

SITKA AIRPORT

SAND & CHEMICAL STORAGE BUILDING

NOVEMBER 30, 2001

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CODE DATA

2000 IBC
OCCUPANCY S-1
CONSTRUCTION TYPE V-B
TABLE 503
STORIES-1 STORY ALLOWED
1 STORY ACTUAL
AREA- 9,000SF ALLOWED
16,100SF ACTUAL
AREA INCREASE CALCULATION
(506.2) $I f = 100 \left(\frac{400}{560} - .25 \right) \frac{30}{100} = 46$
(506.1) $A a = 9,000 + (9,000 \times 46 / 100) + (9,000 \times 300 / 100) =$
40,140

506.3 SPRINKLERED=300

Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.
Proj. Eng. *J. Newell* Date



ALASKA LOCATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
SOUTHEAST REGION

APPROVED

Regional Preconstruction Engineer

Date 3/4/02

APPROVED

Regional Southeast Director

Date 3/4/02

PLANS DEVELOPED BY:
JENSEN
YORBA
LOTT
INC.

NOTE:
DO NOT SCALE FROM THESE
PLANS - USE DIMENSIONS

A001

DESIGNED BY:

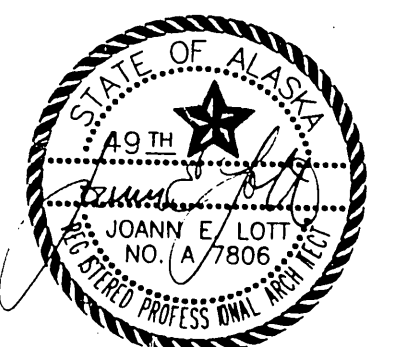
PROJECT NO. 67507
AIP 3-02-0268-1402

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NOVEMBER 30, 2001

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SHEET 1 OF 27



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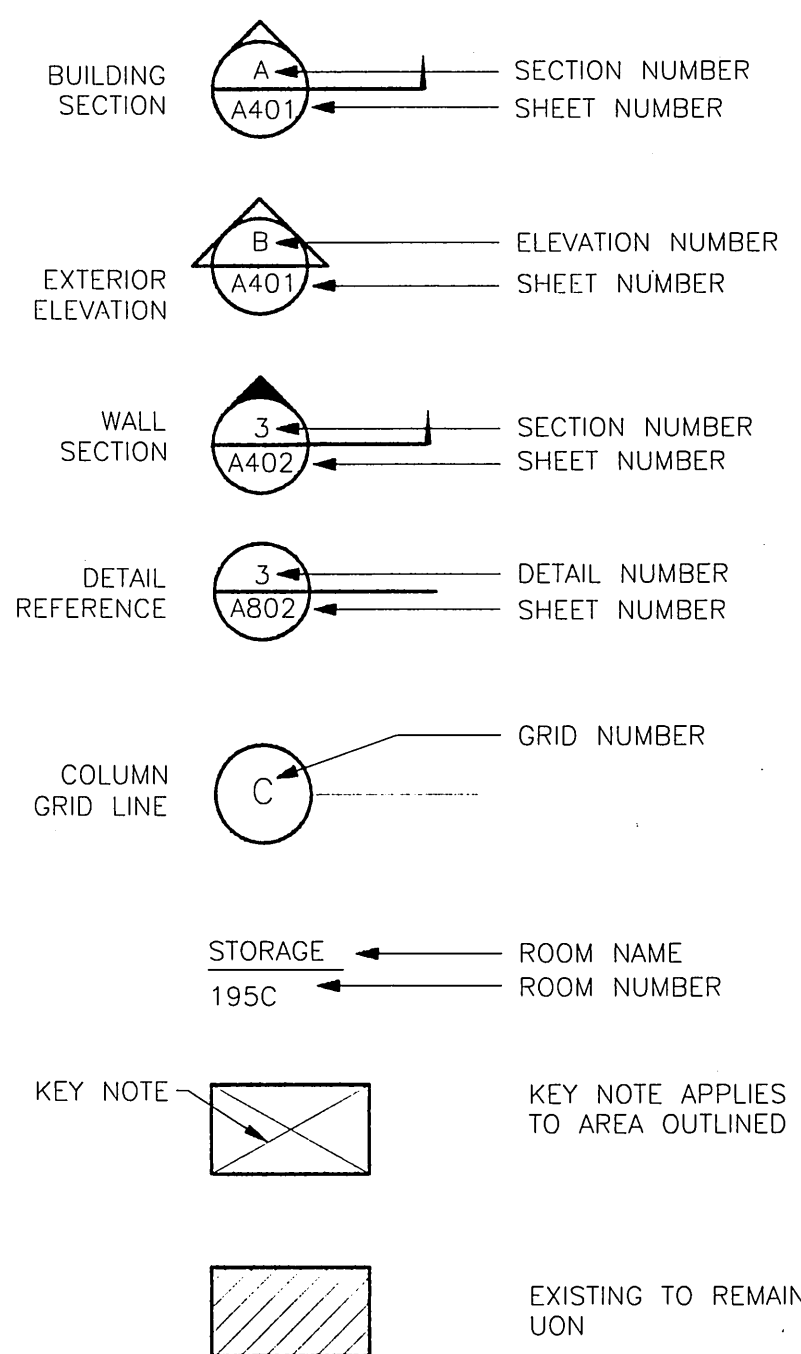
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SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

STANDARD ABBREVIATIONS

AND	E	EAST	ID	INSIDE DIAMETER	RGTR	REGISTER
ANGLE	EA	EACH	INSUL	INSULATION	RH	ROBE HOOK
AT	EFS	EXTERIOR INSULATION & FINISH SYSTEM	INT	INTERIOR	RM	ROOM
CENTERLINE	EJ	EXPANSION JOINT	JAN	JANITOR	RO	ROUGH OPENING
DIAMETER	EL	ELEVATION	JT	JOINT	RWD	REDWOOD
NUMBER	ELEC	ELECTRICAL	LAB	LABORATORY	RWL	RAIN WATER LEADER
ACOUS	ELEV	ELEVATOR	LAM	LAMINATE	S	SOUTH
AD	EVER	EMERGENCY	LAV	LAVATORY	SC	SOLID CORE
ADJ	EM	ENTRY MAT	LKR	LOCKER	SCD	SEAT COVER DISPENSER
AFF	ENCL	ENCLOSURE	LT	LIGHT	SCHED	SCHEDULE
AIB	EP	ELECTRICAL PANELBOARD	M	MIRROR	SD	SOAP DISPENSER
AL	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	MAX	MAXIMUM	SECT	SECTION
APPROX	EQ	EQUAL	MC	MEDICINE CABINET	SF	SQUARE FOOT
ARCH	EOP	EQUIPMENT OVERLAP	MDO	MEDIUM DENSITY OVERLAP	SH	SHelf
ASB	EWC	ELECTRIC WATER COOLER	MECH	MECHANICAL	SHR	SHOWER
C	EV	EXISTING	MEMB	MEMBRANE	SHTH	SHEATHING
BD	EXPO	EXPOSED	MFP	MANUFACTURER	SIM	SIMILAR
BITUM	EXP	EXPAISON	MH	MANHOLE	SND	SANITARY NAPKIN DISPENSER
BLDG	EXT	EXTERIOR	MIN	MINIMUM	SNR	SANITARY NAPKIN RECEPTACLE
BLK	FA	FIRE ALARM	MISC	MISCELLANEOUS	SPEC	SPECIFICATIONS
BLKG	FB	FLAT BAR	MO	MASONARY OPENING	SQ	SQUARE
BM	FD	FLOOR DRAIN	MTD	MOUNTED	S SK	SERVICE SINK
BOT	FDN	FOUNDATION	MTL	METAL	STA	STATION
CAB	FEC	FIRE EXTINGUISHER CAB	MUL	MULLION	STC	SOUND TRANSMISSION CLASS
CB	FF	FINISH FLOOR	N	NORTH	STD	STANDARD
CEM	FHC	FIRE HOSE CABINET	NIC	NOT IN CONTRACT	STL	STEEL
CEP	FIN	FINISH	NO OR #	NUMBER	STOR	STORAGE
CFCI	FLR	FLOOR	NOM	NOMINAL	STRUCT	STRUCTURAL
CG	FLASH	FLASHING	NTS	NOT TO SCALE	ST ST	STAINLESS STEEL
CHAI	FLUOR	FLUORESCENT	OA	OVERALL	SUSP	SUSPENDED
CI	FOC	FACE OF CONCRETE	OC	ON CENTER	SY	SQUARE YARD
CLG	FOS	FACE OF STUDS	OD	OUTSIDE DIAMETER	TB	TOWEL BAR
CLKG	FPP	FIREPROOF	OFD	OVERFLOW DRAIN	TC	TOP OF CURB
CLO	F/R	FIRE RETARDANT	OFF	OFFICE	TEL	TELEPHONE
CLP	FS	FULL SIZE	OFOI	OWNER FURNISHED OWNER INSTALLED	TER	TERRAZZO
CNTR	FSP	FLEXIBLE SHEET ROOFING	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	T&G	TONGUE & GROOVE
CO	FT	FOOT OR FEET	OPNG	OPENING	THK	THICK
COL	FTG	FOOTING	OPP	OPPOSITE	TOC	TOP OF CONCRETE
CONC	FURR	FURRING	PL	PLATE	TOD	TOP OF DECK
CONN	FUT	FUTURE	PLAM	PLASTIC LAMINATE	TP	TOP OF PAVEMENT
CONSTR	GA	GAUGE	PLAS	PLASTER	TPD	TOILET PAPER DISPENSER
CONT	GALV	GALVANIZED	PR	PAIR	TRD	TREAD
CORR	GB	GRAB BAR	PRCST	PRE-CAST	TRTD	TREATED
CPT	GBD	GYPSUM BOARD	PT	PAINT	TV	TELEVISION
CT	GL	GLASS	PTD	PAPER TOWEL DISPENSER	TW	TOP OF WALL
CTP	GP	GRADE	PTN	PARTITION	TYP	TYPICAL
CTSY	GYP	GYPSUM	PTRTD	PRESSURE TREATED	UL	UNDERWRITER LABORATORY
DBL	H	HIGH	PVC	POLYVINYL CHLORIDE	UNF	UNFINISHED
DEPT	HB	HOSE BIBB	PWD	PLYWOOD	UON	UNLESS OTHERWISE NOTED
DF	HC	HOLLOW CORE	QT	QUARRY TILE	UR	URINAL
DET	HDWD	HARDWOOD	P	RISER	VERT	VERTICAL
DIA	HDWP	HARDWARE	RAD	RADIUS	VEST	VESTIBULE
DIM	H/M	HOLLOW METAL	RD	ROOF DRAIN	W	WIDE
DISP	HORIZ	HORIZONTAL	REF	REFERENCE	W/	WITH
DI	HP	HOUR	REFR	REFRIGERATOR	WC	WATER CLOSET
DC	HT	HEIGHT	REINF	REINFORCED	WD	WOOD
DP	HW	HOT WATER	REQ	REQUIRED	W/O	WITHOUT
DS			RESIL	RESILIENT	WP	WATERPROOF
DSP					WSCT	WAINSCOT
DWG					WR	WASTE RECEPTACLE
DWR						

