHNICAL REPORT AND THE CUSHION FILL UNDER THE SLAB AND FOOTINGS.

APPROVED EXCAVATION AND FILL BELOW THE SLAB AND FOOTING CUSHION FILL WHICH IS ALSO BELOW THE TWO FOOT GRUB DEPTH WILL BE PAID UNDER STRUCTURAL EXCAVATION, AND UNDER STRUCTURAL FILL, SPECIAL FILL, OR CRUSHED STONE AS APPROVED BY THE SITE ENGINEER.

PAVEMENT LEGEND

ALL PAVEMENT SHALL BE STANDARD DUTY EXCEPT AS FOLLOWS:

PORTLAND CEMENT CONCRETE

HEAVY DUTY BITUMINOUS PAVEMNT

CURBING LEGEND

VERTICAL GRANITE CURB

SLOPED GRANITE CURB

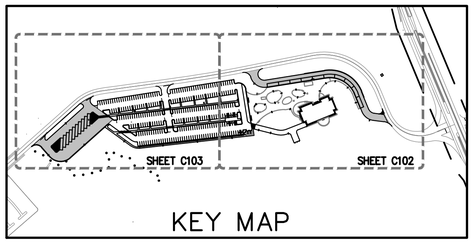
NOTE: ALL TIPDOWNS TO BE 4" UNLESS OTHERWISE NOTED.

STRIPING LEGEND

SIGNAGE, STRIPING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REGARDING SIZE, INSTALLATION, LOCATION & REFLECTIVITY.

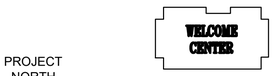
12"SL – 12" WIDTH STOP LINE
4"SWLL – 4" WIDTH SOLID WHITE LANE LINE
4"DYCL – 4" WIDTH DOUBLE YELLOW CENTERLINE
4"DWLL – 4" WIDTH DASHED WHITE LANE LINE

30 0 15 30 60
1 inch = 30 ft.



KEY MAP

PROJECT KEY PLAN



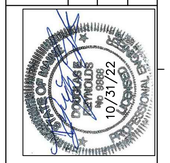
PROJECT NORTH
true north
W E
S

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE		
FED PIN NO: NA		
WIN NO: 017163.02 & 017163.03		



PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

CIVIL SITE PLAN – EAST

SHEET NUMBER
C102

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-SP.dwg Oct 31, 2022 - 10:10am

BASELINE CURVE TABLE							
CURVE NO.	LENGTH	RADIUS	TANGENT	DELTA	CHORD BEARING	START STATION	END STATION
C-1	70.65	45.00	44.97	89°57'28"	S86°45'16"E	1+87.40	2+58.06
C-2	12.72	32.00	6.45	22°46'46"	S42°35'25"E	20+34.97	20+47.69
C-3	13.33	18.00	6.99	42°27'04"	S75°12'20"E	22+72.96	22+86.29
C-4	27.51	17.03	17.81	92°32'56"	N37°17'40"E	27+27.91	27+55.42
C-5	26.70	17.00	17.00	90°00'00"	N53°58'48"W	28+93.66	29+20.37

NOTE: REFER TO SHEET L102 FOR ADDITIONAL INFORMATION ON SURFACE TREATMENTS

STA 1+00 VISITOR CENTER PARKING DRIVE = STA 30+01.53 GATEWAY CENTER ACCESS DRIVE
N: 232590.22
E: 2167196.71

STA 20+00 VISITOR CENTER PARKING DRIVE = STA 27+45 GATEWAY CENTER ACCESS DRIVE
N: 232,757.68
E: 2,167,390.69

STA 20+64.55 VISITOR CENTER PARKING DRIVE = STA 35+22 PARKING LOT
N: 232708.55
E: 2167431.00

STA 40+00 VISITOR CENTER PARKING DRIVE = STA 24+06.90 GATEWAY CENTER ACCESS DRIVE
N: 232,819.39
E: 2,167,722.02

STA 40+64 VISITOR CENTER PARKING DRIVE = STA 32+16.88 VISITOR CENTER PARKING DRIVE
N: 232,756.12
E: 2,167,732.02

STA 21+30.78 VISITOR CENTER PARKING DRIVE = STA 4+80.65 PARKING LOT
N: 232669.60
E: 2167484.56

STA 27+48.51 PARKING AREA = STA 40+00 DELIVERY DRIVE
N: 232644.86
E: 2168065.60

298 TOTAL SPACES

GATEWAY CENTER ACCESS DRIVE

WOODS ENTRANCE ATV TRAIL

EDGE OF PAVEMENT (TYP.)

SAWCUT (TYP.)

PAINTED ISLAND 4" WHITE STRIPES AT 45°, 2' O.C. (TYP.)

TYPE 5 TO TYPE 1 TRANSITION

TIP DOWN

TIPDOWN

DETECTABLE WARNING (TYP.)

CROSSWALK (TYP.)

WETLAND (TYP.)

BITUMINOUS SIDEWALK

ACCESSIBLE RAMP (TYP.)

4 FUTURE CHARGING PORTS

REFER TO SHEET SG101 FOR ADDITIONAL INFORMATION ON SIGNAGE (TYP.)

CHARGING PORTS EVERY OTHER SPACE, 2.5' FROM FACE OF CURB (TYP. OF 9)

5' WIDE CRUSHED STONE ESPLANADE 4" OF ¾" CRUSHED STONE

5' WIDE BITUMINOUS WALK

GRASSED UNDERDRAINED SOIL FILTER

GRASSED AREA TO BECOME CRUSHED STONE ESPLANADE WITH EVENTUAL ADDITIONAL CHARGERS

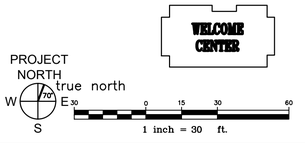
PAVEMENT LEGEND
ALL PAVEMENT SHALL BE STANDARD DUTY EXCEPT AS FOLLOWS:
PORTLAND CEMENT CONCRETE
HEAVY DUTY BITUMINOUS PAVEMNT

CURBING LEGEND
VERTICAL GRANITE CURB
SLOPED GRANITE CURB

NOTE: ALL TIPDOWNS TO BE 4' UNLESS OTHERWISE NOTED.

STRIPING LEGEND
SIGNAGE, STRIPING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REGARDING SIZE, INSTALLATION, LOCATION & REFLECTIVITY.
12"SL – 12" WIDTH STOP LINE
4"SWLL – 4" WIDTH SOLID WHITE LANE LINE
4"DYCL – 4" WIDTH DOUBLE YELLOW CENTERLINE
4"DWLL – 4" WIDTH DASHED WHITE LANE LINE

PROJECT KEY PLAN



GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

DOUGLAS E. REYNOLDS
10/31/22
REGISTERED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

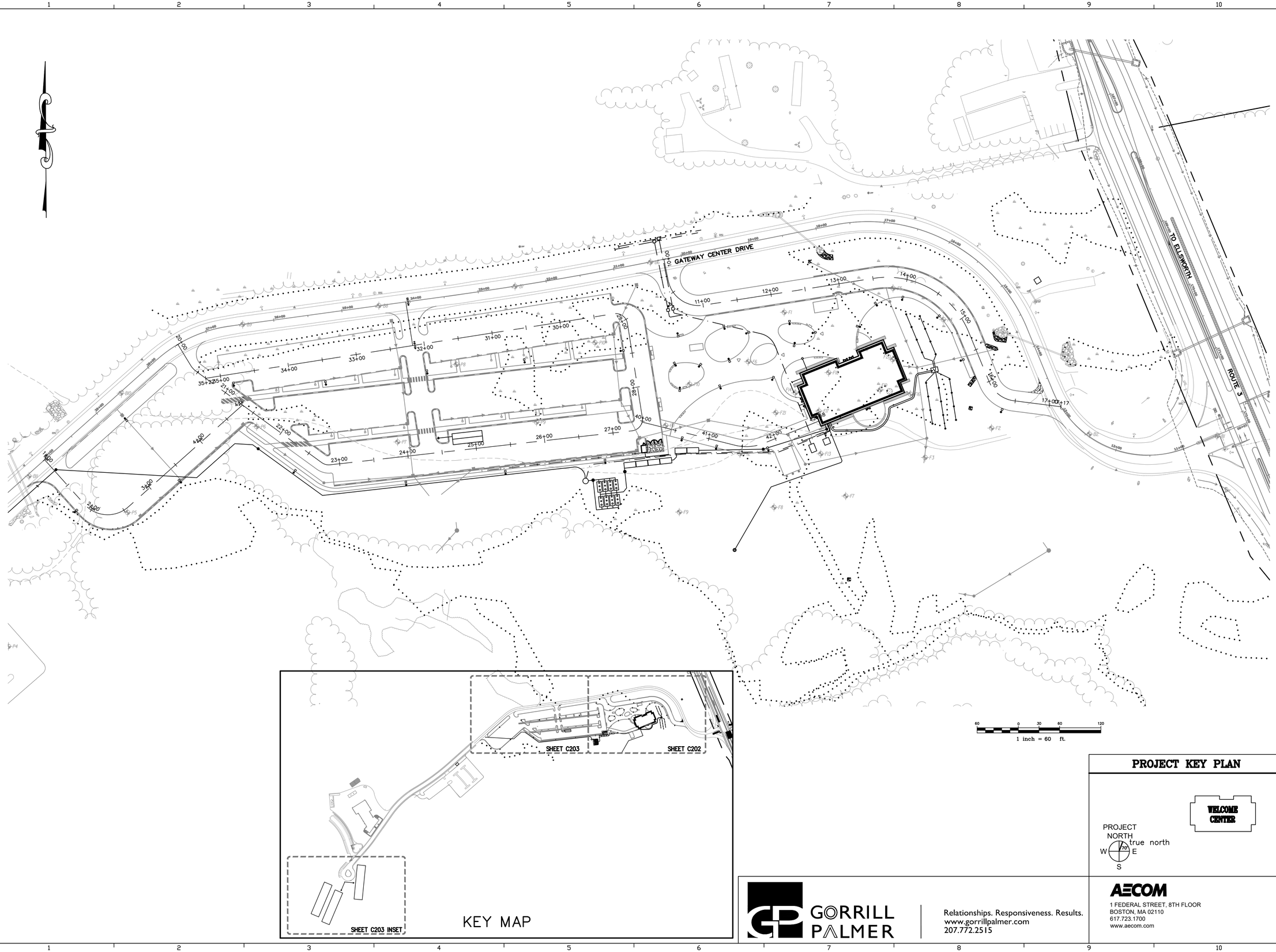
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

CIVIL SITE PLAN – WEST

SHEET NUMBER
C103

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-SP.dwg Oct 31, 2022 - 10:10am



U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-UTIL.dwg Oct 31, 2022 - 10:10am

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

DOUGLAS R. REYNOLDS
10/31/22
PROFESSIONAL ENGINEER

INFORMATION		
PROJECT		
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	AECOM	
CONSULTANT	–	–
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE	–	–

SIGNATURE

ENG. LIN. NUMBER
6251

DATE
JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

OVERALL UTILITY PLAN

SHEET NUMBER
C201

PROJECT KEY PLAN

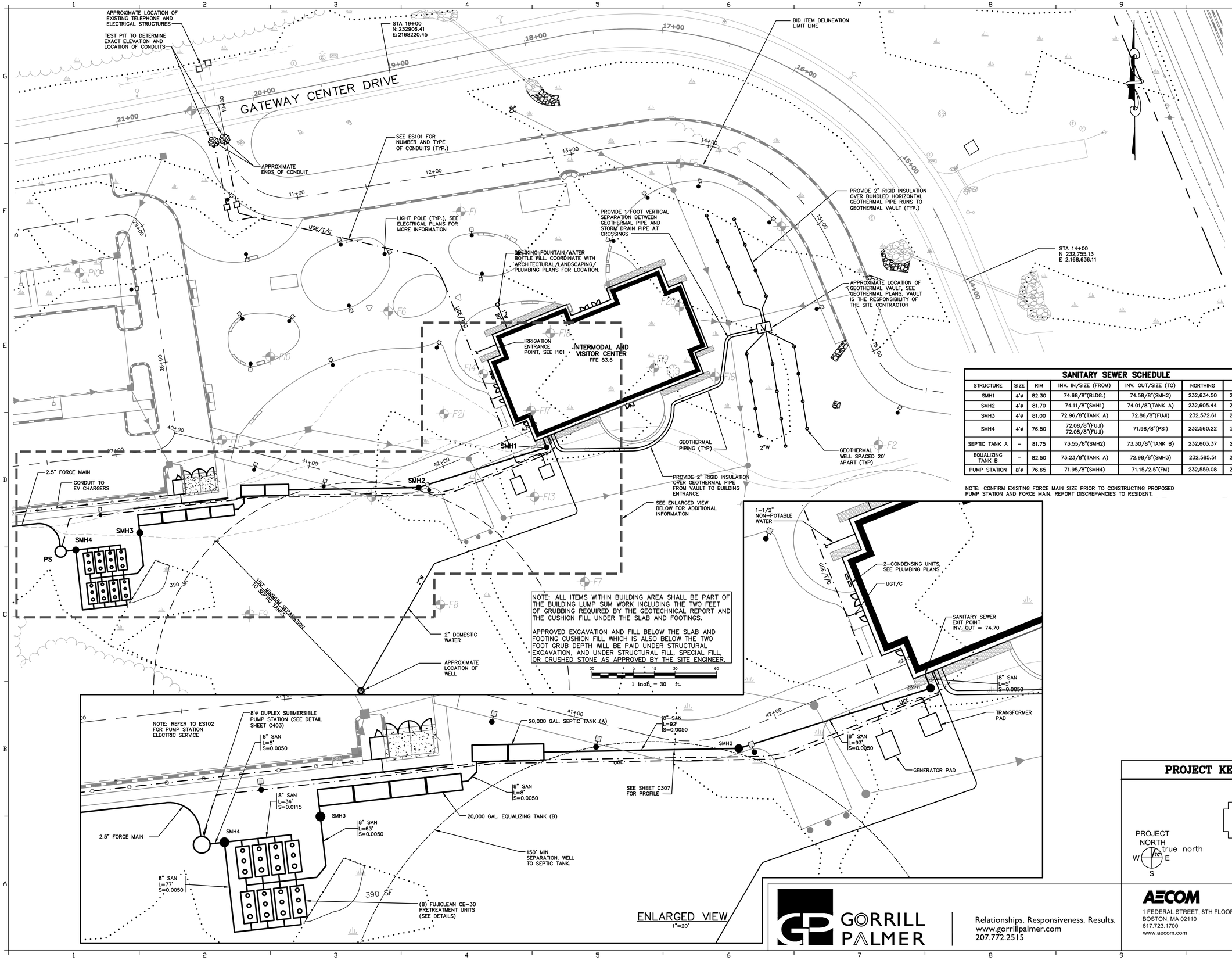
WELCOME CENTER

PROJECT NORTH
true north
W E
S

GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com



SANITARY SEWER SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	NORTHING	EASTING
SMH1	4'ø	82.30	74.68/8"(BLDG.)	74.58/8"(SMH2)	232,634.50	2,168,333.09
SMH2	4'ø	81.70	74.11/8"(SMH1)	74.01/8"(TANK A)	232,605.44	2,168,240.77
SMH3	4'ø	81.00	72.96/8"(TANK A)	72.86/8"(FUJI)	232,572.61	2,168,039.46
SMH4	4'ø	76.50	72.08/8"(FUJI) 72.08/8"(FUJI)	71.98/8"(PSI)	232,560.22	2,167,993.31
SEPTIC TANK A	–	81.75	73.55/8"(SMH2)	73.30/8"(TANK B)	232,603.37	2,168,130.74
EQUALIZING TANK B	–	82.50	73.23/8"(TANK A)	72.98/8"(SMH3)	232,585.51	2,168,073.73
PUMP STATION	8'ø	76.65	71.95/8"(SMH4)	71.15/2.5"(FM)	232,559.08	2,167,983.37

NOTE: CONFIRM EXISTING FORCE MAIN SIZE PRIOR TO CONSTRUCTING PROPOSED PUMP STATION AND FORCE MAIN. REPORT DISCREPANCIES TO RESIDENT.

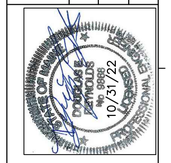
PROJECT KEY PLAN

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	FED PIN NO: NA	WIN NO: 017163.02 & 017163.03



PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

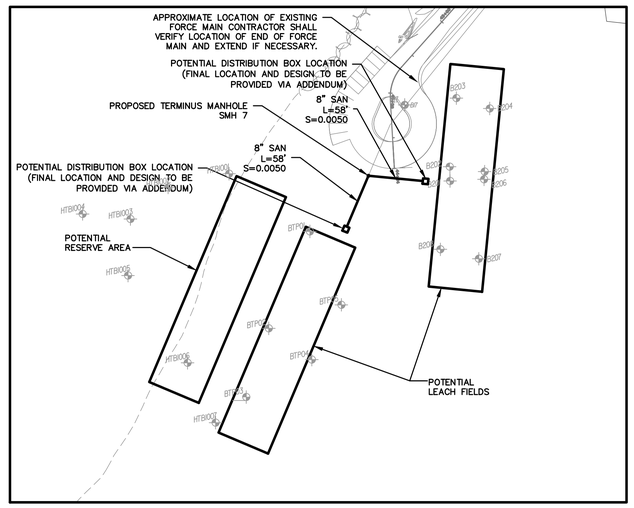
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

UTILITY PLAN – EAST

SHEET NUMBER
C202

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-UTIL.dwg Oct 31, 2022 - 10:10am



LEACH FIELD INSET
1"=80'

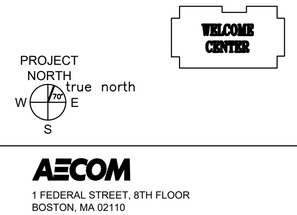
SANITARY SEWER SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	NORTHING	EASTING
SMH5	4'ø	88.00	80.30/2.5"(PS)	80.40/2.5"(SMH6)	232,606.06	2,167,506.35
SMH6	4'ø	92.90	87.70/2.5"(SMH5)	MATCH EXISTING	232,575.64	2,167,213.29
SMH7	4'ø	120.00	114.50/2.5"(SMH6)	114.40/8"(DIST. A) 114.40/8"(DIST. B)	231,523.02	2,166,188.13

NOTE: CONFIRM EXISTING FORCE MAIN SIZE PRIOR TO CONSTRUCTING PROPOSED PUMP STATION AND FORCE MAIN. REPORT DISCREPANCIES TO PROJECT MANAGER.

30 0 15 30 60
1 inch = 30 ft.

PROJECT KEY PLAN



GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS ARNOLD SCHMOLDT 10/31/22 LICENSED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

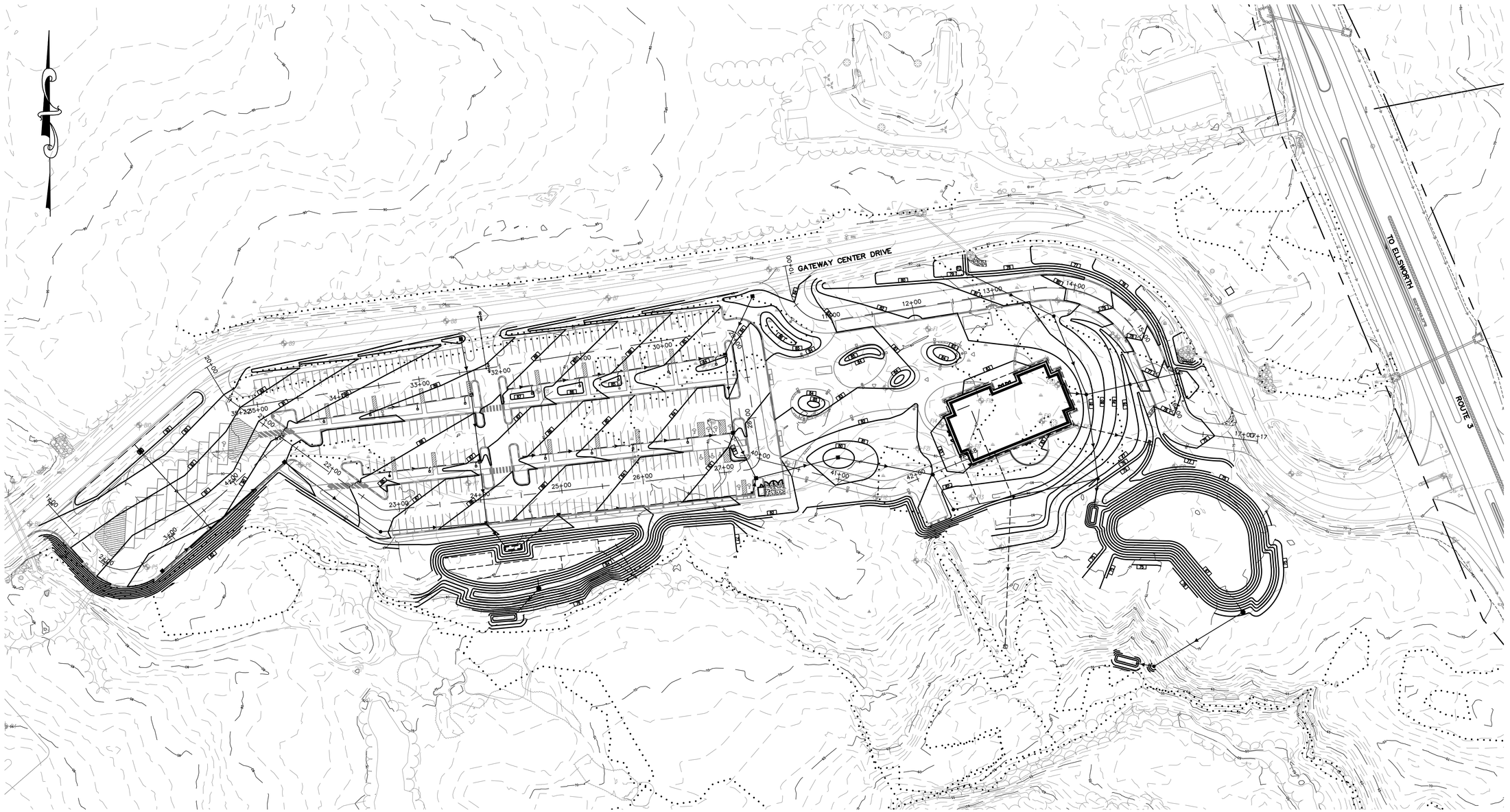
SIGNATURE
ENG. LIN. NUMBER 6251
DATE JANUARY 17, 2022

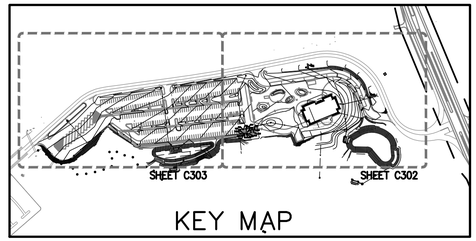
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

UTILITY PLAN - WEST

SHEET NUMBER
C203

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-UTIL.dwg Oct 31, 2022 - 10:10am





KEY MAP

PROJECT KEY PLAN

1 inch = 60 ft.

GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

DOUGLAS E. REYNOLDS — 10/31/22 — LICENSED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

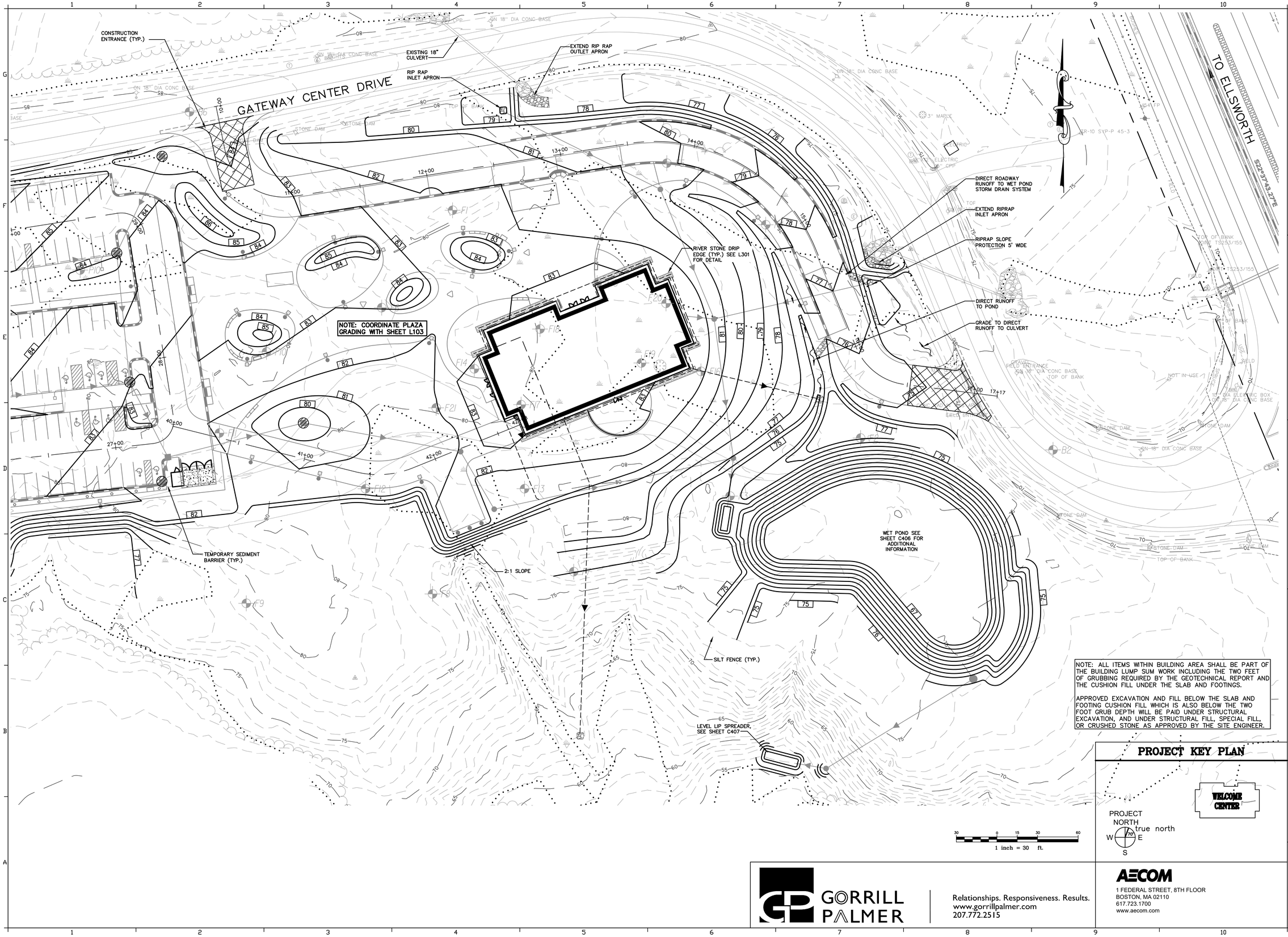
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

OVERALL GRADING PLAN

SHEET NUMBER
C301

U:\18826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\18826-05-GRADE.dwg Oct 31, 2022 - 10:11am



NOTE: ALL ITEMS WITHIN BUILDING AREA SHALL BE PART OF THE BUILDING LUMP SUM WORK INCLUDING THE TWO FEET OF GRUBBING REQUIRED BY THE GEOTECHNICAL REPORT AND THE CUSHION FILL UNDER THE SLAB AND FOOTINGS.

APPROVED EXCAVATION AND FILL BELOW THE SLAB AND FOOTING CUSHION FILL WHICH IS ALSO BELOW THE TWO FOOT GRUB DEPTH WILL BE PAID UNDER STRUCTURAL EXCAVATION, AND UNDER STRUCTURAL FILL, SPECIAL FILL, OR CRUSHED STONE AS APPROVED BY THE SITE ENGINEER.

PROJECT KEY PLAN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS ARTHUR REYNOLDS 10/31/22

SIGNATURE	
ENG. LIN. NUMBER	6251
DATE	JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

GRADING PLAN – EAST

SHEET NUMBER
C302

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-GRADE.dwg Oct 31, 2022 - 10:11am

SEE SHEET L201/L301 FOR RIVERSTONE EDGE AT PARKING LOT ISLANDS

STABILIZED CONSTRUCTION ENTRANCE

THIS PARKING SPACE 1.8% MAX. SLOPE, ALL DIRECTIONS

SIDEWALK MAXIMUM CROSS SLOPE =1.8% MAX. LONGITUDINAL SLOPE=4.8% (TYP. ALL SIDEWALKS)

SIDEWALK MAXIMUM CROSS SLOPE =1.8% MAX. LONGITUDINAL SLOPE=4.8%

SEE INSET BELOW FOR ADDITIONAL INFORMATION

TEMPORARY SEDIMENT BARRIER (TYP.)

12" PERF. SD (HOLES UP) L=117' S=0.0050

2.5:1 SLOPE

12" PERF. SD (HOLES UP) L=74' S=0.0050

2:1 SLOPE

TRANSITION TO 2.5:1 SLOPE

SILT FENCE (TYP.)

15" PERF. SD (HOLES UP) L=126' S=0.0114

GRASSED UNDERDRAINED FILTER, SEE SHEET C405 FOR ADDITIONAL INFORMATION

OUTLET CONTROL STRUCTURE (OSC1)

LEVEL LIP SPREADER, SEE SHEET C406

CAP (TYP.)

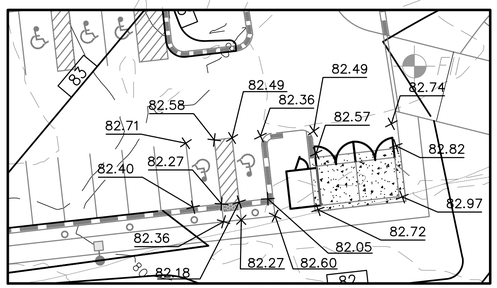
DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	NORTHING	EASTING
CB1	4'ø	89.00		85.00/12"(DMH4)	232,508.46	2,167,336.21
CB2	4'ø	89.00	83.95/12"(DMH4)	83.85/12"(DMH1)	232,641.59	2,167,485.46
CB3	4'ø	85.39	81.60/15"(DMH1) 81.00/12"(CB4) 81.20/6"(UD)	80.90/15"(POND)	232,567.05	2,167,732.52
CB4	4'ø	86.80	82.50/12"(CB5) 83.00/10"(UD)	82.40/12"(CB3)	232,642.52	2,167,724.00
CB5	4'ø	88.40	84.48/12"(CB15) 84.48/12"(UD)	84.38/12"(CB4)	232,723.89	2,167,713.84
CB6	4'ø	82.05	78.50/6"(UD)	77.90/15"(CB12)	232,603.63	2,168,059.27
CB7	4'ø	83.00	79.50/6"(UD) 79.00/12"(CB8)	78.90/15"(CB6)	232,677.45	2,168,033.59
CB8	4'ø	84.00	79.63/12"(CB16) 79.56/6"(UD)	79.46/12"(CB7)	232,772.90	2,168,023.98
CB14	4'ø	91.90	88.40/6"(UD)	87.90/12"(DMH4)	232,654.82	2,167,309.51
CB15	4'ø	88.80	–	84.90/12"(CB5)	232,792.19	2,167,701.09
CB16	4'ø	83.50	–	80.00/12"(CB8)	232,844.44	2,168,057.49
CB17	4'ø	84.50	–	81.00/12"(OUTLET)	232,576.97	2,167,820.50
CB18	TYPE "F"	89,00	–	87.00/10"(UD)	232,690.88	2,167,533.80
CB19	TYPE "F"	88.50	–	86.50/10"(UD)	232,699.32	2,167,590.39
CB20	TYPE "F"	88.00	–	86.00/10"(UD)	232,706.39	2,167,648.24
CB21	TYPE "F"	87.75	–	85.75/10"(UD)	232,713.44	2,167,706.36
CB22	TYPE "F"	86.50	–	84.50/10"(UD)	232,725.50	2,167,788.15
CB23	TYPE "F"	85.70	–	83.70/10"(UD)	232,734.71	2,167,846.38
CB24	TYPE "F"	84.75	–	82.75/10"(UD)	232,742.16	2,167,893.55
CB25	TYPE "F"	84.25	–	82.25/10"(UD)	232,751.85	2,167,954.84
CB26	TYPE "F"	83.50	–	81.50/10"(UD)	232,761.07	2,168,013.18

NOTE: CATCH BASIN OUTLET HOOD (SNOUT) SHALL BE PROVIDED ON ALL STORM DRAIN OUTLET PIPES AT CATCH BASINS

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	NORTHING	EASTING
CB27	TYPE "F"	87.30	–	85.30/10"(UD)	232,624.64	2,167,614.00
CB28	TYPE "F"	87.00	–	85.00/10"(UD)	232,630.15	2,167,662.90
CB29	TYPE "F"	86.30	–	84.30/10"(UD)	232,636.55	2,167,719.66
CB30	TYPE "F"	85.00	–	83.00/10"(UD)	232,646.10	2,167,804.47
CB31	TYPE "F"	84.50	–	82.50/10"(UD)	232,652.51	2,167,861.25
CB32	TYPE "F"	83.70	–	81.70/10"(UD)	232,658.16	2,167,911.41
CB33	TYPE "F"	83.00	–	81.00/10"(UD)	232,665.71	2,167,978.35
DMH1	4'ø	87.30	83.14/12"(CB2)	83.04/15"(CB3)	232,556.44	2,167,602.89
DMH4	4'ø	89.84	84.63/12"(CB1) 84.63/12"(CB14)	84.53/12"(CB2)	232,560.70	2,167,394.78



GRADING INSET
1"=20'

1 inch = 30 ft.

PROJECT KEY PLAN

PROJECT NORTH
true north

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS E. REYNOLDS
10/31/22
REGISTERED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

GRADING AND DRAINAGE PLAN – WEST

SHEET NUMBER
C303

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-GRADE.dwg Oct 31, 2022 - 10:11am

GATEWAY CENTER DRIVE

TO ELLSWORTH

EXISTING 18" CULVERT
INV. IN=77.80

12" SD
L=125'
S=0.0217

12" SD
L=99'
S=0.0201

ROOF LEADERS TO CONNECT TO 12" UD (SEE DETAIL SHEET C402)

NOTE: COORDINATE PLAZA GRADING WITH SHEET L103

RIVER STONE EDGE WITH 12"ø UD

RIVER STONE EDGE DRAIN

RIVER STONE EDGE, SEE L301 (TYP.)

RIVER STONE EDGE

4" FOUNDATION DRAIN

DOUBLE GRATE

ROOF LEADER, COORDINATE WITH ARCHITECT

15" SD
L=58'
S=0.0100

18" SD
L=114'
S=0.0099

15" SD
L=15'
S=0.0100

15" SD
L=108'
S=0.0093

18" SD
L=45'
S=0.0100

CB12

CB13

DMH6

DMH8

DMH3

DMH7

DMH2

DMH9

15" SD
L=115'
S=0.0052

15" SD
L=98'
S=0.0051

4" SD
L=95'
S=0.0050

UPPER FOUNDATION DRAIN OUTLET

RIP RAP INLET APRON
INV. IN=73.60

DIRECT ROAD RUNOFF TO WET POND DITCH

RIPRAP DOWNSPOUT 5' WIDE D50=6", 4" THICK OVER MIRAFI 600X

EXISTING 18" CULVERT

ROOF LEADERS TO CONNECT TO 12" UD (SEE DETAIL SHEET C402)

18" SD
L=176'
S=0.0137

24" SD
L=34'
S=0.0079

INV. OUT=75.00

2'x2' RIPRAP APRON D50=6" 14" THICK OVER MIRAFI 600X

INV. OUT=72.00

CONNECT TO SD WITH WYE CONNECTION INV. = 73.61

4" SD
L=236'
S=0.0050

LOWER FOUNDATION DRAIN OUTLET

INV. OUT=63.90

RODENT CAP

MARK END OF FOUNDATION DRAIN WITH 5' METAL U-POST

2'x2' STONE OUTLET APRON. D50=6", 14" THICK OVER MIRAFI 600X.

24" SD
L=123'
S=0.1065

24" SD
L=20'
S=0.0050

NOTE: ALL ITEMS WITHIN BUILDING AREA SHALL BE PART OF THE BUILDING LUMP SUM WORK INCLUDING THE TWO FEET OF GRUBBING REQUIRED BY THE GEOTECHNICAL REPORT AND THE CUSHION FILL UNDER THE SLAB AND FOOTINGS.

APPROVED EXCAVATION AND FILL BELOW THE SLAB AND FOOTING CUSHION FILL WHICH IS ALSO BELOW THE TWO FOOT GRUB DEPTH WILL BE PAID UNDER STRUCTURAL EXCAVATION, AND UNDER STRUCTURAL FILL, SPECIAL FILL, OR CRUSHED STONE AS APPROVED BY THE SITE ENGINEER.

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)	NORTHING	EASTING
DMH2	4'ø	76.50	72.43/15"(DMH7) 72.80/18"(DMH6)	72.33/24"(POND)	232,628.77	2,168,480.50
DMH3	6'ø	80.50	75.09/12"(INLET)	74.99/12"(DMH7)	232,820.05	2,168,425.69
DMH6	4'ø	81.90	75.86/18"(CB12)	75.76/18"(DMH8)	232,626.39	2,168,278.32
DMH7	4'ø	81.50	73.00/12"(DMH3) 73.00/15"(INLET) 73.00/6"(DRIP)	72.90/15"(DMH2)	232,724.21	2,168,465.44
DMH8	4'ø	81.60	75.31/18"(DMH6)	75.21/18"(DMH2)	232,583.41	2,168,055.31
DMH9	4'ø	60.50	55.50/24"(OCS)	55.10/24"(OUTLET)	232,391.86	2,168,548.12
CB12	4'ø	82.40	78.36/15"(CB7) 78.19/15"(CB6)	78.09/18"(CB13)	232,622.03	2168061.85
CB13	6'ø	79.50	77.09/18"(DMH5)	76.99/18"(DMH6)	232,648.07	2,168,161.56

NOTE: CATCH BASIN OUTLET HOOD (SNOUT) SHALL BE PROVIDED ON ALL STORM DRAIN OUTLET PIPES AT CATCH BASINS

30 0 15 30 60
1 inch = 30 ft.

PROJECT KEY PLAN

WELCOME CENTER

PROJECT NORTH
true north
70°
W E
S

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS E. REYNOLDS
10/31/22
LICENSED PROFESSIONAL ENGINEER

SIGNATURE	
ENG. LIN. NUMBER	6251
DATE	JANUARY 17, 2022

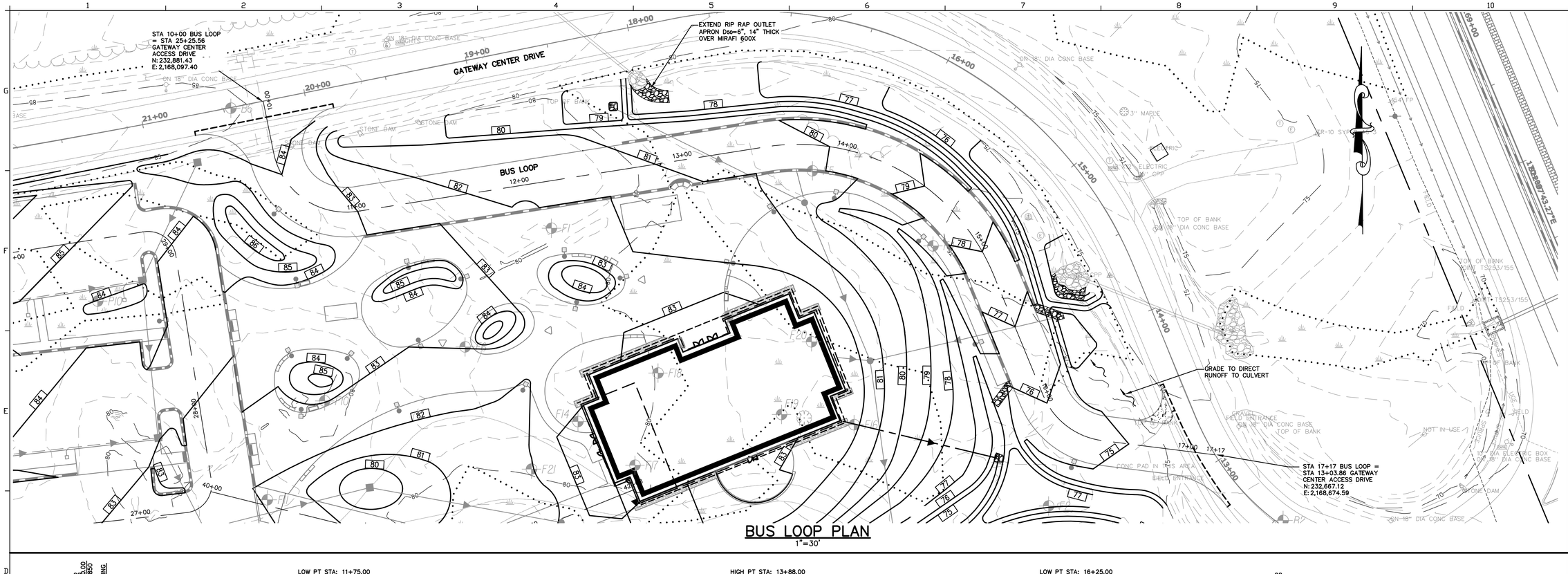
PROJECT INFORMATION		
PROGRAM	–	
PROJECT MANAGER	–	
DESIGNER	AECOM	
CONSULTANT	–	
PROJECT RESIDENT	–	
CONTRACTOR	–	
PROJECT COMPLETION DATE	–	

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

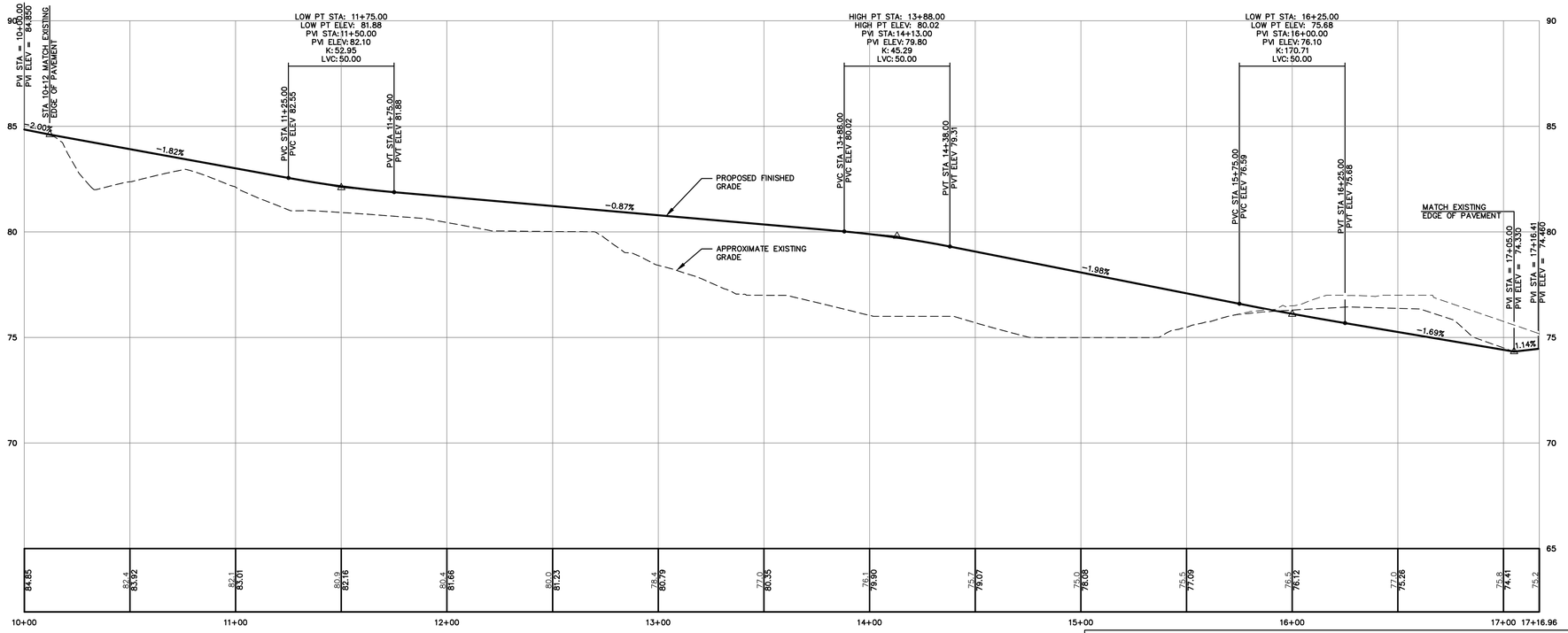
DRAINAGE PLAN – EAST

SHEET NUMBER
C304

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-DRAINAGE.dwg Oct 31, 2022 - 10:11am



BUS LOOP PLAN
1"=30'



BUS LOOP PROFILE
1"=30' HORIZONTAL
1"=3' VERTICAL

1 inch = 30 ft.

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS R. REYNOLDS 10/31/22 LICENSED PROFESSIONAL ENGINEER

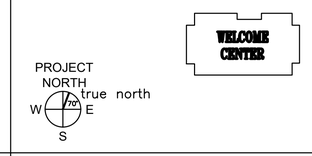
SIGNATURE	
ENG. LIN. NUMBER	6251
DATE	JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

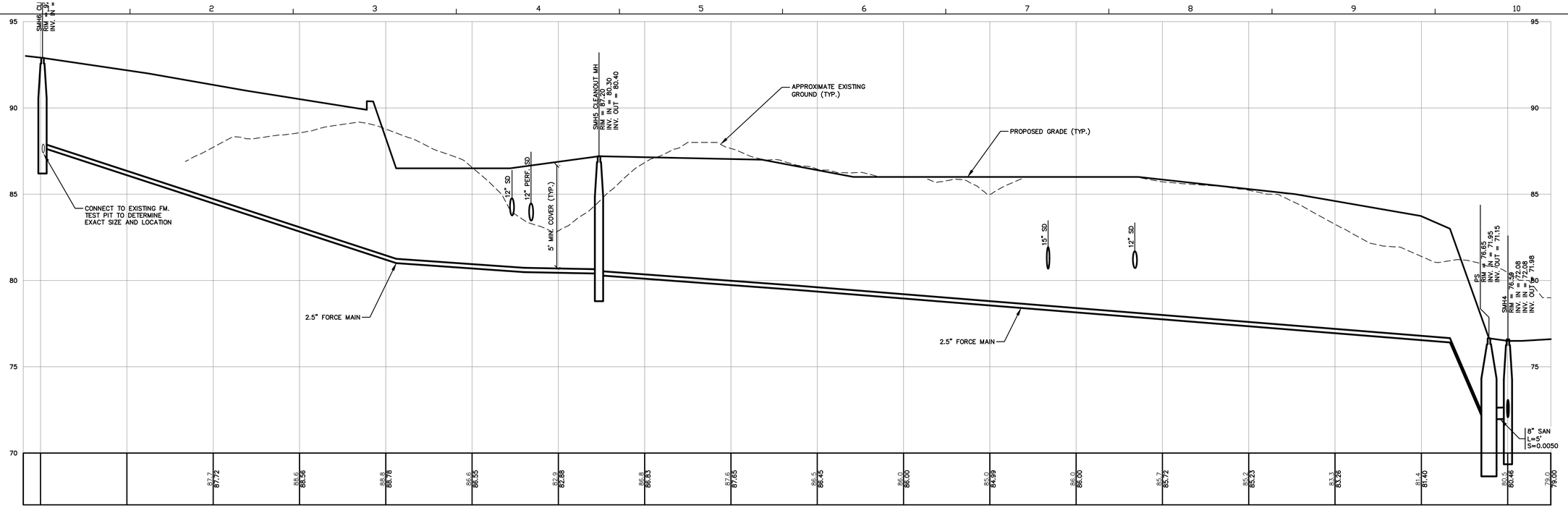
BUS LOOP
PLAN AND PROFILE

PROJECT KEY PLAN



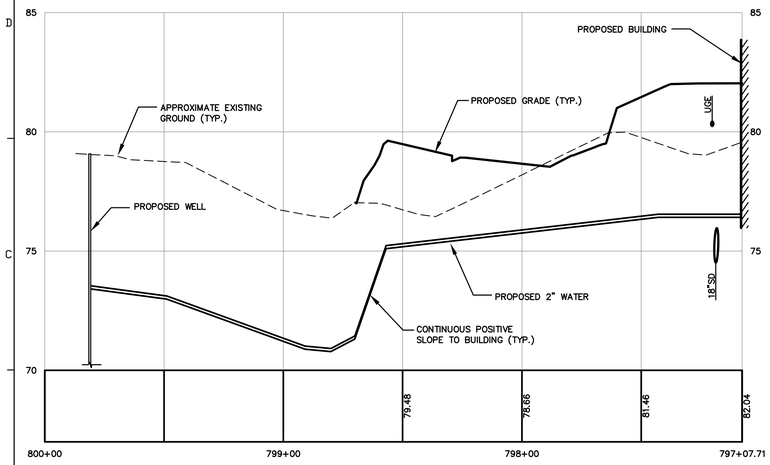
SHEET NUMBER
C305

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-PP.dwg Oct 31, 2022 - 10:11am



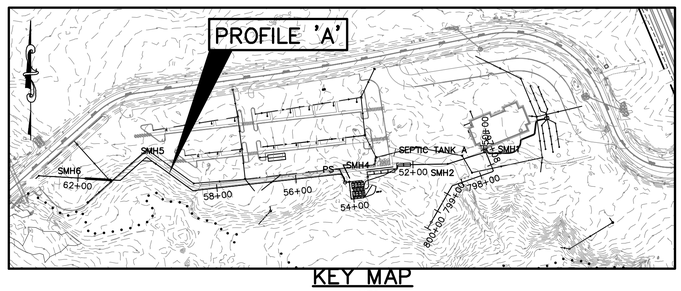
SANITARY SEWER PROFILE 'A'

1"=30' HORIZONTAL
1"=3' VERTICAL



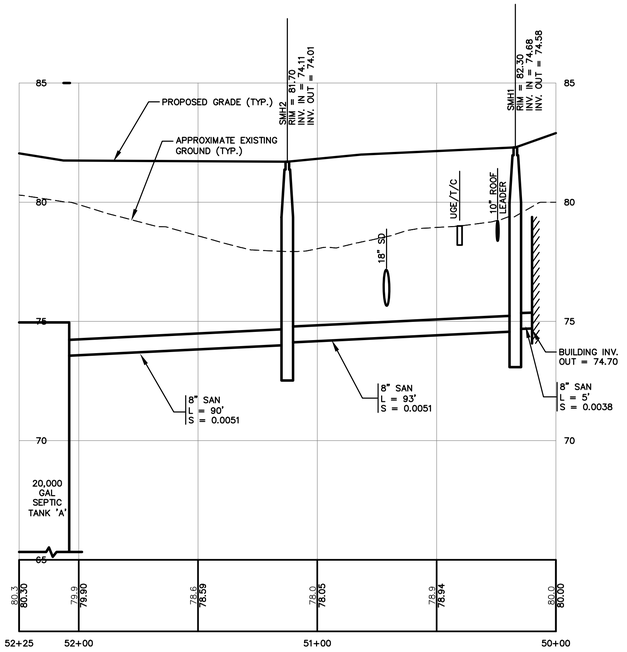
WATER MAIN PROFILE

1"=30' HORIZONTAL
1"=3' VERTICAL



KEY MAP

NTS

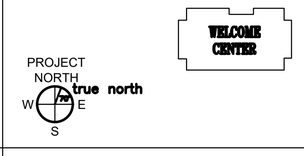


SANITARY SEWER PROFILE 'A'

1"=30', HORIZONTAL
1"=3' VERTICAL

30 0 15 30 60
1 inch = 30 ft.

PROJECT KEY PLAN



GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS R. REYNOLDS
No. 6251
10/31/22
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE	
ENG. LIN. NUMBER	6251
DATE	JANUARY 17, 2022

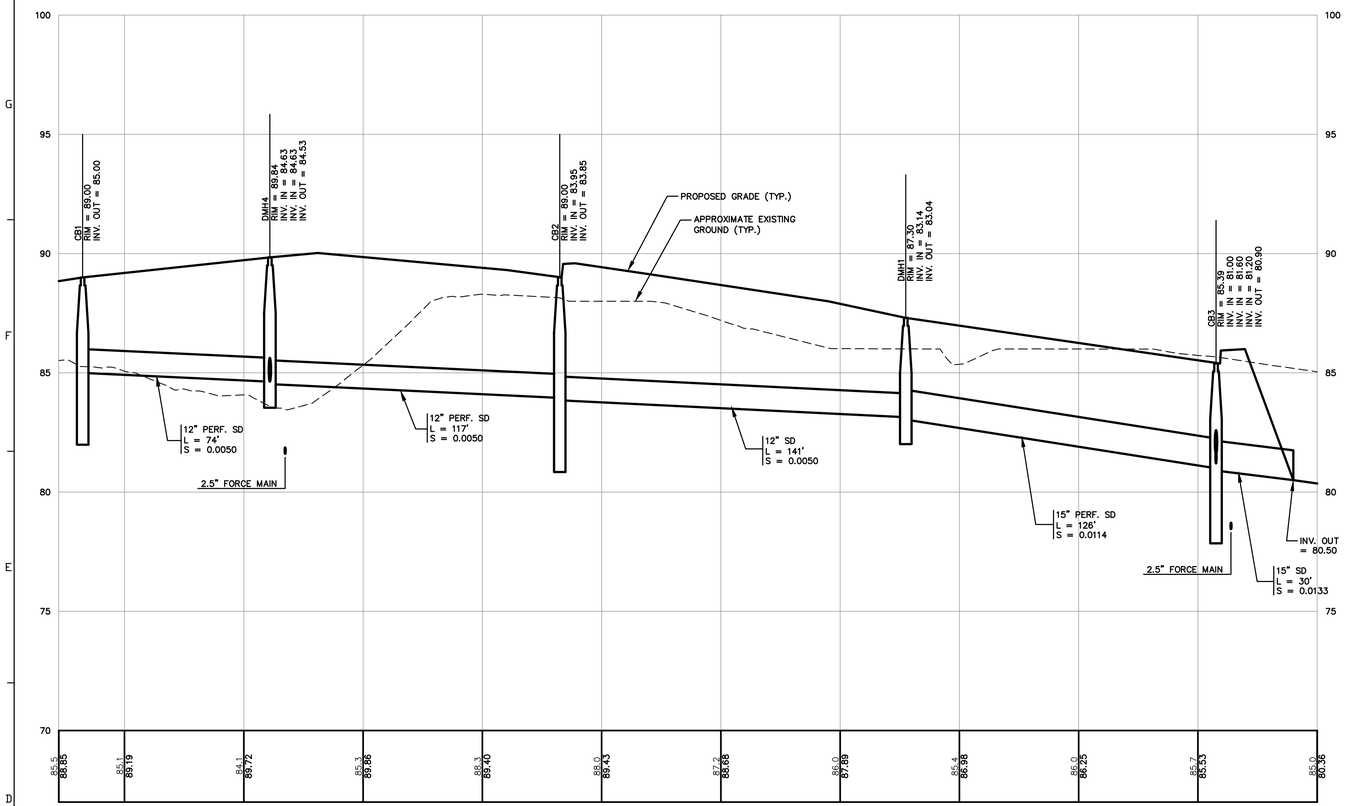
PROJECT	INFORMATION
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SANITARY SEWER AND WATER PROFILE

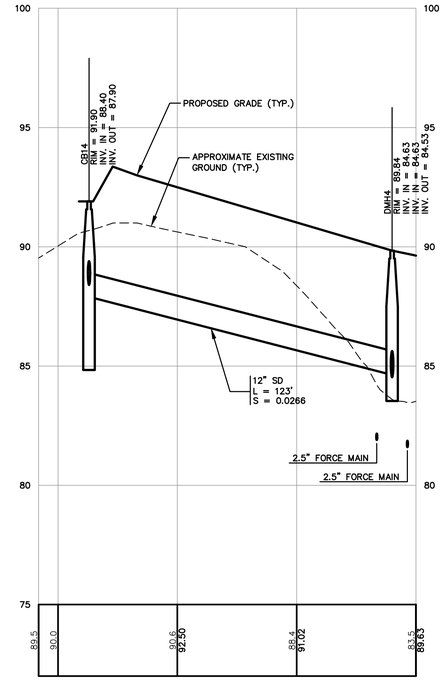
SHEET NUMBER
C307

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-PROFILES.dwg Oct 31, 2022 - 10:11am



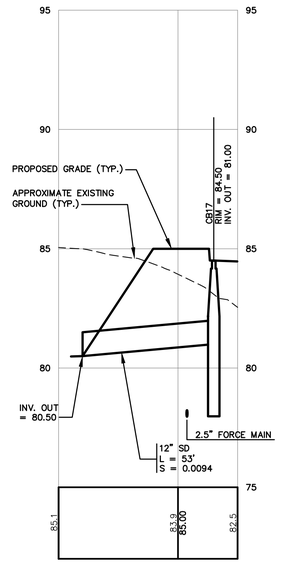
STORM DRAIN PROFILE 'A'

1"=30' HORIZONTAL
1"=3' VERTICAL



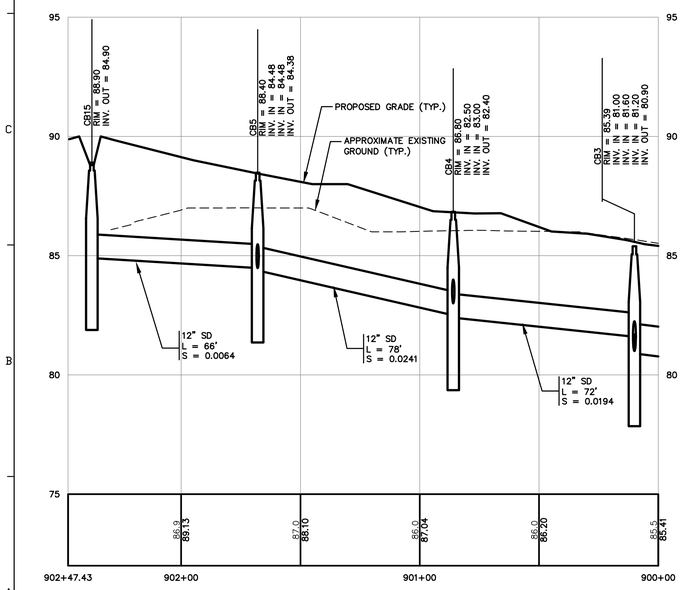
STORM DRAIN PROFILE 'B'

1"=30' HORIZONTAL
1"=3' VERTICAL



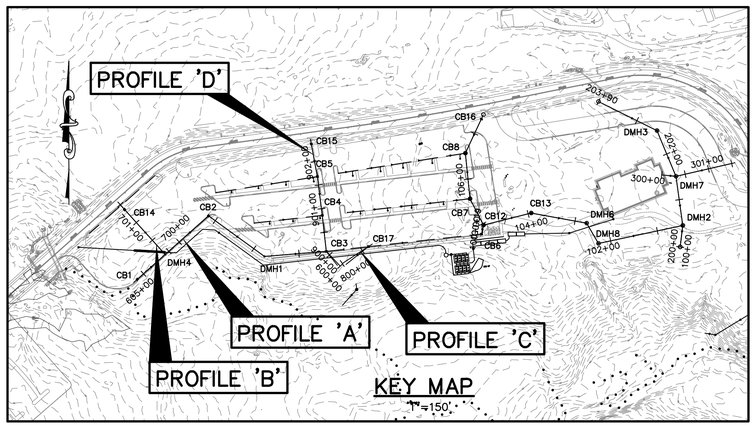
STORM DRAIN PROFILE 'C'

1"=30' HORIZONTAL
1"=3' VERTICAL

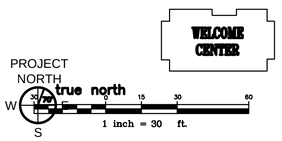


STORM DRAIN PROFILE 'D'

1"=30' HORIZONTAL
1"=3' VERTICAL



PROJECT KEY PLAN



GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS E. ARNOLD
No. 12796
REGISTERED PROFESSIONAL ENGINEER
STATE OF MAINE
10/31/22

PROJECT INFORMATION	
PROGRAM	--
PROJECT MANAGER	--
DESIGNER	AECOM
CONSULTANT	--
PROJECT RESIDENT	--
CONTRACTOR	--
PROJECT COMPLETION DATE	--

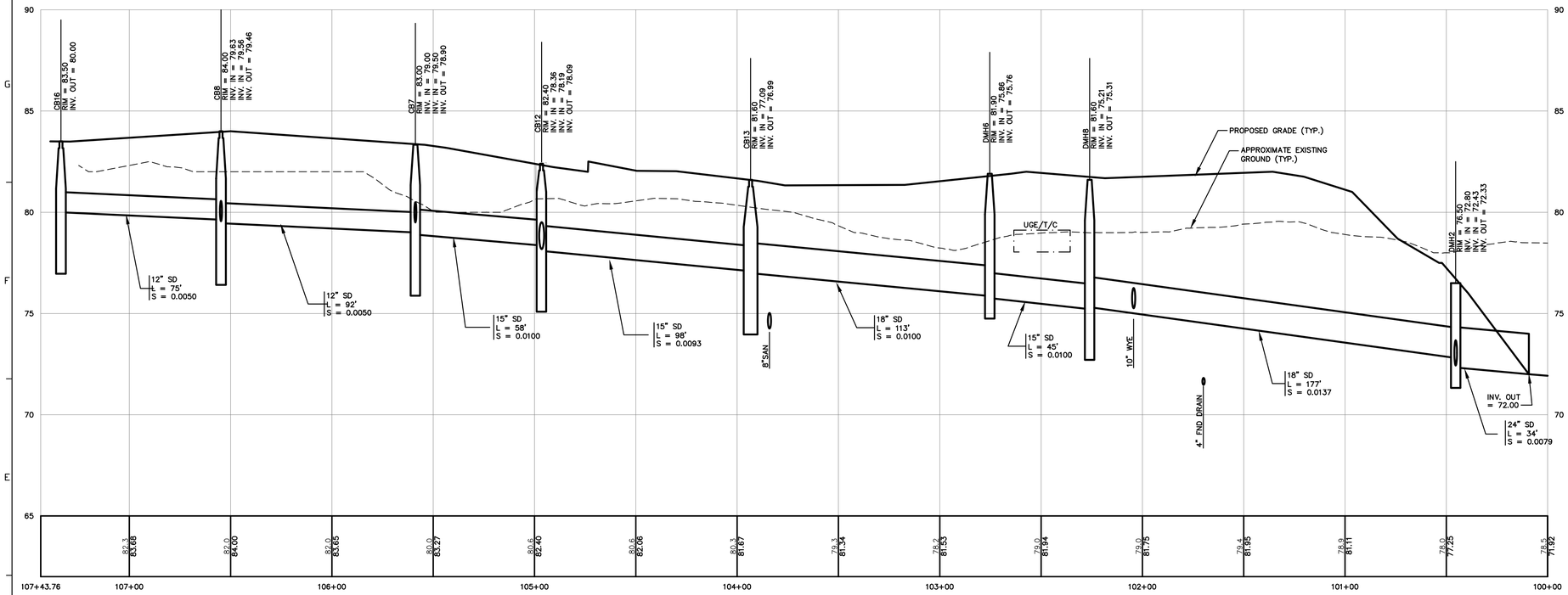
SIGNATURE
ENG. LIN. NUMBER 6251
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STORM DRAIN PROFILES - 1

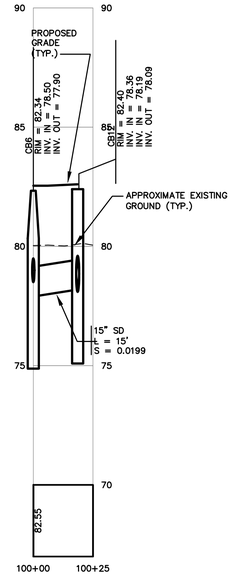
SHEET NUMBER
C308

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-PROFILES.dwg Oct 31, 2022 - 10:19am



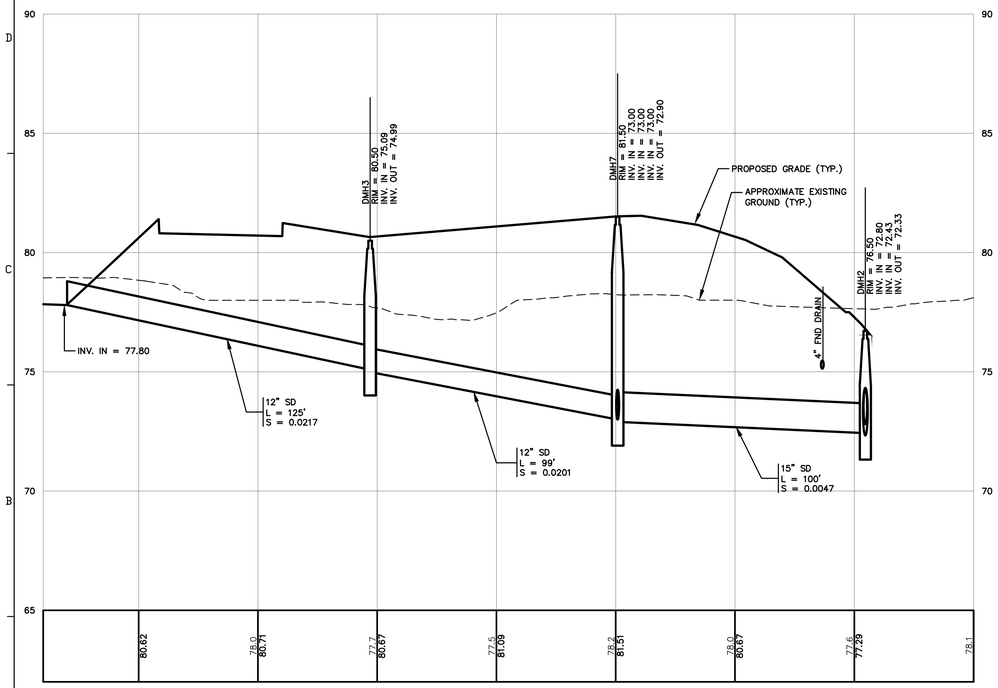
STORM DRAIN PROFILE 'E'

1"=30' HORIZONTAL
1"=3' VERTICAL



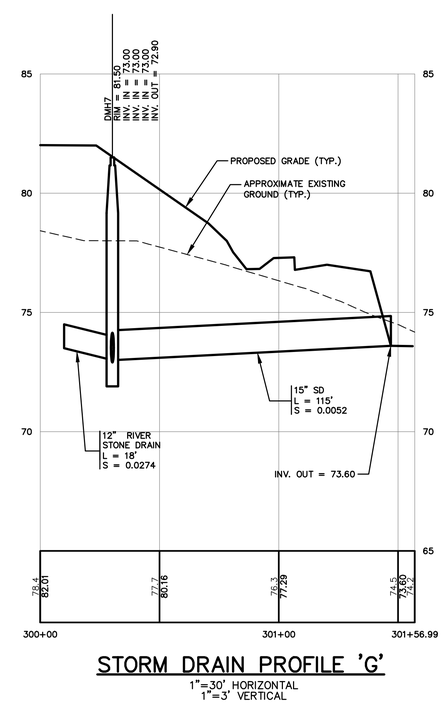
STORM DRAIN PROFILE IE'

1"=30' HORIZONTAL
1"=3' VERTICAL



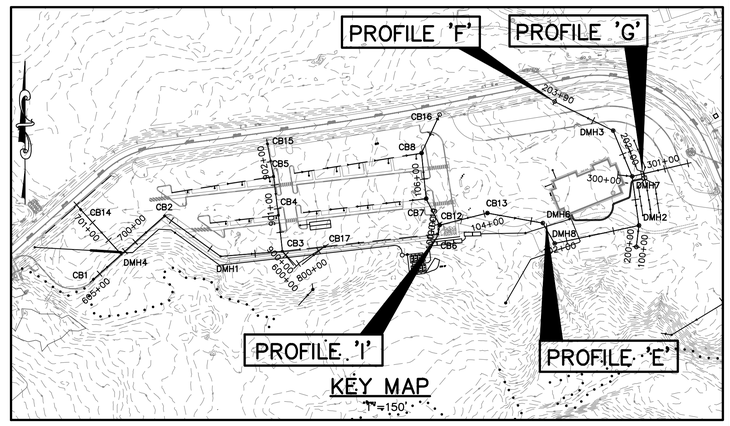
STORM DRAIN PROFILE 'F'

1"=30' HORIZONTAL
1"=3' VERTICAL

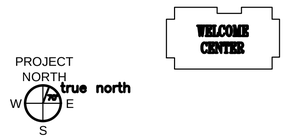


STORM DRAIN PROFILE 'G'

1"=30' HORIZONTAL
1"=3' VERTICAL



PROJECT KEY PLAN



1 inch = 30 ft.

GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

DOUGLAS E. REYNOLDS
10/31/22
LICENSED PROFESSIONAL ENGINEER
STATE OF MAINE

PROJECT INFORMATION	
PROGRAM	--
PROJECT MANAGER	--
DESIGNER	AECOM
CONSULTANT	--
PROJECT RESIDENT	--
CONTRACTOR	--
PROJECT COMPLETION DATE	--

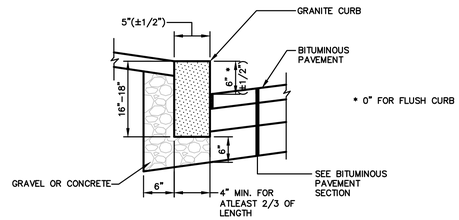
SIGNATURE
ENG. LIN. NUMBER 6251
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STORM DRAIN PROFILES - 2

SHEET NUMBER
C309

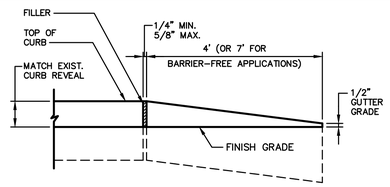
U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-PROFILES.dwg Oct 31, 2022 - 10:20am



NOTE: VERTICAL GRANITE CURB SHALL MEET THE REQUIREMENTS OF SECTION 609 OF THE MAINE DEPARTMENT OF TRANSPORTATION (MDOT) STANDARD SPECIFICATIONS, LATEST REVISION, AND THE DIMENSIONS SHOWN ON THE DRAWINGS. SLOPED GRANITE CURB SHALL MEET THE REQUIREMENTS OF SECTION 609 OF THE STANDARD SPECIFICATIONS, LATEST REVISION, AND THE DIMENSIONS SHOWN ON THE DRAWINGS.

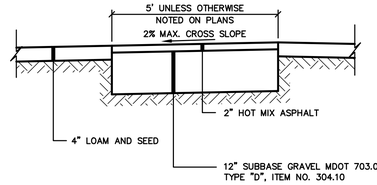
VERTICAL GRANITE CURB

NOT TO SCALE



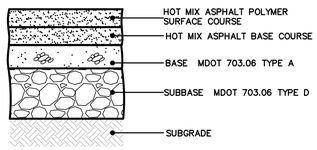
TIPDOWN CURB

NOT TO SCALE



BITUMINOUS WALKWAY

NOT TO SCALE

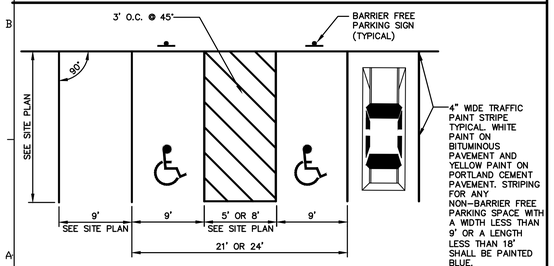


NOTE:
COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557

THICKNESS OF LAYERS	LAYERS
1.5"	HOT MIX ASPHALT POLYMER SURFACE COURSE
2.5"	HOT MIX ASPHALT BASE COURSE
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE A, ITEM NO. 304.14
15"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D, ITEM NO. 304.10

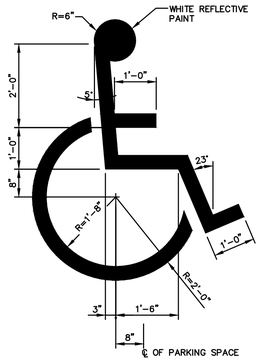
STANDARD BITUMINOUS PAVEMENT SECTION

NOT TO SCALE



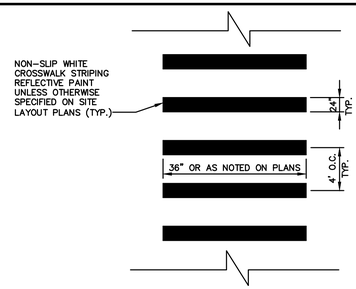
PARKING SPACE DIMENSIONS

NOT TO SCALE



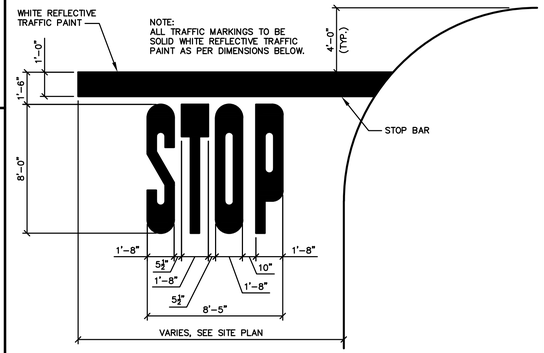
INTERNATIONAL BARRIER FREE SYMBOL

NOT TO SCALE



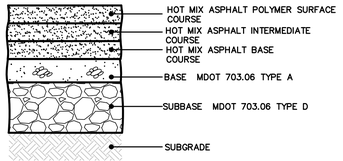
CROSSWALK STRIPING

NOT TO SCALE



PAVEMENT MARKINGS

NOT TO SCALE

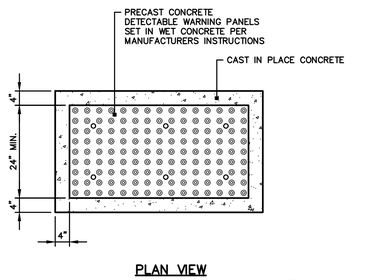


NOTE:
COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557

THICKNESS OF LAYERS	LAYERS
1.5"	HOT MIX ASPHALT POLYMER SURFACE COURSE
1.5"	HOT MIX ASPHALT INTERMEDIATE COURSE
3"	HOT MIX ASPHALT BASE COURSE
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE A, ITEM NO. 304.14
24"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D, ITEM NO. 304.10

HEAVY DUTY BITUMINOUS PAVEMENT SECTION

NOT TO SCALE

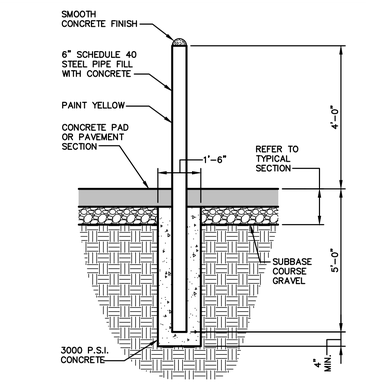


NOTES:

1. CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE, MINIMUM COMPRESSIVE STRENGTH 4,000 PSI. THE EXPOSED CONCRETE BORDER SHALL RECEIVE A GROOVED EDGE BETWEEN THE PANEL AND CONCRETE, ALONG WITH A UNIFORM BROOM FINISH PERPENDICULAR TO THE FLOW OF PEDESTRIAN TRAFFIC.
2. SIZE: THE DETECTABLE WARNING PANEL(S) SHALL EXTEND 24 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP, LANDING, OR BLENDED TRANSITION TO THE STREET.
3. ORIENTATION: THE DETECTABLE WARNING PANEL SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE CURB LINE. THE PANEL SHALL BE ORIENTED TO THE DIRECTION OF TRAVEL AS IDENTIFIED BY THE POINT OF EGRESS.

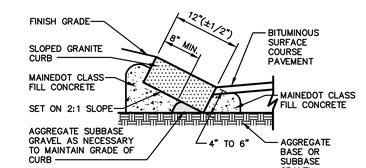
SIDEWALK RAMP DETECTABLE WARNING PANEL

N.T.S.



UTILITY PROTECTION BOLLARD

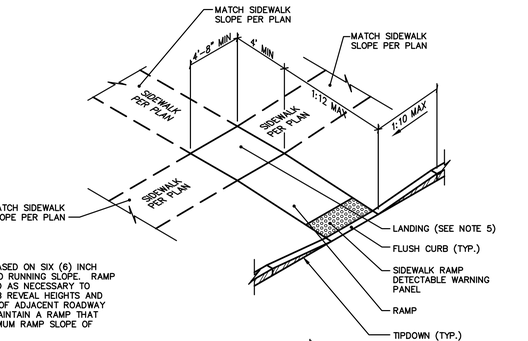
NOT TO SCALE



NOTE: CONCRETE IS INCIDENTAL TO THE TYPE 5 SLOPED GRANITE CURB PAY ITEM

SLOPED GRANITE CURB

NOT TO SCALE

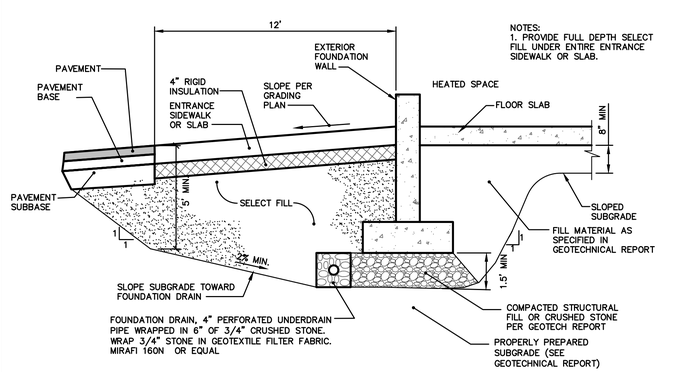


NOTES:

1. CURB RAMP LENGTHS ARE BASED ON SIX (6) INCH CURB REVEAL HEIGHT AND NO RUNNING SLOPE. RAMP LENGTHS SHALL BE ADJUSTED AS NECESSARY TO ACCOMMODATE VARYING CURB REVEAL HEIGHTS AND TO MATCH RUNNING SLOPES OF ADJACENT ROADWAY AND SIDEWALK SLOPES TO MAINTAIN A RAMP THAT DOES NOT EXCEED THE MAXIMUM RAMP SLOPE OF 1:12.
2. DETECTABLE WARNINGS SHALL BE NEENAH MODEL R-4984 OR EQUIVALENT.
3. ALL ACCESSIBLE ROUTE SLOPES ADJOINING THE LANDING AREA, EXCLUDING THE CURB RAMP, SHALL NOT EXCEED A SLOPE OF 1:20 UNLESS OTHERWISE NOTED.

BARRIER FREE RAMP

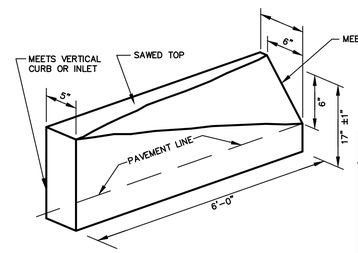
N.T.S.



NOTES:
1. PROVIDE FULL DEPTH SELECT FILL UNDER ENTIRE ENTRANCE SIDEWALK OR SLAB.

FOUNDATION DRAIN/ENTRANCE SLAB

NOT TO SCALE



VERTICAL TO SLOPED CURB TRANSITION STONES

NOT TO SCALE

STRUCTURAL FILL	
SIEVE SIZE	% PASSING BY WEIGHT
4"	100
3"	60–100
1/4"	25–90
#40	0–60
#200	0–7

PROJECT KEY PLAN

GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

DOUGLAS E. REYNOLDS
10/31/22
REGISTERED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

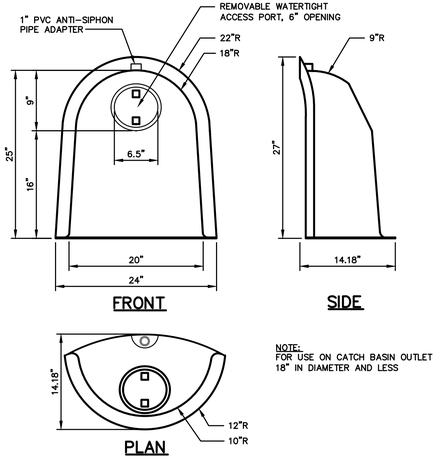
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE DETAILS

SHEET NUMBER
C401

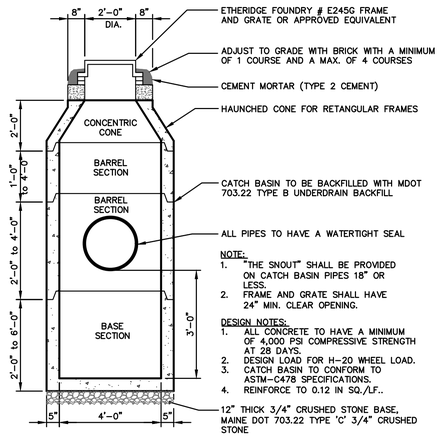
N.T.S.

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-DETAILS.dwg Oct 31, 2022 - 10:12am



NOTE:
FOR USE ON CATCH BASIN OUTLET 18" IN DIAMETER AND LESS

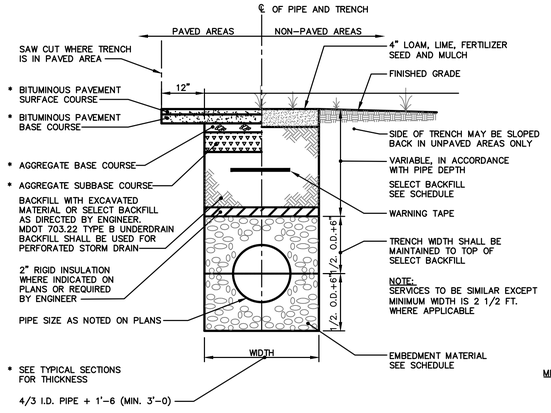
"THE SNOUT"
NOT TO SCALE



NOTE:
1. "THE SNOUT" SHALL BE PROVIDED ON CATCH BASIN PIPES 18" OR LESS.
2. FRAME AND GRATE SHALL HAVE 24" MIN. CLEAR OPENING.

DESIGN NOTES:
1. ALL CONCRETE TO HAVE A MINIMUM OF 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
2. DESIGN LOAD FOR H-20 WHEEL LOAD.
3. CATCH BASIN TO CONFORM TO ASTM-C478 SPECIFICATIONS.
4. REINFORCE TO 0.12 IN SQ./LF..

4'-0" PRECAST CATCH BASIN
NOT TO SCALE



SCHEDULE OF TRENCH BACKFILL		
TYPE OF PIPE	EMBEDMENT MATERIAL	SELECT BACKFILL
CMP DUCTILE IRON RCP	MDOT 703.22 TYPE B UD BACKFILL	MDOT 703.22 TYPE B UD BACKFILL
PVC-SDR 35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL
PERFORATED PVC-SDR35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE

NOTE:
1. BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. INSTALL WARNING TAPE DIRECTLY ABOVE UTILITIES, 12" BELOW FINISH GRADE.
3. TRACING WIRE SHALL BE INSTALLED OVER FORCEMAIN TO FACILITATE FUTURE LOCATING OF MAIN.

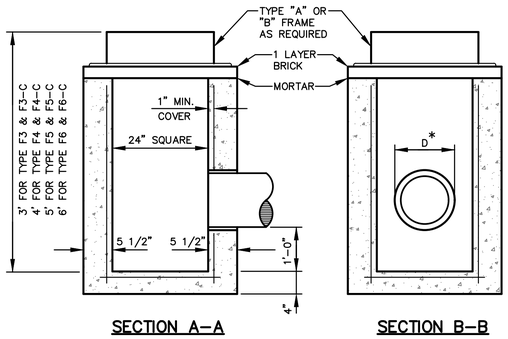
MINIMUM COVER	PIPE
2'-0"	DRAIN (1)
5'-5"	WATER
5'-0"	SEWER

(1) COVER BETWEEN 2' AND 3' SHALL INCLUDE 4" RIGID INSULATION. COVER BETWEEN 3' AND 4' SHALL INCLUDE 2" RIGID INSULATION.

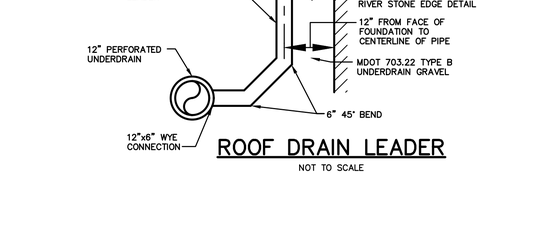
TRENCH SECTION
NOT TO SCALE

NOTE:
ENTIRE CATCH BASIN WITH EXCEPTION OF LEVELING BRICK FRAME AND GRATE TO BE PRECAST AS SINGLE PORTLAND CEMENT CONCRETE UNIT.

* DIAMETER OF HOLE (D) TO BE 3" LARGER THAN THE INSIDE DIAMETER OF FLEXIBLE PIPE OR THE OUTSIDE DIAMETER OF RIGID PIPE.



CATCH BASIN TYPE "F"
NOT TO SCALE

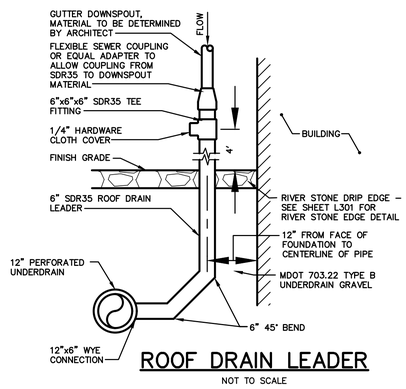


SECTION VIEW

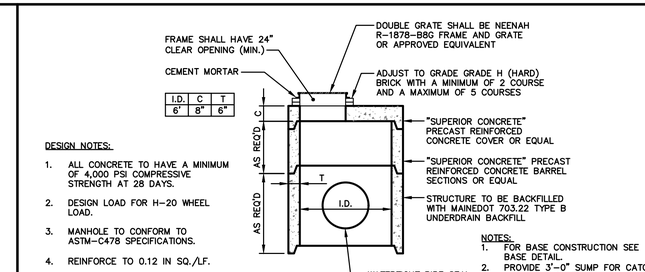
PLAN VIEW

SCHEDULE			
CULVERT DIAMETER (D)	WIDTH (W)	STONE d50	RIPRAP THICKNESS
12"	3'	6"	14"
15"	4'	6"	14"

CULVERT INLET APRON
NOT TO SCALE



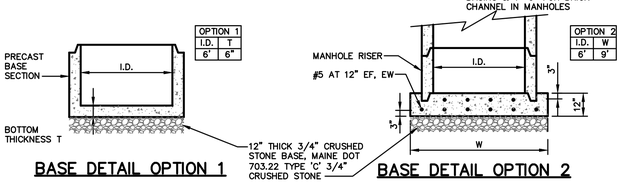
ROOF DRAIN LEADER
NOT TO SCALE



I.D.	C	T
6'	8"	6"

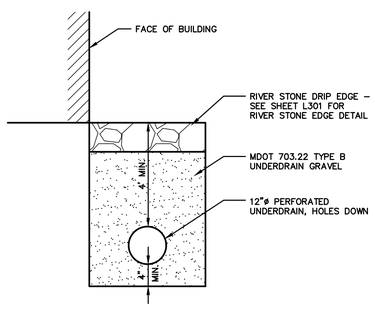
DESIGN NOTES:
1. ALL CONCRETE TO HAVE A MINIMUM OF 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
2. DESIGN LOAD FOR H-20 WHEEL LOAD.
3. MANHOLE TO CONFORM TO ASTM-C478 SPECIFICATIONS.
4. REINFORCE TO 0.12 IN SQ./LF.

NOTES:
1. FOR BASE CONSTRUCTION SEE BASE DETAIL.
2. PROVIDE 3'-0" SUMP FOR CATCH BASINS & 1'-0" FOR BRICK CHANNEL IN MANHOLES

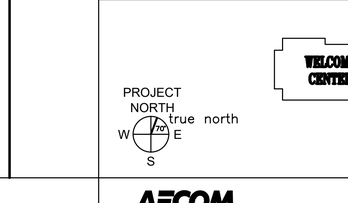


BASE DETAIL OPTION 1
BASE DETAIL OPTION 2

6' DIAMETER STORM DRAIN CATCH BASIN
NOT TO SCALE

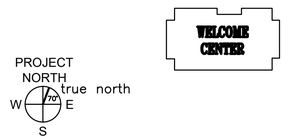


RIVER STONE EDGE WITH UNDERDRAIN
NOT TO SCALE



CLEANOUT
NOT TO SCALE

PROJECT KEY PLAN



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

DOUGLAS ARTHUR ARMOLD JR. 10/31/22 STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

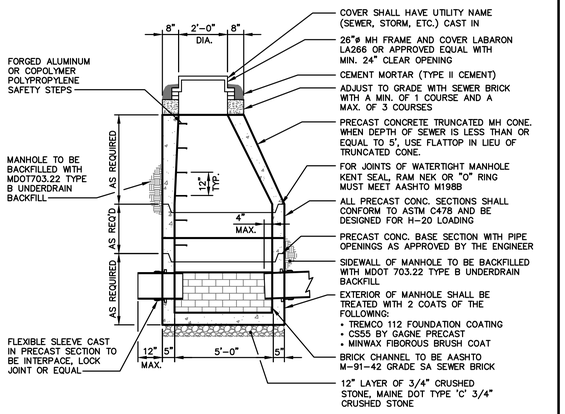
UTILITY DETAILS

SHEET NUMBER
C402

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-DETAILS.dwg Oct 31, 2022 - 10:12am

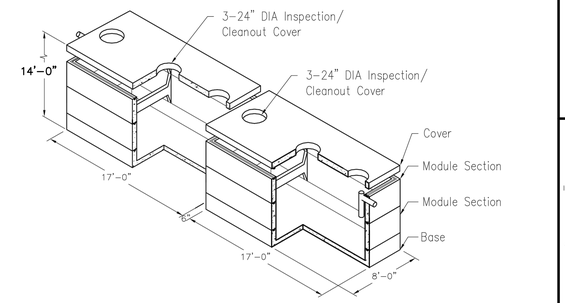


4'-0" PRECAST SEWER MANHOLE AND DRAIN MANHOLE

NOT TO SCALE

SEPTIC TANK NOTES:

1. SEPTIC TANK SHALL CONSIST OF TWO TANKS IN SERIES WITH A MINIMUM TOTAL CAPACITY OF 20,000 GALLONS.
2. TANKS SHALL HAVE A MINIMUM OF 5 FEET OF COVER BUT, MAY HAVE 3 FEET MINIMUM COVER WITH 4" RIGID INSULATION OVER THE TOP AND SIDES OF TANK WHERE COVER IS LESS THAN 5 FEET. TANK SHALL INCLUDE ALL NECESSARY ACCESS RISERS TO GRADE.
3. TANKS SHALL BE INSTALLED WITH 12" OF 3/4" CRUSHED STONE ON SIDES AND BELOW TANKS. 2" RIGID INSULATION SHALL BE INSTALLED OVER TOP OF TANKS AND ON SIDES OF TANKS TO A DEPTH OF 12" BELOW THE TOP OF TANKS.
4. EACH TANK SHALL BE EQUIPPED WITH A 6" SCHEDULE 40 PVC VENT PIPE. VENTS SHALL BE EQUIPPED WITH BUG SCREENS.
5. PIPES SHALL HAVE A MINIMUM COVER OF 5'-5" UNLESS INSULATED AS NEEDED.

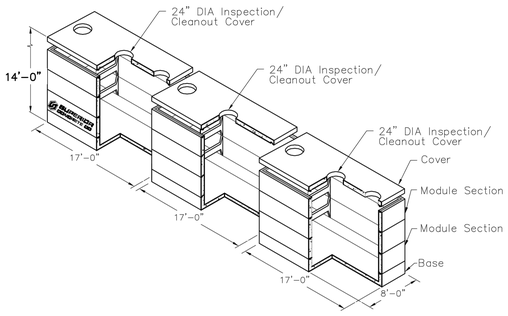


20,000 GALLON SEPTIC TANK DETAIL (TANK A)

NOT TO SCALE

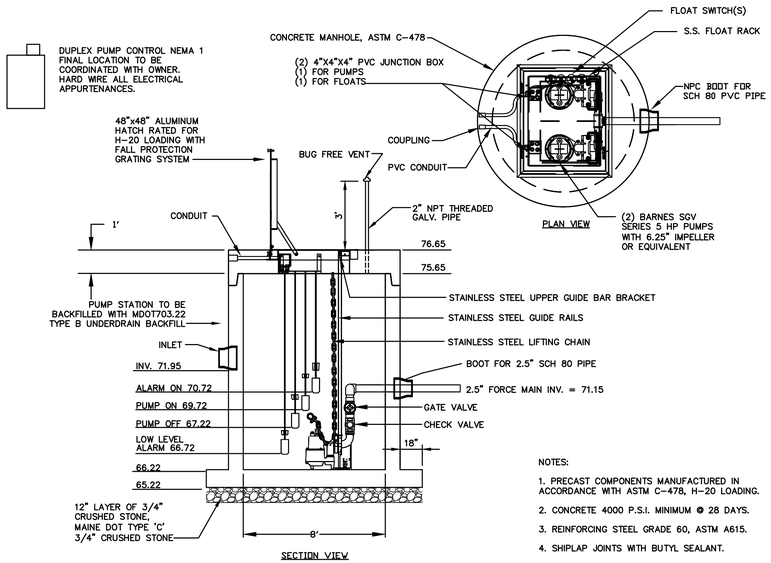
EQUALIZING TANK NOTES:

1. EQUALIZING TANK SHALL CONSIST OF FOUR TANKS IN SERIES WITH A MINIMUM TOTAL CAPACITY OF 20,000 GALLONS. (3 TANKS HAVE BEEN SHOWN IN THIS DETAIL FOR CLARITY.
2. TANKS SHALL HAVE A MINIMUM OF 5 FEET OF COVER BUT, MAY HAVE 3 FEET MINIMUM COVER WITH 4" RIGID INSULATION OVER THE TOP AND SIDES OF TANK WHERE COVER IS LESS THAN 5 FEET. TANK SHALL INCLUDE ALL NECESSARY ACCESS RISERS TO GRADE.
3. TANKS SHALL BE INSTALLED WITH 12" OF 3/4" CRUSHED STONE ON SIDES AND BELOW TANKS. 2" RIGID INSULATION SHALL BE INSTALLED OVER TOP OF TANKS AND ON SIDES OF TANKS TO A DEPTH OF 12" BELOW THE TOP OF TANKS.
4. EACH TANK SHALL BE EQUIPPED WITH A 6" SCHEDULE 40 PVC VENT PIPE. VENTS SHALL BE EQUIPPED WITH BUG SCREENS.
5. PIPES SHALL HAVE A MINIMUM COVER OF 5'-5" UNLESS INSULATED AS NEEDED.



