

11-09 (R)

CITY OF CRAIG, ALASKA BUILDING PERMIT APPLICATION

Applicant Information		Owner Information (if not also applicant)	
Name	<i>THE Bay Company</i>	Name	<i>CHET Powell / Bijay Powell</i>
Mailing Address	<i>PO Box 1413</i>	Mailing Address	<i>same</i>
Street Address	<i>1250 Hilltop Dr</i>	Street Address	
City, State, Zip	<i>Craig, AK 99921</i>	City, State, Zip	
Telephone	<i>907 926-3341</i>	Telephone	

Property Description

Subdivision Name *LOT 1 A James Sub Div.*

Survey Number: _____ Tract Number: _____ Lot Number: _____ Block Number: _____

Army Corps of Engineers Permit Name and/or Number: _____

Building Activity Information (please check one)

<input type="checkbox"/> Single Family Home	<input type="checkbox"/> Duplex	<input type="checkbox"/> Triplex	<input type="checkbox"/> Fourplex or greater
<input type="checkbox"/> Deck	<input type="checkbox"/> Porch	<input type="checkbox"/> Retaining Wall	<input type="checkbox"/> Addition
<input checked="" type="checkbox"/> Commercial Building	<input type="checkbox"/> Wannigan	<input type="checkbox"/> Garage	<input type="checkbox"/> Shed
<input type="checkbox"/> Mobile Home (Year and Make)	<i>New Siding on Bay Co Building</i>		
<input type="checkbox"/> Travel Trailer (Year and Make)			
<input type="checkbox"/> Other (Please describe):			

Height of Building at Roof Eve: _____ Closest setback to property line: _____

Building Dimensions: _____ Area of building footprint: _____

What use(s) do you propose for the building? _____

Site Plan

Please complete on reverse side or attached sheet a site plan showing all proposed construction.

Owner's/Applicant's Statement

I acknowledge that I have read this application and state that the above information is correct. I agree to comply with all codes and ordinances of the City of Craig applicable to building and construction, and all land use regulations as pertaining to this permit. Any violation of land management regulations are the responsibility of the property owner. This permit becomes void upon completion of the approved work, or one year, whichever comes first. Work not documented in this application is not authorized by this building permit. I understand that this permit is revocable if work is not completed consistent with this applicant or if work does not comply with the requirements of the City of Craig Municipal Code. I agree to provide the City of Craig with an as-built survey of the lot in the event one is completed for this project.

Bijay Powell *5/18/09*
 Signature of Applicant Date

 Signature of Property Owner (if other than applicant) Date

Special Conditions of Approval.

The following conditions of approval are made a part of this permit as provided by section 18.06.001B.6 of the Craig Land Development Code:

#1. *No change in footprint w/o submission of site plan.*

#2. *Amended to include New WH Building. Renewed 6/23/10*

#3. *Amended to include showroom Expansion. 3/18/10*

#4. *Renewed 8/10/11*

#5. *Renewed 2/20/13*

Permission is hereby granted to perform the above work in compliance with any and all conditions listed above and in compliance with the Craig Land Development Code and all other ordinances of the City of Craig and the State of Alaska pertaining to the construction of buildings.

[Signature]
 Signature of City Building Official Date *5-18-09*



State of Alaska
Department of Public Safety
Division of Fire and Life Safety

Sean Parnell, Governor
Joseph A Masters, Commissioner

March 02, 2011

Chet and Barbara Powell
The Bay Company
PO Box 648
Craig, AK 99921

SUBJECT: The Bay Company Show Room - Addition
CITY: Craig
PLAN REVIEW: 2011June1015
TYPE OF CONSTRUCTION: VB
OCCUPANCY: B
2006 INTERNATIONAL BUILDING AND FIRE CODE

MAR - 7 2011

Dear Chet and Barbara Powell:

Plans for the Addition have been reviewed by this office for conformity with the State Fire Safety Regulations and are hereby approved. Enclosed is a certificate of approval that must be posted on the premises until the project has been completed according to the approved plans and all regulations have been adhered to. -

Approval of submitted plans is not approval of omissions or oversights by this office or noncompliance with any applicable regulations of the Municipal Government.

It must be understood that the inclusion of and compliance with State Fire Safety Regulations does not preclude the necessity of compliance with the requirements of local codes and ordinances.

If we can be of further assistance in this matter, please feel free to contact us at the address below.

Sincerely,

Robert Plumb
Deputy Fire Marshal
Life Safety Inspection Bureau

cc: Supervisor
Craig Building and Fire Official
Enclosure: Approval Certificate

ALPINE CONSULTING ENGINEERS

CIVIL | PLANNING & PERMITTING | SURVEYING

PO Box 363, Craig, AK 99921

Phone/Fax (907) 826-2255

e-mail: dustyescamilla@hotmail.com

City of Craig
Attn: Brain Temple
P.O. Box 725
Craig, AK 99921

January 18, 2011


RE: Amendment to Bay Company Building Permit

Dear Mr. Temple:

Attached for your review are the plan drawings for the Bay Company's proposed showroom expansion located at 1250 Hilltop Drive in Craig, AK. The scope of this project is the construction of a one story (20' x 40') expansion of the existing showroom facility. It is Mr. Powell's intent to amend their current building permit to allow the attached changes.

Should you have any questions, feel free to call this office or I may be reached on my cell at (360) 989-6128.

Sincerely,



Paul A. Escamilla, P.E.
Alpine Consulting Engineers

cc: Chet Powell / project files
enclosures: Plan Drawings (7 Sheets)

CODE ANALYSIS:

CODE: INTERNATIONAL BUILDING CODE 2006

A. USE AND OCCUPANCY CLASSIFICATION (CHAPTER 3):

PROPOSED BUSINESS: GROUP B - MOTOR VEHICLE SHOWROOM

B. TYPE OF CONSTRUCTION (CHAPTER 6):

PROPOSED V-B TYPE V-B DESCRIPTION: STRUCTURAL ELEMENTS, EXTERIOR WALLS AND INTERIOR WALLS MAY BE OF ANY MATERIAL PERMITTED BY CODE. (SECTION 602.5 & TABLE 601).

FIRE RESISTIVE RATING FOR BUILDING ELEMENTS (TABLE 601):

STRUCTURAL FRAME: 0
BEARING WALLS: 0
EXTERIOR: 0
INTERIOR: 0
FLOOR CONSTRUCTION: 0
ROOF CONSTRUCTION: 0

USE IBC SECTION 508.3.2 - NONSEPARATED USES/SINGLE USE

C. ALLOWABLE HEIGHT (TABLE 503):

PROPOSED: 1 STORIES / 14'-0"±
ALLOWED (B): 2 STORIES / 40'

D. ALLOWABLE FLOOR AREA (TABLE 503):

PROPOSED: 800 SF LOWER FLOOR
800 SF TOTAL
ALLOWED (BASIC)(B): 9,000 SF PER FLOOR

E. OCCUPANT LOAD CALCULATIONS: (TABLE 1004.1.1)

OCCUPANCY	AREA	FACTOR	OCCUPANT LOAD
BUSINESS AREA	800 SF	100 GROSS	8

F. FIRE RESISTIVE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION: (TABLE 602):

DISTANCE FROM EXTERIOR WALL TO PROPERTY LINE	REQUIRED RATING (GROUPS /S-2)
LESS THAN 5'	1 HR
GREATER THAN OR EQUAL TO 5', LESS THAN 10'	1 HR
GREATER THAN OR EQUAL TO 10', LESS THAN 30'	0
GREATER THAN 30'	0

G. OTHER:

IBC 1016 - EXIT ACCESS TRAVEL DISTANCE = 40' (200' MAXIMUM PERMITTED - WITHOUT SPRINKLER SYSTEM)

BUILDING LOADING CRITERIA

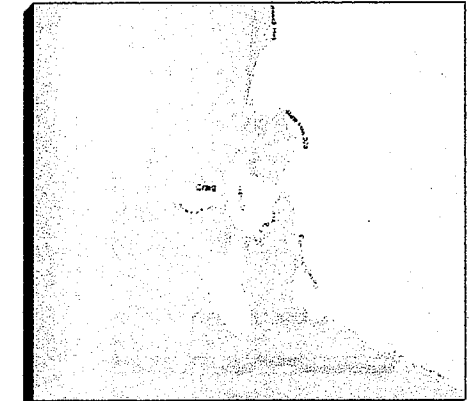
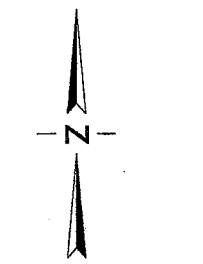
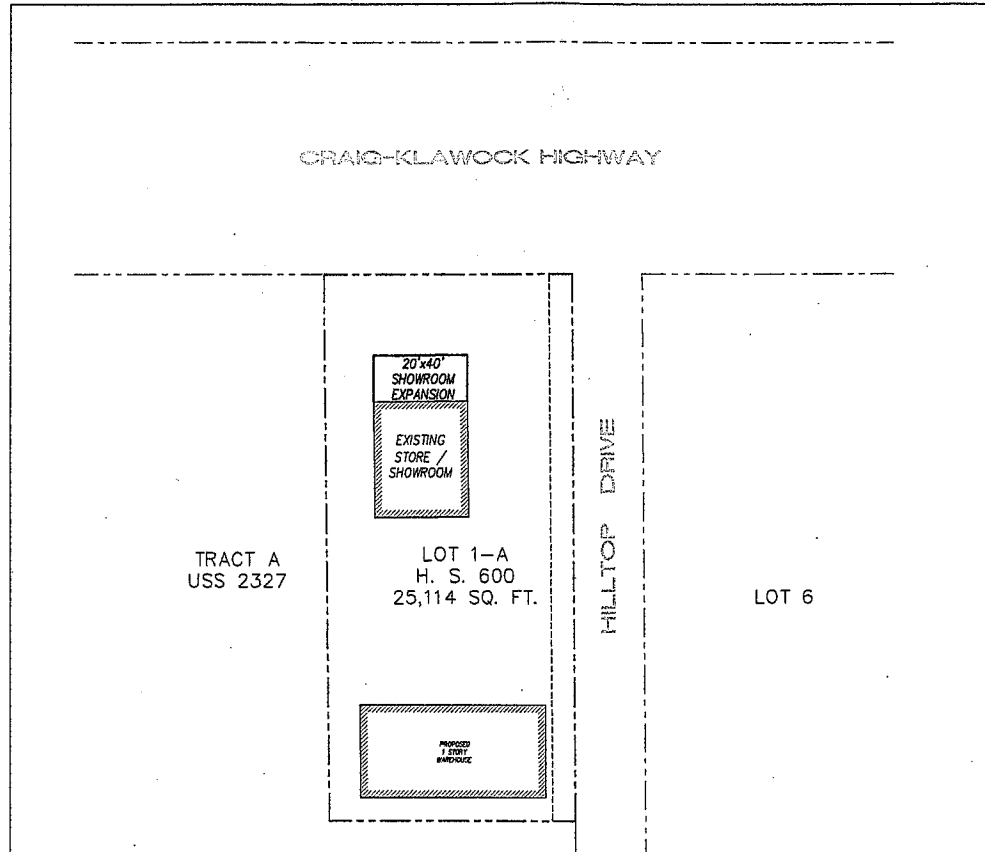
SNOW LOAD 40 PSF
WIND LOAD 125 MPH EXPOSURE B, 3 SECOND GUST
SEISMIC S_s=25, S_i=15, CATEGORY D
CONCRETE FLOOR LOAD HS20-44

ABBREVIATIONS

AC	ASPHALT CONCRETE	PC	POINT OF CURVATURE
ACP	ASBESTOS CEMENT PIPE	PCC	POINT OF COMPOUND CURVATURE
AB	AGGREGATE BASE	PI	POINT OF INTERSECTION
BCR	BEGIN CURB RETURN	PL	PROPERTY LINE
BM	BENCH MARK	PRC	POINT OF REVERSE CURVATURE
BVC	BEGIN VERTICAL CURVE	PT	POINT OF TANGENCY
CIP	CAST IRON PIPE	PVC	POLY-VINYL CHLORIDE
CJ	CONTROL JOINT	R	RADIUS
CL	CLASS	RCP	REINFORCED CONCRETE PIPE
CL	CENTERLINE	R/W	RIGHT-OF-WAY
CMP	CORRUGATED METAL PIPE	S	SEWER
CMU	CONCRETE MASONARY UNIT	SD	SEWER DRAIN
CO	CLEANOUT	SL	SEWER LATERAL
CTV	CABLE TELEVISION	STA	STATION
DI	DRAIN INLET	STD. DTL.	STANDARD DETAIL
DIP	DUCTILE IRON PIPE	T	TELEPHONE
E	ELECTRICAL	TB	THRUST BLOCK
ECR	END CURB RETURN	TC	TOP OF CURB
EJ	EXPANSION JOINT	TCN	TOP OF CONCRETE
EL	ELEVATION	TD	TOP OF DIKE
EVC	END VERTICAL CURVE	TF	TOP OF FOOTING
EX	EXISTING	TG	TOP OF GRATE
FF	FINISH FLOOR	TI	TRAFFIC INDEX
FG	FINISH GRADE	TL	TRAFFIC LIGHT
FH	FIRE HYDRANT	TP	TOP OF PAVEMENT
FL	FLOWLINE	TYP.	TYPICAL
FLG	FLANGE	TW	TOP OF WALL
G	GAS	VCP	VITRIFIED CLAY PIPE
GM	GAS METER	VPI	VERTICAL POINT OF INTERSECTION
GB	GRADE BREAK	W	WATER
GSP	GALVANIZED STEEL PIPE	WM	WATER METER
HP	HIGH POINT	WV	WATER VALVE
L	CURVE LENGTH	Δ	DELTA (CURVE CENTRAL ANGLE)
LF	LINEAL FEET	±	APPROXIMATELY
MH	MANHOLE	%	PERCENT
MJ	MECHANICAL JOINT	<	LESS THAN
N.I.C.	NOT INCLUDED IN CONTRACT	>	GREATER THAN
OCEW	ON CENTER EACH WAY		

THE BAY COMPANY SHOWROOM EXPANSION

CRAIG, ALASKA



VICINITY MAP
N.T.S.