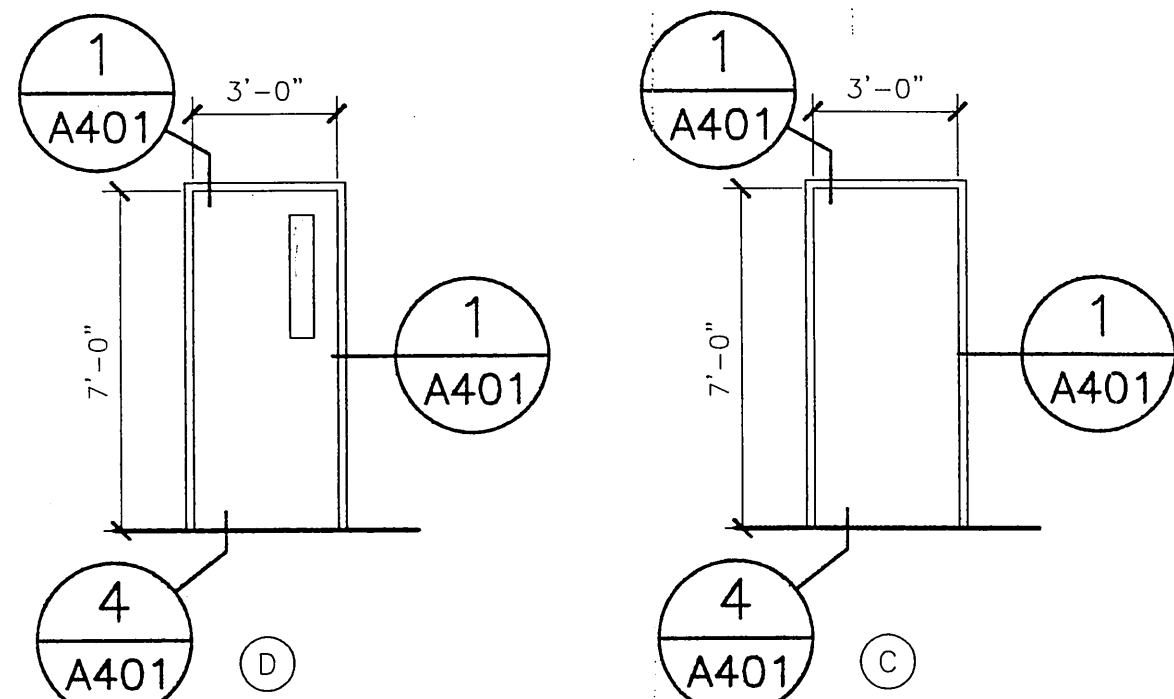
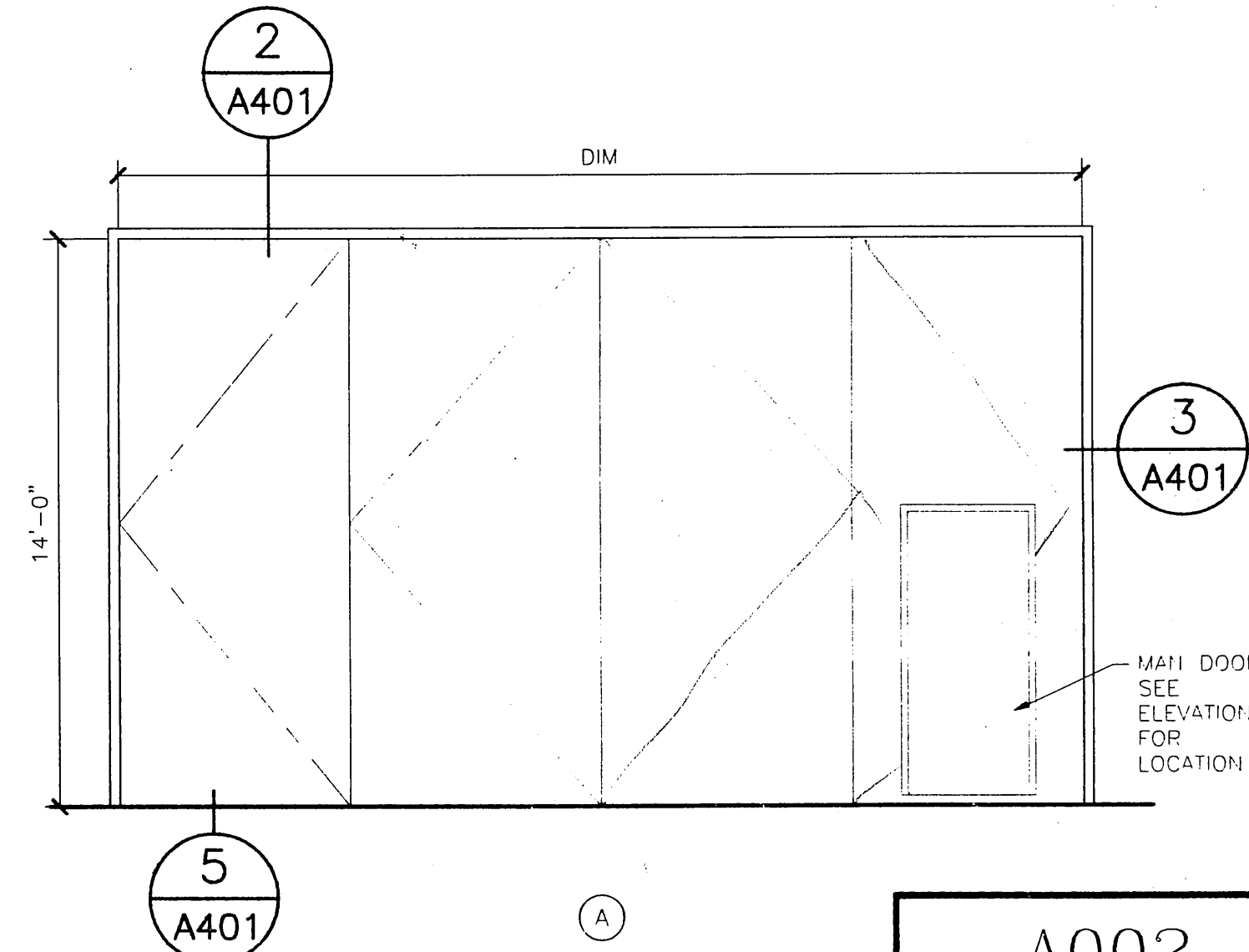
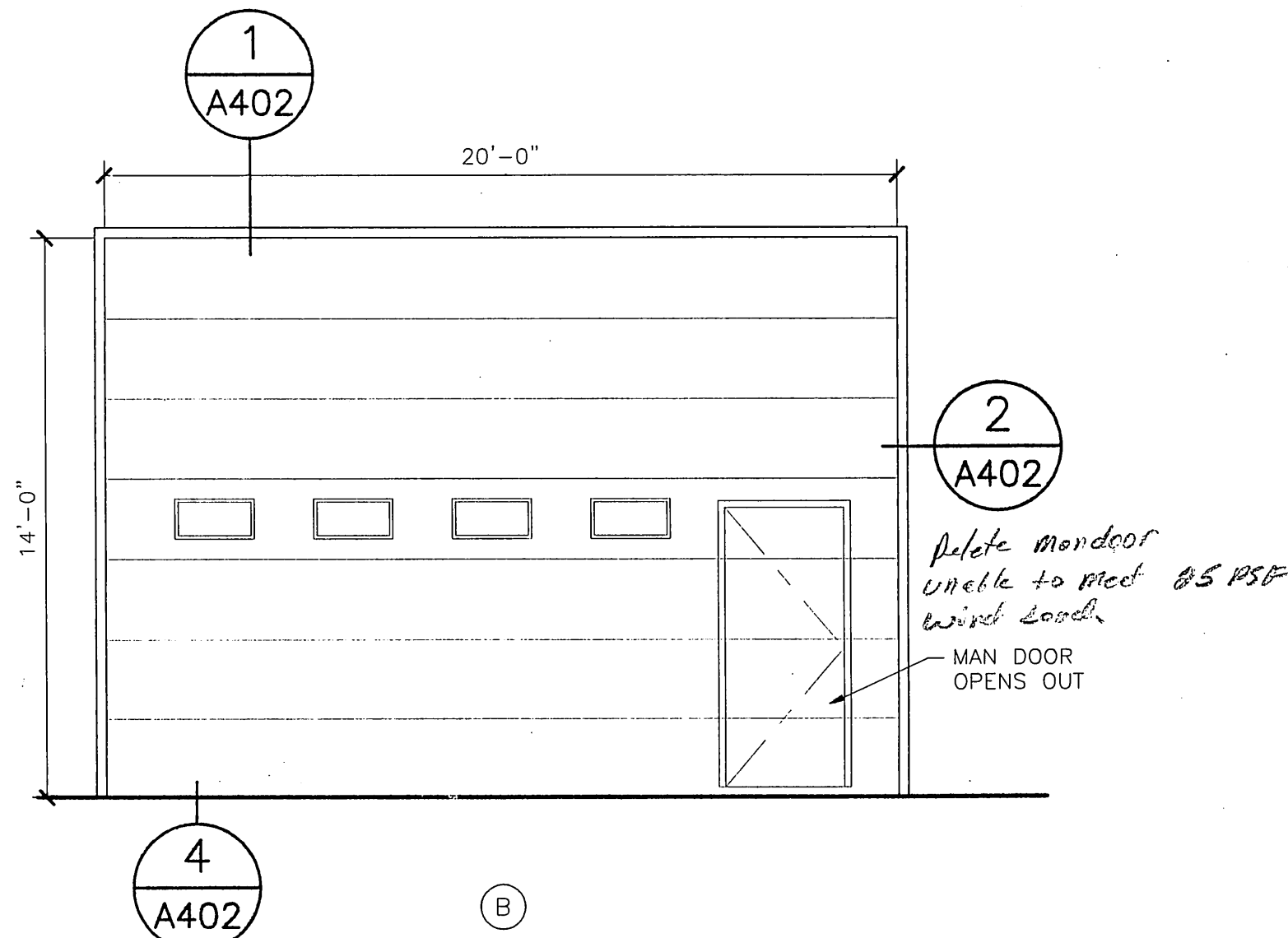
LEGEND



