

JUNEAU STATE OFFICE BUILDING FRONT STAIR REPLACEMENT

STATE OF ALASKA
SHARED SERVICES
Facilities Section

PO Box 11210
Juneau, AK 99811-0210
Brent Fagerstrom, Project Manager
(907) 465-6877

ARCHITECT

NorthWind Architects, LLC
126 Seward Street
Juneau, AK 99801
(907) 586-6150
Sean Boily, AIA, Principal Architect

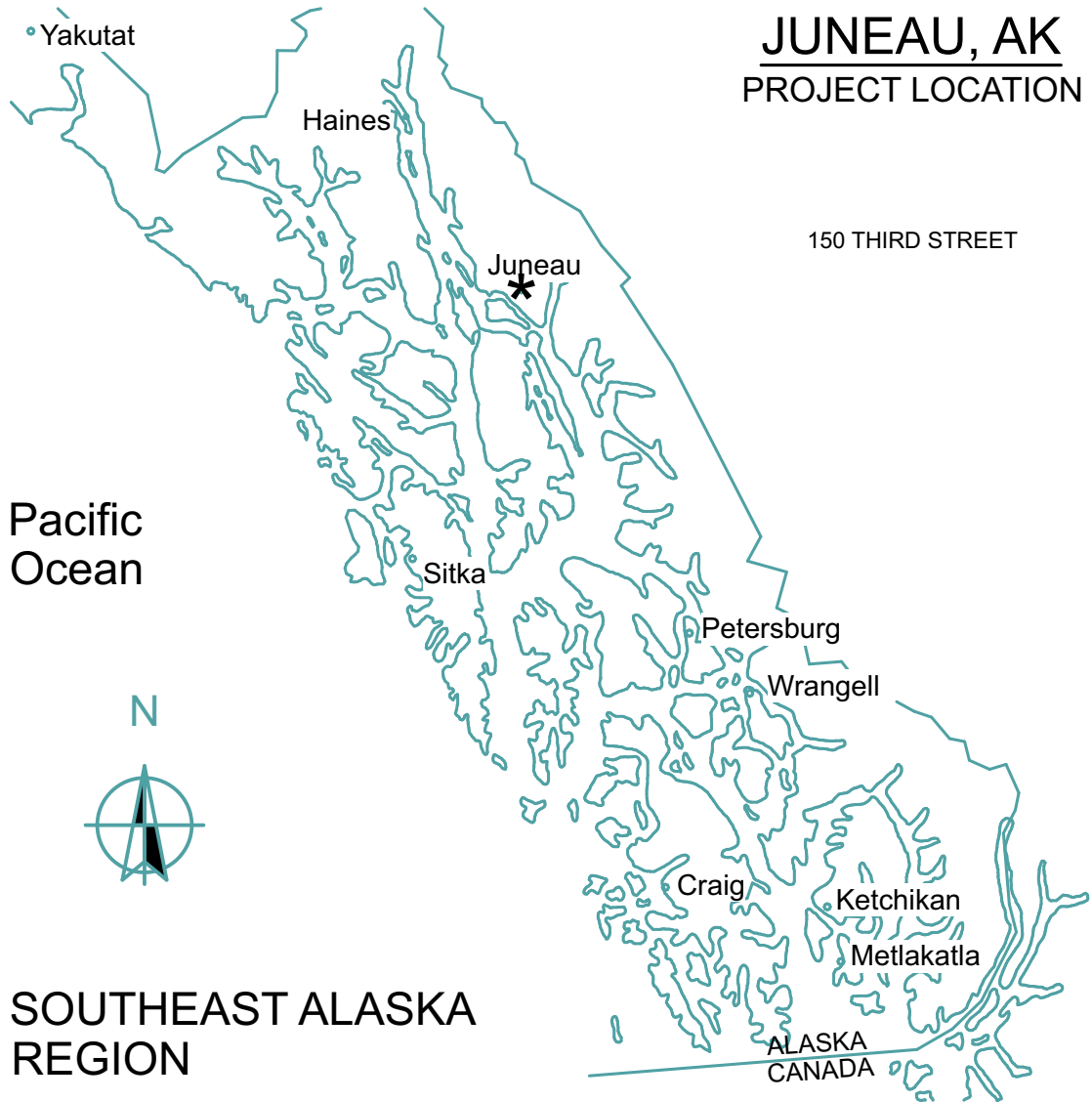
CIVIL/STRUCTURAL

PDC Engineering
6205 Glacier Highway
Juneau, AK 99801
(907) 780-6060
Mark Pusich, CE, Principal

ELECTRICAL ENGINEER

Haight & Associates, Inc.
526 Main Street
Juneau, AK 99801
(907) 586-9788
Ben Haight, E.E., Principal

LOCATION MAP



SOUTHEAST ALASKA
REGION

SCOPE OF WORK SUMMARY

JSOB, JUNEAU STATE OFFICE BUILDING FRONT STAIR REPLACEMENT INCLUDES A BASE BID WITH (3) ADDITIVE ALTERNATES.

BASE BID IS THE REMOVAL AND RECONSTRUCTION OF THE MAIN CONCRETE STAIRWAY OFF OF CALHOUN STREET. SELECTED DEMOLITION AND REPAIR OF STAIRWAY CONCRETE RETAINING/SUPPORT WALLS, UPPER CONCRETE PLAZA SELECTED REMOVAL AND REPLACEMENT OF THE CONCRETE SLAB AND SELECTED REMOVAL AND RENOVATION OF THE LOWER CONCRETE LANDING

THERE ARE (3) ADDITIVE ALTERNATES; REFERENCE PROJECT ALTERNATE SUMMARY SHEET G0.1

THE CONSTRUCTION SHALL BE COMPLETED IN A SINGLE CONSTRUCTION PHASE AND COORDINATED W/OWNERS ON-GOING USE OF THE BUILDING.

SHEET INDEX

GENERAL

G0.1 TITLE SHEET / GENERAL INFO

CIVIL

C1.0 EXISTING CONDITIONS
C2.0 SITE DEMOLITION PLAN
C2.1 CIVIL SITE PLAN
C3.0 CONSTRUCTION DETAILS
C3.1 CONSTRUCTION DETAILS
C3.2 CONSTRUCTION DETAILS
C3.3 CONSTRUCTION DETAILS

ARCHITECTURAL

A2.1 ARCHITECTURAL STAIR PLAN
A3.0 ARCHITECTURAL STAIR DETAILS

ELECTRICAL

E2.0 FLOOR PLAN 7TH FLOOR
E2.1 8TH FLOOR EXT STAIR PLAN HEAT TRACE, (BID ALT NO. 2)
E2.2 SINGLE LINE DIAGRAMS
E3.0 8TH FLOOR EXT STAIR PLAN LIGHTING, LUMINAIRE SCHEDULE (BID ALT NO. 1)

PROJECT ALTERNATES SUMMARY

ADDITIVE ALTERNATES

00	BASE BID	DEMOLITION OF EXISTING CONCRETE STAIRS, REPAIR OF CONCRETE STAIR FOUNDATION, DEMOLITION OF UPPER 8TH FLOOR PLAZA PATTERNED PLAZA TOPPING CONCRETE BANDING AND DECORATIVE STAMPED CONCRETE . BASE BID TO INCLUDE STAINLESS STEEL HANDRAILS .
01	BASE BID ALTERNATE	STAINLESS STEEL HANDRAIL AS SHOWN ON SHEET. A2.1 STAINLESS STEEL HANDRAIL WITH INTEGRATED LED LIGHTING, REFERENCE ELECTRICAL
02	BASE BID ALTERNATE	CAST-IN-PLACE CONCRETE STAIRS WITH CAST-IN-PLACE CONCRETE LANDINGS AT BOTH UPPER AND LOWER PLAZA CAST-IN-PLACE CONCRETE STAIRS WITH CAST-IN-PLACE CONCRETE LANDINGS AT BOTH UPPER AND LOWER PLAZA INCLUDING RADIANT HEAT SNOW MELT SYSTEM, REFERENCE ELECTRICAL
03	BASE BID ALTERNATE	NO WORK ON EXISTING ADJACENT CONCRETE SIDEWALK LOCATED AT THE LOWER STAIR LANDING AT CALHOUN STREET. REPLACE EXISTING ADJACENT CONCRETE SIDEWALK LOCATED AT THE LOWER STAIR LANDING AT CALHOUN STREET, REFERENCE CIVIL

APPLICABLE CODES

INTERNATIONAL BUILDING CODE 2012 EDITION (I.B.C.)
INTERNATIONAL EXISTING BUILDING CODE 20012 EDITION (I.B.C.)
ALL CODES REFERENCED ARE TO BE USED AS AMENDED BY THE STATE OF ALASKA AND THE CITY AND BOROUGH OF JUNEAU.

100%

JUNE 18, 2018

ADDENDUM NUMBER

**

ATTACHMENT NUMBER

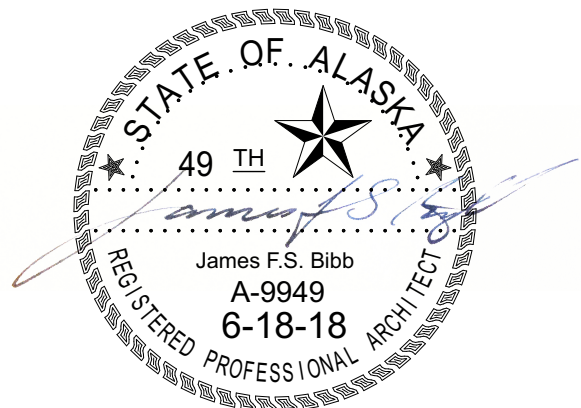
RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: SB

G0.1

TITLE SHEET / GENERAL
INFO

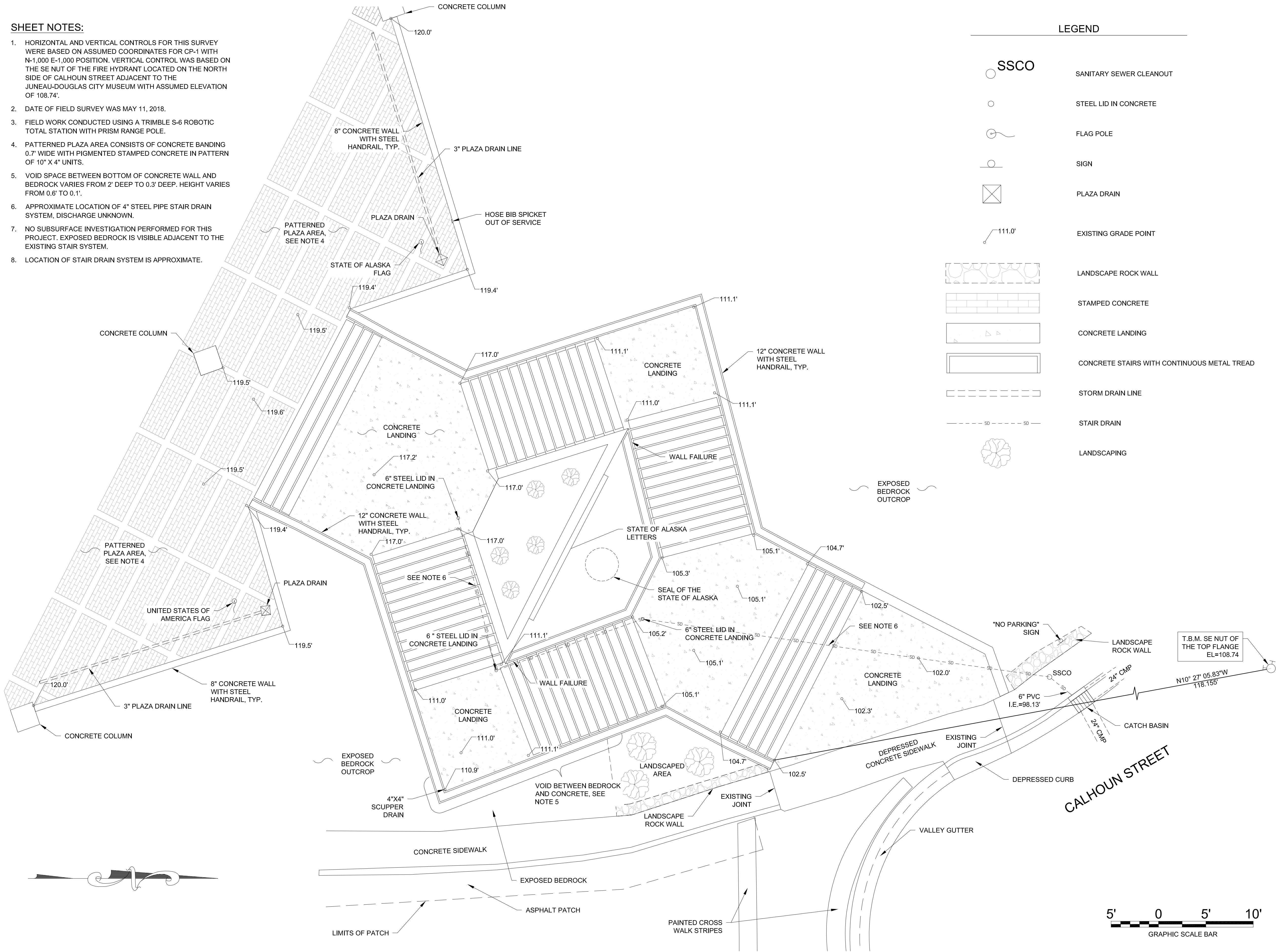
PROJECT DESIGNATION NUMBER

2018-0222- 3961

STATE	YEAR
ALASKA	2018

SHEET NOTES:

- HORIZONTAL AND VERTICAL CONTROLS FOR THIS SURVEY WERE BASED ON ASSUMED COORDINATES FOR CP-1 WITH N-1,000 E-1,000 POSITION. VERTICAL CONTROL WAS BASED ON THE SE NUT OF THE FIRE HYDRANT LOCATED ON THE NORTH SIDE OF CALHOUN STREET ADJACENT TO THE JUNEAU-DOUGLAS CITY MUSEUM WITH ASSUMED ELEVATION OF 108.74'.
- DATE OF FIELD SURVEY WAS MAY 11, 2018.
- FIELD WORK CONDUCTED USING A TRIMBLE S-6 ROBOTIC TOTAL STATION WITH PRISM RANGE POLE.
- PATTERNED PLAZA AREA CONSISTS OF CONCRETE BANDING 0.7" WIDE WITH PIGMENTED STAMPED CONCRETE IN PATTERN OF 10" X 4" UNITS.
- VOID SPACE BETWEEN BOTTOM OF CONCRETE WALL AND BEDROCK VARIES FROM 2' DEEP TO 0.3' DEEP. HEIGHT VARIES FROM 0.6' TO 0.1'.
- APPROXIMATE LOCATION OF 4" STEEL PIPE STAIR DRAIN SYSTEM, DISCHARGE UNKNOWN.
- NO SUBSURFACE INVESTIGATION PERFORMED FOR THIS PROJECT. EXPOSED BEDROCK IS VISIBLE ADJACENT TO THE EXISTING STAIR SYSTEM.
- LOCATION OF STAIR DRAIN SYSTEM IS APPROXIMATE.



