

CITY OF VALDEZ

HERMON HUTCHENS ELEMENTARY SCHOOL

EXTERIOR UPGRADES

VALDEZ, ALASKA

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MARCH 26, 2018

CITY OF VALDEZ

HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

CONSULTANT:

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: GB
CHECKED BY: DS

SYMBOL	DESCRIPTION	DATE

PROJECT TITLE, PROJECT TEAM

G001

BETTISWORTH NORTH

ARCHITECTURE PLANNING LANDSCAPE INTERIORS

STATE OF ALASKA

49 TH

Roy L. Rountree

No. A-8259

REGISTERED PROFESSIONAL ARCHITECT








CORPORATE NO. AEC219 WWW.BETTISWORTHNORTH.COM

GENERAL NOTES

6. ALL WORK AND EQUIPMENT REQUIRED FOR REMOVING ANY LITTER OR DEBRIS WITHIN THE PROJECT LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE.
7. ALL ORGANIC MATERIAL SHALL BE REMOVED FROM THE SUBGRADE TO A DEPTH TO BE DETERMINED BY THE ENGINEER. NO ORGANIC MATERIAL OR OTHER DELETERIOUS MATERIAL SHALL BE UTILIZED FOR BACKFILL.
8. CONTRACTOR SHALL PROVIDE A RECORD DRAWING IN ACCORDANCE WITH THE REQUIREMENTS OF CVSS. THE CONTRACTOR SHALL SUBMIT RECORD SURVEY NOTES WITH THE RECORD DRAWINGS.
9. ANY EXISTING SURVEY MONUMENTATION DISTURBED BY CONTRACTOR OPERATIONS SHALL BE REPLACED AT CONTRACTOR'S EXPENSE BY SURVEYOR LICENSED TO PRACTICE IN THE STATE OF ALASKA.
10. CONTRACTOR SHALL APPLY TACK COAT TO THE SAW CUT ASPHALT FACE AND FACE OF THE LIP OF CURB AND GUTTER PRIOR TO PAVING. TACK COAT SHALL BE INCIDENTAL TO THE PROJECT.
11. AUTOCAD FILES WILL BE PROVIDED TO THE CONTRACTOR FOR THEIR USE DURING CONSTRUCTION.

COMMON ABBREVIATIONS			
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AC	ASPHALT CONCRETE	NTS	NOT TO SCALE
APPROX, APPX	APPROXIMATE	NWT	NO WATER TABLE
		OC	ON CENTER
BM	BENCH MARK	OCEW	ON CENTER EACH WAY
BOP	BEGINNING OF PROJECT	OD	OUTSIDE DIAMETER
BW	BOTTOM OF WALL	OGS	OIL GRIT SEPARATOR MANHOLE
C&G	CURB AND GUTTER	OH	OVERHEAD
CB	CATCH BASIN	PC	POINT OF CURVATURE
CBMH	CATCH BASIN MANHOLE	PCC	POINT OF CONTINUOUS CURVATURE
C/L, CL	CENTERLINE	PI	POINT OF INTERSECTION
CMP	CORRUGATED METAL PIPE	PL, P/L	PROPERTY LINE
CO	CLEANOUTS	PCMP	PRECOATED CORRUGATED METAL PIPE
CONST	CONSTRUCTION	PCPEP	PERFORATED CORRUGATED POLYETHYLENE PIPE
CPEP	CORRUGATED POLYETHYLENE PIPE		
CVSS	CITY OF VALDEZ STANDARD SPECIFICATIONS	PT	POINT OF TANGENCY
DIA	DIAMETER	PUE	PUBLIC USE EASEMENT
DIP	DUCTILE IRON PIPE	PVC	POINT OF VERTICAL CURVATURE
D.W.	DETECTABLE WARNING	PVI	POINT OF VERTICAL INTERSECTION
EG	EXISTING GRADE	PVT	POINT OF VERTICAL TANGENT
ELEC	ELECTRIC / ELECTRICAL	RLD	ROCK LINED DITCH
ELEV, EL	ELEVATION	ROW, R/W	RIGHT OF WAY
EOA	EDGE OF ASPHALT	RT, R	RIGHT
EOP	END OF PROJECT / EDGE OF PAVEMENT	SCS & SD	STANDARD CONSTRUCTION SPECIFICATIONS & STANDARD DETAILS
EX, EXIST	EXISTING		
F&I	FURNISH AND INSTALL	S/W	SIDEWALK
FCS	FLOW CONTROL STRUCTURE	SDCB	STORM DRAIN CATCH BASIN
FES	FLARED END SECTION	SDCBMH	STORM DRAIN CATCH BASIN MANHOLE
FF	FINISH FLOOR	SDMH	STORM DRAIN MANHOLE
FG	FINISHED GRADE	SS	STAINLESS STEEL
GB	GRADE BREAK	SSMH	SANITARY SEWER MANHOLE
HP	HIGH POINT	SEC COR	SECTION CORNER
HOZ.	HORIZONTAL	SI	STREET INTERSECTION
JB	JUNCTION BOX	ST	STREET
LC	LOAD CENTER	STA	STATION / STATIONING
IAW	IN ACCORDANCE WITH	STD	STANDARD
IE	INVERT ELEVATION	STRUCT	STRUCTURE
INTX	INTERSECTION	T, TBC, TCB	TOP BACK OF CURB
INV	INVERT	TC	TOP OF CONCRETE PAD OR SIDEWALK
LF	LINEAR FOOT	TBM	TEMPORARY BENCH MARK
LP	LOW POINT	TCP	TEMPORARY CONSTRUCTION PERMIT
LT	LEFT	TELE	TELEPHONE
L	LIP OF CURB	TSE	TEMPORARY SLOPE EASEMENT
LUM	LUMINARIES	TH	TEST HOLE
MAX	MAXIMUM	TW	TOP OF WALL
ME	MATCH EXISTING	TYP.	TYPICAL
MH	MANHOLE	UG	UNDERGROUND
MIN.	MINIMUM	UTIL	UTILITY
MON	MONUMENT	UON	UNLESS OTHERWISE NOTED
MSL	MEAN SEA LEVEL	VB	VALVE BOX
N/A	NOT APPLICABLE	VC	VERTICAL CURVE
N.I.C.	NOT IN CONTRACT	VERT.	VERTICAL
		W	WEST / WITH / WHITE

PLAN LEGEND		
SYMBOL		
EXISTING	PROPOSED	
		ASPHALT PAVEMENT
		CENTERLINE
		LEASE/PROPERTY LINE
		ROW LINE
		EASEMENT LINE
		SECTION LINE
		UNPAVED (GRAVEL) EDGE OF ROAD/DRIVEWAY
		CURB & GUTTER
		RADIUS TO FACE OF CURB/EOP
		DRAINAGE SWALE
		ROCK LINED DITCH
		DRAINAGE ARROW
		CULVERT
		CHAINLIKE FENCE
		WOOD FENCE
		DECIDUOUS TREE/SHRUB
		CONIFEROUS TREE/SHRUB
		VEGETATION & BRUSH
		GUARDRAIL
		RETAINING WALL
		SIGN
		HANDICAPPED PARKING
		TEST BORING OR TEST HOLE
		HOUSE OR STRUCTURE
		CONTOUR LINE
		SPOT ELEVATION
		T=TOP BACK OF CURB
		L=LIP OF GUTTER
		IRON PIN (REBAR) / IRON PIPE
		BENCHMARK
		TEMPORARY BENCHMARK
		BRASS CAP MONU./BLM CORNER
		PK NAIL, SPIKE OR CONCRETE NAIL
		ALCAP OR PLASTIC CAP
		BOLLARD
		CABLE TV LINE
		CABLE TV LINE (OVERHEAD)
		ELECTRIC LINE
		ELECTRIC LINE (OVERHEAD)
		ELECTRIC & TELEPHONE (OVERHEAD)
		FIBER OPTIC
		TOPSOIL AND SEEDD AREAS
		</

CURB TYPE	
	TYPE 1 (CATCH)
	TYPE 1A (ACCESSIBLE)
	TYPE 2 (ROLLED)
	TYPE 2 (ACCESSIBLE)
	TYPE 3 (SPILL)
	TYPE 3A (ACCESSIBLE)
	TYPE 4 (CURB CUT)



CORPORATE NO. AECC219 WWW.BETTISWORTHNORTH.COM

CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

CONSULTANT:



3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: CRW
CHECKED BY: MKS

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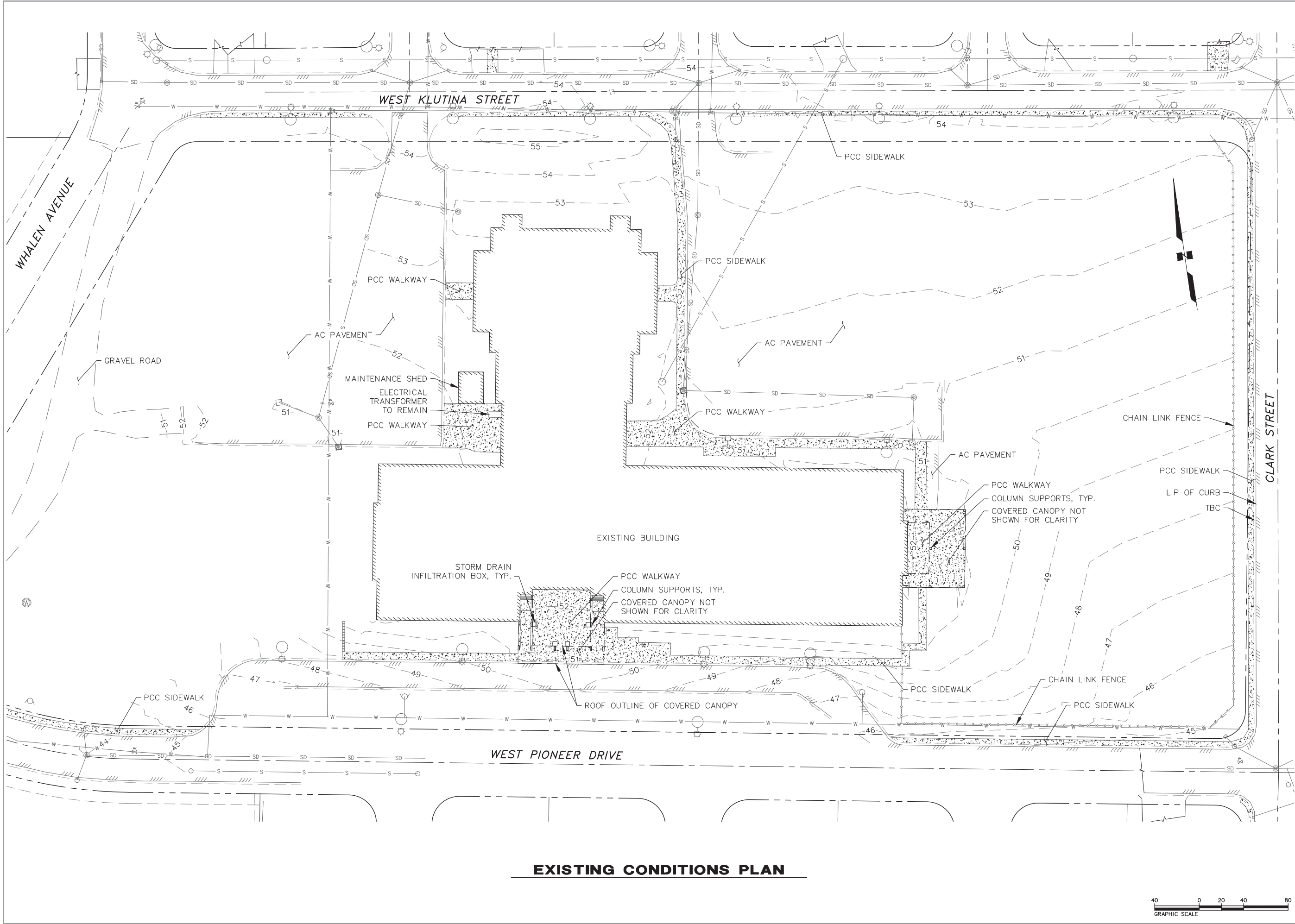
NOTES, LEGEND, & ABBREVIATIONS

C001

IF THIS DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING
HAS BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES

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EXISTING CONDITIONS PLAN

BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



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EXISTING CONDITIONS PLAN

C100

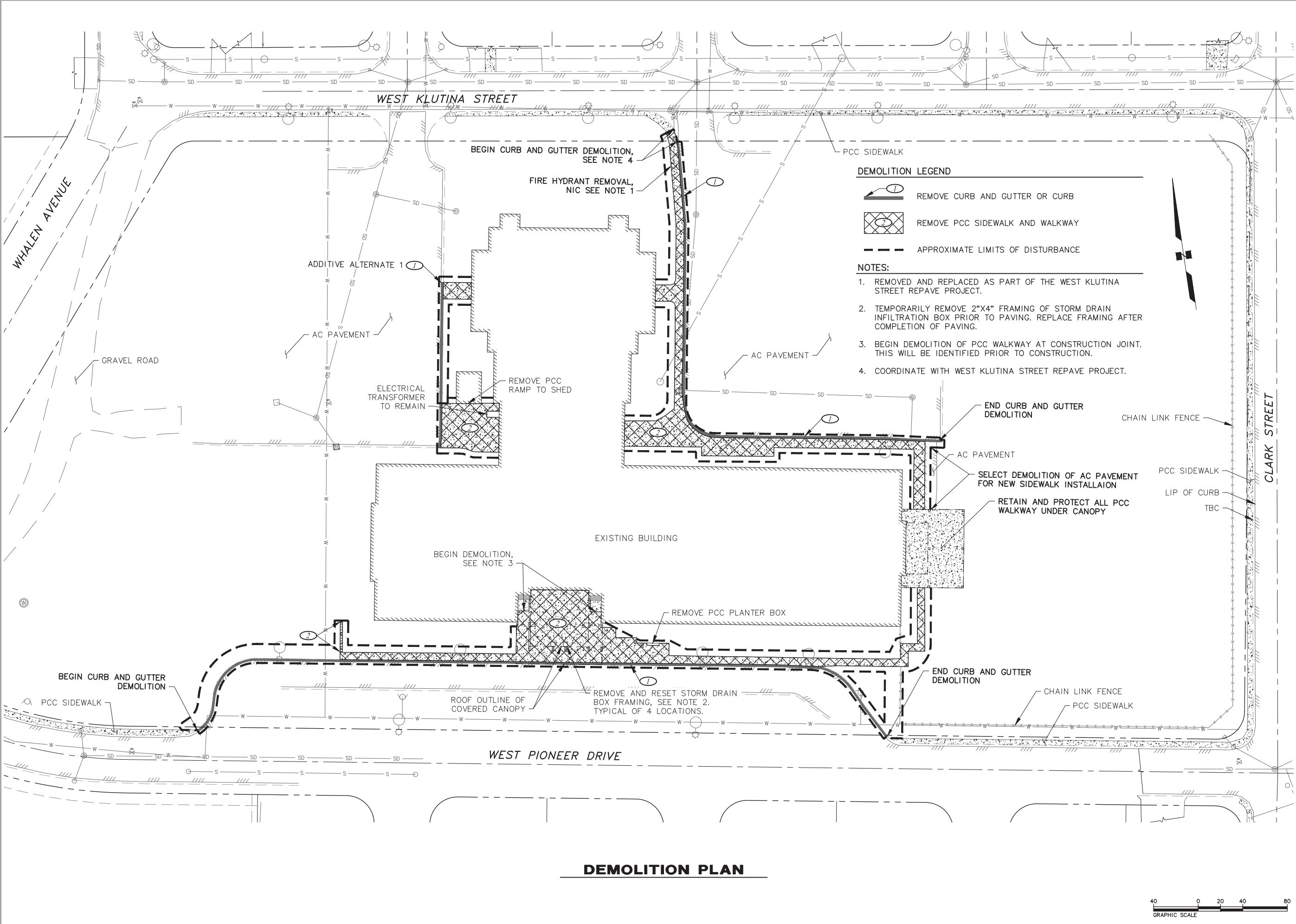
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DEMOLITION PLAN

DEMOLITION LEGEND

- 1 REMOVE CURB AND GUTTER OR CURB
- 2 REMOVE PCC SIDEWALK AND WALKWAY
- APPROXIMATE LIMITS OF DISTURBANCE

NOTES:

1. REMOVED AND REPLACED AS PART OF THE WEST KLUTINA STREET REPAVE PROJECT.
2. TEMPORARILY REMOVE 2"x4" FRAMING OF STORM DRAIN INFILTRATION BOX PRIOR TO PAVING. REPLACE FRAMING AFTER COMPLETION OF PAVING.
3. BEGIN DEMOLITION OF PCC WALKWAY AT CONSTRUCTION JOINT. THIS WILL BE IDENTIFIED PRIOR TO CONSTRUCTION.
4. COORDINATE WITH WEST KLUTINA STREET REPAVE PROJECT.



BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



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DEMOLITION PLAN

C101

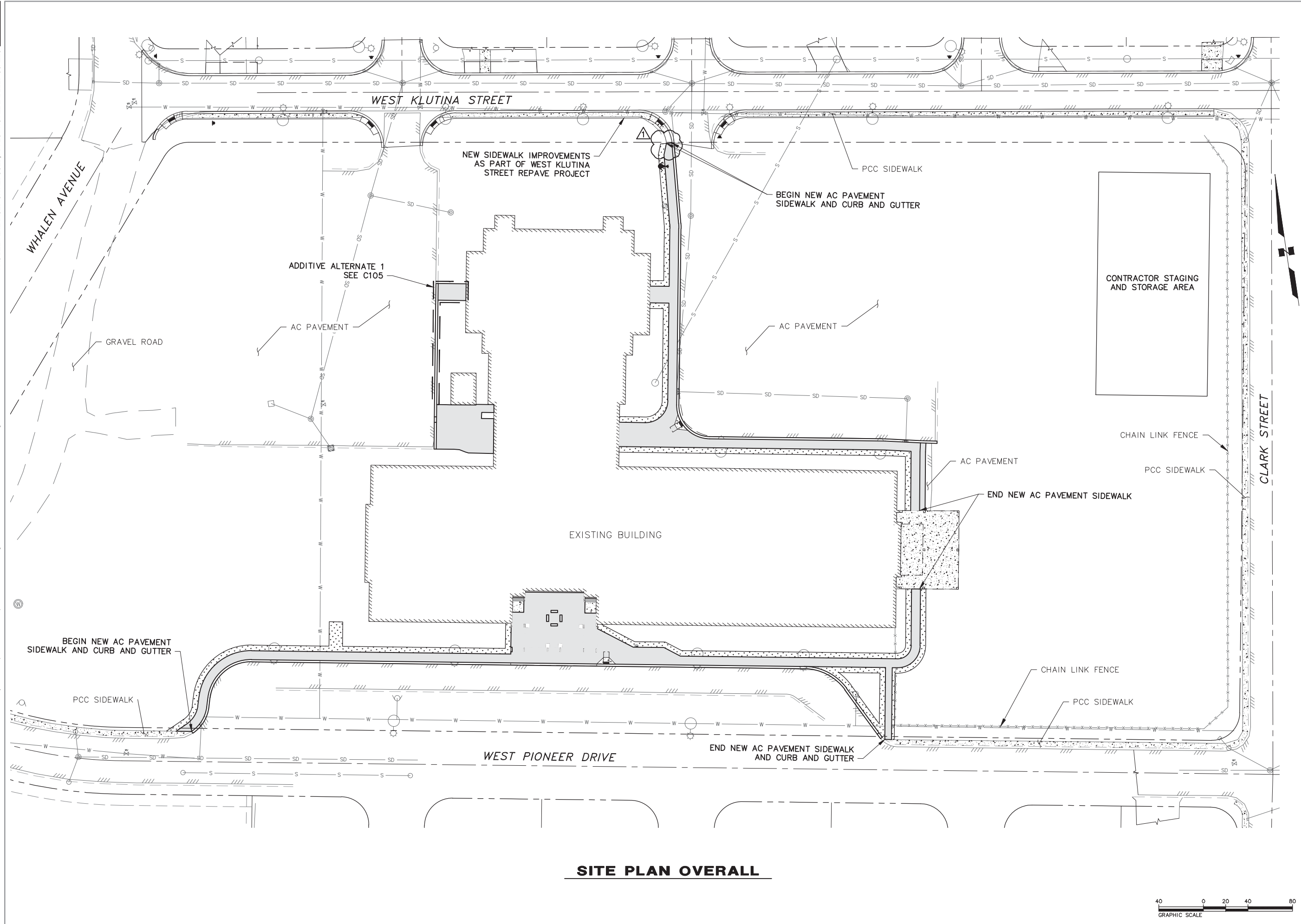
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SITE PLAN OVERALL

BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS

STATE OF ALASKA
49 TH
Michah K. Schomig
Michah K. Schomig
CE-10568
03/26/2018
REGISTERED PROFESSIONAL ENGINEER

CITY OF VALDEZ
HHS EXTERIOR UPGRADES
VALDEZ, ALASKA

CONSULTANT:

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ENGINEERING GROUP LLC
3940 ARCTIC BLVD, SUITE 300
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PROJECT NO: 17-236
DATE: 03/26/2018
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SYMBOL	DESCRIPTION	DATE
▲	ADDENDUM NO. 3	4/18/18

SITE PLAN OVERALL

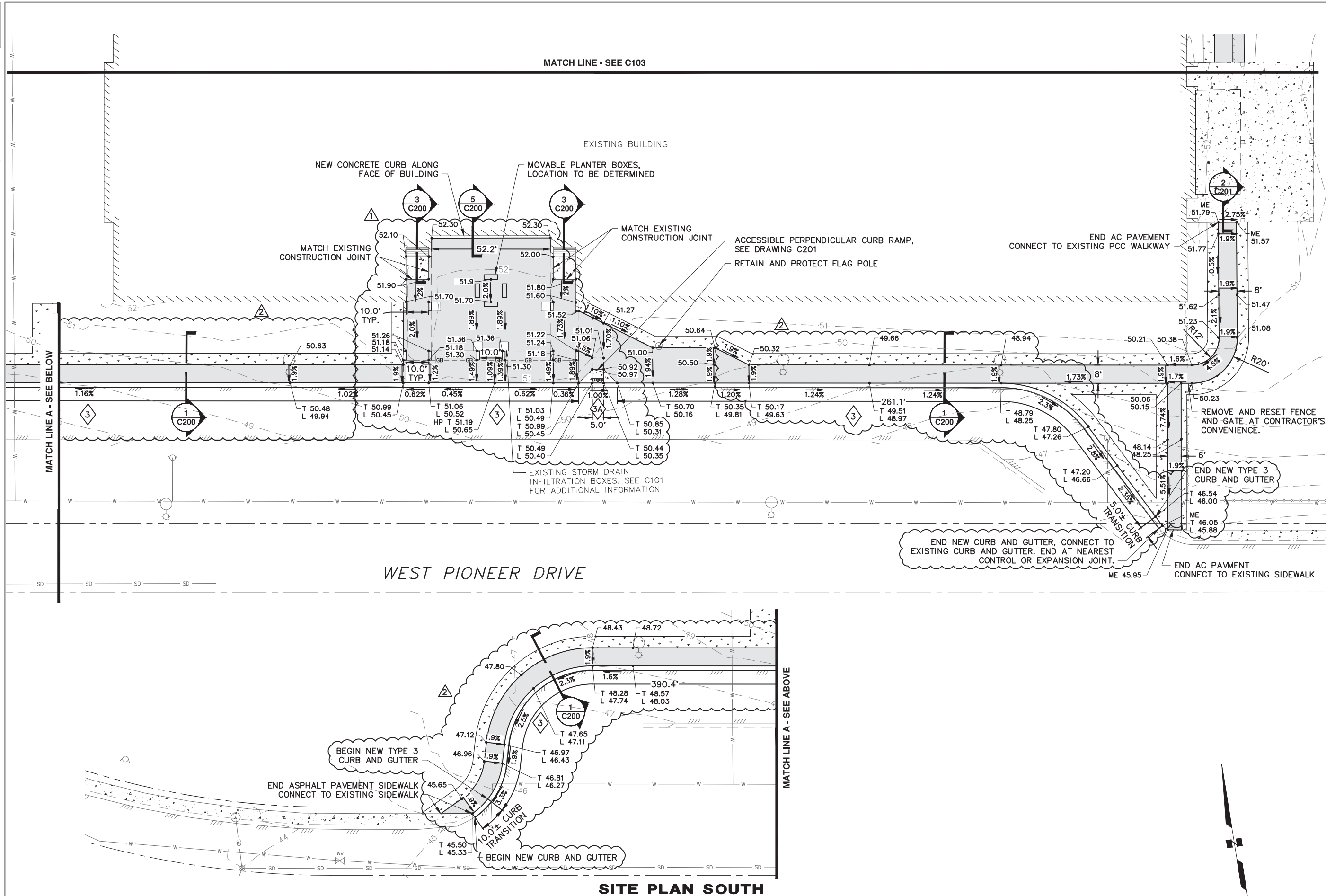
C102

BETTISWORTH NORTH ARCHITECTS & PLANNERS

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ARCHITECTURE PLANNING LANDSCAPE INTERIORS



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CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA



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DATE:	03/26/2018
DRAWN BY:	CRW
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SYMBOL	DESCRIPTION	DATE
	ADDENDUM NO. 1	4/5/18
	ADDENDUM NO. 3	4/18/18

SITE PLAN SOUTH

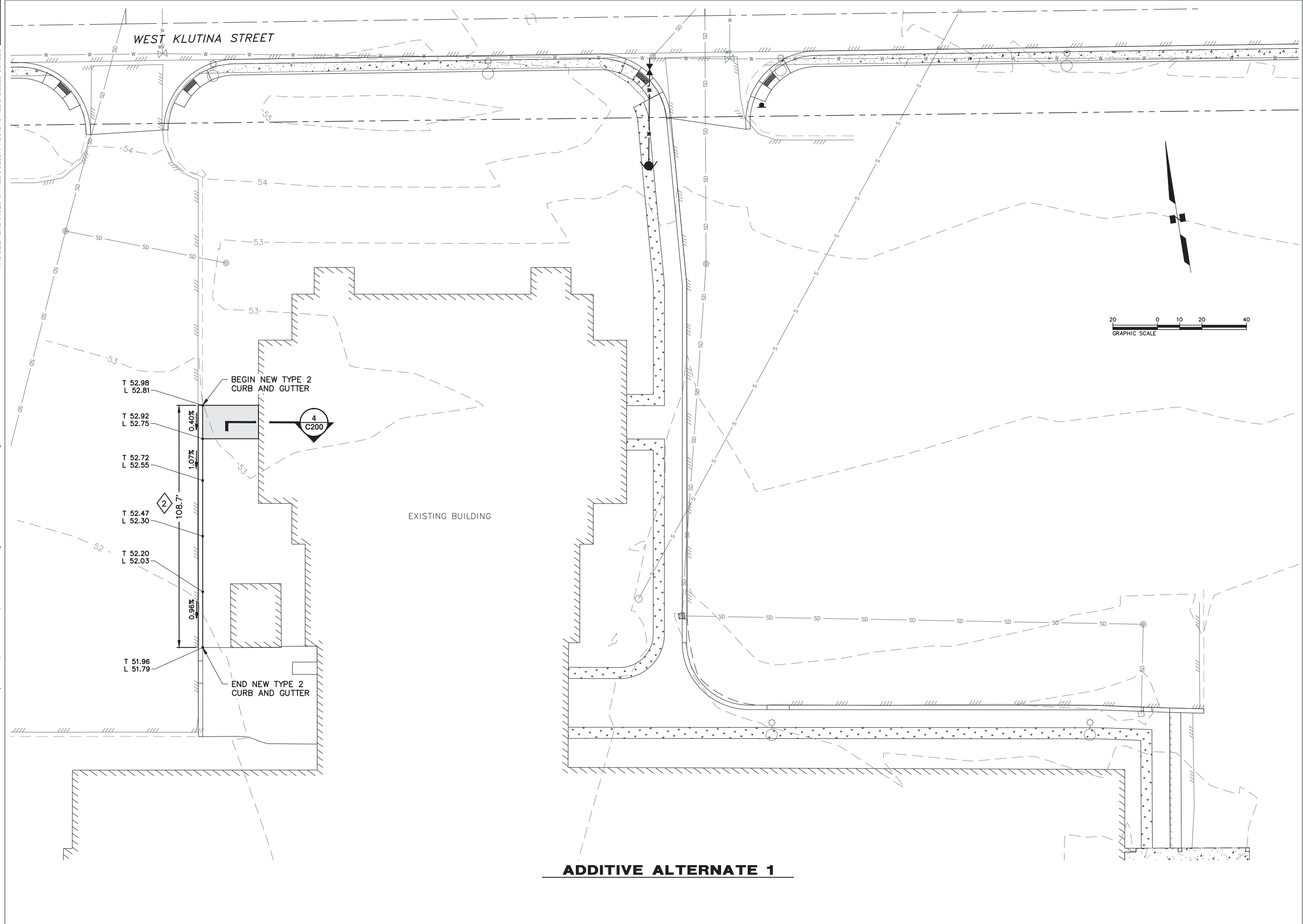
C104

BETTISWORTH NORTH ARCHITECTS & PLANNERS C

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BETTISWORTH NORTH

ARCHITECTURE PLANNING LANDSCAPE INTERIORS

STATE OF ALASKA

49 TH

Michah K. Schomberg

CE-10568

03/26/2018

REGISTERED PROFESSIONAL ENGINEER

CITY OF VALDEZ

HHEs EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSULTANT:

CRW

ENGINEERING GROUP, LLC

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PHONE: (907) 562-3252
#AEOL882-AK

PROJECT NO: 17-236

DATE: 03/26/2018

DRAWN BY: CRW

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SYMBOL	DESCRIPTION	DATE

ADDITIVE ALTERNATE 1

C105

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CORPORATE NO. AECC219

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-
- EXISTING/NEW ENTRANCE GRATE
- UNBOLT AS REQUIRED TO REMOVE AND RESET I BEAM
- BUILDING THRESHOLD
- 6" MIN
- 8"
- 2" MIN.
- 2" AC PAVEMENT (CLASS E)
- 2" LEVELING COURSE
- 18" TYPE II-A CLASSIFIED FILL AND BACKFILL
- 2"
- 4"
- 12"
- 2" CLR. TYP.
- 12" MIN
- 3" CLR.
- 24"
- 18"
- 4" LEVELING COURSE
- PCCxWIDTH OF GRATEx16" HIGH, REINFORCE WITH (3) #5, TOP AND BOTTOM
- GEOTEXTILE MIRAFIX HP270 BY TENCATE
- PREPARED SUBBASE, SEE NOTE 3
- REMOVE EXISTING I BEAM AS REQUIRED FOR CONSTRUCTION. RESET TO SUPPORT ENTRANCE GRATE.
- 1/2" DIA. POST-INSTALLED ANCHOR WITH 5" EMBEDMENT, (2) AT EACH END, EACH BEAM
- BOTTOM OF SUMP
- TYPE II-A CLASSIFIED FILL AND BACKFILL
- L4x2x3/16 STEEL ANGLE (LLH), HOT-DIPPED GALVANIZED
- 1/2" DIA. POST-INSTALLED ANCHOR WITH 5" EMBEDMENT, AT 16" O.C.

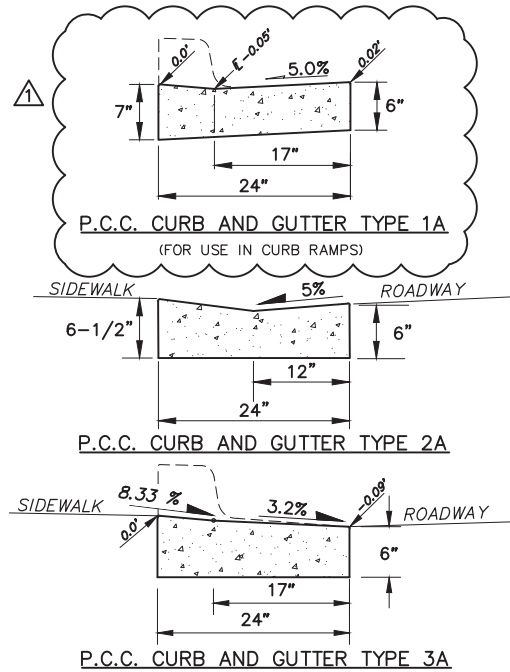


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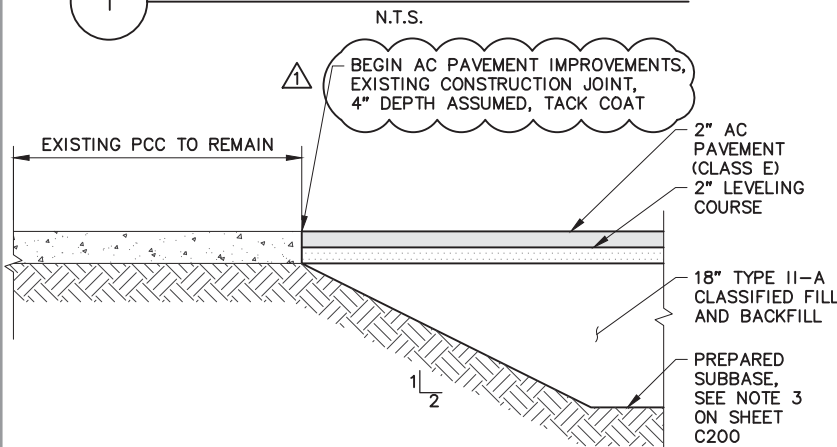
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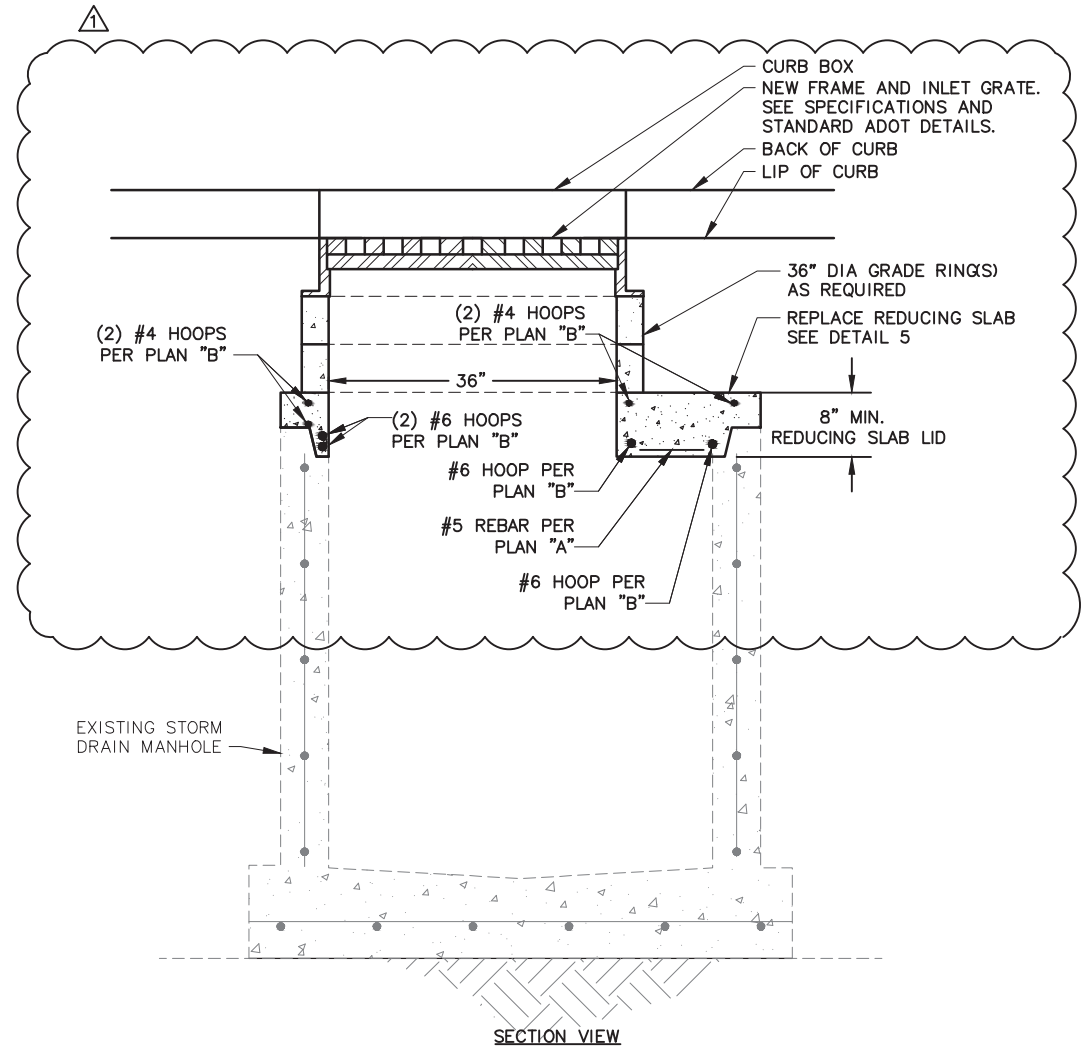
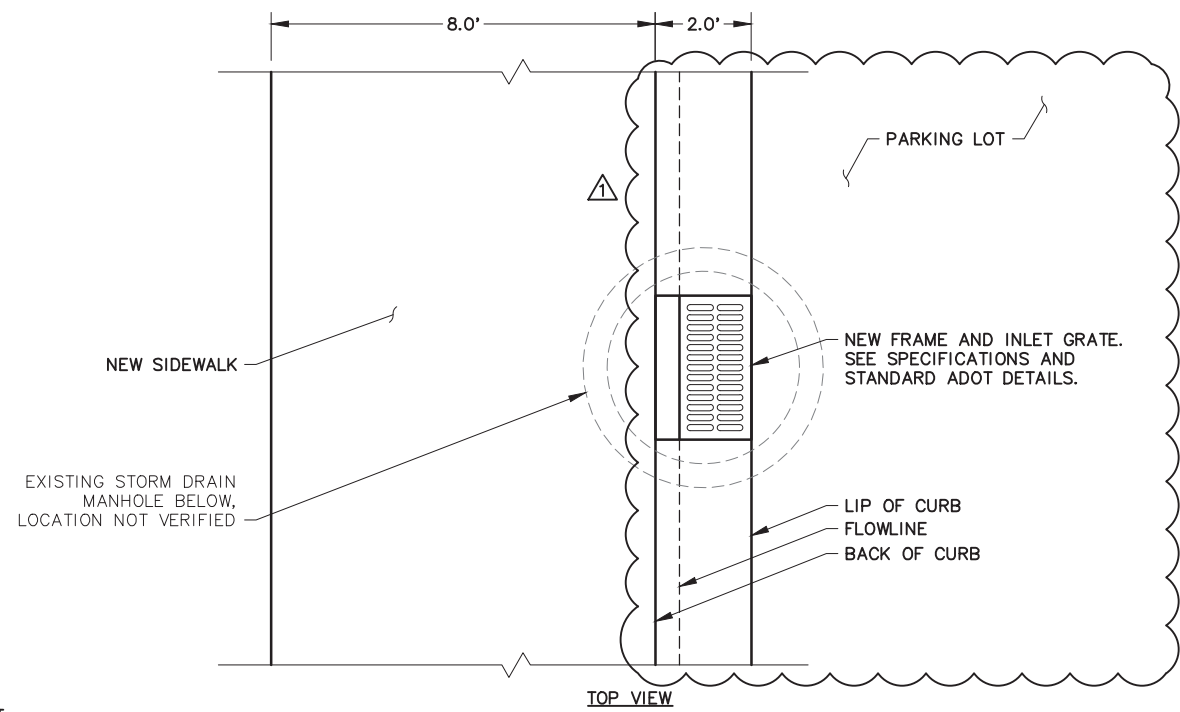
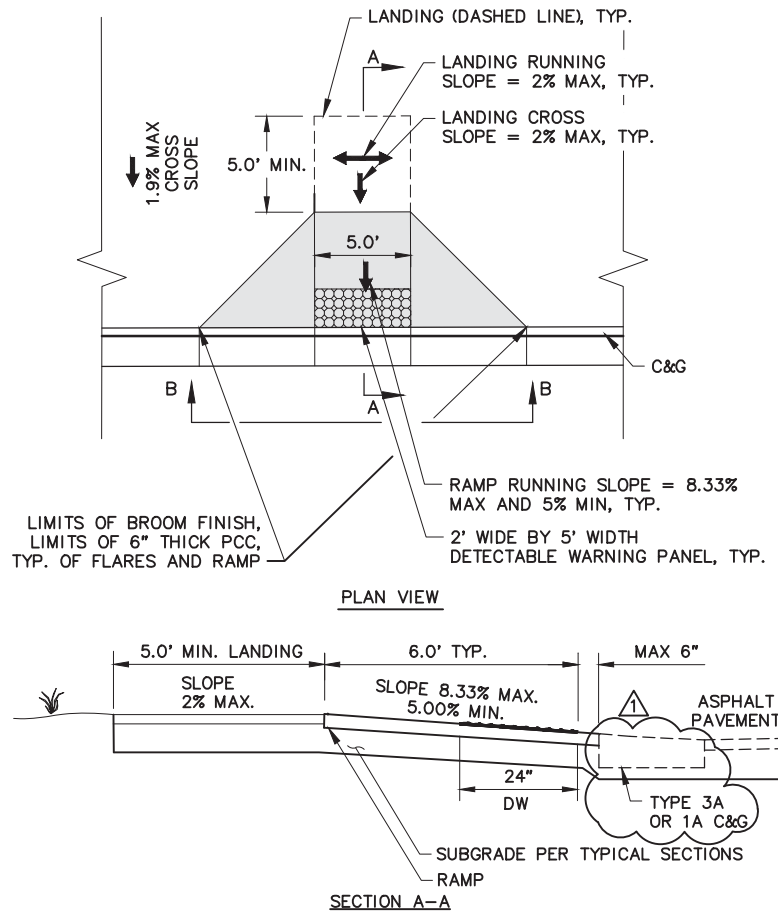
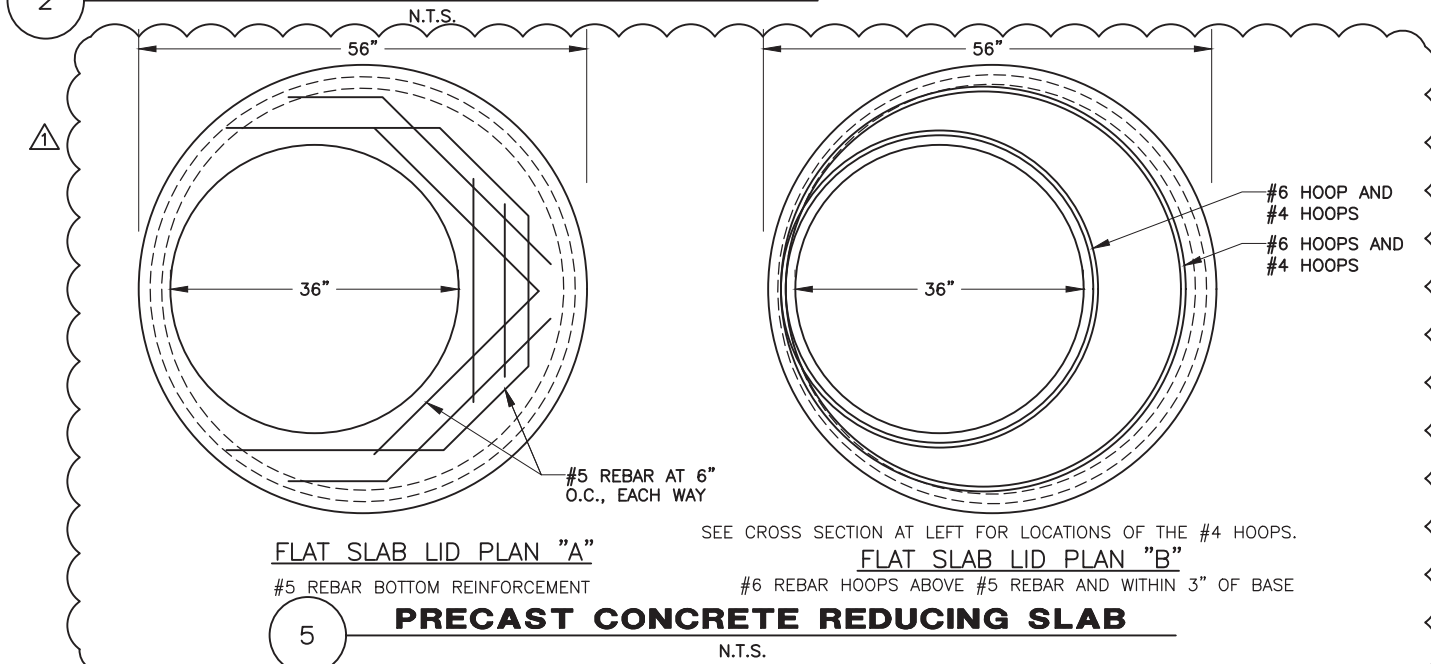
ACCESSIBLE CURB AND GUTTER NOTES:

