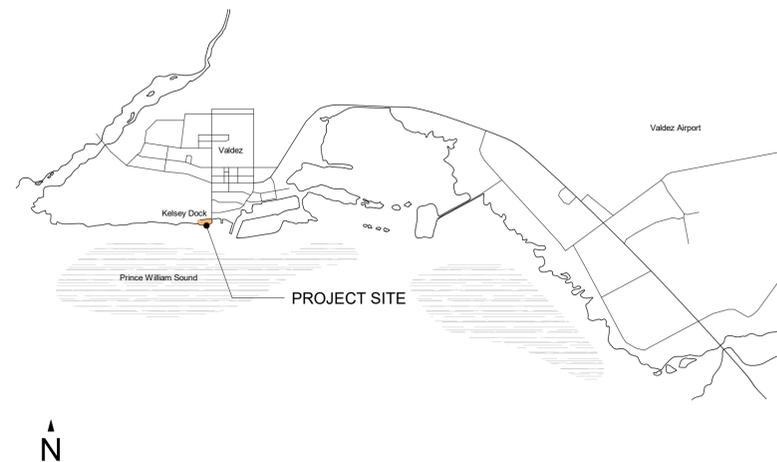




LOCATION MAP



VICINITY MAP



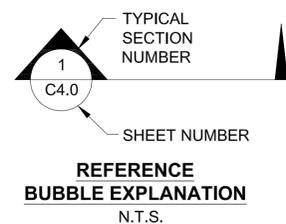
DRAWING INDEX

<p>CIVIL</p> <p>C0.1 GENERAL NOTES, ABBREVS, & SYMBOLS</p> <p>C0.2 SURVEY CONTROL PLAN</p> <p>C0.3 BUILDING GRID LAYOUT PLAN</p> <p>C1.0 EXISTING TOPOGRAPHIC CONDITIONS</p> <p>C2.0 SITE DEMOLITION PLAN</p> <p>C2.1 SITE DEMOLITION PLAN</p> <p>C3.0 UTILITY SITE PLAN</p> <p>C3.1 UTILITY SITE PLAN</p> <p>C4.0 CONSTRUCTION DETAILS</p> <p>C5.0 SANITARY SEWER PROFILE</p> <p>LANDSCAPE</p> <p>L1.00 ADD ALT#5: PIPELINE PLAZA LAYOUT PLAN</p> <p>L5.00 CONSTRUCTION DETAILS</p> <p>ARCHITECTURAL</p> <p>A0.1 CODE ANALYSIS & GENERAL INFO</p> <p>A0.2 ASSEMBLIES</p> <p>A2.1 SITE PLAN</p> <p>A2.2 DEMOLITION PLAN</p> <p>A2.3 FLOOR & ROOF PLAN</p> <p>A2.4 ANNEX PLAN, INT. ELEV., & DETAILS</p> <p>A2.5 ALYESKA STATUE PLAN, ELEV. & DETAILS</p> <p>A2.6 SIGNAGE PLAN AND DETAILS</p>	<p>A4.1 EXTERIOR ELEVATIONS</p> <p>A4.2 EXTERIOR ELEVATIONS - ENLARGED</p> <p>A5.1 SECTIONS</p> <p>A5.2 SECTIONS</p> <p>A6.1 WALL SECTIONS</p> <p>A9.1 REFLECTED CEILING PLAN</p> <p>A10.1 EXTERIOR DETAIL - PLAN</p> <p>A10.2 EXTERIOR DETAILS - SECTION</p> <p>A10.3 EXTERIOR DETAILS - SECTION</p> <p>A11.1 SCHEDULES & INTERIOR DETAILS - PLAN</p> <p>A11.2 INTERIOR DETAIL - SECTION</p> <p>STRUCTURAL</p> <p>S1.1 GENERAL NOTES</p> <p>S1.2 GENERAL NOTES</p> <p>S1.3 SPECIAL INSPECTIONS</p> <p>S2.1 CANOPY PLANS</p> <p>S3.1 FOUNDATION DETAILS</p> <p>S4.1 WALL ELEVATIONS</p> <p>S5.1 CMU DETAILS</p> <p>S5.2 FRAMING DETAILS</p> <p>S5.3 FRAMING DETAILS</p> <p>S5.4 FRAMING DETAILS</p>	<p>MECHANICAL</p> <p>M0.1 MECH. SYMBOL LEGEND & ABBREVIATIONS</p> <p>M0.2 MECHANICAL SCHEDULES</p> <p>M2.0 UNDERFLOOR - PLUMBING PLAN</p> <p>M2.1 FIRST FLOOR - PLUMBING PLAN</p> <p>M2.2 ROOF & MEZZANINE - PLUMBING PLAN</p> <p>M3.1 FIRST FLOOR - HVAC PLAN</p> <p>M3.2 ROOF & MEZZANINE - HVAC PLAN</p> <p>M5.1 MECHANICAL DETAILS</p> <p>M6.1 MECHANICAL DIAGRAMS</p> <p>ELECTRICAL</p> <p>E0.1 LEGENDS & ABBREVIATIONS</p> <p>E0.2 SCHEDULES</p> <p>E1.1 DEMO SITE PLAN</p> <p>E1.2 SITE PLAN</p> <p>E2.1 ELECTRICAL - FLOOR PLAN - DEMO</p> <p>E2.2 LIGHTING - FLOOR PLAN</p> <p>E2.3 LIGHTING ZONES - FLOOR PLAN</p> <p>E2.4 POWER & COMM - FLOOR PLAN</p> <p>E2.5 ELECTRICAL - MEZZANINE PLAN</p> <p>E5.1 DIAGRAMS</p> <p>E6.1 PANEL SCHEDULES</p> <p>E7.1 REFERENCE PHOTOS</p>
--	--	--

TITLE SHEET

GENERAL CIVIL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF VALDEZ CONSTRUCTION STANDARDS, SPECIFICATIONS AND DETAILS.
- MAINTAIN A MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION BETWEEN WATER AND SANITARY SEWER MAIN AND SERVICES. A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18) INCHES SHALL BE MAINTAINED AT ALL WATER/SEWER CROSSINGS.
- MAINTAIN A MINIMUM OF 36-INCHES OF VERTICAL SEPARATION BETWEEN ANY STORM SEWER (STORM DRAIN OR FOOTING DRAIN) AND WATERLINE (MANS OR SERVICES). IF 36-INCHES CANNOT BE MAINTAINED, PROVIDE A MINIMUM OF 4-INCH THICK INSULATION. SEE CITY OF VALDEZ DETAILS 70.11 AND 70.12. WHEN USING ARCTIC PIPE NO ADDITIONAL INSULATION REQUIRED ALSO SEPARATION DISTANCE IS BASED ON ACTUAL CARRIER PIPE WITH THE ARCTIC PIPE NOT THE EXTERIOR OF THE ARCTIC PIPE.
- ALL WATER/SEWER PIPE INSULATION SHALL BE RIGID BOARD, HIGH DENSITY EXTRUDED POLYSTYRENE, MIN. 60 P.S.I., FOR UNDERGROUND INSTALLATIONS EQUIVALENT TO R-20 AND FOUR INCH THICK OF INSULATION.
- CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
- THE CONTRACTOR SHALL PROVIDE FULL AS-BUILT DRAWINGS IN PDF FORMAT PRIOR TO CONTRACT FINAL PAYMENT.
- CONTRACTOR SHALL FIELD INSTALL " MEG-A-LUG" JOINT RESTRAINT ON ALL WATER LINE MECHANICAL JOINTS.
- ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE, EXCEPT AS NOTED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ON TO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL INSTALL STRAW WATTLES ALONG GUTTER PANS AND SILT SACKS IN EXISTING CATCH BASINS. SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY SHALL BE SWEEPED UP WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.
- A TRAFFIC CONTROL PLAN IS REQUIRED AND MUST BE APPROVED PRIOR TO CONSTRUCTION.
- CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE FEDERAL, STATE AND CITY PERMITS. COPIES OF PERMITS MUST BE SUBMITTED TO THE CITY OF VALDEZ PROJECT MANAGER.



SHEET INDEX	
SHEET #	DESCRIPTION
C0.1	GENERAL NOTES, ABBREVIATIONS & SYMBOLS
C0.2	SURVEY CONTROL PLAN
C0.3	BUILDING GRID LAYOUT PLAN
C1.0	EXISTING TOPOGRAPHIC CONDITIONS
C2.0	SITE DEMOLITION PLAN
C2.1	SITE DEMOLITION PLAN
C3.0	UTILITY SITE PLAN
C3.1	UTILITY SITE PLAN
C4.0	CONSTRUCTION DETAILS
C5.0	SANITARY SEWER PROFILE

ABBREVIATIONS

ACS	ALASKA COMMUNICATIONS SYSTEMS
ADD. ALT.	ADDITIVE ALTERNATE
ARCH	ARCHITECTURAL
AST	ABOVE GROUND STORAGE TANK
BC	BEGINNING OF CURVE
BOF	BOTTOM OF FOOTING
BOP	BEGINNING OF PROJECT
C&G	CURB & GUTTER
CB	CATCH BASIN
C/L	CENTERLINE
CLR	CLEARANCE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUOUS
COV	CITY OF VALDEZ
CPP	CORRUGATED POLYETHYLENE PIPE
CTE	CONNECT TO EXISTING
DIP	DUCTILE IRON PIPE
DIA	DIAMETER
DOT/PF	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
E	EASTING
EG	EXISTING GRADE
EL	ELEVATION
ELEC	ELECTRICAL
EOP	END OF PROJECT
EP	EDGE OF PAVEMENT
EXIST	EXISTING
EXP	EXPANSION
FD	FOUNDATION DRAIN
FG	FINISH GRADE
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCE MAIN
FTG	FOOTING
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
IE	INVERT ELEVATION
L	LENGTH
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MJ	MECHANICAL JOINT
MTE	MATCH TO EXISTING
N	NORTHING
N/A	NOT APPLICABLE
NFS	NON-FROST SUSCEPTIBLE
NTS	NOT TO SCALE
OC	ON CENTER
OG	ORIGINAL GROUND
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PERF	PERFORATED
PI	POINT OF INTERSECTION
P/L	PROPERTY LINE
POC	POINT ON CURVE
POL	POINT ON LINE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY/POINT
PVC	POLYVINYL CHLORIDE
R	RADIUS
RAP	RECYCLED ASPHALT PAVEMENT
ROW	RIGHT-OF-WAY
RP	RADIUS POINT
RT	RIGHT
SD	STORM PIPE
SDMH	STORM DRAIN MANHOLE
SP	SANITARY SEWER PIPE
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
TBM	TEMPORARY BENCH MARK
TBC	TOP BACK OF CURB
TOB	TOP OF BANK
TOP	TOP OF PIPE
TYP	TYPICAL
UD	UNDERDRAIN
UST	UNDERGROUND STORAGE TANK
UON	UNLESS OTHERWISE NOTED
VC	VERTICAL CURVE
VERT	VERTICAL
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W/	WITH

SYMBOLS

EXISTING	PROPOSED	
---	---	PROPERTY / BOUNDARY LINE
---	---	UTILITY EASEMENT LINE
□	□	TEMPORARY BENCH MARK
○	○	SANITARY SEWER MANHOLE
□	□	SANITARY SEWER LIFT STATION
○	○	SEWER SERVICE CLEANOUT
→	→ (SP-1) →	SANITARY SEWER LINE
▨	▨	STORM DRAIN CATCH BASIN
○	○	STORM DRAIN MANHOLE
---	--- (SD-1) ---	STORM DRAIN PIPE
==	==	TYPE-I STANDARD CURB AND GUTTER
==	==	ROLL CURB AND GUTTER
▨	▨	ASPHALT SURFACE
▨	▨	CONCRETE SURFACE
---	---	SAW CUT AND M.T.E.
---	---	WATER LINE
⊗	⊗	WATER VALVE
○	○	FIRE HYDRANT
○	○	UTILITY POLE WITH LIGHT
---	---	ELECTRIC LINE
---	---	ELECTRIC LINE UNDERGROUND
⊗	⊗	ELECTRIC TRANSFORMER
---	---	CABLE TV LINE UNDERGROUND
---	---	TELEPHONE LINE UNDERGROUND
○	○	TRAFFIC CONTROL SIGN
→ FM →	→ FM →	FORCE MAIN SEWER LINE
22'	22'	CONTOUR
□	□	WOOD FENCE
○	○	DECORATIVE HANDRAIL
○	○	LANDSCAPE SHRUB
▨	▨	MISCELLANEOUS LANDSCAPING
▨	▨	PICNIC TABLE
○	○	CONCRETE PLANTER
▨	▨	STRUCTURE
○	○	FINISH GRADE POINT
→	→	SURFACE DRAINAGE SHEET FLOW DIRECTION

© 2017 ECI, Inc.

PDC ENGINEERS INC.
4905 GLACIER HIGHWAY JUNEAU ALASKA 99801
907.780.6060

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO.17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

CONSTRUCTION DOCUMENTS



GENERAL NOTES, ABBREVIATIONS & SYMBOLS

AUTHOR: ECR
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -

CHECKED: JMP

C0.1

FULL SIZE PRINTED ON 22 x 34

GENERAL SURVEY NOTES

1. THE BASIS OF BEARING UTILIZED IN THE SURVEY INFORMATION SHOWN WAS BETWEEN RECOVERED ADOT&PF HAZELET AVE CENTERLINE MONUMENT STAMPED "86+15.96; 6504 S; DOT PF 1997" AND RECOVERED ADOT&PF HAZELET AVE CENTERLINE MONUMENT AT THE INTERSECTION OF FIDALGO DRIVE WITH COORDINATES OF N 2,603,722.711, E 436,699.858. HAVING A RECORD COMPUTED BEARING OF S00°19'49"E.
2. THE BASIS FOR VERTICAL CONTROL FOR THIS SURVEY IS THE 3.5" BRASS CAP "WAREHOUSE 1966" LOCATED IN THE ENTRANCE OF THE WAREHOUSE ALONG HAZELET AVE. 25.72' MLLW ELEVATION.
3. THIS FIELD SURVEY AND DATA SHOWN WAS PROVIDED BY THE CITY OF VALDEZ FROM CITY OF VALDEZ KELSEY DOCK UPLAND IMPROVEMENTS DATED OCTOBER, 2008 WITH AS-BUILT INFORMATION DATED MAY, 2015.
4. THE CONTRACTOR SHALL VERIFY ALL PROJECT CONTROL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.

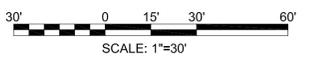
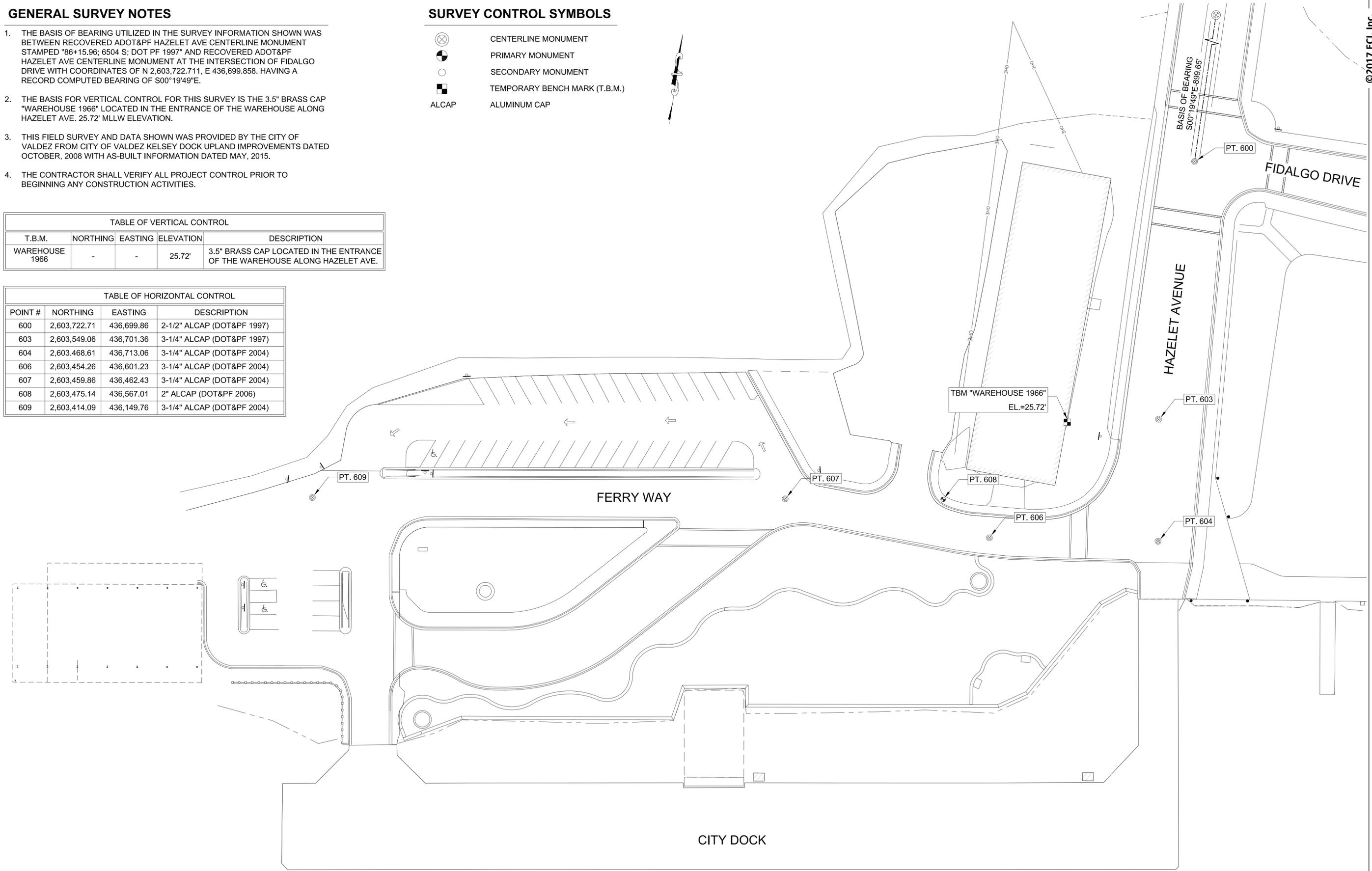
SURVEY CONTROL SYMBOLS

- ⊗ CENTERLINE MONUMENT
- PRIMARY MONUMENT
- SECONDARY MONUMENT
- TEMPORARY BENCH MARK (T.B.M.)
- ALCAP ALUMINUM CAP



TABLE OF VERTICAL CONTROL				
T.B.M.	NORTHING	EASTING	ELEVATION	DESCRIPTION
WAREHOUSE 1966	-	-	25.72'	3.5" BRASS CAP LOCATED IN THE ENTRANCE OF THE WAREHOUSE ALONG HAZELET AVE.

TABLE OF HORIZONTAL CONTROL			
POINT #	NORTHING	EASTING	DESCRIPTION
600	2,603,722.71	436,699.86	2-1/2" ALCAP (DOT&PF 1997)
603	2,603,549.06	436,701.36	3-1/4" ALCAP (DOT&PF 1997)
604	2,603,468.61	436,713.06	3-1/4" ALCAP (DOT&PF 2004)
606	2,603,454.26	436,601.23	3-1/4" ALCAP (DOT&PF 2004)
607	2,603,459.86	436,462.43	3-1/4" ALCAP (DOT&PF 2004)
608	2,603,475.14	436,567.01	2" ALCAP (DOT&PF 2006)
609	2,603,414.09	436,149.76	3-1/4" ALCAP (DOT&PF 2004)



© 2017 ECI, Inc.

PDC ENGINEERS INC.
 4205 GLACIER HIGHWAY JUNEAU ALASKA 99801
 907.780.6060

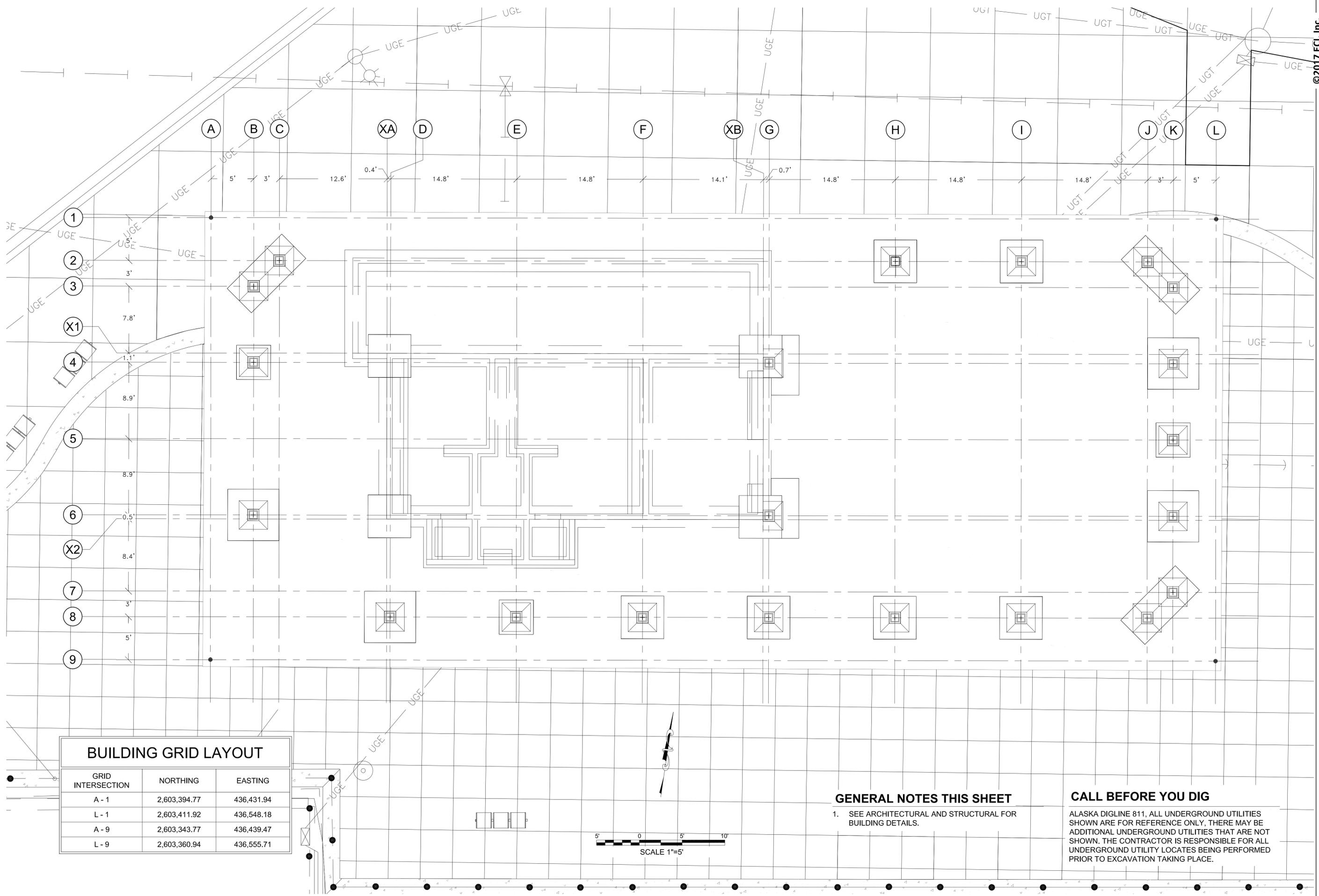
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO.17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



SURVEY CONTROL PLAN

AUTHOR: ECR CHECKED: JMP
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO: -



BUILDING GRID LAYOUT		
GRID INTERSECTION	NORTHING	EASTING
A - 1	2,603,394.77	436,431.94
L - 1	2,603,411.92	436,548.18
A - 9	2,603,343.77	436,439.47
L - 9	2,603,360.94	436,555.71

GENERAL NOTES THIS SHEET

1. SEE ARCHITECTURAL AND STRUCTURAL FOR BUILDING DETAILS.

CALL BEFORE YOU DIG

ALASKA DIGLINE 811, ALL UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES BEING PERFORMED PRIOR TO EXCAVATION TAKING PLACE.

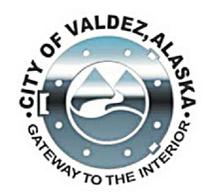
©2017 ECI, Inc.

PDC ENGINEERS INC.
 4905 GLACIER HIGHWAY JUNEAU ALASKA 99801
 907.760.6060

ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO.17-0009

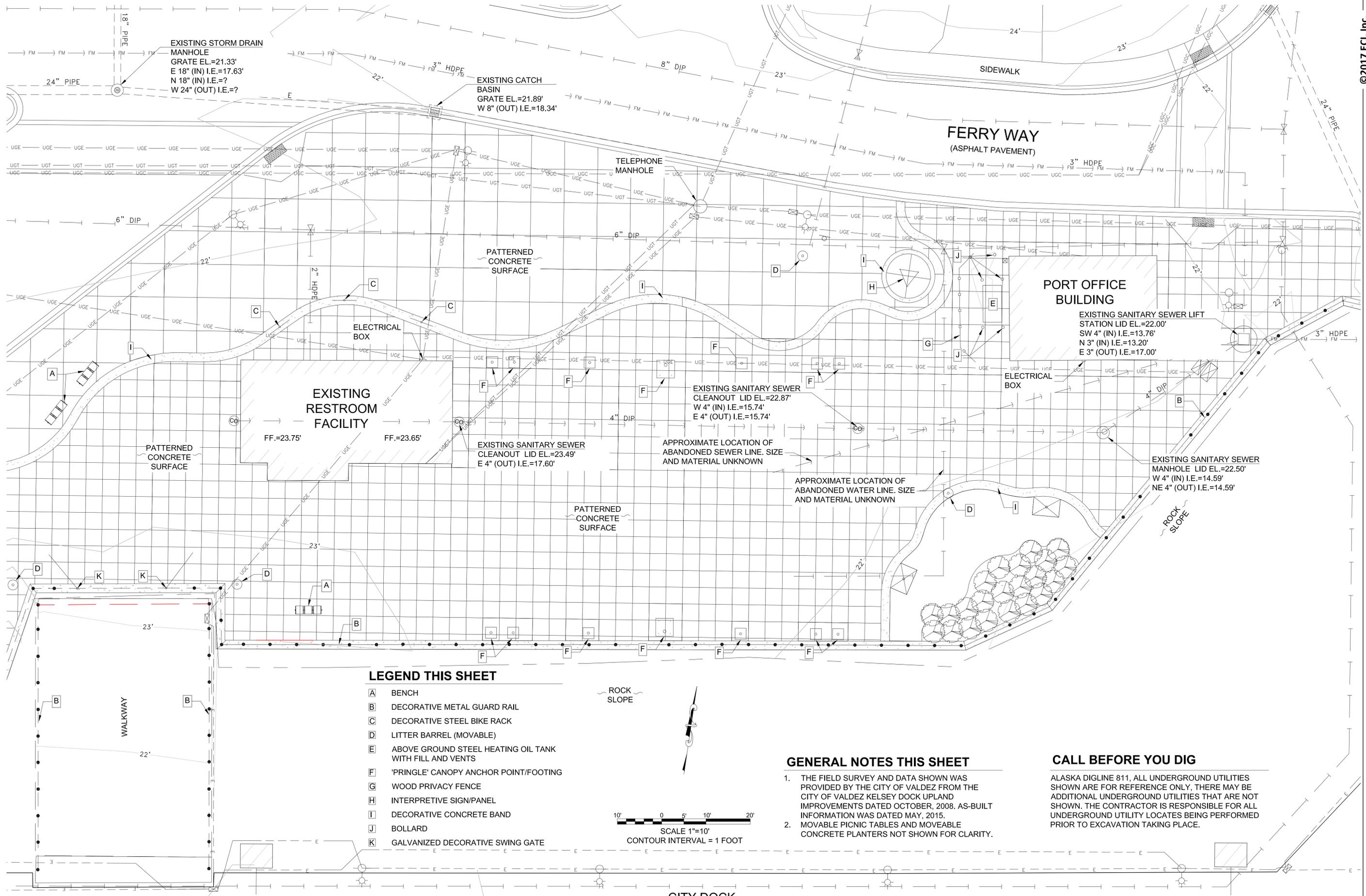
CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

CONSTRUCTION DOCUMENTS



BUILDING GRID LAYOUT PLAN

AUTHOR: ECR CHECKED: JMP
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO: -



EXISTING STORM DRAIN
MANHOLE
GRATE EL.=21.33'
E 18" (IN) I.E.=17.63'
N 18" (IN) I.E.=?
W 24" (OUT) I.E.=?

EXISTING CATCH
BASIN
GRATE EL.=21.89'
W 8" (OUT) I.E.=18.34'

TELEPHONE
MANHOLE

FERRY WAY
(ASPHALT PAVEMENT)

PORT OFFICE
BUILDING

EXISTING SANITARY SEWER LIFT
STATION LID EL.=22.00'
SW 4" (IN) I.E.=13.76'
N 3" (IN) I.E.=13.20'
E 3" (OUT) I.E.=17.00'

EXISTING
RESTROOM
FACILITY

EXISTING SANITARY SEWER
CLEANOUT LID EL.=22.87'
W 4" (IN) I.E.=15.74'
E 4" (OUT) I.E.=15.74'

EXISTING SANITARY SEWER
CLEANOUT LID EL.=23.49'
E 4" (OUT) I.E.=17.60'

APPROXIMATE LOCATION OF
ABANDONED SEWER LINE. SIZE
AND MATERIAL UNKNOWN

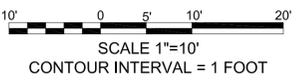
APPROXIMATE LOCATION OF
ABANDONED WATER LINE. SIZE
AND MATERIAL UNKNOWN

EXISTING SANITARY SEWER
MANHOLE LID EL.=22.50'
W 4" (IN) I.E.=14.59'
NE 4" (OUT) I.E.=14.59'

LEGEND THIS SHEET

- A BENCH
- B DECORATIVE METAL GUARD RAIL
- C DECORATIVE STEEL BIKE RACK
- D LITTER BARREL (MOVABLE)
- E ABOVE GROUND STEEL HEATING OIL TANK WITH FILL AND VENTS
- F 'PRINGLE' CANOPY ANCHOR POINT/FOOTING
- G WOOD PRIVACY FENCE
- H INTERPRETIVE SIGN/PANEL
- I DECORATIVE CONCRETE BAND
- J BOLLARD
- K GALVANIZED DECORATIVE SWING GATE

ROCK SLOPE



GENERAL NOTES THIS SHEET

1. THE FIELD SURVEY AND DATA SHOWN WAS PROVIDED BY THE CITY OF VALDEZ FROM THE CITY OF VALDEZ KELSEY DOCK UPLAND IMPROVEMENTS DATED OCTOBER, 2008. AS-BUILT INFORMATION WAS DATED MAY, 2015.
2. MOVABLE PICNIC TABLES AND MOVEABLE CONCRETE PLANTERS NOT SHOWN FOR CLARITY.

CALL BEFORE YOU DIG

ALASKA DIGLINE 811. ALL UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES BEING PERFORMED PRIOR TO EXCAVATION TAKING PLACE.

©2017 ECI, Inc.
PDC ENGINEERS INC.
4905 GLACIER HIGHWAY JUNEAU ALASKA 99801
907.780.6060
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO.17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
CONSTRUCTION DOCUMENTS



EXISTING TOPOGRAPHIC CONDITIONS
AUTHOR: ECR
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO: -
CHECKED: JMP

C1.0
FULL SIZE PRINTED ON 22 x 34

GENERAL NOTES THIS SHEET

1. THE FIELD SURVEY AND DATA SHOWN WAS PROVIDED BY THE CITY OF VALDEZ FROM THE CITY OF VALDEZ KELSEY DOCK UPLAND IMPROVEMENTS DATED OCTOBER, 2008. AS-BUILT INFORMATION WAS DATED MAY, 2015.
2. MOVABLE PICNIC TABLES AND CONCRETE PLANTERS NOT SHOWN FOR CLARITY.

CALL BEFORE YOU DIG

ALASKA DIGLINE 811, ALL UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES BEING PERFORMED PRIOR TO EXCAVATION TAKING PLACE.

SAWCUT POINT SUMMARY

POINT	NORTHING	EASTING	REMARKS
01	2,603,284.99	436,234.11	M.T.E.
02	2,603,281.27	436,234.62	M.T.E.
03	2,603,279.11	436,218.66	M.T.E.
04	2,603,283.03	436,221.04	M.T.E.

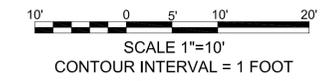
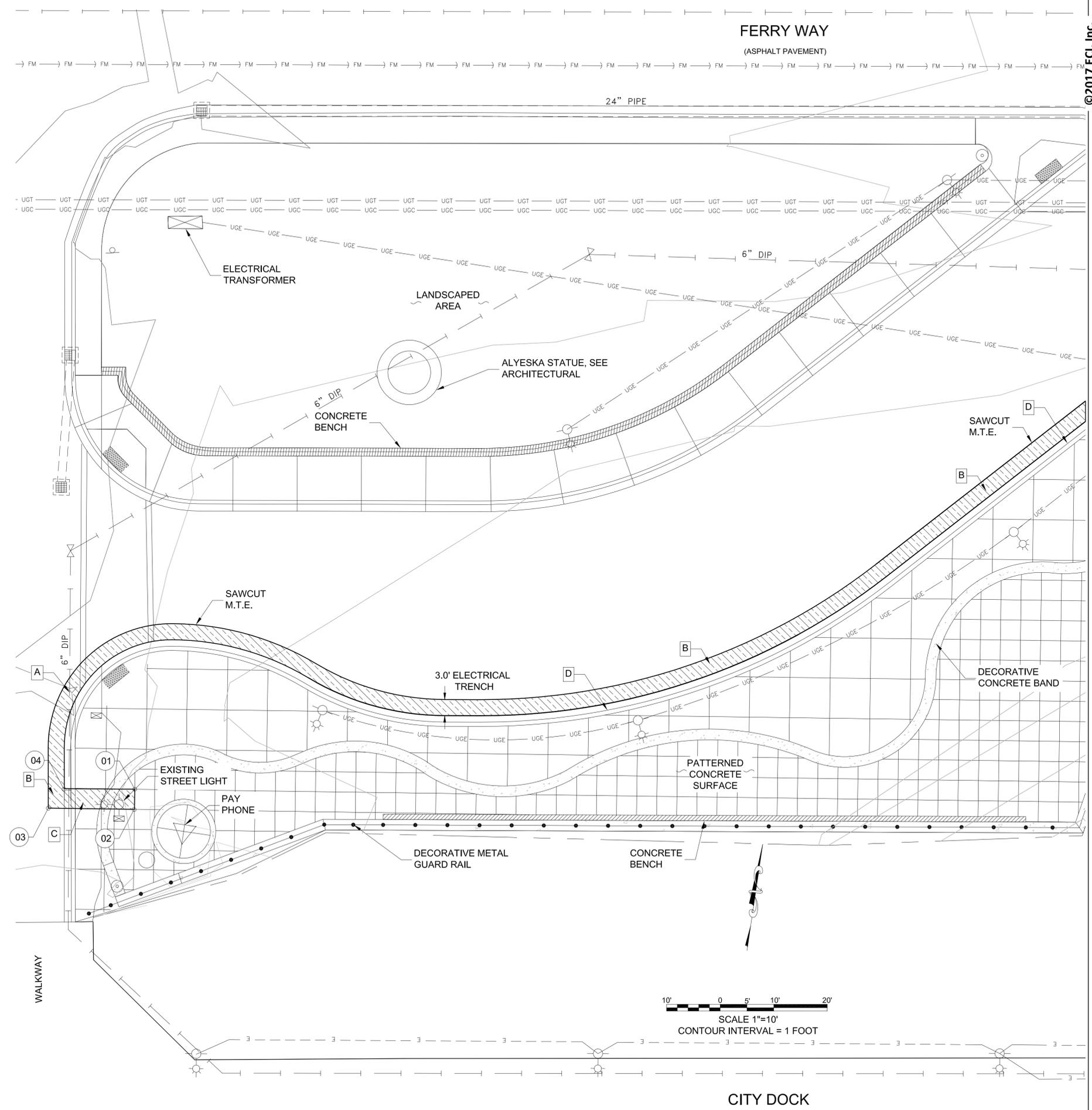
SHEET DEMOLITION NOTES:

1. ALL ITEMS DESIGNATED FOR REMOVAL SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE.
2. PROTECT & MAINTAIN ALL ITEMS NOT DESIGNATED FOR REMOVAL.
3. ALL CONCRETE SAWCUT LINES TO BE MADE AT NEAREST CONTROL JOINT TO MINIMIZE THE APPEARANCE OF NEW WORK.

- [A] PROTECT AND MAINTAIN EXISTING WATER LINE.
- [B] REMOVE EXISTING ASPHALT PAVEMENT. SAWCUT TO FOLLOW ALIGNMENT OF EXISTING ROLL CURB AND GUTTER TO THE GREATEST EXTENT POSSIBLE.
- [C] REMOVE EXISTING CONCRETE ROLL CURB AND GUTTER AND PLAZA CONCRETE SLAB 6" THICK.
- [D] PROTECT AND MAINTAIN EXISTING ROLL CURB AND GUTTER.

DEMOLITION LEGEND

[Hatched Box] BASE BID DEMO LIMITS



CITY DOCK

© 2017 ECI, Inc.

PDC ENGINEERS INC.
4905 GLACIER HIGHWAY JUNEAU ALASKA 99801
907.780.6060

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

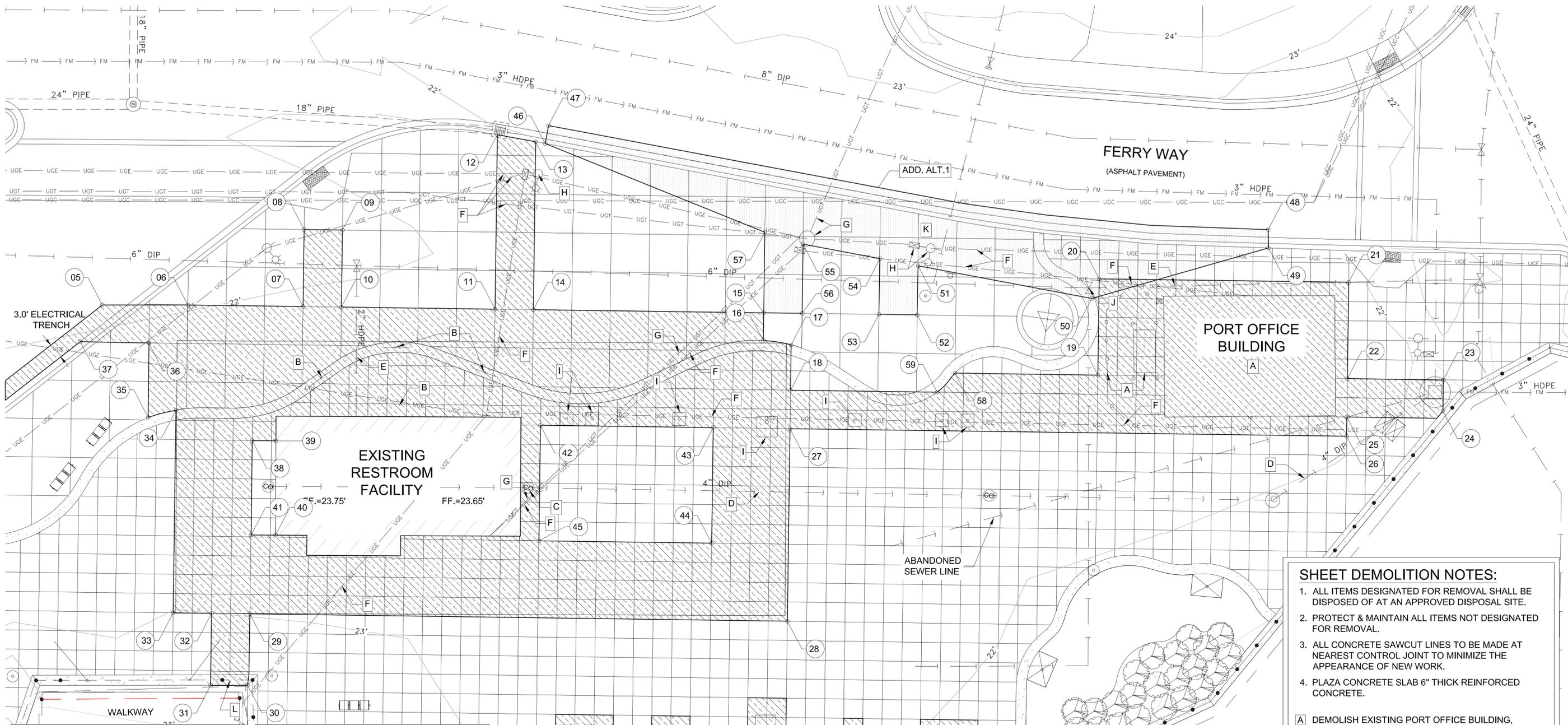
CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



SITE DEMOLITION PLAN
AUTHOR: ECR CHECKED: JMP
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO: -

C2.0

FULL SIZE PRINTED ON 22 x 34



SAWCUT POINT SUMMARY

POINT	NORTHING	EASTING	REMARKS
05	2,603,400.12	436,415.67	
06	2,603,402.58	436,432.20	SEE NOTE 3
07	2,603,405.60	436,454.50	SEE NOTE 3
08	2,603,452.50	436,452.50	SEE NOTE 3
09	2,603,421.46	436,459.92	SEE NOTE 3
10	2,603,406.60	436,461.94	SEE NOTE 3
11	2,603,410.62	436,491.68	SEE NOTE 3
12	2,603,444.29	436,487.11	SEE NOTE 3
13	2,603,444.05	436,494.71	SEE NOTE 3
14	2,603,411.61	436,499.10	SEE NOTE 3
15	2,603,417.65	436,543.69	SEE NOTE 3
16	2,603,412.31	436,544.41	SEE NOTE 3
17	2,603,412.26	436,549.90	SEE NOTE 3
18	2,603,403.52	436,551.09	SEE NOTE 3
19	2,603,411.57	436,610.55	SEE NOTE 3
20	2,603,433.86	436,607.53	SEE NOTE 3
21	2,603,440.39	436,655.84	SEE NOTE 3
22	2,603,421.80	436,658.36	SEE NOTE 3
23	2,603,424.32	436,676.93	SEE NOTE 3
24	2,603,420.61	436,677.44	SEE NOTE 3
25	2,603,418.09	436,658.86	SEE NOTE 3
26	2,603,410.66	436,659.86	SEE NOTE 3
27	2,603,396.08	436,552.10	SEE NOTE 3
28	2,603,358.93	436,557.12	SEE NOTE 3
29	2,603,344.86	436,453.06	SEE NOTE 3
30	2,603,331.05	436,454.66	SEE NOTE 3
31	2,603,329.95	436,447.52	SEE NOTE 3
32	2,603,343.86	436,445.63	SEE NOTE 3

SAWCUT POINT SUMMARY

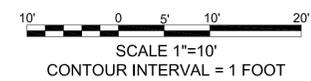
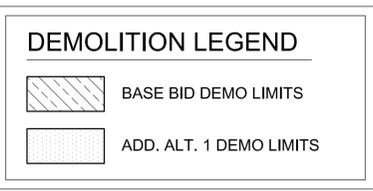
POINT	NORTHING	EASTING	REMARKS
33	2,603,342.85	436,438.20	SEE NOTE 3
34	2,603,381.95	436,432.92	SEE NOTE 3
35	2,603,379.75	436,427.72	SEE NOTE 3
36	2,603,394.14	436,425.78	SEE NOTE 3
37	2,603,392.41	436,412.47	
38	2,603,378.31	436,448.54	SEE NOTE 3
39	2,603,378.93	436,453.13	SEE NOTE 3
40	2,603,360.77	436,455.76	SEE NOTE 3
41	2,603,360.08	436,451.01	SEE NOTE 3
42	2,603,389.56	436,503.78	SEE NOTE 3
43	2,603,394.08	436,537.23	SEE NOTE 3
44	2,603,371.79	436,540.24	SEE NOTE 3
45	2,603,367.26	436,506.80	SEE NOTE 3
46	2,603,443.97	436,496.61	
47	2,603,447.53	436,496.75	
48	2,603,448.22	436,638.78	
49	2,603,444.69	436,639.35	
50	2,603,429.85	436,606.64	
51	2,603,431.16	436,572.13	SEE NOTE 3
52	2,603,421.67	436,573.42	SEE NOTE 3
53	2,603,420.67	436,565.99	SEE NOTE 3
54	2,603,431.43	436,564.53	SEE NOTE 3
55	2,603,432.01	436,549.32	SEE NOTE 3
56	2,603,418.66	436,551.12	SEE NOTE 3
57	2,603,433.20	436,541.59	SEE NOTE 3
58	2,603,411.55	436,582.37	SEE NOTE 3
59	2,603,407.37	436,579.49	SEE NOTE 3

GENERAL NOTES THIS SHEET

1. THE FIELD SURVEY AND DATA SHOWN WAS PROVIDED BY THE CITY OF VALDEZ FROM THE CITY OF VALDEZ KELSEY DOCK UPLAND IMPROVEMENTS DATED OCTOBER, 2008. AS-BUILT INFORMATION WAS DATED MAY, 2015.
2. MOVABLE PICNIC TABLES AND CONCRETE PLANTERS NOT SHOWN FOR CLARITY.

CALL BEFORE YOU DIG

ALASKA DIGLINE 811, ALL UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES BEING PERFORMED PRIOR TO EXCAVATION TAKING PLACE.



- SHEET DEMOLITION NOTES:**
1. ALL ITEMS DESIGNATED FOR REMOVAL SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE.
 2. PROTECT & MAINTAIN ALL ITEMS NOT DESIGNATED FOR REMOVAL.
 3. ALL CONCRETE SAWCUT LINES TO BE MADE AT NEAREST CONTROL JOINT TO MINIMIZE THE APPEARANCE OF NEW WORK.
 4. PLAZA CONCRETE SLAB 6" THICK REINFORCED CONCRETE.
- [A] DEMOLISH EXISTING PORT OFFICE BUILDING, EXISTING WOOD PRIVACY FENCING, BOLLARDS, ABOVE GROUND FUEL TANK, PIPING, VENTS AND DISCONNECT AND CAP ALL UNDERGROUND UTILITIES.
 - [B] REMOVE, SLAVAGE & RESET EXISTING SITE FURNISHING. COORDINATE WITH OWNER & ARCHITECT FOR NEW LOCATION.
 - [C] PROTECT AND MAINTAIN SANITARY SEWER CLEAN OUT AND ADJUST TO FINAL GRADE.
 - [D] PROTECT AND MAINTAIN EXISTING SANITARY SEWER LINE.
 - [E] PROTECT AND MAINTAIN EXISTING WATER LINE.
 - [F] PROTECT AND MAINTAIN EXISTING UNDERGROUND ELECTRICAL LINE.
 - [G] PROTECT AND MAINTAIN OR RELOCATE EXISTING UNDERGROUND TELEPHONE, SEE ELECTRICAL.
 - [H] PROTECT AND MAINTAIN OR RELOCATE EXISTING LIGHT POLE AND JBOX, SEE ELECTRICAL.
 - [I] DEMO EXISTING CANOPY ANCHOR POINTS/FOOTINGS
 - [J] REMOVE WATER VALVE BOX AND BURY ABANDONED WATER VALVE.
 - [K] REMOVE EXISTING ASPHALT PAVEMENT, CURB/GUTTER & CONCRETE PLAZA TO INSTALL NEW BUS PULL-OUT. ADD. ALT. 1
 - [L] PROTECT AND MAINTAIN EXISTING DECORATIVE METAL GATE.

©2017 ECI, Inc.
PDC ENGINEERS INC.
 4905 GLACIER HIGHWAY JUNEAU ALASKA 99801
 907.780.6060
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO.17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



SITE DEMOLITION PLAN
 AUTHOR: ECR
 REVISION:
 CHECKED: JMP
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.: -

GENERAL NOTES THIS SHEET

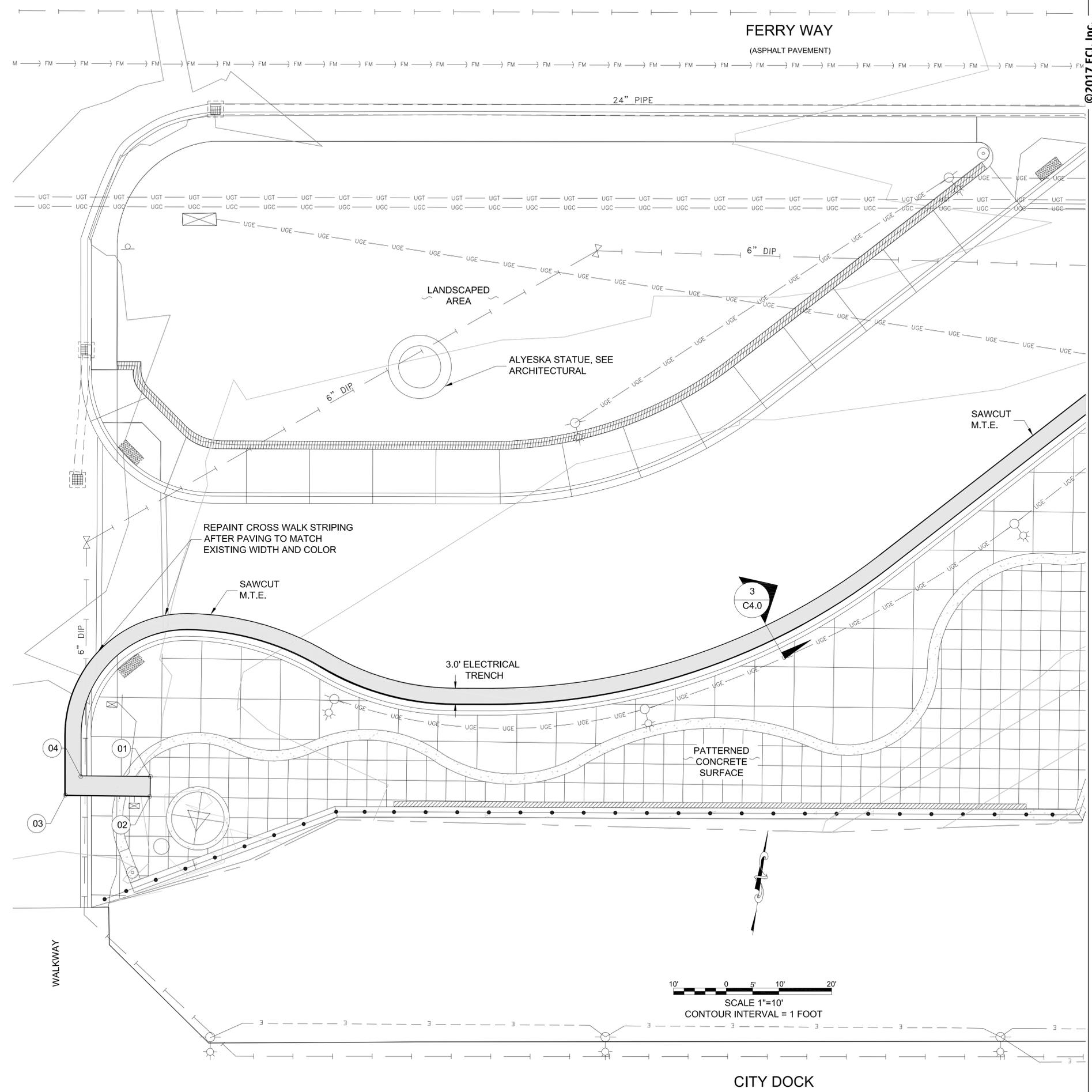
1. THE FIELD SURVEY AND DATA SHOWN WAS PROVIDED BY THE CITY OF VALDEZ FROM THE CITY OF VALDEZ KELSEY DOCK UPLAND IMPROVEMENTS DATED OCTOBER, 2008. AS-BUILT INFORMATION WAS DATED MAY, 2015.
2. MOVABLE PICNIC TABLES AND CONCRETE PLANTERS NOT SHOWN FOR CLARITY.
3. CONTRACTOR TO COORDINATE WITH STRUCTURAL, ELECTRICAL, MECHANICAL AND ARCHITECTURAL DRAWINGS

CALL BEFORE YOU DIG

ALASKA DIGLINE 811, ALL UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES BEING PERFORMED PRIOR TO EXCAVATION TAKING PLACE.

GRADE POINT SUMMARY

POINT	NORTHING	EASTING	REMARKS
01	2,603,284.99	436,234.11	M.T.E.
02	2,603,281.27	436,234.62	M.T.E.
03	2,603,279.11	436,218.66	M.T.E.
04	2,603,283.03	436,221.04	M.T.E.



© 2017 ECI, Inc.

PDC ENGINEERS INC.
4305 GLACIER HIGHWAY JUNEAU ALASKA 99801
907.780.6060

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO.17-0009

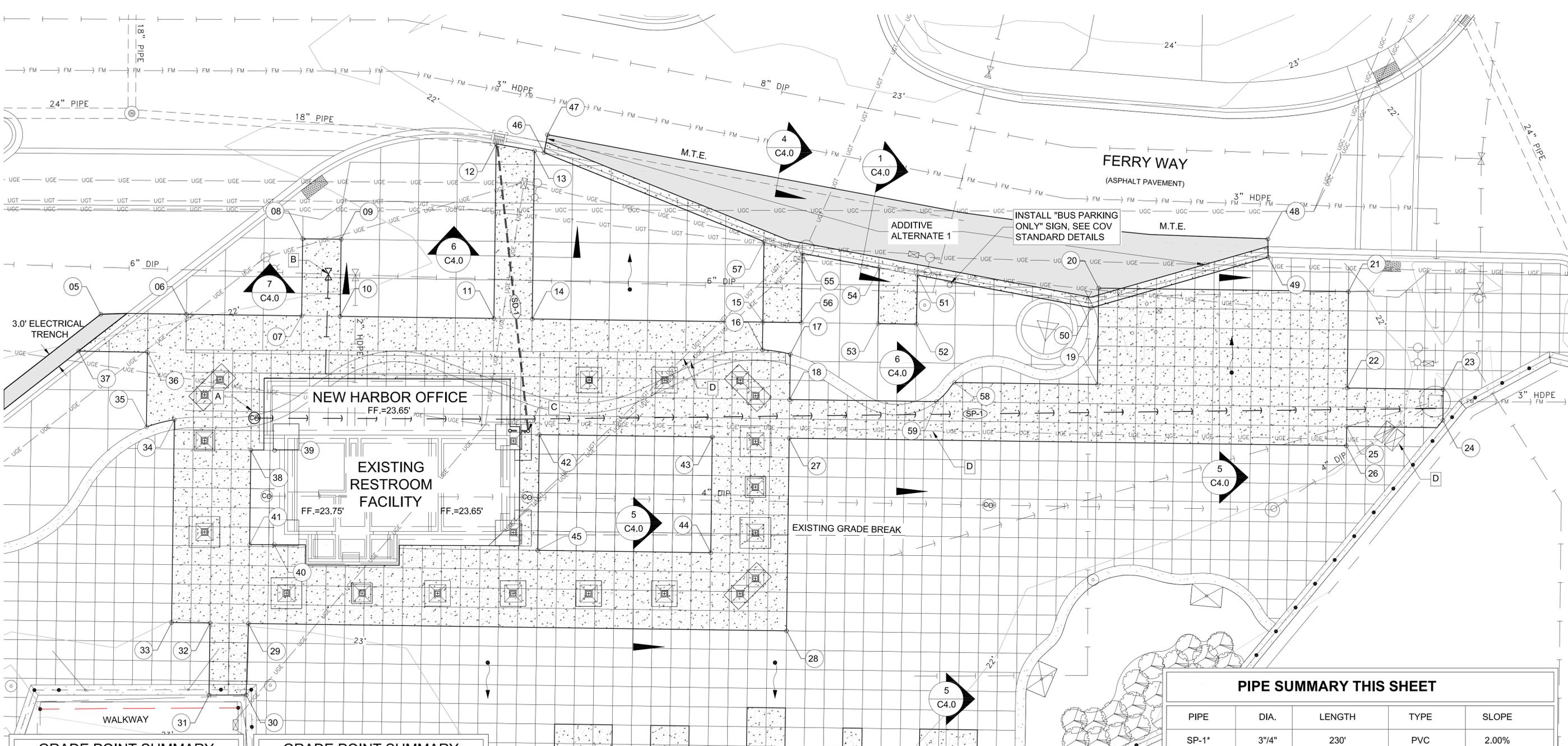
CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



UTILITY SITE PLAN
AUTHOR: ECR CHECKED: JMP
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -

C3.0

FULL SIZE PRINTED ON 22 x 34



GRADE POINT SUMMARY			
POINT	NORTHING	EASTING	REMARKS
05	2,603,400.12	436,415.67	M.T.E.
06	2,603,402.58	436,432.20	M.T.E.
07	2,603,405.60	436,454.50	M.T.E.
08	2,603,452.50	436,452.50	M.T.E.
09	2,603,421.46	436,459.92	M.T.E.
10	2,603,406.60	436,461.94	M.T.E.
11	2,603,410.62	436,491.68	M.T.E.
12	2,603,444.29	436,487.11	M.T.E.
13	2,603,444.05	436,494.71	M.T.E.
14	2,603,411.61	436,499.10	M.T.E.
15	2,603,417.65	436,543.69	M.T.E.
16	2,603,412.31	436,544.41	M.T.E.
17	2,603,412.26	436,549.90	M.T.E.
18	2,603,403.52	436,551.09	M.T.E.
19	2,603,411.57	436,610.55	M.T.E.
20	2,603,433.86	436,607.53	M.T.E.
21	2,603,440.39	436,655.84	M.T.E.
22	2,603,421.80	436,658.36	M.T.E.
23	2,603,424.32	436,676.93	M.T.E.
24	2,603,420.61	436,677.44	M.T.E.
25	2,603,418.09	436,658.86	M.T.E.
26	2,603,410.66	436,659.86	M.T.E.
27	2,603,396.08	436,552.10	M.T.E.
28	2,603,358.93	436,557.12	M.T.E.
29	2,603,344.86	436,453.06	M.T.E.
30	2,603,331.05	436,454.66	M.T.E.
31	2,603,329.95	436,447.52	M.T.E.
32	2,603,343.86	436,445.63	M.T.E.

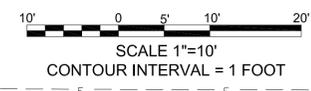
GRADE POINT SUMMARY			
POINT	NORTHING	EASTING	REMARKS
33	2,603,342.85	436,438.20	M.T.E.
34	2,603,381.95	436,432.92	M.T.E.
35	2,603,379.75	436,427.72	M.T.E.
36	2,603,394.14	436,425.78	M.T.E.
37	2,603,392.41	436,412.47	M.T.E.
38	2,603,378.31	436,448.54	M.T.E.
39	2,603,378.93	436,453.13	M.T.E.
40	2,603,360.77	436,455.76	M.T.E.
41	2,603,360.08	436,451.01	M.T.E.
42	2,603,389.56	436,503.78	M.T.E.
43	2,603,394.08	436,537.23	M.T.E.
44	2,603,371.79	436,540.24	M.T.E.
45	2,603,367.26	436,506.80	M.T.E.
46	2,603,443.97	436,496.61	M.T.E.
47	2,603,447.53	436,496.75	M.T.E.
48	2,603,448.22	436,638.78	M.T.E.
49	2,603,444.69	436,639.35	M.T.E.
50	2,603,429.85	436,606.64	M.T.E.
51	2,603,431.16	436,572.13	M.T.E.
52	2,603,421.67	436,573.42	M.T.E.
53	2,603,420.67	436,565.99	M.T.E.
54	2,603,431.43	436,564.53	M.T.E.
55	2,603,432.01	436,549.32	M.T.E.
56	2,603,418.66	436,551.12	M.T.E.
57	2,603,433.20	436,541.59	M.T.E.
58	2,603,411.55	436,582.37	M.T.E.
59	2,603,407.37	436,579.49	M.T.E.