APPLICANT/OWNER:
THE BAY COMPANY
1250 HILLTOP DRIVE
CRAIG, AK 99921
PHONE (907)826-3341 / FAX (907)826-2592
CONTACT: CHET POWELL

CIVIL ENGINEER:
ALPINE CONSULTING ENGINEERS
PO BOX 363
CRAIG, AK 99921
PHONE (907)826-2255 / FAX (907)826-2255
CONTACT: DUSTY ESCAMILLA

STRUCTURAL ENGINEER:
SFA DESIGN GROUP, LLC
9020 WASHINGTON SQ DR, SUITE 350
PORTLAND, OR 97223
PHONE (503)641-8311 / FAX (503)643-7905
CONTACT: JEFF FITCH

ELECTRICAL ENGINEER:
BIDDER DESIGN

MECHANICAL ENGINEER:
BIDDER DESIGN

GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE - 2006 (IBC), INTERNATIONAL FIRE CODE - 2006 (IFC), INTERNATIONAL MECHANICAL CODE - 2006 (IMC), UNIFORM PLUMBING CODE (UPC), AND NATIONAL ELECTRICAL CODE - 2005 (NEC), AS AMENDED BY THE CITY OF CRAIG AND THE STATE OF ALASKA.
- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND BUILDING DIMENSIONS AND LOCATE UNDERGROUND UTILITIES OR MISCELLANEOUS LINES (INCLUDING FUEL OIL LINES) PRIOR TO PROCEEDING WITH THE WORK. ANY VARIATION FROM THE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DIMENSIONS ARE TO THE CENTERLINE OF COLUMNS, TO THE FACE OF FRAMING ON NEW WALL CONSTRUCTION, OR TO THE FINISHED SURFACE ON EXISTING WALLS, UNLESS OTHERWISE NOTED.
- PAINT ALL EXPOSED METAL, UNLESS PROVIDED WITH FACTORY APPLIED COATING SUITABLE FOR EXPOSED FINISH.

SCOPE OF PROJECT:
EXPANSION OF EXISTING SHOWROOM FACILITIES THROUGH THE CONSTRUCTION OF A 1 STORY WOOD BUILDING SYSTEM (20x40), ASSOCIATED REINFORCED CONCRETE FOUNDATION AND FLOOR SLAB.

SHEET INDEX

C1	TITLE SHEET
C2	SITE PLAN
C3	SHOWROOM EXPANSION PLAN
S21	FOUNDATION AND ROOF FRAMING PLANS
S31	BUILDING SECTIONS
S41	FOUNDATION DETAILS
S51	FRAMING DETAILS

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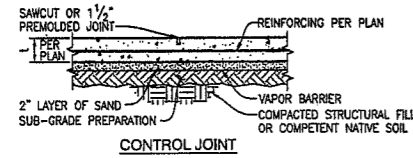
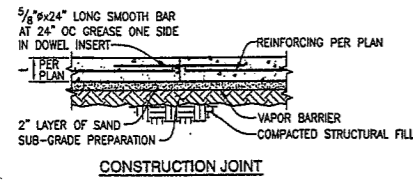
COVER SHEET
THE BAY COMPANY SHOWROOM EXPANSION
CRAIG, AK



NO.	DATE	REVISION	BY

DESIGNED BY: _____ DATE: _____
DRAWN BY: _____ DATE: _____
REVIEWED BY: _____ DATE: _____
PROJECT NO: _____ REF: _____
SCALE: _____
267/cw_dwg

SHEET 1 OF 3
PROJECT: BAY COMPANY
NO. 267-001
TYPE PERMIT



- NOTE:**
1. CONSTRUCTION OR CONTROL JOINT LOCATIONS PER FOUNDATION PLAN.
 2. USE "SOFTCUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.
 3. PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS OF 225^{sq} FT MAX.

TYPICAL SLAB ON GRADE & JOINT DETAILS

SCALE: 3/4"=1'-0"

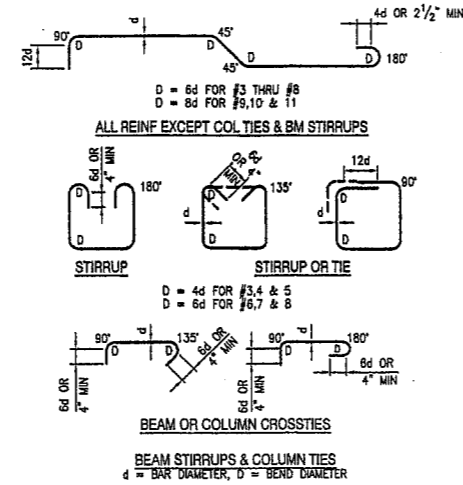
1

STANDARD HOOKS & BENDS

REF TO CURRENT ACI FOR REVISIONS TO STANDARD HOOKS & BENDS

SCALE: NONE

2

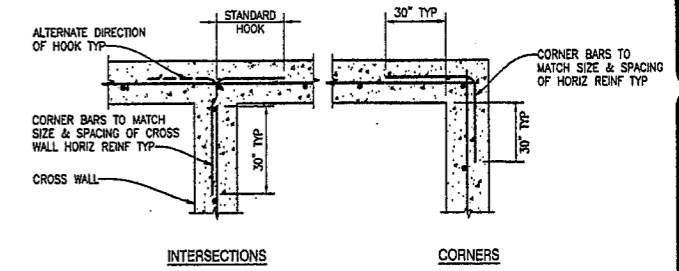
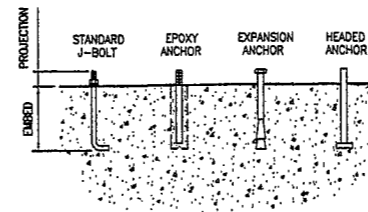


- NOTES:**
1. CONTRACTOR SHALL DETERMINE REQ'D THREADED PROJECTION SUITABLE FOR MATERIAL BEING FASTENED AND REQ'D TOLERANCES, UNO.
 2. CONTRACTOR MAY SELECT ALTERNATE ANCHOR BOLT TO THAT SHOWN ON PLANS WITH PRIOR APPROVAL FROM ENGINEER OF RECORD.

TYPICAL ANCHOR BOLT TYPES

SCALE: NTS

3

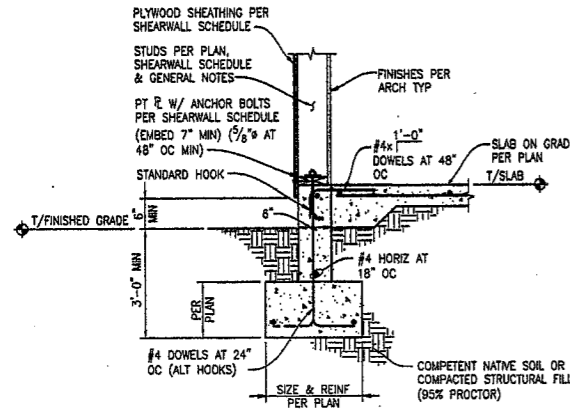


- NOTES:**
1. REF ELEVATIONS, SECTIONS, DETAILS, & GENERAL NOTES FOR WALL REINFORCING.
 2. AT FOOTING & STEM WALLS, CORNER BARS TO MATCH FOOTING & STEM WALL HORIZONTAL BARS.

TYPICAL CORNER BARS AT CONCRETE WALLS

SCALE: NTS

4



TYPICAL EXTERIOR WALL FOOTING

SCALE: 3/4"=1'-0"

5



SFA Design Group, LLC
 STRUCTURAL | CIVIL | LAND USE PLANNING
 9020 SW Washington Square Dr., Suite 350
 Portland, Oregon 97223
 p: (503) 641-8311 f: (503) 643-7905
 www.sfadesigngroup.com



THE BAY COMPANY
 1251 CRAIG-KLAUOCK HWY
 CRAIG, AK 99201

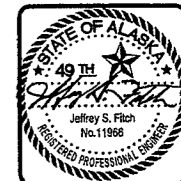
FOUNDATION
 DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NO:
 11-004
 BY:
 JSF
 DATE:
 2-17-11

SHEET NO:
S4.1
 3 OF 4



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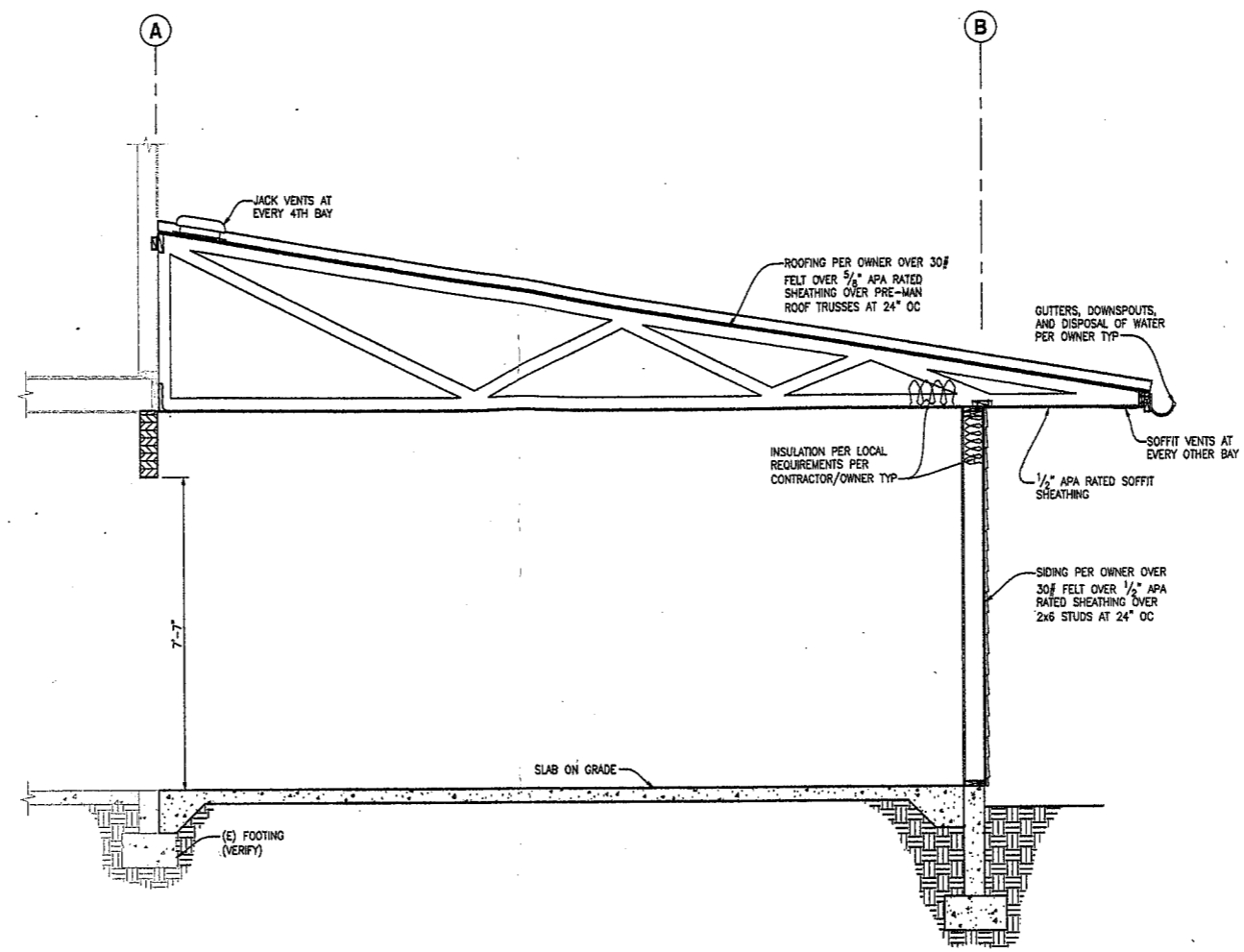
BUILDING SECTIONS