1. TRANSITION CURBS TO MAINTAIN CONSTANT FLOWLINE ACROSS CURB RAMP AND AROUND CURB RETURN IAW PLANS.

ACCESSIBLE CURB AND GUTTER SECTION



ASPHALT TERMINATION AT PCC



STORM DRAIN MANHOLE FRAME AND INLET GRATE REPLACEMENT

N.T.S.

BETTISWORTH NORTH
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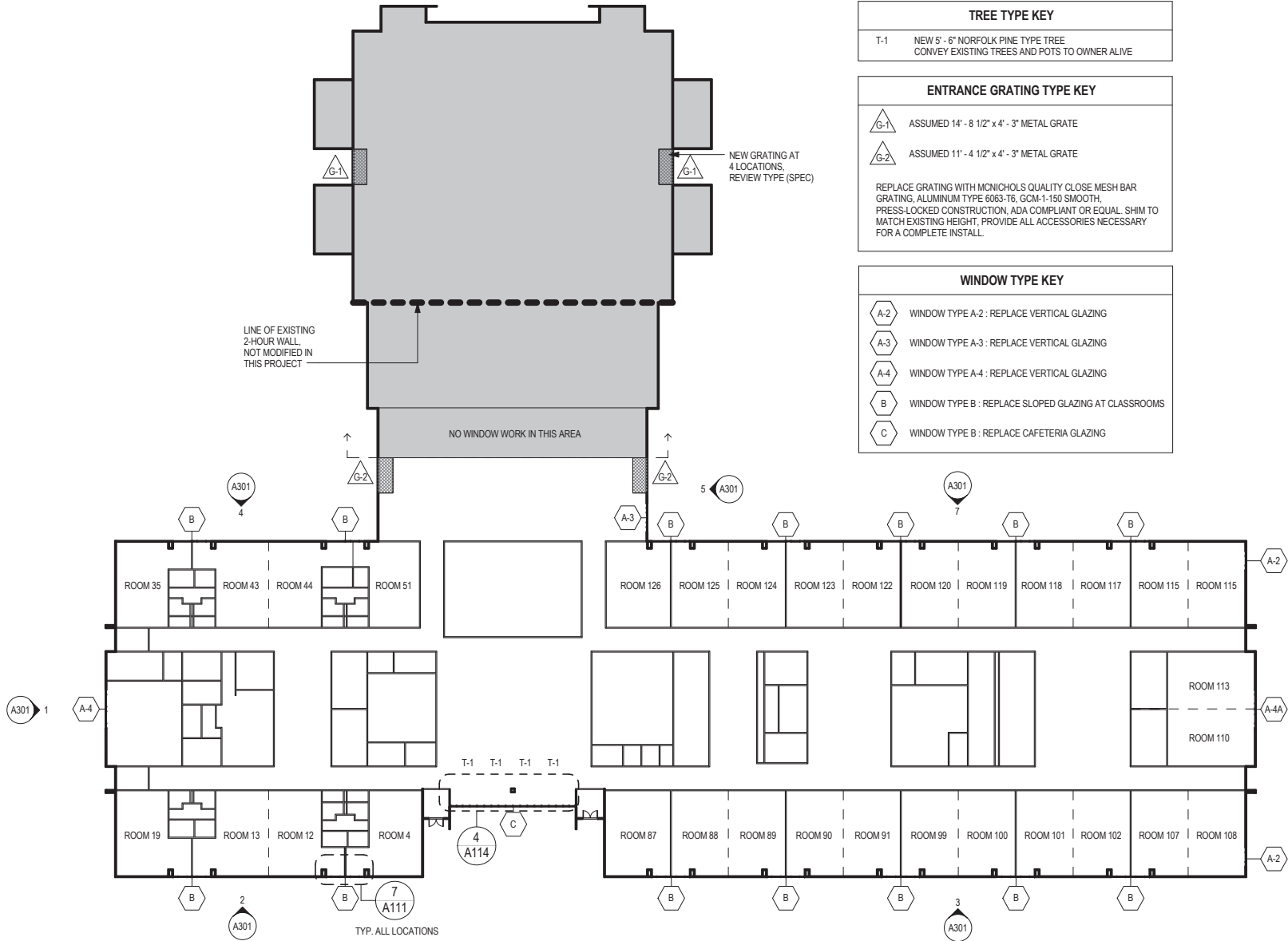
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CIVIL DETAILS

C201

BETTISWORTH NORTH ARCHITECTS & PLANNERS

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1 FIRST FLOOR - NEW CONSTRUCTION
1/32" = 1'-0"

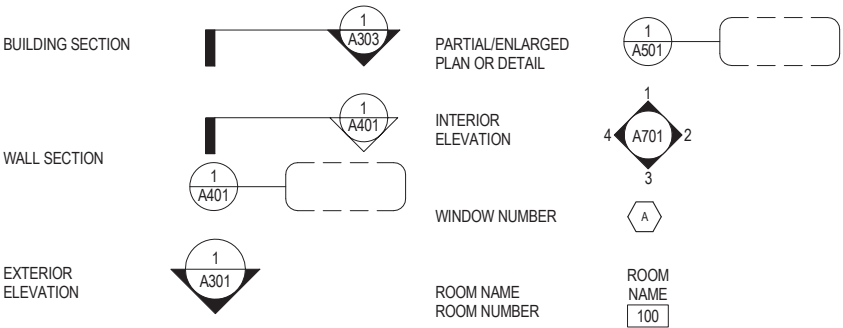
*DOORS AND OTHER PLAN DETAILS NOT SHOWN FOR CLARITY

TREE TYPE KEY	
T-1	NEW 5' - 6" NORFOLK PINE TYPE TREE CONVEY EXISTING TREES AND POTS TO OWNER ALIVE

ENTRANCE GRATING TYPE KEY	
G-1	ASSUMED 14' - 8 1/2" x 4' - 3" METAL GRATE
G-2	ASSUMED 11' - 4 1/2" x 4' - 3" METAL GRATE
REPLACE GRATING WITH MONICHOOLS QUALITY CLOSE MESH BAR GRATING, ALUMINUM TYPE 6063-T6, GCM-1-150 SMOOTH, PRESS-LOCKED CONSTRUCTION, ADA COMPLIANT OR EQUAL. SHIM TO MATCH EXISTING HEIGHT, PROVIDE ALL ACCESSORIES NECESSARY FOR A COMPLETE INSTALL.	

WINDOW TYPE KEY	
A-2	WINDOW TYPE A-2 : REPLACE VERTICAL GLAZING
A-3	WINDOW TYPE A-3 : REPLACE VERTICAL GLAZING
A-4	WINDOW TYPE A-4 : REPLACE VERTICAL GLAZING
B	WINDOW TYPE B : REPLACE SLOPED GLAZING AT CLASSROOMS
C	WINDOW TYPE B : REPLACE CAFETERIA GLAZING

SYMBOL LEGEND



GENERAL NOTES

- HAZARDOUS MATERIALS ARE PRESENT. CONTRACTOR TO REVIEW SPECIFICATIONS AND REQUIREMENTS PRIOR TO BEGINNING WORK.
- ALL WORK TO BE COMPLETED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATION.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS NOT LIMITED TO MATERIALS, DIMENSIONS AND ASSEMBLIES. INFORMATION DRAWINGS WITHOUT DESTRUCTIVE TESTING OR INSPECTION. DRAWINGS DO NOT SHOW WORK THAT MAY HAVE MODIFIED THE ORIGINAL CONSTRUCTION SINCE 1980.
- REROOF WORK WAS COMPLETED IN 2006. EXTENT HAS NOT BEEN VERIFIED.
- ALL EXTERIOR WINDOW WOOD FURRING IS EXPECTED TO HAVE SOME MOISTURE DAMAGE AND IS TO BE REPLACED AND REPAIRED AS IT IS ENCOUNTERED TO COMPLETE THE SCOPE OF WORK SHOWN. THIS INCLUDES ATTACHMENT OF ALL BUILDING ELEMENTS RELATED TO OR ADJACENT TO NEW WORK.
- EXISTING ELECTRICAL AND MECHANICAL ELEMENTS EXIST NEAR OR IN THE SCOPE OF WORK. ELECTRICAL AND MECHANICAL ELEMENTS WITHIN THE AREAS OF WORK NOT NOTED ARE TO BE ACCOMMODATED IN PLACE OR REMOVED AND REPLACED AS REQUIRED TO COMPLETE THE WORK SHOWN.
- ALL ELECTRICAL WORK TO BE COMPLETED BY A LICENSED ELECTRICIAN.
- CONTRACTOR IS REQUIRED TO SHIM, BUILD UP OR MODIFY FURRING AND SUPPORT FOR NEW FINISHES AS REQUIRED TO MATCH EXISTING.
- FINISH PAINTING TO EXTEND TO THE NEAREST WALL CORNER FROM NEW WORK, MATCH EXISTING TEXTURE AND COLOR TYPICAL.
- CONFIRMATION OF ASBESTOS CONTAINING MATERIAL AT CLEARSTORY WINDOW SEALANT AND AT EXISTING PARAPET SEALANT TO BE MODIFIED IS THE RESPONSIBILITY OF THE CONTRACTOR.
- EXTENT OF FINISH DEMOLITION IS TO BE THE MINIMUM POSSIBLE TO ALLOW FOR NEW WORK. CONTRACTOR TO VERIFY WITH OWNER PRIOR TO STARTING WORK.
- ALL CEDAR SIDING AND DIMENSIONAL WOOD FURRING IN SERVICEABLE CONDITION IS TO BE SALVAGED FOR REUSE AS REPLACEMENT FOR DAMAGED ON THIS PROJECT.
- ALL ALUMINUM WINDOWS ARE TO BE SALVAGED AND FINAL DISPOSAL CONFIRMED WITH OWNER.
- DEMOLITION DEFINITIONS:
DEMOLISH AND REMOVE: TO LEGALLY DISPOSE OF AS REFUSE
SALVAGE: REMOVE WITHOUT DAMAGE TO A PROTECTED LOCATION ON SITE FOR DIRECTION BY OWNER.
- CONTRACTOR IS ENCOURAGED TO INTRODUCE REUSE OF EXISTING MATERIALS FOR OWNER CONSIDERATION.

GENERAL INFORMATION, CODE STUDY, AND SCOPE OF WORK

GENERAL	SCOPE OF WORK
PROJECT NAME: HERMON HUTCHENS ELEMENTARY SCHOOL PROJECT ADDRESS: 1009 W KLUTINA STREET, VALDEZ, ALASKA 99686 OWNER: CITY OF VALDEZ ARCHITECT'S FILE #: 17-236	SITE: REPLACEMENT OF SIDEWALK AND CURB WITH THE ADDITION OF ADA COMPLIANT CURB RAMPS. BUILDING: SLOPED GLAZING WITHIN CLASSROOMS IS TO BE REPLACED WITH VERTICAL GLAZING AND NEW SLOPED STRUCTURAL INSULATED PANEL ROOF. SLOPED CAFETERIA GLAZING IS TO BE REPLACED WITH VERTICAL GLAZING AND A LOW SLOPE BUILT UP ROOF. NEW STRUCTURAL COMPONENTS ARE STEEL FRAMING AND STEEL DECK.
2012 INTERNATIONAL BUILDING CODE	CODE STUDY FROM ORIGINAL DOCUMENTS
CHAPTER 34 EXISTING BUILDINGS AND STRUCTURES DESIGNED AROUND 3404 ALTERATIONS; "SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NO LESS COMPLYING WITH THE PROVISIONS OF THIS CODE THAN THE EXISTING STRUCTURE WAS PRIOR TO THE ALTERATION" NO CHANGE OF OCCUPANCY IS OCCURRING, NO NEW SQUARE FOOTAGE IS BEING ADDED AND NO EXISTING LIFE SAFETY SYSTEMS ARE BEING MODIFIED ASSUMED TO TRANSLATE TO TYPE III B CONSTRUCTION, SUPPORTING STEEL SPRAYED WITH 1 HR INTUMESCENT PAINT AND ALL WOOD AT ROOF CONSTRUCTION AND IN CONCEALED SPACE IS WRAPPED WITH GYPSUM WALL BOARD TO MATCH SIMILAR SYSTEMS IN EXISTING BUILDING. PER TABLE 601, TYPE III B 0 HR RATING FOR ROOF CONSTRUCTION. PER TABLE 602 EXTERIOR NONBEARING WALLS WITH A FIRE SEPARATION DISTANCE GREATER THAN 30' HAVE A 0 HR RATING.	1976 UNIFORM BUILDING CODE CONSTRUCTION: TYPE III 1 HOUR SPRINKLERED AND TYPE IV NON RATED, SPRINKLERED OCCUPANCY: E1 AND A2.1 AT GYM FIRE ZONE: III SINGLE STORY (EXCEPT MECH ROOM AT SECOND LEVEL) AREA: 95,200 SF NOTE: TWO HOUR SEPARATION WALL BETWEEN AREA "E" (TYPE IV NON RATED, FULLY SPRINKLERED) AND AREA "D" (TYPE III, 1 HOUR, FULLY SPRINKLERED) AT GRIDLINE N-241.0



CONSULTANT:

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: GB
CHECKED BY: DS

SYMBOL	DESCRIPTION	DATE

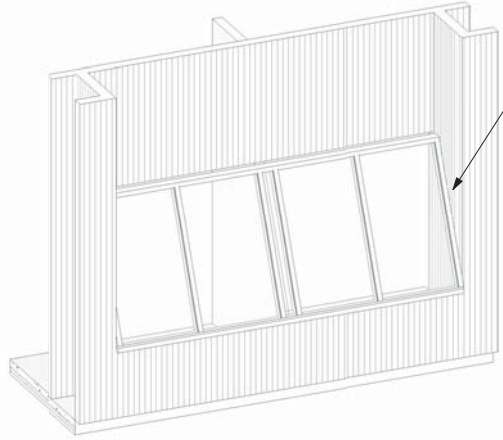
FIRST FLOOR PLAN - NEW
CONSTRUCTION

A110

IF THIS DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING HAS BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES

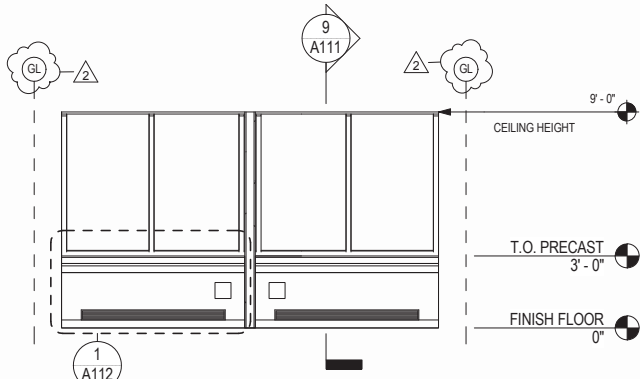
C:\Users\gbelon\Documents\17-236 COV HHES_GBelon@bettisworthnorth.com.rvt