LEGEND

- SSCO SANITARY SEWER CLEANOUT
- STEEL LID IN CONCRETE
- FLAG POLE
- SIGN
- PLAZA DRAIN
- EXISTING GRADE POINT
- LANDSCAPE ROCK WALL
- STAMPED CONCRETE
- CONCRETE LANDING
- CONCRETE STAIRS WITH CONTINUOUS METAL TREAD
- STORM DRAIN LINE
- STAIR DRAIN
- LANDSCAPING

100%
JUNE 18, 2018

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

PDC Engineers
www.pdceng.com
6205 Glacier Highway
Juneau, AK, 99801

DRAWN BY: ECR

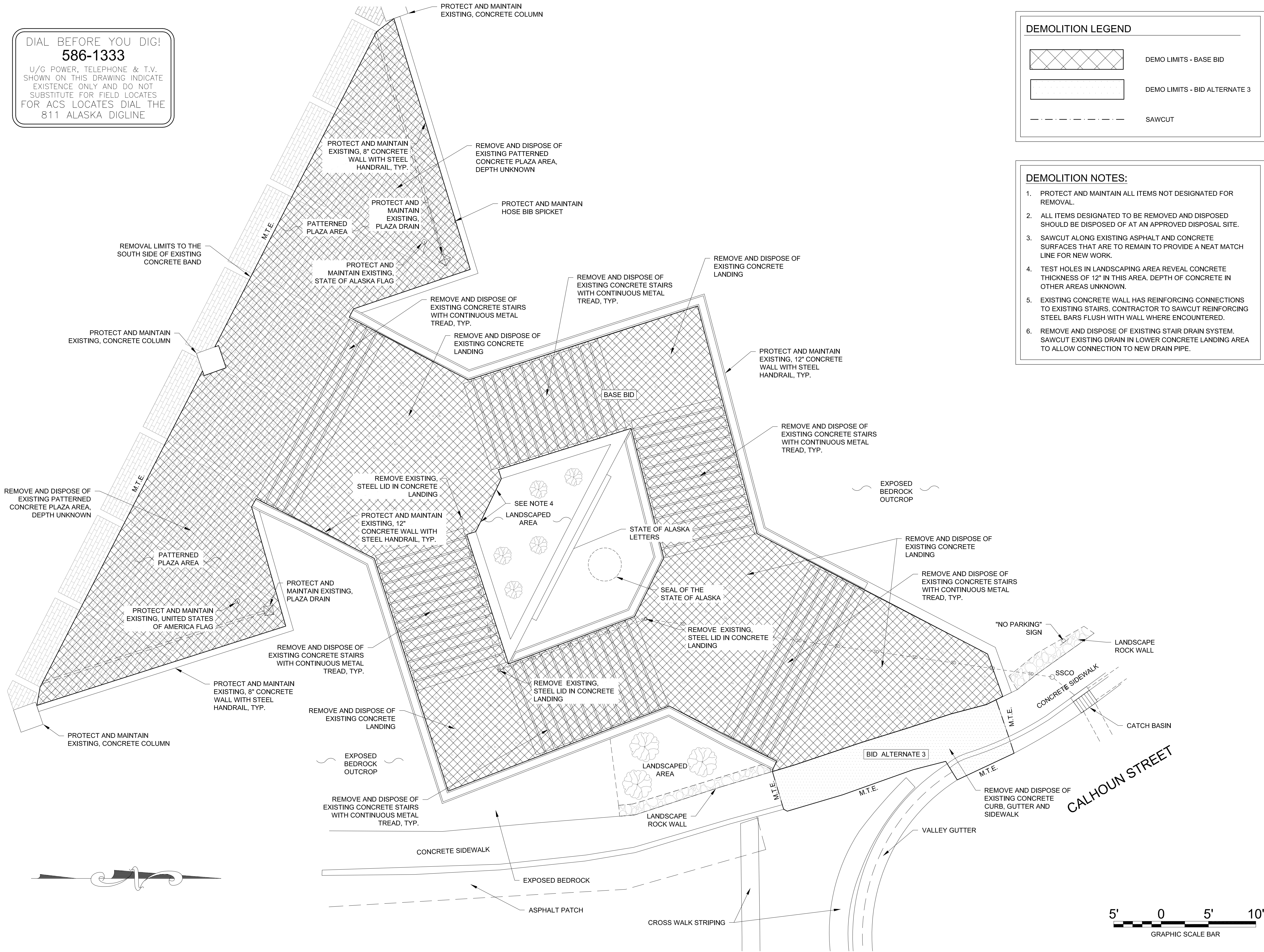
C1.0
EXISTING CONDITIONS

PROJECT DESIGNATION NUMBER

2018-0222-3961

STATE	YEAR
ALASKA	2018

DIAL BEFORE YOU DIG!
586-1333
U/G POWER, TELEPHONE & T.V.
SHOWN ON THIS DRAWING INDICATE
EXISTENCE ONLY AND DO NOT
SUBSTITUTE FOR FIELD LOCATES
FOR ACS LOCATES DIAL THE
811 ALASKA DIGLINE



DEMOLITION LEGEND

- DEMO LIMITS - BASE BID
- DEMO LIMITS - BID ALTERNATE 3
- SAWCUT

DEMOLITION NOTES:

- PROTECT AND MAINTAIN ALL ITEMS NOT DESIGNATED FOR REMOVAL.
- ALL ITEMS DESIGNATED TO BE REMOVED AND DISPOSED SHOULD BE DISPOSED OF AT AN APPROVED DISPOSAL SITE.
- SAWCUT ALONG EXISTING ASPHALT AND CONCRETE SURFACES THAT ARE TO REMAIN TO PROVIDE A NEAT MATCH LINE FOR NEW WORK.
- TEST HOLES IN LANDSCAPING AREA REVEAL CONCRETE THICKNESS OF 12" IN THIS AREA. DEPTH OF CONCRETE IN OTHER AREAS UNKNOWN.
- EXISTING CONCRETE WALL HAS REINFORCING CONNECTIONS TO EXISTING STAIRS. CONTRACTOR TO SAWCUT REINFORCING STEEL BARS FLUSH WITH WALL WHERE ENCOUNTERED.
- REMOVE AND DISPOSE OF EXISTING STAIR DRAIN SYSTEM. SAWCUT EXISTING DRAIN IN LOWER CONCRETE LANDING AREA TO ALLOW CONNECTION TO NEW DRAIN PIPE.

100%
JUNE 18, 2018

ADDENDUM NUMBER

**

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

PDC Engineers
www.pdceng.com
6205 Glacier Highway
Juneau, AK, 99801

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: ECR

C2.0
SITE DEMOLITION PLAN

PROJECT DESIGNATION NUMBER

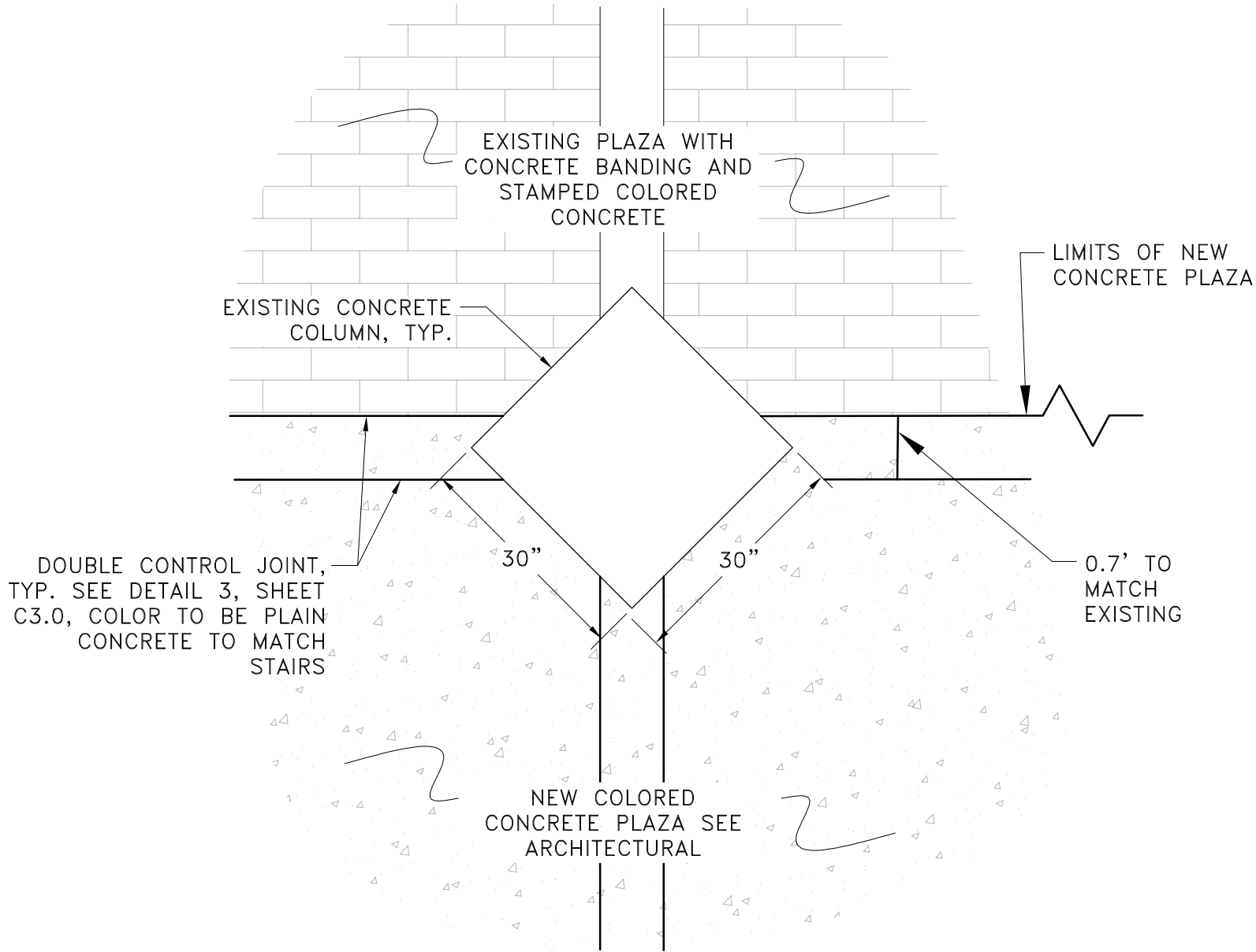
2018-0222-3961

STATE	YEAR
ALASKA	2018

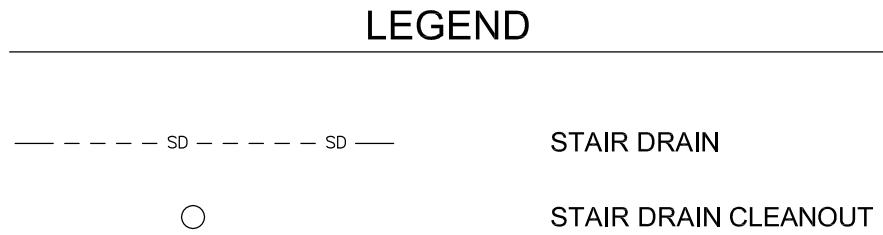
P:\2018\18154JN-NWA_SOB_Stairs\C\Model\18154JN_wk.dwg PLOT: June 20, 2018 at: 10:58am ethanroemeling

1. FILL EXISTING VOID BETWEEN BOTTOM OF CONCRETE WALL AND BEDROCK SURFACE WITH FLOWABLE 3,000 PSI GROUT. LENGTH OF VOID AREA APPROXIMATELY 25 FEET.
2. SEE ELECTRICAL FOR STAIR AND LANDING SNOW MELT SYSTEM, AND LIGHTING.
3. SEE ARCHITECTURAL FOR NEW HANDRAIL INSTALLATION.
4. INSTALL NEW 3" SCH 80 PVC STAIR DRAIN SYSTEM. CONNECT TO EXISTING DRAINS AT BOTTOM STAIR LANDING. INSTALL CLEANOUTS AT ANGLE POINTS WITH NEW CAST IRON FRAME AND LID.

GRADE POINTS			
Point #	Elevation	Northing	Easting
28	116.95	9960.90	9945.85
29	102.03	10009.48	9959.47
30	102.30	10001.41	9963.77
31	105.07	9990.39	9951.90
32	105.06	9985.78	9958.66
33	111.12	9985.79	9922.44
34	117.23	9952.06	9940.13
35	110.91	9959.54	9973.36
36	119.54	9934.08	9941.12
37	119.55	9939.33	9932.15
38	119.48	9944.01	9923.22
39	119.47	9936.12	9928.83
40	119.41	9938.62	9943.39
41	119.46	9942.41	9956.12
42	119.99	9916.13	9964.49
43	119.44	9949.44	9922.50
44	119.44	9961.89	9918.45
45	120.00	9953.83	9891.97



N.T.S.



DIAL BEFORE YOU DIG!
586-1333
 U/G POWER, TELEPHONE & T.V.
 SHOWN ON THIS DRAWING INDICATE
 EXISTENCE ONLY AND DO NOT
 SUBSTITUTE FOR FIELD LOCATES
 FOR ACS LOCATES DIAL THE
 811 ALASKA DIGLINE



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

PDC Engineers
www.pdceng.com
6205 Glacier Highway
Juneau, AK, 99801

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: ECR

C2.1
CIVIL SITE PLAN

PROJECT DESIGNATION NUMBER

STATE
ALASKA

YEAR
2018

100%
JUNE 18, 2018

JUNE 18, 2018

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

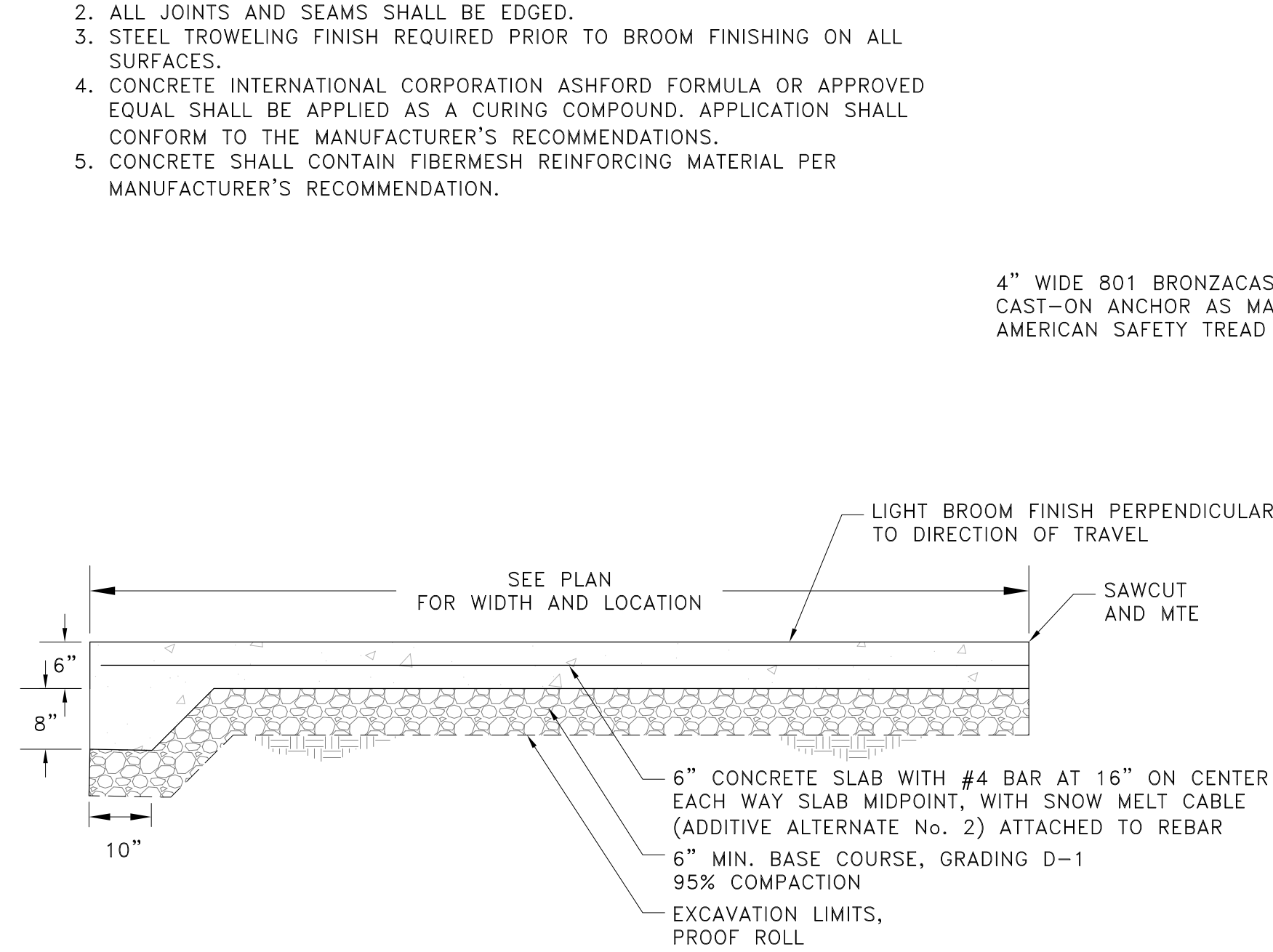
No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