REVISIONS

NO.	DATE	DESCRIPTION

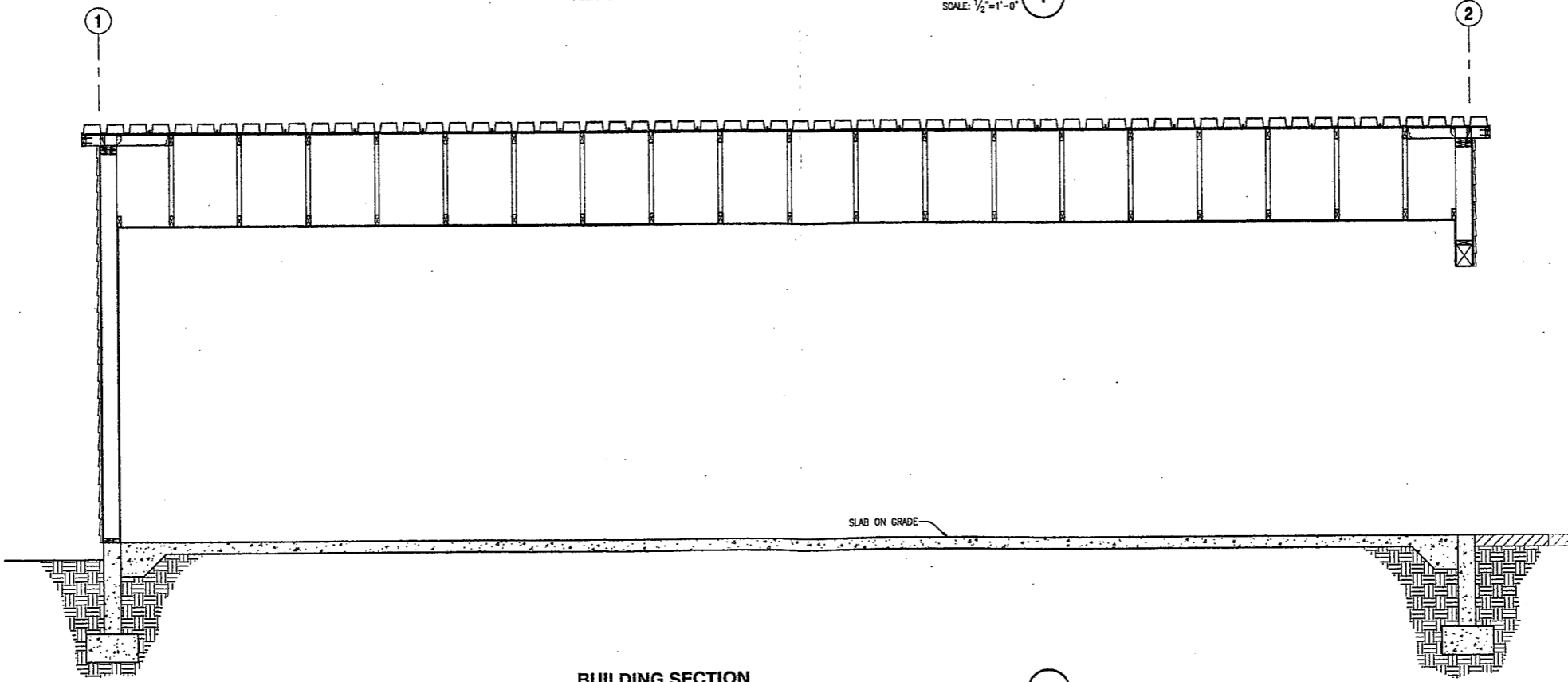
PROJECT NO:
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JSF
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SHEET NO:
S3.1
2 OF 4



BUILDING SECTION

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



BUILDING SECTION

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

CODE ANALYSIS:

CODE: INTERNATIONAL BUILDING CODE 2006

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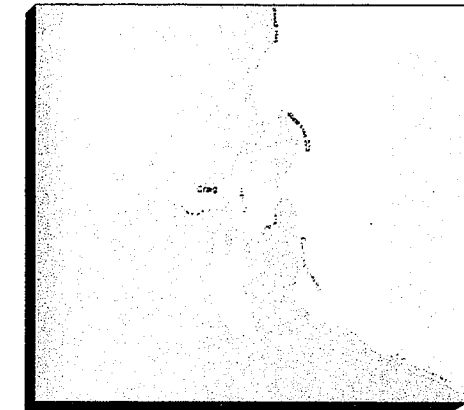
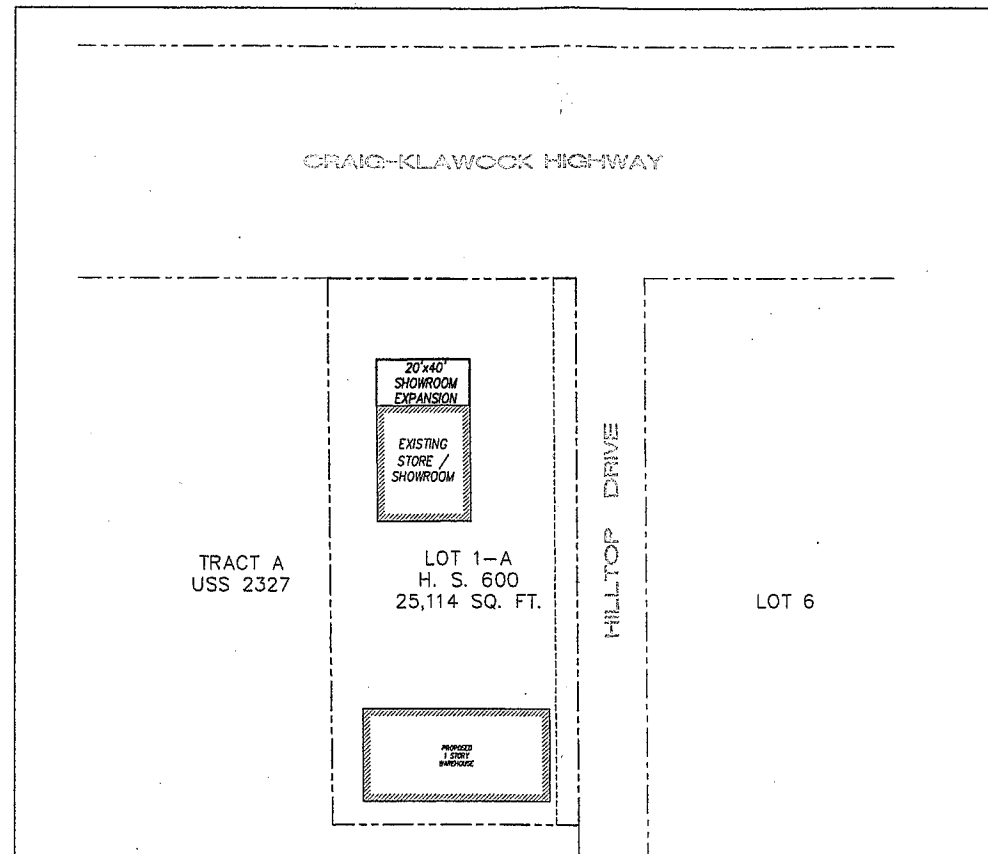
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BUILDING LOADING CRITERIA

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 WIND LOAD 125 MPH EXPOSURE B, 3 SECOND GUST
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 CONCRETE FLOOR LOAD HS20-44

THE BAY COMPANY SHOWROOM EXPANSION

CRAIG, ALASKA



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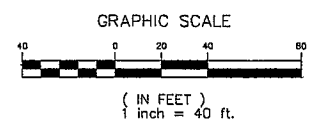
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L CURVE LENGTH	Δ DELTA (CURVE CENTRAL ANGLE)
LF LINEAL FEET	≈ APPROXIMATELY
MH MANHOLE	≠ NOT EQUAL
MJ MECHANICAL JOINT	< LESS THAN
N.I.C. NOT INCLUDED IN CONTRACT	> GREATER THAN
OCGW ON CENTER EACH WAY	

GENERAL NOTES:

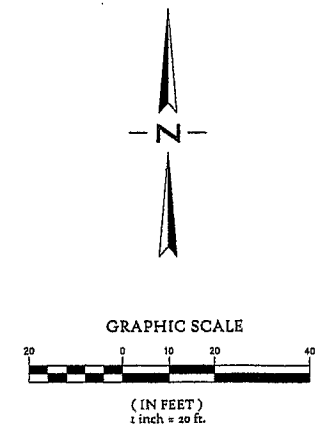
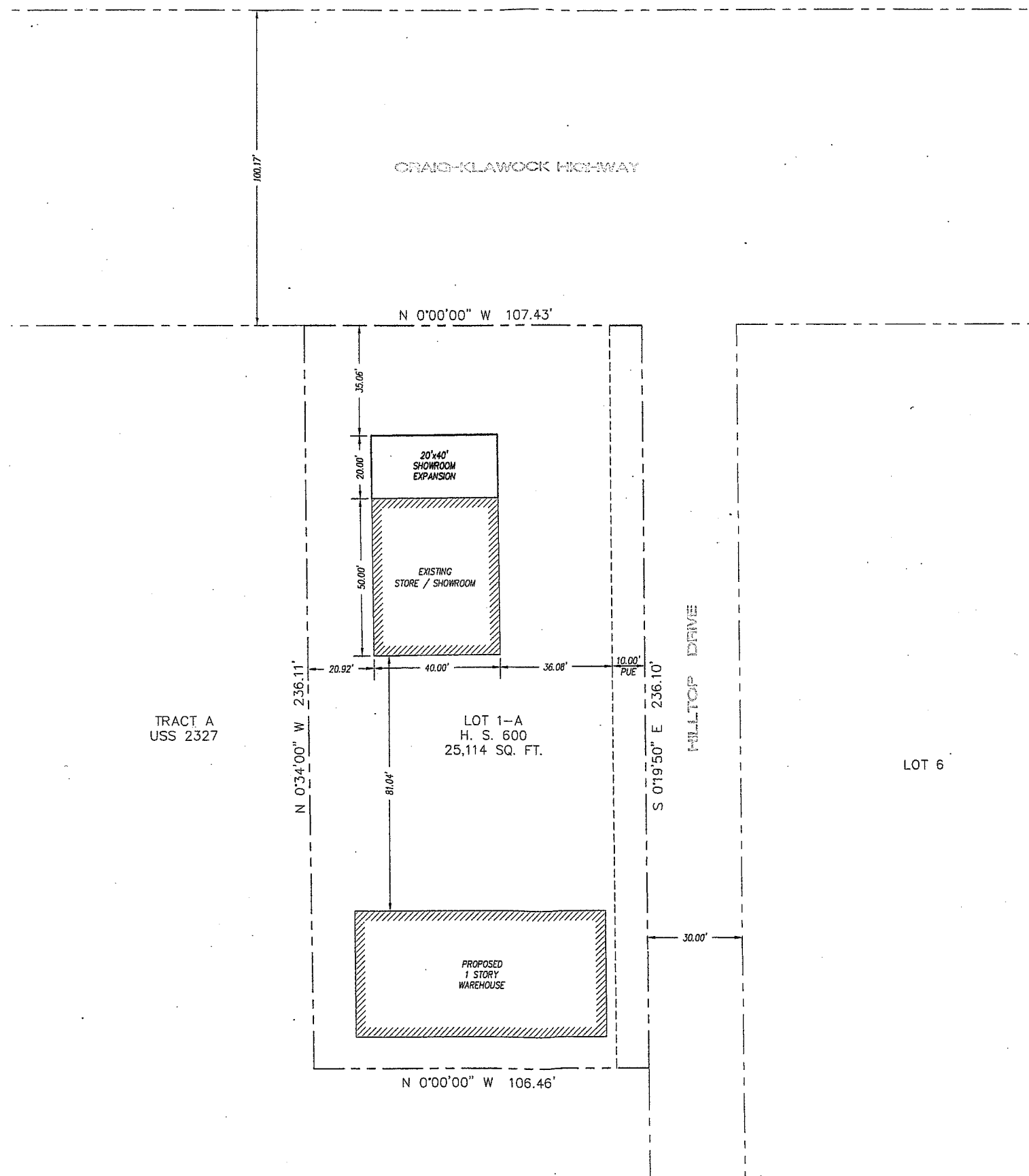
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SCOPE OF PROJECT:

EXPANSION OF EXISTING SHOWROOM FACILITIES THROUGH THE CONSTRUCTION OF A 1 STORY WOOD BUILDING SYSTEM (20x40), ASSOCIATED REINFORCED CONCRETE FOUNDATION AND FLOOR SLAB.

