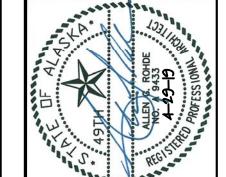
Exterior Staining & Upgrades

Site #1: 110 Clifton Drive & Site #2: 1112 West Klutina Street

Valdez, Alaska



JP

COVER SHEET

IF THIS SHEET IS LESS THAN: 22"X34" IT IS A REDUCED PRINT

- DO NOT SCALE DIMENSIONS FROM BLUEPRINTS -

DRAWING INDEX:

CIVIL NOT USED

LANDSCAPE

ARCHITECTURAL NOT USED

ROHDE & ASSOCIATES, INC.

G1.0 COVER SHEET A1.0 CONVENTION CENTER SCOPING PLAN A1.1 SCHOOL ADMIN. BLDG. SCOPING PLAN

A3.0 COVERED ADA RAMP SECTIONS, DETAILS

STRUCTURAL

OIEN ASSOCIATES, INC. **S0.1 STRUCTURAL NOTES** S1.1 FOUNDATION PLAN ROOF FRAMING PLAN

MECHANICAL **NOT USED**

ELECTRICAL NOT USED

PROJECT NARRATIVE:

Any design work by the GC and their subcontractors shall be submitted and approved by the owner's

PROJECT DATA:

CITY OF VALDEZ PROJECT #:

18-350-1717

SITE LOCATIONS MAP: NOT TO SCALE -SITE #1 SITE #2-

GENERAL NOTES:

- FOR MACHINES, PORTABLE TOOLS, ETC.. AS USED BY OTHER TRADES, REGARDLESS OF SIZE

- 10) ALL COLORS, FINISHES, AND EQUIPMENT SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL
- ANY AND ALL DISCREPANCIES BETWEEN DRAWING SHEETS, DISCIPLINES, DIMENSIONS, DETAILS, MATERIALS, AND COLORS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING AND/ OR CONSTRUCTION IMMEDIATELY UPON DISCOVERY FOR CLARIFICATION.
- 12) DO NOT SCALE DIMENSIONS FROM BLUEPRINTS, ANY AND ALL DISCREPANCIES OF DIMENSIONS BETWEEN DRAWING SHEETS, DISCIPLINES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION IMMEDIATELY UPON DISCOVERY FOR CLARIFICATION.
- 13) FIRE ALARM AND SPRINKLER DRAWINGS (IF REQUIRED) ARE NOT WITHIN THE SCOPE OF THESE DRAWINGS AND ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. SPRINKLER SYSTEM SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO SUBMITTING FOR PERMIT. DRAWINGS SHALL BE SUBMITTED BY A QUALIFIED FIRE PROTECTION CONTRACTOR.

SYMBOLS: CUT LINE EXISTING GRADE OR REFERENCE NORTH ASSEMBLY TYPE ELEVATION B EXTERIOR ELEVATION FINISHED GRADE OR STRUCTURAL OR DRAWING TITLE AND SCALE DOOR NUMBER REFERENCE GRIDS DETAIL REFERENCE REVISION SYMBOL AND BUBBLE WINDOW NUMBER INDICATING AFFECTED AREA

ABBREVIATIONS:

ADDR	KEVIATIONS:								
A.F.F.	ABOVE FINISHED FLOOR	EA	EACH	GYP	GYPSUM	NL	NO LITE	SPEC	SPECIFICATION
A.C.T.	ACOUSTICAL CEILING TILE	E.W.	EACH WAY	GWB	GYPSUM WALL BOARD	N.S.F.	NET SQUARE FOOTAGE	SQ.FT.	SQUARE FOOT
APPROX	(APPROXIMATELY	EL.	ELEVATION	H.B.	HOSE BIB	N.T.S.	NOT TO SCALE	SV	SHEET VINYL
ARCH	ARCHITECTURAL	EXIST	EXISTING	HL	HALF LITE	NO.	NUMBER	THRU	THROUGH
A.W.W.	ALL WEATHER WOOD	EXP	EXPANSION	IN	INCH	O.C.	ON CENTER	T.I.	TENANT IMPROVEMENT
B.F.F.	BELOW FINISHED FLOOR	E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM	IBC	INTERNATIONAL BUILDING CODE	OCC.	OCCUPANT(S)	T.O.B.	TOP OF BEARING
B.O.B.	BOTTOM OF BEAM	F.O.C.	FACE OF CONCRETE	IEBC	INTERNATIONAL EXISTING BUILDING CODE	OPP	OPPOSITE	T.O.W.	TOP OF WALL
B.O.F.	BOTTOM OF FOOTER	F.O.F.	FACE OF FINISH	IECC	INTERNATIONAL ENERGY CONSERVATION CODE	ORD	OVERFLOW ROOF DRAIN	TS	TUBE STEEL
B.O.S.	BOTTOM OF STRUCTURE	F.O.S.	FACE OF STUDS	IFC	INTERNATIONAL FIRE CODE	O/H	OVERHEAD	TYP	TYPICAL
B.O.W.	BOTTOM OF WALL	F.O.W.	FACE OF WALL	IRC	INTERNATIONAL RESIDENTIAL CODE	PLAM	PLASTIC LAMINATE	U.D.	UNIT DIMENSION
CL	CENTERLINE	F TO F	FACE TO FACE	LAV	LAVATORY	P.R.R.	PER RESTROOM	U.N.O.	UNLESS NOTED OTHERWISE
C TO C	CENTER TO CENTER	F.F.	FACTORY FINISH	LB	POUND	PSF	POUNDS PER SQUARE FOOT	VCT	VINYL COMPOSITE TILE
CMU	CONCRETE MASONRY UNIT	F.E.	FIRE EXTINGUISHER	MFG	MANUFACTURER(ED)	RD	ROOF DRAIN	W.W.F.	WELDED WIRE FABRIC
CPT	CARPET	FIN	FINISH(ED)	MASS	MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATION	REF	REFERENCE	W.W.M	. WELDED WIRE MESH
CONT	CONTINUOUS	F.F.E.	FINISHED FLOOR ELEVATION	MAX	MAXIMUM	REQD	REQUIRED	W/	WITH
DEMO	DEMOLITION	F.D.	FLOOR DRAIN	MIN	MINIMUM	RM	ROOM	W/O	WITHOUT
DIA	DIAMETER	FL	FULL LITE	MISC	MISCELLANEOUS	R.O.	ROUGH OPENING	WOC	WALK-OFF CARPET
Φ	DIAMETER	FT.	FOOT	M.O.A.	MUNICIPALITY OF ANCHORAGE	S.F.	SQUARE FOOT		
DIM	DIMENSION	F.V.	FIELD VERIFY	N.A.	NOT APPLICABLE	SIM	SIMILAR		
DN	DOWN	G.S.A.	GROSS SQUARE FOOTAGE	N.I.C.	NOT IN CONTRACT	SL	SIDE LITE		