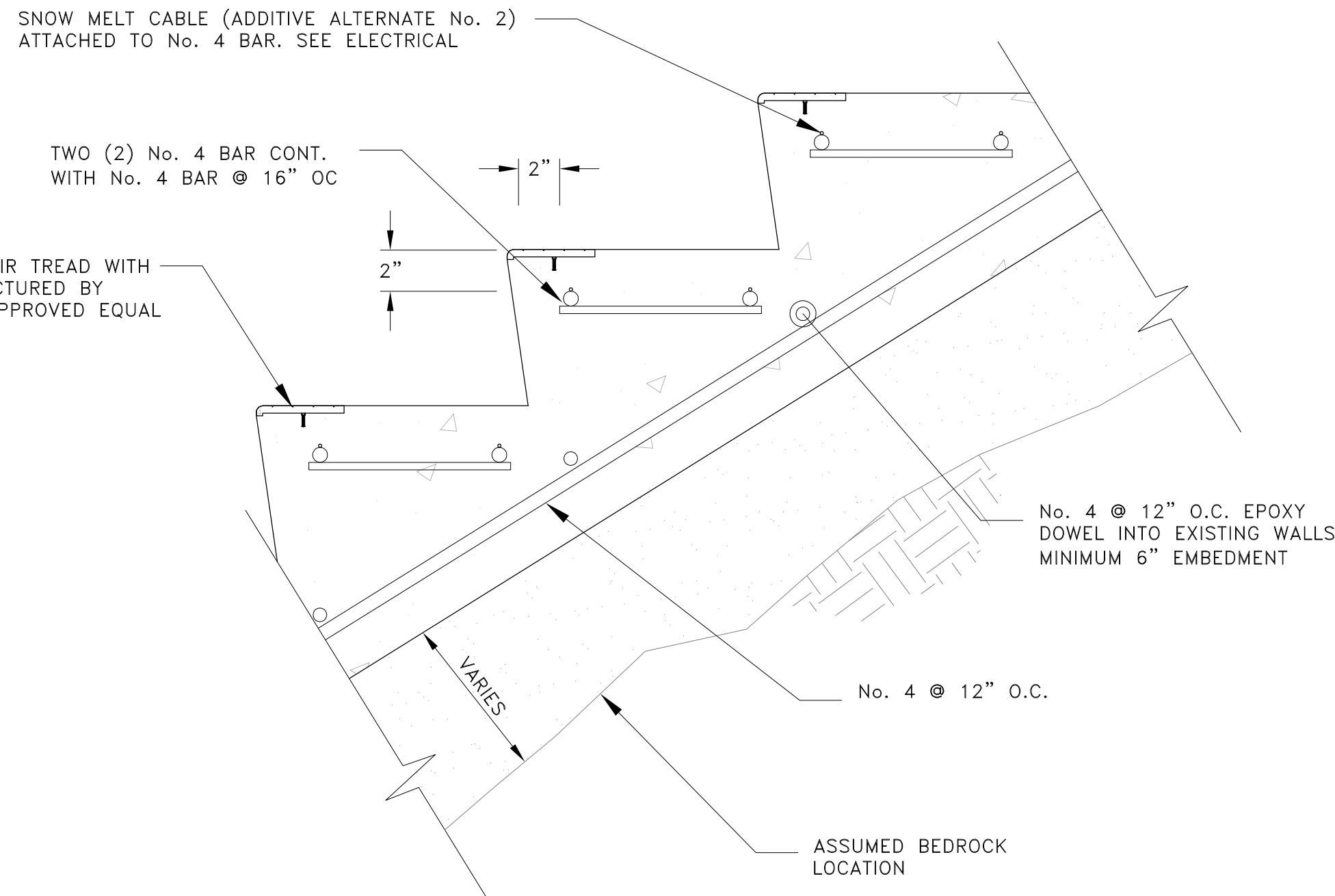
Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING FRONT STAIR REPLACEMENT

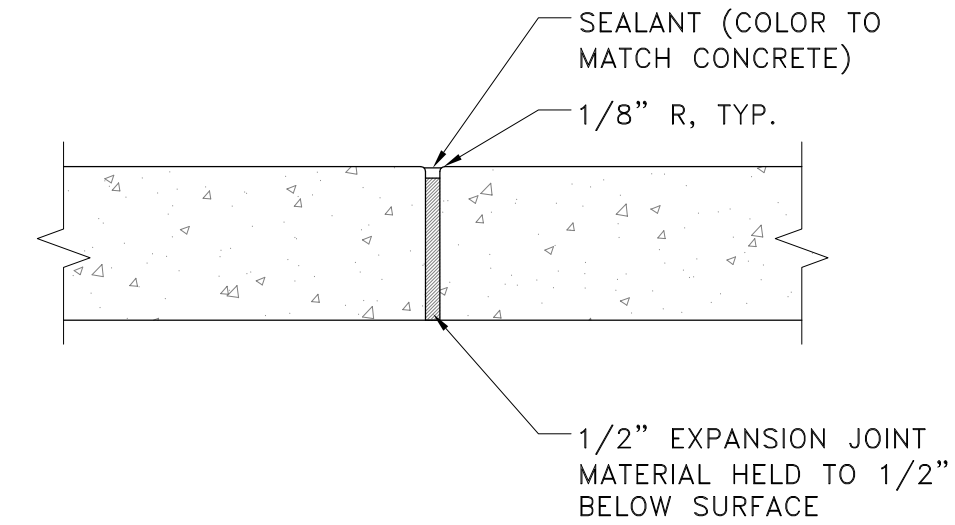
1. ALL STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER.
2. ALL JOINTS AND SEAMS SHALL BE EDGED.
3. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
4. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
5. CONCRETE SHALL CONTAIN FIBERMESH REINFORCING MATERIAL PER MANUFACTURER'S RECOMMENDATION.



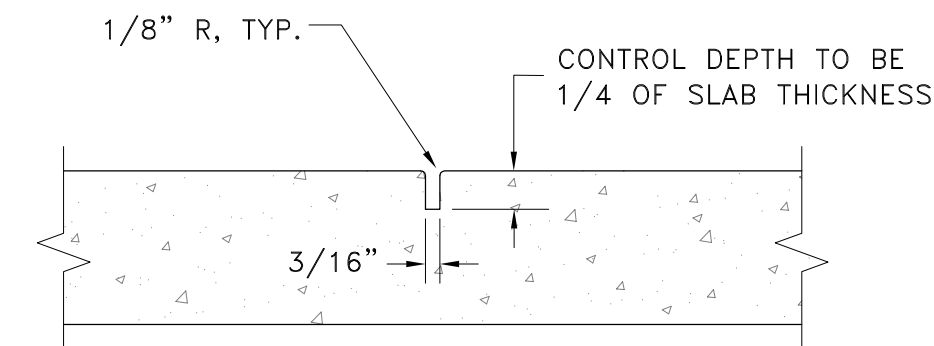
1 CONCRETE LANDING/PLAZA DETAIL
N.T.S.



2 STAIR REINFORCING DETAIL TYPICAL
N.T.S.

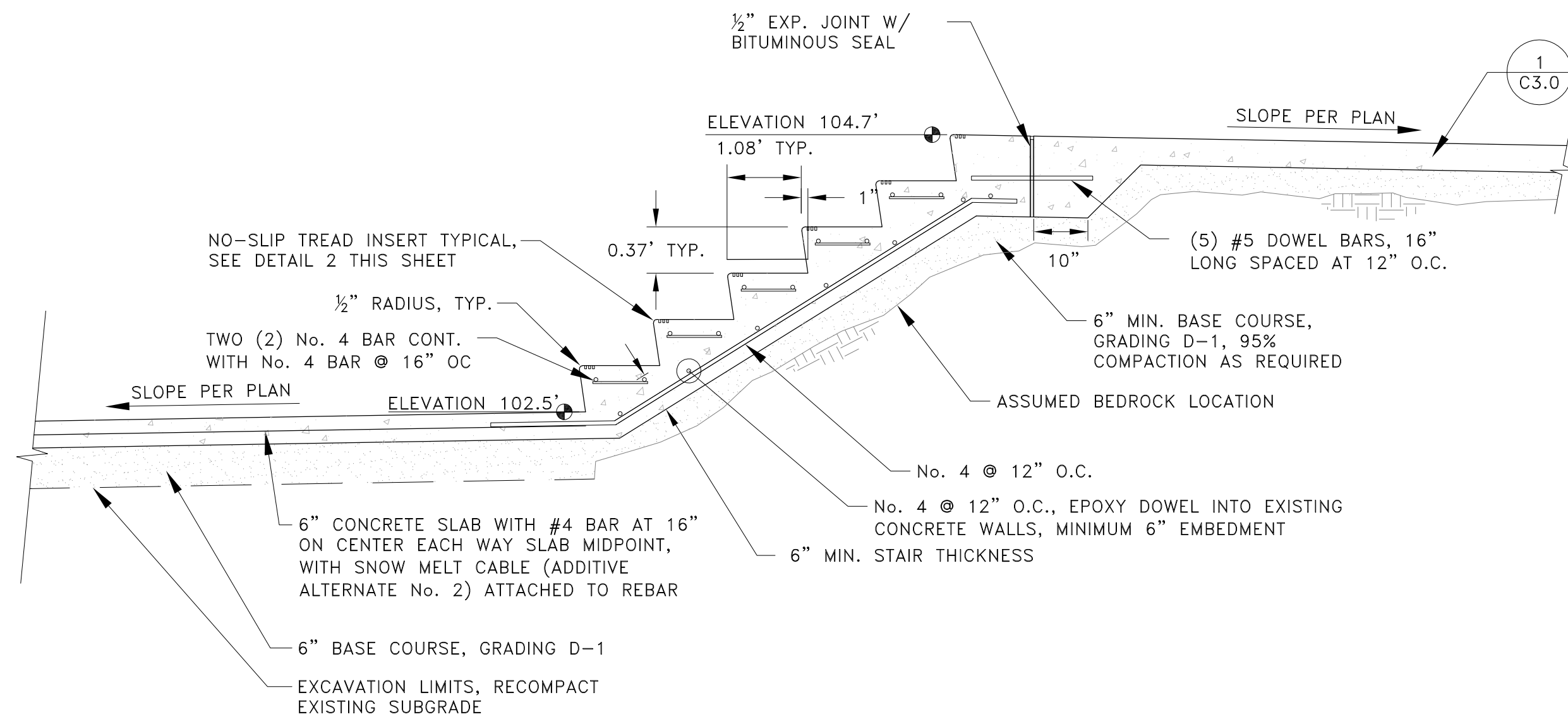


EXPANSION JOINT

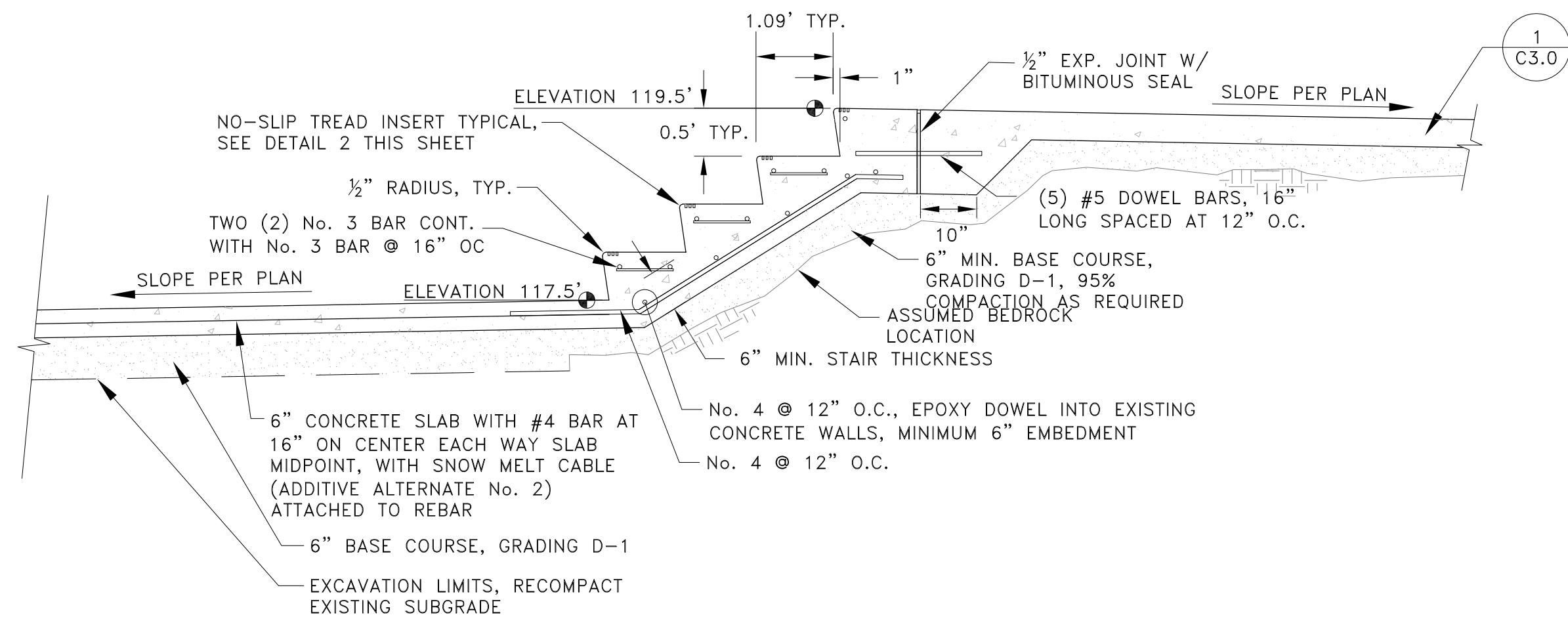
CONTROL JOINT

1. UNLESS OTHERWISE NOTED, CONTROL JOINTS SHALL OCCUR AT DISTANCES EQUAL TO THE WIDTH OF SIDEWALKS, WITH EXPANSION JOINTS NO FARTHER THAN 20 FEET APART
2. UNLESS OTHERWISE NOTED, ALL CONCRETE FLATWORK TO BE OF MEDIUM BROOM FINISH, WITH PATTERN RUNNING PERPENDICULAR TO FLOW OF TRAFFIC.
3. CONTRACTOR TO SUBMIT A JOINT LAYOUT PLAN FOR REVIEW AND APPROVAL TO OWNER'S REPRESENTATIVE.
4. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURE'S RECOMMENDATIONS.
5. CONTROL JOINTS TO BE HAND TOOLED, NO SAWCUTTING.