DOOR SCHEDULE

NO.	TYPE	SIZE	DOOR MAT	DOOR FIN	FRAME MAT	FRAME FIN	REMARKS
110A	A	20'-0"	GALV STL	PT			BI FOLD
110B	C	AS SHOWN	HM	PT	HM	PT	As per door schedule
111A	B	AS SHOWN					OVERHEAD SECTIONAL
113A	A	24'-0"	GALV STL	PT			BI FOLD
113B	A	24'-0"	GALV STL	PT			BI FOLD
113C	A	24'-0"	GALV STL	PT			BI FOLD
113D	A	24'-0"	GALV STL	PT			BI FOLD
113E	D	AS SHOWN	HM	PT	HM	PT	SITE VERIFY ROUGH OPENING
113F	D	AS SHOWN	HM	PT	HM	PT	SITE VERIFY ROUGH OPENING

DOOR TYPES



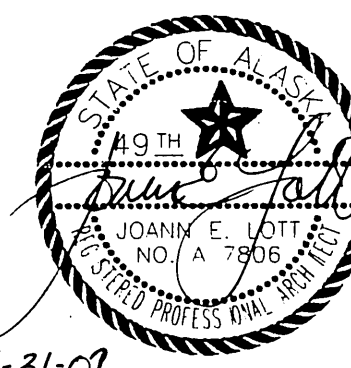
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SOUTHEAST REGION

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SAND & CHEMICAL STORAGE BUILDING ADDITION

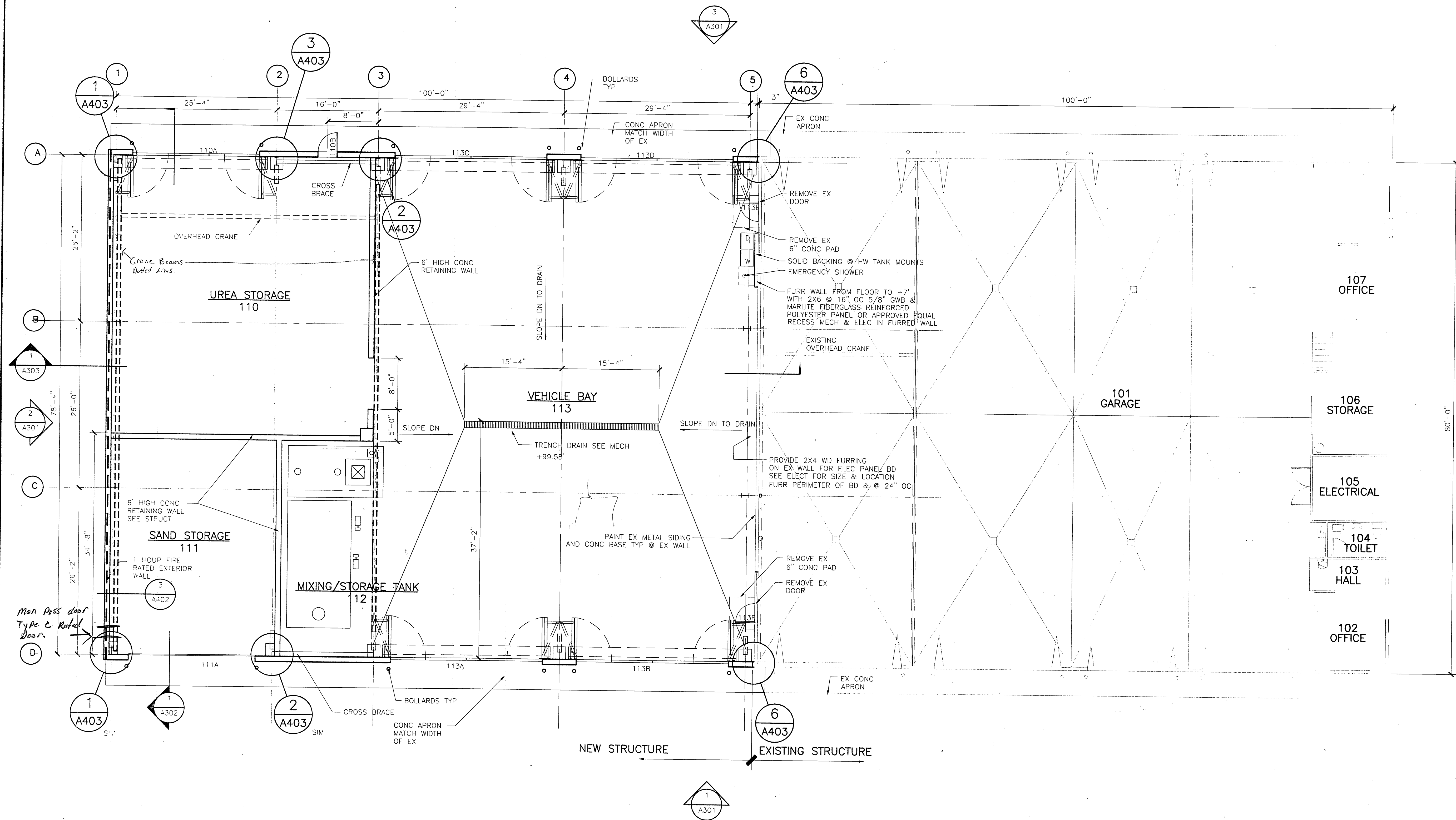
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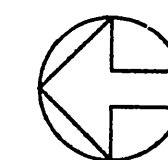
Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbaltott.com



1 FLOOR PLAN

SCALE: 0 4' 8' 16'



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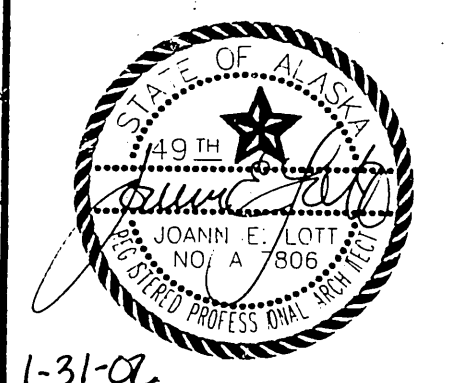
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A201