BUILDING CODE ANALYSIS:

PROJECT INFORMATION: RENOVATION **MULTIPLE SITES** CONSTRUCTION TYPE: EXISTING/ UNCHANGED

OCCUPANCY CLASSIFICATION:

HEIGHT: EXISTING/ UNCHANGED SPRINKLED: EXISTING/ UNCHANGED FIRE ALARM: **EXISTING/ UNCHANGED** ACTUAL AREA: EXISTING/ UNCHANGED ALLOWABLE TABULAR AREA: EXISTING/ UNCHANGED EXISTING/ UNCHANGED ROOFING CLASSIFICATION (MIN); EXISTING/ UNCHANGED ROOFING CLASSIFICATION (PROVIDED): EXISTING/ UNCHANGED EXT. WALL PROTECTION:

EXISTING/ UNCHANGED OCCUPANT LOAD: EXISTING/ UNCHANGED NUMBER OF EXITS: EXISTING/ UNCHANGED

PROVIDE MINIMUM 1 FOOT-CANDLE ILLUMINATION AT FLOOR LEVEL PER EMERGENCY LIGHTING: IBC SECTION 1006.2

MINIMUM PER IBC TABLE 803.9 INTERIOR FINISHES:

EXITING: EVERY EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

PARKING: EXISTING/ UNCHANGED

FIRE FLOW: EXISTING/ UNCHANGED

REVIEWED





WEST SIDE OF SOUTH ELEVATION



WEST ELEVATION - MAIN ENTRANCE



- SCOPE OF WORK:

 1.) REMOVE AND DISPOSE OF 6'-0" WIDE EXTERIOR SOLID PANEL DOOR, REFRAME, INSTALL NEW 4'-0" WIDE EXTERIOR INSULATED SOLID PANEL EGRESS ONLY DOOR WITH ADA AUTOMATIC OPERATOR.
- 2.) REMOVE AND DISPOSE OF EXISTING CONCRETE LANDING AND STAIRS. INSTALL NEW ADA CONCRETE LANDING, ADA RAMP, AND RETAINING WALL. COVERED AND LIT, WITH GUARD AND HAND RAILS. 3.) REPLACE 6'-0" WIDE SOLID PANEL EXTERIOR EGRESS DOOR AND HARDWARE WITH NEW 6'-0" WIDE INSULATED SOLID PANEL EXTERIOR EGRESS DOOR AND HARDWARE.
- 4.) REPLACE (4) 6'-0" WIDE STORE FRONT DOORS AND HARDWARE WITH (4) NEW 6'-0" WIDE STORE FRONT DOORS AND HARDWARE, RE-USE ADA OPERATOR, INSTALL SECOND ADA OPERATOR. EXISTING ADJACENT SIDELITES AND TRANSOMS TO REMAIN.
- (CONCEAL AREAS OF ORGANICS TREATEMENT AND SIDING REPLACEMENT). 6.) ADDITIONAL POWER FOR NEW ADA AUTOMATIC DOOR OPERATOR TO BE DEFERRED TO ELECTRICAL ADMINISTRATOR FOR REQUIREMENTS AS NECCESSARY.