3 EXPANSION AND CONTROL JOINTS



4 CONCRETE STAIR ELEVATION
N.T.S.



5 CONCRETE STAIR ELEVATION
N.T.S.

JUNEAU STATE OFFICE BUILDING FRONT STAIR REPLACEMENT



◀ 1" ACTUAL ▶

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: ECR

C3.0

CONSTRUCTION DETAILS

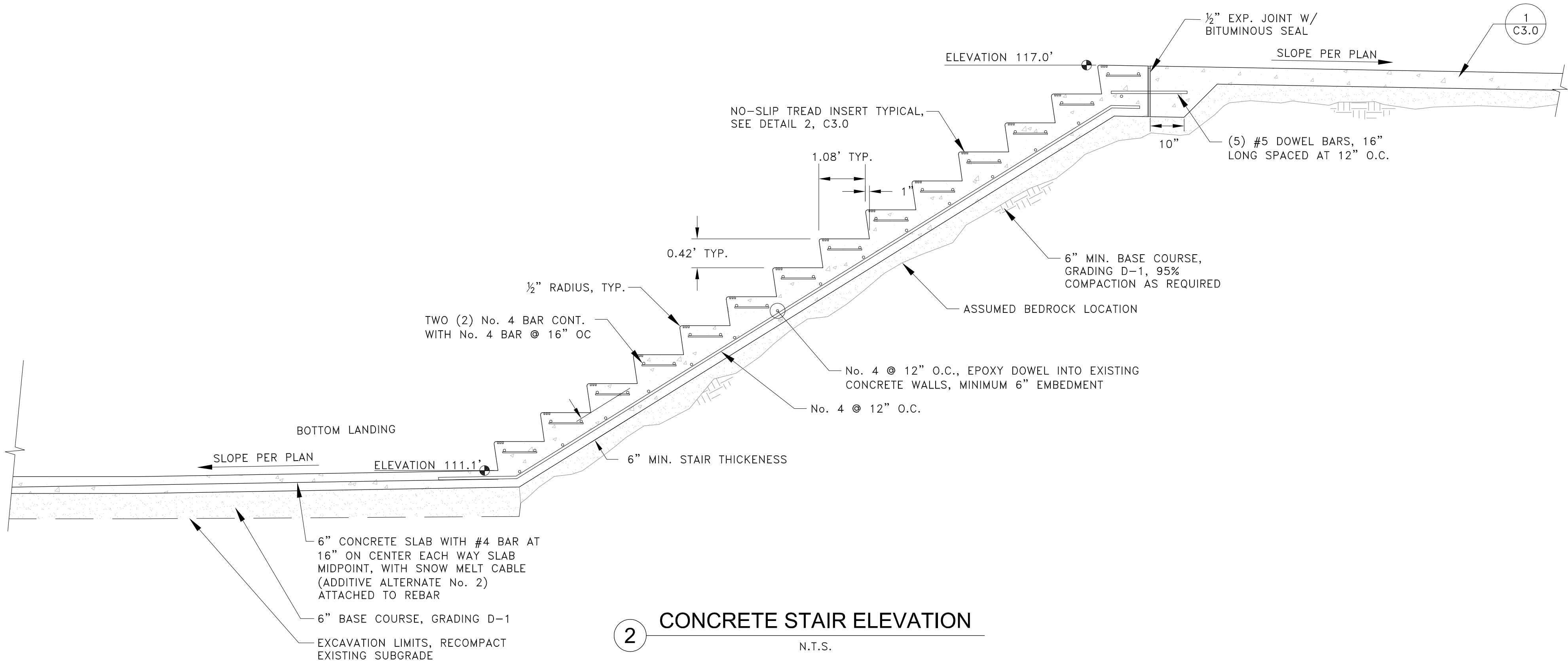
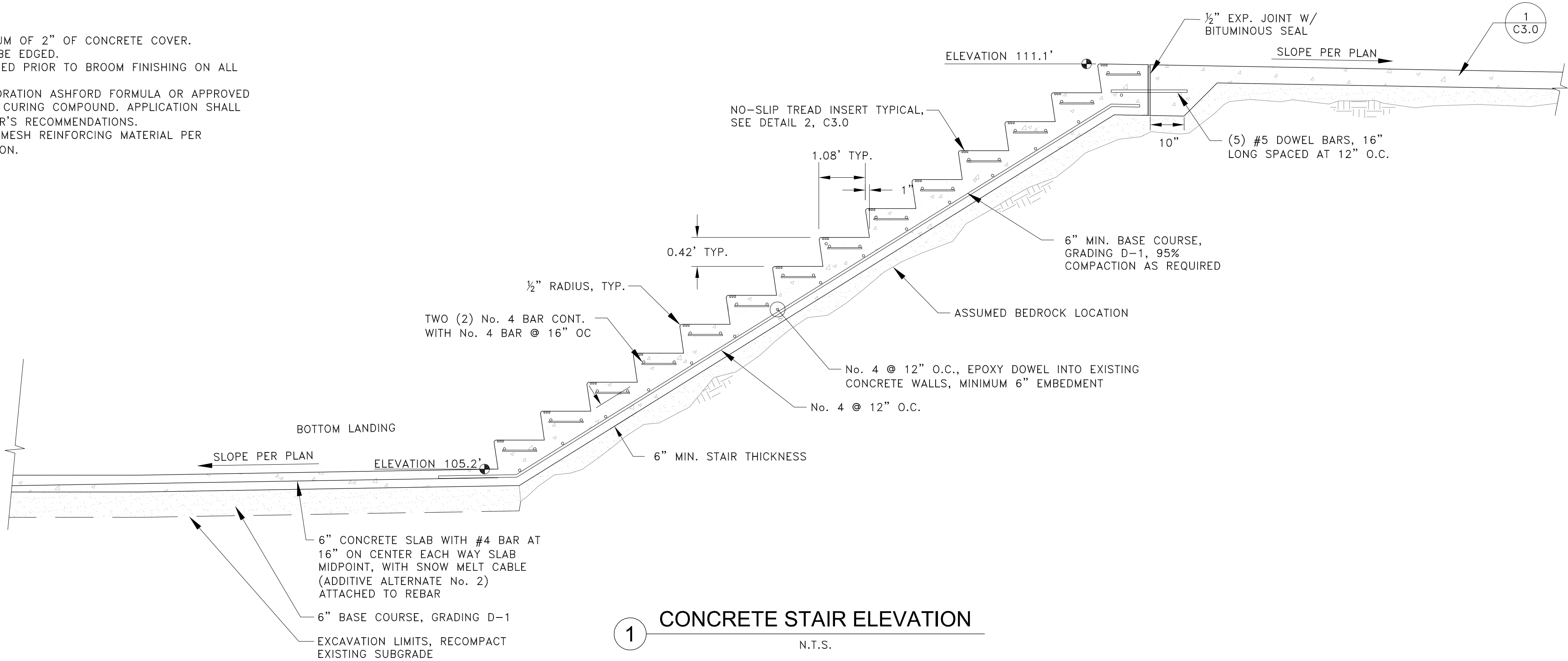
PROJECT DESIGNATION NUMBER

2018-0222-396

STATE	YEAR
ALASKA	2018

NOTES:

1. ALL STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER.
2. ALL JOINTS AND SEAMS SHALL BE EDGED.
3. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
4. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
5. CONCRETE SHALL CONTAIN FIBERMESH REINFORCING MATERIAL PER MANUFACTURER'S RECOMMENDATION.



100%
JUNE 18, 2018

ADDENDUM NUMBER

**
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

PDC Engineers
www.pdceng.com
6205 Glacier Highway
Juneau, AK, 99801

1" = 1' ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

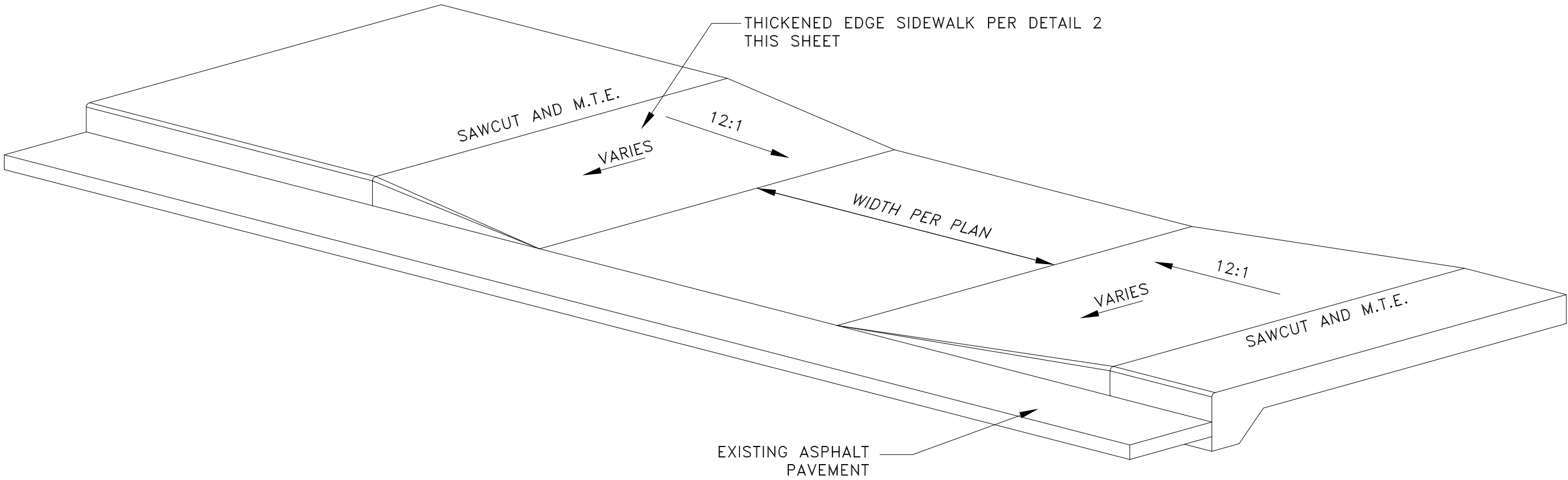
DRAWN BY: ECR

C3.1
CONSTRUCTION
DETAILS

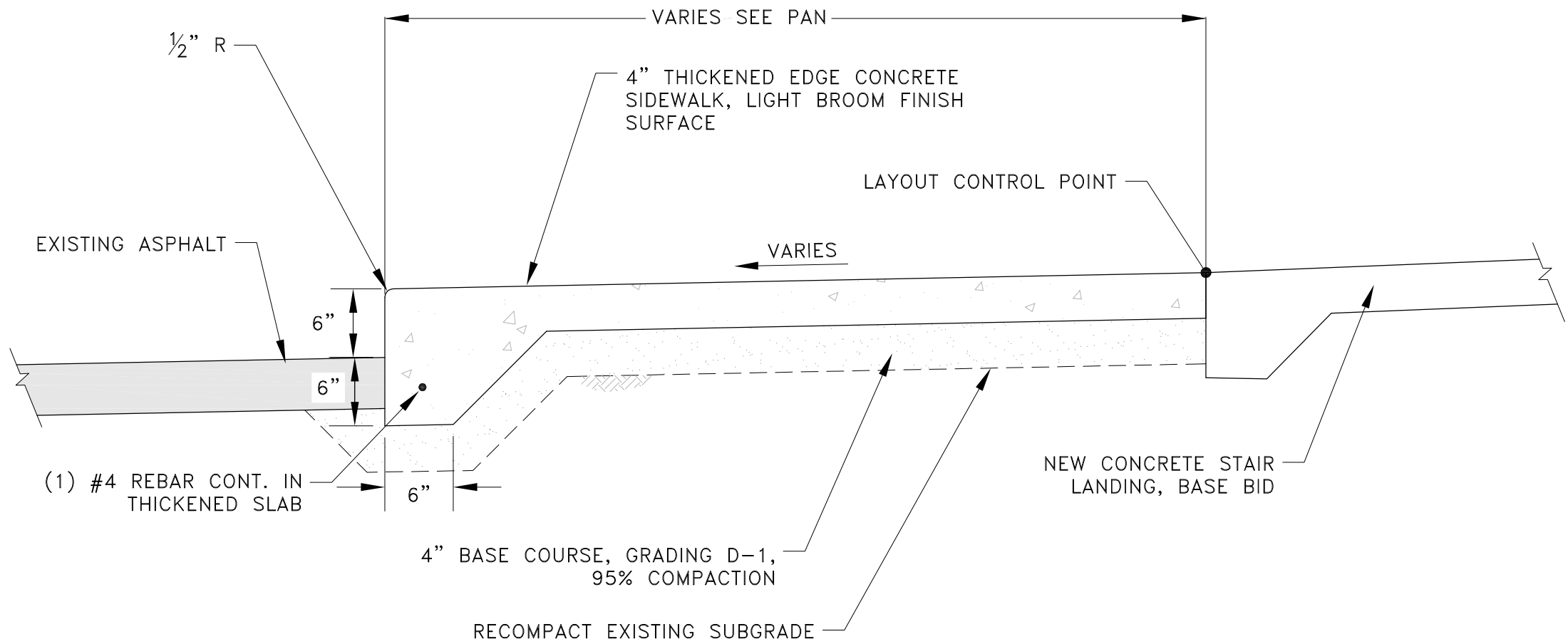
PROJECT DESIGNATION NUMBER

2018-0222-3961

STATE	YEAR
ALASKA	2018



1 DEPRESSED SIDEWALK DETAIL - ADDITIVE ALTERNATE No. 3
N.T.S.



2 THICKENED EDGE SIDEWALK DETAIL - ADDITIVE ALTERNATE No. 3
N.T.S.

100%
JUNE 18, 2018

ADDENDUM NUMBER

**
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

PDC Engineers
www.pdceng.com
6205 Glacier Highway
Juneau, AK, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: ECR

C3.2

CONSTRUCTION
DETAILS

PROJECT DESIGNATION NUMBER

2018-0222-3961

STATE	YEAR
ALASKA	2018

SCOPE OF WORK

CONSTRUCTION REPAIRS AT THE SOB FRONT STAIRS INCLUDES THE FOLLOWING WORK ITEMS:

1. **CONCRETE REPAIR PATCHING:** REPAIR OF SPALLED OR DAMAGED CONCRETE WALL WHERE SHOWN ON THE DRAWINGS OR WHERE INDICATED BY THE ENGINEER IN THE FIELD. REFER TO THE SPECIAL PROVISIONS, SECTION 321317 FOR DETAILED SPECIFICATIONS FOR THIS WORK.
2. **FILLING OF VOID WITH FLOWABLE GROUT:** FILL VOID UNDER STAIRS BETWEEN BEDROCK SURFACE AND BOTTOM OF CONCRETE WALL WITH FLOWABLE CONCRETE GROUT WHERE SHOWN ON THE DRAWINGS OR WHERE INDICATED BY THE ENGINEER IN THE FIELD. REFER TO THE SPECIAL PROVISIONS, SECTION 321317 FOR DETAILED SPECIFICATIONS FOR THIS WORK.

MATERIALS

PROVIDE ALL MATERIALS TO CONSTRUCT THE WORK SHOWN ON THE DRAWINGS, IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. SUBMIT PRODUCT DATA FOR EACH TYPE OF MATERIAL PROPOSED FOR USE. SUBMIT CONCRETE MIX DESIGN FOR APPROVAL AT LEAST 14 DAYS BEFORE STARTING WORK.

1. STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
2. PATCHING MORTAR SHALL BE POLYMER OR MICROSILICA MODIFIED PORTLAND CEMENT WITH NON-SAG FILLER.
3. EPOXY ADHESIVE SHALL BE SIMPSON SET OR HILTI HIT-RE500.

CONSTRUCTION NOTES

A. GENERAL

1. REFER TO THE PROJECT SPECIFICATIONS FOR COMPREHENSIVE CONSTRUCTION REQUIREMENTS. IN CASE OF CONFLICT, DETAILS SHOWN ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES OR STANDARD DETAILS. IF A SPECIFIC DETAIL IS NOT SHOWN FOR ANY PART OF THE WORK, THE CONSTRUCTION SHALL BE THE SAME AS FOR SIMILAR WORK.
2. CLEAN UP AND REMOVE FROM SITE ALL SURPLUS MATERIALS AND DEBRIS AT COMPLETION OF PROJECT.