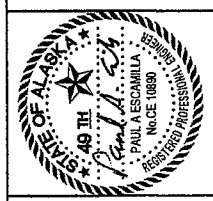


DESIGNED BY: DATE: _____
 DRAWN BY: DATE: _____
 REVIEWED BY: DATE: _____
 PROJECT NO.: _____ REF. _____
 SCALE: _____
 SHEET 1 OF 3
 PROJECT: BAY COMPANY
 NO. 267-001
 TYPE PERMIT



ALPINE CONSULTING ENGINEERS
 CIVIL, PLANNING & REPAIRING | SUBMITTING
 P.O. BOX 383 CRAIG, AK 99921
 Phone: & Fax: (907) 826-2253
 alpineengineers.com

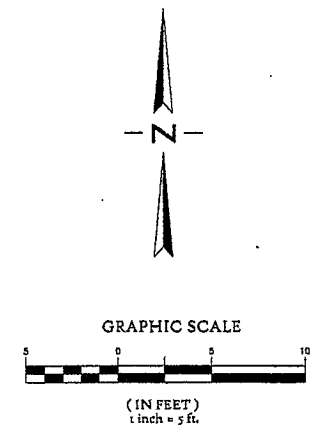
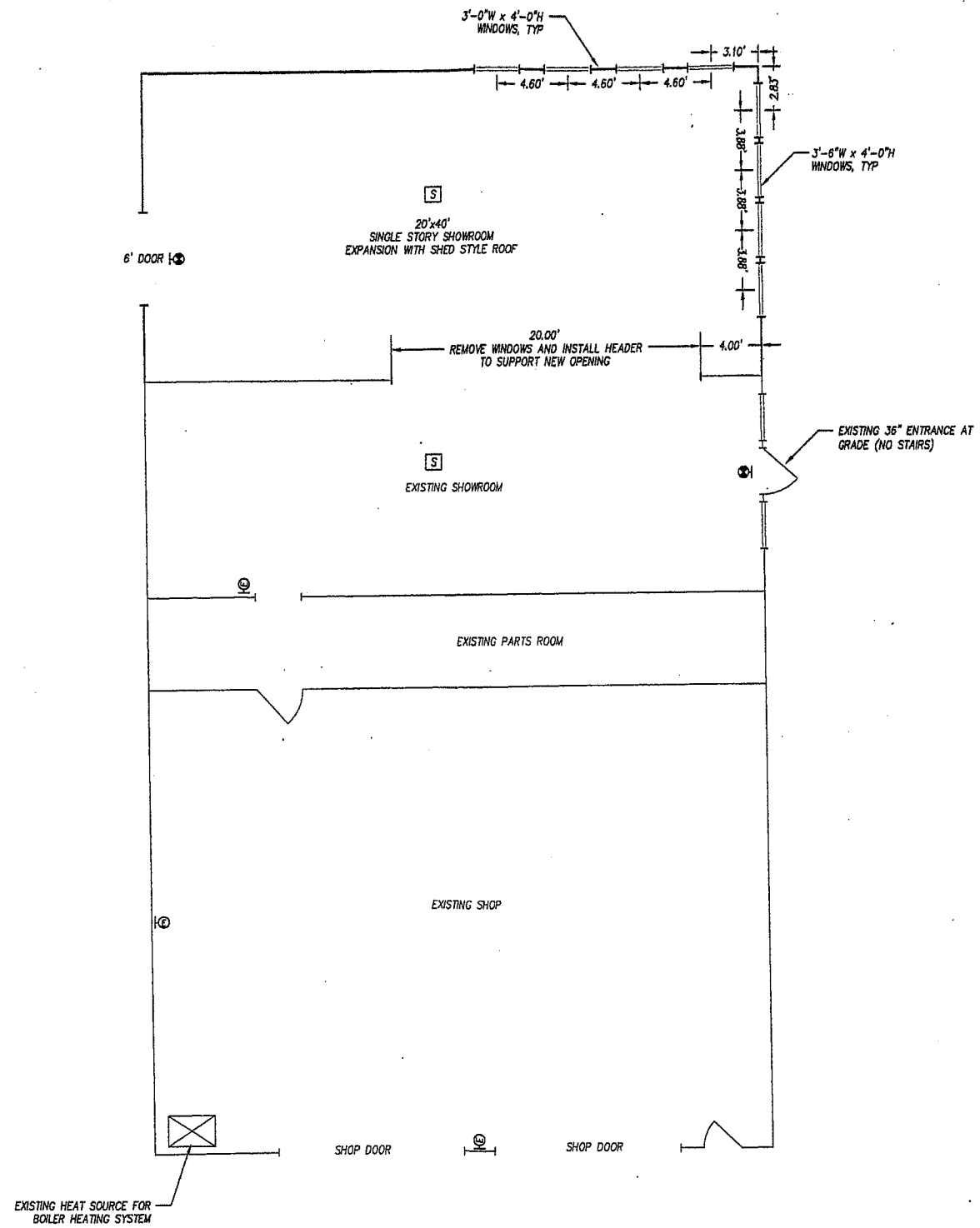
SITE PLAN
 THE BAY COMPANY SHOWROOM EXPANSION
 CRAIG, AK



NO.	DATE	REVISION	BY

DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 REVIEWED BY: _____ DATE: _____
 PROJECT NO.: _____ REF.: _____
 SCALE: _____

SHEET 2 OF 3
 PROJECT Bay Company
 NO. 267-001
 TYPE PERMIT



- LEGEND**
- SMOKE DETECTOR
 - FIRE ALARM HORN STROBE
 - FIRE ALARM PULL STATION
 - ELECTRICAL PANEL
 - ILLUMINATED EXIT SIGN SURFACE MOUNTED - CEILING
 - ILLUMINATED EXIT SIGN SURFACE MOUNTED - WALL
 - WALL MOUNTED DRY-CHEMICAL FIRE EXTINGUISHER

ALPINE CONSULTING ENGINEERS
 CIVIL, ELECTRICAL & MECHANICAL ENGINEERING
 P.O. BOX 383 CRAIG, AK 99821
 Phone: (907) 826-2255
 alpineengineers.com

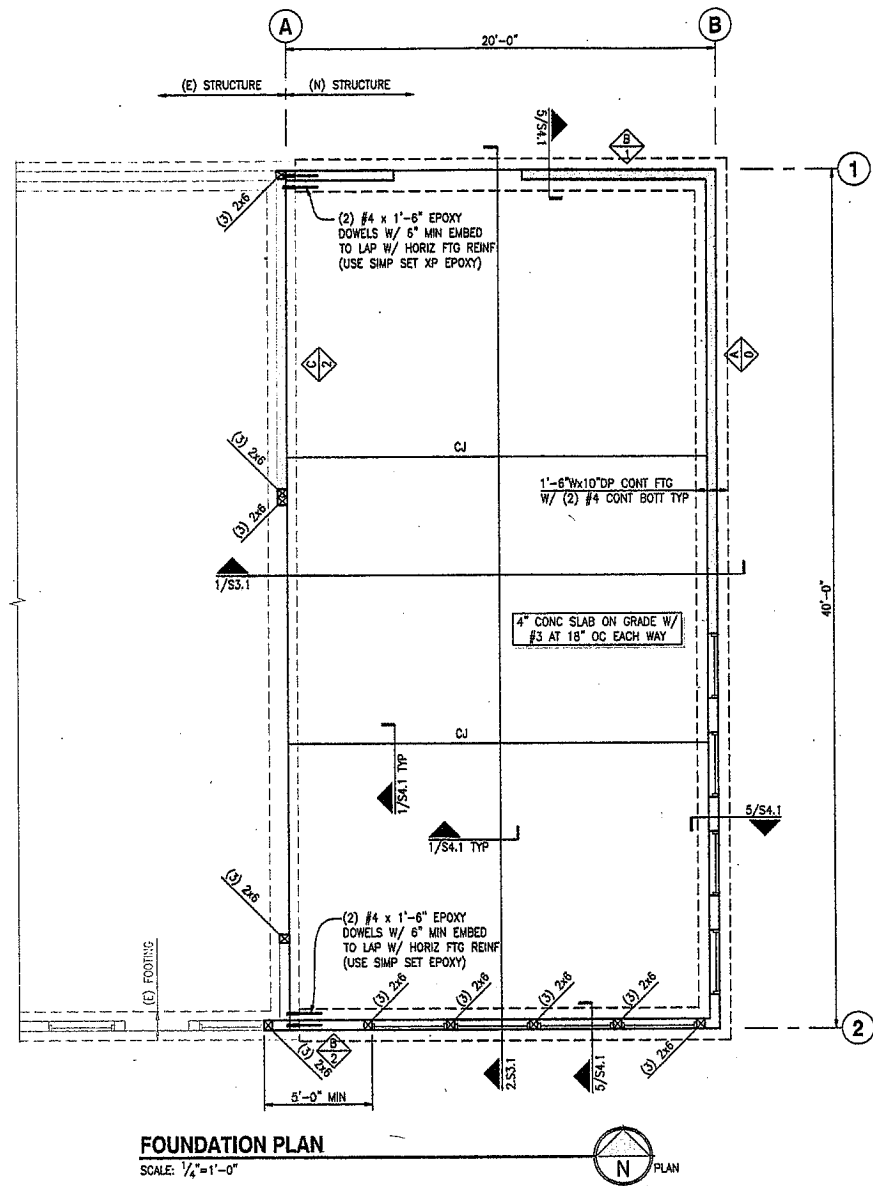
SHOWROOM EXPANSION PLAN
THE BAY COMPANY SHOWROOM EXPANSION
 CRAIG, AK



NO.	DATE	REVISION	BY

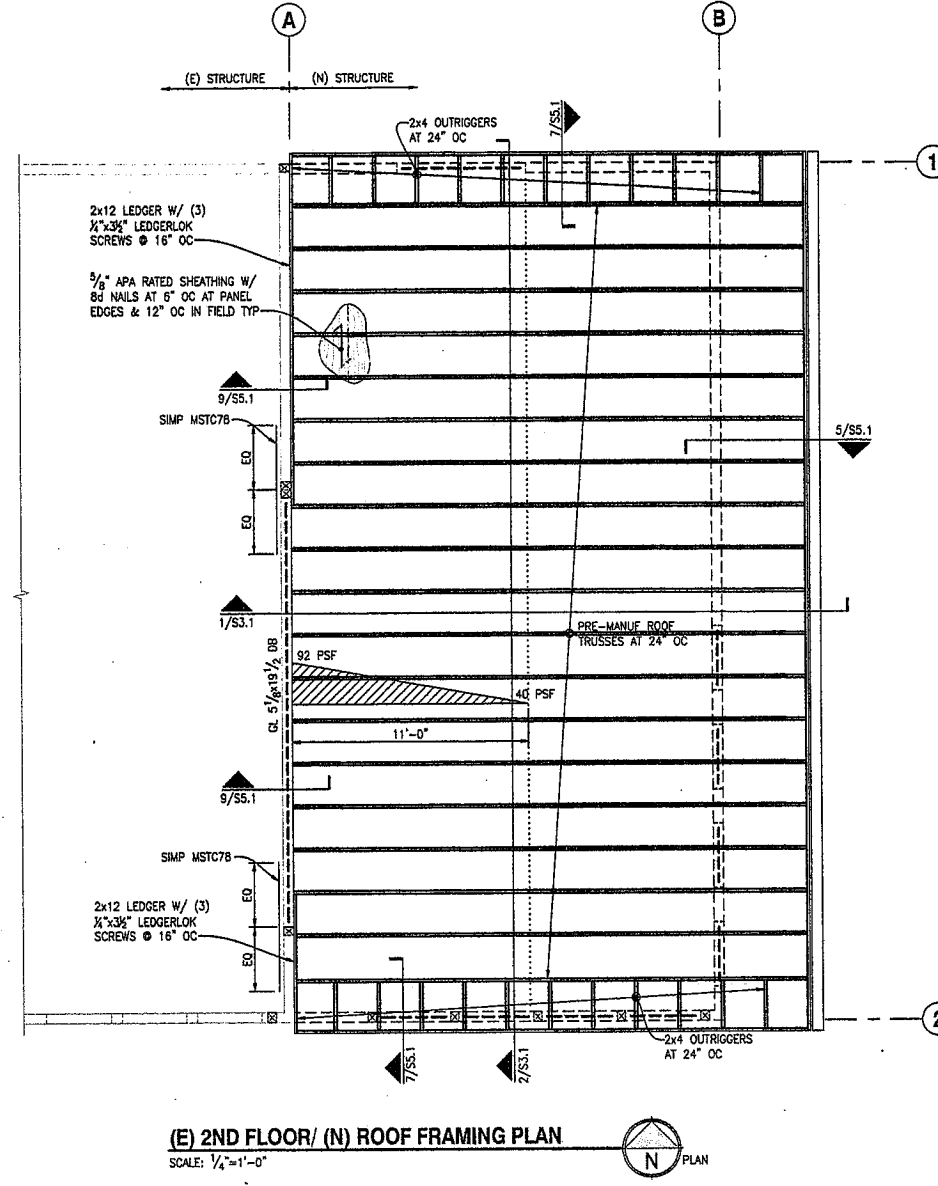
DESIGNED BY _____ DATE _____
 DRAWN BY _____ DATE _____
 REVIEWED BY _____ DATE _____
 PROJECT NO. _____ REF. _____
 SCALE _____

SHEET **3** OF **3**
 PROJECT BAY COMPANY
 NO. 267-001
 TYPE PERMIT



FOUNDATION PLAN

SCALE: 1/4"=1'-0"



(E) 2ND FLOOR/ (N) ROOF FRAMING PLAN

SCALE: 1/4"=1'-0"

FOUNDATION AND SLAB PLAN NOTES:

- DIMENSIONS: CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION. COLUMNS AND FOOTINGS ARE CENTERED ON GRID, TYPICAL. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED. ALL DIMENSIONS ARE TO INSIDE FACE OF CONCRETE, OUTSIDE FACE OF CONCRETE OR CENTERLINE OF GRID. CONTINUOUS FOOTINGS ARE CENTERED UNDER WALLS/STRUCTURAL PANELS, POSTS, BUNDLED STUDS OR COLUMNS TO BE CENTERED ON FOOTING OR WALL PIER, UNO.
- TOP OF SLAB (1/SLAB) ELEVATION ASSUMED 0'-0". PROVIDE 6 MIL VAPOR BARRIER BELOW SLAB AT INTERIOR SPACES.
- CJ INDICATES CONTROL JOINT. FOR INFORMATION, REF 1/SA.1 (PROVIDE AT 15'-0" OC SPACING EACH WAY MAX).
- MINIMUM STRENGTH FOR CONCRETE SHALL BE $f'_c=3000$ PSI.
- REINFORCEMENT SHALL BE $f_y=60000$ PSI.
- MINIMUM SOIL BEARING = 1500 PSF (ASSUMED).
- DF/L #2 GRADE STUDS MINIMUM.
- FOOTINGS TO BEAR ON UNDISTURBED NATIVE SOIL OR COMPACTED STRUCTURAL FILL TYP.
- ALL WOOD EXPOSED TO CONCRETE, WEATHER, OR WITHIN 6" OF FINISHED GRADE SHALL BE PRESSURE-TREATED.
- CONCRETE DIMENSIONS: CONTRACTOR SHALL LOCATE ALL DOOR OPENINGS IN EXTERIOR FOUNDATION WALLS AND VERIFY PRIOR TO POURING CONCRETE. CONTRACTOR TO COORDINATE CURBS.