20,000 GALLON EQUALIZING TANK DETAIL (TANK B)

NOT TO SCALE



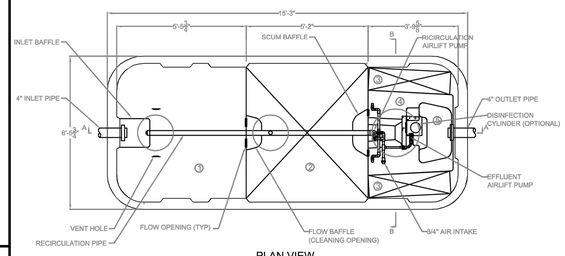
NOTES:

1. PRECAST COMPONENTS MANUFACTURED IN ACCORDANCE WITH ASTM C-478, H-20 LOADING.
2. CONCRETE 4000 P.S.I. MINIMUM @ 28 DAYS.
3. REINFORCING STEEL GRADE 60, ASTM A615.
4. SHIPLAP JOINTS WITH BUTYL SEALANT.

DUPLEX PUMP STATION

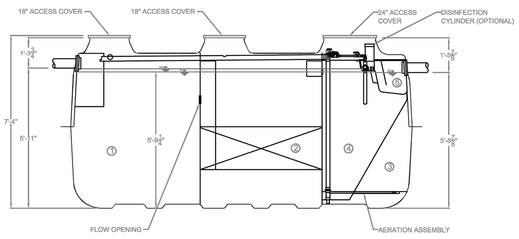
NOT TO SCALE

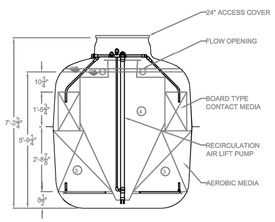
PUMP STATION	SHEET LOCATION		PUMP STATION SETTING DATA				PUMP CONTROL SETTING DATA				PUMP OPERATING CONDITIONS				
DESCRIPTION	UTILITY PLAN SHEET	PROFILE SHEET	TOP OF COVER SLAB	BOTTOM OF BASE SLAB	8" INLET INVERT	2.5" FM OUTLET INVERT	LOW LEVEL ALARM	PUMP OFF	PUMP ON	ALARM ON	NUMBER OF PUMPS	PUMP DISCHARGE	PUMP RATE	TOTAL DYNAMIC HEAD	PUMP H.P.
ACADIA GATEWAY FACILITY	C202	C307	76.65	65.22	71.95	71.15	66.72	67.22	69.72	71.95	2	2.5"	65 GPM	126 FT.	5.0



CHAMBER	Volume (gal)
① Sedimentation Chamber	1,200
② Anaerobic Filtration Chamber	1,198
③ Aerobic Contact Filtration Chamber	550
④ Clarification Chamber	268
⑤ Disinfection Chamber	17
Total Volume	3,233

SPECIFICATIONS	
Anaerobic Media	PP / PE
Board Type Aerobic Media	PVC / PP / PE
Aerobic Media	PP / PE
Blower	10.6 cfm
Tank	FRP
Piping	PVC / PP / PE
Access Covers	Plastic / Cast Iron
Disinfectant (Optional)	Chlorine Tablets





NOTES:

1. 30" RISERS SHALL BE INSTALLED TO BRING ACCESS COVERS TO GRADE. RISERS SHALL BE WATER TIGHT IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
2. TANKS SHALL BE INSULATED WITH 4" RIGID INSULATION ON TOP AND SIDES OF TANK WHERE COVER IS LESS THAN 5'-5".

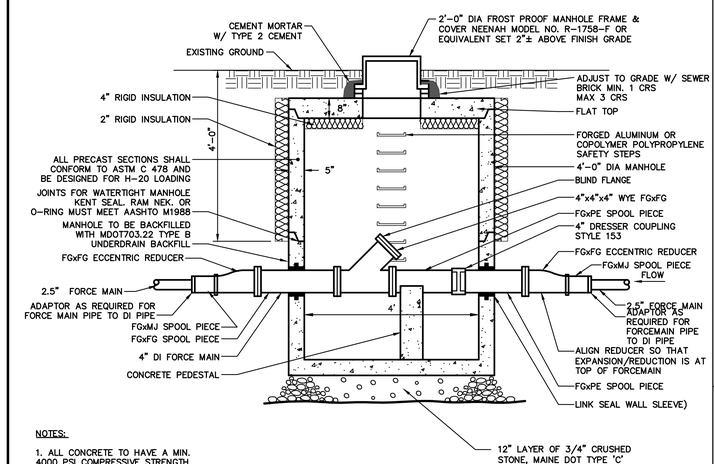
FujiClean USA "Toward Clean Water..."

CE-30
Structural Drawing

DATE: 03/21/2021 SCALE: 1/4" = 1'

FUJICLEAN CE-30 TANK

NOT TO SCALE

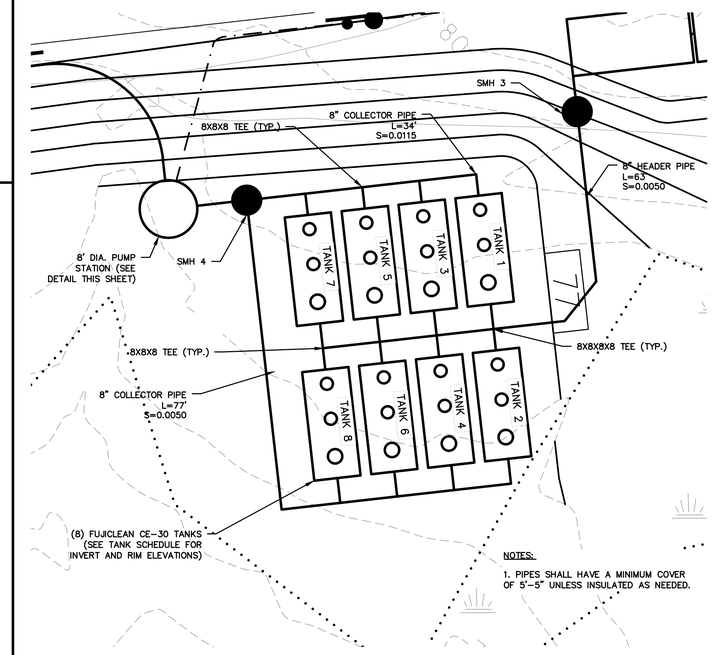


NOTES:

1. ALL CONCRETE TO HAVE A MIN. 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
2. DESIGN FOR H-20 WHEEL LOADINGS
3. REINFORCE TO 0.12 IN. SQ./FT.

4'ø CLEANOUT MANHOLE

NOT TO SCALE



NOTES:

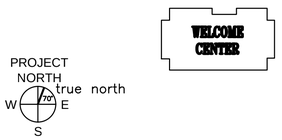
1. PIPES SHALL HAVE A MINIMUM COVER OF 5'-5" UNLESS INSULATED AS NEEDED.

FUJICLEAN PRETREATMENT UNITS

1"=10'

FUJICLEAN TANK SCHEDULE			
TANK ID	RIM ELEVATION	INV.IN	INV.OUT
1	76.56	72.71	72.53
2	76.56	72.71	72.53
3	76.52	72.67	72.49
4	76.52	72.67	72.49
5	76.48	72.63	72.45
6	76.48	72.63	72.45
7	76.44	72.59	72.41
8	76.44	72.59	72.41

PROJECT KEY PLAN



GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

DOUGLAS E. REYNOLDS 10/31/22 REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

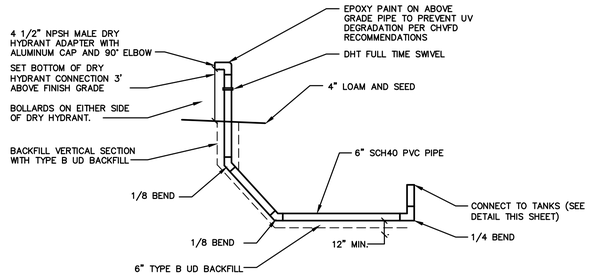
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

UTILITY DETAILS

SHEET NUMBER
C403

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-DETAILS.dwg Oct 31, 2022 - 10:17am

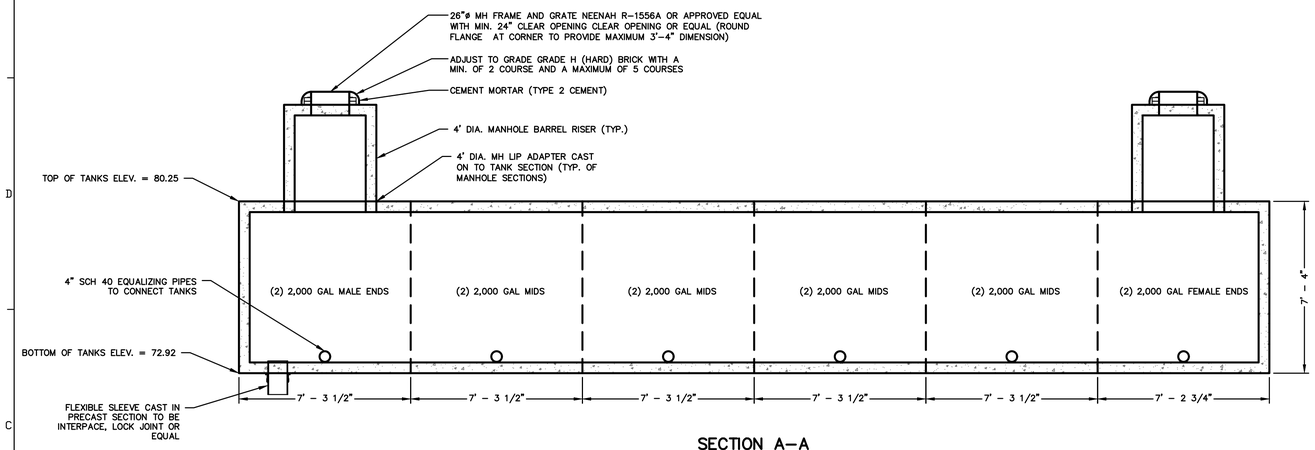


DRY HYDRANT (BID ALTERNATE 1) NOTES:

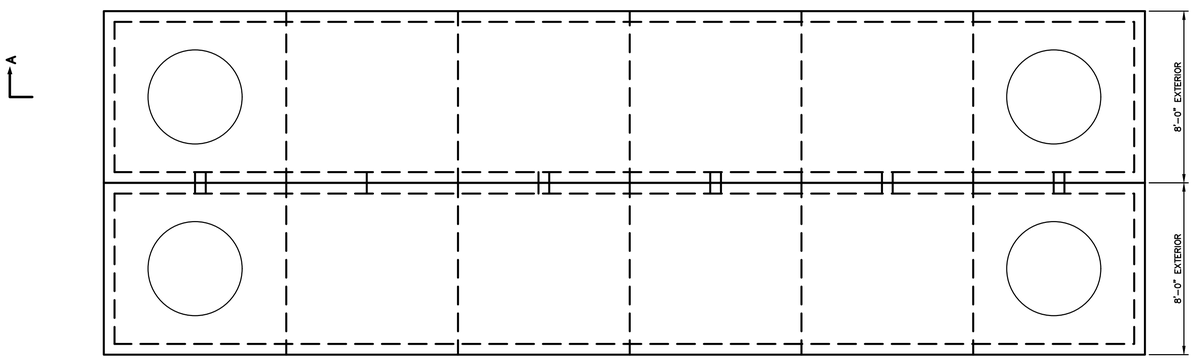
1. DRY HYDRANT COMPONENTS SHALL BE FROM KOCHECK COMPANY INC, PUTNAM, CONNECTICUT.
2. ALL PIPE AND FITTINGS SHALL BE SCH40 PVC.
3. CONNECT PVC PIPE AND FITTINGS USING A TETRAHYDROFURAN (THF) PRIMER AND A PVC CEMENT WITH BETWEEN 800-1000 CENTIPOISE VISCOSITY. ALL PURPOSE PVC CEMENT SHALL NOT BE USED.
4. ALLOW PVC CEMENT TO DRY THOROUGHLY BEFORE INSTALLING IN WATER.
5. INSTALL ABOVE GRADE SECTION PLUMB. INSTALL BELOW PIPE GRADE LEVEL OR SLOPING DOWN TOWARDS THE TANK.
6. APPLY TWO COATS OF EPOXY PAINT TO ABOVE GROUND PIPE. COORDINATE WITH FIRE DEPARTMENT.

DRY HYDRANT DETAIL

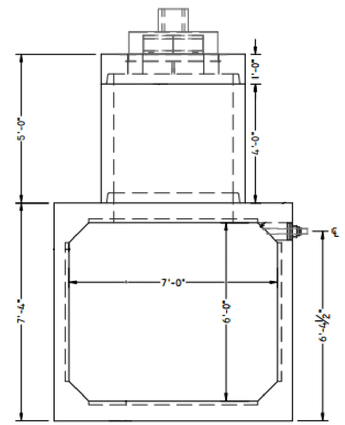
NOT TO SCALE



SECTION A-A



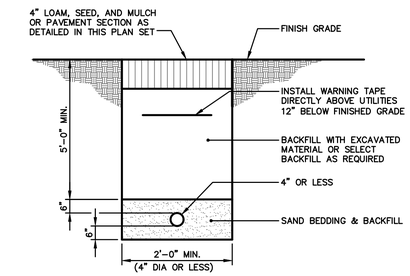
PLAN VIEW



END VIEW

24,000 GALLON FIRE WATER STORAGE TANK

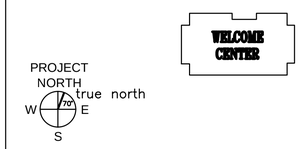
NOT TO SCALE



WATER SERVICE TRENCH SECTION

NOT TO SCALE

PROJECT KEY PLAN



GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

DOUGLAS ARNOLD MAINE 10/31/22 REGISTERED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIN. NUMBER 6251

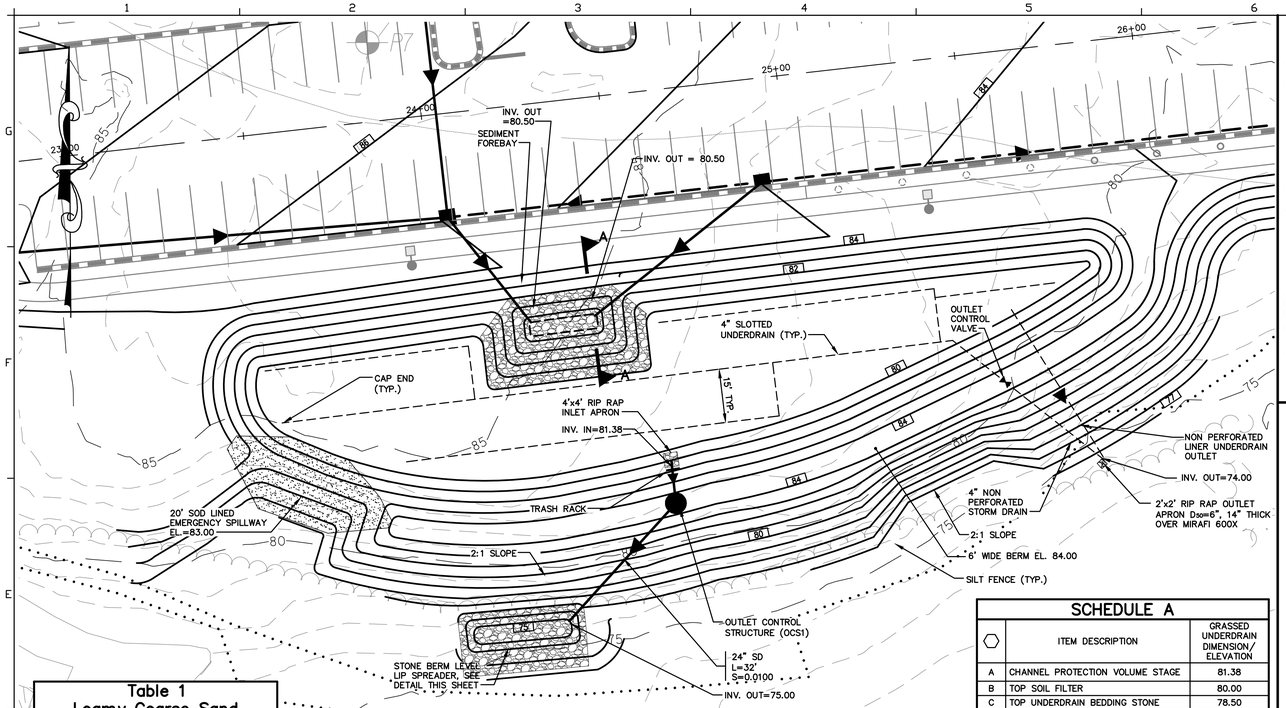
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

UTILITY DETAILS

SHEET NUMBER
C404

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-DETAILS.dwg Oct 31, 2022 - 10:16am



GRASSED UNDERDRAIN PROJECT DETAILS
1"=20'

Table 1
Loamy Coarse Sand

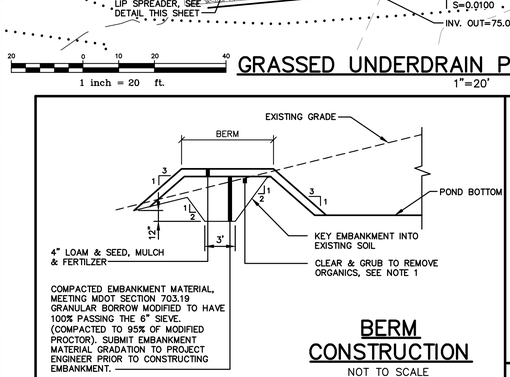
SIEVE SIZE	% PASSING BY WEIGHT
#10	85–100
#20	70–100
#60	15–40
#200	8–15
#200 CLAY SIZE	<2.0

Table 2 MEDOT Specifications for Underdrain Type B (MEDOT #703.22)

SIEVE SIZE	% PASSING BY WEIGHT
1"	90–100
1/2"	75–100
#4	50–100
#20	15–80
#50	0–15
#200	0–5

Table 3
Sandy Loam Topsoil

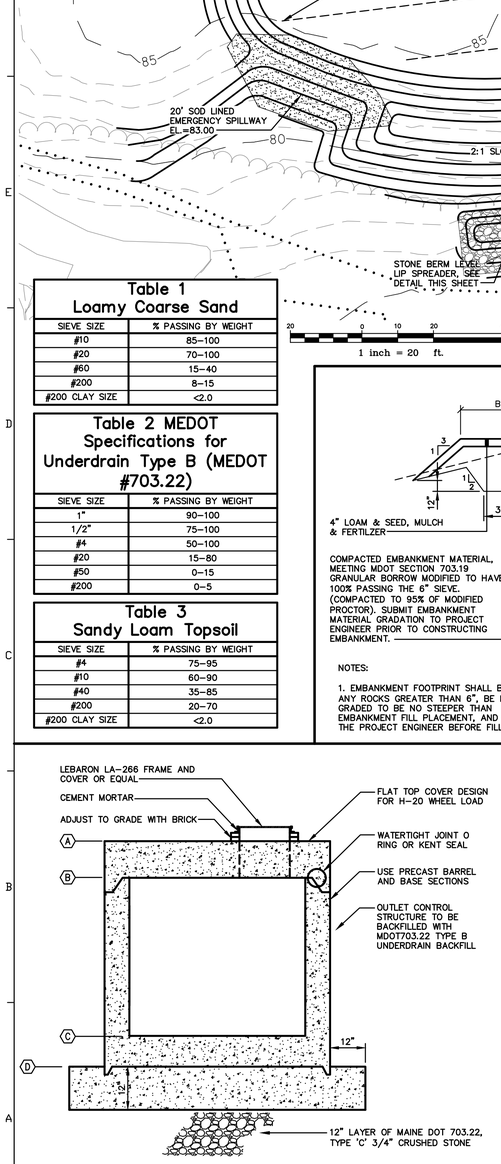
SIEVE SIZE	% PASSING BY WEIGHT
#4	75–95
#10	60–90
#40	35–85
#200	20–70
#200 CLAY SIZE	<2.0



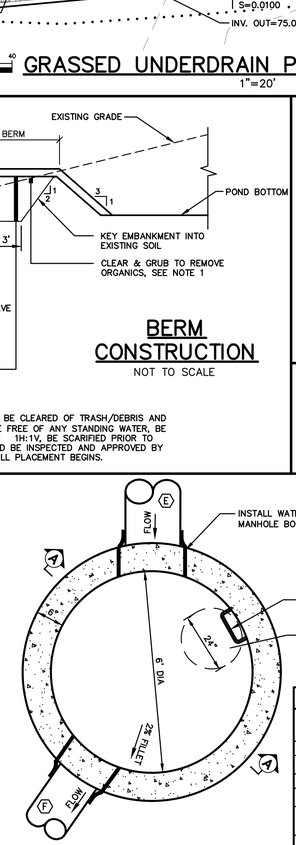
NOTES:

1. EMBANKMENT FOOTPRINT SHALL BE CLEARED OF TRASH/DEBRIS AND ANY ROCKS GREATER THAN 6", BE FREE OF ANY STANDING WATER, BE GRADED TO BE NO STEEPER THAN 1H:1V, BE SCARIFIED PRIOR TO EMBANKMENT FILL PLACEMENT, AND BE INSPECTED AND APPROVED BY THE PROJECT ENGINEER BEFORE FILL PLACEMENT BEGINS.

BERM CONSTRUCTION
NOT TO SCALE



SECTION A–A
OUTLET CONTROL STRUCTURE 1 (OCS1)
SEE SCHEDULE B
NOT TO SCALE



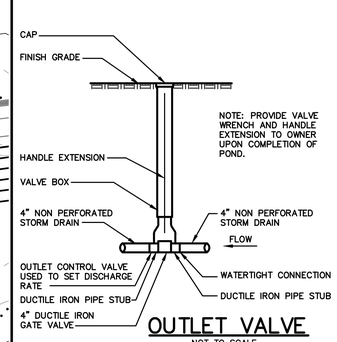
PLAN VIEW
6' OUTLET CONTROL STRUCTURE 1 (OCS1)
SEE SCHEDULE B
NOT TO SCALE

SCHEDULE B

	ITEM DESCRIPTION	ELEVATION
		OCS 1
A	TOP OF STRUCTURE	83.50
B	UNDERSIDE TOP SLAB	82.83
C	MANHOLE INVERT	75.32
D	BOTTOM OF STRUCTURE	74.32
E	PIPE DIAMETER	24"
	INVERT IN	80.00
F	PIPE DIAMETER	24"
	INVERT OUT	75.32

SCHEDULE A

	ITEM DESCRIPTION	GRASSED UNDERDRAIN DIMENSION/ ELEVATION
A	CHANNEL PROTECTION VOLUME STAGE	81.38
B	TOP SOIL FILTER	80.00
D	TOP UNDERDRAIN BEDDING STONE	78.50
D	PIPE INVERT: 4" PERF. UD	77.83
E	BOTTOM UNDERDRAIN BEDDING	77.50
F	LINER UNDERDRAIN INVERT	76.83



OUTLET VALVE
NOT TO SCALE

CONSTRUCTION OVERSIGHT

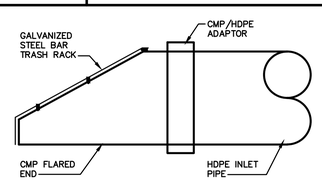
INSPECTION OF THE FILTER BASIN SHALL BE PROVIDED FOR EACH PHASE OF CONSTRUCTION BY THE DESIGN ENGINEER WITH REQUIRED REPORTING TO THE DEP. AT A MINIMUM, INSPECTIONS WILL OCCUR:

1. AFTER PRELIMINARY CONSTRUCTION OF THE FILTER GRADES AND ONCE THE UNDERDRAIN PIPES ARE INSTALLED BUT NOT BACKFILLED.
2. AFTER THE DRAINAGE LAYER IS CONSTRUCTED AND PRIOR TO THE INSTALLATION OF THE FILTER MEDIA.
3. AFTER THE FILTER MEDIA HAS BEEN INSTALLED AND SEEDED.
4. AFTER ONE YEAR TO INSPECT HEALTH OF THE VEGETATION AND MAKE CORRECTIONS.
5. ALL MATERIAL USED FOR THE CONSTRUCTION OF THE FILTER BASIN WILL BE APPROVED BY THE DESIGN ENGINEER AFTER TESTS BY A CERTIFIED LABORATORY SHOW THAT THEY ARE PASSING DEP SPECIFICATIONS.

NOTE: CONTRACTOR SHALL NOTIFY PROJECT ENGINEER 48 HOURS PRIOR TO THE MILESTONES LISTED ABOVE TO ALLOW FOR INSPECTION.

NOTE:
TWO UNDERDRAIN SYSTEMS ARE REQUIRED FOR THE GRASSED UNDERDRAIN. ONE SYSTEM DRAINS THE SOIL MEDIA, AND ONE SYSTEM DRAINS THE LINER. THE LINER UNDERDRAIN IS NOT SHOWN ON THE PLAN VIEW FOR CLARITY PURPOSES. SEE GRASSED UNDERDRAIN DETAIL.

FRONT VIEW



SIDE VIEW

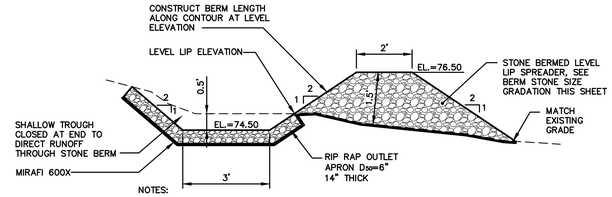
TRASH RACK
NOT TO SCALE

BERM STONE SIZE

SIEVE DESIGNATION (US CUSTOMARY)	PERCENT BY WEIGHT PASSING
12 IN	100
6 IN	84–100
3 IN	68–83
1 IN	42–55
NO. 4	8–12

LEVEL LIP SPREADER

LEVEL LIP	ELEVATION	LENGTH
1	75.0	25'



NOTES:

1. PRIOR TO CONSTRUCTION OF ANY ONSITE DRAINAGE FEATURES, THE CONTRACTOR SHALL STAKE OUT THE LEVEL LIP SPREADERS FOR REVIEW BY GORRILL–PALMER. THE CONTRACTOR SHALL NOTIFY GORRILL–PALMER WHEN STAKE OUT IS COMPLETE, AND PROVIDE GROUND SURVEYED ELEVATIONS OF THE LEVEL LIP SPREADER LOCATION. GORRILL–PALMER WILL CONDUCT A SITE WALK WITHIN 48 HOURS TO CONFIRM LOCATION AND ORIENTATION TO VERIFY DESIGN INTENT.

STONE BERM LEVEL LIP SPREADER
NOT TO SCALE

GRASSED UNDERDRAIN NOTES:

SOIL SPECIFICATIONS:

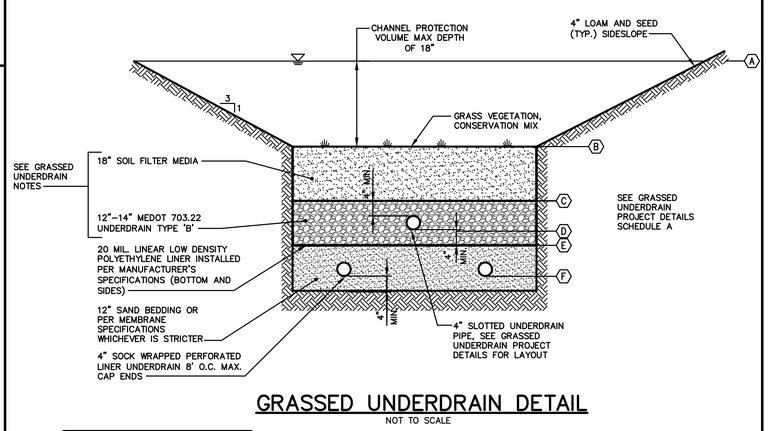
1. THE SOIL FILTER MEDIA SHALL BE A LAYERED SYSTEM CONSISTING OF THE FOLLOWING FROM THE BOTTOM:
   A. 12" OF LOAMY COARSE SAND, SEE TABLE 1.
   B. 2" LAYER OF TOPSOIL (SEE "C" BELOW) ROTOTILLED INTO THE LOAMY COARSE SAND LAYER.
   C. 6" OF NON–CLAYEY, LOAMY TOPSOIL SUCH AS USDA SANDY LOAM TOPSOIL WITH 5–8% HUMIFIED ORGANIC MATTER. SUPERHUMUS OR EQUIVALENT MAY BE ADDED TO THE TOPSOIL TO INCREASE ORGANIC CONTENT, SEE TABLE 3.
2. SOIL FILTER MEDIA MIXTURE SHALL HAVE A PERMEABILITY OF 2.4 IN./HR. TO 4 IN./HR UPON COMPACTION BETWEEN 90% AND 92% STANDARD PROCTOR (ASTM D698).

SUBMITTALS:

1. SUBMIT RESULTS OF FIELD AND LABORATORY TESTING TO PROJECT ENGINEER.
2. SUBMIT 75 lb. SAMPLE OF EACH TYPE OF MATERIAL: SUBMIT IN AIR TIGHT CONTAINERS TO PROJECT ENGINEER.
3. THE FOLLOWING MATERIAL SHALL BE SUBMITTED:
   A. SAND.
   B. UNDERDRAIN BEDDING MATERIAL.
4. PERFORM A SIEVE ANALYSIS CONFORMING TO ASTM C136 – STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES; 1996a ON EACH TYPE OF THE SAMPLE MATERIAL AND SUBMIT RESULTS TO PROJECT ENGINEER.
5. PERFORM A PERMEABILITY TEST ON THE SOIL FILTER MEDIA MIXTURE CONFORMING TO ASTM D2434 WITH THE MIXTURE COMPACTED TO 90% TO 92% OF MAXIMUM DRY DENSITY BASED ON ASTM D698. SUBMIT RESULTS TO THE PROJECT ENGINEER.
6. PERFORM ONE COMPACTION DENSITY TEST ON THE IN PLACE SOIL FILTER FOR EVERY 2,000 SQUARE FEET OF FILTER SURFACE AREA. TEST SHALL CONFORM TO ASTM D 2922 – STANDARD TEST METHODS FOR DENSITY OF SOIL AND SOIL–AGGREGATE IN PLACE BY NUCLEAR METHODS (SHALLOW DEPTH); 1996. SUBMIT RESULTS TO THE PROJECT ENGINEER.

CONSTRUCTION:

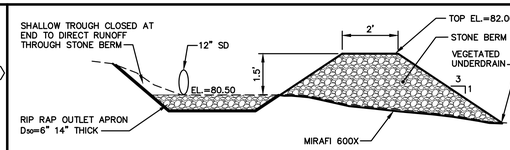
1. SOIL FILTER MEDIA AND UNDERDRAIN BEDDING MATERIAL SHALL BE COMPACTED TO BETWEEN 90% AND 92% STANDARD PROCTOR.
2. SLOTTED UNDERDRAIN PIPE SHALL BE SLOTTED 4" SCHEDULE 40 OR SDR 35 PVC PIPE. SPACED 15 FEET ON CENTER MAXIMUM.
3. TRIBUTARY AREAS SHALL BE STABILIZED PRIOR TO INSTALLATION OF THE SOIL FILTER MEDIA MIXTURE AND UNDERDRAIN. STABILIZED IS DEFINED AS PAVED IF IN A PARKING AREA OR ROADWAY, AND 90% GRASS CATCH IF IN A VEGETATED AREA.
4. OUTFLOW OF THE VEGETATED UNDERDRAIN SHALL BE CONTROLLED BY A 4" DUCTILE IRON GATE VALVE WITH VALVE WRENCH AND EXTENSION (AVAILABLE FROM E.J. PRESCOTT OR EQUIVALENT). A THREE PIECE VALVE BOX (AVAILABLE FROM E.J. PRESCOTT OR EQUIVALENT) SHALL BE INSTALLED OVER THE VALVE.
5. ALL EQUIPMENT USED WITHIN THE LIMITS OF THE VEGETATED UNDERDRAIN SHALL BE LOW GROUND PRESSURE VEHICLES (LESS THAN 2.0 PSI) WHEN FULLY LOADED.
6. UPON COMPLETION OF THE INSTALLATION OF THE SOIL FILTER MEDIA AND THE ESTABLISHMENT OF A 90% CATCH OF GRASS OVER THE FILTER MEDIA, THE CONTRACTOR SHALL FLOOD THE VEGETATED UNDERDRAIN TO THE DESIGN ELEVATION WITH CLEAN WATER AND ADJUST THE VALVE TO OBTAIN A 24 HOUR TO 32 HOUR RELEASE TIME.



GRASSED UNDERDRAIN DETAIL
NOT TO SCALE

GRASS VEGETATION

CREEPING RED FESCUE	20 LBS/ACRE
TALL FESCUE	20 LBS/ACRE
BIRDSFOOT TREEFOIL	8 LBS/ACRE

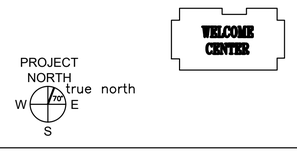


SEDIMENT FOREBAY – SECTION A–A
NOT TO SCALE

BERM STONE SIZE

SIEVE DESIGNATION (US CUSTOMARY)	PERCENT BY WEIGHT PASSING
12 IN	100
6 IN	84–100
3 IN	68–83
1 IN	42–55
NO. 4	8–12

PROJECT KEY PLAN



GORRILL PALMER

Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

DOUGLAS E. REYNOLDS
10/31/22
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

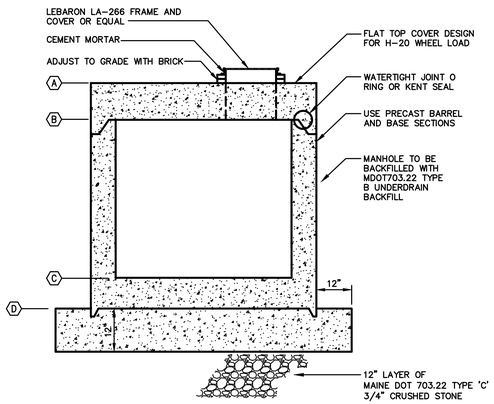
PROJECT INFORMATION	
PROGRAM	I
PROJECT MANAGER	I
DESIGNER	AECOM
CONSULTANT	I
PROJECT RESIDENT	I
CONTRACTOR	I
PROJECT COMPLETION DATE	I

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

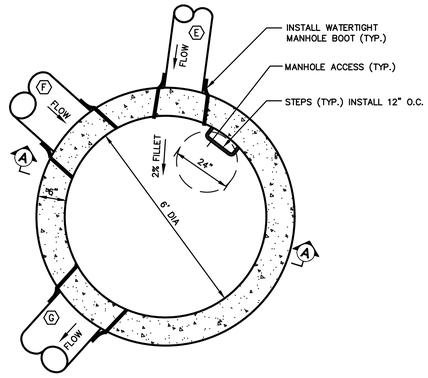
GRASSED UNDERDRAINED SOIL FILTER PLAN AND DETAILS

SHEET NUMBER
C405

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-GRADE.dwg Oct 31, 2022 - 10:12am



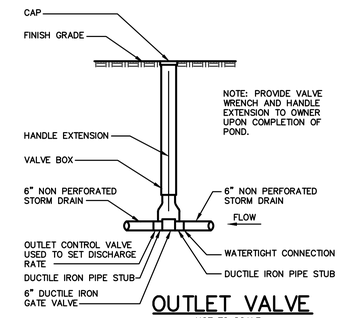
SECTION A–A
OUTLET CONTROL STRUCTURE 2 (OCS2)
SEE SCHEDULE A
NOT TO SCALE



PLAN VIEW
6' OUTLET CONTROL STRUCTURE 2 (OCS2)
SEE SCHEDULE A
NOT TO SCALE

SCHEDULE A

	ITEM DESCRIPTION	ELEVATION OCS 2
A	TOP OF STRUCTURE	74.50
B	UNDERSIDE TOP SLAB	73.83
C	MANHOLE INVERT	68.60
D	BOTTOM OF STRUCTURE	67.60
E	PIPE DIAMETER	6"
	INVERT IN	68.80
F	PIPE DIAMETER	24"
	INVERT IN	71.00
G	PIPE DIAMETER	24"
	INVERT OUT	68.60

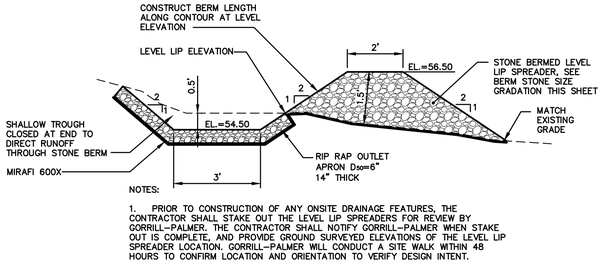


OUTLET VALVE
NOT TO SCALE

BERM STONE SIZE

SIEVE DESIGNATION (US CUSTOMARY)	PERCENT BY WEIGHT PASSING
12 IN	100
6 IN	84–100
3 IN	68–83
1 IN	42–55
NO. 4	8–12

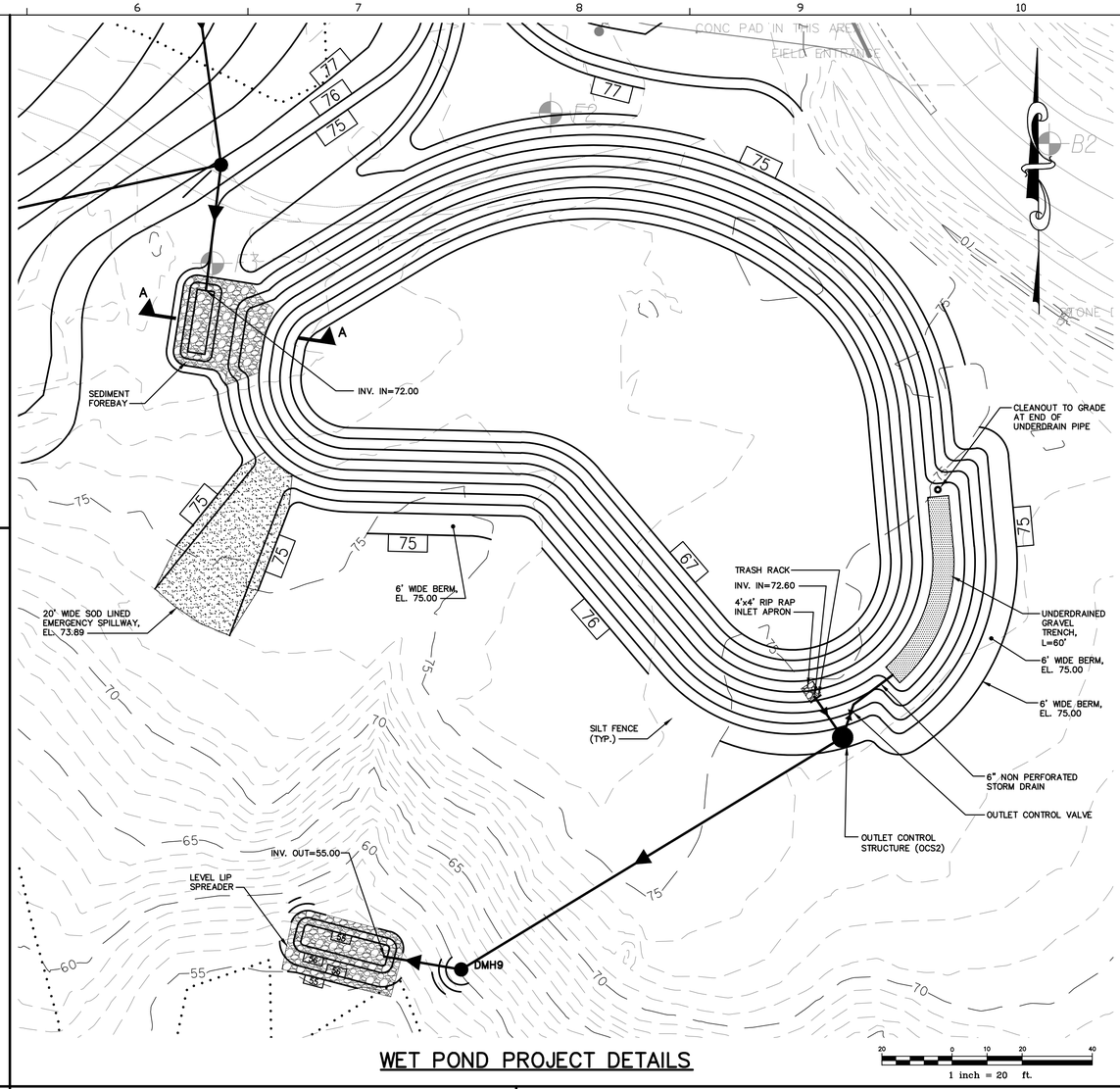
LEVEL LIP SPREADER		
LEVEL LIP	ELEVATION	LENGTH
1	55.0	25'



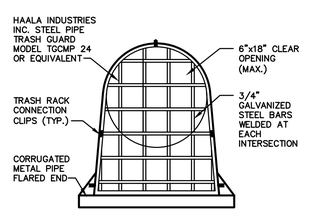
NOTES:

1. PRIOR TO CONSTRUCTION OF ANY ONSITE DRAINAGE FEATURES, THE CONTRACTOR SHALL STAKE OUT THE LEVEL LIP SPREADERS FOR REVIEW BY GORRILL–PALMER. THE CONTRACTOR SHALL NOTIFY GORRILL–PALMER WHEN STAKE OUT IS COMPLETE, AND PROVIDE GROUND SURVEYED ELEVATIONS OF THE LEVEL LIP SPREADER LOCATION. GORRILL–PALMER WILL CONDUCT A SITE WALK WITHIN 48 HOURS TO CONFIRM LOCATION AND ORIENTATION TO VERIFY DESIGN INTENT.

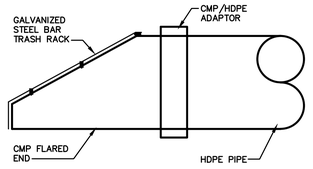
STONE BERM LEVEL LIP SPREADER
NOT TO SCALE



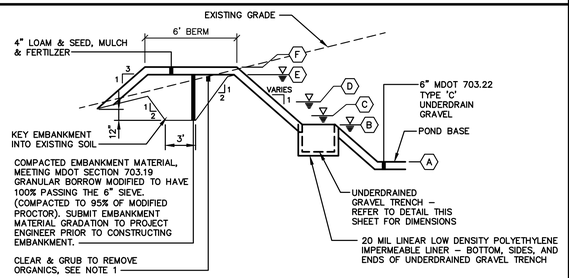
WET POND PROJECT DETAILS



FRONT VIEW



SIDE VIEW
TRASH RACK
NOT TO SCALE



SCHEDULE B EMBANKMENT SCHEDULE	
ITEM DESCRIPTION	DIMENSION/ELEVATION
(A) POND BASE ELEVATION	67.00
(B) PERMANENT POOL ELEVATION	71.56
(C) PEAK ELEVATION – CHANNEL PROTECTION VOLUME	72.54
(D) PEAK ELEVATION – 2 YEAR STORM	72.88
(E) PEAK ELEVATION – 25 YEAR STORM	73.77
(F) TOP OF BERM	75.00

NOTES:

1. EMBANKMENT FOOTPRINT SHALL BE CLEARED OF TRASH/DEBRIS AND ANY ROCKS GREATER THAN 6", BE FREE OF ANY STANDING WATER, BE GRADED TO BE NO STEEPER THAN 1H:1V, BE SCARIFIED PRIOR TO EMBANKMENT FILL PLACEMENT, AND BE INSPECTED AND APPROVED BY THE PROJECT ENGINEER BEFORE FILL PLACEMENT BEGINS.

TYPICAL WET POND CROSS SECTION
NOT TO SCALE

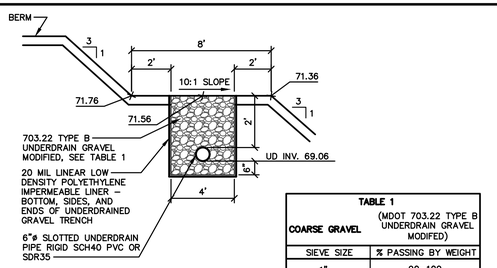
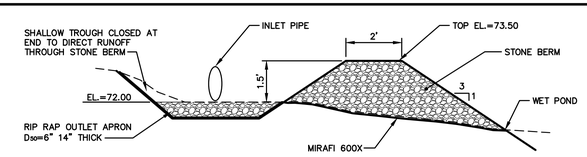


TABLE 1 (MDOT 703.22 TYPE B UNDERDRAIN GRAVEL MODIFED)	
COARSE GRAVEL	
SIEVE SIZE	% PASSING BY WEIGHT
1"	90–100
1/2"	75–100
#4	50–100
#20	15–80
#50	10–15
#200	0–5

UNDERDRAINED GRAVEL TRENCH
NOT TO SCALE



SEDIMENT FOREBAY SECTION A–A
NOT TO SCALE

BERM STONE SIZE

SIEVE DESIGNATION (US CUSTOMARY)	PERCENT BY WEIGHT PASSING
12 IN	100
6 IN	84–100
3 IN	68–83
1 IN	42–55
NO. 4	8–12

PROJECT KEY PLAN

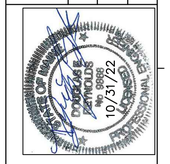
PROJECT NORTH
true north
W E
S

GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03



INFORMATION			
PROJECT	–	–	–
PROGRAM	–	–	–
PROJECT MANAGER	–	AECOM	–
DESIGNER	–	–	–
CONSULTANT	–	–	–
PROJECT RESIDENT	–	–	–
CONTRACTOR	–	–	–
PROJECT COMPLETION DATE	–	–	–

SIGNATURE

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

WET POND PLAN AND DETAILS

SHEET NUMBER
C406

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-05-GRADE.dwg Oct 31, 2022 - 10:13am

NOTES:

1. CONDITION AND USEABILITY OF EXISTING CONTROLLER PAD, JUNCTION BOXES, SIGNAL FOUNDATIONS, AND SIGNAL CONDUIT SHALL BE INVESTIGATED BY THE CONTRACTOR PRIOR TO ANY ADDITIONAL WORK TO INSTALL FLASHING BEACONS. RESULTS OF THE INVESTIGATION SHALL BE REPORTED IN WRITING TO THE RESIDENT AND MAINE DOT PRIOR TO BEGINING ANY OF THE INTERSECTION WORK FOR THIS PROJECT.

2. THE BOTTOM OF THE HOUSING OF THE FLASHING BEACON FACE SHALL BE AT LEAST 16 FEET BUT NOT MORE THAN 19 FEET ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.

3. ALL MATERIALS AND WORK COMPLETED UNDER THIS CONTRACT SHALL CONFORM TO THE MAINEDOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND STANDARD DETAILS AND WITH THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

4. UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR FINDING EXACT LOCATIONS OF UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT DIG SAFE AT 1-888-DIG-SAFE.

5. CONTRACTOR SHALL CONTACT AND COORDINATE WITH UTILITIES UPON AWARD OF THE CONTRACT.

6. THE PROPOSED FLASHING BEACON SHALL BE INPUT BY THE CONTRACTOR UNDER OBSERVATION BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE ENGINEER.

7. THE CONTRACTOR IS RESPONSIBLE FOR ALL OPENING PERMITS AND ANY FEES ASSOCIATED WITH THEM.

8. ALL EQUIPMENT SHALL MEET OR EXCEED THE MAINEDOT SIGNAL STANDARDS.

9. LOCATION OF ALL FLASHING BEACON EQUIPMENT SHALL BE ESTABLISHED IN THE FIELD WITH THE MAINEDOT AND ENGINEER PRIOR TO INSTALLATION.

10. THE CONTRACTOR MUST MEET ALL UTILITY REQUIREMENTS FOR THE SERVICE CONNECTION.

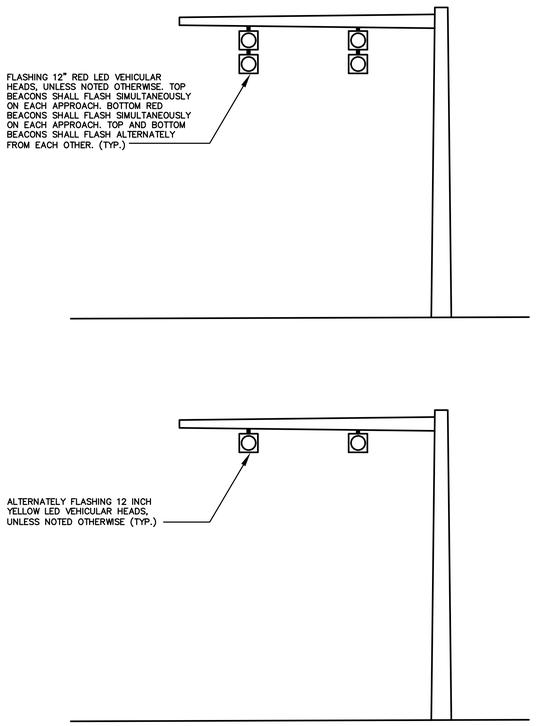
11. ALL SPLICES WILL MEET MAINEDOT SPECIFICATIONS.

12. IT IS THE INTENT OF THIS WORK TO HAVE A COMPLETE OPERATIONAL, TESTED AND ACCEPTED FLASHING BEACON UPON COMPLETION OF THIS CONTRACT.

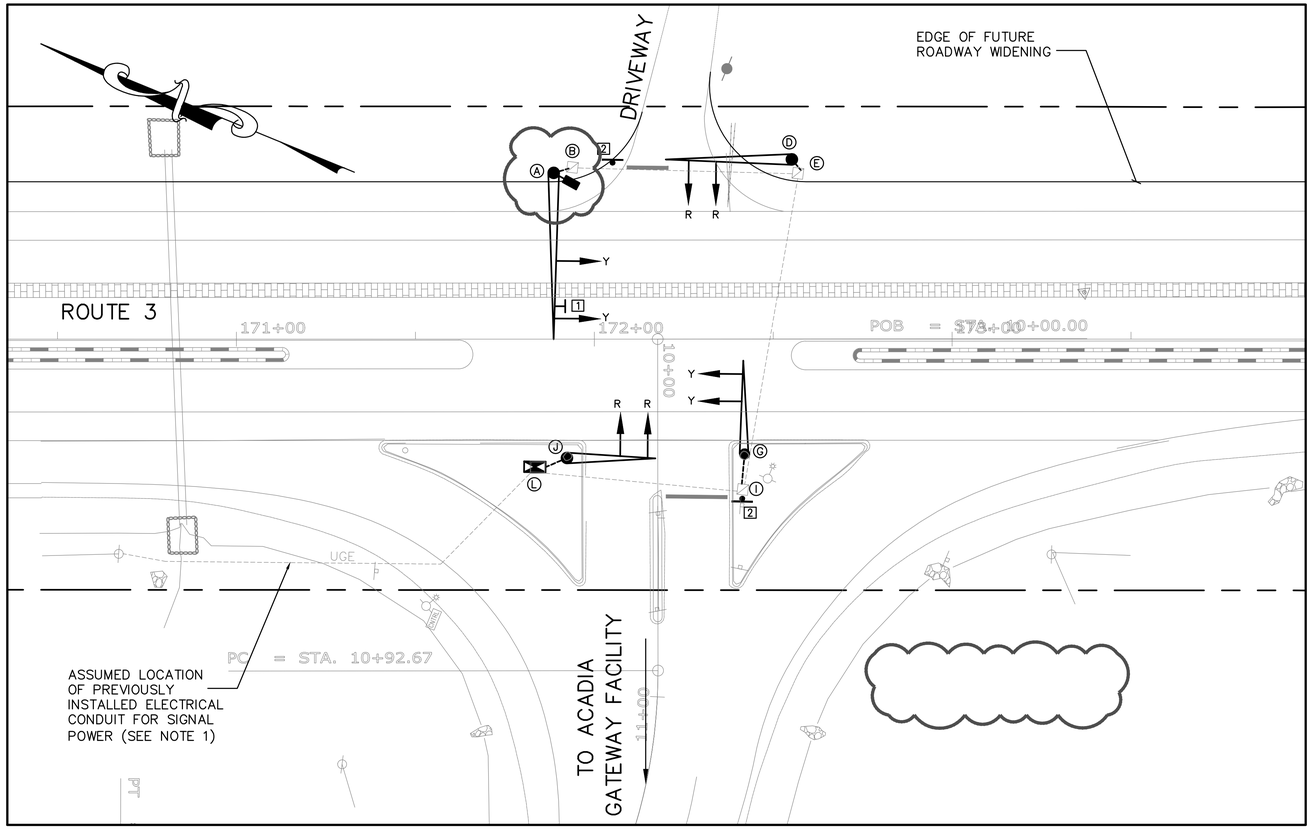
13. ALL NEW SIGNS SHALL MEET MUTCD SPECIFICATIONS, INCLUDING INSTALLATION.

14. ANY WORK NEAR OR IN ROUTE 3 SHALL MAINTAIN TWO-WAY TRAFFIC ON ROUTE 3 AT ALL TIMES.

15. VIDEO CAMERA AND SOFTWARE TO BE INSTALLED AND SET UP TO COLLECT ON-GOING TURNING MOVEMENT VOLUMES. PLACEMENT OF CAMERA AND INSTALLATION OF SOFTWARE SHALL MEET MANUFACTURERS REQUIREMENTS AND FINAL INSTALLATION SHALL BE REVIEWED AND APPROVED BY THE MAINEDOT.



TYPICAL FLASHING BEACON INSTALLATION
(ITEM NO. 643.60)



1 inch = 20 ft.

LEGEND

- ELECTRIC METER
- MAST POLE WITH MAST ARM
- FLASHING BEACON (Y=YELLOW, R=RED)
- JUNCTION BOX
- CONDUIT (IF NEEDED)
- OVERHEAD SIGNS
- LUMINAIRE
- VIDEO CAMERA

SIGN LEGEND

LEFT TURN MUST YIELD	STOP
24"x36" [1] MOUNTED ON MAST ARM	30"x30" [2]

CONDUIT SCHEDULE

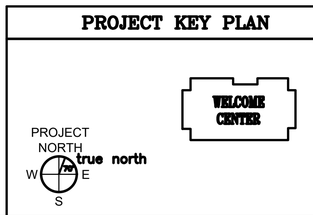
RUN	CENTER TO CENTER (LINEAR FEET)	COMMENTS
A-B	6	3" PVC
B-E	63	3" PVC
E-I	89	3" PVC
D-E	5	3" PVC
G-I	8	3" PVC
J-L	10	3" PVC
I-L	55	3" PVC

ALL PVC SHALL BE SCHEDULE 80

EQUIPMENT SCHEDULE

DESIGNATION	ITEM	DESCRIPTION
A	PROPOSED MAST POLE/ARM	NEW MAST POLE WITH 45 FOOT MAST ARM ON EXISTING 30" CONCRETE FOUNDATION. FATIGUE CATEGORY I.
B,E,I	EXISTING JUNCTION BOX	
D	PROPOSED MAST POLE/ARM	NEW MAST POLE WITH 40 FOOT MAST ARM ON EXISTING 30" CONCRETE FOUNDATION. FATIGUE CATEGORY I.
G	PROPOSED MAST POLE/ARM	NEW MAST POLE WITH 30 FOOT MAST ARM ON EXISTING 30" CONCRETE FOUNDATION. FATIGUE CATEGORY III.
J	PROPOSED MAST POLE/ARM	NEW MAST POLE WITH 30 FOOT MAST ARM ON EXISTING 30" CONCRETE FOUNDATION. FATIGUE CATEGORY III.
L	PROPOSED ELECTRIC METER	NEW ELECTRIC METER ON EXISTING CONCRETE FOUNDATION

PROJECT KEY PLAN



GORRILL PALMER
Relationships. Responsiveness. Results.
www.gorrillpalmer.com
207.772.2515

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

DOUGLAS ARTHUR ARMOUR 10/31/22 REGISTERED PROFESSIONAL ENGINEER

PROJECT INFORMATION		SIGNATURE	DATE
PROGRAM	-	-	-
PROJECT MANAGER	-	AECOM	-
DESIGNER	-	-	-
CONSULTANT	-	-	-
PROJECT RESIDENT	-	-	-
CONTRACTOR	-	-	-
PROJECT COMPLETION DATE	-	-	-

ENG. LIN. NUMBER 6251

DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ROUTE 3 FLASHING BEACON PLAN

SHEET NUMBER
C501

U:\1826.05_AECOM_Acadia Gateway Center_2021 Construction Documents\Z - CAD\DWG\1826-01-ROUTE3-IMPROVEMENTS.dwg Oct 31, 2022 - 10:13am

SYMBOLS

	COMPOUND PRESSURE GAUGE		PRESSURE RELIEF VALVE
	PRESSURE GAUGE 0-100 PSI		MOTORIZED BALL VALVE
	PRESSURE SUSTAINING VALVE		ISOLATION VALVE
	TEMPERATURE GAUGE		CHECK VALVE
T	TEMPERATURE SENSOR	P	DIFFERENTIAL PRESSURE TRANSDUCER
PS	PRESSURE SWITCH SET TO 85 PSI		CIRCUIT SETTER
	PETE'S TEST PORT		CONCENTRIC REDUCER
	PUMP		PUMP CONTROLLER
	3 WAY VALVE		CIRCUIT SETTER
	EXPANSION TANK		STRAINER
F	FLOW METER		FLUSH/PURGE TANK

HATCHES

CONCRETE / FACILITY · FINISHED GRADE · BEDROCK · OVERBURDEN · FOAM

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
G-001	GEOTHERMAL EARTH COUPLING
G-002	DETAILS
G-003	GSHX SITE LAYOUT
G-004	GEOTHERMAL TESTING METHODS

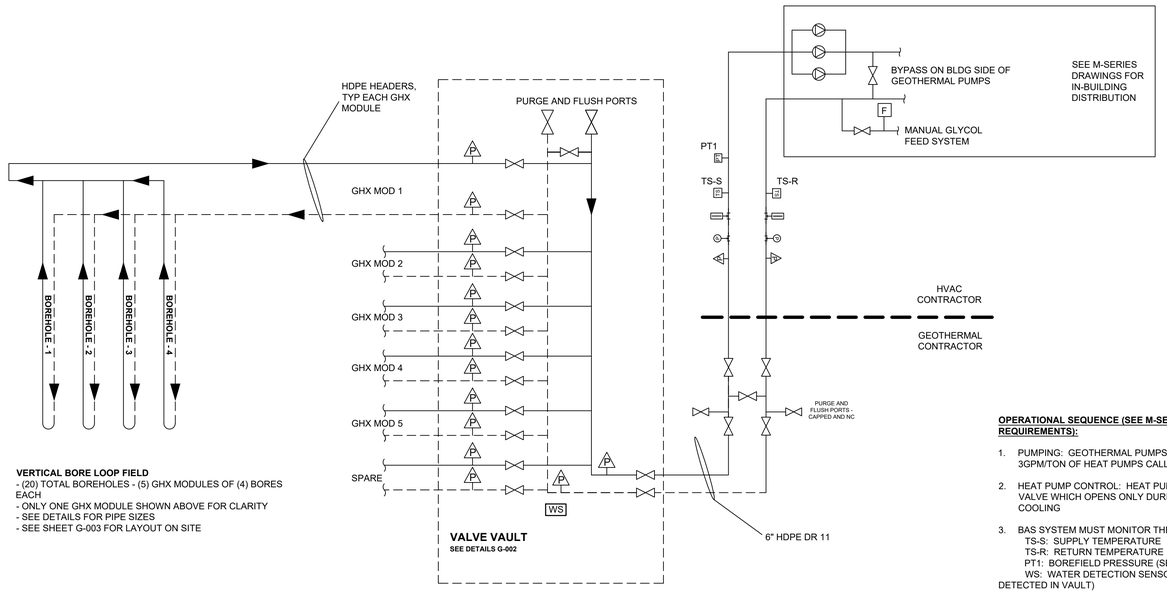
GENERAL NOTES

DESIGN BASIS:

1. HEATING/COOLING PEAK LOADS PER ALLIED ENG 10/20/21, AND ANNUAL ENERGY BASIS PER THORNTON TOMASETTI 11/05/21
   -HEATING PEAK LOAD 682 MBH
   -NO DOMESTIC HOT WATER
   -ANNUAL HEATING COIL LOAD 278.8 MMBTU
   -COOLING PEAK LOAD 661.4MBH
   -ANNUAL COOLING COIL LOAD 215.2.0 MMBTU
2. THE SYSTEM IS BASED ON TWO (2) MULTISTACK MS010X AND TWO(2) MS 020X HEAT PUMP MODULES, OPTIMIZED FOR 172GPM PEAK FLOW.
3. EARTH COUPLING SIZING IS BASED ON 430FT INSTALLED UBEND LENGTH. THE ESTIMATED AVERAGE THERMAL PROPERTY BASIS USED ARE THERMAL CONDUCTIVITY =1.5 BTU/HR-FT-F, AND THERMAL DIFFUSIVITY = 1.0 FT^2/DAY, WITH 50F MEAN EARTH TEMPERATURE. HIGH CONDUCTIVITY GROUT OF 1.4 BTU/HR-FT-F MINIMUM IS REQUIRED.
4. FROM THE ABOVE LOAD AND ENERGY BASIS, ALONG WITH DESIGN DETAILS HEREIN, THE ENTERING WATER TEMPERATURE FROM THE GEOTHERMAL SYSTEM DESIGN LIMITS ARE 32F MINIMUM, 85F MAXIMUM.
5. SEE SPECIFICATION 237000 FOR DETAILS ON INSTALLATION AND STARTUP OF GEOTHERMAL BOREFIELD AND SYSTEM.

GENERAL NOTES:

1. TWENTY (20) VERTICAL LOOPS AT 430' DEPTH PLANNED TO CONSIST OF 1¼" DIA SDR-11 HDPE U-BEND PIPES.TRENCHING, SAND BEDDING, BACKFILL, AND VAULT INSTALLATION BY GEOTHERMAL CONTRACTOR. ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS MUST BE MET.
2. GEOTHERMAL CONTRACTOR TO TEST, BACK FILL AND CHARGE LOOP WITH 25% SOLUTION BY VOLUME OF PROPYLENE GLYCOL ANTIFREEZE PER SPECIFICATIONS.
3. ALL NON-MANIFOLD PIPING SHALL BE SIZED TO NOT EXCEED 5.0 FPS AT PEAK FLOW.
4. TOTAL DYNAMIC HEAD OF GEOTHERMAL CIRCULATOR PUMP TO BE FINALIZED AFTER BORES AND MANIFOLD HAVE BEEN FINALIZED TO PREVENT UNDER OR OVERSIZING.
5. ALL HORIZONTAL UNDERGROUND PIPING TO BE HDPE PER SPECIFICATION & MIN 4' DEPTH.
6. ALL UNDERGROUND CONNECTIONS TO BE HEAT FUSED BY AN IGSHPA CERTIFIED INSTALLER.
7. ALL VERTICAL LOOPS MUST BE ±10% IN LENGTH OF ONE ANOTHER & BALANCED TO PROVIDE CONSISTENT FLOWS AND HEAT TRANSFER.
8. THE CONTENT WITHIN THIS SHEET IS A SCHEMATIC VIEW FOR ILLUSTRATIVE PURPOSES ONLY. PIPING DETAILS NOT SHOWN.
9. ALL BOREHOLE PARAMETERS SHOWN ARE TYPICAL & SUBJECT TO CHANGE AFTER BORES ARE DRILLED TESTED
10. INSTALLED U-BENDS IN BORES SHALL BE GROUTED PER SPECIFICATIONS
11. ALL BOREHOLES SHALL BE IN PARALLEL CONFIGURATION WITH UNIFORM DEPTHS.
12. PRIOR TO ADDING ANTIFREEZE, WATER IN GSHX MUST MEET THE MINIMUM WATER QUALITY STANDARDS OF THE ANTIFREEZE AND HEAT PUMP MANUFACTURERS. IN-PLACE CONDITIONING OF THE GSHX WATER MAY BE NECESSARY.
13. SYSTEM SHALL BE PRE-CHARGED TO 50PSI FOR WINTER INSTALLATION, 30PSI FOR SUMMER INSTALLATION.
14. INSULATE ANY WATER BEARING CONDUITS WITHIN 5FT OF GEOTHERMAL HDPE PIPING PER 3.1 OF SPECIFICATION 48 16 00.
15. GEOTHERMAL CONTRACTOR SHALL INSTALL MAIN SUPPLY/RETURN HDPE PIPES FROM VAULT INTO BUILDING, AND INSTALL HDPE VALVING INSIDE MECHANICAL ROOM AS SHOWN. HDPE SHALL BE ROUTED THROUGH THE FOUNDATION VIA PRECAST FEEDTHROUGHS. FOUNDATION PENETRATIONS SHALL BE SEALED WITH LINKSEAL, OR OTHER APPROVED METHOD. COORDINATE MAIN SUPPLY/RETURN PIPES INTERFACE TO IN-BUILDING PIPING WITH MECHANICAL CONTRACTOR.



VERTICAL BORE LOOP FIELD
- (20) TOTAL BOREHOLES - (5) GHX MODULES OF (4) BORES EACH
- ONLY ONE GHX MODULE SHOWN ABOVE FOR CLARITY
- SEE DETAILS FOR PIPE SIZES
- SEE SHEET G-003 FOR LAYOUT ON SITE

GEOTHERMAL EARTH COUPLING SYSTEM SCHEMATIC
NTS

OPERATIONAL SEQUENCE (SEE M-SERIES DWGS FOR FURTHER REQUIREMENTS):

1. PUMPING: GEOTHERMAL PUMPS TO PROVIDE NOMINAL 3GPM/TON OF HEAT PUMPS CALLED TO HEAT OR COOL
2. HEAT PUMP CONTROL: HEAT PUMPS MUST HAVE CONTROL VALVE WHICH OPENS ONLY DURING CALL FOR HEATING OR COOLING
3. BAS SYSTEM MUST MONITOR THE FOLLOWING:
   TS-S: SUPPLY TEMPERATURE
   TS-R: RETURN TEMPERATURE
   PT1: BOREFIELD PRESSURE (SET ALARM IF BELOW 15PSI)
   WS: WATER DETECTION SENSOR (SET ALARM IF WATER DETECTED IN VAULT)

THE ABOVE MONITORED DATA MUST BE LOGGED AND ACCESSIBLE FOR A MINIMUM OF 1 YEAR FOR TROUBLESHOOTING PURPOSES.

TYPICAL REVERSE-RETURN GHX MODULE

SUPPLY SEGMENT[1]	PIPE	NOM SIZE (IN)	PEAK DESIGN FLOW (GPM)	PEAK PRESS. DROP (FT WC)[2]	MINIMUM PURGING FLOW (GPM)	PURGING PRESS. DROP (FT WC)[3]	PURGING VELOCITY (FT/S)
Bldg-Vault	HDPE DR-11	6	172.0	3.3	180.0	2.7	2.5
Vault-a	HDPE DR-11	2	34.4	6.8	35.7	4.8	3.9
a-b	HDPE DR-11	2	25.8	0.6	26.8	0.5	2.9
b-c	HDPE DR-11	1.5	17.2	0.9	17.9	0.7	3.0
c-d	HDPE DR-11	1.25	8.6	0.5	8.9	0.4	2.0
U-bend	HDPE DR-11	1.25	8.6	20.1	8.9	15.5	2.0
Entire System[4]	-	-	172.0	32.7	250.0	24.9	-

[1] RETURN PATH IS MIRROR OF SUPPLY PATH, AND NOTED WITH ' (I.E. a'-b' IS A RETURN SEGMENT AND SAME AS SUPPLY SEGMENT a-b)
[2] DESIGN PRESSURE DROP AT PEAK HEATING DESIGN FLOW WITH 25% PROPYLENE GLYCOL BY WEIGHT AT 32F FOR HIGHEST PD GHX MODULE
[3] PURGE PRESSURE DROP AT MIN PURGE FLOW, WITH WATER AT 50F, TO PROVIDE MINIMUM OF 2 FT/SEC FLOW IN ENTIRE CIRCUIT FOR HIGHEST PD GHX MODULE.
[4] INCLUDES MAIN SUPPLY AND RETURN PIPING FROM ISOLATION VALVES IN BUILDING THROUGH VAULT AND HIGHER PD GHX MODULE

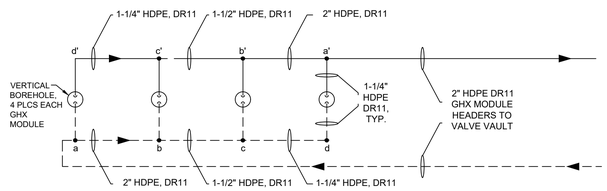
GHX SYSTEM DESIGN INFORMATION

ITEM	PEAK FLOW (GPM)	PEAK PRESS. DROP (FT WC)[1]	PURGING PRESS. DROP (FT WC)[2]
GHX MOD 1	34.4	29.0	20.3
GHX MOD 2	34.4	29.0	20.3
GHX MOD 3	34.4	28.2	19.7
GHX MOD 4	34.4	29.0	20.3
GHX MOD 5	34.4	29.0	20.3

[1] DESIGN PRESSURE DROP AT PEAK SYSTEM FLOW WITH 25% PROPYLENE GLYCOL BY WEIGHT AT 32F
[2] PURGING PRESSURE DROP AT MINIMUM PURGING FLOW WITH WATER AT 50F

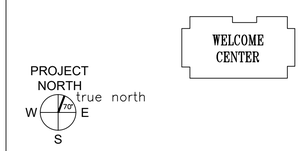
HDPE PIPING AND VOLUME ESTIMATES

GHX MODULE #	APPROXIMATE LENGTHS OF PIPE (FT) 1-1/4" HDPE SDR11	1.5" HDPE SDR11	2" HDPE SDR11	6" HDPE SDR11	ESTIMATED VOLUME (GAL)
1	3540	40	150	0	294
2	3540	40	150	0	294
3	3540	40	150	0	294
4	3520	40	140	0	291
5	3540	40	150	0	294
Main SR	0	0	0	400	558
Total	**17680**	**200**	**740**	**400**	**2023**



TYP. VERTICAL BORE GHX MODULE, 1 OF 5 SHOWN
NTS

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

STATE OF MAINE · TIMOTHY M. ROOS · No. 12478 · PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ENG. LIC. NUMBER 12478

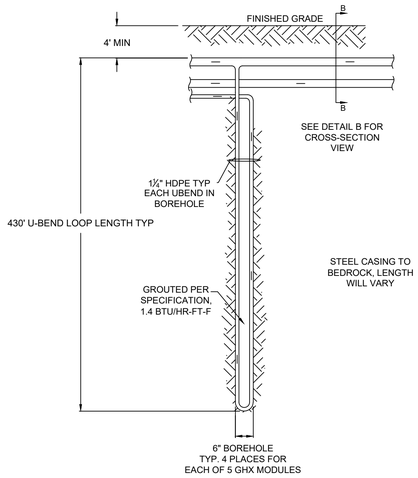
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

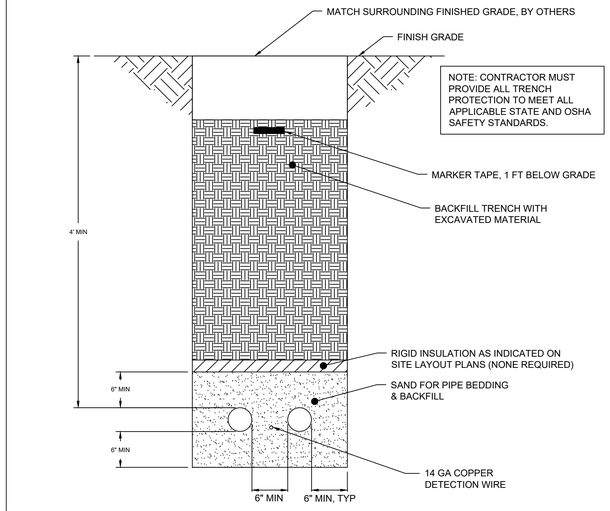
GEOTHERMAL
EARTH COUPLING

SHEET NUMBER

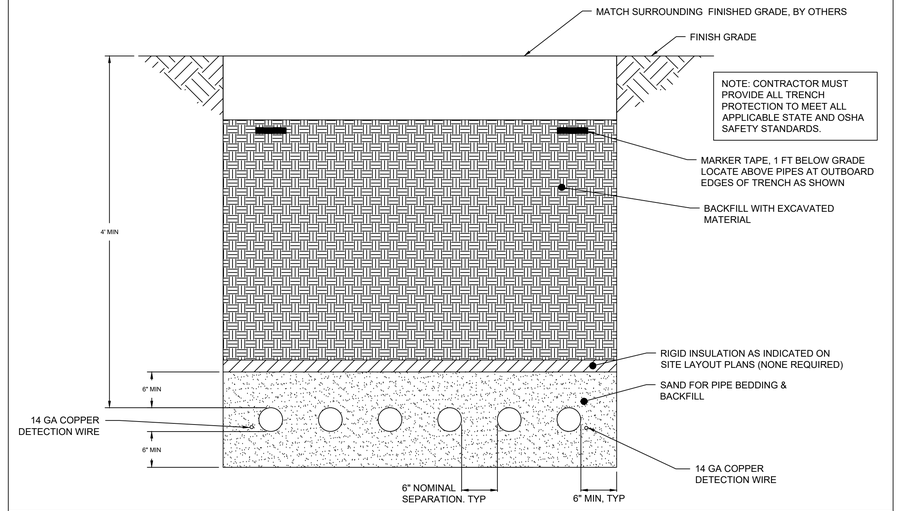
G-001



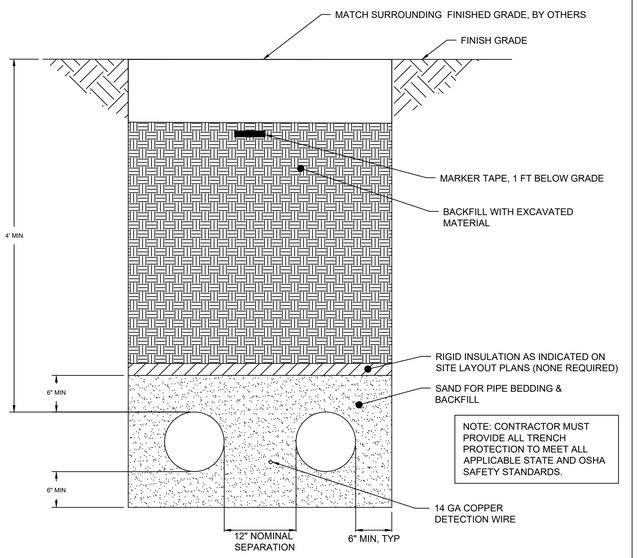
DETAIL		SCALE
A	**VERTICAL BORE DETAIL**	N.T.S.



DETAIL		SCALE
B	TRENCH FOR SINGLE SUPPLY/RETURN PIPE PAIR UP TO 4" DIAMETER	N.T.S.

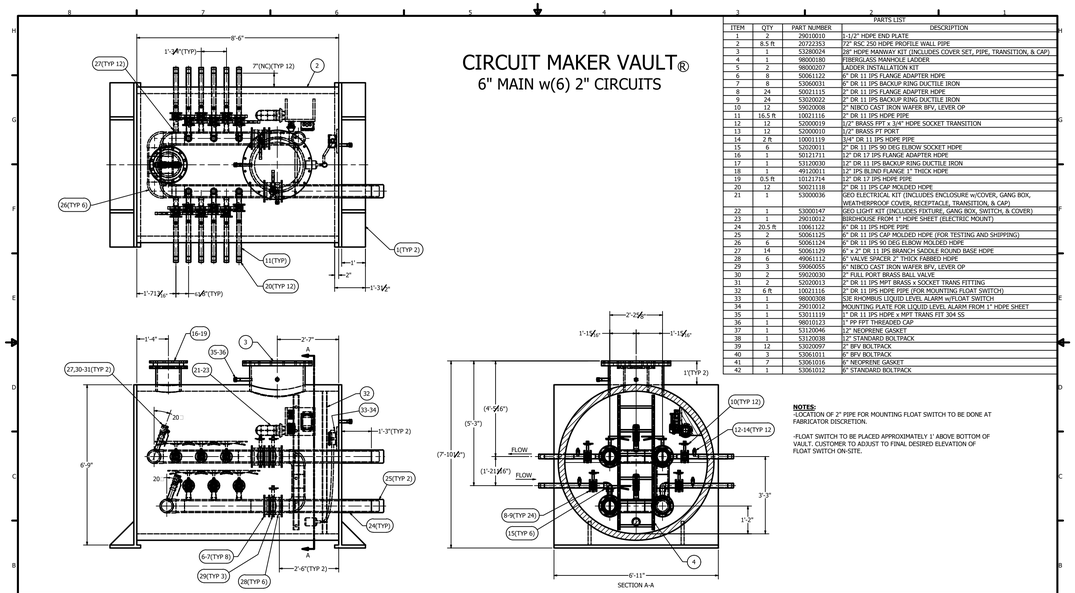


DETAIL		SCALE
C	COMMON TRENCH FOR MULTIPLE SUPPLY RETURN PIPE PAIRS UP TO 4" DIAMETER	N.T.S.



DETAIL		SCALE
D	TRENCH FOR SINGLE SUPPLY/RETURN PIPE PAIR GREATER THAN 4" DIAMETER	N.T.S.

CIRCUIT MAKER VAULT®
6" MAIN w(6) 2" CIRCUITS



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	29010010	1-1/2" HDPE END PLATE
2	8.5 ft	20722353	7/2" ISC 250 HDPE PROFILE WALL PIPE
3	1	53280024	28" HDPE MANWAY KIT (INCLUDES COVER SET, PIPE, TRANSITION, & CAP)
4	1	98000180	FIBERGLASS MANHOLE LADDER
5	2	98000207	LADDER INSTALLATION KIT
6	8	50061122	6" DR 11 IPS FLANGE ADAPTER HDPE
7	8	53060031	6" DR 11 IPS BACKUP RING DUCTILE IRON
8	24	50021115	2" DR 11 IPS FLANGE ADAPTER HDPE
9	24	53020022	2" DR 11 IPS BACKUP RING DUCTILE IRON
10	12	59020008	2" NIBCO CAST IRON WAFER BFV, LEVER OP
11	16.5 ft	10021116	2" DR 11 IPS HDPE PIPE
12	12	52000019	1/2" BRASS FPT x 3/4" HDPE SOCKET TRANSITION
13	12	52000010	1/2" BRASS PT PORT
14	2 ft	10001119	3/4" DR 11 IPS HDPE PIPE
15	6	52020011	2" DR 11 IPS 90 DEG ELBOW SOCKET HDPE
16	1	50127711	12" DR 17 IPS FLANGE ADAPTER HDPE
17	1	53120030	12" DR 11 IPS BACKUP RING DUCTILE IRON
18	1	49120011	12" IPS BLIND FLANGE 1" THICK HDPE
19	0.5 ft	10121714	12" DR 17 IPS HDPE PIPE
20	12	50021118	2" DR 11 IPS CAP MOLDED HDPE
21	1	53000036	GEO ELECTRICAL KIT (INCLUDES ENCLOSURE w/COVER, GANG BOX, WEATHERPROOF COVER, RECEPTACLE, TRANSITION, & CAP)
22	1	53000147	GEO LIGHT KIT (INCLUDES FIXTURE, GANG BOX, SWITCH, & COVER)
23	1	29010012	BIRDHOUSE FROM 1" HDPE SHEET (ELECTRIC MOUNT)
24	20.5 ft	10061122	6" DR 11 IPS HDPE PIPE
25	2	50061125	6" DR 11 IPS CAP MOLDED HDPE (FOR TESTING AND SHIPPING)
26	6	50061124	6" DR 11 IPS 90 DEG ELBOW MOLDED HDPE
27	14	50061129	6" x 2" DR 11 IPS BRANCH SADDLE ROUND BASE HDPE
28	6	49061112	6" VALVE SPACER 2" THICK FABBED HDPE
29	3	59060055	6" NIBCO CAST IRON WAFER BFV, LEVER OP
30	2	59020030	2" FULL PORT BRASS BALL VALVE
31	2	52020013	2" DR 11 IPS MPT BRASS x SOCKET TRANS FITTING
32	6 ft	10021116	2" DR 11 IPS HDPE PSPE (FOR MOUNTING FLOAT SWITCH)
33	1	98000308	SJE RHOMBUS LIQUID LEVEL ALARM w/FLOAT SWITCH
34	1	29010012	MOUNTING PLATE FOR LIQUID LEVEL ALARM FROM 1" HDPE SHEET
35	1	53011119	1" DR 11 IPS HDPE x MPT TRANS FIT 304 SS
36	1	98010123	1" PP FPT THREADED CAP
37	1	53120046	12" NEOPRENE GASKET
38	1	53120038	12" STANDARD BOLTPACK
39	12	53020097	2" BFV BOLTPACK
40	3	53061011	6" BFV BOLTPACK
41	7	53061016	6" NEOPRENE GASKET
42	1	53061012	6" STANDARD BOLTPACK

NOTES:
-LOCATION OF 2" PIPE FOR MOUNTING FLOAT SWITCH TO BE DONE AT FABRICATOR DISCRETION.

-FLOAT SWITCH TO BE PLACED APPROXIMATELY 1' ABOVE BOTTOM OF VAULT. CUSTOMER TO ADJUST TO FINAL DESIRED ELEVATION OF FLOAT SWITCH ON-SITE.

THIS DRAWING IS INTELLECTUAL PROPERTY OF ISCO INDUSTRIES, INC. ("ISCO"). IT IS INTENDED FOR THE IDENTIFICATION OF THE GOOD(S) DEPICTED AND SHALL NOT BE REPRODUCED, COPIED, OR USED BY ANY PERSON OTHER THAN AN AUTHORIZED AGENT OF ISCO. THE USE OF THIS DRAWING IS NOT INTENDED TO REPLACE THE EVALUATION, JUDGMENT AND/OR OPINION OF A LICENSED PROFESSIONAL AND THE USE OF THIS DRAWING EXPRESSLY ASSUMES AND RELEASES ISCO FROM ALL RISK AND LIABILITY ASSOCIATED THEREWITH. THE GOODS DEPICTED IN THIS DRAWING ARE SUBJECT TO ISCO'S STANDARD TERMS AND CONDITIONS OF SALE SET FORTH AT WWW.ISCO-PIPE.COM AND ARE NON-RETURNABLE.

TOLERANCE STANDARDS AS MEASURED AT AMBIENT TEMPERATURE:
-ISCO SHALL MAINTAIN A FABRICATION TOLERANCE OF ± 1/2" FOR ALL DIMENSIONS SHOWN.
-ISCO SHALL MAINTAIN A FABRICATION TOLERANCE OF ± 2° FOR ALL ANGLES SHOWN.
-(NC) MARKS A DIMENSION THAT IS FOR REFERENCE ONLY.
-(NC) MARKS A DIMENSION THAT IS NOT CRITICAL AND REQUIRES NO NOTIFICATION OF DEVIATION BY FABRICATOR.
-SPECIFIC TOLERANCES MAY BE PROVIDED BY CUSTOMER BUT MUST BE APPROVED BY ISCO INDUSTRIES AND NOTED ON DRAWING PRIOR TO FABRICATION.
*UNLESS OTHERWISE SPECIFIED.

GENERAL NOTES:
STRUCTURE OUTLETS NOT DESIGNED AS ANCHOR POINTS FOR CONNECTED PIPING.

REVISION HISTORY

REV	DESCRIPTION	DATE	BY

TESTING
REQUIRED: YES
TYPE: AIR(STRUCTURE); HYDRO(MANIFOLD)
PRESSURE: 1.5 PSI(AIR); (90 PSI(HYDRO)
DURATION: 30 MIN(AIR); 30 MIN(HYDRO)

www.isco-pipe.com 1-800-345-4726

APPROVED BY: DATE:
MO #:
DRAWN BY: DATE: 11/22/2021
DKS
REVIEWED BY: DATE: 11/22/2021
PA

CUSTOMER NAME: WELLSPRING GEO (ACADIA)
DRAWING TITLE: 72" GEO VAULT w(6) 6" x 2" CIRCUITS
REV: D
DWG FILE LOCATION: DN/AIS/SL/WELLSPRING GEO (ACADIA)-112221
SHEET: 1 OF 2
DIRECTOR REPRESENTATIVE: STUART CAE

HDPE VAULT REQUIREMENTS

1. SEE SPECIFICATION 237000 FOR DETAILED REQUIREMENTS OF HDPE VAULT, INCLUDING INSTALLATION.
2. MUST HAVE THE FOLLOWING:
   - 2.1. 6" MAIN SUPPLY/RETURN PIPING
   - 2.2. 2" GHX MODULE CIRCUIT SUPPLY/RETURN PIPING, 5 PLACES
   - 2.3. P/T PORTS ON ALL CIRCUITS AND MAINS
   - 2.4. FULL SIZED CIRCUIT SETTER ON EACH CIRCUIT
   - 2.5. BUTTERFLY SHUTOFF VALVES ON ALL CIRCUITS AND MAINS
   - 2.6. OSHA MANWAY AND LADDER
   - 2.7. FULL SIZE BYPASS VALVE CONNECTING SUPPLY AND RETURN HEADERS
   - 2.8. PURGE AND FLUSH PORTS WITH ISOLATION VALVES
   - 2.9. 16" TOP PORT AT OPPOSITE END FROM MANWAY
   - 2.10. PREWIRED LIGHTING AND 120V OUTLET
3. MUST BE INSTALLED WITH ANTI-BOUYANCY MEASURES PER THE MANUFACTURER
4. MUST BE INSTALLED WITH RECOMMENDED BACKFILL PER THE MANUFACTURER
5. WATER DETECTION SENSOR SHALL BE INSTALLED BY VAULT MANUFACTURER AND CONNECTED TO BUILDING BAS

HDPE GEOTHERMAL VALVE VAULT
THIS DETAIL IS PROVIDED TO SHOW THE INTENT OF THE DESIGN. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION. EQUAL PRODUCTS MAY BE SUBMITTED AND APPROVED.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE		
FED PIN NO: NA		
WIN NO: 017163.02 & 017163.03		

STATE OF MAINE · TIMOTHY M. ROOS · No. 12478 · REGISTERED PROFESSIONAL ENGINEER

PROJECT INFORMATION			
PROGRAM	–	–	–
PROJECT MANAGER	–	–	–
DESIGNER	AECOM		
CONSULTANT	–	–	–
PROJECT RESIDENT	–	–	–
CONTRACTOR	–	–	–
PROJECT COMPLETION DATE	–	–	–

SIGNATURE

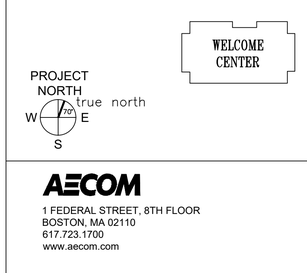
ENG. LIC. NUMBER 12478

DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

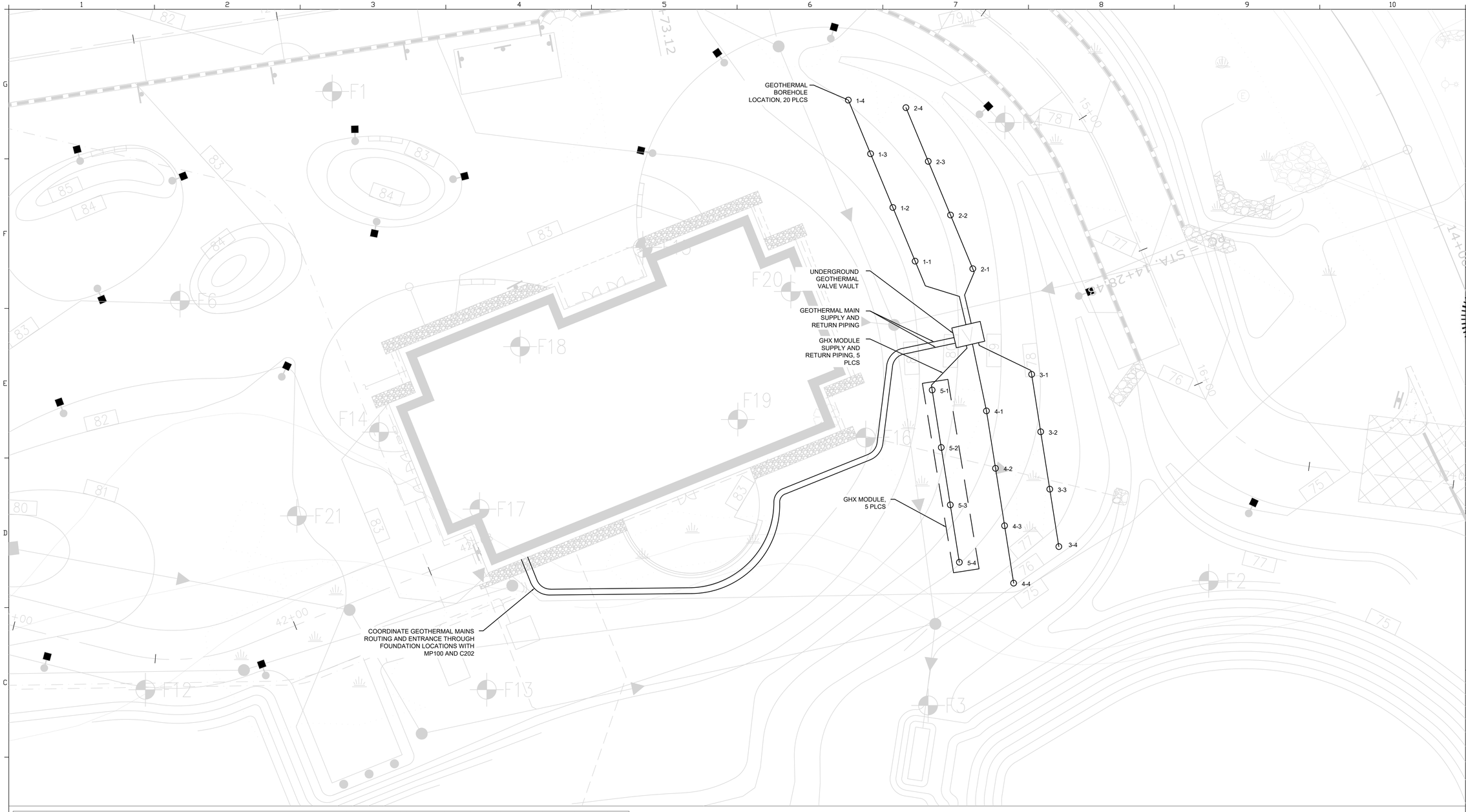
GEOTHERMAL DETAILS

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

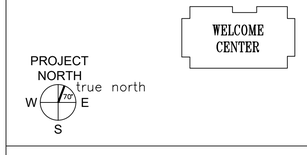
SHEET NUMBER
G-002



SITE LAYOUT NOTES:

1. THE GEOTHERMAL BORE FIELD CONSISTS OF TWENTY (20) VERTICAL CLOSED LOOP BORES.
2. HORIZONTAL PIPING SHALL CONNECT THE BORES TO THE UNDERGROUND VALVE VAULT IN FIVE (5) GHX MODULES. EACH GHX MODULE SHALL BE PIPED WITH STEP-DOWN REVERSE RETURN TO BALANCE PRESSURE DROP ACROSS THE BORES. VALVE VAULT SHALL BE CONNECTED TO IN-BUILDING PIPING VIA MAIN SUPPLY AND RETURN PIPES. SEE SHEET G-001 FOR DETAILS.
3. ALL HDPE PIPING MUST BE BURIED A MINIMUM 4FT BELOW FINISHED GRADE.
4. GEOTHERMAL CONTRACTOR MUST MEET THE MOST STRINGENT OF NPDES, LOCAL AND STATE REQUIREMENTS RELATED TO DRILLING, WATER MANAGEMENT, AND TRENCH CONSTRUCTION.
5. VERTICAL BORE RELATIVE LOCATIONS SHOWN, WITH 20FT MINIMUM SPACING BETWEEN BORES.
6. BORES ARE LABELED 'X-Y' WHERE X=GHX MODULE #, Y=BORE NUMBER IN GHX MODULE.
7. GEOTHERMAL CONTRACTOR SHALL STOCKPILE DRILLING SPOILS ON SITE FOR GC TO INCORPORATE INTO FINAL GRADING FILL.
8. BORE LOCATIONS SHOWN ON SITE SHALL BE MARKED BY THE GENERAL CONTRACTOR. INFORM GEOTHERMAL DESIGNER AND ARCHITECT OF ANY DISCREPANCIES AND/OR CONFLICTS.
9. OTHER FEATURES ON DRAWING MAY NOT BE ACCURATE. THIS DRAWING INTENT IS ONLY FOR IDENTIFYING BORES, AND LOCATING APPROXIMATE BORE LOCATIONS AND UNDERGROUND PIPING. CONTRACTORS MUST CONTACT DIG SAFE AND HAVE UNDERGROUND UTILITIES IN THE AREA MARKED PRIOR TO ANY EXCAVATION OR DRILLING. THE ENGINEER MAKES NO GUARANTEE THAT THE INFORMATION SHOWN HEREUPON IS ACCURATE OR COMPLETE. IT IS THE RESPONSIBILITY OF ANY PARTY WORKING ON THE SITE TO VERIFY LOCATION AND DEPTH OF UTILITIES PRIOR TO ANY EXCAVATION ACTIVITY.
10. GEOTHERMAL CONTRACTOR SHALL INSTALL SPECIFIED HORIZONTAL PIPING PER IGSHPA REQUIREMENTS AND SPECIFICATION, AND COORDINATE WITH GEOTHERMAL ENGINEER FOR INSPECTION OF FUSED JOINTS PRIOR TO BACKFILLING.
11. GEOTHERMAL CONTRACTOR SHALL INSTALL 14 GAGE COPPER WIRE OVER HORIZONTAL PIPING. THE CONTRACTOR SHALL REMOVE ANY ROCKS, THEN COVER GEOTHERMAL HORIZONTAL PIPING WITH MINIMUM 6" BEDDING SAND PRIOR TO BACKFILLING AND COMPACTING TRENCHES. CONTRACTOR RESPONSIBLE FOR INSTALLING MARKING TAPE ~1FT BELOW FINAL GRADE.
12. HDPE VALVE VAULT LOCATION TO BE COORDINATED BY CONTRACTOR. VERIFY ELEVATION OF MANHOLE ACCESS COVER AND HPDE VAULT LOCATION BEFORE INSTALLATION. HPDE VALVE VAULT MANHOLE ACCESS COVER TO BE COORDINATED SO THAT COVER IS ACCESSIBLE, VISIBLE AND LEVEL WITH SURROUNDING GRADE. HPDE VALVE VAULT MANHOLE ACCESS COVER IS TO BE EXPOSED NOT COVERED.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	DATE
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

STATE OF MAINE
TIMOTHY M. ROOS
No. 12478
REGISTERED PROFESSIONAL ENGINEER

	SIGNATURE
ENG. LIC. NUMBER 12478	
DATE JANUARY 17, 2022	

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

GEOTHERMAL
GSHX SITE LAYOUT

SHEET NUMBER

G-003

FIELD TESTING OF INDIVIDUAL VERTICAL U-BENDS AND INSTALLATION

1. PRIOR TO INSTALLATION INTO A BOREHOLE, THE CONTRACTOR SHALL VISUALLY INSPECT EACH U-BEND FOR ANY SIGNIFICANT DAMAGE (SCRATCHES, GOUGES, ETC.) THAT EXCEEDS 10% OF THE PIPE WALL THICKNESS. U-BENDS SHALL ALSO BE TESTED FOR LEAKS PRIOR TO INSERTION INTO THE BOREHOLE. ANY U-BEND LOOP ASSEMBLY THAT HAS SIGNIFICANT DAMAGE OR LEAKS SHALL NOT BE REPAIRED AND SHALL NOT BE INSERTED INTO A BOREHOLE. LEAK TESTING SHALL BE DONE BY EITHER OF THE FOLLOWING, AND THE RESULTS SUBMITTED UTILIZING THE TEST LOG SHEETS AT THE END OF SPECIFICATION SECTION 237000.
   - 1.1. WITNESS RELEASE OF PRESSURE IN LOOPS THAT ARE PRE-PRESSURIZED AND SEALED BY THE MANUFACTURER. A LACK OF CLEARLY NOTICEABLE PRESSURE RELEASE SHALL REQUIRE VERIFICATION VIA 1.2 BELOW.
   - 1.2. PERFORM HYDROSTATIC PRESSURE TEST AT ~60PSI AND OBSERVE NO LEAKS OVER A 30 MINUTE PERIOD..