B. CONCRETE REPAIR PATCHING

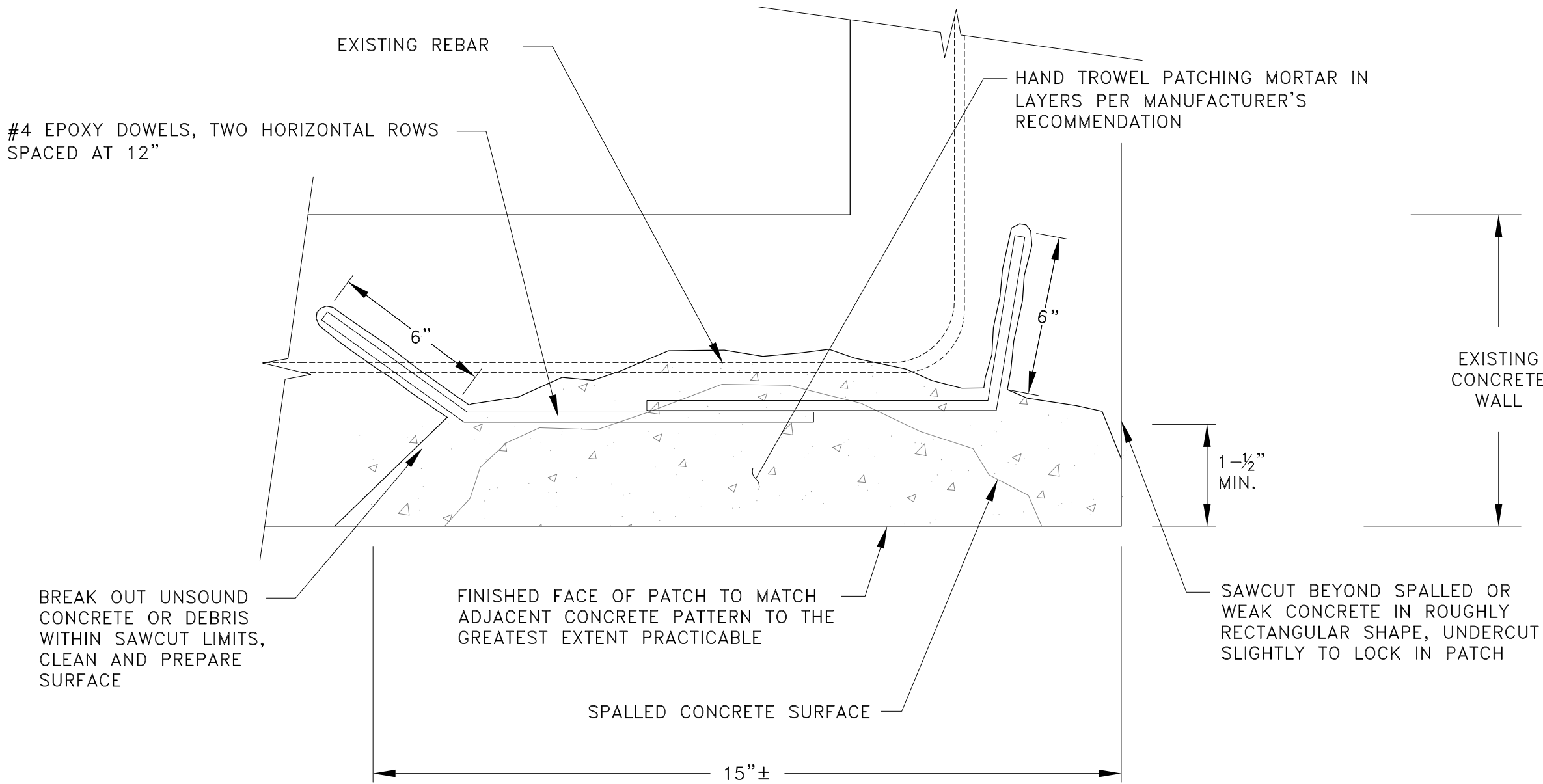
1. SAWCUT, MINIMUM 1-1/2 INCHES DEEP, ROUGHLY RECTANGULAR AREAS, AROUND THE AREAS TO BE REPAIRED, PER DETAIL 2, THIS SHEET.
2. BREAK OUT AND REMOVE UNSOUND CONCRETE OR DEBRIS TO A MINIMUM 1-1/2 INCHES DEEP.
3. CLEAN AND PREPARE CONCRETE SURFACES; MIX AND APPLY PATCHING MORTAR PER THE SPECIFICATIONS.

C. EPOXY DOWELS

1. ALL DOWELS SHALL BE #4 REBAR, STRAIGHT, OR BENT, SPACED AS SHOWN IN THE DRAWINGS.
2. DOWELS SHALL BE MINIMUM 18-INCHES LONG WITH A MINIMUM OF 6-INCH EMBEDMENT INTO SOUND CONCRETE.
3. DRILL 3/4-INCH DIAMETER HOLES, BRUSH CLEAN, FLUSH, INJECT EPOXY RESIN, INSERT DOWEL AND CURE PER MANUFACTURER'S INSTRUCTIONS.



1 PHOTO OF CONCRETE WALL SECTION TO BE REPAIRED
N.T.S.



2 CONCRETE WALL REPAIR DETAIL - PLAN VIEW
N.T.S.

100%
JUNE 18, 2018

ADDENDUM NUMBER

**

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

PDC Engineers
www.pdceng.com
6205 Glacier Highway
Juneau, AK, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: ECR

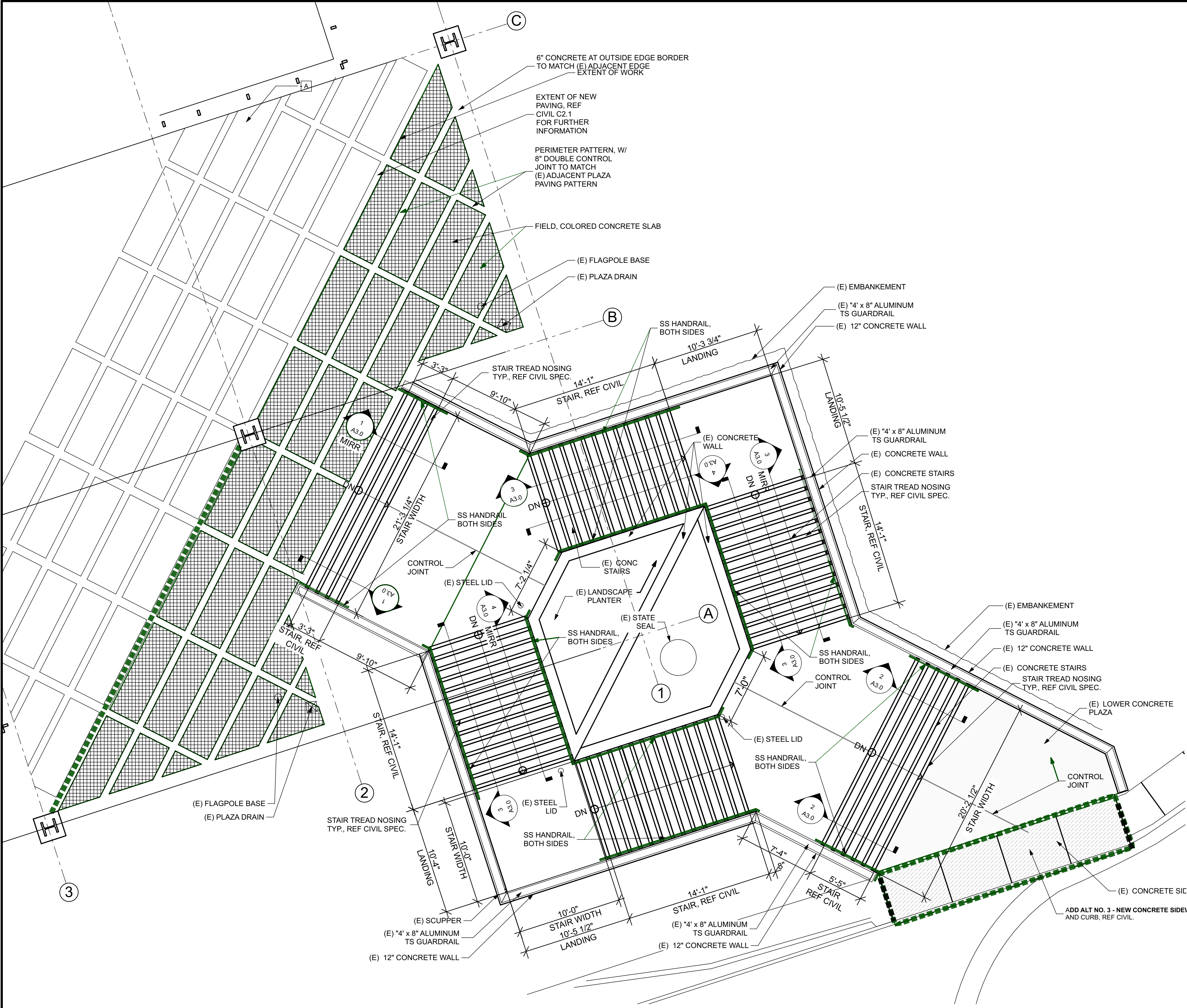
C3.3

CONSTRUCTION
DETAILS

PROJECT DESIGNATION NUMBER

2018-0222-3961

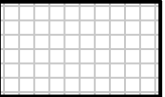
STATE	YEAR
ALASKA	2018



GENERAL NOTES

1. ALL EXISTING CONSTRUCTION TO BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF THE WORK. VERIFY ALL EXISTING DIMENSIONS AND LAYOUT OF NEW STAIR RUNS.
2. SEE CIVIL AND ELECTRICAL DRAWINGS FOR EXTENTS OF STRUCTURAL AND ELECTRICAL WORK.
3. COORDINATE ALL SITE DEMOLITION WITH CIVIL DRAWINGS.
4. COORDINATED ALL PROTECTION, DEMOLITION AND INSTALLATION OF ALL SITE UTILITY WITH CIVIL AND ELECTRICAL DRAWINGS.

PLAN LEGEND

- ITEMS TO BE REMOVED
- LINE MARKING EXTENT/BOUNDARIES OF WORK
-  CONCRETE SLAB, COLOR AS SELECTED BY ARCHITECT

8TH FLOOR NEW STAIR PLAN

SCALE: 3/16" = 1'-0"



100%
JUNE 18, 2018

ADDENDUM NUMBER

ATTACHMENT NUMBER

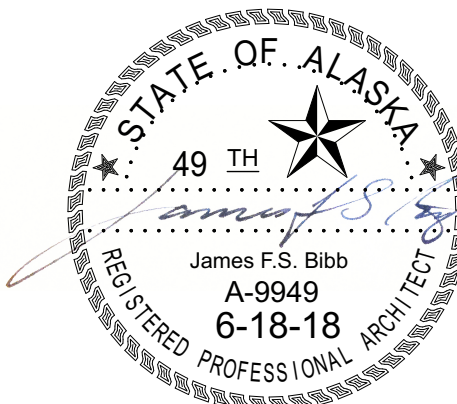
RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xxx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