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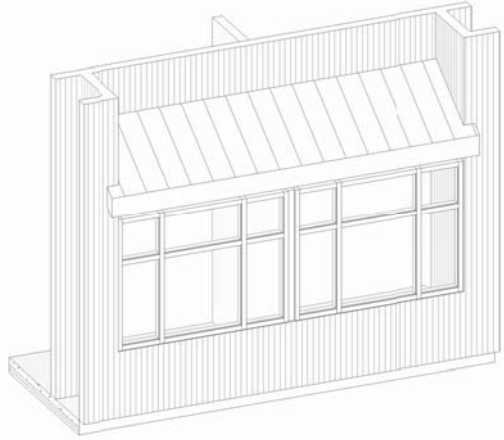


ALL SIDING TO BE SALVAGED, PREP REMAINING AS NEEDED FOR NEW WORK

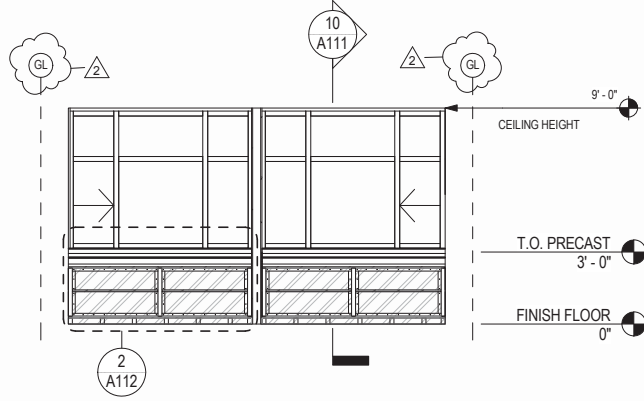
1 CLASSROOM WINDOW - EXISTING
A111



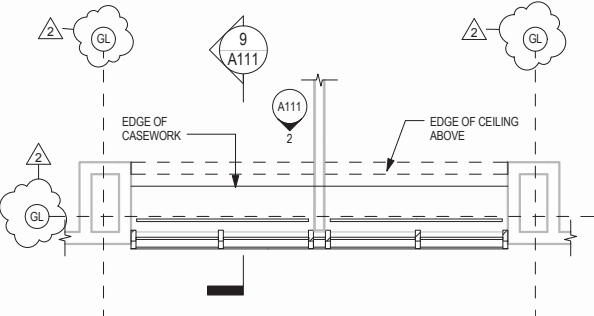
2 INT. ELEV. - CLASSROOM - EXISTING
A111 1/4" = 1'-0"



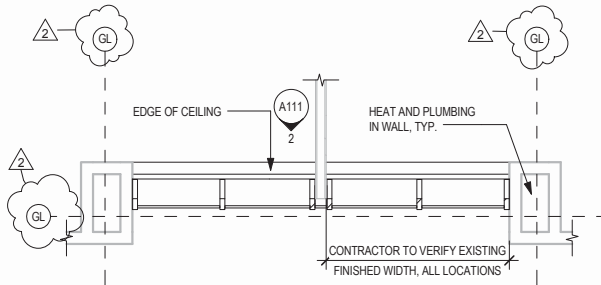
3 CLASSROOM WINDOW - NEW
A111



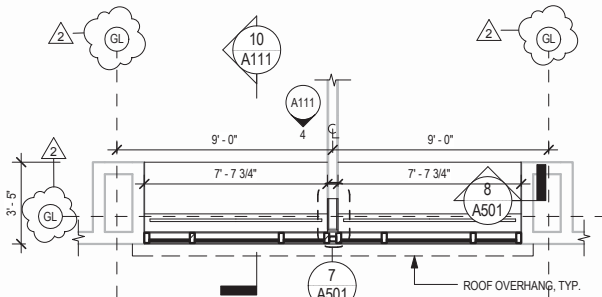
4 INT. ELEV. - CLASSROOM - NEW
A111 1/4" = 1'-0"



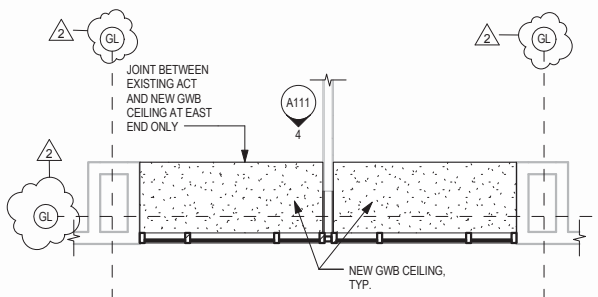
5 PLAN - CLASSROOM - EXISTING
A111 1/4" = 1'-0"



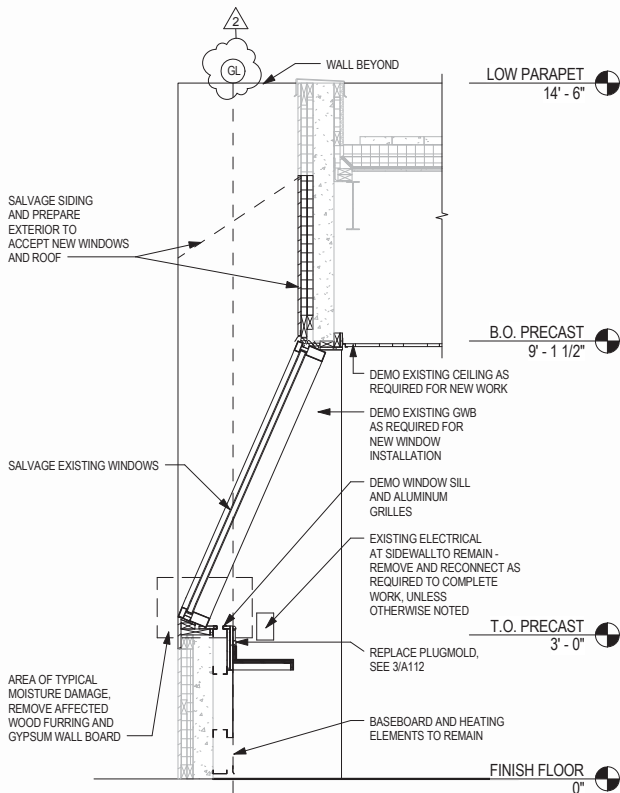
6 RCP - CLASSROOM - EXISTING
A111 1/4" = 1'-0"



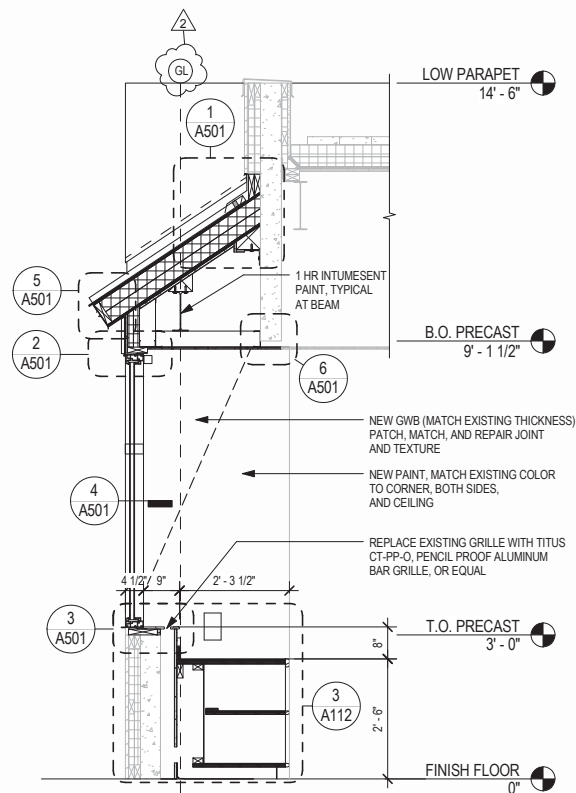
7 PLAN - CLASSROOM - NEW
A111 1/4" = 1'-0"
(CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS)



8 RCP - CLASSROOM - NEW
A111 1/4" = 1'-0"



9 WALL SECTION - CLASSROOM - EXISTING DEMO
A111 1/2" = 1'-0"



10 WALL SECTION - CLASSROOM - NEW
A111 1/2" = 1'-0"
(CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS)

BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

CORPORATE NO. AEC219 WWW.BETTISWORTHNORTH.COM

CONSULTANT:

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: GB
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SYMBOL	DESCRIPTION	DATE
2	Addendum No. 3	04/19/2018

CLASSROOM WINDOW

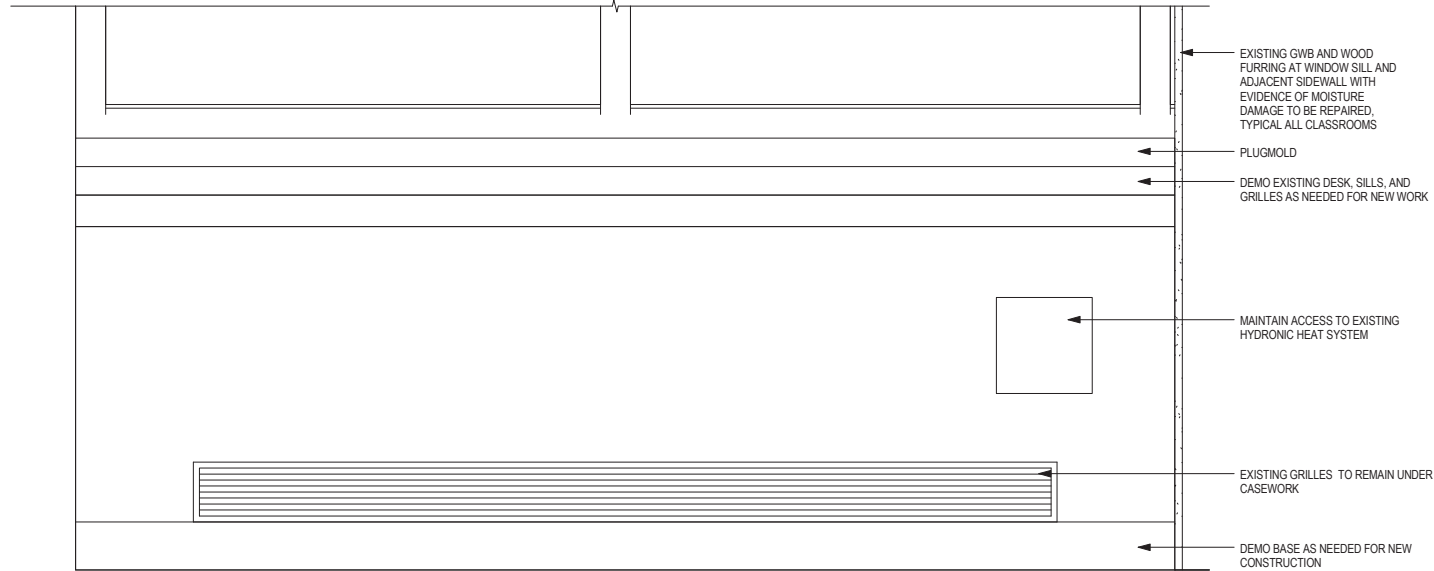
A111

BETTISWORTH NORTH ARCHITECTS & PLANNERS

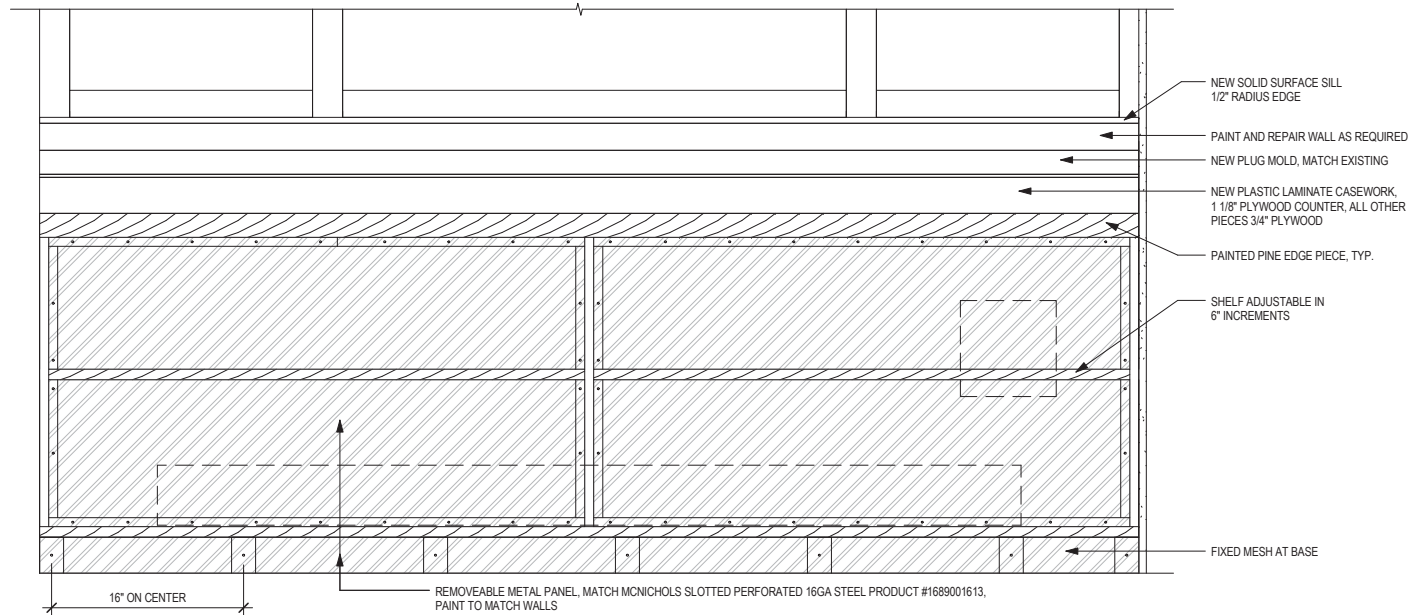
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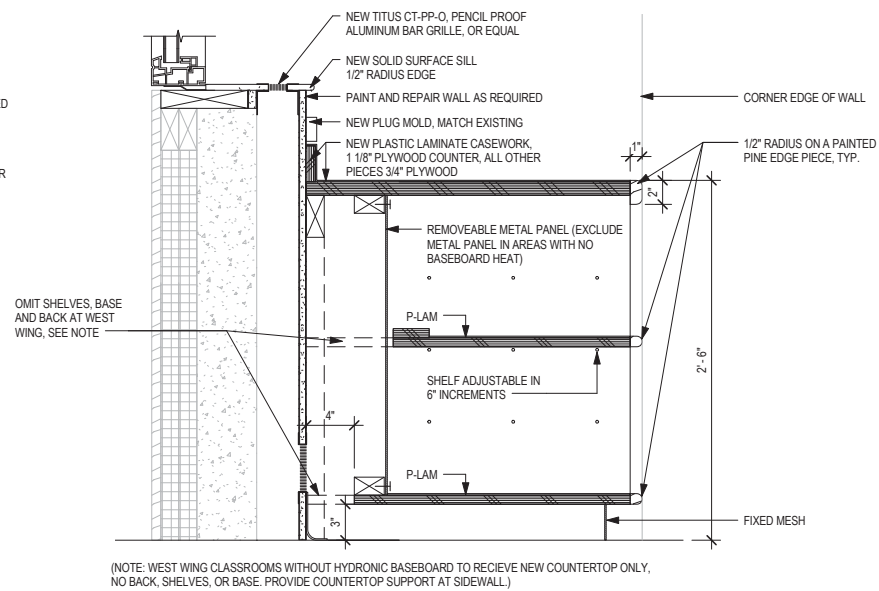
4/23/2018 11:13:59 AM



1 CLASSROOM CASEWORK - EXISTING
A112 1 1/2" = 1'-0"



2 CLASSROOM CASEWORK - NEW
A112 1 1/2" = 1'-0"

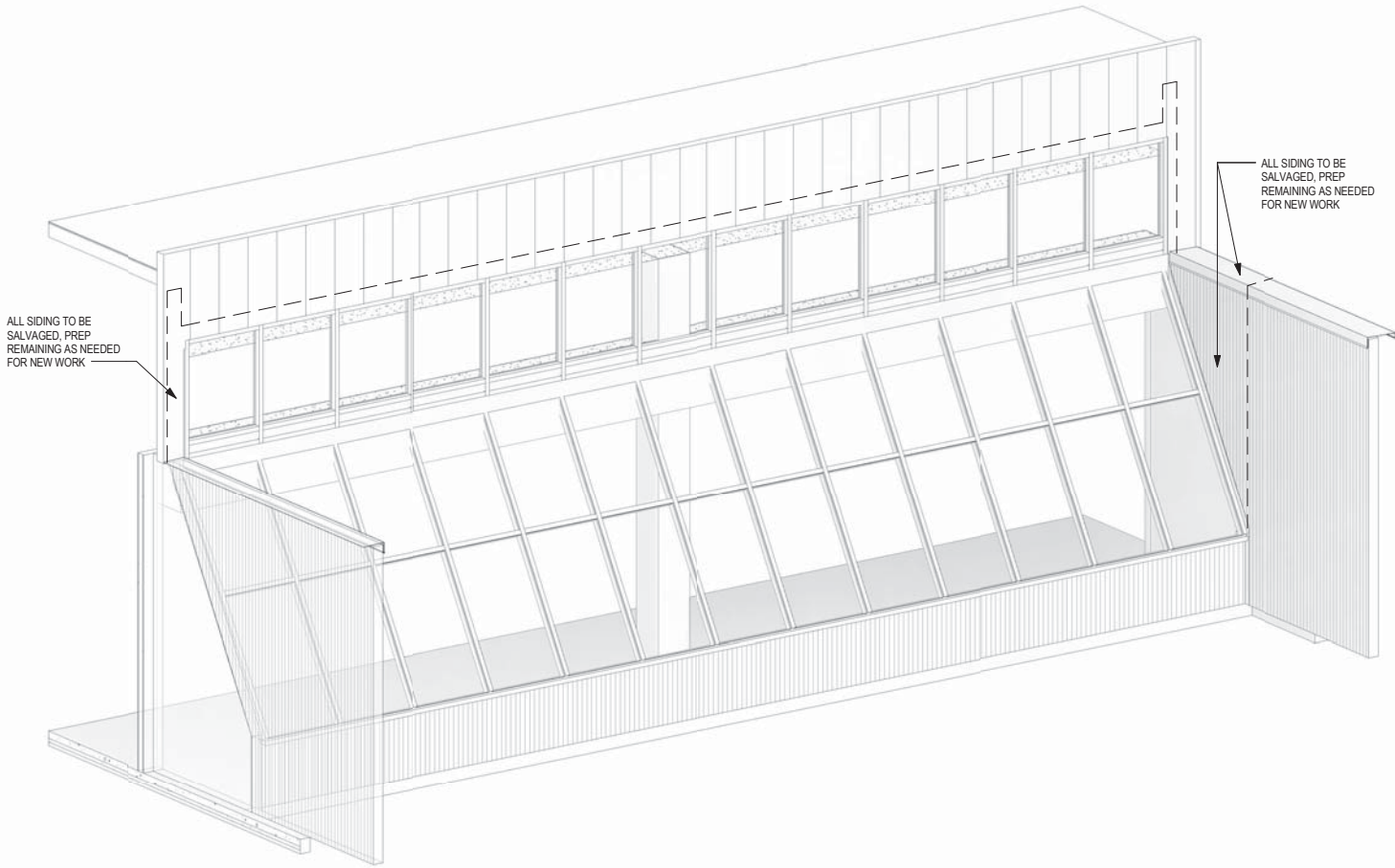


3 CLASSROOM COUNTERTOP - NEW
A112 1 1/2" = 1'-0"

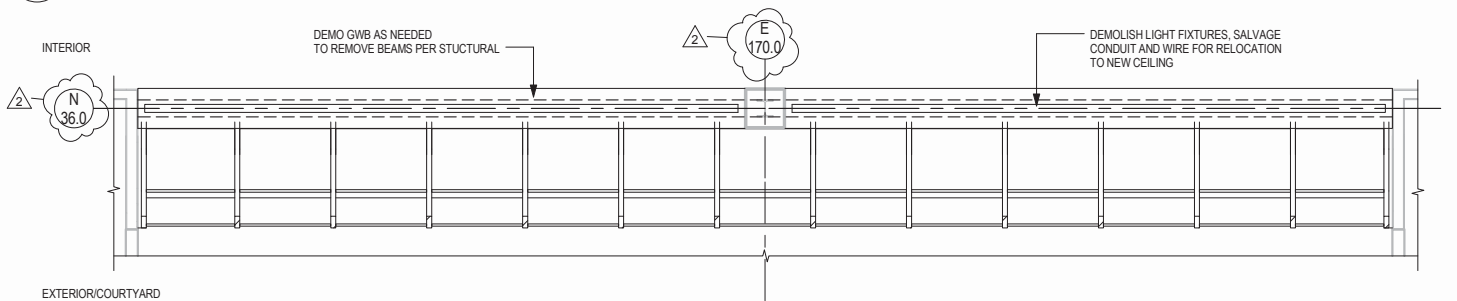
IF THIS DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING HAS BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES

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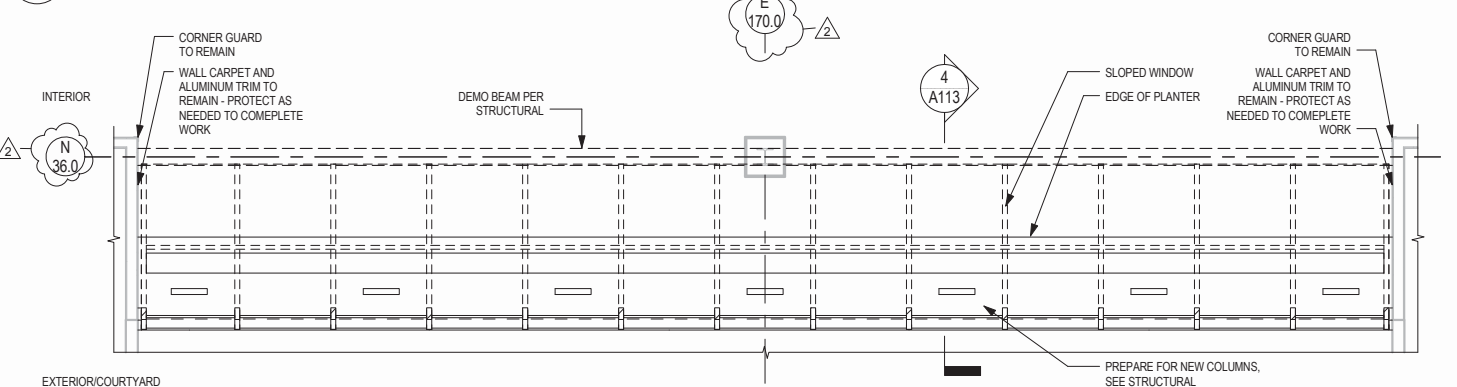
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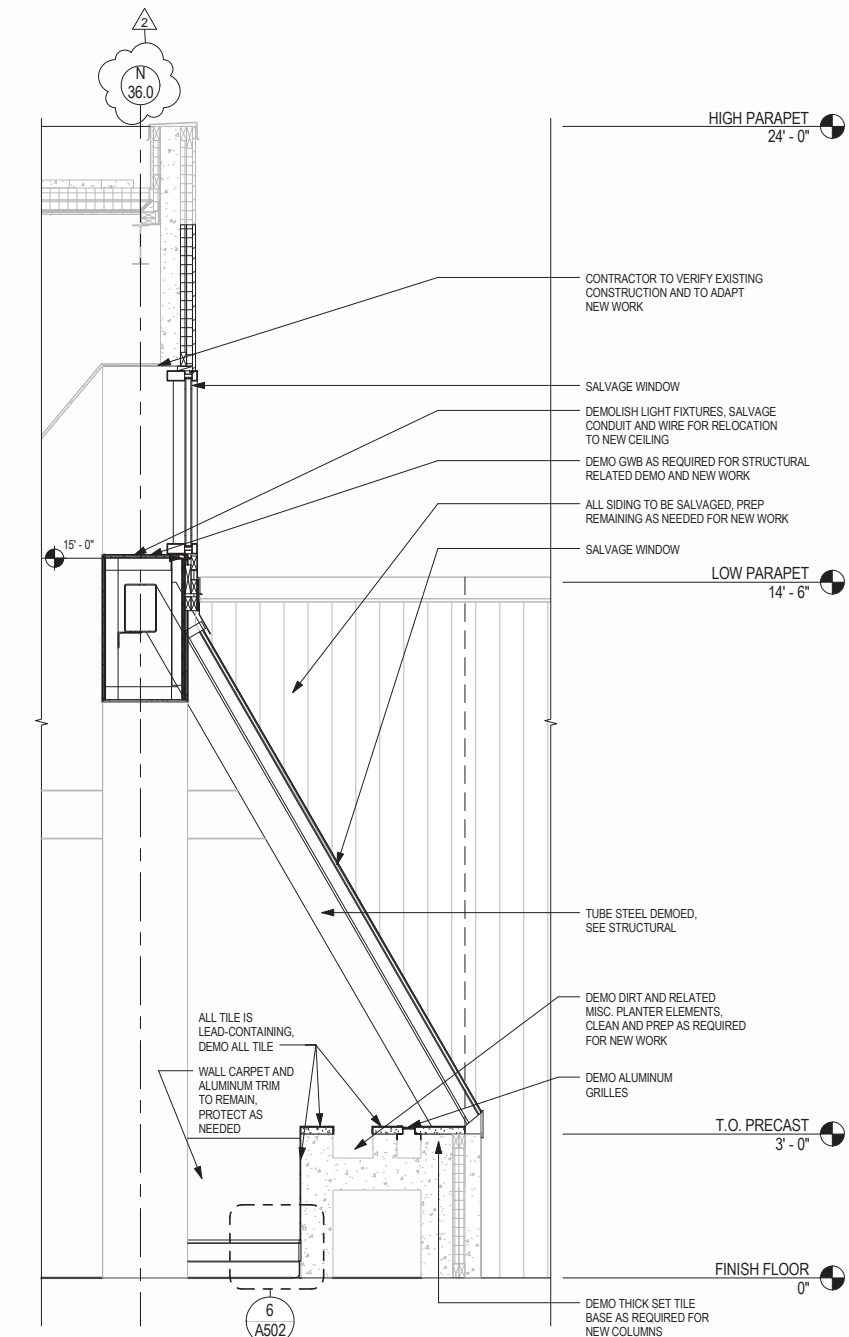
1 AXON - CAFETERIA WINDOW - EXISTING



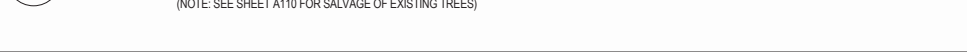
2 CAFETERIA - EXISTING @ BEAM



3 PLAN - CAFETERIA WINDOW - EXISTING



4 WALL SECTION - CAFETERIA WINDOW - EXISTING DEMO



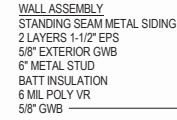
CONSULTANT:

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: GB
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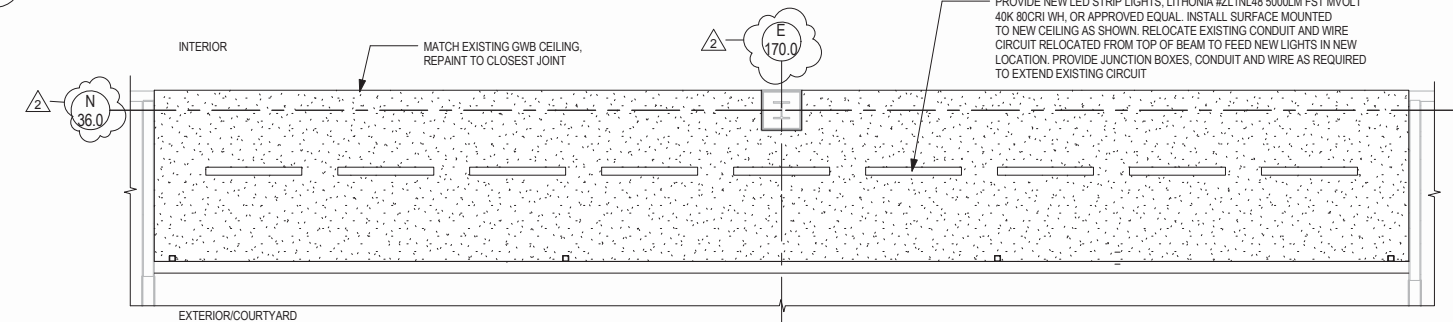
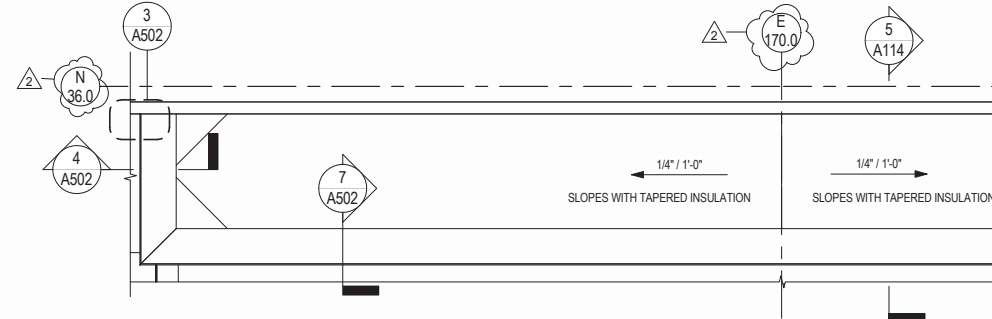
SYMBOL	DESCRIPTION	DATE
2	Addendum No. 3	04/19/2018

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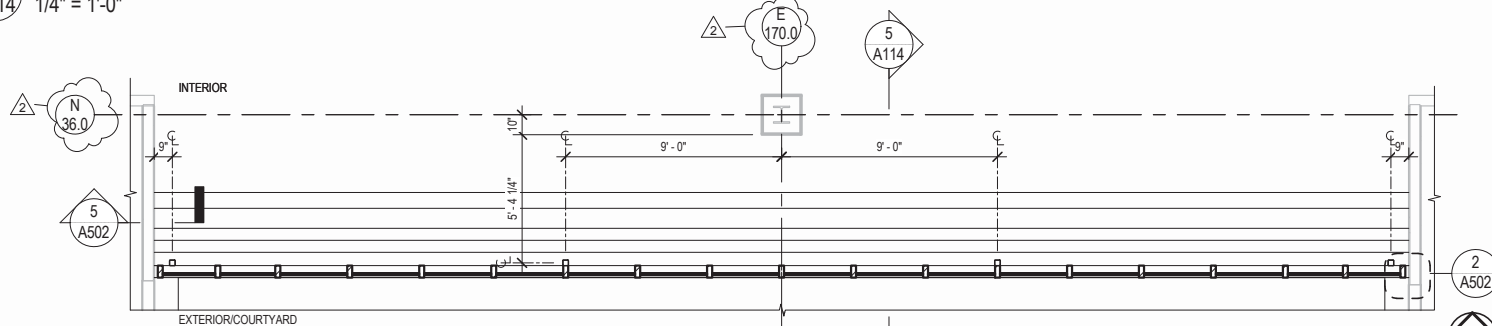
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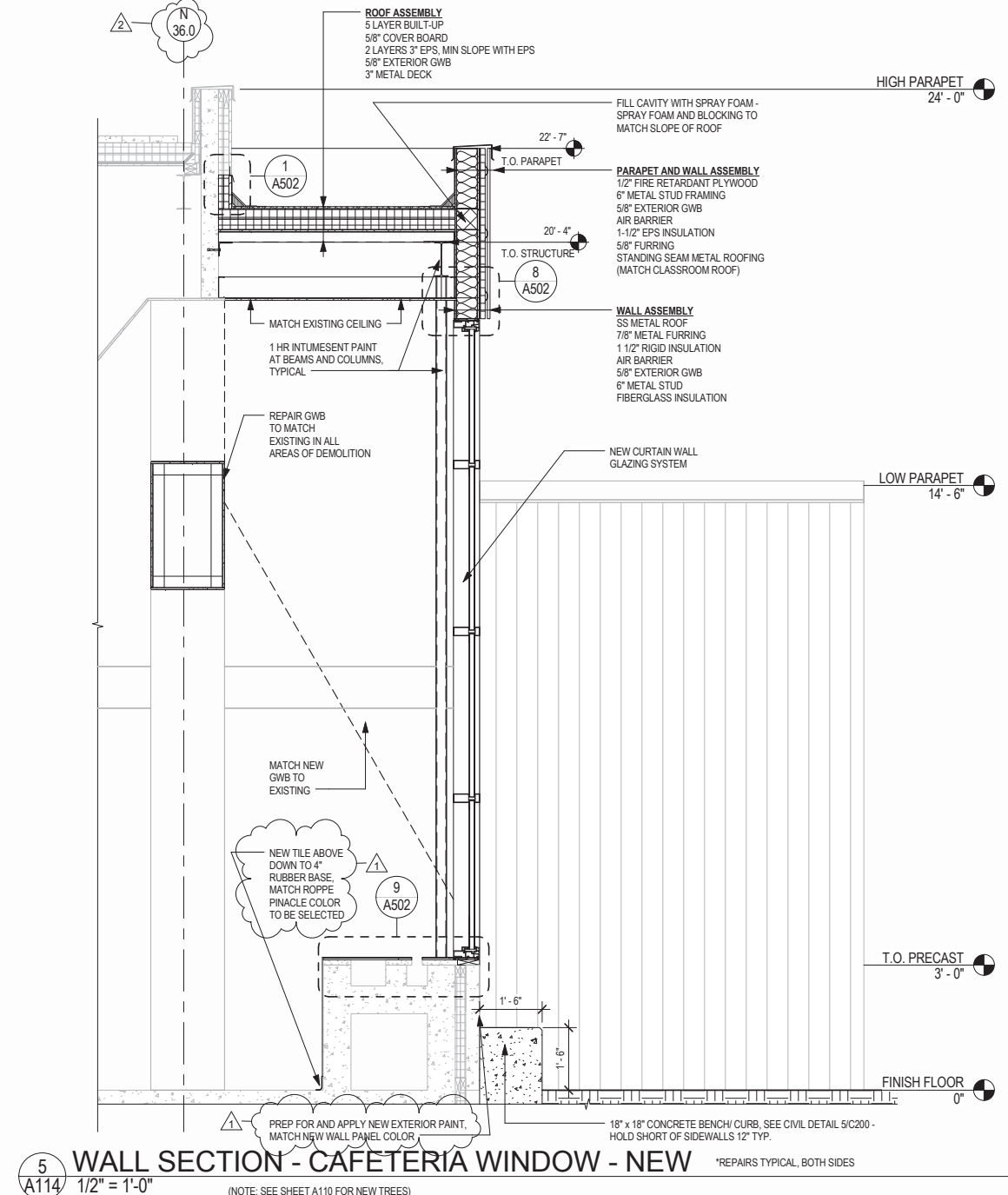
1
A114



(3)
A114



(4)
A114



BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

CORPORATE NO. AECC219 WWW.BETTISWORTHNORTH.COM

CONSULTANT:

PROJECT NO:	17-236
DATE:	03/26/2018
DRAWN BY:	GB
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SYMBOL	DESCRIPTION	DATE
1	Addendum No. 1	04/12/2018
2	Addendum No. 3	04/19/2018

CAFETERIA WINDOW - NEW

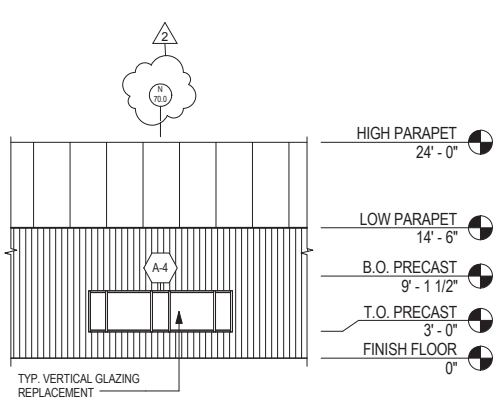
A114

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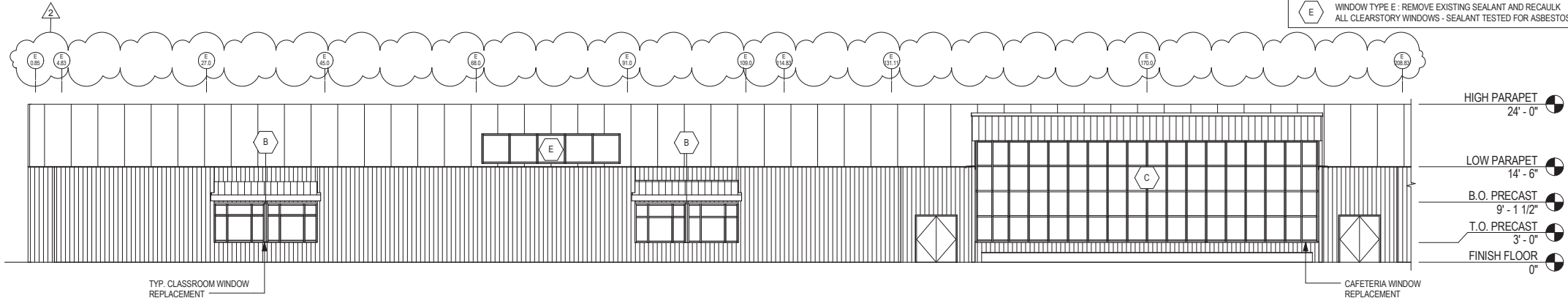
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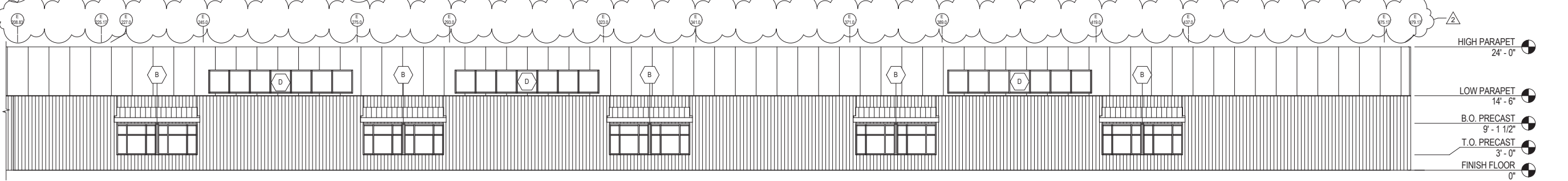
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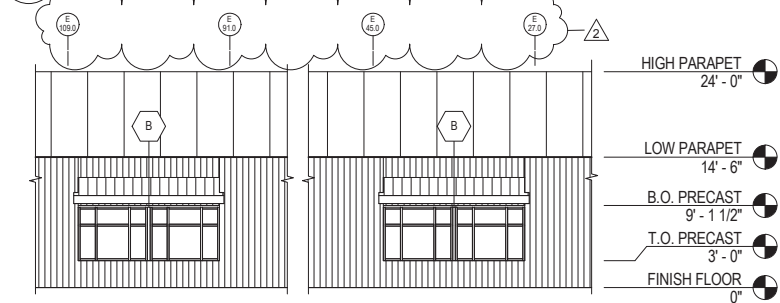
1 AREA A - WEST ELEVATION
A301 3/32" = 1'-0"



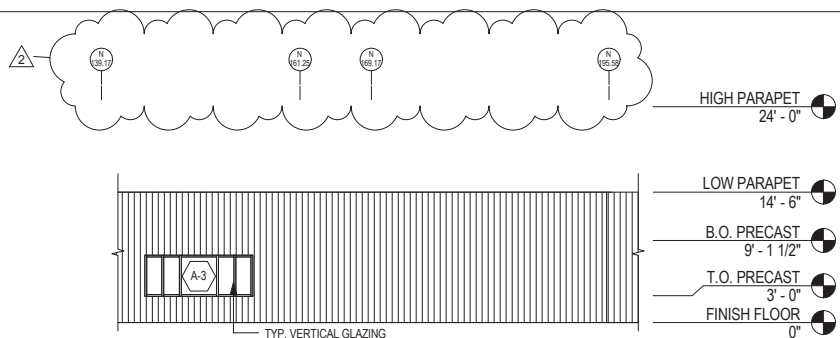
2 AREA A - SOUTH ELEVATION
A301 3/32" = 1'-0"