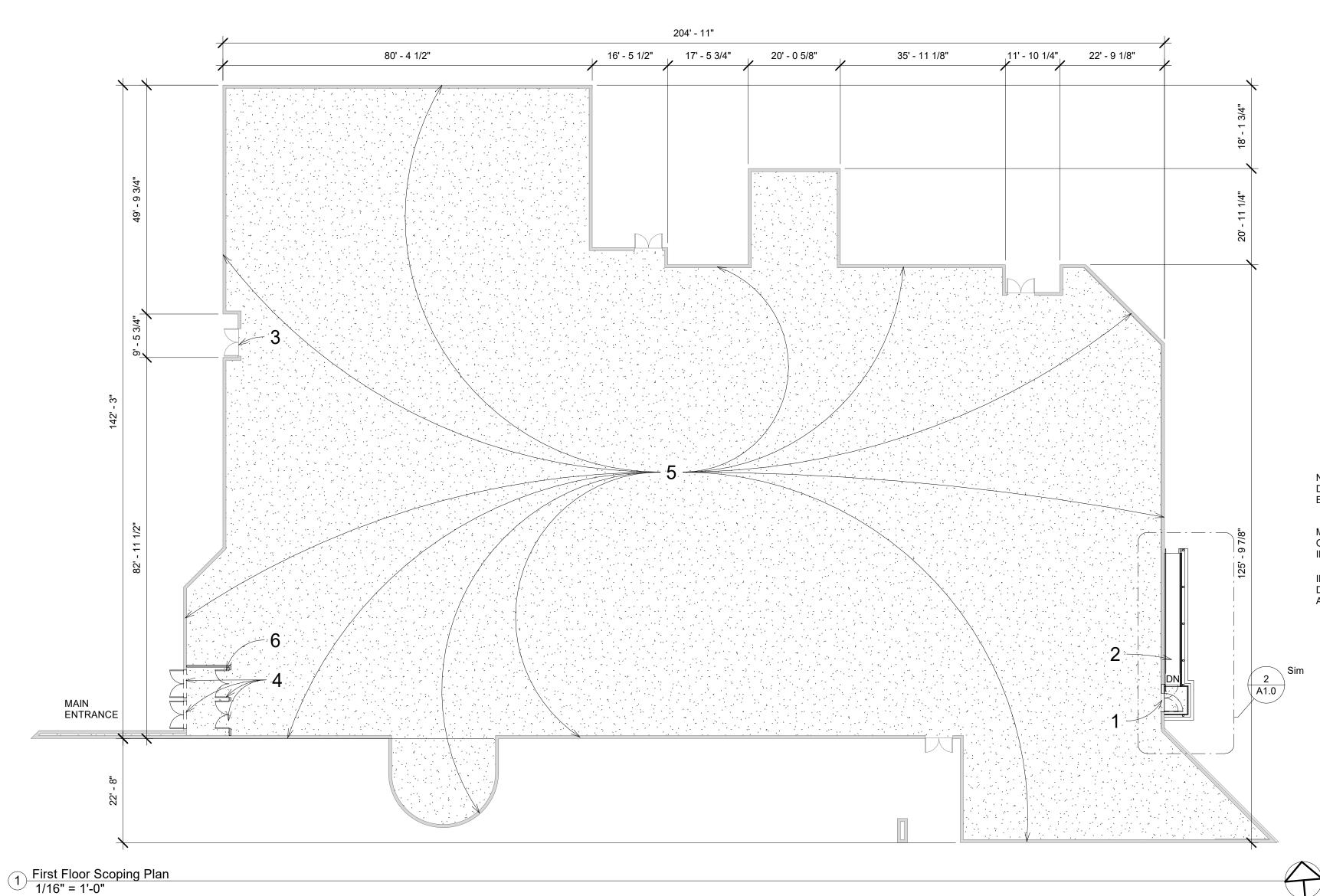
WEST ELEVATION - MAIN ENTRANCE

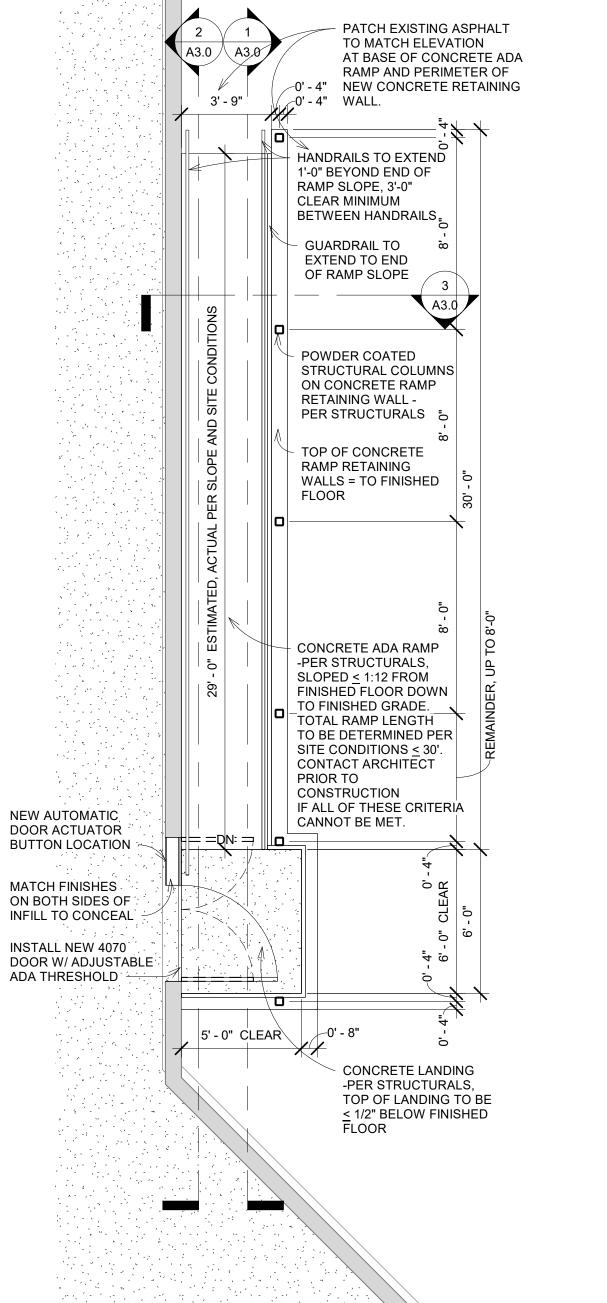
GENERAL NOTES:

1.) CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO PLACING ORDER FOR ALL MATERIALS, ANY MIS-ORDERED MATERIAL COST WILL BE ABSORBED BY THE CONTRACTOR.

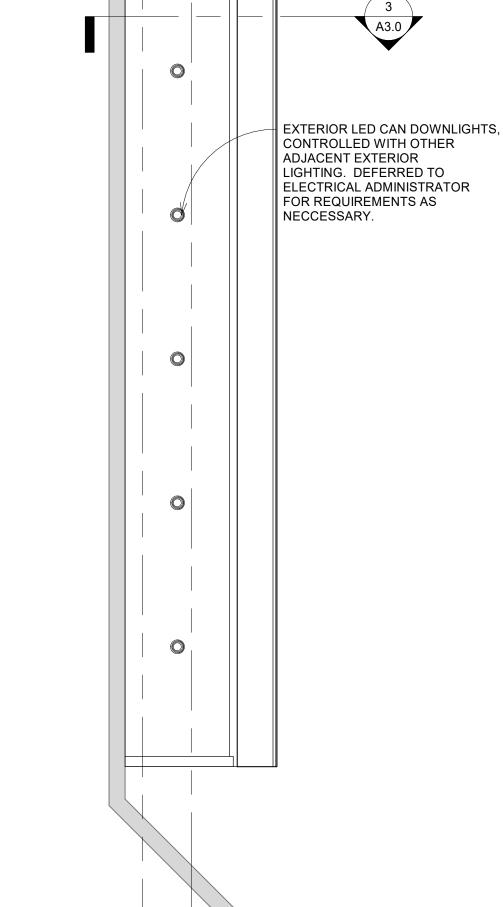
5.) INSPECT AND REPLACE DAMAGED CEDAR SIDING (AS SPECIFIED), TREAT ORGANIC GROWTH EMBEDDED CEDAR SIDING (AS REQUIRED), WEATHER TIGHT KNOTS, HOLES, AND CRACKS, RE-STAIN ENTIRE BUILDING EXPOSED EXTERIOR

2.) ALL FINISHES TO MATCH EXISTING AND ADJACENT (TYPICAL THROUGHOUT, UNLESS NOTED OTHERWISE).
3.) REFER TO EXISTING RECORD DRAWINGS FOR QUANTITY TAKE OFFS, OVERALL DIMENSIONS ON THIS PLAN SET AND PHOTOS PROVIDED FOR YOUR REFERENCE ONLY.