- INDICATES WOOD POST/COLUMN
- INDICATES 2x BEARING WALL ON CONCRETE FOOTING. EXTERIOR WALLS SHALL BE 2x6 STUDS AT 24" OC AND INTERIOR WALLS SHALL BE 2x4 STUDS AT 24" OC TYP UNO.
- INDICATES STRUCTURAL WOOD SHEARWALL. SHEATHING AND ANCHORAGE REQUIREMENTS PER SHEARWALL SCHEDULE. ALL EXTERIOR SHEARWALLS SHALL BE TYPE "A" UNO ON PLAN.
- INDICATES EXISTING WALL
- SHEARWALL SYMBOL - REFERENCE SHEARWALL SCHEDULE
- HOLDOWN SYMBOL - REFERENCE HOLDOWN SCHEDULE. HOLDOWNS OCCUR AT EACH END OF SHEARWALLS UNLESS INDICATED OTHERWISE ON PLAN.
- SECTION CUT - DETAIL NUMBER/SHEET NUMBER.

WOOD ROOF PLAN NOTES:

- FOR ALL DUCTS, CHASES AND PIPES. REFERENCE MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS BY OWNER.
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
- HEADERS SHOWN SHALL BE SUPPORTED BY (2) STUDS MINIMUM, UNO ON PLAN.
- ROOF TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING CRITERIA:
 * DESIGN LOADS SHALL BE AS FOLLOWS: DEAD LOAD = 15PSF, ROOF LIVE LOAD = 20PSF, SNOW LOAD = 40PSF
 * TRUSS LAYOUT SHOWN IS APPROXIMATE. TRUSS SUPPLIER IS RESPONSIBLE FOR FINAL TRUSS LAYOUT AND CONFIGURATION. NOTIFY ENGINEER OF REVISIONS TO PLAN.
 * PROVIDE SIMPSON H2.5 HURRICANE TIES AT ALL ROOF TRUSSES AND ROOF JOISTS, TYP.
 * ROOF SYSTEM TO BE BIDDER DESIGNED. ROOF PLAN SHOWN IS A SUGGESTED LAYOUT. CHANGES MUST BE SUBMITTED TO THE ENGINEER-OF-RECORD THRU THE ARCHITECT WITH BEARING POINTS AND REACTIONS TO STRUCTURE.
- INDICATES SNOW DRIFT LOADING. THIS LOAD IS IN ADDITION TO THE NORMAL SNOW LOAD AS SPECIFIED ABOVE.

- HEADERS SHOWN BUT NOT SPECIFIED ARE TO BE (2) 2x8 OR (3) 2x6 MINIMUM, UNO ON PLAN. HEADERS SHOWN SHALL BE SUPPORTED BY (2) STUDS MINIMUM, UNO ON PLAN.
- BLOCKING: PROVIDE SOLID BLOCKING OVER ALL SHEARWALLS AND BEARING WALLS. AT SHEARWALLS PARALLEL TO FRAMING, ALIGN JOIST OVER SHEARWALL. ADDITIONAL JOISTS MAY BE REQUIRED TO ACCOMMODATE BLOCKING.
- REPLACE "IN-KIND" ALL WOOD BEAMS, JOISTS, PURLINS, SUBPURLINS AND SHEATHING, WHICH SHOW SIGNS OF DRY ROT.
- INDICATES WOOD POST/COLUMN BELOW.
- INDICATES STRUCTURAL BEARING AND/OR SHEARWALL BELOW.
- INDICATES EXISTING BEARING AND/OR SHEARWALL BELOW.
- SECTION CUT - DETAIL NUMBER/SHEET NUMBER.



SFA Design Group, LLC
 STRUCTURAL | CIVIL | LAND USE PLANNING
 9020 SW Washington Square Dr., Suite 350
 Portland, Oregon 97223
 p: (503) 641-8311 f: (503) 643-7905
 www.sfaesigngroup.com



THE BAY COMPANY
 1251 CRAIG-KLAWOCK HWY
 CRAIG, AK 99201

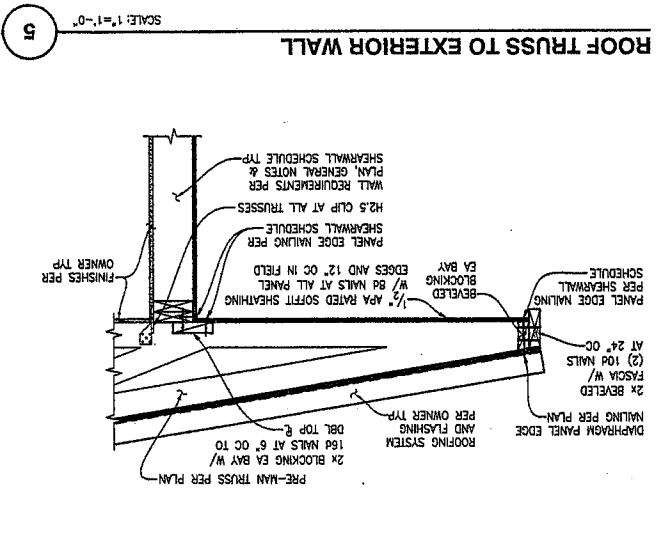
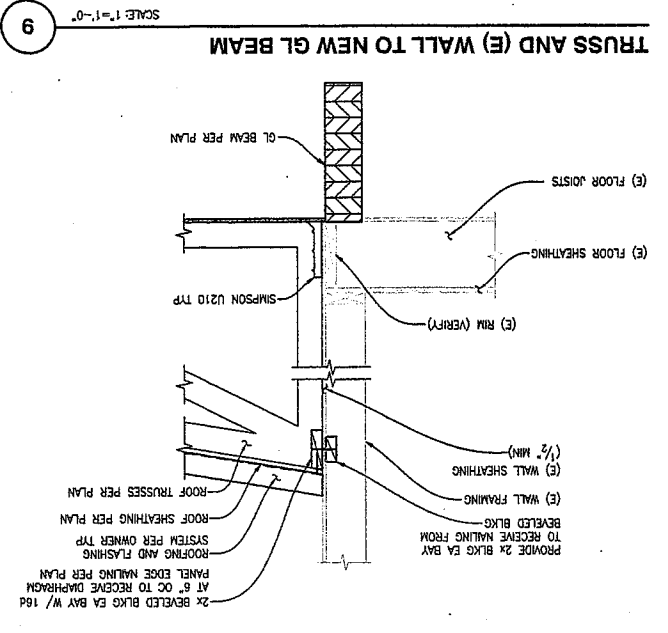
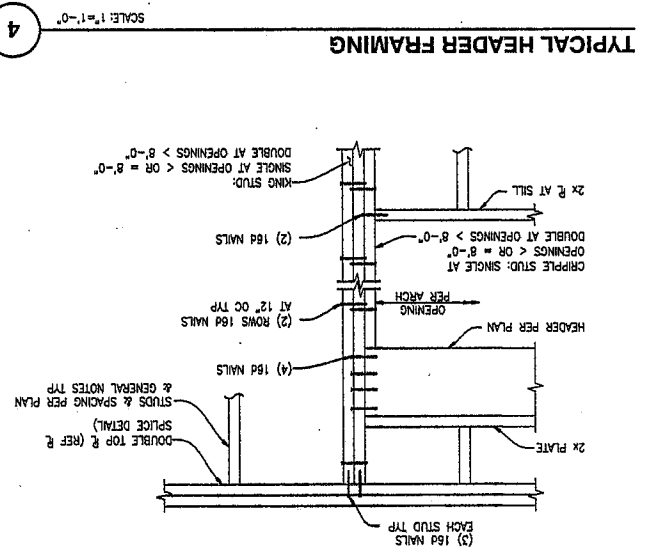
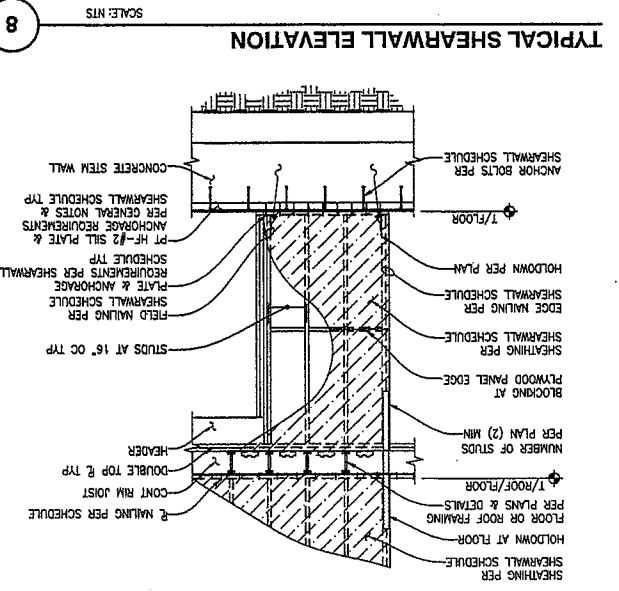
FOUNDATION & ROOF FRAMING PLANS

REVISIONS

NO.	DESCRIPTION

PROJECT NO:
11-004
BY:
JSF
DATE:
2-17-11

SHEET NO:
S2.1
1 OF 4

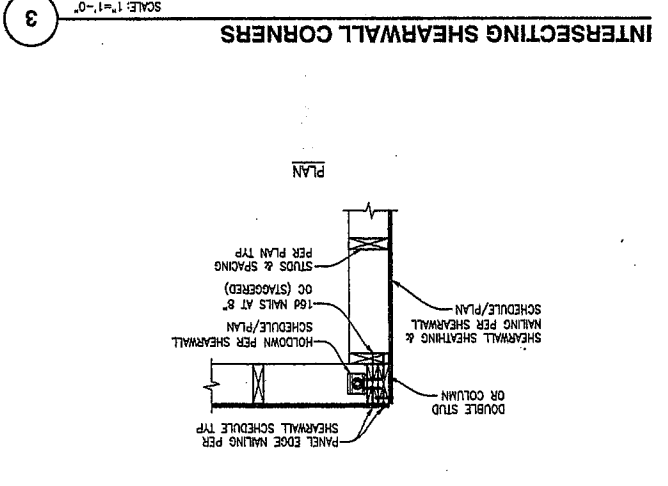
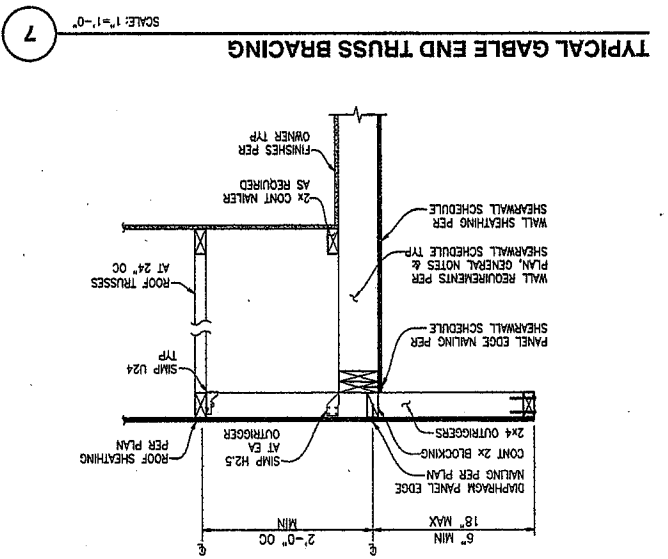


PLYWOOD SHEARWALL SCHEDULE

WALL TYPE	FASTENERS AT PANEL EDGES (1,2)	BLOCKING REQ'D	NOMINAL MEMBER SIZE	MIN 2x MEMBER	APPLY RATED SHTS	YES	NO	SPACING	W/ SHEATHING	W/ SHEATHING	W/ SHEATHING
1/2\"/>											

HOLDOWN SCHEDULE

MARK	HOLDOWN TYPE	FASTENERS	UPLIFT CAPACITY, (LBS)
△	SIMPSON HDU8	SIMPSON SSTB28	7870
△	SIMPSON HDU4	SIMPSON SSTB14	4565
△	HOLDOWN NOT REQUIRED		



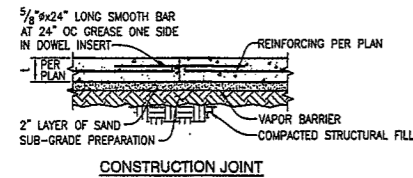
REVISIONS

NO.	DATE	BY	PROJECT NO.
1	2-17-11	JSP	11-004

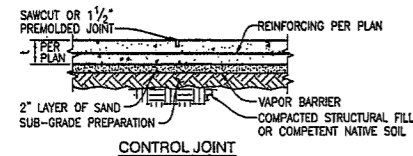
THE BAY COMPANY
1251 CRAIG-KLAWOCK HWY
CRAIG, AK 99201

SFA Design Group, LLC
STRUCTURAL | CIVIL | LAND USE PLANNING
9020 SW Washington Square Dr., Suite 350
Portland, Oregon 97223
P: (503) 641-4311 F: (503) 643-3905
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CONSTRUCTION JOINT



CONTROL JOINT

NOTE:

1. CONSTRUCTION OR CONTROL JOINT LOCATIONS PER FOUNDATION PLAN.
2. USE "SOFTCUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.
3. PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS OF 225sq ft MAX.