GENERAL NOTES THIS SHEET

1. THE FIELD SURVEY AND DATA SHOWN WAS PROVIDED BY THE CITY OF VALDEZ FROM THE CITY OF VALDEZ KELSEY DOCK UPLAND IMPROVEMENTS DATED OCTOBER, 2008. AS-BUILT INFORMATION WAS DATED MAY, 2015.
2. MOVABLE PICNIC TABLES AND CONCRETE PLANTERS NOT SHOWN FOR CLARITY.
3. CONTRACTOR TO COORDINATE WITH STRUCTURAL, ELECTRICAL, MECHANICAL AND ARCHITECTURAL DRAWINGS

CALL BEFORE YOU DIG

ALASKA DIGLINE 811, ALL UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT ARE NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL UNDERGROUND UTILITY LOCATES BEING PERFORMED PRIOR TO EXCAVATION TAKING PLACE.



PIPE SUMMARY THIS SHEET				
PIPE	DIA.	LENGTH	TYPE	SLOPE
SP-1*	3"/4"	230'	PVC	2.00%
SD-1**	4"	55'	PVC	2.00%

NOTE: PIPE LENGTHS AND SLOPES ARE MEASURED AND CALCULATED FROM CENTER TO CENTER OF STRUCTURES, UNLESS NOTED OTHERWISE.
 * SEE SHEET C5.0 FOR LIFT STATION CONNECTION DETAILS.
 **CONNECT SD-1 TO EXISTING STORM DRAIN CATCH BASIN.

SHEET NOTES:

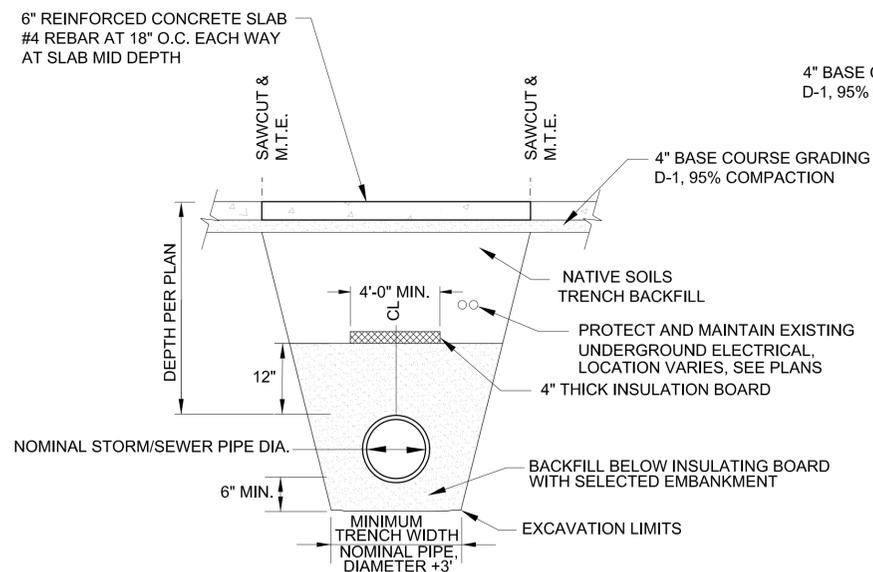
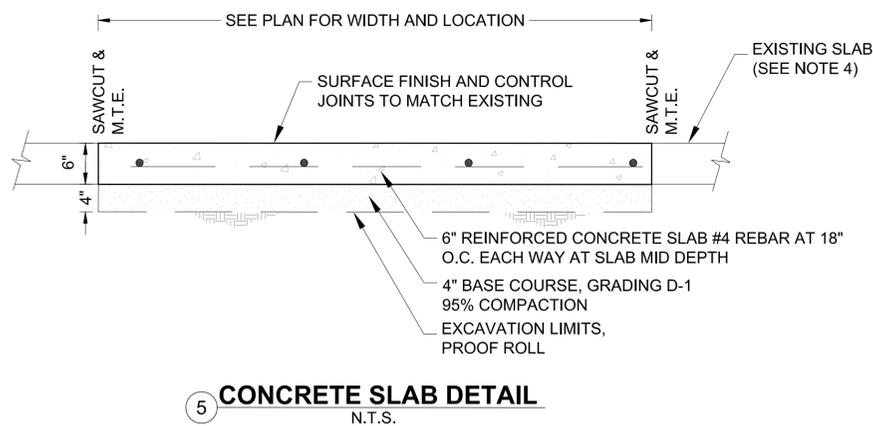
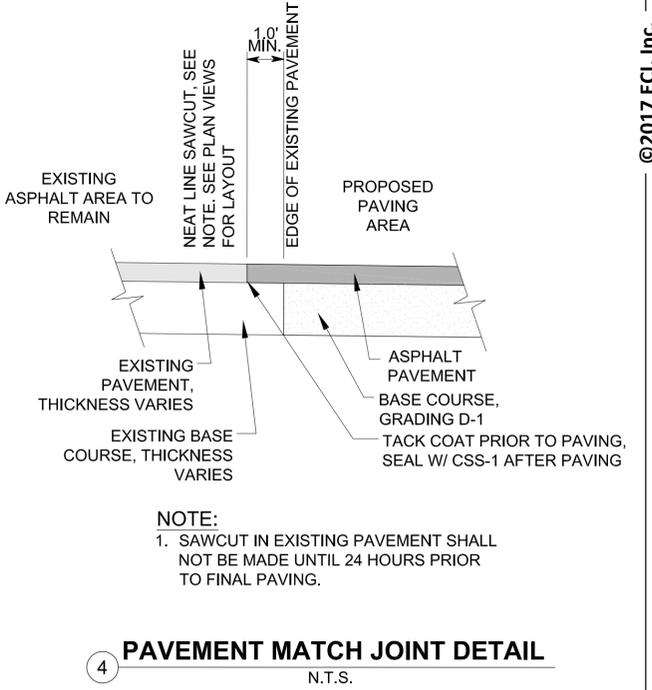
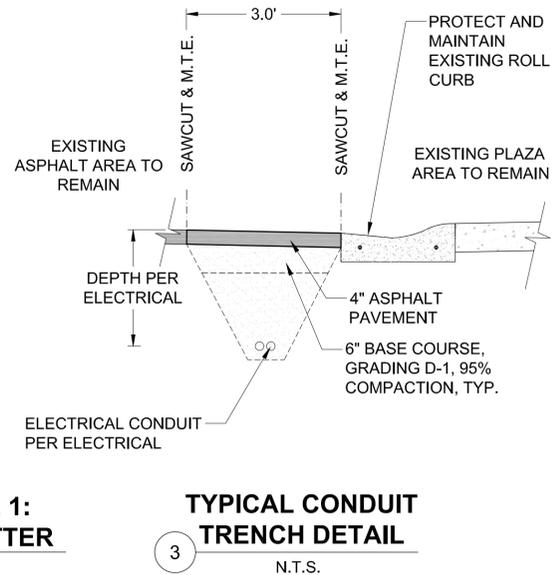
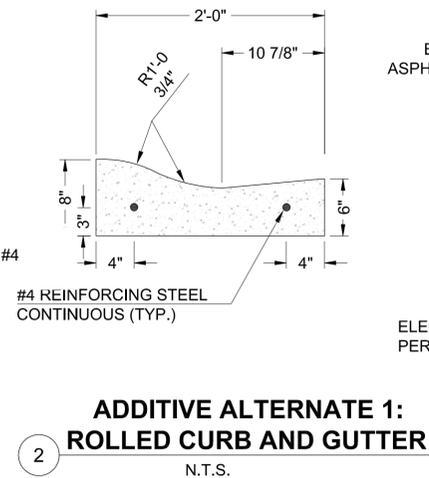
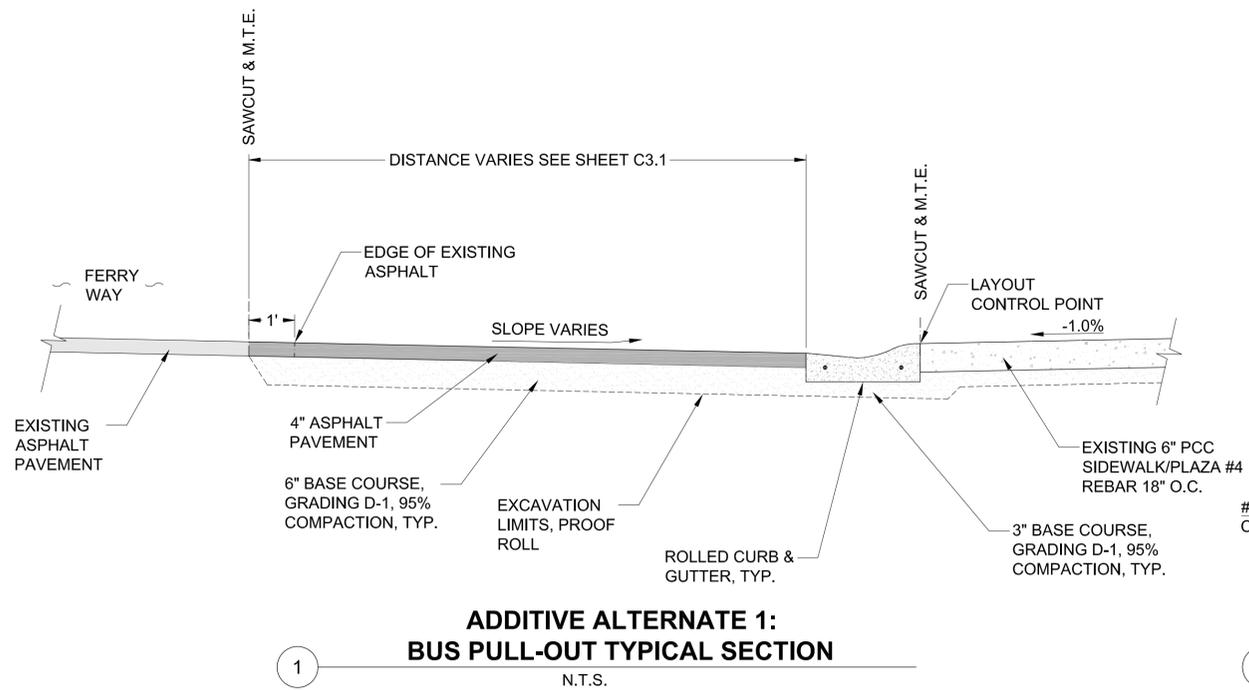
- A N=2,603,384.57 E=436,448.31, INSTALL 3" PVC SANITARY SEWER CLEANOUT WITH BRASS FRAME AND LID, LID ELEVATION TO BE SET 3/8" BELOW CONCRETE SURFACE.
- B N=2,603,414.39 E=436,458.46, FIELD LOCATE EXISTING 6" DIP WATER LINE, INSTALL NEW 2" SERVICE VALVE SADDLE TEE AND BEGIN NEW 2" HDPE WATER LINE SERVICE. SEE MECHANICAL.
- C N=2,603,389.94 E=436,501.53, INSTALL 4" PVC STORM DRAIN CLEANOUT WITH BRASS CAP CONNECT SD-1 TO EXISTING CATCH BASIN, SD-1 IE = 18.44'. FIELD VERIFY ELEVATION PRIOR TO CONSTRUCTION.
- D PROTECT AND MAINTAIN.

©2017 ECI, Inc.
PDC ENGINEERS INC.
 4905 GLACIER HIGHWAY JUNEAU ALASKA 99801
 907.780.6060
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO.17-0009

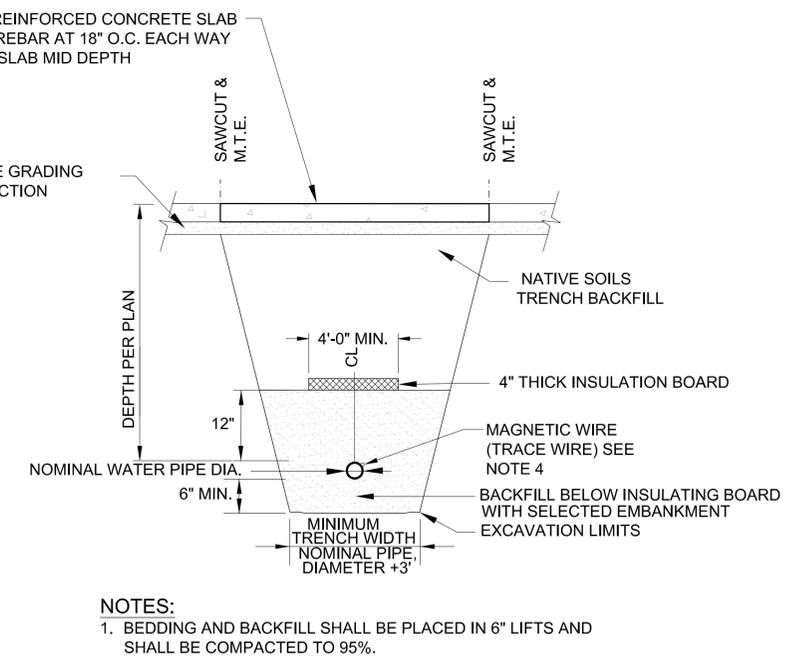
CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



UTILITY SITE PLAN
 AUTHOR: ECR
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO: -
 CHECKED: JMP



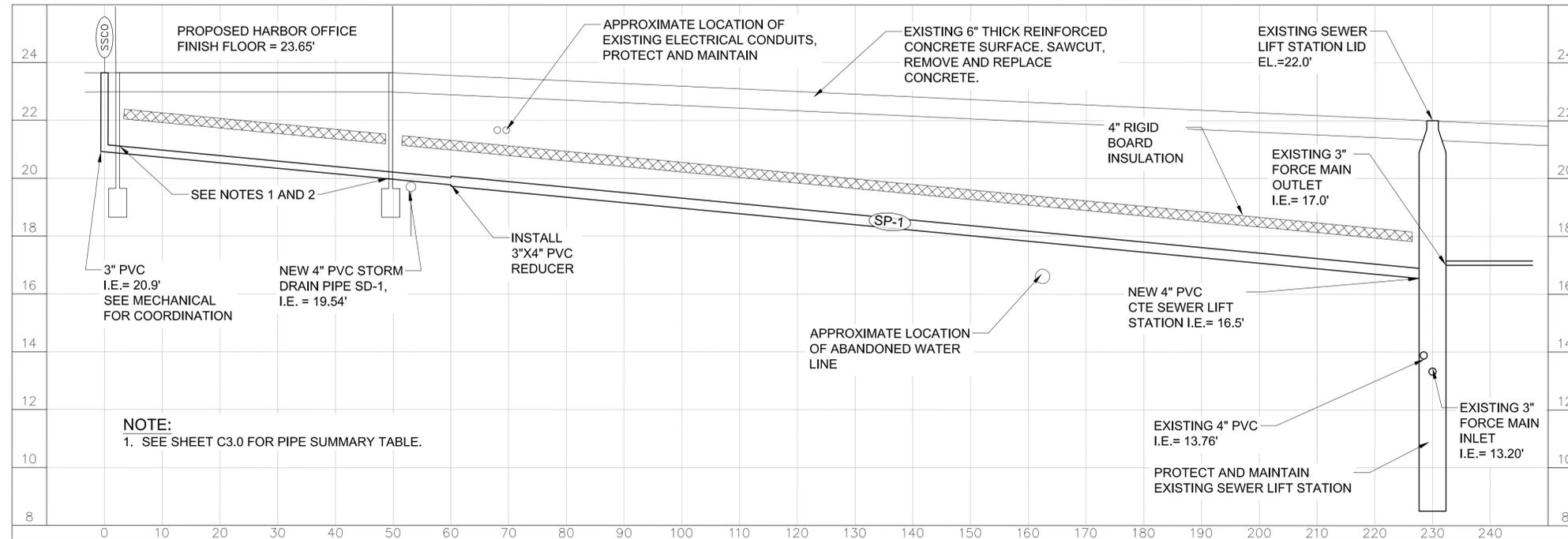
- NOTES:**
- BEDDING AND BACKFILL SHALL BE PLACED IN 6" LIFTS AND SHALL BE COMPACTED TO 95%.
 - PIPE BACKFILL SHALL BE EXISTING NATIVE SOILS MATERIAL UNLESS OTHERWISE NOTED.
 - EXISTING CONCRETE SHALL BE SAWCUT PRIOR TO PAVING AND SUBSEQUENT TO BACKFILLING THE TRENCH. SAWCUT TO A CLEAN, NEAT LINE THAT EXPOSES A MINIMUM OF 12" OF UNDISTURBED BASE MATERIAL. SAWCUT IN EXISTING CONCRETE SHALL BE ALONG EXISTING CONTROL JOINTS. SAWCUT IN EXISTING CONCRETE SHALL NOT BE MADE UNTIL 24 HOURS PRIOR TO FINAL CONCRETE POUR.



- NOTES:**
- BEDDING AND BACKFILL SHALL BE PLACED IN 6" LIFTS AND SHALL BE COMPACTED TO 95%.
 - PIPE BACKFILL SHALL BE EXISTING NATIVE SOILS MATERIAL UNLESS OTHERWISE NOTED.
 - EXISTING CONCRETE SHALL BE SAWCUT PRIOR TO PAVING AND SUBSEQUENT TO BACKFILLING THE TRENCH. SAWCUT TO A CLEAN, NEAT LINE THAT EXPOSES A MINIMUM OF 12" OF UNDISTURBED BASE MATERIAL. SAWCUT IN EXISTING CONCRETE SHALL BE ALONG EXISTING CONTROL JOINTS. SAWCUT IN EXISTING CONCRETE SHALL NOT BE MADE UNTIL 24 HOURS PRIOR TO FINAL PAVING.
 - HDPE PIPING INSTALLATION: MAGNETIC WIRE WILL BE USED AS TRACER WIRE. INSTALL TRACER WIRE PER MANUFACTURER'S RECOMMENDATIONS. TRACER WIRE SHALL BE INSTALLED IN CONTINUOUS LENGTHS WITH NO SPLICES. TERMINATE EACH END OF TRACER WIRE AT GROUND SURFACE AT A VALVE BOX TOP SECTION WITH CAP. PROVIDE A MINIMUM OF FIVE (5) FEET OF ADDITIONAL WIRE NEATLY COILED WITHIN VALVE BOX AT EACH END.

CONCRETE NOTES:

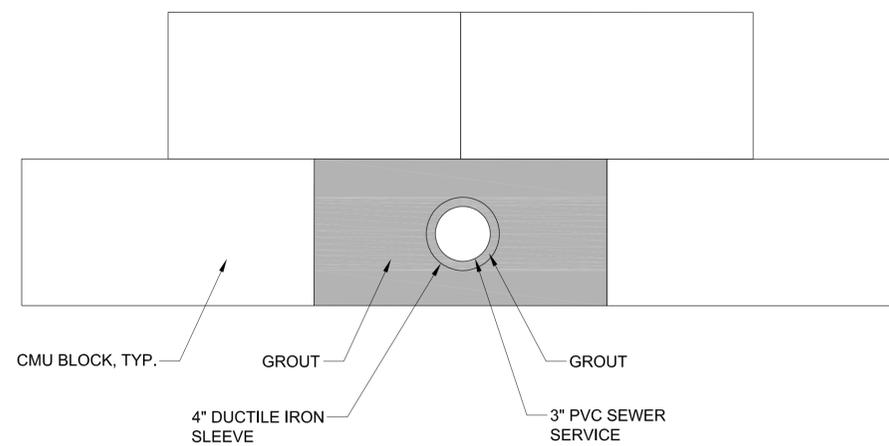
- MINIMUM CONCRETE 28-DAY COMPRESSIVE STRENGTH 3,000 PSI.
- CONCRETE SLAB TO HAVE CONTROL JOINTS CONSTRUCTED TO MATCH EXISTING SPACING AND THICKNESS.
- CONCRETE INTERNATIONAL ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO MANUFACTURERS RECOMMENDATION.
- THICKENED SLAB OCCURS AT COLUMNS, SEE STRUCTURAL.



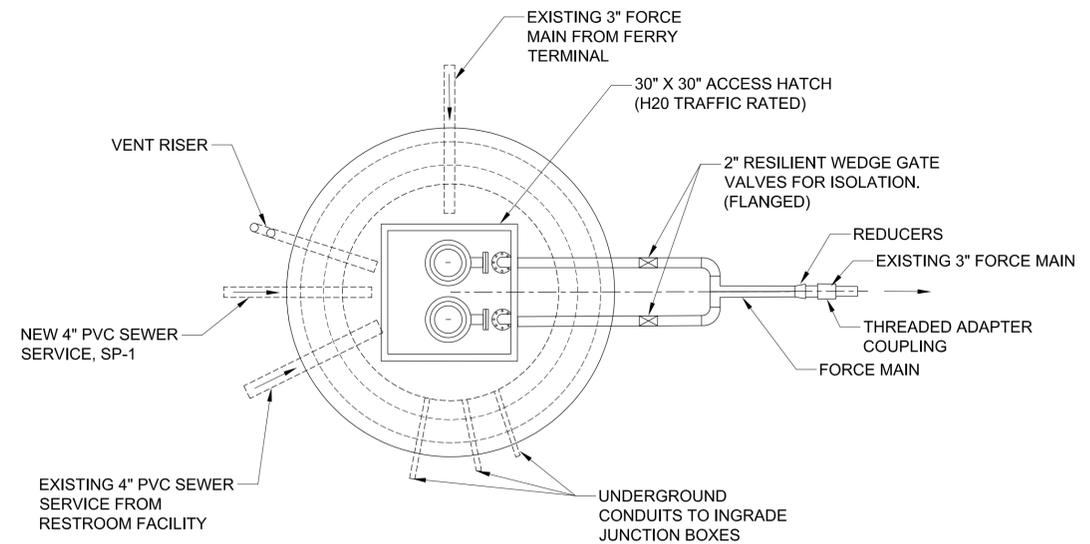
NOTES:

1. INSTALL 4" DUCTILE IRON SLEEVE THROUGH PROPOSED CMU FOUNDATION WALL. INSTALL FULL DEPTH NON-SHRINK GROUT PLUG BETWEEN THE SLEEVE AND 3" PVC SEWER PIPE.
2. SEE STRUCTURAL DRAWINGS FOR FOUNDATION DETAILS.

1 SANITARY SEWER SERVICE PROFILE
N.T.S.



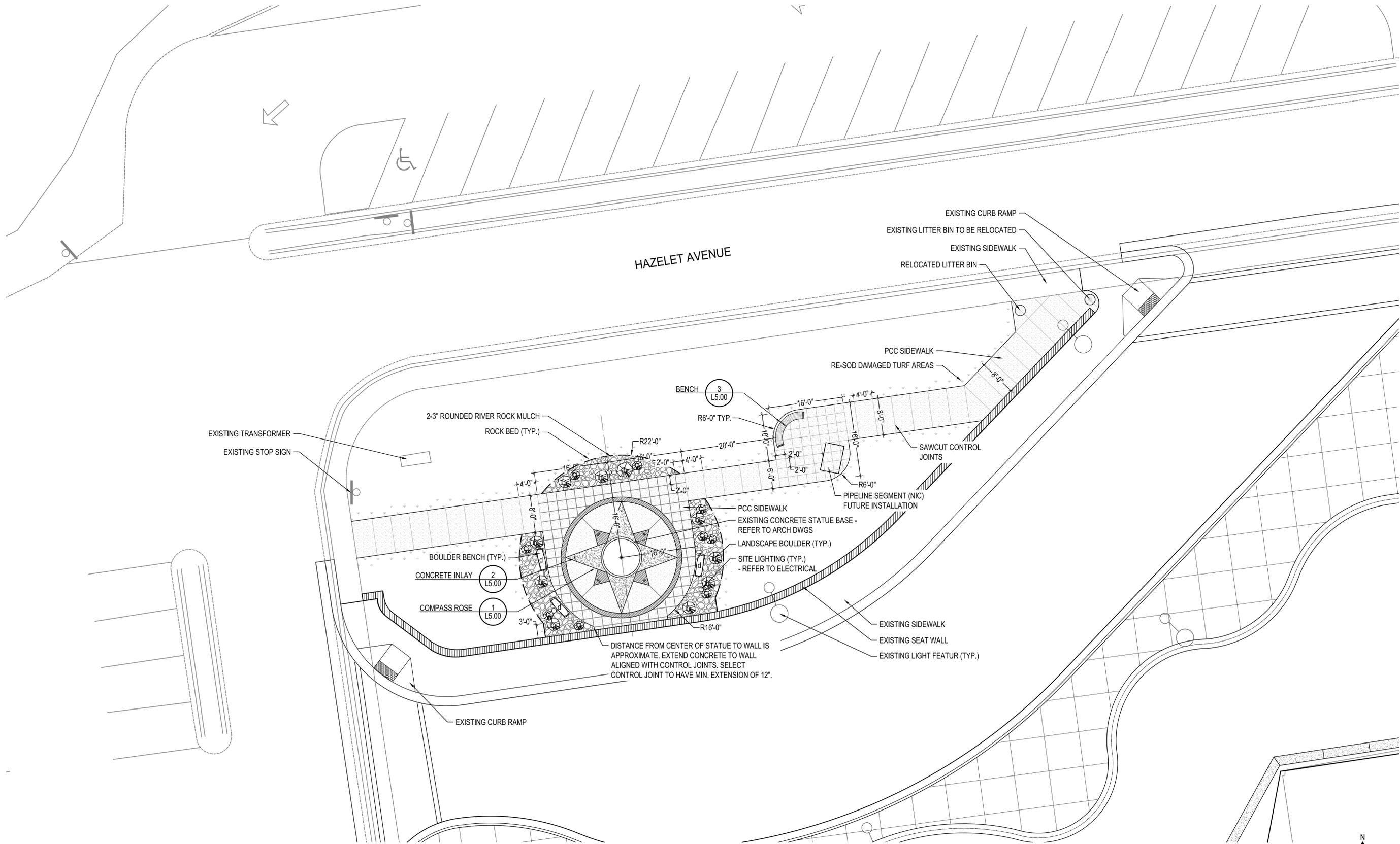
2 PIPE SLEEVE DETAIL
N.T.S.



3 EXISTING SEWER LIFT STATION DETAIL
N.T.S.



SANITARY SEWER PROFILE
 AUTHOR: ECR
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO. -
 CHECKED: JMP

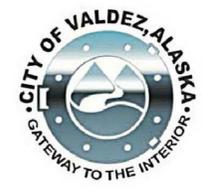


1
L1.00
 SCALE: 1" = 10'-0" @ 22x34



©2018 ECI, Inc.
CORVUS DESIGN
 2506-B FAIRBANKS ST, ANCHORAGE AK
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO.17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



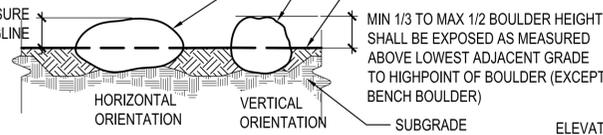
ADD ALT#5: Pipeline Plaza Layout Plan
 AUTHOR:LP
 REVISION:
 ISSUE DATE:03.14.2018
 CHECKED:PB
 OWNER PROJECT NO: -

L1.00
 FULL SIZE PRINTED ON 22 x 34

LANDSCAPE BOULDER SIZING SCHEDULE

BOULDER SYMBOL	CIRCUMFERENCE (± 2 FT.)	HEIGHT (± 0.5 FT.)
	12 Ft.	4'
	9 Ft.	3'
	6 Ft.	2'
	13 Ft. (5' x 5' x 1.5')	2'

PLACE OR FILL TO ENSURE NO GAPS BELOW SPRINGLINE

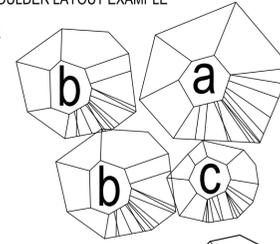


NOTES:

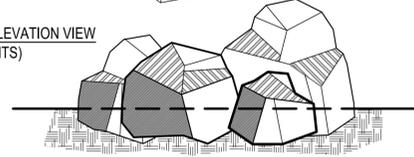
1. LOCATION AND ORIENTATION OF PLACED ROCKS SHALL BE FIELD APPROVED BY OWNER'S REPRESENTATIVE.
2. BOULDERS SHOULD BE NO HIGHER THAN 30" ABOVE ANY ADJACENT GRADE.
3. CIRCUMFERENCE REFERS TO THE LARGEST CIRCUMFERENCE OF THE BOULDER.
4. HEIGHT IS MEASURED PERPENDICULAR TO AXIS USED FOR DETERMINING CIRCUMFERENCE.

TYPICAL BOULDER LAYOUT EXAMPLE

PLAN VIEW (NTS)

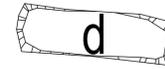


ELEVATION VIEW (NTS)

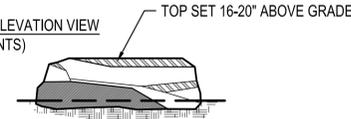


BENCH BOULDER LAYOUT EXAMPLE

PLAN VIEW (NTS)

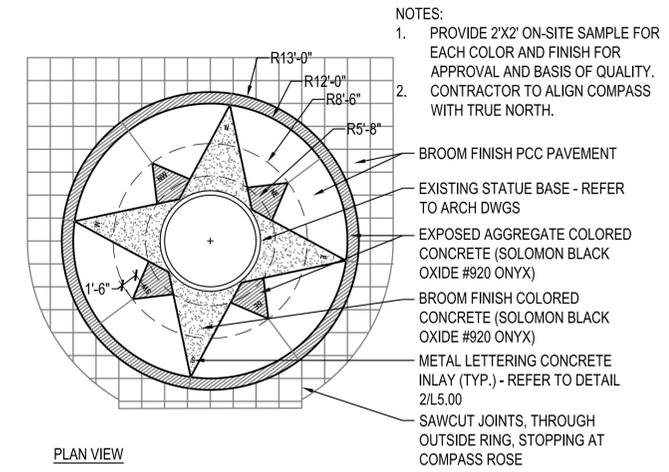


ELEVATION VIEW (NTS)



4 LANDSCAPE BOULDERS

SCALE: 3/4" = 1'-0" @22x34



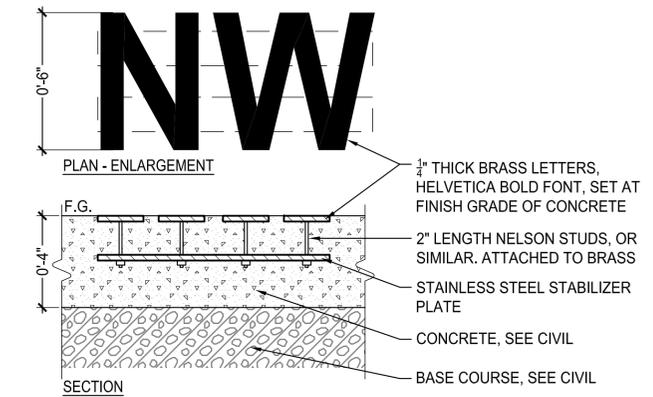
PLAN VIEW

NOTES:

1. PROVIDE 2'X2' ON-SITE SAMPLE FOR EACH COLOR AND FINISH FOR APPROVAL AND BASIS OF QUALITY.
2. CONTRACTOR TO ALIGN COMPASS WITH TRUE NORTH.

1 COMPASS ROSE

SCALE: 1/8" = 1'-0" @22x34



NOTES: MATERIALS AND FABRICATION SHALL PROVIDE A STABLE AND FLAT INSTALLATION WITHIN SITE CAST CONCRETE PAVEMENT. SUBMIT FABRICATION DRAWINGS AND ONE LETTER 'N' FOR APPROVALS.
(8) LETTERS & LETTER PAIRS: N, NE, E, SE, S, SW, W, NW.

2 CONCRETE INLAY

SCALE: 3" = 1'-0" @22x34

BENCH:
SUPPLIER: OGDEN 1900-SCR3 SERIES
MAGLIN (1-800-716-5506)
MATERIALS: IPE WOOD W/ SQUARE ARM (OGM1900-CA1)
DIMENSIONS: INSIDE RADIUS TO BE 4'
INSTALLATION: SURFACE MOUNT SQUARE LEG AS PER MANUFACTURERS SPECIFICATIONS



3 BENCH

SCALE: NTS @22x34

ABBREVIATIONS

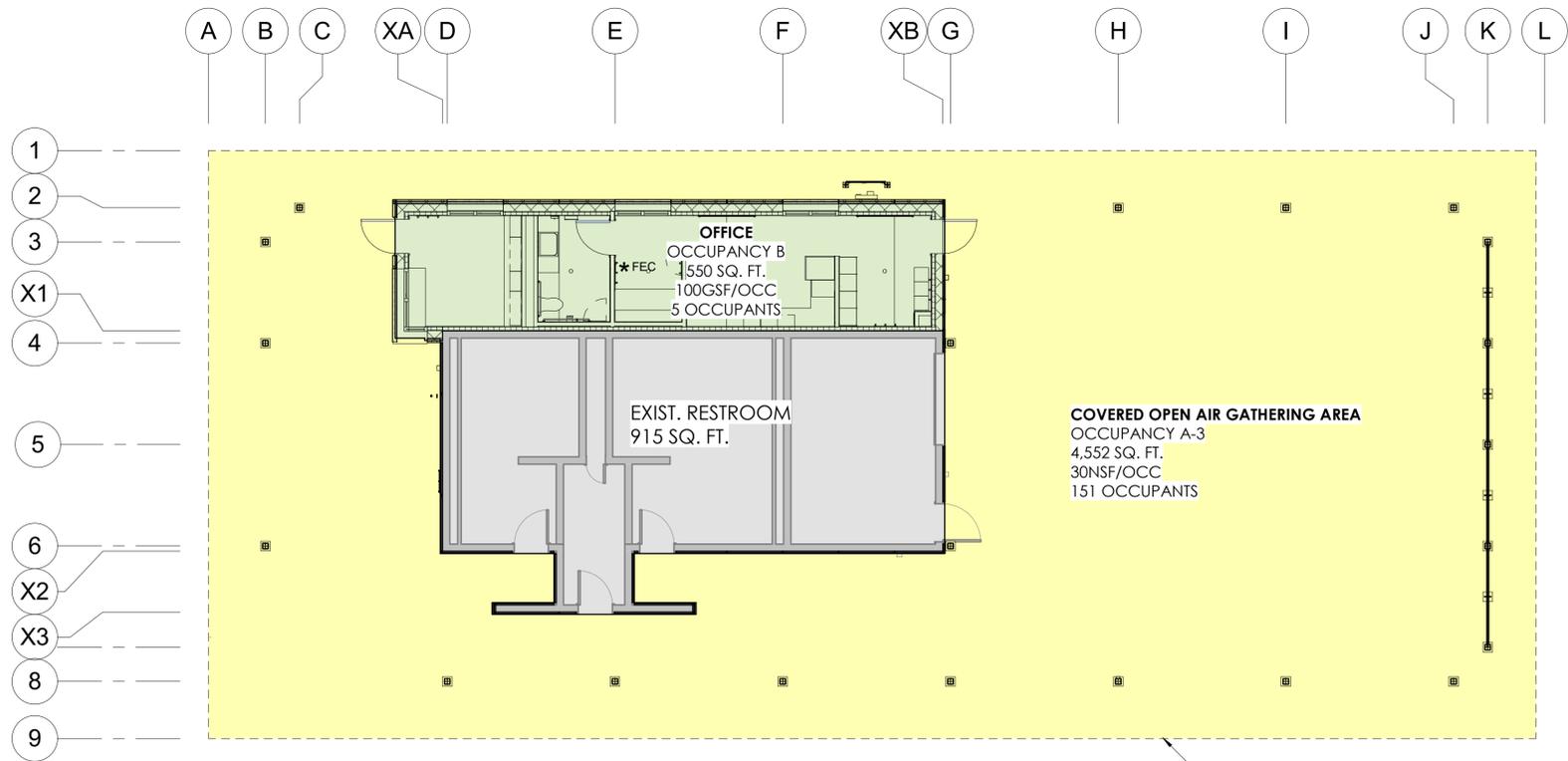
ABV	ABOVE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ARCH	ARCHITECTURAL
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLW	BELOW
BO	BOTTOM OF
BOF	BOTTOM OF FINISH
CIP	CAST IN PLACE
CF	CUBIC FOOT
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CL	CENTERLINE
CONC	CONCRETE
CONT	CONTINUOUS
CTR	CENTER
DIA	DIAMETER
DIM	DIMENSION
DWG	DRAWING
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
FAF	FLUID APPLIED FLOORING
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FO	FACE OF
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOF	FACE OF FLUID
FRT	FIRE RETARDANT TREATED
FT	FOOT, FEET
FURR	FURRING
GA	GAUGE
GALV	GALVANIZED
GWB	GYPSUM WALL BOARD
GYP	GYPSUM WALL BOARD
HR	HOUR
HT	HEIGHT
ID	INSIDE DIAMETER
INCL	INCLUDE, INCLUDED
INSUL	INSULATION
INT	INTERIOR
LH	LEFT HAND
MAX	MAXIMUM
MFR	MANUFACTURER
MKBD	MARKERBOARD
MIN	MINIMUM
MIR	MIRROR
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
PERF	PERFORATED
PLAM	PRESSURE TREATED LAMINATE
PLY	PLYWOOD
PT	PAINT
RCP	REFLECTED CEILING PLAN
REBAR/RB	REINFORCING BARS
REF	REFERENCE
REQD	REQUIRED
SECT	SECTION
SCHED	SCHEDULE
SIM	SIMILAR
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
TBD	TO BE DETERMINED
TOP	TOP OF BEAM
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY CERTIFIED
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
WD	WOOD

MATERIALS

	CONCRETE (SECTION)
	EARTH (SECTION)
	FINISH CARPENTRY (SECTION)
	GYPSUM BOARD (SECTION)
	INSULATION, BATT (PLAN & SECTION)
	INSULATION, RIGID (PLAN & SECTION)
	MINERAL WOOD INSULATION (PLAN & SECTION)
	METAL (SECTION)
	FILL (SECTION)
	PLYWOOD (SECTION)
	WOOD, CONTINUOUS (SECTION)
	WOOD, BLOCKING (SECTION)
	STONE (PLAN)

SYMBOLS

	1	GRID LINE INDICATION
	101	ROOM IDENTIFICATION
	Room name	ROOM NAME
	101	ROOM NUMBER
	150 SF	AREA
	XX	INTERIOR / EXTERIOR ELEVATION
	XX	DASH INDICATES NO ELEVATION
	XX	BUILDING SECTION
	XX	SECTION NUMBER
	XX	SECTION SHEET
	XX	WALL SECTION
	XX	SECTION NUMBER
	XX	SECTION SHEET
	XX	DETAIL
	XX	DETAIL NUMBER
	XX	DETAIL SHEET
	101	DOOR NUMBER
	101	REFER TO DOOR SCHEDULE
	J	WINDOW TYPE
	J	REFER TO WINDOW SCHEDULE
	1	KEYNOTE
	1	REFER TO NOTES LISTED ON SHEET
	A1	WALL TYPE INDICATOR
	A1	REFER TO WALL LEGEND
	F1	FLOOR, CEILING, ROOF TYPE INDICATOR
	F1	REFER TO FLOOR, CEILING, ROOF LEGEND
	+	WORK POINT
	+	(CONTROL or DATUM POINT)



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

CODE ANALYSIS

AUTHORITY HAVING JURISDICTION: STATE OF ALASKA FIRE MARSHAL

APPLICABLE CODES

- 2012 INTERNATIONAL BUILDING CODE
- 2012 INTERNATIONAL FIRE CODE
- 2012 INTERNATIONAL FUEL GAS CODE
- 2012 INTERNATIONAL MECHANICAL CODE
- 2014 NATIONAL ELECTRICAL CODE
- 2012 UNIFORM PLUMBING CODE

PROJECT SUMMARY: COVERED OUTDOOR EVENT SPACE BUILT AROUND EXISTING RESTROOM BUILDING AND ADDITION OF SECURITY AND INFORMATION OFFICE TO NORTH SIDE OF EXISTING RESTROOM BUILDING.

BUILDING SUMMARY:

- CANOPY AREA: 4,552 SQUARE FEET
- ANNEX: 500 SQUARE FEET
- EXISTING RESTROOM: 915 SQUARE FEET (GROUND FLOOR)

SECTION 302 OCCUPANCY CLASSIFICATION:

- **CANOPY AREA - A-3: RECREATION USE SIMILAR TO EXHIBITION HALL OR MUSEUM SPACE** (MOST RESTRICTIVE)
- ANNEX - B: SERVICE TYPE TRANSACTIONS AND OFFICE SPACE
- EXISTING RESTROOMS - S-2: STORAGE OF NON-COMBUSTIBLE MATERIALS

SECTION 503 GENERAL BUILDING HEIGHT AND AREA LIMITATIONS

- **A-3 - CONST. TYPE VB: 1 STORY, 6,000 SQUARE FEET** (MOST RESTRICTIVE)
- B - CONST. TYPE VB: 2 STORIES, 9,000 SQUARE FEET

SECTION 506.2 FRONTAGE INCREASE

- EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE A BUILDING AREA INCREASE FOR FRONTAGE. WHERE A BUILDING HAS MORE THAN 25 PERCENT OF ITS PERIMETER ON A PUBLIC WAY OR OPEN SPACE HAVING A MINIMUM WIDTH OF 20 FEET, THE FRONT INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH THE FOLLOWING. **NEAREST STRUCTURE IS MORE THAN 30 FEET AWAY, PROJECT PERIMETER IS OPEN, PUBLIC WAY**

SECTION 508 MIXED USE AND OCCUPANCY

- 508.3: NON-SEPARATED OCCUPANCIES: EACH OCCUPANCY IS INDIVIDUALLY CLASSIFIED PER SECTION 302. MOST RESTRICTIVE PROVISION OF CHAPTER 9-FIRE PROTECTION SYSTEMS, SHALL APPLY TO THE TOTAL NON-SEPARATED OCCUPANCY AREA

SECTION 602 CONSTRUCTION CLASSIFICATION

- TYPE VB (UNSPRINKLERED): 0 HR FIRE RESISTANCE RATING, STRUCTURAL ELEMENTS, EXTERIOR WALLS, AND INTERIOR WALLS ARE OF ANY MATERIALS PERMITTED BY THE CODE

SECTION 803.9 INTERIOR FINISH REQUIREMENTS BASED ON GROUP

- A-3 (NON-SPRINKLERED): ROOMS AND ENCLOSED SPACES - CLASS C
- B (NON-SPRINKLERED): ROOMS AND ENCLOSED SPACES - CLASS C

SECTION 903 AUTOMATIC FIRE SPRINKLERS

- GROUP A-3: AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP A-3 OCCUPANCIES WHERE ONE OF THE FOLLOWING EXISTS
 1. THE FIRE AREA EXCEEDS 12,000 SF **PROJECT AREA DOES NOT EXCEED 12,000 SF**
 2. THE FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE **PROJECT OCCUPANT LOAD DOES NOT EXCEED 300**
 3. THE FIRE AREA IS LOCATED ON A FLOOR OTHER THAN A LEVEL OF EXIT DISCHARGE SERVING SUCH OCCUPANCIES **FIRE AREA IS LOCATED ON SAME LEVEL AS EXIT DISCHARGE**
- AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED FOR PROJECT

SECTION 906 PORTABLE FIRE EXTINGUISHERS

- PORTABLE FIRE EXTINGUISHERS ARE REQUIRED FOR A AND B OCCUPANCIES
- 906.2 GENERAL REQUIREMENTS: PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH IBC AND NFPA 10 REQUIREMENTS
- TABLE 906.3(1); PER SINGLE 2-A RATED EXTINGUISHER, MAX. FLOOR AREA OF COVERAGE IS 3,000 SF WITH MAX. TRAVEL DISTANCE TO EXTINGUISHER OF 75 FEET

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

- GROUP A: A MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED IN GROUP A OCCUPANCY WHERE THE OCCUPANT LOAD DUE TO THE ASSEMBLY OCCUPANCY IS 300 OR MORE **OCCUPANT LOAD AT A-3 OCCUPANCY DOES NOT EXCEED 300**
- GROUP B: A MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED IN GROUP B OCCUPANCIES WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS
 1. COMBINED GROUP B OCCUPANT LOAD OF ALL FLOORS IS 500 OR MORE **OCCUPANT LOAD AT B OCCUPANCY DOES NOT EXCEED 500**
 2. GROUP B OCCUPANT LOAD IS MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE **OCCUPANT LOAD AT B OCCUPANCY DOES NOT EXCEED 100**
 3. THE FIRE AREA CONTAINS AN AMBULATORY CARE FACILITY **NO AMBULATORY CARE FACILITY IN PROJECT**

SECTION 1004 OCCUPANT LOAD

- 1004.3: EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AN AUTHORIZED AGENT **ASSEMBLY OCCUPANCY IS AN UNENCLOSED STRUCTURE WITH NO DEFINED ENTRY/EGRESS POINT**

SECTION 1005 MEANS OF EGRESS SIZING

- A OCCUPANCY
- B OCCUPANCY

SECTION 1006 MEANS OF EGRESS ILLUMINATION

- THE MEANS OF EGRESS ILLUMINATION SHALL NOT BE LESS THAN 1 FOOTCANDLE AT WALKING SURFACE
- ILLUMINATION EMERGENCY POWER: THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF A POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS:
 1. BUILDING DOES NOT REQUIRE 2 EXITS, NO EMERGENCY LIGHTING REQUIRED

SECTION 1007 ACCESSIBLE MEANS OF EGRESS

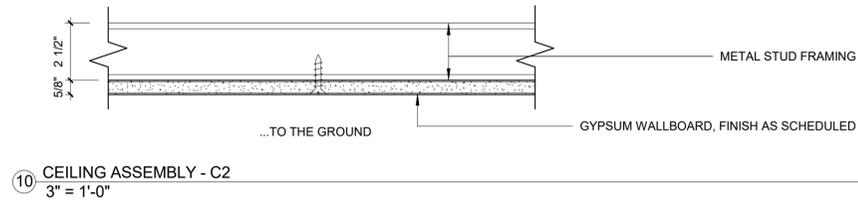
- ACCESSIBLE SPACES WILL BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS.
- NO STAIRS OR ELEVATORS IN PROJECT

SECTION 1011 EXIT SIGNS

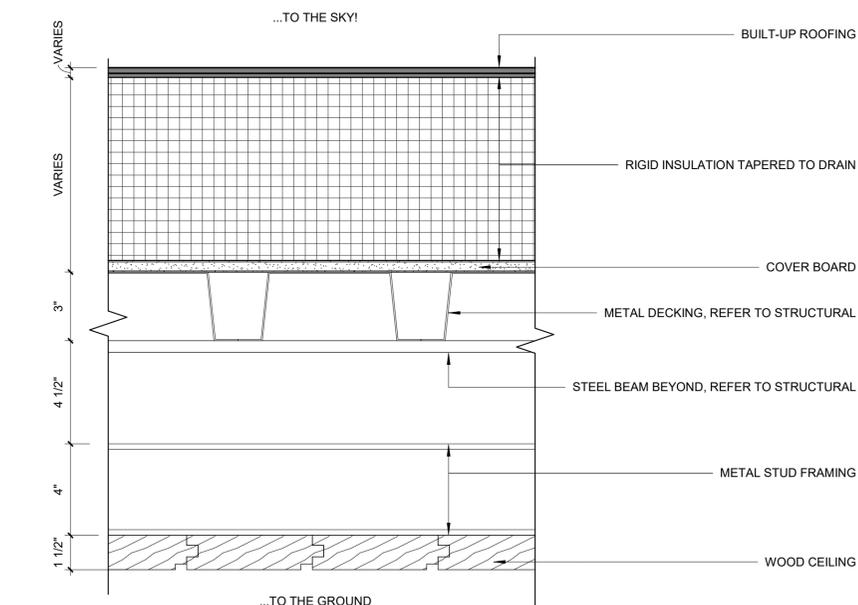
- EXIT SIGNS ARE NOT REQUIRED IN ROOMS OR AREAS THAT REQUIRE ONLY 1 EXIT OR EXIT ACCESS

SECTION 1015 EXIT AND EXIT ACCESS DOORWAYS

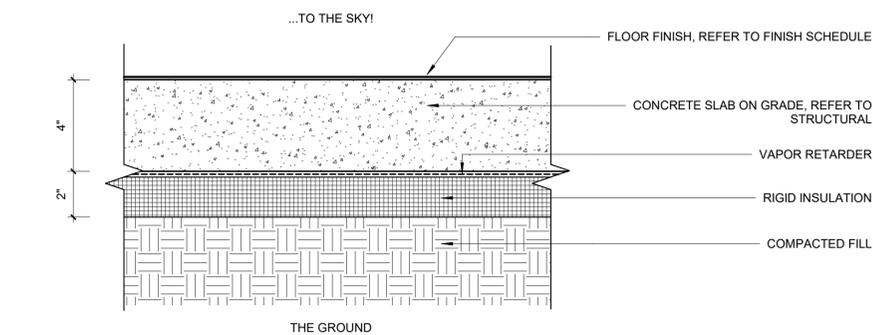
SECTION 1016 EXIT ACCESS AND TRAVEL DISTANCE



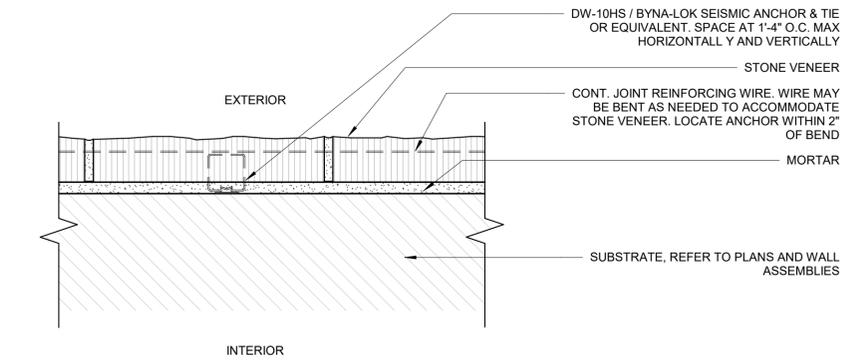
10 CEILING ASSEMBLY - C2
3" = 1'-0"



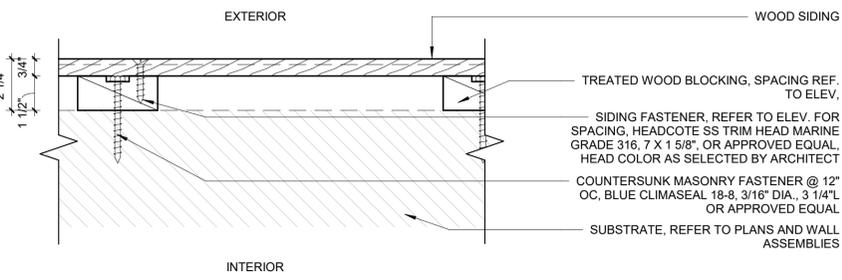
9 ROOF/CEILING ASSEMBLY - R1/C1
3" = 1'-0"



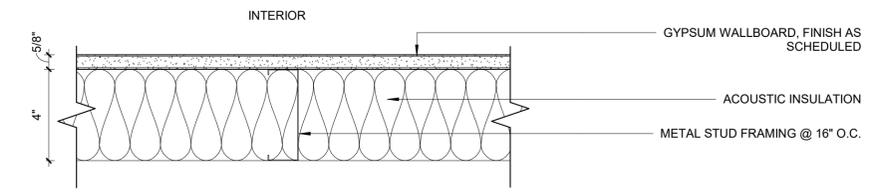
8 FLOOR ASSEMBLY - F1
3" = 1'-0"



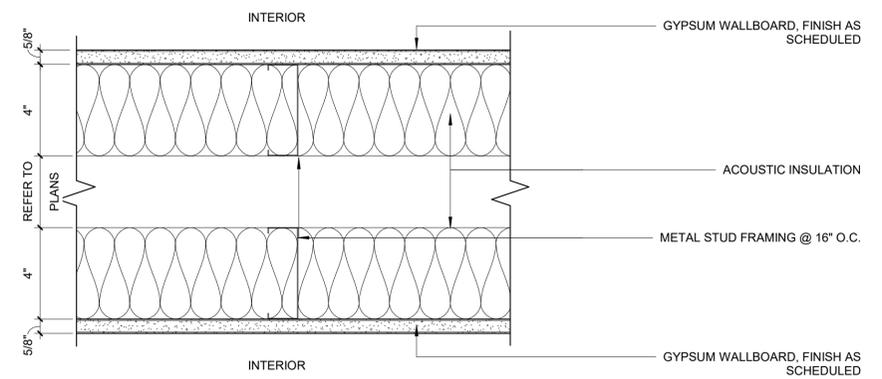
7 EXTERIOR VENEER ASSEMBLY V2
3" = 1'-0"



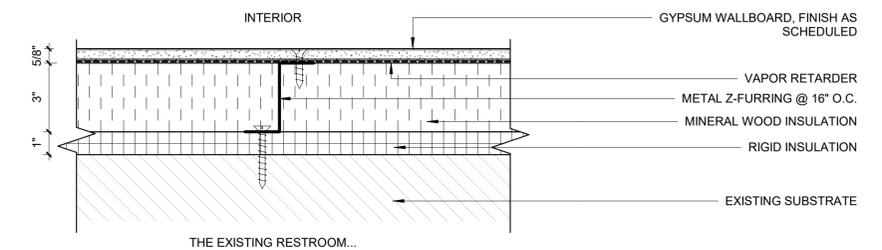
6 EXTERIOR VENEER ASSEMBLY V1
3" = 1'-0"



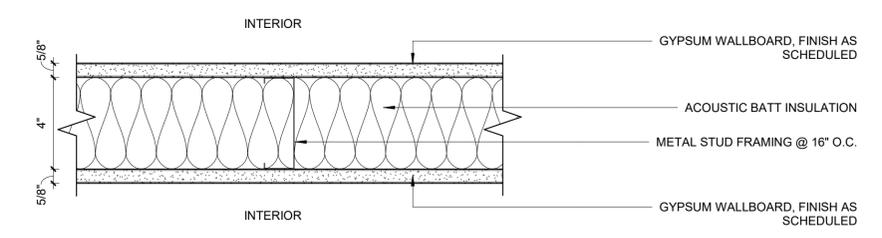
5 INTERIOR WALL ASSEMBLY B4
3" = 1'-0"



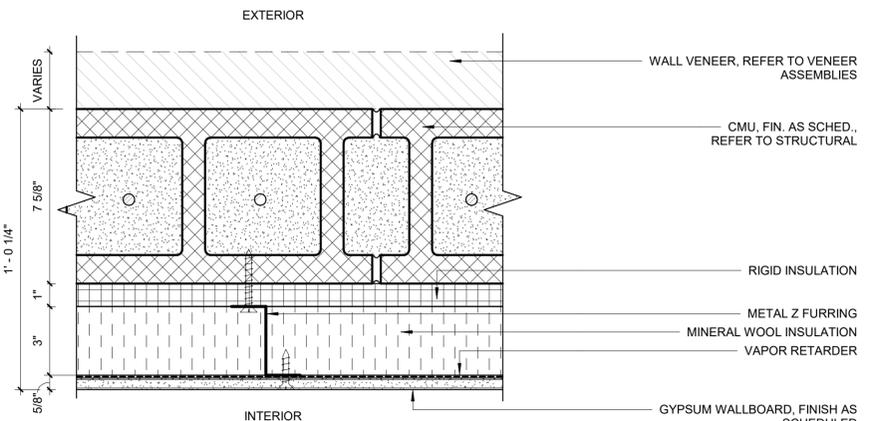
4 INTERIOR WALL ASSEMBLY B3
3" = 1'-0"



3 INTERIOR WALL ASSEMBLY B2
3" = 1'-0"



2 INTERIOR WALL ASSEMBLY B1
3" = 1'-0"



1 EXTERIOR WALL ASSEMBLY A1
3" = 1'-0"

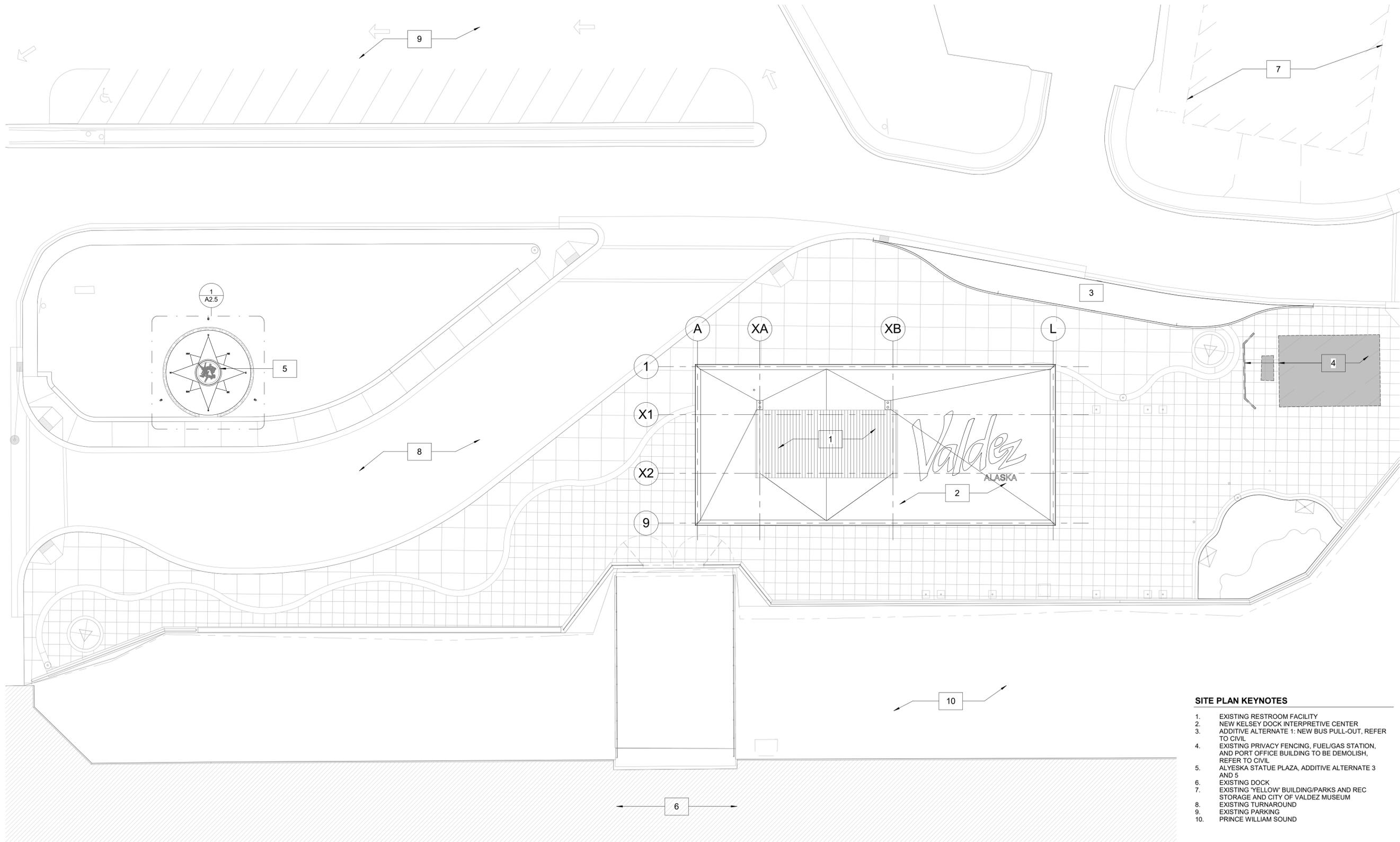
© 2018 ECI, Inc.

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

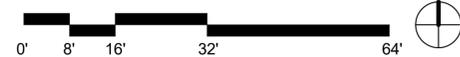


ASSEMBLIES
AUTHOR: DPP
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO.: -
CHECKED: BAM

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009



1 SITE PLAN
1/16" = 1'-0"



SITE PLAN KEYNOTES

1. EXISTING RESTROOM FACILITY
2. NEW KELSEY DOCK INTERPRETIVE CENTER
3. ADDITIVE ALTERNATE 1: NEW BUS PULL-OUT, REFER TO CIVIL
4. EXISTING PRIVACY FENCING, FUEL/GAS STATION, AND PORT OFFICE BUILDING TO BE DEMOLISH, REFER TO CIVIL
5. ALYESKA STATUE PLAZA, ADDITIVE ALTERNATE 3 AND 5
6. EXISTING DOCK
7. EXISTING 'YELLOW' BUILDING/PARKS AND REC STORAGE AND CITY OF VALDEZ MUSEUM
8. EXISTING TURNAROUND
9. EXISTING PARKING
10. PRINCE WILLIAM SOUND



SITE PLAN
 AUTHOR: DPP
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO: -

CHECKED: BAM

A2.1

FULL SIZE PRINTED ON 22 x 34

**CITY OF VALDEZ
 KELSEY DOCK INTERPRETIVE CENTER**

CONSTRUCTION DOCUMENTS

ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

© 2018 ECI, Inc.