2. AFTER INSERTION OF EACH LEAK FREE AND SIGNIFICANT DAMAGE FREE U-BEND INTO A BOREHOLE, SEAL THE BOREHOLE WITH THE APPROVED GROUT PER THE DESIGN DOCUMENTS. GROUT SAMPLES SHALL BE COLLECTED, TESTED AND SUBMITTED AS FOLLOWS:
   - 2.1. EACH GROUT SAMPLE SHALL BE LABELED WITH THE BORE ID,DATE AND THE PROJECT NAME.
   - 2.2. ONLY 1 GROUT SAMPLE SHALL BE TAKEN FROM ANY INDIVIDUAL BATCH OF GROUT MIX.
   - 2.3. TWO GROUT SAMPLES SHALL BE TAKEN FROM THE FIRST BOREHOLE GROUTED. AFTER THE FIRST BOREHOLE, TAKE ONE GROUT SAMPLE FOR EVERY 4TH BOREHOLE.
   - 2.4. THE GROUT SAMPLES SHALL BE TESTED BY AN INDEPENDENT TESTING LABORATORY PER ASTM D5334, AND SUBMITTED FOR THE PROJECT RECORD.

3. AFTER GROUTING THE U-BEND IN EACH BORE, PERFORM BOTH A FLOW PRESSURE DROP TEST AND HYDROSTATIC PRESSURE HOLD TEST PER THE FOLLOWING, AND SUBMIT THE RESULTS UTILIZING THE TEST LOG SHEETS AT THE END OF SPECIFICATION SECTION 237000.
   - 3.1. REFER TO FIGURE 1 BELOW FOR THE TEST SETUP.
     - 3.1.1. THE PT TEST PORTS MUST BE LOCATED TO AVOID ADDITIONAL PRESSURE DROP FROM THE SETUP. LOCATE PT PORTS WITHIN 2FT OF U-BEND PIPING, AND UTILIZE PIPE AND FITTINGS OF SAME OR LARGER DIAMETER THAN U-BEND PIPING.
     - 3.1.2. ONE INSERTION PRESSURE GAGE SHALL BE USED AT THE PT TEST PORTS DURING THE TESTING. THE GAGE SHALL HAVE GRADUATIONS DOWN TO $\frac{1}{2}$ PSI INCREMENTS FOR ACCURATE READINGS.
     - 3.1.3. THE FLOW RATE SHALL BE MEASURED TO THE NEAREST HALF GALLON PER MINUTE (GPM).
   - 3.2. FLOW PRESSURE DROP TEST
     - 3.2.1. FLOW WATER THROUGH U-BEND AT A MINIMUM OF 2 FT/SECOND FOR A MINIMUM OF 15 MINUTES, UNTIL FULLY FLUSHED OF DEBRIS AND PURGED OF AIR. SEE THE MINIMUM PURGING FLOW RATE ON G-001 TABLE 'GHX SYSTEM DESIGN INFORMATION'. NOTE THAT HIGHER PURGE FLOW RATES WILL RESULT IN FASTER FLUSHING AND PURGING, BUT KEEP PRESSURES BELOW THE PIPE PRESSURE RATINGS.
     - 3.2.2. AFTER FULLY FLUSHED AND PURGED, SET THE FLOW RATE TO THE VALUES ON SHEET G-001 AS SHOWN IN TABLE 'TYPICAL REVERSE-RETURN GHX MODULE' FOR 'MINIMUM PURGING FLOW' OF THE U-BEND.
     - 3.2.3. MEASURE THE PRESSURE DROP (THE DIFFERENCE BETWEEN PRESSURE READINGS AT THE 'IN' AND 'OUT' PT SAMPLING PORTS). USE THE SAME INSERTION GAGE AT EACH PORT WHILE THE FLOW REMAINS CONSTANT.
     - 3.2.4. COMPARE THE MEASURED PRESSURE DROP TO THE ANTICIPATED PRESSURE DROP FOR THE U-BEND PER G-001. A VALUE MORE THAN 10% HIGHER THAN THE ANTICIPATED PRESSURE DROP INDICATES THAT THE U-BEND IS NOT FULLY FLUSHED OR PURGED, OR IS PARTIALLY COLLAPSED OR KINKED. IF FURTHER FLUSHING AND PURGING DOES NOT RESULT IN AN ACCEPTABLE PRESSURE DROP, THEN THE U-BEND MUST BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
   - 3.3. HYDROSTATIC PRESSURE HOLD TEST
     - 3.3.1. UTILIZE ASTM F2164-18 FOR THE STANDARD PRACTICES FOR FIELD LEAK TESTING OF POLYETHYLENE PIPING USING HYDROSTATIC PRESSURE. THE FOLLOWING PROVIDES A SUMMARY OF THE TESTING PROCESS FOR CONVENIENCE. REFER TO THE ASTM STANDARD FOR DETAILS, ESPECIALLY RELATED TO SAFETY.
     - *3.3.2.* *INITIAL EXPANSION PHASE:* AFTER THE U-BEND IS FULLY PURGED OF AIR, PRESSURIZE THE U-BEND TO 100 PSI FOR 4 HOURS. RE-PRESSURIZE AS NEEDED TO 100 PSI DURING THIS PERIOD.
     - *3.3.3.* *TEST PHASE:* REDUCE THE PRESSURE TO 90 PSI AND MONITOR FOR 1 HOUR WITHOUT INCREASING PRESSURE OR ADDING MAKE-UP WATER.
     - *3.3.4.* *PASS/FAIL:* THE U-BEND PASSES THE TEST IF FOR 1 HOUR THERE IS NO VISUAL LEAKAGE AND THE PRESSURE REMAINS WITHIN 5% OF 90 PSI.
     - 3.3.5. A U-BEND THAT DOES NOT PASS THE TEST MUST BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.

FIELD TESTING OF COMPLETED GHX MODULE OR HEADER PIPING PRIOR TO BEDDING AND BACKFILL

1. THE HDPE PIPING FUSED JOINTS MUST BE VISUALLY INSPECTED BY THE GEOTHERMAL DESIGNER OR OTHER QUALIFIED AND APPROVED INSPECTOR. ANY VISUALLY UNACCEPTABLE FUSED JOINTS, OR SIGNIFICANT DAMAGE THAT EXCEEDS 10% OF THE PIPE WALL THICKNESS, MUST BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.

2. AFTER ALL THE PIPING AND FUSED JOINTS ARE VISUALLY ACCEPTABLE TO THE INSPECTOR, PERFORM BOTH A FLOW PRESSURE DROP TEST AND HYDROSTATIC PRESSURE HOLD TEST PER THE FOLLOWING, AND SUBMIT THE RESULTS UTILIZING THE TEST LOG SHEETS AT THE END OF SPECIFICATION SECTION 237000.
   - 2.1. REFER TO FIGURE 2 BELOW FOR THE TEST SETUP.
     - 2.1.1. THE PT TEST PORTS MUST BE LOCATED TO AVOID ADDITIONAL PRESSURE DROP FROM THE SETUP. LOCATE PT PORTS WITHIN 2FT OF GHX MODULE HEADER PIPING, AND UTILIZE PIPE AND FITTINGS OF SAME OR LARGER DIAMETER THAN HEADER PIPING.
     - 2.1.2. ONE INSERTION PRESSURE GAGE SHALL BE USED AT THE PT TEST PORTS DURING THE TESTING. THE GAGE SHALL HAVE GRADUATIONS DOWN TO $\frac{1}{2}$ PSI INCREMENTS FOR ACCURATE READINGS.
     - 2.1.3. THE FLOW RATE SHALL BE MEASURED TO THE NEAREST HALF GALLON PER MINUTE (GPM).
   - 2.2. FLOW PRESSURE DROP TEST
     - 2.2.1. FLOW WATER THROUGH EACH GHX MODULE OR HEADERS AT A MINIMUM OF 2 FT/SECOND THROUGH EVERY SECTION OF PIPE FOR A MINIMUM OF 15 MINUTES, UNTIL FULLY FLUSHED OF DEBRIS AND PURGED OF AIR. SEE THE MINIMUM PURGING FLOW RATE ON G-001 TABLE 'GHX SYSTEM DESIGN INFORMATION'. NOTE THAT HIGHER PURGE FLOW RATES WILL RESULT IN FASTER FLUSHING AND PURGING, BUT KEEP PRESSURES BELOW THE PIPE PRESSURE RATINGS.
     - 2.2.2. AFTER FULLY FLUSHED AND PURGED, SET THE FLOW RATE TO THE VALUES ON SHEET G-001 AS SHOWN IN TABLE 'GHX SYSTEM DESIGN INFORMATION' FOR 'PURGING PRESSURE DROP' OF THE GHX MODULE.
     - 2.2.3. MEASURE THE PRESSURE DROP (THE DIFFERENCE BETWEEN PRESSURE READINGS AT THE 'IN' AND 'OUT' PT SAMPLING PORTS). USE THE SAME INSERTION GAGE AT EACH PORT WHILE THE FLOW REMAINS CONSTANT.
     - 2.2.4. COMPARE THE MEASURED PRESSURE DROP TO THE ANTICIPATED PRESSURE DROP FOR THE GHX MODULE OR HEADERS PER G-001. A VALUE MORE THAN 10% HIGHER THAN THE ANTICIPATED PRESSURE DROP INDICATES THAT THE PIPING IS NOT FULLY FLUSHED OR PURGED, OR SOME OTHER ISSUE. THE CONTRACTOR MUST FIND AND FIX THE ISSUE UNTIL IT PASSES RETESTING AT NO ADDITIONAL COST.
   - 2.3. HYDROSTATIC PRESSURE HOLD TEST
     - 2.3.1. FOR EACH GHX MODULE OR HEADER, UTILIZE ASTM F2164-18 FOR THE STANDARD PRACTICES FOR FIELD LEAK TESTING OF POLYETHYLENE PIPING USING HYDROSTATIC PRESSURE. THE FOLLOWING PROVIDES A SUMMARY OF THE TESTING PROCESS FOR CONVENIENCE. REFER TO THE ASTM STANDARD FOR DETAILS, ESPECIALLY RELATED TO SAFETY.
     - *2.3.2.* *INITIAL EXPANSION PHASE:* AFTER THE PIPING IS FULLY PURGED OF AIR, PRESSURIZE TO 100 PSI FOR 4 HOURS. RE-PRESSURIZE AS NEEDED TO 100 PSI DURING THIS PERIOD.
     - *2.3.3.* *TEST PHASE:* REDUCE THE PRESSURE TO 90 PSI AND MONITOR FOR 1 HOUR WITHOUT INCREASING PRESSURE OR ADDING MAKE-UP WATER.
     - *2.3.4.* *PASS/FAIL:* THE PIPING PASSES THE TEST IF FOR 1 HOUR THERE IS NO VISUAL LEAKAGE AND THE PRESSURE REMAINS WITHIN 5% OF 90 PSI.
     - 2.3.5. PIPING THAT DOES NOT PASS THE TEST MUST BE REPAIRED AND RETESTED UNTIL IT PASSES BY THE CONTRACTOR AT NO ADDITIONAL COST.
   - 2.4. THE PIPING IS READY TO BE BEDDED AND BACKFILLED PER DRAWING AND SPECIFICATION REQUIREMENTS AFTER SATISFACTORILY PASSING ALL TESTS.

FIELD TESTING OF COMPLETED GEOTHERMAL PIPING SYSTEM

1. AFTER THE ENTIRE GEOTHERMAL PIPING SYSTEM IS INSTALLED AND BACKFILLED ACCORDING TO THE PROJECT DOCUMENTS, PERFORM BOTH A FLOW PRESSURE DROP TEST ON EACH GHX MODULE AND HYDROSTATIC PRESSURE HOLD TEST ON THE ENTIRE GEOTHERMAL PIPING NETWORK PER THE FOLLOWING. SUBMIT THE RESULTS UTILIZING THE TEST LOG SHEETS AT THE END OF SPECIFICATION SECTION 237000.
   - 1.1. UTILIZE THE PT TEST PORTS AT THE TAKEOFFS FOR EACH GHX MODULE AT THE MANIFOLD IN THE VALVE VAULT.
   - 1.2. ONE INSERTION PRESSURE GAGE SHALL BE USED AT THE PT TEST PORTS DURING THE TESTING. THE GAGE SHALL HAVE GRADUATIONS DOWN TO $\frac{1}{2}$ PSI INCREMENTS FOR ACCURATE READINGS.
   - 1.3. THE FLOW RATE SHALL BE MEASURED TO THE NEAREST HALF GALLON PER MINUTE (GPM).
   - 1.1. FLOW PRESSURE DROP TEST
     - 1.1.1. FLOW WATER THROUGH EACH GHX MODULE AT A MINIMUM OF 2 FT/SECOND THROUGH EVERY SECTION OF PIPE FOR A MINIMUM OF 15 MINUTES, UNTIL FULLY FLUSHED OF DEBRIS AND PURGED OF AIR. SEE THE MINIMUM PURGING FLOW RATE ON G-001 TABLE 'GHX SYSTEM DESIGN INFORMATION'. NOTE THAT HIGHER PURGE FLOW RATES WILL RESULT IN FASTER FLUSHING AND PURGING, BUT KEEP PRESSURES BELOW THE PIPE PRESSURE RATINGS.
     - 1.1.2. AFTER FULLY FLUSHED AND PURGED, SET THE FLOW RATE TO THE VALUES ON SHEET G-001 AS SHOWN IN TABLE 'GHX SYSTEM DESIGN INFORMATION' FOR 'PURGING PRESSURE DROP' OF THE GHX MODULE.
     - 1.1.3. MEASURE THE PRESSURE DROP ACROSS THE GHX MODULE. USE THE SAME INSERTION GAGE AT EACH PORT WHILE THE FLOW REMAINS CONSTANT.
     - 1.1.4. COMPARE THE MEASURED PRESSURE DROP TO THE ANTICIPATED PRESSURE DROP FOR THE GHX MODULE PER G-001. A VALUE MORE THAN 10% HIGHER THAN THE ANTICIPATED PRESSURE DROP INDICATES THAT THE PIPING IS NOT FULLY FLUSHED OR PURGED, OR SOME OTHER ISSUE. THE CONTRACTOR MUST FIND AND FIX THE ISSUE UNTIL IT PASSES RETESTING AT NO ADDITIONAL COST.
   - 1.2. HYDROSTATIC PRESSURE HOLD TEST
     - 1.2.1. FOR THE ENTIRE PIPING SYSTEM WITH ALL VALVES OPEN (OTHER THAN ISOLATION VALVES FROM THE IN-BUILDING PIPING INSIDE THE MECHANICAL ROOM), UTILIZE ASTM F2164-18 FOR THE STANDARD PRACTICES FOR FIELD LEAK TESTING OF POLYETHYLENE PIPING USING HYDROSTATIC PRESSURE. THE FOLLOWING PROVIDES A SUMMARY OF THE TESTING PROCESS FOR CONVENIENCE. REFER TO THE ASTM STANDARD FOR DETAILS, ESPECIALLY RELATED TO SAFETY.
     - *1.2.2.* *INITIAL EXPANSION PHASE:* AFTER THE PIPING IS FULLY PURGED OF AIR, PRESSURIZE TO 100 PSI FOR 4 HOURS. RE-PRESSURIZE AS NEEDED TO 100 PSI DURING THIS PERIOD.
     - *1.2.3.* *TEST PHASE:* REDUCE THE PRESSURE TO 90 PSI AND MONITOR FOR 1 HOUR WITHOUT INCREASING PRESSURE OR ADDING MAKE-UP WATER.
     - *1.2.4.* *PASS/FAIL:* THE PIPING PASSES THE TEST IF FOR 1 HOUR THERE IS NO VISUAL LEAKAGE AND THE PRESSURE REMAINS WITHIN 5% OF 90 PSI.
     - 1.2.5. PIPING THAT DOES NOT PASS THE TEST MUST BE REPAIRED AND RETESTED UNTIL IT PASSES BY THE CONTRACTOR AT NO ADDITIONAL COST.
   - 1.3. THE GEOTHERMAL PIPING SYSTEM PIPING IS READY TO HAVE WATER QUALITY ADJUSTED AND ANTIFREEZE ADDED PER DRAWING AND SPECIFICATION REQUIREMENTS AFTER SATISFACTORILY PASSING ALL TESTS.

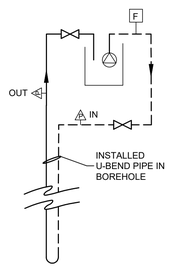


FIGURE 1: U-BEND FLOW PRESSURE DROP AND HYDROSTATIC TEST SETUP

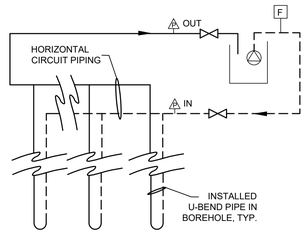
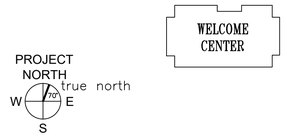


FIGURE 2: GHX MODULE FLOW PRESSURE DROP AND HYDROSTATIC TEST SETUP

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

STATE OF MAINE
TIMOTHY M. ROOS
No. 12478
REGISTERED PROFESSIONAL ENGINEER

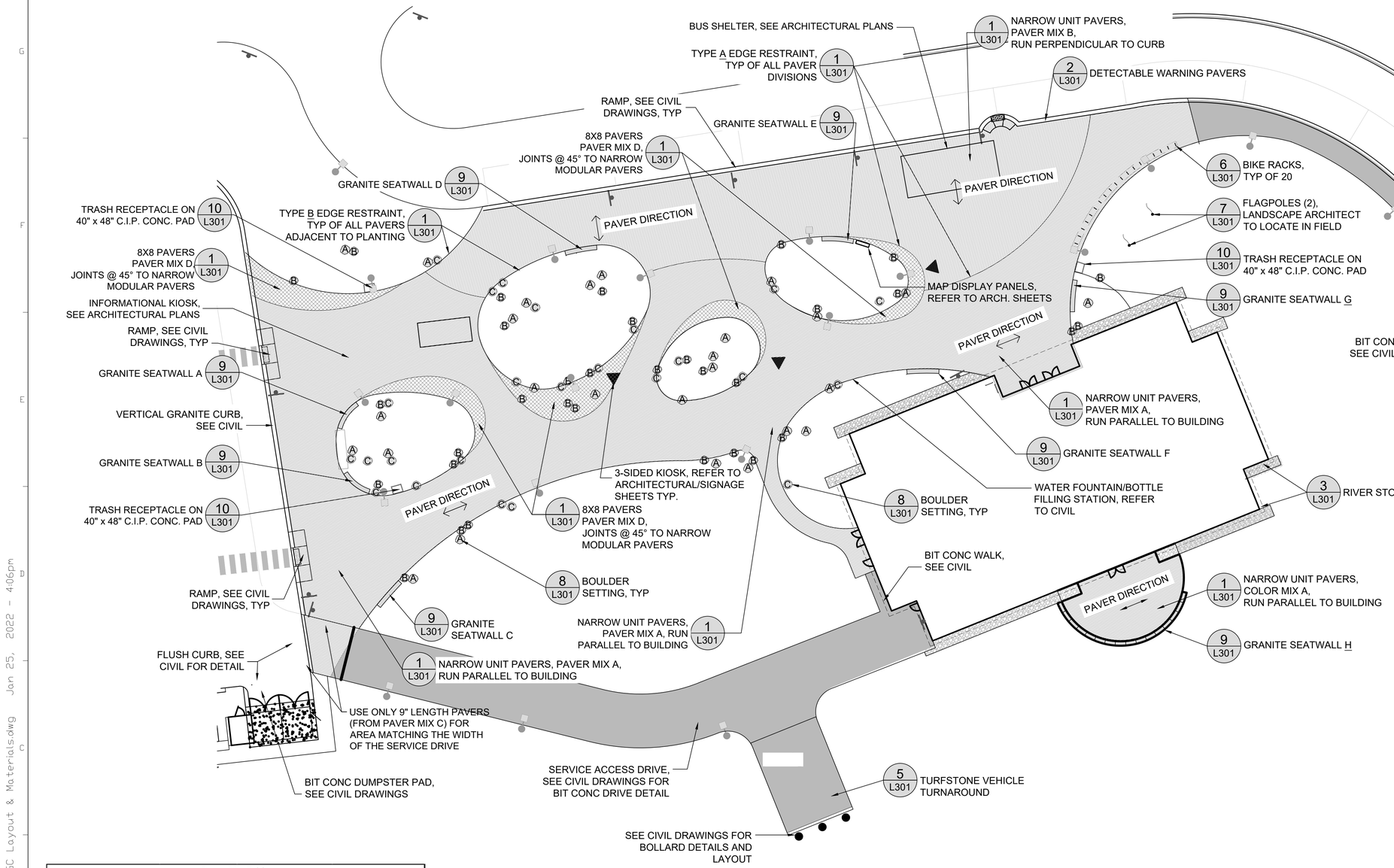
PROJECT INFORMATION			
PROGRAM	–	SIGNATURE	
PROJECT MANAGER	–	AECOM	
DESIGNER	–	ENG. LIC. NUMBER	12478
CONSULTANT	–	DATE	JANUARY 17, 2022
PROJECT RESIDENT	–		
CONTRACTOR	–		
PROJECT COMPLETION DATE	–		

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

GEOTHERMAL
TESTING METHODS

SHEET NUMBER

G-004



Paver Mix Table			
Mix	Color	Sizes	% of Mix
Paving Mix A	Cream	9"x3"	10
		18"x3"	10
		24"x3"	10
	Light Gray	9"x3"	22
		18"x3"	22
		24"x3"	21
	Charcoal	18"x3"	5
Paving Mix B	Cream	9"x3"	22
		18"x3"	22
		24"x3"	21
	Light Gray	9"x3"	10
		18"x3"	10
		24"x3"	10
	Charcoal	18"x3"	5
Paving Mix C	Cream	9"x3"	30
	Light Gray	9"x3"	70
Paving Mix D	Charcoal	8"x8"	100

PAVER NOTE:
RANDOM COLOR AND SIZE DISTRIBUTION THROUGHOUT PAVING FIELD, SEE SPECS.

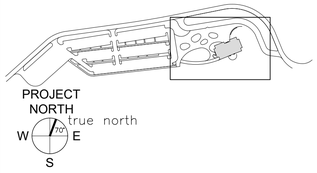
Granite Seat Wall Schedule				
Seat Wall	Quantity	Outside Length	Inside Length	Outside Radius
A	3	4'-0"	3'-7 1/2"	17'-0"
B	3	4'-0"	3'-7 1/2"	17'-0"
C	3	4'-0"	3'-11 1/2"	145'-0"
D	3	4'-0"	3'-11"	73'-0"
E	3	4'-0"	3'-10"	42'-0"
F	3	4'-0"	3'-11"	100'-0 1/2"
G	3	4'-0"	3'-11"	65'-0"
H	16	4'-0"	3'-9"	25'-2 1/2"
All seat wall stones to be 1'-9" High and 1'-8" wide. See detail 8/L301 for additional information.				

SCHEDULE OF BOULDER SIZES		
SYMBOL	SIZE	QUANTITY
A	36"X36" - 42"X42"	26
B	24"X24" - 36"X36"	33
C	18"X18" - 24"X24"	24

BOULDER NOTE:
LANDSCAPE ARCHITECT/OWNERS REP. TO DIRECT PLACEMENT OF BOULDERS IN FIELD.

0 20 40 60
Scale:1" = 20'

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R COPLON
No. 100
STATE OF MAINE

SIGNATURE _
ARCH. LIN. NUMBER _
DATE JANUARY 17, 2022

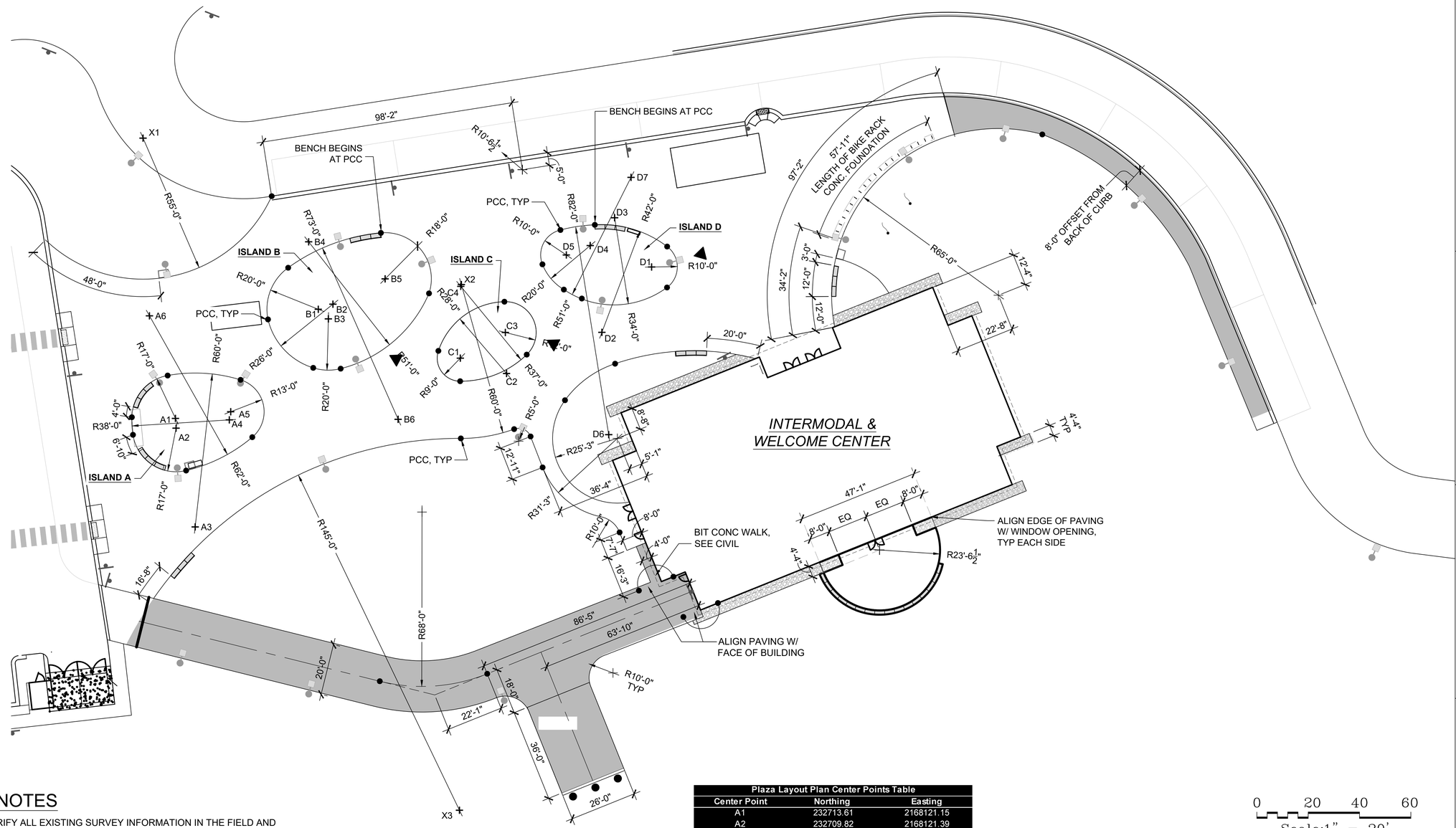
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLAZA MATERIALS PLAN

SHEET NUMBER
L101

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Layout & Materials.dwg Jan 25, 2022 - 4:06pm



SITE LAYOUT NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING SURVEY INFORMATION IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE CONTRACTING OFFICER PRIOR TO AND DURING WORK. ALL FIELD ADJUSTMENTS TO BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO IMPLEMENTATION.

2. SURVEY LAYOUT - FEATURES SHOWN ON THIS PLAN ARE INTENDED TO BE LAID OUT OR MARKED FOR CONSTRUCTION ON THE GROUND USING LAND SURVEYING INSTRUMENTATION WITH A RELATIVE PRECISION OF 0.04 FEET OR BETTER, UNLESS OTHERWISE SPECIFIED IN WRITING BY THE OWNER'S REPRESENTATIVE. OWNER SHALL SUPPLY ELECTRONIC FILE FOR PROJECT LAYOUT.

3. ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.

4. V.I.F. - VERIFY LOCATION IN FIELD WITH OWNER'S REPRESENTATIVE PRIOR TO IMPLEMENTATION.

5. P.O.B. - POINT OF BEGINNING

6. COORDINATE WITH OTHER DRAWINGS AS REQUIRED.

7. SEE CIVIL DRAWINGS FOR ALL CURBING AND SIGNAGE LAYOUT, NOTES, AND DETAILS

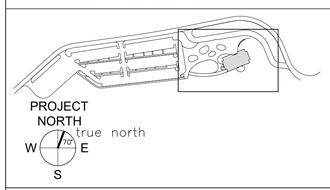
8. LANDSCAPE ARCHITECT TO APPROVE ALL SEAT WALL AND TRASH RECEPTACLE CONCRETE SLAB LOCATIONS PRIOR TO CONSTRUCTION

Plaza Layout Plan Center Points Table		
Center Point	Northing	Easting
A1	232713.61	2168121.15
A2	232709.82	2168121.39
A3	232671.3	2168128.84
A4	232713.04	2168142.14
A5	232716.22	2168142.69
A6	232753.61	2168111.02
B1	232756.17	2168176.81
B2	232758.17	2168182.52
B3	232752.43	2168180.75
B4	232782.47	2168173.08
B5	232768.03	2168202.86
B6	232713.27	2168207.93
C1	232737.12	2168232.15
C2	232731.13	2168250.19
C3	232747.13	2168249.71
C4	232765.12	2168232.35
D1	232772.67	2168306.7
D2	232747.19	2168287.34
D3	232791.86	2168292.3
D4	232781.01	2168282.77
D5	232777.35	2168273.47
D6	232707.28	2168289.99
D7	232807.62	2168298.69
X1	232822.92	2168108.53
X2	232765.81	2168232.58
X3	232560.81	2168231.82

ALL LANDSCAPE WORK SHOWN IS LUMP SUM

0 20 40 60
Scale:1" = 20'

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL P. COPLON
No. 100
STATE OF MAINE

SIGNATURE _____
ARCH. LIN. NUMBER _____
DATE JANUARY 17, 2022

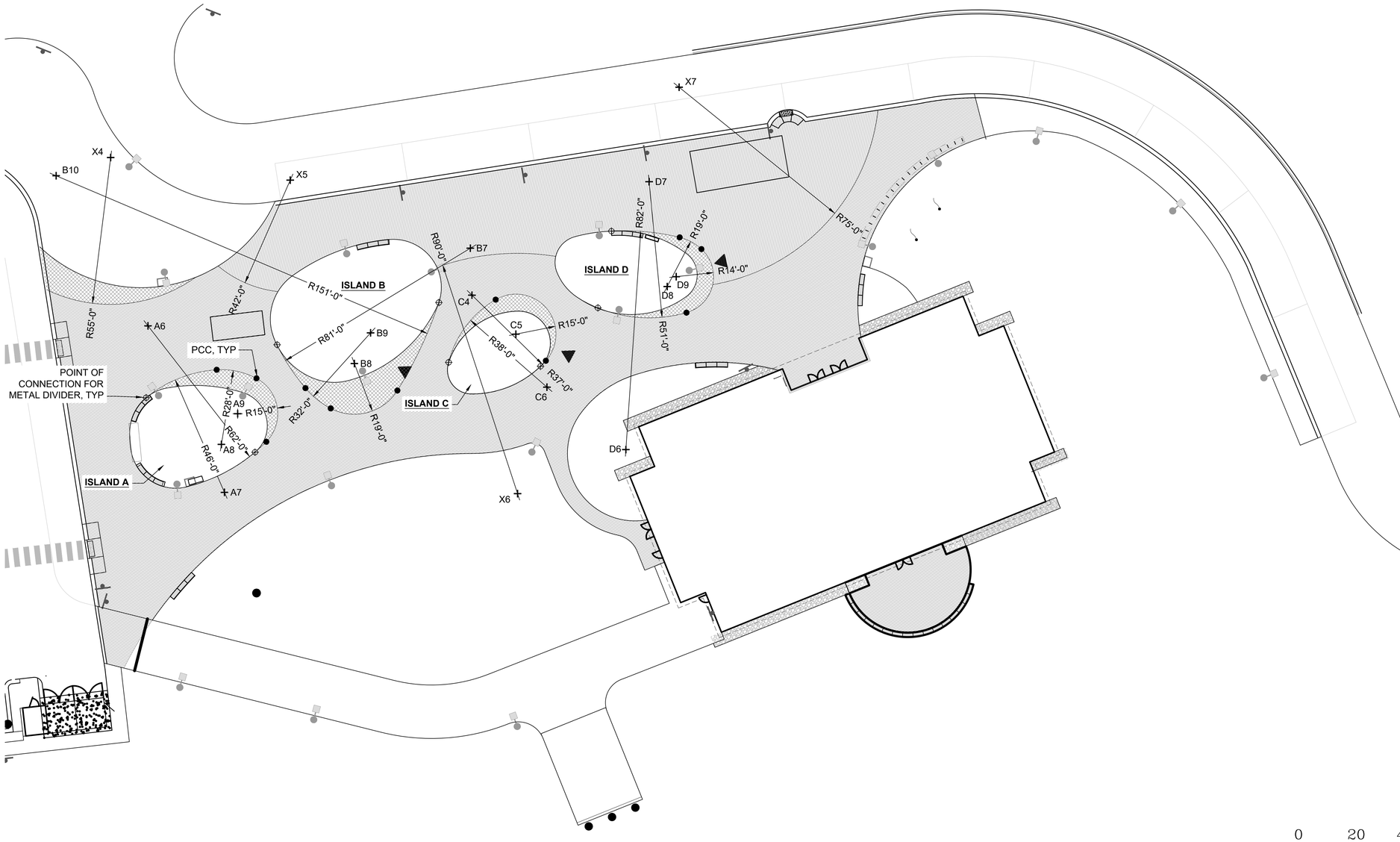
PROJECT INFORMATION		
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	AECOM	
CONSULTANT	–	–
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE	–	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLAZA LAYOUT PLAN

SHEET NUMBER
L102

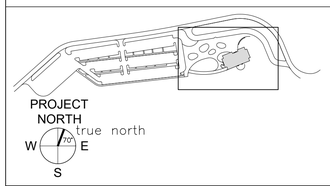
C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Layout & Materials.dwg Jan 25, 2022 - 4:06pm



Plaza Paving Layout Plan Center Points Table		
Center Point	Northing	Easting
A6	232753.61	2168111.02
A7	232691.27	2168139.64
A8	232709.23	2168138.5
A9	232720.72	2168144.59
B7	232782.71	2168231.74
B8	232739.51	2168188.31
B9	232751	2168194.38
B10	232809.85	2168076.61
C4	232765.12	2168232.35
C5	232750.51	2168248.8
C6	232730.67	2168260.43
D6	232707.28	2168289.99
D7	232807.62	2168298.69
D8	232768.34	2168305.47
D9	232772.04	2168308.84
X4	232816.67	2168097.03
X5	232808.2	2168164.28
X6	232690.78	2168249.42
X7	232843	2168309.94

0 20 40 60
Scale:1" = 20'

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON
No. 100
STATE OF MAINE

SIGNATURE –

ARCH. LIN. NUMBER –

DATE JANUARY 17, 2022

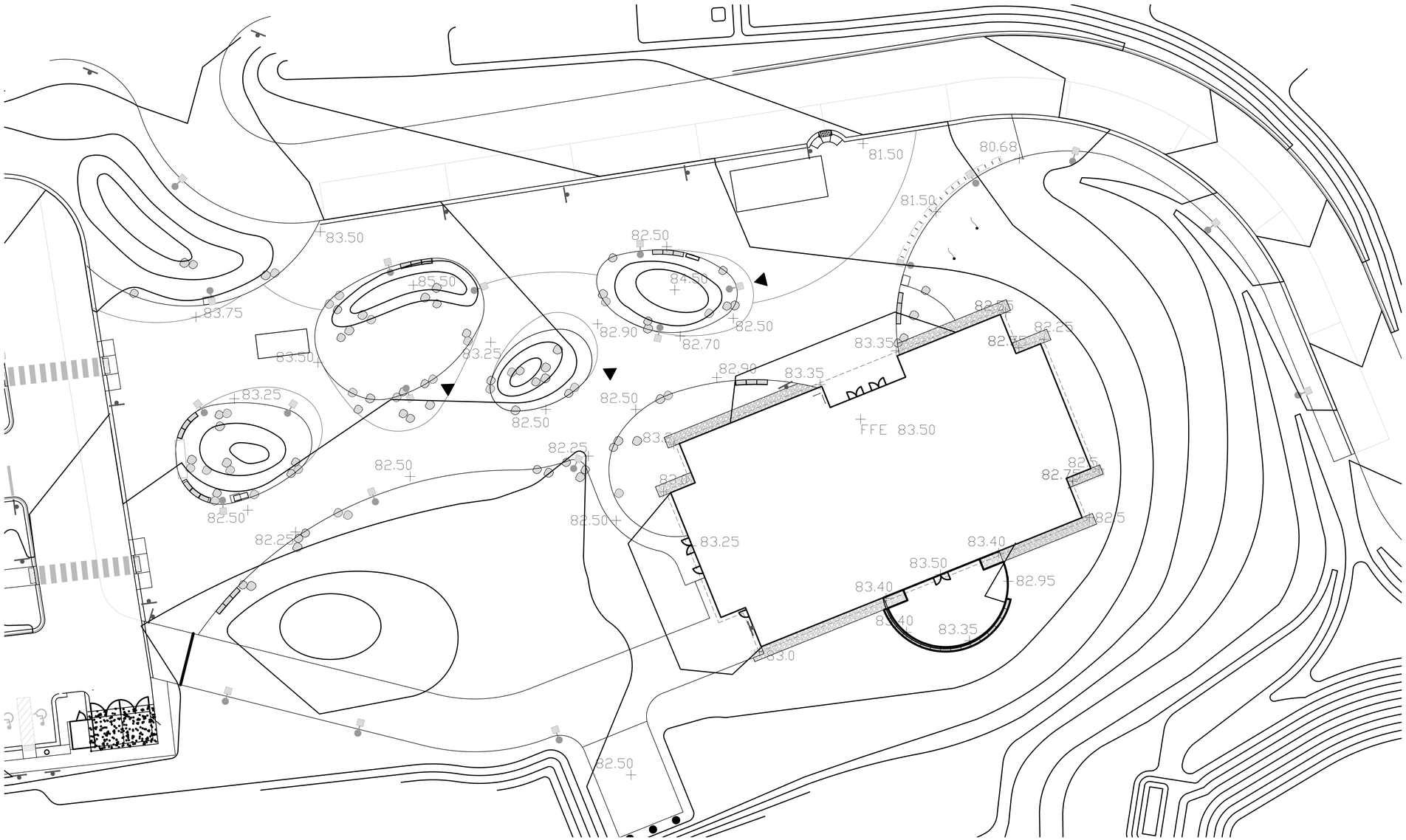
PROJECT INFORMATION		
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	AECOM	–
CONSULTANT	–	–
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE	–	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLAZA PAVING LAYOUT PLAN

SHEET NUMBER
L103

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Layout & Materials.dwg Jan 25, 2022 - 4:06pm



SITE GRADING NOTES

1. CONTRACTOR TO VERIFY ELEVATIONS OF PROPOSED DESIGNS, GRADING, ETC. PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE NOTED IMMEDIATELY TO OWNER'S REPRESENTATIVE.

2. PROPOSED GRADES TO BLEND SMOOTHLY INTO EXISTING GRADES.

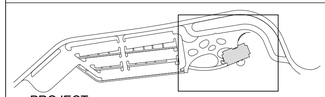
3. ALL GRADES TO BE VERIFIED BY OWNER'S REPRESENTATIVE PRIOR TO AND DURING WORK.

4. LOAM, SEED, AND MULCH ALL DISTURBED AREAS NOT NOTED TO RECEIVE OTHER TREATMENT.

5. COORDINATE WITH CIVIL DRAWINGS. SEE CIVIL DRAWINGS FOR ALL DRAIN BASIN AND DRAIN LINE INFORMATION.

6. SEE SHEET L101 FOR BOULDER SCHEDULE AND SHEET L302 FOR REPRESENTATIVE MOUND SECTIONS.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON
No. 100
STATE OF MAINE

SIGNATURE	–
ARCH. LIN. NUMBER	–
DATE	JANUARY 17, 2022

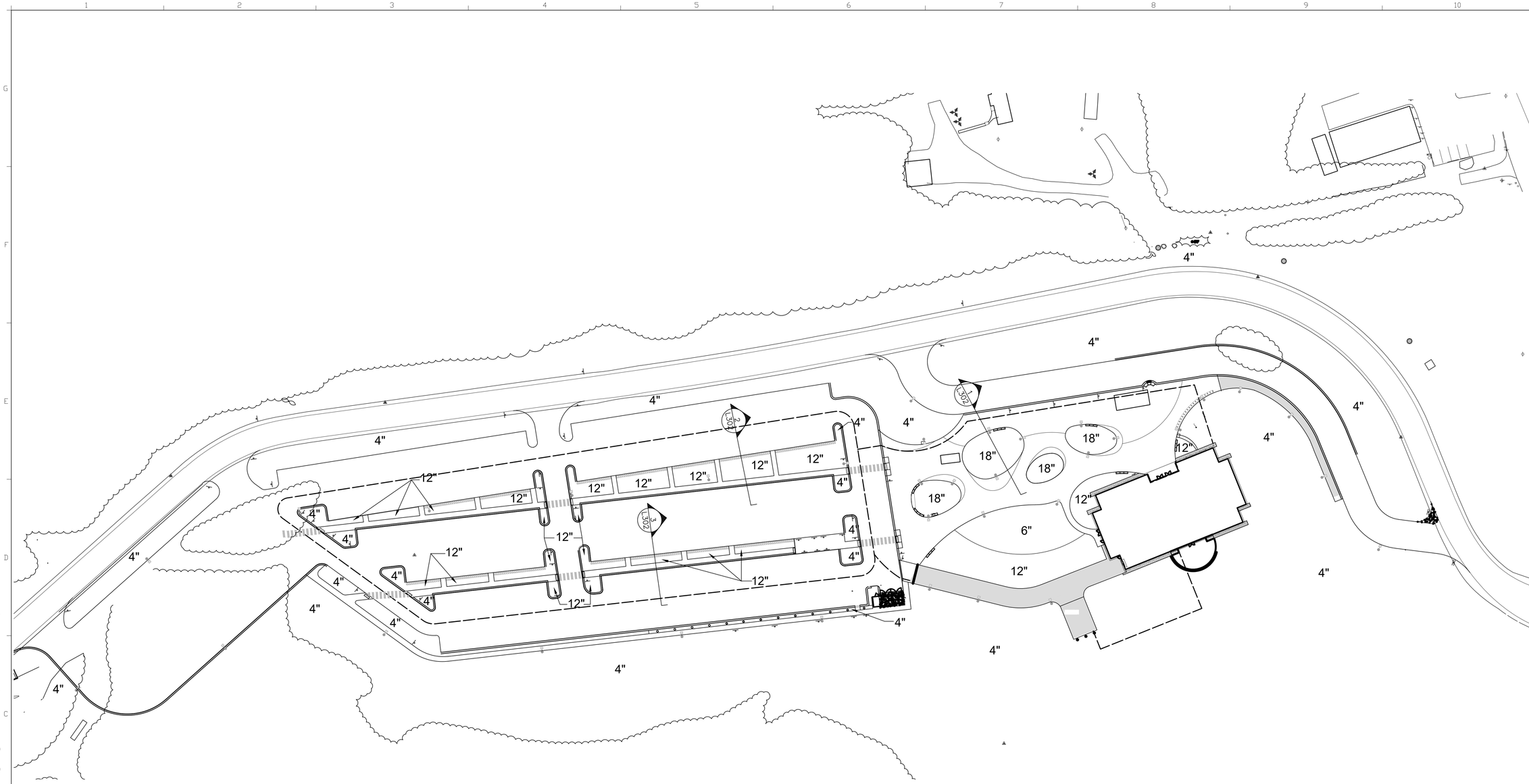
PROJECT	INFORMATION
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLAZA GRADING PLAN

SHEET NUMBER
L104

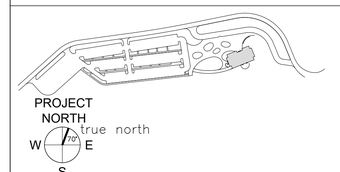
C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Layout & Materials.dwg Jan 25, 2022 - 4:06pm



NOTES:
1. REFER TO TOPSOIL SPECIFICATIONS FOR PLANTING SOIL REQUIREMENTS
2. FOR SECTION REFERENCES SEE SHEET I302

0 50 100 150
Scale:1" = 50'

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON
No. 100
STATE OF MAINE

SIGNATURE –

ARCH. LIN. NUMBER –

DATE JANUARY 17, 2022

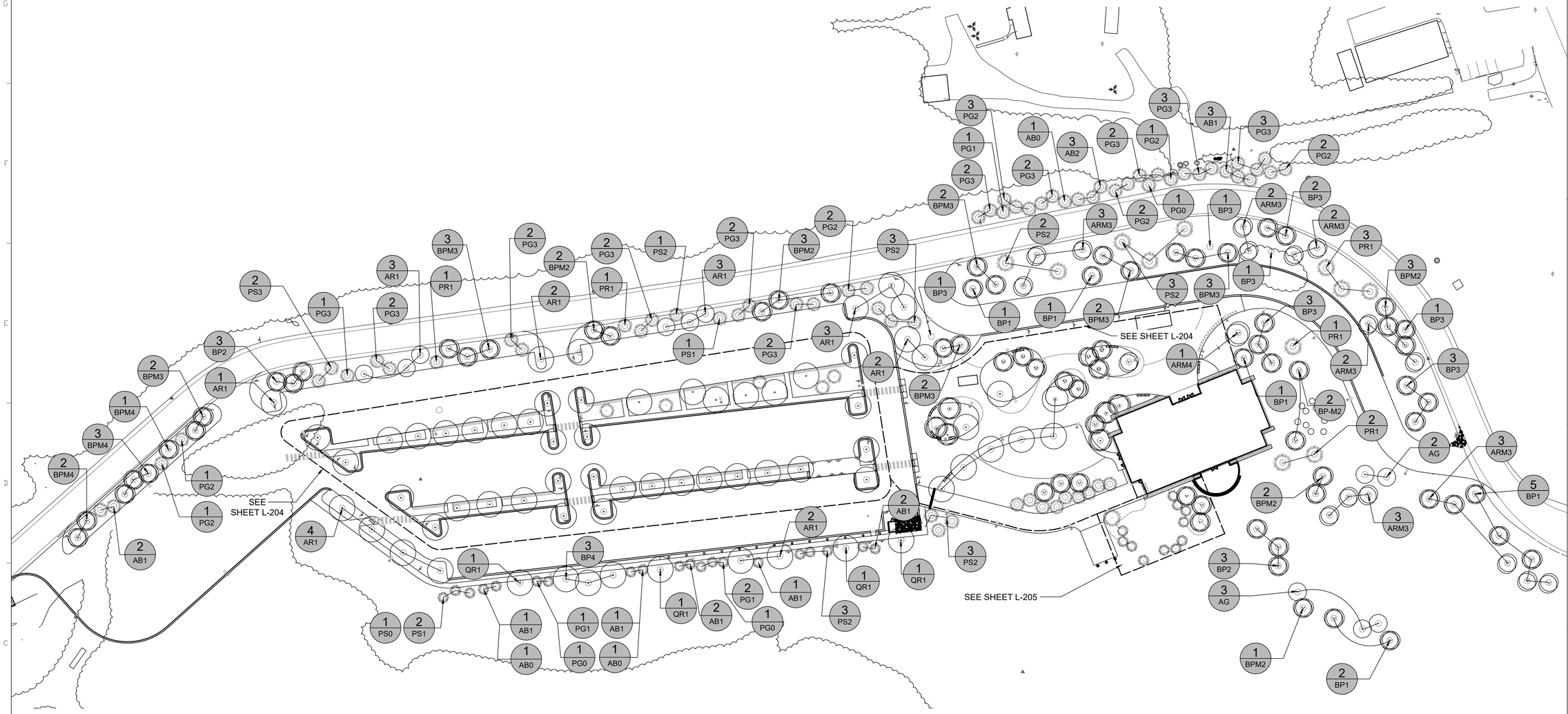
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE TOPSOIL DEPTH PLAN

SHEET NUMBER
L201

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Planting.dwg Jan 25, 2022 - 3:56pm



NOTES:
1) FOR TOPSOIL DEPTHS SEE SHEET L201
2) FOR PLANTING NOTES, DETAILS, & MASTER PLANT LIST SEE SHEET L206
3) ALL SEEDED AREAS TO BE SPECIFIED MEADOW MIX UNLESS OTHERWISE NOTED.

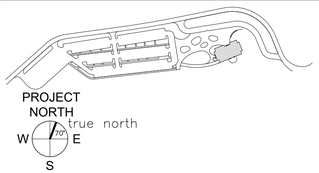
ALL LANDSCAPE WORK SHOWN IS PER PAY ITEM
REFER TO MASTER PLANT LIST SHEET L206
AND SPECIFICATIONS FOR PAY ITEM REFERENCE

SITE TREE PLANTING SCHEDULE SHEET L202

QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES						
20	AR1	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	2"-2 1/2" Cal.	B&B	Single leader, Specimen
15	ARM-3	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	10'-12'	B&B	Multileader, Specimen. Min. 3 leaders
1	ARM-4	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	12'-14'	B&B	Multileader, Specimen. Min. 3 leaders
5	AG	Amelanchier grandiflora 'Robin Hill'	Robin Hill Serviceberry	2"-2.5" Cal.	B&B	Multistem, Clump Specimen
10	BP-1	Betula populifolia "White Spire'	White Spire Gray Birch	2"-2 1/2" Cal.	B&B	Single leader, Specimen
6	BP-2	Betula populifolia "White Spire'	White Spire Gray Birch	2 1/2"-3" Cal.	B&B	Single leader, Specimen
12	BP-3	Betula populifolia "White Spire'	White Spire Gray Birch	3"-3 1/2" Cal.	B&B	Single leader, Specimen
3	BP-4	Betula populifolia "White Spire'	White Spire Gray Birch	3 1/2" -4" Cal.	B&B	Single leader, Specimen
13	BPM-2	Betula populifolia "White Spire'	White Spire Gray Birch	8'- 10' Ht.	B&B	Multistem, Clump, Specimen
14	BPM-3	Betula populifolia "White Spire'	White Spire Gray Birch	10'-12' Ht.	B&B	Multistem, Clump, Specimen
6	BPM-4	Betula populifolia "White Spire'	White Spire Gray Birch	12'-14' Ht.	B&B	Multistem, Clump, Specimen
4	QR1	Quercus rubra	Red Oak	2"-2 1/2": Cal.	B&B	Single leader, Specimen
EVERGREEN TREES						
3	AB1	Abies balsamea	Balsam Fir	5'-6' Ht.	B&B	Full
12	AB1	Abies balsamea	Balsam Fir	6'-8' Ht.	B&B	Full
3	AB2	Abies balsamea	Balsam Fir	8'-10' Ht.	B&B	Full
3	PG0	Picea glauca	White Spruce	5'-6'Ht.	B&B	Full
4	PG1	Picea glauca	White Spruce	6'-8' Ht.	B&B	Full
13	PG2	Picea glauca	White Spruce	8'-10' Ht.	B&B	Full
21	PG3	Picea glauca	White Spruce	10'-12' Ht.	B&B	Full
8	PR1	Pinus rigida	Pitch Pine	6'-8' Ht.	B&B	Full
4	PS1	Pinus strobus	Eastern White Pine	6'-8' Ht.	B&B	Full Non-Sheared
15	PS2	Pinus strobus	Eastern White Pine	8'-10' Ht.	B&B	Full Non-Sheared
4	PS3	Pinus strobus	Eastern White Pine	10'-12' Ht.	B&B	Full Non-Sheared

0 50 100 150
Scale:1" = 50'

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON No. 100
STATE OF MAINE

SIGNATURE _____
ARCH. LIN. NUMBER _____
DATE JANUARY 17, 2022

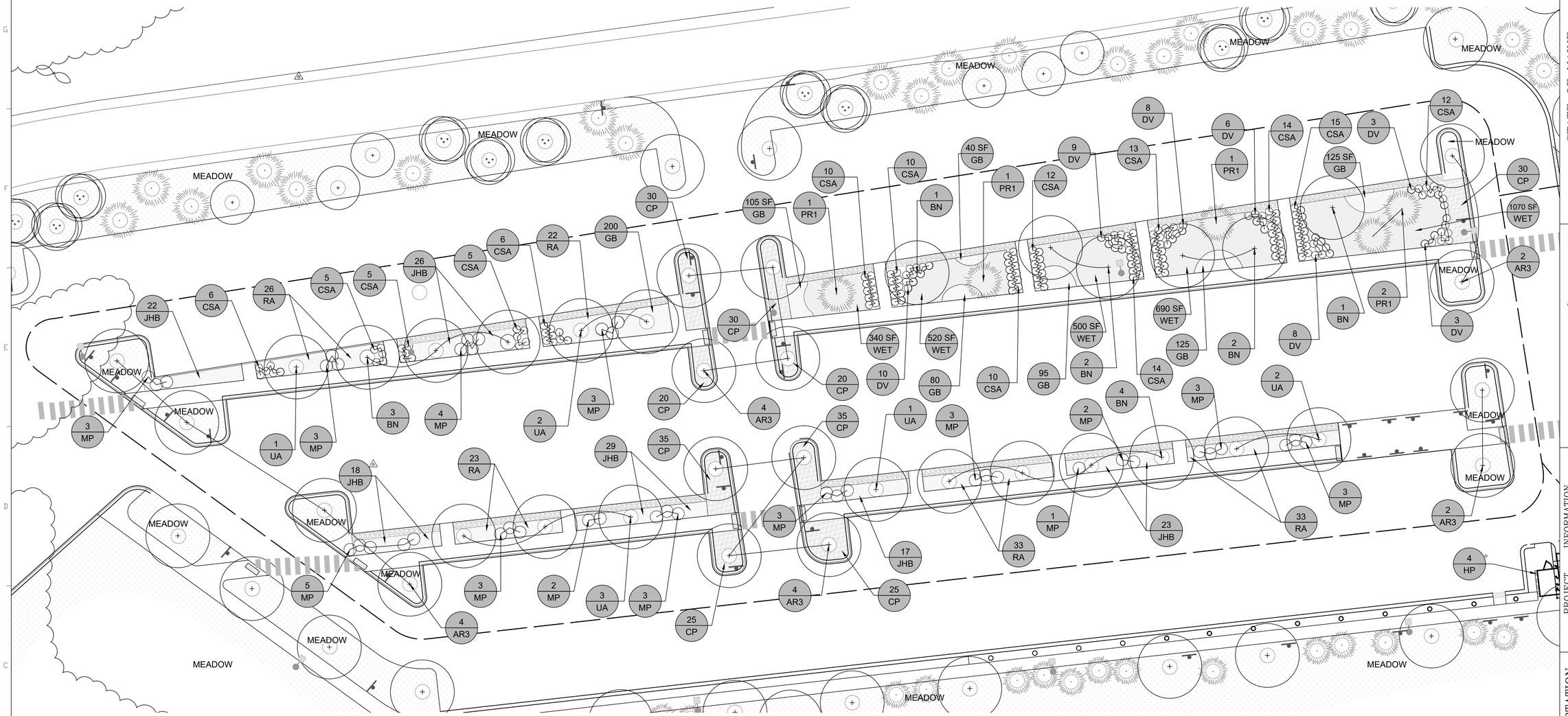
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE TREE PLANTING PLAN

SHEET NUMBER
L202

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Planting.dwg Jan 25, 2022 - 3:56pm


MEADOW
MEADOW
MEADOW

SEE SHEET L202

SEE SHEET L202

MEADOW

SPECIFIED LAWN MIX

SPECIFIED LAWN MIX

SPECIFIED LAWN MIX

SPECIFIED LAWN MIX

MEADOW

MEADOW

MEADOW

SEE SHEET L202

SEE SHEET L205

660 SF WET

250SF AC

250SF AC

225SF GB

175SF DP

800SF DP

500SF DP

450SF GB

300SF DP

250 SF DP

1,000SF DP

5 CS 9 MP 10 CP 1 BPM3 10 MG 21 RFS 2 BP3 6 JHB 4 CS 21 RFS 12 MG 2 MP

6 AR3

1 AR3

3 IV 4 IV

3 CA

3 SD 4 CSI

3 ACS

3 IVS 7 DV 3 ACS

3 PG3 1 PS2

1 PS3

3 PG3

3 BPM2 5 CS

1 BPM2 12 MG

1 PG2

3 FG 4 CSC

3 RMR

4 LB

3 FG

3 CS 20 RFS

3 BP2 5 CS 40 RFS 10 MG

2 BPM4

2 BPM3 14 MG 21 RFS 4 IV 10 MG 12 RFS 13 CP 1 ARM3

2 BP3 20 CP 9 DV 15 JHB 5 MP 12 CP

3 MP 25 RFS 10 JHB 6 MG 1 QR4

40 RFS 15 JHB 1 BPM3 8 JHB 15 JHB

PLAZA PLANT SCHEDULE SHEET L204

QTY	KEY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES							
7	ARM	AC2	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	3"-3 1/2" Cal.	B&B	Single leader, Specimen
7	ARM-3	AC2	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	2" -2 1/2" Cal.	B&B	Single leader, Specimen
1	ARM-2	AC2	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	10'-14'	B&B	Multistem, Clump, Specimen, Min. 3
3	BP3	BP2	Betula populifolia 'White Spire'	White Spire Gray Birch	12'-14'	B&B	Multistem, Clump, Specimen, Min. 3
3	BP3	BP2	Betula populifolia 'White Spire'	White Spire Gray Birch	2"-2 1/2" Cal.	B&B	Single leader, Specimen
4	BP3	BP2	Betula populifolia 'White Spire'	White Spire Gray Birch	2 1/2" - 3" Cal.	B&B	Single leader, Specimen
5	BPM-2	BP4	Betula populifolia 'White Spire'	White Spire Gray Birch	12 1/2" - 3" Cal.	B&B	Single leader, Specimen
5	BPM-2	BPM4	Betula populifolia 'White Spire'	White Spire Gray Birch	8'-10' Ht.	B&B	Multistem, Clump, Specimen
1	BPM-3	BPM4	Betula populifolia 'White Spire'	White Spire Gray Birch	10'-12' Ht.	B&B	Multistem, Clump, Specimen
4	BPM-3	BPM4	Betula populifolia 'White Spire'	White Spire Gray Birch	10'-12' Ht.	B&B	Multistem, Clump, Specimen
2	BPM-4	BPM4	Betula populifolia 'White Spire'	White Spire Gray Birch	12'-14' Ht.	B&B	Multistem, Clump, Specimen
1	QR4	QR4	Quercus rubra	Red Oak	3 1/2" - 4"Cal.	B&B	Single leader, Specimen
EVERGREEN TREES							
6	PG3	PG3	Picea glauca	White Spruce	8'-10' Ht.	B&B	Full
1	PG3	PG3	Picea glauca	White Spruce	10'-12' Ht.	B&B	Full
6	PS2	PS2	Pinus strobus	Eastern White Pine	8'-10' Ht.	B&B	Full, Non-Sheared
1	PS2	PS2	Pinus strobus	Eastern White Pine	10'-12' Ht.	B&B	Full, Non-Sheared
1	PS3	PS3	Pinus strobus	Eastern White Pine	10'-12' Ht.	B&B	Full, Non-Sheared
SHRUBS							
500	AC	AC	Azalea canadense	Rhodora		Sod	
6	ACS	AC	Amelanchier canadensis	Shadblow Serviceberry	3 1/2' - 4' Ht.	B&B or Container	Full
3	CA	ACS	Cornus amomum	Silky Dogwood	#3 1/2' - 4' Ht.	B&B or Container	Full
55	CF	CA	Comptonia peregrina	Sweetfern	#7	Container	Full, Nursery Grown 24" O.C.
27	CS	CF	Cornus racemosa	Gray Dogwood	#7	Container	Full, Nursery Grown 24" O.C.
4	CSC	CS	Clethra alnifolia 'Sixteen Candles'	Sixteen Candles Summersweet	#3 3' Ht.	Container	Full
4	CSI	CSC	Cornus sanguinea 'Compressa'	Dwarf Bush Dogwood	#3 2-3' Ht.	Container	Full
19	DV	CSI	Diervilla lonicera	Dwarf Bush Honeysuckle	#3 3-4' Ht.	Container	Full
9	FG	DV	Fothergilla gardenii	Dwarf Witch-Alder	#3	Container	Full
13	IV	FG	Ilex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry	#3	Container	Full
675	IVS	IV	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Juniper	#3 15-18" Sp.	Container	Full
11	JHB	IVS	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Juniper	#3 15-18" Sp.	Container	Full
4	LB	JHB	Myrica pensylvanica	Northern Bayberry	#3 3' Ht.	Container	Full
74	RMR	LB	Myrica pensylvanica	Northern Bayberry	#3 3' Ht.	Container	Full
19	SD	MP	Rhododendron maximum 'Roseum'	Rosebay Rhododendron	2 1/2-3' Ht.	B&B	Full, Specimen
3		RMR	Rhododendron maximum 'Roseum'	Rosebay Rhododendron	2 1/2-3' Ht.	B&B	Full, Specimen
PERENNIALS, GROUNDCOVERS, & GRASSES							
225	RFS	SD	Salix discolor	Pussywillow	#5	Container	Full
3025 SF	DP	RFS	Rudbeckia fulgida var. sullivantii 'Goldsturm'	Goldsturm Coneflower	1 Gal.	Container	Full, 18" o.c.
500	IFG	DP	Dennstaedtia punctilobula	Hayscented Fern		Sod	Full, Weed Free
3025 SF	DP	IFG	Dennstaedtia punctilobula	Hayscented Fern		Sod	Full, Weed Free
660 SF	WET	WET	Wetland Seed Mix			Hydroseed	Weed Seed Free

NOTES:
1) FOR TOPSOIL DEPTHS SEE SHEET L201
2) FOR PLANTING NOTES, DETAILS, & MASTER PLANT LIST SEE SHEET L206
3) ALL SEEDED AREAS TO BE SPECIFIED MEADOW MIX UNLESS OTHERWISE NOTED.

ALL LANDSCAPE WORK SHOWN IS PER PAY ITEM
REFER TO MASTER PLANT LIST SHEET L206
AND SPECIFICATIONS FOR PAY ITEM REFERENCE

ALL LANDSCAPE WORK SHOWN IS LUMP SUM

0 10 20 30
Scale:1" = 10'

PROJECT KEY PLAN

PROJECT NORTH
true north
70°
W E
S

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON
No. 100
STATE OF MAINE

SIGNATURE _____
ARCH. LIN. NUMBER _____
DATE JANUARY 17, 2022

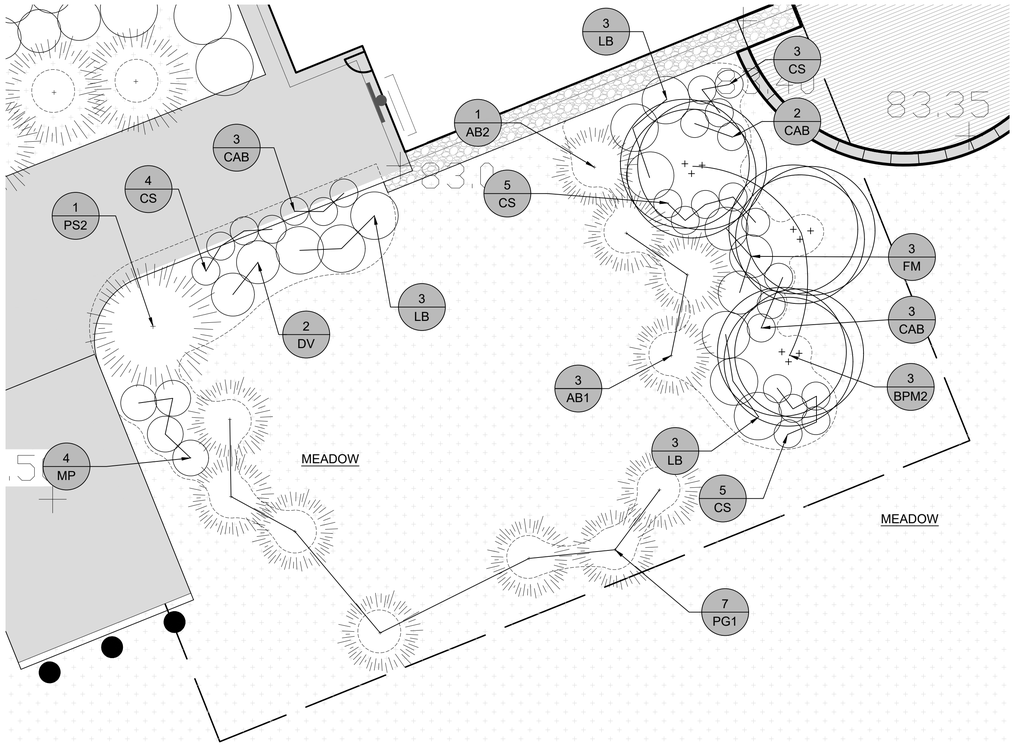
INFORMATION			DATE
PROJECT			
PROGRAM MANAGER	–	–	–
PROJECT MANAGER	–	–	–
DESIGNER	AECOM	–	–
CONSULTANT	–	–	–
PROJECT RESIDENT	–	–	–
CONTRACTOR	–	–	–
PROJECT COMPLETION DATE	–	–	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLAZA PLANTING PLAN

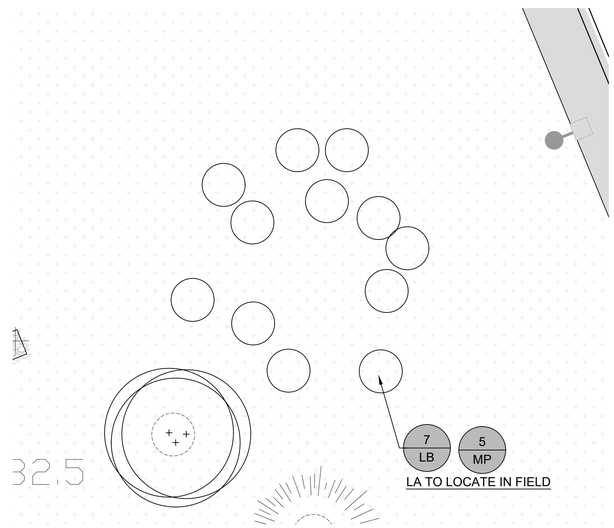
SHEET NUMBER
L204

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Planting.dwg Jan 25, 2022 - 3:56pm



1 Utility Screen Planting Enlargement

1" = 10'-0"



2 Well Vault Screen Planting Enlargement

1" = 10'-0"

ENLARGEMENTS PLANT SCHEDULE SHEET 205						
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES						
3	BPM-2	Betula populifolia "White Spire'	White Spire Gray Birch	8' - 10' Ht.	B&B	Multistem, Clump, Specimen
EVERGREEN TREES						
3	AB1	Abies balsamea	Balsam Fir	6'-8' Ht.	B&B	Full
1	AB2	Abies balsamea	Balsam Fir	8'-10' Ht.	B&B	Full
7	PG1	Picea glauca	White Spruce	6'-8' Ht.	B&B	Full
1	PS2	Pinus strobus	Eastern White Pine	8'-10' Ht.	B&B	Full Non-Sheared
SHRUBS						
8	CAB	Cornus alba 'Bud's Yellow'	Yellow Dogwood	#2	Container	Full
17	CS	Cornus serica 'Cardinal'	Cardinal Red-Osier Dogwood	#3	Container	Full
2	DV	Diervilla lonicera	Dwarf Bush-Honeysuckle	#3	Container	Full
3	FM	Fothergilla major 'Mount Airy'	Mount Airy Fothergilla	#2	Container	Full
9	LB	Lindera benzoin	Spicebush	#3	Container	Full
4	MP	Myrica pensylvanica	Northern Bayberry	#3 2-3'	Container	Full

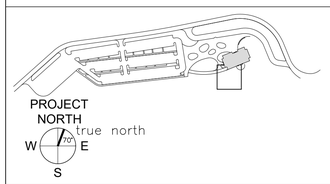
NOTES:
1) FOR TOPSOIL DEPTHS SEE SHEET L201
2) FOR PLANTING NOTES, DETAILS, & MASTER PLANT LIST SEE SHEET L206
3) ALL SEEDED AREAS TO BE SPECIFIED MEADOW MIX UNLESS OTHERWISE NOTED.

ALL LANDSCAPE WORK SHOWN IS PER PAY ITEM
REFER TO MASTER PLANT LIST SHEET L206
AND SPECIFICATIONS FOR PAY ITEM REFERENCE

ALL LANDSCAPE WORK SHOWN IS LUMP SUM

0 10 20 30
Scale:1" = 10'

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON
No. 100
STATE OF MAINE

SIGNATURE _

ARCH. LIN. NUMBER _

DATE JANUARY 17, 2022

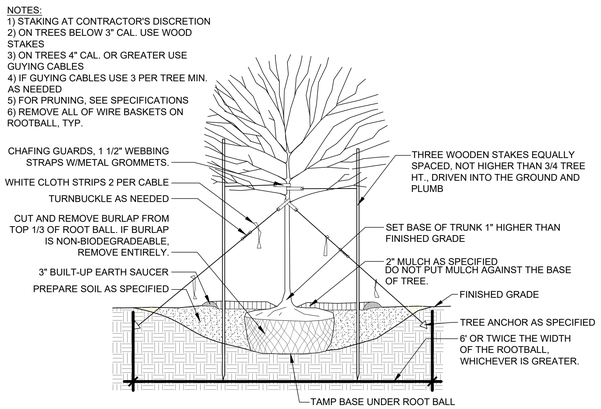
PROJECT INFORMATION	
PROGRAM	_
PROJECT MANAGER	_
DESIGNER	AECOM
CONSULTANT	_
PROJECT RESIDENT	_
CONTRACTOR	_
PROJECT COMPLETION DATE	_

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLANTING ENLARGEMENTS

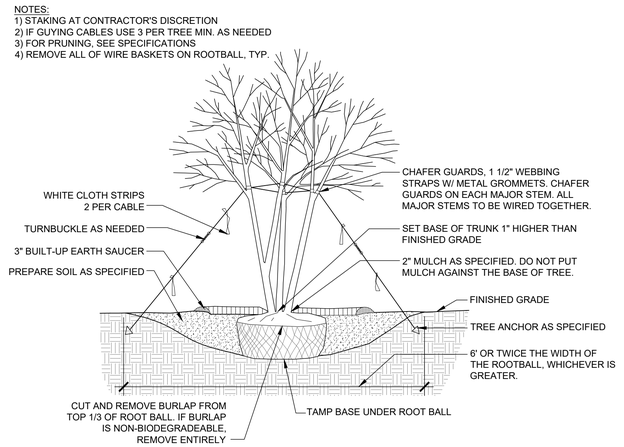
SHEET NUMBER
L205

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Planting.dwg Jan 25, 2022 - 3:57pm



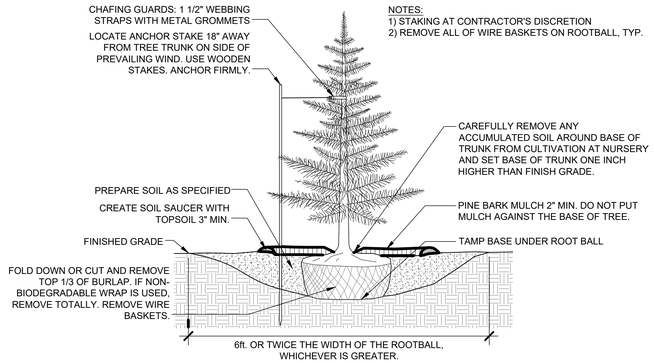
1 Tree Planting

Scale: NA



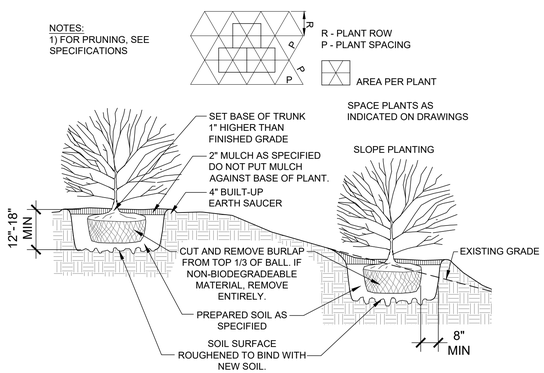
2 Multi Stem Tree Planting

Scale: NA



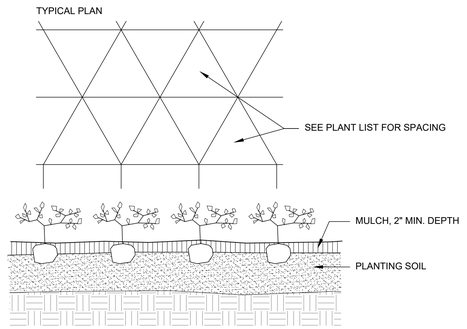
3 Evergreen Tree Planting

Scale: NA



4 Shrub Planting

Scale: NA



5 Groundcover Planting

Scale: NA

MASTER PLANT SCHEDULE

Pay Item	QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
621.273	20	AR1	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	2"-2 1/2" Cal.	B&B	Single leader, Specimen
621.285	23	AR3	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	3"-3 1/2" Cal.	B&B	Single leader, Specimen
621.263	16	ARM-3	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	10'-12'	B&B	Multileader, Specimen. Min. 3
621.263	1	ARM-4	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	12'-14'	B&B	Multileader, Specimen. Min. 3
621.554	5	AG	Amelanchier grandiflora 'Robin Hill'	Robin Hill Serviceberry	2"-2.5" Cal.	B&B	Multistem, Clump Specimen
621.201	10	BP-1	Betula populifolia "White Spire'	White Spire Gray Birch	2"-2 1/2" Cal.	B&B	Single leader, Specimen
621.204	9	BP-2	Betula populifolia "White Spire'	White Spire Gray Birch	2 1/2"-3" Cal.	B&B	Single leader, Specimen
621.205	16	BP-3	Betula populifolia "White Spire'	White Spire Gray Birch	3"-3 1/2" Cal.	B&B	Single leader, Specimen
621.206	3	BP-4	Betula populifolia "White Spire'	White Spire Gray Birch	3 1/2" -4" Cal.	B&B	Single leader, Specimen
621.186	21	BPM-2	Betula populifolia "White Spire'	White Spire Gray Birch	8' - 10' Ht.	B&B	Multistem, Clump, Specimen
621.264	18	BPM-3	Betula populifolia "White Spire'	White Spire Gray Birch	10'-12' Ht.	B&B	Multistem, Clump, Specimen
621.264	8	BPM-4	Betula populifolia "White Spire'	White Spire Gray Birch	12'-14' Ht.	B&B	Multistem, Clump, Specimen
621.281	4	QR1	Quercus rubra	Red Oak	2"-2 1/2": Cal.	B&B	Single leader, Specimen
621.292	1	QR4	Quercus rubra	Red Oak	3 1/2" - 4"Cal.	B&B	Single leader, Specimen
261.264	14	BN	Betula nigra 'Dura Heat'	Dura Heat River Birch	14'-16' Ht.	B&B	Single, Specimen
621.274	9	UA	Ulmus 'Morton Glossy'	Triumph Elm	2"-2 1/2: Cal	B&B	Single leader, Specimen
	EVERGREEN TREES						
621.037	3	AB0	Abies balsamea	Balsam Fir	5'-6' Ht.	B&B	Full
621.044	12	AB1	Abies balsamea	Balsam Fir	6'-8' Ht.	B&B	Full
621.148	4	AB2	Abies balsamea	Balsam Fir	8'-10' Ht.	B&B	Full
621.037	3	PG0	Picea glauca	White Spruce	5'-6'Ht.	B&B	Full
621.044	11	PG1	Picea glauca	White Spruce	6'-8' Ht.	B&B	Full
621.048	14	PG2	Picea glauca	White Spruce	8'-10' Ht.	B&B	Full
621.052	27	PG3	Picea glauca	White Spruce	10'-12' Ht.	B&B	Full
621.044	16	PR1	Pinus rigida	Pitch Pine	6'-8' Ht.	B&B	Full
621.044	4	PS1	Pinus strobus	Eastern White Pine	6'-8' Ht.	B&B	Full Non-Sheared
621.048	15	PS2	Pinus strobus	Eastern White Pine	8'-10' Ht.	B&B	Full Non-Sheared
621.052	5	PS3	Pinus strobus	Eastern White Pine	10'-12' Ht.	B&B	Full Non-Sheared
	SHRUBS						
616.30	500 SF	AC	Azalea canadense	Rhodora		Sod	
621.559	6	ACS	Amelanchier canadensis	Shadblow Serviceberry	3 1/2' - 4' Ht.	B&B or Container	Full
621.122	3	CA	Cornus alternifolia	Pagoda Dogwood	#7	Container	Full
621.546	305	CP	Comptonia peregrina	Sweetfern	#2	Container	Full, Nursery Grown 24" O.C.
621.547	44	CS	Cornus serica 'Cardinal'	Cardinal Red-Osier Dogwood	#3	Container	Full
621.547	137	CSA	Cornus serica 'Alman's Compact'	Alman's Compact Dogwood	#3	Container	Full
621.548	4	CSC	Clethra alnifolia 'Sixteen Candles'	Sixteen Candles Summersweet	#5 2-3' Ht.	Container	Full
621.546	8	CAB	Cornus alba 'Bud's Yellow'	Yellow Dogwood	#2	Container	Full
621.554	4	CSI	Cornus serica 'Insanti'	Insanti Dogwood	#5 3-4' Ht.	Container	Full
621.547	65	DV	Diervilla lonicera	Dwarf Bush-Honeysuckle	#3	Container	Full
621.544	9	FG	Fothergilla gardenii	Dwarf Fothergilla	#5	Container	Full
621.542	3	FM	Fothergilla major 'Mount Airy'	Mount Airy Fothergilla	#2	Container	Full
616.100	1445 SF	GB	Gaylussacia baccata	Huckleberry		Sod	Full, Weed Free
621.558	11	IV	Ilex verticillata 'Sparkleberry'	Sparkleberry Winterberry	#5 4-5' Ht.	Container	Full
621.547	3	IVS	Ilex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry	#3	Container	Full
621.391	204	JHB	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Juniper	#3 15-18"' Sp.	Container	Full
621.547	13	LB	Lindera benzoin	Spicebush	#3	Container	Full
621.547	115	MG	Myrica gale	Sweetgale	#3	Container	Full
621.525	23	MP	Myrica pensylvanica	Northern Bayberry	#3 2-3' Ht.	Container	Full
621.50	3	RMR	Rhododendron maximum 'Roseum'	Rosebay Rhododendron	2 1/2-3' Ht.	B&B	Full, Specimen
621.546	137	RA	Rhus aromatica 'Grow Low'	Grow Low Sumac	#2	Container	Full, Nursery Grown 36" O.C.
621.553	3	SD	Salix discolor	Pussywillow	#5	Container	Full
	PERENNIALS, GROUNDCOVERS, & GRASSES						
621.711	200	RFS	Rudebeckia fulgida var. sullivantii 'Goldsturm'	Goldsturm Coneflower	1 Gal.	Container	Full, 18"o.c.
616.200	3025 SF	DP	Dennstaedtia puntilobubla	Hayscented Fern		Sod	Full, Weed Free
618.147	3780 SF	WET	Wetland Seed Mix			Hydroseed	Weed Seed Free
618.240	201619		Meadow Mix				
618.149	6534		Lawn Seed Mix - Plaza				
621.662	4	HP	Hydrangea petiolaris	Climbing Hydrangea	#2	Container	

PLANTING NOTES

1. CONTRACTOR : VERIFY THE LOCATION OF ALL UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICT TO THE OWNERS REPRESENTATIVE.

2. PLANT NO TREES OR SHRUBS BEFORE ACCEPTANCE OF ROUGH GRADING. OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT PLANTS PRIOR TO AND AFTER PLANTING.

3. LAWN AREAS WITHIN THE LIMIT OF WORK OR OUTSIDE THE LIMIT OF WORK WHICH ARE DISTURBED DURING CONSTRUCTION (INCLUDING PLANTING OPERATIONS) SHALL BE RETURNED TO ORIGINAL GRADE, LOAMED AND SEEDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

4. CONTRACTOR TO ENSURE PLANTS SHALL BE WELL WATERED THROUGHOUT THE FIRST GROWING SEASON.

5. LOAM & SEED ALL DISTURBED AREAS NOT NOTED TO RECEIVE OTHER TREATMENT.

6. PLANT BEDS FOR SHRUB PLANTINGS SHALL BE CONTINUOUS UNLESS NOTED OTHERWISE.

7. OWNERS REPRESENTATIVE TO APPROVE PLANT MATERIALS PRIOR TO DELIVERY TO SITE AND AGAIN AT SITE PRIOR TO PLANTING.

8. NO SUBSTITUTION OF PLANT SPECIES OR VARIETIES WITHOUT OWNERS REPRESENTATIVE WRITTEN APPROVAL.

9. STAKE OUT PLANTS AND PLANT BEDS IN THEIR APPROXIMATE LOCATION. ADJUST LOCATIONS OF STAKES AS DIRECTED BY OWNERS REPRESENTATIVE TO ACCOUNT FOR UTILITIES AND OTHER FIELD CONDITIONS. OWNERS REPRESENTATIVE TO APPROVE FINAL STAKE LOCATIONS PRIOR TO PLANTING.

10. COMPLETE QUANTITIES OF PLANTS FOR EACH AREA TO BE AVAILABLE ON SITE AT THE TIME OF PLANTING FOR FIELD LAYOUT BY THE OWNERS REPRESENTATIVE. NO PARTIAL LAYOUT AND PLANTING OF AREAS WILL BE ACCEPTABLE.

11. LOOSE OR CRACKED ROOTBALLS ARE UNACCEPTABLE AND WILL BE REJECTED.

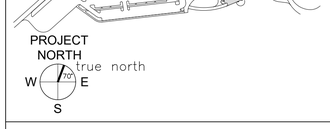
12. REMOVE TOP 2/3 OF WIRE BASKETS. REMOVE TOP 1/3 OF BURLAP. SYNTHETIC BURLAP WILL NOT BE ACCEPTED. FOR CONTAINER PLANTS, REMOVE CONTAINER AND SCARIFY EDGES OF ROOTBALL 1/2 INCH DEEP IN A MINIMUM OF FOUR LOCATIONS AND AT BOTTOM OF ROOTBALL.