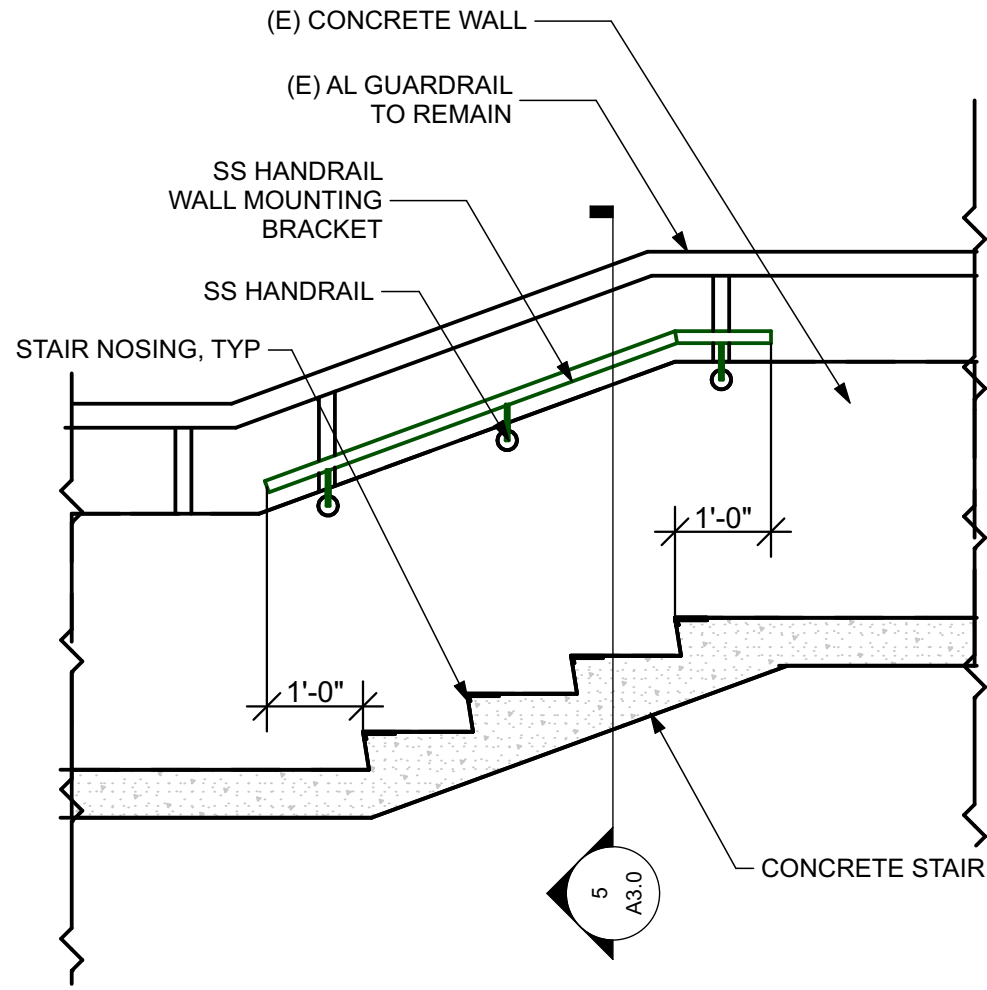
DRAWN BY: SB

A2,1
ARCHITECTURAL STAIR
PLAN

PROJECT DESIGNATION NUMBER

2018-0222- 3961

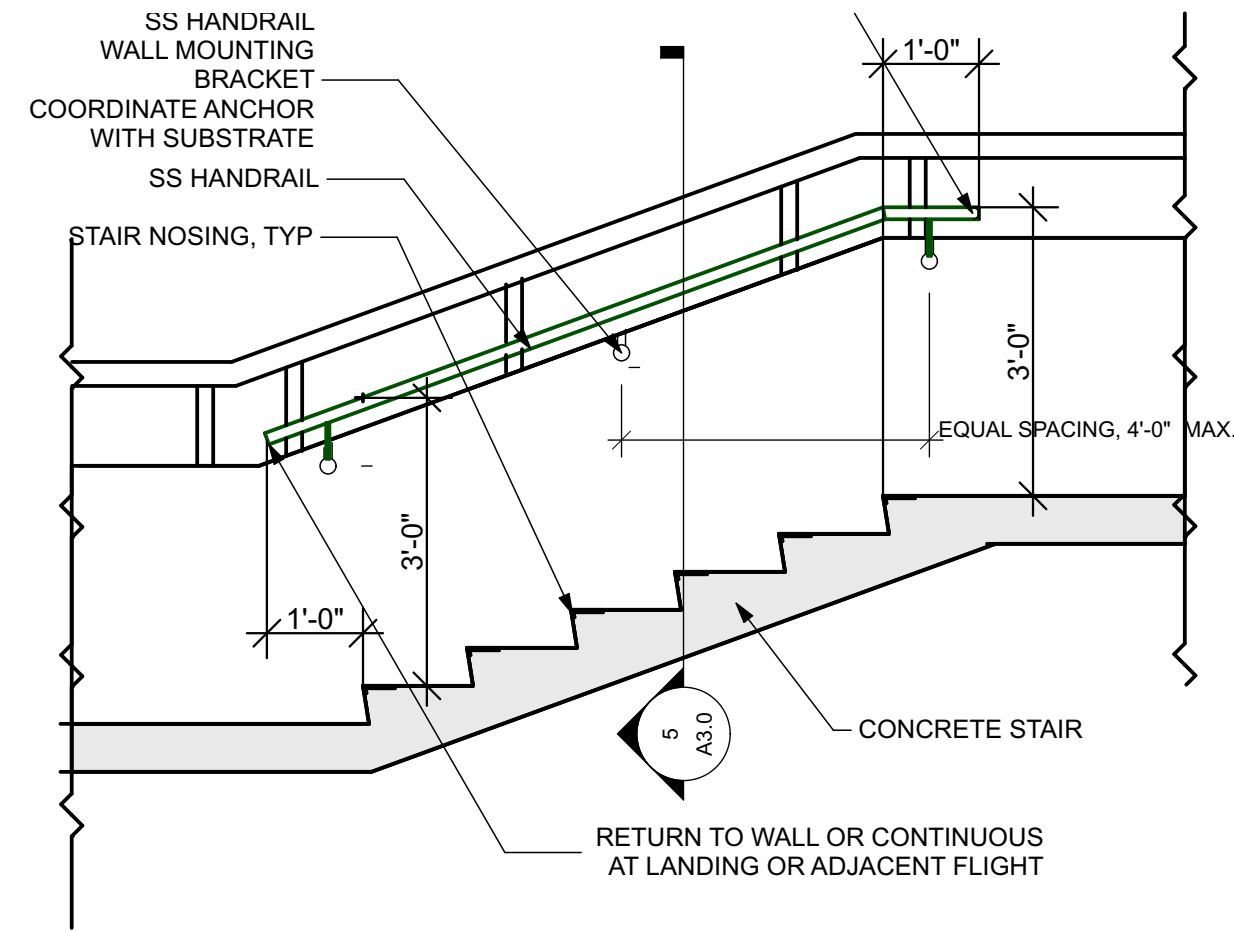
STATE	YEAR
ALASKA	2018



1
A3.0

STAIR SECTIONS

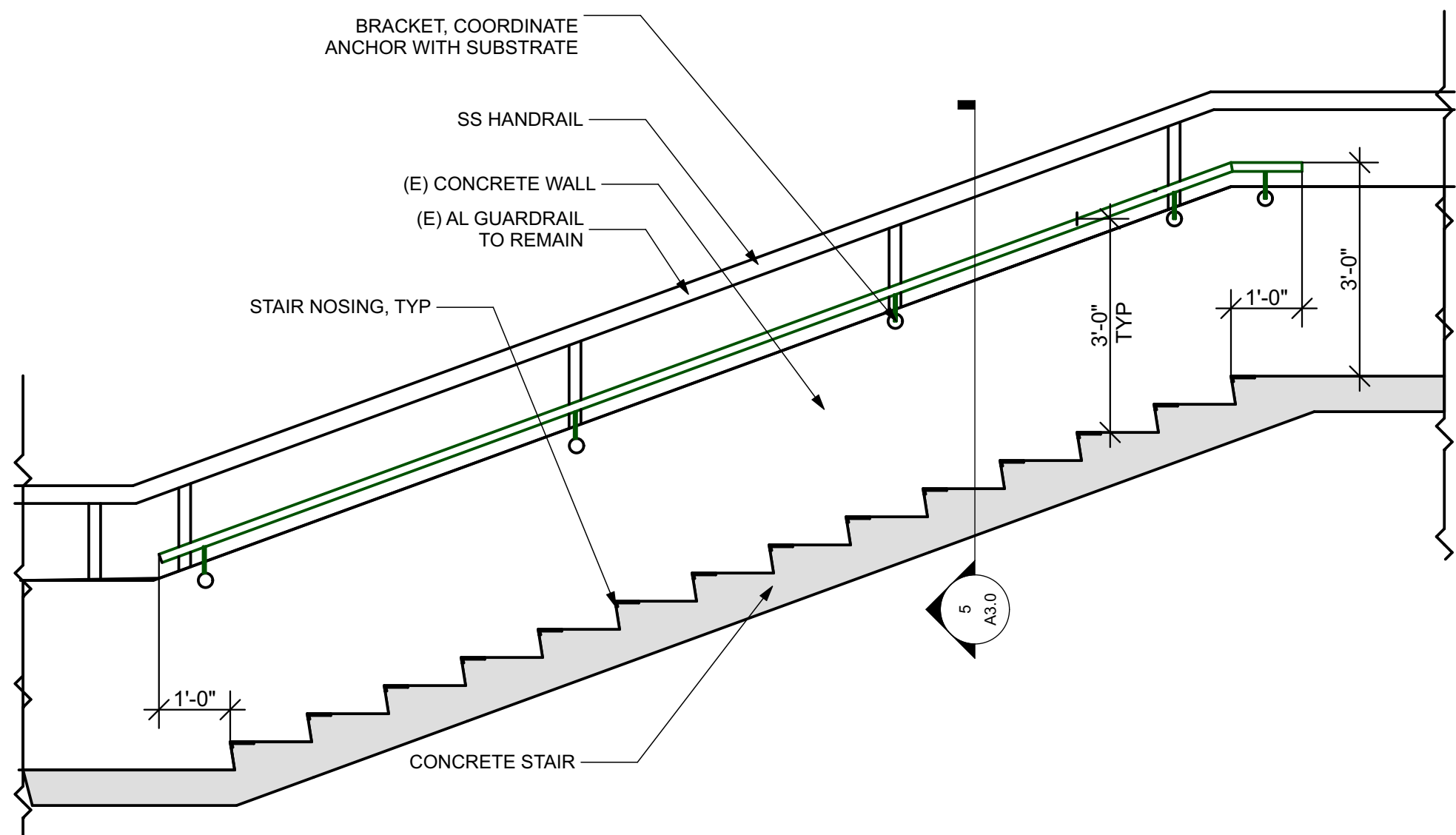
SCALE: 1/2" = 1'-0"



2
A3.0

STAIR SECTIONS

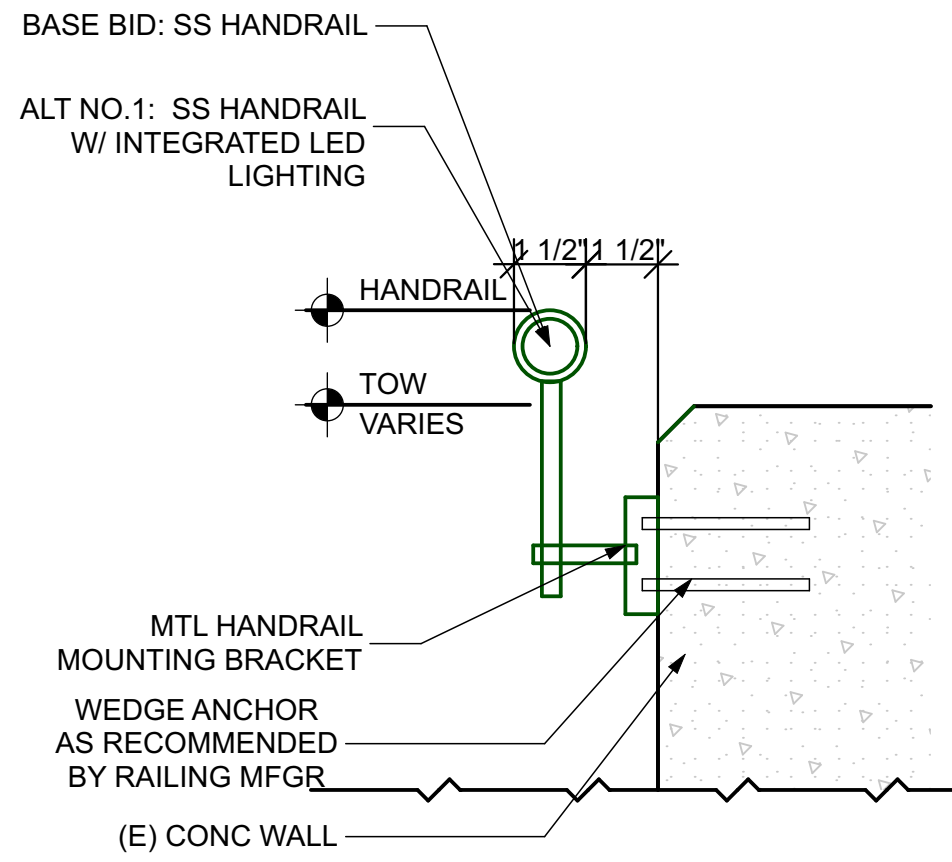
SCALE: 1/2" = 1'-0"



3
A3.0

STAIR SECTIONS

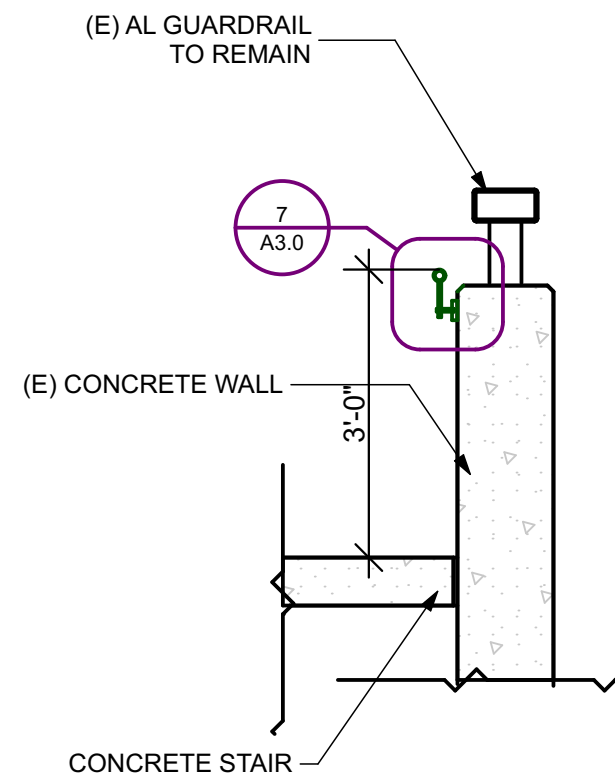
SCALE: 1/2" = 1'-0"



7
A3.0

RAIL ATTACHMENT DETAIL

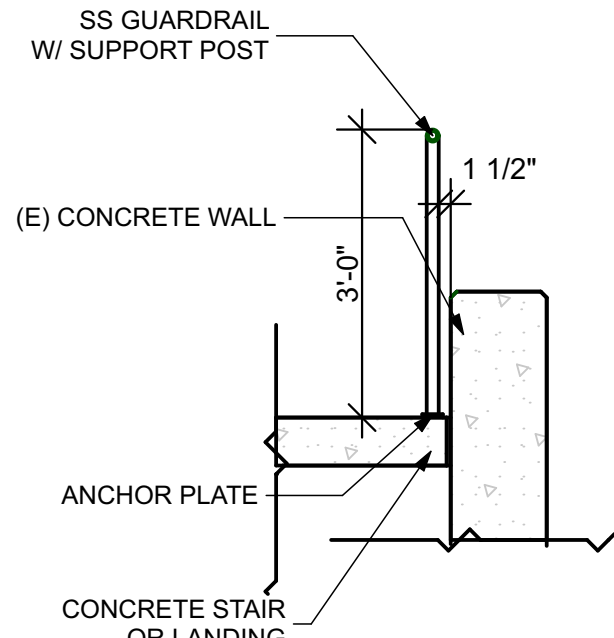
SCALE: 3" = 1'-0"



5
A3.0

SECTION WALL MOUNTED RAIL

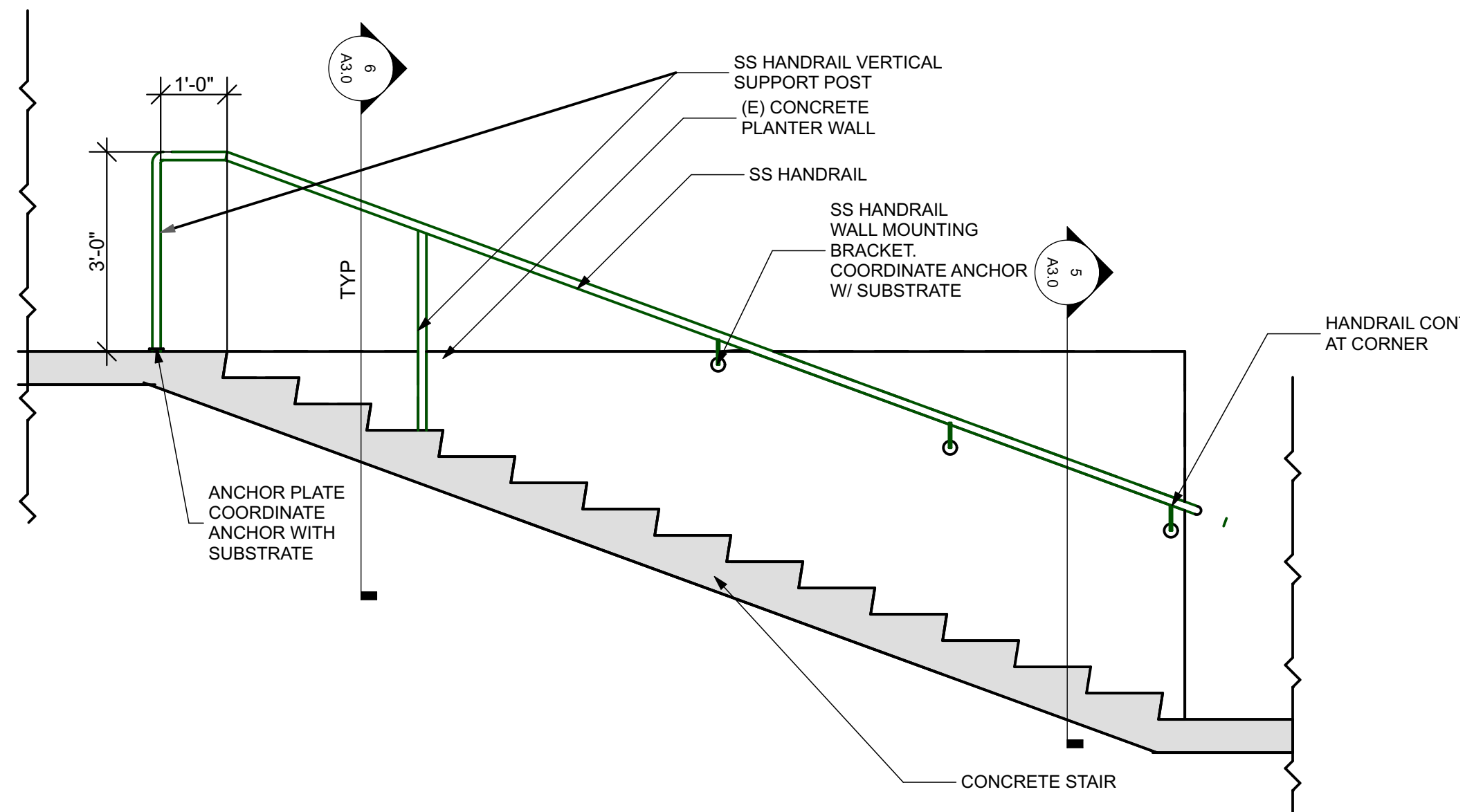
SCALE: 1/2" = 1'-0"