DEMOLITION GENERAL NOTES

1. FIELD VERIFY ALL DIMENSIONS AND EQUIPMENT LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN THE DOCUMENTS AND FIELD CONDITIONS
2. COORDINATE DEMOLITION WORK WITH NEW CONSTRUCTION
3. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED. REPAIR, PATCH, AND PAINT AS NEEDED. SURFACES WHICH ARE TO REMAIN BUT HAVE BECOME SOILED OR DAMAGED BY DEMOLITION WORK, TO LIKE NEW CONDITION

© 2018 ECI, Inc.

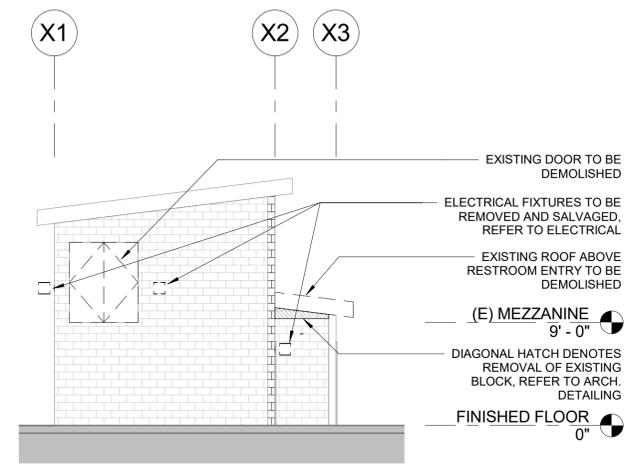
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CITY OF VALDEZ
 KELSEY DOCK INTERPRETIVE CENTER

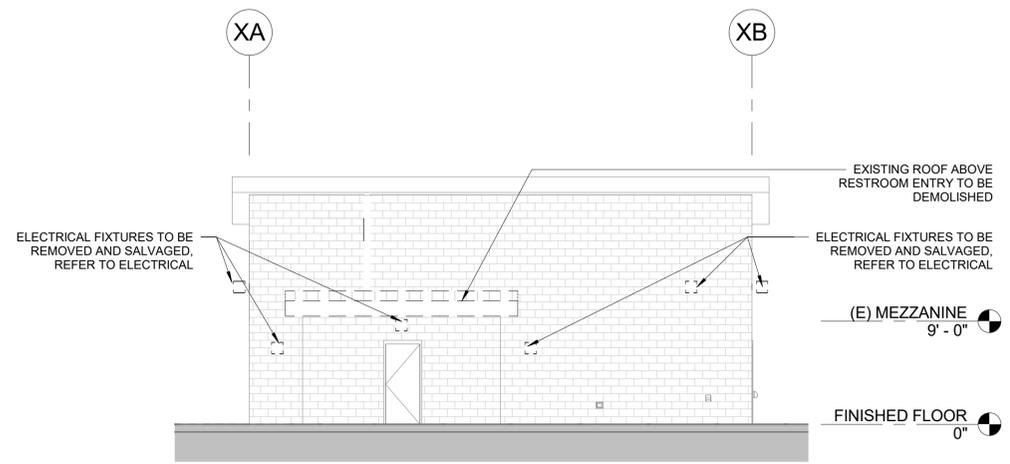


DEMOLITION PLAN
 AUTHOR: DPP
 REVISION:
 ISSUE DATE: 03.14.2018
 CHECKED: BAM
 OWNER PROJECT NO. -

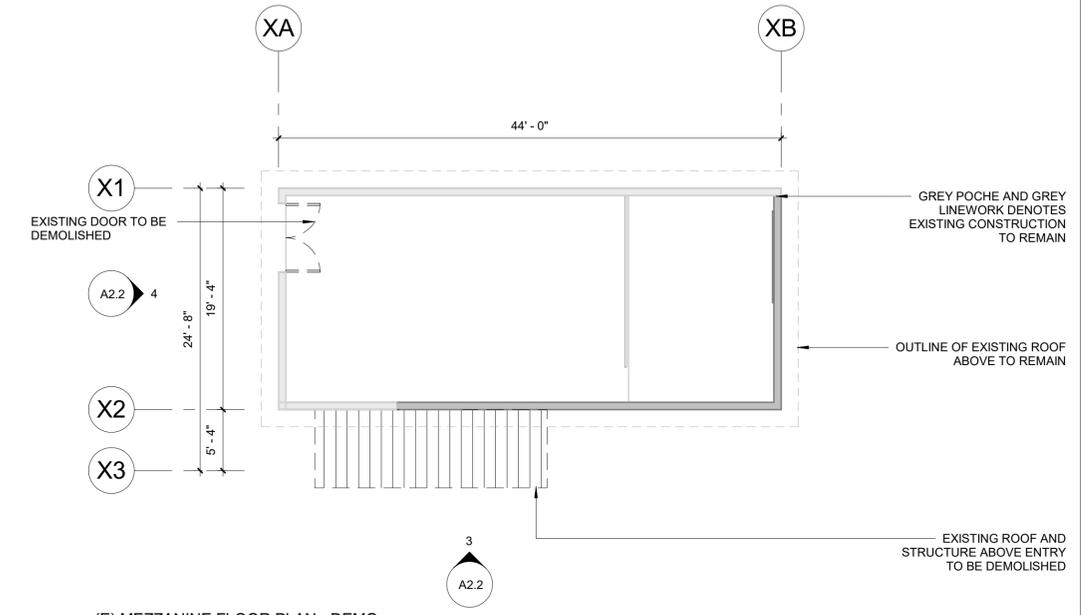
A2.2
 FULL SIZE PRINTED ON 22 x 34



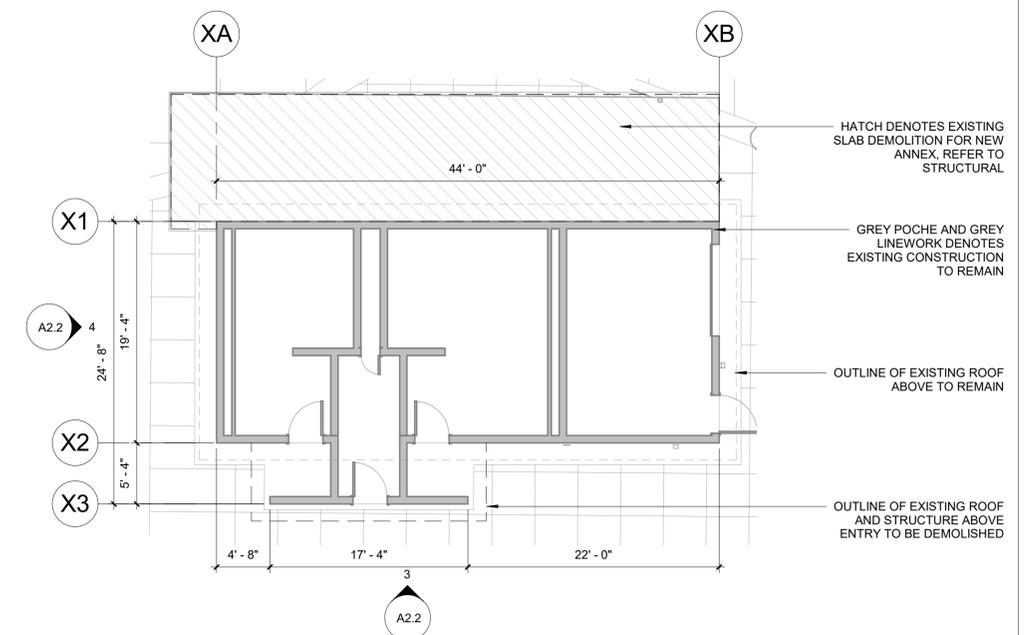
④ (E) RESTROOM - WEST ELEVATION
 1/8" = 1'-0"



③ (E) RESTROOM - SOUTH ELEVATION
 1/8" = 1'-0"

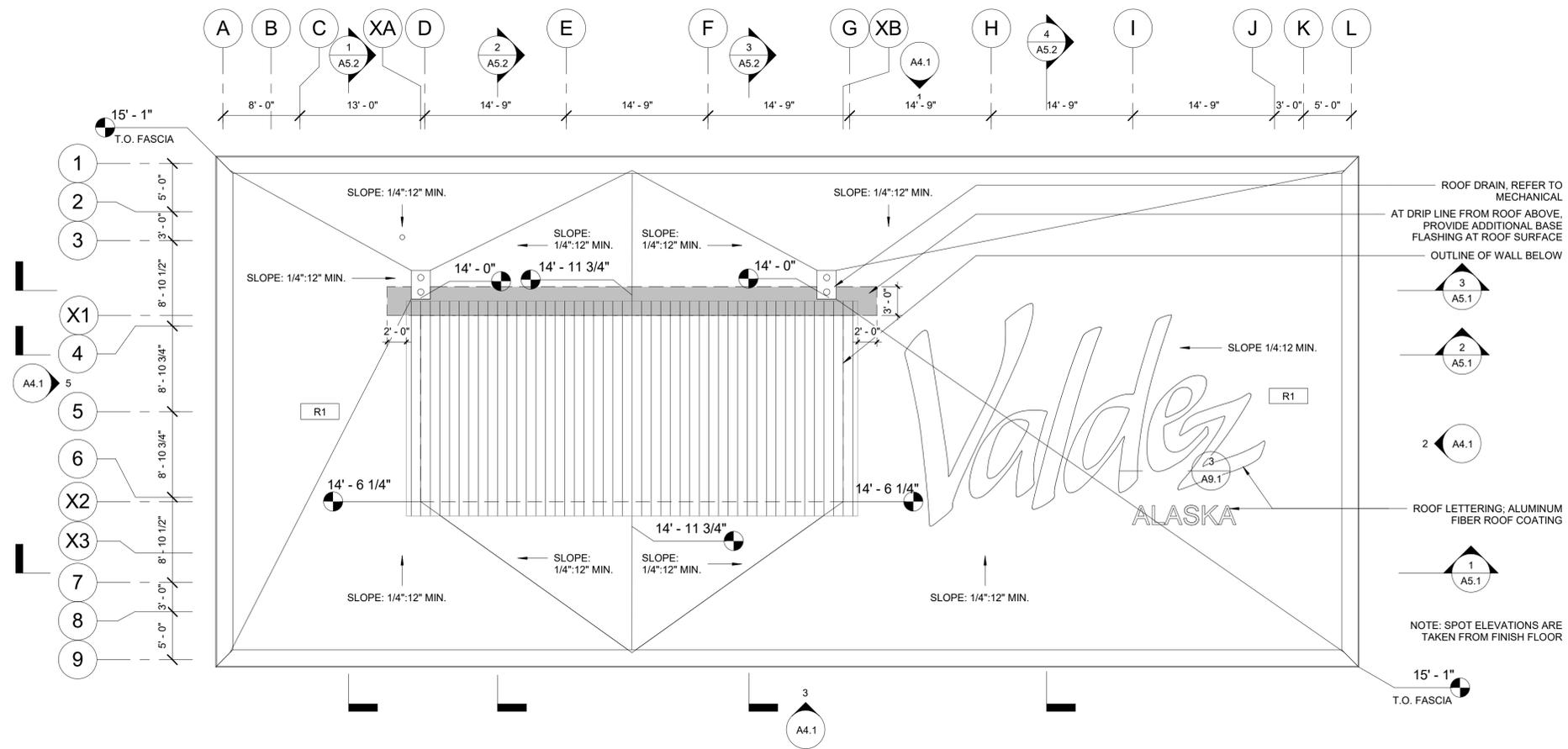


② (E) MEZZANINE FLOOR PLAN - DEMO
 1/8" = 1'-0"

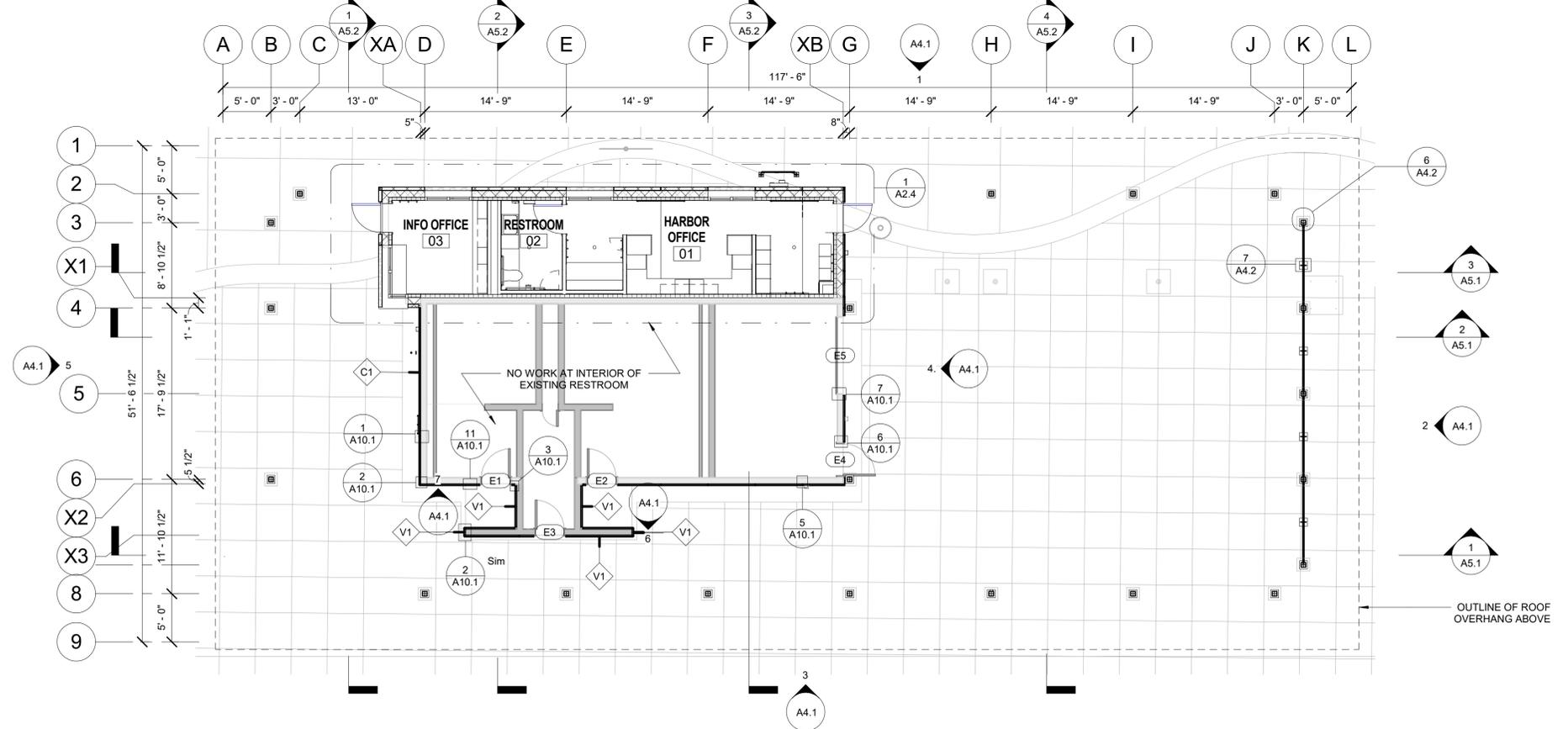


① (E) FLOOR PLAN - DEMO
 1/8" = 1'-0"

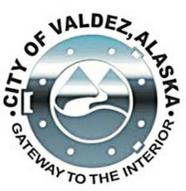




2 ROOF PLAN
1/8" = 1'-0"

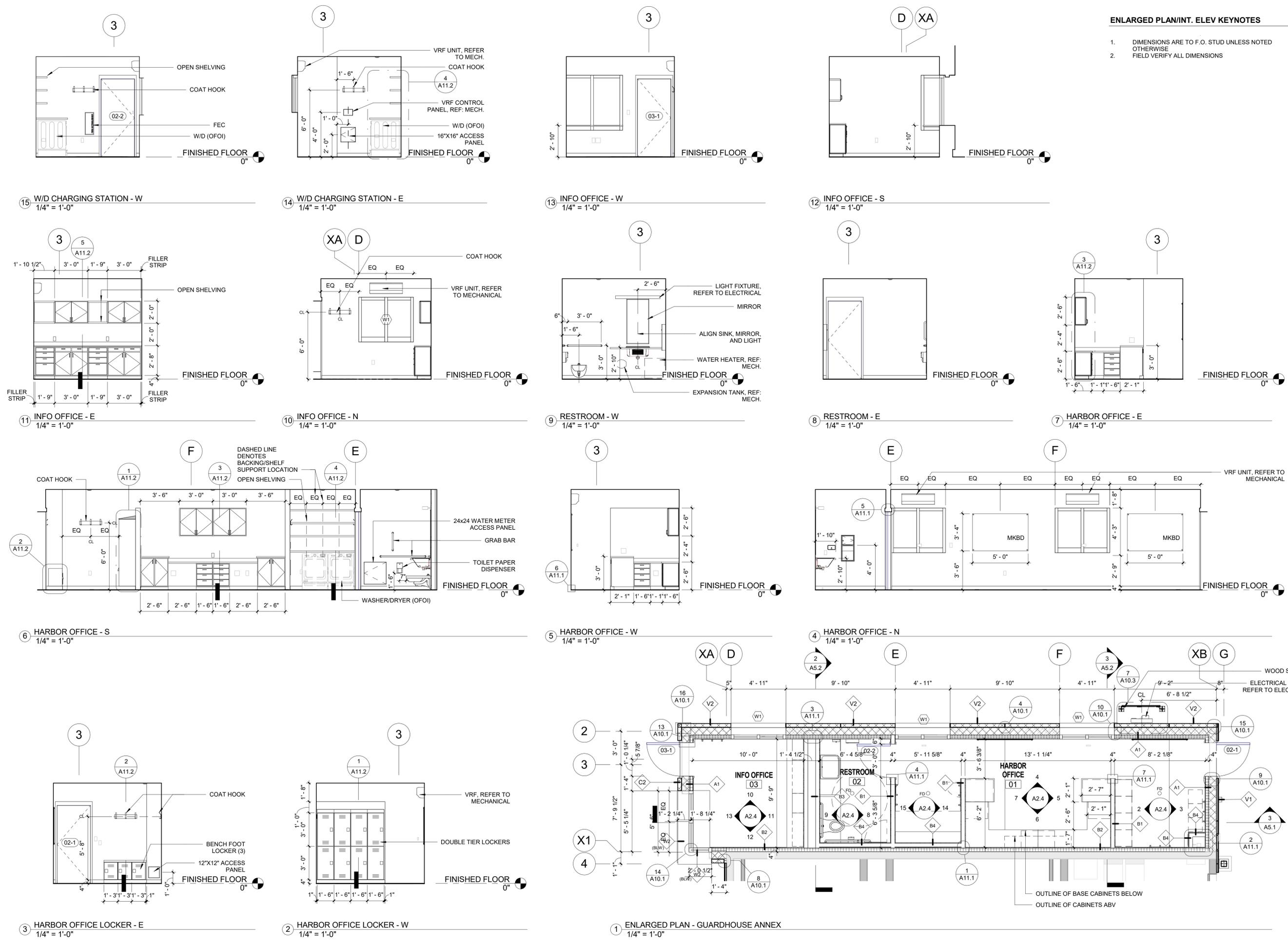


1 FLOOR PLAN
1/8" = 1'-0"



ENLARGED PLAN/INT. ELEV KEYNOTES

1. DIMENSIONS ARE TO F.O. STUD UNLESS NOTED OTHERWISE
2. FIELD VERIFY ALL DIMENSIONS



© 2018 ECI, Inc.

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

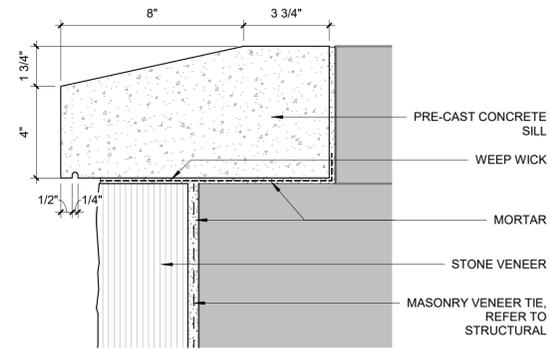


ANNEX PLAN, INT. ELEV., & DETAILS
 AUTHOR: DPP
 CHECKED: BAM

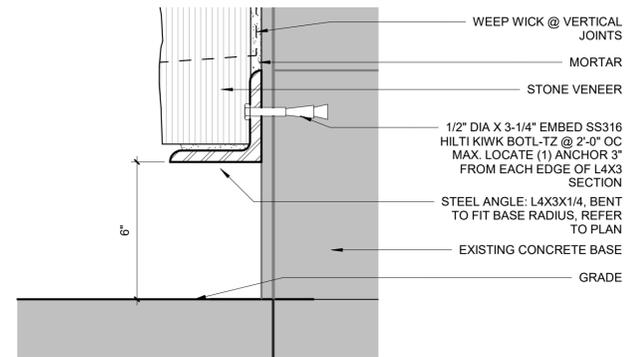
REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.:

ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

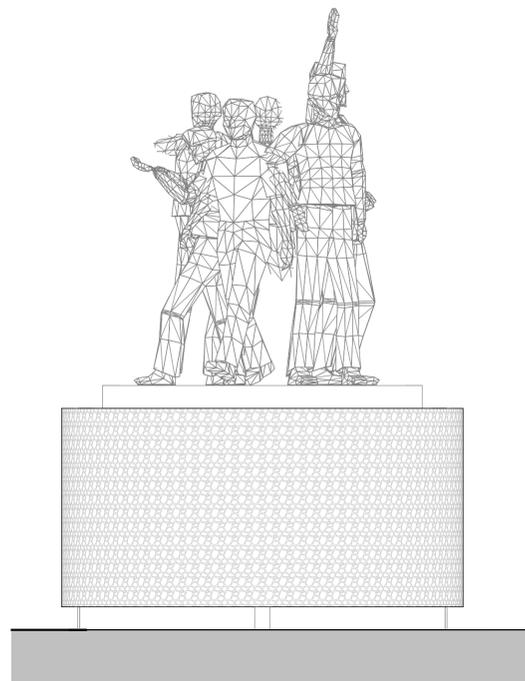
1. FIELD VERIFY ALL DIMENSIONS



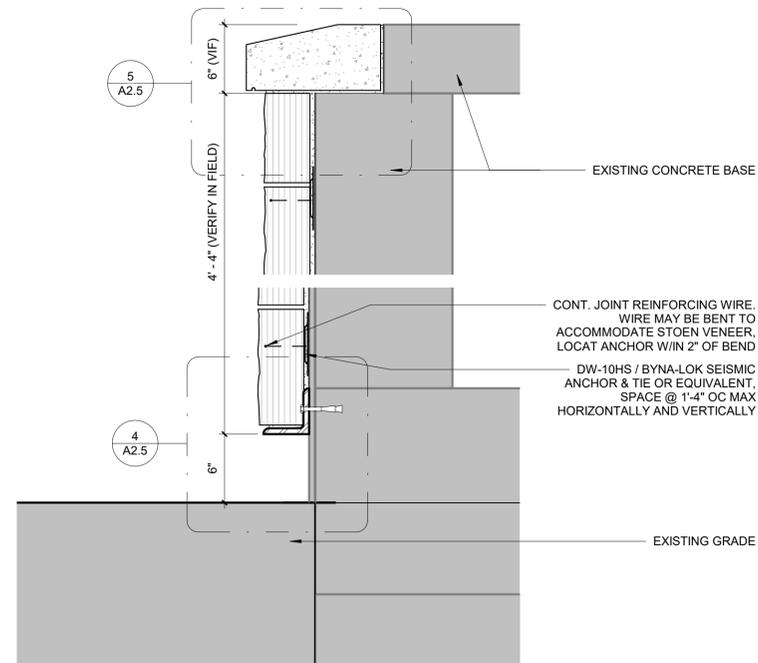
5 SECTION DETAIL - SILL
3" = 1'-0"



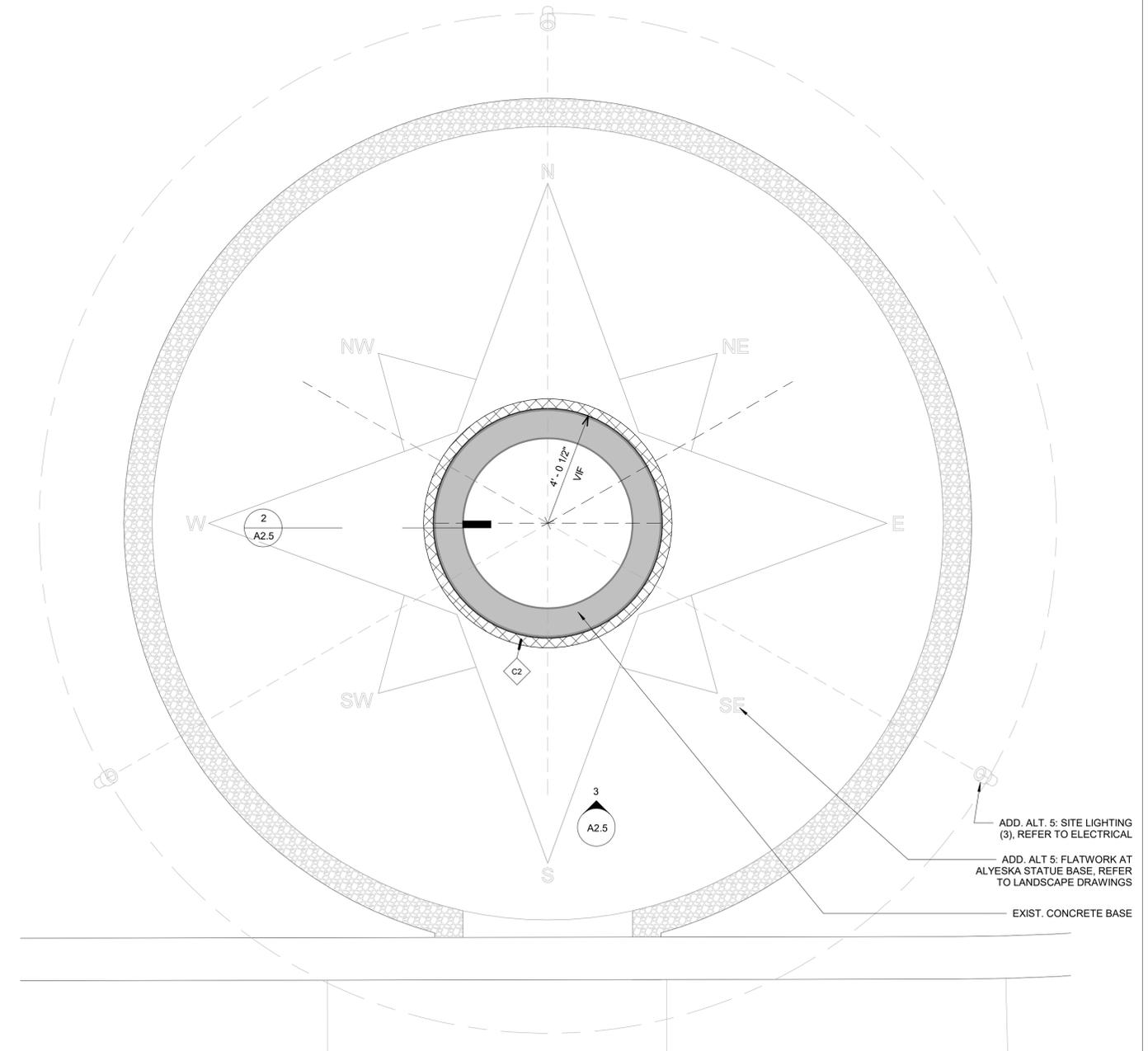
4 SECTION DETAIL - STATUE BASE
3" = 1'-0"



3 ALYESKA STATUE - SOUTH ELEVATION
1/2" = 1'-0"

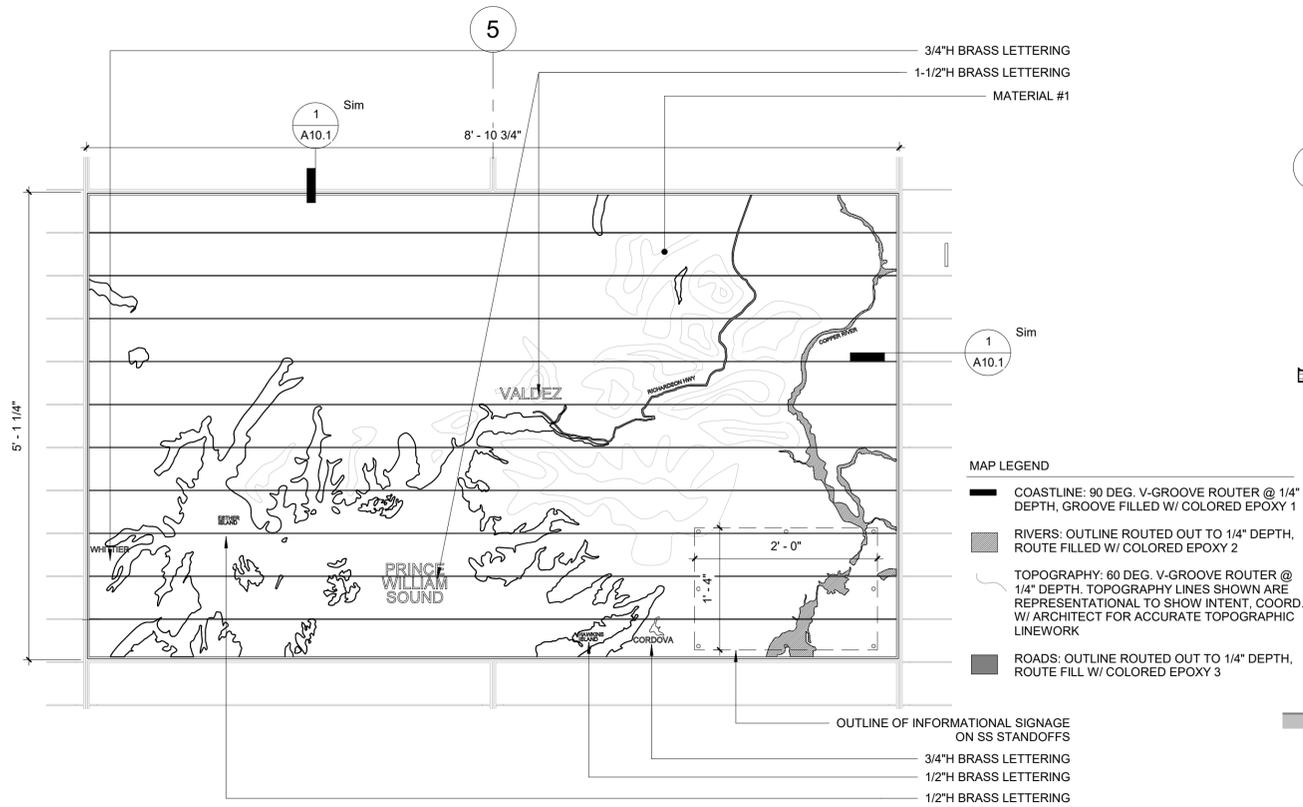


2 WALL SECTION - ALYESKA STATUE
1 1/2" = 1'-0"

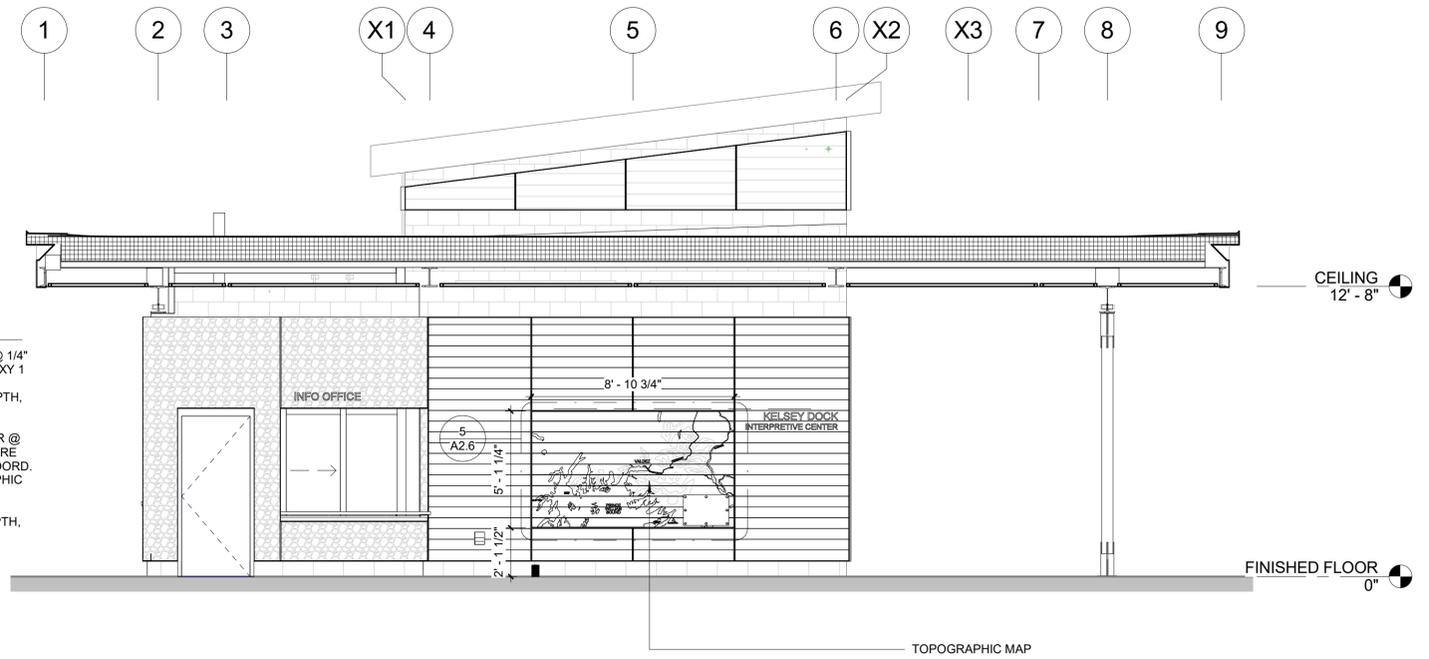


1 ENLARGED PLAN - ALYESKA STATUE
3/8" = 1'-0"

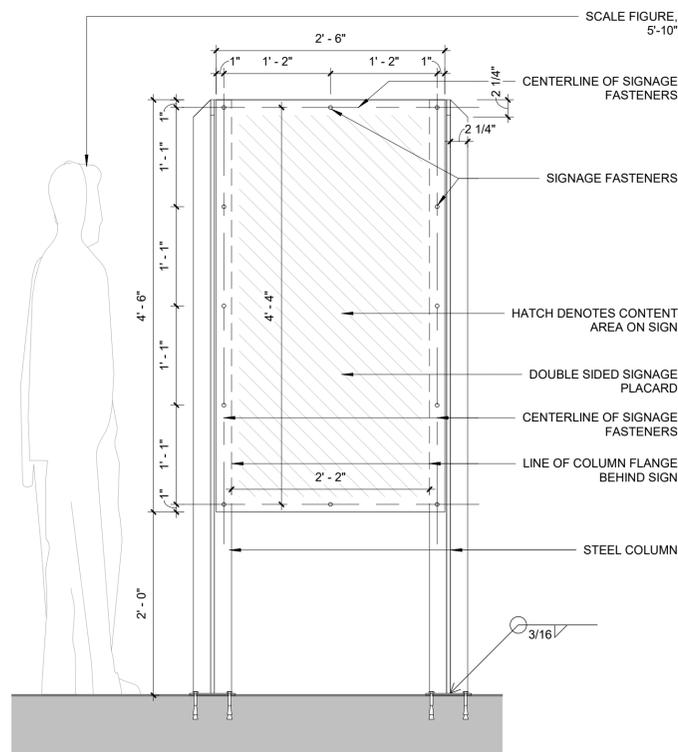




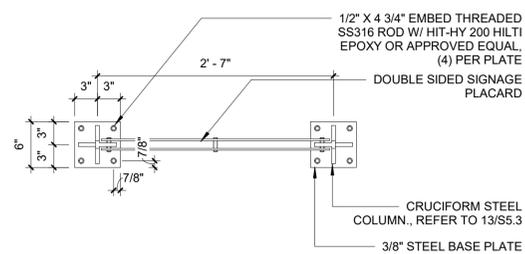
5 SIGNAGE - TOPOGRAPHIC MAP ELEVATION
1" = 1'-0"



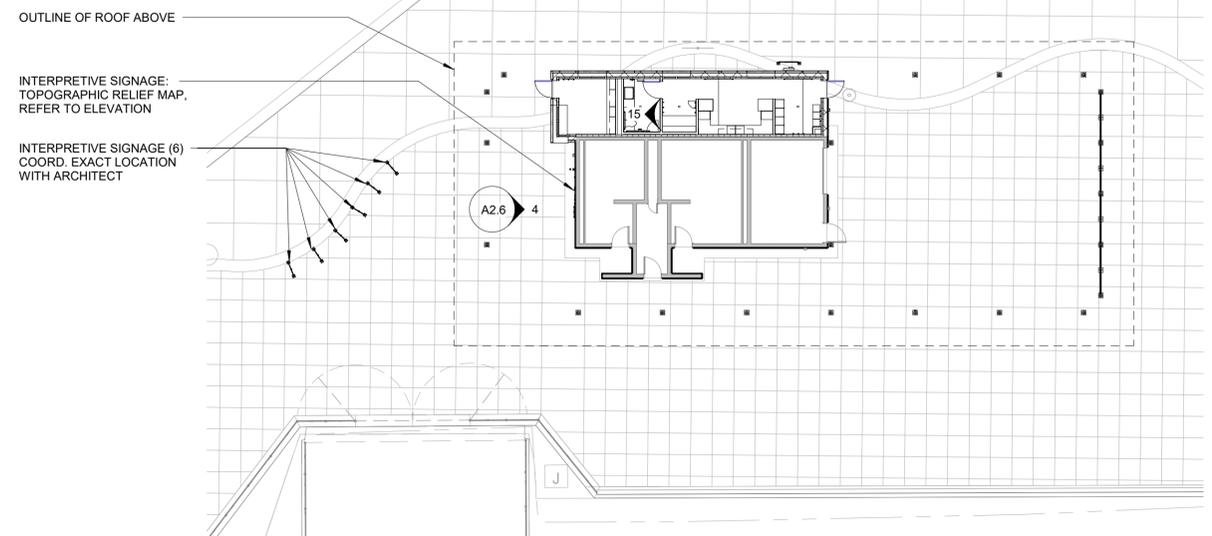
4 SIGNAGE - WEST ELEVATION
1/4" = 1'-0"



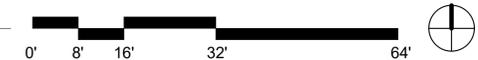
3 SIGNAGE - ELEVATION
1" = 1'-0"

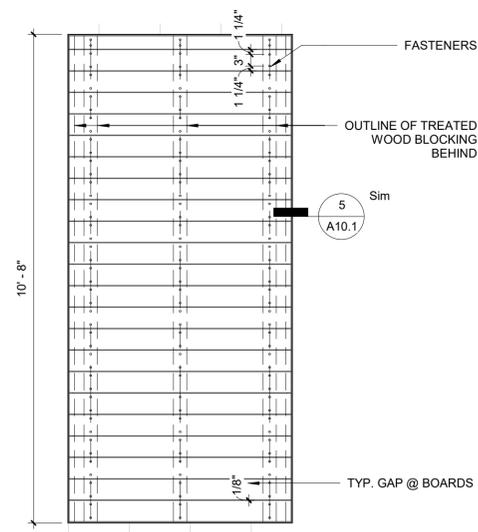


2 SIGNAGE - PLAN DETAIL
1" = 1'-0"

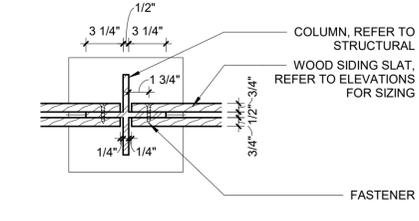


1 SIGNAGE - PLAN
1/16" = 1'-0"

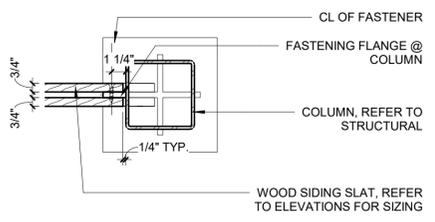




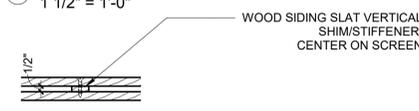
5 ELEVATION - WOOD SIDING SECTION, TYP.
1/2" = 1'-0"



7 WOOD SCREEN DETAIL 1
1 1/2" = 1'-0"

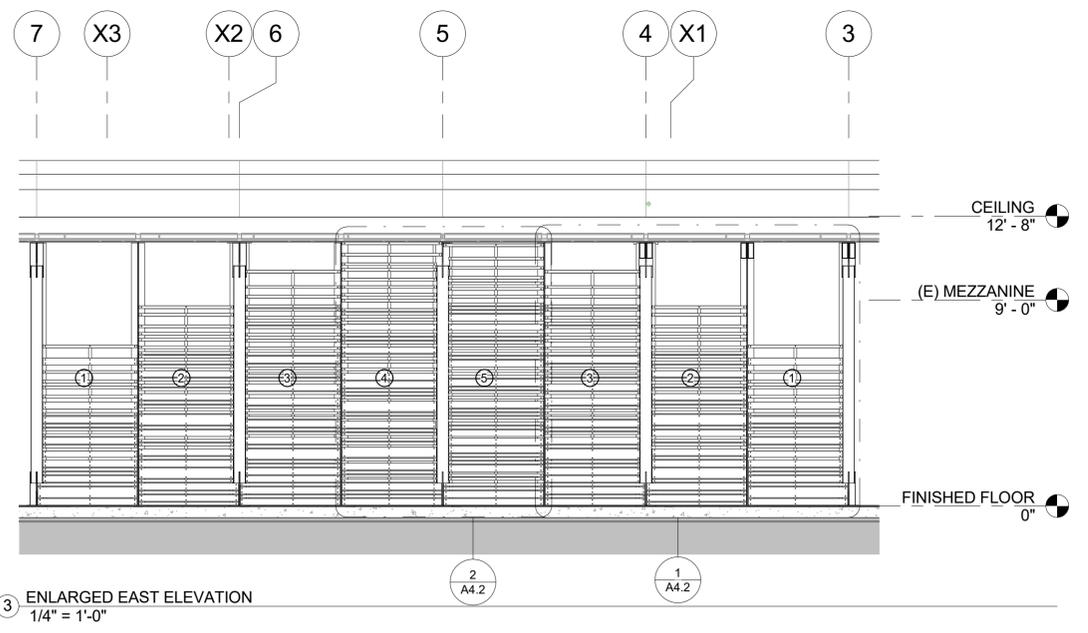


6 WOOD SCREEN DETAIL 2
1 1/2" = 1'-0"

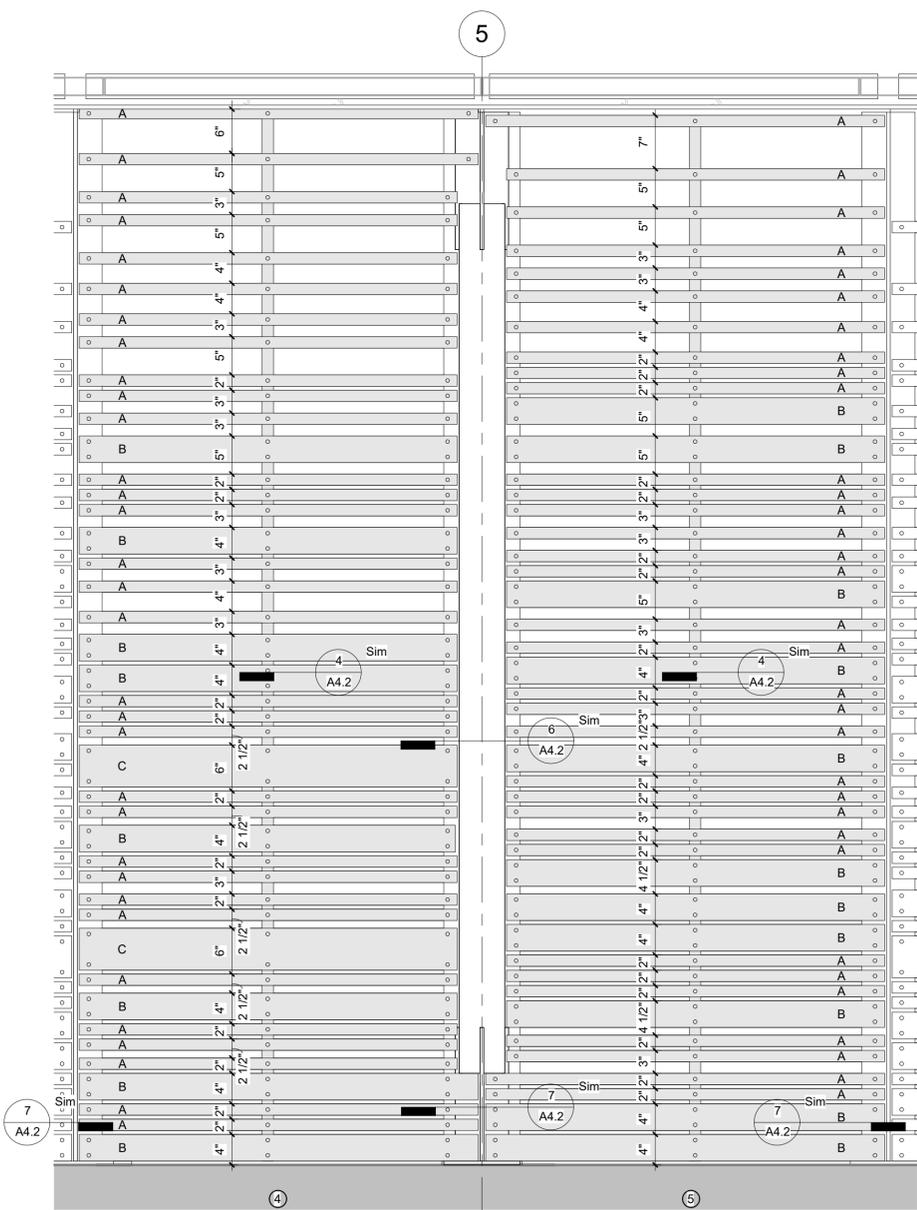


4 WOOD SCREEN DETAIL 3
1 1/2" = 1'-0"

- WOOD SCREEN LEGEND
- ⊕ SCREEN TYPE
 - A 1X2 WOOD SIDING SLAT, 1 FASTENER @ ENDS & VERT. SHIM
 - B 1X4 WOOD SIDING SLAT, 2 FASTENERS @ ENDS & VERT. SHIM
 - C 1X6 WOOD SIDING SLAT, 2 FASTENERS @ ENDS & VERT. SHIM



3 ENLARGED EAST ELEVATION
1/4" = 1'-0"



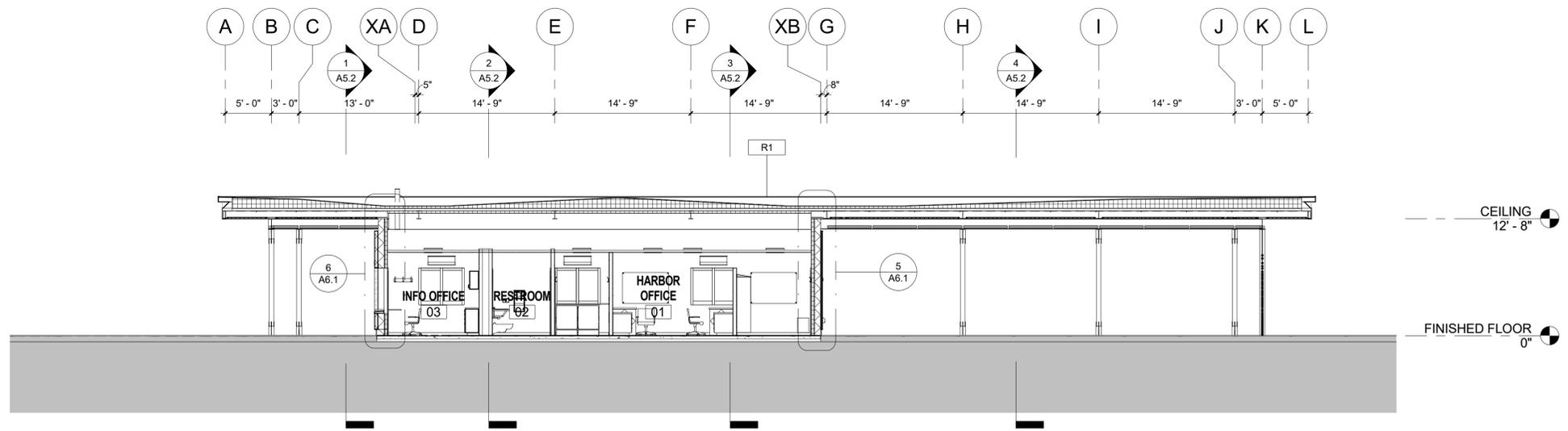
2 ENLARGED WOOD SCREEN 4 & 5
1" = 1'-0"



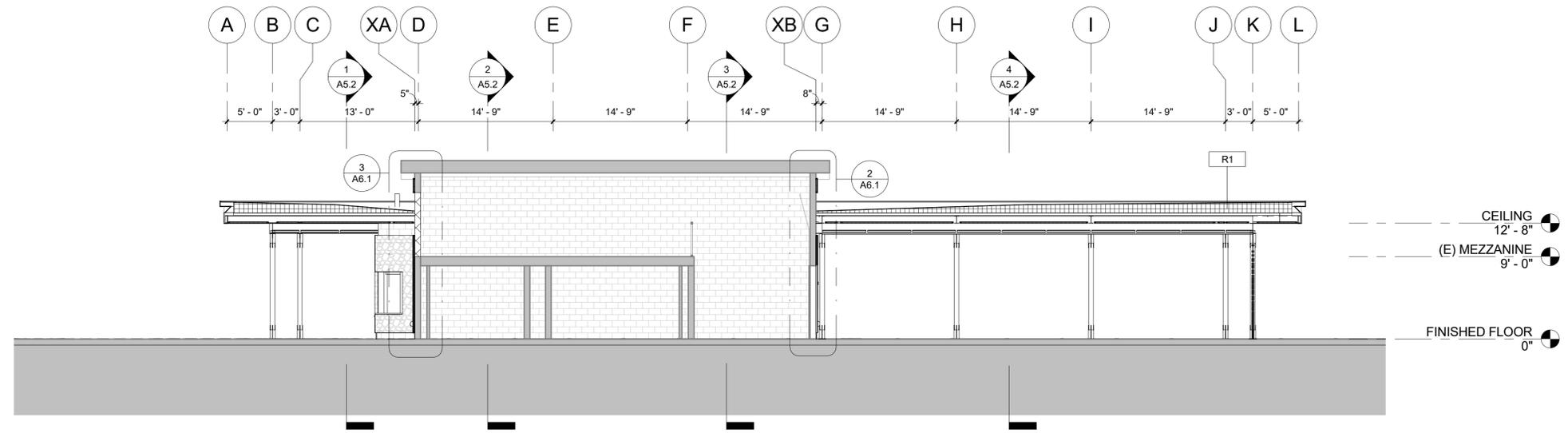
1 TYPICAL ENLARGED WOOD SCREEN 1, 2, & 3
1" = 1'-0"

ELEVATION GENERAL NOTES
 1. DIMENSIONS ARE TO TOP EDGE OF WOOD SLAT
 2. WOOD SIDING SLAT SHOWN WITH LIGHT GREY HATCH FOR VISUAL CLARITY

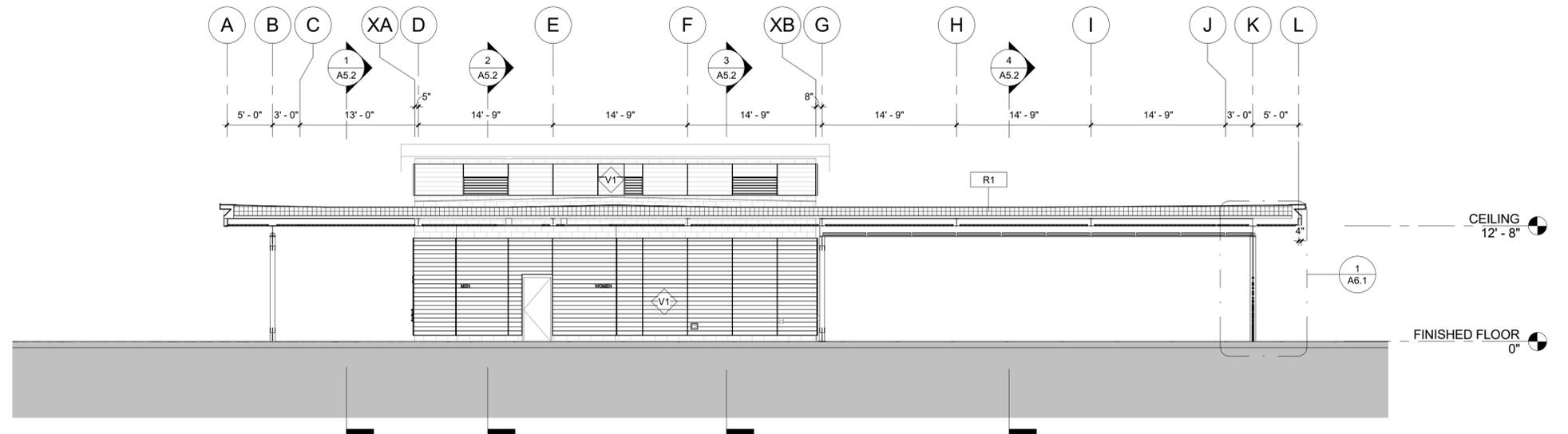




3 BUILDING SECTION EW - 3
1/8" = 1'-0"



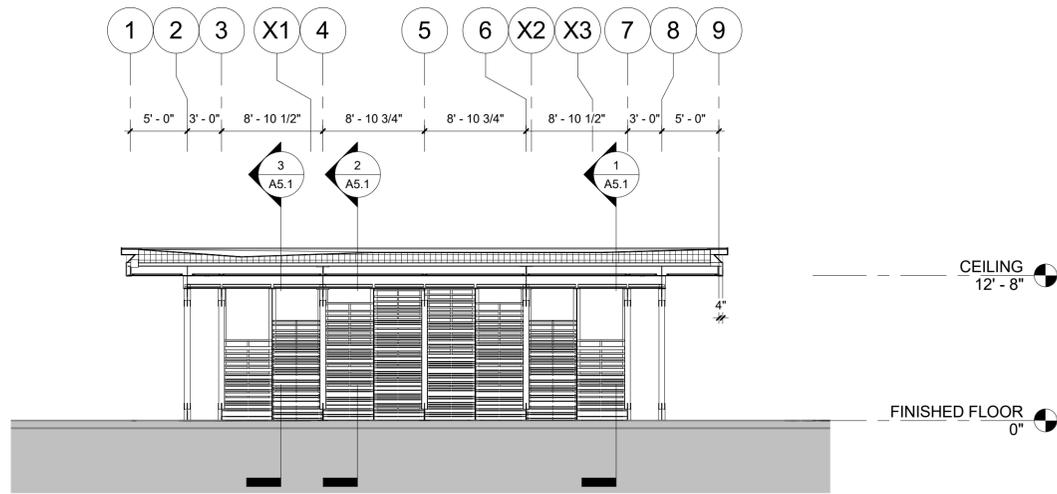
2 BUILDING SECTION EW - 1
1/8" = 1'-0"



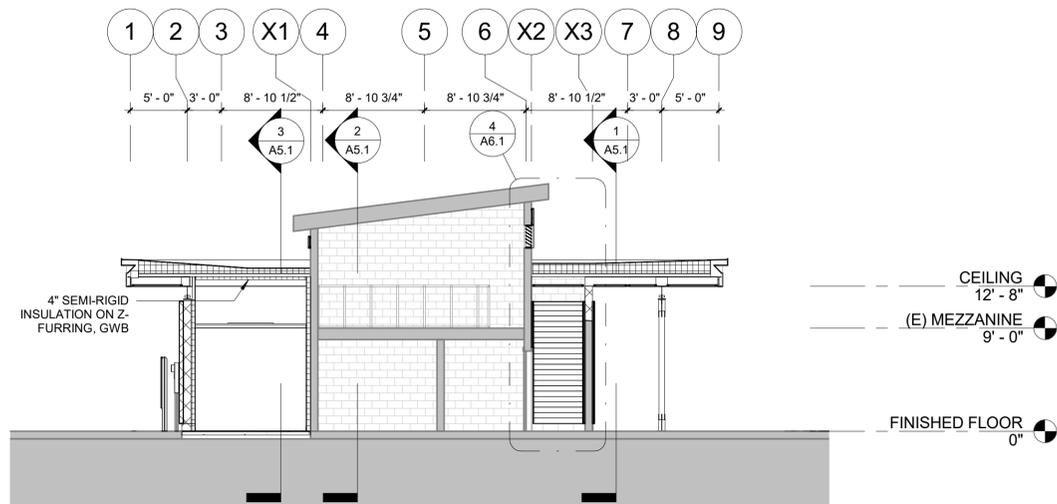
1 BUILDING SECTION EW - 2
1/8" = 1'-0"



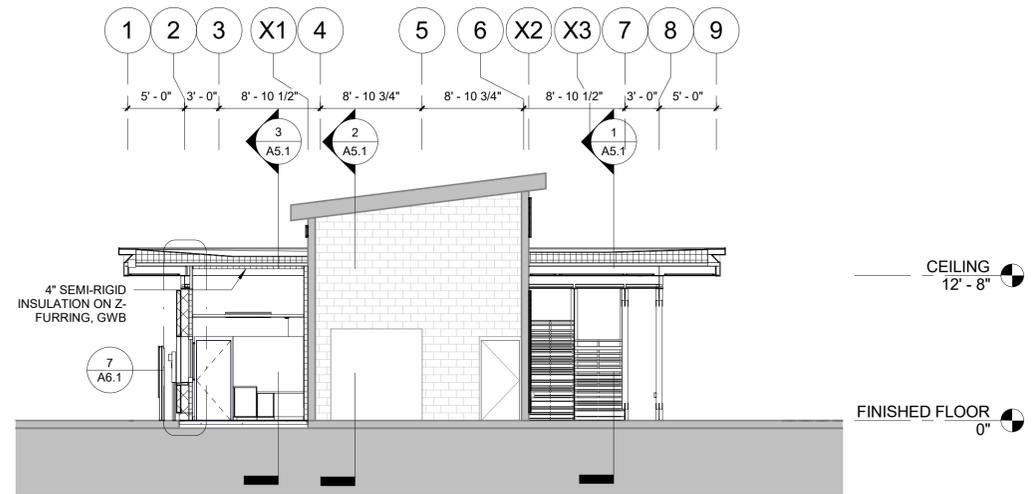
SECTIONS
AUTHOR: DPP
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -
CHECKED:



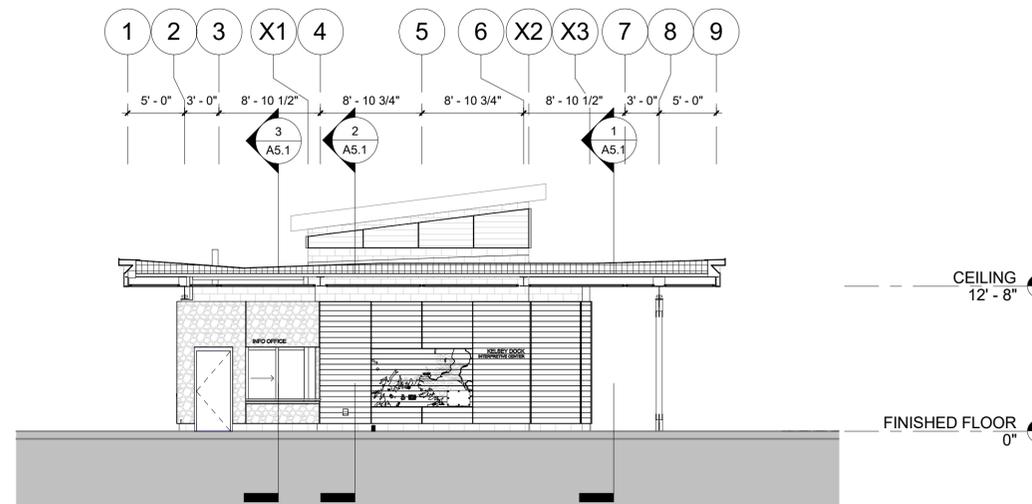
④ BUILDING SECTION N/S - 4
1/8" = 1'-0"