13. RAISE AND REPLANT PLANT MATERIAL THAT SETTLE AFTER PLANTING AND WATERING.

14. WATER PLANTS THOROUGHLY AFTER INSTALLATION, A MINIMUM OF TWICE WITHIN THE FIRST 24 HOURS.

ALL LANDSCAPE WORK SHOWN IS LUMP SUM

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
DATE
FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON No. 100
STATE OF MAINE

PROJECT INFORMATION

PROGRAM	--	
PROJECT MANAGER	--	
DESIGNER	AECOM	
CONSULTANT	--	
PROJECT RESIDENT	--	
CONTRACTOR	--	
PROJECT COMPLETION DATE	--	

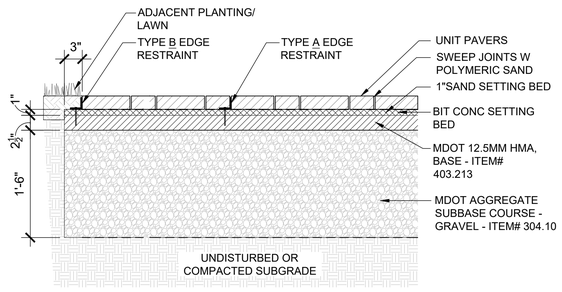
SIGNATURE _____
ARCH. LIN. NUMBER _____
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

PLANTING NOTES, DETAILS & SCHEDULE

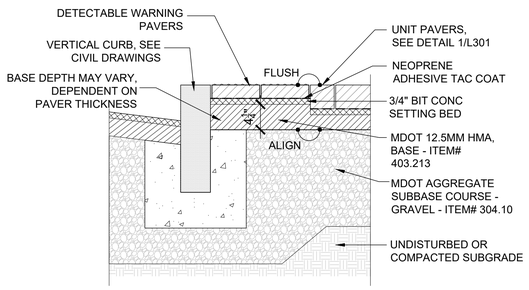
SHEET NUMBER
L206

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Planting.dwg Jan 25, 2022 - 3:57pm



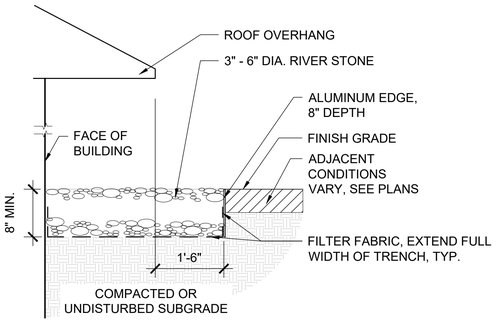
1 Unit Pavers on Bit Conc

Scale: 1" = 1'-0"



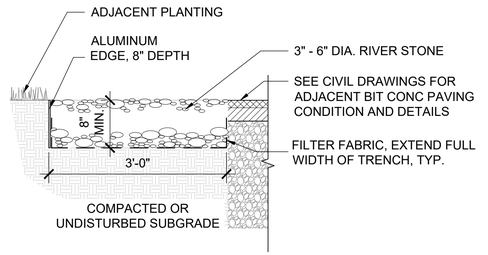
2 Detectable Warning Pavers

Scale: 1" = 1'-0"



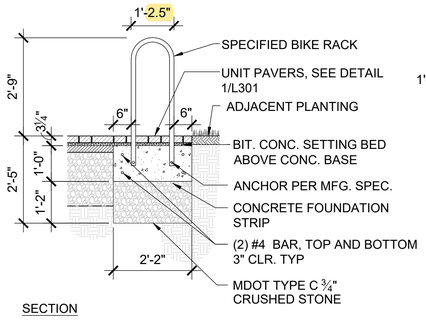
3 River Stone Drip Strip

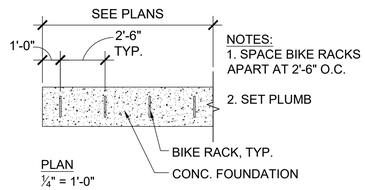
Scale: 1" = 1'-0"



4 River Stone Edge in Parking Lot

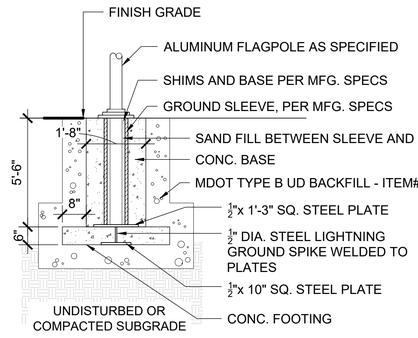
Scale: 1" = 1'-0"





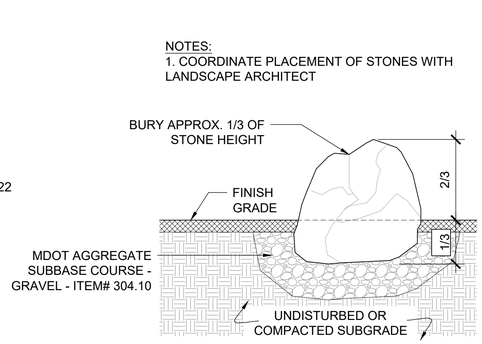
5 Bike Rack

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



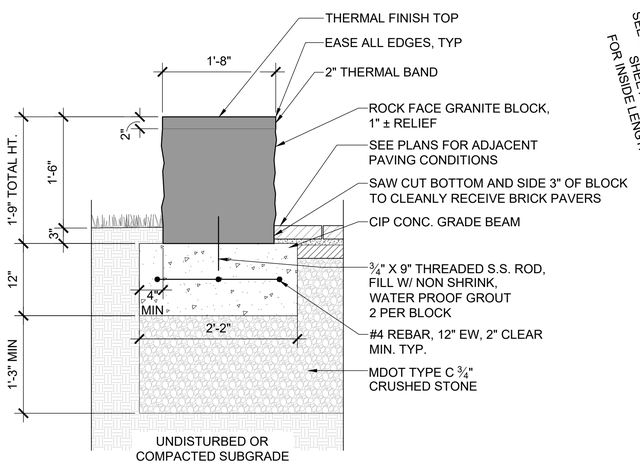
6 Flag Pole

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

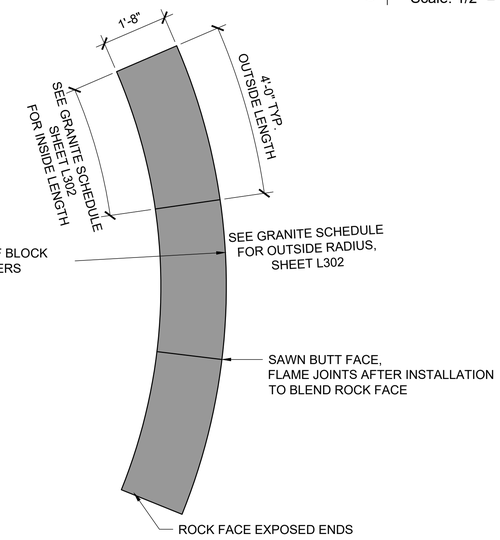


7 Boulder Setting

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



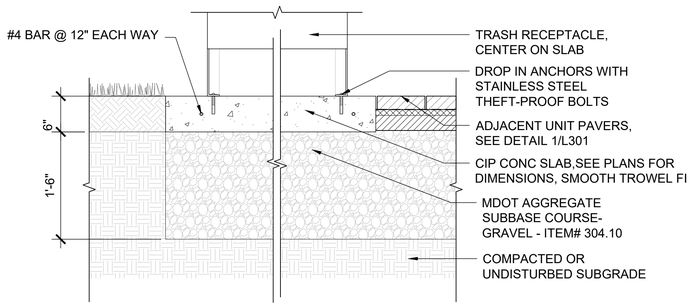
SECTION



RADIAL SEAT WALL PLAN
NTS

8 Stone Seat Wall

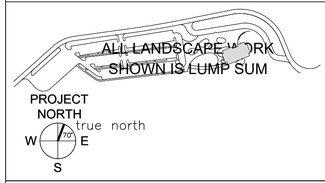
Scale: 1" = 1'-0"



9 Trash Receptacle Footing & Concrete Pad

Scale: 1" = 1'-0"

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON No. 100
STATE OF MAINE

INFORMATION		SIGNATURE	DATE
–	–	–	
AECOM	–	ARCH. LIN. NUMBER	–
–	–	–	
–	–	–	
–	–	–	

JANUARY 17, 2022

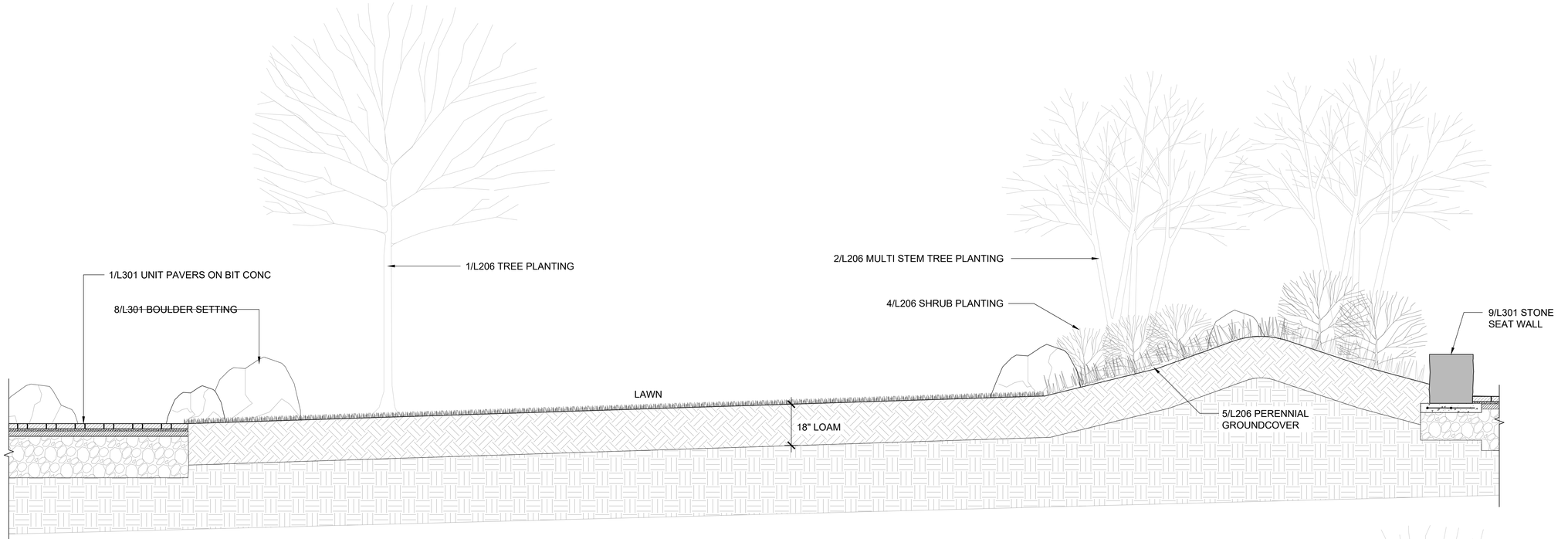
PROJECT INFORMATION		DATE
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	–	–
CONSULTANT	–	–
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE		–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE DETAILS

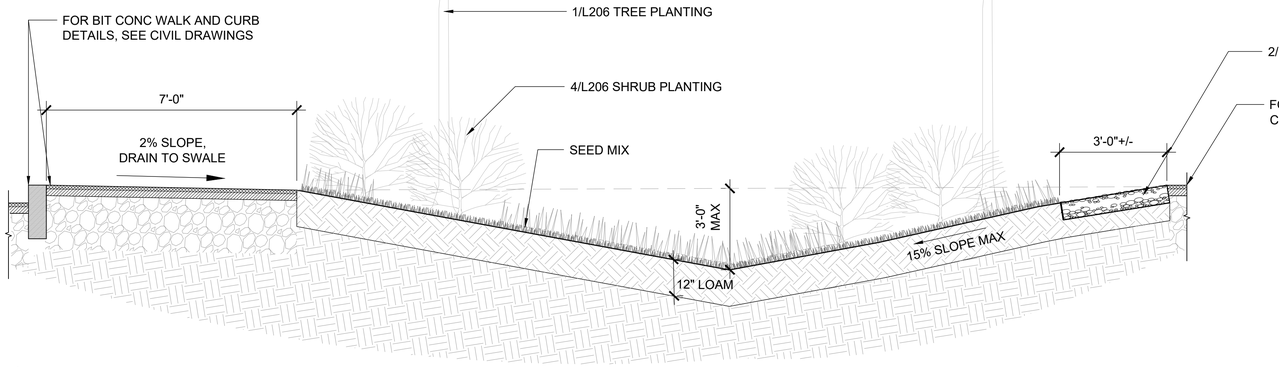
SHEET NUMBER
L301

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Details.dwg Jan 25, 2022 - 12:13pm



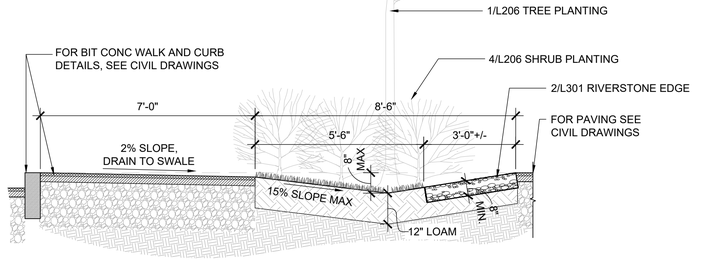
1 Section A - Planted Plaza Island

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



2 Section B - Parking Lot Infiltration Swale

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

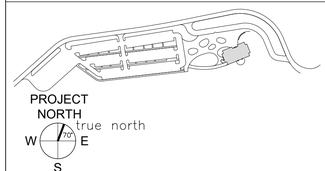


3 Section C - Planted Median Strip

NTS

ALL LANDSCAPE WORK SHOWN IS LUMP SUM

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

REGISTERED LANDSCAPE ARCHITECT
SAMUEL R. COPLON No. 100
STATE OF MAINE

SIGNATURE

ARCH. LIN. NUMBER

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SITE SECTIONS

SHEET NUMBER

L302

C:\Users\Sam\AppData\Local\Temp\AcPublish_2948\AGC Details.dwg Jan 25, 2022 - 12:13pm

A10 8.17 1"

A9 5.75 1"

A5 5.8 1"

A4 9.86 1"

A3 3.0 1"

A2 8.46 1"

A1 1.93 1"

A6 1.66 1"

A8 1.66 1"

A7 4.95 1"

3"SL.

4"SL.

INSTALL TWO SPARE WIRES FROM CONTROLLER TO THIS LOCATION, COIL NEATLY AND WATERPROOF IN ZONE VALVE BOX.

INSTALL ONE SPARE WIRE FROM CONTROLLER TO THIS LOCATION, COIL NEATLY AND WATERPROOF IN ZONE VALVE BOX.

LATERAL PIPING TO TREE RINGS SHALL NOT BE CONNECTED TO DRIP TUBING OR SUPPLY AND EXHAUST HEADERS FOR PLANTING BEDS. THIS PIPING SHALL BE DEDICATED TO TREES ONLY (TYPICAL).

INSTALL ONE SPARE WIRE FROM CONTROLLER TO THIS LOCATION, COIL NEATLY AND WATERPROOF IN ZONE VALVE BOX.

IRRIGATION POINT OF CONNECTION IN THE LANDSCAPE AREA.

2-INCH SCHEDULE 40 ELECTRICAL CONDUIT

PROPOSED VISITOR CENTER
FFE 82.7

SERVICE VEHICLE TURN AROUND

SERVICE VEHICLE TURN AROUND

WATER FOUNTAIN

6" SPRINKLER

2" FIRE TANK MAIN

UGT/C

CB9

SEE I-1.02 FOR LEGEND AND NOTES

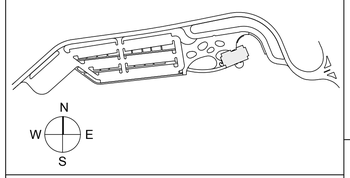
GRAPHIC SCALE
0 10 20 30
SCALE: 1" = 10'

ALL IRRIGATION WORK IS LUMP SUM

Irrigation Consulting, Inc.
Providing innovative design solutions for irrigation worldwide.
20 Morris Parkway
Nashua, NH 03062
(978) 433.8412 Fax 433.2788
BVINCHES@IRRIGATIONCONSULTING.COM
112 S. Old Statesville Rd., Suite 104
Huntersville, NC 28078
(704) 843.3688 Fax 843.3511

STACY D. GARDNER CERTIFIED IRRIGATION DESIGNER 002813 COMMERCIAL ★ GOLF COURSE

PROJECT KEY PLAN



AECOM
AECOM TECHNICAL SERVICES, INC.
66 LONG WHARF
BOSTON, MA 02110
617.723.1700 tel 617.723.6856 fax
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
PIN NO: 017163.02 &017163.03

INFORMATION		SIGNATURE	DATE
PROJECT MANAGER	AECOM		
DESIGNER	COPLON ASSOCIATES	ARCH. LIN. NUMBER	
CONSULTANT			
PROJECT RESIDENT			
CONTRACTOR			
PROJECT COMPLETION DATE			

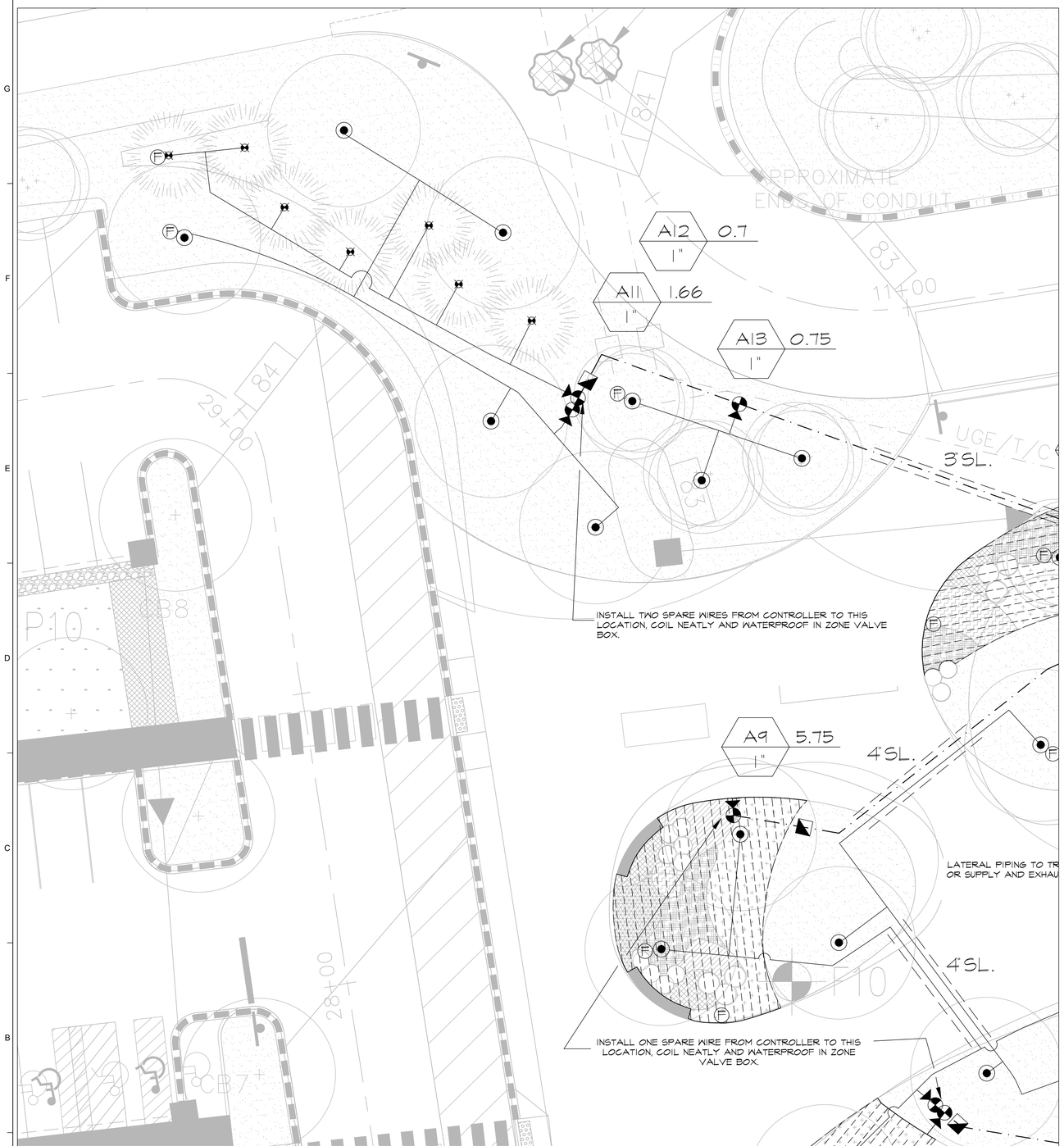
DATE January 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

IRRIGATION PLAN

SHEET NUMBER
I101

© 2021 IRRIGATION CONSULTING, INC. EXPRESSLY RESERVES ITS COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE DRAWINGS. THESE DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF IRRIGATION CONSULTING, INC.



GRAPHIC SCALE
0 10 20 30
SCALE: 1" = 10'

IRRIGATION LEGEND

SYMBOL	PSI	SPACING	DESCRIPTION
	45	-	DEEP DRIP WATERING TREE STAKES 14-INCHES LONG, THREE (3) PER TREE, WITH 1 GPH PRESSURE COMPENSATING EMITTERS
	45	-	DEEP DRIP WATERING TREE STAKES 24-INCHES LONG, FOUR (4) PER TREE, WITH 2 GPH PRESSURE COMPENSATING EMITTERS
	45	12"x18"	IN-LINE EMITTER DRIP TUBING

	ISOLATION GATE VALVE
	1" QUICK COUPLING VALVE
F	MANUAL FLUSHING VALVE
	24 VOLT ELECTRIC ZONE VALVE W/ DISK FILTER (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
	1" 100 PSI POLYETHYLENE LATERAL PIPE
	1-1/2" CLASS-200 PVC MAINLINE PIPING
	CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED) INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES, MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
R	AUTOMATIC WEATHER SENSOR
A	AUTOMATIC CONTROLLER

VALVE DESIGNATION:

A 25 1"

- STATION NO.
- FLOW
- VALVE SIZE

IRRIGATION NOTES

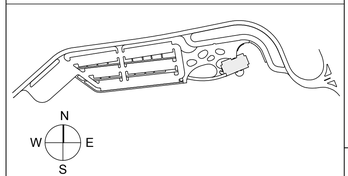
0. SEE IRRIGATION DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIRED INFORMATION.
1. COORDINATE FINAL LOCATION OF DRIP TUBING AND TREE RINGS W/ FINAL APPROVED LANDSCAPE.
2. PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC, CONTRACTOR SHALL FIELD VERIFY.
3. VALVES AND VALVE BOXES SHALL BE PLACED, IN PLANTED AREAS UNDER MULCH.
4. INSTALL PIPING AS FAR FROM TREES AND ROOT BALLS AS POSSIBLE WHILE MAINTAINING THE DRIP TUBE SPACING.
5. CONTROL WIRE SHALL BE #14 GAUGE SINGLE STRAND RED AND, COMMON WIRE SHALL BE #14 GAUGE SINGLE STRAND WHITE AND ALL SPARE WIRES, INSTALLED WHERE SHOWN, SHALL BE #14 GAUGE SINGLE STRAND BLUE.
6. QUICK COUPLING VALVES SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)
7. IRRIGATION SYSTEM IS DESIGNED TO PROVIDE 12 GPM MAX FROM BUILDING WATER ROOM 002. SYSTEM TO PRODUCE 65-PSI DYNAMIC PRESSURE AT POINT OF CONNECTION IN THE LANDSCAPE AREA.
8. CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK, REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REP. BEFORE CONTINUING.
9. INSTALL CONTROLLER IN MECHANICAL ROOM 004 AS DIRECTED BY OWNER'S REP., HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT, BUILDING POWER SUPPLY. ROUTE ZONE AND SPARE WIRES TO CONTROLLER VIA 2 INCH CONDUIT.
10. INSTALL WEATHER SENSOR ON EXTERIOR BUILDING WALL WHERE DIRECTED BY OWNER'S REP. EXTERIOR WEATHER SENSOR WIRING SHALL BE CONTAINED IN 1/2 INCH CONDUIT, SECURED TO OUTSIDE OF BUILDING WALL.
11. ABOVE GROUND WIRING, INSIDE AND OUTSIDE OF BUILDING, SHALL BE INSTALLED IN RIGID CONDUIT.
12. COORDINATE LOCATION OF EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
13. IN-LINE DRIP TUBING TO BE INSTALLED 6" FROM MASONRY WALLS, PLANTER SIDE WALLS AND CURBING, ON AN 18" CENTER TO CENTER ROW SPACING.
14. FLUSH LATERAL LINES BEFORE INSTALLING IN-LINE DRIP TUBING.
15. STAKE IN-LINE DRIP TUBING AT MINIMUM 5 FOOT INTERVALS TO PREVENT MOVEMENT AND MINIMUM 3 PER TREE RING.
16. IN-LINE DRIP TUBING TO BE INSTALLED 2 TO 4" BELOW GRADE. NO DRIP LINE TUBING SHALL BE VISIBLE TO THE NAKED EYE.
17. INSTALL MANUAL FLUSH VALVES AT LOWEST POINT OF POLYETHYLENE EXHAUST HEADER GENERALLY WHERE SHOWN ON THE DRAWINGS.
18. CONTRACTOR MUST SUBMIT PRODUCT SHEETS AS PER THE WRITTEN SPECIFICATIONS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.
19. MATERIAL SUBSTITUTIONS WHICH VARY FROM THE SPECIFIED PRODUCTS MUST BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL AS PART OF THE SUBMITTAL PROCESS.
20. ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. THE OWNER'S REPRESENTATIVE MUST BE NOTIFIED A MINIMUM OF 7-DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.

ALL IRRIGATION WORK SHOWN IS LUMP SUM

Irrigation Consulting, Inc.
Providing innovative design solutions for irrigation worldwide.
20 Merrit Parkway
Nashua, NH 03063
(978) 433.8472 Fax 433.2188
BVINCENS@IRRIGATIONCONSULTING.COM
112 S. Old Statesville Rd, Suite 104
Huntersville, NC 28078
(704) 845.3680 Fax 845.3511

STACY O. GARDNER — CERTIFIED IRRIGATION DESIGNER — 002813 — COMMERCIAL ★ GOLF COURSE

PROJECT KEY PLAN



AECOM
AECOM TECHNICAL SERVICES, INC.
66 LONG WHARF
BOSTON, MA 02110
617.723.1700 tel 617.723.6856 fax
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

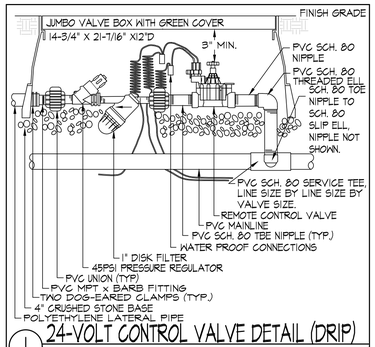
DATE	
FED PIN NO.	NA
PIN NO.	017163.02 & 017163.03

PROJECT INFORMATION		SIGNATURE
PROGRAM	-	
PROJECT MANAGER	-	
DESIGNER	AECOM	ARCH. LIC. NUMBER
CONSULTANT	COPLON ASSOCIATES	
PROJECT RESIDENT	-	DATE January 17, 2022
CONTRACTOR	-	
PROJECT COMPLETION DATE	-	

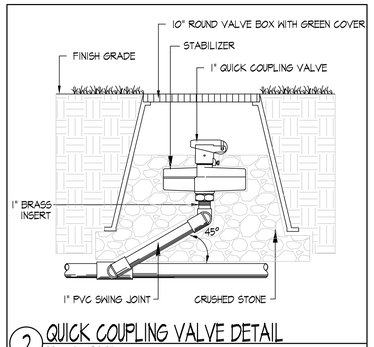
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND VISITOR CENTER

IRRIGATION PLAN

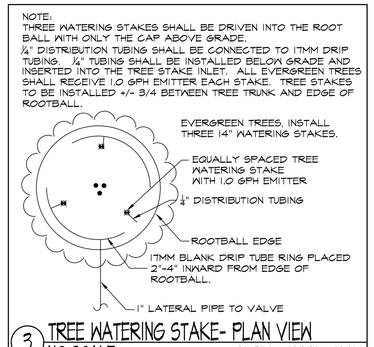
SHEET NUMBER
I102



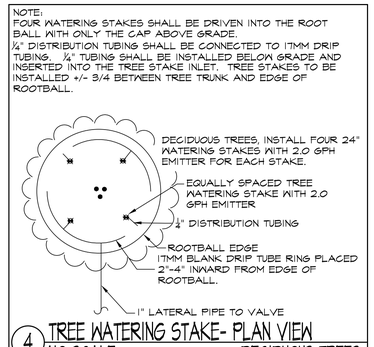
1 24-VOLT CONTROL VALVE DETAIL (DRIP)
NO SCALE



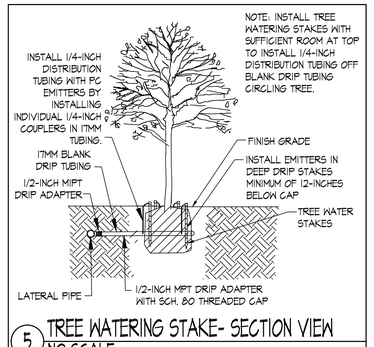
2 QUICK COUPLING VALVE DETAIL
NO SCALE



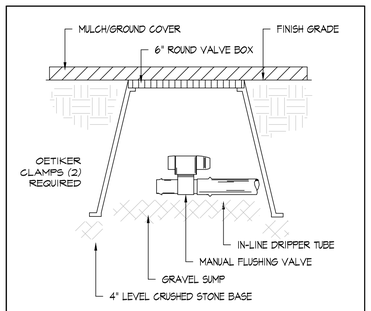
3 TREE WATERING STAKE- PLAN VIEW
NO SCALE EVERGREEN TREES



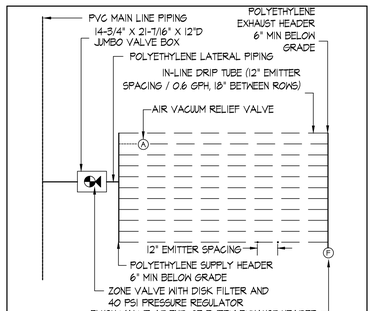
4 TREE WATERING STAKE- PLAN VIEW
NO SCALE DECIDUOUS TREES



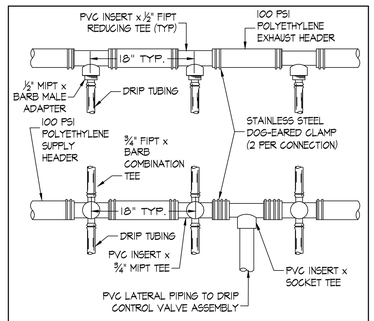
5 TREE WATERING STAKE- SECTION VIEW
NO SCALE



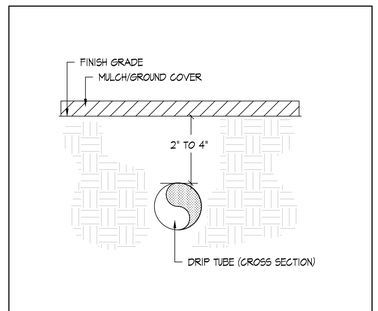
6 MANUAL FLUSHING VALVE
NO SCALE LANDSCAPE



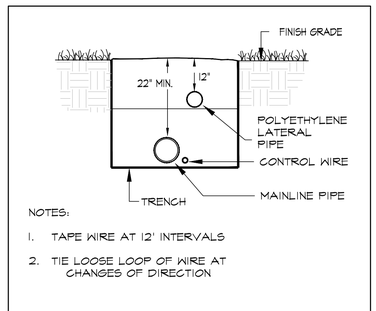
7 TYPICAL DRIP ZONE DETAIL
GROUND COVER - NO SCALE DRIP



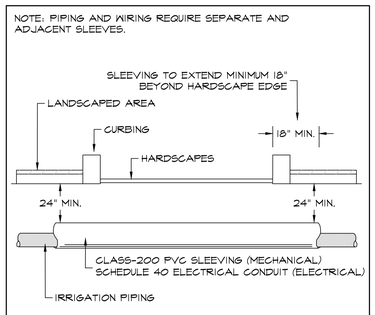
8 DRIP ZONE SUPPLY/EXHAUST HEADER DETAIL
NO SCALE



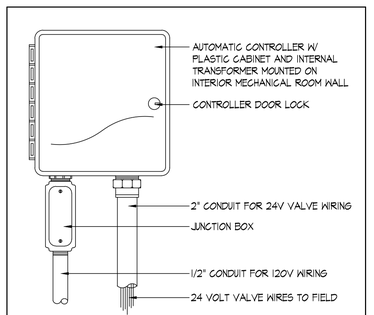
9 IN-LINE DRIP TUBE CROSS SECTION DETAIL
NO SCALE



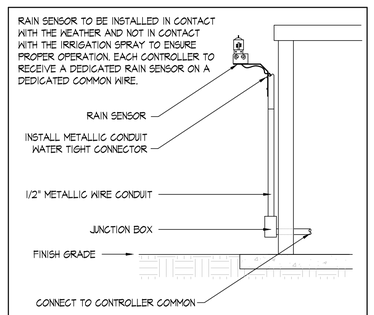
10 TRENCH AND WIRE DETAIL
NO SCALE



11 PIPE AND WIRE SLEEVING DETAIL
NO SCALE



12 AUTOMATIC CONTROLLER DETAIL
NO SCALE



13 RAIN SENSOR MOUNTING DETAIL
NO SCALE

ALL IRRIGATION WORK IS LUMP SUM

Irrigation Consulting, Inc.
Providing innovative design solutions for irrigation worldwide.
20 Merrit Parkway
Nashua, NH 03062
(978) 433.8712 Fax 433.2788
BVINCHES@IRRIGATIONCONSULTING.COM
112 S. Old Statesville Rd., Suite 104
Huntersville, NC 28078
(704) 843.3688 Fax 843.3511

CERTIFIED IRRIGATION DESIGNER
STACY D. GARNER
002813
COMMERCIAL ★ GOLF COURSES

AECOM
AECOM TECHNICAL SERVICES, INC.
66 LONG WHARF
BOSTON, MA 02110
617.723.1700 tel 617.723.6856 fax
www.aecom.com

© 2021 IRRIGATION CONSULTING, INC. EXPRESSLY RESERVES ITS COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE DRAWINGS. THESE DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF IRRIGATION CONSULTING, INC.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	DATE
FED PIN NO: NA	
PIN NO: 017163.02 & 017163.03	

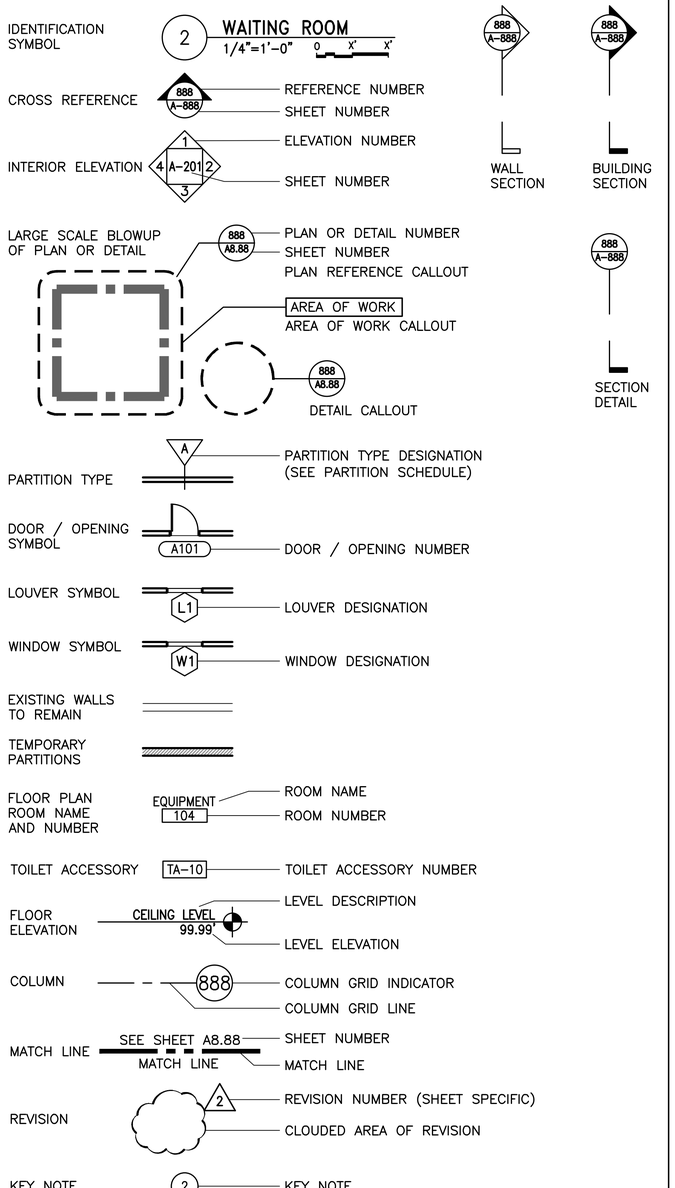
PROJECT INFORMATION		SIGNATURE	DATE
PROGRAM	-	-	-
PROJECT MANAGER	-	-	-
DESIGNER	AECOM	ARCH. LIN. NUMBER	-
CONSULTANT	COPLON ASSOCIATES	-	-
PROJECT RESIDENT	-	-	-
CONTRACTOR	-	-	-
PROJECT COMPLETION DATE	-	-	DATE January 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND VISITOR CENTER

IRRIGATION DETAILS

SHEET NUMBER
I201

SYMBOLS



MATERIALS

- BRICK (UON)
- CONCRETE
- CMU
- GYPSUM BOARD (UON)
- PLYWOOD
- RIGID INSULATION (UON)
- STRUCTURAL STEEL

ARCHITECTURAL ABBREVIATIONS

A/C	AIR CONDITIONING
ACC	ACCESSIBLE
ACCT	ACCOUNTING
ACOUST	ACOUSTICAL
ACS	ACCESS CONTROL SYSTEM
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICAN DISABILITY ACT
AD	AREA DRAIN
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AL; ALUM	ALUMINUM
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL; ARCHITECT
ASST	ASSISTANT
ATTD	ATTACHED
BD	BOARD
BF	BOTTLE FILL
BEL	BELOW
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK(ING)
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BS	BOTH SIDES
BTWN	BETWEEN
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CG	CORNER GAURD
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLNG	CEILING
CLR	CLEAR(ANCE)
CLR OPG	CLEAR OPENING
CMU	CONCRETE MASONRY UNIT
COL(S)	COLUMN(S)
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR, CORRUGATED
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CRTWAL	CURTAINWALL
D	DEEP
DBL	DOUBLE
DEMO	DEMOLISH/DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DIV	SPECIFICATION DIVISION
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DWG	DRAWING
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EV	ELEVATOR
EX	EXISTING
EXEC	EXECUTIVE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION, EXPOSED
EXT	EXTERIOR
FA	FIRE ALARM
FAB	FABRICATE(D)
FACP	FIRE ALARM CONTROL PANEL
FAST	FASTEN(ER)
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISH
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FL; FLR	FLOOR
FLUOR	FLUORESCENT
FND	FEMININE NAPKIN DISPOSAL
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FP	FIRE PROTECTION
FRP	FIBERGLASS REINFORCED PANEL
FRT	FIRE RETARDANT
FT	FEET / FOOT
FTG	FOOTING
FURR	FURRING
GA	GAUGE
GALV	GALVANIZED
GB1	GRAB BAR (42")
GB2	GRAB BAR (36")
GB3	GRAB BAR (24")
GC	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLASS
GR	GRADE
GWB	GYPSUM WALLBOARD
H	HIGH, HEIGHT
HB	HOSE BIBB
HC	HOLLOW CORE
HDCP	HANDICAP PERSON
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING
ID	INSIDE DIAMETER
INCAND	INCANDESCENT
INCL	INCLUDE(D, ING)
INSTL	INSTALLED
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JT	JOINT
L	LENGTH
LAM	LAMINATE(D)
LAV	LAVATORY
LCKR	LOCKER
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LP	LOW POINT
LTG	LIGHTING
MACH	MACHINE
MAINT	MAINTENANCE
MANUF	MANUFACTURER
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM, MEDIAN
MEMB	MEMBRANE
MEZZ	MEZZANINE
MGR	MANAGER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODULAR
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MWK	MILLWORK
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
O.C.	ON CENTER
OCC	OCCUPANT
OD	OUTSIDE DIAMETER
OFF	OFFICE
OPNG	OPENING
OPHD	OPPOSITE HAND
OPP H	
OPP HAND	
OPP	OPPOSITE
OPS	OPERATIONS
ORD	OVERFLOW ROOF DRAIN
P	PAINT
PERF	PERFORATED
PERIM	PERIMETER
PRF	PREFORMED
PFN	PREFINISHED
PL	PLATE
PLAS LAM	PLASTIC LAMINATE
PLAS	PLASTER
PLUMB	PLUMBING
PLYWD	PLYWOOD
PM	PRESSED METAL
POL	POLISHED
PR	PAIR
PT	POINT
P-T; PT	PRESSURE-TREATED
PTD	PAINTED
PTDD	PAPER TOWEL DISPENCER & DISPOSAL
PTN	PARTITION
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS, RISER
RB	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	RESIDENT ENGINEER
REF	REFERENCE
REG	REGISTER
REINF	REINFORCED
RENOV	RENOVATE(D)
REQ	REQUIRED
RESIL	RESILIENT
RET	RETURN
REV	REVISION
RH	RIGHT HAND
RHR	RIGHT HAND REVERSE
RWL	RAIN WATER LEADER
RM	ROOM
RO	ROUGH OPENING
RU	ROLLUP
S	SINGLE
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SD	SECTIONAL DOOR
SDPR	SOAP DISPENSER
SECT	SECTION
SEP	SEPARATE
SHT	SHEET
SHTH	SHEATHING
SHWR	SHOWER
SIM	SIMILAR
SIP	STRUCTURAL INSULATED PANEL(S)
SK	SINK
SPEC	SPECIFICATIONS
SPLR	SPRINKLER
SPM	SPRINKLER MAIN
SQ	SQUARE
SS; SST	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
T	TREAD
T&G	TONGUE AND GROOVE
TCO	TEMP CERTIFICATE OF OCCUPANCY
TEMP	TEMPORARY, TEMPERED
TEL	TELEPHONE
TER	TERRAZZO
THK	THICK(NESS)
THRU	THROUGH
TLT	TOILET
TO	TOP OF
TOC	TOP OF CURB, TOP OF CONCRETE
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPT	TOILET PARTITION
TTD	TOILET TISSUE DISPENSER
TYP	TYPICAL
UNF	UNFINISHED
UON	UNLESS OTHERWISE NOTED
UR	URINAL
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIN	VINYL
VWC	VINYL WALLCOVERING
W	WIDE, WIDTH
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEANOUT
WD	WOOD
WIN	WINDOW
WO	WINDOW OPENING
W/O	WITHOUT
WP	WORKING POINT
WPR	WATERPROOF(ING)
WS	WEATHERSTRIP(ING)
WT	WEIGHT

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

SIGNATURE	
ARCH. LIC. NUMBER	ARC5292
DATE	JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

SYMBOLS AND ABBREVIATIONS

SHEET NUMBER
A001

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A001.dwg Jan 17, 2022 - 2:58pm

FIRE/LIFE SAFETY GENERAL NOTES:

1. ALL MEANS OF EGRESS SHALL BE IN ACCORDANCE WITH CURRENT REQUIREMENTS OF ALL GOVERNING REGULATIONS AND CODES.
2. ALL MEANS OF EGRESS SHALL BE ILLUMINATED IN ACCORDANCE WITH CURRENT REQUIREMENTS OF ALL GOVERNING REGULATIONS AND CODES.
3. THE PATH OF EXIT TRAVEL TO AND WITHIN EXITS IN THE BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL AND SHALL CONFORM TO CURRENT REQUIREMENTS OF ALL GOVERNING REGULATIONS AND CODES.
4. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AND SHALL HAVE AN INTENSITY OF NOT LESS THEN 5 FOOTCANDLES.
5. ALL EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1 1/2 HOURS IN CASE OF PRIMARY POWER LOSS, THE EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON–SITE GENERATOR SET, AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF ALL GOVERNING REGULATIONS AND CODES.
6. PROVIDE TEMPORARY EXIT SIGNS TO ASSURE MEANS OF EGRESS DURING CONSTRUCTION.
7. ALL INTERIOR FINISHES SHALL COMPLY WITH THE APPLICABLE CODE REQUIREMENTS AND LOCAL FIRE AUTHORITY REQUIREMENTS.
8. DECORATIVE MATERIALS SHALL BE NON–COMBUSTIBLE AND BE MAINTAINED IN A FLAME–RETARDANT CONDITION.
9. FLAME SPREAD CLASSIFICATION FOR INTERIOR FINISHES IS AS FOLLOWS:
   CLASS A: FLAME SPREAD 0–25; SMOKE–DEVELOPED 0–450.
   CLASS B: FLAME SPREAD 26–75; SMOKE–DEVELOPED 0–450.
   CLASS C: FLAME SPREAD 76–200; SMOKE–DEVELOPED 0–450.
10. PROVIDE A MINIMUM OF ONE 2–A10BC CLASSIFICATION FIRE EXTINGUISHER WITHIN 75 FEET TRAVEL DISTANCE FOR EACH 6,000 SQ. FEET OR PORTION THEREOF ON EACH FLOOR: ALSO DURING CONSTRUCTION (COMPLY WITH THE 2006 INTERNATIONAL FIRE CODE SECTION 906).
11. PROVIDE PORTABLE FIRE EXTINGUISHER IN ACCORDANCE WITH THE 2006 INTERNATIONAL FIRE CODE, SECTION 906, LOCATED NOT LESS THAN 10 FEET, NOR MORE THAN 30 FEET FROM ANY FLAMMABLE LIQUID STORAGE AREA OUTSIDE OF A HAZARDOUS MATERIAL ROOM, OR ADJACENT TO.
12. PLANS FOR ALL FIXED FIRE PROTECTION EQUIPMENT SUCH AS STANDPIPES SPRINKLER SYSTEMS AND FIRE ALARM SYSTEMS MUST BE SUBMITTED AND APPROVED BY LOCAL FIRE AUTHORITY PRIOR TO INSTALLATION.
13. THE INSTALLATION OF AUTOMATIC FIRE SPRINKLER SYSTEMS SHALL COMPLY WITH APPLICABLE CURRENT BUILDING CODE AND LOCAL FIRE AUTHORITY REQUIREMENTS.
14. AISLE LEADING TO REQUIRED EXITS SHALL HAVE A MINIMUM WIDTH OF 44". MAINTAIN A CONTINUOUS WALKWAY WITH A MINIMUM WIDTH OF 44" TO A PUBLIC WAY.
15. PROVIDE OCCUPANT LOAD SIGNS AS REQUIRED BY APPLICABLE CODE AND LOCAL FIRE AUTHORITY.
16. HORIZONTAL OCCUPANCY SEPARATIONS IF REQUIRED MUST BE SUPPORTED WITH A STRUCTURAL SYSTEM HAVING EQUIVALENT FIRE RESISTIVE PROTECTION.
17. VERTICAL OCCUPANCY SEPARATIONS IF REQUIRED MUST EXTEND THROUGH UNDER–FLOOR AND ATTIC AREAS, INCLUDING AREAS WHERE FIRE–RESISTIVE CEILINGS ARE SPECIFIED.
18. IF FIRE–RESISTIVE WALL IS REQUIRED, FILL IRREGULAR SPACES BETWEEN THE WALL AND DECK ABOVE WITH FIRE SAFING MATERIALS AND SEAL TIGHTLY PER APPLICABLE CODE REQUIREMENTS AND STANDARDS.
19. IF FIRE–RESISTIVE WALL OR FLOOR IS REQUIRED, ALL FLOOR AND WALL PENETRATIONS REQUIRED FOR PIPES, CONDUITS, ETC. SHALL BE SEALED TO PREVENT THE PASSAGE OF FIRE AND/OR SMOKE PER APPLICABLE CODE REQUIREMENTS AND STANDARDS.
20. FIRE /SMOKE DAMPERS SHALL BE PROVIDED WHERE DUCTS PENETRATE FIRE– RATED WALLS OR CEILINGS.

ARCHITECTURAL GENERAL NOTES:

1. ALL WORK SHALL BE IN FULL ACCORDANCE WITH ALL STATE AND LOCAL BUILDING CODES.
2. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL; PERFORMANCE BY THE CONTRACTOR SHALL BE REQUIRED TO THE EXTENT CONSISTENT WITH THE CONTRACT DOCUMENTS AND REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INDICATED RESULTS.
3. ORGANIZATION OF THE SPECIFICATIONS INTO DIVISIONS, SECTIONS AND ARTICLES, AND ARRANGEMENT OF DRAWINGS SHALL NOT LIMIT THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF THE WORK TO BE PERFORMED BY ANY TRADE.
4. THE DRAWINGS AND PROJECT MANUAL ESTABLISH DETAILED MINIMUM REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. PARTIAL SETS OF CONTRACT DOCUMENTS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED.
5. ALL WORK INCLUDING MATERIALS, METHODS, ASSEMBLIES, ETC. SHALL COMPLY WITH CURRENT REQUIREMENTS OF ALL GOVERNING REGULATIONS AND CODES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FEES OF ALL PERMITS PRIOR TO STARTING CONSTRUCTION.
7. BEFORE STARTING EACH PORTION OF THE WORK, CONTRACTOR SHALL CAREFULLY STUDY THE VARIOUS DRAWINGS AND OTHER CONTRACT DOCUMENTS RELATIVE TO THAT PORTION OF THE WORK. REFER TO DRAWINGS OF ALL DISCIPLINES THAT ARE INCLUDED IN CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION. WHERE DISCREPANCIES EXIST IN CONTRACT DOCUMENTS, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
8. VERIFY ALL DIMENSIONS AND CONDITIONS AT THE PROJECT AND ON THE JOB SITE. BRING ANY DISCREPANCIES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
9. VERIFY AND COORDINATE WITH APPLICABLE UTILITY PROVIDERS. BRING ANY DISCREPANCIES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
10. VERIFY ALL MECHANICAL, PLUMBING AND ELECTRICAL INFORMATION AND REQUIREMENTS PRIOR TO COMMENCEMENT OF WORK. WHERE DISCREPANCIES AND CONFLICTS EXIST, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
11. REVIEW THE CONTRACT DOCUMENTS AND COORDINATE WITH ALL SUB–CONTRACTORS, TRADES AND SUPPLIERS. IDENTIFY AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO COMMENCEMENT OF WORK.
12. REPETITIVE FEATURES ARE NOT DRAWN IN THEIR ENTIRETY AND SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL. TYPICAL DETAILS APPLY AT ALL SIMILAR CONDITIONS WHETHER CROSS REFERENCED OR NOT.
13. DO NOT SCALE DRAWINGS.
14. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TO COLUMN GRID LINES OR CENTERLINES, FACE OF CONCRETE OR CMU WALLS, FACE OF GYPSUM BOARD, OR FACE OF FINAL LAYER OF SUBSTRATE OF INTERIOR PARTITION ASSEMBLY (EXCLUSIVE OF APPLIED FINISHES).
15. DOOR LOCATIONS NOT DIMENSIONED ARE:
   A. 4" FROM JAMB FACE TO FACE OF WALL (SEE NOTE ABOVE).
   B. CENTER LINE OF DOOR ALIGNS WITH CENTER OF ROOM OR CORRIDOR.
16. FINISH FLOOR ELEVATIONS REFER TO TOP OF CONCRETE SLAB, UNLESS NOTED OTHERWISE. WHERE CONCRETE SLAB IS DEPRESSED TO ACCOMMODATE SETTING BEDS, RAISED ACCESS FLOOR, AND OTHER SIMILAR FLOOR ASSEMBLIES, FINISH FLOOR ELEVATIONS ARE TO TOP OF FINISH FLOOR ASSEMBLY INDICATED.
17. HEIGHT DIMENSIONS AS REFERENCED ON REFLECTED CEILING PLANS ARE MEASURED FROM FINISH FLOOR OF INDIVIDUAL ROOMS UNLESS NOTED OTHERWISE.
18. ALL WORK NOTED "N.I.C." IS NOT IN CONTRACT. CONTRACTOR SHALL COORDINATE WITH "OTHER" CONTRACTORS PER REQUIREMENT ESTABLISHED BY OWNER.
19. ALL MATERIALS FURNISHED AT THE JOB SITE SHALL BE NEW AND FREE FROM DEFECTS, AND SHALL BE STORED IN THE SITE IN SUCH A MANNER AS TO PROTECT THEM FROM DAMAGE. ALL WORK SHALL BE OF BEST PRACTICE OF EACH TRADE.
20. VERIFY AND COORDINATE SIZES, LOCATION AND MOUNTING OF ALL EQUIPMENT AND FIXTURES. PROVIDE REQUIRED BLOCKING, BACKING, SLEEVES, ETC.
21. MAINTAIN THE PREMISES CLEAN AND FREE OF TRASH AND DEBRIS. PROTECT PROJECT, THE SITE, AND PERSONAL PROPERTY FROM DAMAGES.
22. PROTECT WORK AREAS AND EXISTING AREAS, INCLUDING EXISTING UTILITIES, FROM DAMAGES. REPAIR, REPLACE, OR PATCH ANY DAMAGE DUE TO CONSTRUCTION. REPAIRED CONSTRUCTION IS SUBJECT TO REVIEW AND ACCEPTANCE BY ARCHITECT.
23. IF THERE ARE DISCREPANCIES, THE SPECIFICATIONS SHALL GOVERN DRAWINGS; LARGE–SCALE DRAWINGS SHALL GOVERN SMALL–SCALE DRAWINGS.
24. PROVIDE REQUIRED TEMPORARY UTILITIES, BRACING, SUPPORTS, SHORING, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN ADEQUACY AND SAFETY OF ERECTION.

ARCHITECTURAL GENERAL NOTES CONT.:

25. CONTRACTOR SHALL MAINTAIN CURRENT UPDATED RECORD DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIME.
26. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION.
27. METAL FABRICATIONS AND SUPPORT ASSEMBLIES WHETHER SHOWN OR NOT SHOWN SHALL BE PROVIDED FOR THE STRUCTURAL SUPPORT OF MISCELLANEOUS ELEMENTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ENGINEERED STRUCTURAL ASSEMBLIES AND CALCULATIONS SHOWING COMPLIANCE WITH CODE REQUIREMENTS AND ACCOUNTING FOR STATIC AND DYNAMIC LOADS INCLUDING ANY WIND OR SEISMIC LOADS, THERMAL MOVEMENT OF SUPPORTING STRUCTURE AND DIMENSIONAL TOLERANCES OF THE BUILDING.
28. PROVIDE FIRE TREATED BLOCKING FOR MOUNTING ALL TOILET ACCESSORIES, TOILET PARTITIONS, RAILINGS, GUARDRAILS, MILLWORK, SIGNAGE AND OWNER PROVIDED ITEMS.

SUSTAINABILITY NOTES:

1. NO SMOKING IS PERMITTED WITHIN THE PERIMETER OF THE PROJECT SITE, WITHIN THE EXISTING BUILDING OR WITHIN 25 FEET OF AN EXISTING BUILDING ENTRANCE.
2. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITIES ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED OF IN TRASH OR RECYCLE BINS.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

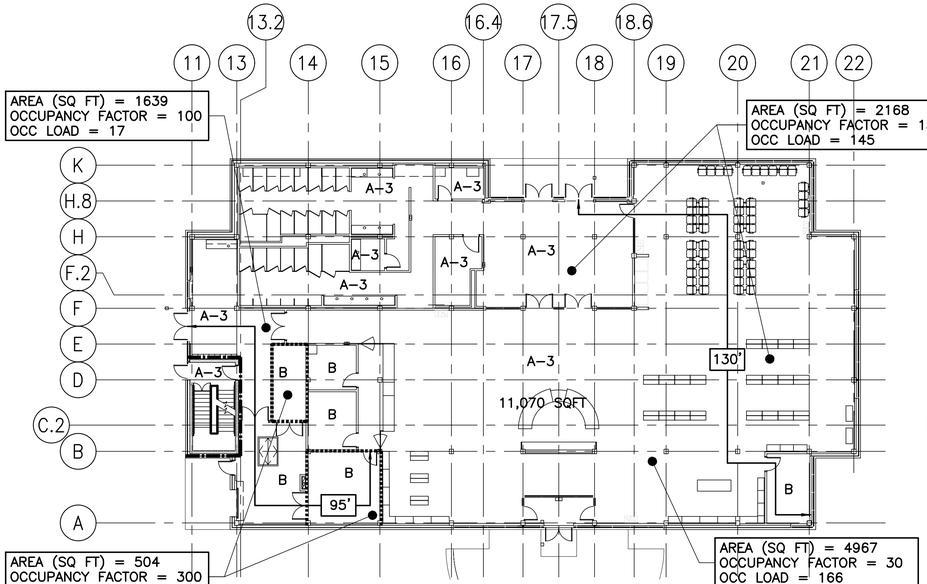
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

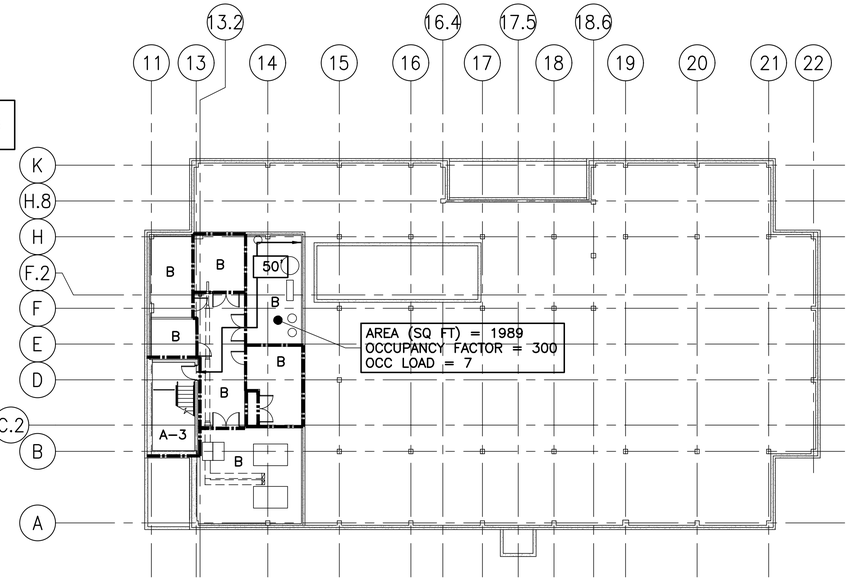
ARCHITECTURAL NOTES

SHEET NUMBER
A002

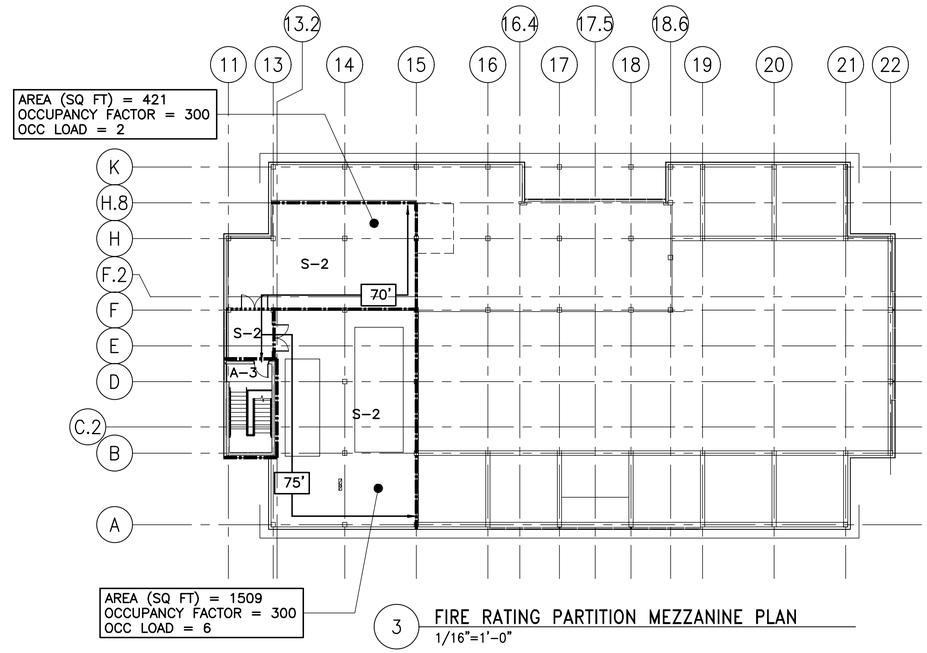
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A002.dwg Jan 17, 2022 - 2:59pm



2 FIRE RATING PARTITION FIRST FLOOR PLAN
1/16"=1'-0"



1 FIRE RATING PARTITION BASEMENT PLAN
1/16"=1'-0"



3 FIRE RATING PARTITION MEZZANINE PLAN
1/16"=1'-0"

INTERIOR FINISHES AND TRAVEL DISTANCE REQUIREMENTS

OCCUPANCY CLASSIFICATION	EXIT ENCLOSURES & EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS & OTHER EXIT WAYS	ROOMS & ENCLOSED SPACES	TRAVEL DISTANCE TO EXIT	COMMON PATH OF TRAVEL DISTANCE	DEAD END TRAVEL DISTANCE
A-3 (ASSEMBLY)	CLASS A	CLASS A OR B	CLASS A, B OR C	250 FEET	75 FEET FOR < 50 OCCUPANTS 20 FEET FOR ≥ 50 OCCUPANTS	20 FEET
B (BUSINESS)	CLASS A OR B	CLASS A OR B	CLASS A, B OR C	300 FEET	100 FEET	50 FEET
S-2 (STORAGE)	CLASS C	CLASS C	CLASS C	400 FEET	100 FEET	50 FEET

KEY PLAN

SMOKE PARTITION	.....
1 HOUR FIRE BARRIER	-.-.-.-
2 HOUR FIRE BARRIER	-.-.-.-

CODE SUMMARY

BUILDING NAME	ACADIA GATEWAY CENTER
BUILDING LOCATION	TRENTON, ME
USE GROUP(S)	A-3 (IBC) ASSEMBLY (NFPA 101) B (IBC) BUSINESS (NFPA 101)
CONSTRUCTION TYPE	TYPE VB [V(000)]
ALLOWABLE HEIGHT	1 STORY AND 60 FEET
ACTUAL HEIGHT	1 STORY AND 30 FEET
ALLOWABLE FOOTPRINT AREA	22,500 SQUARE FEET
ACTUAL FOOTPRINT AREA	11,100 SQUARE FEET

EGRESS CAPACITY FACTORS	
STAIRS	0.3 INCHES / OCCUPANT
OTHER COMPONENTS	0.2 INCHES / OCCUPANT

SPRINKLER SYSTEM	YES, IN ACCORDANCE W/ NFPA 13 (2015 edition)
FIRE ALARM SYSTEM	YES, IN ACCORDANCE W/ NFPA 72 (2016 edition)
STANDPIPE SYSTEM	NOT REQUIRED
FIRE EXTINGUISHERS	YES, IN ACCORDANCE W/ NFPA 10 (2017 edition)

APPLICABLE CODES

BUILDING
MAINE UNIFORM BUILDING CODE (MUBC), REFERENCED BY THE MAINE UNIFORM BUILDING AND ENERGY CODE (MUBEC) CHAPTER 3, WHICH IS AN AMENDED VERSION OF THE 2015 INTERNATIONAL BUILDING CODE (IBC).

FIRE PREVENTION
2018 EDITION OF NFPA 1, FIRE CODE AS ADOPTED BY THE RULES OF THE STATE FIRE MARSHAL CHAPTER 3

ACCESSIBILITY
2009 ICC A117.1, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

ELECTRICAL
2020 NFPA 70, NATIONAL ELECTRIC CODE

PLUMBING
MAINE STATE PLUMBING CODE WHICH ADOPTS AND AMENDS THE 2021 UNIFORM PLUMBING CODE (UPC)

ENERGY
MAINE UNIFORM ENERGY CODE (MUEC), REFERENCED BY THE MUBEC CHAPTER 6, WHICH AN AMENDED VERSION OF THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

OTHER
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS:

NFPA 13, 2016 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

NFPA 72, 2019 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE

NFPA 101, 2018 EDITION, LIFE SAFETY CODE

PROJECT NORTH
true north
W E
S

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE		
FED PIN NO: NA		
WIN NO: 017163.02 & 017163.03		

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wenger
SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

INFORMATION	
PROJECT	-
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

CODE SHEET AND
FIRE RATING PARTITION PLANS

SHEET NUMBER
A003

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A003.dwg Aug 23, 2022 - 9:38am

PHASE III - WELCOME CENTER - OCCUPANT LOAD

FLOOR	ROOM	AREA (SQ FT)	LOAD FACTOR (SQ FT / OCCUPANT)	OL	TOTAL OL
B	Storage / Mechanical	1,989	300	6.6	7
				Total for Floor	**7**
1	Assembly	2,168	15	144.5	145
	Mercantile	4,967	30	165.5	166
	Office / Circulation	1,639	100	16.4	17
	Storage / MEP	504	300	1.68	2
				Total for Floor	**330**
2	Storage / MEP	2,800	300	5.03	6
				Total for Floor	**6**
				Total for Phase	**343**

PHASE III - WELCOME CENTER - EXIT CAPACITY

FLOOR	EXIT	COMPONENT	WIDTH	FACTOR	CAPACITY	EXIT CAPACITY
B	Stair 1	Stair	44	0.3	146	146
		Door	34	0.2	170	
						Total Provided = 146 Total Required = 7
1	North Doors – Main Exit	Door	136	0.2	680	680
	West Doors	Door	68	0.2	340	340
						Total Provided = 1020 Total Required = 327
2	Stair 1	Stair	44	0.3	146	146
		Door	34	0.2	170	
						Total Provided = 292 Total Required = 89

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wenger

SIGNATURE

ARCH. LIN. NUMBER
ARC5292

DATE JANUARY 17, 2022

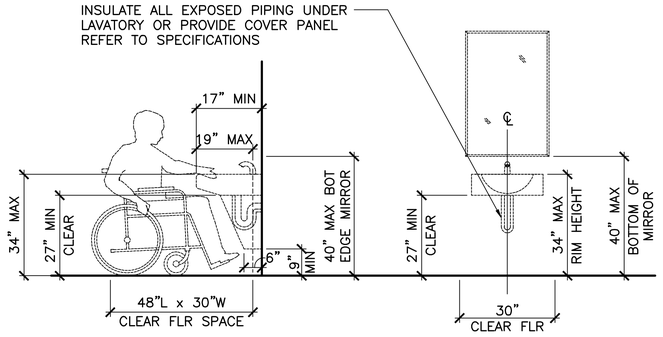
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

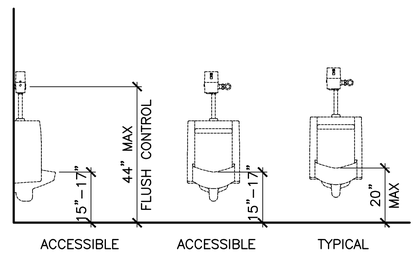
CODE SHEET AND
FIRE RATING PARTITION PLANS

SHEET NUMBER
A004

\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A004.dwg Jan 17, 2022 - 3:00pm

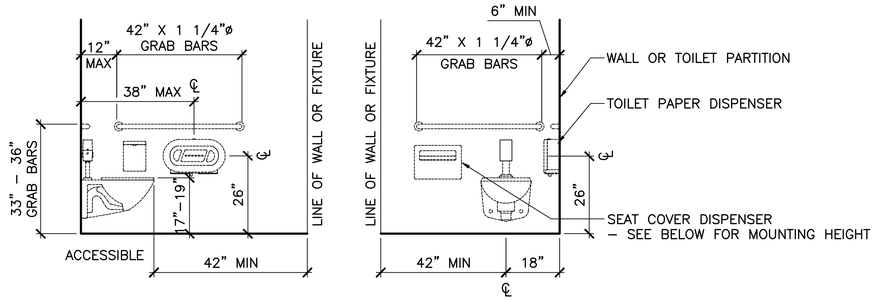


1. PROVIDE WOOD BLOCKING IN WALLS TO RECEIVE ALL ACCESSORIES, MILLWORK, FASTENERS AND TOILET PARTITIONS
2. VERIFY ALL MOUNTING HEIGHTS AND CLEARANCES WITH APPLICABLE BUILDING CODES
3. EXPOSED WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED TO PROTECT AGAINST CONTACT

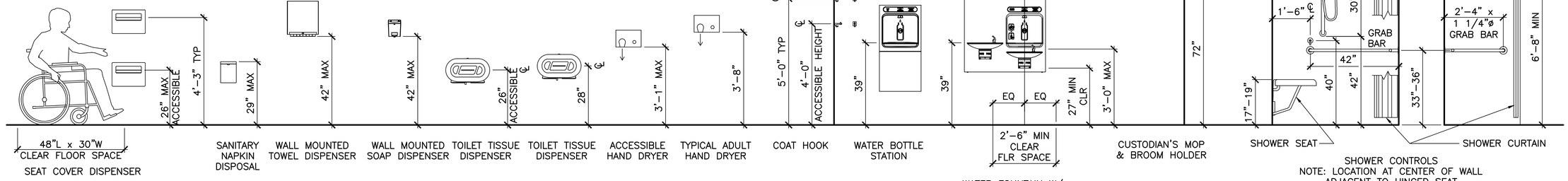


1. MAXIMUM HEIGHT SHALL BE REDUCED TO 3'–8" WHERE AN OBSTRUCTION (SHELF, TABLE) OCCURS IN FRONT OF CONTROL OR OPERATING PARTS

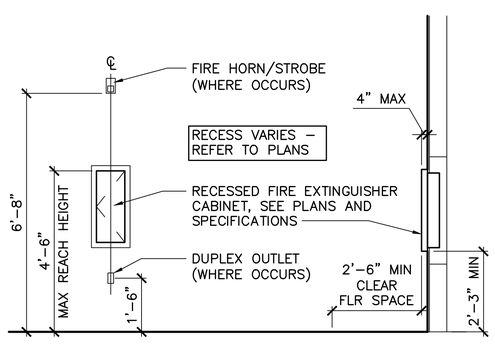
   MIN MOUNTING HEIGHT: 15" AFF (ACCESSIBLE)

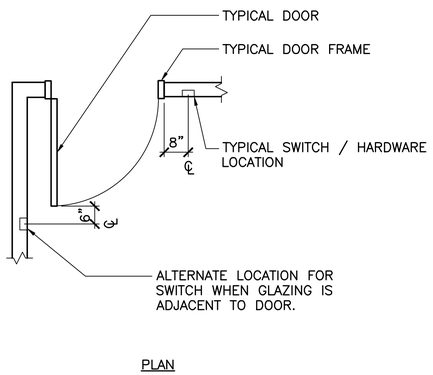


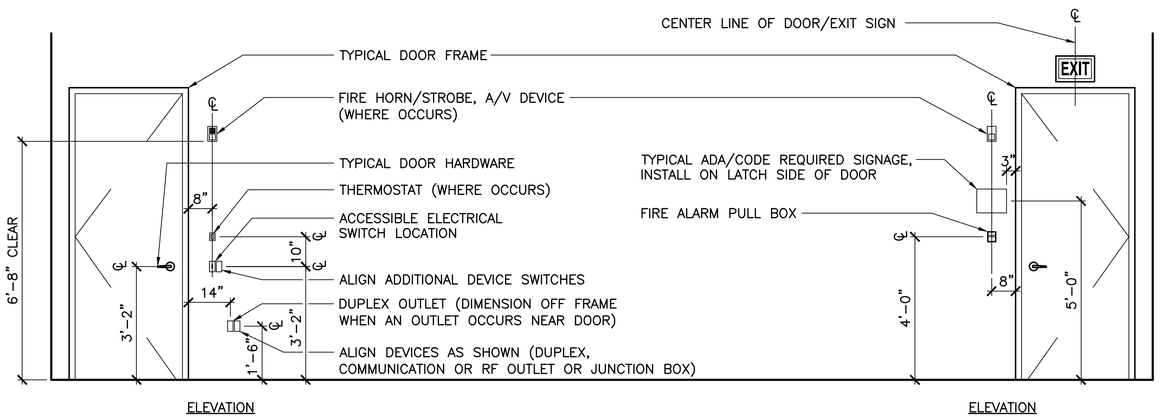
1. FLUSH LEVER SHALL BE LOCATED AT WIDE SIDE OF WC, NO HIGHER THAN 44" AFF
   GRAB BARS SHALL BE 1 1/2" DIA (1 1/4" MIN)
   PROVIDE 1 1/2" MIN CLEARANCE BEHIND AND BELOW GRAB BARS
2. PROVIDE ADEQUATE BLOCKING INSIDE WALLS FOR GRAB BAR INSTALLATION



1. MAXIMUM MOUNTING HEIGHTS (48") FOR OPERATING PARTS OF ACCESSIBLE CONTROLS, INCLUDING: ELECTRICAL SWITCHES AND CONTROLS.







MOUNTING HEIGHT NOTES:

1. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT EXIT SIGNS.
2. DEVICES SHALL BE INSTALLED ON A COMMON VERTICAL CENTERLINE WHEREVER POSSIBLE.
3. ALL DEVICES SHALL BE INSTALLED AT MOUNTING HEIGHTS AS INDICATED ON THESE DETAILS UNLESS OTHERWISE NOTED.
4. MOUNTING HEIGHT FOR TELEPHONE, DATA AND ELECTRICAL OUTLETS SHALL BE 1'–6" AFF UNLESS OTHERWISE NOTED.
5. DIMENSION FROM FRAME INCLUDES DOORS WITH SIDELIGHTS.
6. REFER TO TYPICAL CODE FOR REQUIRED SIGNAGE.
7. ELECTRICAL/TELEPHONE OUTLET COMBINATIONS TO BE MOUNTED OTHER SIDE OF THE SAME STUD. OUTLETS TO BE STAGGERED FROM ONE SIDE TO THE OTHER OF WALLS TO INHIBIT TRANSFER OF SOUND.
8. REFER TO POWER/COMMUNICATIONS AND ENGINEERS ELECTRICAL PLANS FOR DEVICE LOCATIONS.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

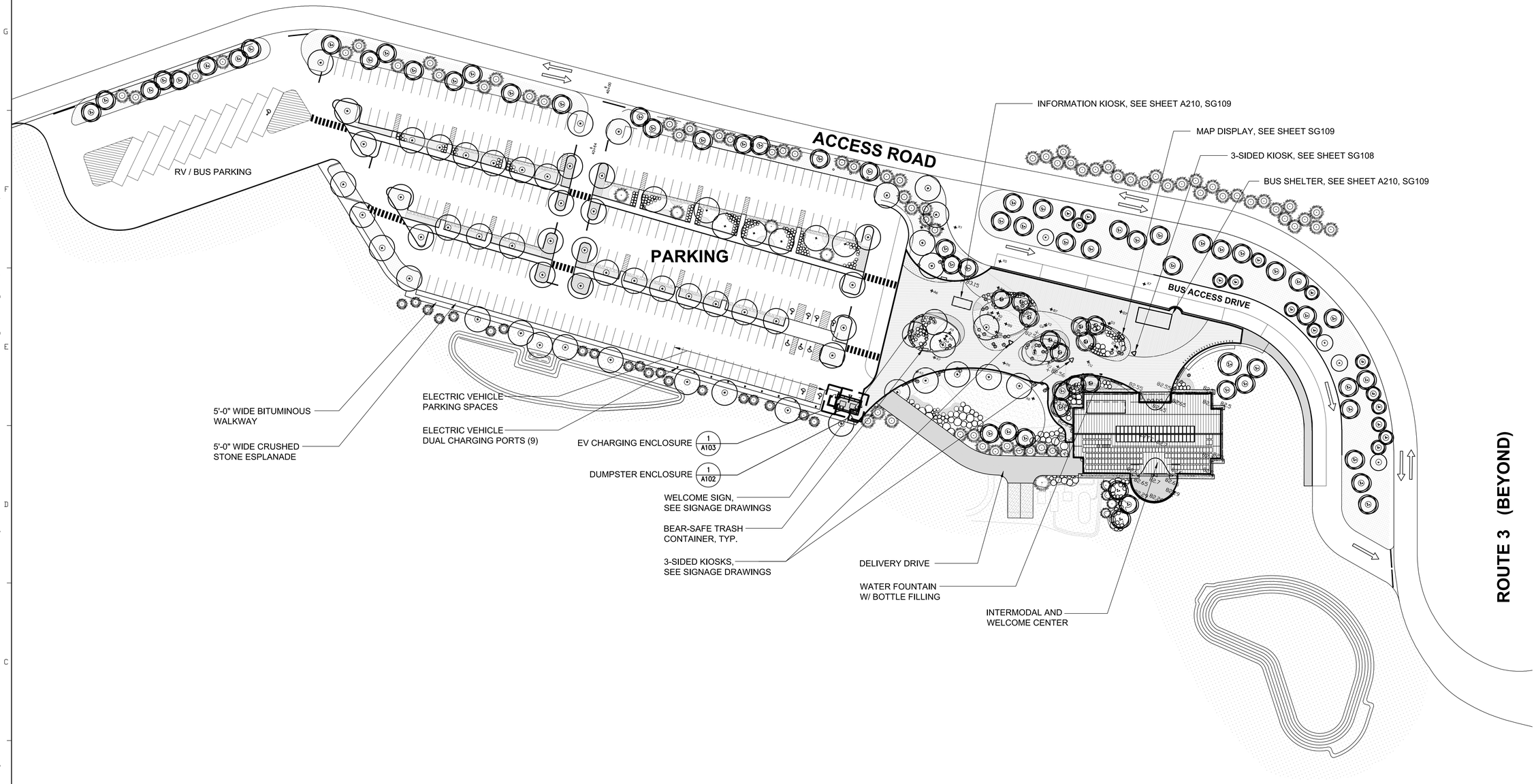
INFORMATION			
PROJECT		SIGNATURE	
PROGRAM	–	–	–
PROJECT MANAGER	–	–	–
DESIGNER	AECOM	ARCH. LIN. NUMBER	ARC5292
CONSULTANT	–	–	–
PROJECT RESIDENT	–	–	–
CONTRACTOR	–	–	–
PROJECT COMPLETION DATE	–	DATE	JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

TYPICAL MOUNTING HEIGHTS

SHEET NUMBER
A005

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A005.dwg Jan 17, 2022 - 3:00pm



1 SITE PLAN
1"=50'-0"
0 10' 50' 100'

PROJECT NORTH
true north
W E
S

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	DATE

FED P.I.N. NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

INFORMATION	
PROJECT PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

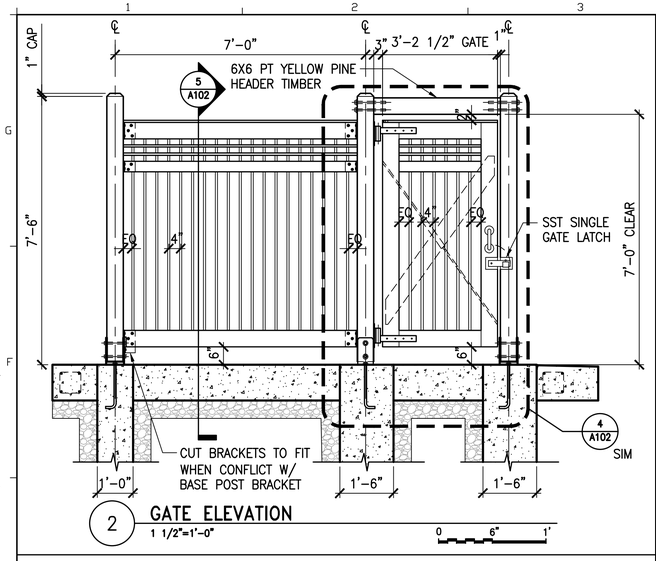
SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

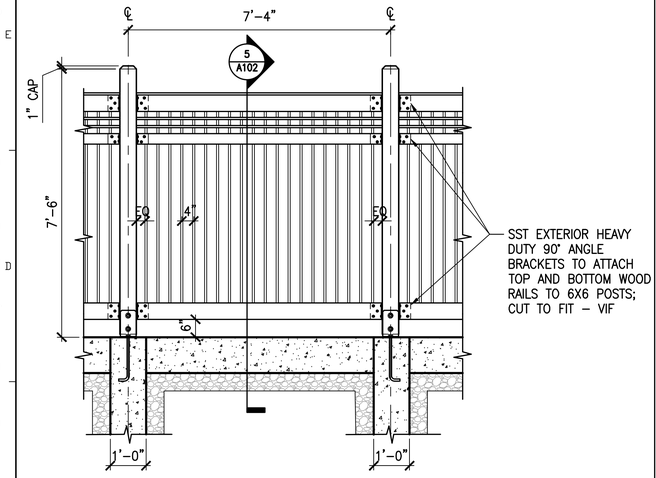
SITE PLAN

SHEET NUMBER
A101

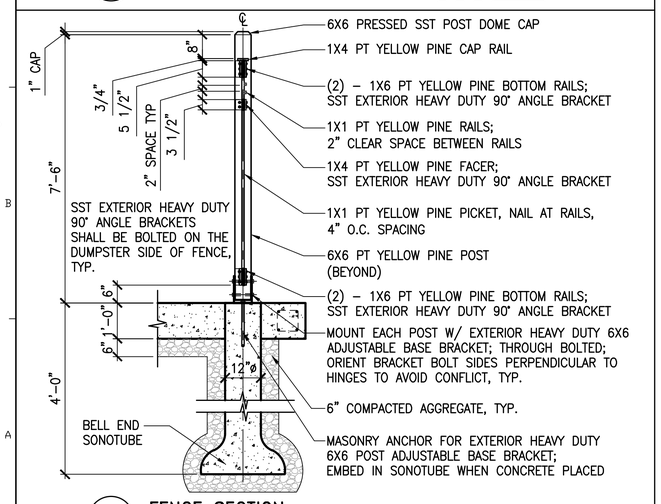
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A101.dwg Aug 03, 2022 - 3:57pm



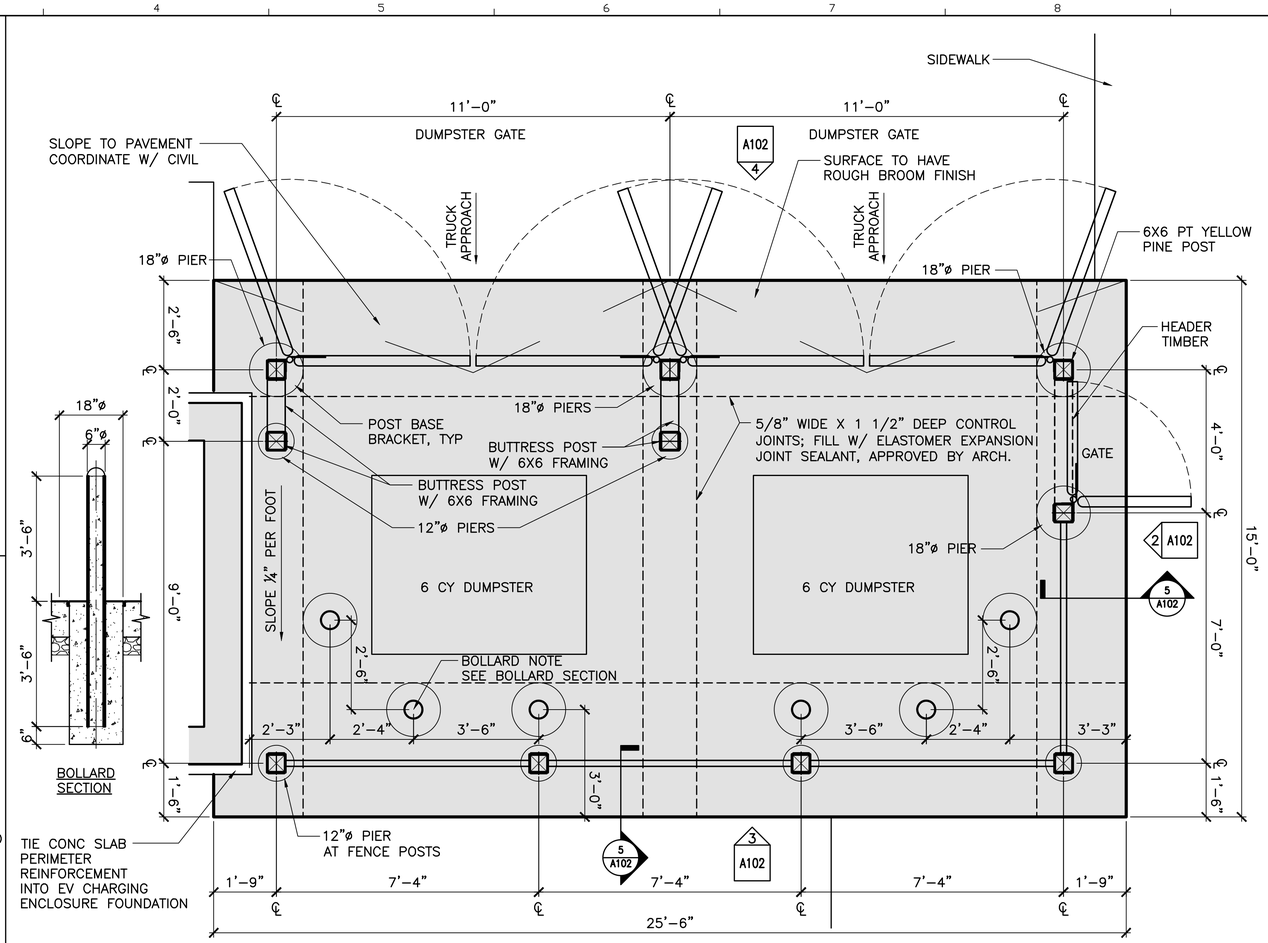
2 GATE ELEVATION
1 1/2"=1'-0"



3 FENCE ELEVATION
1 1/2"=1'-0"

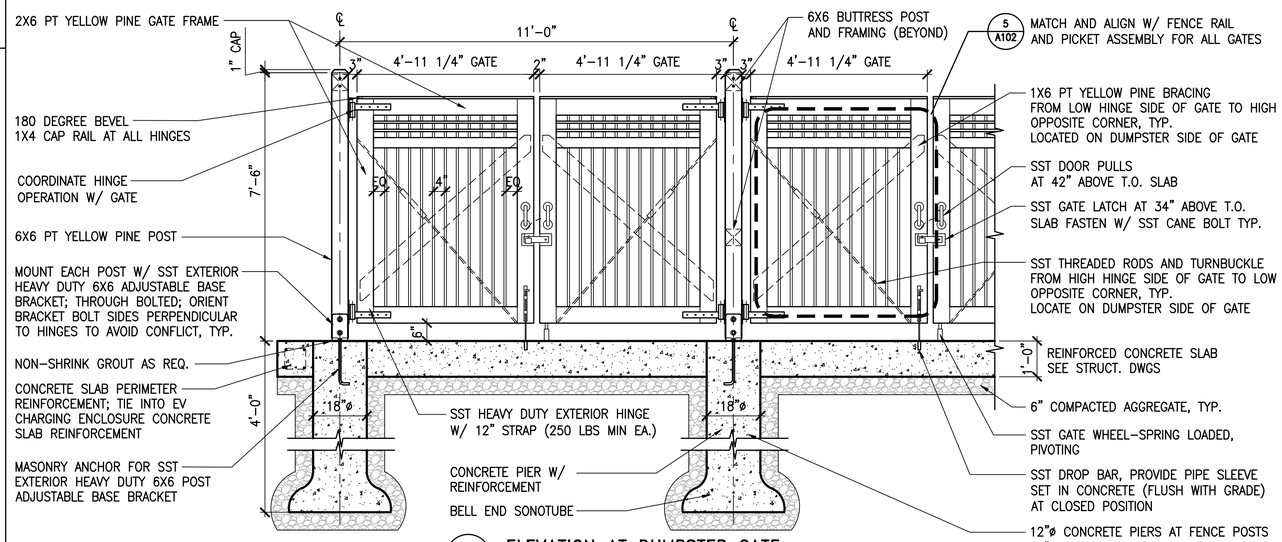


5 FENCE SECTION
1 1/2"=1'-0"



BOLLARD NOTE:
6"ø STEEL BOLLARDS FILLED W/ CONC. AND ENBEDDED 42" IN 18"ø CONC. SONOTUBE; BOLLARDS EXTEND 42" ABOVE T.O.SLAB AND PAINTED "YELLOW"; ATTACH BOLLARD CAP

1 DUMPSTER ENCLOSURE ENLARGED PLAN
1/2" = 1'-0"



4 ELEVATION AT DUMPSTER GATE
1 1/2"=1'-0"

NOTES

1. 2x6 DOOR FRAME W/FULL HALF–LAP JOINT AT EACH CORNER. EACH CORNER GLUED WITH WATERPROOF CONSTRUCTION ADHESIVE AND THROUGH BOLTED WITH (4) 1/4" GALV CAP SCREWS
2. ALL POSTS, FRAMES AND PICKETS EXCEPT DOORS P.T. SOUTHERN YELLOW PINE. DOOR FRAMES AND PICKETS CLEAR WESTERN RED CEDAR
3. ALL POSTS TO ALIGN

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

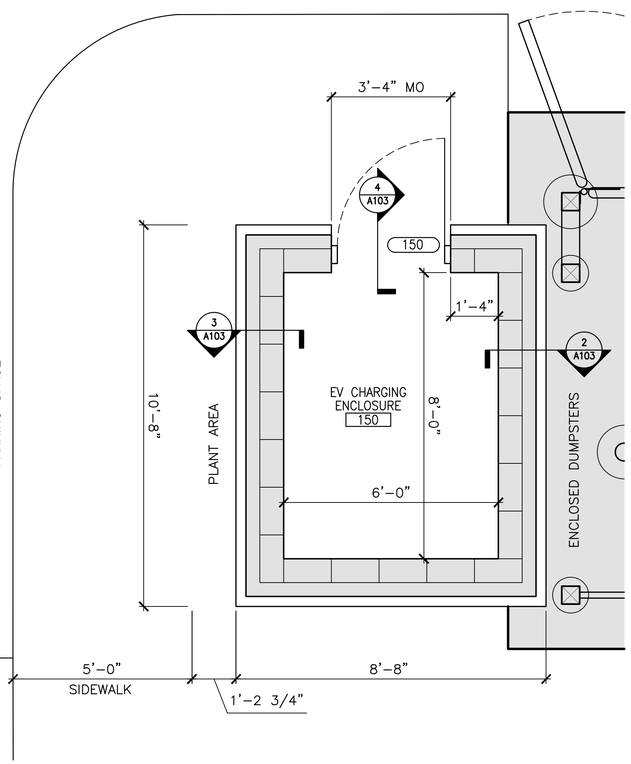
PROJECT INFORMATION		
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	AECOM	
CONSULTANT	–	–
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE	–	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

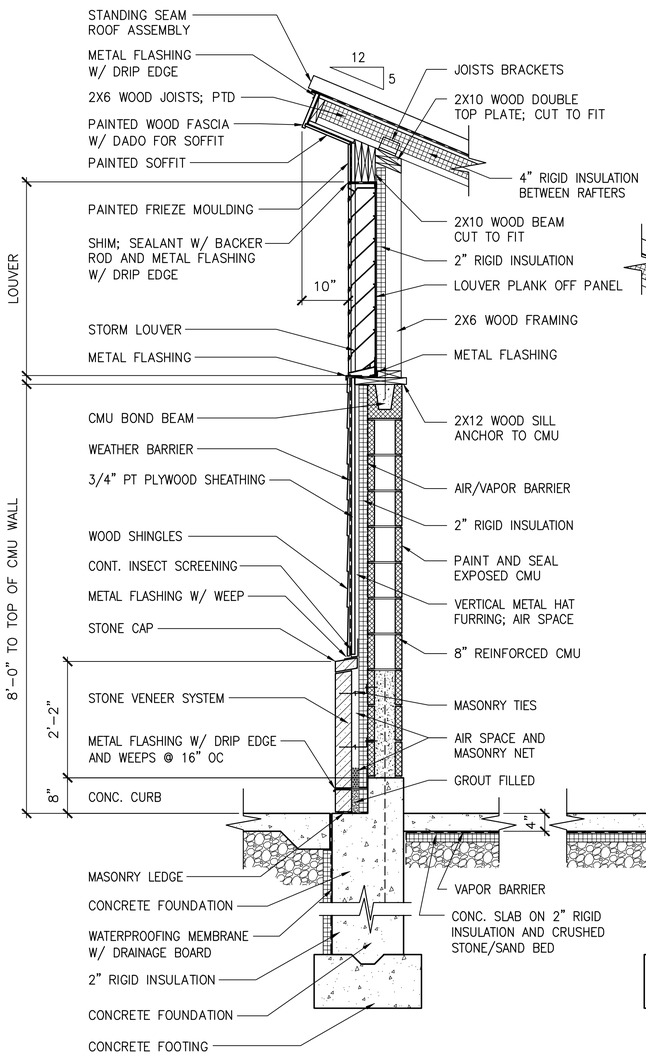
SITE ELEMENTS DETAILS

SHEET NUMBER
A102

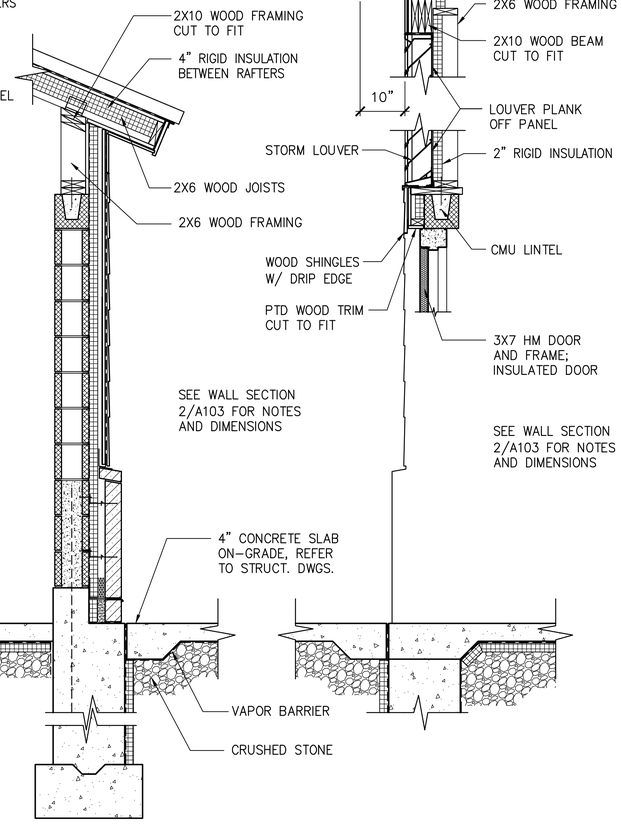
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A102.dwg Jan 17, 2022 - 3:02pm



1 EV CHARGING ENCLOSURE ENLARGED PLAN
1/2" = 1'-0"



2 WALL SECTION
3/4"=1'-0"



3 WALL SECTION
3/4"=1'-0"

4 WALL SECTION
3/4"=1'-0"

NOTES

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

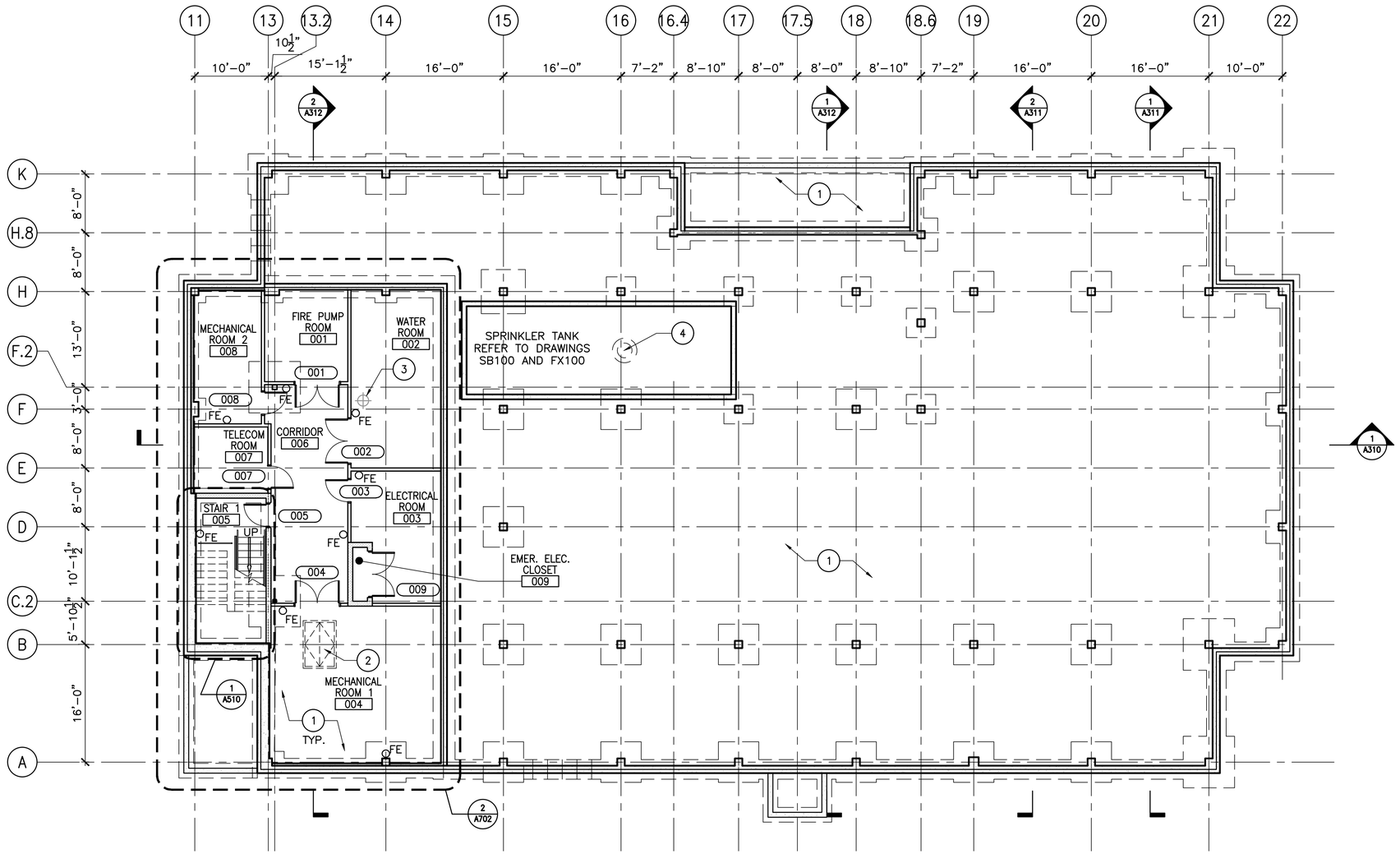
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

EV CHARGING ENCLOSURE
PLAN AND DETAILS

SHEET NUMBER
A103

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A103.dwg Jan 26, 2022 - 3:05pm



1 BASEMENT PLAN
1/8"=1'-0"

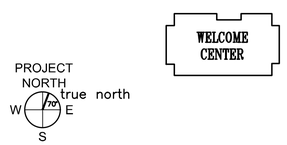
KEY NOTES

1. CONCRETE SLAB REFER TO SB100
2. MECHANICAL ROOM ACCESS FLOOR HATCH (ABOVE)
3. DRAIN TO SUMB PUMP REFER TO PL100
4. SPRINKLER TANK ACCESS MANHOLE

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

INFORMATION	
SIGNATURE	–
AECOM	–
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