2 Enlarged ADA Ramp Plan 1/4" = 1'-0"



Reflected Ceiling @ ADA Ramp
1/4" = 1'-0"

JOB NO. DATE 4/29/2019 DRAWN REVIEWED AGR SHEET TITLE: CONVENTION CENTER SCOPING

-3 UPC

AD

(TERIOR

 ∞

 \vdash

#

PLAN

100% SUBMITTAL A1.0 - DO NOT SCALE DIMENSIONS FROM BLUEPRINTS -

IF THIS SHEET IS LESS THAN: 22"X34" IT IS A REDUCED PRINT



NORTHEAST VIEW



NORTHWEST VIEW



EAST SIDE OF SOUTH ELEVATION



WEST SIDE OF SOUTH ELEVATION

MAIN ENTRANCE

School Admin. Bldg. Scoping Plan 3/16" = 1'-0"

SCOPE OF WORK:
5.) INSPECT AND REPLACE DAMAGED CEDAR SIDING (AS SPECIFIED), TREAT ORGANIC GROWTH EMBEDDED CEDAR SIDING (AS REQUIRED), WEATHER TIGHT KNOTS, HOLES, AND CRACKS, RE-STAIN ENTIRE BUILDING EXPOSED EXTERIOR (CONCEAL AREAS OF ORGANICS TREATEMENT AND SIDING REPLACEMENT).

GENERAL NOTES:
1.) CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ACTUAL DIMENSIONS ON SITE PRIOR TO PLACING ORDER FOR ALL MATERIALS, ANY MIS-ORDERED MATERIAL COST WILL BE ABSORBED BY THE CONTRACTOR.
2.) ALL FINISHES TO MATCH EXISTING AND ADJACENT (TYPICAL THROUGHOUT, UNLESS NOTED OTHERWISE).
3.) REFER TO EXISTING RECORD DRAWINGS FOR QUANTITY TAKE OFFS, OVERALL DIMENSIONS ON THIS PLAN SET AND PHOTOS PROVIDED FOR YOUR REFERENCE ONLY.

100% SUBMITTAL

IF THIS SHEET IS LESS THAN: 22"X34" IT IS A REDUCED PRINT
- DO NOT SCALE DIMENSIONS FROM BLUEPRINTS - _

JOB NO. 4/29/2019 DRAWN REVIEWED

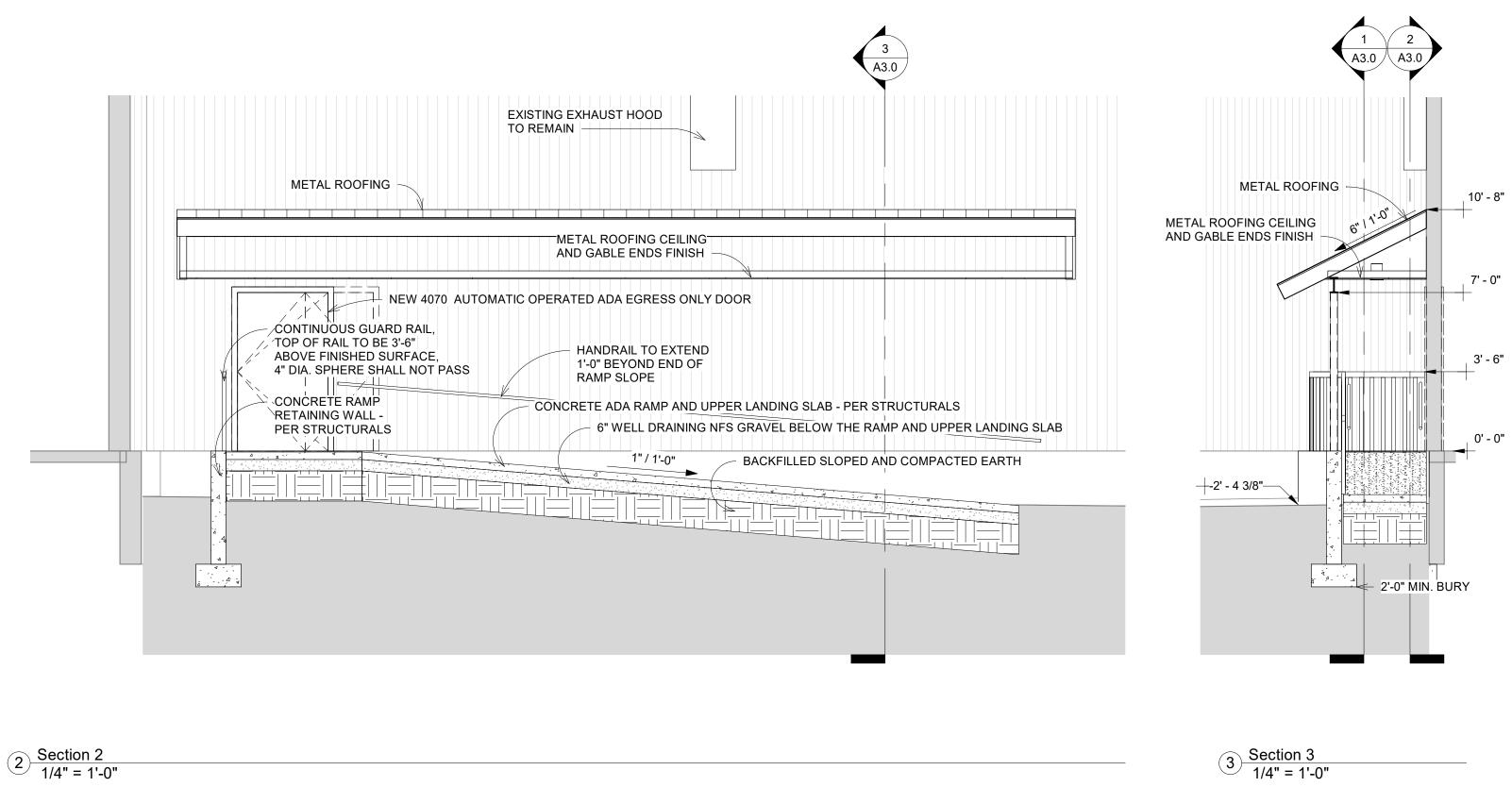
SHEET TITLE: SCHOOL ADMIN. BLDG. SCOPING PLAN