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

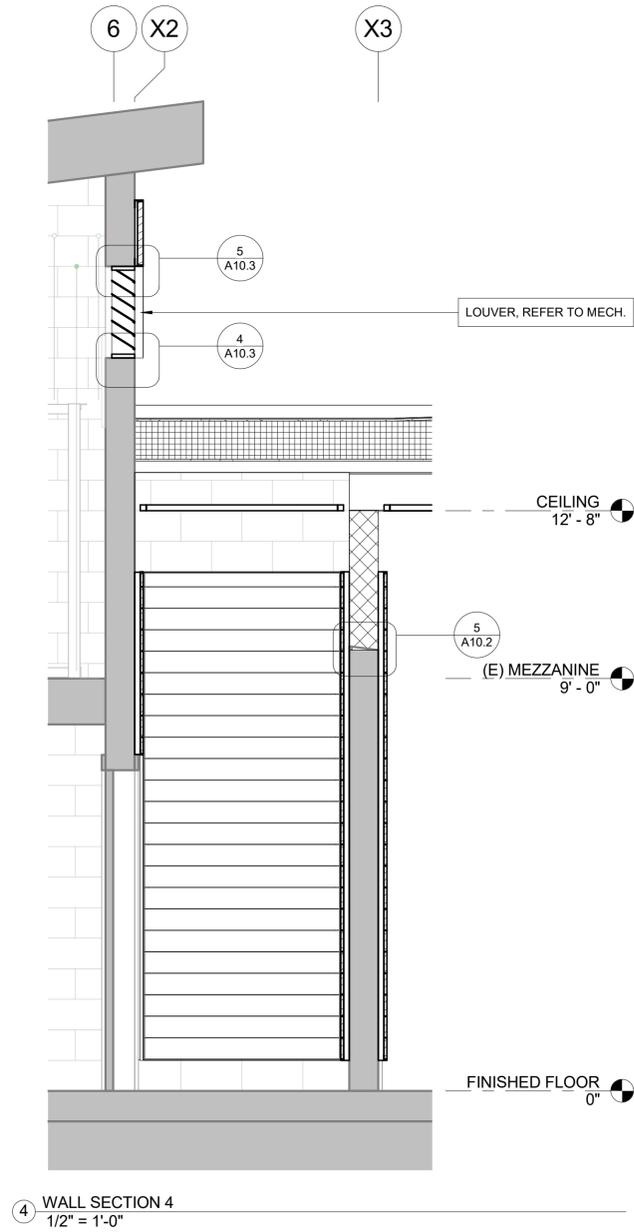


③ BUILDING SECTION N/S - 3
1/8" = 1'-0"

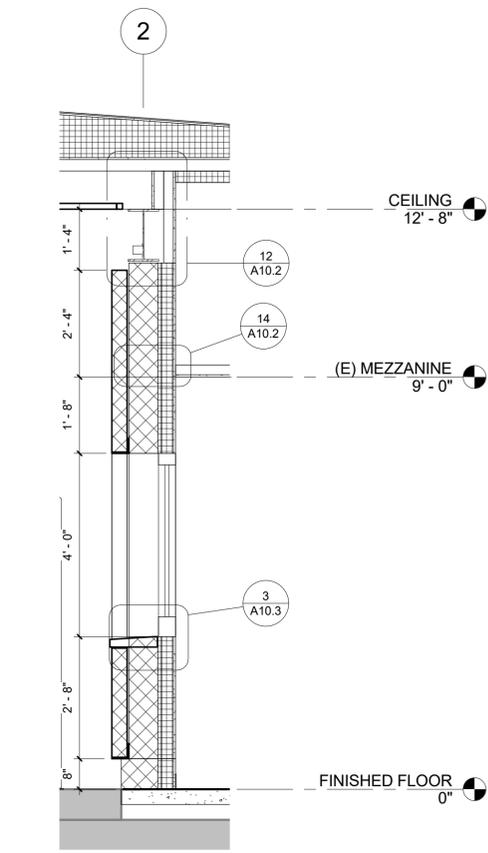


① BUILDING SECTION N/S - 1
1/8" = 1'-0"

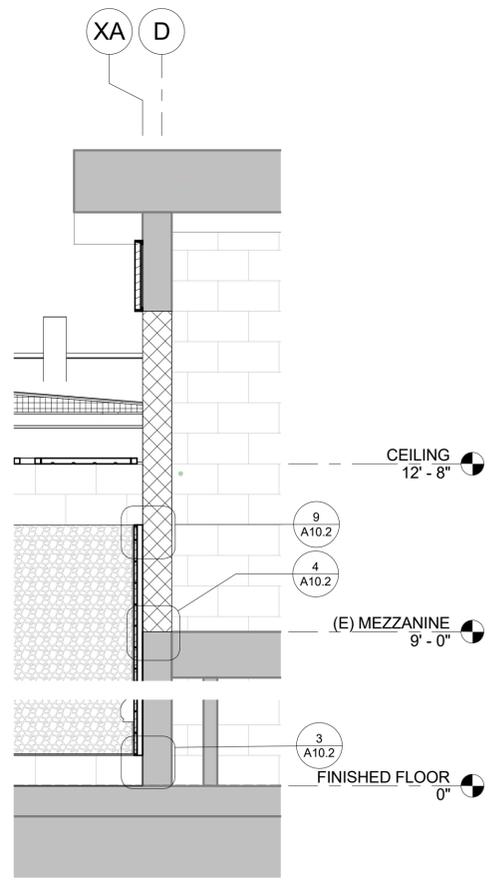




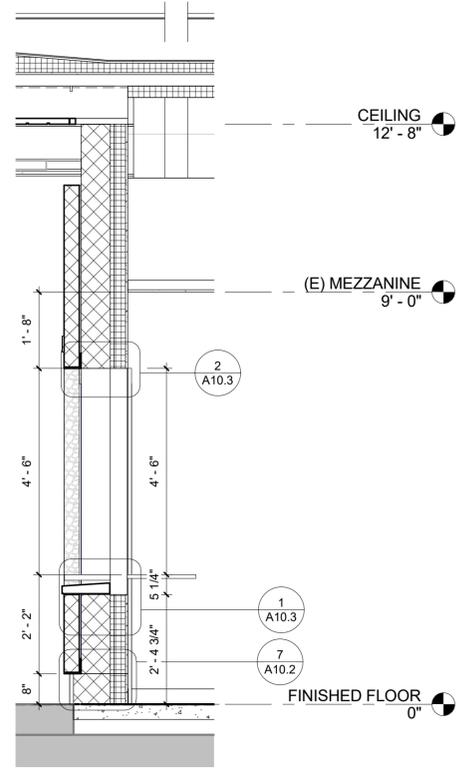
4 WALL SECTION 4
1/2" = 1'-0"



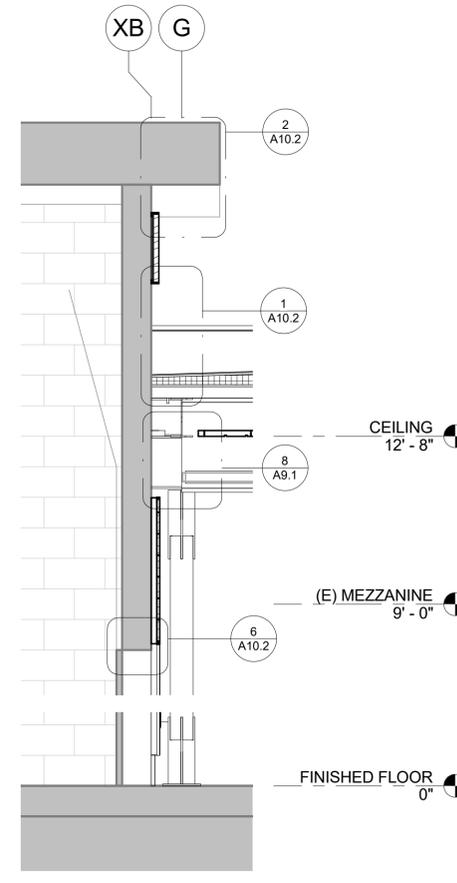
7 WALL SECTION 7
1/2" = 1'-0"



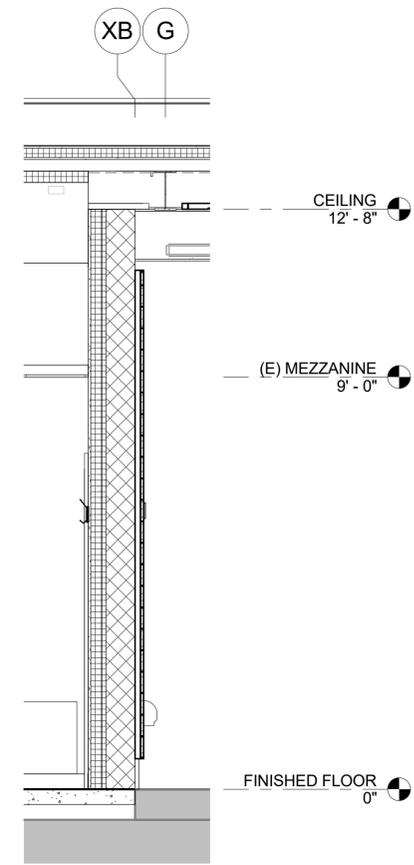
3 WALL SECTION 3
1/2" = 1'-0"



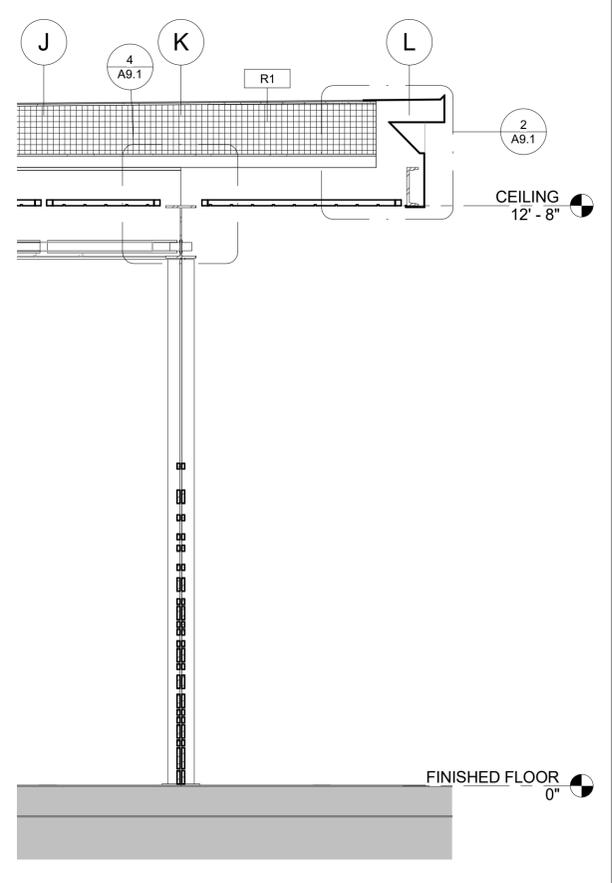
6 WALL SECTION 6
1/2" = 1'-0"



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

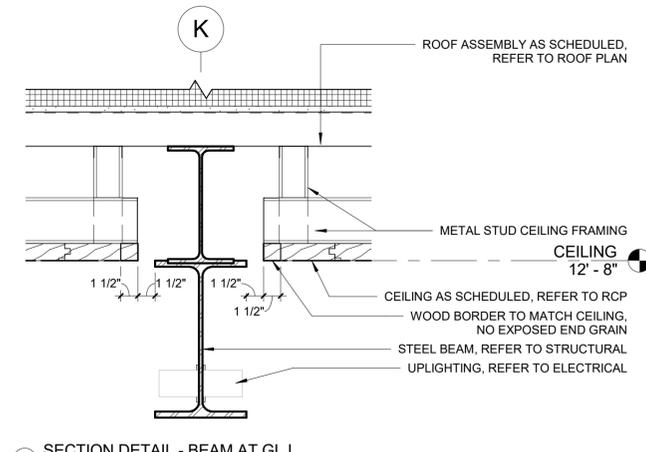
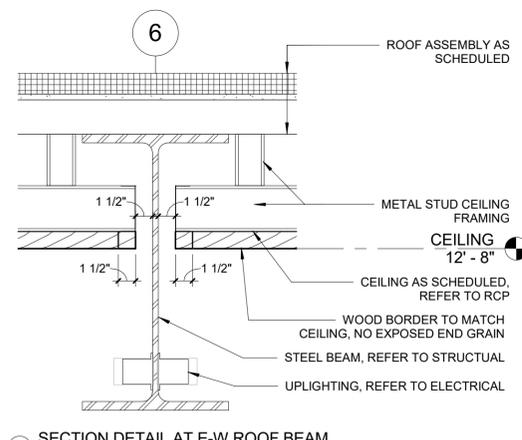
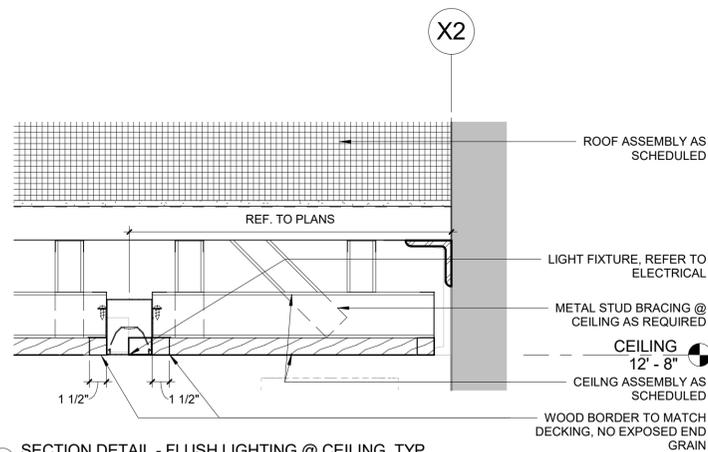


5 WALL SECTION 5
1/2" = 1'-0"



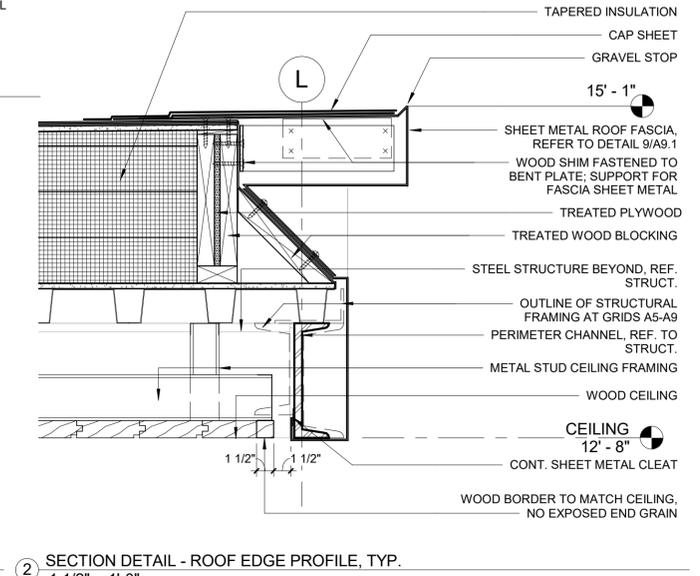
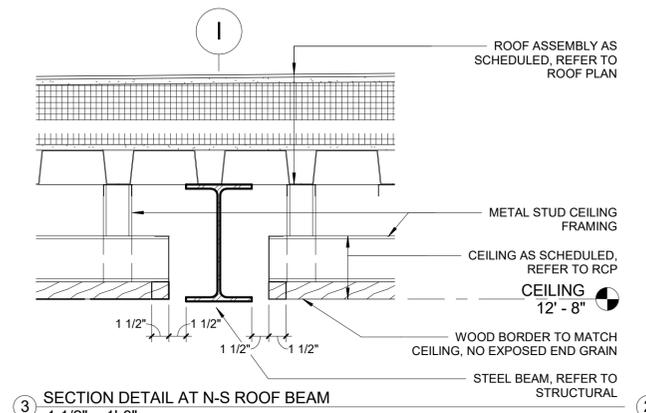
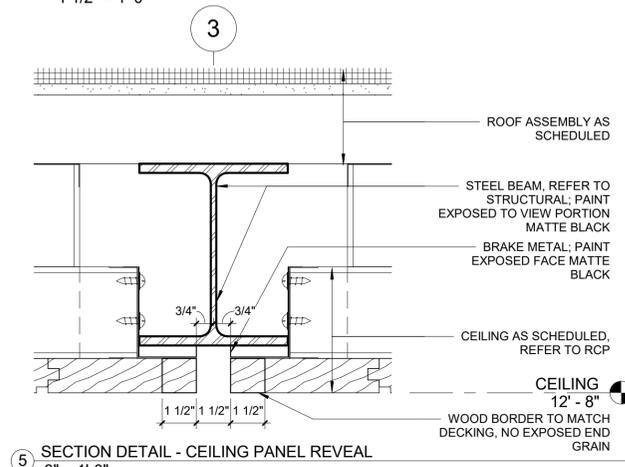
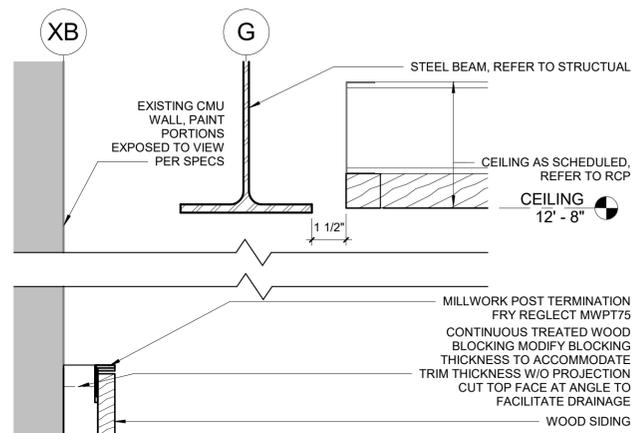
1 WALL SECTION 1
1/2" = 1'-0"



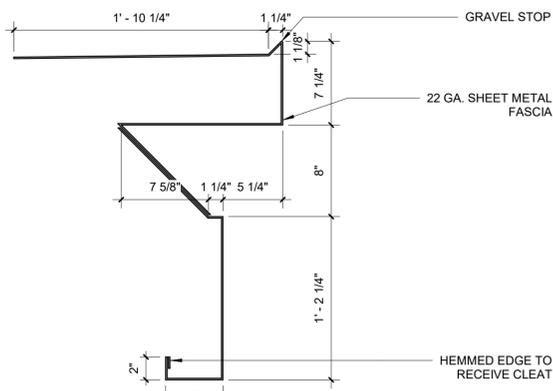


REFLECTED CEILING PLAN GENERAL NOTES

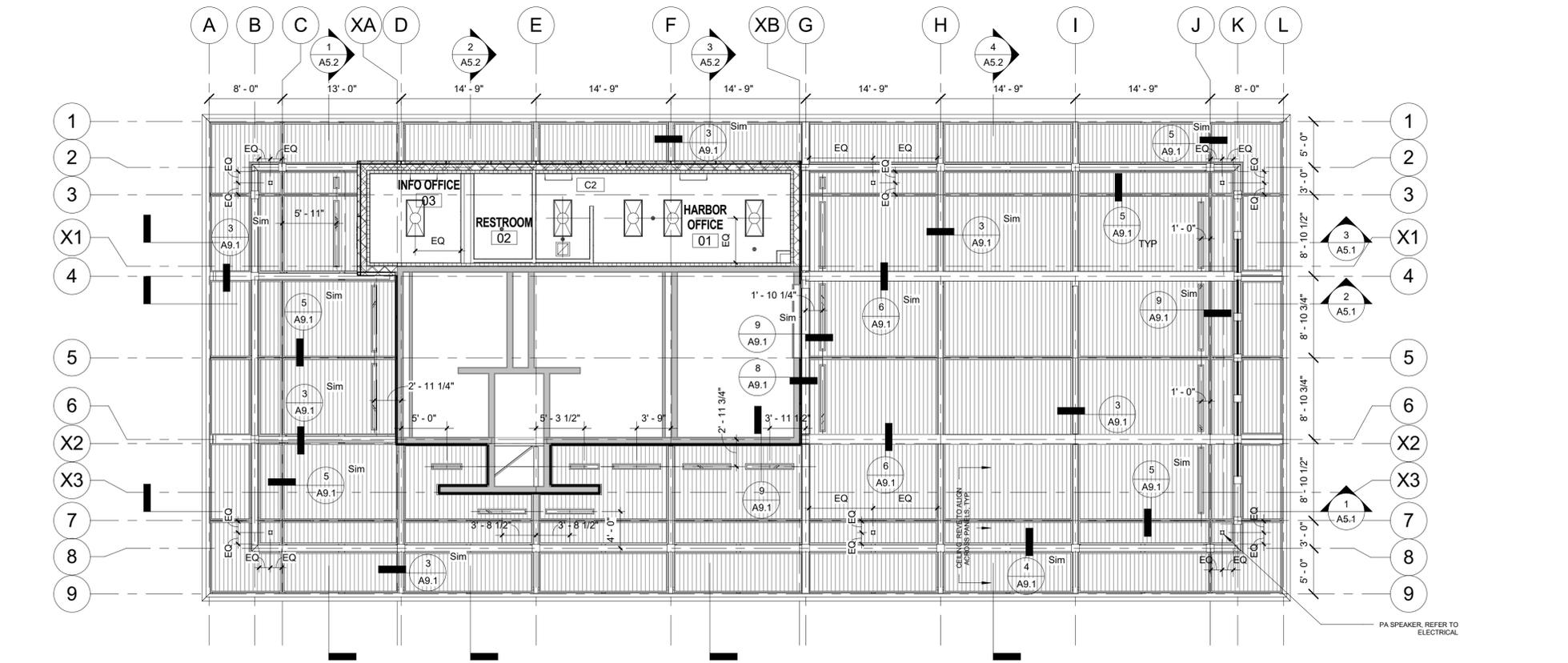
1. DIMENSIONS TO LIGHT FIXTURES ARE FROM GRIDLINE TO CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL FOR FIXTURE LENGTHS LIGHT FIXTURES TO BE CENTERED ON CEILING PANEL UNLESS OTHERWISE NOTED
3. CEILING REVEALS/CHANNEL GROOVE TO ALIGN ACROSS WIDTH N/S OF CEILING, REFER TO DRAWINGS FOR REVEAL LAYOUT



SECTION DETAIL - ROOF CANOPY TO EXTERIOR WALL AT G
3" = 1'-0"

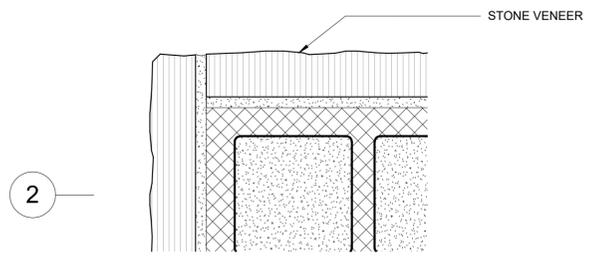


SECTION DETAIL - FASCIA DETAIL
1 1/2" = 1'-0"

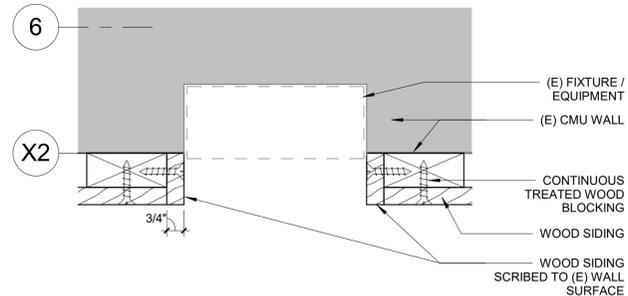


REFLECTED CEILING PLAN
1/8" = 1'-0"

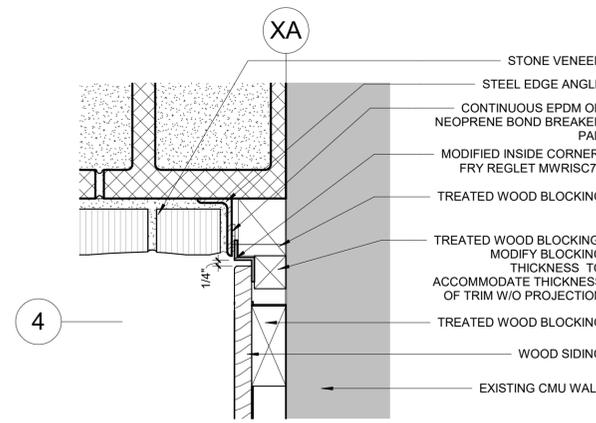




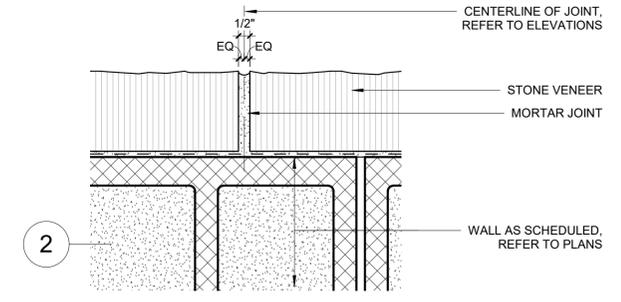
16 PLAN DETAIL - OUTSIDE CORNER @ STONE
3" = 1'-0"



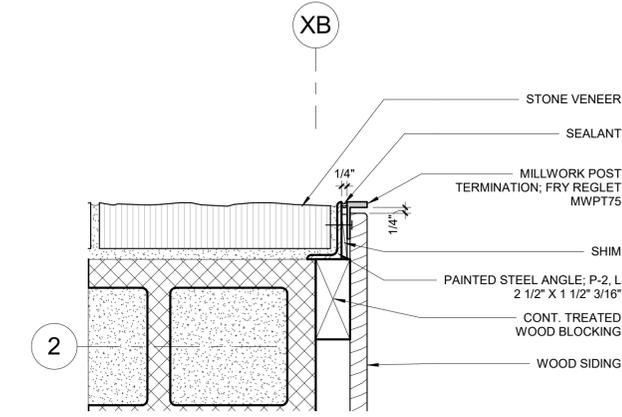
11 PLAN/SECTION DETAIL - OPENING @ WD SIDING, TYP.
3" = 1'-0"



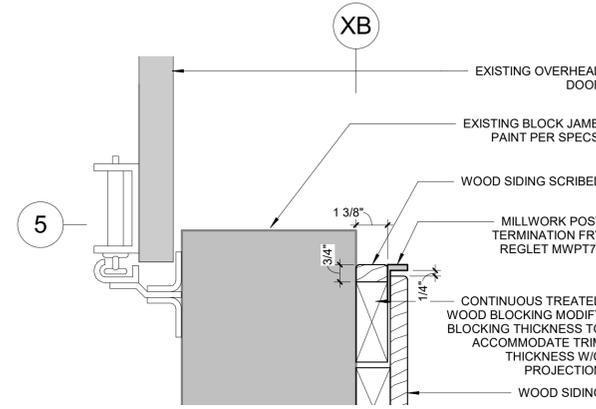
8 PLAN DETAIL INSIDE CORNER WOOD TO STONE
3" = 1'-0"



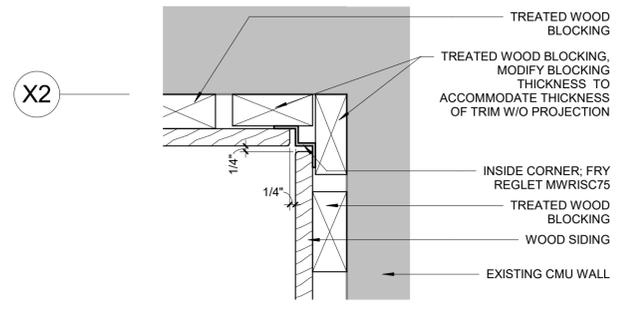
4 PLAN DETAIL - MASONRY JOINT, TYP.
3" = 1'-0"



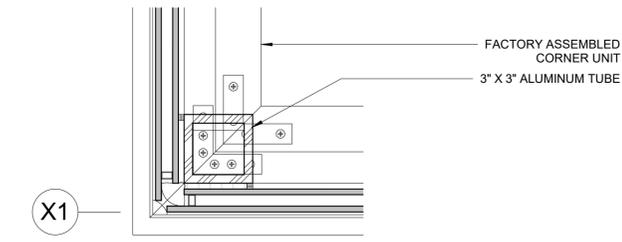
15 PLAN DETAIL - OUTSIDE CORNER @ WD/STONE
3" = 1'-0"



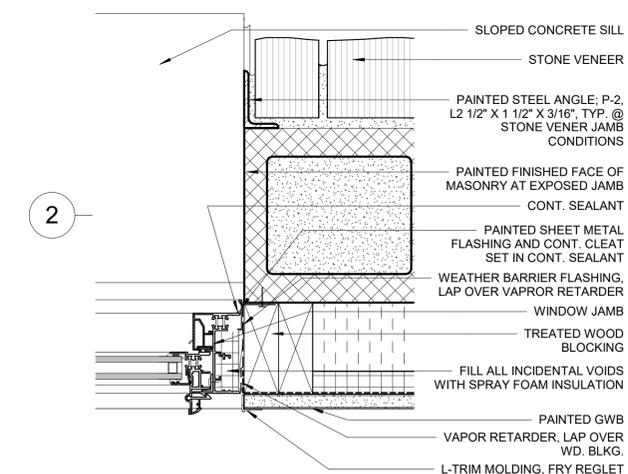
7 PLAN DETAIL - OH DOOR JAMB
3" = 1'-0"



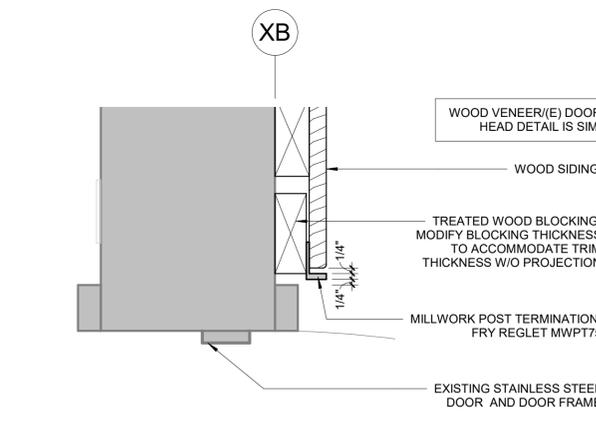
3 PLAN DETAIL - INSIDE CORNER WOOD PANELS
3" = 1'-0"



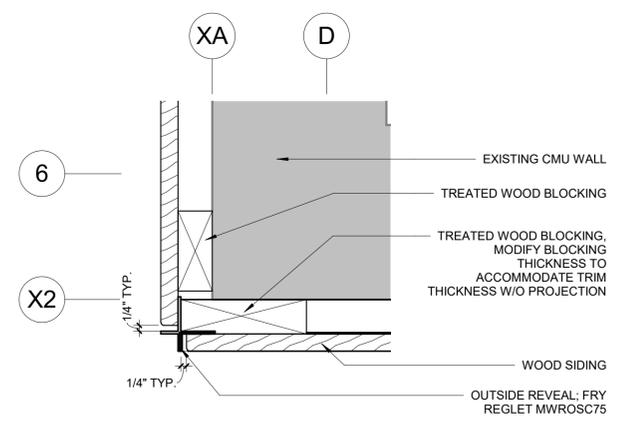
14 PLAN DETAIL CORNER AT SERVICE WINDOW
3" = 1'-0"



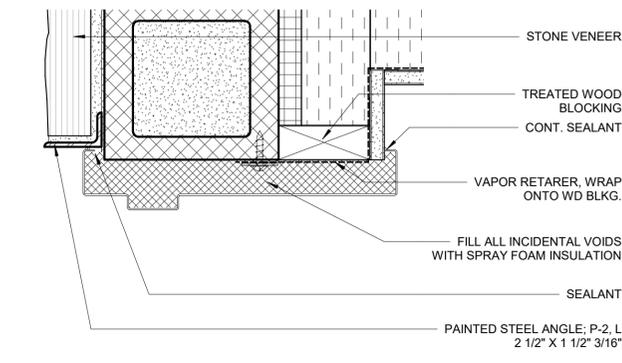
10 PLAN DETAIL - WINDOW JAMB
3" = 1'-0"



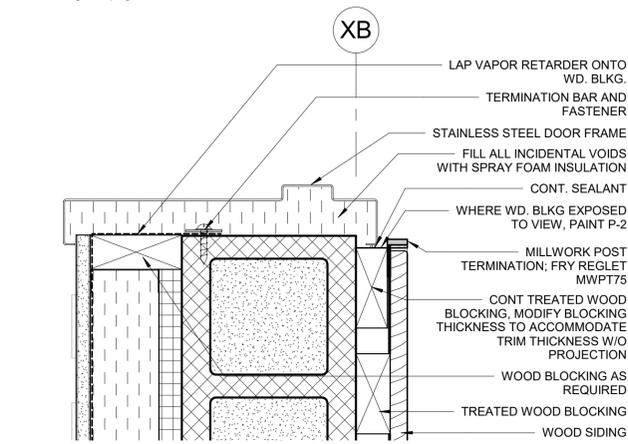
6 PLAN DETAIL - WD SIDNG @ (E) DOOR JAMB
3" = 1'-0"



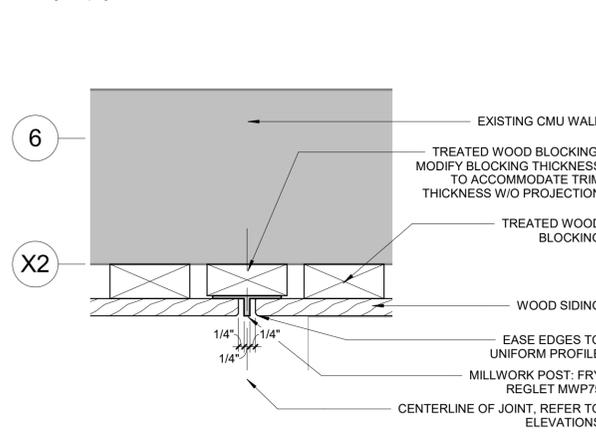
2 PLAN DETAIL - OUTSIDE CORNER WOOD PANELS
3" = 1'-0"



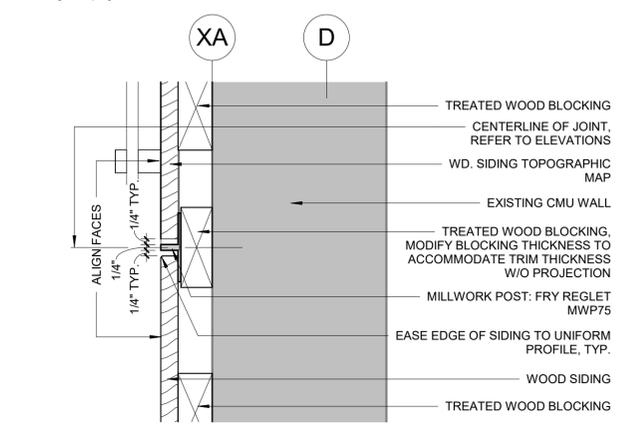
13 PLAN DETAIL DOOR JAMB AT INFO OFFICE
3" = 1'-0"



9 PLAN DETAIL - DOOR JAMB @ HARBOR OFFICE
3" = 1'-0"

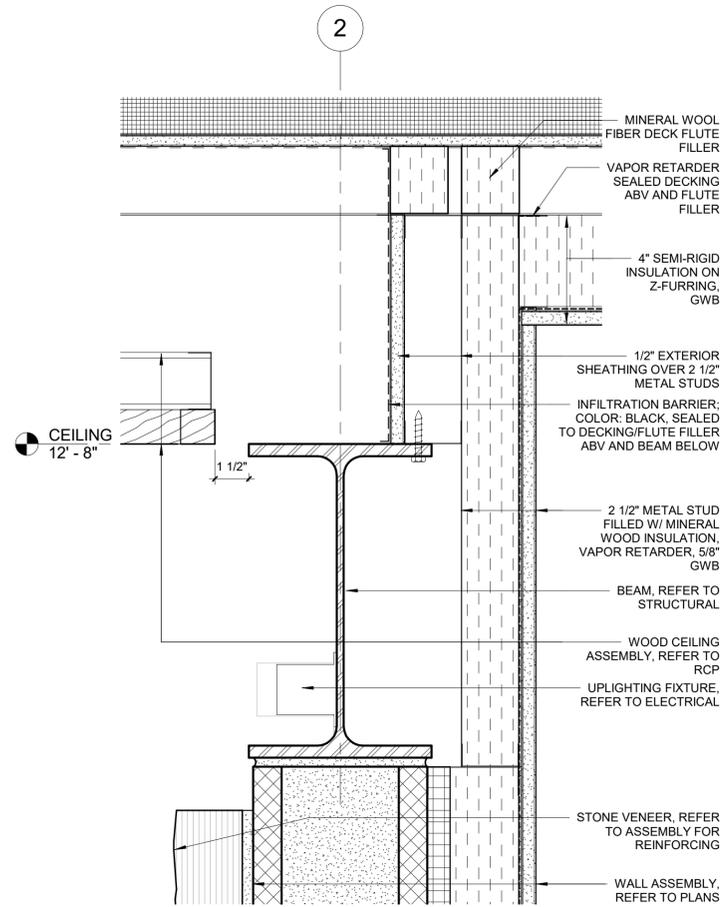


5 PLAN DETAIL - WOOD PANEL JOINT
3" = 1'-0"

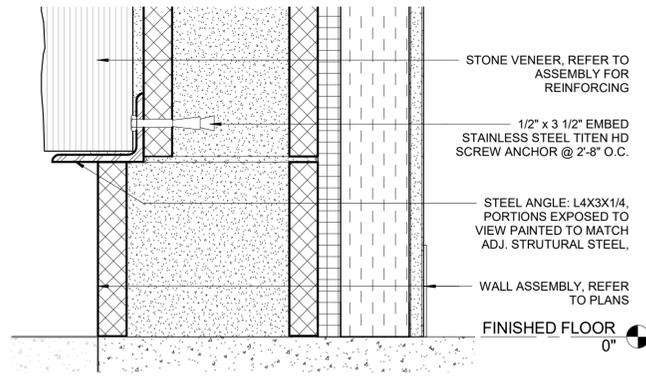


1 PLAN DETAIL - JOINT @ MAP PANEL
3" = 1'-0"

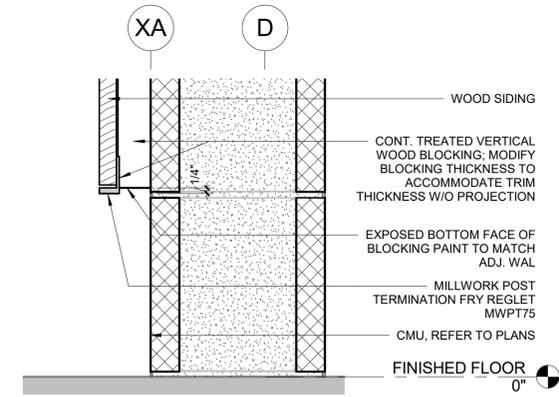




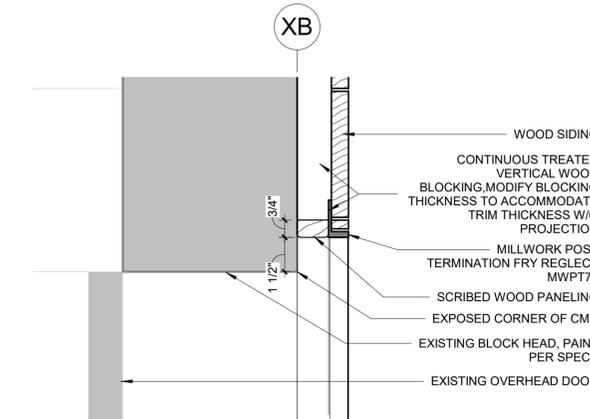
12 SECTION DETAIL - WALL/BEAM/ROOF JOINT
3" = 1'-0"



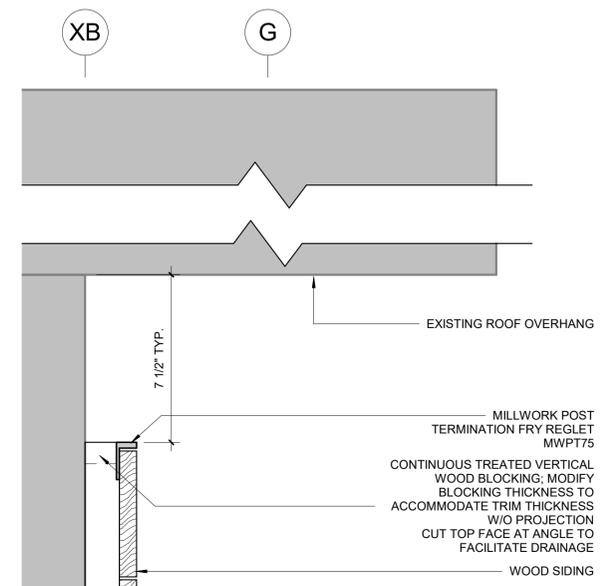
7 SECTION DETAIL - STONE VENEER BASE, TYP.
3" = 1'-0"



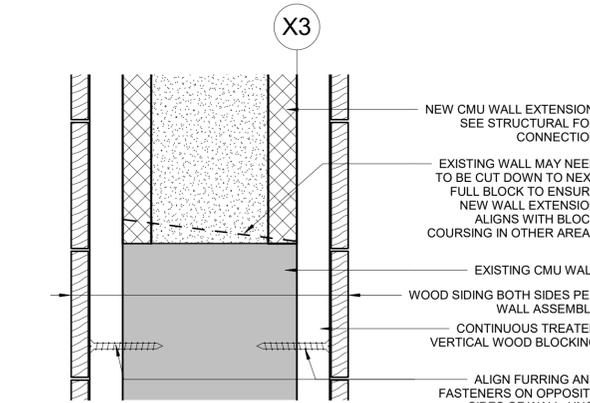
3 SECTION DETAIL - WOOD VENEER BASE, TYP.
3" = 1'-0"



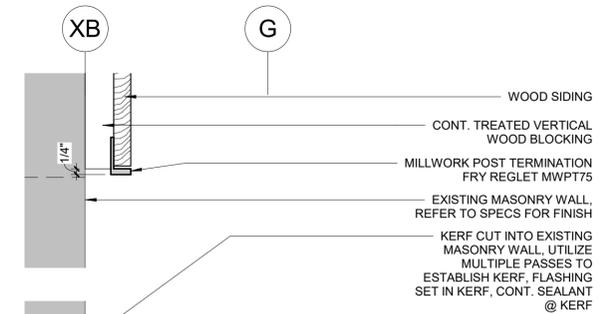
6 SECTION DETAIL - HEAD AT INTERIOR OH DOOR
3" = 1'-0"



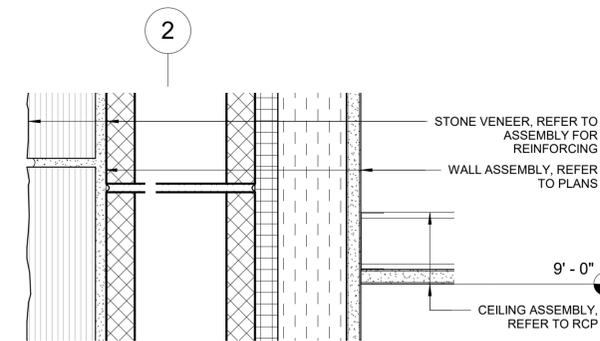
2 SECTION DETAIL - ROOF EAVE AT G
3" = 1'-0"



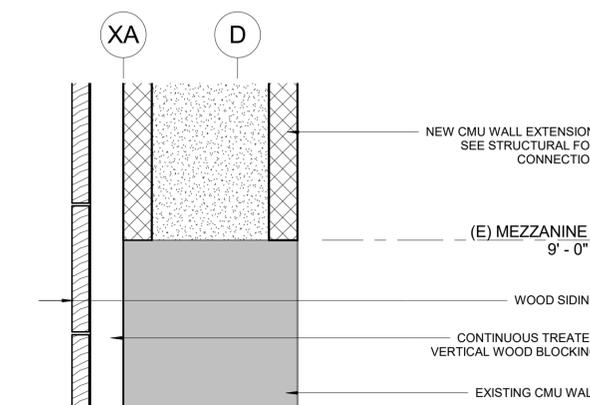
5 SECTION DETAIL - NEW WALL ABOVE EXISTING
3" = 1'-0"



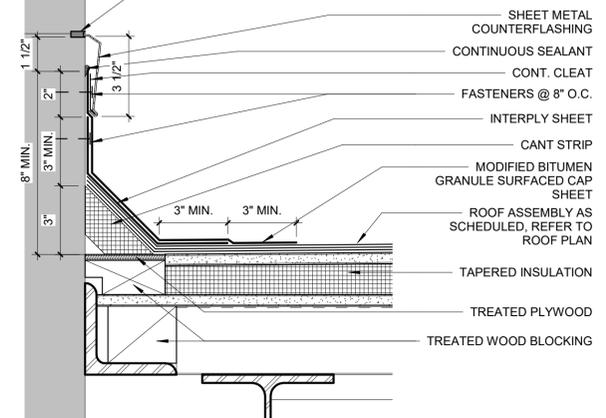
2 SECTION DETAIL - ROOF EAVE AT G
3" = 1'-0"



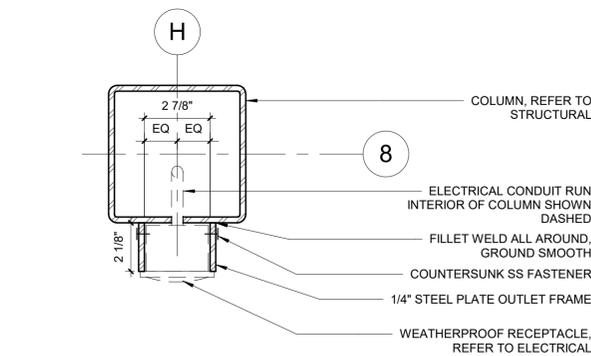
14 SECTION DETAIL - CEILING @ EXTERIOR WALL
3" = 1'-0"



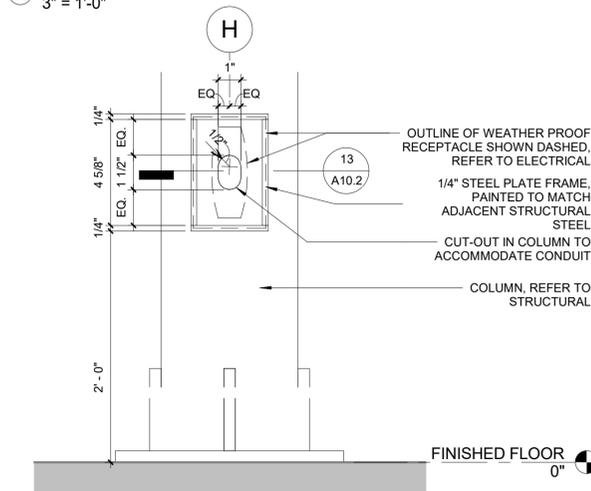
4 SECTION DETAIL - WALL OVER EXISTING
3" = 1'-0"



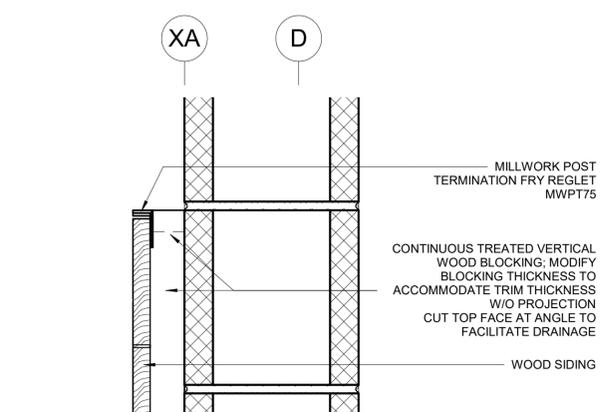
1 SECTION DETAIL - HEADWALL AT G
3" = 1'-0"



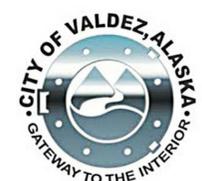
13 PLAN DETAIL - POWER @ COLUMN
3" = 1'-0"

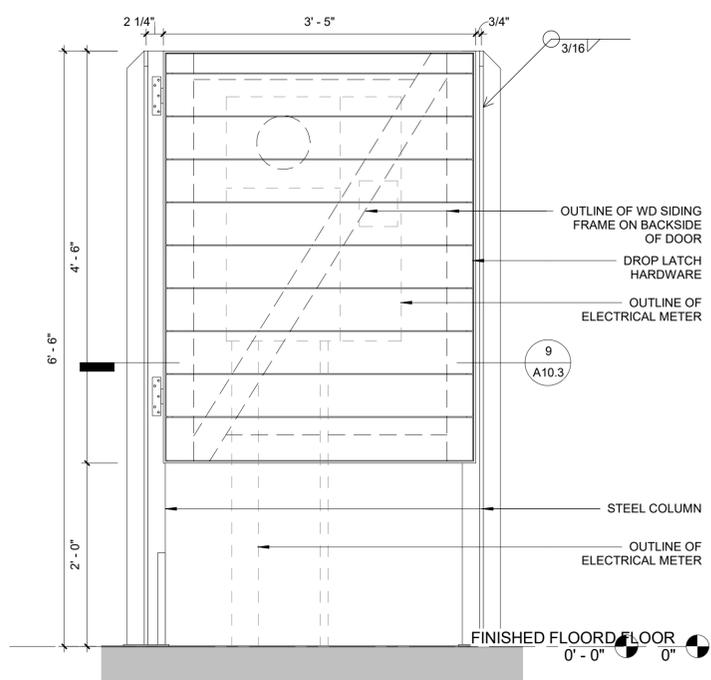


11 SECTION DETAIL - OUTLET @ COLUMN
3" = 1'-0"

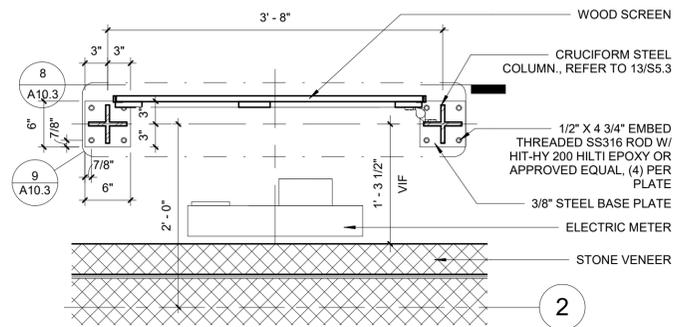


9 SECTION DETAIL - WOOD VENEER HEAD, TYP.
3" = 1'-0"

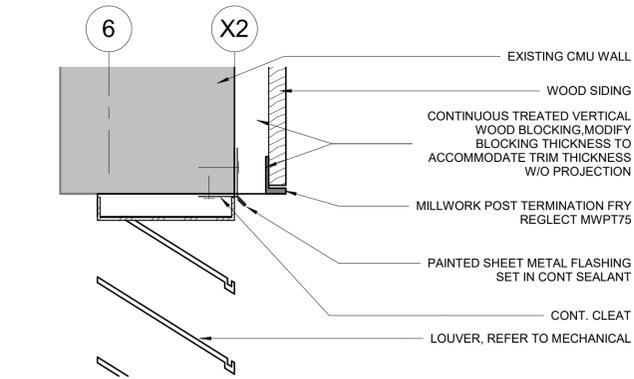




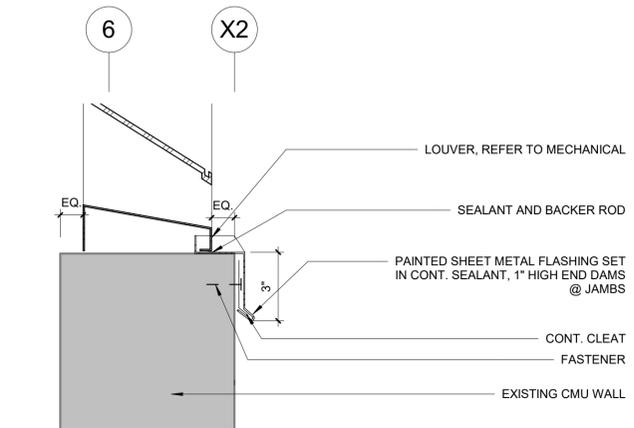
8 SECTION DETAIL - WOOD SCREEN ELEV.
1" = 1'-0"



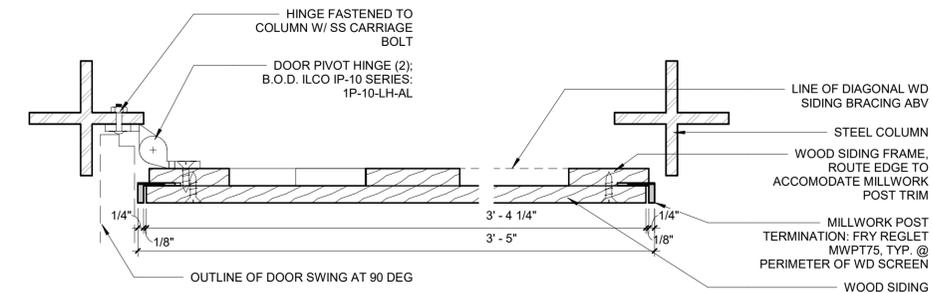
7 PLAN DETAIL - WOOD SCREEN
1" = 1'-0"



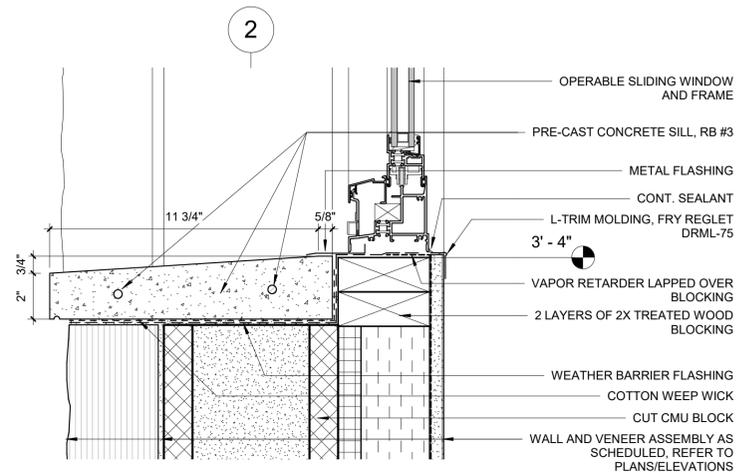
5 SECTION DETAIL - LOUVER HEAD, TYP.
3" = 1'-0"



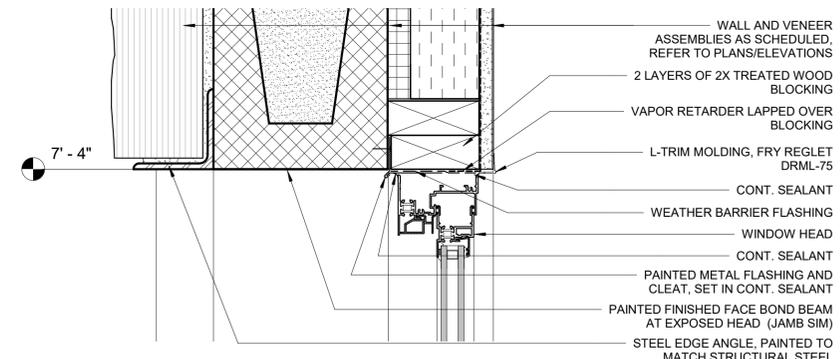
4 SECTION DETAIL - LOUVER SILL, TYP.
3" = 1'-0"



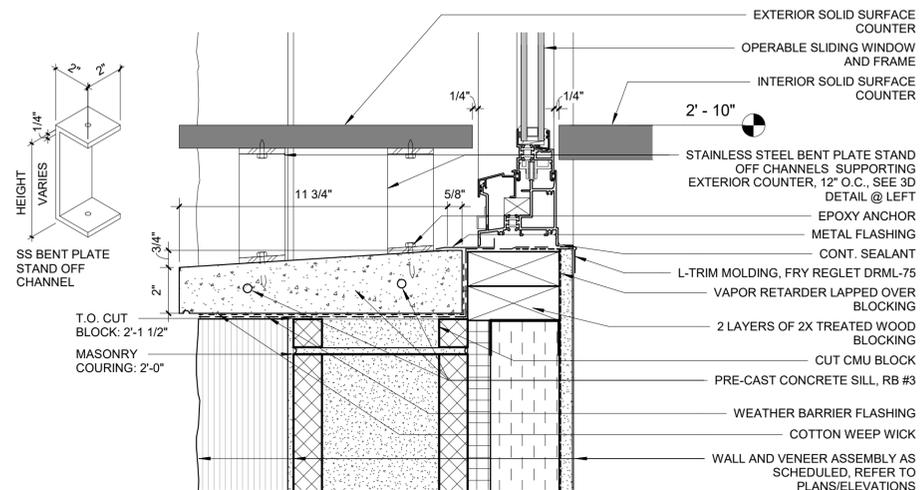
9 ENLARGED PLAN DETAIL - WOOD SCREEN
3" = 1'-0"



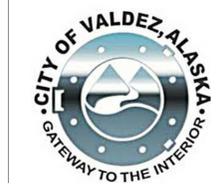
3 SECTION DETAIL - WINDOW SILL
3" = 1'-0"



2 HEAD DETAIL AT INFO COUNTER
3" = 1'-0"

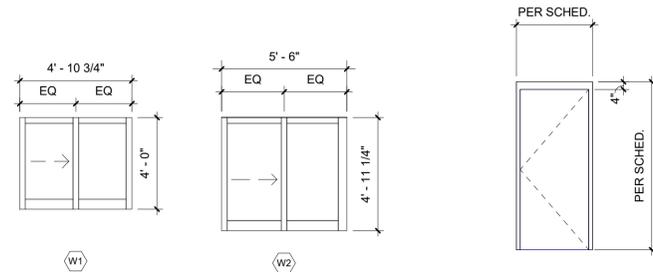


1 SILL DETAIL AT INFO COUNTER
3" = 1'-0"



DOOR SCHEDULE - NEW								
Mark	Width	Height	Thickness	Door Material	Door Finish	Frame Material	Hardware Group	Comments
03-1	3' - 0"	7' - 0"	2"	HM	P-2	SS	1.0	
02-1	3' - 0"	7' - 0"	2"	HM	P-2	SS	2.0	
02-2	3' - 0"	7' - 0"	2"	HM	P-2	SS	1.0	

DOOR SCHEDULE - EXISTING								
Mark	Width	Height	Thickness	Door Material	Door Finish	Frame Material	Hardware Group	Comments
E1	3' - 0"	7' - 0"	2"	(E)	P-2	(E)	N.A.	EXISTING DOOR TO BE RE-PAINTED
E2	3' - 0"	7' - 0"	2"	(E)	P-2	(E)	N.A.	EXISTING DOOR TO BE RE-PAINTED
E3	3' - 0"	7' - 0"	2"	(E)	P-2	(E)	N.A.	EXISTING DOOR TO BE RE-PAINTED
E4	3' - 4"	7' - 0"	2"	(E)	P-2	(E)	N.A.	EXISTING DOOR TO BE RE-PAINTED
E5	8' - 0"	8' - 0"	1 1/2"	(E)	P-2	(E)	N.A.	EXISTING DOOR TO BE RE-PAINTED



WINDOW TYPES
1/4" = 1'-0"

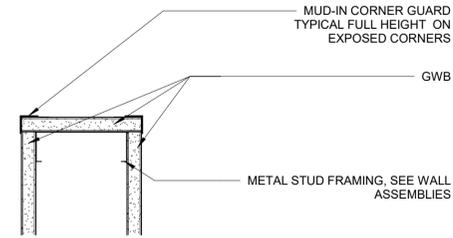
DOOR TYPES
1/4" = 1'-0"