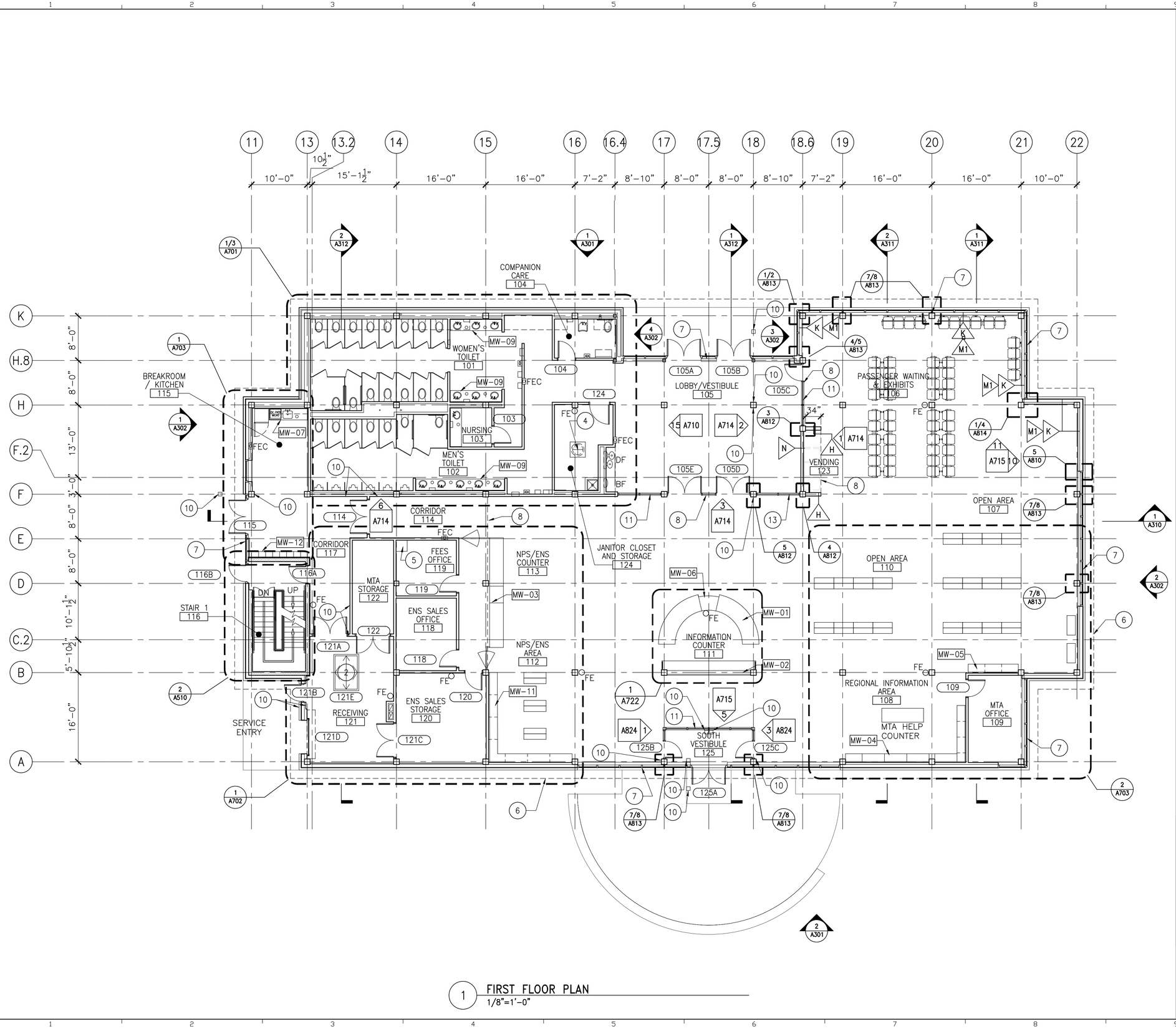
PROJECT	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	–
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

BASEMENT PLAN

SHEET NUMBER
A201

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A201.dwg Jan 17, 2022 - 3:03pm



1 FIRST FLOOR PLAN
1/8"=1'-0"

KEY NOTES

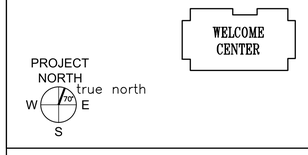
(2) MECHANICAL ROOM ACCESS FLOOR HATCH
(4) SPRINKLER TANK ACCESS MANHOLE
(5) 24"X24"X4"HIGH RAISED CONC. SLAB PLACED W/ CONC. SLAB FOR SAFE
(6) EDGE OF ROOF OVERHANG
(7) ALUMINUM CURTAINWALL SYSTEM
(8) SOFFIT/WALL ABOVE
(10) PUSH BUTTON AUTOMATIC DOOR OPENER
(11) STEEL STOREFRONT

MW-01 INFORMATION DESK REFER TO SHEET A722 & A723
MW-02 INFORMATION DESK BACK COUNTER REFER TO SHEET A726
MW-03 RETAIL / BOOKSTORE COUNTER REFER TO SHEET A724 & A725
MW-04 REGIONAL IINFORMATION AREA, CNTR. REFER TO SHEET A727 & A728
MW-05 REGIONAL INFORMATION AREA, CNTR. REFER TO SHEET A727
MW-06 ACCESSIBLE COUNTER SECTION REFER TO SHEET A723
MW-07 KITCHEN COUNTER REFER TO SHEET A720
MW-09 BATHROOM LAV. COUNTERTOP, REFER TO SHEET A721
MW-10 BATHROOM COUNTERTOP, REFER TO SHEET A721
MW-11 RETAIL / BOOKSTORE CABINETS, REFER TO SHEET A727 & A728
MW-12 LOCKERS REFER TO SHEET A721

GENERAL NOTES

1. EXTERIOR WALL CONSTRUCTION ARE SIP'S (STRUCTURAL INSULATED PANELS) U.O.N., REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. ALL INTERIOR STAIR 1 PARTITIONS C.M.U., U.O.N.
3. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

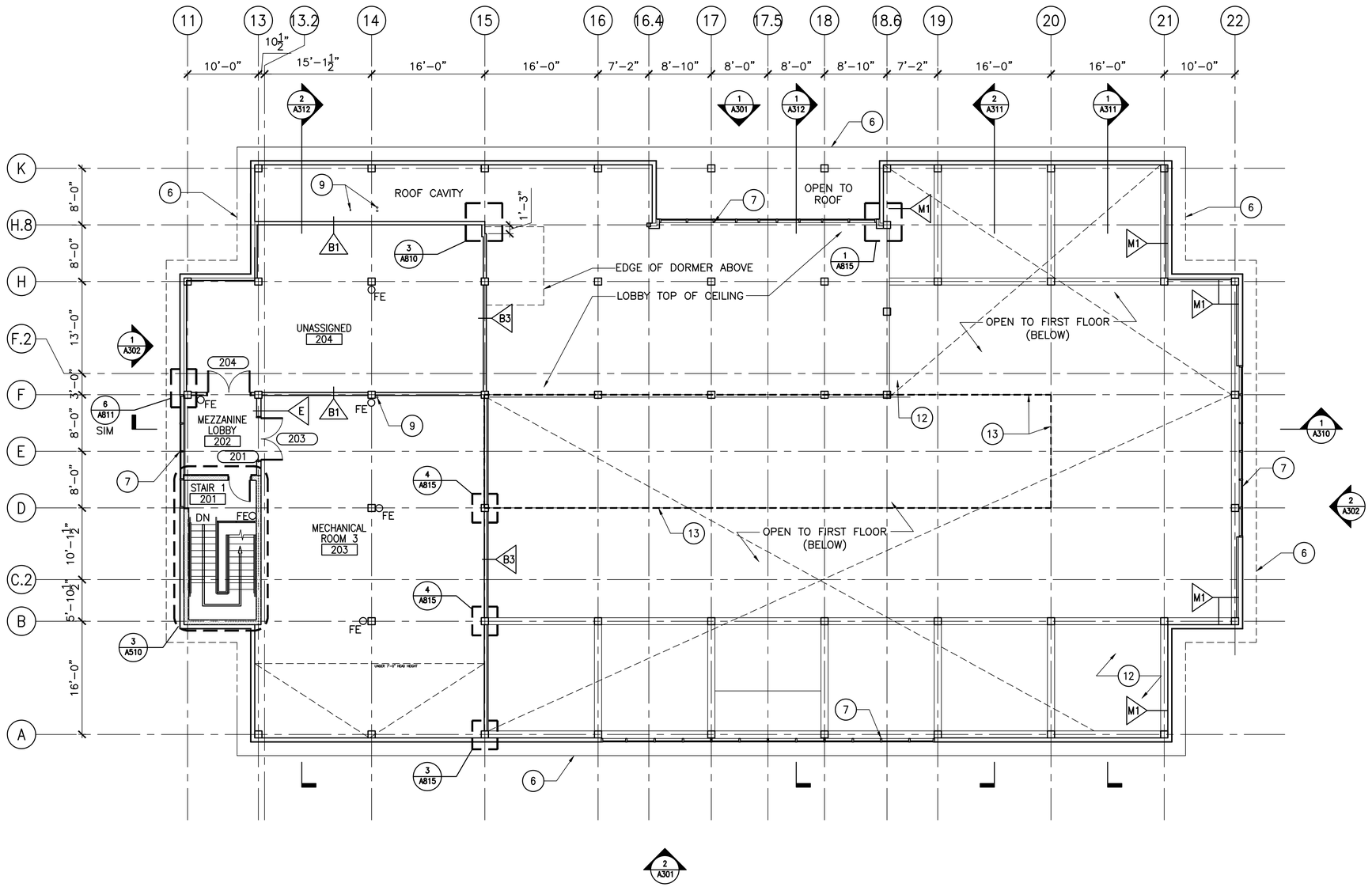
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

FIRST FLOOR PLAN

SHEET NUMBER
A202

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A202.dwg Aug 23, 2022 - 9:39am



1 MEZZANINE PLAN
1/8"=1'-0"

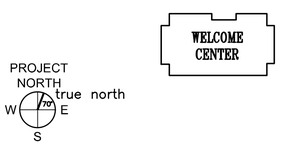
KEY NOTES

6. EDGE OF ROOF OVERHANG
7. ALUMINUM CURTAINWALL SYSTEM
9. VENT PIPES REFER TO PL101 & PL103
12. WOOD TONGUE AND GROOVE DECK REFER TO A613
13. LIMIT OF TRANSLUCENT SKYLIGHT PANEL SYSTEM (ABOVE)

GENERAL NOTES

1. EXTERIOR WALL CONSTRUCTION ARE SIP'S (STRUCTURAL INSULATED PANELS) U.O.N., REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. ALL INTERIOR STAIR 1 PARTITIONS C.M.U., U.O.N.
3. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

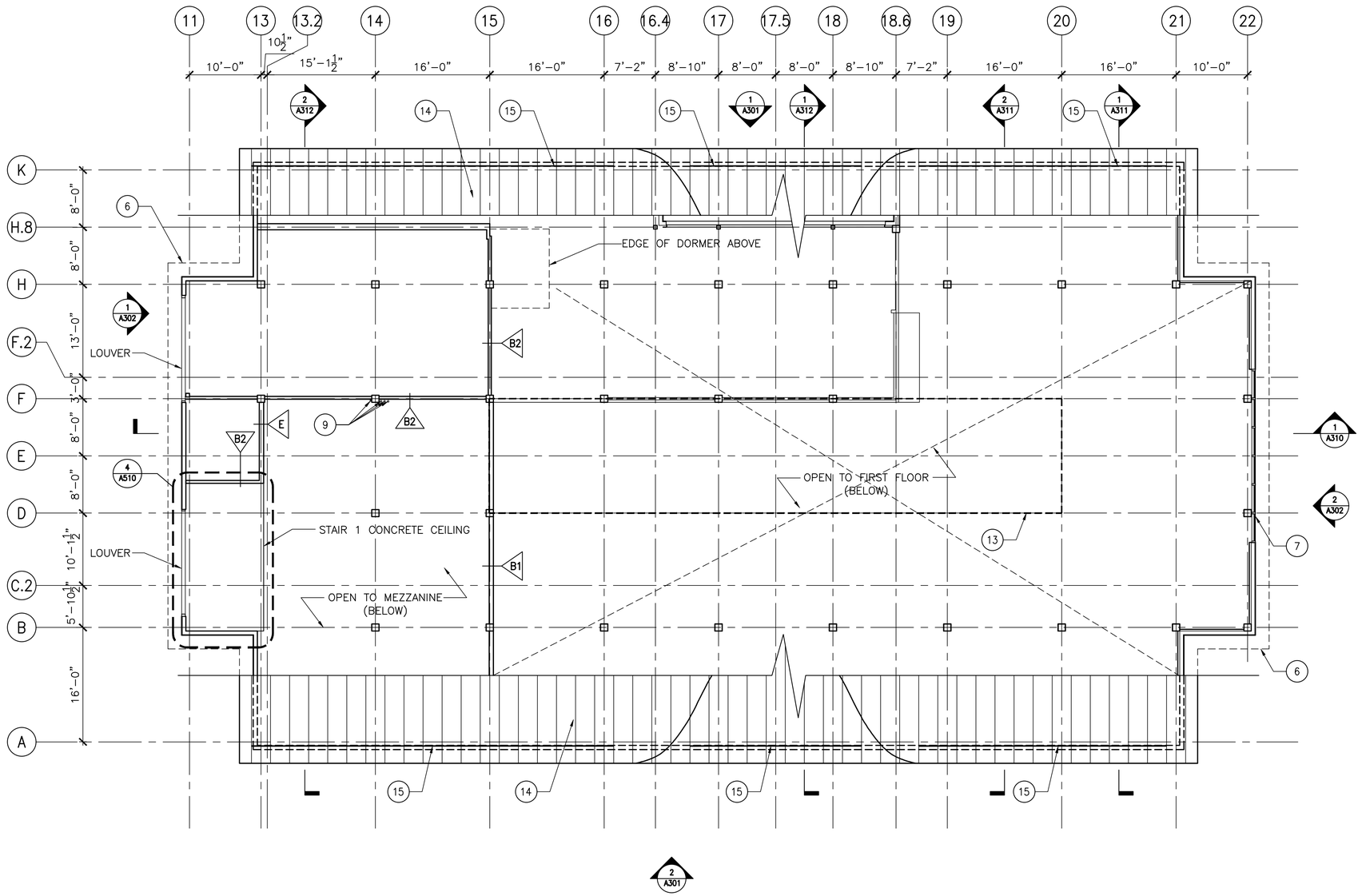
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

MEZZANINE PLAN

SHEET NUMBER
A203

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A203.dwg Jan 17, 2022 - 3:05pm



1 ATTIC FLOOR PLAN
1/8"=1'-0"

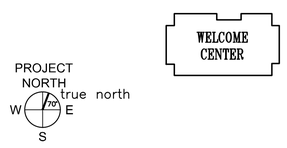
KEY NOTES

6. EDGE OF ROOF OVERHANG
7. ALUMINUM CURTAINWALL SYSTEM
9. VENT PIPES REFER TO PL101 & PL103
13. LIMIT OF TRANSLUCENT SKYLIGHT PANEL SYSTEM (ABOVE)
14. STANDING SEAM METAL ROOF COLOR AND MFR TBD
15. SNOW GUARD SYSTEM SEE SNOW GUARD DETAIL 8/A842

GENERAL NOTES

1. EXTERIOR WALL CONSTRUCTION ARE SIP'S (STRUCTURAL INSULATED PANELS) U.O.N., REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

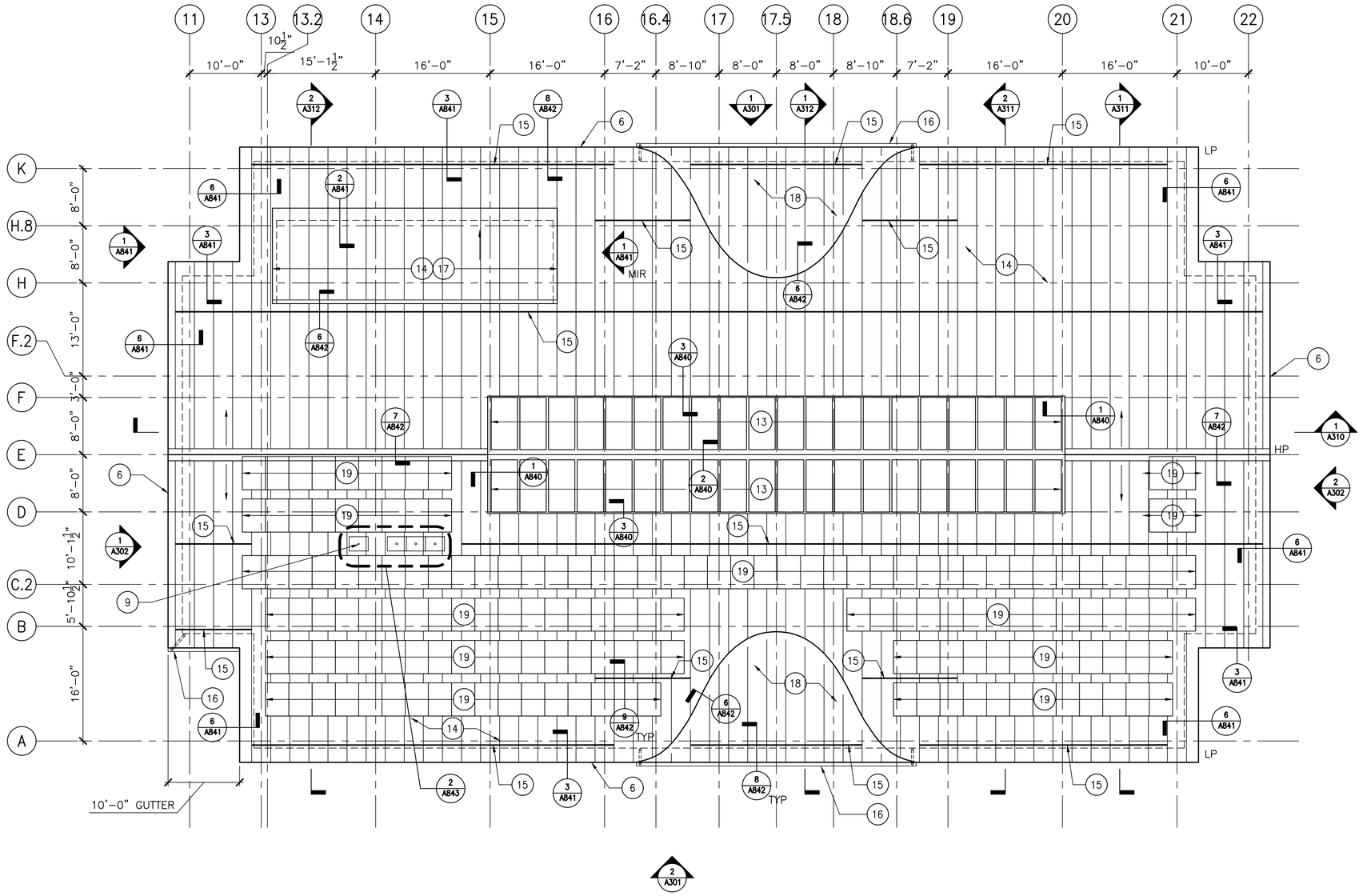
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ATTIC FLOOR PLAN

SHEET NUMBER
A204

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A204.dwg Jan 19, 2022 - 10:02am



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

KEY NOTES

6 EDGE OF ROOF OVERHANG

8 SOFFIT/WALL ABOVE

9 VENT PIPES
REFER TO PL101 & PL103

13 TRANSLUCENT SKYLIGHT PANEL SYSTEM

14 STANDING SEAM METAL ROOF
COLOR AND MFR TBD

15 SNOW GUARD SYSTEM
SEE SNOW GUARD DETAIL 8/A842

16 GUTTER SYSTEM W/ DOWN SPOUT

17 SHED DORMER

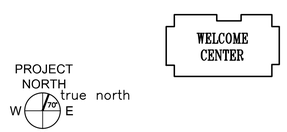
18 CURVED GABLE

19 PHOTOVOLTAIC ARRAY

GENERAL NOTES

1. EXTERIOR WALL CONSTRUCTION ARE SIP'S (STRUCTURAL INSULATED PANELS) U.O.N., REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

INFORMATION	
SIGNATURE	–
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

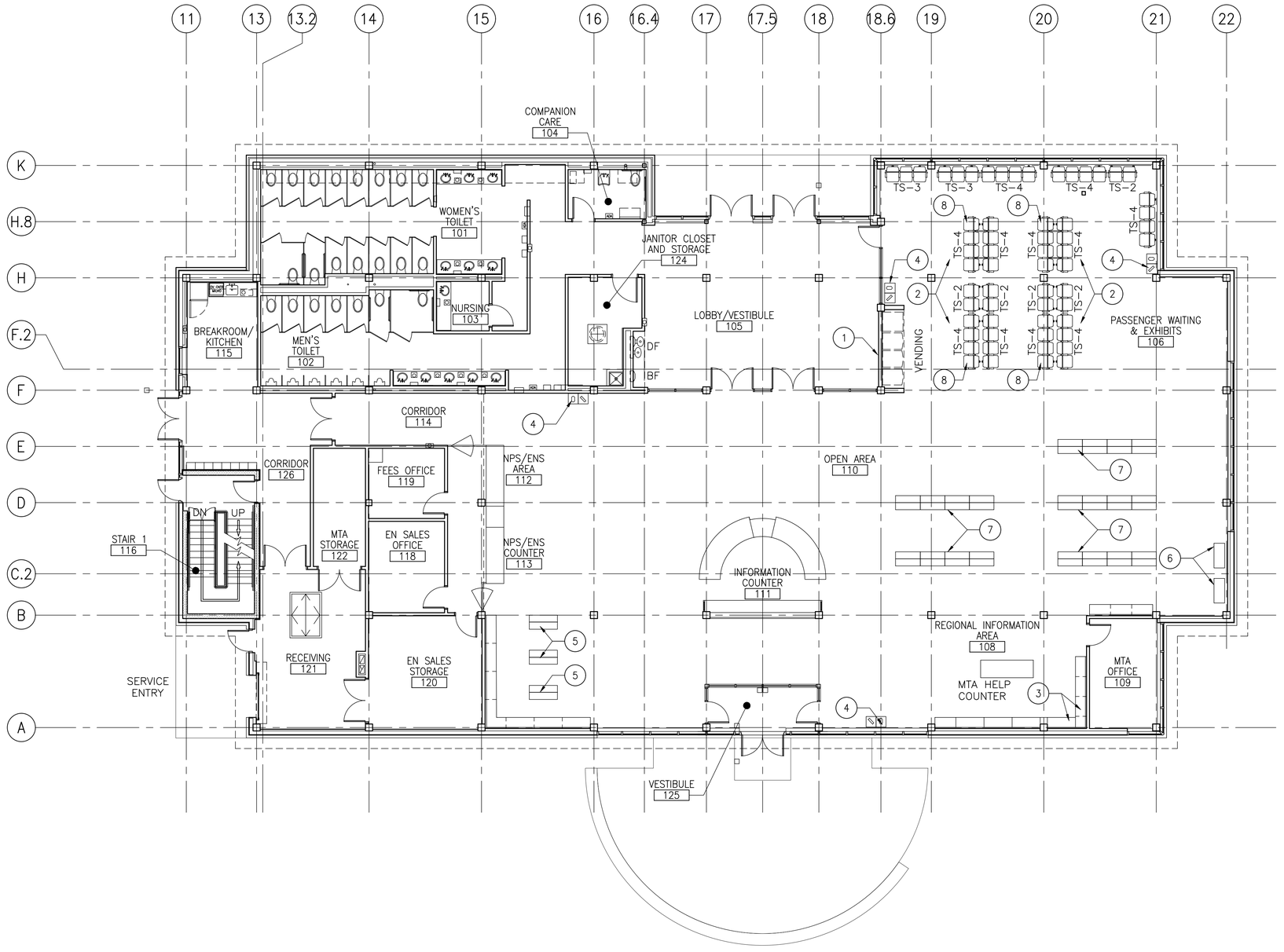
PROJECT	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ROOF PLAN

SHEET NUMBER
A205

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A205.dwg Jan 19, 2022 - 10:11am



1 FIRST FLOOR FURNITURE PLAN
1/8"=1'-0"

FOR REFERENCE ONLY

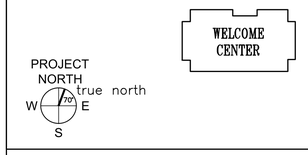
FURNITURE KEY NOTES

1. INTERPRETIVE EXHIBIT (DISPLAY), REFER TO SG108
2. RTA SEATING, SEE FURNITURE SPECIFICATIONS FOR MORE INFO
3. TELEPHONES AT COUNTERTOP, N.I.C.
4. TRASH & RECYCLE CONTAINERS, N.I.C.
5. LOW HEIGHT BOOK SHELVES (N.I.C.)
6. DIGITAL KIOSKS (N.I.C.)
7. PUBLICATION RACKS (N.I.C.)
8. ADA ACCESSIBLE SEATING LOCATION, SEE FURNITURE SPECIFICATIONS FOR MORE INFO

GENERAL NOTES

1. SEE FURNITURE SPECIFICATIONS FOR MORE INFO.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wenger
SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

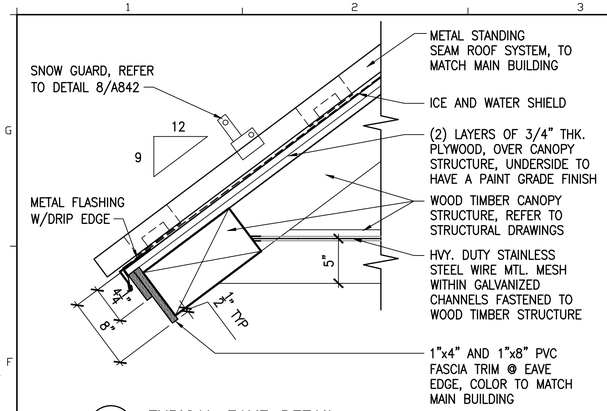
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

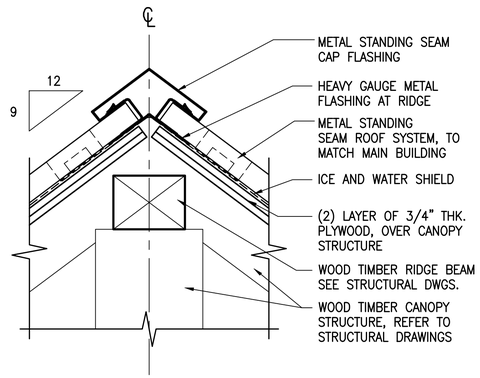
FIRST FLOOR FURNITURE PLAN

SHEET NUMBER
A206

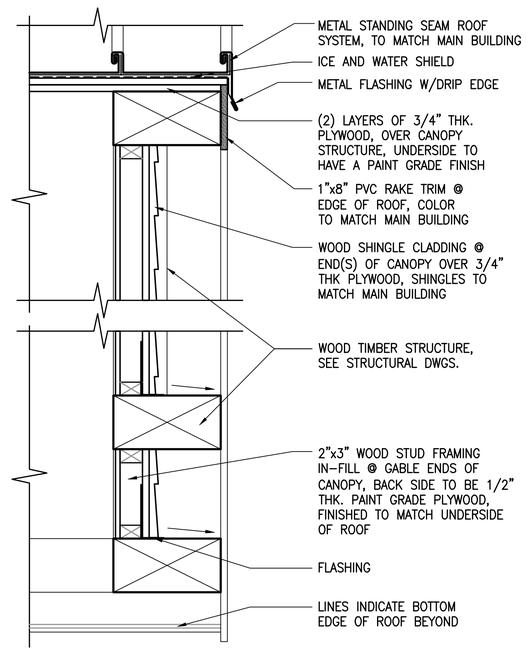
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A206.dwg Sep 08, 2022 - 1:36pm



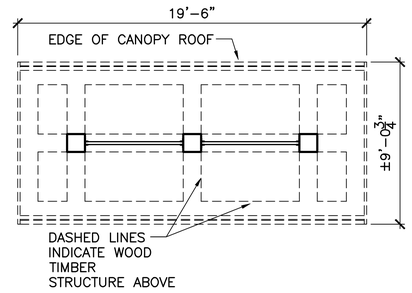
9 TYPICAL EAVE DETAIL
1 1/2"=1'-0"



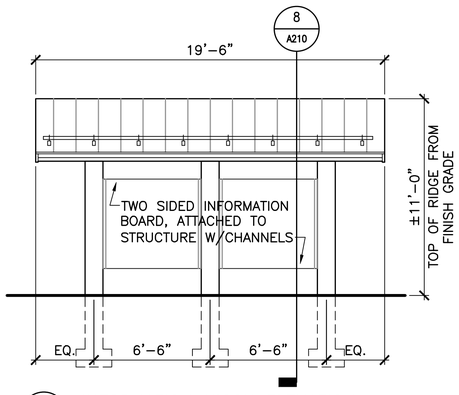
10 ROOF RIDGE DETAIL
1 1/2"=1'-0"



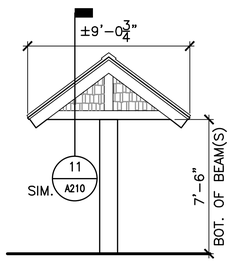
11 GABLE END DETAIL
1 1/2"=1'-0"



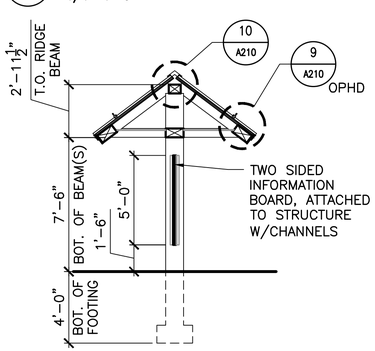
5 INFORMATION KIOSK PLAN
1/4"=1'-0"



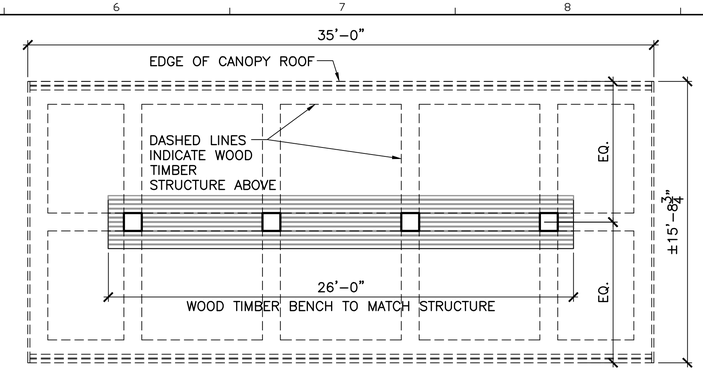
6 INFORMATION KIOSK ELEVATION
1/4"=1'-0"



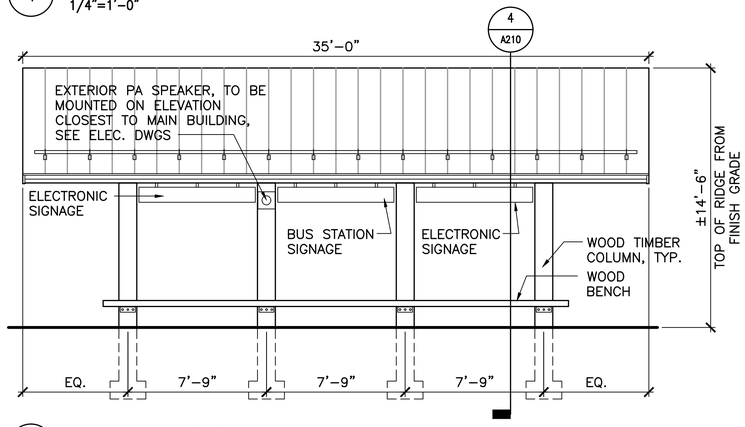
7 INFORMATION KIOSK END ELEV.
1/4"=1'-0"



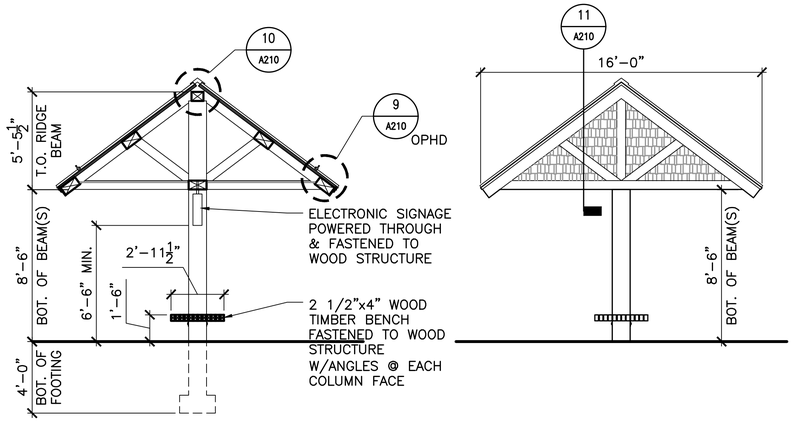
8 SECTION @ INFORMATION KIOSK
1/4"=1'-0"



1 BUS CANOPY PLAN
1/4"=1'-0"



2 BUS CANOPY ELEVATION
1/4"=1'-0"

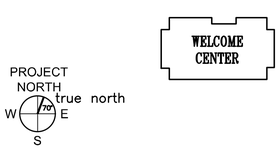


4 SECTION @ BUS CANOPY
1/4"=1'-0"

3 BUS CANOPY END ELEVATION
1/4"=1'-0"

GENERAL NOTES

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED P/N NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wenger
SIGNATURE

ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

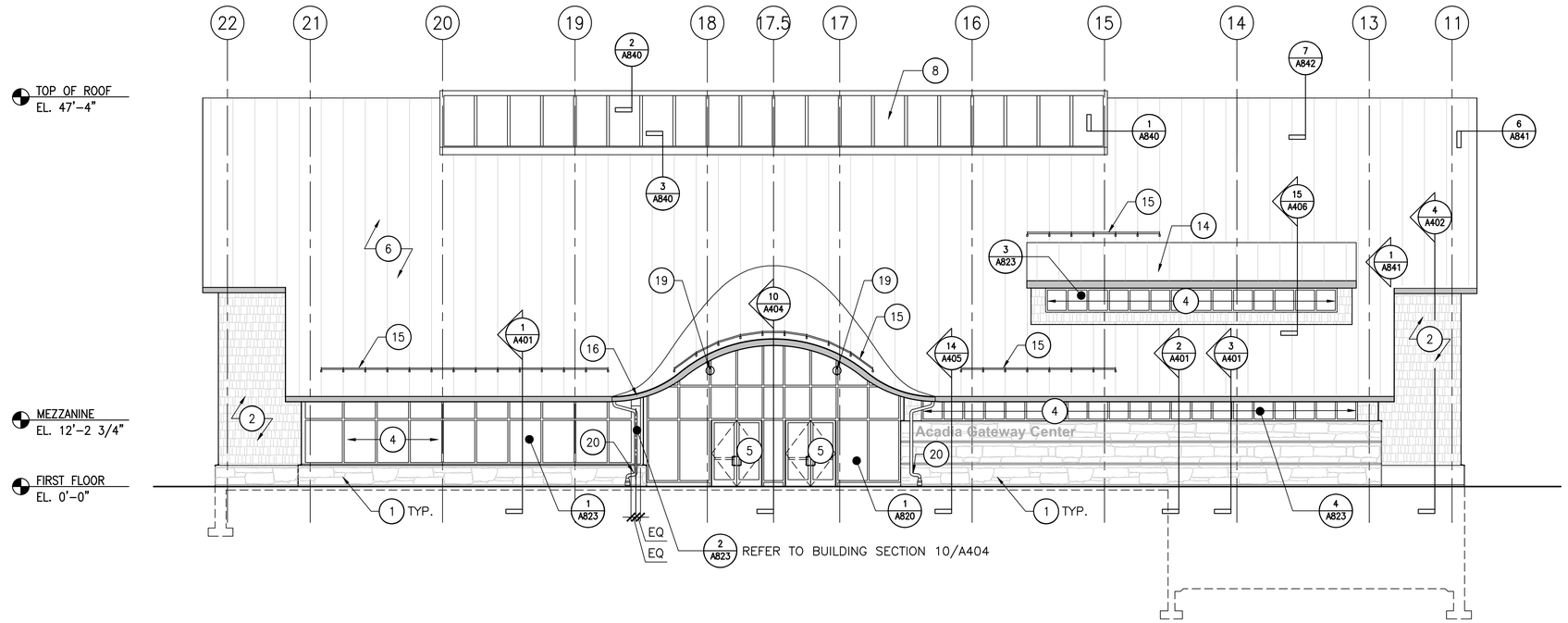
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

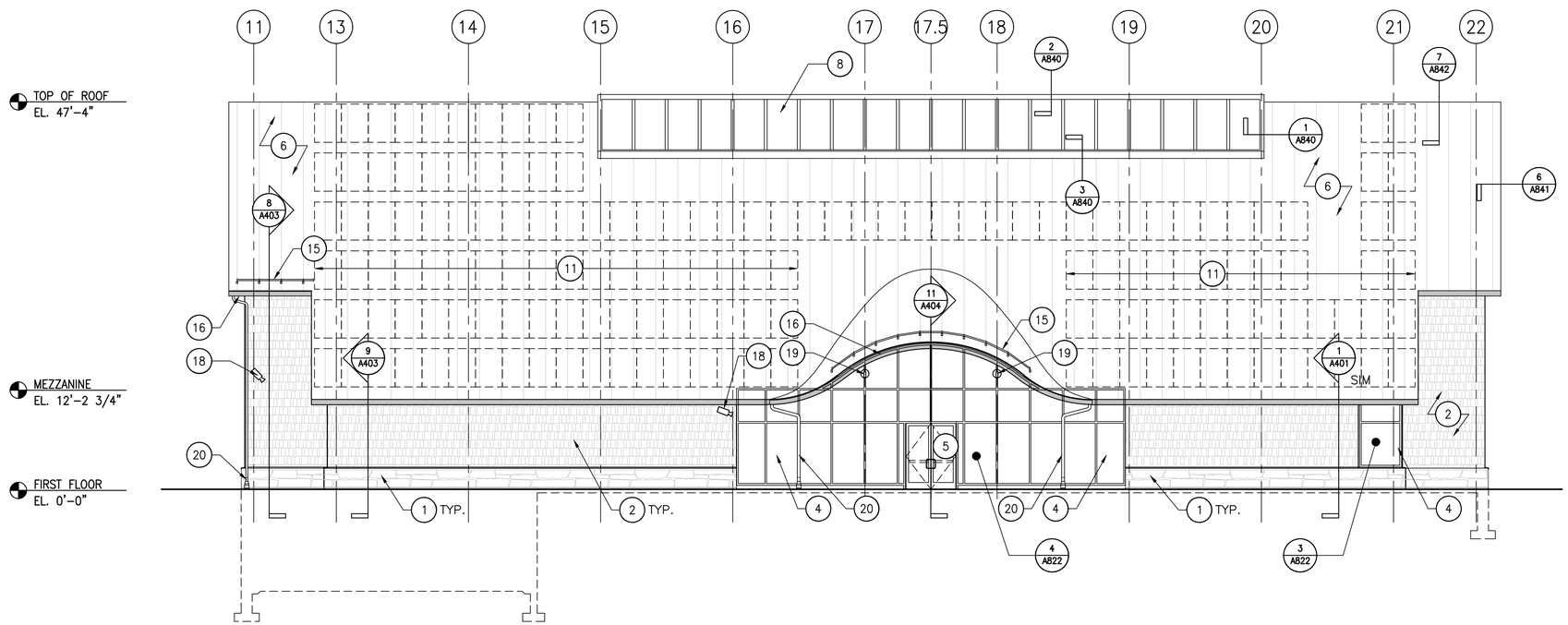
BUS CANOPY AND INFORMATION KIOSK

SHEET NUMBER
A210

\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A210.dwg Jan 17, 2022 - 3:07pm



1 NORTH EXTERIOR ELEVATION
1/8"=1'-0"



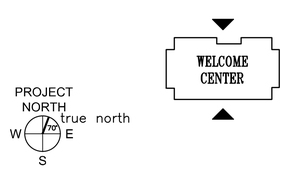
2 SOUTH EXTERIOR ELEVATION
1/8"=1'-0"

ELEVATION KEY NOTES

1. STONE VENEER
2. CEDAR WOOD SHINGLES (8" EXPOSURE)
4. ALUMINUM CURTAIN WALL SYSTEM
5. ALUMINUM ENTRANCE
6. STANDING SEAM METAL ROOF
8. TRANSLUCENT SKYLIGHT PANEL SYSTEM
11. PHOTOVOLTAIC ARRAY
14. SHED DORMER
15. SNOW GUARD SYSTEM SEE SNOW GUARD DETAIL 8/A842
16. GUTTER SYSTEM W/ DOWN SPOUT
18. SECURITY CAMERA
19. FLOOD LIGHT
20. DOWNSPOUT, HELD CLOSE TO BUILDING, TERMINATED AT STORM DRAIN CONNECTION IN RIVER ROCK; SEE CIVIL FOR CONNECTION. ALIGN VERTICAL RUNS AGAINST BUILDING AS SHOWN. LOCATE SYMMETRICALLY BY FACE AS SHOWN.

GENERAL NOTES

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

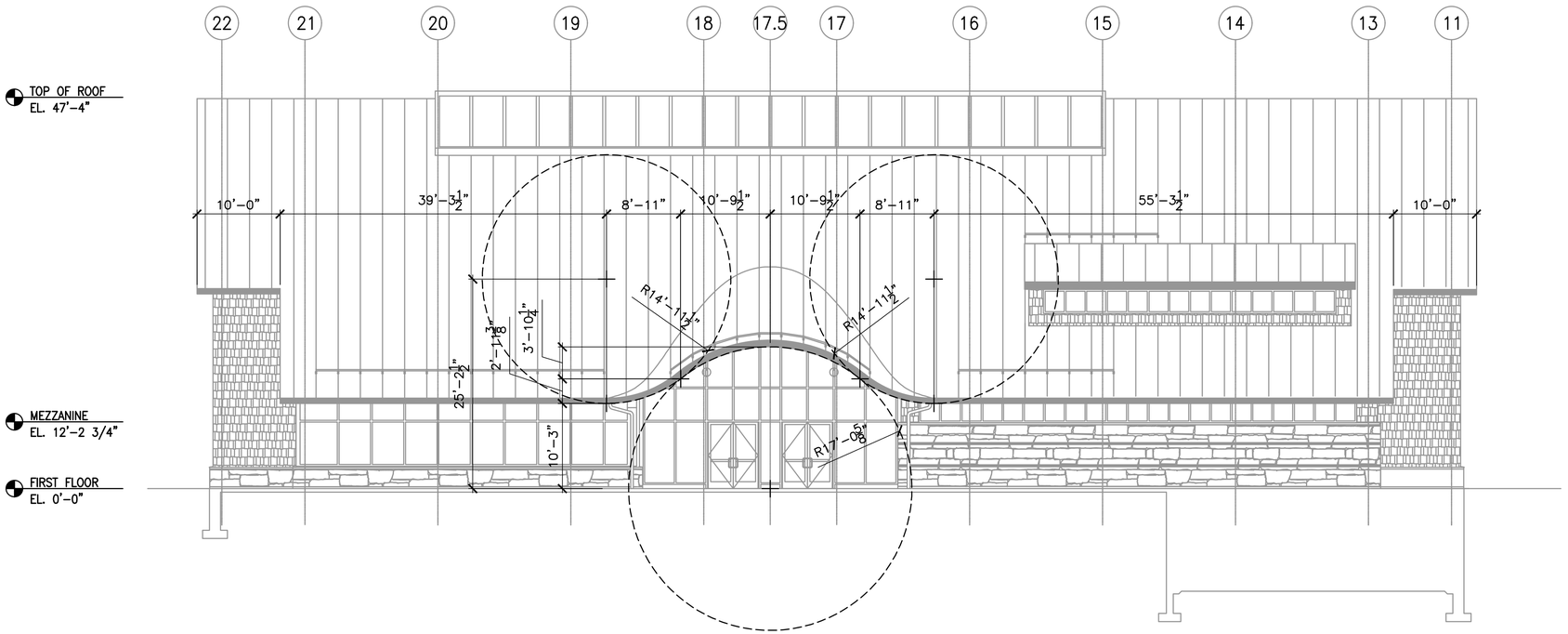
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

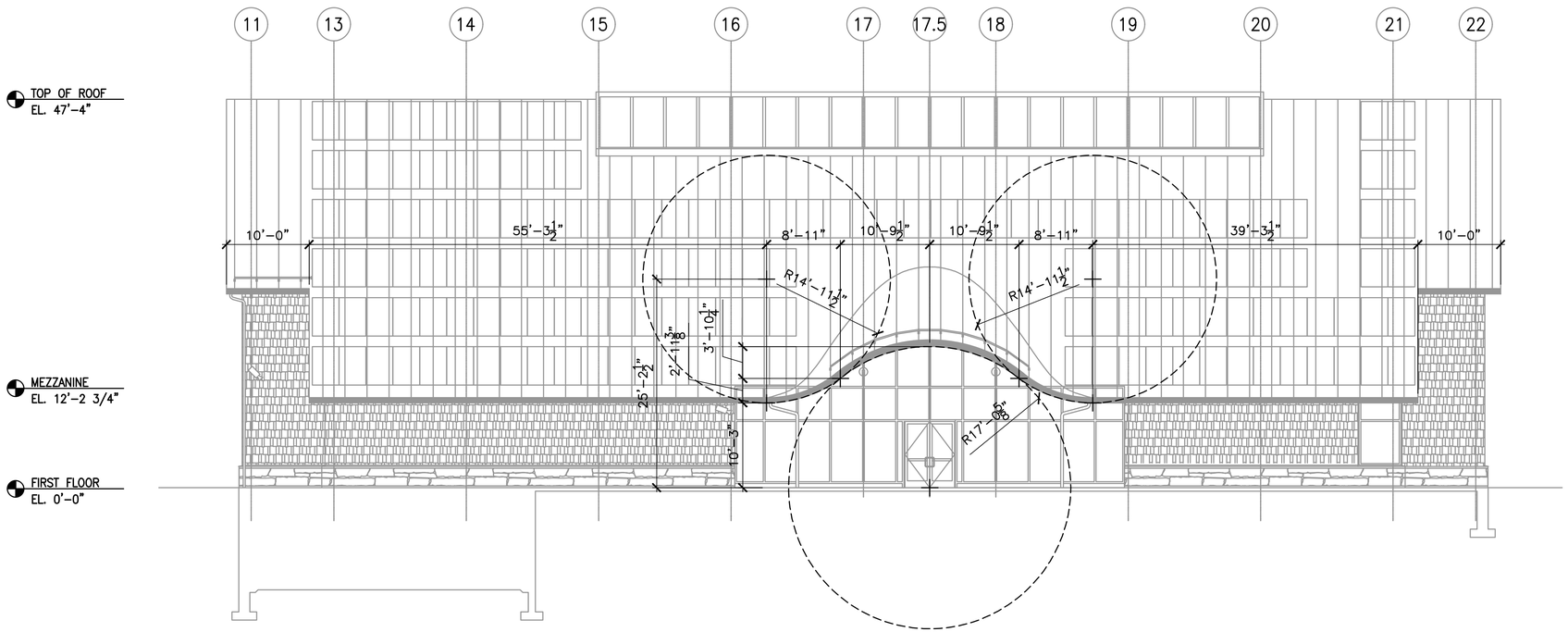
EXTERIOR ELEVATIONS I

SHEET NUMBER
A301

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A301.dwg Jan 27, 2022 - 11:30am



1 NORTH EXTERIOR ELEVATION GEOMETRY
1/8"=1'-0"



2 SOUTH EXTERIOR ELEVATION GEOMTERY
1/8"=1'-0"

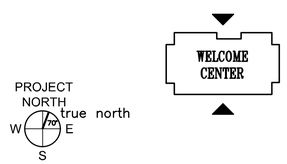
ELEVATION SYMBOLS

WORK POINT

ARC DEFINING CIRCLE

GENERAL NOTES

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

PROJECT INFORMATION			
PROGRAM	–	SIGNATURE	
PROJECT MANAGER	–		
DESIGNER	AECOM	ARCH. LIN. NUMBER	ARC5292
CONSULTANT	–		
PROJECT RESIDENT	–	DATE	JANUARY 17, 2022
CONTRACTOR	–		
PROJECT COMPLETION DATE	–		

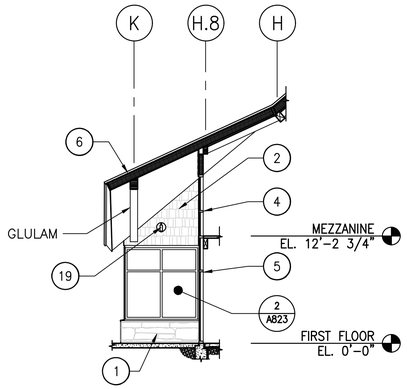
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

EXTERIOR ELEVS I GEOMETRY

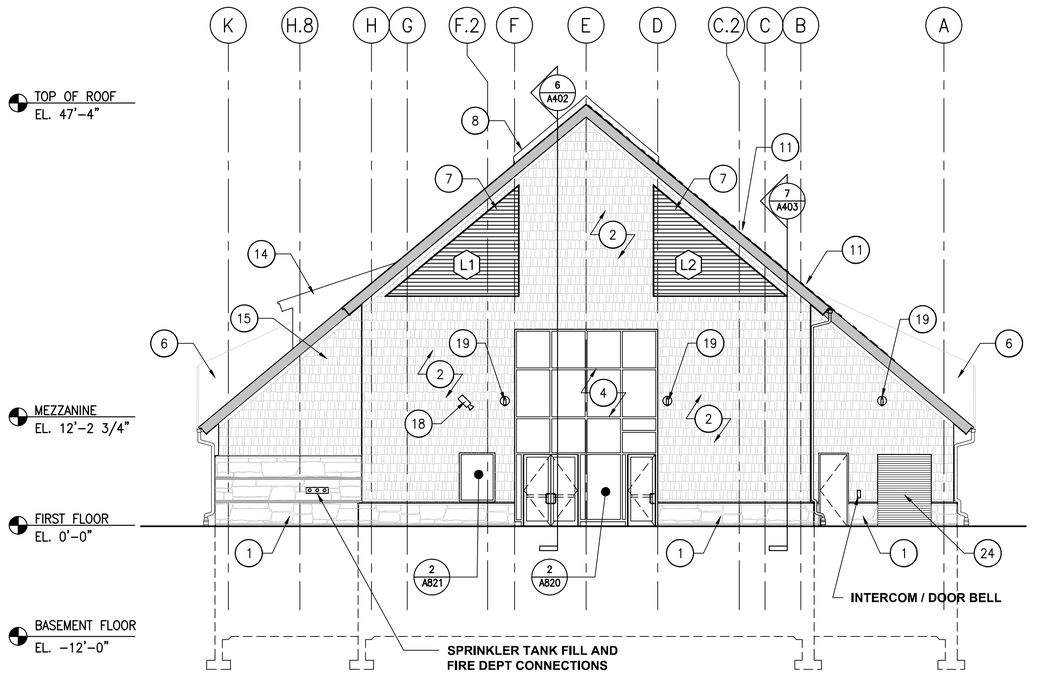
SHEET NUMBER
A301a

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A301a.dwg Jan 17, 2022 - 3:10pm

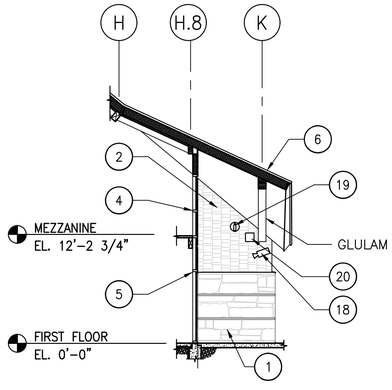
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A302.dwg Jan 26, 2022 - 8:53pm



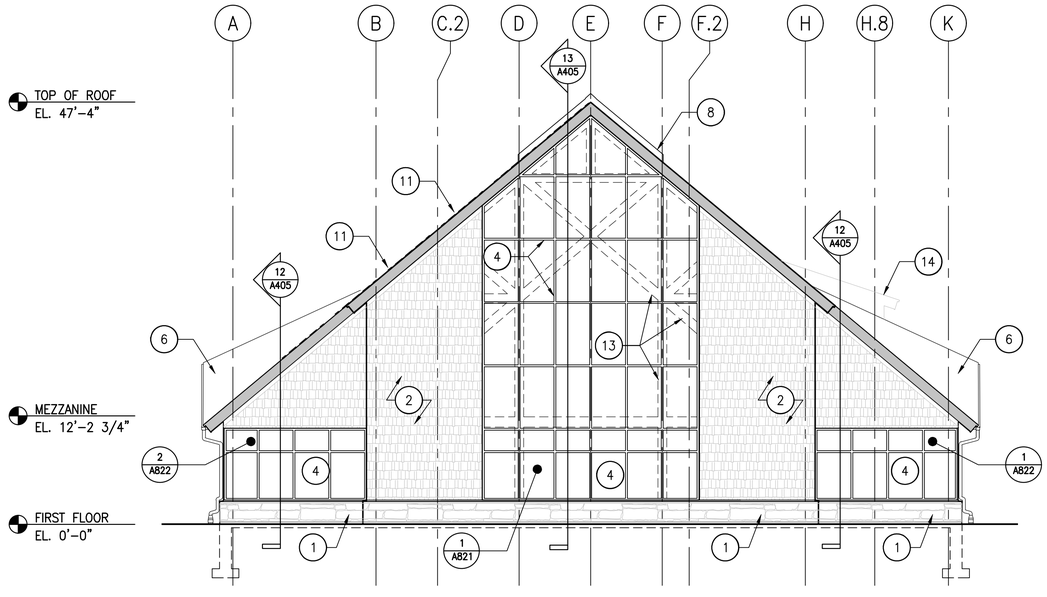
3 WEST EXTERIOR ELEVATION AT LOBBY
1/8"=1'-0"



1 WEST EXTERIOR ELEVATION
1/8"=1'-0"



4 EAST EXTERIOR ELEVATION AT LOBBY
1/8"=1'-0"



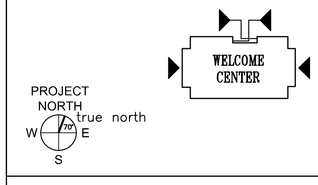
2 EAST EXTERIOR ELEVATION
1/8"=1'-0"

ELEVATION KEY NOTES

1. STONE VENEER
2. CEDAR WOOD SHINGLES (8" EXPOSURE)
4. ALUMINUM CURTAIN WALL SYSTEM
5. ALUMINUM ENTRANCE
6. STANDING SEAM METAL ROOF
7. METAL LOUVER
8. TRANSLUCENT SKYLIGHT PANEL SYSTEM
11. PHOTOVOLTAIC ARRAY
13. WOOD STRUCTURE BEYOND
14. SHED DORMER
15. SIGN – "FIRE DEPARTMENT CONNECTION BELOW"
18. SECURITY CAMERA
19. FLOOD LIGHT
20. PA SPEAKER, SEE ELEC. DWGS
24. ROLLUP DOOR

GENERAL NOTES

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

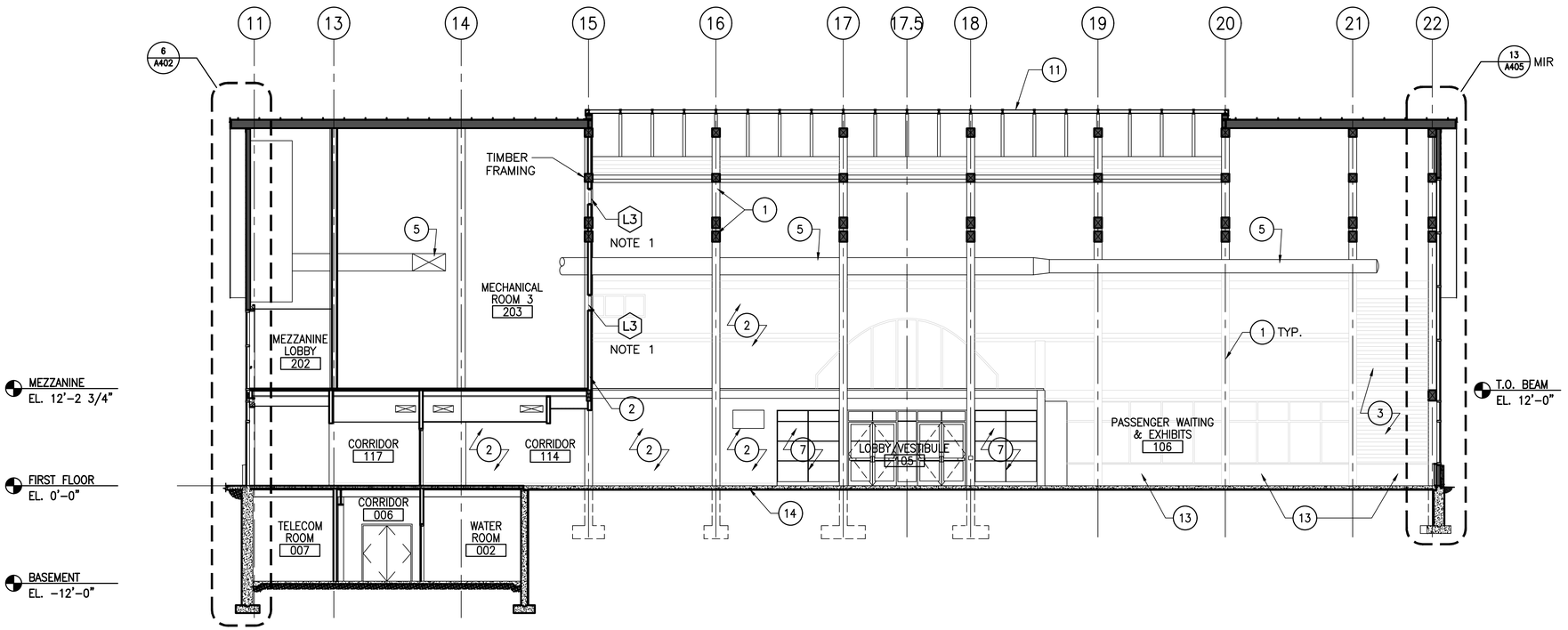
PROJECT INFORMATION

PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

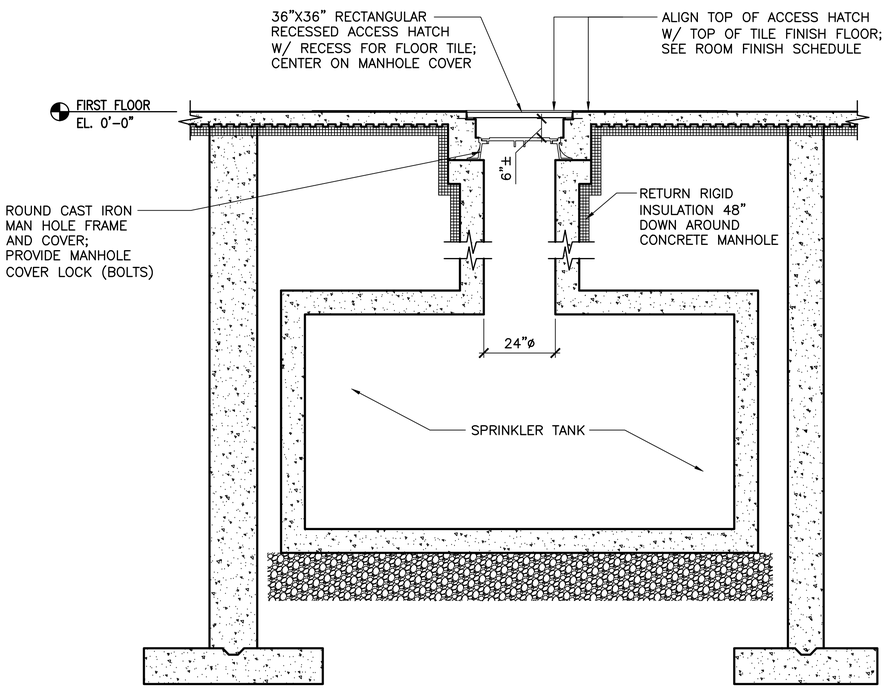
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

EXTERIOR ELEVATIONS II

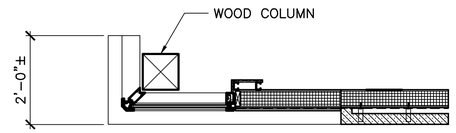
SHEET NUMBER
A302



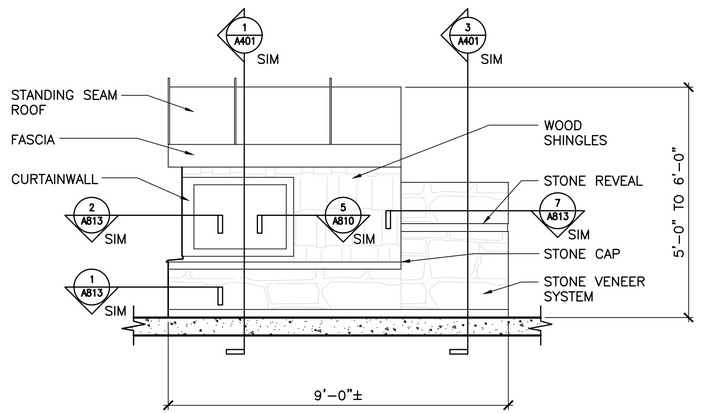
1 BUILDING SECTION
1/8"=1'-0"



3 SPRINKLER TANK MANHOLE ACCESS SECTION
1/2"=1'-0"



3 MOCK-UP PLAN
1/2"=1'-0"



2 MOCK-UP ELEVATION
1/2"=1'-0"

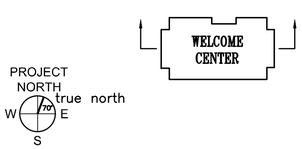
SECTION KEY NOTES

1. DOUGLAS FIR STRUCTURE, REFER TO STRUCTURAL
2. PAINTED GWB
3. ACOUSTIC WOOD LOOKS PANEL
4. WOOD SLAT WALL
5. HVAC DUCT, REFER TO HVAC DRAWINGS
6. SUSPENDED CEILING SYSTEM
7. STOREFRONT SYSTEM
11. TRANSLUCENT SKYLIGHT PANEL SYSTEM
13. INTERIOR STONE VENEER
14. CONCRETE SLAB ON GRADE

GENERAL NOTES

1. COORDINATE INTERIOR RETURN AIR GRILLE (L3) LOCATIONS W/ SHEETS MH102 AND MH103. GRILLES SHALL BE CENTERED ON GRID LINE E AND CLEAR TIMBER FRAMING.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

PROJECT INFORMATION		
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	AECOM	
CONSULTANT	–	
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE	–	–

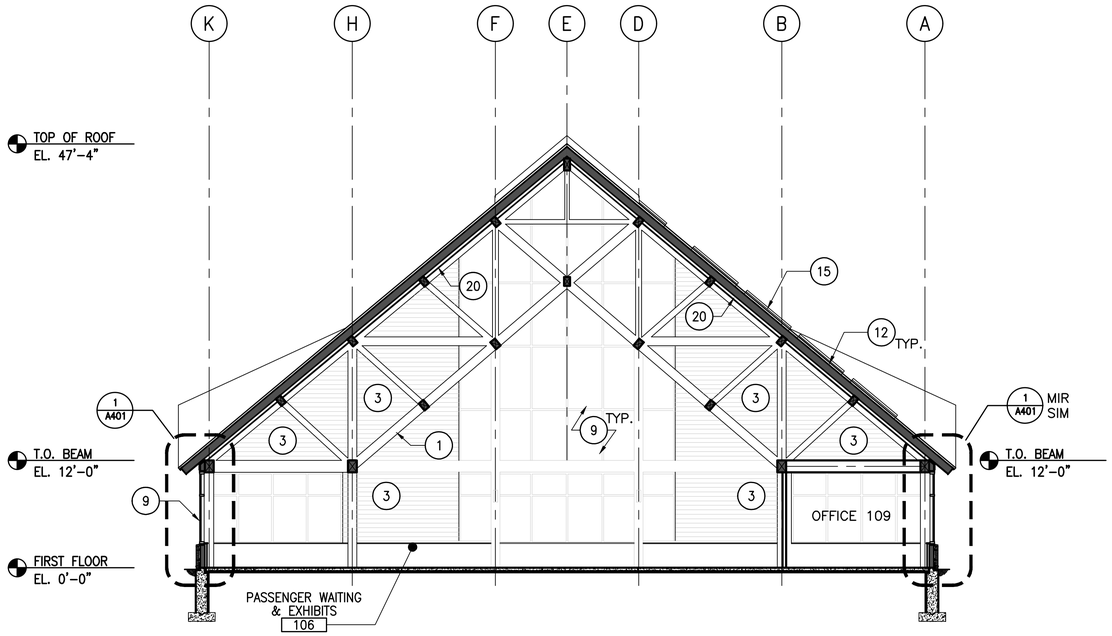
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

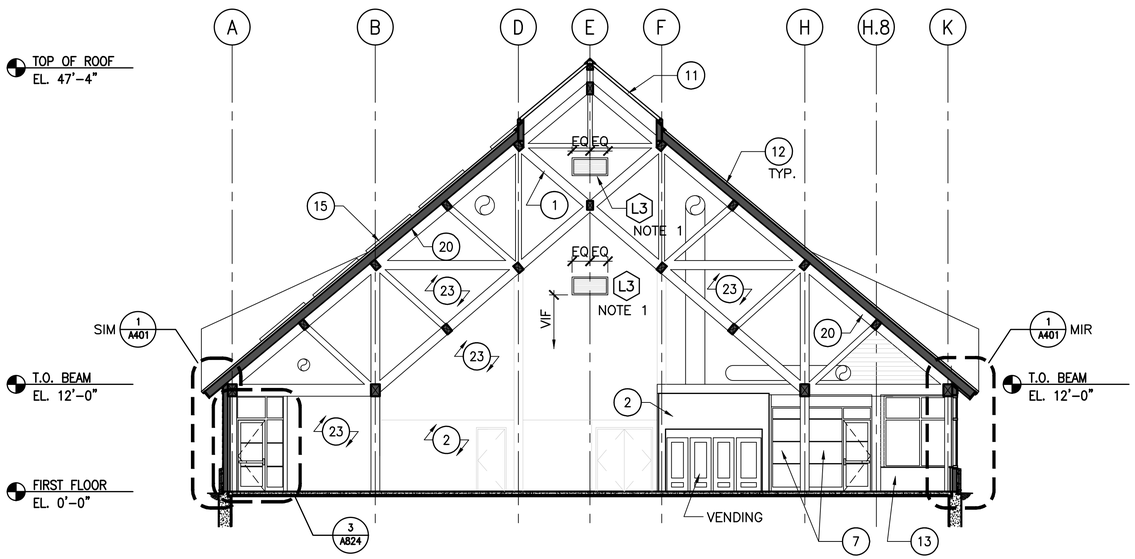
BUILDING SECTIONS I

SHEET NUMBER
A310

\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A310.dwg Jan 17, 2022 - 3:12pm



1 BUILDING SECTION
1/8"=1'-0"



2 BUILDING SECTION
1/8"=1'-0"

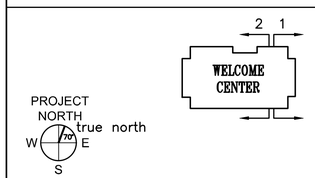
SECTION KEY NOTES

1. DOUGLAS FIR STRUCTURE, REFER TO STRUCTURAL
2. PAINTED GWB
3. ACOUSTIC WOOD LOOKS PANEL
4. WOOD SLAT WALL
7. STOREFRONT SYSTEM
9. ALUMINUM CURTAIN WALL SYSTEM
11. TRANSLUCENT SKYLIGHT PANEL SYSTEM
12. METAL ROOF SYSTEM ON SIP'S (STRUCTURAL INSULATED PANELS)
13. INTERIOR STONE VENEER
15. PHOTOVOLTAIC ARRAY
20. WOOD CEILING SYSTEM
21. COLUMN MOUNTED LIGHT FIXTURE
22. WOOD FINISH SLATWALL
23. ACOUSTIC PLASTER WALL SURFACE

GENERAL NOTES

1. COORDINATE INTERIOR RETURN AIR GRILLE (L3) LOCATIONS W/ SHEETS MH102 AND MH103. GRILLES SHALL BE CENTERED ON GRID LINE E AND CLEAR TIMBER FRAMING.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

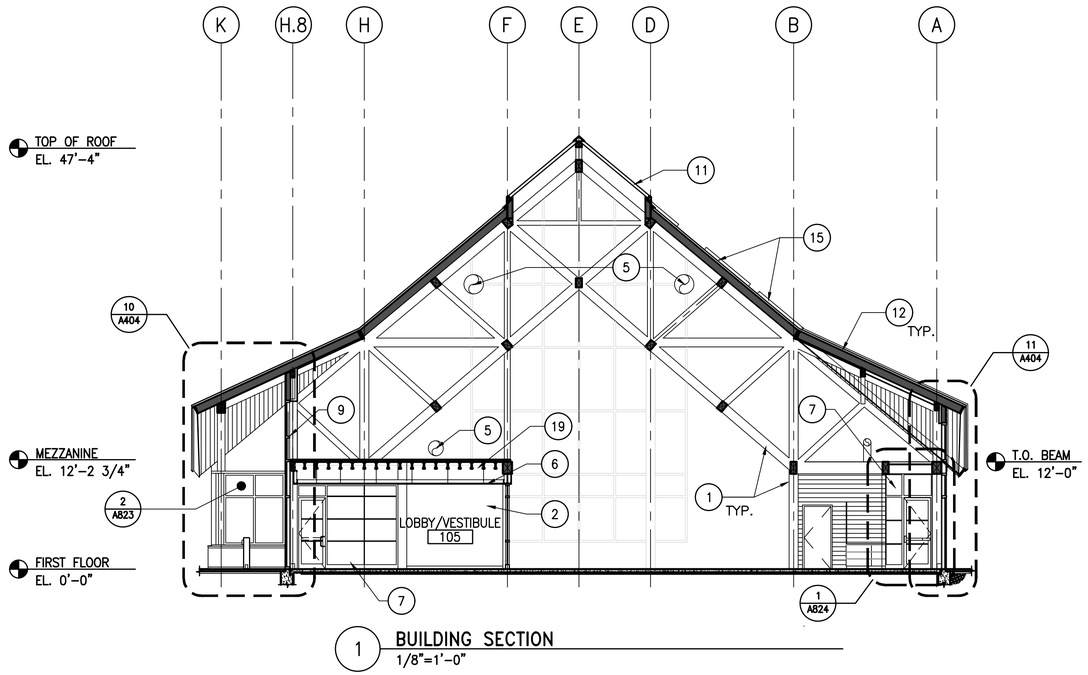
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

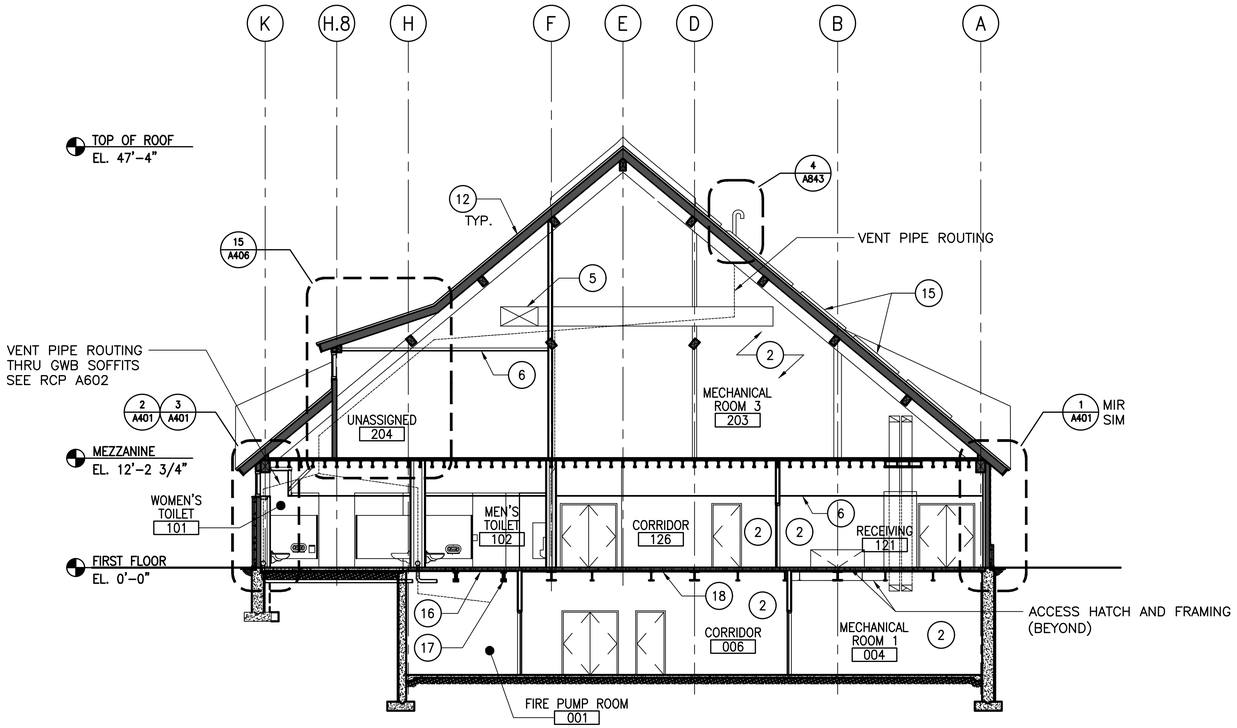
BUILDING SECTIONS II

SHEET NUMBER
A311

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A311.dwg Jan 17, 2022 - 3:12pm



1 BUILDING SECTION
1/8"=1'-0"



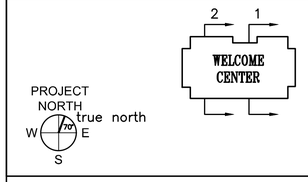
2 BUILDING SECTION
1/8"=1'-0"

SECTION KEY NOTES

1. DOUGLAS FIR STRUCTURE, REFER TO STRUCTURAL
2. PAINTED GWB
4. WOOD SLAT WALL
5. HVAC DUCT, REFER TO HVAC DRAWINGS
6. SUSPENDED CEILING SYSTEM
7. STOREFRONT SYSTEM
9. ALUMINUM CURTAIN WALL SYSTEM
11. TRANSLUCENT SKYLIGHT PANEL SYSTEM
12. METAL ROOF SYSTEM ON SIP'S (STRUCTURAL INSULATED PANELS)
15. PHOTOVOLTAIC ARRAY
16. SPRAY APPLIED 1 HOUR RATED FIRE PROOFING
17. SPRAY APPLIED 1 HOUR RATED FIRE PROOFING AROUND BEAMS
18. SPRAY APPLIED INSULATION
19. SOUND ATTENUATION BATT INSULATION

GENERAL NOTES

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	DATE
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE

ARCH. LIN. NUMBER
ARC5292

DATE JANUARY 17, 2022

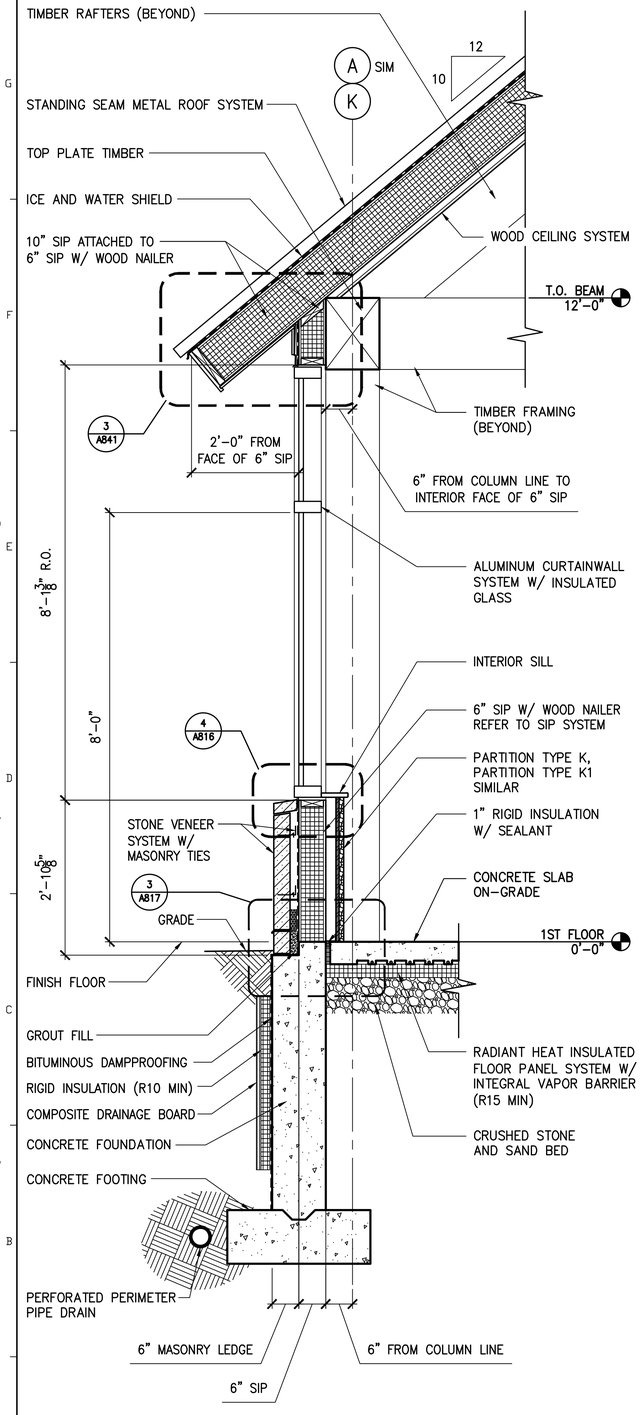
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

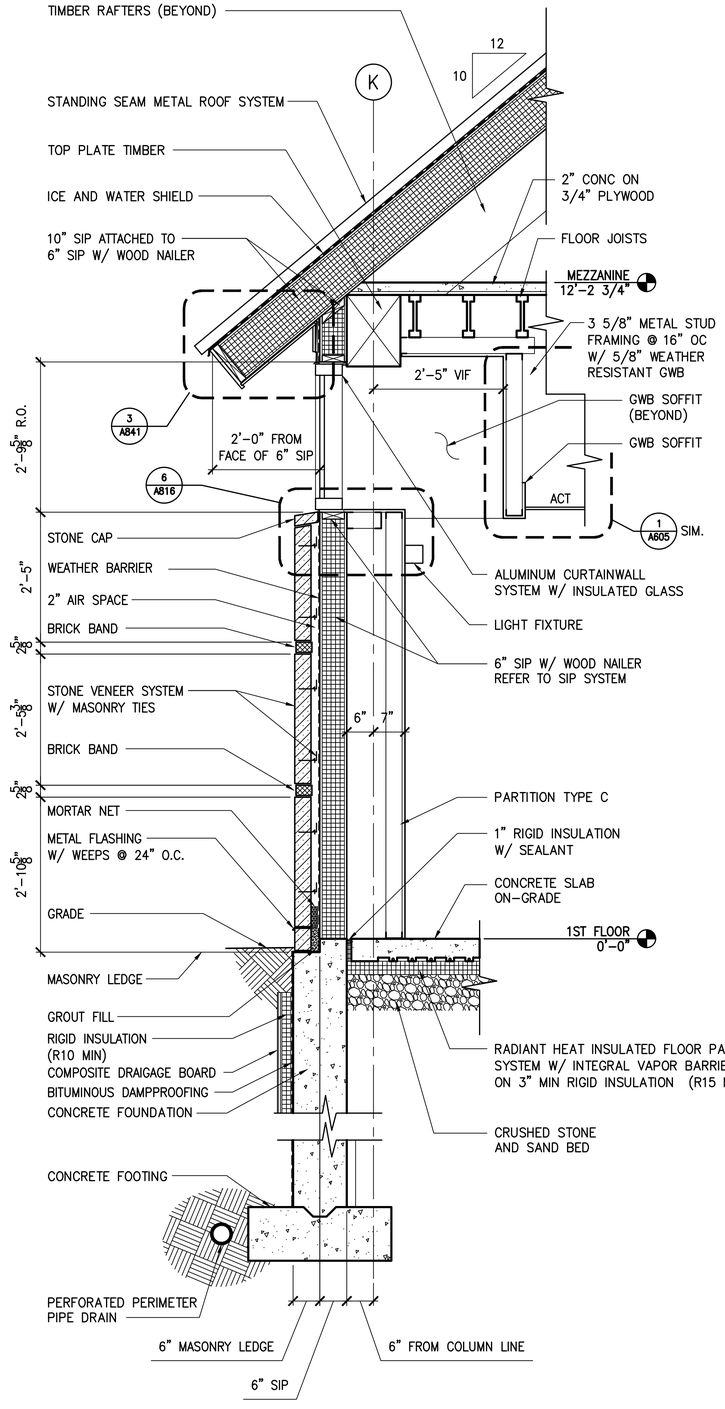
BUILDING SECTIONS III

SHEET NUMBER
A312

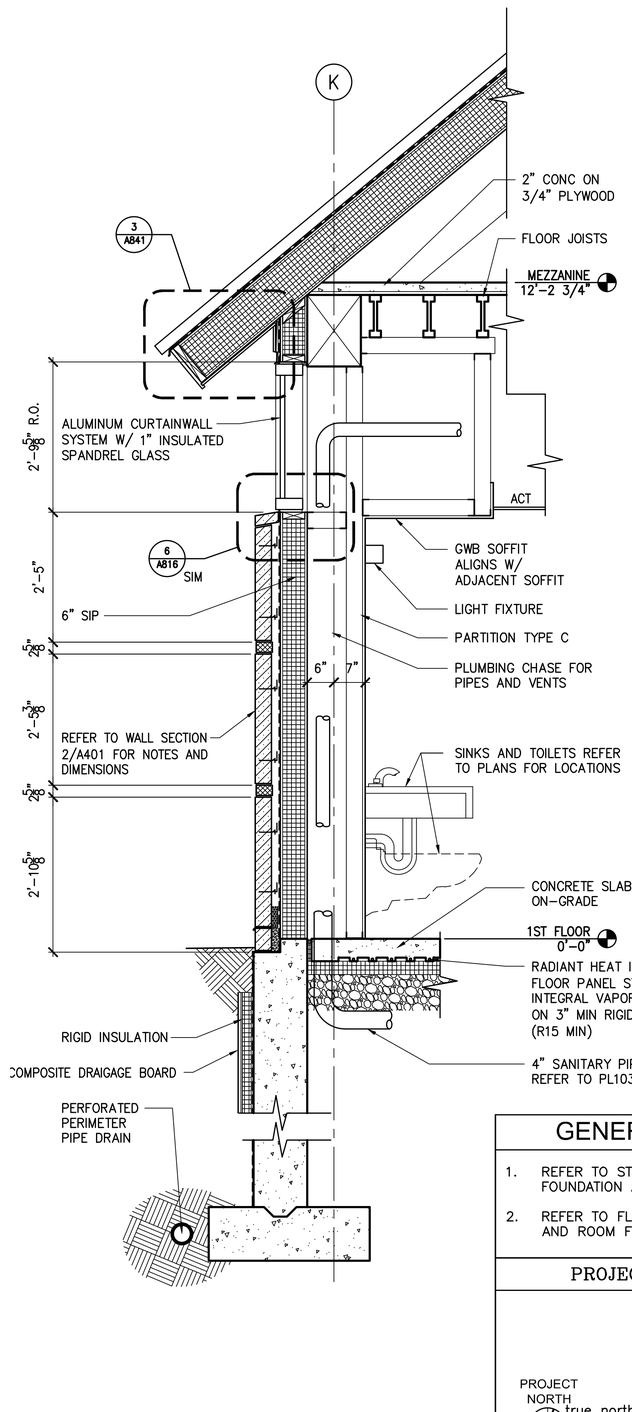
\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A312.dwg Jan 17, 2022 - 3:13pm



1 WALL SECTION
3/4"=1'-0"



2 WALL SECTION
3/4"=1'-0"

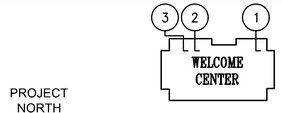


3 WALL SECTION
3/4"=1'-0"

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
2. REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED P.I.N. NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KATYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

SIGNATURE

ARCH. LIC. NUMBER ARC5292

DATE JANUARY 17, 2022

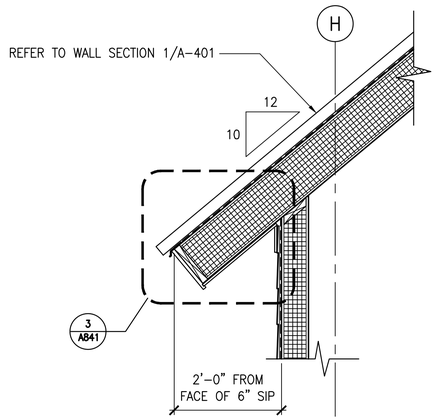
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

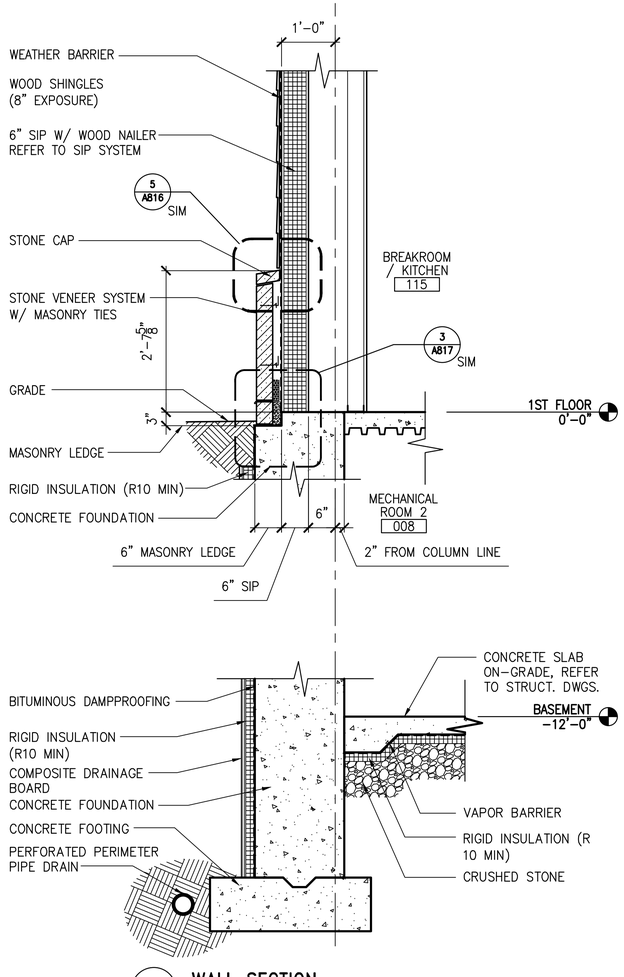
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

WALL SECTIONS I

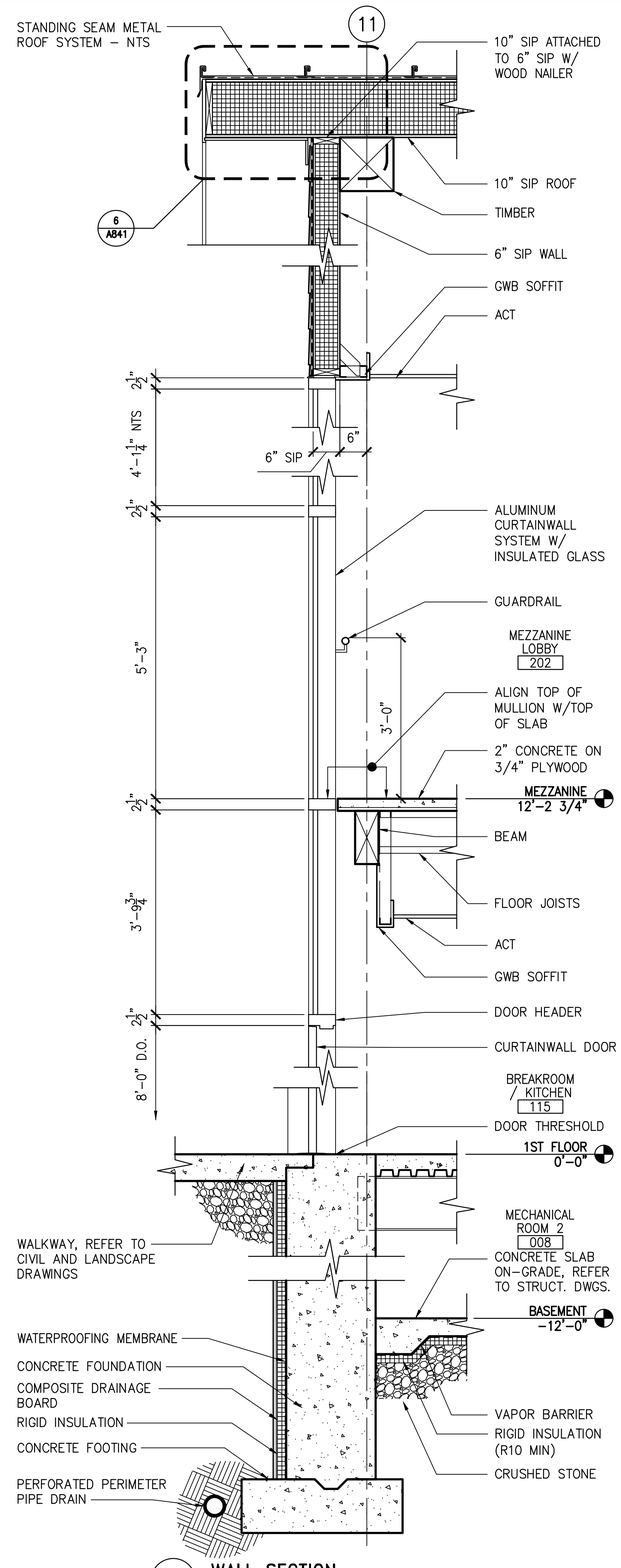
SHEET NUMBER
A401

\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A401.dwg Jan 19, 2022 - 10:50am





4 **WALL SECTION**
3/4"=1'-0"

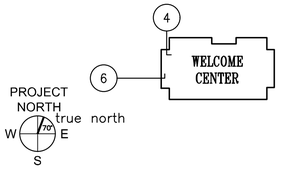


6 **WALL SECTION**
3/4"=1'-0"

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
2. REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE		

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIC. NUMBER	ARC5292
DATE	JANUARY 17, 2022

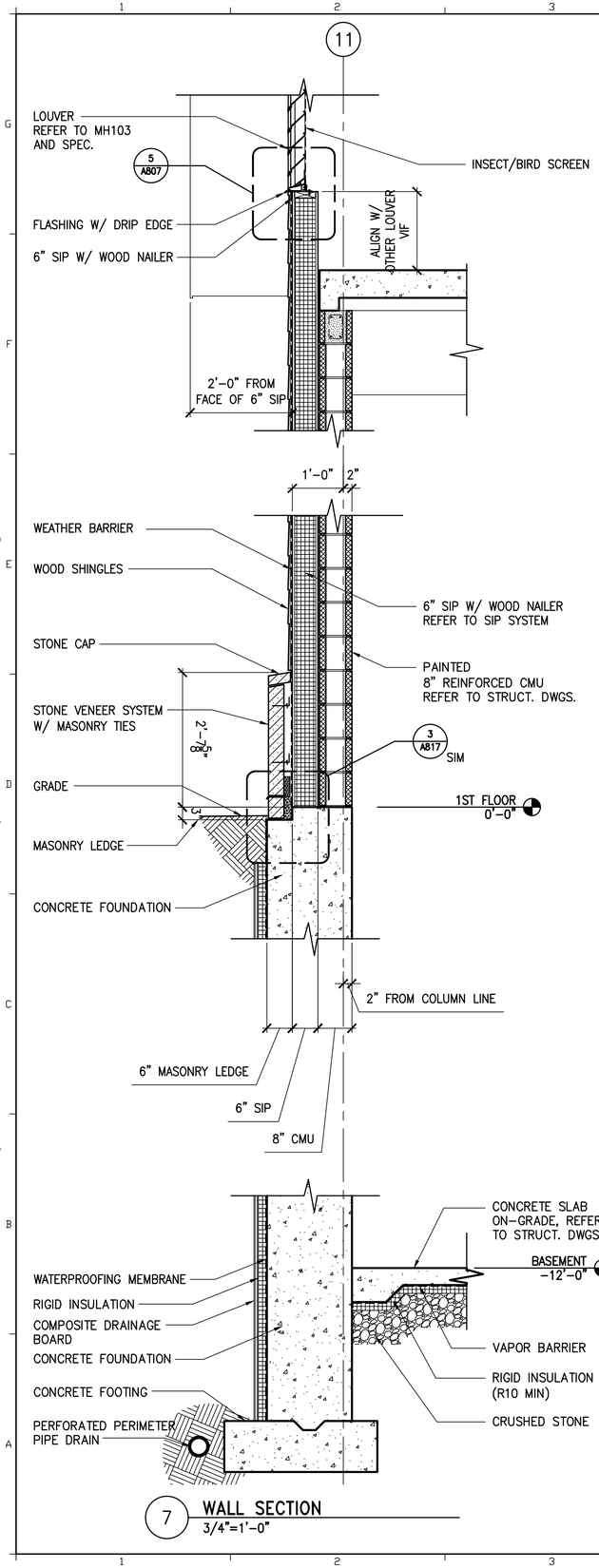
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