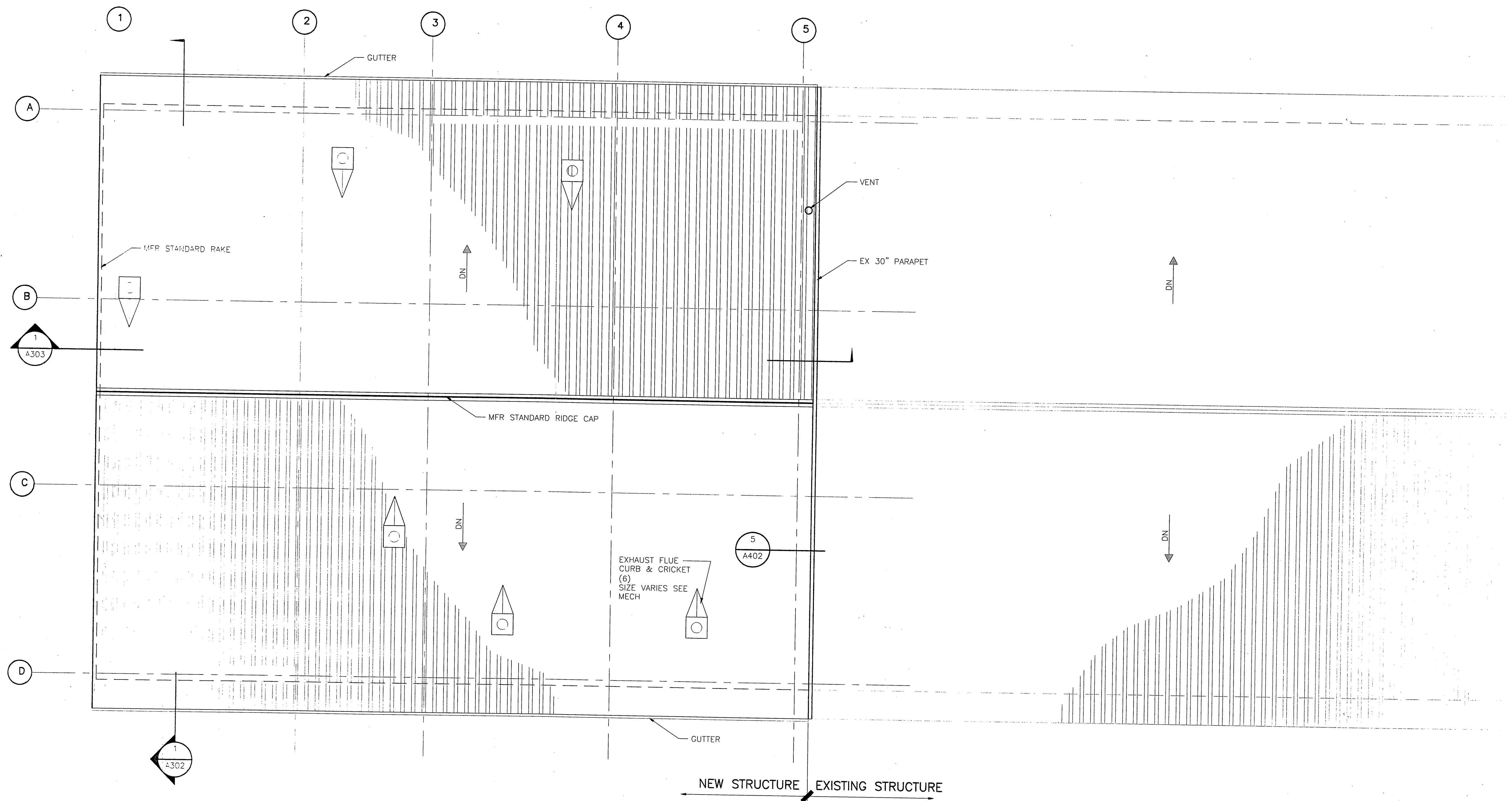
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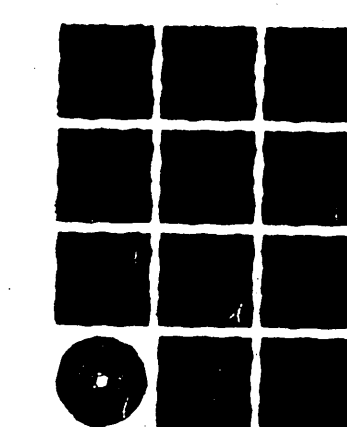
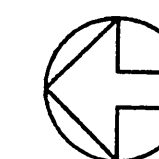
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fax 907-586-3959
jensenyorbalott.com

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1 ROOF PLAN

SCALE: 0 4' 8' 16'



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A202

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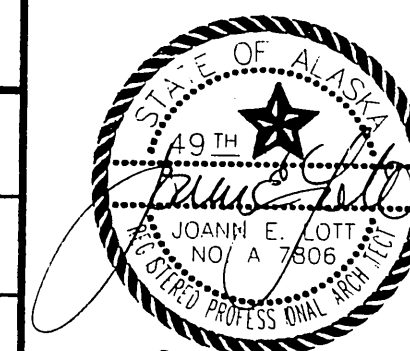
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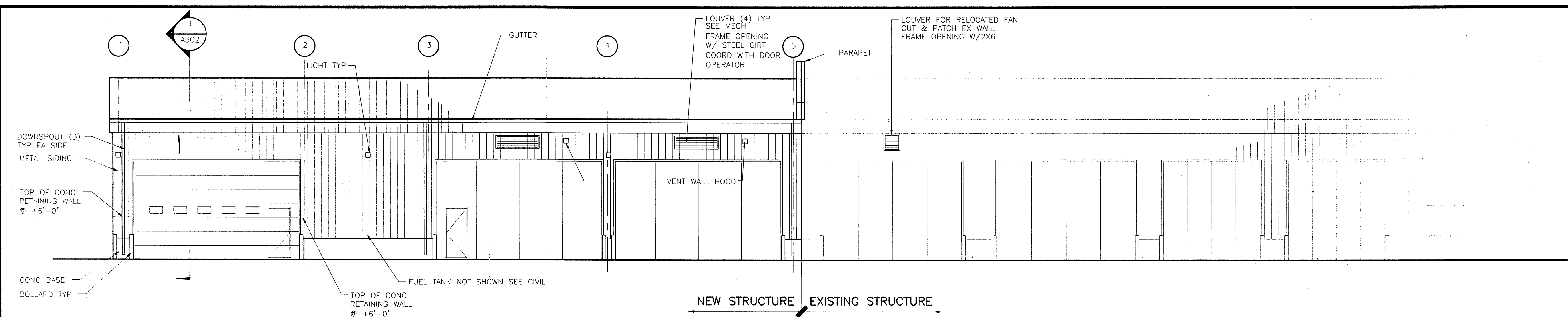
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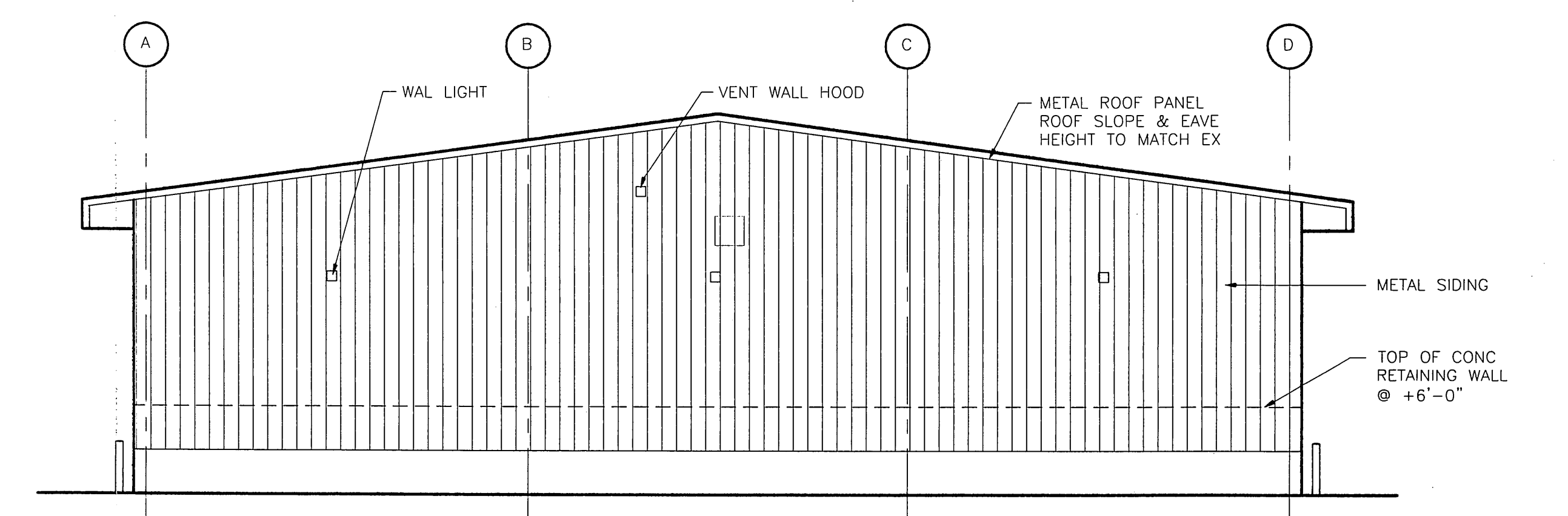
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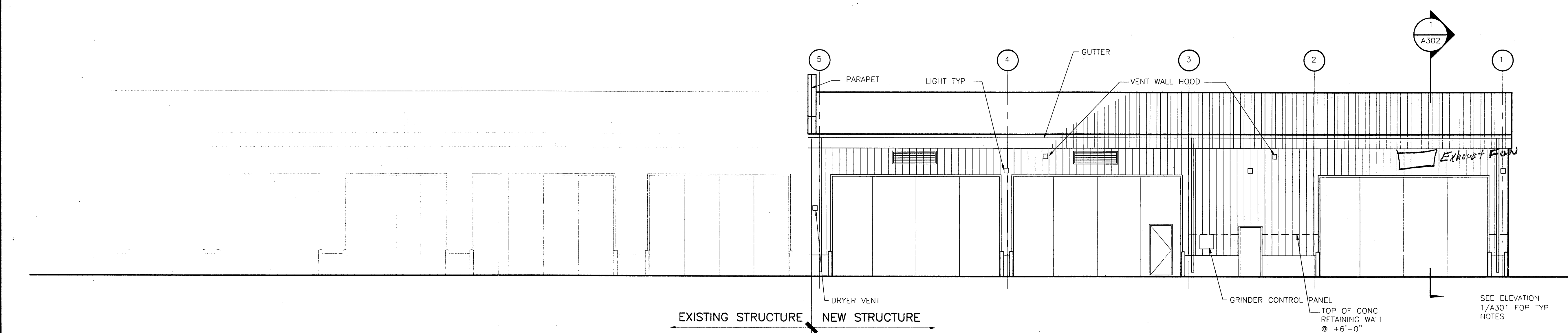