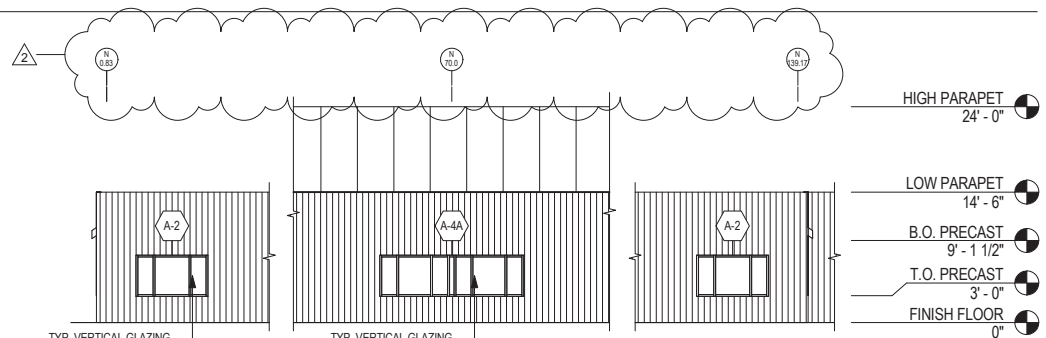
3 AREA B + C - SOUTH ELEVATION
A301 3/32" = 1'-0"



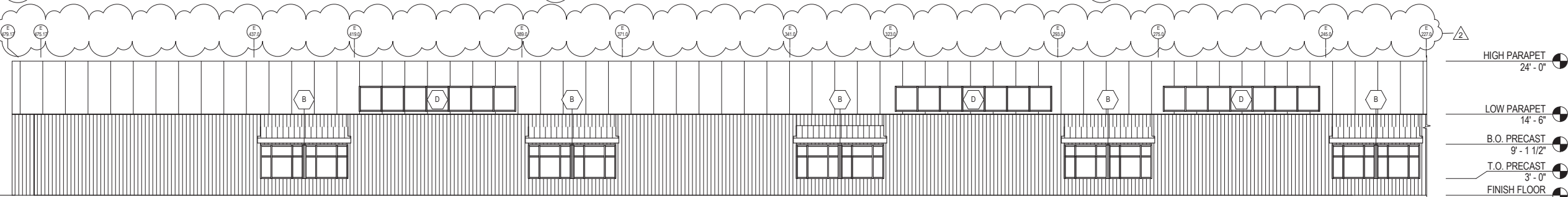
4 AREA A - NORTH ELEVATION
A301 3/32" = 1'-0"



5 AREA D - EAST ELEVATION
A301 3/32" = 1'-0"



6 AREA C - EAST ELEVATION
A301 3/32" = 1'-0"



7 AREA B + C - NORTH ELEVATION
A301 3/32" = 1'-0"

WINDOW TYPE KEY	
A-2	WINDOW TYPE A-2 : REPLACE VERTICAL GLAZING
A-3	WINDOW TYPE A-3 : REPLACE VERTICAL GLAZING
A-4	WINDOW TYPE A-4 : REPLACE VERTICAL GLAZING
B	WINDOW TYPE B : REPLACE SLOPED GLAZING AT CLASSROOMS
C	WINDOW TYPE B : REPLACE CAFETERIA GLAZING
D	WINDOW TYPE D : REMOVE EXISTING SEALANT AND RECAULK ALL CLEARSTORY WINDOWS - SEALANT TESTED FOR ASBESTOS
E	WINDOW TYPE E : REMOVE EXISTING SEALANT AND RECAULK ALL CLEARSTORY WINDOWS - SEALANT TESTED FOR ASBESTOS

BETTISWORTH NORTH



CITY OF VALDEZ
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VALDEZ, ALASKA

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DATE:	03/26/2018
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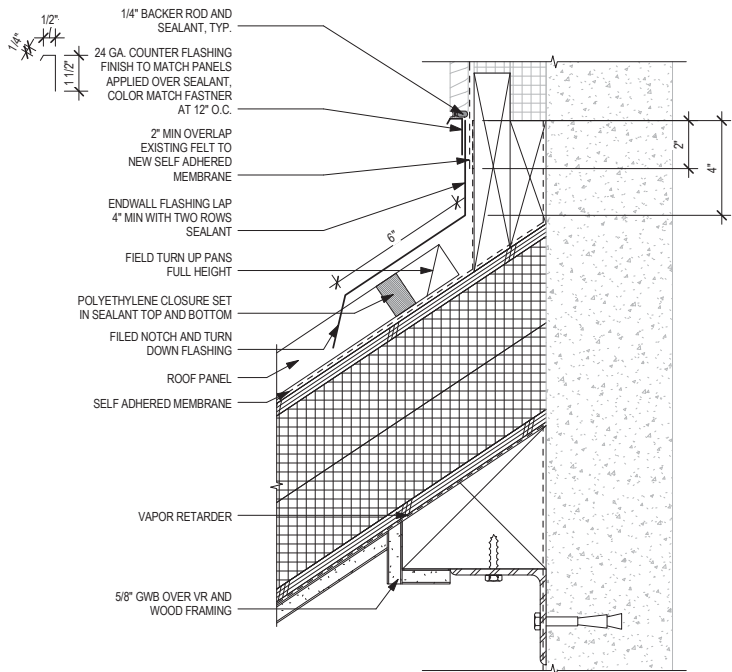
SYMBOL	DESCRIPTION	DATE
2	Addendum No. 3	04/19/2018

EXTERIOR ELEVATIONS - NEW CONSTRUCTION
A301
BETTISWORTH NORTH ARCHITECTS & PLANNERS

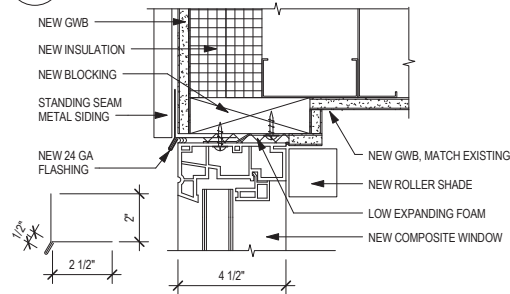
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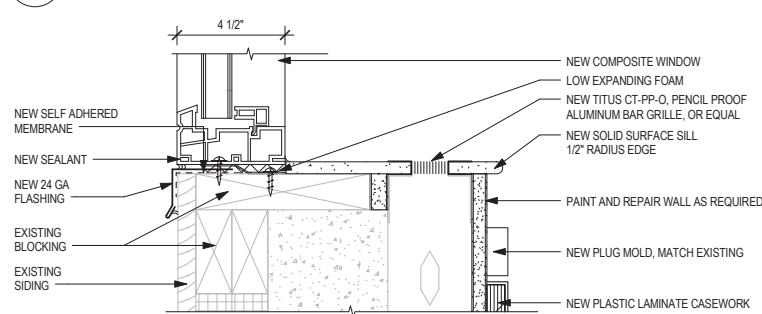
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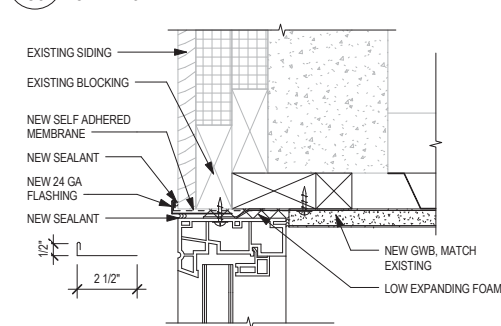
1 CLASSROOM WINDOW - ROOF HEAD
3" = 1'-0"



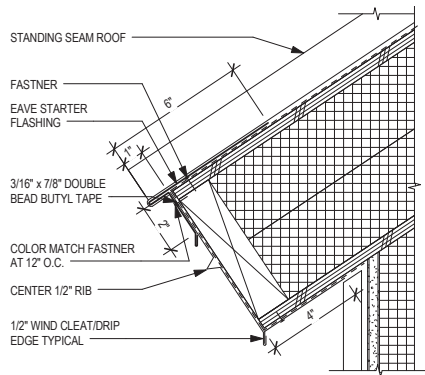
2 CLASSROOM WINDOW HEAD - NEW
3" = 1'-0"



3 CLASSROOM WINDOW SILL - NEW
3" = 1'-0"

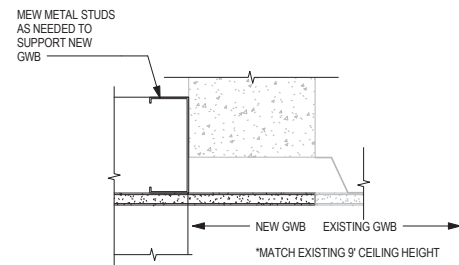


4 CLASSROOM WINDOW JAMB - NEW
3" = 1'-0"

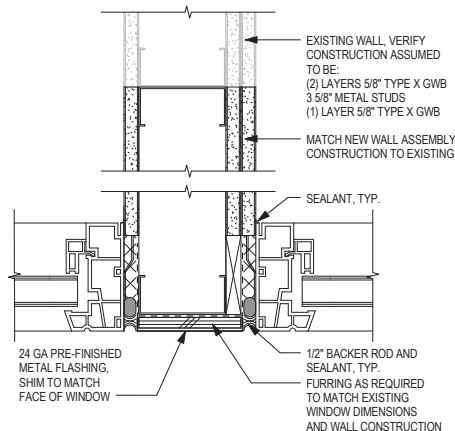


(NOTE: 24 GA TYP. MATCH DETAILS TO MEET ROOFING MANUFACTURER'S WARRANTY AS REQUIRED)

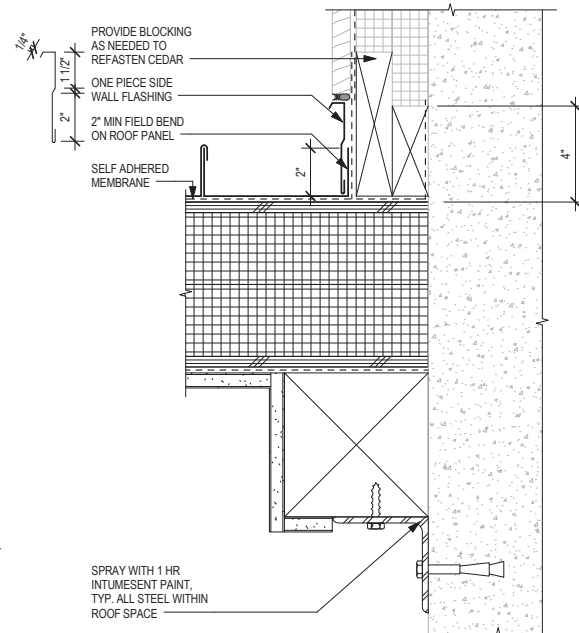
5 CLASSROOM WINDOW - ROOF OVERHANG
3" = 1'-0"



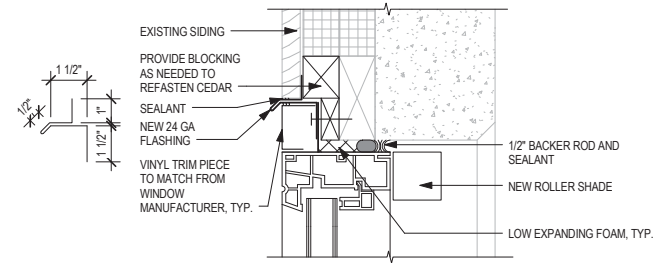
6 CLASSROOM - CEILING CONTINUATION
3" = 1'-0"



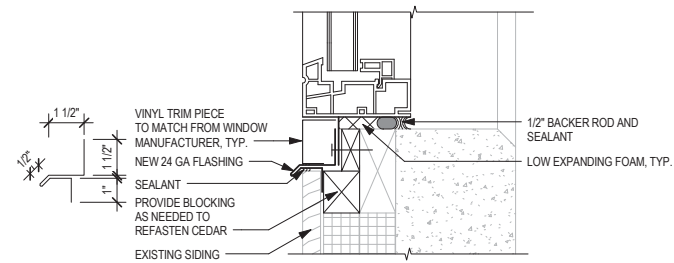
7 CLASSROOM DIVISION @ WINDOW
3" = 1'-0"



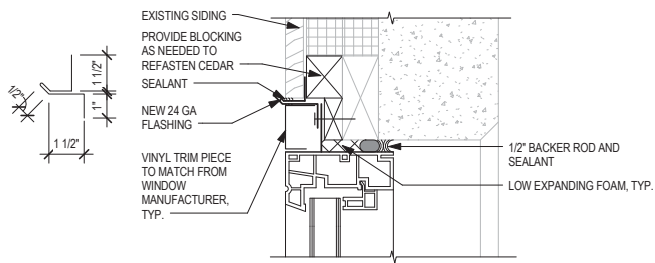
8 CLASSROOM WINDOW - ROOF @ SIDEWALL
3" = 1'-0"



9 VERTICAL GLAZING HEAD - NEW
3" = 1'-0"



10 VERTICAL GLAZING SILL - NEW
3" = 1'-0"



11 VERTICAL GLAZING JAMB - NEW
3" = 1'-0"

BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

CONSULTANT:

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: GB
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SYMBOL	DESCRIPTION	DATE

OPENING DETAILS - CLASSROOM

A501

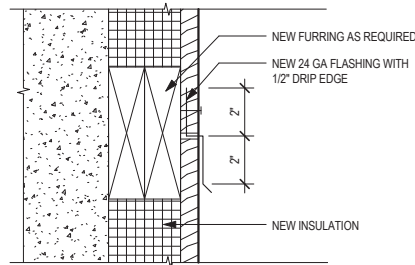
BETTISWORTH NORTH ARCHITECTS & PLANNERS

CORPORATE NO. AEC219 WWW.BETTISWORTHNORTH.COM

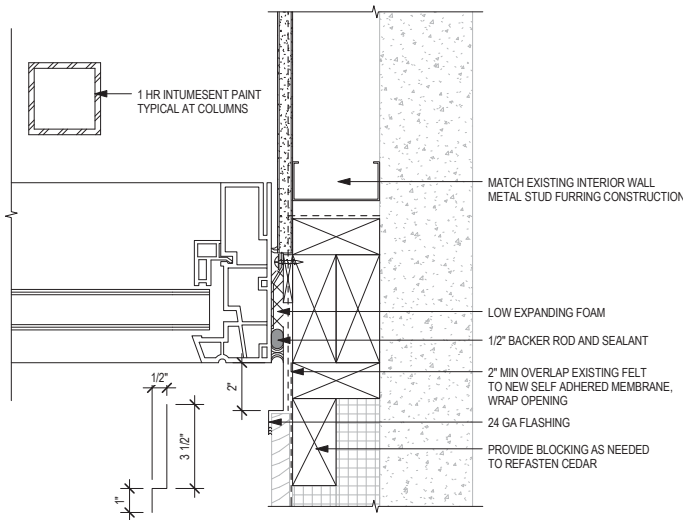
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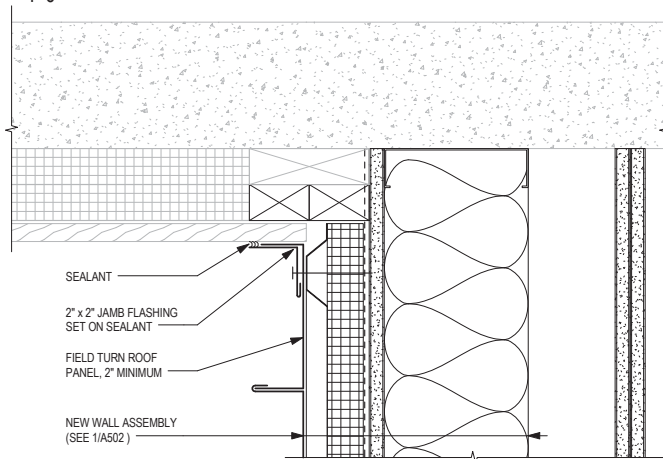
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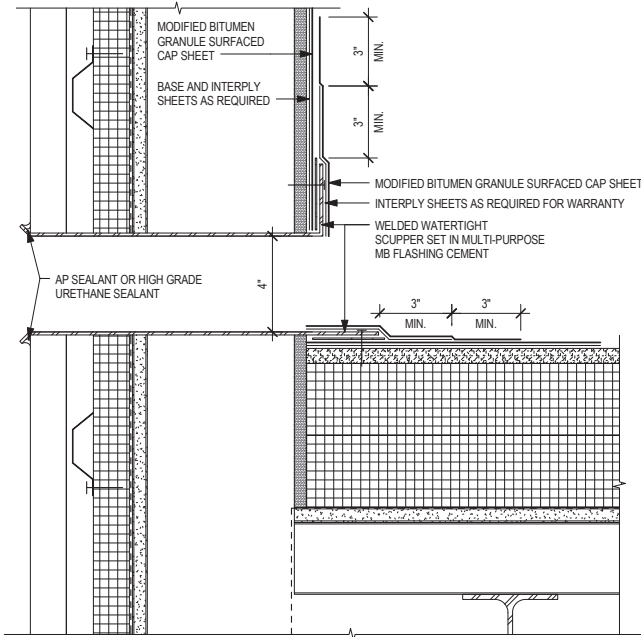
1
A502 NEW CONSTRUCTION AT PARAPET
3" = 1'-0"



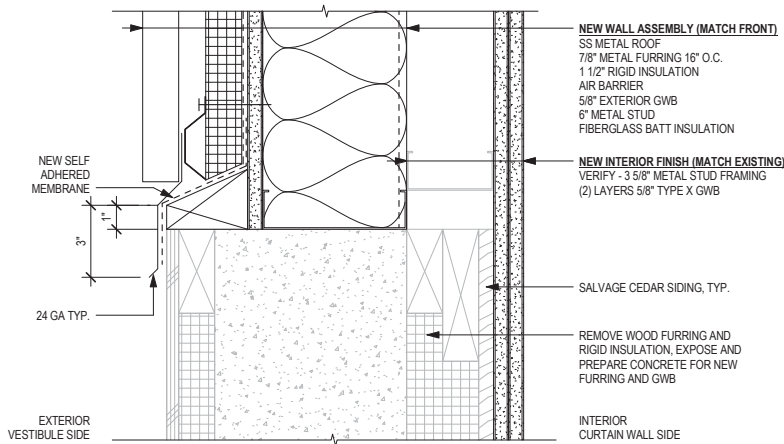
2
A502 CAFETERIA WINDOW JAMB - NEW
3" = 1'-0"



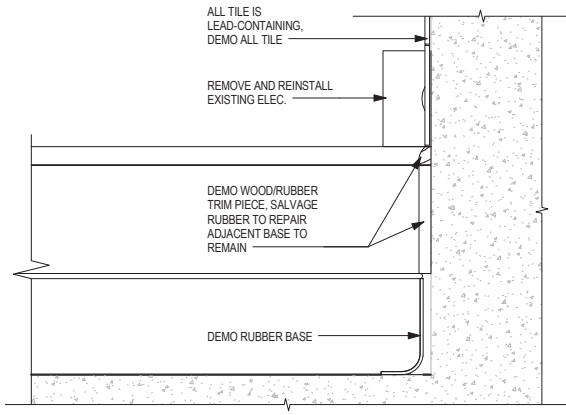
3
A502 CAFETERIA WALL TRANSITION @ CORNER
3" = 1'-0"



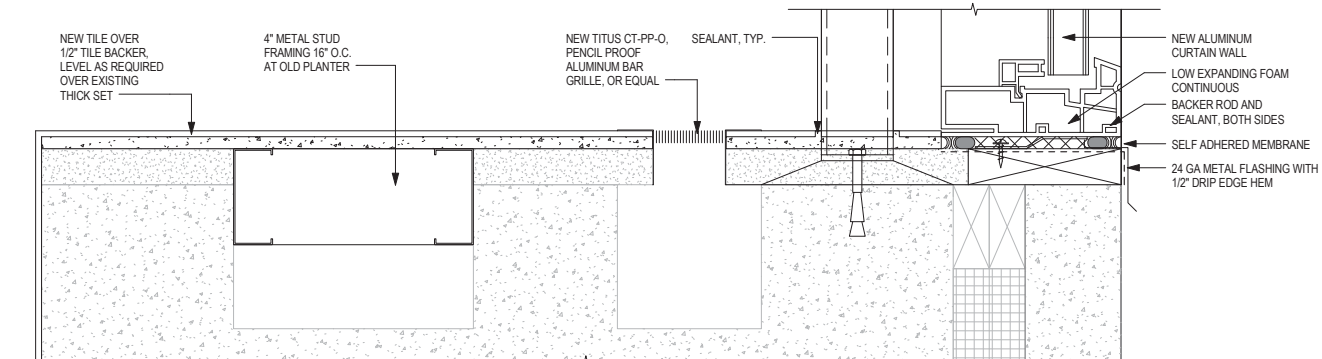
4
A502 NEW CAFETERIA ROOF - SCUPPER
3" = 1'-0"