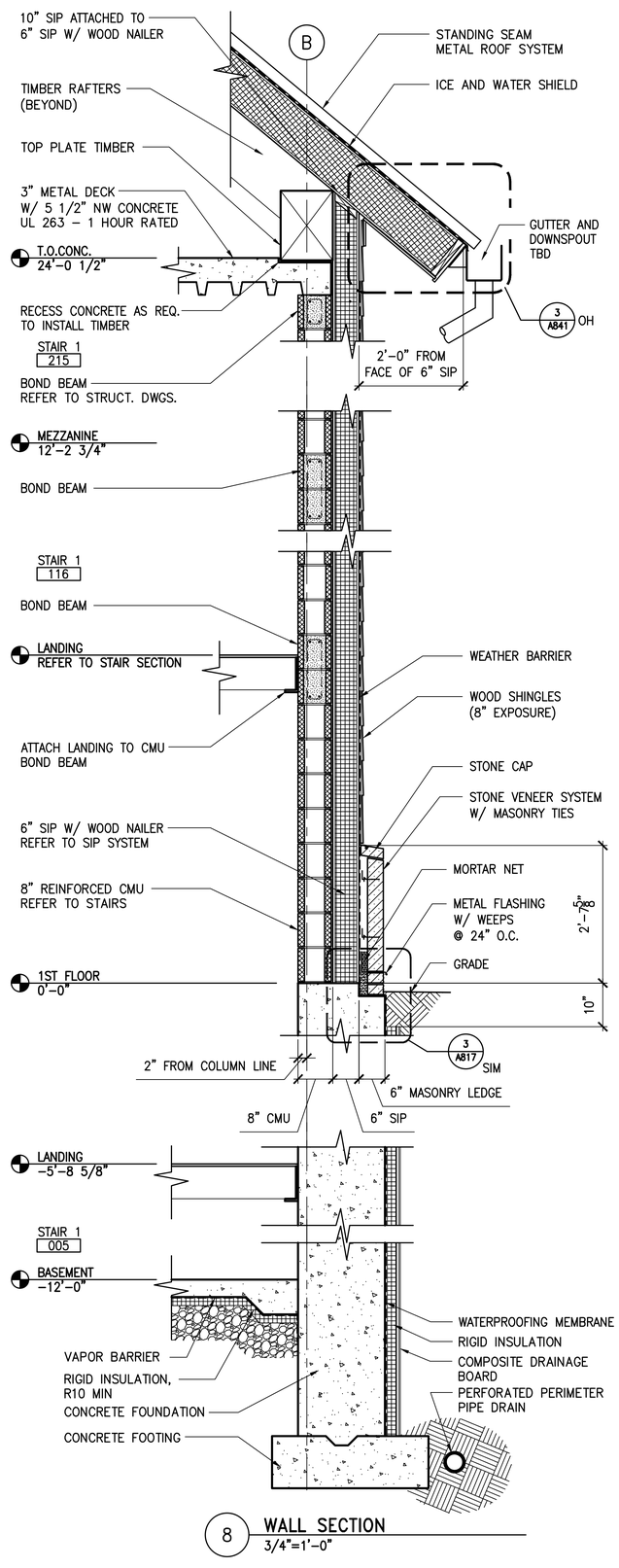
WALL SECTIONS II

SHEET NUMBER
A402

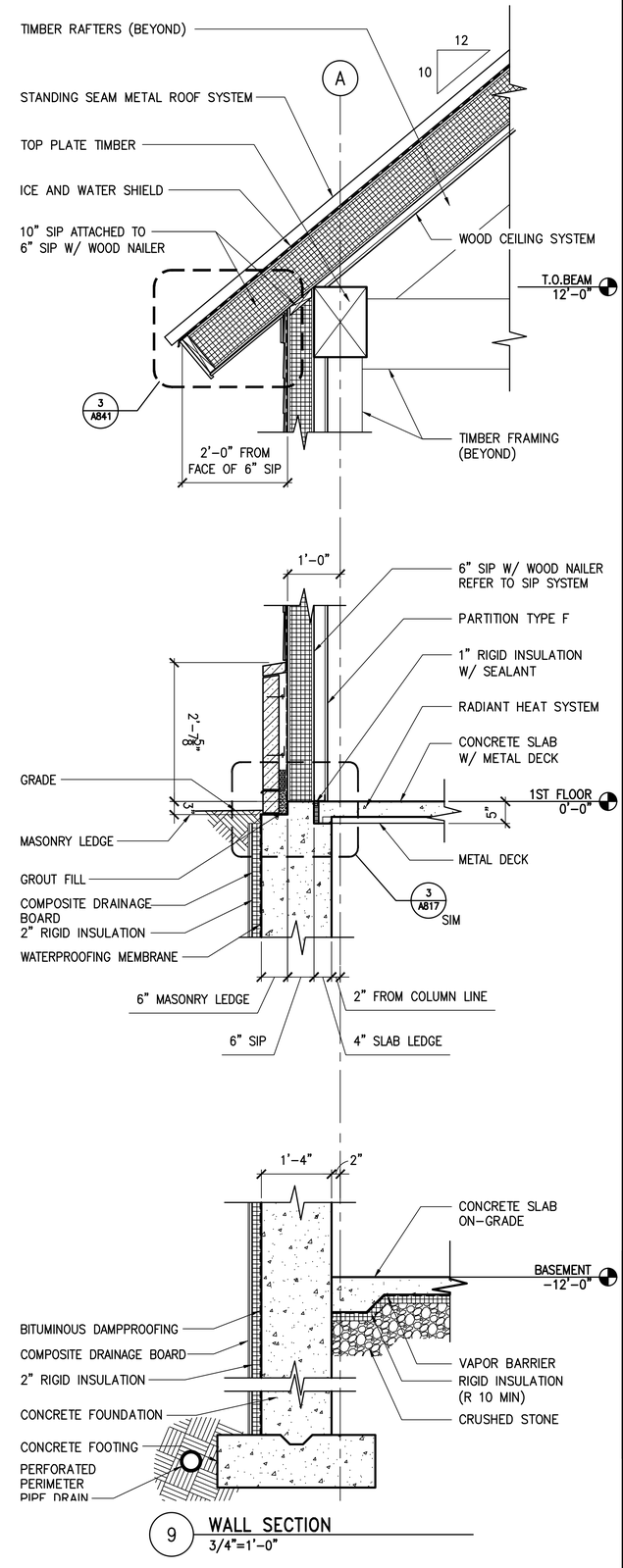
\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A402.dwg Jan 19, 2022 - 2:07pm



7 WALL SECTION
3/4"=1'-0"



8 WALL SECTION
3/4"=1'-0"

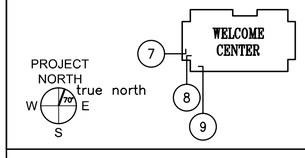


9 WALL SECTION
3/4"=1'-0"

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
2. REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE
ARCH. LIN. NUMBER
ARC5292
DATE JANUARY 17, 2022

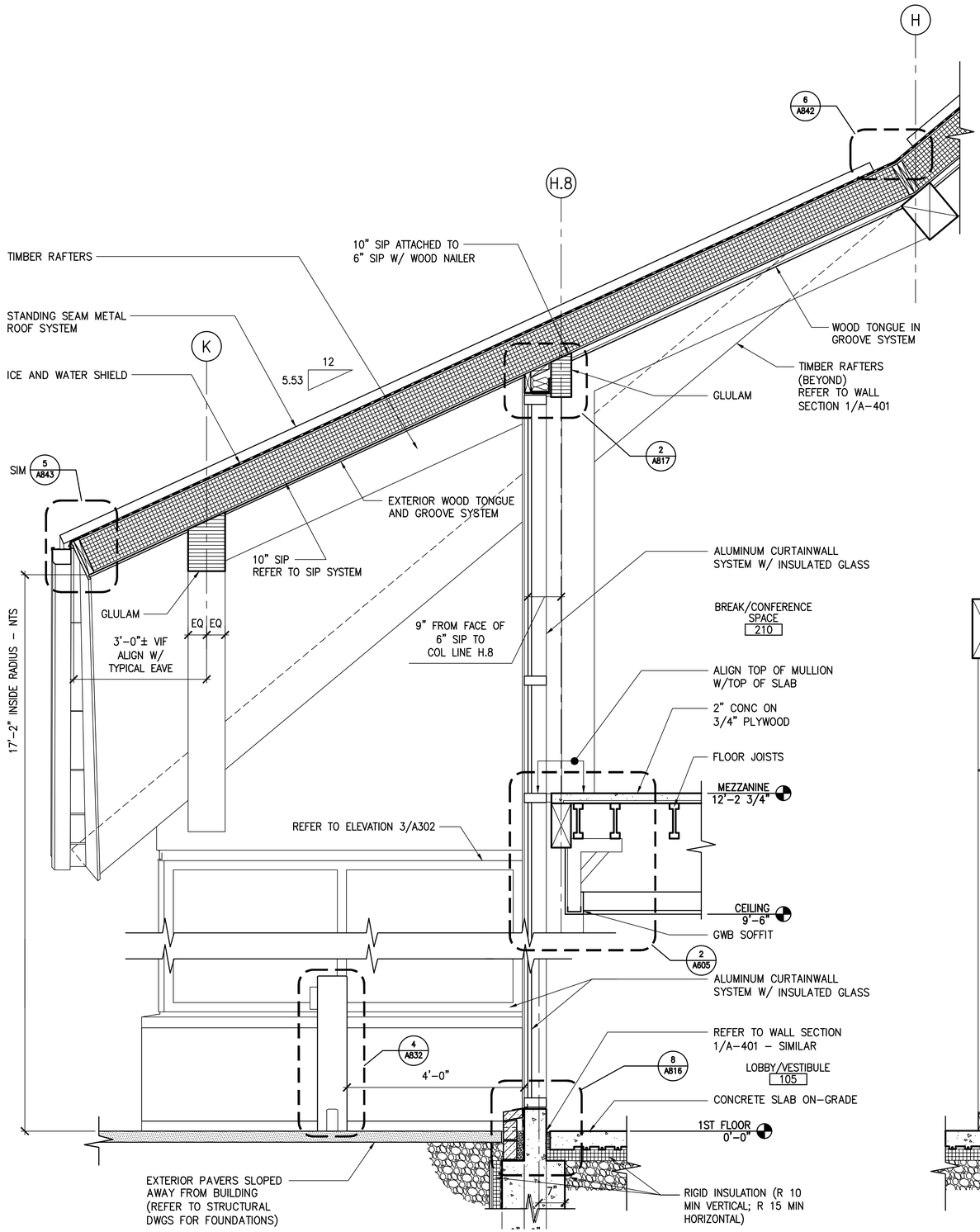
PROJECT INFORMATION		
PROGRAM	-	
PROJECT MANAGER	-	
DESIGNER	AECOM	
CONSULTANT	-	
PROJECT RESIDENT	-	
CONTRACTOR	-	
PROJECT COMPLETION DATE	-	

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

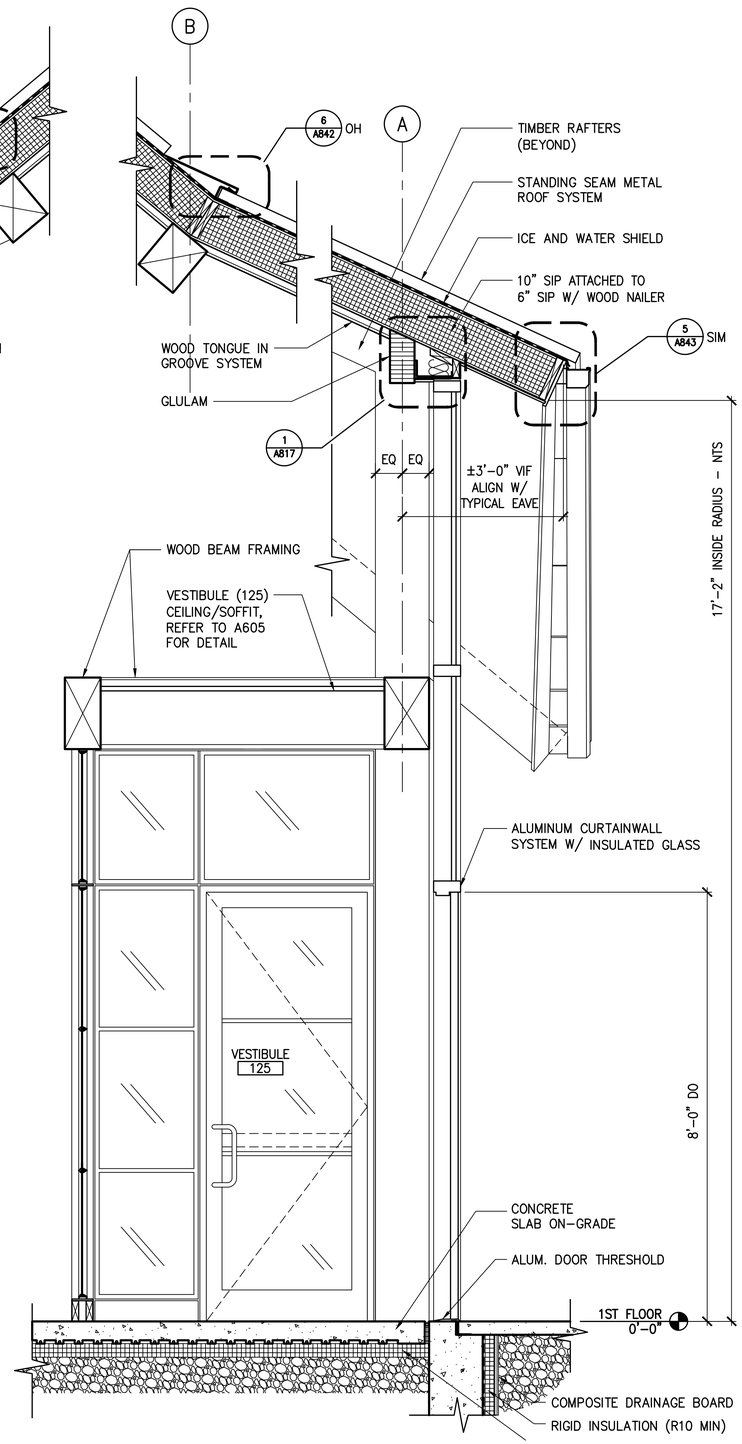
WALL SECTIONS III

SHEET NUMBER
A403

\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A403.dwg Jan 19, 2022 - 10:53am



10 WALL SECTION
3/4"=1'-0"

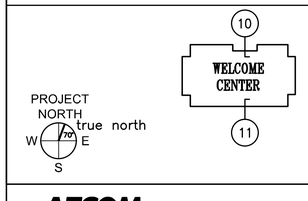


11 WALL SECTION
3/4"=1'-0"

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
2. REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

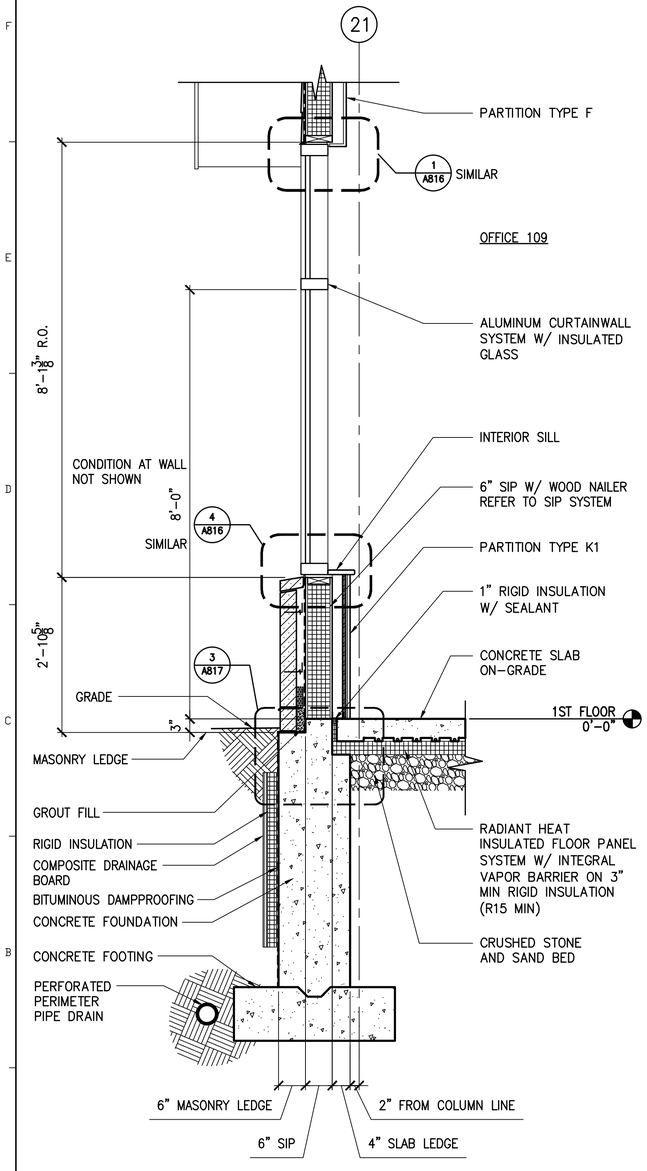
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

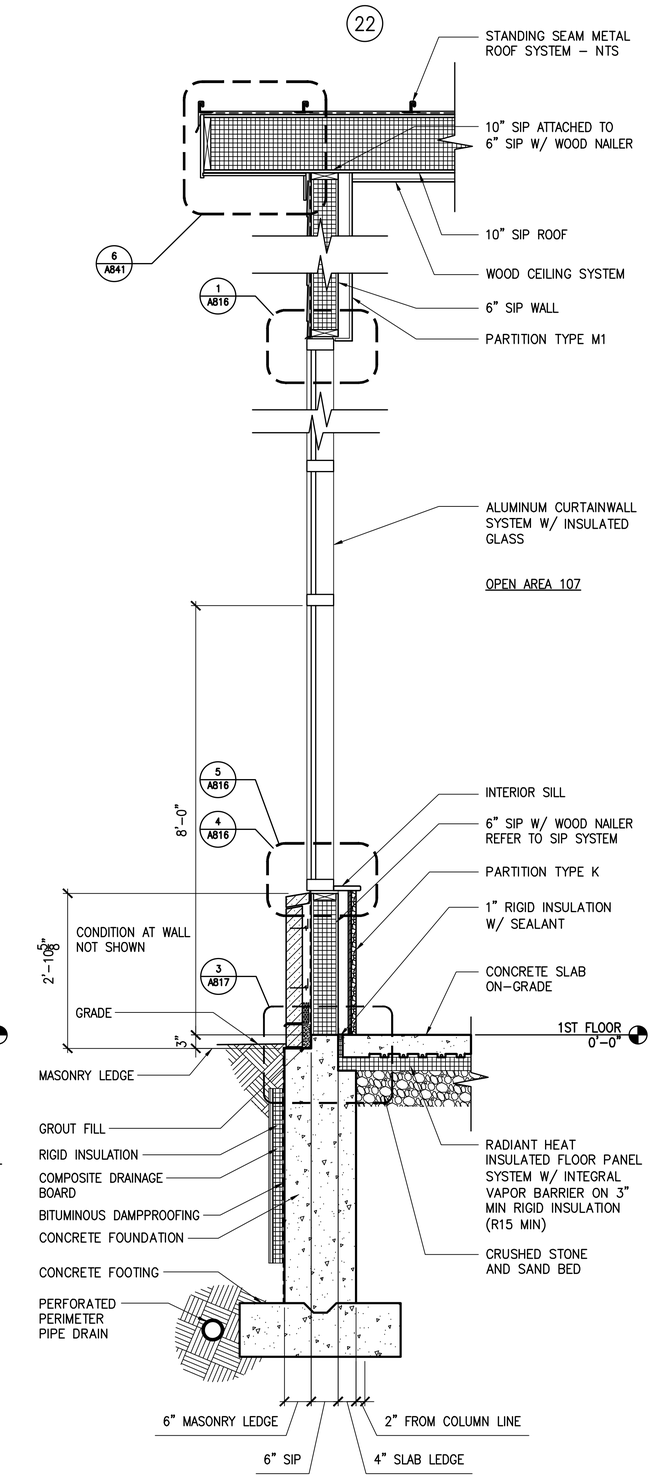
WALL SECTIONS IV

SHEET NUMBER
A404

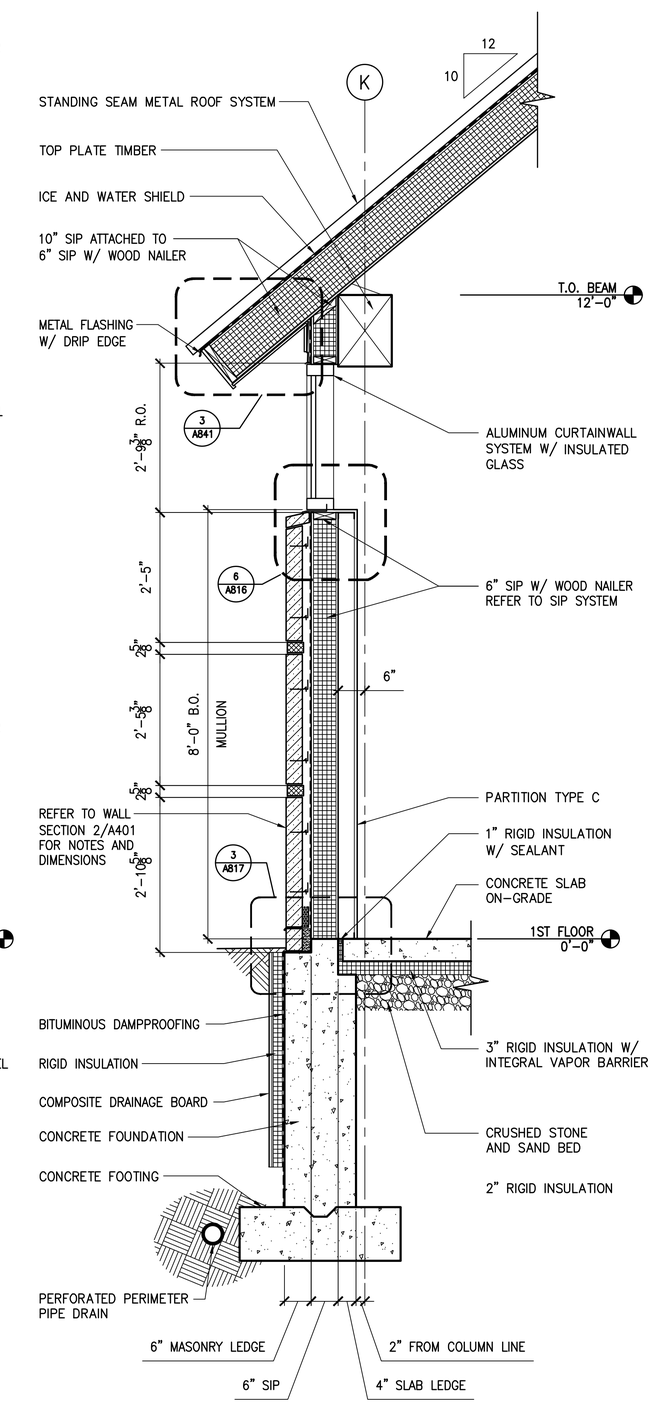
\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A404.dwg Jan 19, 2022 - 10:54am



12 PARTIAL WALL SECTION
3/4"=1'-0"



13 WALL SECTION
3/4"=1'-0"

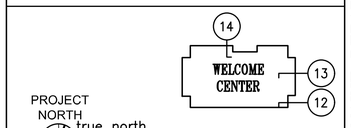


14 WALL SECTION
3/4"=1'-0"

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
2. REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIC. NUMBER	ARC5292
DATE	JANUARY 17, 2022

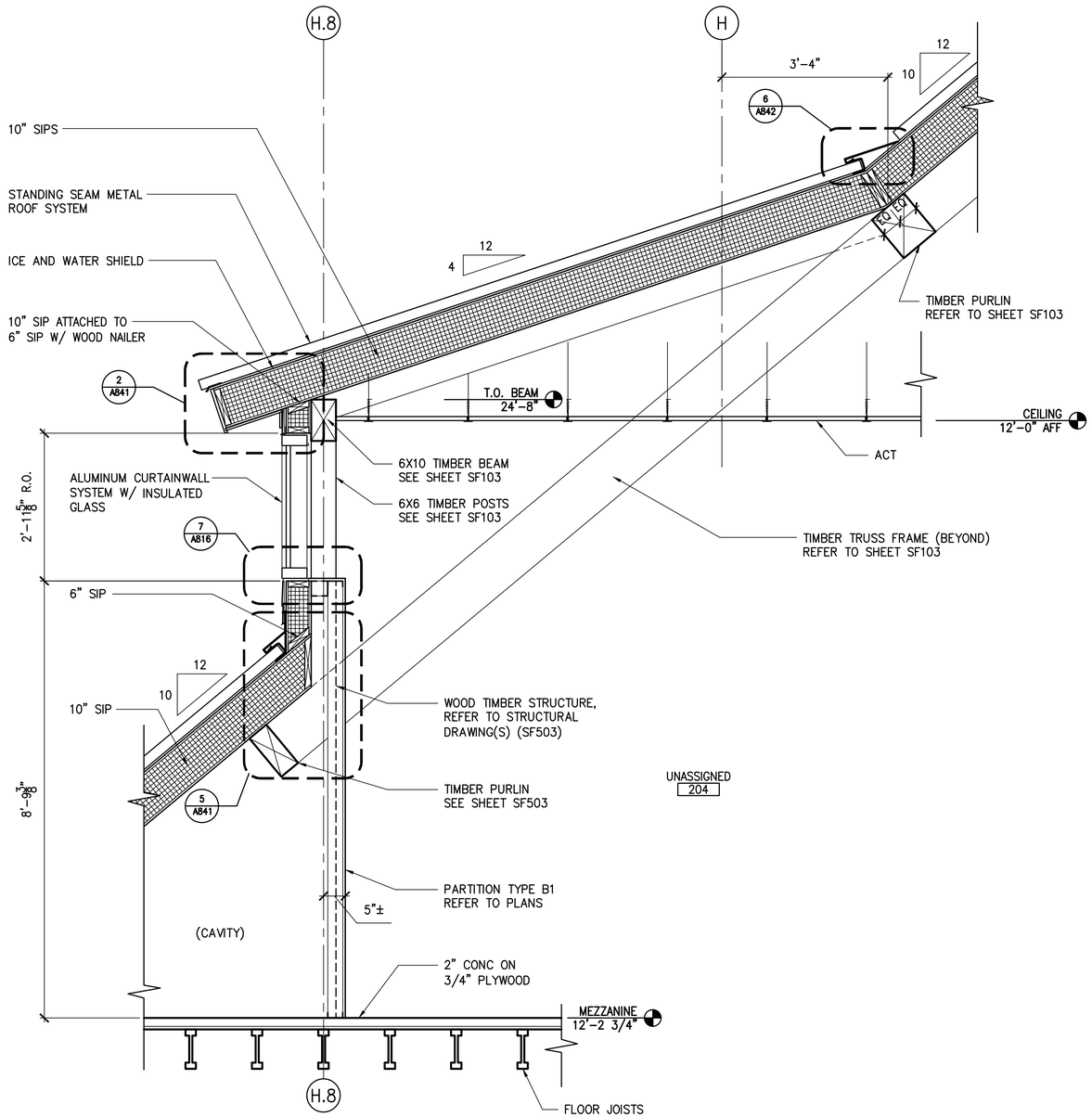
PROJECT INFORMATION	
PROGRAM	--
PROJECT MANAGER	--
DESIGNER	AECOM
CONSULTANT	--
PROJECT RESIDENT	--
CONTRACTOR	--
PROJECT COMPLETION DATE	--

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

WALL SECTIONS V

SHEET NUMBER
A405

\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A405.dwg Jan 19, 2022 - 10:54am

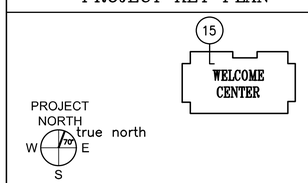


15 PARTIAL WALL SECTION
3/4"=1'-0"

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND PIERS.
2. REFER TO FLOOR FINISH DRAWINGS AND ROOM FINISH SCHEDULE.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIC. NUMBER	ARC5292
DATE	JANUARY 17, 2022

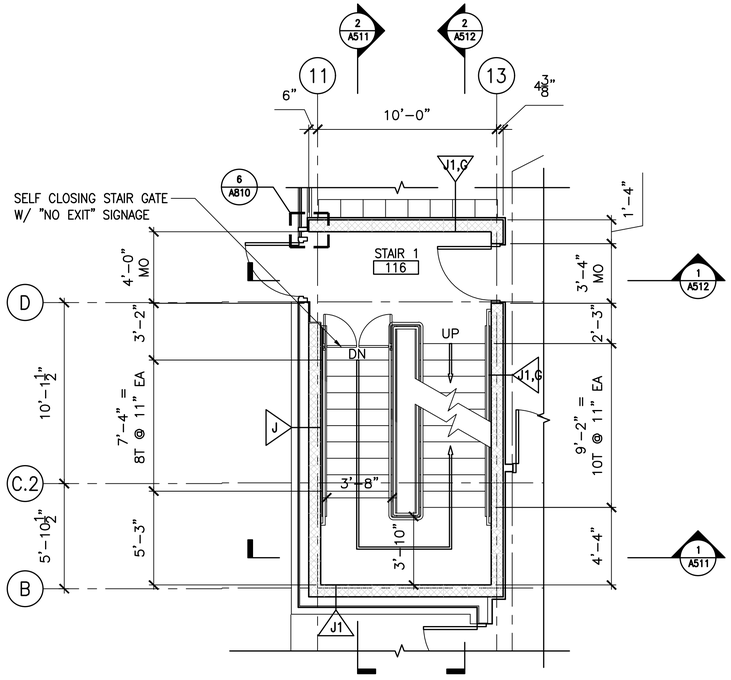
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

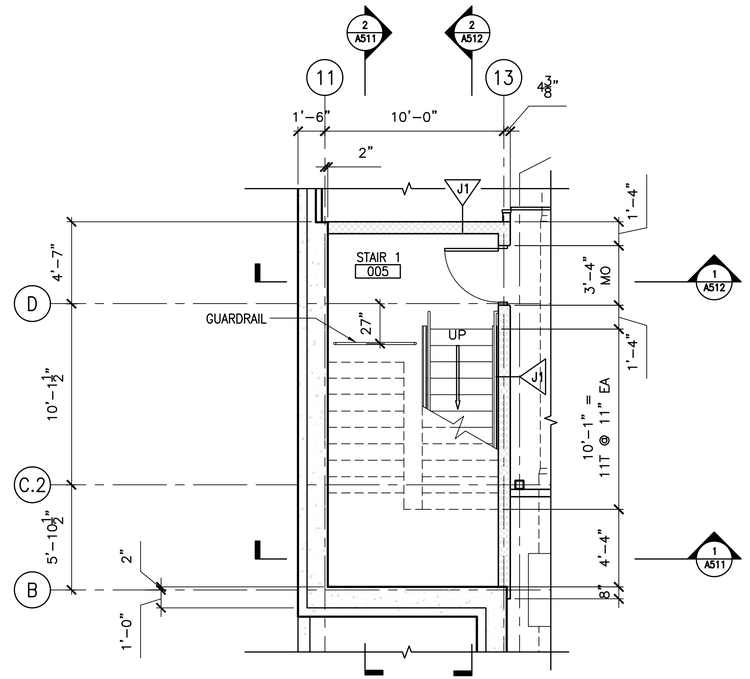
WALL SECTIONS VI

SHEET NUMBER
A406

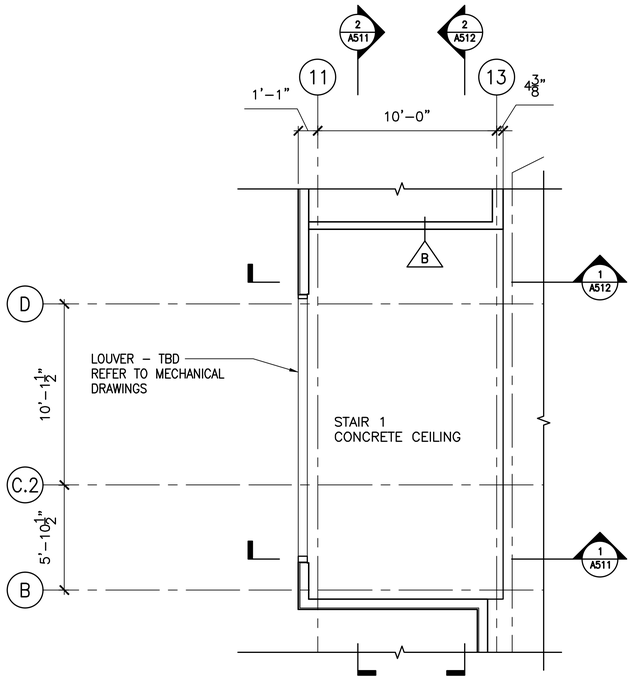
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A406.dwg Jan 19, 2022 - 10:51am



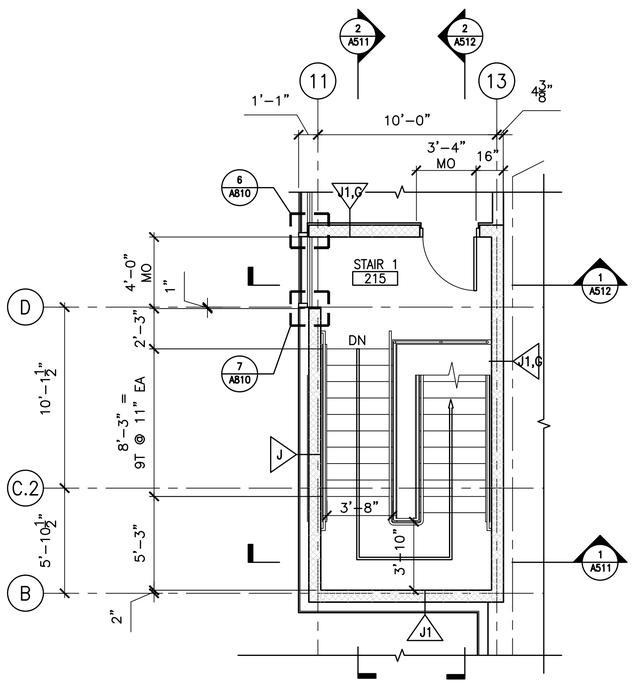
2 STAIR 1 – FIRST FLOOR PLAN
1/4"=1'-0"



1 STAIR 1 – BASEMENT PLAN
1/4"=1'-0"



4 STAIR 1 – ATTIC FLOOR PLAN
1/4"=1'-0"



3 STAIR 1 – MEZZANINE PLAN
1/4"=1'-0"

GENERAL NOTES

1. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

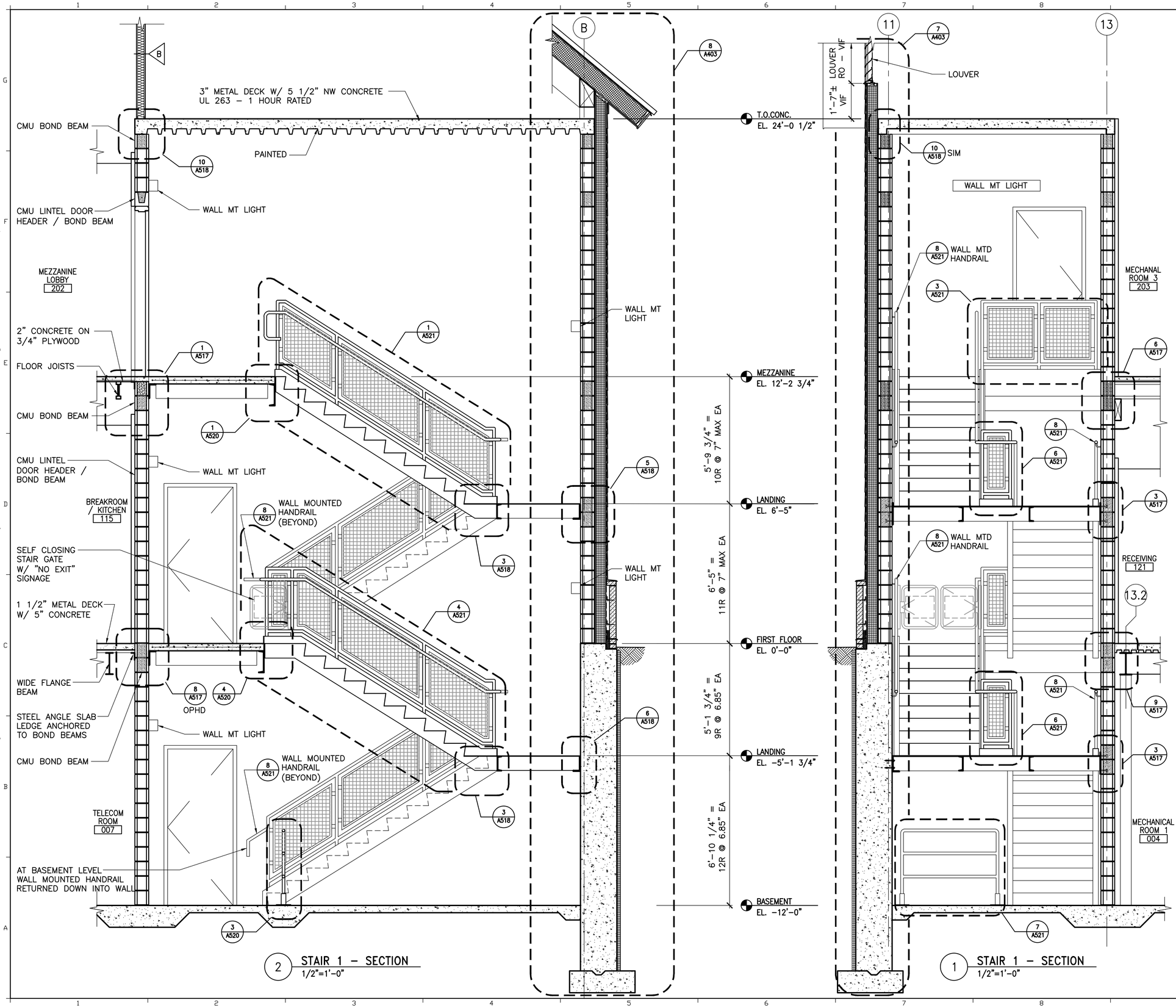
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STAIR 1 – FLOOR PLANS

SHEET NUMBER
A510

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A510.dwg Jan 17, 2022 - 3:18pm



2 STAIR 1 – SECTION
1/2"=1'-0"

1 STAIR 1 – SECTION
1/2"=1'-0"

SECTION KEY NOTES

GENERAL NOTES

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

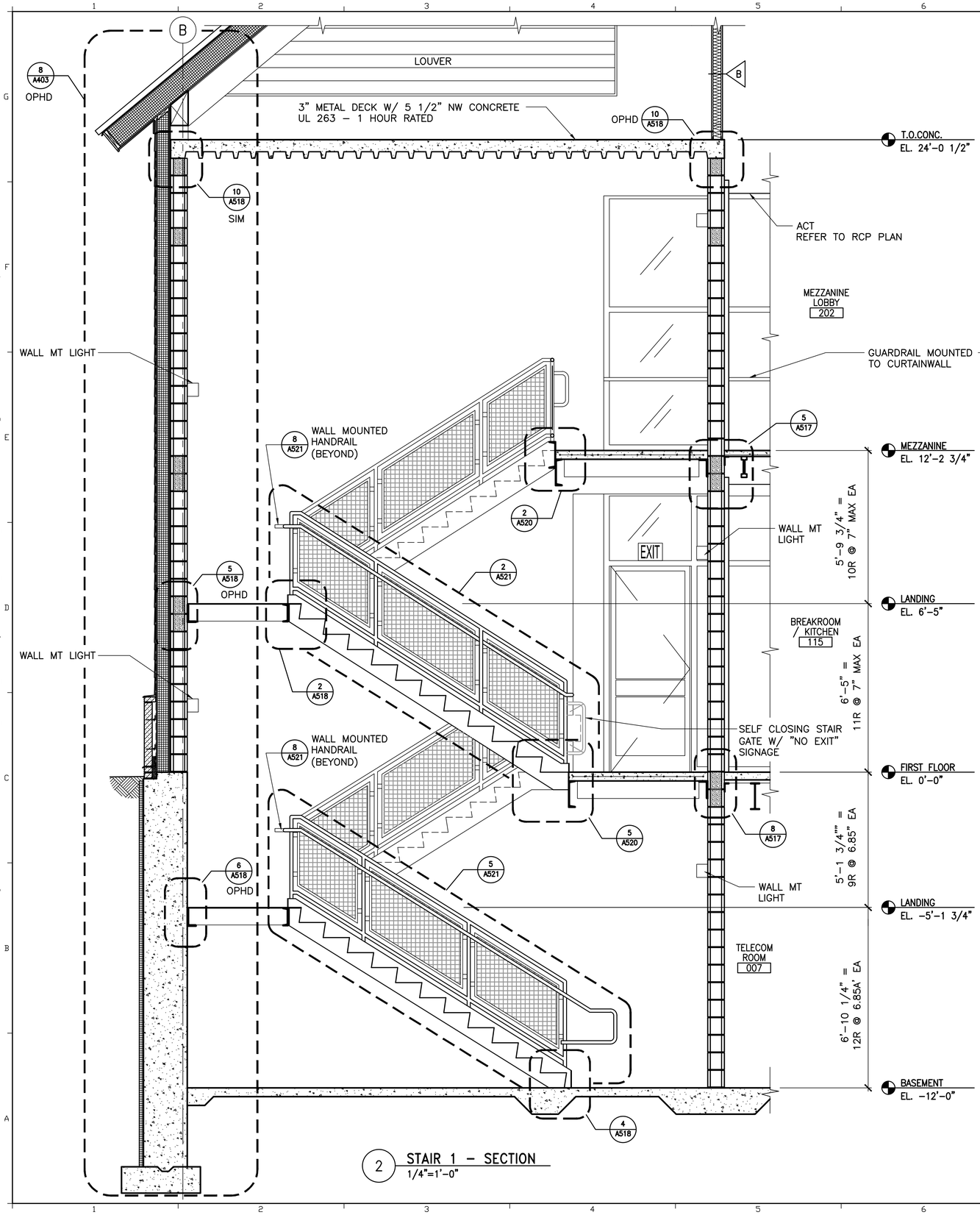
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STAIR 1 – SECTIONS I

SHEET NUMBER
A511

\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A511.dwg Jan 17, 2022 - 3:19pm



SECTION KEY NOTES

GENERAL NOTES

1. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

SIGNATURE

ARCH. LIC. NUMBER ARC5292

DATE JANUARY 17, 2022

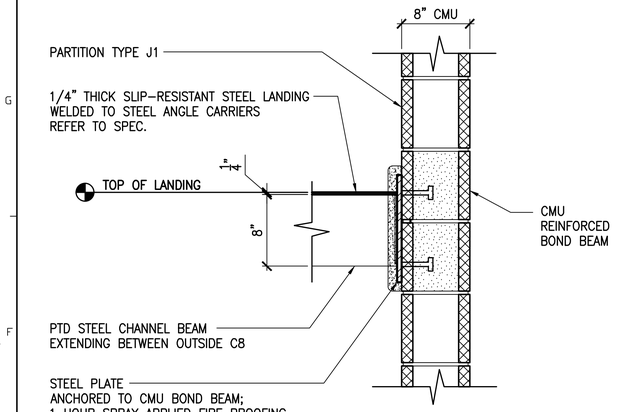
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

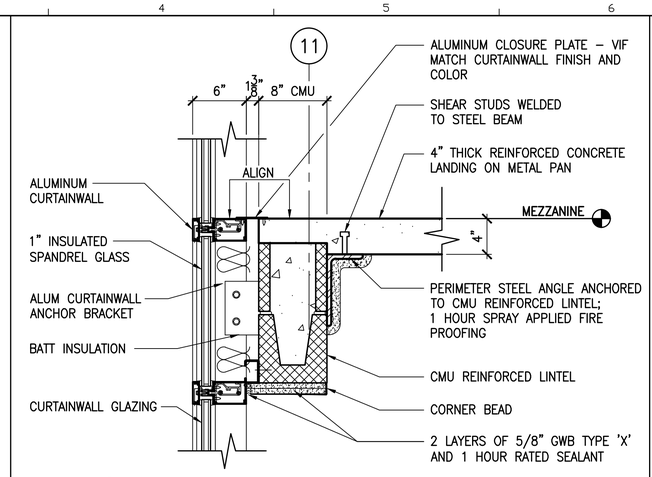
STAIR 1 – SECTIONS II

SHEET NUMBER
A512

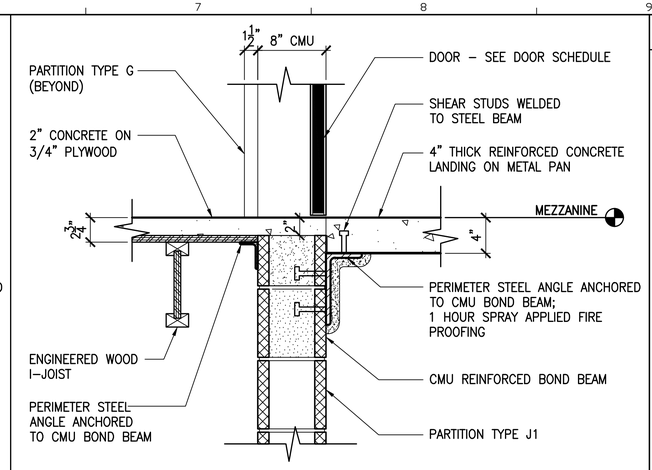
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A512.dwg Jan 17, 2022 - 3:19pm



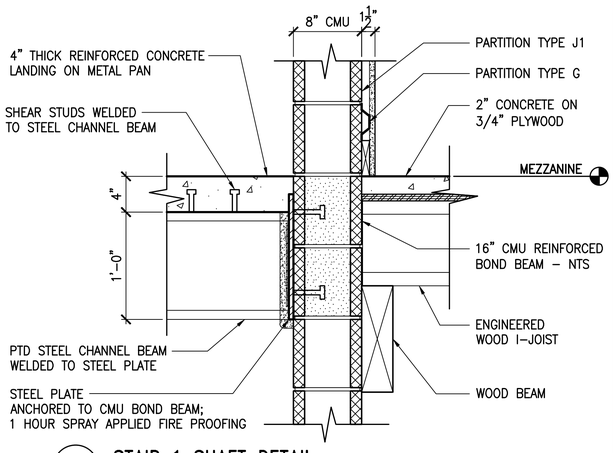
3 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



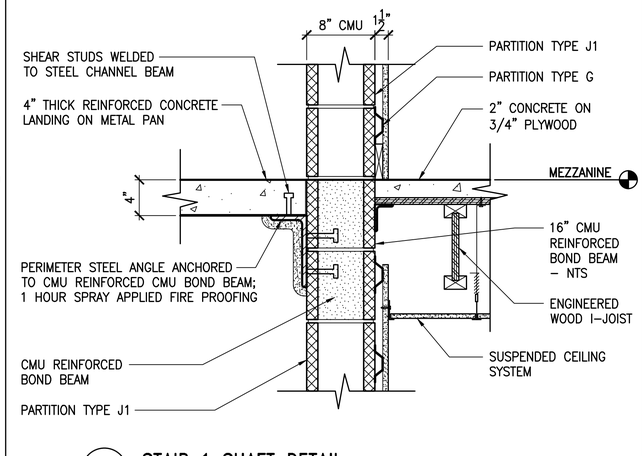
2 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



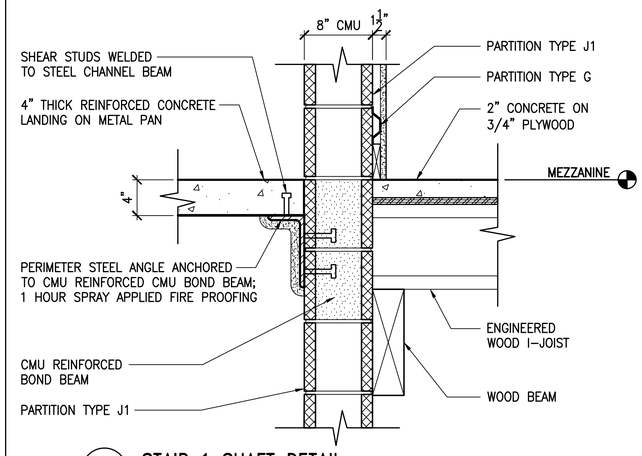
1 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



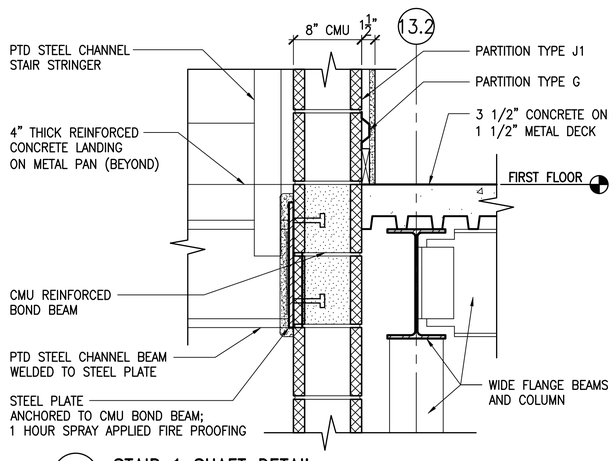
6 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



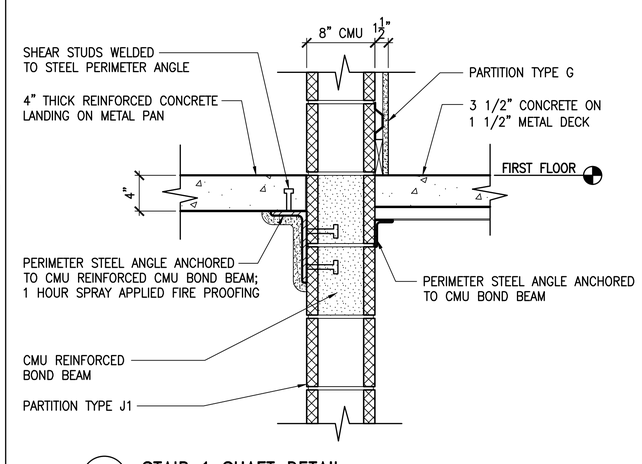
5 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



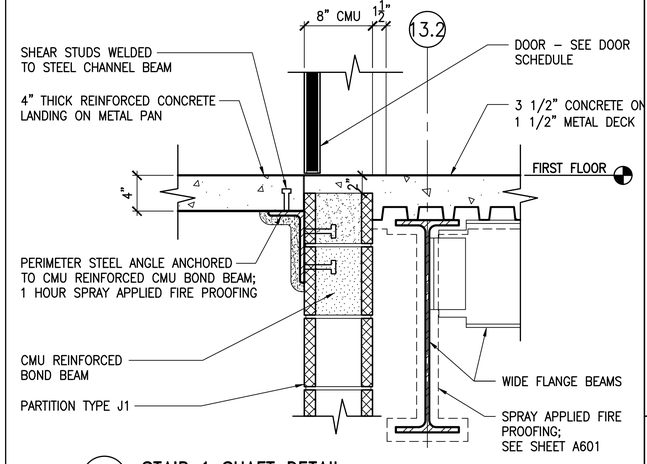
4 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



9 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



8 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



7 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"

GENERAL NOTES

1. ALL STAIR STRINGERS, CHANNELS, ANGLES, CARRIERS, GUARDRAILS AND MISCELLANEOUS STEEL SHALL BE PAINTED STEEL U.O.N.
2. ALL TREADS TO BE STEEL SLIP-RESISTANT PRE-FINISHED TREADS.
3. ALL HANDRAILS SHALL BE STAINLESS STEEL (SST) W/ PAINTED STEEL BRACKETS. PROVIDE CORROSION RESISTANT GASKET BETWEEN DIFFERENT ALLOYS, AS REQUIRED.
4. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE
FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

INFORMATION			
PROJECT		SIGNATURE	DATE
PROGRAM	-	-	-
PROJECT MANAGER	-	-	-
DESIGNER	AECOM	ARCH. LIN. NUMBER	JANUARY 17, 2022
CONSULTANT	-	-	-
PROJECT RESIDENT	-	-	-
CONTRACTOR	-	-	-
PROJECT COMPLETION DATE	-	-	-

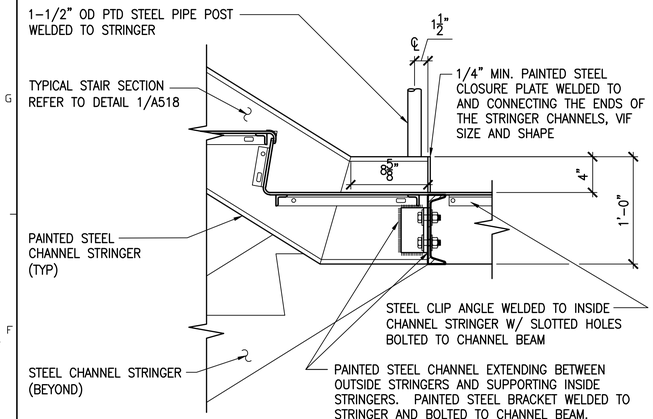
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STAIR 1 - SHAFT DETAILS

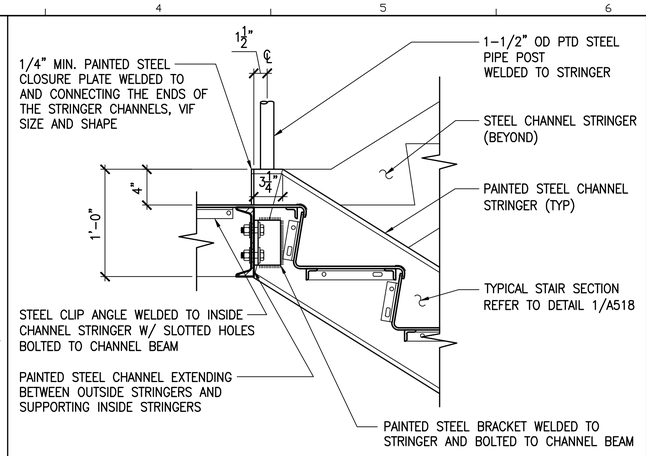
SHEET NUMBER
A517

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

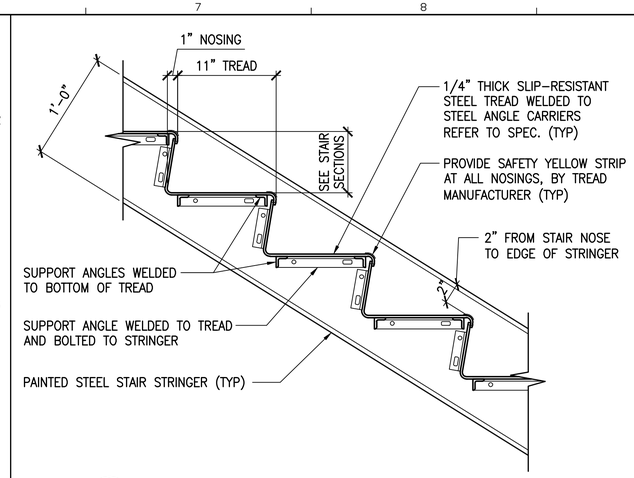
\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A517.dwg Jan 17, 2022 - 3:20pm



3 SECTION AT INTERMEDIATE LANDING
1 1/2"=1'-0"



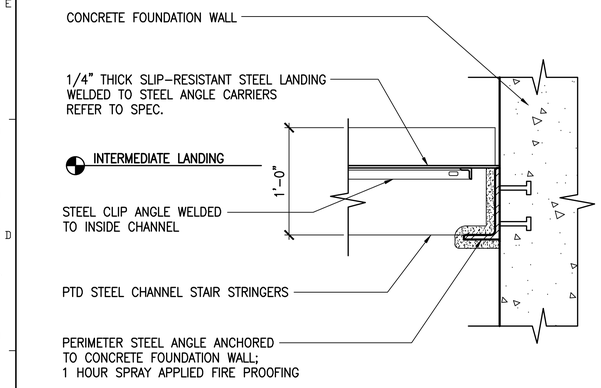
2 SECTION AT INTERMEDIATE LANDING
1 1/2"=1'-0"



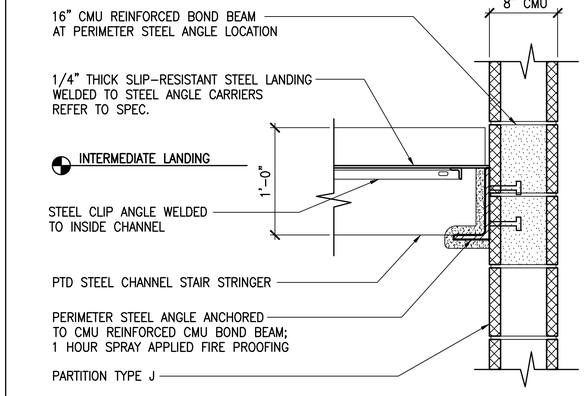
1 TYPICAL STAIR SECTION
1 1/2"=1'-0"

GENERAL NOTES

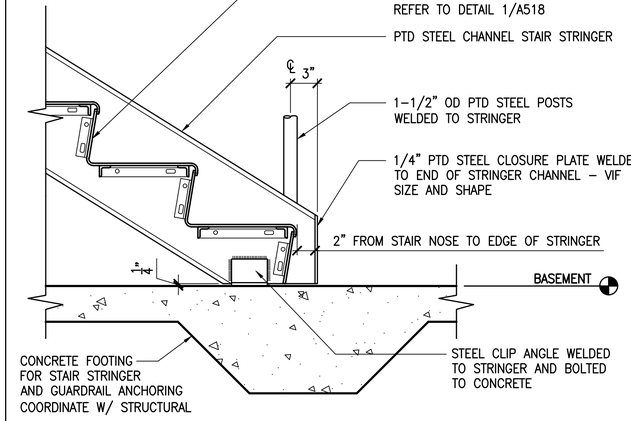
1. ALL STAIR STRINGERS, CHANNELS, ANGLES, CARRIERS, GUARDRAILS AND MISCELLANEOUS STEEL SHALL BE PAINTED STEEL U.O.N.
2. ALL TREADS TO BE STEEL SLIP-RESISTANT PRE-FINISHED TREADS.
3. ALL HANDRAILS SHALL BE STAINLESS STEEL (SST) W/ PAINTED STEEL BRACKETS. PROVIDE CORROSION RESISTANT GASKET BETWEEN DIFFERENT ALLOYS, AS REQUIRED.
4. REFER TO A830 & A831 FOR ALL PARTITION TYPES.



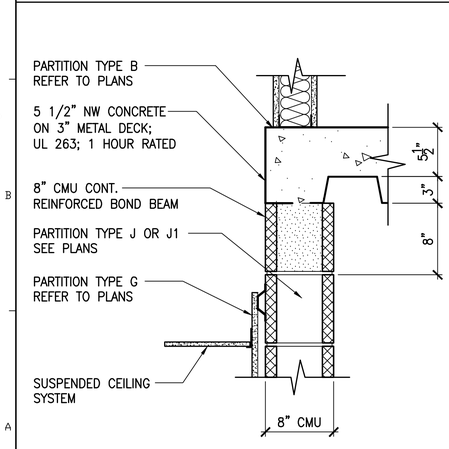
6 SECTION AT INTERMEDIATE LANDING
1 1/2"=1'-0"



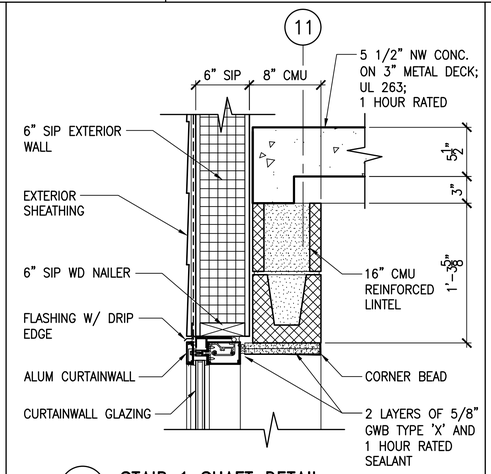
5 SECTION AT INTERMEDIATE LANDING
1 1/2"=1'-0"



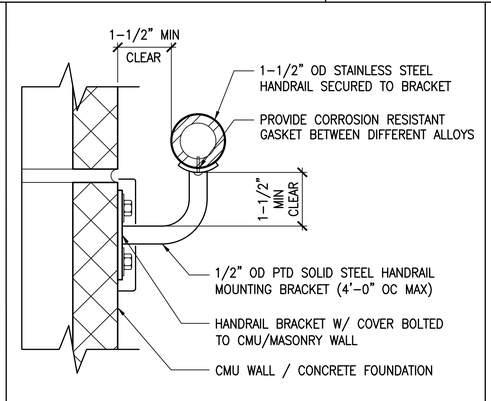
4 SECTION AT STRINGER ATTACHMENT TO LEVEL
1 1/2"=1'-0"



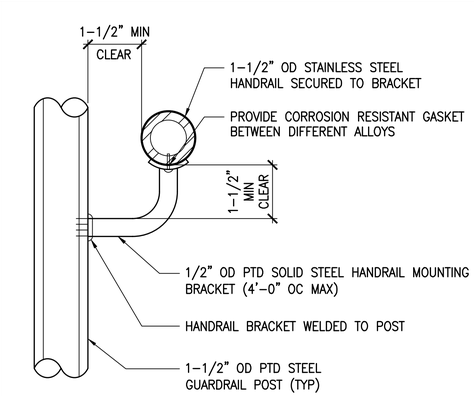
10 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



9 STAIR 1 SHAFT DETAIL
1 1/2"=1'-0"



8 TYPICAL HANDRAIL DETAIL AT CMU WALL
6"=1'-0"



7 TYPICAL HANDRAIL DETAIL AT GUARDRAIL
6"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

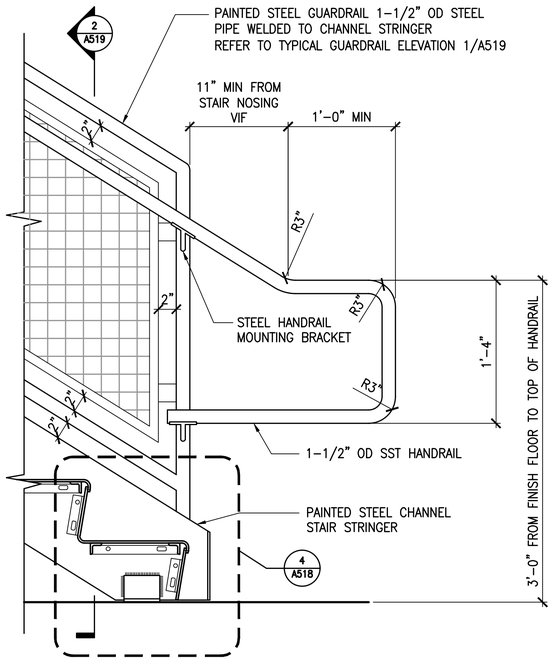
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

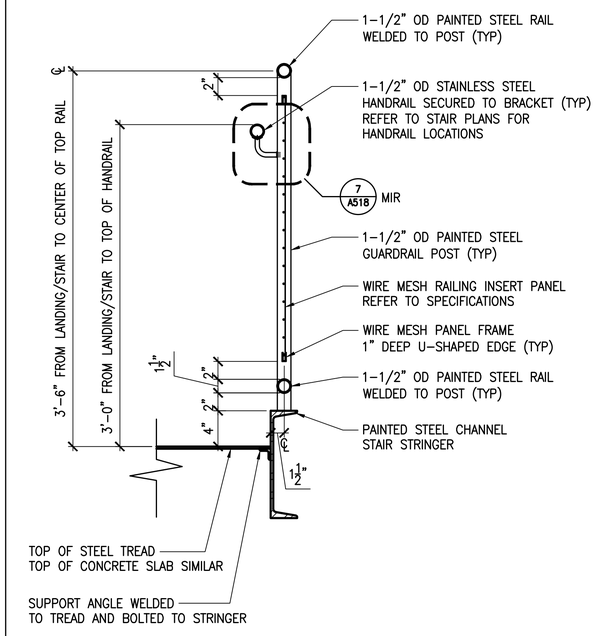
STAIR 1 - DETAILS I

SHEET NUMBER
A518

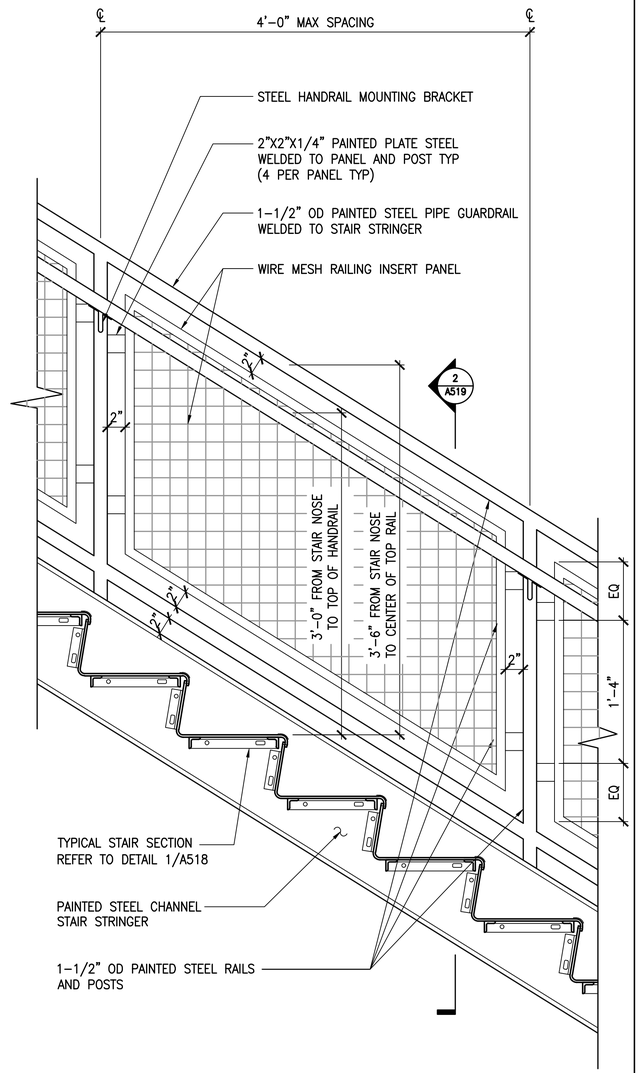
\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\900_CAD\Sheet\A518.dwg Jan 17, 2022 - 3:20pm



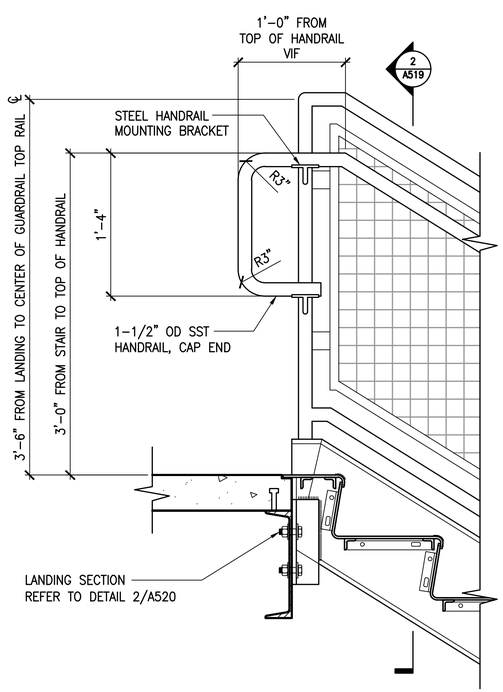
3 SECTION AT BASEMENT HANDRAIL
1 1/2"=1'–0"



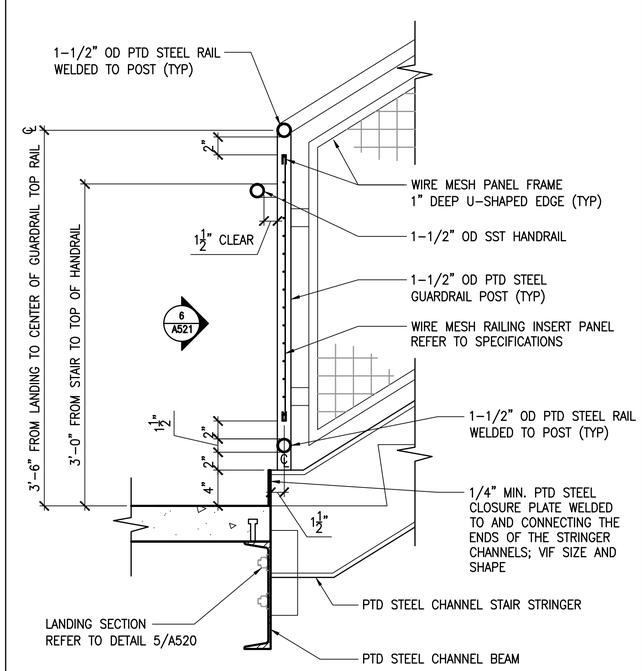
2 SECTION AT GUARDRAIL
1 1/2"=1'–0"



1 TYPICAL GUARDRAIL ELEVATION
1 1/2"=1'–0"



5 SECTION AT GUARDRAIL
1 1/2"=1'–0"



4 SECTION AT GUARDRAIL
1 1/2"=1'–0"

GENERAL NOTES

1. ALL STAIR STRINGERS, CHANNELS, ANGLES, CARRIERS, GUARDRAILS AND MISCELLANEOUS STEEL SHALL BE PAINTED STEEL U.O.N.
2. ALL TREADS TO BE STEEL SLIP–RESISTANT PRE–FINISHED TREADS.
3. ALL HANDRAILS SHALL BE STAINLESS STEEL (SST) W/ PAINTED STEEL BRACKETS. PROVIDE CORROSION RESISTANT GASKET BETWEEN DIFFERENT ALLOYS, AS REQUIRED.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

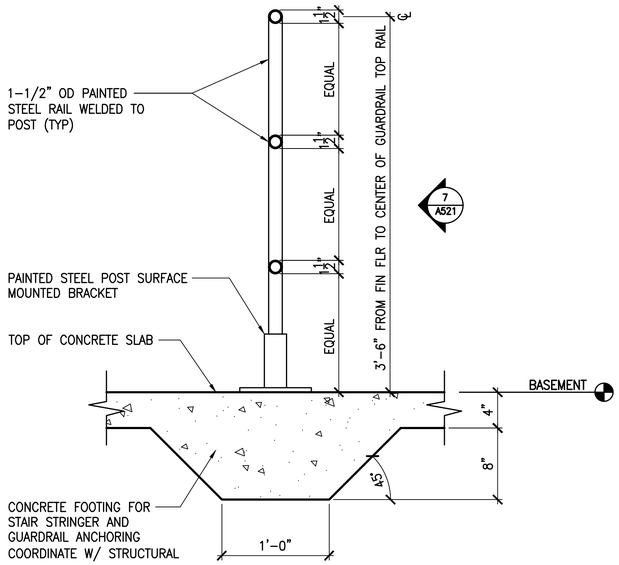
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

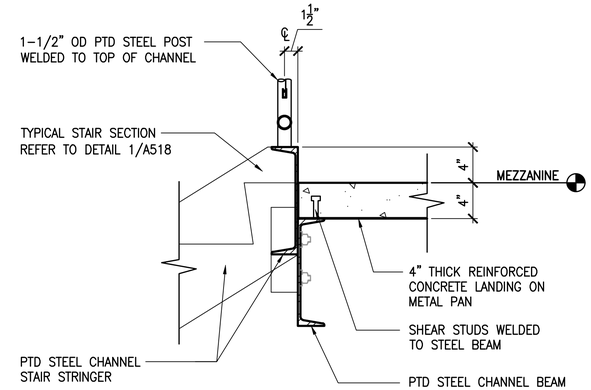
STAIR 1 – DETAILS II

SHEET NUMBER
A519

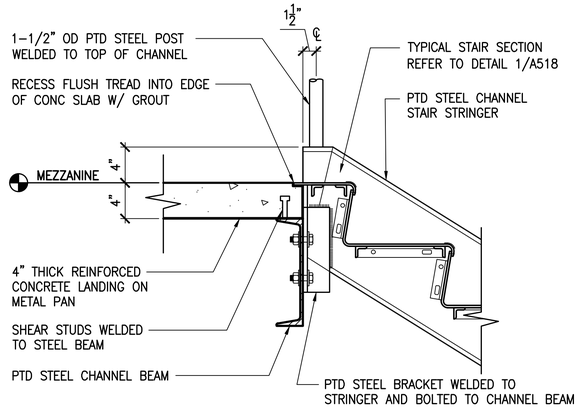
\\na.aecomnet.com\ifs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A519.dwg Jan 17, 2022 - 3:21pm



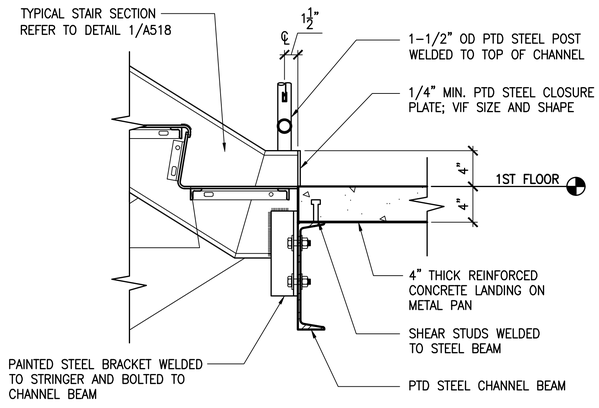
3 TOP MOUNTED GUARDRAIL SECTION
1 1/2"=1'–0"



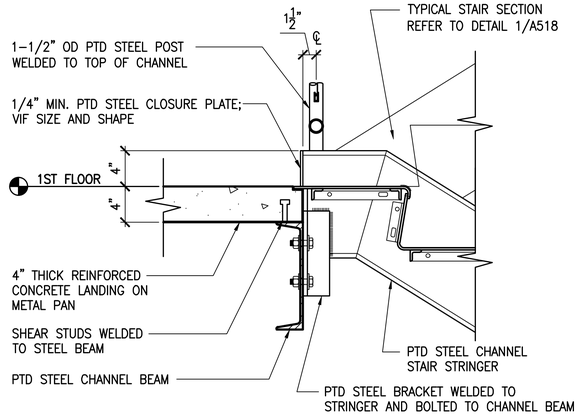
2 LANDING SECTION
1 1/2"=1'–0"



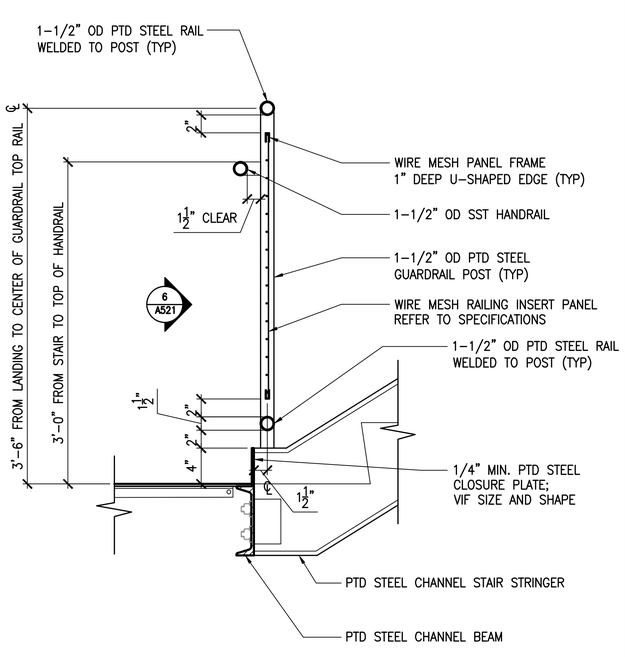
1 LANDING SECTION
1 1/2"=1'–0"



5 LANDING SECTION
1 1/2"=1'–0"



4 LANDING SECTION
1 1/2"=1'–0"



6 SECTION AT GUARDRAIL
1 1/2"=1'–0"

GENERAL NOTES

1. ALL STAIR STRINGERS, CHANNELS, ANGLES, CARRIERS, GUARDRAILS AND MISCELLANEOUS STEEL SHALL BE PAINTED STEEL U.O.N.
2. ALL TREADS TO BE STEEL SLIP–RESISTANT PRE–FINISHED TREADS.
3. ALL HANDRAILS SHALL BE STAINLESS STEEL (SST) W/ PAINTED STEEL BRACKETS. PROVIDE CORROSION RESISTANT GASKET BETWEEN DIFFERENT ALLOYS, AS REQUIRED.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO: NA	
WIN NO: 017163.02 & 017163.03	

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE	
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

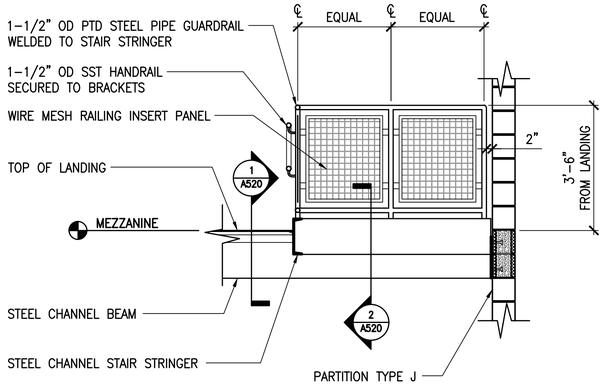
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STAIR 1 – DETAILS III

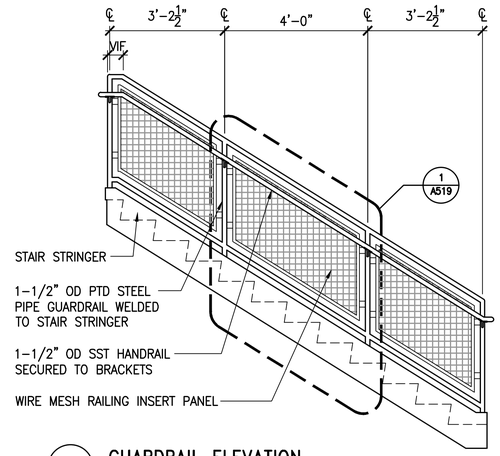
SHEET NUMBER
A520

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

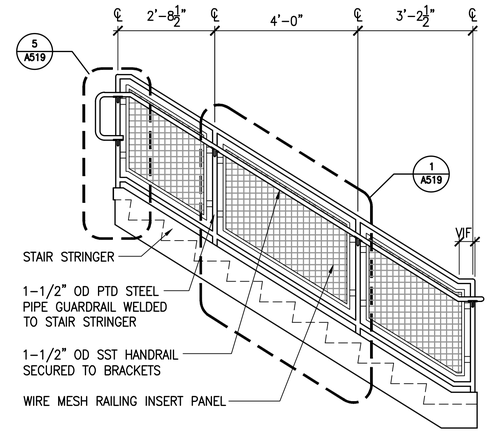
\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A520.dwg Jan 17, 2022 - 3:21pm



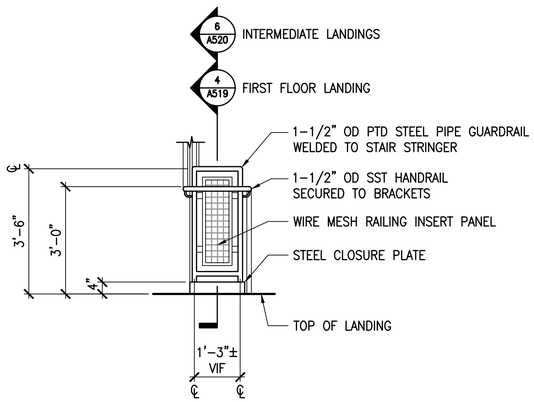
3 GUARDRAIL ELEVATION
1/2"=1'-0"



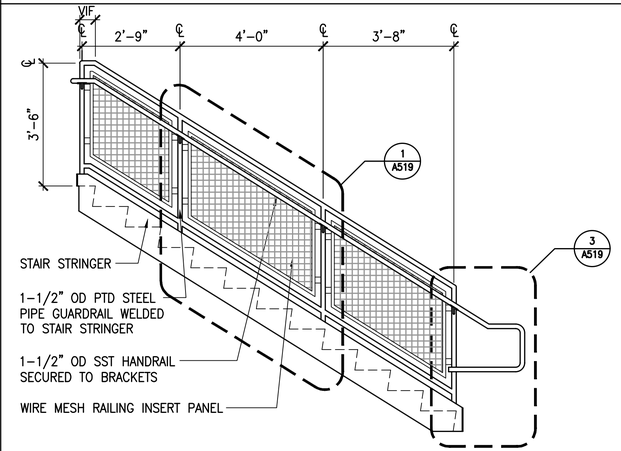
2 GUARDRAIL ELEVATION
1/2"=1'-0"



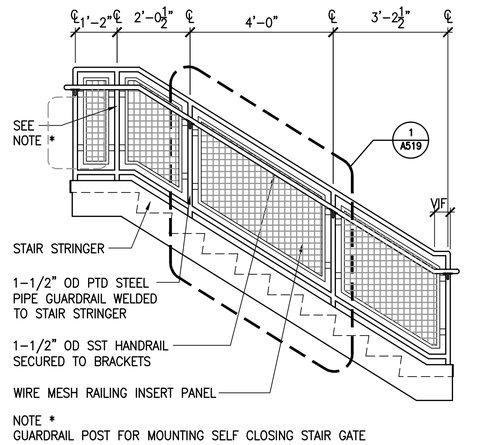
1 GUARDRAIL ELEVATION
1/2"=1'-0"



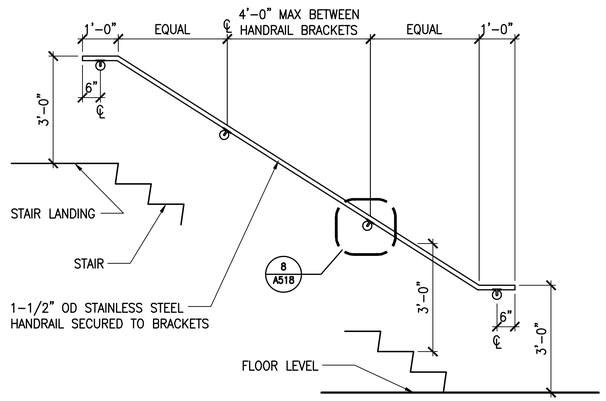
6 GUARDRAIL ELEVATION
1/2"=1'-0"



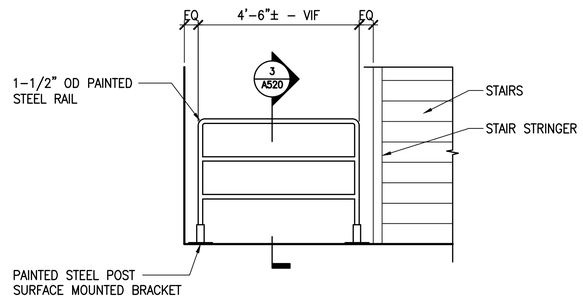
5 GUARDRAIL ELEVATION
1/2"=1'-0"



4 GUARDRAIL ELEVATION
1/2"=1'-0"



8 TYPICAL WALL MOUNTED HANDRAIL ELEVATION
1/2"=1'-0"



7 GUARDRAIL ELEVATION
1/2"=1'-0"

GENERAL NOTES

1. ALL STAIR STRINGERS, CHANNELS, ANGLES, CARRIERS, GUARDRAILS AND MISCELLANEOUS STEEL SHALL BE PAINTED STEEL U.O.N.
2. ALL TREADS TO BE STEEL SLIP-RESISTANT PRE-FINISHED TREADS.
3. ALL HANDRAILS SHALL BE STAINLESS STEEL (SST) W/ PAINTED STEEL BRACKETS. PROVIDE CORROSION RESISTANT GASKET BETWEEN DIFFERENT ALLOYS, AS REQUIRED.
4. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

INFORMATION			
PROJECT			
PROGRAM	–	–	–
PROJECT MANAGER	–	–	–
DESIGNER	AECOM		
CONSULTANT	–	–	–
PROJECT RESIDENT	–	–	–
CONTRACTOR	–	–	–
PROJECT COMPLETION DATE	–	–	–

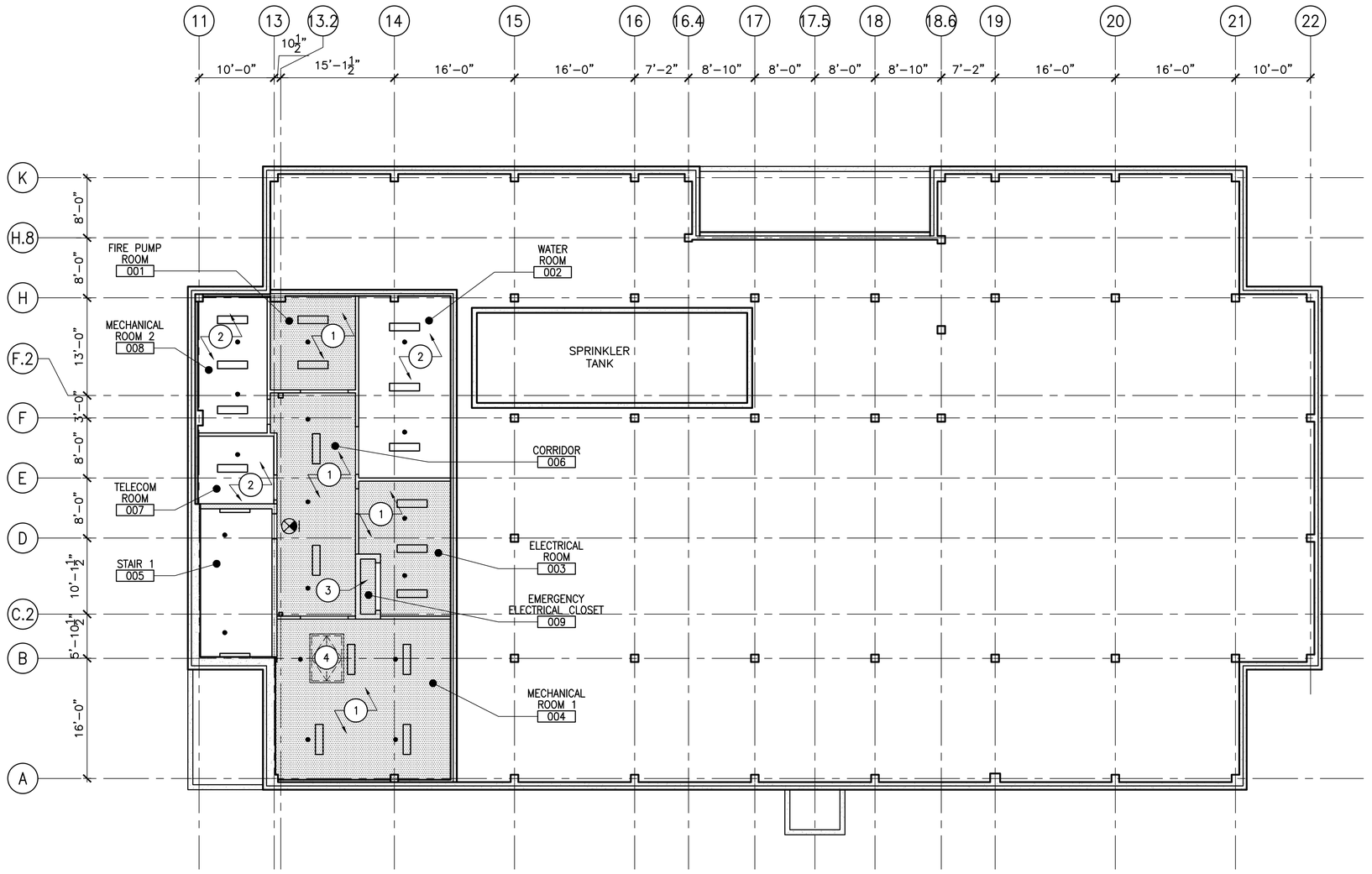
SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

STAIR 1 - DETAILS IV

SHEET NUMBER
A521

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A521.dwg Jan 17, 2022 - 3:22pm



1 BASEMENT REFLECTED CEILING PLAN
1/8"=1'–0"

KEY NOTES

1. SPRAY APPLIED 1 HOUR RATED FIRE PROOFING AND SPRAY APPLIED 1 HOUR RATED FIRE PROOFING AROUND BEAMS
2. SPRAY APPLIED THERMAL INSULATION; R 3.5 MIN.
3. SPRAY APPLIED 2 HOUR RATED FIRE PROOFING
4. MECHANICAL ROOM ACCESS FLOOR HATCH (ABOVE)

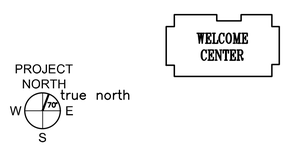
LEGEND

- 1'X4' SURFACE LIGHT
- 4' WALL MOUNTED STAIRWAY LIGHT
- SPRINKLER HEAD
- EXIT SIGN
- SPRAY APPLIED FIRE PROOFING

GENERAL NOTES

1. EXPOSED STRUCTURE IN BASEMENT SHALL BE PRIMED ONLY. TYPICAL UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATIONS AND FIXTURE TYPES.
3. ELECTRICIAL ROOM (009) AND EMERGENCY ELECTRICAL CLOSET (003) ARE 2 HOUR RATED CONSTRUCTION AND NON–SPRINKLERED

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE

ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

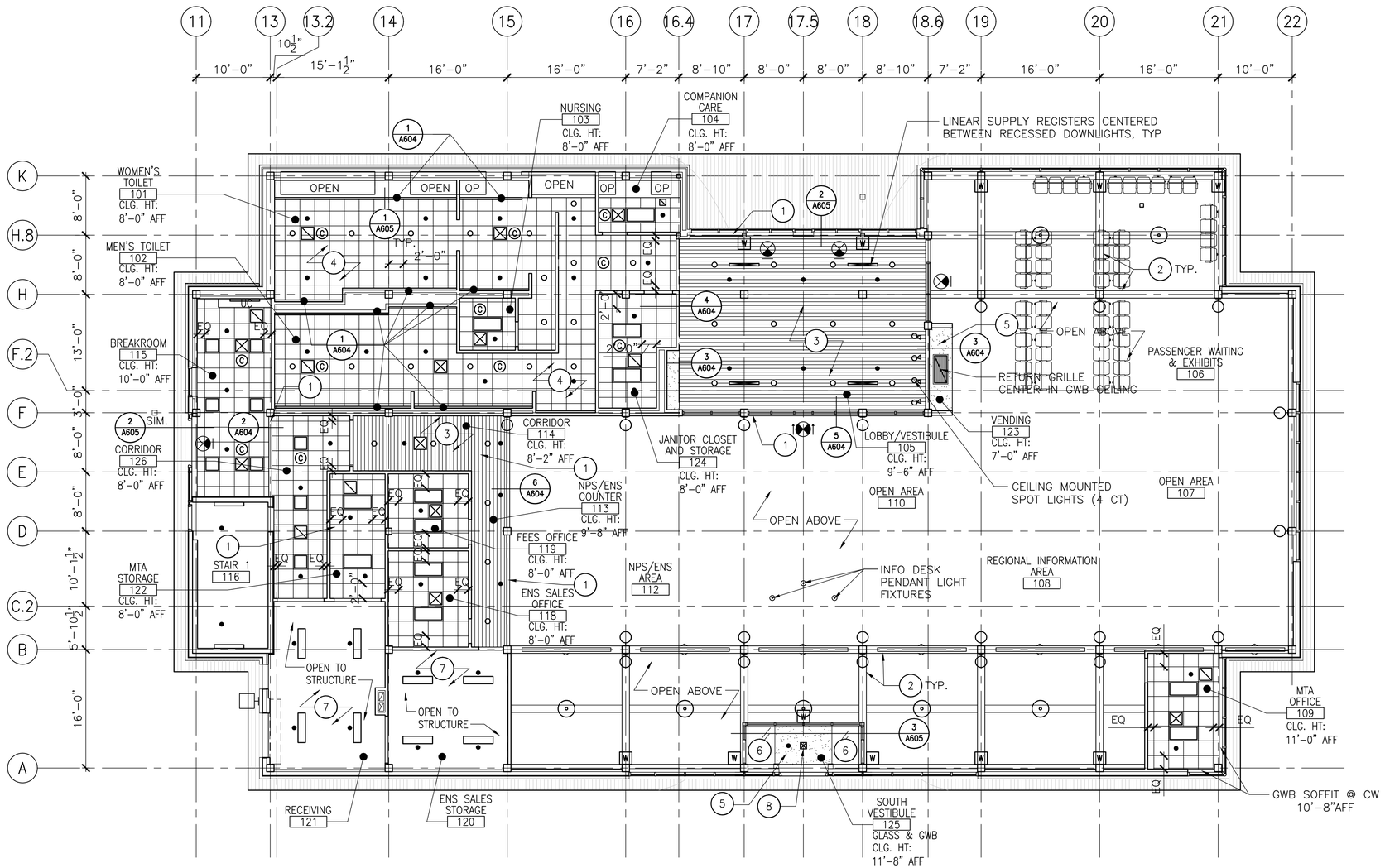
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

BASEMENT
REFLECTED CEILING PLAN

SHEET NUMBER
A601

\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A601.dwg Jan 17, 2022 - 3:22pm



1 FIRST FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"

LEGEND - CONT.