1 EXTERIOR ELEVATION



2 EXTERIOR ELEVATION



3 EXTERIOR ELEVATION

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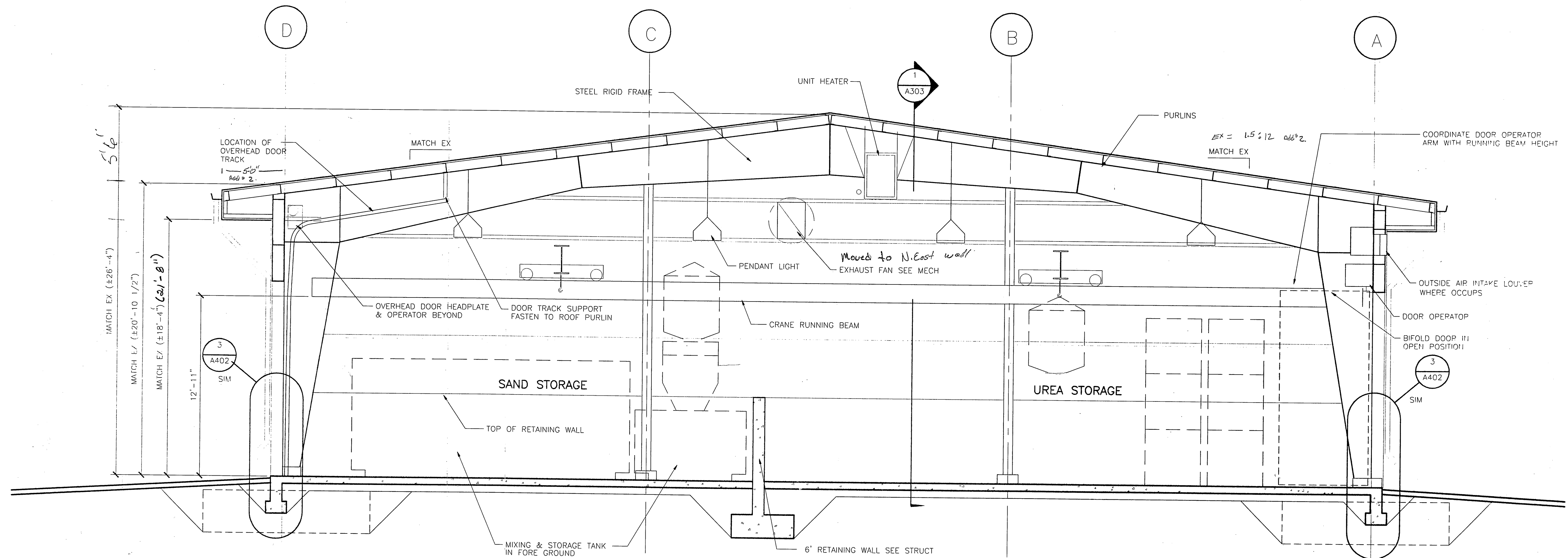
Jensen Yorba Lott Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
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jensenyorbalott.com

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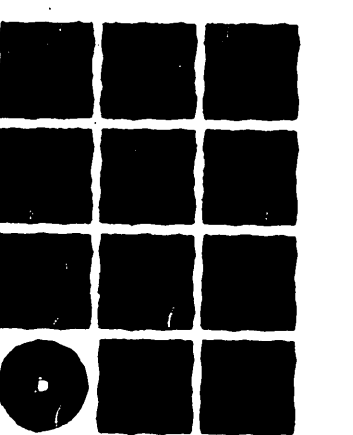
A301

1-31-01



1 BUILDING SECTION

SCALE: 0 2' 4' 8'



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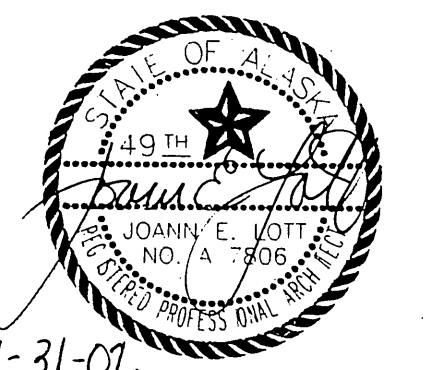
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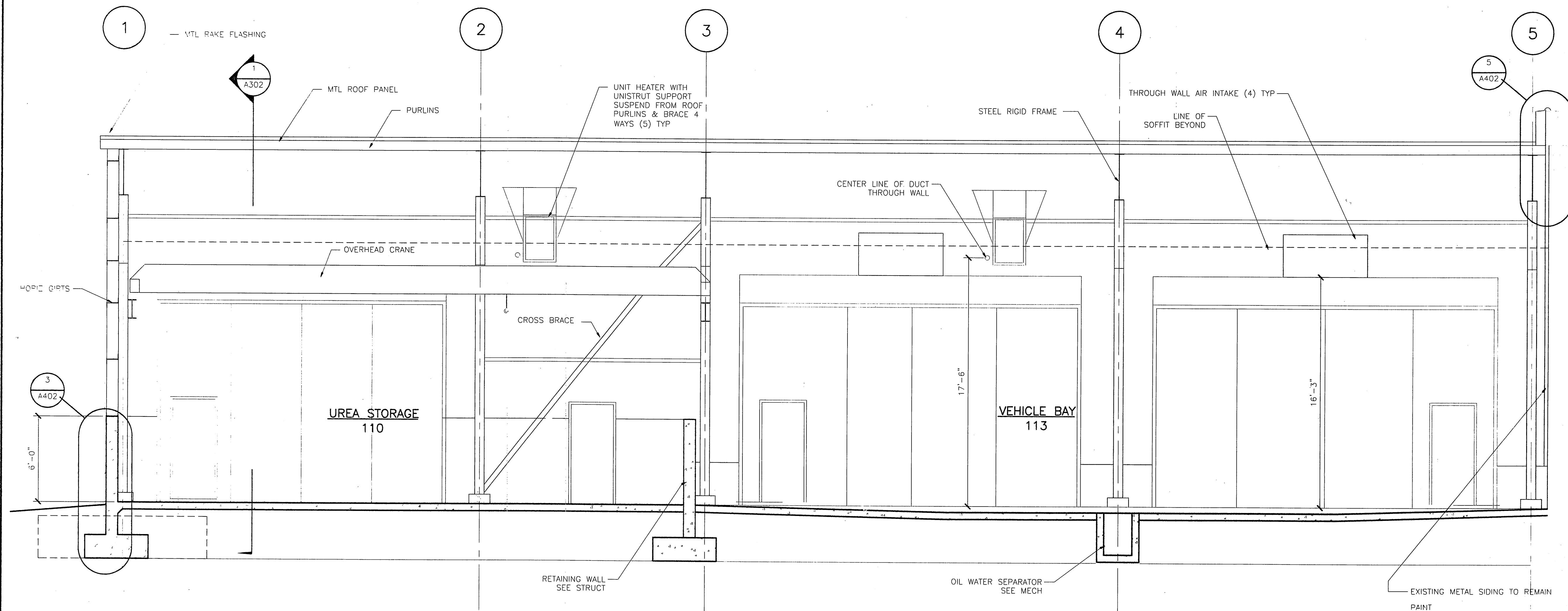
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SAND & CHEMICAL STORAGE BUILDING ADDITION

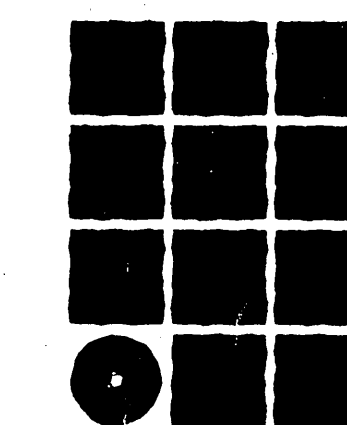
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1 BUILDING SECTION

SCALE: 0 2' 4' 8'