TYPICAL SLAB ON GRADE & JOINT DETAILS

SCALE: 3/4"=1'-0"

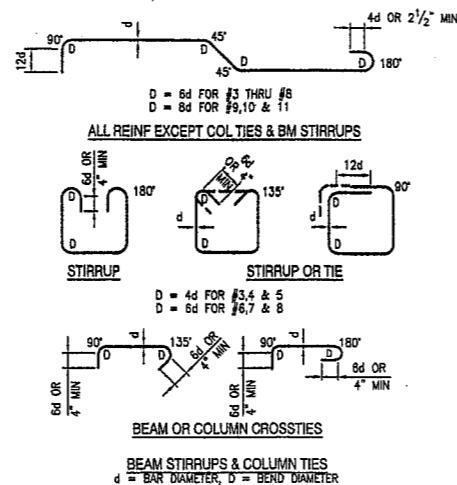
1

STANDARD HOOKS & BENDS

REF TO CURRENT ACI FOR REVISIONS TO STANDARD HOOKS & BENDS

SCALE: NONE

2



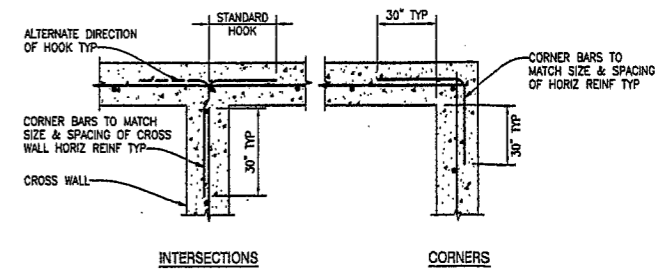
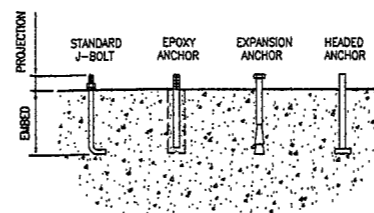
NOTES:

1. CONTRACTOR SHALL DETERMINE REQ'D THREADED PROJECTION SUITABLE FOR MATERIAL BEING FASTENED AND REQ'D TOLERANCES, UNO.
2. CONTRACTOR MAY SELECT ALTERNATE ANCHOR BOLT TO THAT SHOWN ON PLANS WITH PRIOR APPROVAL FROM ENGINEER OF RECORD.

TYPICAL ANCHOR BOLT TYPES

SCALE: NTS

3



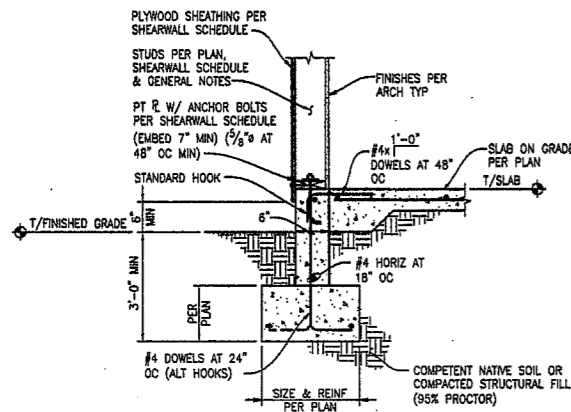
NOTES:

1. REF ELEVATIONS, SECTIONS, DETAILS, & GENERAL NOTES FOR WALL REINFORCING.
2. AT FOOTING & STEM WALLS, CORNER BARS TO MATCH FOOTING & STEM WALL HORIZONTAL BARS.

TYPICAL CORNER BARS AT CONCRETE WALLS

SCALE: NTS

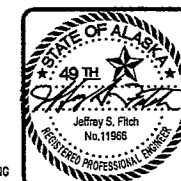
4



TYPICAL EXTERIOR WALL FOOTING

SCALE: 3/4"=1'-0"

5



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THE BAY COMPANY
 1251 CRAIG-KLAUWOCK HWY
 CRAIG, AK 99201

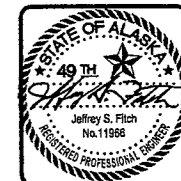
FOUNDATION DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NO:
11-004
 BY:
JSF
 DATE:
2-17-11

SHEET NO:
S4.1
 3 OF 4



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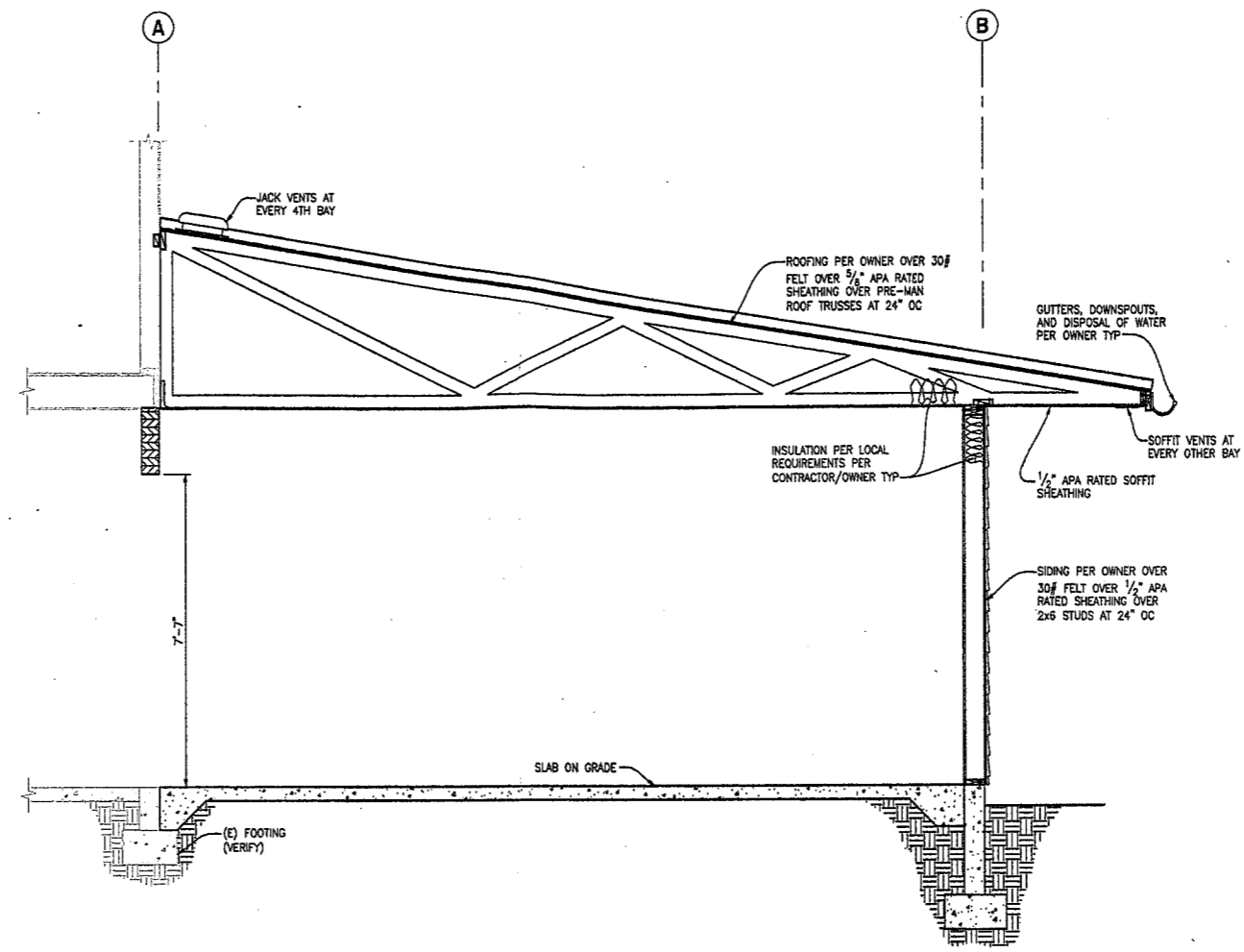
THE BAY COMPANY
 1251 CRAIG-KLAUOCK HWY
 CRAIG, AK 99201

BUILDING SECTIONS

REVISIONS

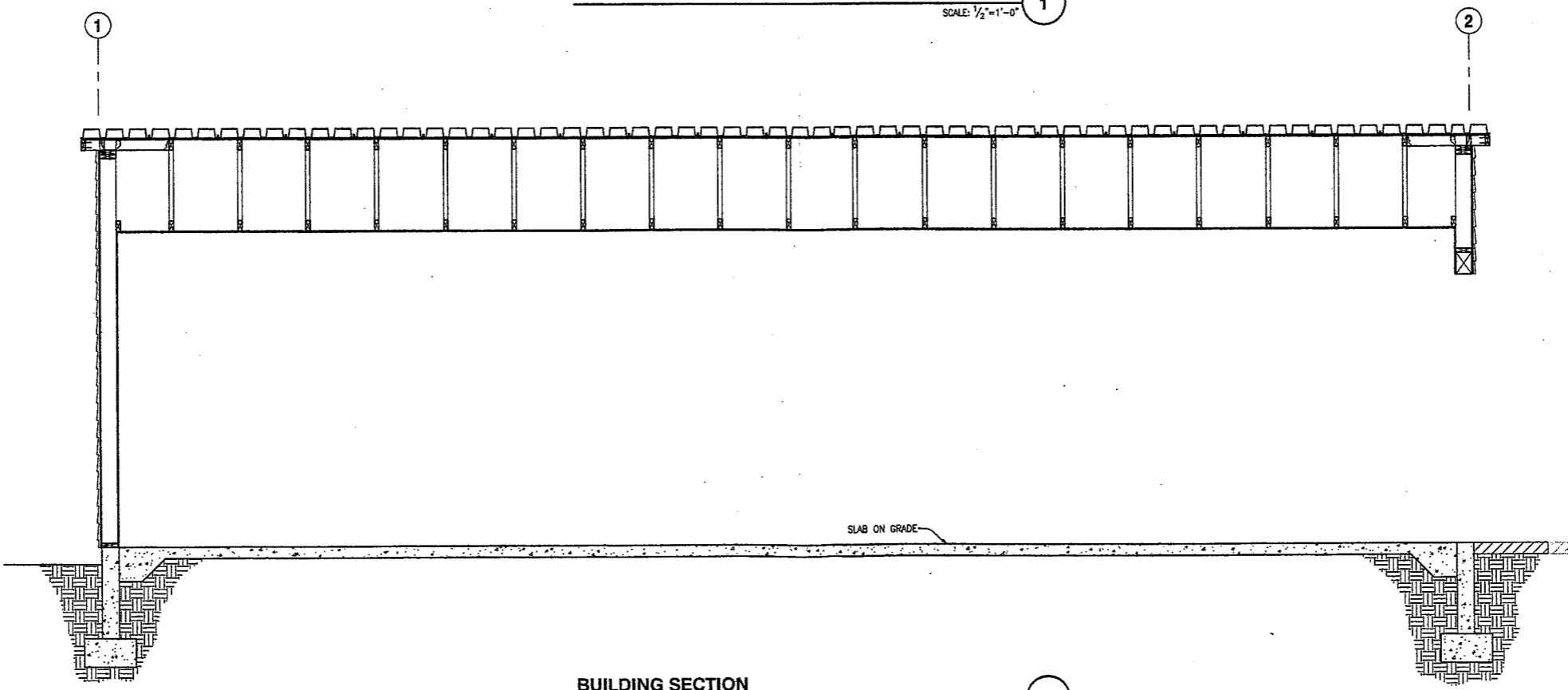
PROJECT NO:
11-004
 BY:
JSF
 DATE:
2-17-11

SHEET NO:
S3.1
2 OF 4



BUILDING SECTION

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



BUILDING SECTION

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

CRAIG-KLAWOCK HIGHWAY

EAST 107.43'

LOT 6

HILLTOP DRIVE 30' ROW

S 0°19'50" E 236.10'

10' UTILITY EASEMENT

4" DRAIN CONNECTION TO DITCH DR CITY DRAIN

13' SETBACK

4" ABS CLEAN OUT STUB OUT FOR POTENTIAL FUTURE CONNECTION TO CITY WASTEWATER

The Bay Company
Existing Store 1251
CRAIG-KLAWOCK HWY.