JOB NO. DATE DRAWN 4/29/2019 REVIEWED

SHEET TITLE:
COVERED ADA RAMP SECTIONS,
DETAILS

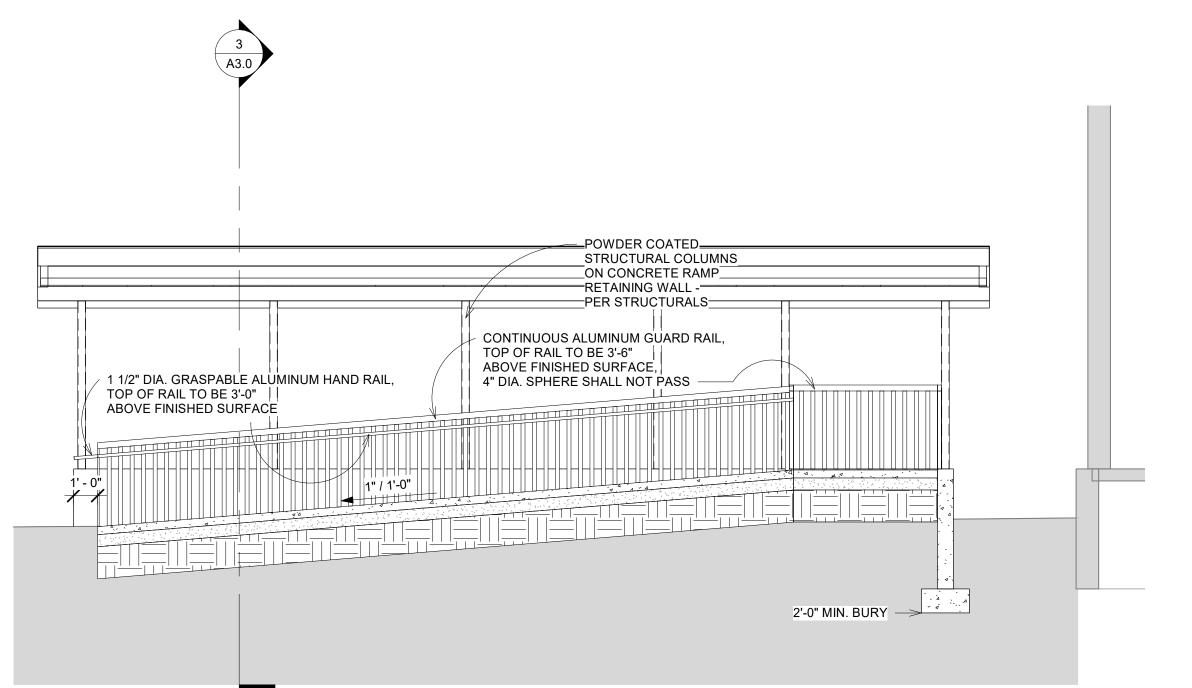
100% SUBMITTAL A3.0

IF THIS SHEET IS LESS THAN: 22"X34" IT IS A REDUCED PRINT
- DO NOT SCALE DIMENSIONS FROM BLUEPRINTS -



— EXISTING EXTERIOR WALL W/ CEDAR SIDING FINISH, EXTERIOR RE—STAINING COMPLETED

NEW ROOF STRUCTURE



1 Section 1 1/4" = 1'-0"





4 {3D}

5 Flashing Detail 1 1/2" = 1'-0"

STRUCTURAL NOTES

THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING ANY WORK OR FABRICATION. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, SITE CONDITIONS, SPECIFICATIONS AND THESE NOTES SHALL BE REPORTED TO THE ARCHITECT/ ENGINEER AT ONCE.

ALL CONSTRUCTION SHALL COMPLY WITH THE 2012 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE LOCAL BUILDING OFFICIAL.

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL OSHA AND DOSH SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE. PROVIDE TEMPORARY ERECTION BRACING AND SHORING. AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THE ENGINEER IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION OR SAFETY PRACTICES.

2012 INTERNATIONAL BUILDING CODE (IBC)

DESIGN LIVE LOADS

FLOOR LOADS - SEE DESIGN LOAD SCHEDULE SHEET SØ2

MINIMUM ROOF LIVE LOAD = 20 PSF

WIND DESIGN DATA

YELOCITY = 160 MPH HOUR 3 SECOND GUST GROUND SNOW LOAD = 50 PSF

ROOF SNOW LOAD = 40 PSF IMPORTANCE FACTOR, Iw = 1.0 SNOW EXPOSURE FACTOR, Ce = 0.90 EXPOSURE D

SNOW LOAD IMPORTANCE FACTOR = 1.0 INTERNAL PRESSURE COEFFICIENT, GCpi = ± 0.18 COMPONENTS AND CLADDING PRESSURES, PER ASCE 1-10 THERMAL FACTOR, Ct = 1.0

SEISMIC DESIGN DATA

5s = 1.50g, 5l = 0.5lg, 5DS = 1.009, 5Dl = 0.67SITE CLASS D

EQUIVALENT LATERAL FORCE PROCECURE

SEISMIC DESIGN CATEGORY D SEISMIC RESISTING SYSTEM = BEARING WALL, PLYWOOD SHEARWALLS, R = 6.5

SEISMIC BASE SHEAR = Vs = 1 KIP Cs = Ø.11

FOUNDATION DESIGN

FOUNDATION BASED ON AN ASSUMED SOIL BEARING PRESSURE OF 2,000 PSF, WITH THE EXISTING SOIL TO BE FREE OF ORGANICS, AND NON-FROST SUSCEPTIBLE MATERIAL THROUGHOUT... CONTRACTOR TO NOTIFY OWNER ONCE EXCAVATION HAS BEGUN TO YERIFY WITH A BOTTOM OF THE HOLE INSPECTION THAT THE ACTUAL SITE CONDITIONS COMPLY WITH THESE ASSUMPTIONS, ALL WORK TO BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S FINAL RECOMMENDATIONS AND REQUIREMENTS.