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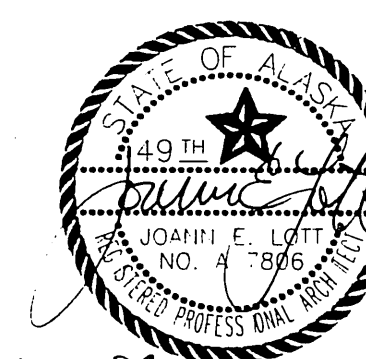
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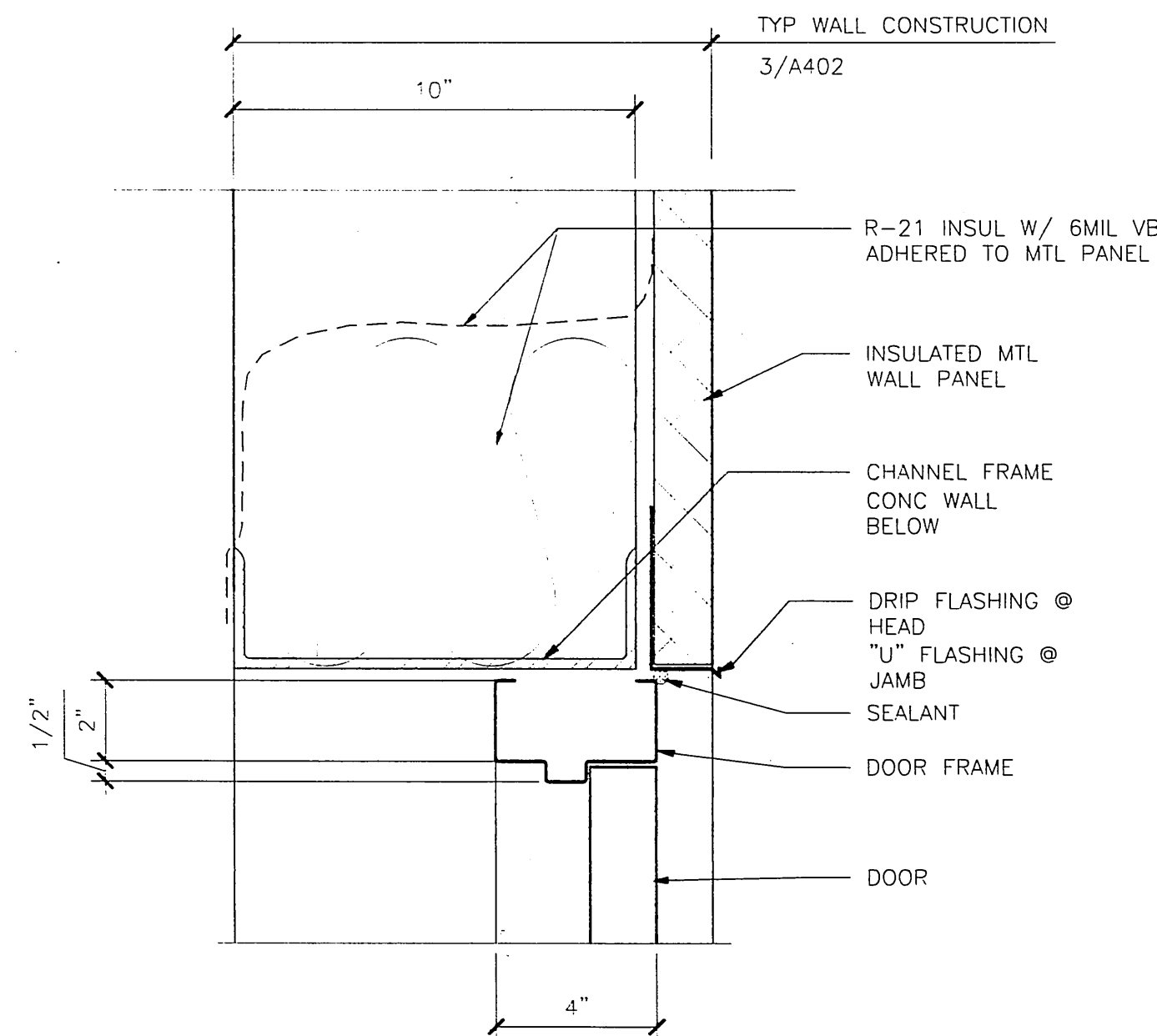
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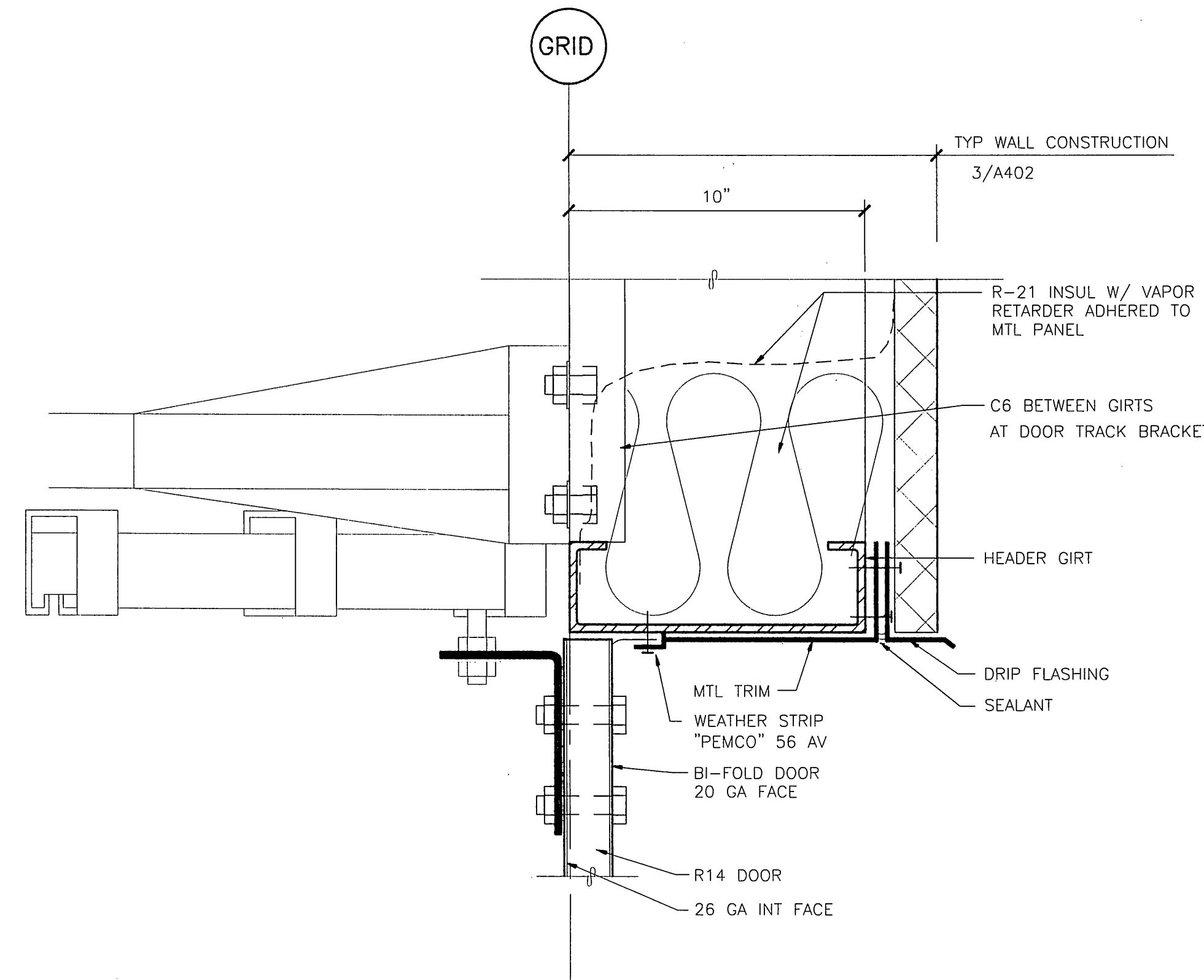
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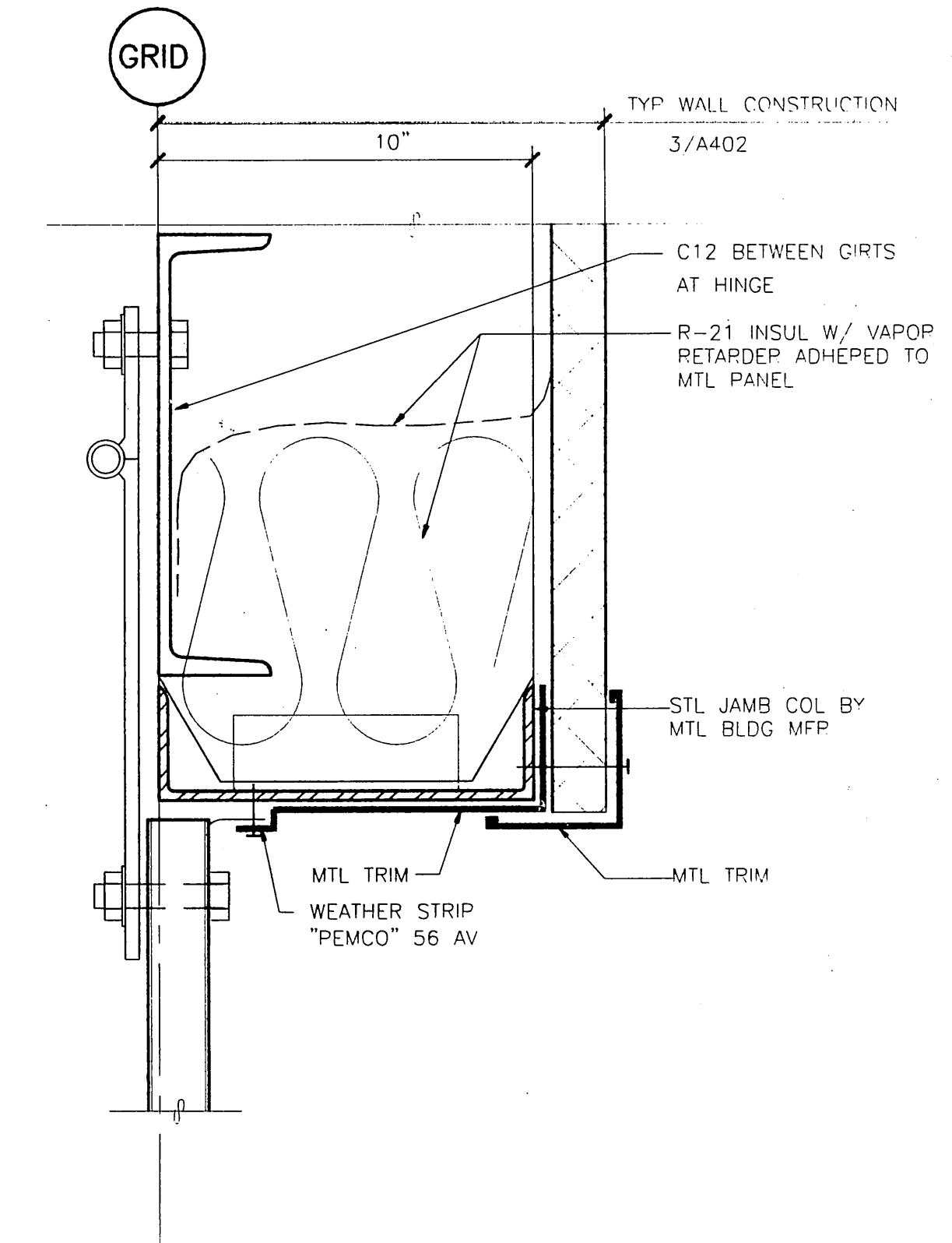