Lot 1-A
H. S. 600
25114 Sq. Ft.
GRADING PLAN NIC

4'X4'X6'
LANDING

4'X4'X6'
LANDING

4" DRAIN CONNECTION TO DITCH DR CITY DRAIN

13' SETBACK

NEW
WAREHOUSE
80'X40'

10' SETBACK

WEST 106.46'

N 0°34'00" W 236.11'

Tract A USS 2327

SITE PLAN
SCALE 1"=20'

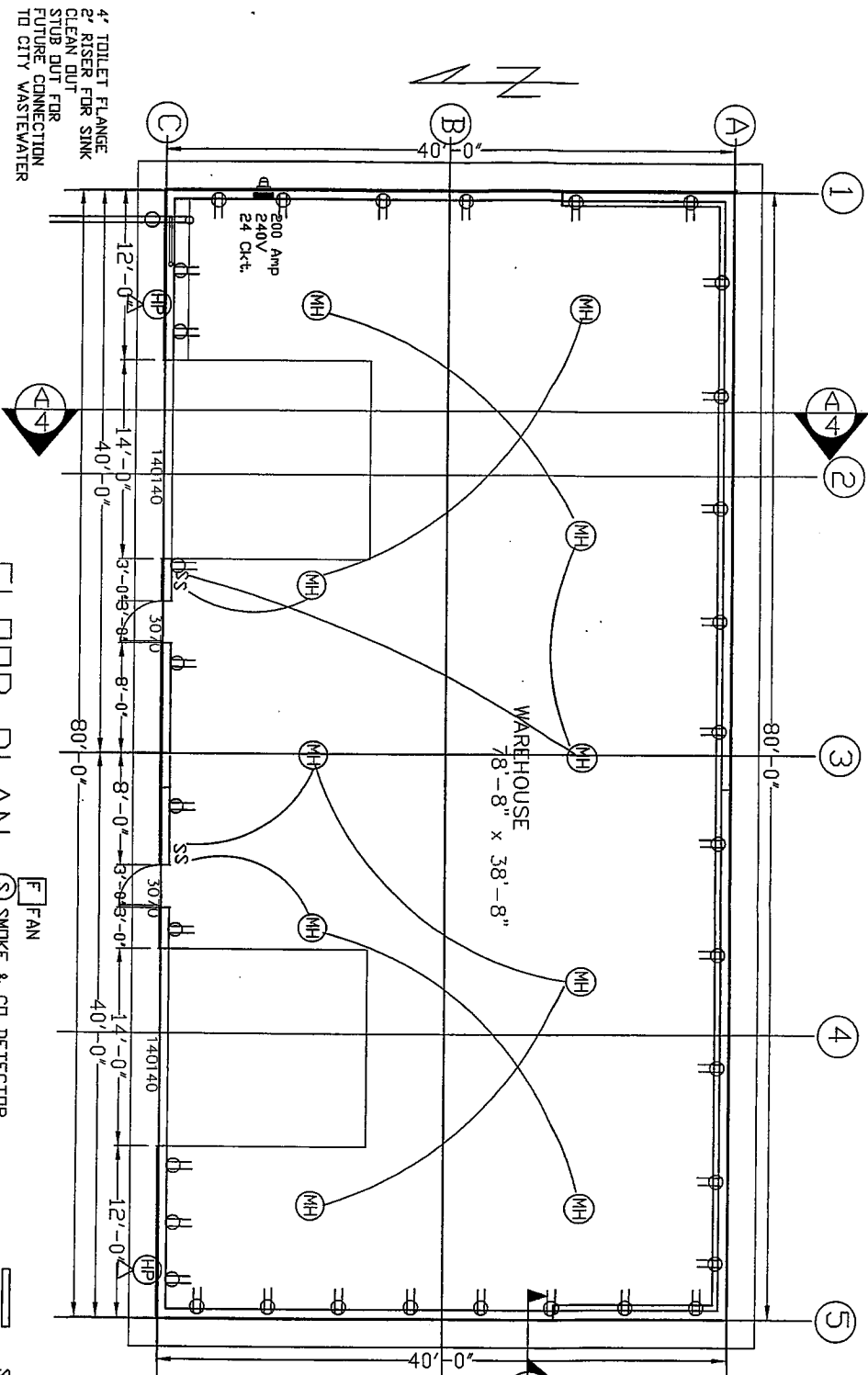


The Bay Company
1251 Craig-KLAWOCK HIGHWAY
Chet Powell

PROFESSIONAL ENGINEER
HONOREAN ENGINEERING & ASSOCIATES, INC.
PO BOX 9343
KETCHIKAN, ALASKA 99901
PHONE 907 247-5640
FAX 907 247-5918

PROJECT FOR
THE BAY CO.,
CHET POWELL
PO BOX 648
CRAIG, AK 99921

PROJECT#	C1
DATE	APR. 12, 2010
AS SHOWN	C7



THIS IS A DRAFT ELEC. PLAN INTENDED FOR AN ELECTRICAL ENG. OR ELECTRICAL ADMINISTRATOR TO DO AN ELECTRICAL LOAD CALC. AND PREPARE A COMPLETE ELECTRICAL PLAN

4" TOILET FLANGE
2" RISER FOR SINK
CLEAN OUT
STUB OUT FOR
FUTURE CONNECTION
TO CITY WASTEWATER

FLOOR PLAN
SCALE 1/8"=1'

- [F] FAN
- [S] SMOKE & CO DETECTOR
- [E] 5# ABC FIRE EXTINGUISHER
- [T] TELEVISION
- [P] PHONE
- [C] CO DETECTOR
- [A] EXIT EMER. LIGHT CRESCENT CCGWIZE

- [MH] SURFACE MOUNT
- [HP] 2-BULB 48T12/CVHQ
- [HP] METAL HALIDE 400 V
- [HP] STINECO MOUNT @ 24'
- [HP] MBL-22-400-NA-A-240
- [HPN] WASTE OIL BURNER
- [HPN] YARD LIGHT
- [HPN] PHOTOCELL CONTRL.

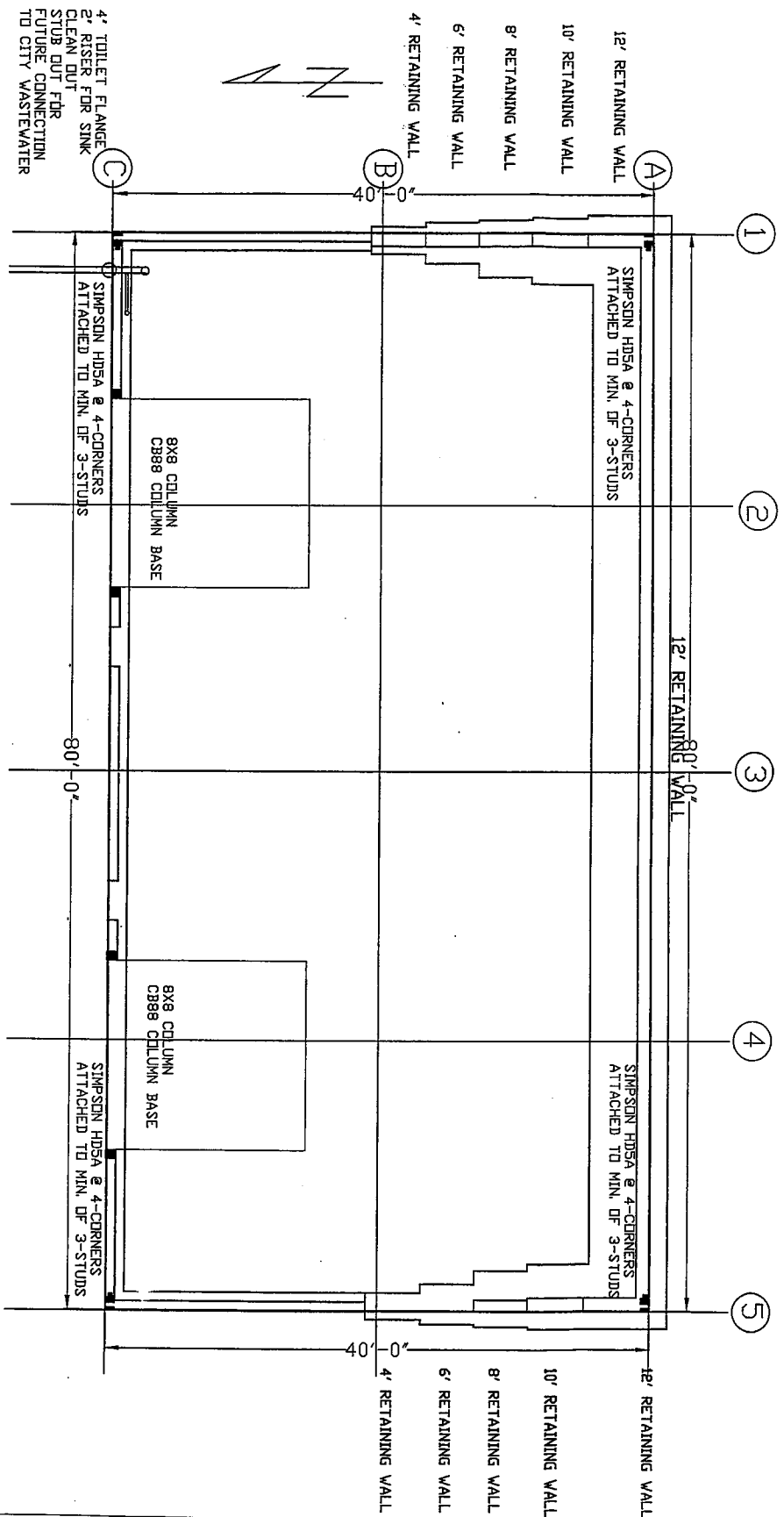


The Bay Company
1251 Craig-KLAWOCK HIGHWAY
Chet Powell

Prepared by:
HURREN ENGINEERING
& ASSOCIATES INC.
PO BOX 994
KETCHIKAN, ALASKA 99901
PHONE 907 247-8540
FAX 907 247-5918

THE BAY CO.
CHET POWELL
PO BOX 648
CRAIG, AK 99921

PROJECT: C2
DATE: APR. 14, 2010
AS SHOWN C7



FOUNDATION PLAN
SCALE 1/8"=1'

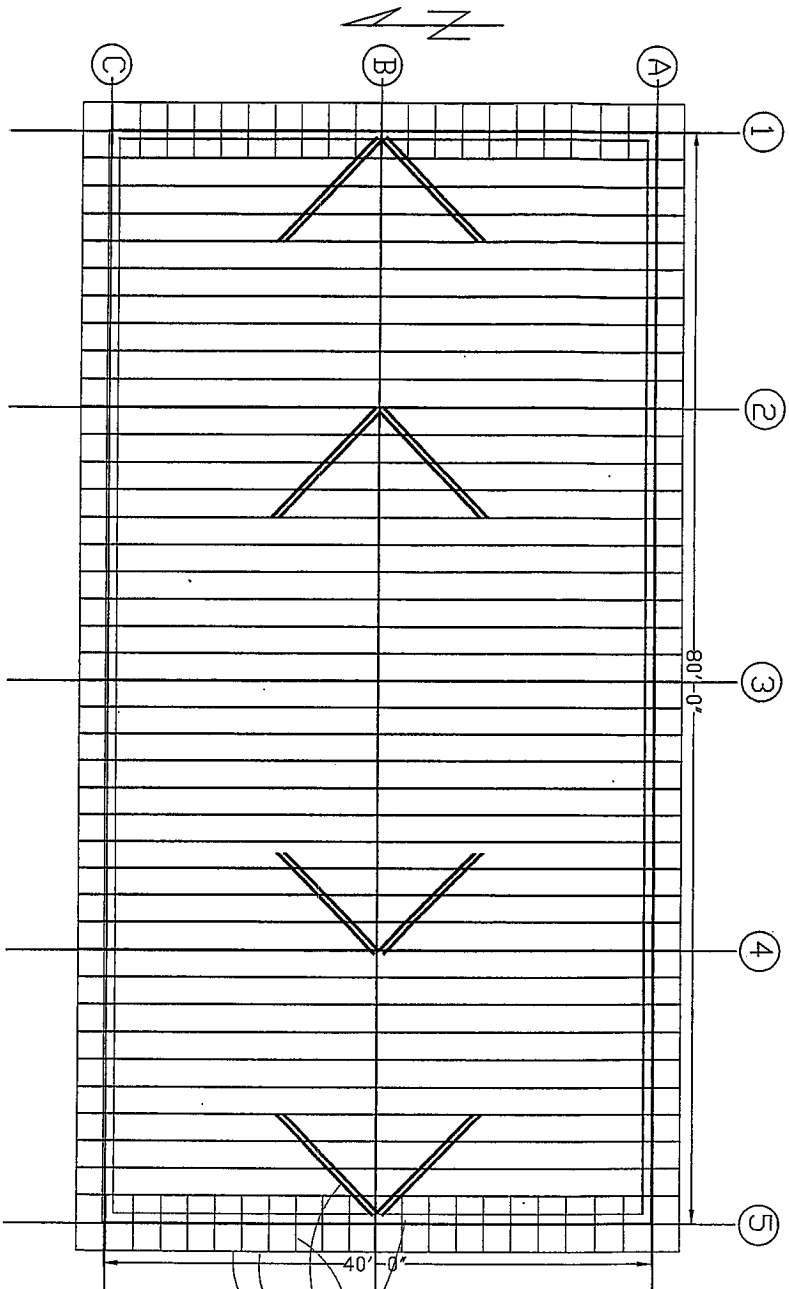


The Bay Company
1251 Craig-KLAWDOCK HIGHWAY
Chet Powell

DESIGNED BY
HONDEMAN ENGINEERING
& ASSOCIATES INC.
P.O. BOX 3343
KETCHIKAN, ALASKA 99901
PHONE: 907 247-8640
FAX: 907 247-3918