- WOOD CEILING
- 2'x2' SUSPENDED CEILING GRID
- 2'x2' SUPPLY REGISTER
- LINEAR SUPPLY REGISTER
- 2'x2' RETURN REGISTER
- 1'x1' RETURN REGISTER

KEY NOTES

1. PAINTED GWB SOFFIT / CEILINGS
2. WOOD STRUCTURE, REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.
3. WOOD CEILING SYSTEM
4. ACT CEILING
5. GWB CEILING
6. GLASS CEILING
7. PAINTED EXPOSED WOOD JOIST & DECK, REFER TO FINISH SCHEDULE
8. SUPPLY DUCT AND REGISTER, REFER TO MECHANICAL DRAWINGS

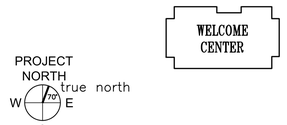
LEGEND

- RECESSED DOWNLIGHT
- COLUMN MOUNTED UPLIGHT FIXTURE
- 2'x4' RECESSED LIGHT
- 2'x2' RECESSED LIGHT
- 1'X4' SURFACE LIGHT
- 4' WALL MOUNTED STAIRWAY LIGHT
- CYLINDER PENDANT LIGHT FIXTURE
- DECORATIVE PENDANT LIGHT FIXTURE
- INFO DESK PENDANT LIGHT FIXTURE
- EXTERIOR WALL MOUNTED LIGHT FIXTURE
- CONTINUOUS SLOT LIGHT
- LINEAR TRUSS UPLIGHT
- UC UNDER COUNTER LIGHT
- CEILING MOUNTED SPOT LIGHT
- EXIT SIGN
- RECESSED CEILING SPEAKER
- W WALL MOUNTED SPEAKER
- SPRINKLER HEAD
- GWB CEILING

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATIONS AND FIXTURE TYPES

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KATHLEEN MICHELLE WENGLER No. 5292 STATE OF MAINE

ARCH. LIN. NUMBER ARC5292
SIGNATURE
DATE JANUARY 17, 2022

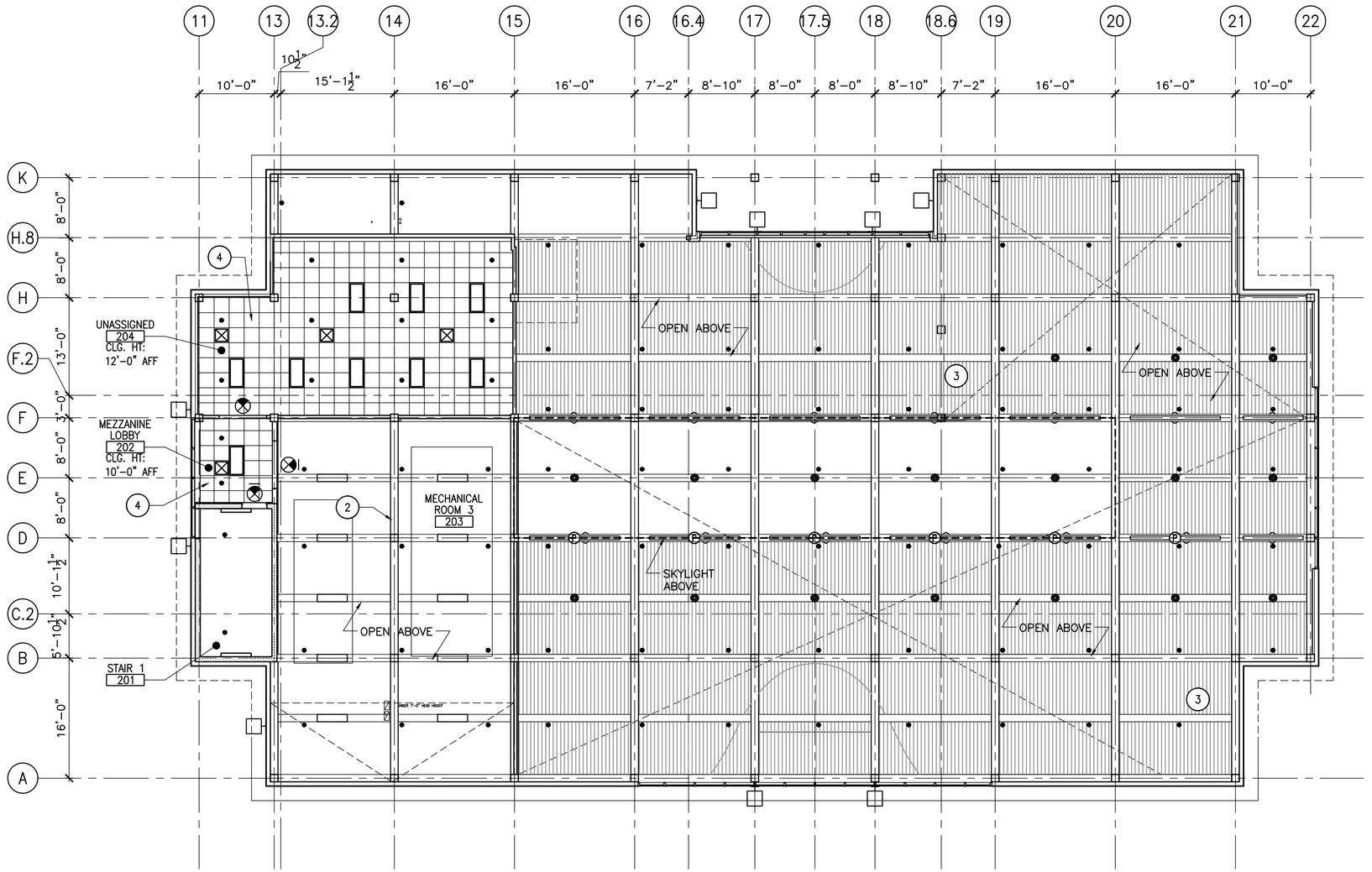
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

FIRST FLOOR
REFLECTED CEILING PLAN

SHEET NUMBER
A602

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A602.dwg Mar 08, 2022 - 4:07pm



1 MEZZANINE REFLECTED CEILING PLAN
1/8"=1'-0"

KEY NOTES

2 WOOD STRUCTURE, REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

3 WOOD CEILING

4 ACT CEILING

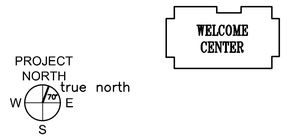
LEGEND

- 2'x4' RECESSED LIGHT
- 4' WALL MOUNTED STAIRWAY LIGHT
- 1'X4' SURFACE LIGHT
- CYLINDER PENDANT LIGHT FIXTURE
- LINEAR TRUSS UPLIGHT
- (P) PENDANT SPEAKER
- EXTERIOR WALL MOUNTED LIGHT FIXTURE
- SPRINKLER HEAD
- EXIT SIGN
- GWB CEILING
- WOOD CEILING
- 2'x2' SUSPENDED CEILING GRID
- 2'x2' SUPPLY REGISTER

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATIONS AND FIXTURE TYPES
2. PROVIDE GWB SMOKE PARTITION CEILING BETWEEN WOOD TIMBERS IN CORRIDOR 216, LOCATED BETWEEN COLUMN LINES 15 AND 16, SEE SHEET A003.

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE		
FED PIN NO: NA		
WIN NO: 017163.02 & 017163.03		

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

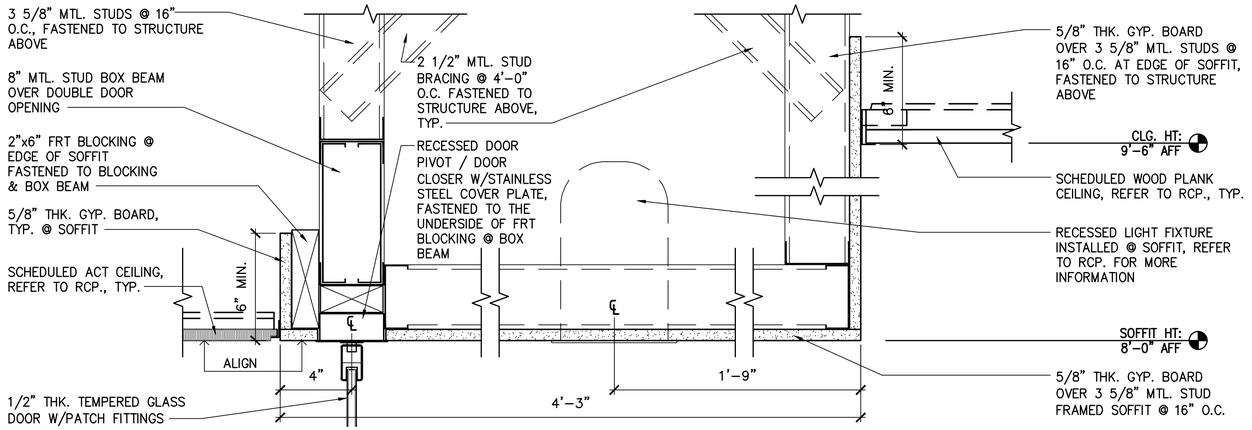
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

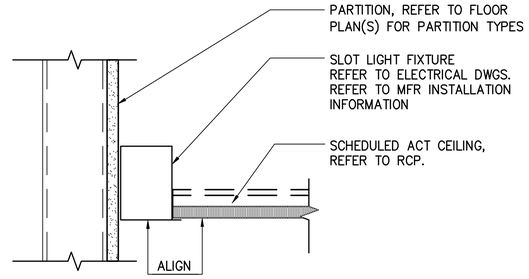
MEZZANINE
REFLECTED CEILING PLAN

SHEET NUMBER
A603

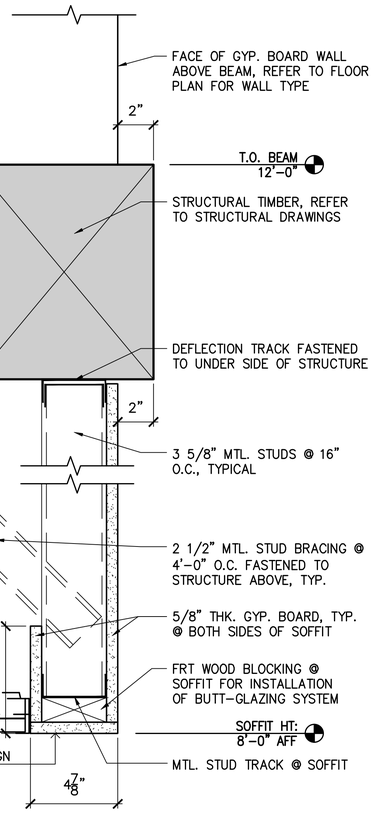
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A603.dwg Jan 17, 2022 - 3:24pm



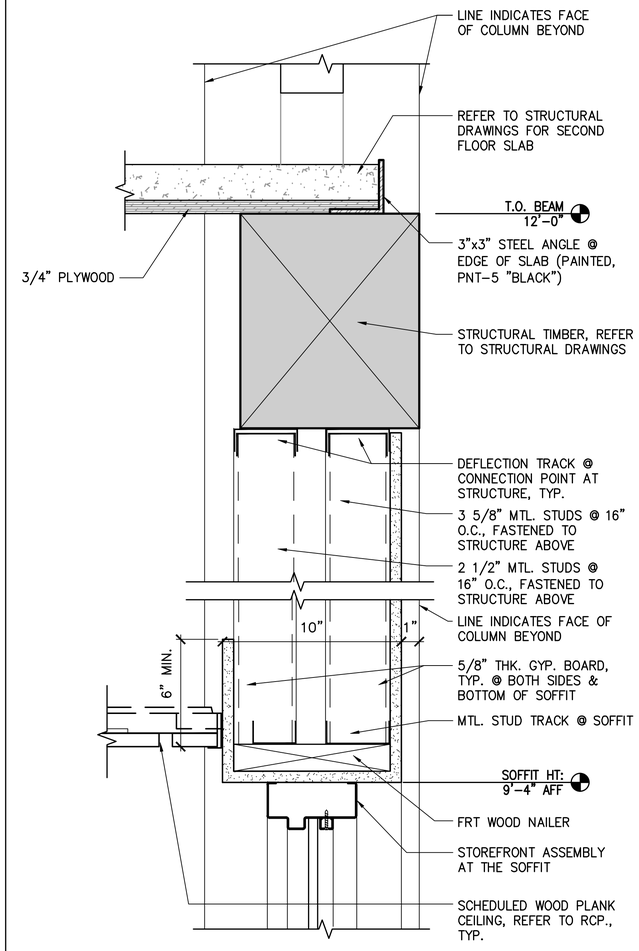
4 GWB SOFFIT / CEILING TRANSITION @ ENTRY TO BATHROOMS
3"=1'-0"



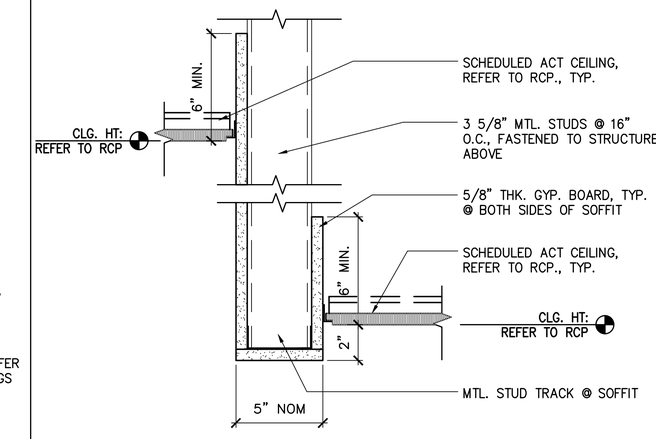
1 LIGHT COVE DETAIL
3"=1'-0"



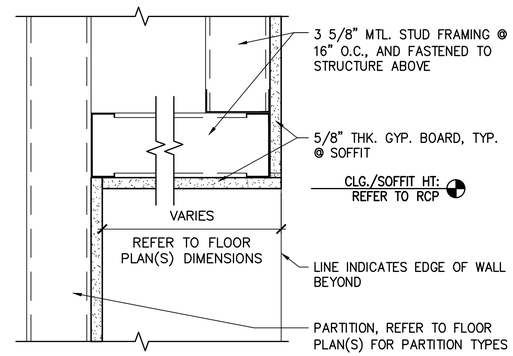
6 GWB SOFFIT @ ENS SALES / SECOND FLOOR
3"=1'-0"



5 GWB SOFFIT @ ENTRY LOBBY / SECOND FLOOR
3"=1'-0"



2 TYP. GWB SOFFIT @ ACT BOTH SIDES
3"=1'-0"



3 TYP. GWB CEILING/SOFFIT @ TRANSITION
3"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

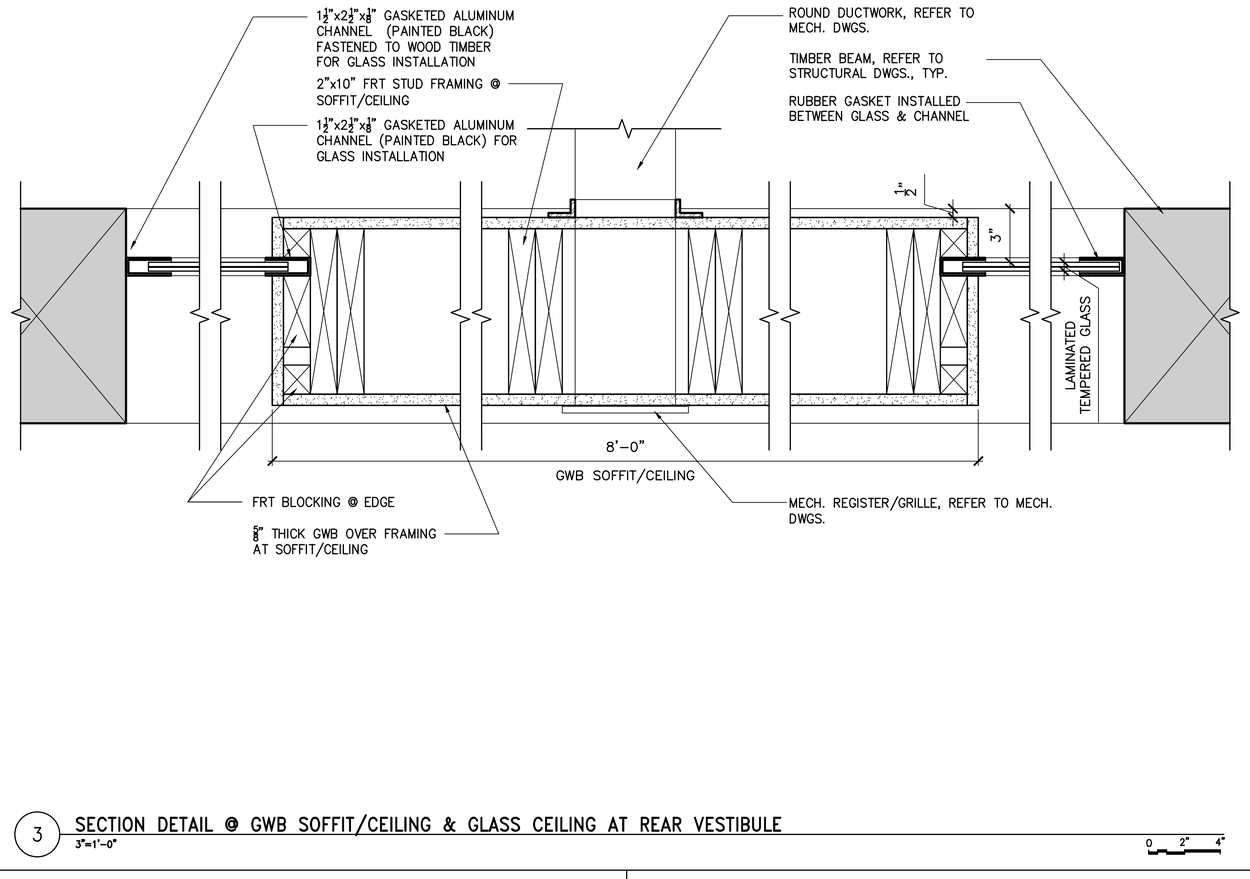
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

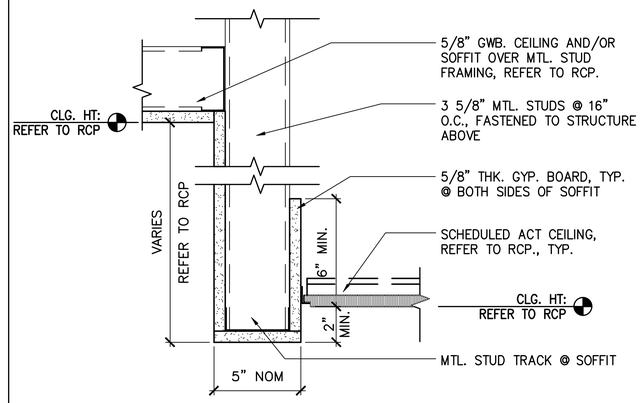
REFLECTED CEILING DETAILS I

SHEET NUMBER
A604

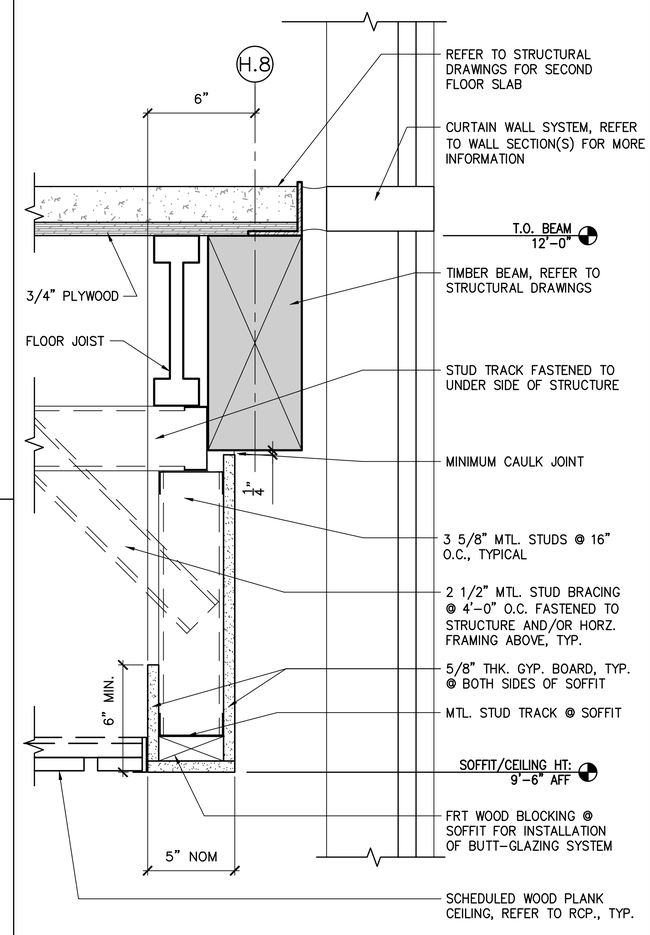
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A604.dwg Jan 17, 2022 - 3:24pm



3 SECTION DETAIL @ GWB SOFFIT/CEILING & GLASS CEILING AT REAR VESTIBULE
3"=1'-0"



1 TYP. GWB SOFFIT @ ACT ONE SIDE
3"=1'-0"



2 GWB SOFFIT @ ENTRY LOBBY OVER EXTERIOR DOORS
3"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

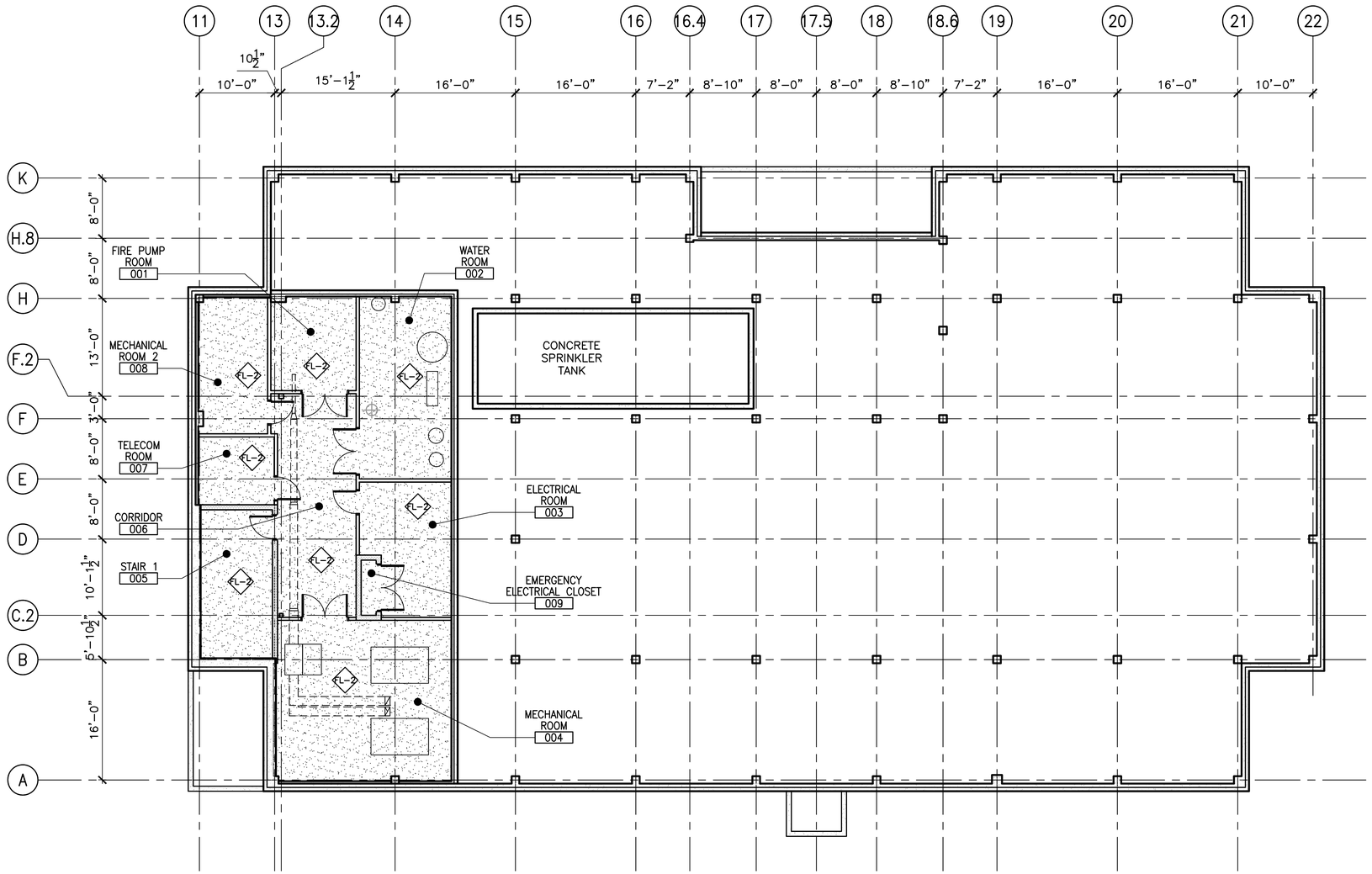
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

REFLECTED CEILING DETAILS II

SHEET NUMBER
A605

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A605.dwg Jan 17, 2022 - 3:24pm



1 BASEMENT FINISH FLOOR PLAN
1/8"=1'-0"

FINISH LEGEND

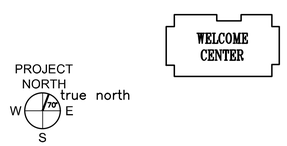
SEALED CONCRETE

Z-1 MATERIAL KEY
SEE SHEET A614

GENERAL NOTES

1. SEE FINISH SCHEDULE SHEET A614 FOR MATERIAL KEY

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

INFORMATION	
PROJECT PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

SIGNATURE

ARCH. LIN. NUMBER ARC5292

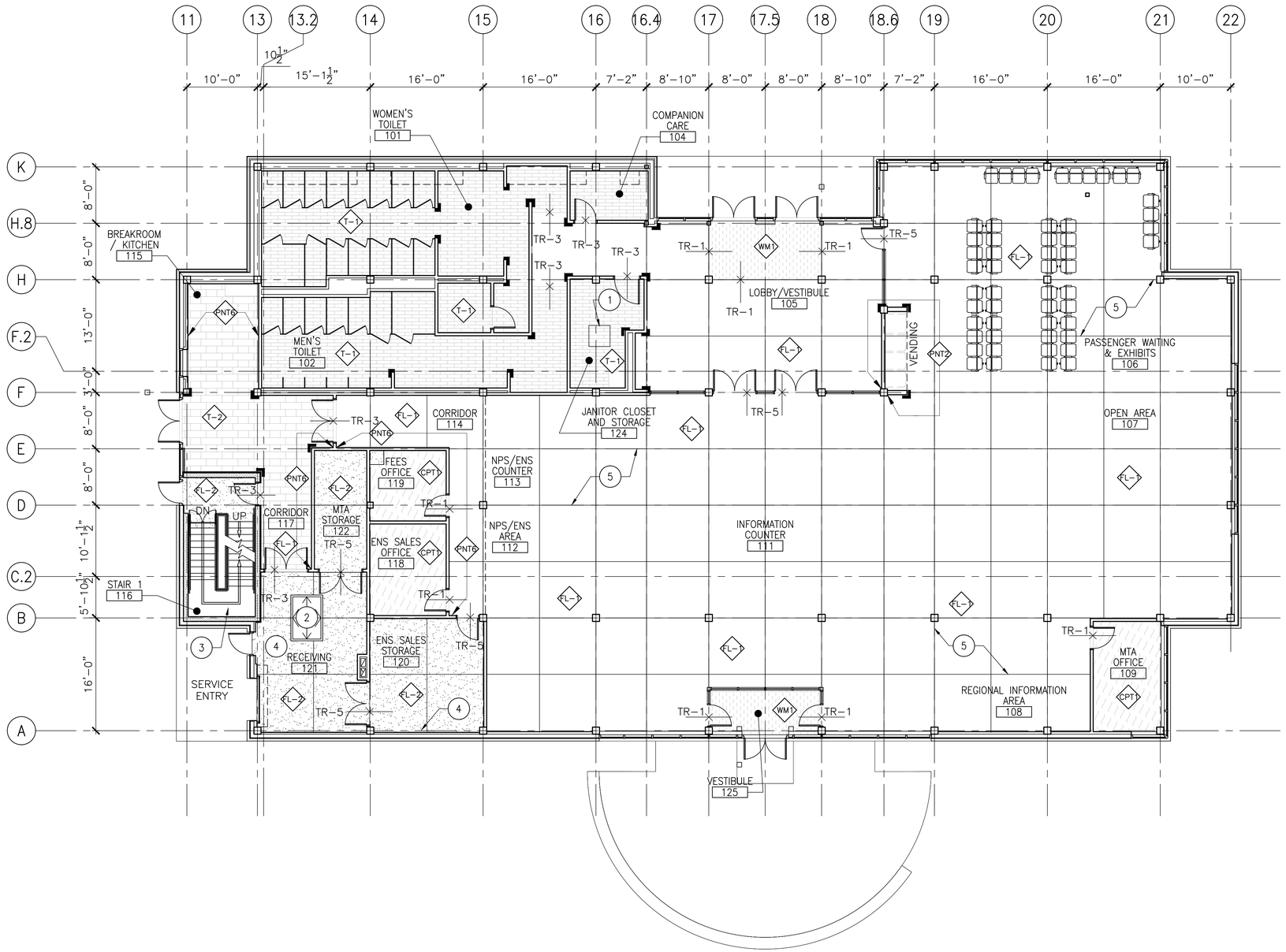
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

BASEMENT FINISH FLOOR PLAN

SHEET NUMBER
A611

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A611.dwg Jan 17, 2022 - 3:25pm



1 FIRST FLOOR FINISH FLOOR PLAN
1/8"=1'-0"

KEY NOTES

1. SPRINKLER TANK ACCESS MANHOLE W/ EMBOSSED NON–SLIP PATTERN, REFER TO SPECIFICATIONS
2. MECHANICAL ROOM ACCESS FLOOR HATCH W/ EMBOSSED NON–SLIP PATTERN
3. ALL STAIRS SHALL BE METAL W/ NON–SLIP FINISH, SEE STAIR DETAILS
4. EXPOSED STRUCTURE, TO BE PAINTED (PNT–4)
5. CONTROL JOINT IN POLISHED CONCRETE SLAB, TYP.

FINISH LEGEND

- STAINED POLISHED CONCRETE
- SEALED CONCRETE
- CARPET
- WALK–OFF MAT
- FLOOR TILE (12"X12" & 12"X24")
- FLOOR TILE (6"X24")
- FLOOR DRAIN
- TRANSITION
- MATERIAL KEY SEE SHEET A614

TRANSITION LEGEND

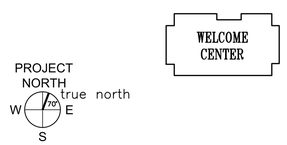
- TR–1 = CARPET TO CONCRETE
- TR–3 = TILE TO CONCRETE
- TR–4 = VCT TO CONCRETE
- TR–5 = CONCRETE TO CONCRETE SCORE/CUT IN CONCRETE @ DOOR/OPENING
- TR–6 = VCT TO CARPET

NOTE: REFER TO SPECIFICATIONS FOR TRANSITION PRODUCT TYPES

GENERAL NOTES

1. PROVIDE APPLIED STAINLESS STEEL CORNER GUARDS (SCHLUTER – ECK–K, 2" WIDE, LEGS) (MIN. 6'–0" TALL) AT ALL OUTSIDE CORNERS AS INDICATED ON FINISH PLAN BY ┓, REFER TO ELEVATIONS FOR MORE INFORMATION.
2. PROVIDE INTEGRAL STAINLESS STEEL CORNER GUARDS (SCHLUTER – ECK–E, SIZE TO BE DETERMINED BY TILE THICKNESS) (MIN. 6'–0" TALL) AT ALL OUTSIDE CORNERS WHERE WALL TILE IS TO BE INSTALLED, REFER TO INTERIOR ELEVATIONS FOR HTS. & MORE INFORMATION.
3. SEE FINISH SCHEDULE SHEET A614 FOR MATERIAL KEY

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

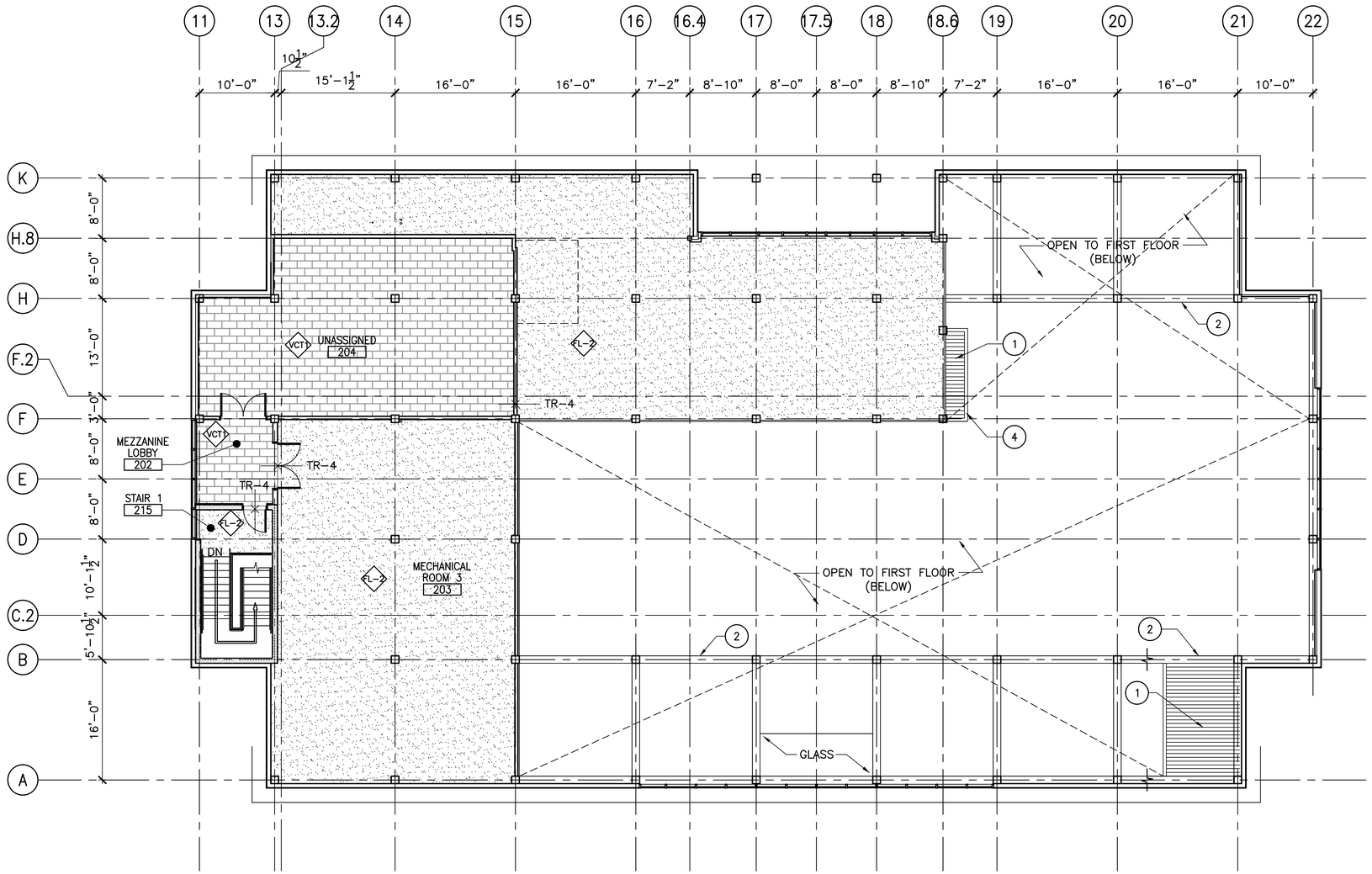
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

FIRST FLOOR FINISH FLOOR PLAN

SHEET NUMBER
A612

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A612.dwg Mar 08, 2022 - 4:08pm



1 MEZZANINE FINISH FLOOR PLAN
1/8"=1'-0"

KEY NOTES

1. WOOD TONGUE AND GROVE DECK – MATCH WOOD CEILING MATERIAL, FINISH, COLOR AND STAIN
2. STRUCTURAL TIMBER FRAME BEAM(S)
3. TACKABLE WALL FINISH (WC–1), REFER TO INTERIOR ELEVATION(S) FOR SIZE & LOCATION
4. GWB EDGE OF ELEMENT BELOW TO BE PAINTED (PNT–2)

FINISH LEGEND

- SEALED CONCRETE
- CARPET
- VCT TILE (12"x24")
- WOOD DECK
- FLOOR DRAIN
- TRANSITION
- Z–1 MATERIAL KEY SEE SHEET A614

TRANSITION LEGEND

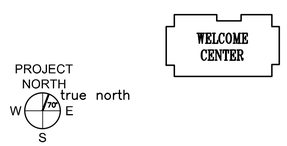
TR–4 = VCT TO CONCRETE

NOTE: REFER TO SPECIFICATIONS FOR TRANSITION PRODUCT TYPES

GENERAL NOTES

1. PROVIDE APPLIED STAINLESS STEEL CORNER GUARDS (SCHLUTER – ECK–K, 2" WIDE, LEGS) (MIN. 6'–0" TALL) AT ALL OUTSIDE CORNERS AS INDICATED ON FINISH PLAN BY ⌝, REFER TO ELEVATIONS FOR MORE INFORMATION.
2. PROVIDE INTEGRAL STAINLESS STEEL CORNER GUARDS (SCHLUTER – ECK–E, SIZE TO BE DETERMINED BY TILE THICKNESS) (MIN. 6'–0" TALL) AT ALL OUTSIDE CORNERS WHERE WALL TILE IS TO BE INSTALLED, REFER TO INTERIOR ELEVATIONS FOR HTS. & MORE INFORMATION.
3. SEE FINISH SCHEDULE SHEET A614 FOR MATERIAL KEY

PROJECT KEY PLAN



AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

INFORMATION		
PROJECT		
PROGRAM	–	–
PROJECT MANAGER	–	–
DESIGNER	AECOM	
CONSULTANT	–	–
PROJECT RESIDENT	–	–
CONTRACTOR	–	–
PROJECT COMPLETION DATE	–	–

SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

MEZZANINE FINISH FLOOR PLAN

SHEET NUMBER
A613

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A613.dwg Jan 17, 2022 - 3:26pm

FINISH SCHEDULE

KEY	MATERIAL	LOCATION	MANUFACTURE	FINISH / PRODUCT TYPE	SIZE	COLOR	REMARKS
ACT-1	ACOUSTIC CEILING TILE	AS SHOWN ON RCP	ARMSTRONG	ULTIMA, BEVELED TEGULAR – 1912	24" x 24"	WHITE	9/16" SUPRAFINE GRID COLOR: WHITE
CPT-1	CARPET TILES (MODULAR)	1ST FLR. OFFICES	INTERFACE FLOR	CUBIC 1380102500	20" x 20"	CONSTRUCTION #6395	1/4 TURN INSTALLATION
FL-1	STAINED / POLISHED CONCRETE	1ST FLR. OPEN AREAS	TBD	STAINED / POLISHED CONCRETE	N/A	SEE NOTE #9	ACID ETCHED "MAP OF ACADIA" – SEE NOTE #9
FL-2	SEALED CONCRETE	BASEMENT & BACK-OF-HOUSE AREAS	H&C CONCRETE	CONCRETE SEALER	N/A	CLEAR	--
PL-3	PLASTIC LAMINATE	INTERIOR OF 1ST FLR. MILLWORK & ALL TOE-KICKS @ LOWER CABINETS	WILSONART LAMINATE	MATTE FINISH	N/A	BLACK #595-60	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
PL-4	PLASTIC LAMINATE	TOILET ROOM(S) UNDER-COUNTER PANEL	FORMICA	MATTE FINISH	N/A	SAIL WHITE #463-58	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
PL-5	PLASTIC LAMINATE	LOWER PANEL, COMPUTER COUNTER	FORMICA	GLOSS FINISH	N/A	FOSSIL #5349-90	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
PT-1	PAINT	WALLS	BENJAMIN MOORE	EGGSHELL	N/A	ACADIA WHITE AC-41	--
PT-2	PAINT	WALL ACCENT	BENJAMIN MOORE	EGGSHELL	N/A	GEORGIAN GREEN HC-115	--
PT-3	PAINT	GWB CEILINGS	BENJAMIN MOORE	FLAT (READY-MIXED)	N/A	DECORATORS WHITE PM-3	--
PT-4	PAINT	BACK-OF-HOUSE EXPOSED STRUCTURE	BENJAMIN MOORE	FLAT	N/A	GALVESTON GRAY AC-27	--
PT-5	PAINT	EXPOSED PIPING & DUCTWORK (MAIN SPACE)	BENJAMIN MOORE	PEARL (READY-MIXED)	N/A	BLACK PM-9	--
PT-6	PAINT	WALL ACCENT	BENJAMIN MOORE	EGGSHELL	N/A	SMOKE 2122-40	--
QTZ-1	QUARTZ	RECEPTION DESK, RETAIL COUNTER & COMPUTER STATIONS	ECO by COSENTINO	ECO QUARTZ	N/A	TERRA	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
SCRC-1	SOLID COLOR REINFORCED COMPOSITE	BATHROOM TOILET PARTITIONS	BOBRICK	SIERRA SERIES 1090	3/4" THICK	SC01 GOLDEN KHAKI	REFER TO ENLARGED PLANS & ELEVATIONS FOR MORE INFO.
SS-3	SOLID SURFACE	1ST FLR. BATHROOM COUNTERTOPS	CORIAN	N/A	1/2" THICK	FOSSIL	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
SS-4	SOLID SURFACE (RESIN)	1ST FLR. MILLWORK ACCENT	3 FORM	CHROMA – C3 COLOR MATTE FINISH	1/2" THICK	WHITEOUT	REFER TO MILLWORK DETAILS FOR MORE INFORMATION
SS-5	SOLID SURFACE (RESIN)	1ST FLR. MILLWORK ACCENT, RECEPTION BACK WALL	3 FORM	VARIA ECORESIN – HIGH RES IMAGERY, SANDSTONE FINISH (STAND-OFF INSTALLATION)	1/2" THICK	CUSTOM "ACADIA COASTLINE" IMAGE	REFER TO MILLWORK DETAILS FOR MORE INFORMATION, IMAGE T.B.D.
STVR	STONE VENEER WALL BASE	THROUGHOUT MAIN AREA/SPACES		--	--	--	--
T-1	PORCELAIN TILE	1ST BATHROOMS	CROSSVILLE	BLUESTONE (UPS FINISH)	6" x 24"	PENNSYLVANIA BLUE AV203	REFER TO FINISH PLAN FOR PATTERN & DIRECTION
T-3	PORCELAIN TILE	1ST FLR. JANITOR	CROSSVILLE	COLOR BLOX EC	6" x 6"	I SEE THE MOON E1117	--
TB-1	PORCELAIN TILE BASE	THROUGHOUT MAIN AREAS/SPACES	CROSSVILLE	BLUESTONE (UPS FINISH)	4" x 12" BULLNOSE	PENNSYLVANIA BLUE AV203	--
WDAT	ACOUSTIC WOOD-LOOKS PANEL	THROUGHOUT MAIN AREA/SPACES	--	--	--	--	--
WDC-1	WOOD SLAT CEILING	AS SHOWN ON RCP	ARMSTRONG	WOODWORKS – LINEAR PLANKS	6" MODULE	TBD	--
WDTG	WOOD TONGUE-AND-GROOVE PLANK WALL	THROUGHOUT MAIN AREA/SPACES	--	--	--	--	SEE PARTITION TYPE M
WM-1	WALK-OFF MAT	ENTRY AREAS, AS SHOWN ON THE FINISH PLAN	MATS INC.	SUPREME NOP – MODULAR TILES	20" x 20"	TWEED BROWN	--
WT-4	PORCELAIN WALL TILE (FIELD)	1ST FLR. BATHROOMS	CROSSVILLE	RETRO ACTIVE	4" x 12"	EMPRESS WHITE #A215/ .10412 UPS	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY
WT-5	PORCELAIN WALL TILE (ACCENT)	1ST FLR. BATHROOMS	CROSSVILLE	RETRO ACTIVE	4" x 12"	MAPLE SUGAR #C360/ .10412 UPS	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY
WT-6	PORCELAIN WALL TILE (ACCENT)	1ST FLR. BATHROOMS	CROSSVILLE	COLOR BLOX TOO	4" x 12"	CELERY STALK #A1173 .10612 UPS	TILES TO BE INSTALLED AS RUNNING BOND/SUBWAY
VB-1	VINYL WALL BASE	THROUGHOUT, U.N.O. (REFER TO FINISH PLAN)	JOHNSONITE	STRAIGHT & COVE	1/8" THK. x 4" TALL	BLACK #40	STRAIGHT BASE @ CARPET & COVE BASE AT ALL OTHER LOCATIONS

GENERAL FINISH NOTES

1. ALL GYPSUM WALLS TO BE PT-1 U.N.O.

2. ALL TOILET AND SHOWER ROOM WALLS TO BE PAINTED ABOVE TILE.

3. ALL GYPSUM WALL BOARD (GWB) CEILINGS AND SOFFITS TO BE PT-3 U.N.O.

4. ALL WALL BASE TO BE VB-1 U.N.O.

5. ALL DOORS AND DOOR FRAMES TO BE PT-1, TO MATCH WALL U.N.O.

6. PAINT EXPOSED HVAC DUCTWORK AND FIRE PROTECTION PIPING PT-5, U.N.O.

7. ALL BACK-OF-HOUSE EXPOSED STRUCTURE, DECKING, CONDUITS, SPRINKLER PIPING, HVAC DUCTS, SUPPORTS, ETC., TO BE PT-4 U.N.O.

8. GROUT COLORS FOR FLOOR TILES TO BE THE FOLLOWING:
T-1, LATICRETE – TBD
T-2, LATICRETE – TBD
T-3, LATICRETE – TBD
T-6, LATICRETE – TBD

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

ARCH. LIC. NUMBER ARC5292

DATE JANUARY 17, 2022

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

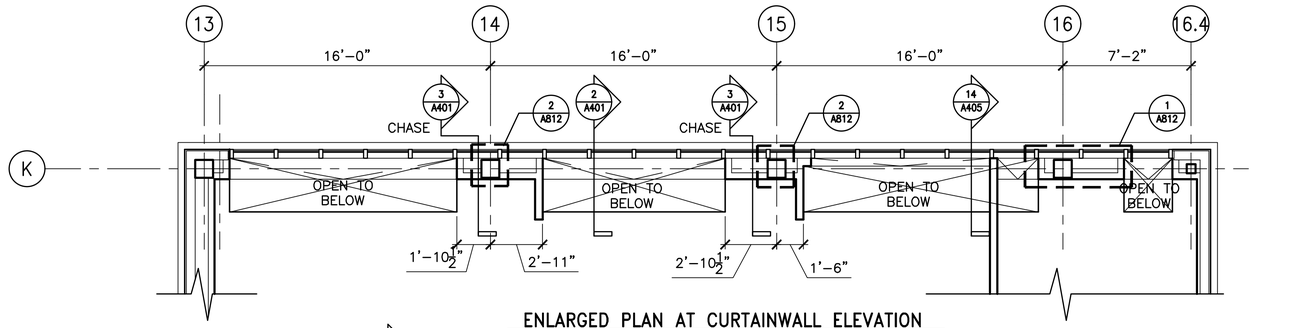
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

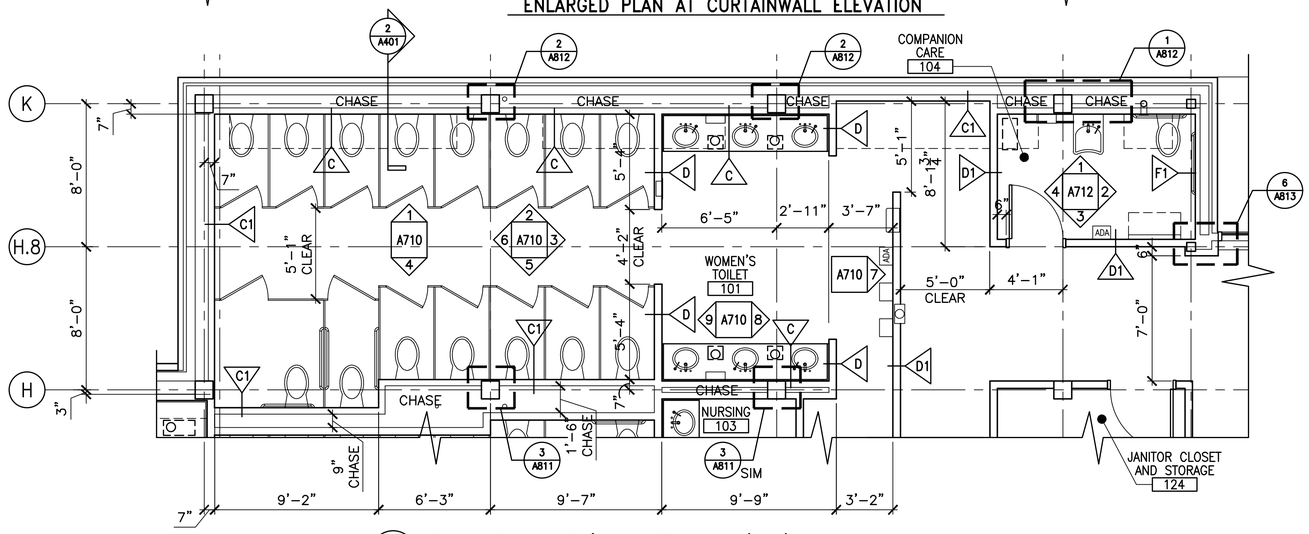
FINISH SCHEDULE

SHEET NUMBER
A614

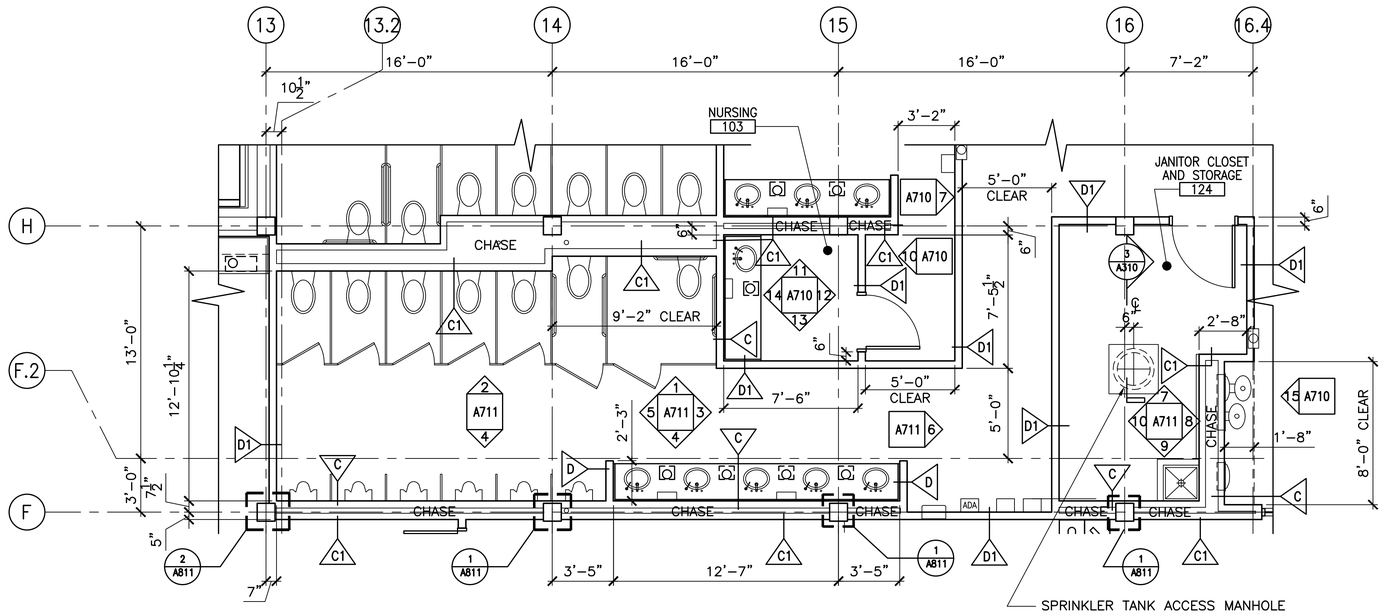
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A614.dwg Jan 17, 2022 - 3:26pm



ENLARGED PLAN AT CURTAINWALL ELEVATION



1 ENLARGED WOMEN'S TOILET ROOM (101) PLAN
1/4"=1'–0"



3 ENLARGED MEN'S TOILET ROOM (102) PLAN
1/4"=1'–0"

KEY NOTES

1. SPRINKLER TANK ACCESS MANHOLE
2. MOP SINK W/ FAUCET – SEE ELEVATIONS
3. WALL MOUNTED ELECTRIC HAND DRYER(S) – SEE ELEVATIONS

GENERAL NOTES

1. REFER TO A004 & A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.
2. REFER TO A830 & A831 FOR ALL PARTITION TYPES.
3. ALL CHASES TO BE DIMENSIONED. COORDINATE WITH PIPING / RECESSED FIXTURE / HANGER REQUIRED MINIMUM CLEARANCES.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIN. NUMBER	ARC5292
DATE	JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

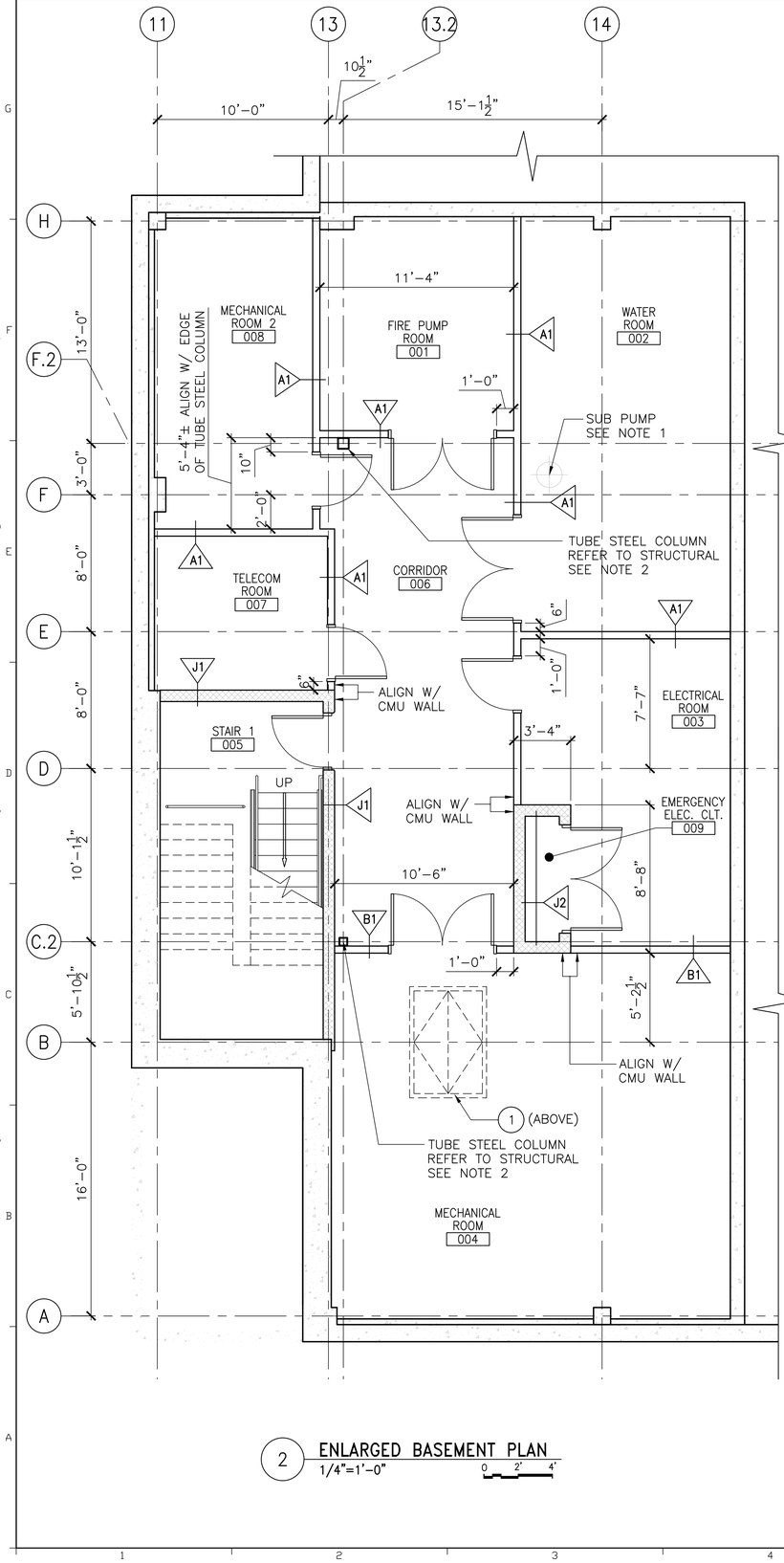
ENLARGED PLANS I

SHEET NUMBER
A701

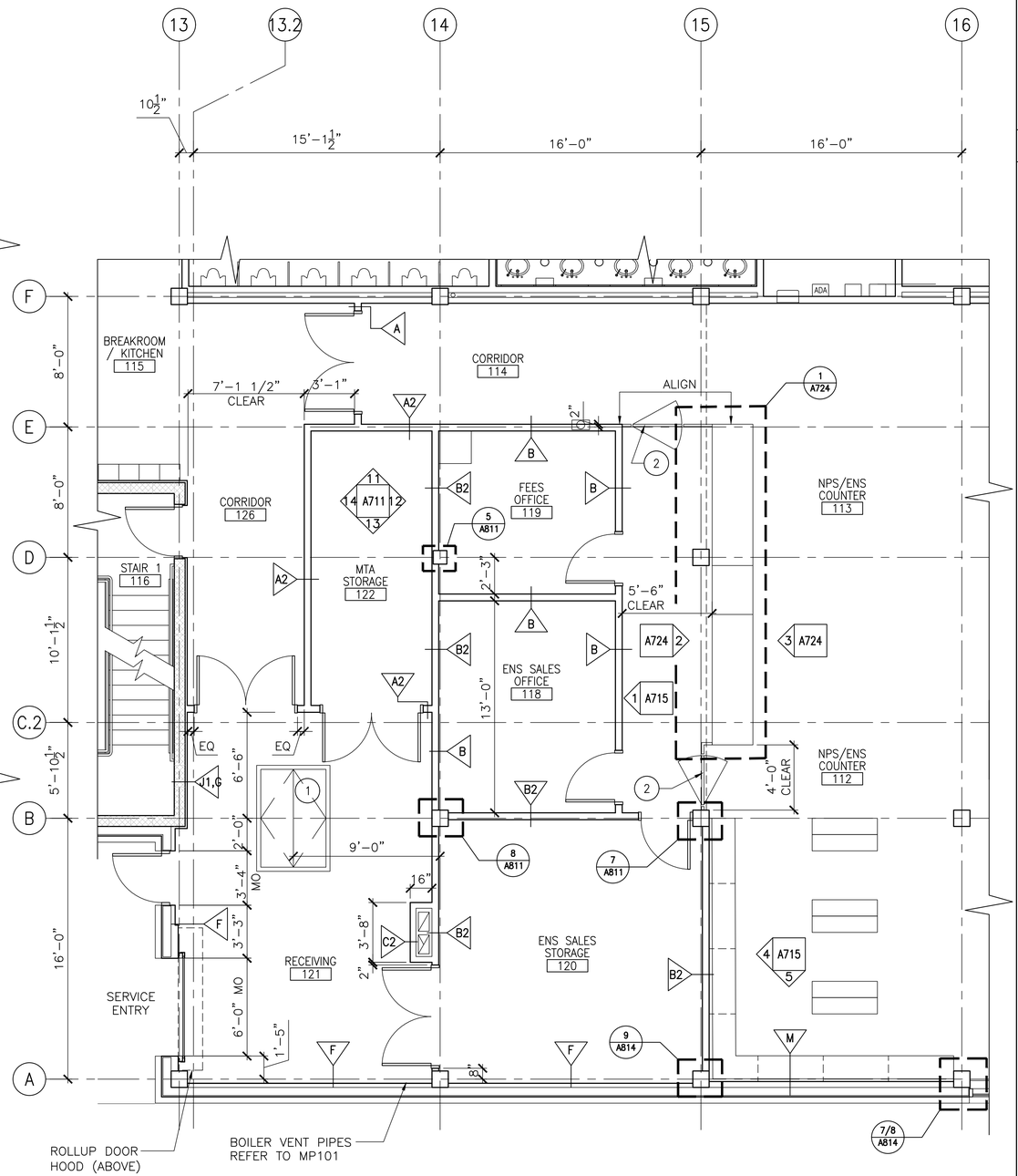
AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A701.dwg Jan 17, 2022 - 3:27pm

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A702.dwg Mar 08, 2022 - 4:08pm



2 ENLARGED BASEMENT PLAN
1/4"=1'-0"



1 ENLARGED FIRST FLOOR OFFICE PLAN
1/4"=1'-0"

KEY NOTES

1. MECHANICAL ROOM ACCESS FLOOR HATCH, SEE DETAILS 1,2/A806
2. INDOOR COUNTER SWING GATE AND PANELS; PRODUCT / MODEL TBD

GENERAL NOTES

1. COORDINATE DRAIN AND SUMP PUMP LOCATIONS WITH PLUMBING.
2. THE COLUMN SHALL BE WRAPPED W/ ONE HOUR FIRE PROTECTION, FINISH FLOOR TO DECK (UL NO. X526)
3. REFER TO A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.
4. REFER TO A830 & A831 FOR ALL PARTITION TYPES.

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler

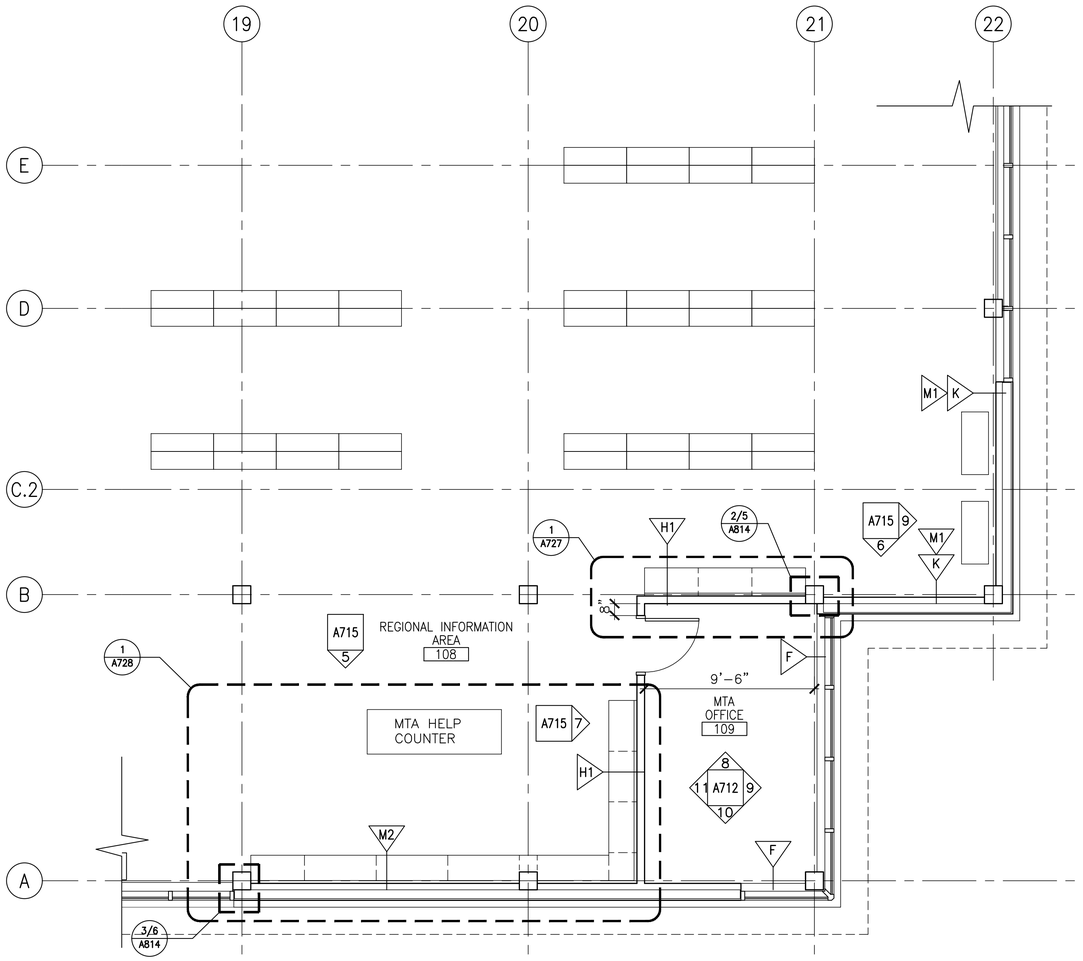
PROJECT INFORMATION	
PROGRAM	--
PROJECT MANAGER	--
DESIGNER	AECOM
CONSULTANT	--
PROJECT RESIDENT	--
CONTRACTOR	--
PROJECT COMPLETION DATE	--

SIGNATURE
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

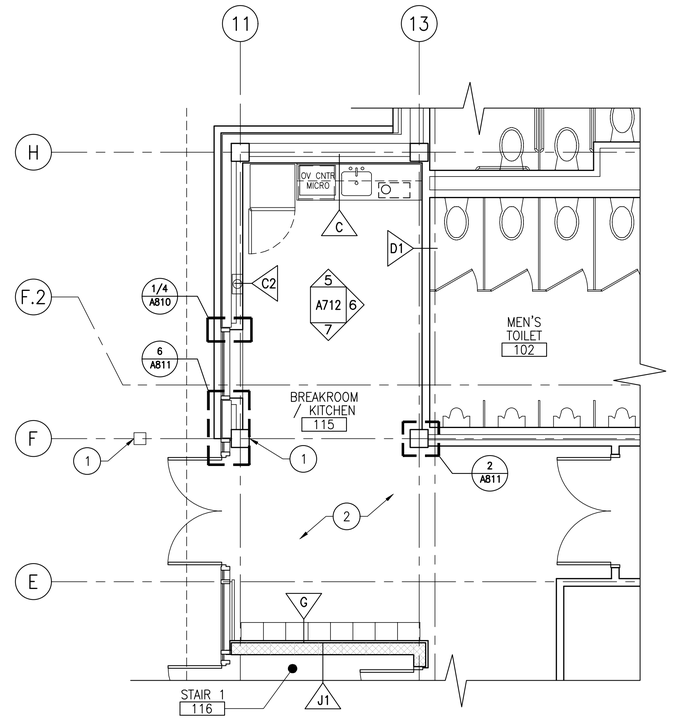
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ENLARGED PLANS II

SHEET NUMBER
A702



2 ENLARGED REGIONAL INFO AREA AND OFFICE PLAN
1/4"=1'–0"



1 ENLARGED BREAKROOM / KITCHEN PLAN
1/4"=1'–0"

GENERAL NOTES

1. REFER TO A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.
2. REFER TO A830 AND A831 FOR ALL PARTITION TYPES.
3. PITCH TO FLOOR DRAINS. MAXIMUM PITCH IS 1" LEAVING 1" OF CONCRETE MINIMUM ON 3/4" PLYWOOD.
4. ALL CHASES TO BE DIMENSIONED. COORDINATE WITH PIPING / RECESSED FIXTURE / HANGER REQUIRED MINIMUM CLEARANCES.

KEY NOTES

1. PUSH BUTTON AUTOMATIC DOOR OPENER
2. FURNITURE TO REMAIN CLEAR OF MEANS OF EGRESS,

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

SIGNATURE	
ARCH. LIC. NUMBER	ARC5292
DATE	JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

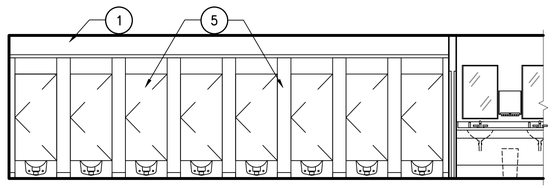
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ENLARGED PLANS III

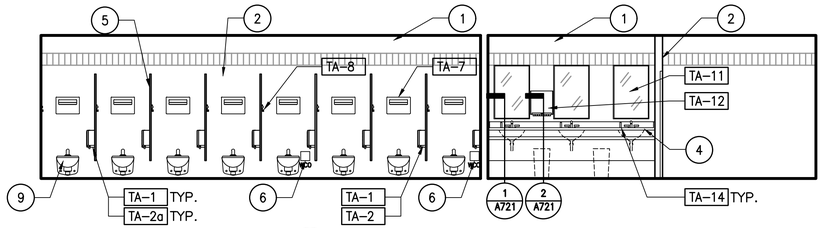
SHEET NUMBER
A703

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

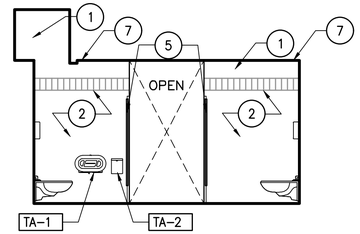
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A703.dwg Aug 23, 2022 - 9:41am



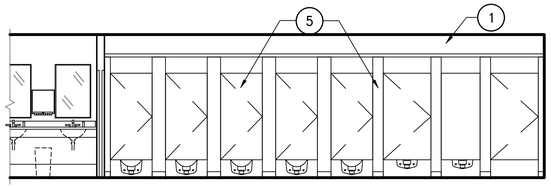
1 WOMEN'S TOILET (101)
1/4"=1'-0"



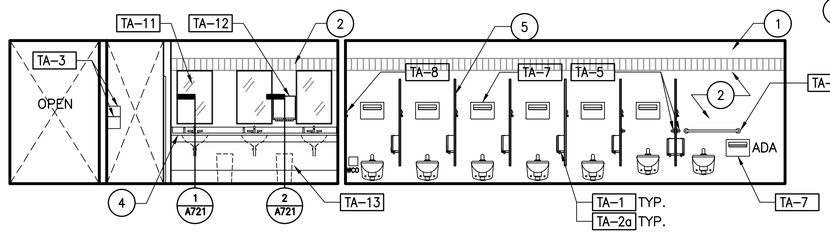
2 WOMEN'S TOILET (101)
1/4"=1'-0"



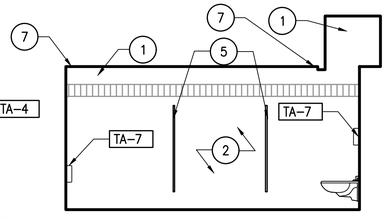
3 WOMEN'S TOILET (101)
1/4"=1'-0"



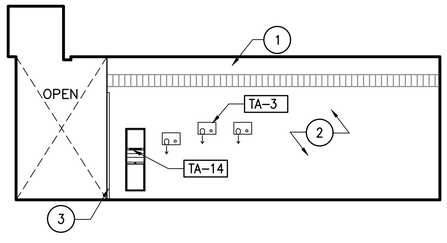
4 WOMEN'S TOILET (101)
1/4"=1'-0"



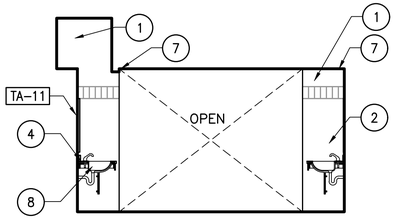
5 WOMEN'S TOILET (101)
1/4"=1'-0"



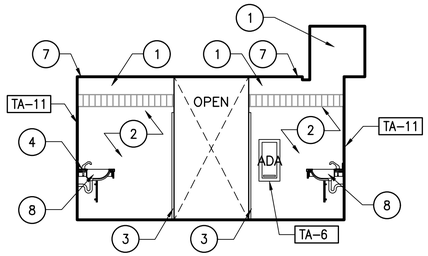
6 WOMEN'S TOILET (101)
1/4"=1'-0"



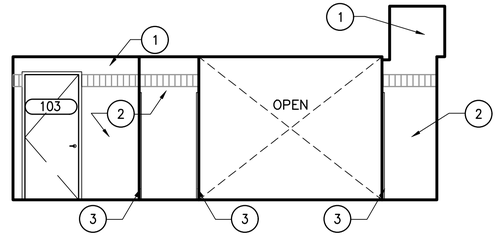
7 WOMEN'S TOILET (101)
1/4"=1'-0"



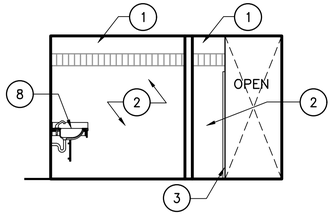
8 WOMEN'S TOILET (101)
1/4"=1'-0"



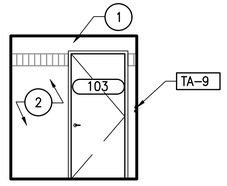
9 WOMEN'S TOILET (101)
1/4"=1'-0"



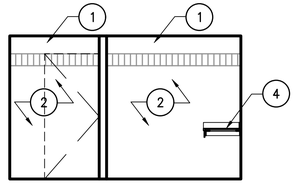
10 WOMEN'S TOILET (101)
1/4"=1'-0"



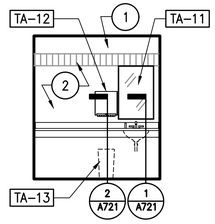
11 NURSING (103)
1/4"=1'-0"



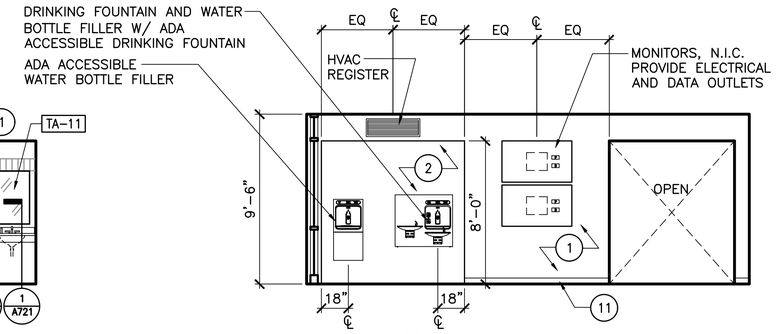
12 NURSING (103)
1/4"=1'-0"



13 NURSING (103)
1/4"=1'-0"



14 NURSING (103)
1/4"=1'-0"



15 LOBBY (105)
1/4"=1'-0"

TOILET ROOM NOTES

1. ALL METAL STUDS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
2. SEE SPECIFIED PAINT SCHEDULE.
3. REFER TO SPECIFICATIONS FOR ACCESSORIES.
4. ALL WALL TILE WT-4 UON.
5. COAT HOOKS TO BE INSTALLED IN EACH TOILET STALL ON PARTITION WALL.
6. REFER TO A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.

KEY NOTES

1. PAINTED GWB
2. CERAMIC TILE
3. CORNER GUARD(S)
4. SOLID SURFACE COUNTERTOP
5. TOILET PARTITION
6. WALL CLEANOUT (WCO)
7. SLOT LIGHT
8. LAVATORY
9. TOILET
11. BASE – SEE ROOM FINISH SCHEDULE

TOILET ACCESSORY TABLE

FIXTURE NUMBER	DESCRIPTION
TA1	Toilet Tissue Dispenser
TA2	Napkin Disposal, Surface–Mounted
TA2a	Sanitary Napkin Disposal, Partition–Mounted
TA3	Electric Hand Dryer
TA4	36" Grab Bar
TA5	42" Grab Bar
TA6	Sanitary Napkin Vending
TA7	Toilet Seat Cover Dispenser
TA8	Counter Mounted Soap Dispenser
TA9	Coat / Robe Hook
TA10	Shelf / Mop Holder
TA11	Mirror(s)
TA12	Paper Towel Dispenser
TA13	Undercounter Waste Receptacle
TA14	Wall Mounted Waste Receptacle And Paper Towel Dispenser

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGER No. 5292 STATE OF MAINE

Kayla Wenger

ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

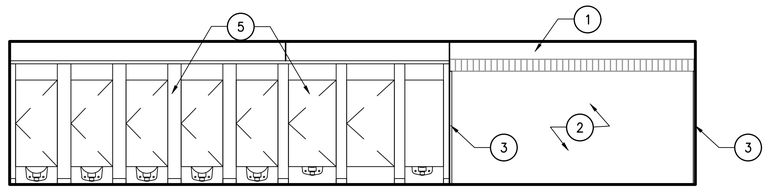
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

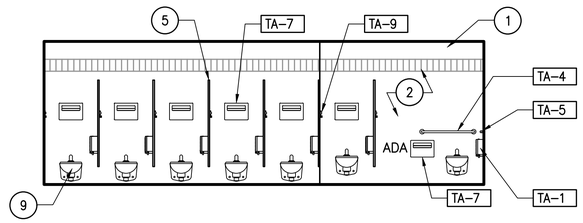
ROOM ELEVATIONS I

SHEET NUMBER
A710

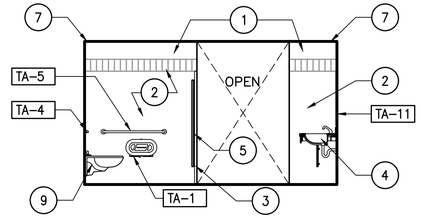
\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A710.dwg Jan 17, 2022 - 3:28pm



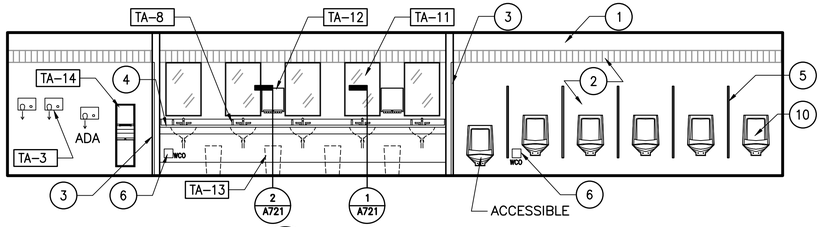
1 MEN'S TOILET (102)
1/4"=1'-0"



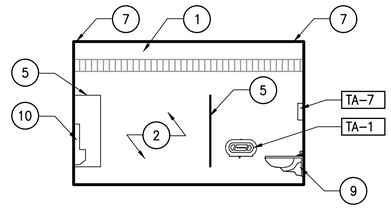
2 MEN'S TOILET (102)
1/4"=1'-0"



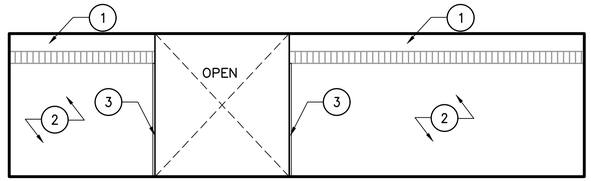
3 MEN'S TOILET (102)
1/4"=1'-0"



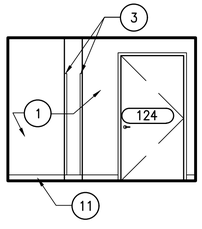
4 MEN'S TOILET (102)
1/4"=1'-0"



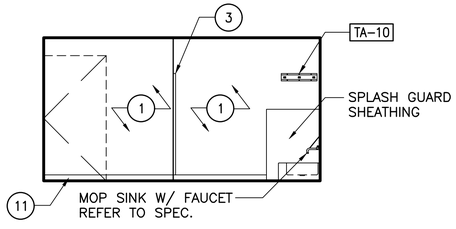
5 MEN'S TOILET (102)
1/4"=1'-0"



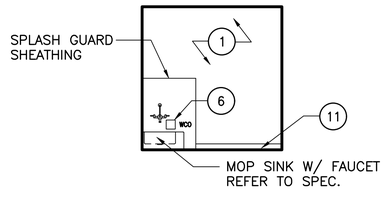
6 MEN'S TOILET (102)
1/4"=1'-0"



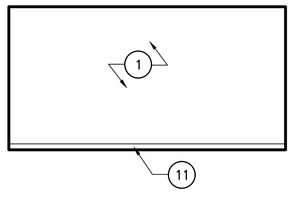
7 JANITOR CLOSET AND STORAGE (124)
1/4"=1'-0"



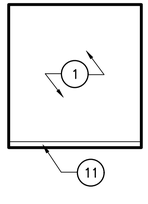
8 JANITOR CLOSET AND STORAGE (124)
1/4"=1'-0"



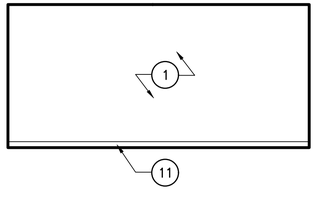
9 JANITOR CLOSET AND STORAGE (124)
1/4"=1'-0"



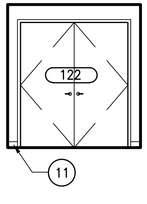
10 JANITOR CLOSET AND STORAGE (124)
1/4"=1'-0"



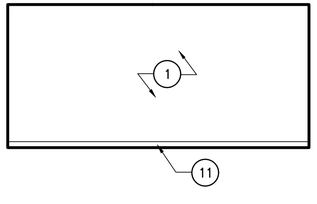
11 STORAGE (122)
1/4"=1'-0"



12 STORAGE (122)
1/4"=1'-0"



13 STORAGE (122)
1/4"=1'-0"



14 STORAGE (122)
1/4"=1'-0"

TOILET ROOM NOTES

1. ALL METAL STUDS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
2. SEE SPECIFIED PAINT SCHEDULE.
3. REFER TO SPECIFICATIONS FOR ACCESSORIES.
4. ALL WALL TILE WT-4 UON.
5. COAT HOOKS TO BE INSTALLED IN EACH TOILET STALL ON PARTITION WALL.
6. REFER TO A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.

KEY NOTES

1. PAINTED GWB
2. CERAMIC TILE
3. CORNER GUARD(S)
4. SOLID SURFACE COUNTERTOP
5. TOILET PARTITION
6. WALL CLEANOUT (WCO)
7. SLOT LIGHT
8. LAVATORY
9. TOILET
10. URINAL
11. BASE – SEE ROOM FINISH SCHEDULE

TOILET ACCESSORY TABLE

FIXTURE NUMBER	DESCRIPTION
TA1	Toilet Tissue Dispenser
TA2	Napkin Disposal, Surface–Mounted
TA2a	Sanitary Napkin Disposal, Partition–Mounted
TA3	Electric Hand Dryer
TA4	36" Grab Bar
TA5	42" Grab Bar
TA6	Sanitary Napkin Vending
TA7	Toilet Seat Cover Dispenser
TA8	Counter Mounted Soap Dispenser
TA9	Coat / Robe Hook
TA10	Shelf / Mop Holder
TA11	Mirror(s)
TA12	Paper Towel Dispenser
TA13	Undercounter Waste Receptacle
TA14	Wall Mounted Waste Receptacle And Paper Towel Dispenser

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler

ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

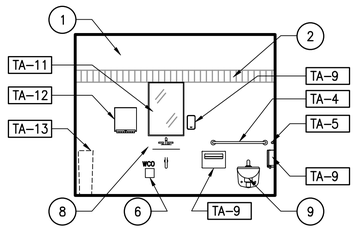
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

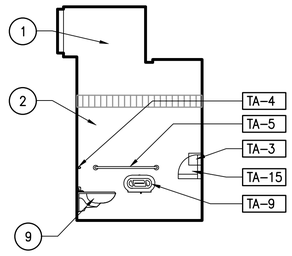
ROOM ELEVATIONS II

SHEET NUMBER
A711

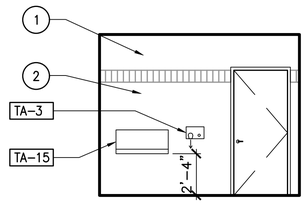
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A711.dwg Jan 17, 2022 - 3:29pm



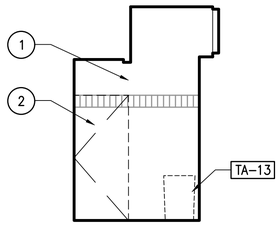
1 COMPANION CARE (104)
1/4"=1'-0"



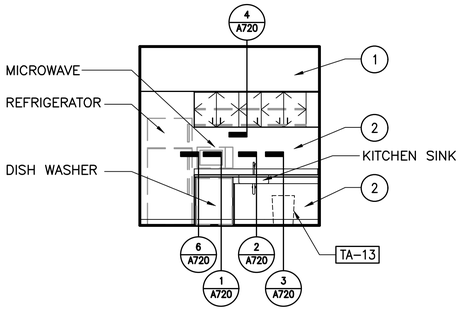
2 COMPANION CARE (104)
1/4"=1'-0"



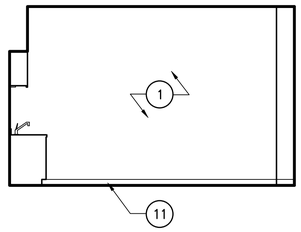
3 COMPANION CARE (104)
1/4"=1'-0"



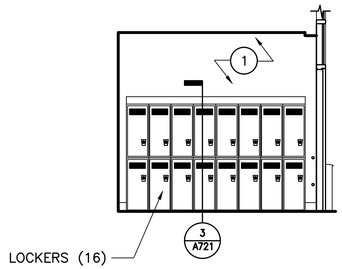
4 COMPANION CARE (104)
1/4"=1'-0"



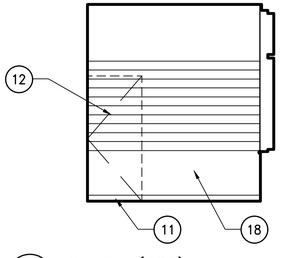
5 BREAKROOM / KITCHEN (115)
1/4"=1'-0"



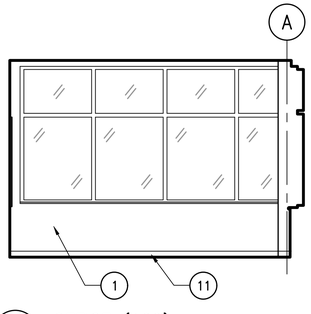
6 BREAKROOM / KITCHEN (115)
1/4"=1'-0"



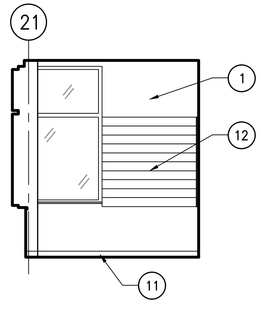
7 BREAKROOM / KITCHEN (115)
1/4"=1'-0"



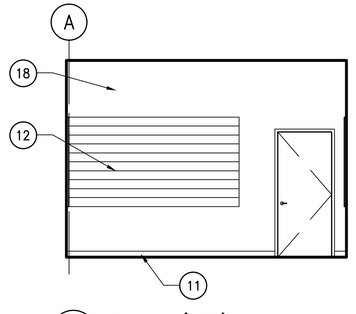
8 OFFICE (109)
1/4"=1'-0"



9 OFFICE (109)
1/4"=1'-0"



10 OFFICE (109)
1/4"=1'-0"



11 OFFICE (109)
1/4"=1'-0"

TOILET ROOM NOTES

1. ALL METAL STUDS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
2. SEE SPECIFIED PAINT SCHEDULE.
3. REFER TO SPECIFICATIONS FOR ACCESSORIES.
4. ALL WALL TILE WT-4 UON.
5. REFER TO SHEET A-004 FOR MOUNTING TYPICAL HEIGHTS.
6. REFER TO A004 & A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.

TOILET KEY NOTES

1. PAINTED GWB
2. CERAMIC TILE
3. CORNER GUARD(S)
4. SOLID SURFACE COUNTERTOP
5. TOILET PARTITION
6. WALL CLEANOUT (WCO)
7. WALL MOUNTED LIGHT
8. LAVATORY
9. TOILET
11. BASE – SEE ROOM FINISH SCHEDULE
12. WOOD SLAT WALL
18. TONGUE & GROOVE PLANK SYSTEM, REFER TO PARTITION TYPES

TOILET ACCESSORY TABLE

FIXTURE NUMBER	DESCRIPTION
TA1	Toilet Tissue Dispenser
TA2	Napkin Disposal, Surface-Mounted
TA2a	Sanitary Napkin Disposal, Partition-Mounted
TA3	Electric Hand Dryer
TA4	36" Grab Bar
TA5	42" Grab Bar
TA6	Sanitary Napkin Vending
TA7	Toilet Seat Cover Dispenser
TA8	Counter Mounted Soap Dispenser
TA9	Coat / Robe Hook
TA10	Shelf / Mop Holder
TA11	Mirror(s)
TA12	Paper Towel Dispenser
TA13	Undercounter Waste Receptacle
TA14	Wall Mounted Waste Receptacle And Paper Towel Dispenser
TA15	Wall Mounted Diaper Changing Station; MFR and Model TBD

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

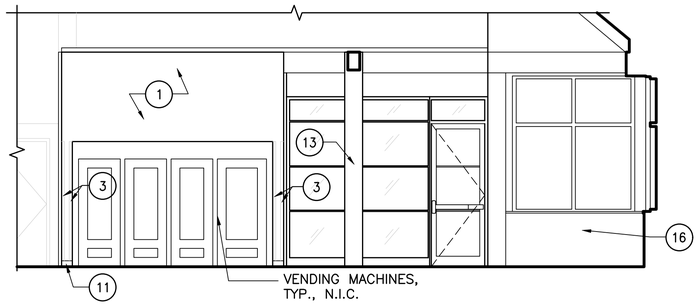
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

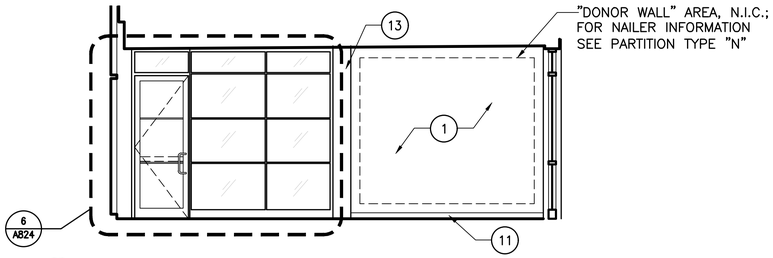
ROOM ELEVATIONS III

SHEET NUMBER
A712

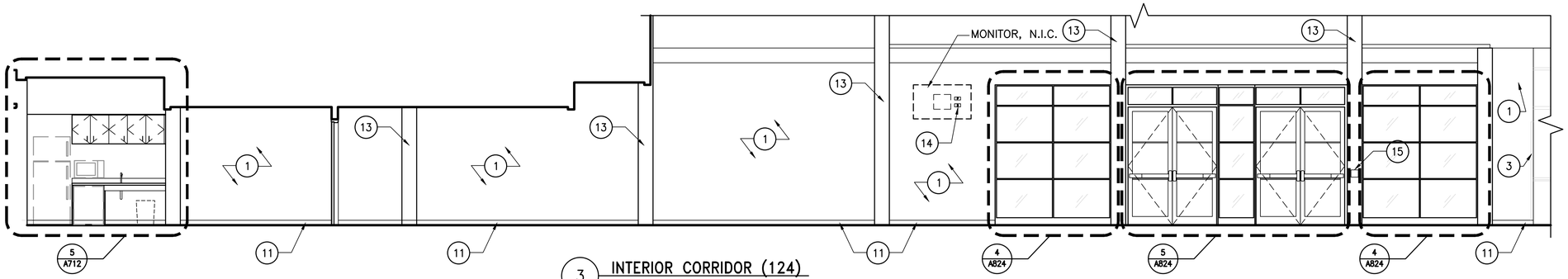
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A712.dwg Jan 17, 2022 - 3:29pm



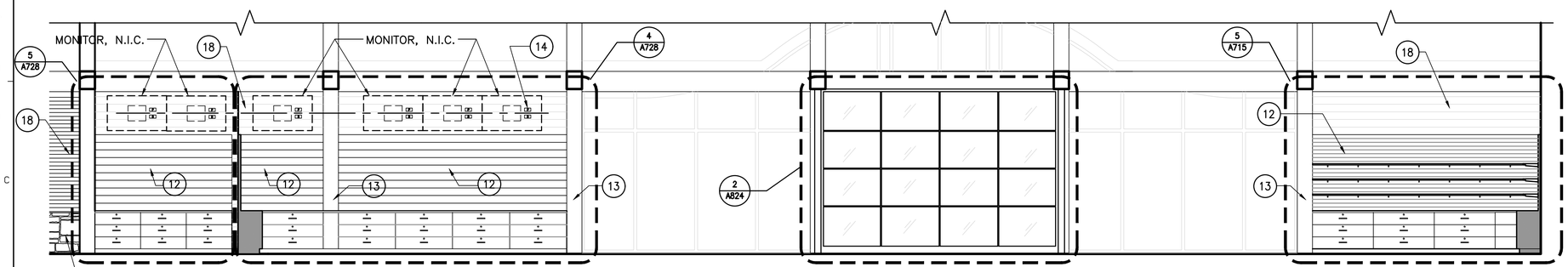
1 PASSANGER WAITING (106)
1/4"=1'-0"



2 LOBBY/VESTIBULE (105)
1/4"=1'-0"



3 INTERIOR CORRIDOR (124)
1/4"=1'-0"



4 REGIONAL INFORMATION AREA (108)
1/4"=1'-0"

GENERAL NOTES

1. ALL METAL STUDS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
2. SEE SPECIFIED PAINT SCHEDULE.
3. REFER TO SPECIFICATIONS FOR ACCESSORIES.
4. ALL WALL TILE WT-4 UON.
5. REFER TO A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.