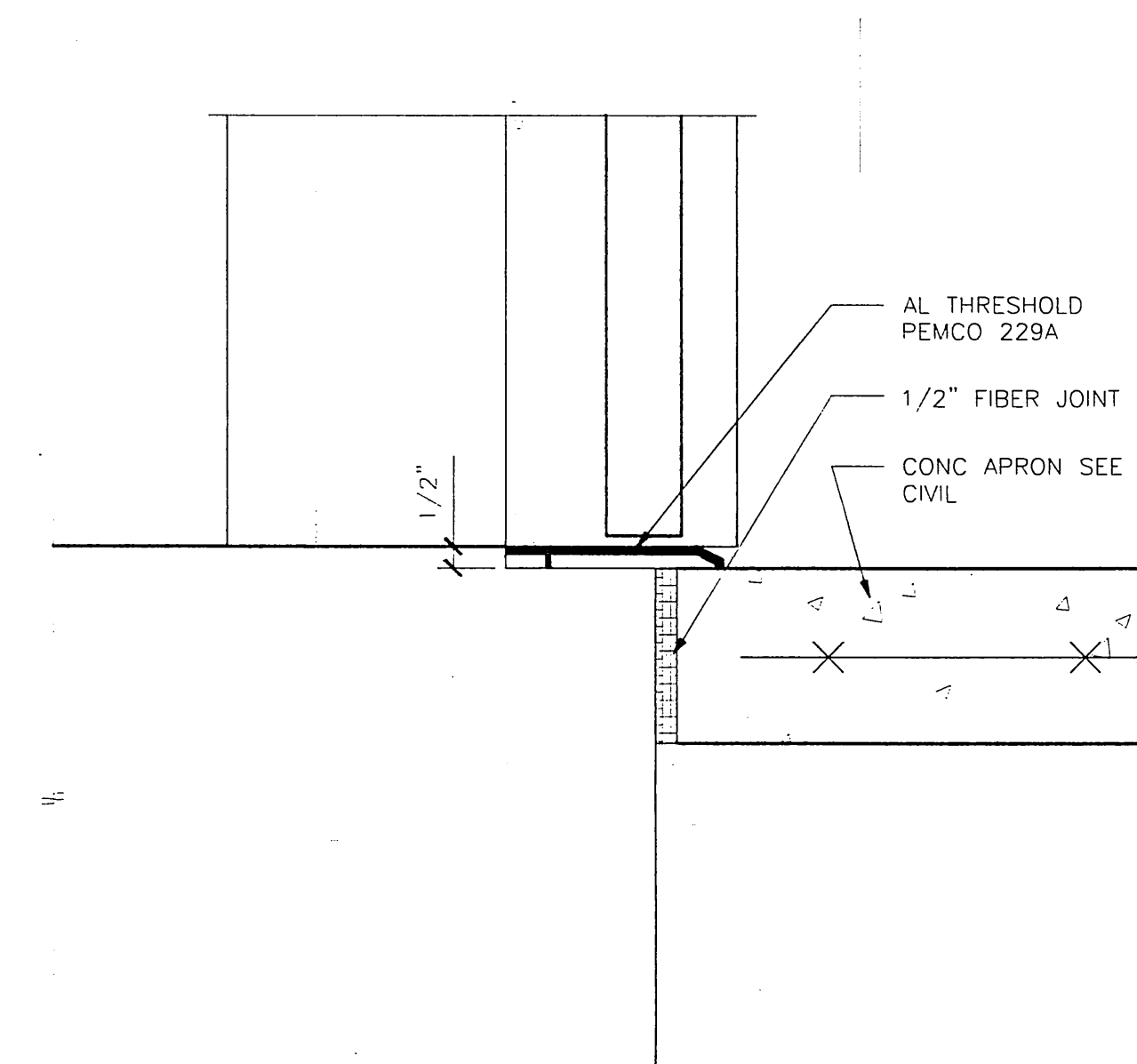
1 DOOR HEAD/JAMB
0028/A401 SCALE: 0 3" 6" 1"



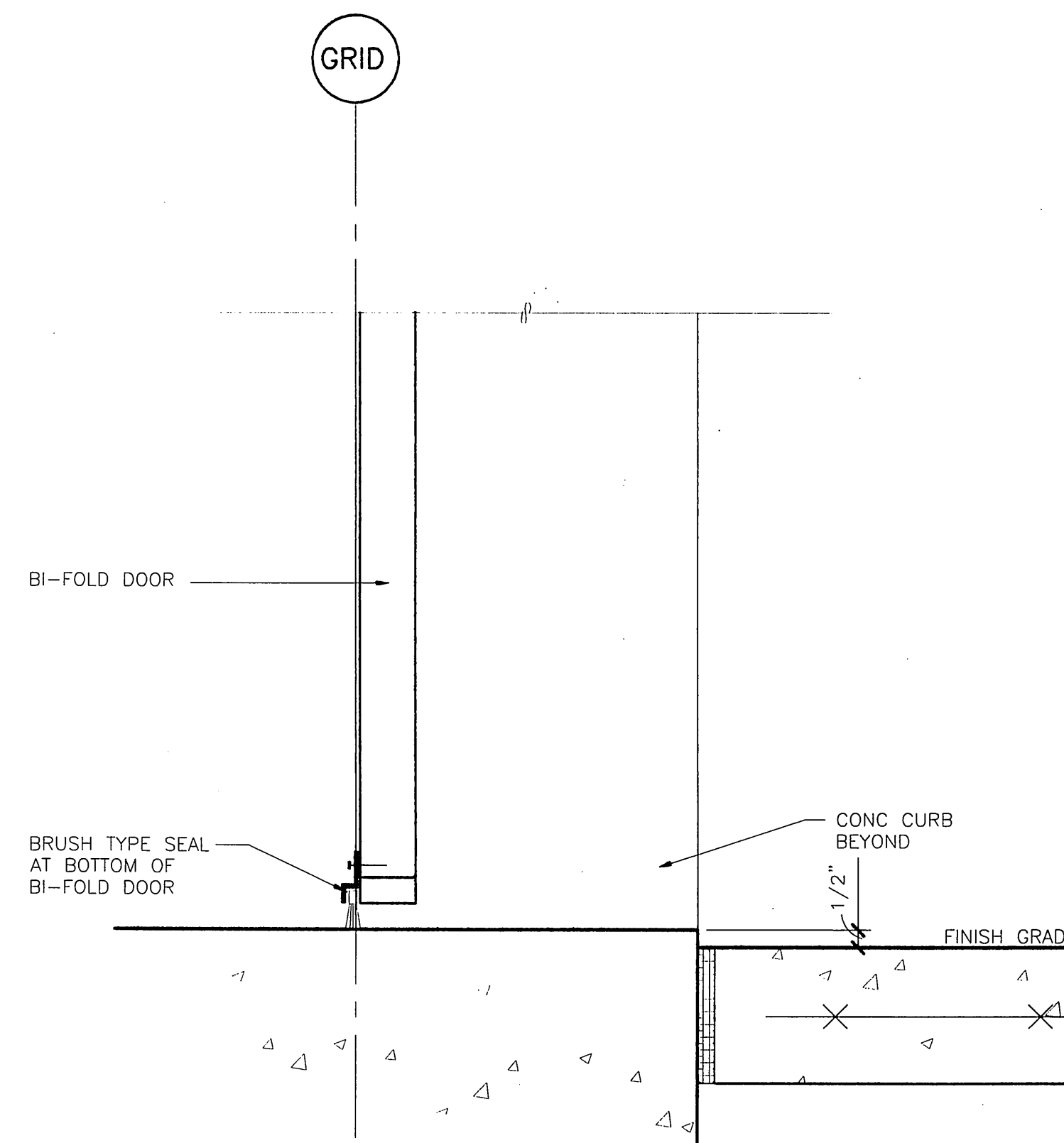
2 BI-FOLD DOOR HEAD
0028/A401 SCALE: 0 3" 6" 1"



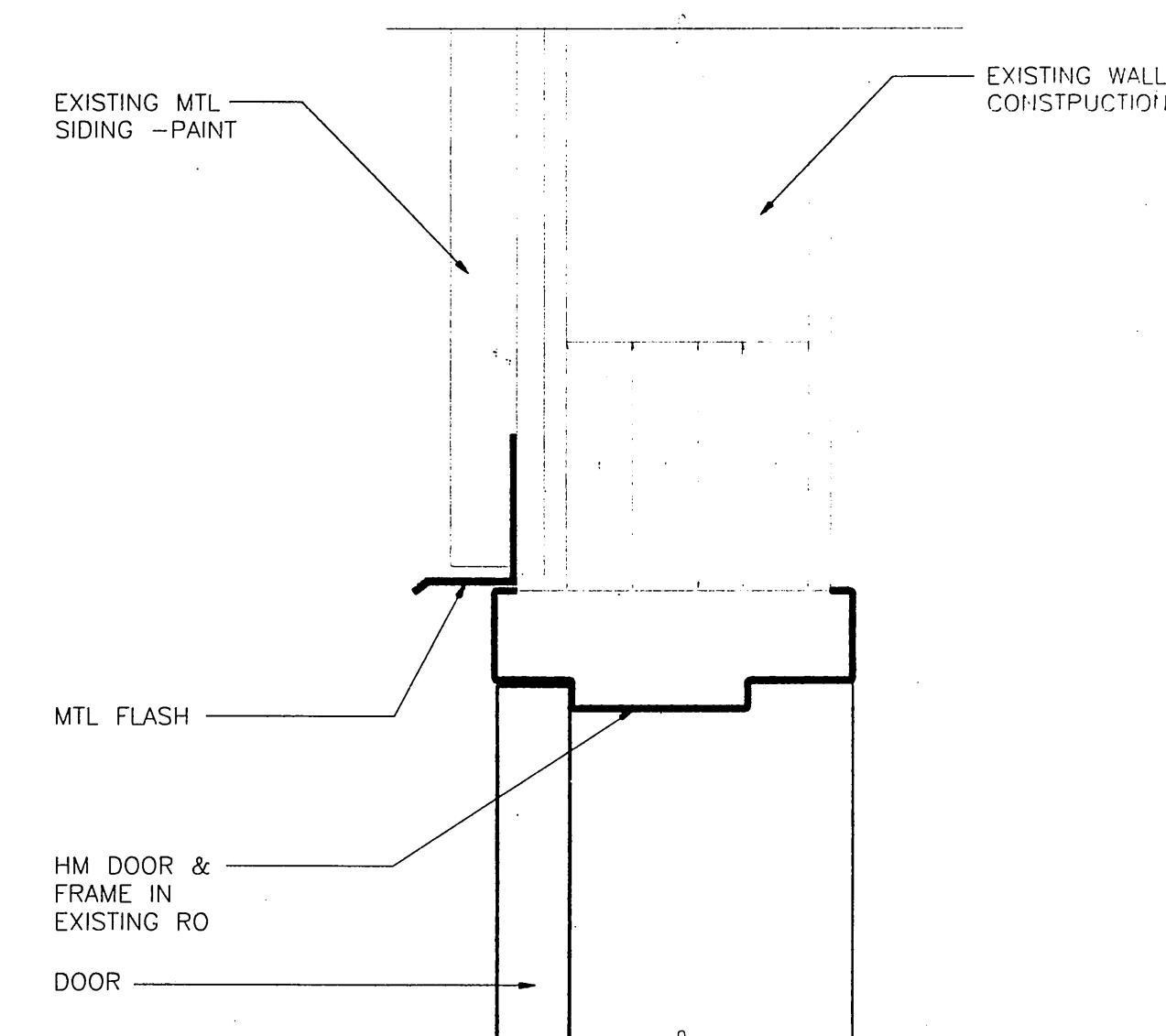
3 BI-FOLD DOOR JAMB
0028/A401 SCALE: 0 3" 6" 1"