ALL ORGANIC, FROZEN OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUB-GRADE AND REPLACED WITH COMPACTED GRANULAR NON-FROST SUSCEPTIBLE (NFS) FILL. ALL FOOTINGS SHALL BE FOUNDED UPON UNDISTURBED, NATURAL SUB-GRADE OR COMPACTED NFS BACK FILL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF.

NON FROST SUSCEPTIBLE SOILS SHALL CONSIST OF INORGANIC SOILS CONTAINING LESS THAN 3 PERCENT BY WEIGHT OF PARTICLES SMALLER THAN .02MM.

ALL FOOTINGS AND SLAB SUB-GRADES SHALL BE COMPACTED TO 95 % MAXIMUM DENSITY AS MEASURED WITH ASTM DISST. BACK FILL AROUND AND ABOVE ALL FOUNDATION ELEMENTS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY

DISCHARGE ROOF RUNOFF AND WATER COLLECTED IN FOUNDATION DRAINS AWAY FROM THE FOUNDATION. PROVIDE SITE DRAINAGE AWAY FROM THE FOUNDATION. PROVIDE FOUNDATION WALL WATERPROOFING/DAMP PROOFING WHEN REQUIRED BY THE CODE AS SHOWN ON THE ARCHITECTURAL PLANS. PROVIDE A FOOTING DRAIN AND WATER REMOVAL SYSTEM FOR BASEMENT FOUNDATION WALLS.

NO CONSTRUCTION SHALL BEGIN UNTIL ALL SEASONAL FROST HAS THAWED OR BEEN REMOVED. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY STEPS TO PREVENT ANY FROST OR ICE FROM FORMING UNDER ANY FOOTING OR SLAB UNTIL THE PERMANENT STRUCTURE IS ENCLOSED AND HEATED.

ALL CONSTRUCTION SHALL BE PER THE AMERICAN CONCRETE INSTITUTE ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", AND IBC, LATEST EDITIONS. SUBMIT CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT PRIOR TO FABRICATION.

MATERIALS±

f'c FLOOR SLABS 3000 psi f'c OTHER SLUMP 3" MAX W/C RATIO - Ø.55 MAX

AIR ENTRAINMENT = 5% (WHERE WEATHER EXPOSED) PORTLAND CEMENT - ASTM C150 TYPE I,II

AGGREGATE, I" MAX - ASTM C94, SECTION 4.1.3 EPOXY GROUT - ASTM C881

DEFORMED REINFORCEMENT - ASTM A615 G60 WELDED WIRE FABRIC - ASTM A185 OR A491

NON-SHRINK NONMETALLIC GROUT - ASTM CIIØT

ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN AIR-ENTRAINING ADMIXTURE COMPLYING WITH ASTM C260. CHAMFER ALL EXPOSED CORNERS 🖟 UNLESS NOTED OTHERWISE. A CURING COMPOUND SHALL BE APPLIED (PER MANUFACTURER'S SPECIFICATIONS) TO ALL EXPOSED CONCRETE SURFACES UPON INITIAL SET OR PULLING OF FORMS.

COLD WEATHER CONCRETE SHALL CONFORM TO ACI 306 (ALL COLD WEATHER CONCRETE SHALL CONTAIN AIR ENTRAINMENT PER ACI TABLE 4.1.1). CALCIUM CHLORIDE SHALL NOT BE USED. MAINTAIN A MINIMUM OF 45 DEGREES F BEFORE, DURING, AND FOR I DAYS AFTER ALL CONCRETE PLACEMENT.

ALL CONCRETE REINFORCING SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 318 AND ACI 315. LAP BARS WITH A CLASS B SPLICE AND 40 DIAMETER MINIMUM. MECHANICALLY CONSOLIDATE CONCRETE.

ALL CONDUITS AND PIPES EMBEDDED IN CONCRETE SHALL CONFORM WITH ALL PROVISIONS SPECIFIED IN ACI 318, SECTION 6.3 AND THE FOLLOWING. ALL PIPES AND CONDUITS THRU FOOTINGS AND WALLS MUST BE ISOLATED WITH DIAMETER +4" SLEEVES SPACED NO CLOSER THAN 6" O.C. PIPE AND CONDUITS MAY BE PLACED IN S.O.G. GREATER THAN 4.5" - DIAMETER MUST NOT EXCEED 1.5". PLACE IN MIDDLE THIRD OF THICKNESS - DO NOT DISPLACE REINFORCEMENT. SPACE AT 6" O.C. MINIMUM. SLEEVES, MECHANICAL OPENINGS, CONDUITS, PIPES, RECESSES, DEPRESSIONS SHALL BE PROVIDED AS SHOWN ON THE MECHANICAL AND ARCHITECTURAL DRAWINGS AND AS REQUIRED BY THE EQUIPMENT MANUFACTURERS. INSTALLATION OF THESE ITEMS SHALL BE COORDINATED WITH SHOP DRAWINGS OF TRADES REQUIRING THESE ITEMS.

CONCRETE COVER:

FOOTINGS 3", WALLS I" EXCEPT $1-\frac{1}{2}$ " WHERE EXPOSED TO WEATHER, AND 2" AGAINST EARTH. SLABS AND JOISTS I", SLABS ON GRADE $1-\frac{1}{2}$ ". DOWELS SHALL BATCH SIZE AND NUMBER OF MAIN REINFORCING. MINIMUM VERTICAL SPACING OF BARS IN A ROW MAXIMUM I" OR BASE DIAMETER AND BARS MUST STACK. WELDING OF REINFORCEMENT IS NOT ALLOWED.

PROVIDE REINFORCING AS SHOWN ON THE DRAWINGS. PROVIDE CORNER BARS OF SAME SIZE AND NUMBER AT CORNERS AND INTERSECTIONS, 40 BAR DIAMETERS OR 24" (WHICHEVER IS GREATER) EACH LEG. PROVIDE VERTICAL DOWELS SAME SIZE, NUMBER AND SPACING AS VERTICAL BARS WITH A 90 DEGREE STANDARD HOOK AT THE BOTTOM OF THE FOOTING, UN.O.