5
A502 NEW CAFETERIA WALL @ EXISTING PARAPET
3" = 1'-0"



6
A502 PLANTER BASE - EXISTING
3" = 1'-0"

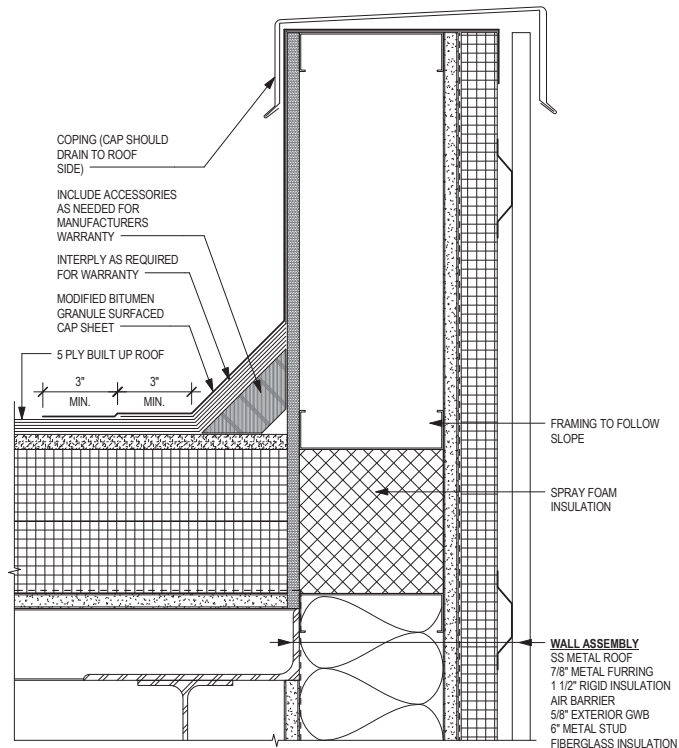


9
A502 CAFETERIA WINDOW SILL - NEW
3" = 1'-0"

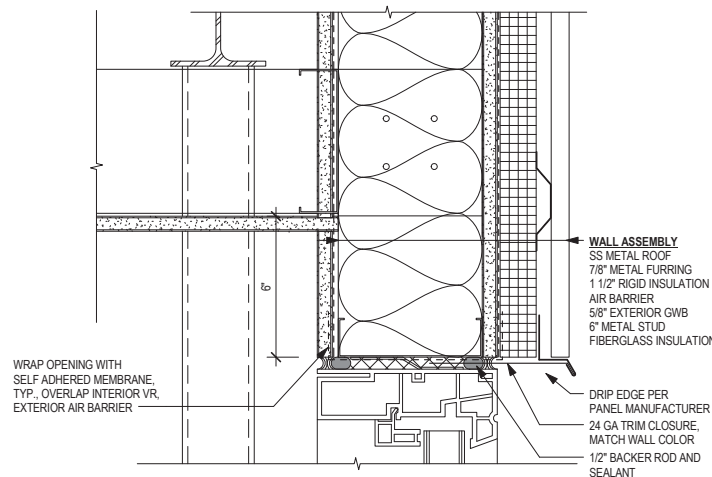
NOTES:
1. ATTACH NAILER TO DECK WITH SUITABLE FASTENER.
2. ALL SHEET METAL TO BE INSTALLED PER SMACNA GUIDELINES.
3. GRANULES MUST BE EMBEDDED WHEN USING TORCH APPLIED GRANULE SURFACED CAP SHEETS PRIOR TO COMPLETING SIDE LAPS. FLASHING LAPS MUST BE OFFSET FROM FIELD SHEET LAPS A MINIMUM OF 12".
4. IF FLASHING MUST EXTEND ABOVE 24" IN HEIGHT, FLASHING WIDTH MUST NOT EXCEED 36" AND SHALL BE ATTACHED IN SIDE LAPS AT 9" O.C.

ASPHALT IS APPLIED UNIFORMLY TO EACH PLY AT A RATE OF APPROXIMATELY 25 LBS PER 100 SQFT OF ROOF SURFACE (+/- 15%).

PARAPET WITH NAILABLE SUBSTRATES MUST HAVE MB BASE SHEETS ATTACHED:
LAPS 9" O.C.
TOPS 9" O.C.
FIELD 1 PER 1 S.F.



7
A502 NEW CAFETERIA ROOF - BASE FLASHING
3" = 1'-0"



8
A502 CAFETERIA WINDOW HEAD - NEW
3" = 1'-0"

BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

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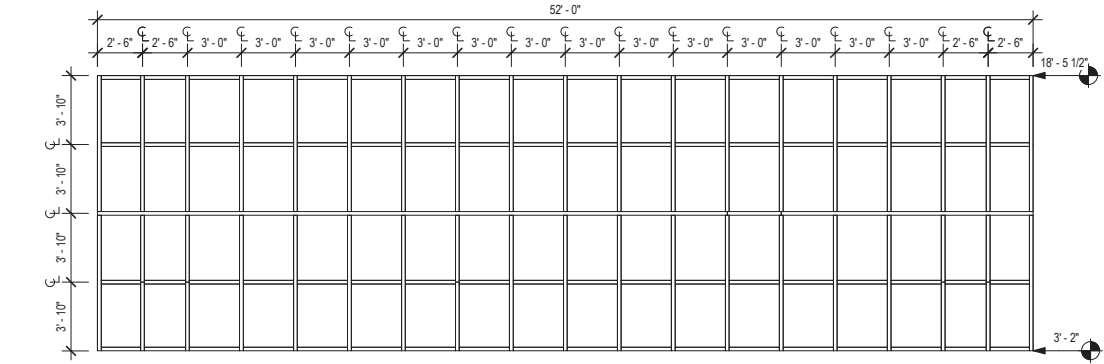
PROJECT NO: 17-236
DATE: 03/26/2018
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CHECKED BY: DS

SYMBOL	DESCRIPTION	DATE

OPENING DETAILS - CAFETERIA

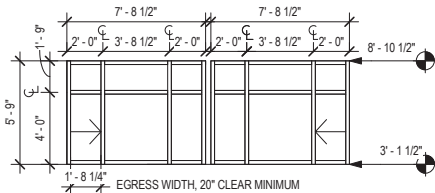
A502

BETTISWORTH NORTH ARCHITECTS & PLANNERS



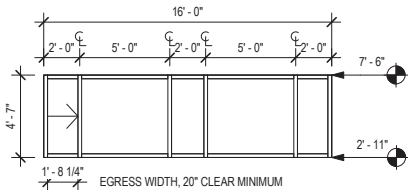
1 WINDOW TYPE C
A901 3/16" = 1'-0"

COUNT: 1



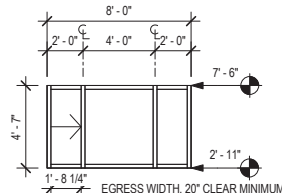
2 WINDOW TYPE B
A901 3/16" = 1'-0"

COUNT: 14



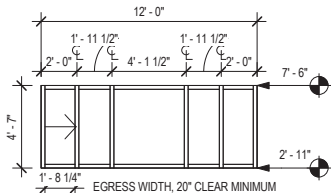
5 WINDOW TYPE A-4
A901 3/16" = 1'-0"

COUNT: 1



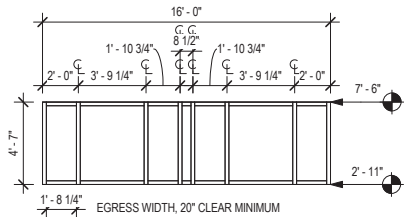
3 WINDOW TYPE A-2
A901 3/16" = 1'-0"

COUNT: 2



4 WINDOW TYPE A-3
A901 3/16" = 1'-0"

COUNT: 1



6 WINDOW TYPE A-4A
A901 3/16" = 1'-0"

COUNT: 1

NOTE: CONTRACTOR TO VERIFY IN FIELD ALL OVERALL EXISTING WINDOW DIMENSIONS AND ROUGH OPENINGS FOR NEW WINDOW INSTALLATION. WINDOW MANUFACTURER TO CONFIRM OPERABLE PORTIONS MEET MINIMUM EGRESS REQUIREMENTS. ROLLER SHADES TO BE INCLUDED ON ALL NEW WINDOWS, MATCH MULLION LAYOUT AS NEEDED TO MEET WIDTH LIMITS.

TYPICAL ABBREVIATIONS

(A)	ABOVE	FD	FLOOR DRAIN	P/C	PRECAST
AB	ANCHOR BOLT	FDN	FOUNDATION	PEMB	PRE-ENGINEERED METAL BUILDING
A/C	ASPHALTIC CONCRETE	FIN	FINISH, FINISHED	PERP	PERPENDICULAR
ACI	AMERICAN CONCRETE INSTITUTE	FF	FINISHED FLOOR, FAR FACE	PJ	PANEL JOINT
ADDL	ADDITIONAL	FLG	FLANGE	PL	PLATE (STEEL), PROPERTY LINE
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	FLR	FLOOR	PL	PLATE (WOOD)
AGGR	AGGREGATE	FLASH	FLASHING	PLCS	PLACES
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FOS	FACE OF STUDS	PLWD	PLYWOOD
AISI	AMERICAN IRON AND STEEL INSTITUTE	FP	FIREPROOF, FULL PENETRATION	PP	PARTIAL PENETRATION
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION	FS	FINISH SLAB ELEVATION, FAR SIDE	P/S	PRESTRESSED
ALT	ALTERNATE	FT OR '	FOOT, FEET	PSF	POUNDS PER SQUARE FOOT
ALUM	ALUMINUM	FTG	FOOTING	PSI	POUNDS PER SQUARE INCH
ARCH	ARCHITECT, ARCHITECTURAL	FUT	FUTURE	PSL	PARALLEL STRAND LUMBER
@	AT	FV	FIELD VERIFY	PT	PRESSURE TREATED
APPROX	APPROXIMATELY			P/T	POST TENSION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	GA	GAUGE, GAGE	PVC	POLYVINYL CHLORIDE
ASPH	ASPHALT	GALV	GALVANIZED	PVMT	PAVEMENT
ASTM	AMERICAN SOCIETY FOR TESTING MATERIAL	GEN	GENERAL		
AWS	AMERICAN WELDING SOCIETY	GIRD	GIRDER	R	RADIUS
&	AND	GL	GLUE LAMINATED	RD	ROOF DRAIN, ROUND
		GND	GROUND	REF	REFERENCE
(B)	BELOW	GR	GRADE	REINF	REINFORCING, REINFORCEMENT, REINFORCED
B	BOTTOM (BEAM AND JOIST SCHEDULES ONLY)	GWB	GYPSUM WALL BOARD	REQD	REQUIRED
BD	BOARD	GYP	GYPSUM	RO	ROUGH OPENING
BITUM	BITUMINOUS			RS	RING SHANK
BL	BUILDING LINE	HDG	HOT DIPPED GALVANIZED		
BLDG	BUILDING	HEF	HORIZONTAL EACH FACE	S	AMERICAN STANDARD STEEL SHAPE, SOUTH
BLK	BLOCK	HORIZ	HORIZONTAL	SCHED	SCHEDULE
BLKG	BLOCKING	HP	HIGH POINT, HP STEEL SHAPE	SEC-	SECTION
BOD	BOTTOM OF DECK ELEVATION	HSB	HIGH STRENGTH BOLT	SH	SHEAR PLATE
BM	BEAM	HSS	HOLLOW STRUCTURAL SECTION	SHT	SHEET
BOT	BOTTOM	HT	HEIGHT	SHTG	SHEETING
BRG	BEARING			SHTHG	SHEATHING
BSMT	BASEMENT	IBC	INTERNATIONAL BUILDING CODE	SIM	SIMILAR
BTWN	BETWEEN	IDB	INSIDE DIAMETER	SIP	STRUCTURAL INSULATED PANEL
		IE	INVERT ELEVATION	SLBB	SHORT LEGS BACK TO BACK
C	AMERICAN CHANNELS	IF	INSIDE FACE	SMS	SHEET METAL SCREWS
CB	CATCH BASIN	IN OR "	INCH	SOG	CONCRETE SLAB ON GRADE
CG	CENTER OF GRAVITY	INCL	INCLUDE	SP	SPIRAL
CJ	CONSTRUCTION JOINT	INSUL	INSULATION, INSULATED, INSULATE	SPA	SPACE, SPACING
CIP	CAST-IN-PLACE	INT	INTERIOR		
CL	CENTER LINE			SPEC	SPECIFICATION
CJP	COMPLETE JOINT PENETRATION	JT	JOINT	SQ	SQUARE
CLKG	CAULKING	JST	JOIST	SS	STAINLESS STEEL
CLR	CLEAR			SSL	SHORT SLOTTED HOLE
CMP	CORRUGATED METAL PIPE	K	KIP, KIPS	ST	STRUCTURAL T FROM S SERIES SECTION
CMU	CONCRETE MASONRY UNIT	KSI	KIPS PER SQUARE INCH	STA	STATION
CO	CLEANOUT, CONCRETE OPENING			STD	STANDARD
COL	COLUMN	LB OR #	POUND	STIFF	STIFFENED
CONC	CONCRETE	LLBB	LONG LEG BACK TO BACK	STIRR	STIRRUP
CONN	CONNECTION	LLH	LONG LEGS HORIZONTAL	STL	STEEL
CONSTR	CONSTRUCTION	LLV	LONG LEGS VERTICAL	STRUCT	STRUCTURAL
CONT	CONTINUOUS	LONGIT	LONGITUDINAL	SUP	STRUCTURAL USE PANEL
CONTR	CONTRACTOR	LP	LOW POINT	SUPT	SUPPORT
CTJ, CJ	CONTROL JOINT, CONTRACTION JOINT	LSL	LONG SLOTTED HOLES	SUSP	SUSPENDED
CTR	CENTER	LT	LIGHT	SYMM	SYMMETRICAL
CTSK	COUNTERSUNK	LT WT	LIGHT WEIGHT		
CU	CUBIC	L	ANGLE	T	TOP
		LVF	LOW VELOCITY FASTENERS	TC	TOP OF CURB
DBL	DOUBLE			T&G	TONGUE AND GROOVE
DEPT	DEPARTMENT	M	MISCELLANEOUS SHAPE	TEMP	TEMPERATURE, TEMPORARY
DET	DETAIL	MAS	MASONRY	THK	THICK
DIA, Ø	DIAMETER	MATL	MATERIAL	THRU	THROUGH
DIAA	DRILLED-IN ADHESIVE ANCHOR	MAX	MAXIMUM	TOB	TOP OF BEAM ELEVATION
DIAB	DRILLED-IN ADHESIVE BOLT	MC	MISCELLANEOUS CHANNEL SECTION	TOC	TOP OF CONCRETE ELEVATION,
DIAG	DIAGONAL	MECH	MECHANICAL		TOP OF CMU ELEVATION
DIAPH	DIAPHRAGM	MEMB	MEMBRANE	TOF	TOP OF FOOTING ELEVATION
DIEB	DRILLED-IN EXPANSION BOLT	MFR	MANUFACTURER	TOS	TOP OF STEEL ELEVATION
DIM	DIMENSION	MFRG	MANUFACTURING	TOSH	TOP OF SHEATHING ELEVATION
DN	DOWN	MIN	MINIMUM	TOW	TOP OF WALL ELEVATION
do	DITTO	MISC	MISCELLANEOUS	TP	TOP OF PAVEMENT
DP	DEEP	MT	STRUCTURAL TEE FROM	TRANS	TRANSVERSE
DWG	DRAWING		M SERIES SECTION	TYP	TYPICAL
DWL	DOWEL	MTD	MOUNTED		
		MTL	METAL	UBC	UNIFORM BUILDING CODE
E	EAST			UL	UNDERWRITERS LABORATORY
EA	EACH	N	NORTH	UON	UNLESS OTHERWISE NOTED
EB	EXPANSION BOLT	NDT	NON-DESTRUCTIVE TESTING	UT	ULTRASONIC TEST
EF	EACH FACE	NF	NEAR FACE		
EXJ	EXPANSION JOINT	NIC	NOT IN CONTRACT	VEF	VERTICAL EACH FACE
EL	ELEVATION (HEIGHT)	No OR #	NUMBER	VERT	VERTICAL
ELEC	ELECTRICAL	NOM	NOMINAL	VIF	VERTICAL EACH FACE
ELEV	ELEVATOR	NS	NEAR SIDE	VOF	VERTICAL OUTSIDE FACE
ENCL	ENCLOSURE	NTS	NOT TO SCALE		
ENGR	ENGINEER			W	WEST, W SERIES SECTION
EOD	EDGE OF DECK	OA	OVERALL	W/	WITH
EQ	EQUAL	OC	ON CENTER	W/O	WITHOUT
EQJ	EARTHQUAKE JOINT	OD	OUTSIDE DIAMETER	WD	WOOD
EQUIP	EQUIPMENT	OF	OUTSIDE FACE	WH	WEEP HOLE
ES	EACH SIDE	OPNG	OPENING	WHS	WELDED HEADED STUD
EW	EACH WAY	OPP	OPPOSITE	WP	WATERPROOF, WORK POINT
EXIST, (E)	EXISTING	OVS	OVERSIZED	WPJ	WEAKENED PLANE JOINT
EXP	EXPANSION			WT	WEIGHT, STRUCTURAL TEE FROM W SERIES
EXT	EXTERIOR				SECTION
				WWF	WELDED WIRE FABRIC
				YD	YARD

GENERAL NOTES

THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

CODE:

INTERNATIONAL BUILDING CODE, 2012 EDITION.

DESIGN SOIL PRESSURE:

2500 PSF MAX DEAD + LIVE LOAD.

DESIGN LIVE LOADS:

ROOF SNOW Pg = 160 PSF, Pf = 111 PSF
RISK CATEGORY II, I = 1.10,
Ce = 0.9, Ct = 1.0

SNOW DRIFT ASCE 7-10, CHAPTER 7

WIND 146 MPH 3-SECOND GUST ULTIMATE DESIGN WIND SPEED
RISK CATEGORY III
EXPOSURE B
(Gcpi) = +/- 0.18

COMPONENTS AND CLADDING LOADS FOR DEFERRED SUBMITTALS (10 SF TRIBUTARY AREA)
WALLS AWAY FROM CORNERS 38.0 PSF
WALLS WITHIN 9'-0" OF CORNERS 58.8 PSF
ROOF 100 PSF

SEISMIC RISK CATEGORY III, I = 1.25
Ss = 1.500, S1 = 0.770
SOIL SITE CLASS D
Sds = 1.000, Sd1 = 0.770,
SEISMIC DESIGN CATEGORY D
BASIC SEISMIC FORCE RESISTING SYSTEM:
CONCRETE SHEARWALLS

REINFORCED CONCRETE:

GROUT:

GROUT - 5,000 PSI MINIMUM 7-DAY CUBE STRENGTH PER ASTM C1107. GROUT TO BE PREMIXED, NONMETALLIC, SHRINKAGE-RESISTANT GROUT PER ASTM C1107. USE SPECIFIC GROUT MIX RECOMMENDED BY MANUFACTURER FOR EACH GROUT APPLICATION AND FOLLOW MANUFACTURER'S INSTRUCTIONS.

DRILL-IN EXPANSION ANCHORS:

"KWIK BOLT T2" BY HILTI FASTENING SYSTEMS OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC RESISTANCE IN CRACKED CONCRETE REQUIRED. SPECIAL INSPECTION REQUIRED.