PROJECT NO.
THE BAY CO.
CHET POWELL
P.O. BOX 648
CRAIG, AK 99921

PROJECT: C3
DATE: APR. 14, 2010
AS SHOWN C7



ROOF PLAN
SCALE 1/8"=1'

VENTED RIDGE
ASC METAL ROOFING COLOR BY
OWNER
USE ALL RECOMMENDED FLASHING
& SEALS
30# FELT
¾ CDX PLYWOOD
PRE-ENGINEERED TRUSS 24" OC
12" ENERGY HEAL, 20" OVERHANG
DROPPED GABLE END TRUSS
6X4 OUTRIGGERS @ 24" OC
6X4 CROSS BRACES 4-PLACES
2X6 PT BARGE RAFTER & DRIP
EDGE
1X8 AZECC TRIM BOARDS OVER
FLASHING



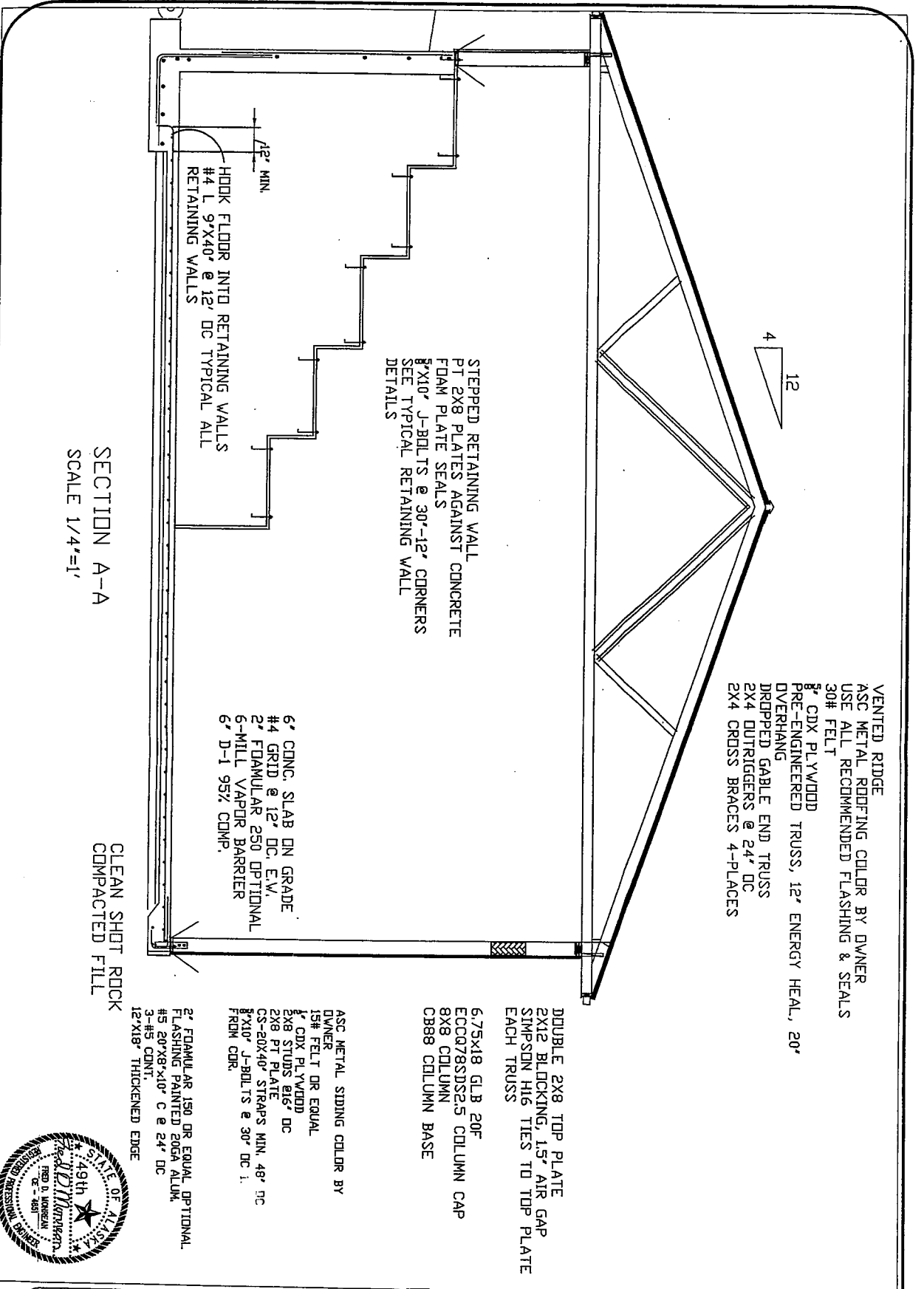
The Bay Company
1251 Craig-KLAWOCK HIGHWAY
Chet Powell

NO.	DATE	BY

PROFESSIONAL ENGINEER
NONRESIDENT ENGINEERING
& ASSOCIATES INC.
PO BOX 9343
KETCHIKAN, ALASKA 99901
PHONE 907 247-6640
FAX 907 247-5918

PROJECT NO.
THE BAY CO.,
CHET POWELL
PO BOX 648
CRAIG, AK 99921

PROJECT: C4
DATE: APR. 14, 2010
AS SHOWN C7



SECTION A-A
SCALE 1/4"=1'

VENTED RIDGE
ASC METAL ROOFING COLOR BY OWNER
USE ALL RECOMMENDED FLASHING & SEALS
30# FELT
5" CDX PLYWOOD
PRE-ENGINEERED TRUSS, 12" ENERGY HEAL, 20"
OVERHANG
DROPPED GABLE END TRUSS
2X4 OUTRIGGERS @ 24" DC
2X4 CROSS BRACES 4-PLACES

DOUBLE 2X8 TOP PLATE
2X12 BLOCKING, 15' AIR GAP
SIMPSON H16 TIES TO TOP PLATE
EACH TRUSS

6.75X18 GLB 20F
ECCOQ78SDS25 COLUMN CAP
8X8 COLUMN
C388 COLUMN BASE

ASC METAL SIDING COLOR BY
OWNER
15# FELT OR EQUAL
5" CDX PLYWOOD
2X8 STUDS @ 16" DC
2X8 PT PLATE
CS-20X40' STRAPS MIN. 48" DC
8'X10' J-BOLTS @ 30' DC I.
FROM COR.

2' FOAMULAR 150 OR EQUAL OPTIONAL
FLASHING PAINTED 200A ALUM.
#3 20'X8'X10' C & 24' DC
3-#5 CONT.
12'X18" THICKENED EDGE

CLEAN SHOT ROCK
COMPACTED FILL

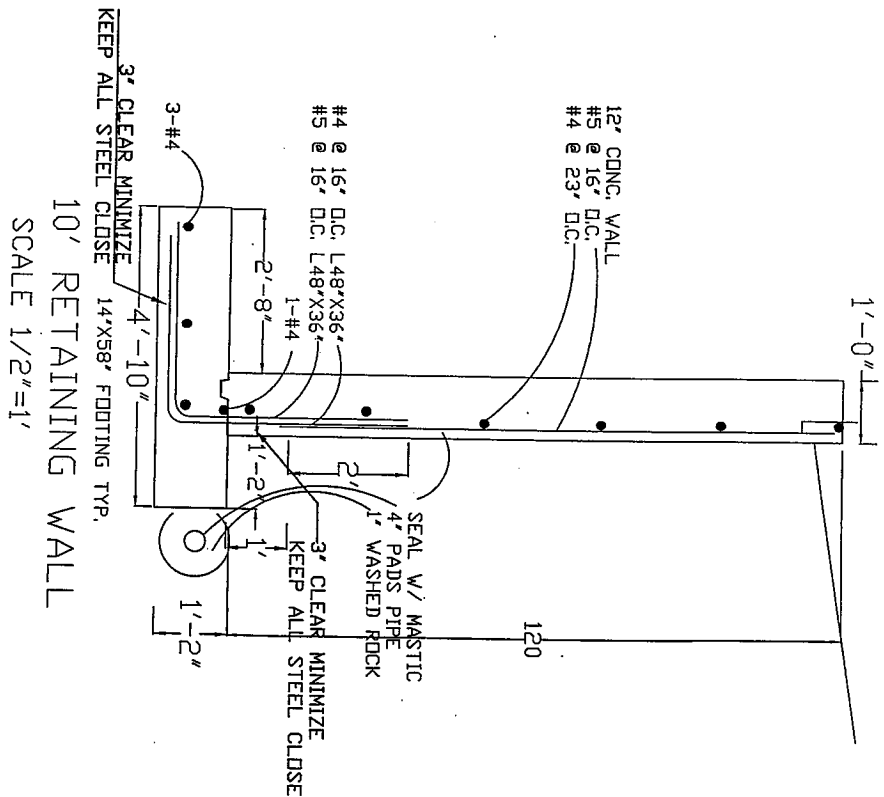
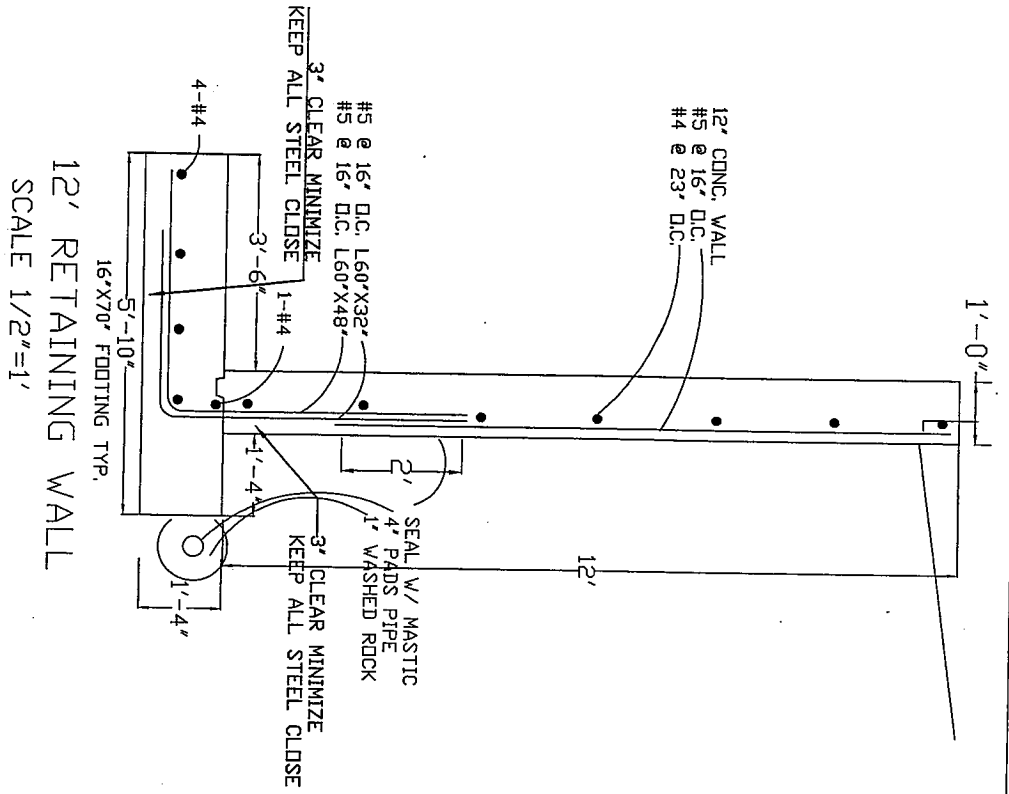


The Bay Company
1251 Craig-Klawock Highway
Chet Powell

FORWARD TO:
MORREAN ENGINEERING
& ASSOCIATES, INC.
P.O. BOX 2549
KETCHIKAN, AK 99901
PHONE 907 247-6640
FAX 907 247-5918

THE BAY CO.
CHET POWELL
PO BOX 648
CRAIG, AK 99921

PROJECT:	C5
DATE:	APR 12, 2010
AS SHOWN:	C7



PROJECT: C7
DATE: APR. 12, 2010
AS SHOWN: C7

THE BAY CO.
CHET POWELL
PO BOX 648
CRAIG, AK 99921

HONOREAN ENGINEERING & ASSOCIATES INC.
PO BOX 9343
KETCHIKAN, ALASKA 99901
PHONE 907 547-8660
FAX 907 547-9918

NO.	REVISION / DATE	DATE

The Bay Company
1251 Craig-Klawock Highway
Chet Powell

State of Alaska
Office of the State Fire Marshal
Plan Review

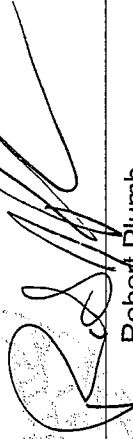
This is to certify that the plans for this building were reviewed by the *State Fire Marshal*
on June 2, 2010 for conformance with AS 18.70.010 -- 100; 13 AAC 50.027.

This certificate shall be posted in a conspicuous place on the premises named
The Bay Company Storage Building and shall remain
posted until construction is completed.

NOTICE: Any changes or modifications to the approved plans **must** be resubmitted for
review by the *State Fire Marshal*.

Plan Review #: 2010June1051

By:



Robert Plumb
Deputy Fire Marshal

Authority: AS 18.70.080
Form: 12-741
(6/01)