SLAB ON GRADE:

FLOOR SLAB SHALL BE 4" THICK CONCRETE SLAB ON GRADE OR AS SHOWN ON THE DRAWINGS. REINFORCE SLAB WITH 6X6-WI.4X1.4 WELDED WIRE FABRIC, PLACED 1-1," FROM TOP OF SLAB. LAP WELDED WIRE FABRIC 6" AND EXCEPT AS SHOWN ON CONTROL JOINT DETAILS. WELDED WIRE FABRIC SHALL BE SUPPORTED ON APPROVED CHAIRS. CONTRACTOR SHALL TAKE SPECIAL CARE TO ASSURE THAT WELDED WIRE FABRIC USED IS SUPPORTED IN ITS PROPER LOCATION. PLACE MIN 6 MIL VAPOR BARRIER OVER PREPARED FILL IMMEDIATELY BENEATH THE SLAB. PROVIDE ONE OF THE FOLLOWING JOINTS ON THE CENTERLINES OF THE COLUMNS, EACH WAY, AND AT OTHER LOCATIONS AS SHOWN ON THE DRAWINGS, MAXIMUM SPACING OF 15': 1) CONSTRUCTION JOINTS WHERE DETAILED ON THE DRAWINGS, 2) SAW CUT CONTROL JOINTS ELSEWHERE (SHALL BE A MINIMUM OF 🖁 OF SLAB THICKNESS). A METAL CONSTRUCTION JOINT FORM MAY BE USED. REMOVE METAL FORMS BEFORE PLACING SECOND POUR.

REINFORCE WALLS AS SHOWN ON THE DRAWINGS.

AT OPENINGS OVER 12" SQUARE, PROVIDE 2 *5 BARS AT CENTER OF WALLS ALL FOUR SIDES, EXCEPT FOR 10" WALLS AND OVER, PROVIDE 1 *6 EACH FACE ALL FOUR SIDES, EXTENDING 40 DIAMETERS PAST OPENING. PROVIDE 1 *5 X 4' DIAGONAL BAR AT CENTER OF WALL AT ALL FOUR CORNERS.

AT CORNERS, PROVIDE CORNER BARS INTO OUTSIDE FACE OF SAME SIZE AND SPACING AS HORIZONTAL BARS, 40 DIAMETERS EACH LEG.

AT INTERSECTIONS, PROVIDE CORNER BARS IN OUTSIDE FACE OF SAME SIZE AND SPACING AS HORIZONTAL BARS OF INTERSECTING WALL, 40 DIAMETERS EACH LEG.

DRILLED IN CONCRETE ANCHOR (DICA)

EXPANSION ANCHORS SHALL BE USED AS SHOWN ON THE DRAWINGS, RAMSET TRU-BOLTS OR EQUAL. USE CORROSION RESISTANT FASTENERS. ICBO CERTIFICATION REQUIRED. UNLESS OTHERWISE NOTED, DICA MAY BE INSTALLED WITHOUT SPECIAL

DRILL IN ADHESIVE BOLTS:

ITW ACRYLIC TIE EPOXY ANCHOR SYSTEM FOR CONCRETE SHALL BE USED, OR APPROVED EQUAL. ICBO CERTIFICATION REQUIRED. LOW YELOCITY FASTENERS - HILTI ON POWDER ACTUATED FASTENER SYSTEM, Ø.145" DIAMETER MINIMUM. USE CORROSION RESISTANT FASTENERS. ICBO CERTIFICATION REQUIRED.

STRUCTURAL STEEL

ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC SPECIFICATIONS AND CODES, AND INTERNATIONAL BUILDING CODE, LATEST EDITIONS. SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION. THESE DRAWINGS SHALL BE CHECKED BY THE CONTRACTOR BEFORE SUBMITTAL AND SHALL SHOW SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS, AND ERECTION DIAGRAMS FOR ALL STRUCTURAL STEEL, STEEL JOISTS AND METAL DECK.

MATERIALS:

STRUCTURAL STEEL - W SHAPES ASTM A992 STRUCTURAL STEEL - CHANNELS, ANGLES, PLATES - ASTM A36

STRUCTURAL STEEL - TUBES (HSS) ASTM A500 GRADE B BEARING CONNECTIONS (UN.O.) - ASTM A325N OR A49@N

ANCHOR RODS - ASTM F1554

ALL WELDING SHALL CONFORM TO AWS DI.I, LATEST EDITION. ALL WELDING ELECTRODES TO BE WELL CONDITIONED ETØXX. ALL FLUXES SHALL BE LOW HYDROGEN TYPE. MINIMUM WELD IS &" FILLET. WELDERS TO BE CERTIFIED PER AMERICAN WELDING SOCIETY FOR ROD AND POSITION WITHIN THE LAST 12 MONTHS.

MOST CONNECTIONS SHALL BE SIMPLE, SINGLE PLATE SHEAR CONNECTIONS USING HIGH STRENGTH BOLTS OF WHICH THREADS MAY BE INCLUDED IN THE SHEAR PLAN, A325 - N, UNLESS OTHERWISE NOTED. THE SHEAR PLATE SHALL HAVE SHORT SLOTTED HOLES PARALLEL TO THE LONG AXIS OF THE BEAM. NUTS SHALL BE SNUG TIGHT UNLESS OTHERWISE NOTED. ALL CONNECTIONS RESISTING LATERAL LOADS SHALL BE FULLY TENSIONED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES. CONSIDERATION SHOULD BE GIVEN 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 THE PRIOR APPROVAL OF THE ENGINEER.

COLD FORMED STEEL FRAMING

ALL LIGHT GAUGE MEMBERS SHALL BE MANUFACTURED BY A SSMA MEMBER COMPANY OR APPROVED EQUAL. ALL STRUCTURAL MEMBERS SHALL BE DESIGNED PER THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION. STUDS SHALL BE DESIGNED FOR A L/360 DEFLECTION LIMIT.

COLD FORMED STEEL SHALL MEET ASTM A446 OR A653, GRADE D FOR 14 OR 16 GAUGE MEMBERS AND ASTM A446 OR A653 GRADE A FOR 18 GAUGE OR LIGHTER MEMBERS. ALL STUDS, TRACKS AND JOIST SHALL BE GALYANIZED AND HAVE A MINIMUM G-60 COATING.

USE 16 GAUGE MEMBERS (MINIMUM) FOR TOP AND BOTTOM PLATES.