ROOM FINISH SCHEDULE						
Number	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
01	HARBOR OFFICE	SC-1	RB-1	P-1	P-1	
03	INFO OFFICE	SC-1	RB-1	P-1	P-1	
02	RESTROOM	SC-1	RB-1	P-1	P-1	

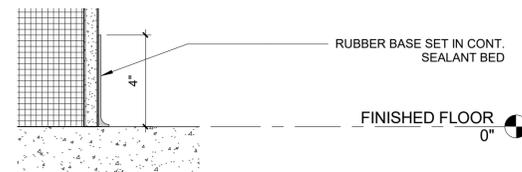
FINISH LEGEND

- SC-1: SEALED CONCRETE
- RB-1: RUBBER BASE, 4"H, ROPPE PINNACLE WALL BASE, STANDARD TOE, COLOR: TBD
- P-1: SW 7636 ORIGAMI WHITE
- P-2: SW GW7409 CUSTOM GREY
- P-3: TBD
- SS: STAINLESS STEEL

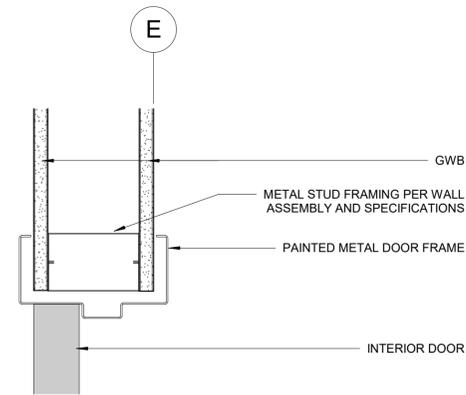
7 PLAN DETAIL - WALL END
3" = 1'-0"



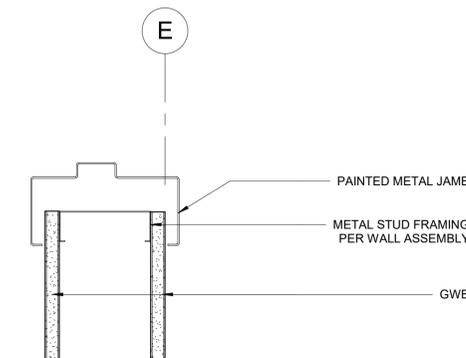
6 SECTION DETAIL - BASE DETAIL, TYP.
3" = 1'-0"



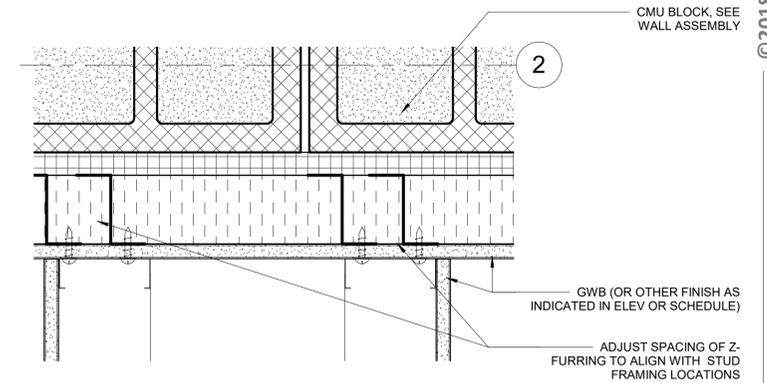
5 SECTION DETAIL - INTERIOR DOOR HEAD
3" = 1'-0"



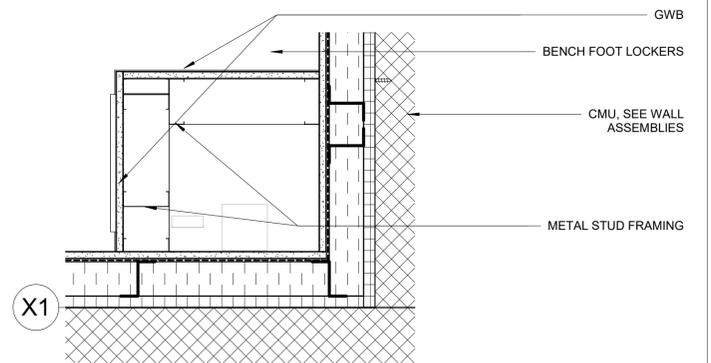
4 PLAN DETAIL - INTERIOR DOOR JAMB
3" = 1'-0"



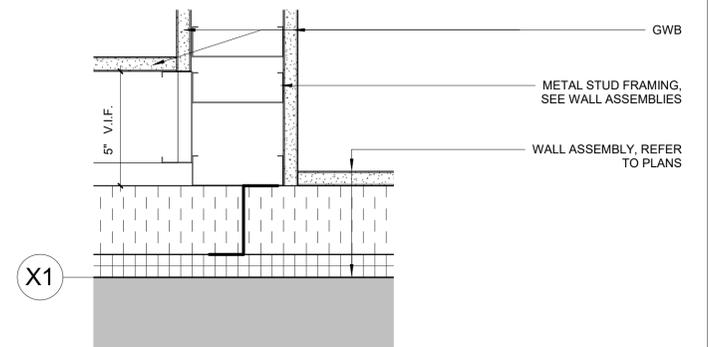
3 PLAN DETAIL - PERPENDICULAR WALL TO EXTERIOR AT D.5
3" = 1'-0"

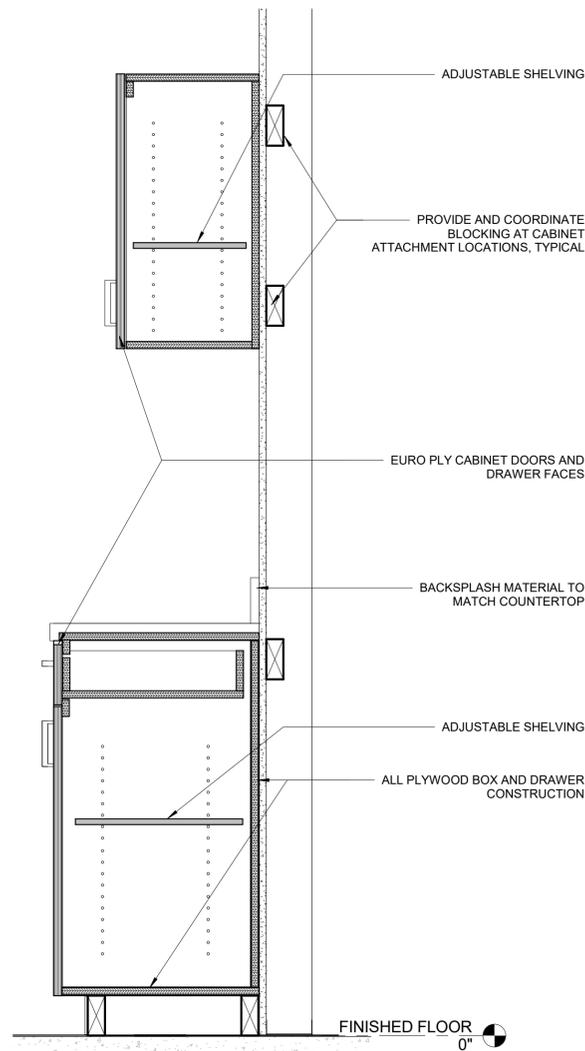


2 PLAN DETAIL - VERTICAL CHASE
1 1/2" = 1'-0"

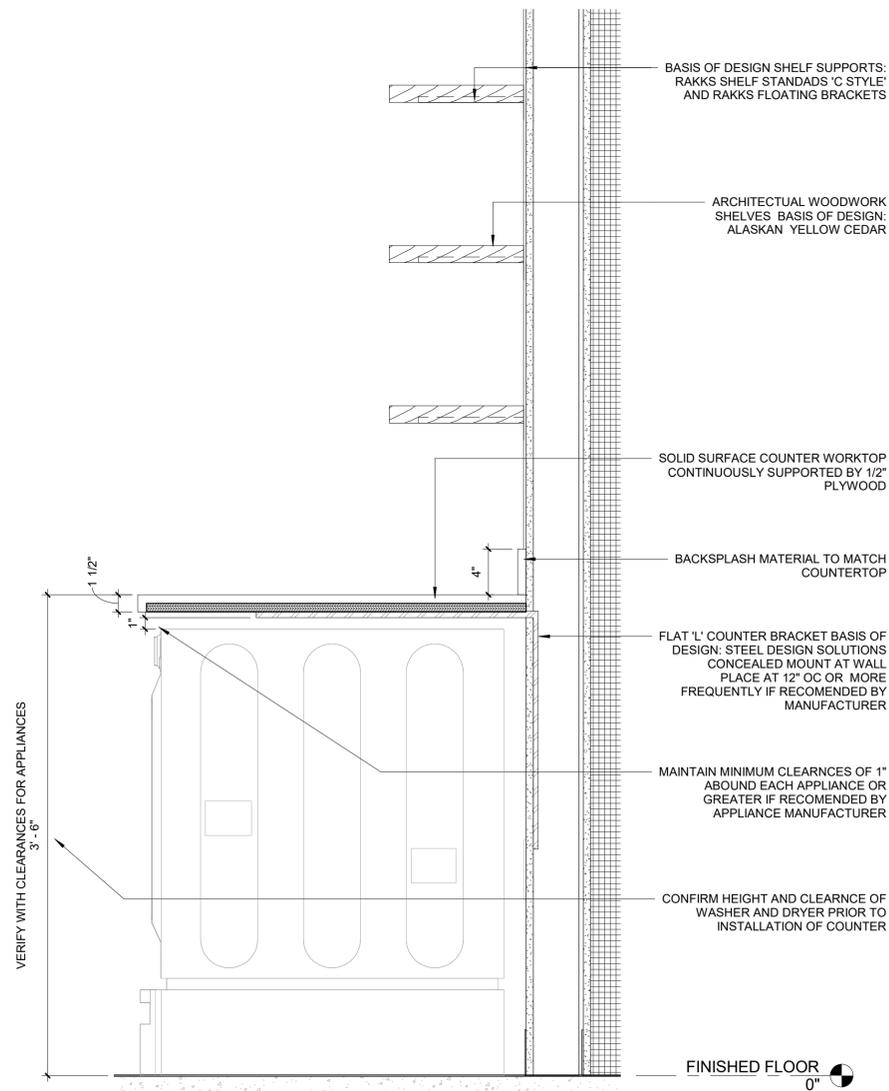


1 PLAN DETAIL - PERPENDICULAR INTERIOR WALL
3" = 1'-0"

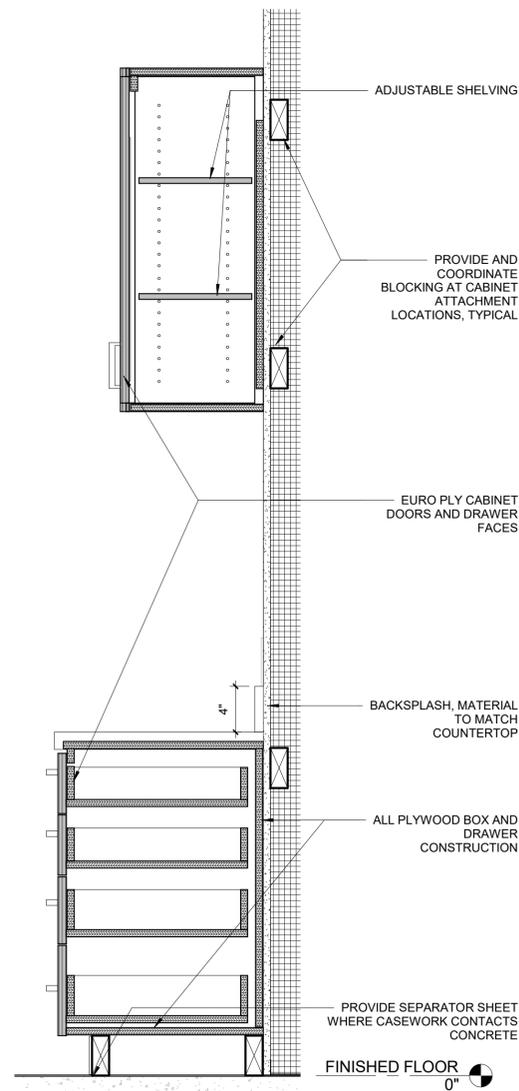




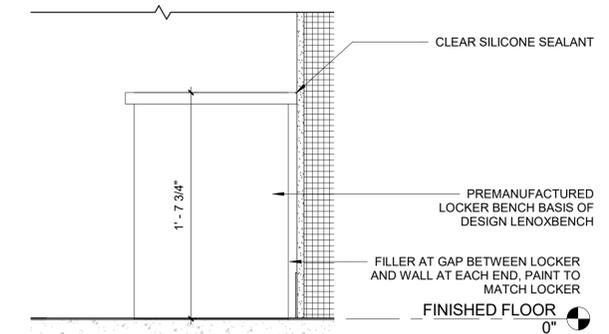
5 SECTION DETAIL - CASEWORK AT INFO OFFICE EAST
1 1/2" = 1'-0"



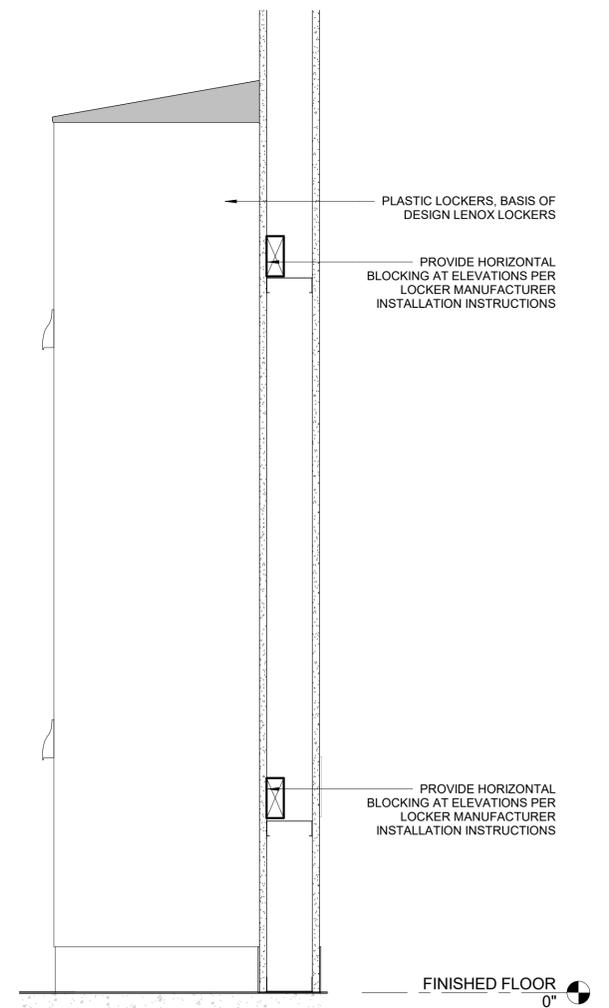
4 SECTION DETAIL AT WASHER/DRYER
1 1/2" = 1'-0"



3 SECTION DETAIL - CASEWORK AT HARBOR OFFICE SOUTH
1 1/2" = 1'-0"



2 SECTION DETAIL - CASEWORK HARBOR OFFICE EAST
1 1/2" = 1'-0"



1 SECTION DETAIL - LOCKERS
1 1/2" = 1'-0"



INTERIOR DETAILS - SECTION

AUTHOR: DPP
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO.:

CHECKED:
03.14.2018

A11.2

FULL SIZE PRINTED ON 22 x 34

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

CONSTRUCTION DOCUMENTS

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

© 2018 ECI, Inc.

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES:
- THE INTERNATIONAL BUILDING CODE (IBC) 2012 AND ITS REFERENCED STANDARDS, HEREIN REFERRED TO AS "THE CODE".
- PRIOR TO FABRICATION AND CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND DIMENSIONS ASSOCIATED WITH THE WORK. ALL OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO PROCEEDING WITH THE RELATED WORK.
- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS FOUNDATIONS, ETC. THE ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY IF ANY SUCH STRUCTURES ARE FOUND.
- THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LIVE LOADS.
- THESE CONTRACT DRAWINGS WERE PREPARED WITH THE ASSISTANCE OF OWNER PROVIDED INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING COMPLETELY FAMILIAR WITH ALL EXISTING CONDITIONS AND VERIFICATION OF EXISTING CONSTRUCTION, ELEVATIONS, AND DIMENSIONS. IF EXISTING CONDITIONS VARY FROM THE REQUIREMENTS OF THE CONTRACT, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER OF RECORD BEFORE WORK STARTS.

STRUCTURAL DESIGN DATA

- LOADS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODE ARE ALSO IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF IBC 2012 AS MODIFIED BY THE CITY OF VALDEZ.

LIVE LOADS:

ROOF 20PSF
OFFICES 50 PSF AND 20 PSF PARTITION

SNOW LOADS: IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODE

P_g = 160 lb/ft²
P_f = 121 lb/ft²
C_e = .9
C_t = 1.2
I = 1
P_s = 121PSF

WIND LOADS: IN ACCORDANCE WITH THE CODE.

BASIC WIND SPEED V = 137 MPH
WIND IMPORTANCE I = 1.00
OCCUPANCY CATEGORY II
WIND EXPOSURE CATEGORY EXPOSURE D
INTERNAL PRESSURE COEFFICIENT. . . G_{cpi} = ±0.18

COMPONENT AND CLADDING WIND PRESSURES (PSF)							
ZONE	<25sq. FT		25-100sq. FT		>100sq. FT		
1	45.1	-41.4	45.1	-41.4	45.1	-41.4	
2	67.7	-63.9	67.7	-63.9	45.1	-41.1	
3	90.2	-124.1	67.7	-63.9	45.1	-41.4	
ZONE	10sq. FT	20sq. FT	50sq. FT	100sq. FT			
4 MAIN WALL	30.8	-34.4	29.4	-32.0	27.6	-30.2	26.2 -28.8
5 EDGE WALL	30.8	-41.3	29.4	-38.6	27.6	-34.9	26.2 -32.0

COMPONENT & CLADDING ZONES SHALL BE PER FIGURE 30.8-3 IN ASCE 7-10. a=5ft

SEISMIC LOADS: BASED ON THE EQUIVALENT LATERAL FORCE PROCEDURE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODE.

SEISMIC IMPORTANCE FACTOR I = 1.0
OCCUPANCY CATEGORY II
SITE CLASS D
SHORT-PERIOD DESIGN ACCELERATION S₀₅ = 1.0g
1-SECOND DESIGN ACCELERATION S_{D1} = 0.77g
SEISMIC DESIGN CATEGORY D
RESPONSE MODIFICATION FACTOR R = 5 (SPECIAL CMU WALLS)

ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS

- ALL COMPONENTS SHALL BE ANCHORED TO THE BUILDING STRUCTURE. ANCHORAGE SHALL BE DESIGNED FOR ALL DESIGN CASES, INCLUDING SEISMIC, BY THE CONTRACTORS ENGINEER AND SUBMITTED TO THE ENGINEER FOR APPROVAL. DRAWINGS AND CALCULATIONS SHALL BE SEALED BY A REGISTERED ENGINEER IN THE STATE OF ALASKA.

FOUNDATION NOTES

- FOUNDATION DESIGN IS BASED ON THE AS-BUILT INFORMATION PROVIDED BY THE CITY OF VALDEZ.
- FOUNDATIONS & WALLS ARE DESIGNED BASED ON THE FOLLOWING INFORMATION:

ALLOWABLE BEARING PRESSURE*: 3000PSF**
COEFFICIENT OF FRICTION μ = 0.25

*VALUES MAY BE INCREASED BY 1/3 FOR WIND OR SEISMIC LOAD CASES

FOOTINGS SHALL BEAR ON FIRM NATURAL SOILS.
- ALL FOOTING SUBGRADES AS REQUIRED AND ALL SLAB SUBGRADES SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT. ALL BACKFILL AROUND AND ABOVE ALL FOUNDATION ELEMENTS, FOOTINGS, CAPS, MATS, WALLS AND PITS SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY.
- ALL ORGANIC AND/OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUBGRADE AND BACKFILL AREAS AND BACKFILLED WITH ACCEPTABLE GRANULAR FILL, COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY.
- CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADES BEFORE AND AFTER PLACING OF CONCRETE UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE.
- ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR GROUT HAS ATTAINED FULL DESIGN STRENGTH. CONTRACTORS SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL STRENGTH. CONTRACTOR SHALL PROVIDE FOR DESIGN, PERMITS AND INSTALLATION OF SUCH BRACING.
- THE CONCRETE FOR EACH ISOLATED FOOTING SHALL BE PLACED IN ONE (1) CONTINUOUS PLACEMENT.
- NO CONSTRUCTION SHALL COMMENCE UNTIL ALL SEASONAL FROST HAS THAWED OR BEEN REMOVED.

STRUCTURAL CONCRETE NOTES

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO CHP 19 OF THE CODE AND THE PROVISIONS IN ACI 318.
- SUITABLE CONCRETE MIXES SHALL BE PREPARED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE ENGINEER OF RECORD. CONCRETE SPECIFIED BY COMPRESSIVE STRENGTH SHALL BE PROPORTIONED ON THE BASIS DESCRIBED IN 1905.1.1 OF THE CODE.
- SCHEDULE OF CAST-IN-PLACE CONCRETE 28 DAY COMPRESSIVE STRENGTHS AND TYPES:

CONDITION	STRENGTH (PSI)	DENSITY (PCF)	W/C RATIO	AIR ENTRAINMENT
SLAB ON GRADE AND FOOTINGS	4500	150	0.45	4-7%

- PORTLAND CEMENT SHALL CONFORM TO ASTM STANDARD C-150 AND TYPE AS FOLLOWS:
TYPE I/III - TYPICAL USE IN WARM/COLD SEASON CONCRETE, RESPECTIVELY.
TYPE II/V - FOR USE IN MODERATE/HIGH SULFATE CORROSIVE SOILS.
- AGGREGATE FOR HARD-ROCK CONCRETE (150 PCF) SHALL CONFORM TO THE REQUIREMENTS AND TESTS OF ASTM C-33.
- ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN APPROVED AIR-ENTRAINING ADMIXTURE IN CONFORMANCE WITH ASTM C-260.
- ALL REINFORCING BARS SHALL BE DEFORMED BAR CONFORMING TO THE STANDARDS OF ASTM A615, GRADE 60.
- WHERE INDICATED ON PLANS, ALL WELDED WIRE FABRIC SHALL CONFORM TO THE STANDARDS OF ASTM A185. A MINIMUM 8 INCH LAP SHALL BE PROVIDED FOR SIDE AND END LAPS. WELDED WIRE FABRIC SHALL BE SUPPORTED ON APPROVED CHAIRS.
- ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OF THE LATEST EDITION OF CHP 19 OF THE CODE, ACI 318 AND THE "ACI DETAILING MANUAL: DETAILS AND DETAILING CONCRETE REINFORCEMENT", ACI 315.
- CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION.

- REINFORCING BAR SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS. STAGGER ALL SPLICES UNLESS NOTED OTHERWISE ON PLANS.
- DESIGN, REMOVAL AND RESHORING OF FORMWORK SHALL BE IN ACCORDANCE WITH ACI 318, CHP 6.
- WHERE REQUIRED, DOWELS SHALL MATCH SIZE AND NUMBER OF MAIN REINFORCING.
- MAXIMUM SLUMP SHALL BE 4 INCHES, UNO.
- MINIMUM CONCRETE COVER SHALL BE:
a. 3" FOR CONCRETE CAST AGAINST THE EARTH.
b. 1 1/2" FOR BARS EXPOSED TO WEATHER AND BEAMS AND COLUMNS.
c. 3/4" FOR SLABS.
- FOR COLD-WEATHER PLACEMENT (WHEN TEMPERATURE IS EXPECTED TO FALL BELOW 40 DEGREES F FOR THREE CONSECUTIVE DAYS), COMPLY WITH ACI 306.1 DO NOT USE FROZEN MATERIALS, MATERIALS CONTAINING ICE OR SNOW, OR CALCIUM CHLORIDE, SALT, OR OTHER MATERIALS CONTAINING ANTIFREEZE AGENTS OR CHEMICAL ACCELERATORS. A TEMPERATURE OF 50 DEGREES F MUST BE MAINTAINED DURING CURING VIA USE OF TENTING OR OTHER ACCEPTABLE ENCLOSURES. CONCRETE (OTHER THAN HIGH-EARLY-STRENGTH) SHALL BE MAINTAINED ABOVE 50 DEGREES F AND IN A MOIST CONDITION FOR AT LEAST THE FIRST 7 DAYS AFTER PLACEMENT. HIGH-EARLY-STRENGTH CONCRETE SHALL BE MAINTAINED ABOVE 50 DEGREES F AND IN A MOIST CONDITION FOR AT LEAST THE FIRST 3 DAYS.

STRUCTURAL STEEL NOTES

- ALL STRUCTURAL STEEL SHALL BE CONSISTENT WITH THE FOLLOWING STANDARDS:
STRUCTURAL WF (F_y=50ksi) ASTM A992
STRUCTURAL HSS TUBES (F_y=46ksi) ASTM A500, GRADE B
STRUCTURAL STEEL PIPE (F_y=35ksi) ASTM A53, GRADE B
STEEL PLATES, ANGLES, CHANNELS
& MISC (F_y=36ksi) ASTM A36
- ALL VISIBLE STRUCTURAL STEEL SHALL BE AN ARCHITECTURALLY EXPOSED STEEL FEATURE ELEMENT.
- ALL BOLTS, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325 OR A490. ALL BOLTS SHALL BE 3/4 INCH DIAMETER, UNO.
- ALL WELDING ELECTRODES SHALL BE E70XX.
- ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO AISC SPECIFICATIONS AND CODES, LATEST EDITION.
- ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE AWS "D1.1 STRUCTURAL WELDING CODE-STEEL", LATEST EDITION.
- THE FABRICATOR/ERECTOR SHALL SUBMIT TO THE ENGINEER, FOR REVIEW, ENGINEERED AND CHECKED DRAWINGS SHOWING SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS AND ERECTION DIAGRAMS FOR ALL STRUCTURAL STEEL.
- ALL CONNECTIONS SHALL BE SIMPLE SHEAR CONNECTIONS USING HIGH-STRENGTH BOLTS IN BEARING TYPE CONNECTIONS WITH THREADS EXCLUDED FROM THE SHEAR PLANE IN SINGLE SHEAR, UNO.
- WHERE BOLTED CONNECTION ARE NOT REQUIRED BY DESIGN THE CONTRACTOR SHALL PROVIDE A MINIMUM OF (2) BOLTS PER CONNECTION.
- ALL BEAMS, JOISTS AND TRUSSES SHALL BE FABRICATED AND ERECTED WITH THE REQUIRED CAMBER UP. PROVIDE CAMBERS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES WITH RELATION TO TEMPERATURE DIFFERENTIALS, ESPECIALLY WITH RESPECT TO STRUCTURAL STEEL FRAMING INTO CONCRETE WALLS, BEAMS OR COLUMNS.
- THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT PRIOR APPROVAL OF THE ENGINEER OF RECORD.
- STEEL PAINTING: ALL STEEL SHALL BE CLEANED BY METHODS COMPLYING WITH THE STEEL STRUCTURES PAINTING COUNCIL. REMOVE OIL, GREASE, AND SIMILAR CONTAMINANTS. EXCEPT FOR MEMBERS TO BE WELDED, APPLY STRUCTURAL STEEL PRIMER PAINT IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AT A RATE TO PROVIDE A UNIFORM DRY FILM THICKNESS OF 2.0 MILS. AFTER FINAL STEEL INSTALLATION, WIRE BRUSH EXPOSED STEEL SURFACES AND CLEAN WITH SOLVENTS BEFORE TOUCH-UP PAINTING. TOUCH-UP PAINT SHALL BE THE SAME AS SHOP PAINT. SEE ARCHITECTURAL FOR STEEL FINISH PAINT SYSTEM.
- ALL EXTERIOR STEEL SHALL BE HOT DIPPED GALVANIZED.

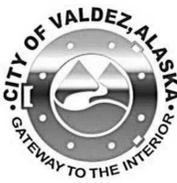
- ALL EXTERIOR BOLTS SHALL BE HOT DIPPED GALVANIZED UNO.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL STEEL MEMBERS, PLATES AND CONNECTION HARDWARE INCLUDING COATING. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- ALL STEEL FABRICATED OFF SITE SHALL BE FABRICATED BY A QUALIFIED FABRICATOR THAT PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC-CERTIFIED PLANT, CATEGORY STD.

STRUCTURAL MASONRY NOTES

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE NATIONAL CONCRETE MASONRY ASSOCIATION AND THE STRUCTURAL CLAY PRODUCTS INSTITUTE.
- MATERIALS:
a. SOLID LOAD BEARING CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT BLOCK AND CONFORM TO ASTM C90, GRADE N CLASSIFICATION.
b. SAND AGGREGATES SHALL BE CLEAN, ANGULAR, WELL-GRADED AND FREE FROM DETRIMENTAL AMOUNTS OF DUSTS, LUMPS, SHALE AND ALKALI OR ORGANIC MATERIAL. REFER TO ASTM C144 FOR MORTARS AND ASTM C404 FOR GROUTS.
c. MORTAR SHALL BE TYPE S CONFORMING TO ASTM C270 WITH PROPORTIONS BY VOLUME OF 1:1/4:3 FOR PORTLAND CEMENT, HYDRATED LIME AND AGGREGATE, RESPECTIVELY.
d. GROUT SHALL CONFORM TO ASTM C476 CONSISTING OF PROPORTIONS BY VOLUME OF 1:2 1/4:3:1:2 FOR PORTLAND CEMENT, SAND AGGREGATE AND PEA GRAVEL, RESPECTIVELY.
e. REINFORCING STEEL SHOULD CONFORM TO ASTM A615 OR A706, GR 60. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI STANDARD OF PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
- ALL CELLS SHALL BE GROUTED SOLID.
- CLEANOUTS ARE REQUIRED AT ALL CELLS TO RECEIVE GROUT TO THOROUGHLY INSPECT FOR AND CLEAR DEBRIS.
- ALL GROUT POURS SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION.
- ALL GROUT LIFTS SHALL BE LIMITED TO 5FT IN 4 HOUR INCREMENTS, UNLESS THE CONDITIONS OF ACI 530.1 3.5D HAVE BEEN MET.
- CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY BRACING, AS REQUIRED, DURING CONSTRUCTION TO WITHSTAND LATERAL LOADS AND THE HYDROSTATIC PRESSURES OF FLUID GROUT.
- ALL CMU WALLS SHALL HAVE CONTROL JOINTS WHERE INDICATED ON THE DRAWINGS.
- ALL MASONRY CONSTRUCTION SHALL BE PLACED IN 1/2 UNIT RUNNING BOND, UNO. USE CLOSED-END UNITS AT CORNERS, OPENING AND END-WALLS.
- FOR CMU CONSTRUCTION DESIGN f'_m = 1500 PSI OR 2500PSI, PRISM TESTING MUST BE PERFORMED IN ACCORDANCE WITH SECTION 2105.2.2.2 OF THE CODE. IN LIEU OF PRISM TESTING THE CONTRACTOR MAY OPT TO PROVIDE CONFORMANCE OF THE MASONRY UNIT, GROUT AND MORTAR STRENGTHS IN CONFORMANCE WITH SECTION 2105.2.2.1.2 OF THE CODE. THE MINIMUM UNIT STRENGTHS OF THE GROUT AND MASONRY UNITS MUST MEET THE FOLLOWING REQUIREMENTS:

MINIMUM UNIT COMPRESSIVE STRENGTH (PSI)			
f' _m (PSI)	MASONRY UNITS	GROUT	TYPE S MORTAR
1500	1900	1800	2000

SHEET INDEX - STRUCTURAL	
NUMBER	SHEET NAME
S1.1	GENERAL NOTES
S1.2	GENERAL NOTES
S1.3	SPECIAL INSPECTIONS
S2.1	CANOPY PLANS
S3.1	FOUNDATION DETAILS
S4.1	WALL ELEVATIONS
S5.1	CMU DETAILS
S5.2	FRAMING DETAILS
S5.3	FRAMING DETAILS
S5.4	FRAMING DETAILS



(GENERAL NOTES CONTINUED)

POST-INSTALLED CONCRETE ANCHOR NOTES

1. THE SPECIFIC MANUFACTURER, SIZE AND EMBEDMENT OF POST-INSTALLED ANCHORS SHALL BE PROVIDED AS INDICATED ON THE PLANS. ANY SUBSTITUTION OF BRAND, TYPE OR SIZE SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL.
2. ALL POST-INSTALLED ANCHORS SHALL MEET MINIMUM EMBEDMENT, EDGE DISTANCE AND SPACING REQUIREMENTS AS DIRECTED IN THE APPLICABLE ICC-ES REPORT.
3. WHEN PLACING EXPANSION ANCHORS IN EXISTING CAST-IN-PLACE STRUCTURAL CONCRETE OR CMU (DECKS, COLUMNS, WALLS, ETC.) THE CONTRACTOR SHOULD USE CAUTION TO NOT CUT OR DAMAGE EXISTING REINFORCING STEEL.
4. THE CONTRACTOR MAY NOT SUBSTITUTE CAST-IN-PLACE BOLTS AND RODS WITH POST-INSTALLED ANCHORS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD.
5. USE HOT-DIPPED GALVANIZED OR STAINLESS ANCHORS WHEN EXPOSED TO EXTERIOR OR DAMP CONDITIONS, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
6. ANCHORS SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH THE CODE SECTION 1704.15 AND THE APPLICABLE ICC-ES REPORT.
7. ALL TESTING IS TO BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR OF RECORD.

STRUCTURAL STEEL DECK NOTES

1. METAL DECK SECTION PROPERTIES SHALL BE COMPUTED IN ACCORDANCE WITH AISI "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS."
2. ALL METAL DECKING SHALL BE FABRICATED FROM STEEL TYPE ASTM A653, GRADE 33 HAVING A MINIMUM YIELD STRENGTH OF 33,000 PSI. ALL DECKING SHALL GALVANIZED W/ A MIN THICKNESS OF G90. ALL ROOF METAL DECK SHALL BE FORMED WITH TELESCOPED ENDS TO LAP ENDS OF SHEETS A MINIMUM OF 2 INCHES.
3. THE FABRICATOR/ERECTOR SHALL PROVIDE ENGINEERING CALCULATIONS AND PUBLISHED MANUFACTURER'S DATA VERIFYING THE SPECIFIED DECK REQUIREMENTS TO THE ENGINEER OF RECORD FOR REVIEW. PROVIDE ENGINEERING AND CHECKED SHOP DRAWINGS INDICATING LOCATION, GAGE AND SIZE OF EACH PIECE OF DECKING. THE DRAWINGS SHALL CLEARLY SHOW WELDING DETAILS TO STRUCTURAL FRAMING AND SIDE LAP CONNECTION DETAILS.
4. UNITS SHALL BE CONTINUOUS OVER THREE OR MORE SPANS, EXCEPT WHERE FRAMING DOES NOT PERMIT. SHOP DRAWINGS SHALL INDICATE WHERE SHORING MAY BE REQUIRED AT NON-CONTINUOUS SPANS. DECK SHALL BEAR 2" MIN AT ALL SUPPORTS.
5. ACCEPTABLE STEEL DECK MANUFACTURES ARE AS FOLLOWS:
 - A. VERCO MANUFACTURING INC. (PER ICC-ESR #1735P)
 - B. ASC PACIFIC (PER ICC-ESR# 2408)
 - C. VULCRAFT GROUP (PER ICC-ESR# 3415)
6. CONTRACTOR TO SUBMIT ANY OTHER ALTERNATIVE TO ENGINEER OF RECORD FOR APPROVAL.
7. WIND UPLIFT VALUES ARE SHOWN ON THE COMPONENT & CLADDING WIND PRESSURES TABLE IN THE STRUCTURAL DESIGN DATA SECTION.
8. UNITS SHALL BE WELDED AS INDICATED ON THE PLAN AT INTERMEDIATE AND END BEARING STEEL SUPPORTS. ALL WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWS D1.3.
9. PROVIDE, AS REQUIRED, ALL RIDGE AND VALLEY PLATES, SHIM PLATES, COLUMN CLOSURES, CANT STRIPS, SUMP PLATES AT PIPING PENETRATIONS AND RECESSED SUMP PANS AT ALL ROOF DRAINS. PROVIDE SUPPLEMENTAL FRAMING AT OPENINGS AS REQUIRED FOR SUPPORT OF THE METAL DECK AS INDICATED IN THE PLAN. ALL OPENINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

ABBREVIATIONS

@	AT
ACI	AMERICAN CONCRETE INSTITUTE
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONST.
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
BET/BTWN	BETWEEN
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BS	BOTH SIDES
CJ	CONTROL JOINT
CONC	CONCRETE
CONT	CONTINUOUS
CONTR'S	CONTRACTORS
DIA/DIAM/Ø	DIAMETER
DICA	DRILLED IN CONCRETE ANCHOR
DIM	DIMENSION
DL	DEAD LOAD
DWG	DRAWING
(E)	EXISTING
EA	EACH
EJ	EXPANSION JOINT
ELEV	ELEVATION
EMBED	EMBEDDED
EOR	ENGINEER OF RECORD
EQ	EQUAL
ES	EQUALLY SPACED
EW	EACH WAY
FDN	FOUNDATION
FF	FINISH FLOOR
FT	FOOT/FEET
FTG	FOOTING
GA	GAGE
H/HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SECTION
IBC	INTERNATIONAL BUILDING CODE
IN	INCH(ES)
INT	INTERIOR
JT	JOINT
K	KIP (1000 LB)
KB	KWIK BOLT
KSI	KIPS PER SQUARE INCH
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LOC	LOCATION
LONG	LONGITUDINAL
MANUF	MANUFACTURER
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MPH	MILES PER HOUR
MTL	METAL
(N)	NEW
NTS	NOT TO SCALE
OAE	OR APPROVED EQUAL
OC	ON CENTER
OF	OUTSIDE FACE
OPP	OPPOSITE HAND
PEN	PENETRATION
PL	PLATE
PLF	POUNDS PER LINEAL FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
REF	REFERENCE
REINF	REINFORCEMENT
REQ'D	REQUIRED
SCHED	SCHEDULE
SIM	SIMILAR
SOG	SLAB ON GRADE
STD	STANDARD
STL	STEEL
T&B	TOP & BOTTOM
TO	TOP OF
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V/VERT	VERTICAL
W/	WITH
WF	WIDE FLANGE
WP	WORKING POINT

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



GENERAL NOTES

AUTHOR: DBH
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO: -

CHECKED: AKM

S1.2

PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE ALASKA 99503
907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS

TABLE 1 (STEEL)- SPECIAL INSPECTION SCHEDULE				
REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION				
REQUIRED VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD *	IBC REFERENCE
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC...	-
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	-	X	-	-
2. INSPECTION OF HIGH-STRENGTH BOLTING:			AISC 360, SECTION M2.5	1704.3.3
A. SNUG-TIGHT JOINTS	-	X		
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	-	X	AISC 360, SECTION M5.5	-
B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	APPLICABLE ASTM MATERIAL STANDARDS	-
C. MANUFACTURER'S CERTIFIED MILL TEST REPORTS	-	X		-
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:			AISC 360, SECTION A3.5 AND APPLICABLE AWS A5 DOCUMENTS	-
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X		-
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	-	X		-
5. INSPECTION OF WELDING:				
A. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
1. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS	X	-		
2. MULTIPASS FILLET WELDS	X	-	AWS D1.1	1704.3.1
3. SINGLE-PASS FILLET WELDS > 5/16"	X	-		
4. PLUG AND SLOT WELDS.	X	-		
5. SINGLE-PASS FILLET WELDS < 5/16"	-	X		
6. FLOOR AND DECK WELDS	-	X	AWS D1.3	
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:				
A. DETAILS SUCH AS BRACING AND STIFFENING	-	X		1704.3.2
B. MEMBER LOCATIONS	-	X		
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION	-	X		

(*) WHERE APPLICABLE, SEE TABLE 3 OF THIS SHEET AND SECTION 1707, SPECIAL INSPECTION FOR SEISMIC RESISTANCE.

TABLE 2 (CONCRETE) - SPECIAL INSPECTION SCHEDULE				
REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD *	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, AND PLACEMENT.	-	X	ACI 318 3.5: 7.1-7.7	1913.4
2. INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE STRENGTH DESIGN IS USED.	X	-	AISC 318: 8.13, 21.2.8	1911.5, 1912.1
3. INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE PER ACI , IBC & MANUFACTURER'S ESR REPORT	-	X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1912.1
4. VERIFYING USE OF REQUIRED DESIGN MIX	-	X	ACI 318: CH.4: 5.2-5.4	1904.3, 1913.2, 1913.3
5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172, ASTM C 31, ACI 318: 5.6; 5.8	1913.10
6. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 5.11-5.13	1913.9
8. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBERS BEING FORMED.	-	X	ACI 318: 6.1. 1	-

(*) WHERE APPLICABLE, SEE TABLE 3 OF THIS SHEET AND SECTION 1707, SPECIAL INSPECTION FOR SEISMIC RESISTANCE

TABLE 3 (SEISMIC) - SPECIAL INSPECTION SCHEDULE				
SPECIAL INSPECTION FOR SEISMIC RESISTANCE				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD	IBC REFERENCE
1. STRUCTURAL STEEL:				
A. STRUCTURAL WELDING IN ACCORDANCE WITH AISC 341	-	-		
1. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS	X	-	AWS D1.1 AND D1.8, AISC 341	1707.2
2. MULTIPASS FILLET WELDS	X	-		
3. SINGLE-PASS FILLET WELDS > 5/16"	X	-		
4. SINGLE-PASS FILLET WELDS < 5/16"	-	X		
2. ARCHITECTURAL COMPONENTS:				
A. INSPECTION DURING THE ERECTION AND FASTENING OF EXTERIOR CLADDING, INTERIOR AND EXTERIOR NONBEARING WALLS AND INTERIOR AND EXTERIOR VENEER	-	X	-	1707.6
3. SEISMIC LATERAL RESTRAINING SYSTEM (SLRS) - REFER TO SLRS QUALITY ASSURANCE PROGRAM.	X	X	AISC 360 & 341	

TABLE 4 (MASONRY) - SPECIAL INSPECTION SCHEDULE				
REQUIRED VERIFICATION AND INSPECTION OF MASONRY: LEVEL 1 CONSTRUCTION				
REQUIRED VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD *	IBC REFERENCE
MASONRY: LEVEL 1 (NON ESSENTIAL FACILITY PER IBC 1704.5.1)			TMS 402/ACI 530/ASCE 5 (SEC) & TMS 602/ACI 530.1/ASCE 6 (ART)	
1. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	-	X	ART. 1.5	-
2. VERIFICATION OF f'm AND f'ac PRIOR TO CONSTRUCTION EXCEPT FOR WHERE SPECIFICALLY EXEMPTED BY CODE.	-	X	ART. 1.4B	-
3. VERIFICATION OF SLUMP FLOW AND VSI AS DELIVERED TO THE SITE FOR SELF-CONSOLIDATING GROUT.	X	-	ART. 1.5B.1.b.3	-
4. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:				
A. PROPORTIONS OF SITE-PREPARED MORTAR.	-	X	ART. 2.6A	-
B. CONSTRUCTION OF MORTAR JOINTS.	-	X	ART. 3.3B	-
C. LOCATION OF REINFORCEMENT, CONNECTIONS AND ANCHORAGES.	-	X	ART. 3.4, 3.6A	-
5. DURING CONSTRUCTION THE INSPECTION PROGRAM SHALL VERIFY:				
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS	-	X	ART. 3.3F	
B. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION	-	X	SEC. 1.2.2(e), 1.16.1	
C. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT, ANCHOR BOLTS, PRESTRESSING TENDONS AND ANCHORAGES	-	X	SEC 1.15, ART. 2.4, 3.4	SEC. 2104.3, 2104.4
D. PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OF HOT WEATHER (TEMPERATURE ABOVE 90°F).	-	X	ART. 1.8C, 1.8D	
6. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:				
A. GROUT SPACE IS CLEAN.	-	X	ART. 3.2D	-
B. PLACEMENT OF REINFORCEMENT AND CONNECTORS, AND ANCHORAGES.	-	X	ART. 3.4, SEC. 1.13	-
C. PROPORTIONS OF SITE-PREPARED GROUT	-	X	ART. 2.6B	-
D. CONSTRUCTION OF MORTAR JOINTS	-	X	ART. 3.3B	-
7. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE:	X	-	ART. 3.5	

PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE ALASKA 99503
907.743.3200(AECC0605)

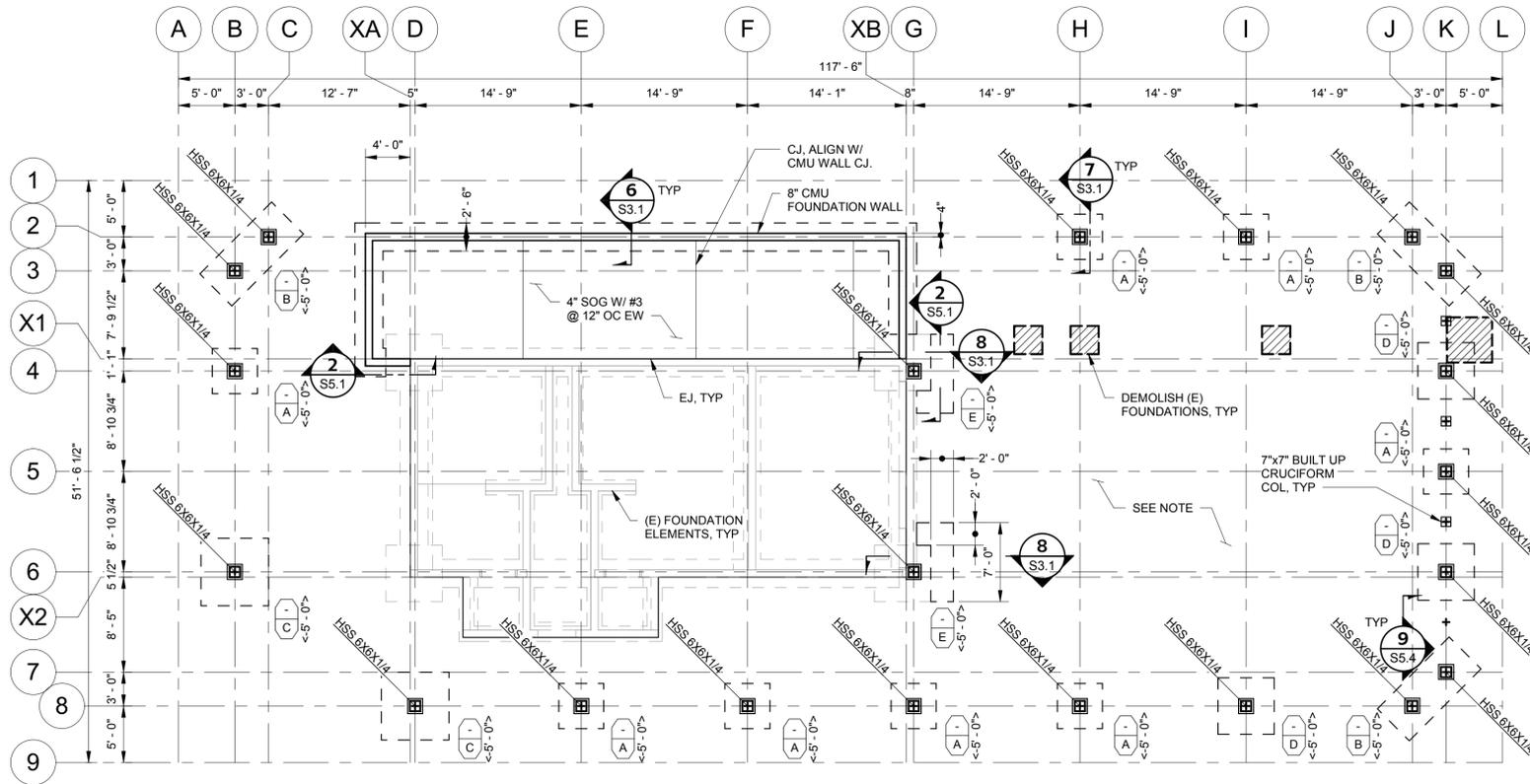
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO.17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
CONSTRUCTION DOCUMENTS



SPECIAL INSPECTIONS
AUTHOR: DBH
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO: -

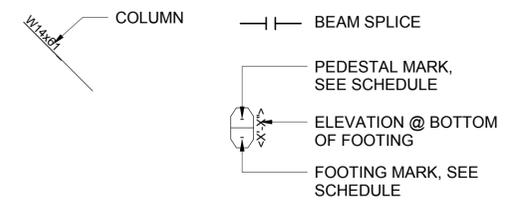
CHECKED: AKM



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

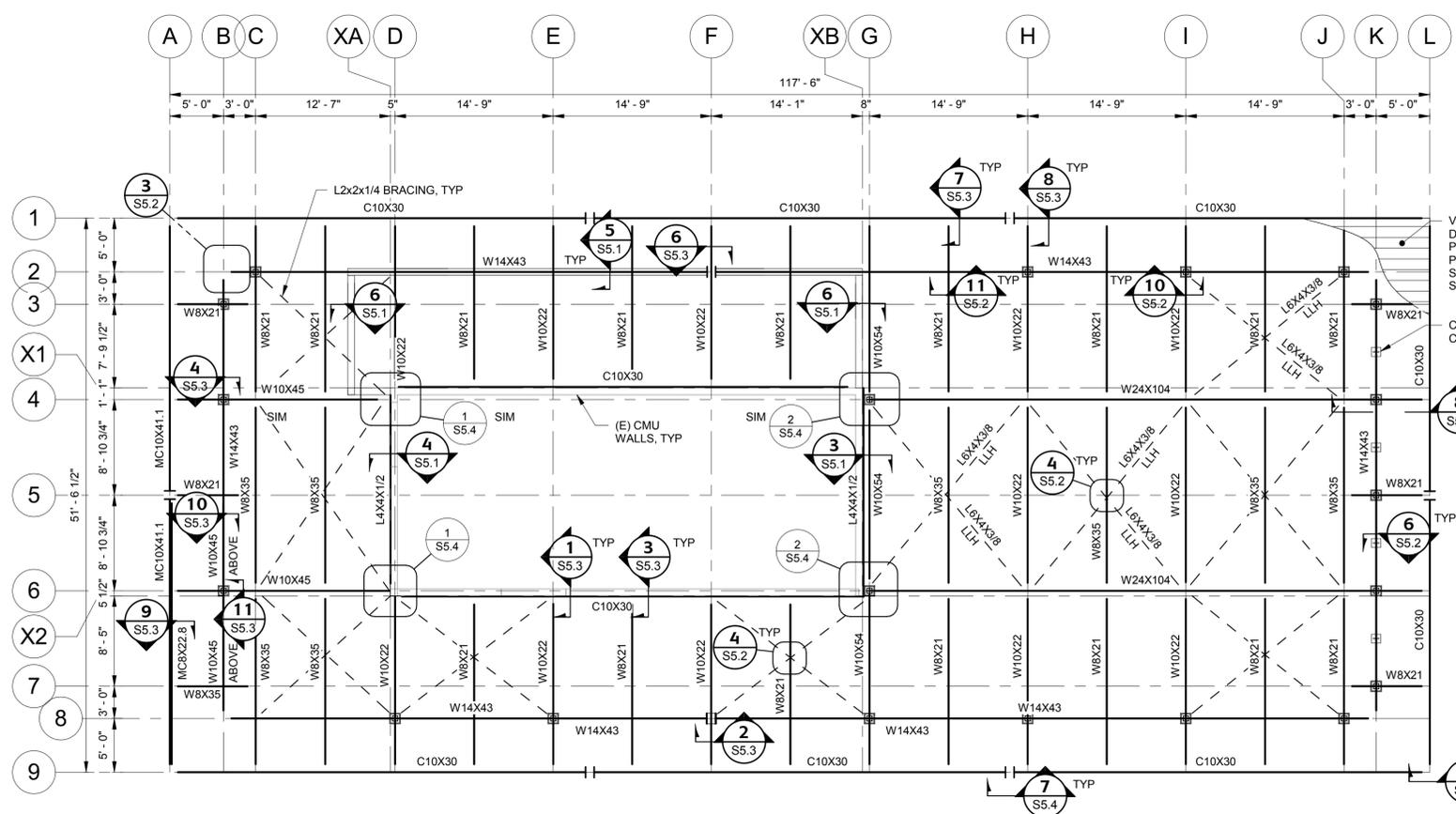


SHEET LEGEND

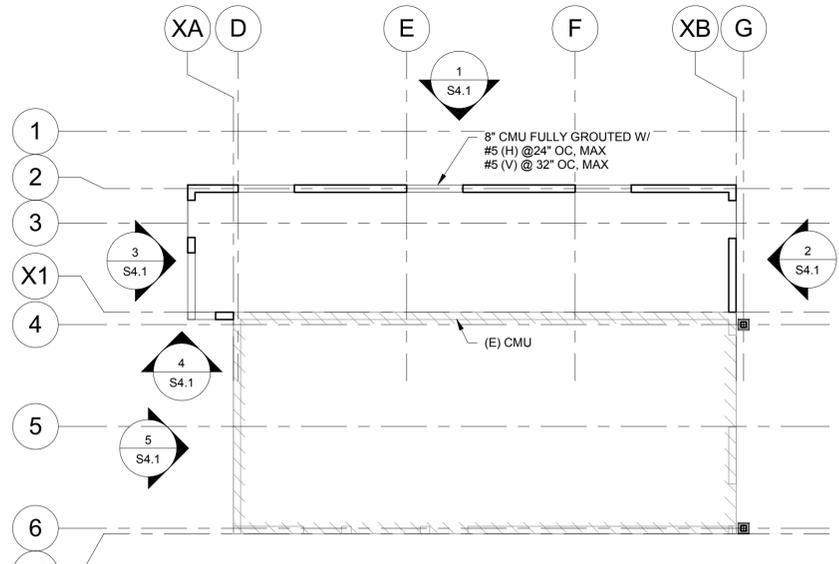


TYPE	DIMENSIONS			REINFORCEMENT			
	LENGTH (L)	WIDTH (W)	THICKNESS (T)	LONGITUDINAL		TRANSVERSE	
				QTY	SIZE	QTY	SIZE
A	4'-0"	4'-0"	1'-0"	4	#5	4	#5
B	9'-0"	4'-0"	1'-0"	9	#5	4	#5
C	6'-0"	6'-0"	1'-0"	6	#5	6	#5
D	5'-0"	5'-0"	1'-0"	5	#5	5	#5
E	7'-0"	SEE PLAN	1'-0"	*	*	*	*

- NOTE:
- FOR BASE PLATES SEE 5 / S5.2
 - * FOR REINFORCING SIZE AND SPACING SEE 7 / S3.1
 - TOP REINFORCEMENT SHALL BE #5 @ 18" OC FOR TYPES A-D



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



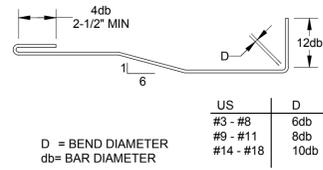
3 STRUCTURAL CMU WALL PLAN
1/8" = 1'-0"



PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE ALASKA 99503
 907.743.3200/AEC605
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009
CITY OF VALDEZ
KEELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



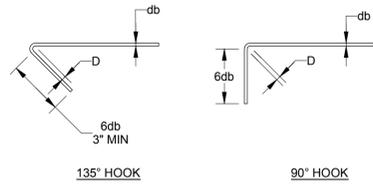
CANOPY PLANS
 AUTHOR: DBH
 REVISION: 03.14.2018
 OWNER PROJECT NO.:
 CHECKED: AKM



D = BEND DIAMETER
db = BAR DIAMETER

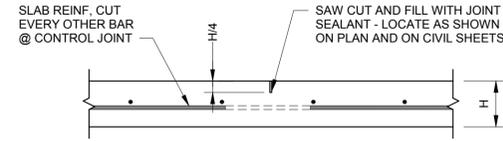
US	D
#3 - #8	6db
#9 - #11	8db
#14 - #18	10db

STANDARD HOOKS



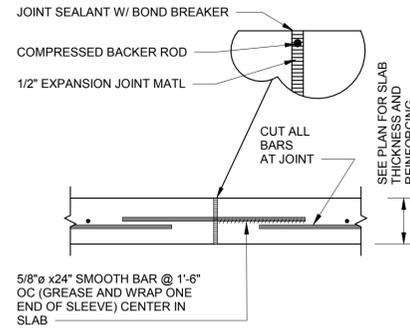
TIE AND STIRRUP REINF

1 TYPICAL REINF HOOK DETAIL
3/4" = 1'-0"

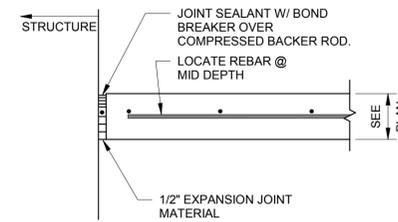


NOTE: MAKE SAW CUT AS SOON AS POSSIBLE AFTER CONCRETE HAS BEEN POURED.

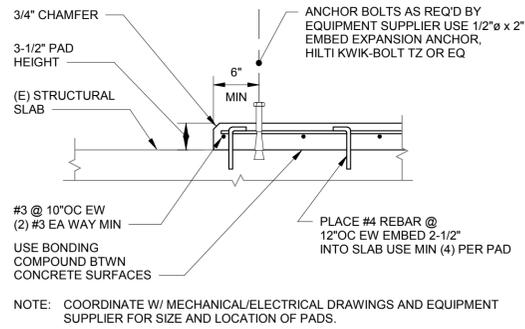
2 TYPICAL CONTROL JOINT
1" = 1'-0"



3 TYPICAL CONSTRUCTION JOINT
1" = 1'-0"

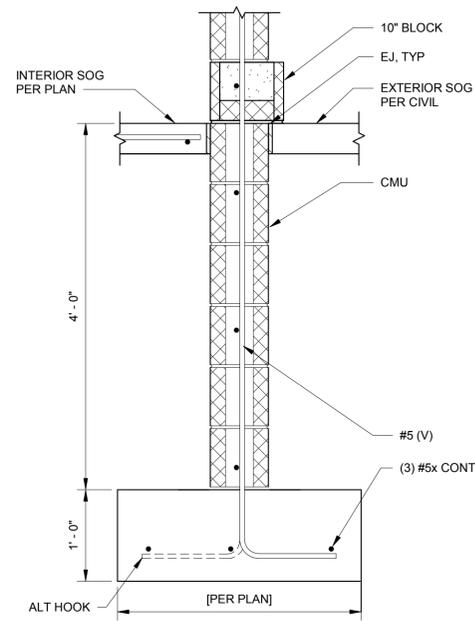


4 TYPICAL EXPANSION JOINT
1" = 1'-0"

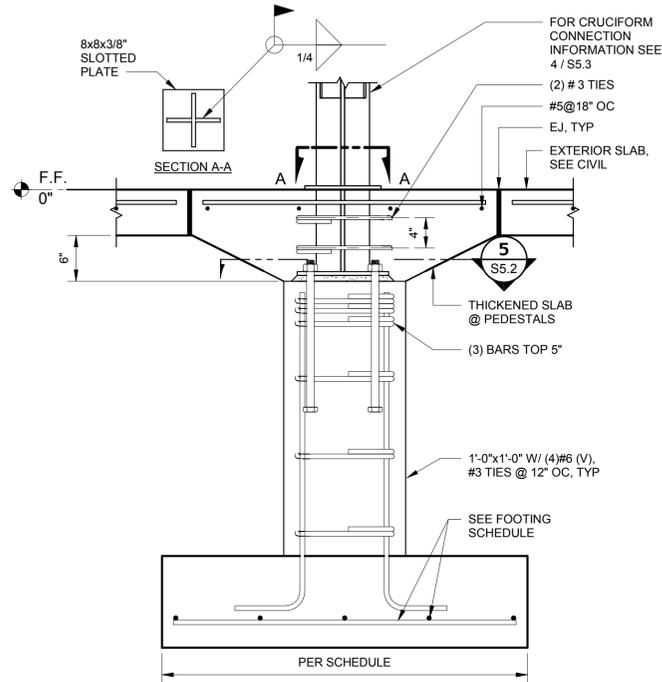


NOTE: COORDINATE W/ MECHANICAL/ELECTRICAL DRAWINGS AND EQUIPMENT SUPPLIER FOR SIZE AND LOCATION OF PADS.