6
A3.0

SECTION AT SLAB MOUNTED RAIL

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



4
A3.0

STAIR SECTIONS

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

100%
JUNE 18, 2018

ADDENDUM NUMBER

ATTACHMENT NUMBER

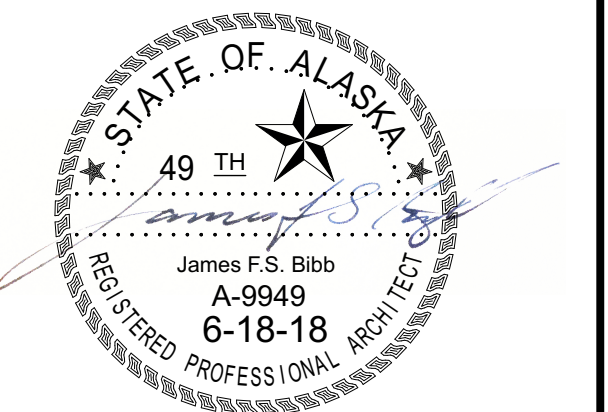
RECORD OF REVISIONS

No.	DATE	DESCRIPTION
1	xx/xx/xx	***

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY: SB

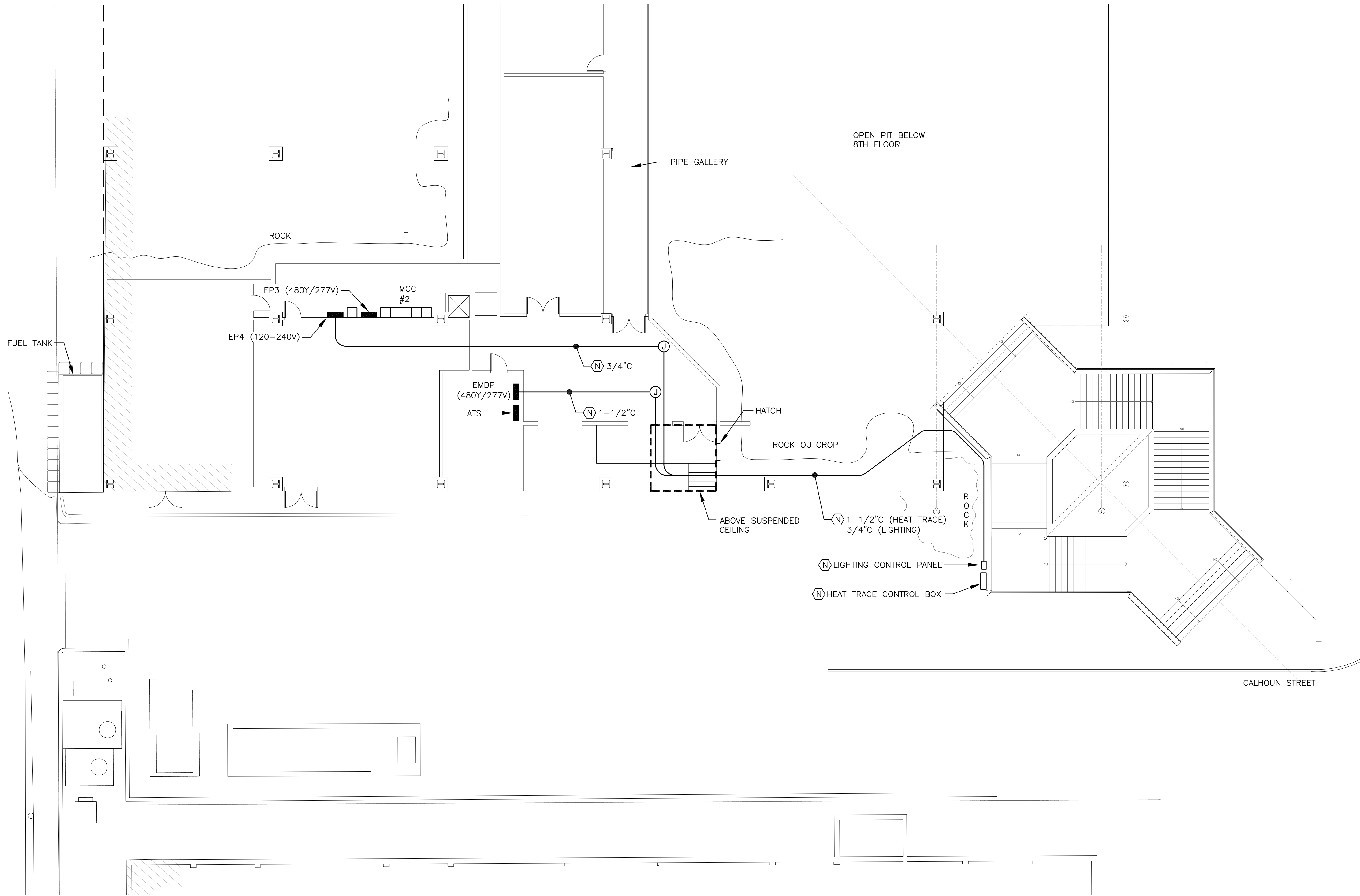
A3.0
ARCHITECTURAL STAIR
DETAILS

PROJECT DESIGNATION NUMBER

2018-0222- 3961

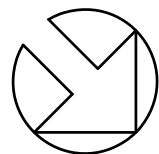
STATE	YEAR
ALASKA	2018

Plotted: 6/18/2018 12:01 PM by Peggy Leslie F:\PROJECTS\250 NORTHWIND ARCHITECTS\77 JSOB STAIRWAY REPLACEMENT\DRAWING\WORKING\E2.0.DWG



1 FLOOR PLAN - 7TH FLOOR

SCALE: 0 5' 10' 20'



STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT

100%
June 18, 2018

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

Haight & Associates, Inc
www.Haight-assoc.com
526 Main Street
Juneau, AK, 99801

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH
(1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED
OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY:

E2.0

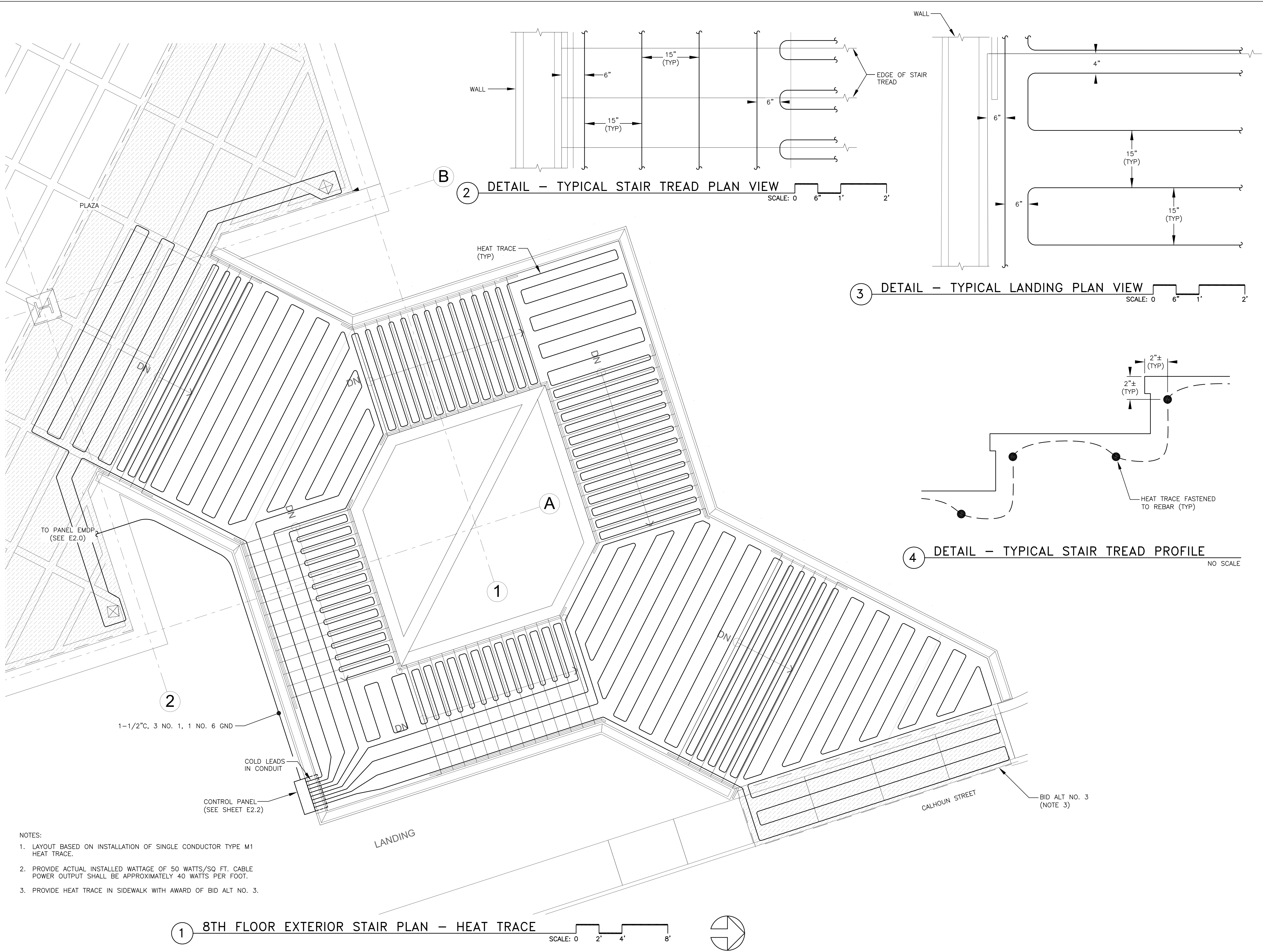
FLOOR PLAN - 7TH FLOOR

PROJECT DESIGNATION NUMBER

2018-0222-3961

STATE	YEAR
ALASKA	2018

Plotted: 6/18/2018 12:01 PM by Peggy Leslie F:\PROJECTS\250 NORTHWIND ARCHITECTS\77 JSOB STAIRWAY REPLACEMENT\DRAWING\WORKING\E2.1.DWG



- NOTES:
- LAYOUT BASED ON INSTALLATION OF SINGLE CONDUCTOR TYPE M1 HEAT TRACE.
 - PROVIDE ACTUAL INSTALLED WATTAGE OF 50 WATTS/SQ FT. CABLE POWER OUTPUT SHALL BE APPROXIMATELY 40 WATTS PER FOOT.
 - PROVIDE HEAT TRACE IN SIDEWALK WITH AWARD OF BID ALT NO. 3.

2 DETAIL – TYPICAL STAIR TREAD PLAN VIEW
SCALE: 0 6" 1' 2'

3 DETAIL – TYPICAL LANDING PLAN VIEW
SCALE: 0 6" 1' 2'

4 DETAIL – TYPICAL STAIR TREAD PROFILE
NO SCALE

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801
Haight & Associates, Inc
www.Haight-assoc.com
526 Main Street
Juneau, AK, 99801

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY:

E2.1

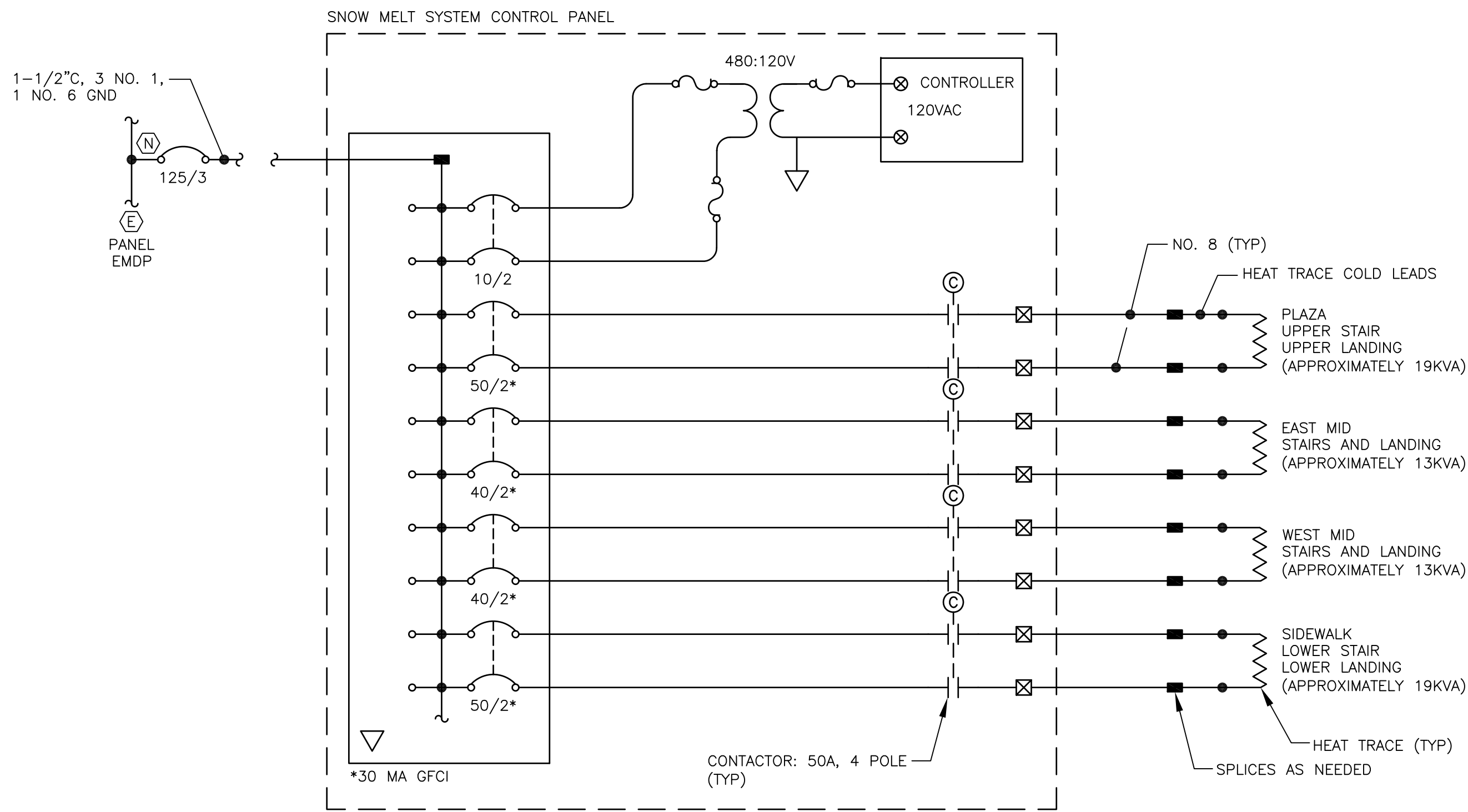
8TH FLOOR EXTERIOR STAIR
PLAN HEAT TRACE,
(BID ALT NO. 2)