FASTENERS SHALL BE A MINIMUM *8 SELF DRILLING SCREWS. PROVIDE 2 SCREWS EACH END OF EACH STUD TO TRACK, TYPICAL, FASTENERS FOR CONNECTING LIGHT GAUGE MEMBERS TO CONCRETE SHALL BE BY .145"X1.25" POWER ACTUATED FASTENERS, AND CONNECTING TO STEEL WITH .145" POWER ACTUATED FASTENERS OR WELDING.

PROVIDE ALL ACCESSORIES INCLUDING TRACK, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES, RESILIENT CLIPS AND OTHER ITEMS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION. INSTALL ALL ITEMS RECOMMENDED BY THE MANUFACTURER.

 ω

 ω

REVISION JOB NO. 93788

DRAWN REVIEWED SHEET TITLE:

STRUCTURAL NOTES

SHEET NO.

DATE

4/15/19

HDG - HOT DIP GALVANIZED MFR - MANUFACTURER

PAF - POWER ACTUATED FASTENERS PFA - POST FROM ABOVE PEMB - PRE-ENGINEERED METAL BUILDING

IBC - INTERNATIONAL BUILDING CODE

SIM. - SIMILAR TO SIP - STRUCTURAL INSULATED PANELS TYP. - TYPICAL UNO - UNLESS NOTED OTHERWISE

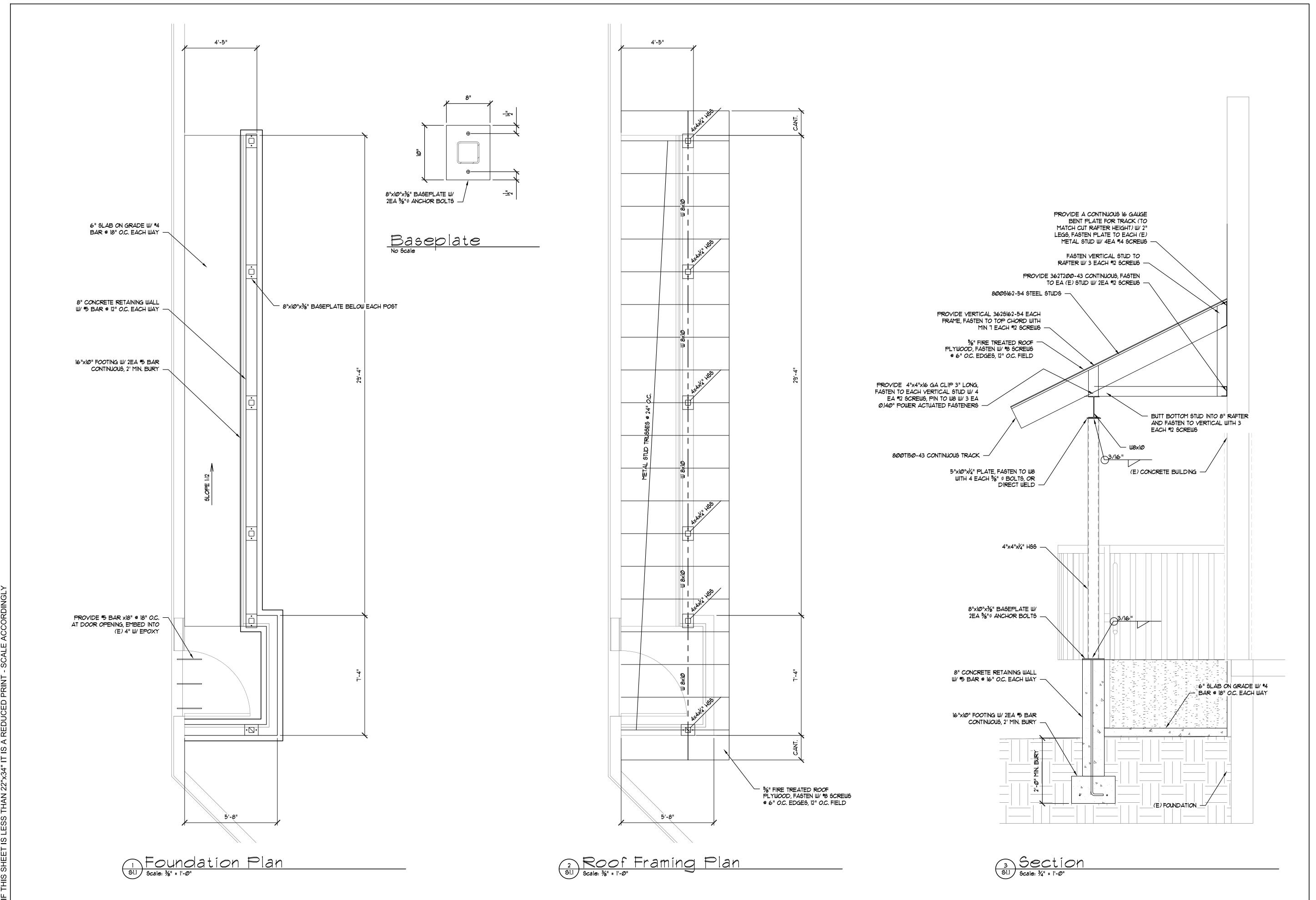
W.T.E. - WITH THE EXCEPTION W.W.M. - WELDED WIRE MESH

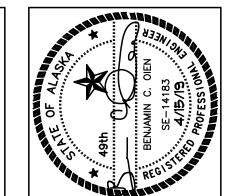
ABBREVIATIONS

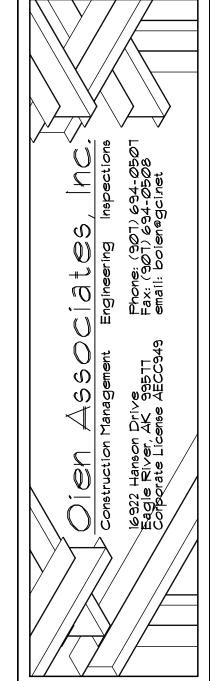
E.W. - EACH WAY

F.O.S. - FACE OF STUD

I.S. - INSIDE Ø.S. - OUTSIDE







Valdez, Alaska

NO.	REVISION	DATE
JOB 1	93788	

JOB NO. 93788
DATE 4/15/19
DRAWN RRJ
REVIEWED BCO

SHEET TITLE: FOUNDATION PLAN ROOF FRAMING PLAN

SHEET NO.

S1.1