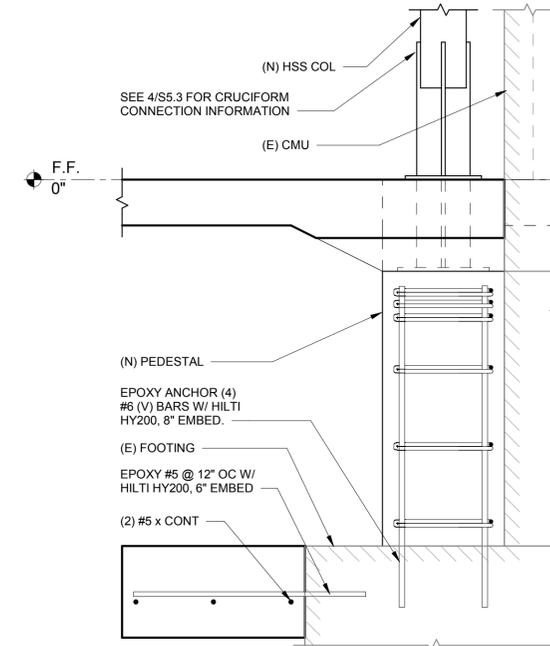
5 TYPICAL HOUSEKEEPING PAD
1" = 1'-0"



6 TYPICAL FOUNDATION SECTION
1" = 1'-0"



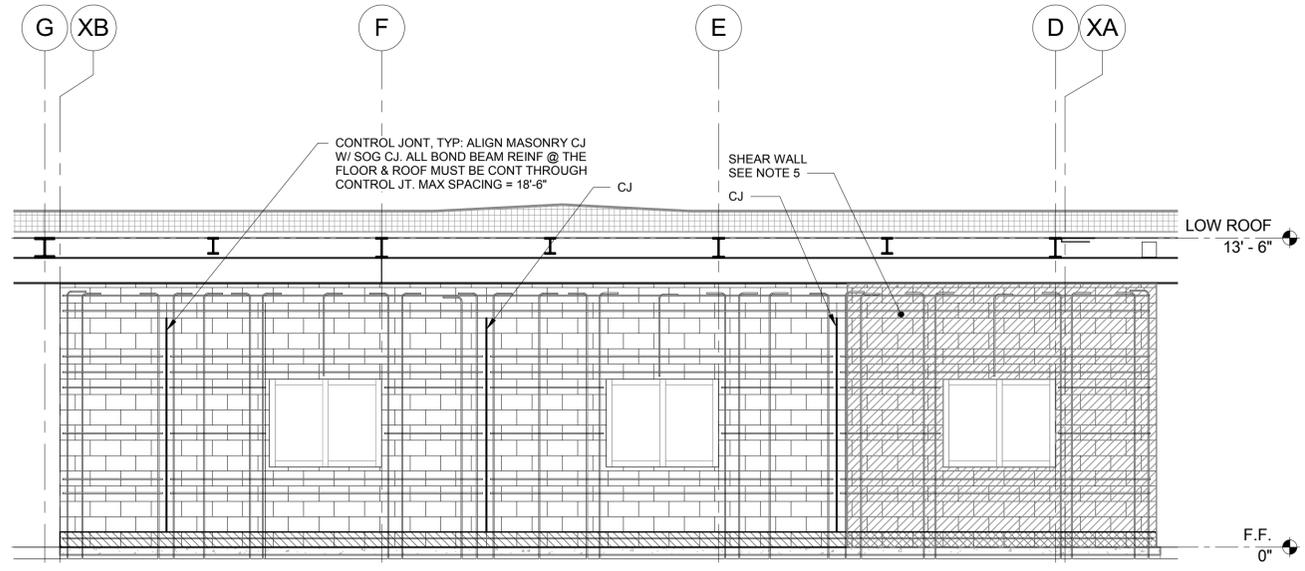
7 SECTION
1" = 1'-0"



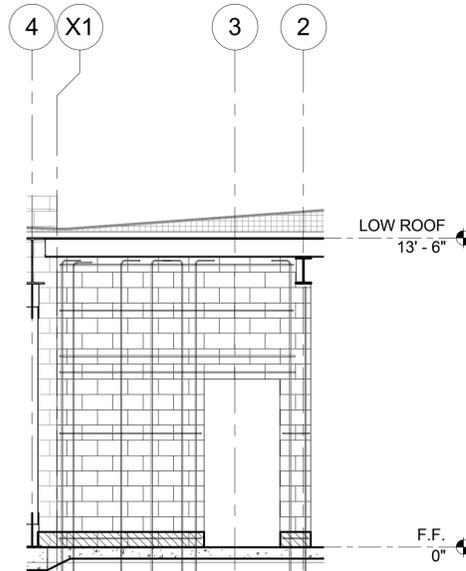
NOTE: FOR BALANCE OF INFORMATION SEE 7 / S3.1

8 SECTION
1" = 1'-0"





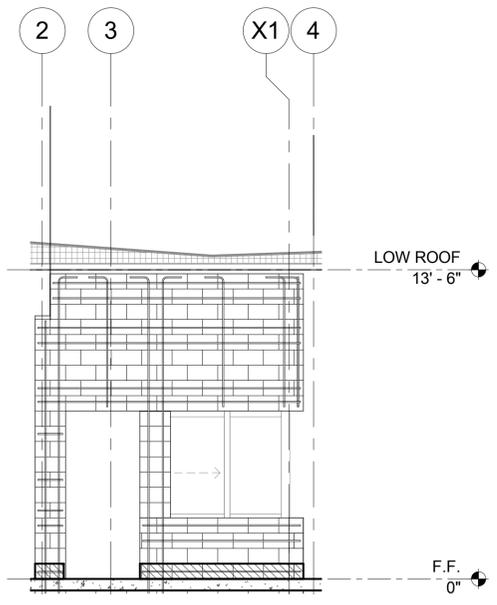
1 NORTH WALL ELEVATION
1/4" = 1'-0"



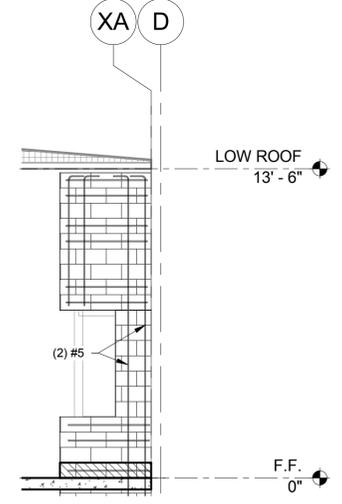
2 EAST WALL ELEVATION
1/4" = 1'-0"

SHEET NOTES

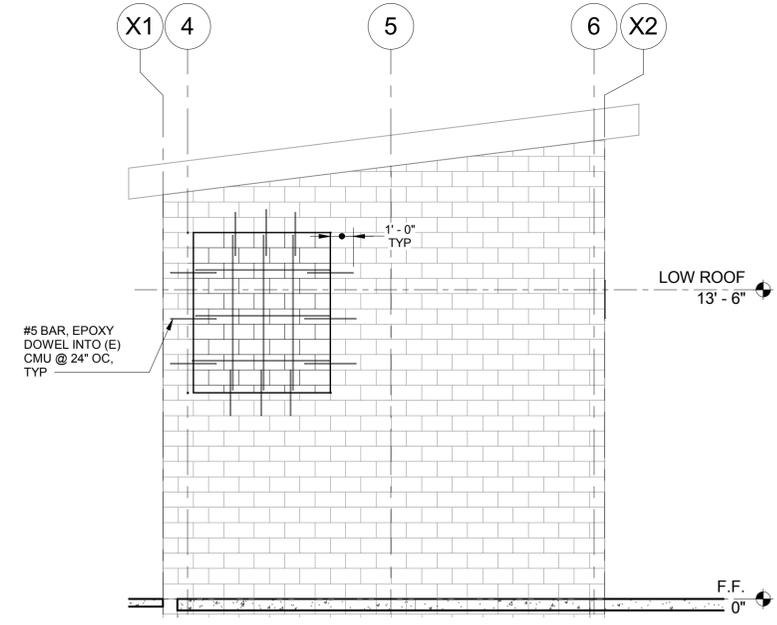
1. ALL (V) AND (H) BARS ARE #5.
 2. LOCATE BARS AS SHOWN IN ELEVATION.
 3. LAP (H) AND (V) BARS 2'-0", MIN.
 4. TERMINATE ALL VERTICAL BARS WITH A STANDARD HOOK.
 5. TERMINATE HORIZONTAL BARS IN SHEAR WALLS W/ STANDARD 180° HOOKS.
- 10" BOND BEAM, TYP.
 SHEAR WALL



3 WEST WALL ELEVATION
1/4" = 1'-0"



4 SOUTH WALL ELEVATION
1/4" = 1'-0"



5 EXISTING WEST WALL ELEVATION W/ INFILL
1/4" = 1'-0"

PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200(AECC605)

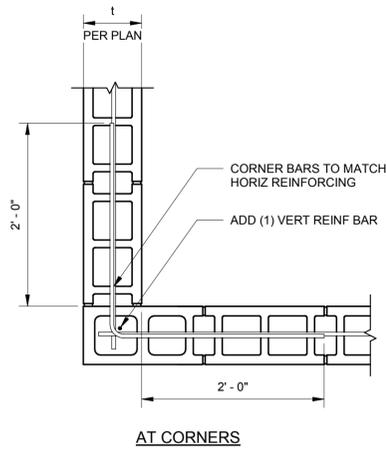
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS

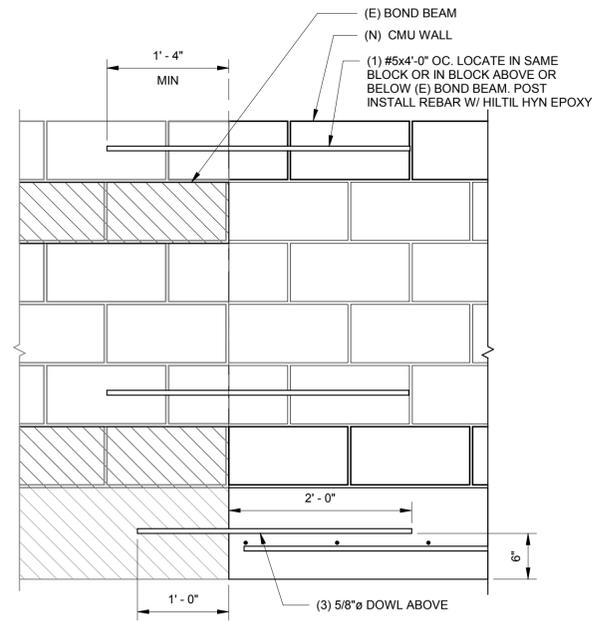


WALL ELEVATIONS
 AUTHOR: DBH
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.: -

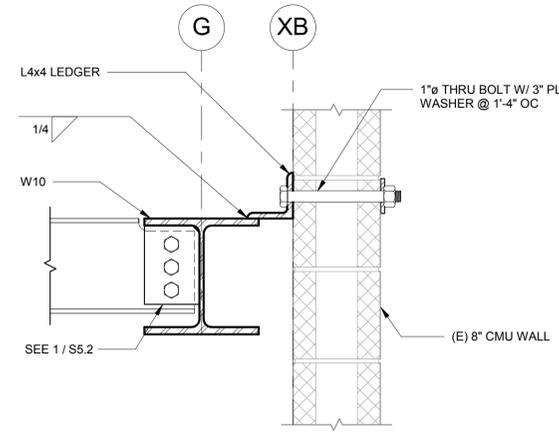
CHECKED: AKM



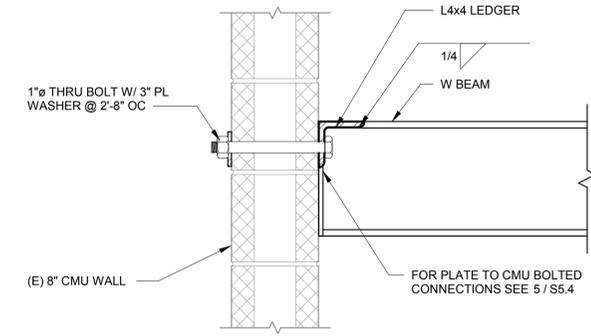
1 TYPICAL CORNER BARS @ MASONRY WALLS
1" = 1'-0"



2 TYPICAL (E) TO (N) CMU
1" = 1'-0"

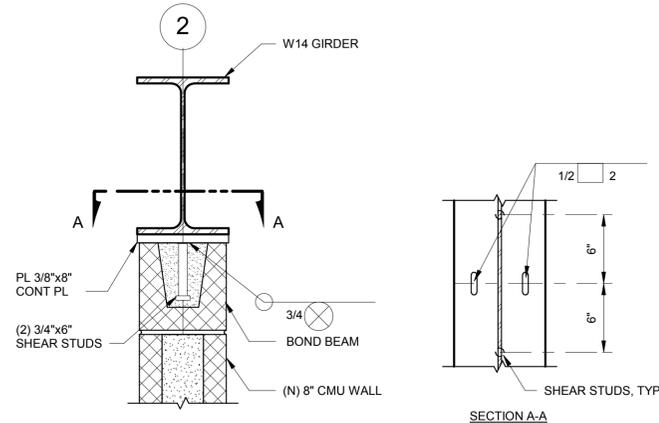


3 SECTION
1 1/2" = 1'-0"



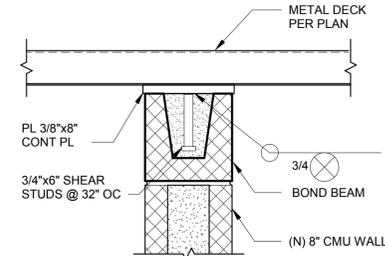
NOTE: BRACING NOT SHOWN FOR CLARITY.

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

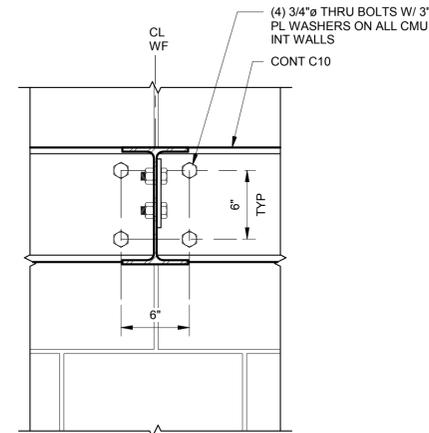


- NOTES:
1. CONTINUOUS PL MAY BE BROKEN @ INTERVALS OF 4'-0".
 2. STUD / PLUG WELD CONNECTION GROUP SHALL BE SPACED @ 4'-0" OC.

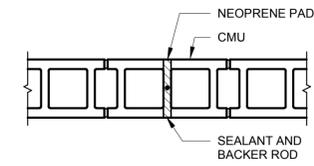
5 SECTION
1 1/2" = 1'-0"



6 SECTION
1 1/2" = 1'-0"

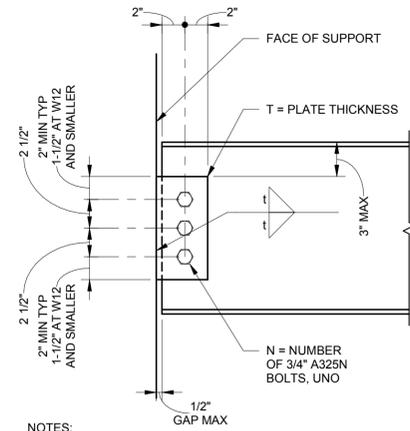


7 DETAIL
1 1/2" = 1'-0"



8 TYPICAL CMU CONTROL JOINT
1" = 1'-0"

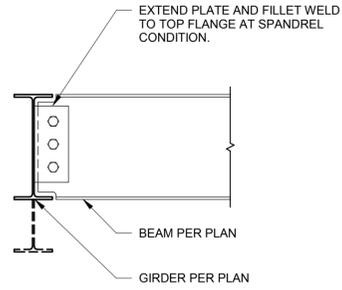




CONNECTION SCHEDULE			
BEAM	N	T	t
W8	2	1/4	3/16
W10	3	1/4	3/16

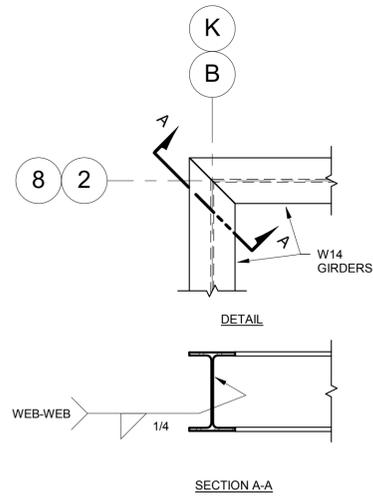
- NOTES:
- SEE CONNECTION SCHEDULE FOR t, T AND N.
 - USE STANDARD HOLES IN BEAM AND SHORT SLOTTED HOLES IN PLATE.

1 TYPICAL CONNECTION DETAIL
1 1/2" = 1'-0"

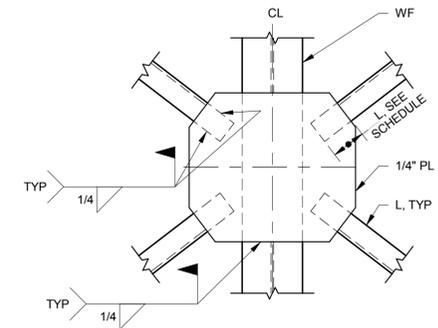


- NOTE:
SEE TYPICAL CONNECTION DETAIL FOR DIMENSIONS, PLATE THICKNESS AND BOLTS.

2 TYPICAL BEAM TO GIRDER
1" = 1'-0"



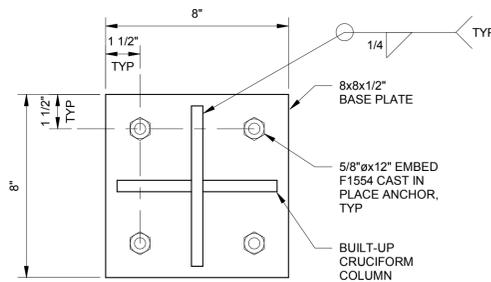
3 DETAIL
3/4" = 1'-0"



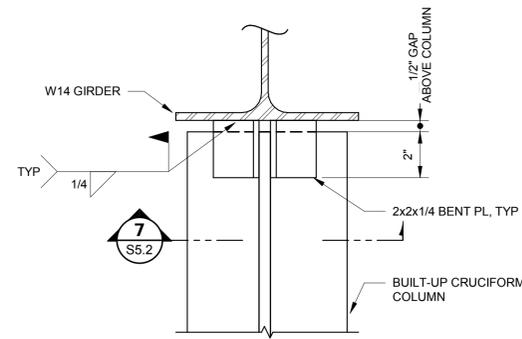
CONNECTION SCHEDULE	
ANGLE	L
L2X2	3"
L4X6	6"

- NOTE:
PL TO WF WELD MAY BE SHOP WELDED @ CONTR'S OPTION

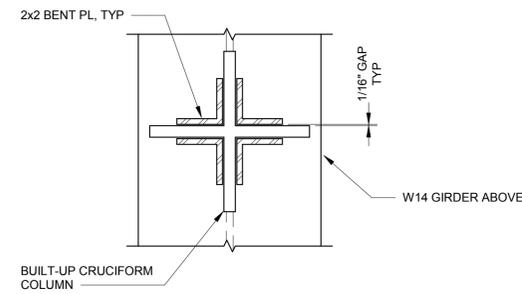
4 DETAIL
1 1/2" = 1'-0"



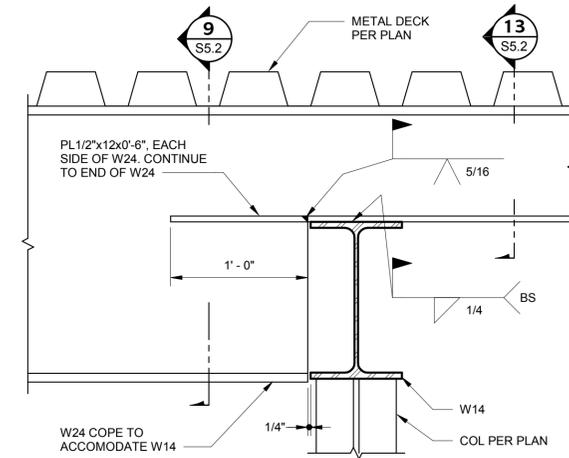
5 TYPICAL BASE PLATE DETAIL
3" = 1'-0"



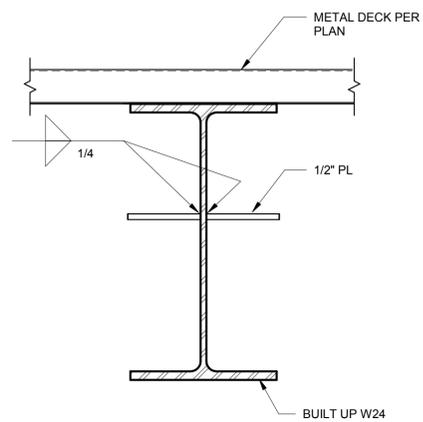
6 TYPICAL SLIP CONNECTION
3" = 1'-0"



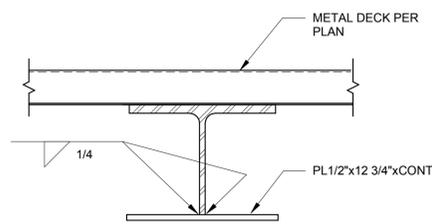
7 SECTION
3" = 1'-0"



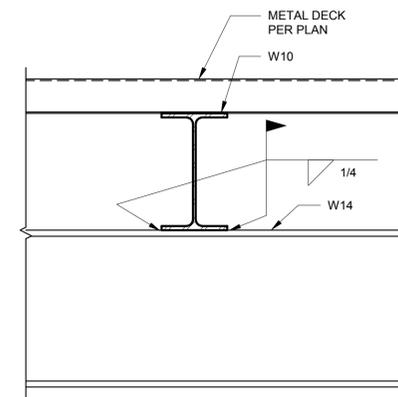
8 SECTION
1 1/2" = 1'-0"



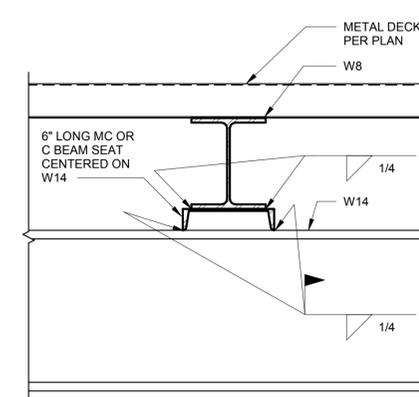
9 SECTION
1 1/2" = 1'-0"



10 SECTION
1 1/2" = 1'-0"



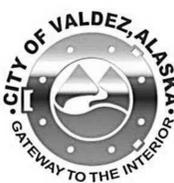
10 TYPICAL W10 TO W14 CONNECTION
1 1/2" = 1'-0"

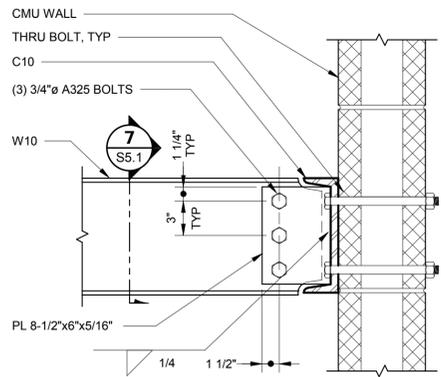


11 TYPICAL W8 TO W14 BEAM CONNECTION
1 1/2" = 1'-0"

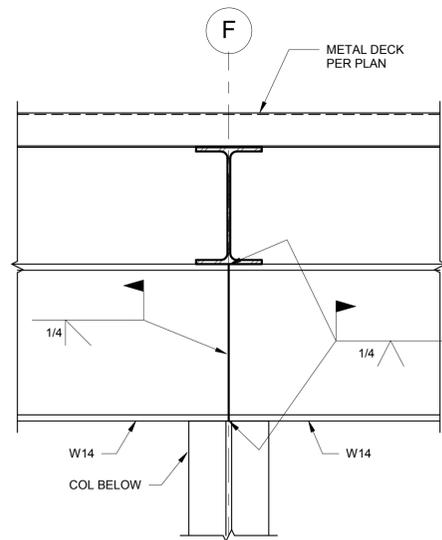
CONNECTION SCHEDULE	
WF	MC
W8X21	MC8X8.5
*W8X35	*C6X8.2

*WELD TOP OF C6X8.2 TO BOTTOM SURFACE OF W8X35

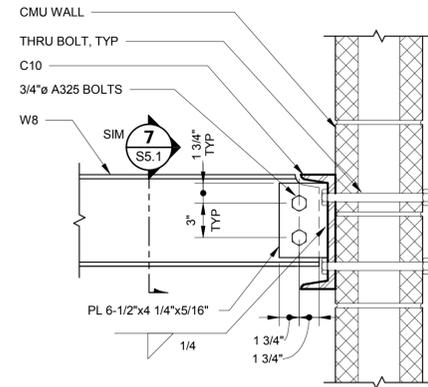




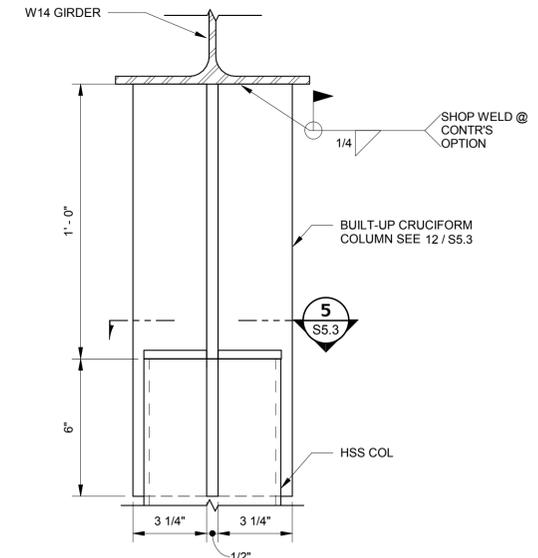
1 DETAIL
1 1/2" = 1'-0"



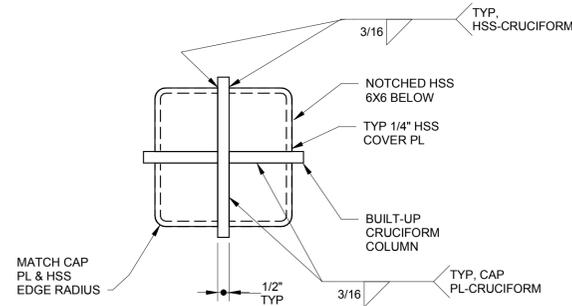
2 DETAIL @ GRID 8 - EXPOSED SPLICE
1 1/2" = 1'-0"



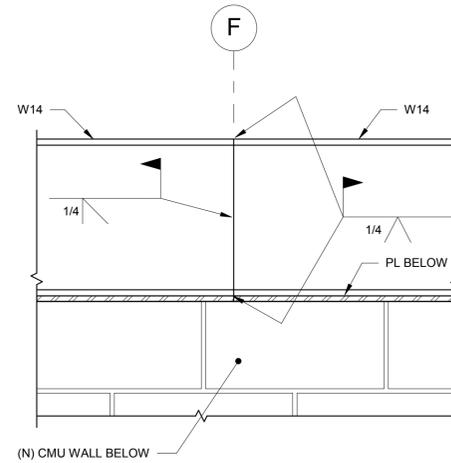
3 DETAIL
1 1/2" = 1'-0"



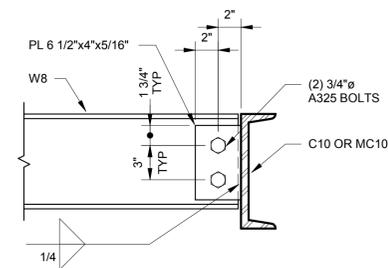
4 TYPICAL STRUCTURAL COLUMN - GIRDER DETAIL
3" = 1'-0"



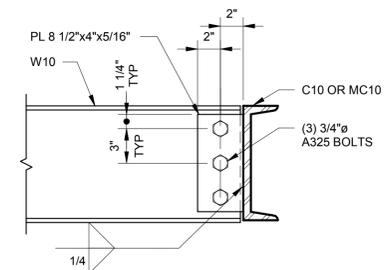
5 SECTION
3" = 1'-0"



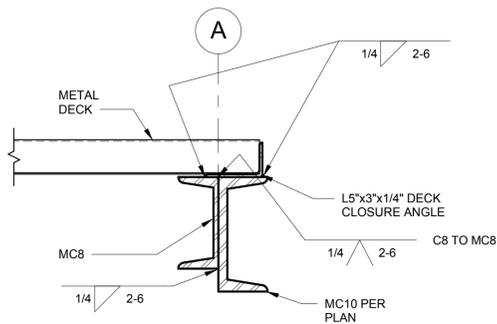
6 DETAIL @ GRID 2 - EXPOSED SPLICE
1 1/2" = 1'-0"



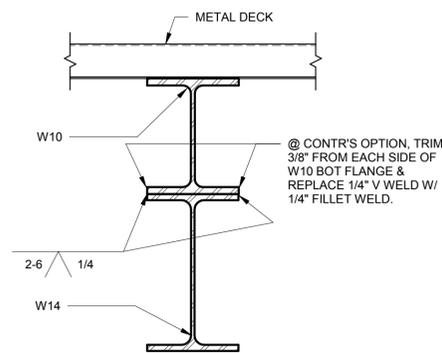
7 DETAIL
1 1/2" = 1'-0"



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

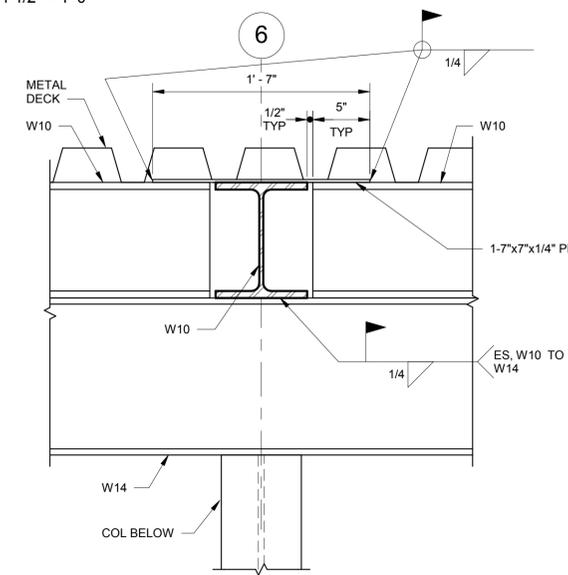


9 SECTION
1 1/2" = 1'-0"

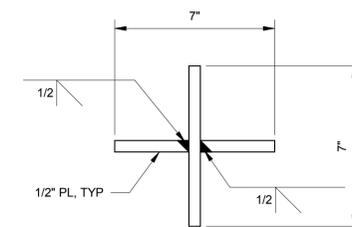


10 SECTION
1 1/2" = 1'-0"

NOTE: BREAK W10x45 @ GRID A6. SEE DETAIL 11 / S5.3



11 DETAIL @ GRID A6 MOMENT CONNECTION
1 1/2" = 1'-0"



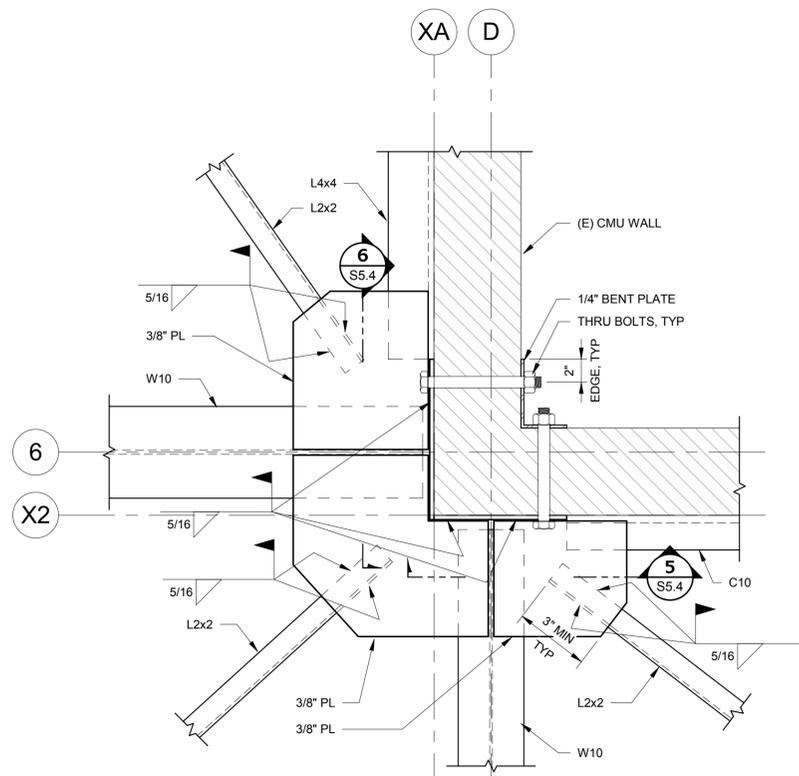
12 TYPICAL CRUCIFORM COLUMN
3" = 1'-0"



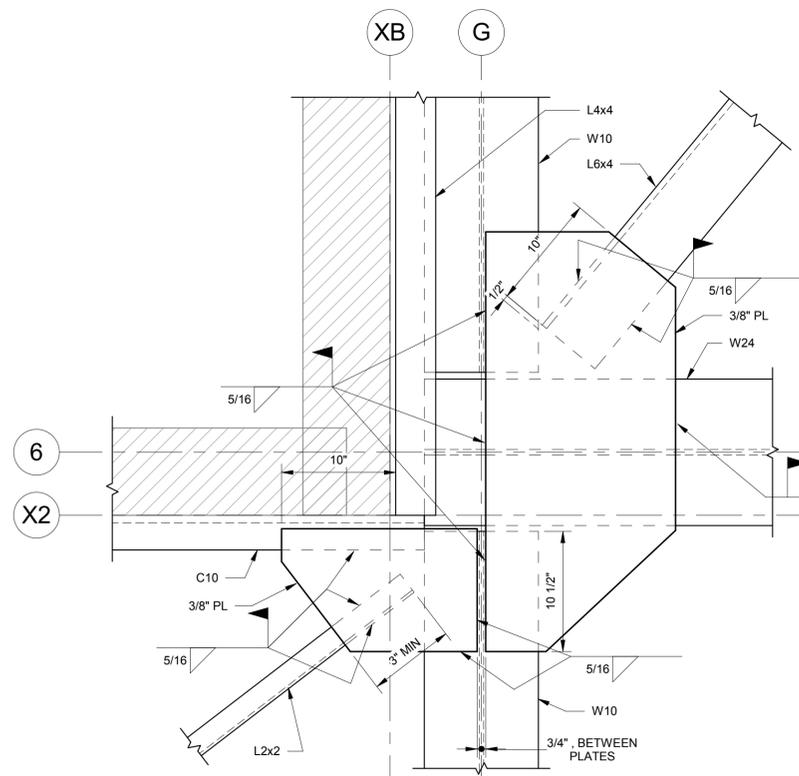
FRAMING DETAILS
 AUTHOR: DBH
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO: -
 CHECKED: AKM

PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE ALASKA 99503
 907.743.3200(AECC605)
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

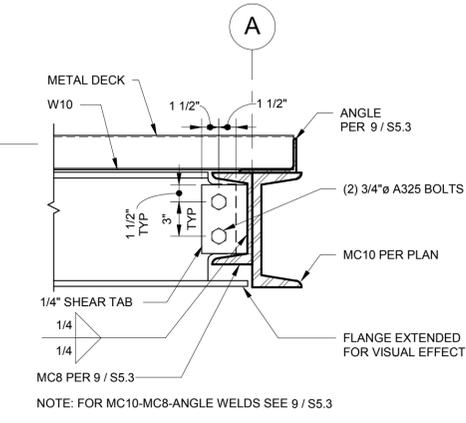
CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



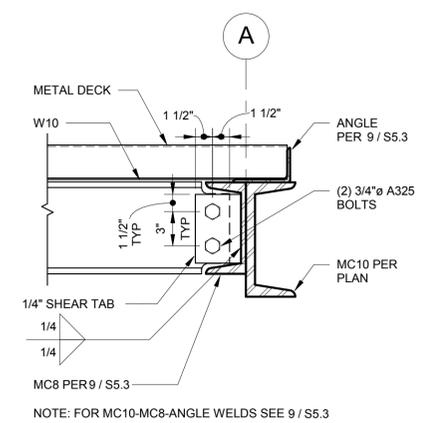
1 DETAIL
1 1/2" = 1'-0"



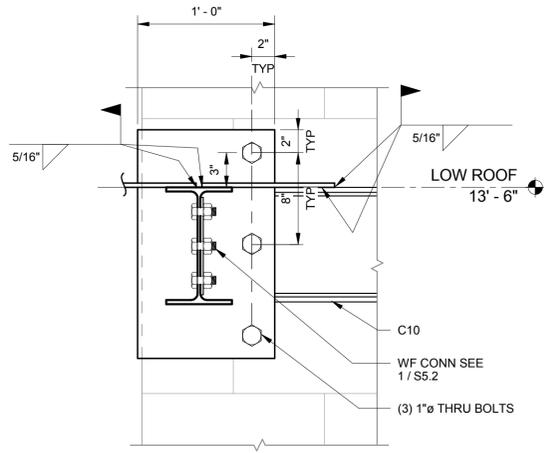
2 DETAIL
1 1/2" = 1'-0"



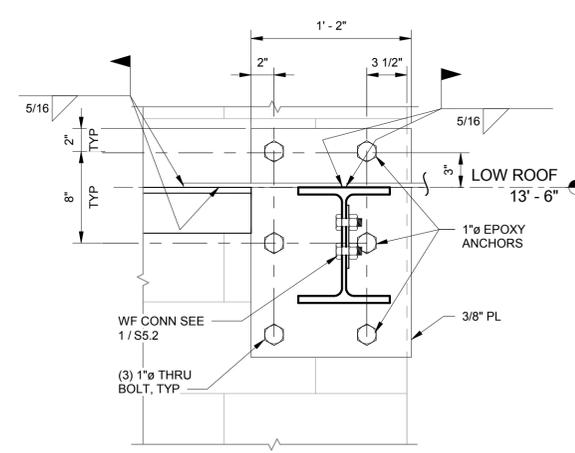
3 SECTION
1 1/2" = 1'-0"



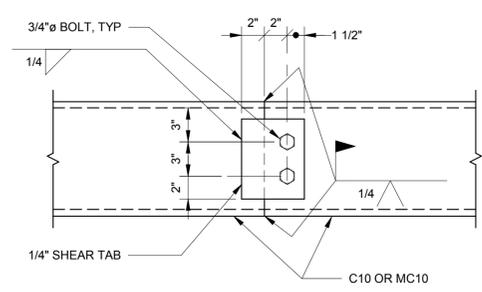
4 SECTION
1 1/2" = 1'-0"



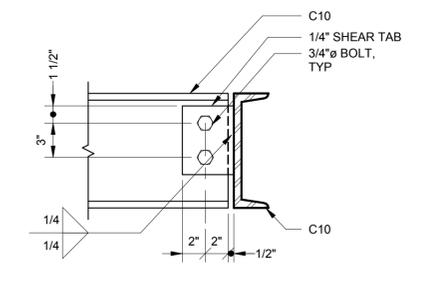
5 DETAIL
1 1/2" = 1'-0"



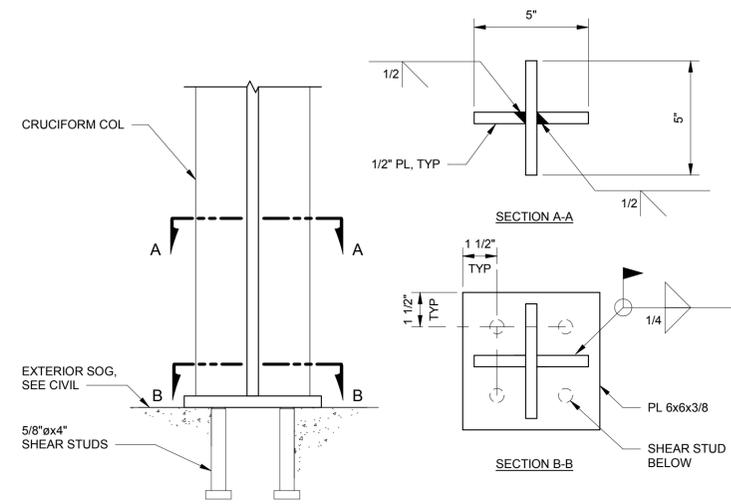
6 DETAIL
1 1/2" = 1'-0"



7 TYPICAL SPLICE DETAIL
1 1/2" = 1'-0"



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



9 SIGN CRUCIFORM COLUMN
3" = 1'-0"



GENERAL

DETAIL SYMBOL		DETAIL IDENTIFICATION DRAWING ON WHICH DETAIL IS SHOWN
SECTION SYMBOL		SECTION IDENTIFICATION DRAWING ON WHICH SECTION IS SHOWN
ROOM NAME AND NUMBER DESIGNATION		ROOM NAME 101
SHEET KEYNOTE REFERENCE		1
GENERAL SHEET NOTE		3.
POINT OF CONNECTION		
TO BE DEMOLISHED		
EXISTING TO REMAIN		
NEW		

MECHANICAL TAGS

EQUIPMENT DESIGNATION, SEE EQUIPMENT SCHEDULE		EQUIPMENT DESIGNATION
PLUMBING FIXTURE DESIGNATION, SEE FIXTURE CONNECTION SCHEDULE		FIXTURE DESIGNATION
DIFFUSER / REGISTER / GRILLE TAG SEE DIFFUSER, REGISTERS, & GRILLES SCHEDULE		GRD DESIGNATION NECK SIZE FLOW THROUGH GRD
LOUVER TAG SEE LOUVER SCHEDULE		LOUVER DESIGNATION

PLUMBING

WASTE	W	
COLD WATER	CW	
HOT WATER	HW	
HOT WATER CIRCULATING	HWC	
VENT	V	
VENT RISER	VR	
VENT THROUGH ROOF	VTR	
DOUBLE CHECK VALVE BACKFLOW PREVENTER		
REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER		
ROOF DRAIN	RD	
OVERFLOW ROOF DRAIN	ORD	
WATER HAMMER ARRESTOR	WHA	
HOSE BIBB	HB	
WALL CLEANOUT	WCO	
FLOOR CLEANOUT	FCO	
FLOOR DRAIN/FLOOR SINK	FD	
P TRAP		

PIPE FITTINGS & VALVES

ELBOW, TURNED DOWN	
ELBOW, TURNED UP	
TEE, OUTLET DOWN	
TEE, OUTLET UP	
FLOW DIRECTION	
CONCENTRIC REDUCER	
ISOLATION VALVE	
BALL VALVE	
PRESSURE REDUCING VALVE	
CHECK VALVE	
STRAINER	
STRAINER W/ BLOWDOWN	
RESSURE TEMPERATURE TAP ("PETE'S PLUG")	
AUTOMATIC FLOW CONTROL VALVE	
BALANCE VALVE	
RELIEF OR SAFETY VALVE	
UNION	
FLANGE CONNECTION	
PIPE ANCHOR	
PIPE GUIDE	
METER	
THERMOMETER	
PRESSURE GAUGE W/ ISOLATION VALVE	
DRAIN ISOLATION VALVE AND HOSE ADAPTOR	
DRAIN ISOLATION VALVE AND CAP	

ABBREVIATIONS

ACFM	ACTUAL CUBIC FEET PER ABOVE FINISHED FLOOR
AFF	AS HIGH AS POSSIBLE
AHAP	APPROXIMATE
APPROX	APPROXIMATE
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CIRC	CIRCULATION
CLNG	CEILING
CONT	CONTINUATION, CONTINUED
CP	CIRCULATING PUMP
CU	COPPER
CW	COLD WATER
DDC	DIRECT DIGITAL CONTROLS
DIA	DIAMETER
DN	DOWN
(E)	EXISTING
EA	EXHAUST AIR
EF	EXHAUST FAN
ENT	ENTERING
ET	EXPANSION TANK
EWTF	ENTERING WATER TEMPERATURE
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FT	FEET
GAL	GALLONS
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HP	HORSE POWER
HW	HOT WATER
HWC	HOT WATER CIRCULATION
HZ	HERTZ
ID	INSIDE DIAMETER
IN	INCHES
LAV	LAVATORY
LF	LINEAL FEET
LVG	LEAVING WATER TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU's PER HOUR
MIN	MINIMUM
MISC	MISCELLANEOUS
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NO.	NUMBER
OA	OUTSIDE AIR
OC	ON CENTER
ORD	OVERFLOW ROOF DRAIN
ORL	OVERFLOW RAIN LEADER
OSA	OUTSIDE AIR SUPPLY
P	PUMP
PD	PRESSURE DROP
PDI	PLUMBING & DRAINAGE INSTITUTE
PH	PHASE
PHC	PRE HEAT COIL
POC	POINT OF CONNECTION
PSIG	POUNDS PER SQUARE INCH GAUGE
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RD	ROOF DRAIN
RECIRC	RECIRCULATION
RFL	REFRIGERANT LIQUID
RFS	REFRIGERANT SUCTION
RL	RAINLEADER
RV	REFRIGERANT VAPOR
RL	RAIN WATER LEADER
SA	SUPPLY AIR
SCH	SCHEDULE
SD	STORM DRAIN
SF	SQUARE FEET
SF	SUPPLY FAN
SS	STAINLESS STEEL
TEMP	TEMPERATURE
TDH	TOTAL DEVELOPED HEAD
TP	TRAP PRIMER
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORY
UON	UNLESS OTHERWISE NOTED
VTR	VENT THROUGH ROOF
VR	VENT RISER
W	WASTE
W/	WITH
W.C.	WATER COLUMN
WCO	WALL CLEANOUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR
WPD	WATER PRESSURE DROP
WRT	WITH RESPECT TO
YCO	YARD CLEAN OUT

SHEET INDEX - MECHANICAL

NUMBER	SHEET NAME
M0.1	MECHANICAL SYMBOL LEGEND & ABBREVIATIONS
M0.2	MECHANICAL SCHEDULES
M2.0	UNDERFLOOR - PLUMBING PLAN
M2.1	FIRST FLOOR - PLUMBING PLAN
M2.2	ROOF & MEZZANINE - PLUMBING PLAN
M3.1	FIRST FLOOR - HVAC PLAN
M3.2	ROOF & MEZZANINE - HVAC PLAN
M5.1	MECHANICAL DETAILS
M6.1	MECHANICAL DIAGRAMS

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



MECHANICAL SYMBOL LEGEND &
ABBREVIATIONS
AUTHOR: MEB
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -

CHECKED: RSW

MECHANICAL SYMBOL LEGEND &
ABBREVIATIONS
AUTHOR: MEB
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -

M0.1

22 33 00 ELECTRIC WATER HEATER SCHEDULE

NOTES:

MARK	SERVICE	TYPE	RECOVERY, GPH @ 90F RISE	INPUT (KW)	AMP	V	PH	BASIS OF DESIGN		COMMENTS
								MANUFACTURER	MODEL	
WH-1	DOMESTIC HOT WATER	ELECTRIC	14	2	9.6	208	1	AO SMITH	DEL 20	SECURE TO STRUCTURE

22 33 00 DOMESTIC-WATER COMPRESSION TANK SCHEDULE

NOTES:

MARK	SYSTEM	VOLUME (GALLONS)	ACCEPTANCE VOLUME	PRESSURE (PSIG)	BASIS OF DESIGN		COMMENTS
					MANUFACTURER	MODEL	
ET-1	DOMESTIC HOT WATER	2	0.9	40	AMTROL	THERM-X-TROL ST-5	100 PSIG WORKING PRESSURE, 12 PSIG PRECHARGE PRESSURE

22 40 00 PLUMBING FIXTURE SCHEDULE

NOTES:

MARK	FIXTURE DESCRIPTION	HW/TW	CW	TRAP	WASTE	VENT	BASIS OF DESIGN	COMMENTS
FD-1	FLOOR DRAIN	-	-	2"	2"	1-1/2"	JR SMITH 2010C-A-P050-NB	
HB-1	DUAL TEMPERATURE HOSE BIB	3/4"	3/4"	-	-	-	N/A	EXISTING TO BE DEMOLISHED
ORD-1	OVERFLOW ROOF DRAIN	-	-	-	4"	-	JR SMITH 1010Y-E-C-V	
P-1	WATER CLOSET	-	1"	-	3"	2"	KOHLER K-4325 W/ SLOAN OPTIMA PLUS 8111	
P-2	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	1-1/4"	KOHLER K-2196-4 W/ AMERICAN STANDARD 7075.054	
RD-1	ROOF DRAIN	-	-	-	4"	-	JR SMITH 1080Y-E-C-V	
TP-1	TRAP PRIMER	-	1/2"	-	-	-	PRECISION PLUMBING PRODUCTS MPB-500-115V	
WB-1	WALL BOX	1/2"	1/2"	2"	2"	1-1/2"	GUY GRAY BB200TS	
YCO-1	YARD CLEANOUT	-	-	-	3"	-	JR SMITH 42515-NB	

23 34 16 EXHAUST FAN SCHEDULE

NOTES:

MARK	SERVICE	CFM	ESP (IN. WC)	TSP (IN. WC)	TYPE	DRIVE	RPM	ELECTRICAL				VFD	BASIS OF DESIGN		COMMENTS
								AMPS	V	HZ	PH		MANUFACTURER	MODEL	
EF-1	RESTROOM EXHAUST	70	0.25	N/A	INLINE	DIRECT	950	1.14	115	60	1	No	GREENHECK	CSP-B110	
EF-2	MEZZANINE EXHAUST	2000	0.25	N/A	WALL	DIRECT	1160	5.8	115	60	1		GREENHECK	SE1-18-424-B	

23 37 00 LOUVER SCHEDULE

NOTES:

MARK	SYSTEM DESCRIPTION	CFM	HEIGHT	WIDTH	FREE AREA	DELTA P-MAX (IN-WG)	BASIS OF DESIGN		COMMENTS
							MANUFACTURER	MODEL	
L-1	MAKEUP AIR	2000	24	59	4.9 SQ FT	0.02	RUSKIN	ELF6375DX	WITH BIRDSCREEN. FINISH: HIGH-PERFORMANCE ORGANIC; COLOR AND GLOSS SELECTED BY ARCHITECT. COORDINATE DIMENSIONS WITH ARCHITECTURAL.
L-2	EXHAUST	50	24	24	1.9 SQ FT	0.01	RUSKIN	ELF6375DX	WITH BIRDSCREEN. FINISH: HIGH-PERFORMANCE ORGANIC; COLOR AND GLOSS SELECTED BY ARCHITECT. COORDINATE DIMENSIONS WITH ARCHITECTURAL.
L-3	EXHAUST	2000	24	59	4.9 SQ FT	0.03	RUSKIN	ELF6375DX	WITH BIRDSCREEN. FINISH: HIGH-PERFORMANCE ORGANIC; COLOR AND GLOSS SELECTED BY ARCHITECT. COORDINATE DIMENSIONS WITH ARCHITECTURAL.

23 37 00 EXHAUST GRILLE SCHEDULE

NOTES:

MARK	TYPE	INLET SIZE	DIMENSIONS	DELTA -MAX	MAX NC	MAX CFM	BASIS OF DESIGN		COMMENTS
							MANUFACTURER	MODEL	
EA-1	EXHAUST GRILLE	4"	12X12	.01	-	75	TITUS	50F	

23 81 46 VRF INDOOR UNIT SCHEDULE

NOTES:

1. INCLUDE OPTIONAL BASIC CONTOLLER .
2. INCLUDE AUXILIARY HEATER KIT.

MARK	DESCRIPTION	LOCATION	COOLING DESIGN		HEATING DESIGN		ELECTRICAL DATA			BASIS OF DESIGN		COMMENTS
			COOLING CAPACITY (MBH)	COOLING EAT (°F)	HEATING CAPACITY (MBH)	HEATING EAT (°F)	POWER RATED AMPS	VOLTAGE	PHASE	MANUFACTURER	MODEL	
WU-1	INDOOR WALL UNIT	HARBOR OFFICE	12.3	80	13.6	70	0.16	208	1	LG	MULTI-V	1, 2
WU-2	INDOOR WALL UNIT	UTILITY	5.5	80	6.1	70	0.16	208	1	LG	MULTI-V	1, 2
WU-3	INDOOR WALL UNIT	INFORMATION OFFICE	7.5	80	8.5	70	0.16	208	1	LG	MULTI-V	1, 2

23 81 48 VRF OUTDOOR UNIT SCHEDULE

NOTES:

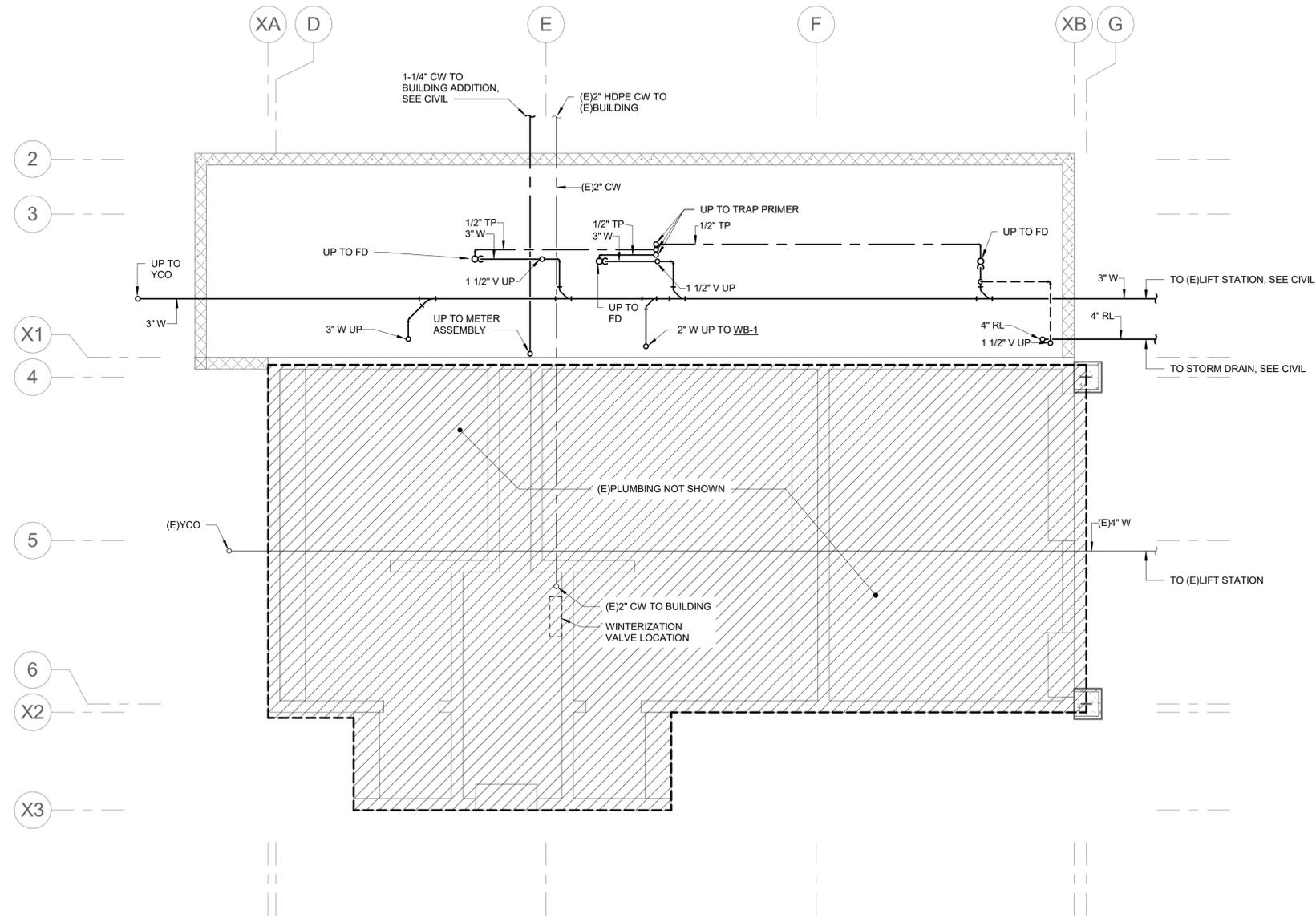
1. INCLUDE OPTIONAL LOW AMBIENT BAFFLE KIT.
2. PROVIDE TOUCHSCREEN CONTROLLER.
3. MOUNT ON HOUSEKEEPING PAD AND STEEL SUPPORT PER MANUFACTURER'S INSTRUCTIONS.
4. PROVIDE SEISMIC BRACING.
5. PROVIDE DRIP PAN, DRIP PAN HEATER, AND HEAT TRACE DRIP PAN DRAIN LINE.

MARK	DESCRIPTION	COOLING DESIGN			HEATING DESIGN			ELECTRICAL DATA				REFRIGERANT			BASIS OF DESIGN			COMMENTS
		COOLING CAPACITY (MBH)	COOLING EAT (°F)	POWER INPUT (KW)	HEATING CAPACITY (MBH)	HEATING EAT (°F)	POWER INPUT (KW)	MCA (A)	MOP (A)	V	PHASE	TYPE	SYSTEM CHARGE	OPERATING WEIGHT	MANUFACTURER	MODEL		
OU-1	VARIABLE REFRIGERANT FLOW OUTDOOR UNIT	24	95	1.52	27	47	2.02	19.6	30	208	1	R410A	4	180	LG	MULTI-VS HEAT PUMP	1, 2, 3, 4, 5	



SHEET NOTES

- 1. SEE SHEET M6.1 FOR PLUMBING DIAGRAMS.