KEY NOTES

1. PAINTED GWB
2. CERAMIC TILE
3. CORNER GUARD(S)
4. SOLID SURFACE COUNTERTOP
11. BASE – SEE ROOM FINISH SCHEDULE
12. WOOD SLAT WALL
13. WOOD TIMBER COLUMN
14. ELECTRICAL & DATA OUTLETS
15. AUTOMATIC DOOR PUSH BUTTON
16. 1"± THK. STONE VENEER, REFER TO SPECIFICATIONS
17. INDOOR COUNTER SWING GATE AND PANELS; PRODUCT / MODEL TBD
18. ACOUSTIC WOOD-LOOKS PANELS

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wenger
SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

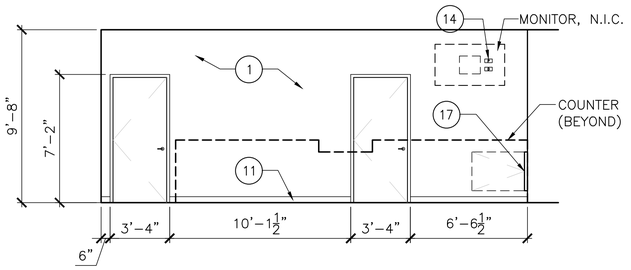
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ROOM ELEVATIONS V

SHEET NUMBER
A714

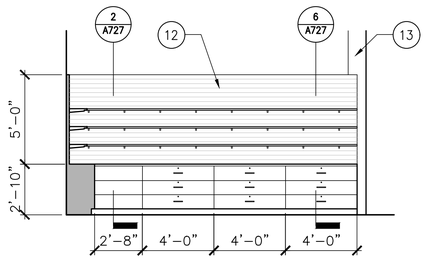
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\900_CAD\Sheet\A714.dwg Jan 17, 2022 - 3:30pm



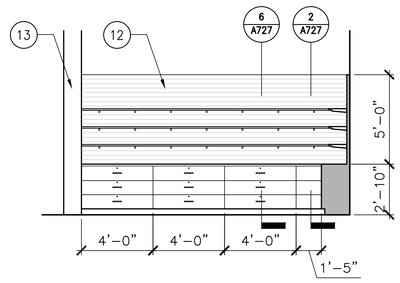
1 NPS/ENS AND ENS BACKWALL (112 & 113)
1/4"=1'-0"

2 NOT USED
1/4"=1'-0"

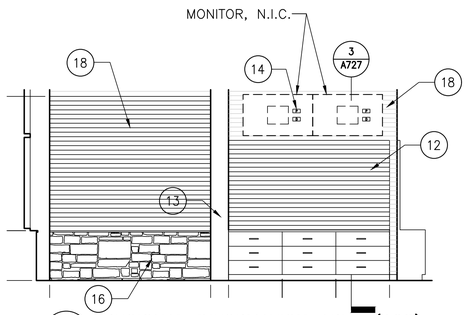
3 NOT USED
1/4"=1'-0"



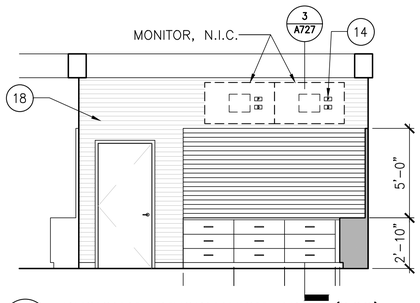
4 NPS/ENS AREA (112)
1/4"=1'-0"



5 NPS/ENS AREA (112)
1/4"=1'-0"

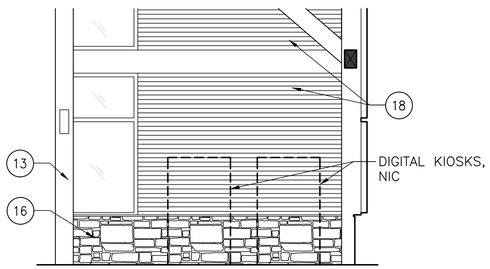


6 REGIONAL INFORMATION AREA (108)
1/4"=1'-0"

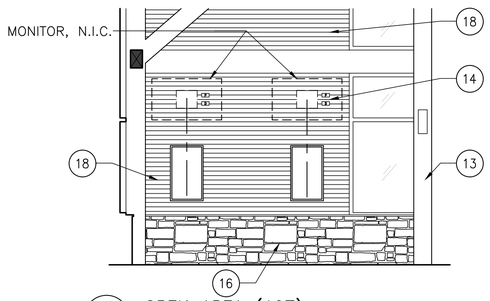


7 REGIONAL INFORMATION AREA (108)
1/4"=1'-0"

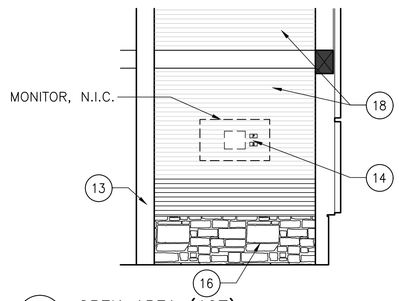
8 NOT USED
1/4"=1'-0"



9 REGIONAL INFORMATION AREA (108)
1/4"=1'-0"



10 OPEN AREA (107)
1/4"=1'-0"



11 OPEN AREA (107)
1/4"=1'-0"

GENERAL NOTES

1. ALL METAL STUDS TO BE GALVANIZED UNLESS OTHERWISE NOTED.
2. SEE SPECIFIED PAINT SCHEDULE.
3. REFER TO SPECIFICATIONS FOR ACCESSORIES.
4. ALL WALL TILE WT-4 UON.
5. REFER TO A005 FOR TYPICAL MOUNTING HEIGHTS AND CLEARANCES REQUIRED.

KEY NOTES

1. PAINTED GWB
3. CORNER GUARD(S)
4. SOLID SURFACE COUNTERTOP
11. BASE – SEE ROOM FINISH SCHEDULE
12. WOOD SLAT WALL
13. WOOD TIMBER COLUMN
14. ELECTRICAL & DATA OUTLETS
15. AUTOMATIC DOOR PUSH BUTTON
16. 1"± THK. STONE VENEER, REFER TO SPECIFICATIONS
17. INDOOR COUNTER SWING GATE AND PANELS; PRODUCT / MODEL TBD
18. ACOUSTIC WOOD-LOOKS PANELS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE

ARCH. LIN. NUMBER ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

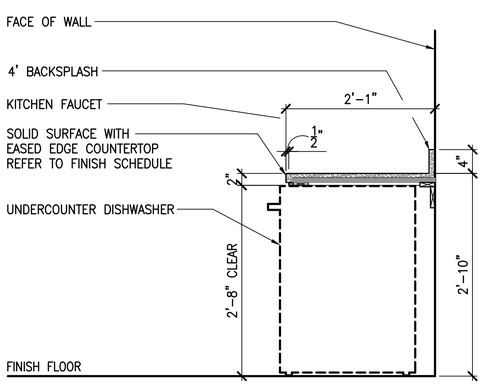
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ROOM ELEVATIONS VI

SHEET NUMBER
A715

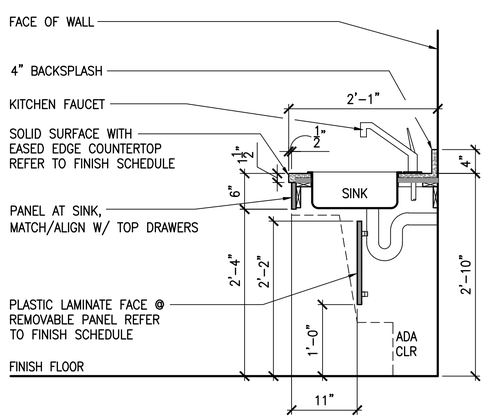
AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A715.dwg Mar 08, 2022 - 4:09pm



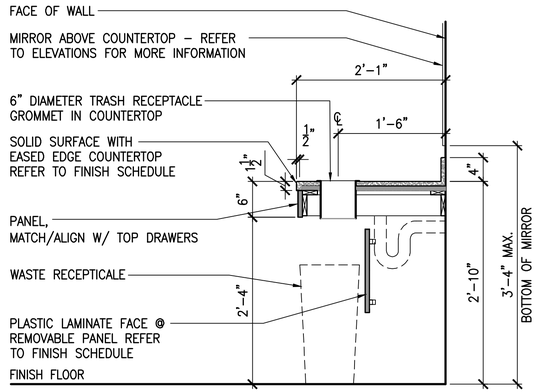
NOTE: PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR CABINET INSTALLATION.

1 LOWER CABINET MILLWORK @ DISHWASHER
1"=1'-0"



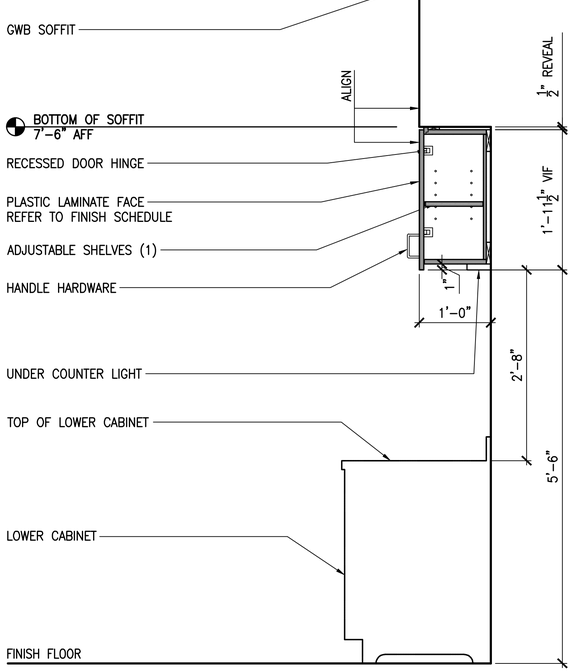
NOTE: PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR CABINET INSTALLATION.

2 LOWER CABINET MILLWORK @ ADA SINK W/PANEL
1"=1'-0"



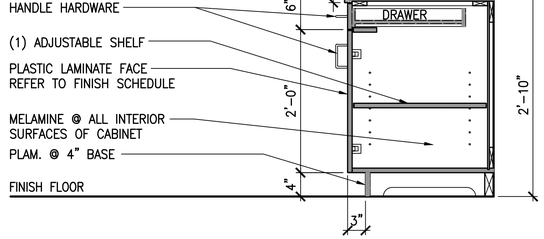
NOTES: 1. PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR COUNTERTOP INSTALLATION.

3 LOWER CABINET MILLWORK W/DOOR & DRAWER
1"=1'-0"



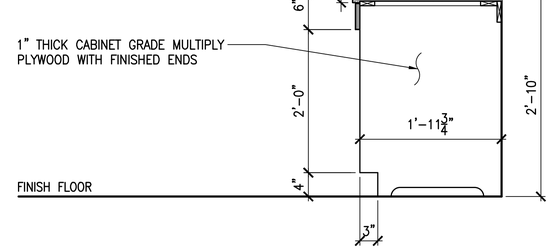
NOTE: PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR CABINET INSTALLATION.

4 UPPER CABINET MILLWORK
1"=1'-0"



NOTES: 1. ALL TOP DRAWERS AND PANEL AT SINK SHALL BE THE SAME SIZE AND ALIGN.
2. PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR CABINET INSTALLATION.

5 LOWER CABINET MILLWORK W/DOOR & DRAWER
1"=1'-0"



6 LOWER CABINET MILLWORK END
1"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE

ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

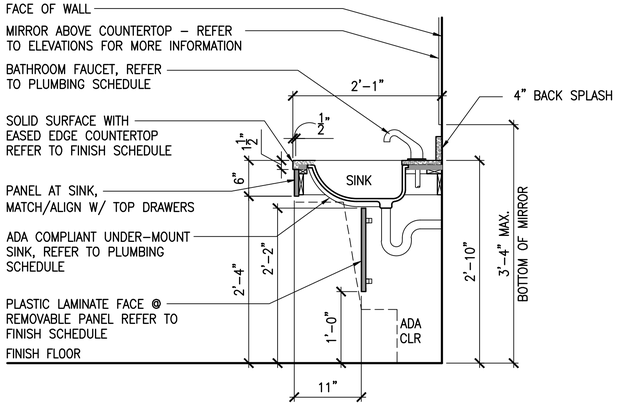
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

MILLWORK I

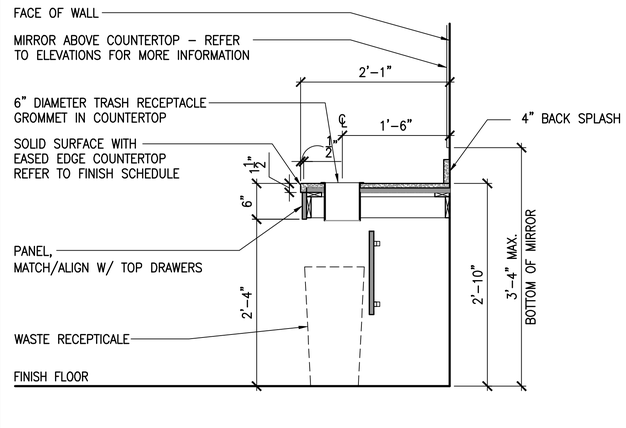
SHEET NUMBER
A720

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A720.dwg Jan 17, 2022 - 3:31pm



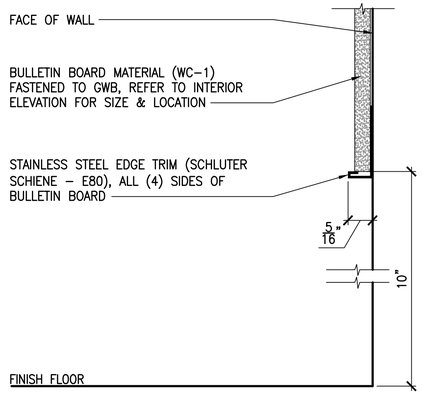
NOTES: 1. PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR CABINET INSTALLATION.

1 LAVATORY COUNTERTOP @ ADA SINK W/PANEL
1"=1'-0"

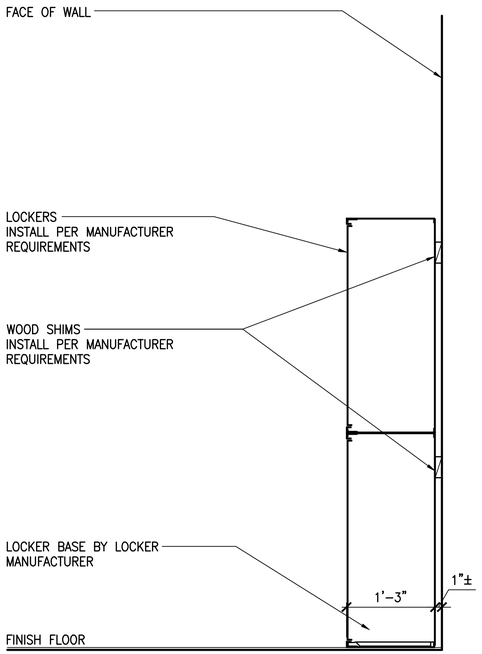


NOTES: 1. PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR COUNTERTOP INSTALLATION.

2 LAVATORY COUNTERTOP
1"=1'-0"



3 SECTION DETAIL @ BULLETIN BOARD
1"=1'-0"



NOTES: 1. PROVIDE BLOCKING AT WALLS WHERE REQUIRED FOR LOCKER INSTALLATION.

4 LOCKER DETAIL @ ADA BASE
1"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED P/N NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

SIGNATURE
ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

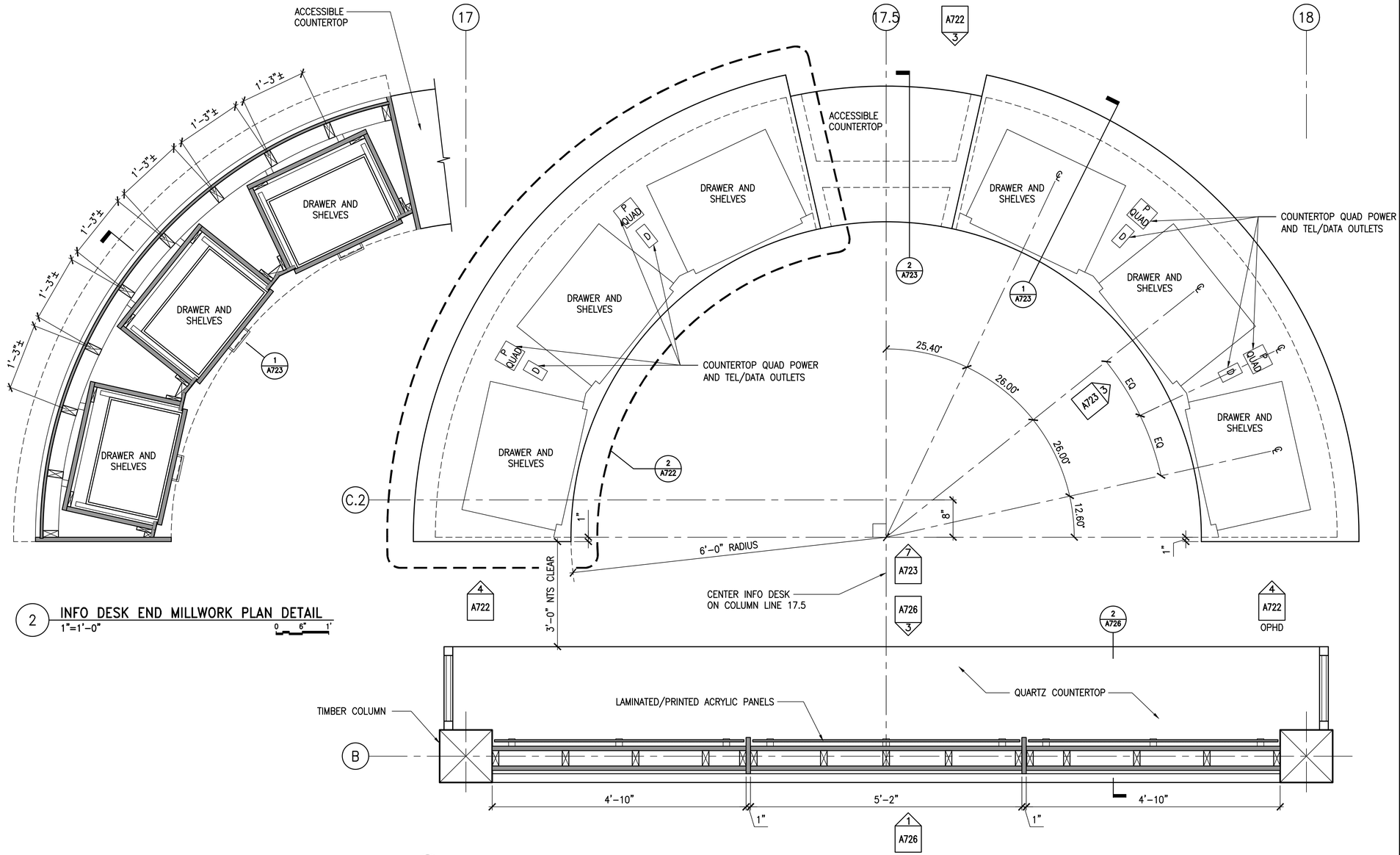
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

MILLWORK II

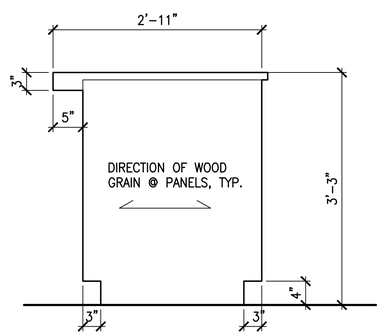
SHEET NUMBER
A721

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A721.dwg Jan 17, 2022 - 3:31pm

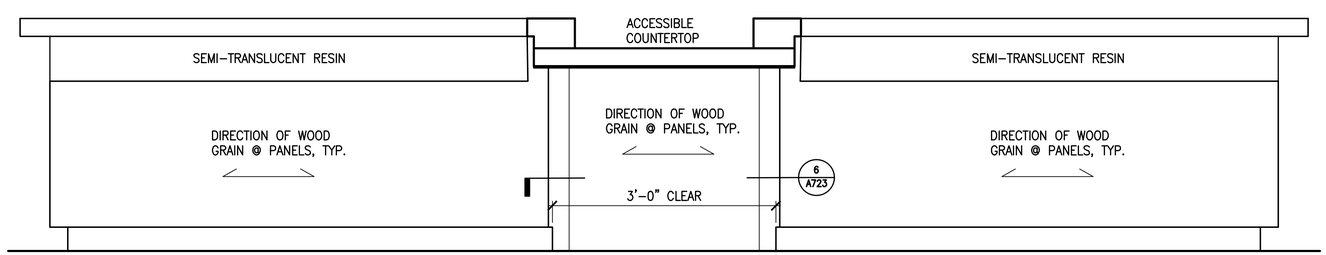


2 INFO DESK END MILLWORK PLAN DETAIL
1"=1'-0"

1 INFO DESK ENLARGED PLAN
1"=1'-0"



4 INFO DESK END MILLWORK ELEVATION
1"=1'-0"



3 INFO DESK FRONT ELEVATION
1"=1'-0"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE

ARCH. LIC. NUMBER
ARC5292

DATE JANUARY 17, 2022

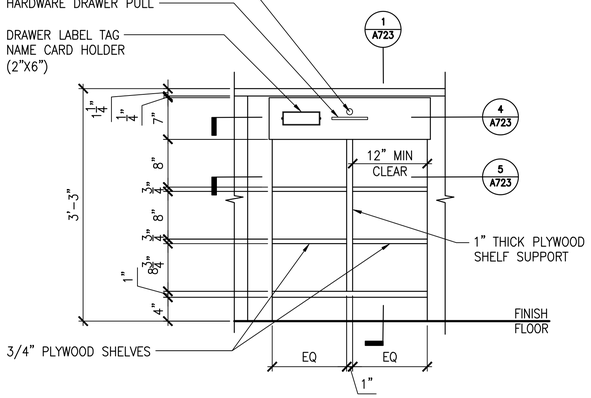
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER
MILLWORK III

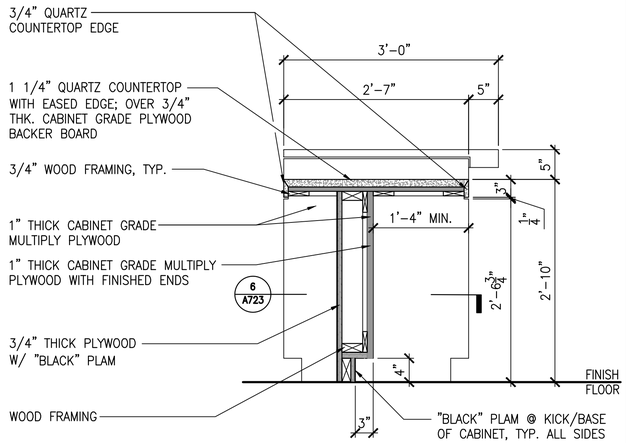
SHEET NUMBER
A722

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

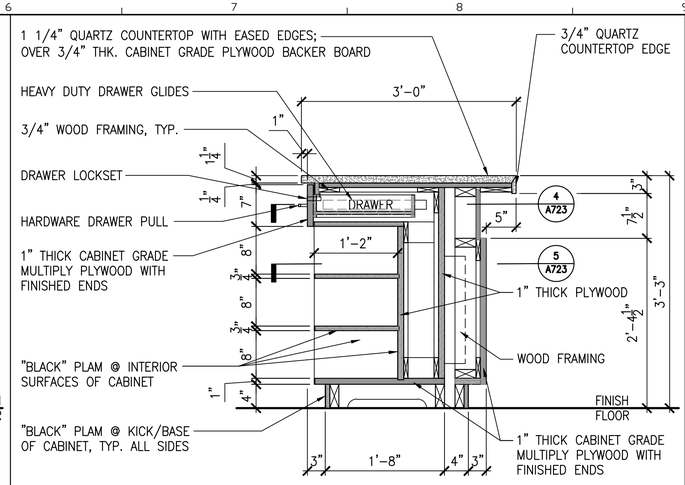
\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A722.dwg Jan 17, 2022 - 3:32pm



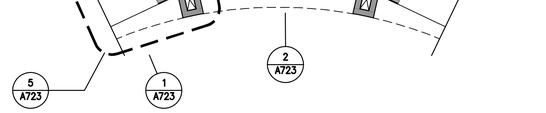
3 INFO DESK DRAWER AND SHELF MILLWORK ELEVATION
1"=1'-0"



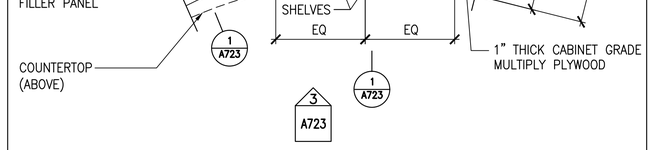
2 INFO DESK ACCESSIBLE MILLWORK SECTION
1"=1'-0"



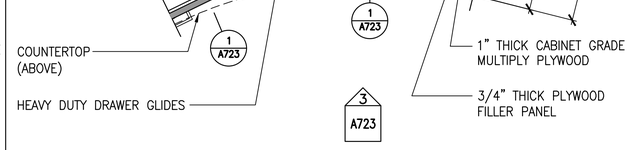
1 INFO DESK DRAWER AND SHELF MILLWORK SECTION
1"=1'-0"



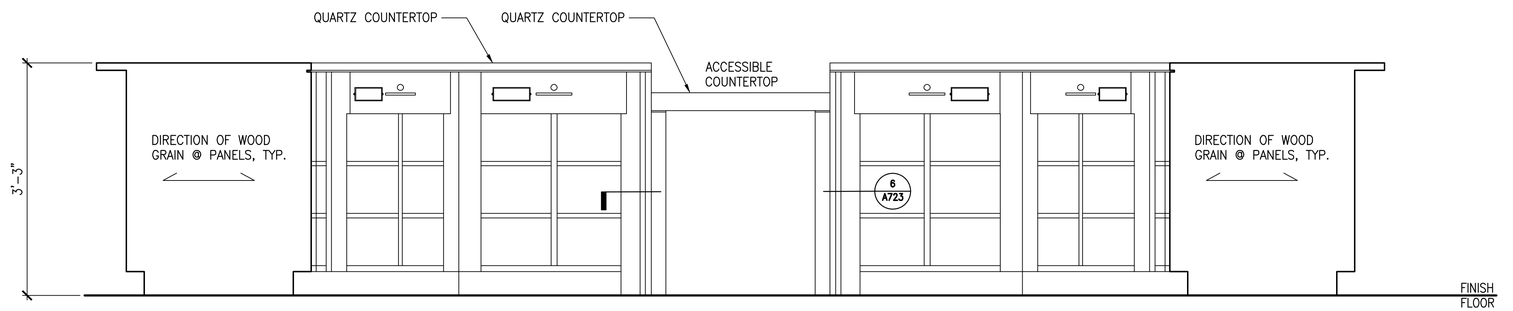
6 INFO DESK ACCESSIBLE MILLWORK PLAN DETAIL
1"=1'-0"



5 INFO DESK SHELVES MILLWORK PLAN DETAIL
1"=1'-0"



4 INFO DESK DRAWER MILLWORK PLAN DETAIL
1"=1'-0"



7 INFO DESK BACK ELEVATION
1"=1'-0"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE

ARCH. LIC. NUMBER
ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

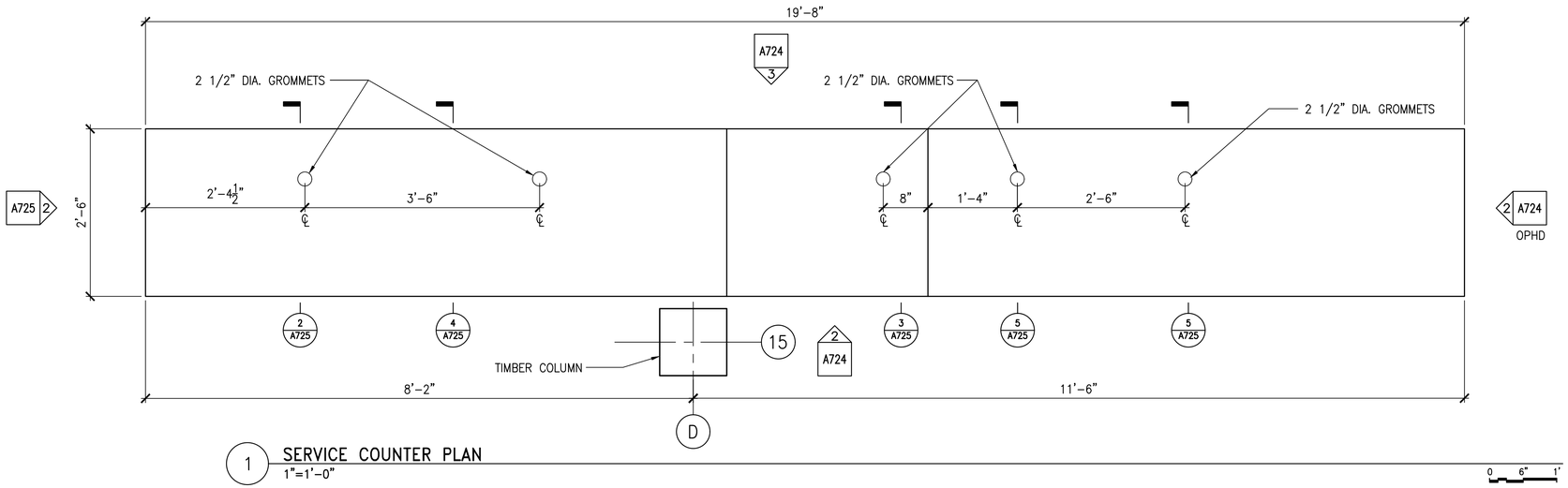
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

MILLWORK IV

SHEET NUMBER
A723

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

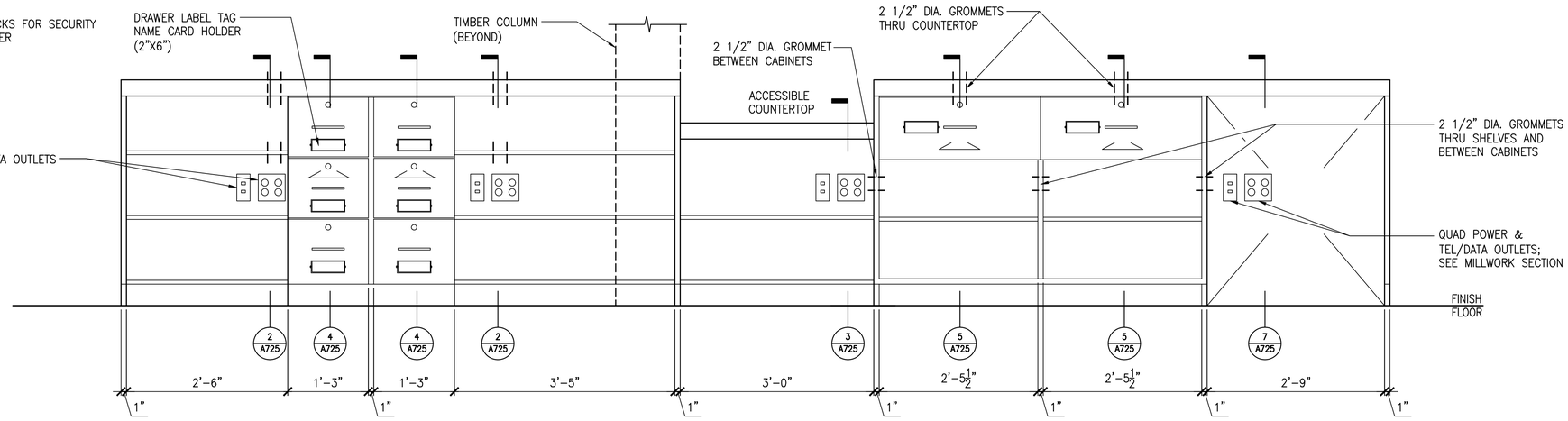
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A723.dwg Jan 20, 2022 - 5:56pm



1 SERVICE COUNTER PLAN
1"=1'-0"

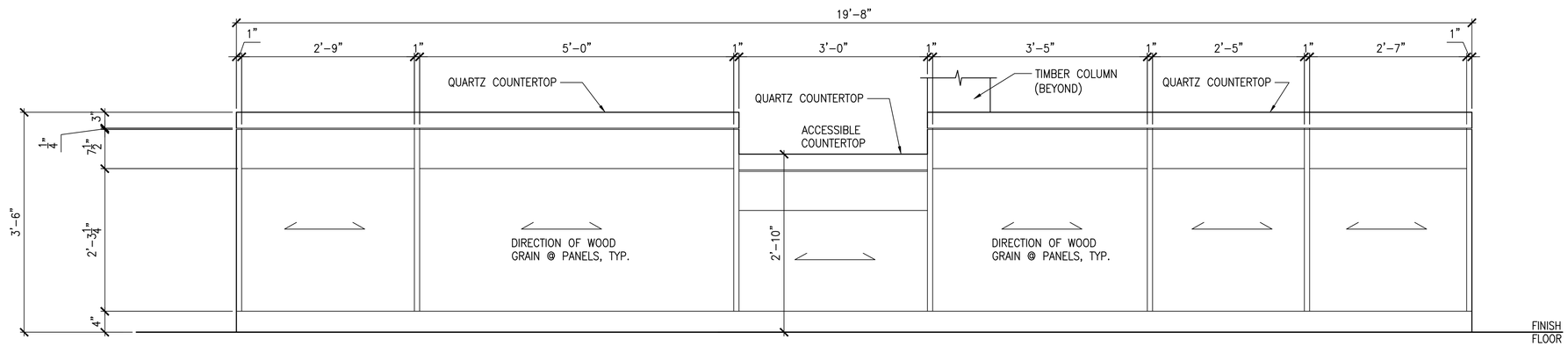
0 6" 1'

NOTE:
ALL DRAWERS TO HAVE LOCKS FOR SECURITY
TYPICAL AT SERVICE COUNTER



2 SERVICE COUNTER REAR ELEVATION
1"=1'-0"

0 6" 1'



3 SERVICE COUNTER FRONT ELEVATION
1"=1'-0"

0 6" 1'

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE

ARCH. LIN. NUMBER
ARC5292

DATE JANUARY 17, 2022

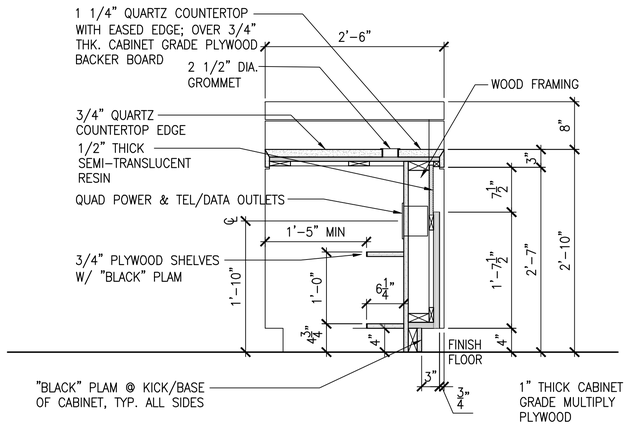
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

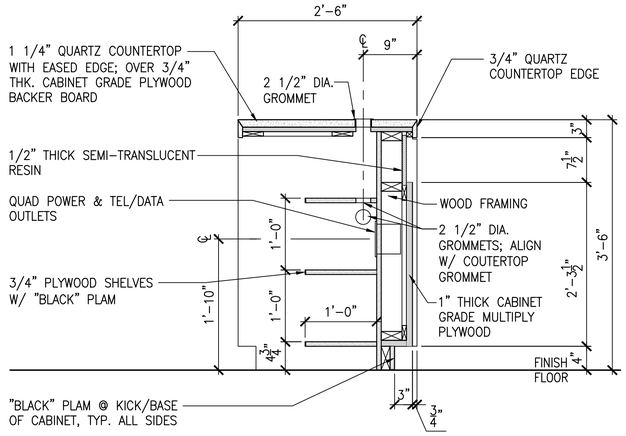
MILLWORK V

SHEET NUMBER
A724

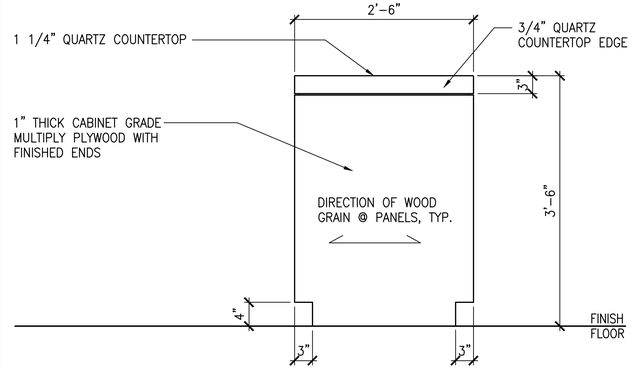
\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A724.dwg Jan 28, 2022 - 9:32am



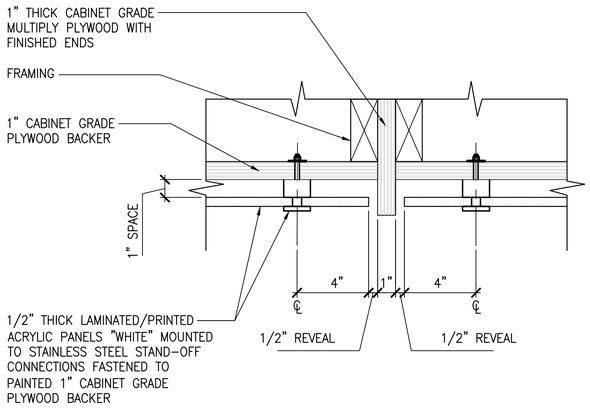
3 SERVICE COUNTER ACCESSIBLE MILLWORK SECTION
1"=1'-0"



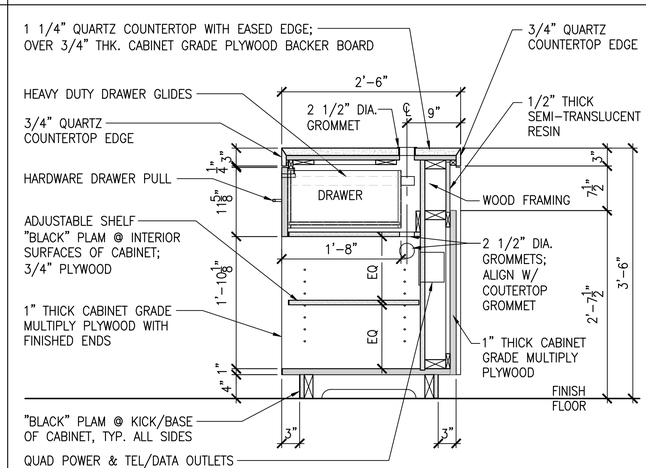
2 SERVICE COUNTER WORK STATION MILLWORK SECTION
1"=1'-0"



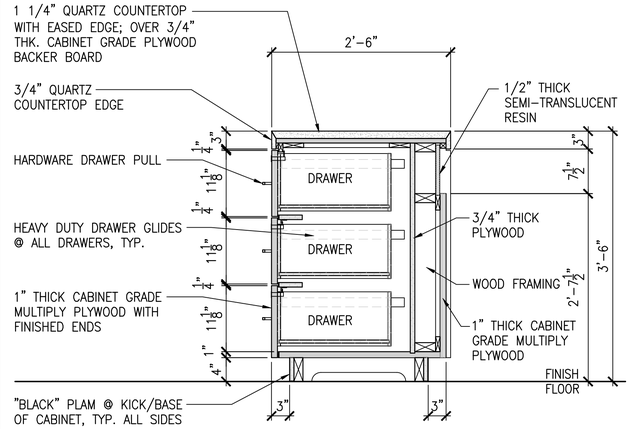
1 SERVICE COUNTER END MILLWORK ELEVATION
1"=1'-0"



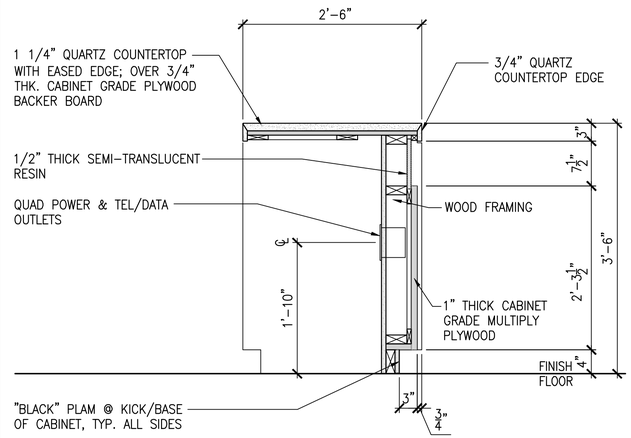
6 LAMINATED ACRYLIC PANEL DETAIL
3"=1'-0"



5 SERVICE COUNTER DRAWER AND SHELF MILLWORK SECTION
1"=1'-0"



4 SERVICE COUNTER DRAWER MILLWORK SECTION
1"=1'-0"



7 SERVICE COUNTER WORK STATION MILLWORK SECTION
1"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE

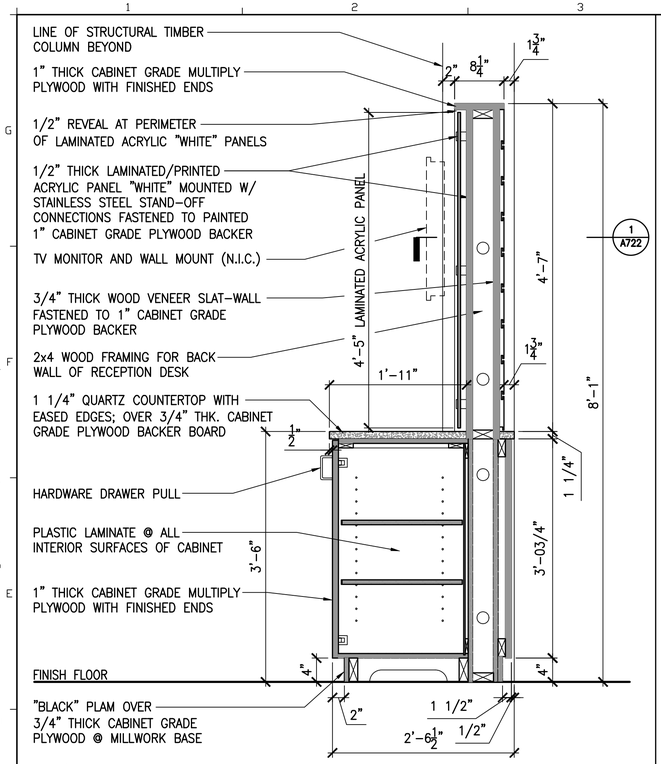
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

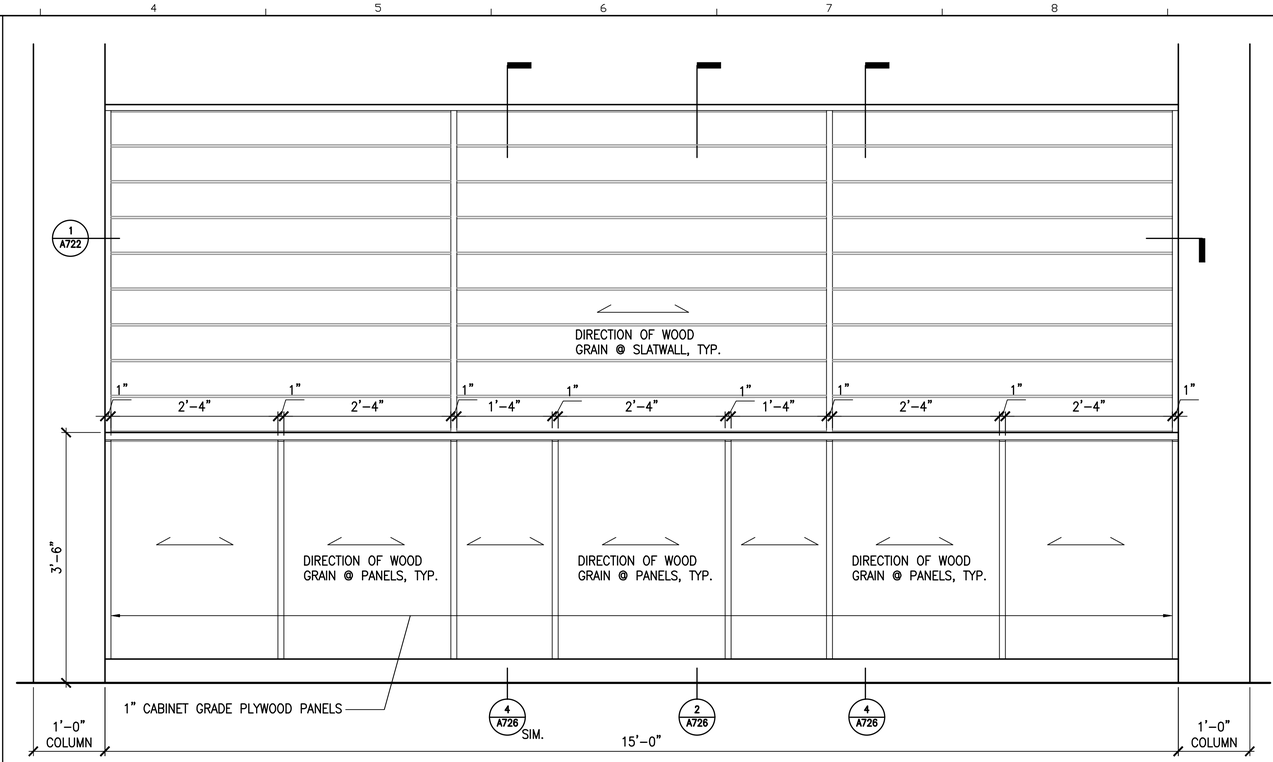
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER
MILLWORK VI

SHEET NUMBER
A725

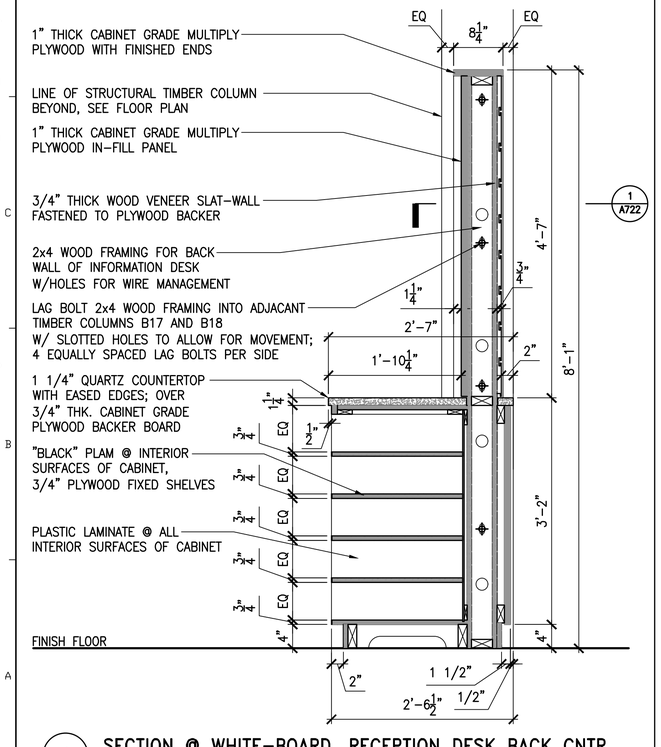
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A725.dwg Jan 28, 2022 - 9:26am



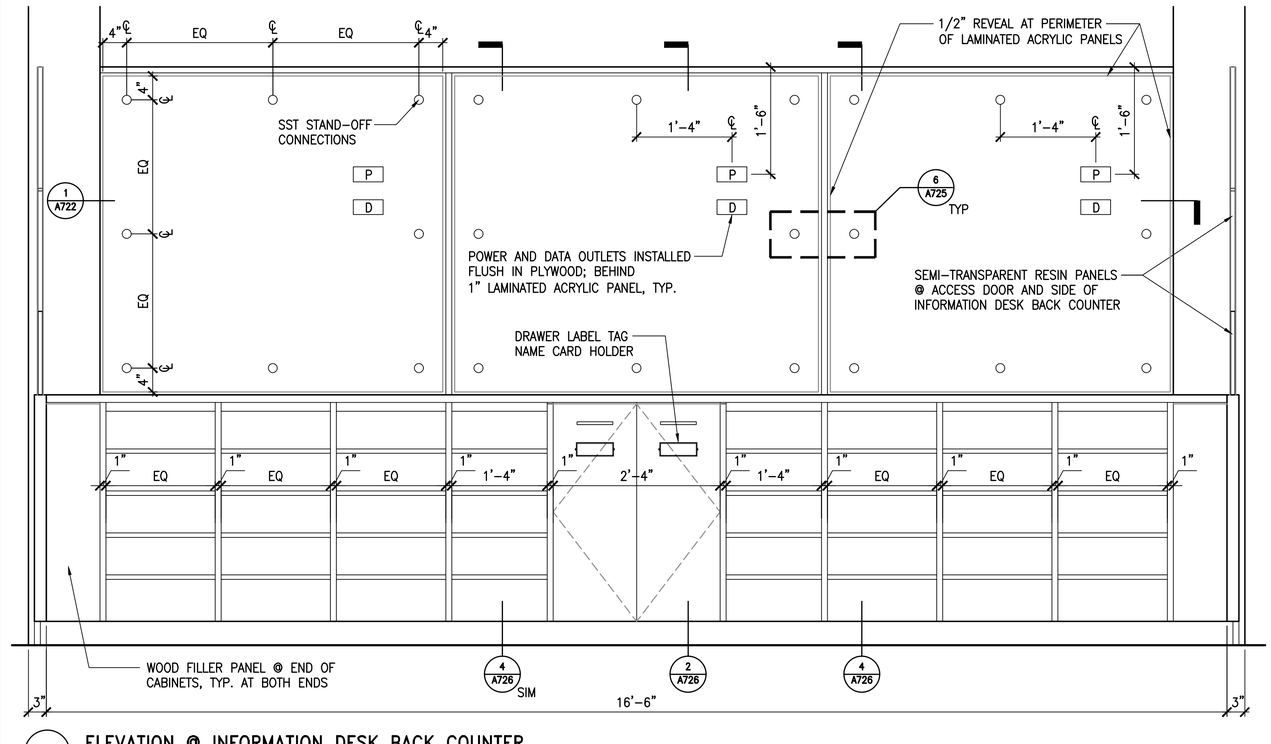
2 SECTION @ LOCKABLE AV STRG., INFO. DESK BACK CNTR.
1"=1'-0"



1 BACK ELEVATION @ INFORMATION DESK BACK COUNTER
1"=1'-0"



4 SECTION @ WHITE-BOARD, RECEPTION DESK BACK CNTR.
1"=1'-0"



3 ELEVATION @ INFORMATION DESK BACK COUNTER
1"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT KAYLA MICHELLE WENGLER No. 5292 STATE OF MAINE

Kayla Wengler
SIGNATURE

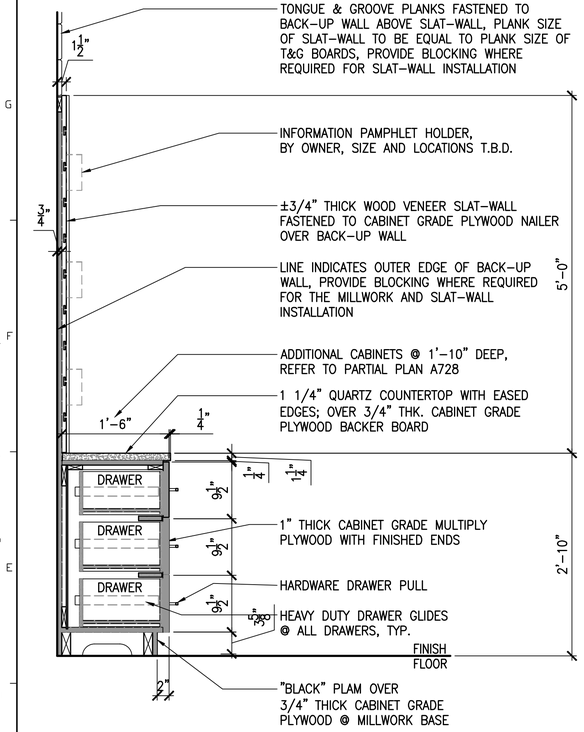
ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

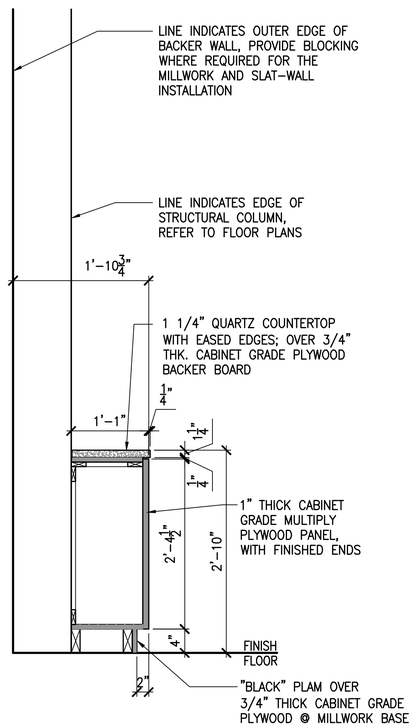
MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER
MILLWORK VII

SHEET NUMBER
A726

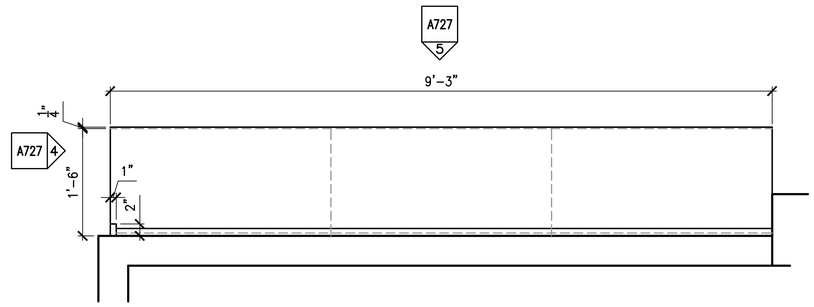
\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A726.dwg Jan 17, 2022 - 3:33pm



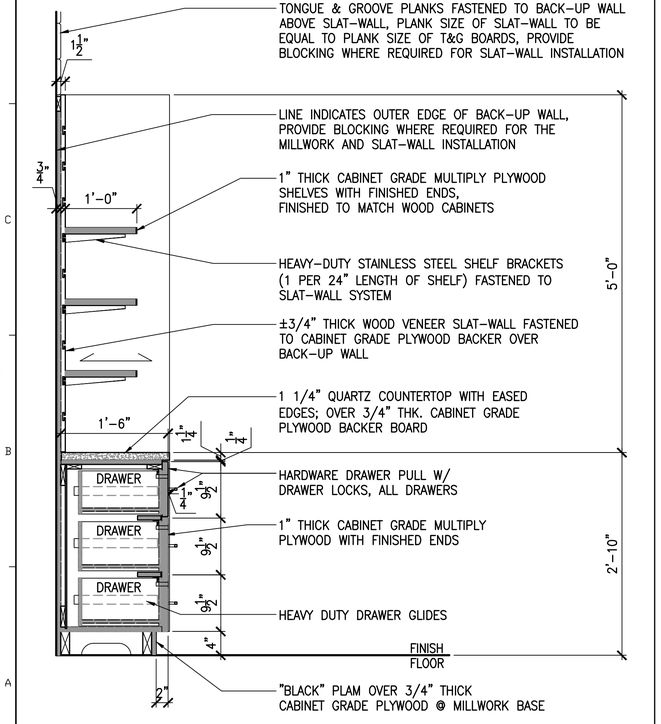
3 SECTION @ REGIONAL INFO. CABINET / SLAT-WALL
1"=1'-0"



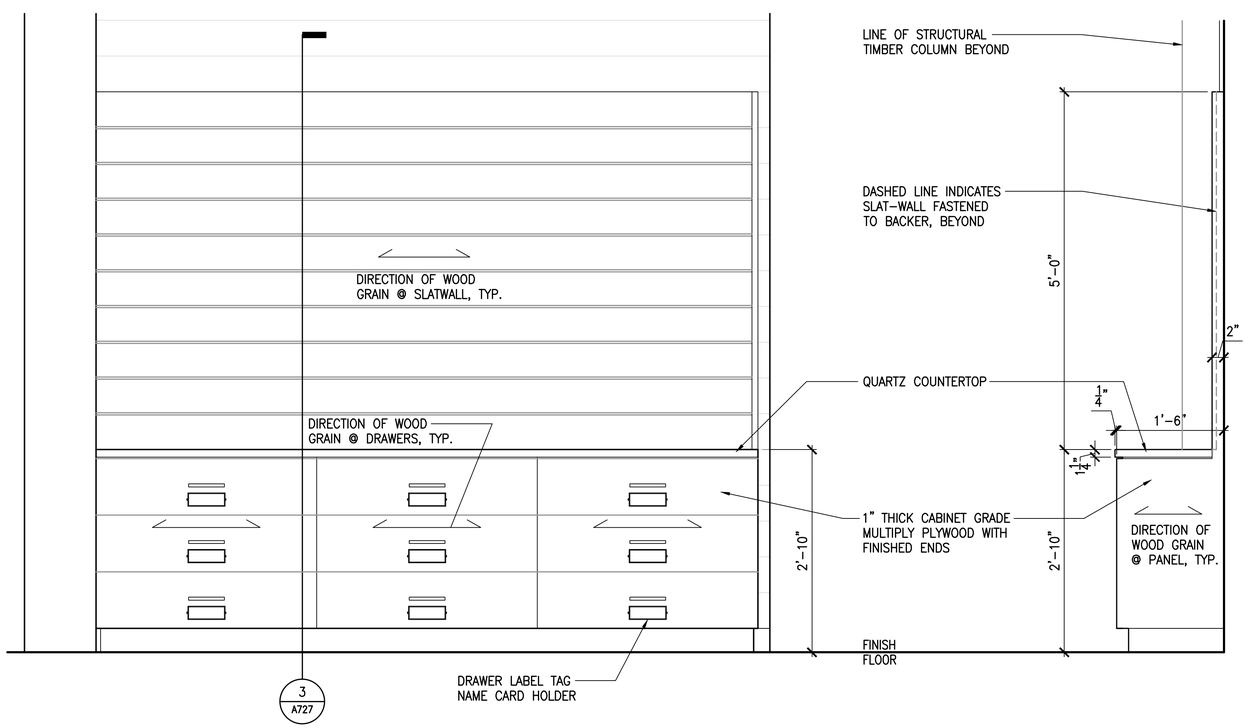
2 SECTION @ REGIONAL INFO. FILLER CABINET
1"=1'-0"



1 PARTIAL PLAN @ REGIONAL INFO. AREA
1"=1'-0"



6 SECTION @ REGIONAL INFO. CAB./SLAT-WALL/SHELVES
1"=1'-0"



5 ELEVATION @ REGIONAL INFO. AREA
1"=1'-0"

4 SIDE ELEVATION @ REGIONAL INFO. AREA
1"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

Kayla Wengler
SIGNATURE

ARCH. LIN. NUMBER
ARC5292

DATE JANUARY 17, 2022

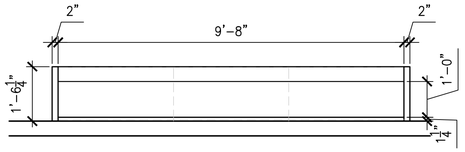
PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

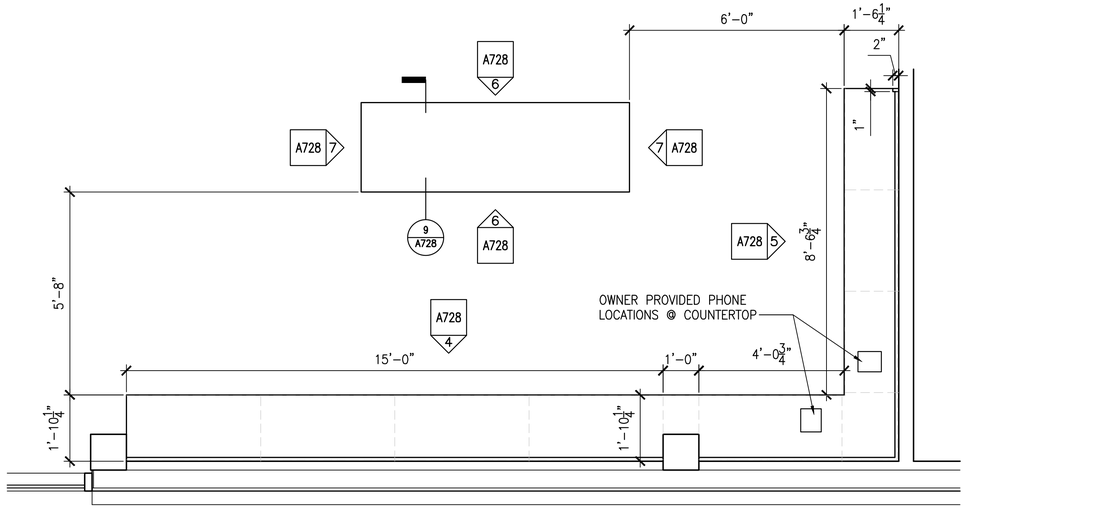
MILLWORK VIII

SHEET NUMBER
A727

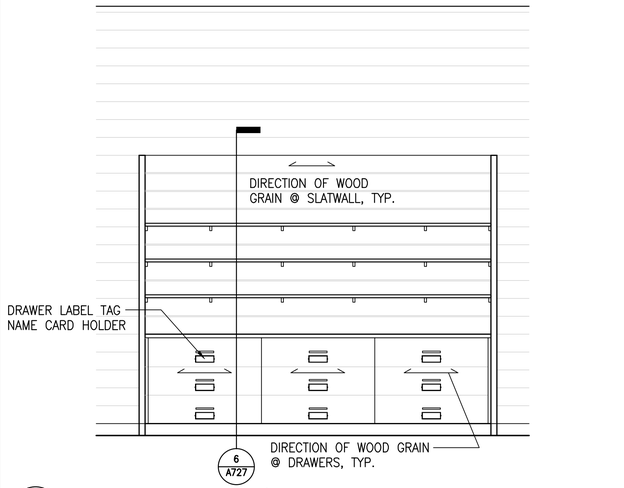
\\na.aecomnet.com\ifs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A727.dwg Jan 17, 2022 - 3:34pm



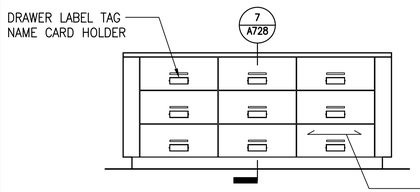
2 PARTIAL PLAN @ RETAIL/BOOKSTORE WALL CABINETS
1/2"=1'-0"



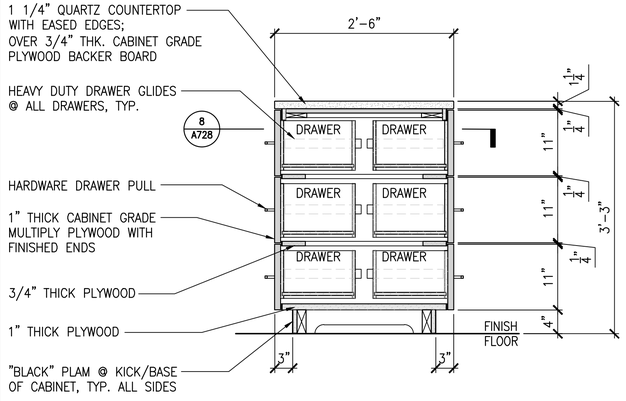
1 PARTIAL PLAN @ REGIONAL INFO. AREA
1/2"=1'-0"



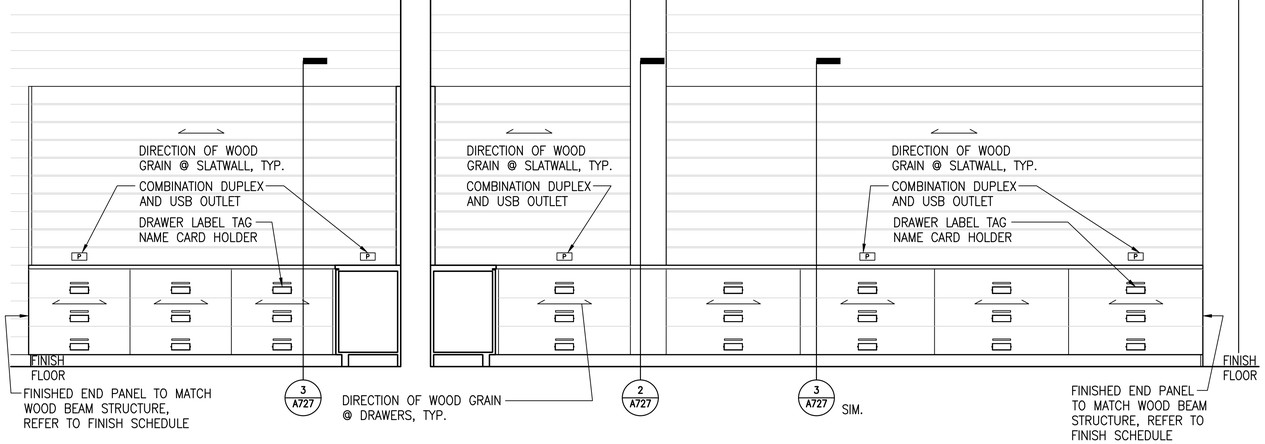
3 ELEVATION @ RETAIL/BOOKSTORE WALL CABINETS
1/2"=1'-0"



6 ELEVATION @ REGIONAL INFO. AREA
1/2"=1'-0"

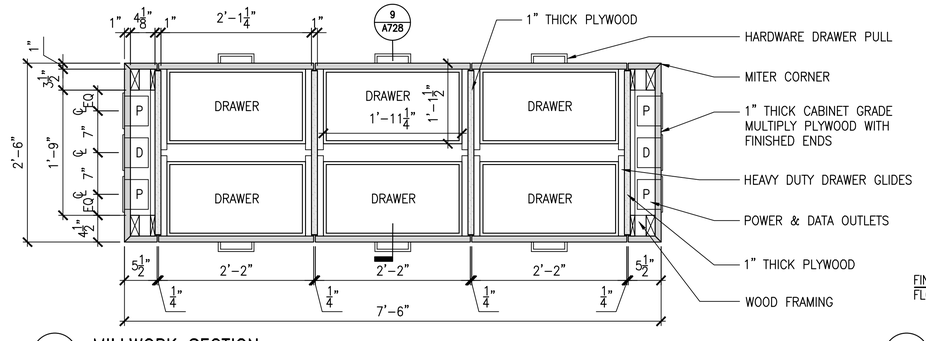


9 MILLWORK SECTION
1"=1'-0"

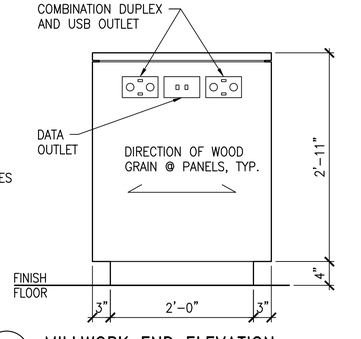


5 ELEVATION @ REGIONAL INFO. AREA
1/2"=1'-0"

4 ELEVATION @ REGIONAL INFO. AREA
1/2"=1'-0"



8 MILLWORK SECTION
1"=1'-0"



7 MILLWORK END ELEVATION
1"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	
FED PIN NO:	NA
WIN NO:	017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

ARCH. LIN. NUMBER ARC5292
DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

MILLWORK IX

SHEET NUMBER
A728

\\na.aecomnet.com\fs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A728.dwg Jan 26, 2022 - 11:54am

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING			NOTES
		FINISH	COLOR	FINISH	COLOR	FINISH	COLOR	FINISH	COLOR	FINISH	COLOR	FINISH	COLOR	FINISH	COLOR	HEIGHT	
001	FIRE PUMP ROOM	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
002	WATER ROOM	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
003	ELECTRICAL ROOM	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
004	MECHANICAL ROOM 1	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
005	STAIR 1	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
006	CORRIDOR	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
007	TELCOM ROOM	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
008	MECHANICAL ROOM 2	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
009	EMERGENCY ELECTRICAL CLOSET	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
101	WOMEN'S TOILET	T-1	--	TB-1	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	ACT-1	WHITE	8'-0"	
102	MEN'S TOILET	T-1	--	TB-1	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	ACT-1	WHITE	8'-0"	
103	NURSING	T-1	--	TB-1	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	ACT-1	WHITE	8'-0"	
104	COMPANION CARE	T-1	--	TB-1	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	WT-4/5/6	--	ACT-1	WHITE	8'-0"	
105	LOBBY / VESTIBULE	FL-1	--	TB-1	--	--	--	PT-1	WHITE	--	--	PT-1	WHITE	WDC-1	--	9'-6"	
106	PASSENGER WAITING AND EXHIBITS	FL-1	--	TB-1	--	STVR	--	STVR	--	--	--	STVR	--	WOOD	STAIN	--	
107	OPEN AREA	FL-1	--	TB-1	--	STVR/WDAT	--	STVR/WDAT	--	STVR/WDAT	--	--	--	WOOD	STAIN	--	
108	REGIONAL INFORMATION AREA	FL-1	--	TB-1	--	--	--	STVR/WDAT	--	STVR/WDAT	--	--	--	WOOD	STAIN	--	
109	MTA OFFICE	CPT-1	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	11'-0"	
110	OPEN AREA	FL-1	--	TB-1	--	--	--	--	--	--	--	--	--	WOOD	STAIN	--	
111	INFORMATION COUNTER	FL-1	--	TB-1	--	--	--	--	--	--	--	--	--	WOOD	STAIN	--	
112	NPS/ENS AREA	FL-1	--	TB-1	--	--	--	--	--	WDTG	--	PT-1	WHITE	WOOD	STAIN	--	
113	NPS/ENS COUNTER	FL-1	--	TB-1	--	PT-1	WHITE	--	--	PT-1	WHITE	PT-1	WHITE	WDC-1	--	8'-0"	
114	CORRIDOR	FL-1	--	TB-1	--	PT-1	WHITE	--	--	PT-1	WHITE	PT-1	WHITE	WDC-1	--	9'-6"	
115	BREAKROOM / KITCHEN	T-2	--	TB-1	--	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	10'-0"	
116	STAIR 1	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
117	CORRIDOR	FL-2	NONE	TB-1	--	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	8'-0"	
118	EN SALES OFFICE	CPT-1	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	8'-0"	
119	FEES OFFICE	CPT-1	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	8'-0"	
120	EN SALES STORAGE	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PAINT	BLACK	--	
121	RECEIVING	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PAINT	BLACK	--	
122	MTA STORAGE	FL-2	NONE	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	8'-0"	
123	VENDING	FL-1	--	TB-1	--	PT-1	WHITE	--	--	PT-1	WHITE	PT-1	WHITE	GWB	WHITE	7'-0"	
124	JANITOR CLOSET AND STORAGE	T-1	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	8'-0"	SPLASH GUARD SHEATHING AT MOP SINK – SEE ELEVATIONS
125	SOUTH VESTIBULE	FL-1	--	TB-1	--	--	--	--	--	--	--	--	--	GLASS	CLEAR	VIF	
150	EV CHARGING ENCLOSURE	FL-2	--	NONE	--	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	EXTERIOR PAINT FOR WOOD AND CONCRETE
201	STAIR 1	FL-2	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	23'-4"	PAINTED METAL DECK AT CEILING (5" CONCRETE SLAB ON METAL DECK)
202	MEZZANINE LOBBY	VCT-1	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	10'-0"	
203	MECHANICAL ROOM 3	FL-2	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	NONE	--	--	
204	UNASSIGNED	VCT-1	--	VB-1	BLACK	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	PT-1	WHITE	ACT-1	WHITE	12'-0"	

GENERAL ROOM FINISH NOTES:

SEE SHEET A614 FOR FINISH SCHEDULE AND ABBREVIATIONS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA

WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

ARCH. LIN. NUMBER
ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

ROOM FINISH SCHEDULE

SHEET NUMBER
A801

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A801.dwg Mar 08, 2022 - 4:09pm

DOOR SCHEDULE

DOOR NO	ROOM NAME	FROM (LOCK SIDE)	TO	PAIR OR SINGLE	DOOR OPENING		DOOR			FRAME			DETAIL				FIRE LABEL	HWDE SET	NOTES
					WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD	JAMB DEPTH			
001	FIRE PUMP ROOM	CORRIDOR – 006	FIRE PUMP ROOM – 001	P	6'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	14	
002	WATER ROOM	CORRIDOR – 006	WATER ROOM – 002	P	6'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	14	
003	ELECTRICAL ROOM	CORRIDOR – 006	ELECTRICAL ROOM – 003	S	3'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	15	
004	MECHANICAL ROOM 1	CORRIDOR – 006	MECHANICAL ROOM 1 – 004	P	6'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	14	
005	STAIR 1	CORRIDOR – 006	STAIR 1 – 005	S	3'–0"	7'–0"	3	HM		B	HM		2/A804	5/A804	7/A804	6"	B	18	
007	TELCOM ROOM	CORRIDOR – 006	TELCOM ROOM – 007	S	3'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	16	
008	MECHANICAL ROOM 2	CORRIDOR – 006	MECHANICAL ROOM 2 – 008	S	3'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	16	
009	EMERGENCY ELECTRICAL CLOSET	ELECTRICAL ROOM – 003	EMERG. ELEC. CLOSET – 009	P	6'–0"	7'–0"	1	HM		B	HM		2/A804	5/A804	7/A804	6"	A	17	
103	NURSING	WOMEN'S TOILET – 101	NURSING – 103	S	3'–0"	7'–0"	1	WOOD		A	WOOD		1/A804	4/A804	NONE	6"	–	19	UNDERCUT DOOR
104	COMPANION CARE	LOBBY / VESTIBULE – 105	COMPANION CARE – 104	S	3'–0"	7'–0"	1	WOOD		A	WOOD		1/A804	4/A804	NONE	6"	–	20	UNDERCUT DOOR
105A	LOBBY / VESTIBULE	LOBBY / VESTIBULE – 105	EXTERIOR	P	6'–0"	8'–0"	2	ALUMINUM	FF	CRTWAL	ALUMINUM	FF			7/A806	6"	–	1	COORDINATE WITH CURTAINWALL
105B	LOBBY / VESTIBULE	LOBBY / VESTIBULE – 105	EXTERIOR	P	6'–0"	8'–0"	2	ALUMINUM	FF	CRTWAL	ALUMINUM	FF			7/A806	6"	–	2	COORDINATE WITH CURTAINWALL
105C	PASSENGER WAITING & EXHIBITS	LOBBY / VESTIBULE – 105	PSNGR WAITING & EXHIBITS–106	S	6'–0"	8'–0"	2A	STEEL	FF	STL	STL				NONE	5"	–	7	
105D	ANP FEE PASSES AND INFO	LOBBY / VESTIBULE – 105	ANP FEE PASSES AND INFO–111	P	6'–0"	8'–0"	2A	STEEL	FF	STL	STL				NONE	5"	–	2	
105E	ANP FEE PASSES AND INFO	LOBBY / VESTIBULE – 105	ANP FEE PASSES AND INFO–111	P	6'–0"	8'–0"	2A	STEEL	FF	STL	STL				NONE	5"	–	1	
109	MTA OFFICE	REGIONAL INFO AREA – 108	OFFICE – 109	S	3'–0"	7'–0"	4	WOOD		A	WOOD		1/A804	4/A804	NONE	6"	–	21	
114	CORRIDOR	CORRIDOR – 114	BREAKROOM / KITCHEN – 115	P	6'–0"	7'–0"	3	WOOD		A	WOOD		1/A804	4/A804	NONE	6"	–	10	
115	BREAKROOM / KITCHEN	BREAKROOM / KITCHEN – 115	EXTERIOR	P	6'–0"	8'–0"	2	ALUMINUM	FF	CRTWAL	ALUMINUM	FF			7/A806	6"	–	4	COORDINATE WITH CURTAINWALL
116A	STAIR 1	CORRIDOR – 117	STAIR 1 – 116	S	3'–0"	7'–0"	3	HM		B	HM		3/A804	6/A804	7/A804	6"	B	26	
116B	STAIR 1	EXTERIOR	STAIR 1 – 116	S	3'–0"	8'–0"	2	ALUMINUM	FF	CRTWAL	ALUMINUM	FF	2/A806	5,8/A806	7/A806	6"	–	5	COORDINATE WITH CURTAINWALL
118	ENS SALES OFFICE	ANP/NPS AREA COUNTER – 112	ENS SALES OFFICE – 118	S	3'–0"	7'–0"	4	WOOD		A	WOOD		1/A804	4/A804	NONE	6"	–	21	
119	FEES OFFICE	ENS COUNTER – 113	FEES OFFICE – 119	S	3'–0"	7'–0"	4	WOOD		A	WOOD		1/A804	4/A804	NONE	6"	–	21	
120	ENS SALES STORAGE	ANP/NPS AREA COUNTER – 112	ENS SALES STORAGE – 120	S	3'–0"	7'–0"	3	WOOD		A	WOOD		1/A804	4/A804	7/A804	6"	B	22	
121A	RECEIVING	CORRIDOR – 117	RECEIVING – 121	P	6'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	–	23	
121B	RECEIVING	RECEIVING – 121	EXTERIOR	S	3'–0"	8'–0"	1	HM		B	HM		3/A806	6,9/A806	7/A804	6"	–	6	
121C	ENS SALES STORAGE	RECEIVING – 121	ENS SALES STORAGE – 120	P	6'–0"	7'–0"	3	HM		A	HM		1/A804	4/A804	7/A804	6"	B	14	
121D	RECEIVING	RECEIVING – 121	EXTERIOR	0	6'–0"	8'–0"	5	STEEL	FF	C	STEEL		2/A805	2,3,4/A805	2/A805	N/A	–	N/A	OVERHEAD DOOR, SEE SPECS
121E	RECEIVING	SEE DETAILS	SEE DETAILS	P	4'–0"	6'–0"	10	STEEL	FF	10	STEEL		1/A807	2/A807	NONE	3.5"	B	N/A	MECHANICAL ROOM ACCESS FLOOR HATCH
122	STORAGE	RECEIVING – 121	STORAGE – 122	P	6'–0"	7'–0"	1	HM		A	HM		1/A804	4/A804	7/A804	6"	B	14	
124	JANITOR CLOSET AND STORAGE	LOBBY / VESTIBULE – 105	JANITOR CL. & STORAGE – 124	S	3'–6"	7'–0"	1	HM		A	HM		1/A804	4/A804	NONE	6"	–	24	UNDERCUT DOOR
125A	SOUTH VESTIBULE	SOUTH VESTIBULE – 125	EXTERIOR	P	6'–0"	8'–0"	2	ALUMINUM	FF	CRTWAL	ALUMINUM	FF			7/A806	6"	–	18	COORDINATE WITH CURTAINWALL
125B	ANP/NPS AREA	SOUTH VESTIBULE – 125	ANP/NPS AREA – 112	S	3'–0"	8'–0"	2A	STEEL	FF	STORE	HM		NONE		NONE	5"	–	7	
125C	ENS SALES INFO AREA	SOUTH VESTIBULE – 125	ENS SALES INFO AREA – 108	S	3'–0"	8'–0"	2A	STEEL	FF	STORE	HM		NONE		NONE	5"	–	7	
150	EV CHARGING ENCLOSURE	EV CHARGING ENCLOSURE –150	EXTERIOR	S	3'–0"	7'–0"	1	STEEL		B	HM		2/A804	5/A804	7/A804	5"	B	6	
201	STAIR 1	MEZZANINE LOBBY – 202	STAIR 1 – 201	S	3'–0"	7'–0"	1	HM	FF	B	HM		3/A804	6/A804	7/A804	6"	B	18	
203	MECHANICAL ROOM 3	MEZZANINE LOBBY – 202	MECHANICAL ROOM 3 – 203	P	6'–0"	7'–0"	1	HM	FF	A	HM		1/A804	4/A804	7/A804	8.25"	B	25	INCREASE LGMF HEADER AS REQ. TO SUPPORT PARTITION
204	UNASSIGNED	MEZZANINE LOBBY – 202	UNASSIGNED – 204	P	6'–0"	7'–0"	1	HM	FF	A	HM		1/A804	4/A804	7/A804	6"	B	25	

LOUVER / GRILLE SCHEDULE

LOUVER TYPE	MATERIAL	ROUGH OPENING		DETAIL			SCREEN	NOTES
		WIDTH	HEIGHT	HEAD	JAMB	SILL		
L1	ALUM	15'–0"	12'–6"	3/A807	5/A807	5/A807	INSECT/BIRD	TRIANGULAR LOUVER, REFER TO LOUVER ELEVATIONS
L2	ALUM	15'–0"	12'–6"	3/A807	5/A807	5/A807	INSECT/BIRD	TRIANGULAR LOUVER, REFER TO LOUVER ELEVATIONS
L3	SEE SPEC.	4'–0"	2'–0"				NONE	REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS, VERIFY LOUVER SIZE WITH MECHANICAL DOCUMENTS

DOOR SCHEDULE ABBREVIATIONS:

(S) – DENOTES SINGLE LEAF DOOR
(PR) – DENOTES PAIR OF LEAF DOORS
(FF) – FACTORY FINISH
(PT) – PAINT
(HM) – HOLLOW METAL
(ST) – STEEL
(CRTWAL) – CURTAINWALL

DOOR NOTES:

1. ALL GLASS IN DOORS SHALL BE SAFETY GLAZING
2. HOUR RATINGS FOR HM DOORS
   A = 3 HOUR (NOT USED)
   B = 1.5 HOUR
   C = .75 HOUR

LOUVER TYPE:
–EXTRUDED ALUMINUM DRAIN/ABLE LOUVER
–SCREEN TYPE
1. BIRD SCREEN
2. INSECT SCREEN

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGER
No. 5292
STATE OF MAINE

Kayla Wenger
SIGNATURE

ARCH. LIN. NUMBER
ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

DOOR AND LOUVER SCHEDULES

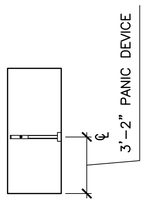
SHEET NUMBER
A802

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A802.dwg Mar 08, 2022 - 4:09pm

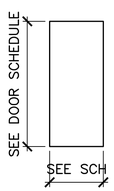
GLAZING LEGEND	
G	PLATE GLASS
TG	TEMPERED GLASS
IG	INSULATED GLASS
ITG	INSULATED TEMPERED GLASS

DOOR AND GLAZING NOTES:

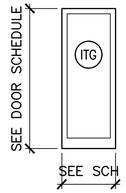
1. REFER TO SPECIFICATIONS FOR PLATE AND TEMPERED GLASS THICKNESS.
2. REFER TO SPECIFICATIONS FOR GLASS REQUIREMENTS PER CONDITION.
3. REFER TO DOOR HARDWARE MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS.



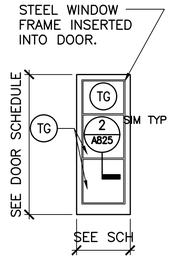
PANIC DEVICE
MOUNTING HEIGHT



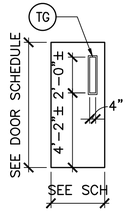
1



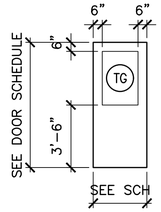
2



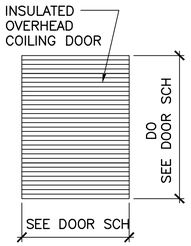
2A



3

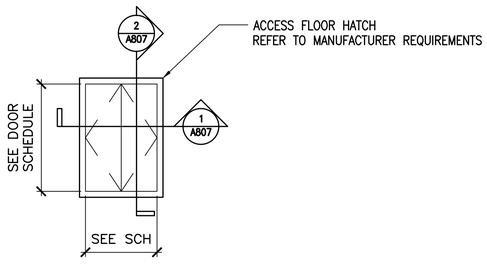


4



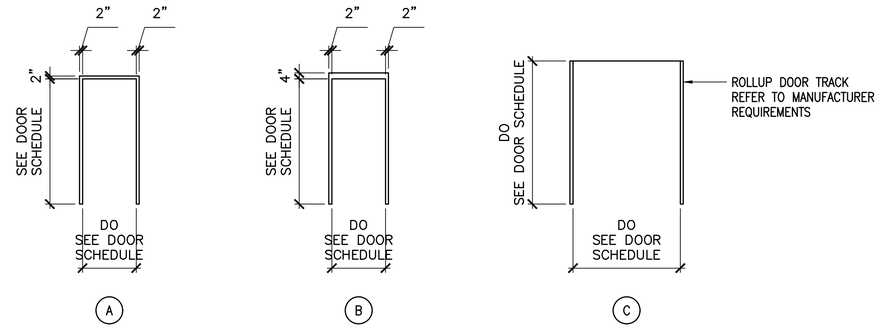
5

DOOR TYPES



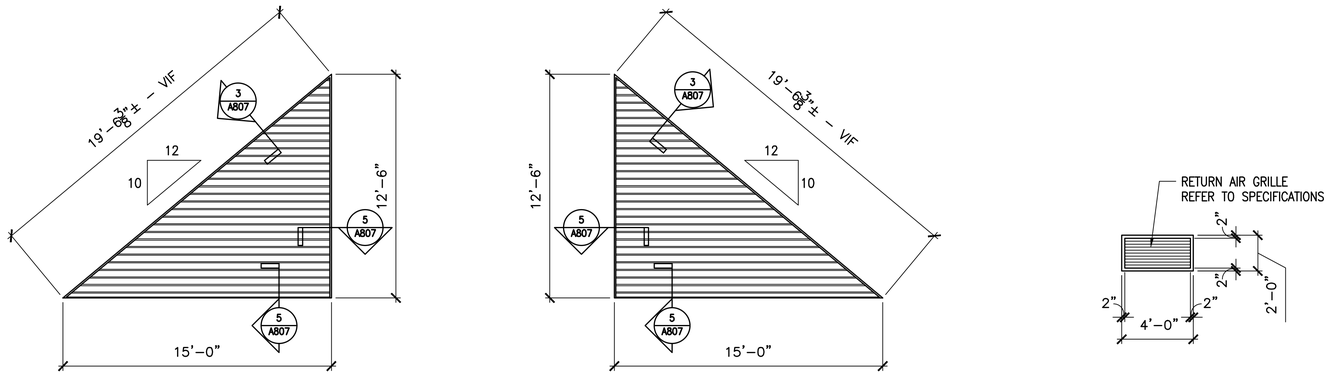
10

ACCESS FLOOR HATCH – DOOR AND FRAME TYPE



A B C

FRAME TYPES



LOUVER / GRILLE TYPES

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE	

FED PIN NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

ARCH. LIC. NUMBER ARC5292
DATE JANUARY 17, 2022

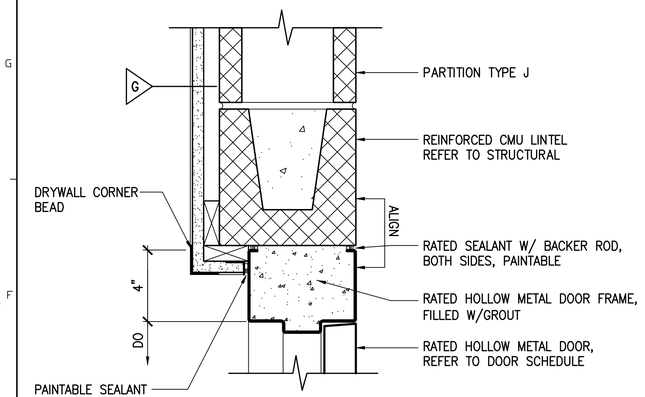
PROJECT INFORMATION	
PROGRAM	–
PROJECT MANAGER	–
DESIGNER	AECOM
CONSULTANT	–
PROJECT RESIDENT	–
CONTRACTOR	–
PROJECT COMPLETION DATE	–

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

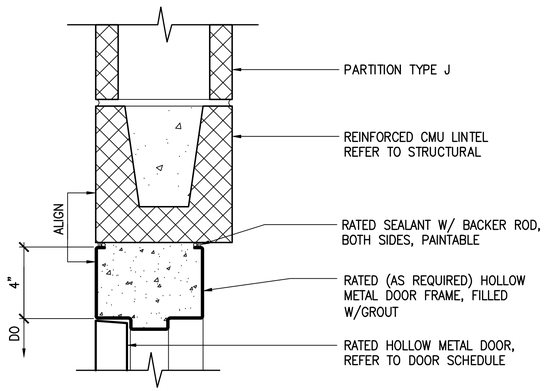
DOOR, DOOR FRAME AND AND LOUVER ELEVATIONS

SHEET NUMBER
A803

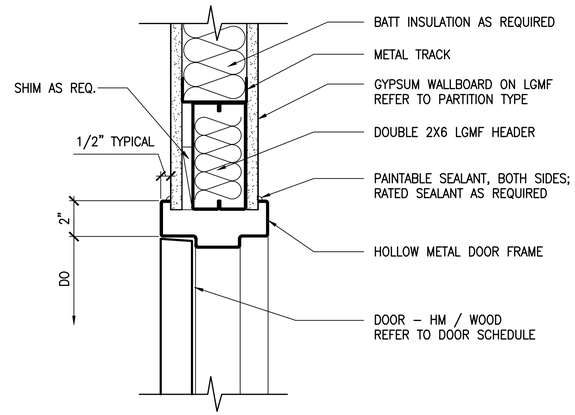
\\na.aecomnet.com\lfs\AMER\Boston-USBDS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A803.dwg Jan 17, 2022 - 3:35pm



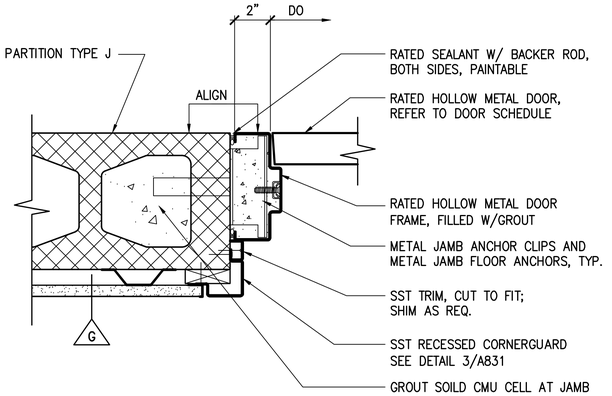
3 CMU DOOR HEAD DETAIL
3"=1'-0"



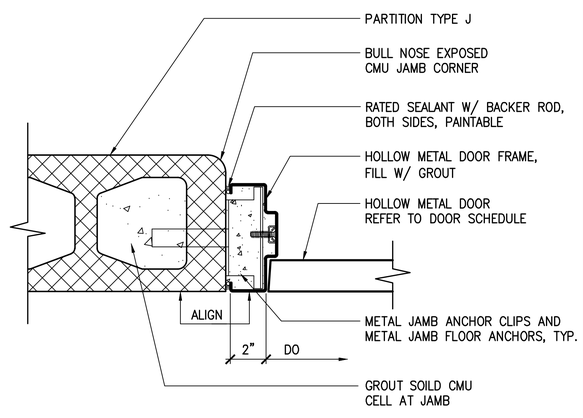
2 CMU DOOR HEAD DETAIL
3"=1'-0"



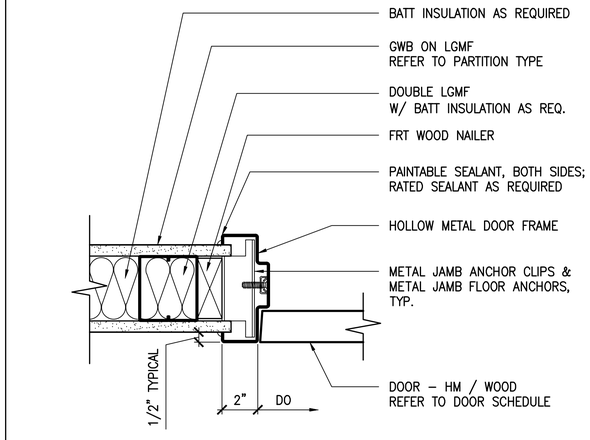
1 DOOR HEAD DETAIL
3"=1'-0"



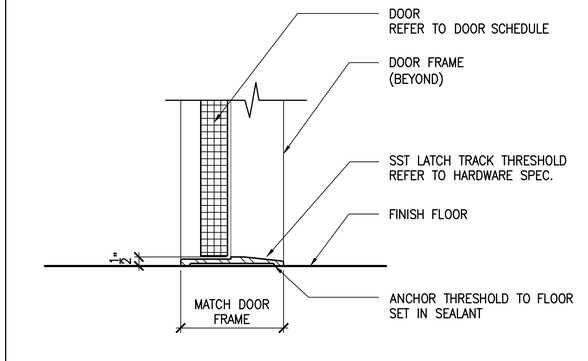
6 CMU DOOR JAMB DETAIL
3"=1'-0"



5 CMU DOOR JAMB DETAIL
3"=1'-0"



4 DOOR JAMB DETAIL
3"=1'-0"



7 THRESHOLD DETAIL
3"=1'-0"

AECOM
1 FEDERAL STREET, 8TH FLOOR
BOSTON, MA 02110
617.723.1700
www.aecom.com

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED P/N NO: NA
WIN NO: 017163.02 & 017163.03

LICENSED ARCHITECT
KAYLA MICHELLE WENGLER
No. 5292
STATE OF MAINE

SIGNATURE

ARCH. LIC. NUMBER
ARC5292

DATE JANUARY 17, 2022

PROJECT INFORMATION	
PROGRAM	-
PROJECT MANAGER	-
DESIGNER	AECOM
CONSULTANT	-
PROJECT RESIDENT	-
CONTRACTOR	-
PROJECT COMPLETION DATE	-

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
INTERMODAL AND WELCOME CENTER

DOOR DETAILS I

SHEET NUMBER
A804

\\na.aecomnet.com\lfs\AMER\Boston-USBOS01\DCS\Projects\TRN\60653001_MaineDOT_Acadia_Gateway\900_CAD_GIS\910_CAD\Sheet\A804.dwg Jan 17, 2022 - 3:35pm