DRILL-IN ADHESIVE ANCHORS:

"HIT HY 200" ADHESIVE ANCHOR SYSTEM BY HILTI FASTENING SYSTEMS FOR CONCRETE OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC RESISTANCE IN CRACKED CONCRETE REQUIRED. SPECIAL INSPECTION REQUIRED.

CONCRETE SCREW ANCHORS:

"KWIK HUS EZ" ANCHOR SYSTEM BY HILTI FASTENING SYSTEMS FOR CONCRETE OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC LOAD RESISTANCE IN CRACKED CONCRETE REQUIRED. SPECIAL INSPECTION REQUIRED.

STRUCTURAL STEEL:

ALL STEEL ASTM A36, EXCEPT WIDE FLANGE SECTIONS TO BE ASTM A992, OR A572-50, TUBE SECTIONS TO BE ASTM A500 GRADE C, AND PIPE SECTIONS TO BE ASTM A53 TYPE E GRADE B. FABRICATION AND ERECTION PER AISC SPECIFICATIONS.

WELDING PER AWS D1.1. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET. WELDERS CERTIFIED PER AMERICAN WELDING SOCIETY FOR ROD AND POSITION. ELECTRODES SHALL BE E70XX MINIMUM, WITH MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT -20 DEG F.

HIGH-STRENGTH BOLTS PER ASTM A325. TYPICAL BOLTED CONNECTIONS –PRETENSIONED. TENSION HIGH-STRENGTH BOLTS BY DIRECT TENSION INDICATOR METHOD USING LOAD INDICATOR DEVICES INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

APPLY ONE COAT OF SHOP PAINT TO ALL STEEL EXCEPT FOR CONTACT SURFACES IN BOLTED PARTS, SURFACES EMBEDDED IN CONCRETE, AREAS TO BE FIELD WELDED OR SURFACES WITH SPRAY-ON FIREPROOFING.

STEEL DECKING:

STEEL DECKING DESIGNED, MANUFACTURED AND INSTALLED PER STEEL DECK INSTITUTE SPECIFICATIONS. ICC-ES CERTIFICATION REQUIRED. SUBMIT SHOP DRAWINGS. G60 GALVANIZED FINISH ON ALL DECKING.

ROOF DECKING:
3" DP X 20 GA TYPE N3 DECK, Imin = 0.889 IN4/FOOT, Smin = 0.452 IN3/FOOT.

FASTEN ROOF DECK UNITS TO STEEL AT TRANSVERSE AND END SUPPORTS WITH 7/8" VISUAL DIAMETER SPOT WELDS AT 8" ON CENTER. FASTEN UNITS TO STEEL AT SIDE SUPPORTS WITH 7/8" VISUAL DIAMETER SPOT WELDS AT 12" ON CENTER. FASTEN SIDE LAPS OF ADJACENT UNITS WITH BUTTON PUNCH AT 12" ON CENTER.

PROVIDE ADDITIONAL STEEL REINFORCEMENT AND CLOSURE PIECES AS REQUIRED FOR STRENGTH, CONTINUITY OF DECKING AND SUPPORT OF OTHER WORK.

STRUCTURAL SAWN LUMBER:

LUMBER VISUALLY GRADED AND STAMPED PER WWPA STANDARD GRADING RULES. MOISTURE CONTENT OF LUMBER 2" OR LESS IN THICKNESS - 19 PERCENT MAXIMUM.

STRUCTURAL LIGHT FRAMING – DOUG FIR/LARCH SPECIES, NO. 2 GRADE OR BETTER.

MINIMUM NAILING FOR CONNECTION OF VARIOUS COMPONENTS PER TABLE 2304.9.1 OF THE IBC. TREAT WOOD BEARING ON OR WITHIN 1" OF MASONRY OR CONCRETE WITH PRESERVATIVE. USE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING ON WOOD. ATTACH FOUNDATION PLATES AND SILLS TO CONCRETE AND MASONRY WITH GALVANIZED A307 BOLTS. USE COMMON NAILS ONLY. USE HOT-DIPPED GALVANIZED FASTENERS IN ALL PRESERVATIVE TREATED AND FIRE RETARDENT TREATED WOOD. USE GALVANIZED FRAMING HARDWARE MANUFACTURED BY SIMPSON COMPANY OR APPROVED EQUAL. ICC-ES CERTIFICATION REQUIRED.

MINIMUM NAIL SIZES – 8d COMMON – 0.131" DIA X 2 ½"
10d COMMON – 0.148" DIA X 3"
16d COMMON – 0.162" DIA X 3 ½"

STRUCTURAL INSULATED PANELS:

FACORY ASSEMBLED WALL, FLOOR AND ROOF PANELS CONSISTING OF ORIENTED STRAND BOARD OR PLYWOOD FACINGS WITH EXPANDED POLYSTYRENE CORES. PANEL FACINGS TO COMPLY WITH APA STANDARDS AND SHEATHING THICKNESS NOTED FOR PLYWOOD. THE BOND BETWEEN FACINGS AND CORE SHALL BE ACCOMPLISHED WITH A LAMINATING ADHESIVE UNDER PRESSURE. REINFORCE PANELS WITH SAWN LUMBER OR PREFABRICATED TIMBER JOISTS AS REQUIRED. PANELS SHALL BE SYSTEM 3 BUILDING PANELS BY PREMIER INDUSTRIES, INC.; AFM R-CONTROL PANELS BY AFM CORPORATION; ENERCEPT STRUCTURAL SANDWICH PANELS BY ENERCEPT INC., OR APPROVED EQUAL. ICC CERTIFICATION REQUIRED. PROVIDE SHOP DRAWINGS.

DEFERRED SUBMITTALS:

THE DESIGN OF THE FOLLOWING ELEMENTS SHALL BE DEFERRED SUBMITTALS AND SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO SUBMITAL TO THE LOCAL BUILDING DEPARTMENT:

CURTAIN WALL DESIGN

REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OTHER DEFERRED SUBMITTALS.

MISCELLANEOUS:

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED ON EITHER SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS, OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ARCHITECT PRIOR TO COMMENCING ANY WORK.

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

REFER TO ARCHITECTURAL DRAWINGS FOR WALL OPENINGS, ARCHITECTURAL TREATMENT AND DIMENSIONS NOT SHOWN.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCT OPENINGS, PIPING, CONDUITS, ETC, NOT SHOWN.

SHOP DRAWINGS SHALL BE SUBMITTED AND REVIEWED PRIOR TO FABRICATION.

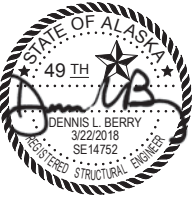
PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

REFER TO SPECIFICATIONS FOR INFORMATION NOT CONTAINED IN THESE GENERAL NOTES.



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Corporate Authentication No: C725

BETTISWORTH NORTH
ARCHITECTURE
PLANNING
LANDSCAPE
INTERIORS



CITY OF VALDEZ
HHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

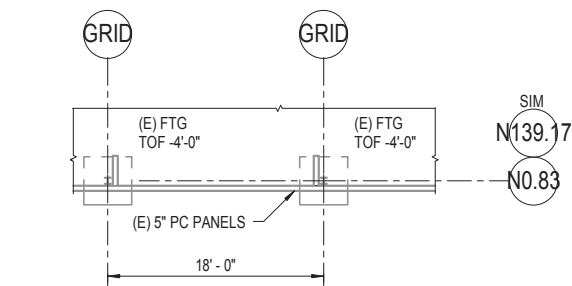
CONSULTANT:

PROJECT NO: 17-236
DATE: 03/26/2018
DRAWN BY: JWC
CHECKED BY: DLB

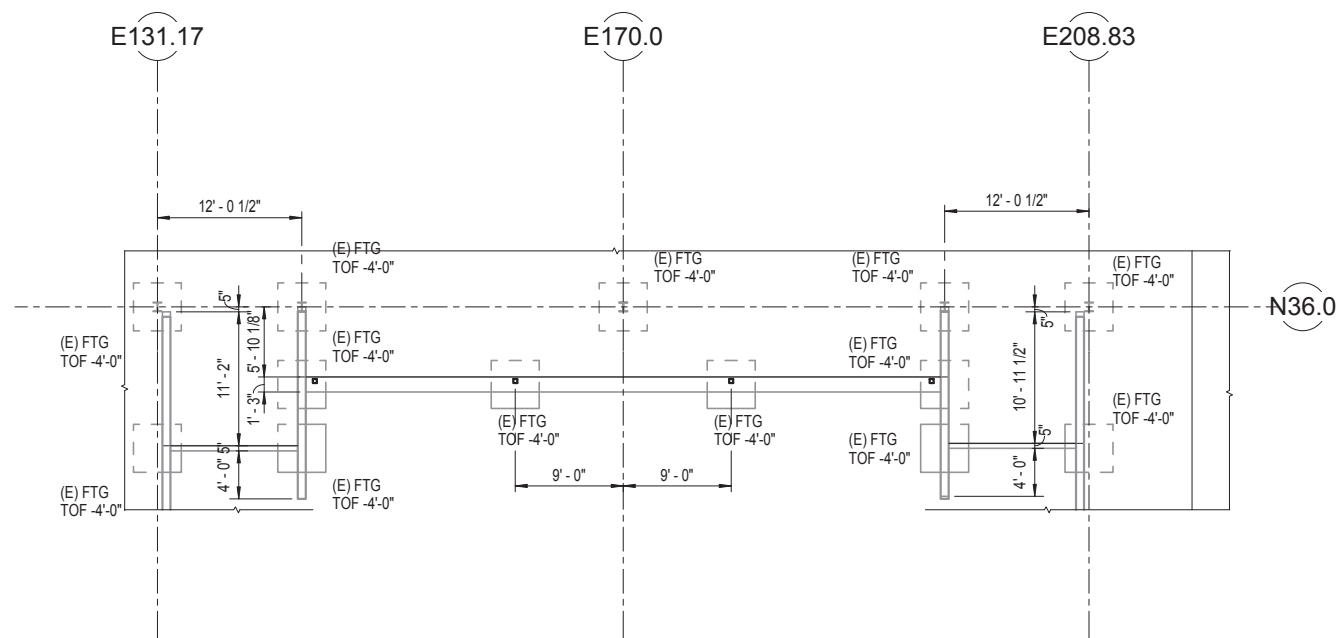
SYMBOL	DESCRIPTION	DATE

GENERAL NOTES

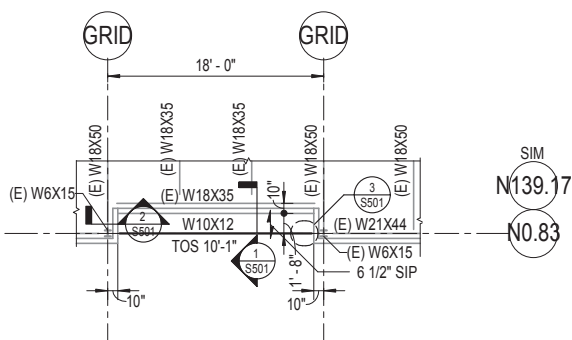
S001



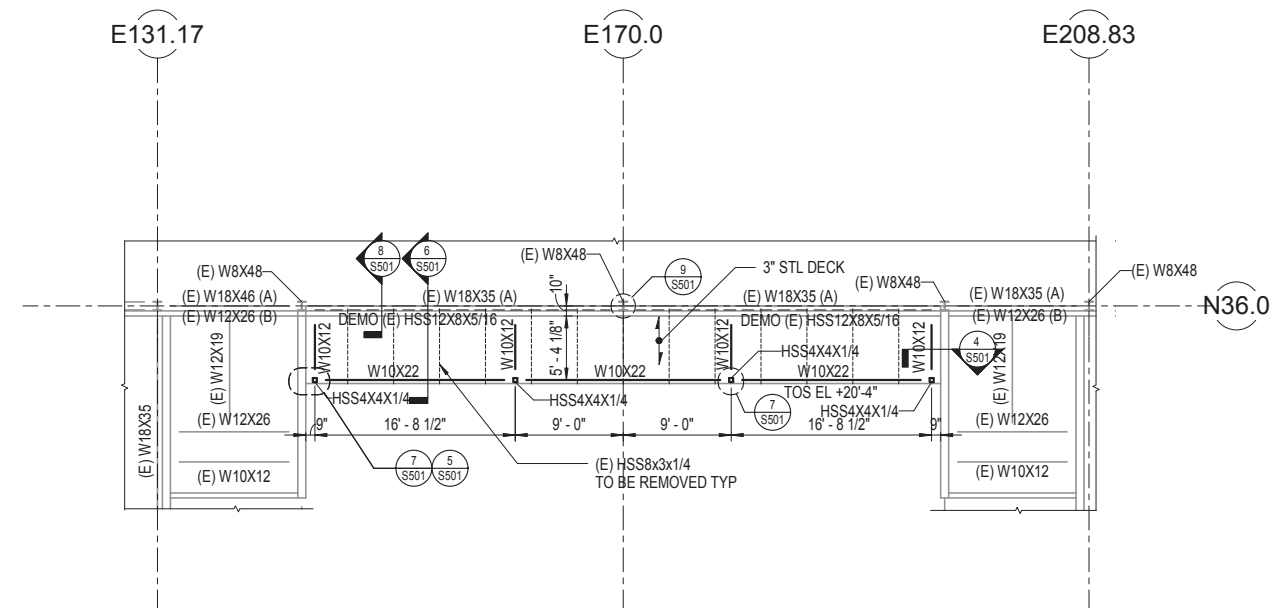
1 FOUNDATION PLAN
1/8" = 1'-0"



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



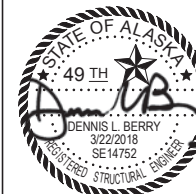
3 ROOF FRAMING



4 ROOF FRAMING
1/8" = 1'-0"



BETTISWORTH NORTH
ARCHITECTURE PLANNING LANDSCAPE INTERIORS



CITY OF VALDEZ
HHHES EXTERIOR UPGRADES

VALDEZ, ALASKA

CONSTRUCTION DOCUMENTS BID SET

CORPORATE NO. AECC219 WWW.
BETTSWORTHNORTH.COM

CONSULTANT:

PROJECT NO:	17-236
DATE:	03/26/2018
DRAWN BY:	CMS
CHECKED BY:	DLB

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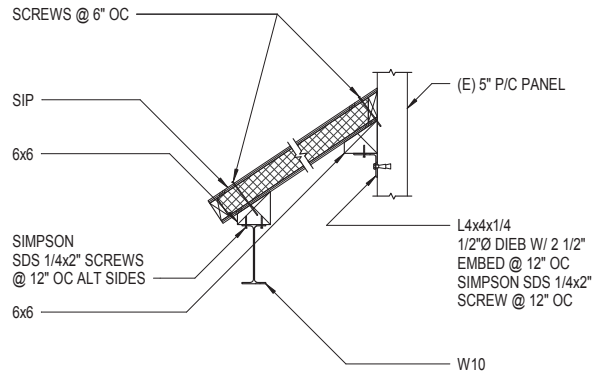
FOUNDATION AND ROOF PLANS

S101

IF THIS DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING HAS BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES

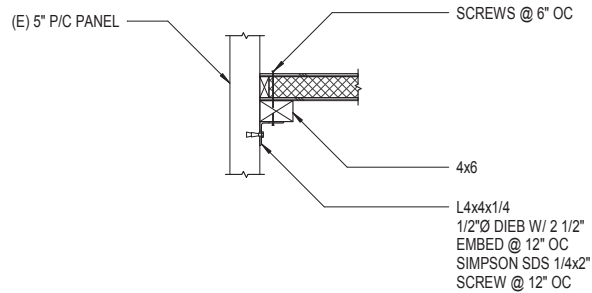
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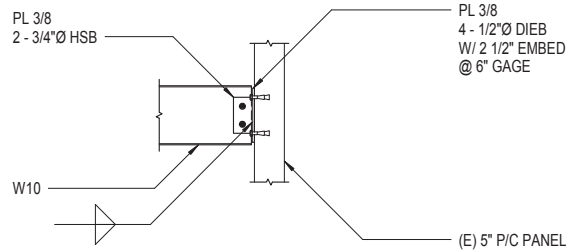


NOTE:
ALL SIP SCREWS 0.240" Ø THREAD 0.191" Ø SHANK 0.625" Ø HEAD.

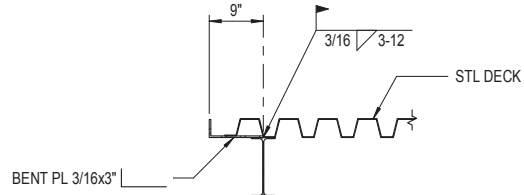
1 SIP CONN
3/4" = 1'-0"



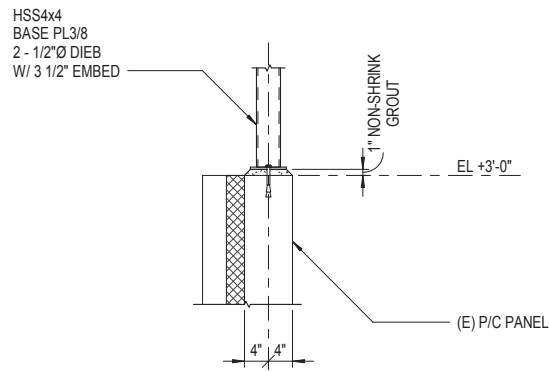
2 SIP CONN
3/4" = 1'-0"



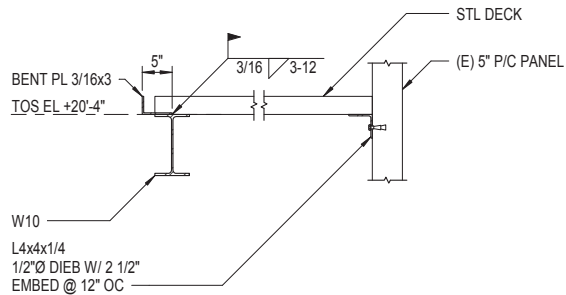
3 W10 CONN
3/4" = 1'-0"



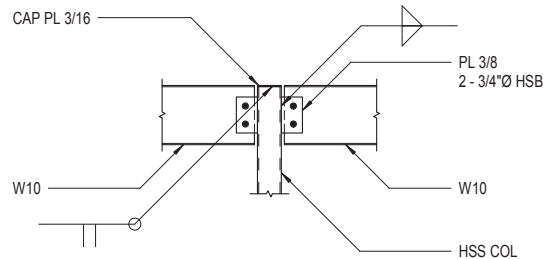
4 ROOF EDGE
3/4" = 1'-0"



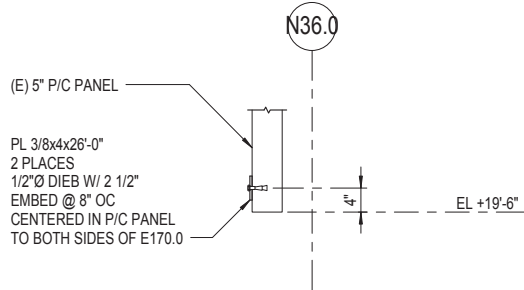
5 HSS BASE
3/4" = 1'-0"



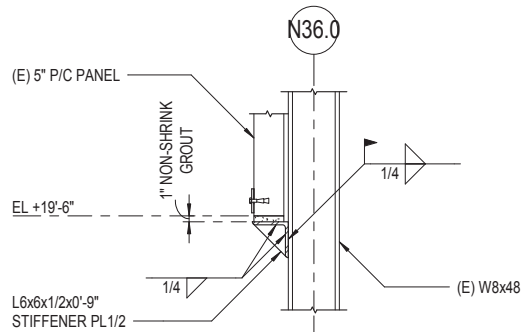
6 COMMONS CONN
3/4" = 1'-0"



7 W10 TO HSS CONN
3/4" = 1'-0"

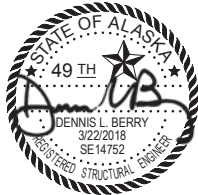


8 P/C PANEL REINF
3/4" = 1'-0"



9 P/C PANEL CONN
3/4" = 1'-0"

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ARCHITECTURE PLANNING LANDSCAPE INTERIORS

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SYMBOL	DESCRIPTION	DATE

DETAILS

S501

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