① UNDERFLOOR - PLUMBING PLAN
1/4" = 1'-0"



CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



UNDERFLOOR - PLUMBING PLAN

AUTHOR: MEB
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -

CHECKED: RSW

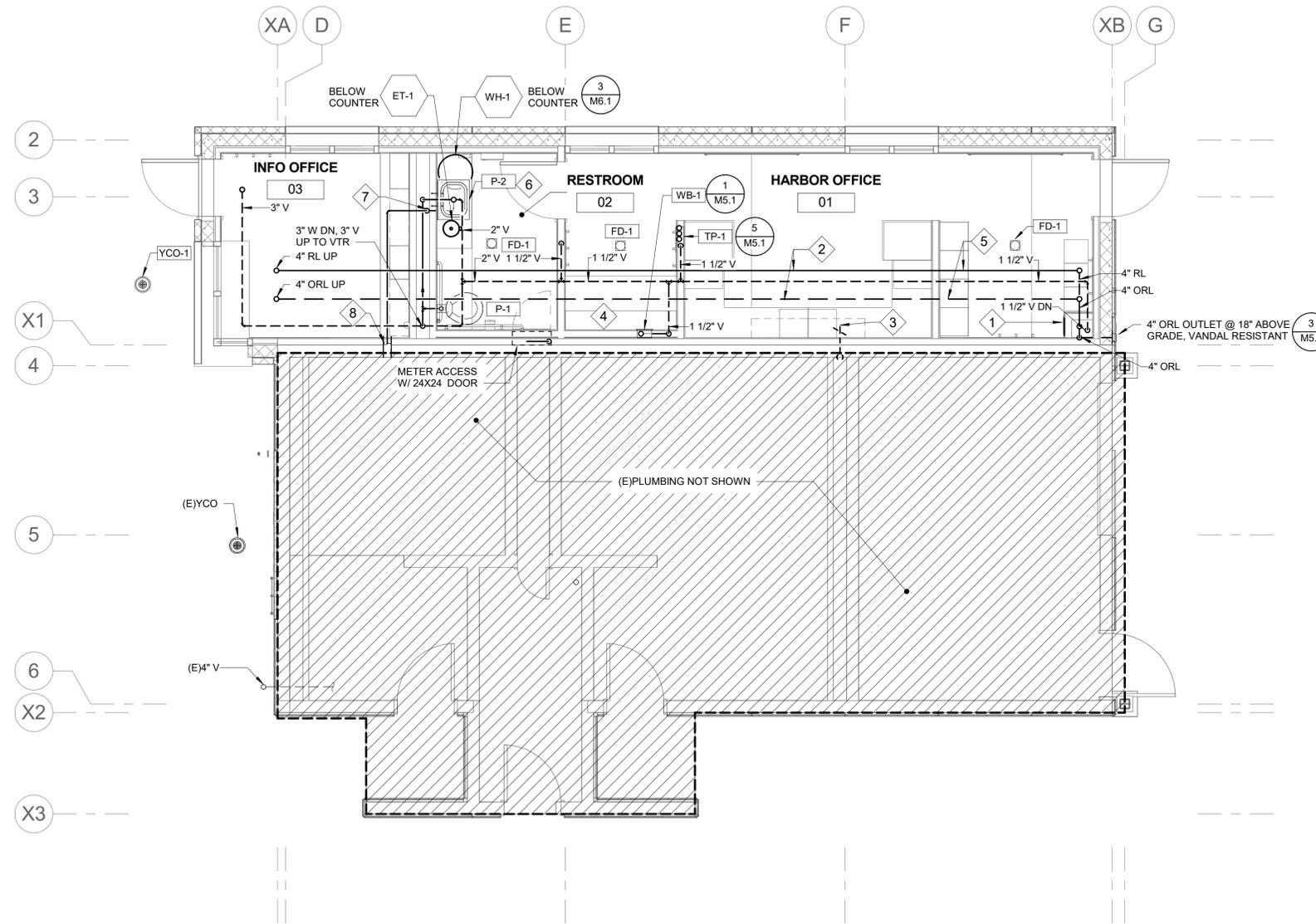
M2.0

FULL SIZE PRINTED ON 22 x 34

PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS



1 FIRST FLOOR - PLUMBING PLAN
1/4" = 1'-0"



SHEET NOTES

1. SEE SHEET M6.1 FOR PLUMBING DIAGRAMS.
2. SEE ARCHITECTURAL FOR ACCESS PANEL LOCATIONS AND SPECIFICATIONS.

SHEET KEYNOTES

- 1 ACCESS DOOR FOR CLEANOUTS AND HEAT TRACE, COORDINATE WITH ARCHITECTURAL.
- 2 RUN RL & ORL IN ATTIC SPACE BELOW MAIN ROOF.
- 3 DEMOLISH EXISTING HOSE BIB. PATCH WALL. CAP PIPING.
- 4 CLOTHES WASHER & DRYER, OWNER FURNISHED, OWNER INSTALLED.
- 5 PROVIDE ELECTRIC HEAT TRACE FOR ABOVE-GRADE RAINLEADER AND OVERFLOW RAINLEADER.
- 6 PROVIDE ASSE - 1070 COMPLIANT THERMOSTATIC MIXING VALVE ON HOT WATER SUPPLY TO PLUMBING FIXTURE P-2.
- 7 ROUTE OU-1 DRIP PAN DRAIN LINE DOWN IN WALL AT LAVATORY AND CONNECT TO AUXILIARY DRAIN FITTING ON LAVATORY TAILPIECE.
- 8 SLEEVE & SEAL ALL DUCT & PIPE WALL PENETRATIONS. PACK ANNULAR SPACE WITH MINERAL WOOL AND SEAL WITH FIRE STOPPING MASTIC.

CITY OF VALDEZ
KEELSEY DOCK INTERPRETIVE CENTER



FIRST FLOOR - PLUMBING PLAN

AUTHOR: MEB
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -

CHECKED: RSW

M2.1

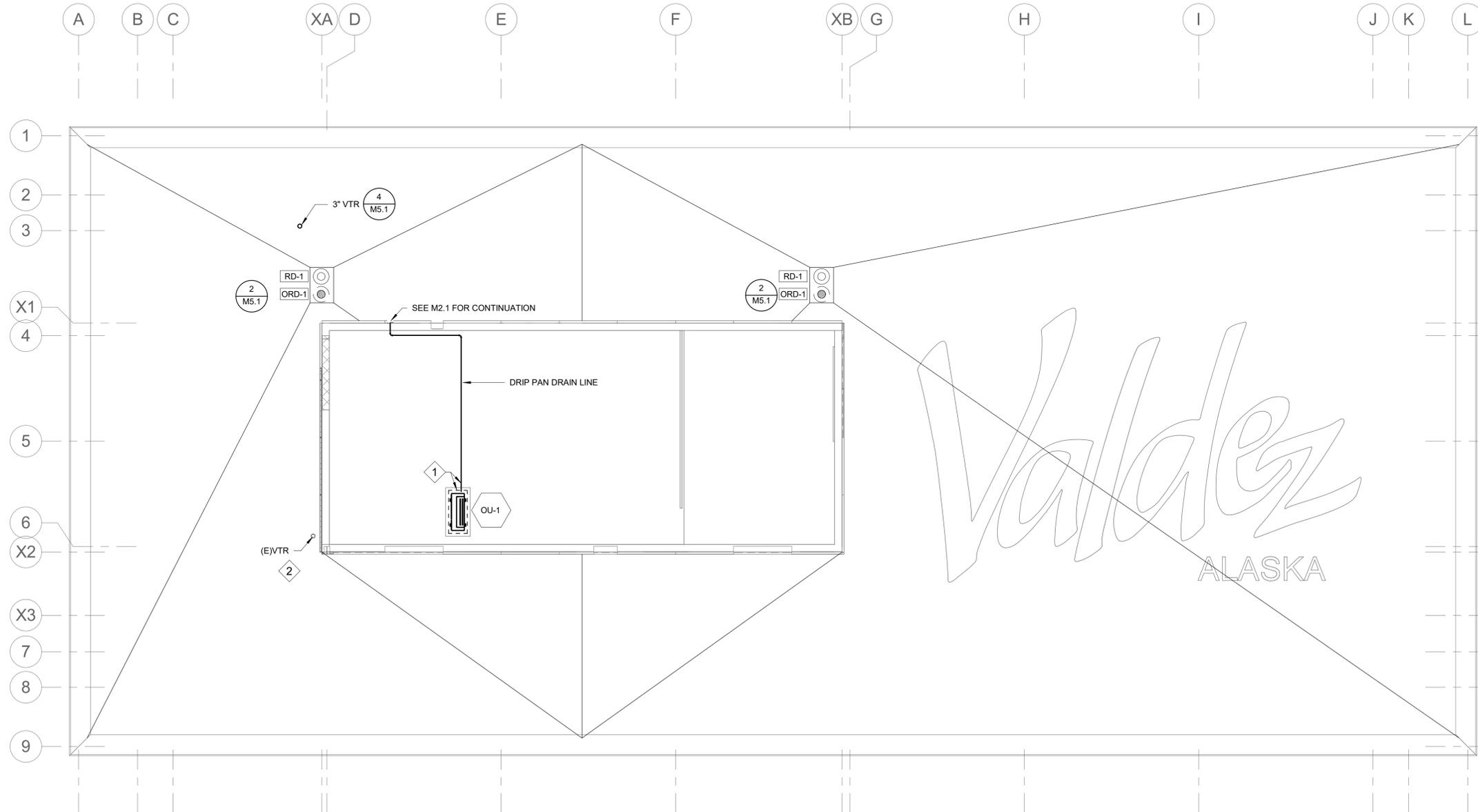
FULL SIZE PRINTED ON 22 x 34

PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS

SHEET KEYNOTES

- 1 PROVIDE CONDENSATE DRIP PAN AND DRIP PAN DRAIN LINE. HEAT TRACE DRIP PAN AND DRAIN LINE UNTIL IT EXITS MEZZANINE INTO CONDITIONED CEILING SPACE
- 2 COORDINATE PENETRATION OF NEW ROOF WITH EXISTING VENT AT RESTROOMS. REFER TO DETAIL 4/M5.1 AS SIMILAR.



1 ROOF & MEZZANINE - PLUMBING PLAN
3/16" = 1'-0"



PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605

ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

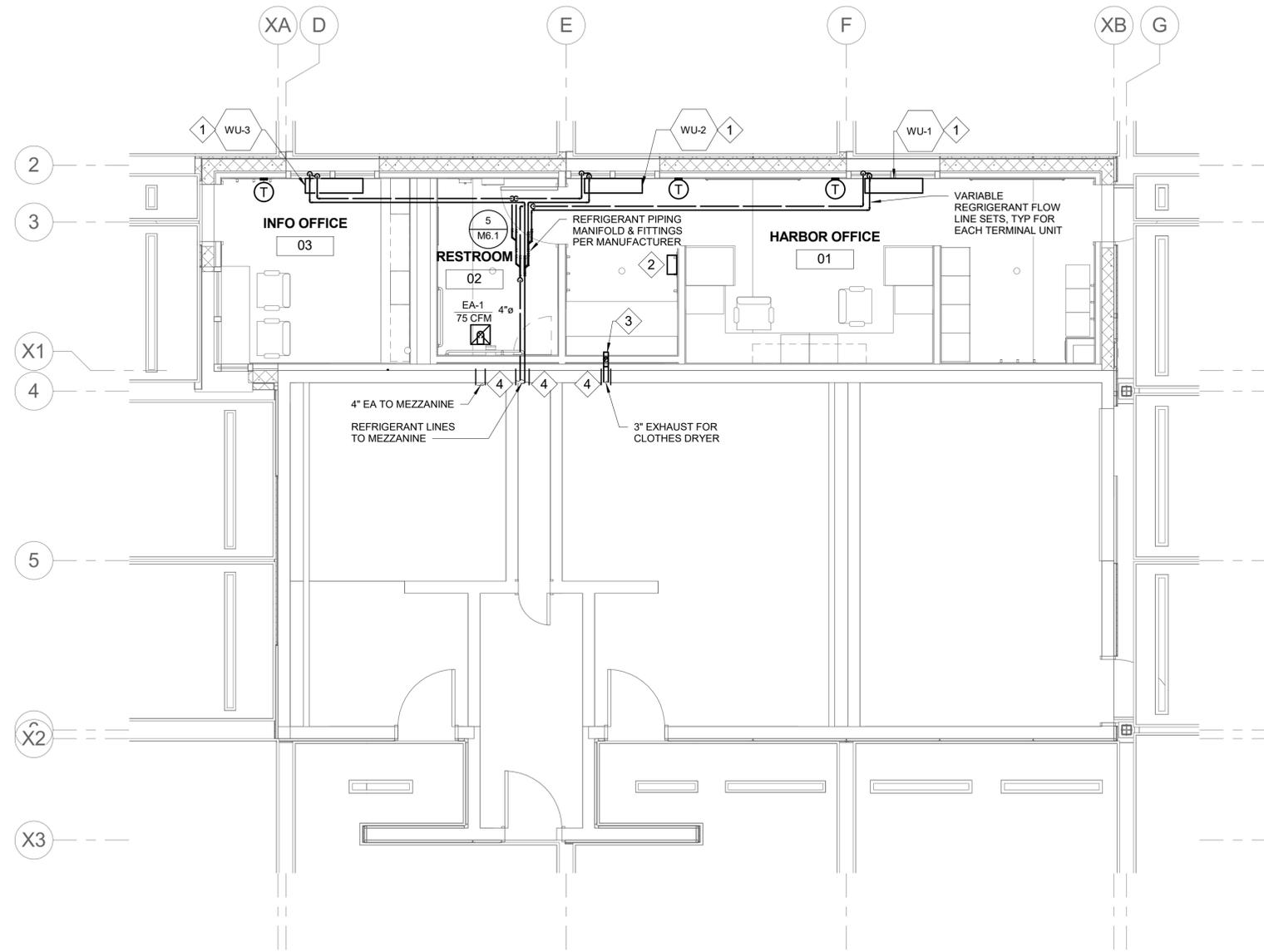
CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



ROOF & MEZZANINE - PLUMBING

PLAN
AUTHOR: MEB
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO: -
CHECKED: RSW

M2.2



1 FIRST FLOOR - HVAC PLAN
1/4" = 1'-0"



SHEET KEYNOTES

- 1 MOUNT UNITS HIGH ON WALL ABOVE WINDOW, BELOW CEILING. REFER TO ARCHITECTURAL.
- 2 HVAC UNIT MAIN CONTROLLER. COORDINATE LOCATION WITH ARCHITECTURAL.
- 3 DRYER EXHAUST. CONNECT TO OWNER FURNISHED AND INSTALLED CLOTHES DRYER, COORDINATE LOCATION.
- 4 SLEEVE & SEAL ALL DUCT & PIPE WALL PENETRATIONS. PACK ANNULAR SPACE WITH MINERAL WOOL AND SEAL WITH FIRE STOPPING MASTIC.

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



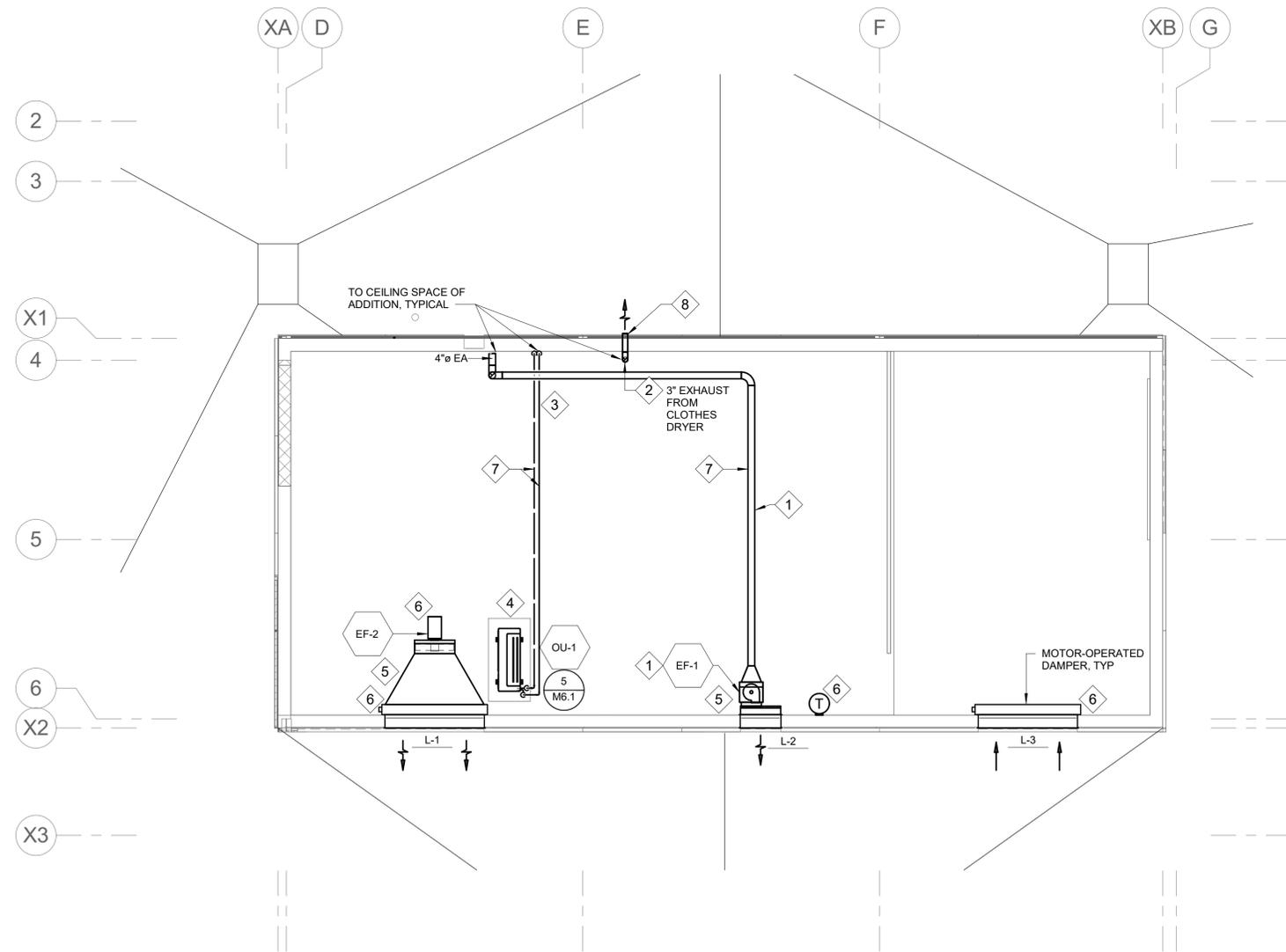
FIRST FLOOR - HVAC PLAN
 AUTHOR: MEB CHECKED: RSW
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO: -

M3.1

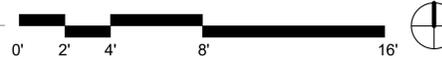
FULL SIZE PRINTED ON 22 x 34

PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS



1 ROOF & MEZZANINE - HVAC PLAN
1/4" = 1'-0"



SHEET NOTES

- 1. REFER TO ARCHITECTURAL FOR LOUVER OPENING LOCATIONS.

SHEET KEYNOTES

- 1 INSULATE TOILET ROOM EXHAUST DUCT, FAN HOUSING, & DUCT PLENUM CONNECTION.
- 2 INSULATE DRYER EXHAUST DUCT IN MEZZANINE.
- 3 INSULATE AND SUPPORT REFRIGERANT LINES PER MANUFACTURER INSTALLATION INSTRUCTIONS.
- 4 PROVIDE HOUSEKEEPING PAD. SEE STRUCTURAL.
- 5 COORDINATE WALL PENETRATIONS AND ASSOCIATED APPURTENANCES WITH EXISTING CONDUITS. SEE ELECTRICAL.
- 6 OPERATE FAN EF-2 TO MAINTAIN MEZZANINE TEMPERATURE BETWEEN 45°F AND 60°F. ON CALL TO RUN, OPEN DAMPERS AT L-3 & L-1, THEN START EF-2.
- 7 RUN PIPING AND DUCTWORK AT CEILING OR STRUCTURE.
- 8 EXHAUST HOOD, SLEEVE, AND BACKDRAFT DAMPER. TERMINATE ABOVE ROOF FLASHING. LOCATE REBAR BEFORE CUTTING HOLE. DO NOT CUT REBAR. POSITION HOLE TO AVOID REBAR. SEAL PENETRATION WEATHERTIGHT.

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

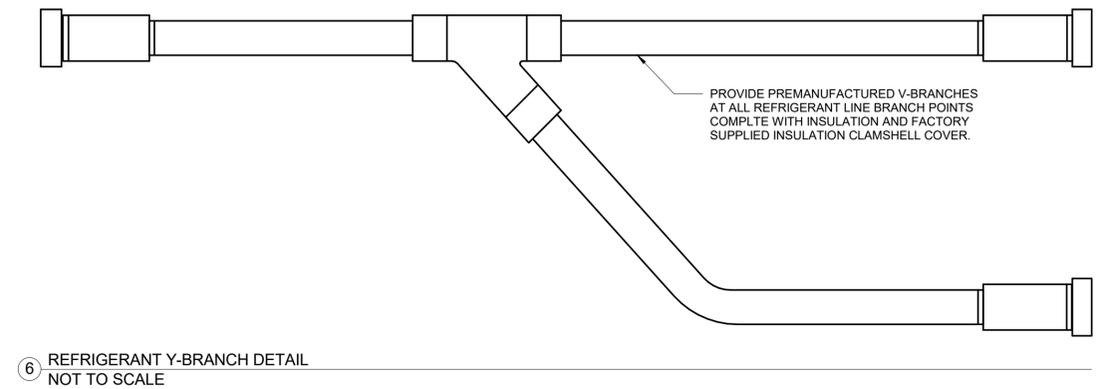
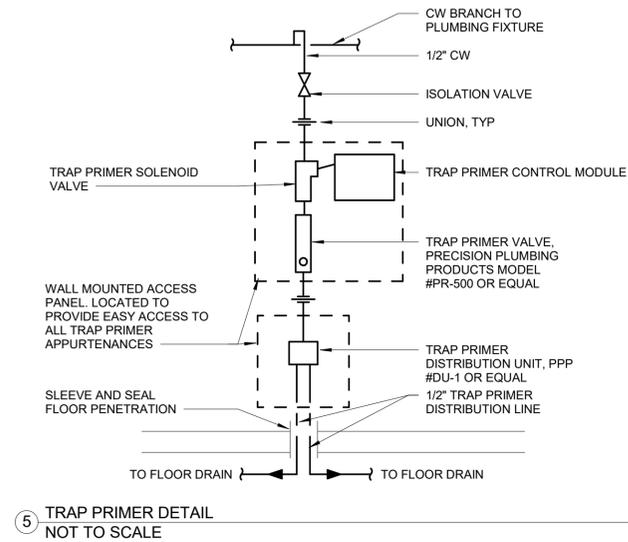
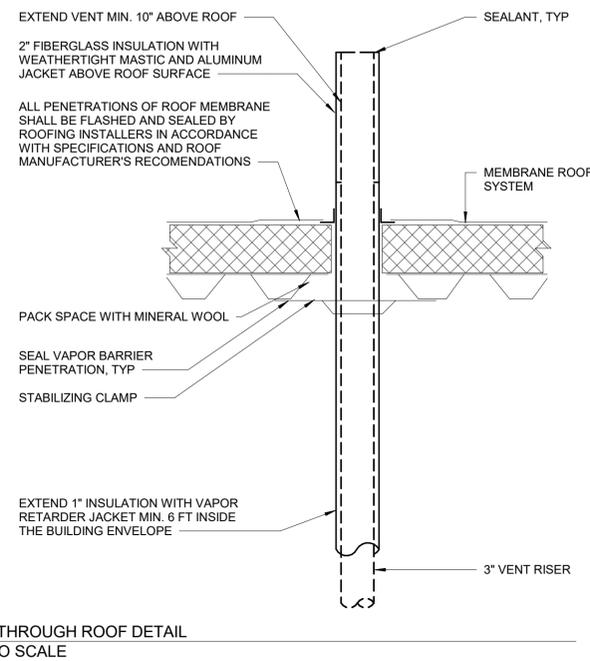
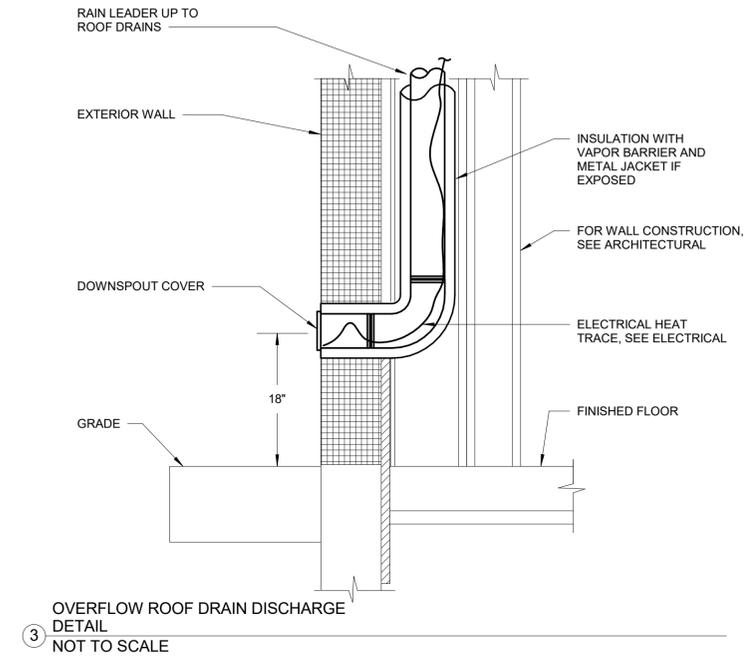
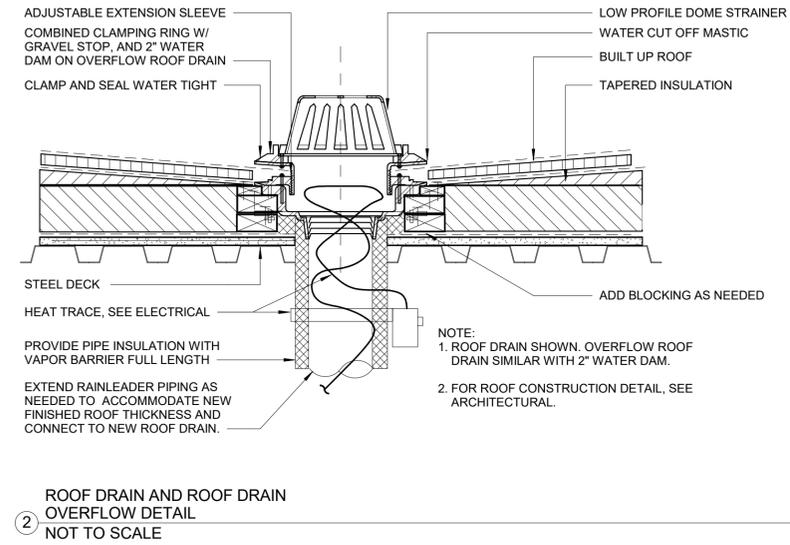
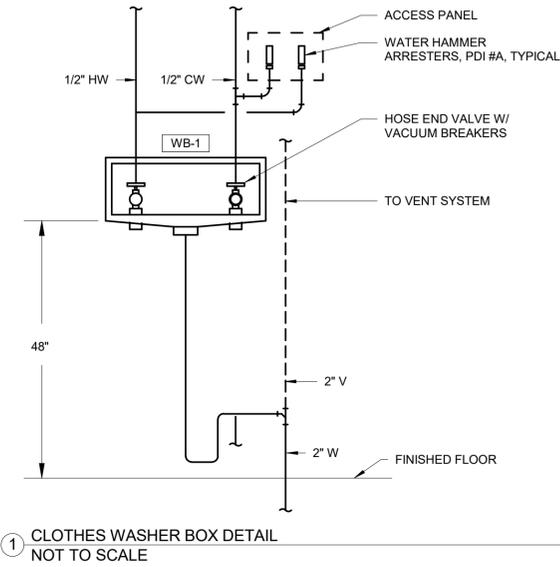


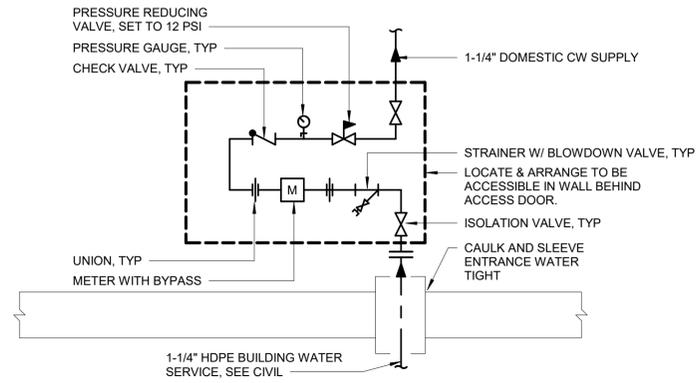
ROOF & MEZZANINE - HVAC PLAN
 AUTHOR: MEB CHECKED: RSW
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO. -

M3.2

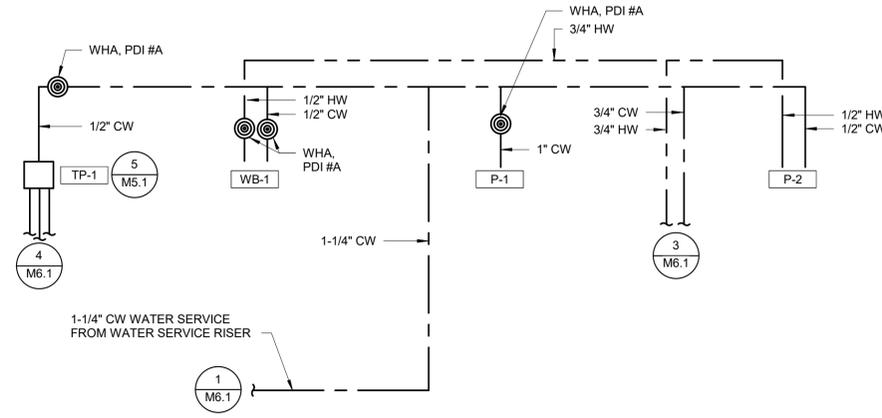
PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS

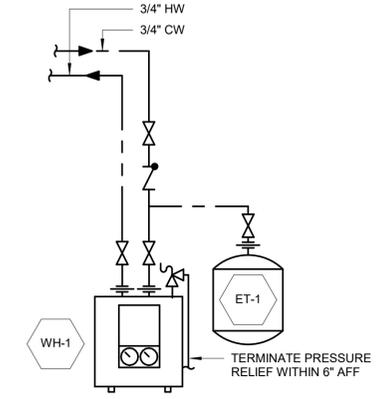




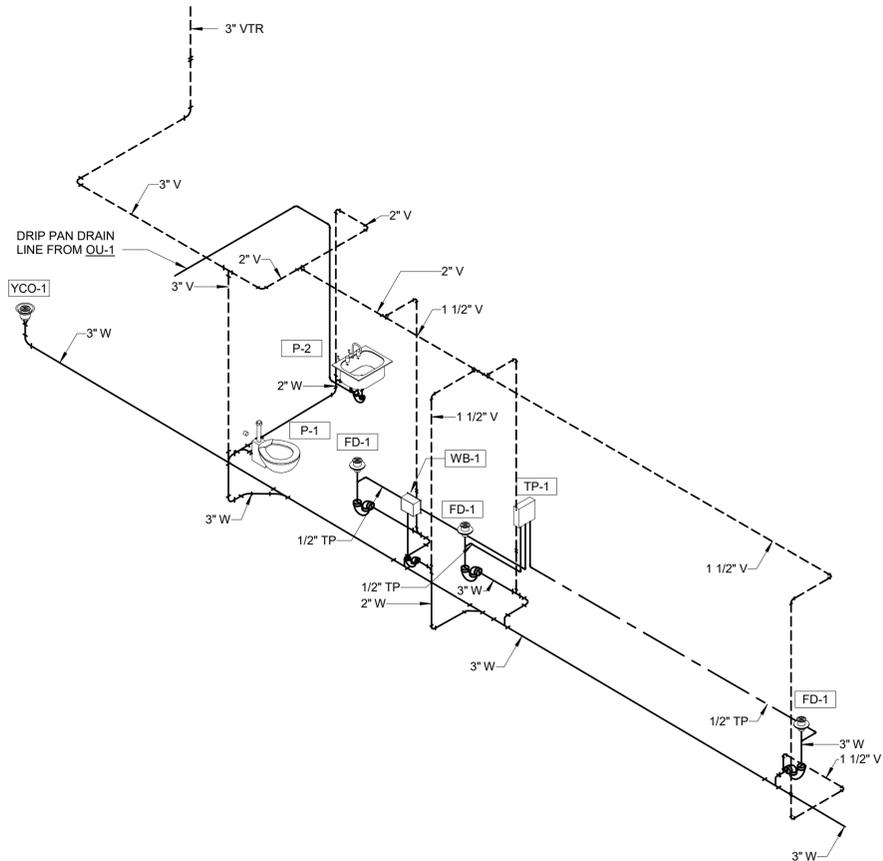
① WATER SERVICE ENTRY DIAGRAM
NO SCALE



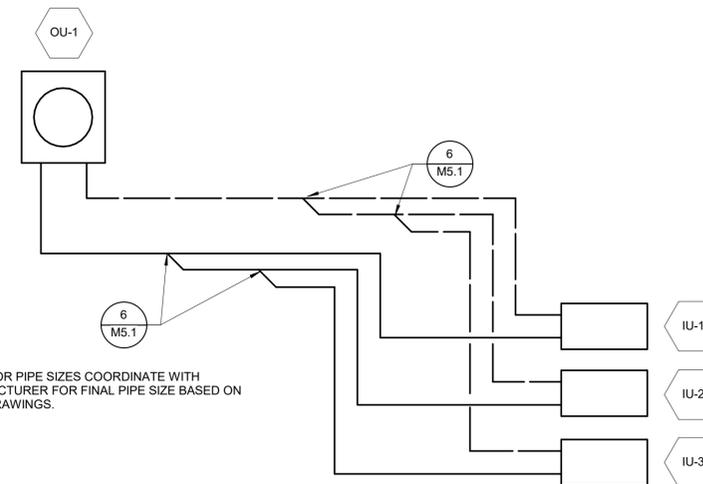
② PLUMBING DOMESTIC WATER DIAGRAM
NO SCALE



③ WATER HEATER PIPING DIAGRAM
NO SCALE



④ WASTE & VENT RISER ISOMETRIC



NOTE: FOR PIPE SIZES COORDINATE WITH MANUFACTURER FOR FINAL PIPE SIZE BASED ON SHOP DRAWINGS.

⑤ VARIABLE REFRIGERANT SCHEMATIC
NO SCALE



MECHANICAL DIAGRAMS

AUTHOR: MEB
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.: -
 CHECKED: RSW

M6.1

FULL SIZE PRINTED ON 22 x 34

CITY OF VALDEZ
 KEELSEY DOCK INTERPRETIVE CENTER

CONSTRUCTION DOCUMENTS

PDC ENGINEERS INC.

2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605

ECI ARCHITECTURE DESIGN STRATEGY

3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

SHEET INDEX - ELECTRICAL	
SHEET NUMBER	SHEET NAME
E0.1	LEGENDS & ABBREVIATIONS
E0.2	SCHEDULES
E1.1	DEMO SITE PLAN
E1.2	SITE PLAN
E2.1	ELECTRICAL - FLOOR PLAN - DEMO
E2.2	LIGHTING - FLOOR PLAN
E2.3	LIGHTING ZONES - FLOOR PLAN
E2.4	POWER & COMM - FLOOR PLAN
E2.5	ELECTRICAL - MEZZANINE PLAN
E5.1	DIAGRAMS
E6.1	PANEL SCHEDULES
E7.1	REFERENCE PHOTOS

LIGHTING SYMBOLS	
	RECESSED LUMINAIRE, 2'x4'
	RECESSED LUMINAIRE, 2'x4' EMERGENCY
	SURFACE LUMINAIRE
	SURFACE LUMINAIRE, EMERGENCY
	PENDANT LUMINAIRE
	WALL MOUNTED LUMINAIRE
	RECESSED LUMINAIRE, 1'x4'
	RECESSED LUMINAIRE, 1'x4' EMERGENCY
	POLE MOUNTED FIXTURE
	POLE MOUNTED FIXTURE

WIRING AND LIGHTING CONTROL DEVICE SYMBOLS	
S	SINGLE POLE SWITCH
S ₃	THREE-WAY SWITCH
S _a	SWITCH FOR FIXTURES MARKED "a"
S ₀	DIMMER SWITCH
	OCCUPANCY SENSOR, CEILING MOUNTED
	OCCUPANCY SENSOR WALL SWITCH
	PHOTOELECTRIC SWITCH/CONTROL
	LIGHTING CONTACTOR
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) DUPLEX RECEPTACLE
	WET-LOCATION, WEATHERPROOF DUPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE; NEMA TYPE AS INDICATED

POWER SYMBOLS	
	JUNCTION BOX
	FLOOR JUNCTION BOX
	NONFUSIBLE SWITCH
	FUSIBLE SWITCH
S _{off}	MOTOR-STARTING SWITCH, WITHOUT OVERLOAD PROTECTION
S _{disconnect}	MOTOR-STARTING SWITCH, ROOF DRAIN HEAT TRACE DISCONNECT
S _{disconnect}	MOTOR-STARTING SWITCH, RAIN LEADER HEAT TRACE DISCONNECT
	MANUAL CONTROLLER, WITH OVERLOAD PROTECTION
	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT
	VARIABLE FREQUENCY CONTROLLER
	MOTOR CONNECTION
	METER SOCKET
	BRANCH-CIRCUIT PANELBOARD; RECESSED, SURFACE
	DISTRIBUTION PANELBOARD
	BRANCH CIRCUIT HOME RUN TO PANELBOARD; NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS, PANEL AND CIRCUIT AS SHOWN

SIGNALING SYMBOLS - COMMUNICATIONS	
	TELECOMMUNICATIONS OUTLET; QTY 3 JACKS, UON.
	CONE-TYPE CEILING LOUDSPEAKER
	MICROPHONE AND 3.5MM AUDIO INPUT
	VOLUME CONTROL

SITE POWER - LINE TYPES	
	DEMOLITION UNDERGROUND DUCK BANK
	EXISTING UNDERGROUND DUCK BANK
	UNDERGROUND DUCK BANK
	DEMOLITION ELECTRICAL SECONDARY UNDERGROUND
	EXISTING ELECTRICAL SECONDARY UNDERGROUND
	ELECTRICAL SECONDARY UNDERGROUND
SITE COMMUNICATIONS - LINE TYPES	
	DEMOLITION COMMUNICATIONS UNDERGROUND
	EXISTING COMMUNICATIONS UNDERGROUND
	COMMUNICATIONS UNDERGROUND

MOUNTING HEIGHT SCHEDULE	
*SWITCHES	4'-0"
*RECEPTACLES	1'-6"
*WEATHERPROOF RECEPTACLES	2'-0"
*TELECOM OUTLETS (VOICE, DATA, VIDEO)	1'-6"
BRANCH PANELS (TOP)	6'-6"
DISCONNECT SWITCHES (TOP)	5'-6"
COMBINATION MAG. STARTER/DISC. SW. (TOP)	5'-6"
MOUNTING HEIGHTS SHALL PREVAIL ON ALL NEW CONSTRUCTION UNLESS OTHERWISE NOTED.	
MOUNTING HEIGHTS ARE TO CENTER AND ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.	
MOUNTING HEIGHTS FOR DEVICES ABOVE COUNTERS REQUIRED TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS.	
MOUNTING HEIGHTS FOR DEVICES FOR EQUIPMENT REQUIRED TO BE COORDINATED WITH ARCHITECTURAL ELEVATIONS.	
MOUNTING HEIGHTS FOR DEVICES ABOVE BASEBOARD HEATERS SHOULD BE 4" ABOVE HEATER, MOUNTED VERTICALLY.	
THESE ARE TYPICAL MOUNTING HEIGHTS. NOT ALL DEVICES ARE NECESSARILY APPLICABLE TO THIS PROJECT.	
*MOUNTING HEIGHTS COMPLY WITH ICC/ANSI A117.1-09	

GENERAL ELECTRICAL NOTES

- COMPLY WITH NFPA 70 (2014), NATIONAL ELECTRICAL CODE; NECA 1, STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION; AND NATIONAL ELECTRICAL SAFETY CODE.
- ELECTRICAL COMPONENTS, DEVICES, ASSEMBLIES, AND ACCESSORIES ARE REQUIRED TO BE LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.
- DRAWINGS SHOW THE GENERAL LOCATIONS OF THE ELECTRICAL FEATURES ONLY, UNLESS OTHERWISE INDICATED. MAKE MINOR RELOCATIONS AS REQUIRED FOR PROJECT CONDITIONS WHEN NECESSARY TO PRESENT SYMMETRICAL APPEARANCE OR TO AVOID INTERFERENCE WITH OTHER INSTALLATIONS.
- NEUTRAL CONDUCTORS SHALL NOT BE SHARED BETWEEN BRANCH CIRCUITS, UNLESS OTHERWISE INDICATED.
- PROVIDE INSULATED EQUIPMENT GROUNDING CONDUCTORS WITH ALL FEEDERS AND BRANCH CIRCUITS. TERMINATE EACH END ON SUITABLE LUG, BUS OR BUSHING. SIZE EQUIPMENT GROUNDING CONDUCTORS IN ACCORDANCE WITH NEC, UNLESS OTHERWISE INDICATED, BUT NOT SMALLER THAN NO. 12 AWG.
- MINIMUM CONDUCTOR SIZE FOR BRANCH CIRCUITS: NO. 12 AWG.
 - USE NO. 10 AWG MINIMUM FOR 15 OR 20 AMPERE, 120 VOLT BRANCH CIRCUITS LONGER THAN 65 FEET, BUT NOT GREATER THAN 100 FEET.
 - USE NO. 8 AWG MINIMUM FOR 15 OR 20 AMPERE, 120 VOLT BRANCH CIRCUITS LONGER THAN 100 FEET UNLESS OTHERWISE INDICATED.
 - USE NO. 10 AWG MINIMUM FOR 15 OR 20 AMPERE, 277 VOLT BRANCH CIRCUITS LONGER THAN 150 FEET UNLESS OTHERWISE INDICATED.

ABBREVIATIONS

#	NUMBER
(D)	DEMOLISH
(E)	EXISTING
(N)	NEW
(S)	SALVAGE
+C	ABOVE COUNTER (+8" ABOVE UON.)
+XX	DIMENSIONED HEIGHT XX INCHES AFF
A, AMP	AMPERES
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISH GRADE
AIC	AMPS INTERRUPTING CAPACITY
APPX	APPROXIMATE
ARCH	ARCHITECTURAL
BCU	BARE COPPER CONDUCTOR
BFG	BELOW FINISHED GRADE
BLDG	BUILDING
BOD	BASIS OF DESIGN
BPB	BRANCH-CIRCUIT PANELBOARD, CB BRANCHES
C	CONDUIT
CAM	CAMERA
CAT	CATEGORY
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CFOI	CONTRACTOR FURNISH OWNER INSTALL
CTRL	CONTROL
CU	COPPER
CVEA	COPPER VALLEY ELECTRIC ASSOCIATION
CVTC	COPPER VALLEY TELEPHONE COOPERATIVE
DISC	DISCONNECT
DIST	DISTRIBUTION
DWG	DRAWING
E	EAST
EBJ	EQUIPMENT BONDING JUMPER
EGB	EQUIPMENT GROUND BUS
EGC	EQUIPMENT GROUNDING CONDUCTOR
EOL	END OF LINE
FLA	FULL LOAD AMPS
FO	FIBER OPTIC
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER (5mA)
GFPE	GROUND-FAULT PROTECTION OF EQUIPMENT (30mA)
GND	GROUND OR GROUNDED
GRC	GALVANIZED RIGID STEEL CONDUIT (HOT-DIPPED)
HH	HANDHOLE
HOA	HAND-OFF-AUTO
HT	HEAT TRACE

ABBREVIATIONS

IBC	INTERNATIONAL BUILDING CODE
IMC	INTERMEDIATE METALLIC CONDUIT
JB	JUNCTION BOX
KVA	KILOVOLT AMPERES
LED	LIGHT EMITTING DIODE
MAX	MAXIMUM
MC	METAL-CLAD
MCB	MAIN CIRCUIT BREAKER
MCP	MOTOR CIRCUIT PROTECTOR
MECH	MECHANICAL
MEZ	MEZZANINE
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MVOLT	MULTI-VOLT
N	NEUTRAL, NORTH
NIC	NOT IN CONTRACT
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALL
OFOI	OWNER FURNISHED OWNER INSTALL
PA	PUBLIC ADDRESS
PC	PHOTOELECTRIC CONTROL/SWITCH
PH	PHASE
PRI	PRIMARY
RCPT	RECEPTACLE
RDHT	ROOF DRAIN HEAT TRACE
REQD	REQUIRED
REV	REVISION, REVERSE
RLHT	RAIN LEADER HEAT TACE
RMC	RIGID METAL CONDUIT (HOT-DIPPED GALVANIZED)
RRHT	RAIN LEADER RELIEF HEAT TRACE
S	SOUTH
SEC	SECONDARY
SPD	SURGE PROTECTION DEVICE
SPEC	SPECIFICATION
SS	STAINLESS STEEL, SOFT-START
SW	SWITCH
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT AMPERES
W	WATT, WEST or WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER

LINE TYPES FOR PLAN VIEWS

	DEMO WORK
	EXISTING WORK
	NEW WORK

LEGENDS & ABBREVIATIONS

AUTHOR: JDS
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.:

CHECKED: BKH



CITY OF VALDEZ
 KELSEY DOCK INTERPRETIVE CENTER

PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200/AECC605
 ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS

E0.1

FULL SIZE PRINTED ON 22 x 34

LUMINAIRE SCHEDULE						
TYPE MARK	LOAD	DESCRIPTION	MANUFACTURER	MODEL NUMBER	MOUNTING TYPE	NOTES
A1	30	RECESSED 2'X4' LED, 3000 LUMENS, 4000 K, 80 CRI, SMOOTH PRISMATIC DIFFUSER, WITH 0-10V DIMMING. PROVIDE WITH 1400 LUMEN BATTERY PACK, OPTION EL14L WHERE SHOWN AS EMERGENCY ON DRAWING.	LITHONIA	2BLT4-30L-ADSM-EZ1-LP840	RECESSED	
B1	34	4'X5" SQUARE VANITY LED, 2551 LUMENS, 3000 K, 90 CRI, ACRYLIC DIFFUSER WITH BRUSHED NICKEL HOUSING.	LITHONIA	FMVTSL-48IN-MVOLT-30K-90CRI-BN	WALL MOUNT +7'-6" AFF	
H2	125	(E) PEDESTRIAN AREA FIXTURE MOUNTED ON 15' POLE.	EXISTING	N/A	POLE, 15'	
SA-2	35	2-5/16" WIDE, 3-1/2" TALL, 25-3/8" LONG, LINEAR COVE LED WITH ASYMETRICAL WALL WASH DISTRIBUTION, ADDITIVE RED, GREEN, BLUE, AND WHITE 4000 K COLOR CHANGING, SLIM ADJUSTABLE MOUNTING, DIMMING, CORROSION-RESISTANT COATING, WITH CUSTOM COLOR AND FINISH.	LUMENPULSE	LOG-277-24-RGBW-WWXF-SAM-CC-LT-ETE-CRC	SURFACE	1, 2, 3
SA-3	52	2-5/16" WIDE, 3-1/2" TALL, 37-3/8" LONG, LINEAR COVE LED WITH ASYMETRICAL WALL WASH DISTRIBUTION, ADDITIVE RED, GREEN, BLUE, AND WHITE 4000 K COLOR CHANGING, SLIM ADJUSTABLE MOUNTING, DIMMING, CORROSION-RESISTANT COATING, WITH CUSTOM COLOR AND FINISH.	LUMENPULSE	LOG-277-36-RGBW-WWXF-SAM-CC-LT-ETE-CRC	SURFACE	1, 2, 3
SA-4	65	2-5/16" WIDE, 3-1/2" TALL, 49-3/8" LONG, LINEAR COVE LED WITH ASYMETRICAL WALL WASH DISTRIBUTION, ADDITIVE RED, GREEN, BLUE, AND WHITE 4000 K COLOR CHANGING, SLIM ADJUSTABLE MOUNTING, DIMMING, CORROSION-RESISTANT COATING, WITH CUSTOM COLOR AND FINISH.	LUMENPULSE	LOG-277-48-RGBW-WWXF-SAM-CC-LT-ETE-CRC	SURFACE	1, 2, 3
SB-1	10	1'X4" RECESSED LINEAR LED WITH ASYMMETRIC WALL WASH DISTRIBUTION, 625 LUMENS PER FOOT, 4000 K, 0-10V DIMMING TO 1%, WITH HARD SURFACE MOUNTING.	FOCAL POINT	FSM4AL-FFL-625LF-40K-1C-UNV-L11-XFN-WH-1'	RECESSED	
SB-5	42	5'X4" RECESSED LINEAR LED WITH ASYMMETRIC WALL WASH DISTRIBUTION, 625 LUMENS PER FOOT, 4000 K, 0-10V DIMMING TO 1%, WITH HARD SURFACE MOUNTING.	FOCAL POINT	FSM4AL-FFL-625LF-40K-1C-UNV-L11-XFN-WH-5'	RECESSED	
SB-7	60	7'X4" RECESSED LINEAR LED WITH ASYMMETRIC WALL WASH DISTRIBUTION, 625 LUMENS PER FOOT, 4000 K, 0-10V DIMMING TO 1%, WITH HARD SURFACE MOUNTING.	FOCAL POINT	FSM4AL-FFL-625LF-40K-1C-UNV-L11-XFN-WH-7'	RECESSED	
SC-3	30	3'X4" RECESSED LINEAR LED DOWNLIGHT, 625 LUMENS PER FOOT, 4000 K, 0-10V DIMMING TO 1%, FLUSH SATIN LENS, WET LISTED, WITH HARD SURFACE MOUNTING, WET LISTED.	FOCAL POINT	FSM4LWL-FL-625LF-40K-1C-UNV-L11-XFN-WH-3'	RECESSED	
SC-7	30	7'X4" RECESSED LINEAR LED DOWNLIGHT, 625 LUMENS PER FOOT, 4000 K, 0-10V DIMMING TO 1%, FLUSH SATIN LENS, WET LISTED, WITH HARD SURFACE MOUNTING, WET LISTED.	FOCAL POINT	FSM4LWL-FL-625LF-40K-1C-UNV-L11-XFN-WH-7'	RECESSED	
SD	38	5-1/2" SQUARE SINGLE HEAD LED, HIGH OUTPUT, 2900 NOMINAL LUMENS, 3500 K, 80 CRI, 40 DEGREE WIDE FLOOD DISTRIBUTION, MVOLT, 0-10V DIMMING, IP66 RATED, WITH SILVER FINISH AND HALF SNOOT.	ECOSENSE	F170-1S-HO-35-8-40-S-H-C	YOKE, AT GRADE	

NOTES:

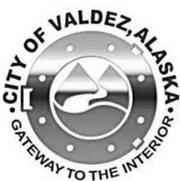
- CUSTOM LUMINAIRE FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
- COORDINATE LEFT OR RIGHT FEED OPTION WITH LIGHTING LAYOUT AND MANUFACTURER PRIOR TO ORDER.
- CONTRACTOR TO PROVIDE ALL ACCESSORIES AND CONTROLS REQUIRED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS INCLUDING: LUMENTONE LTN CONTROLLERS AND POWER SUPPLIES, CBX CONTROL BOXES, LUMENTALKID LID-LT CONTROLLERS, LEADER CABLES LOGLC-UL-ETE-XX-BK, AND JUMPER CABLES LOGJC-UL-ETE-XX-BK.

MECHANICAL EQUIPMENT SCHEDULE					
TYPE MARK	DESCRIPTION	LOAD	VOLTAGE	AMPERAGE	PHASE
EF-1	EXHAUST FAN	140 VA	120 V	2 A	1
EF-2	EXHAUST FAN	140 VA	120 V	2 A	1
ORD-HT	OVERFLOW ROOF DRAIN HEAT TRACE	300 VA	120 V	3 A	1
ORL-HT	OVERFLOW RAINLEADER HEAT TRACE	300 VA	120 V	2 A	1
OU-1	OUTDOOR UNIT	3182 VA	208 V	20 A	1
RD-HT	ROOF DRAIN HEAT TRACE	300 VA	120 V	3 A	1
TP-1	TRAP PRIMER	28 VA	120 V	1 A	1
WH-1	WATER HEATER	1997 VA	208 V	10 A	1
WU-1	WALL UNIT	35 VA	208 V	1 A	1
WU-2	WALL UNIT	35 VA	208 V	1 A	1
WU-3	WALL UNIT	35 VA	208 V	1 A	1

GENERAL LIGHTING SCHEDULE NOTES

- LUMINAIRES SHALL BE SUITABLE FOR CONNECTION TO VOLTAGE INDICATED, AND SHALL BE MVOLT WITH VOLTAGE INDICATED IF AVAILABLE, UON.
- CONFIRM FINAL COLORS WITH ARCHITECTURAL PRIOR TO ORDERING.
- CONTRACTOR TO PROVIDE MOUNTING OPTIONS AS REQUIRED FOR LOCATION SHOWN ON PLANS. COORDINATE MOUNTING WITH ARCHITECTURAL DETAILING.

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER

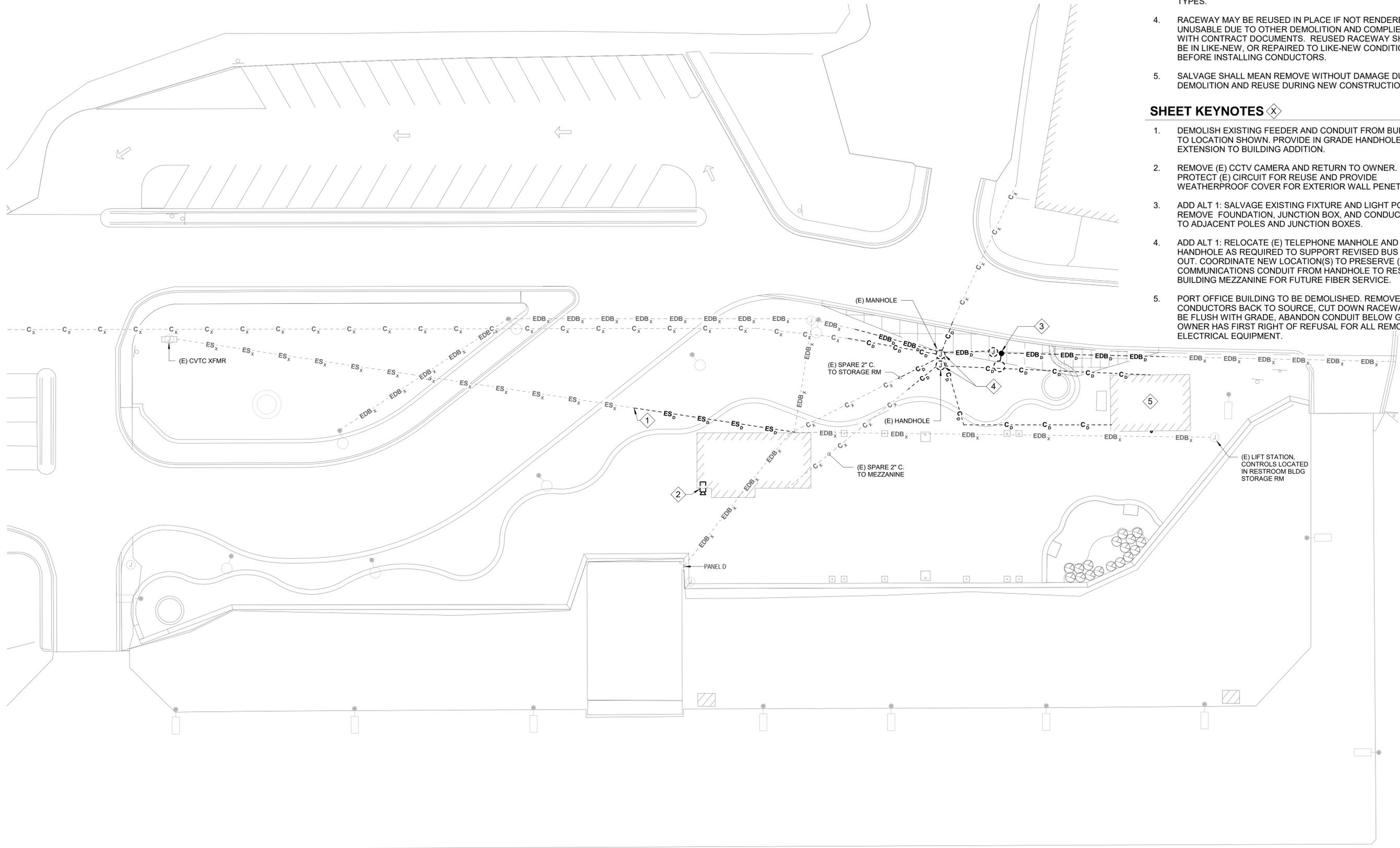


SCHEDULES

AUTHOR: JDS
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -
CHECKED: BKH

E0.2

PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009
CONSTRUCTION DOCUMENTS



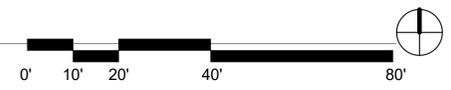
SHEET NOTES

1. EXISTING ELECTRICAL CONDITIONS BASED ON RECORD DOCUMENTS, CONTRACTOR SHALL VERIFY.
2. REMOVE ALL ELECTRICAL EQUIPMENT ON THE DEMOLITION PLANS SHOWN AS DEMO AND ALL ASSOCIATED CONDUCTORS AND RACEWAY, UON. REFER TO E0.1 FOR SITE LINE TYPES.
3. ELECTRICAL EQUIPMENT SHOWN AS EXISTING INDICATES EXISTING TO REMAIN, UON. REFER TO E0.1 FOR SITE LINE TYPES.
4. RACEWAY MAY BE REUSED IN PLACE IF NOT RENDERED UNUSABLE DUE TO OTHER DEMOLITION AND COMPLIES WITH CONTRACT DOCUMENTS. REUSED RACEWAY SHALL BE IN LIKE-NEW, OR REPAIRED TO LIKE-NEW CONDITION BEFORE INSTALLING CONDUCTORS.
5. SALVAGE SHALL MEAN REMOVE WITHOUT DAMAGE DURING DEMOLITION AND REUSE DURING NEW CONSTRUCTION.

SHEET KEYNOTES

1. DEMOLISH EXISTING FEEDER AND CONDUIT FROM BUILDING TO LOCATION SHOWN. PROVIDE IN GRADE HANDHOLE FOR EXTENSION TO BUILDING ADDITION.
2. REMOVE (E) CCTV CAMERA AND RETURN TO OWNER. PROTECT (E) CIRCUIT FOR REUSE AND PROVIDE WEATHERPROOF COVER FOR EXTERIOR WALL PENETRATION.
3. ADD ALT 1: SALVAGE EXISTING FIXTURE AND LIGHT POLE. REMOVE FOUNDATION, JUNCTION BOX, AND CONDUCTORS TO ADJACENT POLES AND JUNCTION BOXES.
4. ADD ALT 1: RELOCATE (E) TELEPHONE MANHOLE AND HANDHOLE AS REQUIRED TO SUPPORT REVISED BUS PULL-OUT. COORDINATE NEW LOCATION(S) TO PRESERVE (E) 2" COMMUNICATIONS CONDUIT FROM HANDHOLE TO RESTROOM BUILDING MEZZANINE FOR FUTURE FIBER SERVICE.
5. PORT OFFICE BUILDING TO BE DEMOLISHED. REMOVE CONDUCTORS BACK TO SOURCE, CUT DOWN RACEWAYS TO BE FLUSH WITH GRADE. ABANDON CONDUIT BELOW GRADE. OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL REMOVED ELECTRICAL EQUIPMENT.