PROJECT DESIGNATION NUMBER

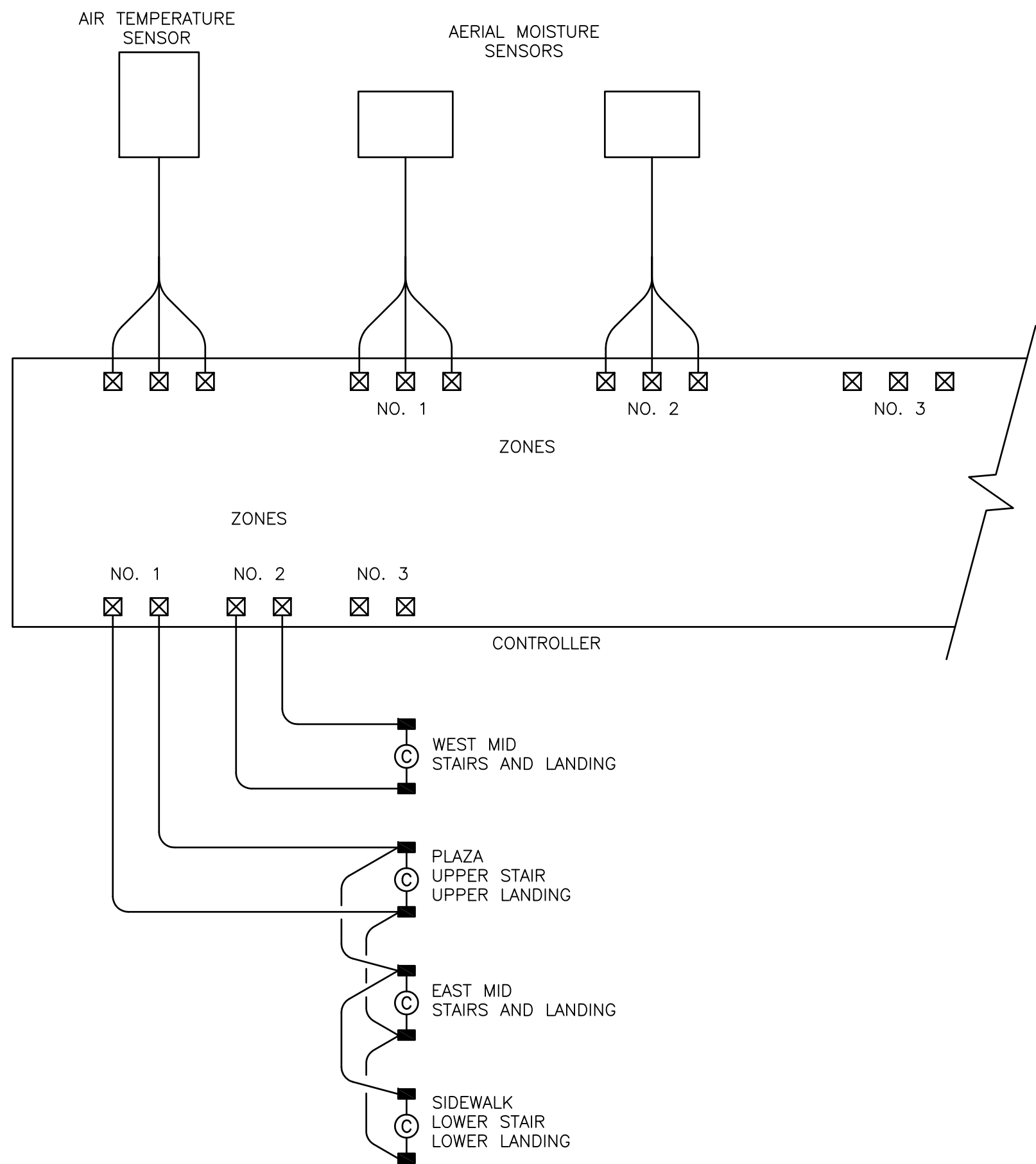
2018-0222-3961

STATE	YEAR
ALASKA	2018

Plotted: 6/18/2018 12:01 PM by Peggy Leslie F:\PROJECTS\250 NORTHWIND ARCHITECTS\77 JSOB STAIRWAY REPLACEMENT\DRAWING\WORKING\E2.2.DWG



1 LINE DIAGRAM – SNOW MELT SYSTEM POWER



2 SIMPLE WIRING DIAGRAM – SNOW MELT CONTROLS

- NOTES:
1. BASIS OF DESIGN:
 - HEAT TRACE: NELSON NELEX MINERAL INSULATED CABLE.
 - CONTROLLER: NELSON MULTISENSOR SNOW/ICE MELTING CONTROLLER.
 - AIR TEMPERATURE SENSOR: NELSON SMTS-1
 - AERIAL MOISTURE SENSORS: NELSON SMAS-1
 2. MOUNT AIR TEMPERATURE SENSOR ON THE WALL ADJACENT TO THE CONTROL PANEL.
 3. MOUNT THE AERIAL MOISTURE SENSORS ON CONDUITS WHERE NOT OBSTRUCTED TO PRECIPITATION AND INACCESSIBLE TO THE PUBLIC.

100%
June 18, 2018

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801

Haight & Associates, Inc
www.Haight-assoc.com
526 Main Street
Juneau, AK, 99801

1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY:

E2.2

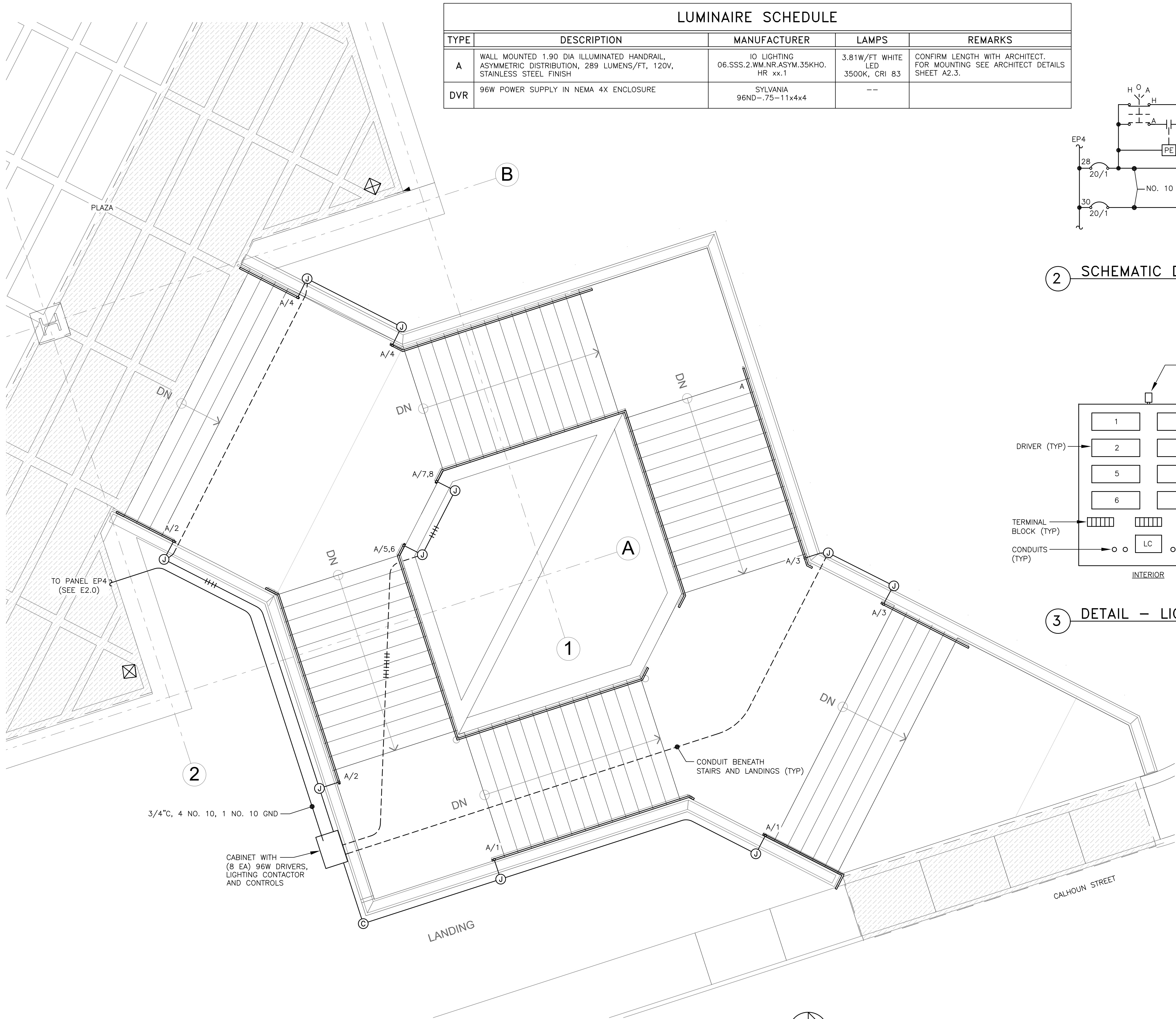
SINGLE LINE DIAGRAMS

PROJECT DESIGNATION NUMBER

2018-0222-3961

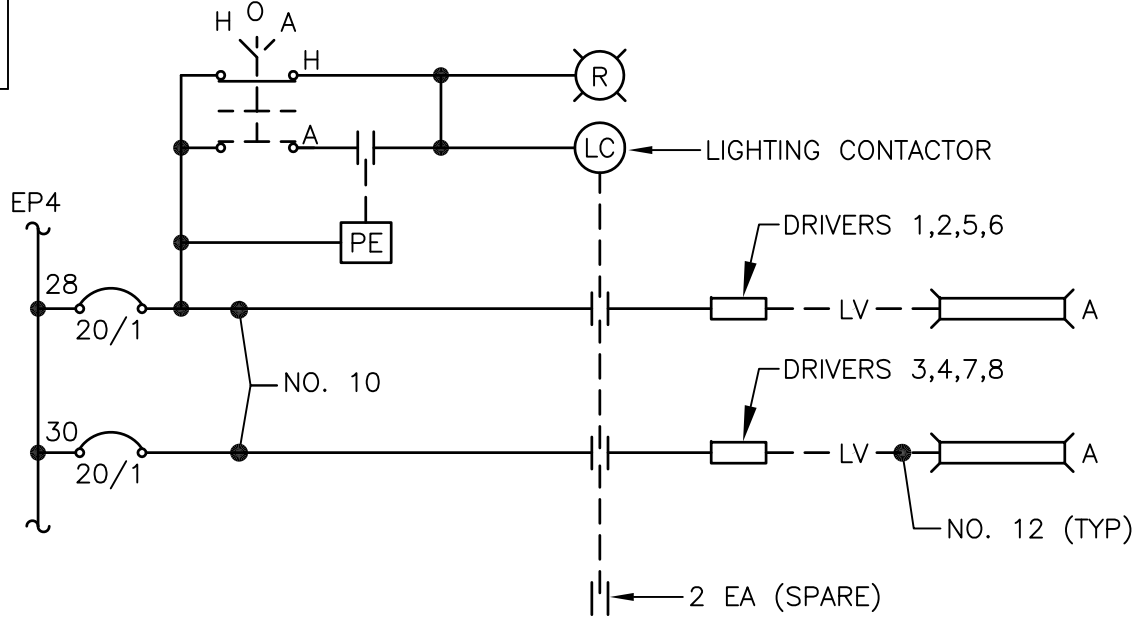
STATE	YEAR
ALASKA	2018

Plotted: 6/18/2018 12:01 PM by Peggy Leslie F:\PROJECTS\250 NORTHWIND ARCHITECTS\77 JSOB STAIRWAY REPLACEMENT\DRAWING\WORKING\E3.0.DWG

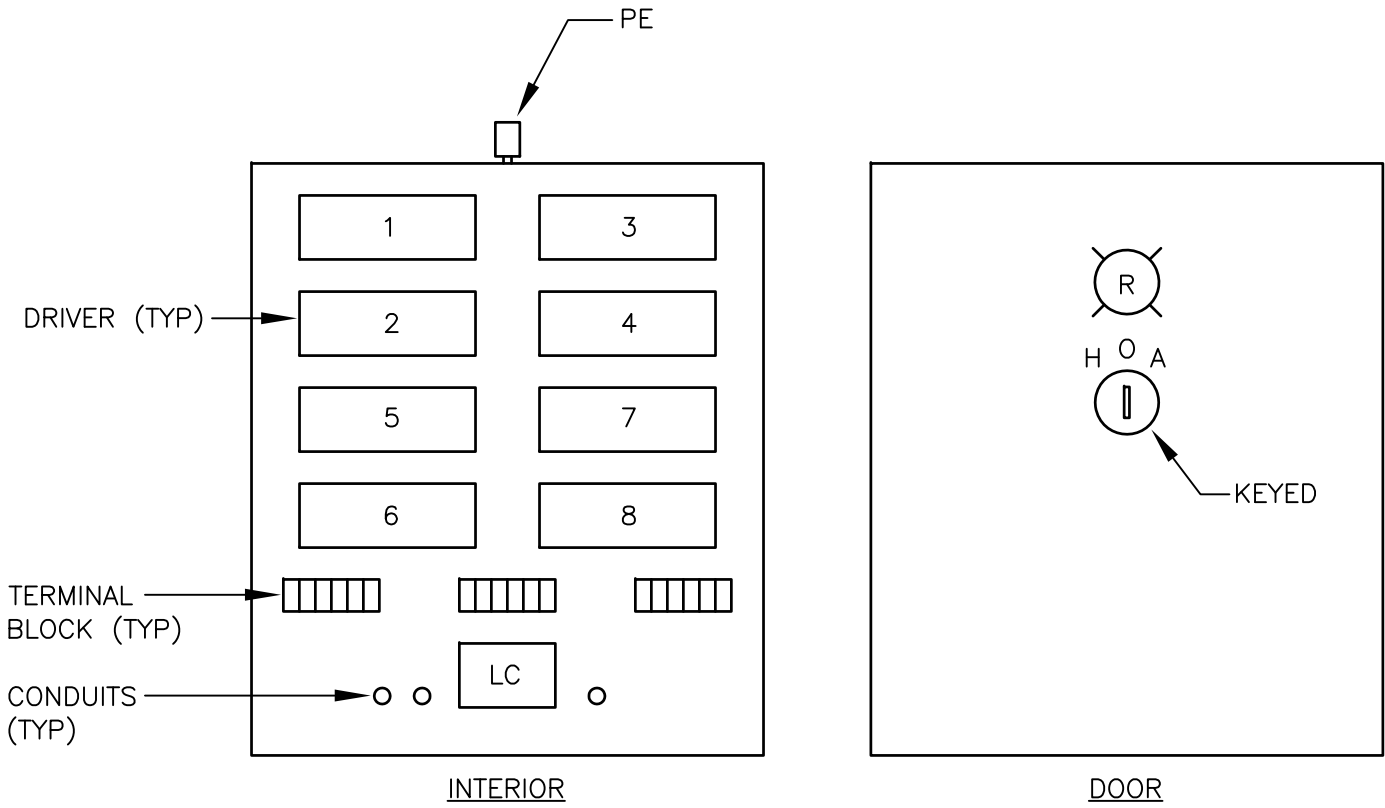


1 8TH FLOOR EXTERIOR STAIR PLAN - LIGHTING

LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	LAMPS	REMARKS
A	WALL MOUNTED 1.90 DIA ILLUMINATED HANDRAIL, ASYMMETRIC DISTRIBUTION, 289 LUMENS/FT, 120V, STAINLESS STEEL FINISH	IO LIGHTING 06.SSS.2.WM.NR.ASYM.35KHO. HR xx.1	3.81W/FT WHITE LED 3500K, CRI 83	CONFIRM LENGTH WITH ARCHITECT. FOR MOUNTING SEE ARCHITECT DETAILS SHEET A2.3.
DVR	96W POWER SUPPLY IN NEMA 4X ENCLOSURE	SYLVANIA 96ND-.75-11x4x4	--	



2 SCHEMATIC DIAGRAM - LIGHTING CONTROLS



3 DETAIL - LIGHTING CONTROL PANEL

STATE OF ALASKA
SHARED SERVICES OF ALASKA

Facilities Section
PO Box 11210
Juneau, AK 99811-0210

JUNEAU STATE OFFICE BUILDING
FRONT STAIR REPLACEMENT



NorthWind Architects, LLC
www.NorthWindArch.com
126 Seward Street
Juneau, AK, 99801
Haight & Associates, Inc
www.Haight-assoc.com
526 Main Street
Juneau, AK, 99801

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH
(1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED
OR REDUCED, AFFECTING ALL LABELED SCALES.

DRAWN BY:

E3.0

8TH FLOOR EXTERIOR STAIR
PLAN LIGHTING, LUMINAIRE
SCHEDULE, (BID ALT NO. 1)

PROJECT DESIGNATION NUMBER

2018-0222-3961

STATE	YEAR
ALASKA	2018