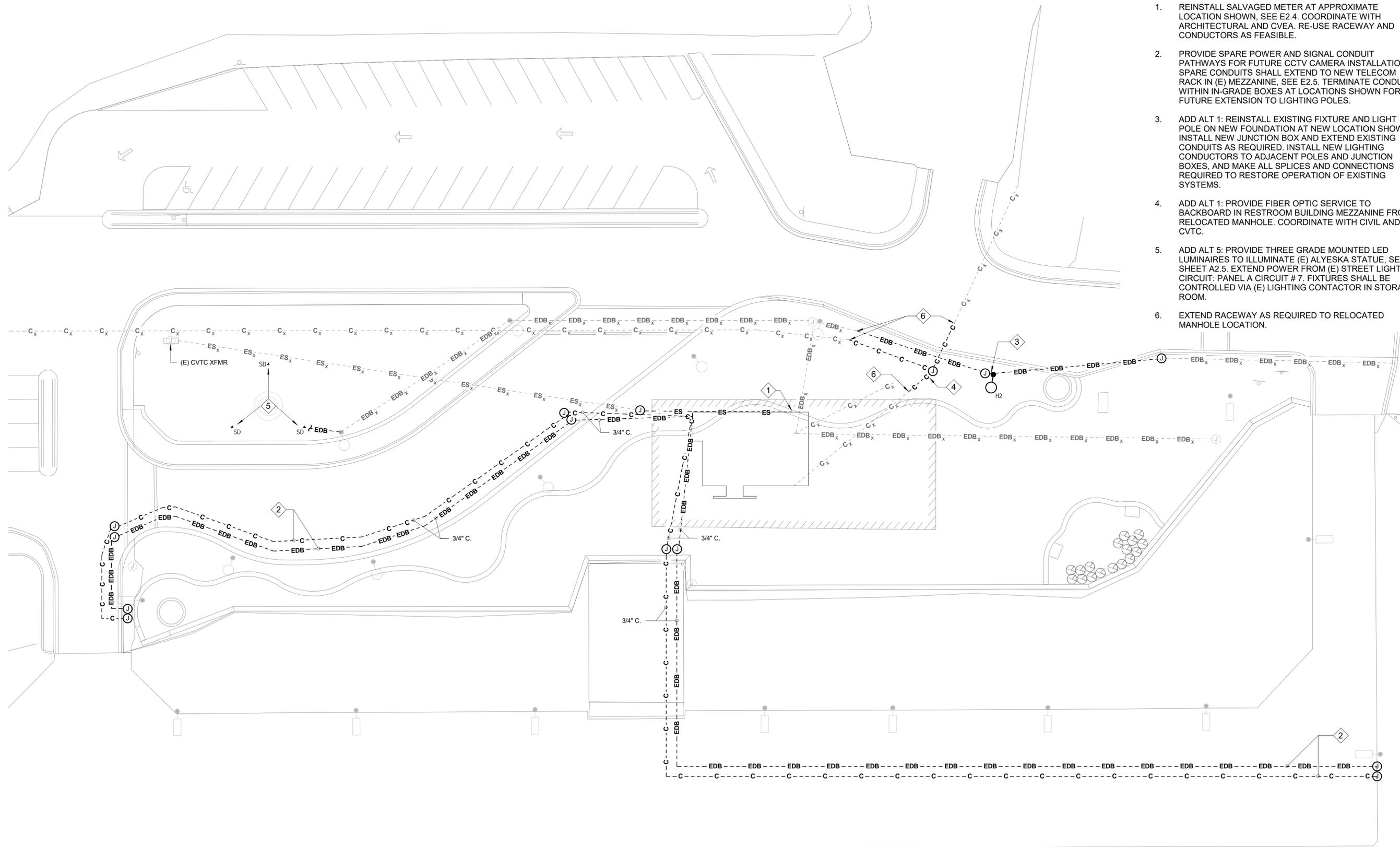
1 ELECTRICAL - SITE PLAN - DEMO
1" = 20'-0"



PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009



DEMO SITE PLAN
 AUTHOR: JDS
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.: -
 CHECKED: BKH



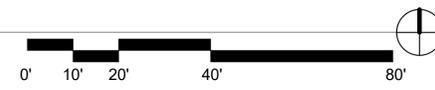
SHEET NOTES

1. OWNER SHALL PROVIDE FIBER OPTIC NETWORK SWITCH TO SUPPORT DATA IN ADDED OFFICES.

SHEET KEYNOTES X

1. REINSTALL SALVAGED METER AT APPROXIMATE LOCATION SHOWN. SEE E2.4. COORDINATE WITH ARCHITECTURAL AND CVEA. RE-USE RACEWAY AND CONDUCTORS AS FEASIBLE.
2. PROVIDE SPARE POWER AND SIGNAL CONDUIT PATHWAYS FOR FUTURE CCTV CAMERA INSTALLATIONS. SPARE CONDUITS SHALL EXTEND TO NEW TELECOM RACK IN (E) MEZZANINE. SEE E2.5. TERMINATE CONDUITS WITHIN IN-GRADE BOXES AT LOCATIONS SHOWN FOR FUTURE EXTENSION TO LIGHTING POLES.
3. ADD ALT 1: REINSTALL EXISTING FIXTURE AND LIGHT POLE ON NEW FOUNDATION AT NEW LOCATION SHOWN. INSTALL NEW JUNCTION BOX AND EXTEND EXISTING CONDUITS AS REQUIRED. INSTALL NEW LIGHTING CONDUCTORS TO ADJACENT POLES AND JUNCTION BOXES, AND MAKE ALL SPLICES AND CONNECTIONS REQUIRED TO RESTORE OPERATION OF EXISTING SYSTEMS.
4. ADD ALT 1: PROVIDE FIBER OPTIC SERVICE TO BACKBOARD IN RESTROOM BUILDING MEZZANINE FROM RELOCATED MANHOLE. COORDINATE WITH CIVIL AND CVTC.
5. ADD ALT 5: PROVIDE THREE GRADE MOUNTED LED LUMINAIRES TO ILLUMINATE (E) ALYESKA STATUE. SEE SHEET A2.5. EXTEND POWER FROM (E) STREET LIGHTING CIRCUIT: PANEL A CIRCUIT # 7. FIXTURES SHALL BE CONTROLLED VIA (E) LIGHTING CONTACTOR IN STORAGE ROOM.
6. EXTEND RACEWAY AS REQUIRED TO RELOCATED MANHOLE LOCATION.

1 ELECTRICAL - SITE PLAN
1" = 20'-0"



PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200(AECC605)

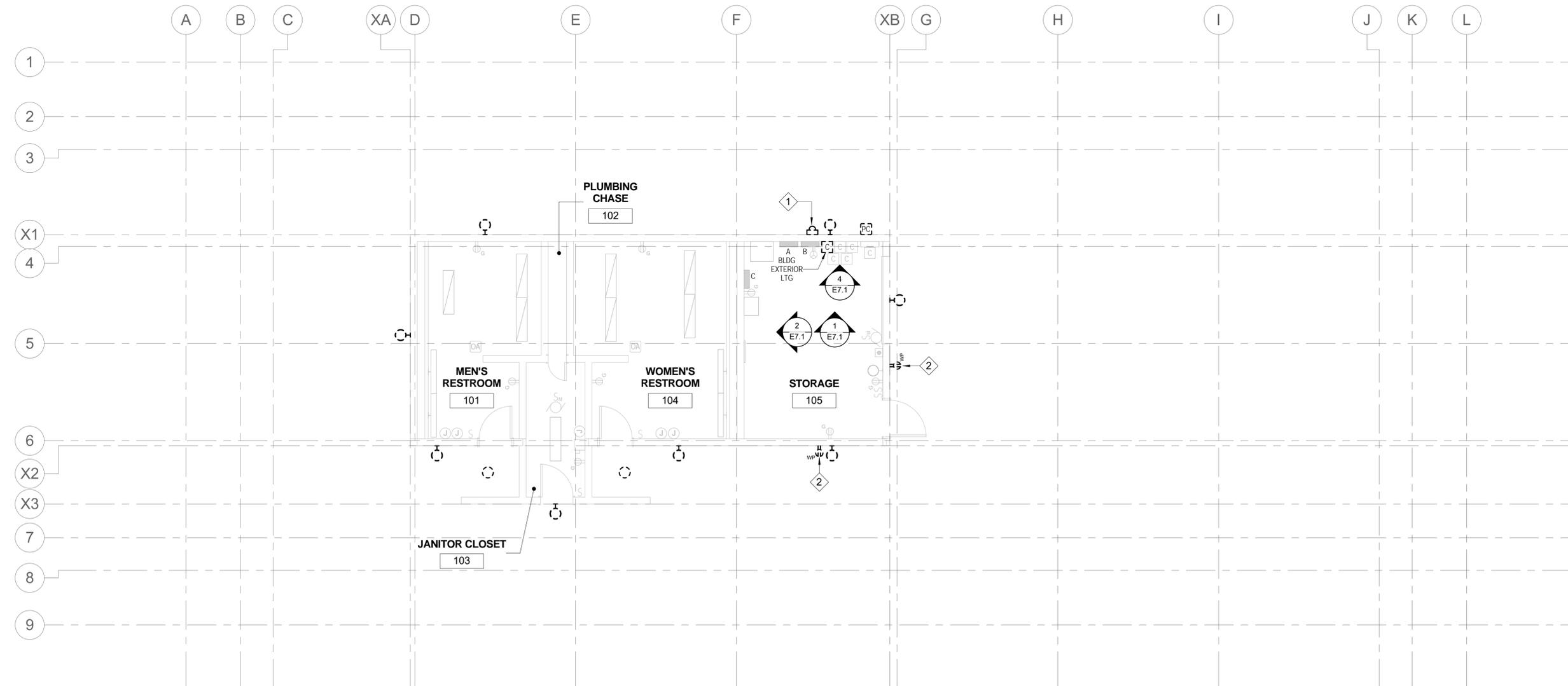
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



SITE PLAN
 AUTHOR: JDS
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.:

CHECKED: BKH

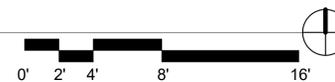


SHEET NOTES

1. EXISTING ELECTRICAL CONDITIONS BASED ON RECORD DOCUMENTS, CONTRACTOR SHALL VERIFY.
2. REMOVE ALL ELECTRICAL EQUIPMENT ON THE DEMOLITION PLANS SHOWN IN DASHED LINES AND ALL ASSOCIATED CONDUCTORS AND RACEWAY, UNLESS OTHERWISE INDICATED.
3. ELECTRICAL EQUIPMENT ON THE DEMOLITION PLAN SHOWN IN THIN SOLID LINES INDICATES EXISTING TO REMAIN, UNLESS OTHERWISE INDICATED.
4. RACEWAY MAY BE REUSED IN PLACE IF NOT RENDERED UNUSABLE DUE TO OTHER DEMOLITION AND COMPLIES WITH CONTRACT DOCUMENTS. REUSED RACEWAY SHALL BE IN LIKE-NEW, OR REPAIRED TO LIKE-NEW CONDITION BEFORE INSTALLING CONDUCTORS.
5. SALVAGE SHALL MEAN REMOVE WITHOUT DAMAGE DURING DEMOLITION AND REUSE DURING NEW CONSTRUCTION.

SHEET KEYNOTES

1. SALVAGE ELECTRICAL METER FOR REINSTALLATION, CVEA METER NUMBER: 96 333 312. SEE SHEET E2.4.
2. DEMOLISH DEVICE TO SUPPORT REVISED WALL FINISH. PROTECT CONDUCTORS AND PATHWAY FOR REUSE.



LIGHTING PLAN NOTES

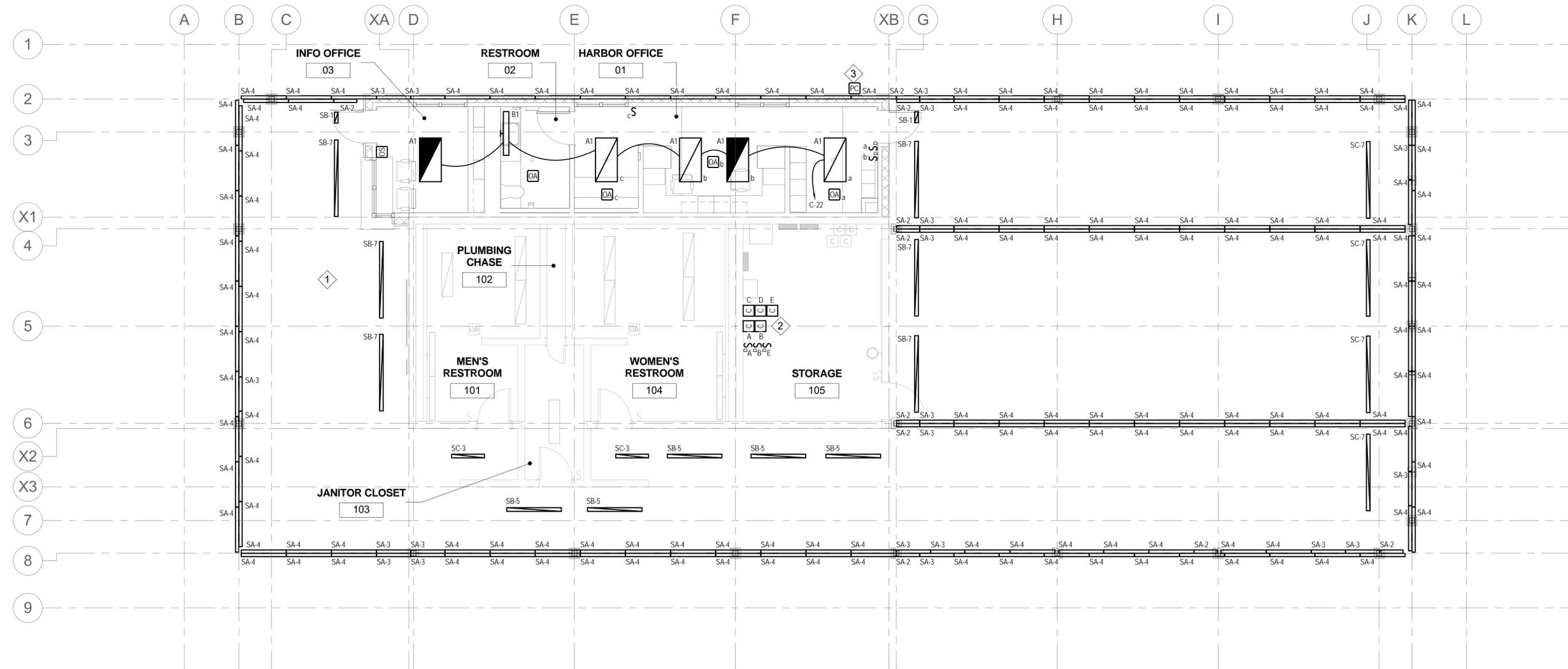
1. LIGHTING FIXTURES POWERED FROM EXISTING PANELBOARD A IN STORAGE 105, UNLESS OTHERWISE INDICATED. SEE 1/E5.1 FOR EXTERIOR LIGHTING CIRCUITS AND CONTROL.
2. ROOMS SHOWING FIXTURE LAYOUT ONLY SHALL BE SWITCHED BY SWITCHES AND/OR OCCUPANCY SENSORS SHOWN IN THE ROOM UNLESS DESIGNATED AS NIGHT LIGHTS.
3. RECESSED AND SEMIRECESSED LIGHTING FIXTURES SHALL BE CONNECTED BY A FLEXIBLE METAL CONDUIT DIRECTLY TO A JUNCTION BOX, SUCH THAT EACH FIXTURE CAN BE REMOVED AND DISCONNECTED INDEPENDENTLY OF OTHER LIGHT FIXTURES. FIXTURE TO FIXTURE CONNECTIONS SHALL NOT BE ALLOWED.

LIGHTING PLAN NOTES CONT.

4. COORDINATE LIGHTING FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS. REFER TO ARCHITECTURAL MOUNTING DETAILS.
5. THE PLAN DRAWINGS INDICATE THE TYPE OF OCCUPANCY SENSORS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE FINAL LOCATIONS, ORIENTATIONS, AND QUANTITY OF DEVICES PER MANUFACTURERS RECOMMENDATIONS.

SHEET KEYNOTES

1. COORDINATE LOCATION OF EXTERIOR FIXTURES WITH ARCHITECTURAL AND STRUCTURAL. EXTERIOR FIXTURES SHALL BE CONTROLLED VIA LIGHTING CONTACTORS IN STORAGE 105.
2. PROVIDE CONTACTORS WITH HOA SWITCH FOR CONTROL OF EXTERIOR LIGHTING UNDER CANOPY. LOCATE WITHIN AVAILABLE SPACE IN STORAGE 105. SEE SHEET E2.3 FOR LIGHTING ZONES AND 1/E5.1 FOR LIGHTING CONTROL DIAGRAM.
3. INSTALL PHOTOCELL BELOW CANOPY ADDITION IN APPROXIMATE LOCATION SHOWN.



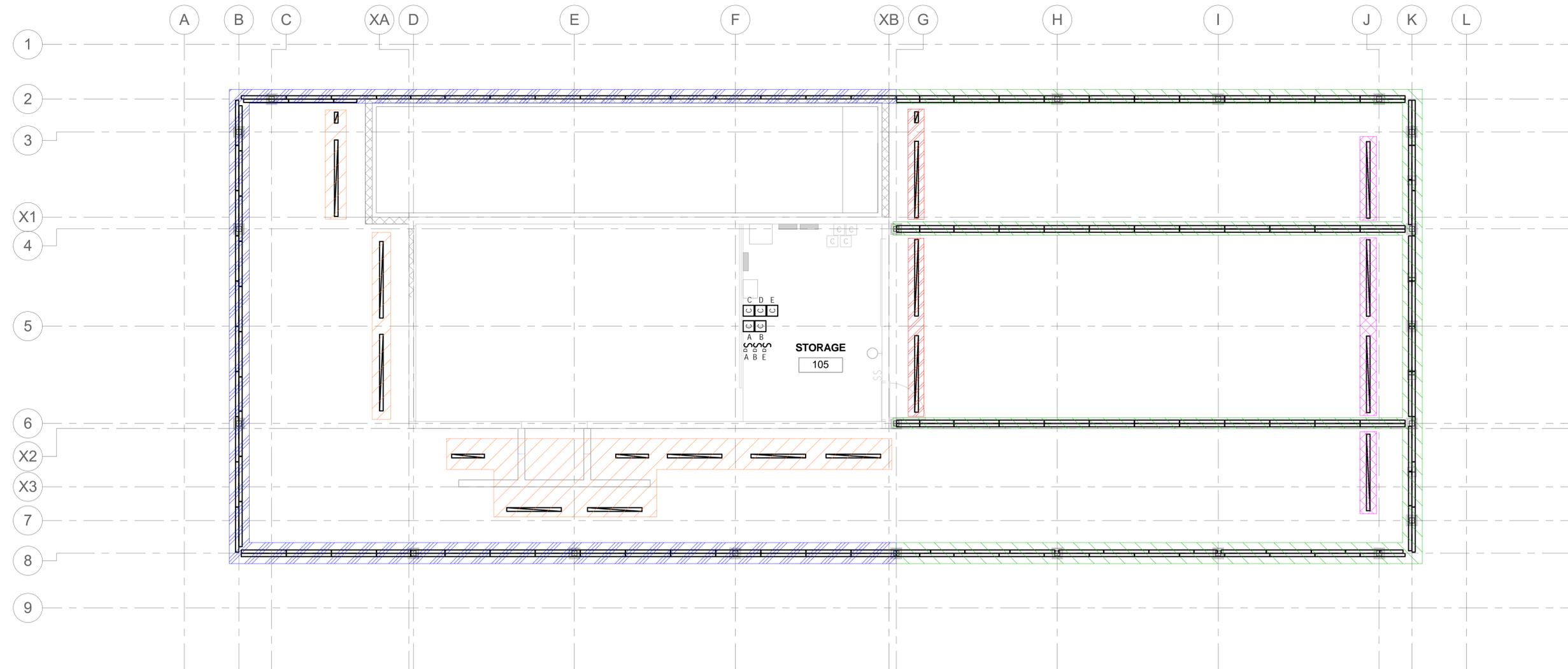
1 LIGHTING - FLOOR PLAN
3/16" = 1'-0"



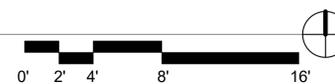
SHEET NOTES

- SEE SHEET E2.2 FOR LUMINAIRE TYPES AND 1/E5.1 FOR LIGHTING CONTROL DIAGRAM.

LIGHTING ZONES LEGEND		
AREA		CONTROL TYPE(S)
	LIGHTING ZONE A - WEST CANOPY	EXTERIOR PHOTOCELL, AUTO-ON/AUTO-OFF; HAND/OFF/AUTO OVERRIDE, DIMMING
	LIGHTING ZONE B - EAST CANOPY	EXTERIOR PHOTOCELL, AUTO-ON/AUTO-OFF; HAND/OFF/AUTO OVERRIDE, DIMMING
	LIGHTING ZONE C - SOUTH & WEST WALL WASH	EXTERIOR PHOTOCELL, AUTO-ON/AUTO-OFF; HAND/OFF/AUTO OVERRIDE
	LIGHTING ZONE D - EAST WALL WASH	EXTERIOR PHOTOCELL, AUTO-ON/AUTO-OFF; HAND/OFF/AUTO OVERRIDE
	LIGHTING ZONE E - EAST DOWNLIGHT	EXTERIOR PHOTOCELL, AUTO-ON/AUTO-OFF; HAND/OFF/AUTO OVERRIDE, DIMMING



1 LIGHTING ZONES - FLOOR PLAN
3/16" = 1'-0"



CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



LIGHTING ZONES - FLOOR PLAN
AUTHOR: JDS
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO.:

CHECKED: BKH

BRIAN K. HAYDEN
REGISTERED PROFESSIONAL ENGINEER

E2.3

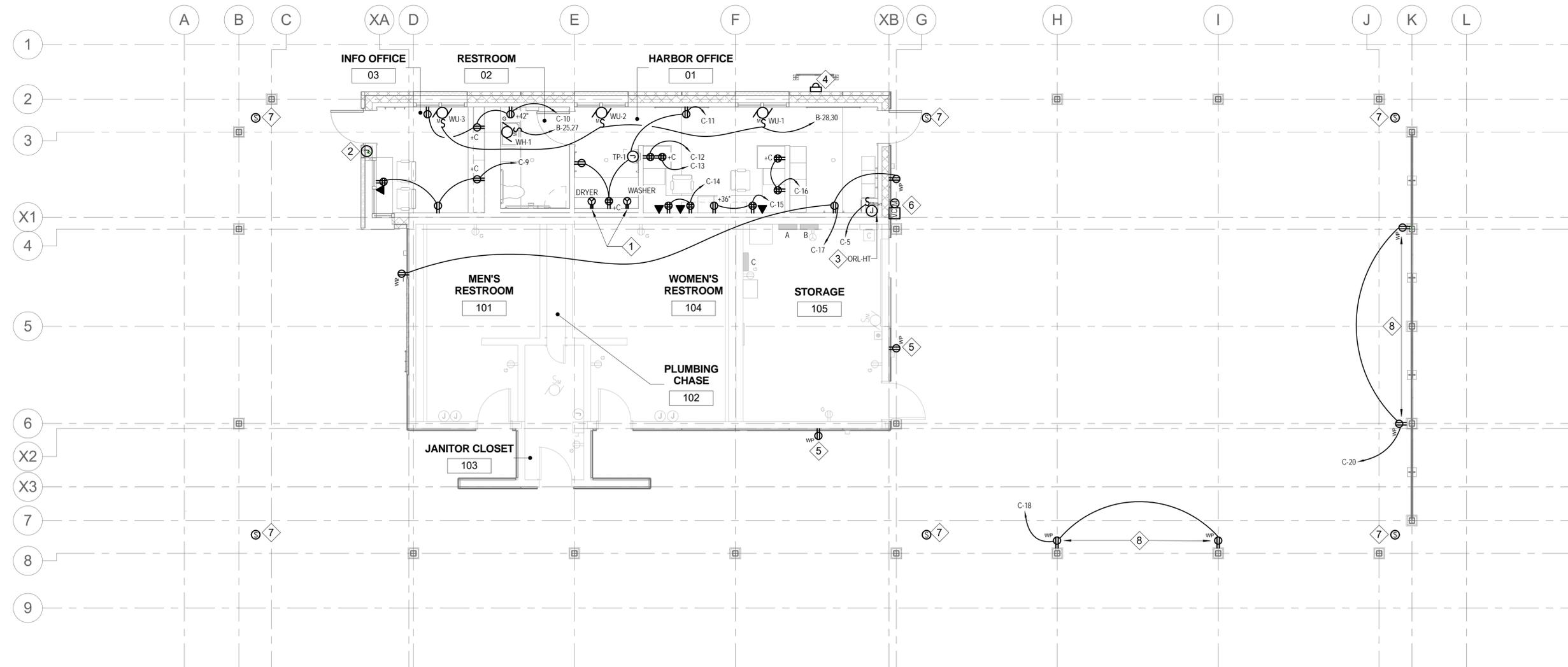
FULL SIZE PRINTED ON 22 x 34

PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

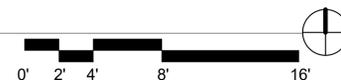
CONSTRUCTION DOCUMENTS

SHEET KEYNOTES 

1. COORDINATE WASHER AND DRYER ELECTRICAL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN INCLUDING CIRCUIT BREAKER, RACEWAY, RECEPTACLE TYPE, AND CONDUCTOR SIZES. EQUIPMENT TO BE FED FROM (E) PANEL C IN STORAGE 105.
2. PROVIDE 1 @ 1-1/2" POWER RACEWAY FROM STORAGE 105 TO FUTURE OFOI CAMERAS. SEE E1.2.
3. PROVIDE HEAT TRACE FOR RAIN LEADER OVERFLOW. PROVIDE END OF LINE KIT WITH DISCONNECT SWITCH AND LED INDICATOR LIGHT AND LOCATE IN ACCESSIBLE LOCATION.
4. RELOCATE METER TO APPROX LOCATION SHOWN. COORDINATE WITH ARCHITECT AND CVEA. RE-USE RACEWAY AND CONDUCTORS AS FEASIBLE. NO SPLICES ON SERVICE LATERAL ARE PERMITTED.
5. INSTALL NEW RECEPTACLE AND BOX EXTENSION TO SUPPORT REVISED WALL FINISH. CONNECT TO (E) CONDUCTORS.
6. ADD ALT. 4: PROVIDE REMOTE VOLUME CONTROL AND AUXILIARY INPUT FOR NEW SOUND SYSTEM IN FLUSH MOUNTED WP LOCKABLE ENCLOSURE.
7. ADD ALT. 4: PROVIDE RECESSED SPEAKERS FOR SOUND SYSTEM. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. MOUNT RECEPTACLE AND BOX ON COLUMN, SEE ARCHITECTURAL. BOX BOD IS LEVITON 1GM73-GY WITH SHALLOW WP COVER.



1 POWER & COMM - FLOOR PLAN
3/16" = 1'-0"



PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009



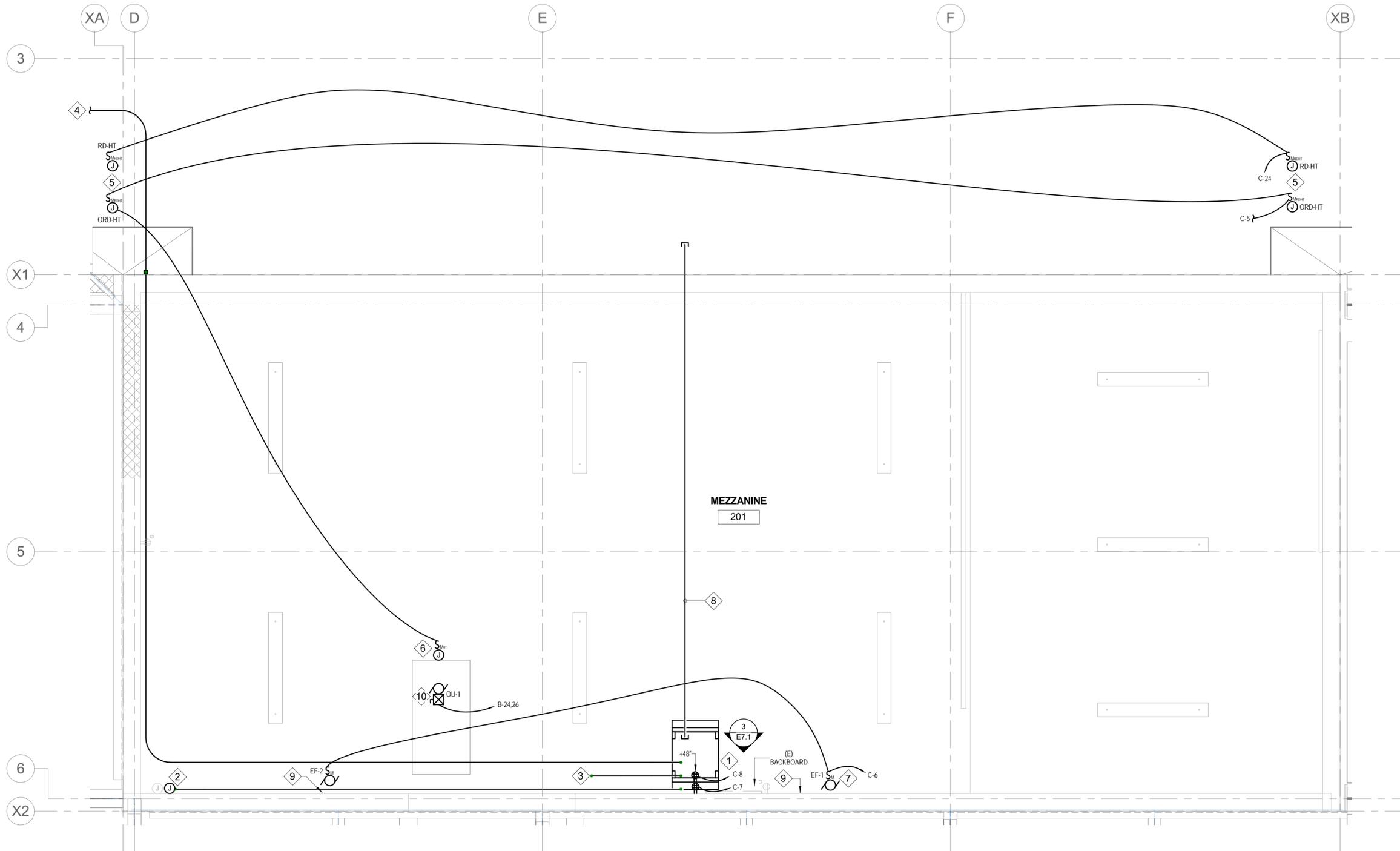
POWER & COMM - FLOOR PLAN
 AUTHOR: JDS
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.: -
 CHECKED: BKH

SHEET KEYNOTES

1. PROVIDE NEW LOCKABLE FULL HEIGHT TELECOMMUNICATIONS RACK WITH STRIP HEATER ADJACENT BACKBOARD. RACK SHALL SUPPORT RELOCATED CVTC EQUIPMENT, CFCI EQUIPMENT, SOUND SYSTEM EQUIPMENT AND HAVE AVAILABLE SPACE FOR FUTURE OFOI CCTV EQUIPMENT (FROM PORT OFFICE). SEE E5.1 FOR TELECOM RACK ELEVATION. CABINET SHALL HAVE FRONT AND REAR ACCESS.
2. PROVIDE 1 @ 3/4" CONDUIT FROM TELECOM RACK TO LOCATION SHOWN FOR FUTURE CCTV EQUIPMENT. COORDINATE CONDUIT INSTALLATION WITH MECHANICAL EQUIPMENT.
3. PROVIDE 1 @ 2" CONDUIT FROM TELECOM RACK TO ROOF FOR FUTURE VHF RADIO ANTENNA.
4. PROVIDE 2 @ 3/4" CONDUITS FROM TELECOM RACK TO FUTURE CCTV LOCATIONS ON SITE, SEE E1.2.
5. PROVIDE HEAT TRACE FOR ROOF DRAIN AND OVERFLOW ROOF DRAIN. PROVIDE END OF LINE KIT WITH DISCONNECT SWITCH AND LED INDICATOR LIGHT AND LOCATE IN ACCESSIBLE LOCATION.

SHEET KEYNOTES CONT.

6. PROVIDE HEAT TRACE WITH END OF LINE KIT AND DISCONNECT SWITCH FOR OU-1 DRAIN PAN AND DRAIN LINE. COORDINATE WITH MECHANICAL AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
7. EXHAUST FAN EF-1 SHALL BE CONTROLLED VIA OCCUPANCY SENSOR IN RESTROOM, SEE SHEET E2.2.
8. PROVIDE 2 @ 2" CONDUITS FROM CABINET VICINITY TO ACCESSIBLE CEILING SPACE.
9. RELOCATE (E) CONDUIT ON WALL AS REQUIRED TO SUPPORT MECHANICAL EQUIPMENT INSTALLATION.
10. PROVIDE POWER AND CONTROL WIRING FOR OUTDOOR UNIT TOUCHSCREEN CONTROLLER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS (INCLUDING CONTROL TRANSFORMER). CONTROLLER LOCATED IN HARBOR OFFICE 01.



1 ELECTRICAL - MEZZANINE PLAN
1/2" = 1'-0"

CITY OF VALDEZ
KELSEY DOCK INTERPRETIVE CENTER



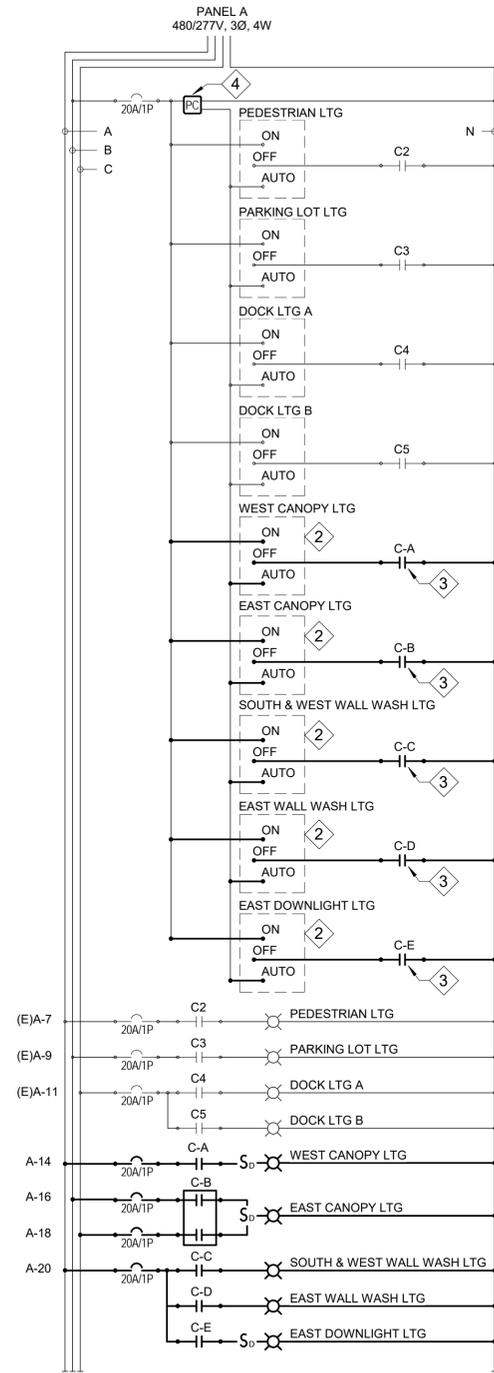
ELECTRICAL - MEZZANINE PLAN
AUTHOR: JDS
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -
CHECKED: BKH

E2.5

FULL SIZE PRINTED ON 22 x 34

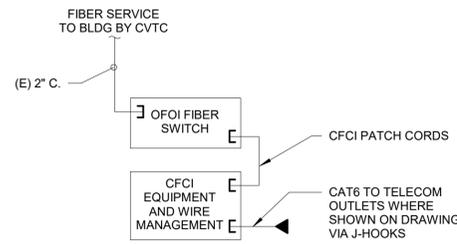
PDC ENGINEERS INC.
2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
907.743.3200/AECC605
ECI ARCHITECTURE DESIGN STRATEGY
3909 ARCTIC BOULEVARD, SUITE 103
ANCHORAGE, ALASKA 99503 907.561.5543
PROJECT NO. 17-0009

CONSTRUCTION DOCUMENTS



- NOTES:**
1. MOUNT LIGHTING CONTROLS IN NEMA 1 ENCLOSURES IN STORAGE ROOM 105.
 2. ON-OFF-AUTO SWITCH, SQUARE D #KS43B OR APPROVED EQUAL.
 3. 30A CONTACTOR WITH NUMBER OF POLES AS REQUIRED, PLUS (1) SPARE POLE. CONTACTOR SHALL BE ELECTRICALLY HELD WITH 277V COIL, SQUARE D TYPE LO OR APPROVED EQUAL.
 4. 277V ADJUSTABLE PHOTOCELL, SEE PLAN FOR LOCATIONS.

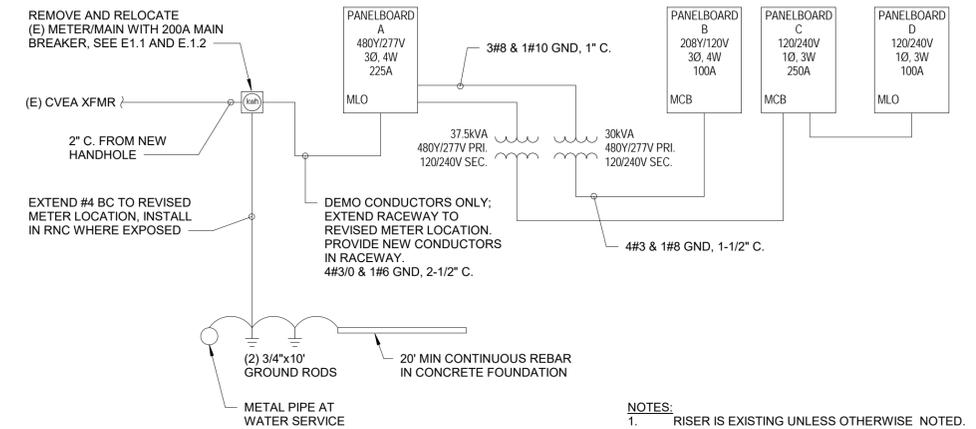
1 LIGHTING CONTROL DIAGRAM
NO SCALE



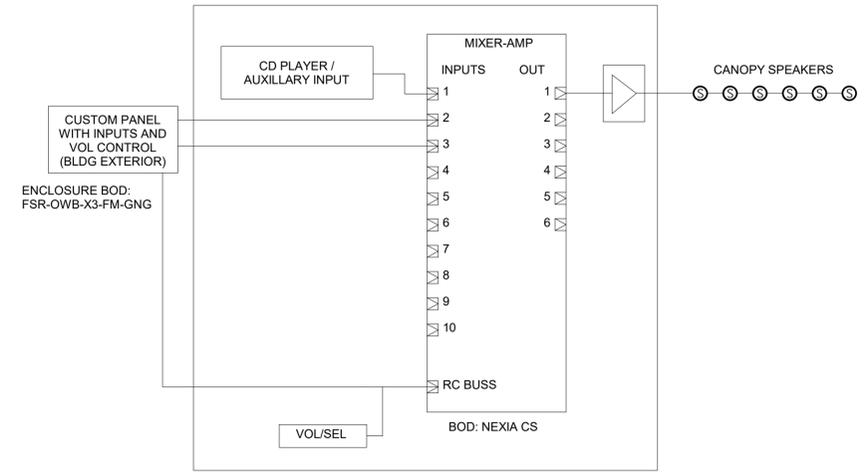
TELECOM CABINET ELEVATION			
FRAME TYPE: LOCKABLE CABINET			
RACK ITEM	RMS	USE	NOTES
SPACE	1		
EQUIP	1	FAN	
SPACE	1		
EQUIP	1	GROUND BUS BAR	
FIBER	1	OFOI FIBER SWITCH	
SPACE	30	FUTURE OFOI EQUIPMENT	
P STRIP	1		
SPACE	2		
EQUIP	1	OFOI NETWORK SWITCH	
48 CAT 6	2	HORIZONTAL PATCH PANEL CAT 6	
CBL MGMT	1	HORIZONTAL CABLE MANAGEMENT	
SPACE	9		
EQUIP	1	FAN	
SPACE	2		
EQUIP	3	LOCAL VOL./SEL CONTROL	
SPACE	1		
EQUIP	1	CD PLAYER / AUX INPUT	
SPACE	1		
EQUIP	1	SOUND SYSTEM MIXER/AMP	
SPACE	1		
EQUIP	2	SOUND SYSTEM AMP	
SPACE	1		
P STRIP	1		
SPACE	1		
EQUIP	1	GROUND BUS BAR	
SPACE	2		
EQUIP	1	2 @ 750W STRIP HEATERS	
SPACE	1		
MIN. RMS	72		

KEY	DESCRIPTION
CBL MGMT	HORIZONTAL CABLE MANAGEMENT
FIBER	FIBER INTERCONNECT TRAY AND PATCH PANEL
SPACE	EMPTY SPACE LEFT IN RACK
XXX CAT 6	(XXX=JACKS) HORIZONTAL PATCH PANEL CAT 6
P STRIP	HORIZONTAL POWER STRIP
EQUIP	EQUIPMENT

2 TELECOM RISER DIAGRAM
NO SCALE



3 ELECTRICAL RISER DIAGRAM
NO SCALE



4 SOUND SYSTEM DIAGRAM - ADD ALT. 4
NO SCALE



PANELBOARD C															
VOLTAGE: 120/240 Single BUS AMPS: 250 A MAIN: MCB				SPECIFICATION TYPE: EXISTING MIN AIC RATING: 10,000 CIRCUITS: 42				ENCLOSURE: TYPE 1 MOUNTING: SURFACE LOCATION: STORAGE 105							
LOAD	CIRCUIT DESCRIPTION	NOTES	AMPS	P	CKT	CONNECTED VA		CONNECTED VA		CKT	P	AMPS	NOTES	CIRCUIT DESCRIPTION	LOAD
						PH A	PH B	PH A	PH B						
--	(E) UNKNOWN LOAD		20 A	1	1	500		7040		2	2	60 A		PANEL D	9
--	(E) UNKNOWN LOAD		20 A	1	3		500			4	--	--		--	--
2	HEAT TRACE - OVERFLOW ROOF DRAINS, OU-1...	2	20 A	1	5	900		280		6	1	20 A		EF-1, EF-2 - MEZZANINE 201	5; 9
2	COMM CABINET RCPT - MEZZANINE 201		20 A	1	7		360			8	1	20 A		COMM CABINET RCPT AT 48" - MEZZANINE 201	2
2	RCPT - INFO OFFICE		20 A	1	9	1080		1080		10	1	20 A		RCPT - INFO OFFICE, RESTROOM	2
2; 5	RCPT, TP-1 - LAUNDRY HARBOR OFFICE 01		20 A	1	11		1108			12	1	20 A		DED. RCPT - HARBOR OFFICE 01	2
2	DED. RCPT - HARBOR OFFICE 01		20 A	1	13	360		720		14	1	20 A		WORKSTATION RCPT - HARBOR OFFICE 01	2
2	WORKSTATION RCPT - HARBOR OFFICE 01		20 A	1	15		720			16	1	20 A		RCPT HARBOR OFFICE 01	2
2	RCPT - HARBOR OFFICE LOCKERS, BLDG EXT.		20 A	1	17	1080		720		18	1	20 A		RCPT - EXTERIOR SOUTH COLUMNS	2
--	SPARE - FOR WASHER	3	20 A	1	19		0			20	1	20 A		RCPT - EXTERIOR EAST COLUMNS	2
--	SPARE - FOR DRYER	3	40 A	2	21	0		184		22	1	20 A		INTERIOR LTG	1
--	SPARE		--	--	23	0		0		24	1	20 A	2	HEAT TRACE - ROOF DRAINS	5; 9
--	SPARE		20 A	1	25	0		0		26	1	20 A		SPARE	--
--	SPARE		20 A	1	27	0		0		28	1	20 A		SPARE	--
--	SPACE W/ HARDWARE		--	--	29	0		0		30	--	--		SPACE W/ HARDWARE	--
--	SPACE W/ HARDWARE		--	--	31	0		0		32	--	--		SPACE W/ HARDWARE	--
--	SPACE W/ HARDWARE		--	--	33	0		0		34	--	--		SPACE W/ HARDWARE	--
--	SPACE W/ HARDWARE		--	--	35	0		0		36	--	--		SPACE W/ HARDWARE	--
--	SPACE W/ HARDWARE		--	--	37	0		0		38	--	--		SPACE W/ HARDWARE	--
--	SPACE W/ HARDWARE		--	--	39	0		0		40	--	--		SPACE W/ HARDWARE	--
--	SPACE W/ HARDWARE		--	--	41	0		0		42	--	--		SPACE W/ HARDWARE	--
TOTAL LOAD:						PH A CONN	PH B CONN								
TOTAL AMPS:						13944 VA	12488 VA								
PHASE BALANCE:						116 A	104 A								
PERCENT:						A-B									
						12 %									
LOAD SUMMARY AND CODE DEFINITIONS	CONNECTED LOAD	NEC	ESTIMATED DEMAND	PANEL TOTALS		NOTES:									
1 LIGHTING =	184 VA	125%	230 VA	TOTAL CONN LOAD:	26 kVA	1. PANEL SCHEDULE INCLUDES EXISTING AND NEW LOADS. CONTRACTOR SHALL VERIFY THAT EXISTING FEEDER CONDUCTORS HAVE CAPACITY TO SUPPORT REVISED LOAD.									
2 RECEPTACLES =	9360 VA	10K+50%	9360 VA	TOTAL EST DEMAND:	26 kVA	2. GFPE BREAKER (30mA).									
3 MOTORS =	0 VA	100%	0 VA	TOTAL CONN:	110 A	3. CONTRACTOR TO COORDINATE EQUIPMENT REQUIREMENTS WITH OWNER.									
4 LARGEST MOTOR =	0 VA	125%	0 VA	TOTAL EST DEMAND:	110 A										
5 MISC. NON-CONTINUOUS =	1808 VA	100%	1808 VA												
6 MISC. CONTINUOUS =	0 VA	125%	0 VA												
7 NON-COINCIDENTAL =	0 VA	0%	0 VA												
8 SPARE =	0 VA	100%	0 VA												
9 OTHER =	0 VA	100%	0 VA												

PANELBOARD A																			
VOLTAGE: 480Y/277 BUS AMPS: 225 A MAIN: MLO				SPECIFICATION TYPE: EXISTING MIN AIC RATING: 10,000 CIRCUITS: 42				ENCLOSURE: TYPE 1 MOUNTING: SURFACE LOCATION: STORAGE 105											
LOAD	CIRCUIT DESCRIPTION	NOTES	AMPS	P	CKT	CONNECTED VA			CONNECTED VA			CKT	P	AMPS	NOTES	CIRCUIT DESCRIPTION	LOAD		
						PH A	PH B	PH C	PH A	PH B	PH C								
1	LTG CONTROLS - EXTERIOR		20 A	1	1	549				5098			2	3	25 A		(E) LIFT STATION CONTROL PANEL	9	
1	INTERIOR LTG		20 A	1	3		832				5098			4	--	--	--	--	
--	SPARE		20 A	1	5			0			5098			6	--	--	--	--	
1	PEDESTRIAN LTG		20 A	1	7	1375				3232			8	3	25 A		(E) WH-1	9	
1	PARKING LOT LTG		20 A	1	9		1000				3232			12	--	--	--	--	
1	DOCK LTG		20 A	1	11			2435				3232			12	--	--	--	
...	(E) TRANSFORMER TO PANEL C		80 A	2	13	13944				4299			14	1	20 A		WEST CANOPY LTG	1	
--	SPARE		--	--	15		12488				4218			16	1	20 A		EAST CANOPY LTG	1
--	SPARE		20 A	1	17			0			2958			18	1	20 A		EAST CANOPY LTG	1
--	SPARE		20 A	1	19	0				760			20	1	20 A		EXT. WALLWASH & DOWN LTG	1	
--	SPACE W/ HARDWARE		--	--	21			0			0			22	1	20 A		SPARE	1
--	SPACE W/ HARDWARE		--	--	23			0			0			24	1	20 A		SPARE	1
--	SPACE W/ HARDWARE		--	--	25	0				0				26	--	--		SPACE W/ HARDWARE	1
--	SPACE W/ HARDWARE		--	--	27			0			0			28	--	--		SPACE W/ HARDWARE	1
--	SPACE W/ HARDWARE		--	--	29			0			0			30	--	--		SPACE W/ HARDWARE	1
--	SPACE W/ HARDWARE		--	--	31	0				0				32	--	--		SPACE W/ HARDWARE	1
--	SPACE W/ HARDWARE		--	--	33			0			0			34	--	--		SPACE W/ HARDWARE	1
--	SPACE W/ HARDWARE		--	--	35			0			0			36	--	--		SPACE W/ HARDWARE	1
--	SPACE W/ HARDWARE		--	--	37	0				8678				38	3	50 A		(E) TRANSFORMER TO PANEL B	1
--	SPACE W/ HARDWARE		--	--	39			0			6613			40	--	--		--	1
--	SPACE W/ HARDWARE		--	--	41			0			7356			42	--	--		--	1
TOTAL LOAD:						PH A CONN	PH B CONN	PH C CONN											
TOTAL AMPS:						37935 VA	33481 VA	21079 VA											
PHASE BALANCE:						144 A	128 A	76 A											
PERCENT:						A-B	A-C	B-C											
						13 %	80 %	59 %											
LOAD SUMMARY AND CODE DEFINITIONS	CONNECTED LOAD	NEC	ESTIMATED DEMAND	PANEL TOTALS		NOTES:													
1 LIGHTING =	18610 VA	125%	23263 VA	TOTAL CONN LOAD:	92 kVA	1. DEMOLISHED EXTERIOR LIGHTING , MARK AS SPARE.													
2 RECEPTACLES =	12020 VA	10K+50%	11010 VA	TOTAL EST DEMAND:	96 kVA	2. PANEL SCHEDULE INCLUDES EXISTING AND NEW LOADS.													
3 MOTORS =	4745 VA	100%	4745 VA	TOTAL CONN:	111 A														
4 LARGEST MOTOR =	0 VA	125%	0 VA	TOTAL EST DEMAND:	116 A														
5 MISC. NON-CONTINUOUS =	6410 VA	100%	6410 VA																
6 MISC. CONTINUOUS =	0 VA	125%	0 VA																
7 NON-COINCIDENTAL =	0 VA	0%	0 VA																
8 SPARE =	0 VA	100%	0 VA																
9 OTHER =	34190 VA	100%	34190 VA																

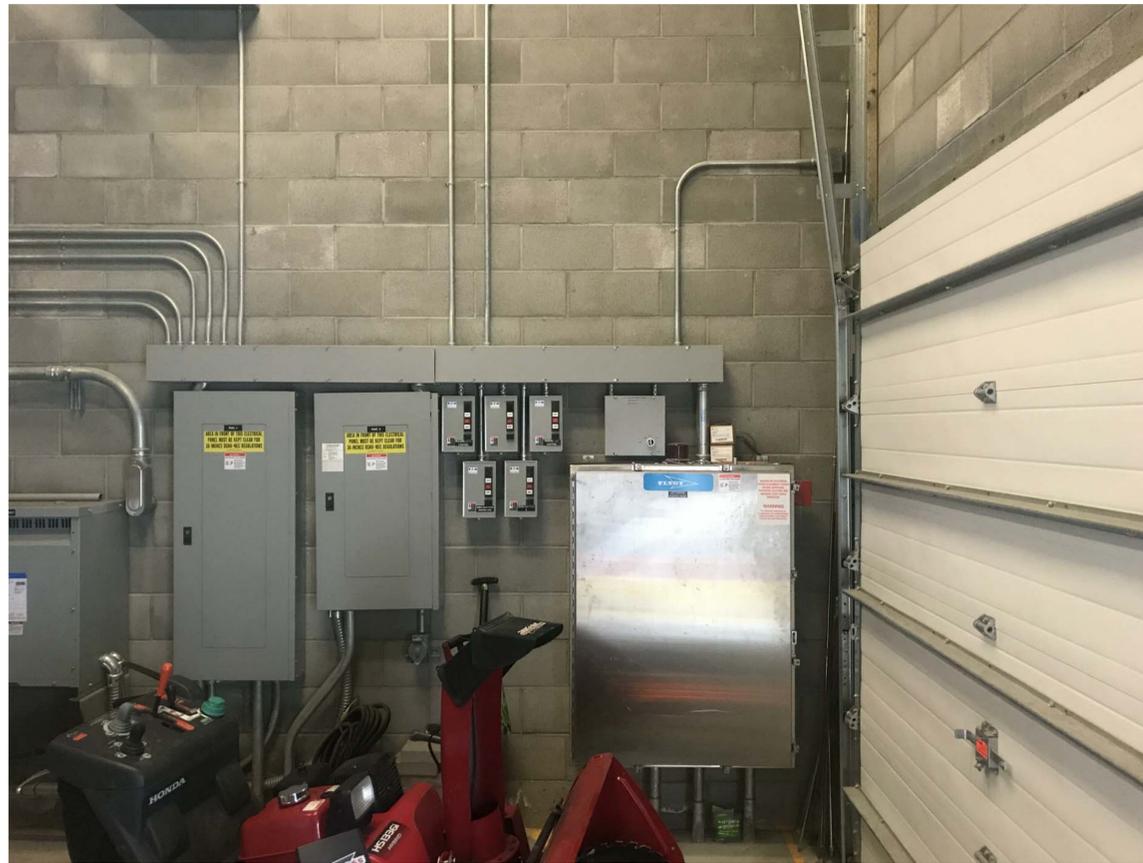
PANELBOARD B																				
VOLTAGE: 208Y/120 BUS AMPS: 100 A MAIN: MCB				SPECIFICATION TYPE: EXISTING MIN AIC RATING: 10,000 CIRCUITS: 36				ENCLOSURE: TYPE 1 MOUNTING: SURFACE LOCATION: STORAGE 105												
LOAD	CIRCUIT DESCRIPTION	NOTES	AMPS	P	CKT	CONNECTED VA			CONNECTED VA			CKT	P	AMPS	NOTES	CIRCUIT DESCRIPTION	LOAD			
						PH A	PH B	PH C	PH A	PH B	PH C									
--	MAIN BREAKER		100 A	3	1	0				1287			2	1	20 A		(E) RESTROOM RCPT & FAN	...		
--	--		--	--	3			0			900			4	1	20 A		(E) STORAGE RCPT	2	
--	--		--	--	5				0			360			6	1	20 A		(E) EXTERIOR RCPT	2
2	(E) SPIDER BOX RCPT		50 A	2	7	0				1250			8	2	30 A		(E) LIFT STATION HEAT TAPE	5		
--	--		--	--	9			0			1250			10	--	--		--	--	
9	(E) HAND DRYER MENS		20 A	1	11				2300			0		12	1	20 A		(E) HEAT TAPE CONTROLS	1	
9	(E) HAND DRYER MENS		25 A	1	13	2300				500			14	1	20 A		(E) BLDG CAMERA	2		
9	(E) HAND DRYER WOMEN		25 A	1	15		2300				360			16	1	20 A		(E) RCPT ON POLE - STREET	1	
9	(E) HAND DRYER WOMEN		25 A	1	17			2300			360			18	1	20 A		(E) RCPT ON POLE - STREET	1	
3	(E) OVERHEAD DOOR		40 A	3	19	392				360			20	1	20 A		(E) RCPT ON POLE - BUS DROP	1		
--	--		--	--	21					392			22	1	20 A		(E) RCPT ON POLE - BUS DROP	1		
--	--		--	--	23				392			1591	24	2	30 A		OU-1 MEZZANINE	...		
--	--		--	--	25				998			1591	26	--	--		--	--		
...	WH-1 RESTROOM 02		20 A	2	25				998			53	28	2	15 A		WU-1, WU-2, WU-3 - INTERIOR	5		
--	--		--	--	27								30	--	--		--	--		
--	SPARE		20 A	1	29				0			53	32	1	20 A		SPARE	1		
--	SPARE		20 A	1	31	0				0			34	1	20 A		SPARE	1		
--	SPACE W/ HARDWARE		--	--	33				0				36	--	--		SPACE W/ HARDWARE	1		
--	SPACE W/ HARDWARE		--	--	35				0								SPACE W/ HARDWARE	1		
TOTAL LOAD:						PH A CONN	PH B CONN	PH C CONN												
TOTAL AMPS:						8678 VA	6613 VA	7356 VA												
PHASE BALANCE:						73 A	55 A	62 A												
PERCENT:						A-B	A-C	B-C												
						31 %	18 %	10 %												
LOAD SUMMARY AND CODE DEFINITIONS	CONNECTED LOAD	NEC	ESTIMATED DEMAND	PANEL TOTALS		NOTES:														
1 LIGHTING =	0 VA	125%	0 VA	TOTAL CONN LOAD:	23 kVA	1. PANEL SCHEDULE INCLUDES EXISTING AND NEW LOADS. CONTRACTOR SHALL VERIFY THAT EXISTING FEEDER CONDUCTORS HAVE CAPACITY TO SUPPORT REVISED LOAD.														
2 RECEPTACLES =	2660 VA	10K+50%	2660 VA	TOTAL EST DEMAND:	23 kVA															
3 MOTORS =	4745 VA	100%	4745 VA	TOTAL CONN:	63 A															
4 LARGEST MOTOR =	0 VA	125%	0 VA	TOTAL EST DEMAND:	63 A															
5 MISC. NON-CONTINUOUS =	4602 VA	100%	4602 VA																	
6 MISC. CONTINUOUS =	0 VA	125%	0 VA																	
7 NON-COINCIDENTAL =	0 VA	0%	0 VA																	
8 SPARE =	0 VA	100%	0 VA																	
9 OTHER =	9200 VA	100%	9200 VA																	

PDC ENGINEERS INC.
 2700 GAMBELL ST. STE. ANCHORAGE, ALASKA 99503
 907.443.3200(AECC605)
 ECI ARCHITECTURE DESIGN STRATEGY
 3909 ARCTIC BOULEVARD, SUITE 103
 ANCHORAGE, ALASKA 99503 907.561.5543
 PROJECT NO. 17-0009

CITY OF VALDEZ
 KELSEY DOCK INTERPRETIVE CENTER
 CONSTRUCTION DOCUMENTS



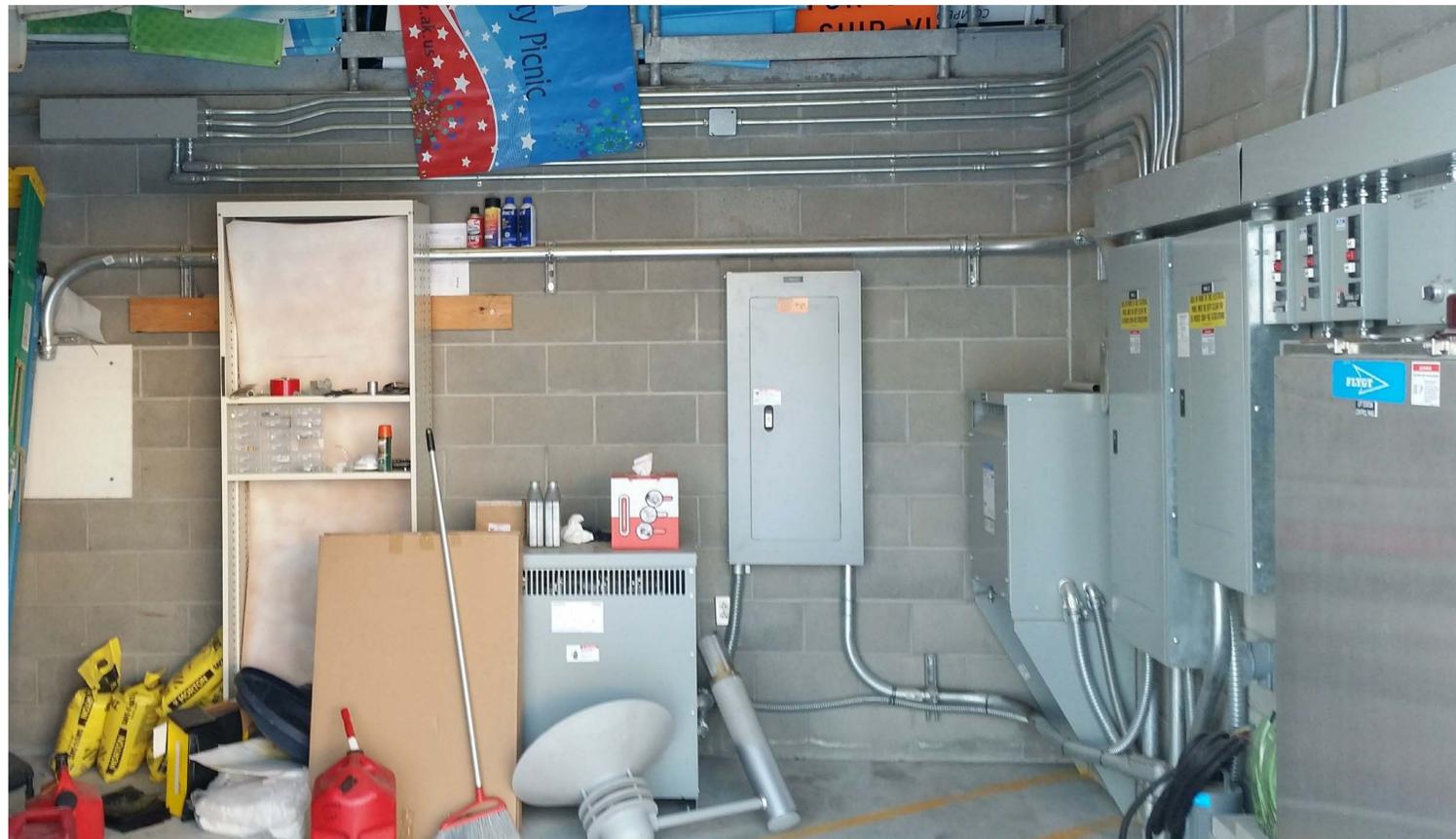
PANEL SCHEDULES
 AUTHOR: JDS
 REVISION:
 ISSUE DATE: 03.14.2018
 OWNER PROJECT NO.:
 CHECKED: BKH



1 (E) STORAGE ROOM - NORTH WALL
NO SCALE



3 (E) MEZZANINE BACKBOARD
NO SCALE



2 (E) STORAGE ROOM - WEST WALL
NO SCALE



4 (E) LIGHTING CONTACTORS
NO SCALE

SHEET NOTES

1. ITEMS ARE EXISTING TO REMAIN UON.



REFERENCE PHOTOS
AUTHOR: JDS
REVISION:
ISSUE DATE: 03.14.2018
OWNER PROJECT NO. -
CHECKED: BKH