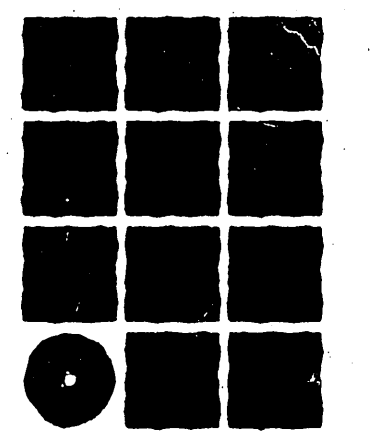
4 DOOR THRESH
0028/A401 SCALE: 0 3" 6" 1"



5 BI-FOLD DOOR THRESH
0028/A401 SCALE: 0 3" 6" 1"



6 INTERIOR DOOR HEAD/JAMB
0028/A401 SCALE: 0 3" 6" 1"



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A401

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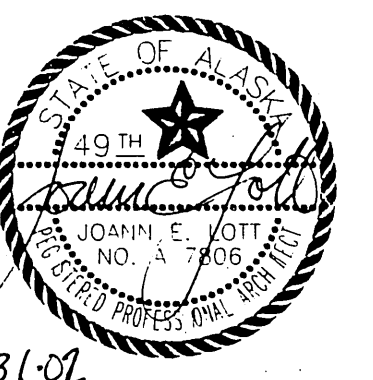
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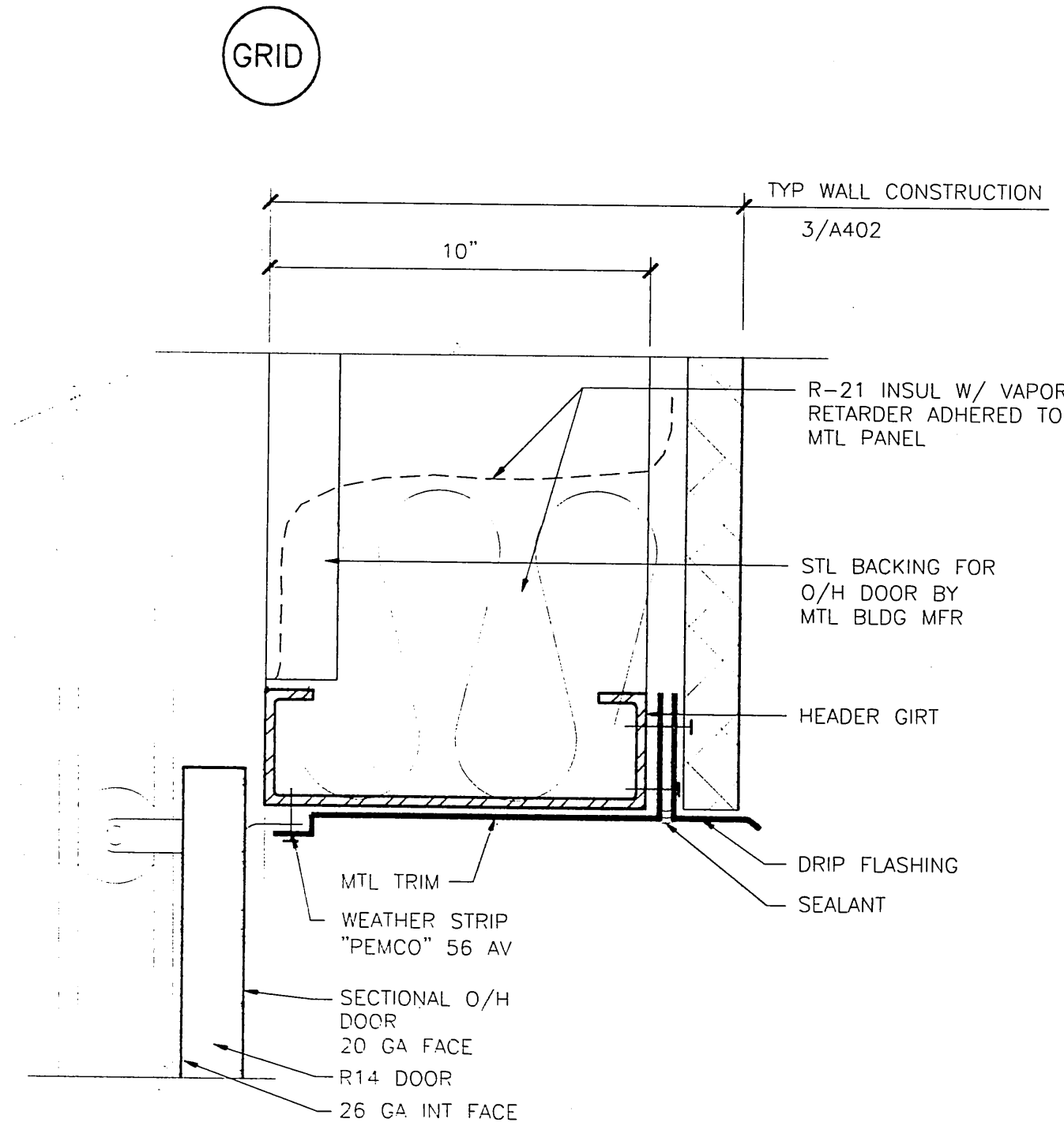
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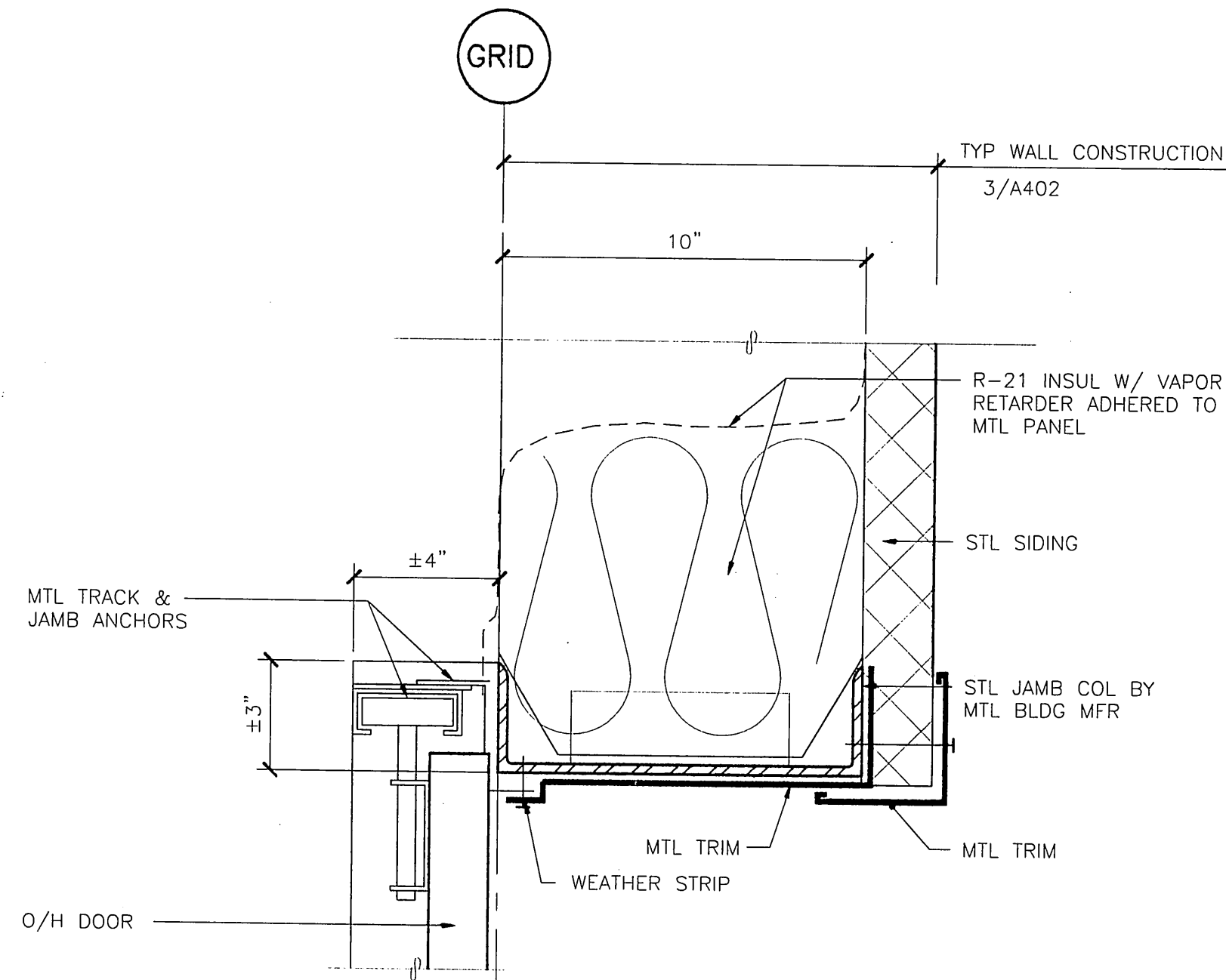
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1 SECTIONAL DOOR HEAD

A402

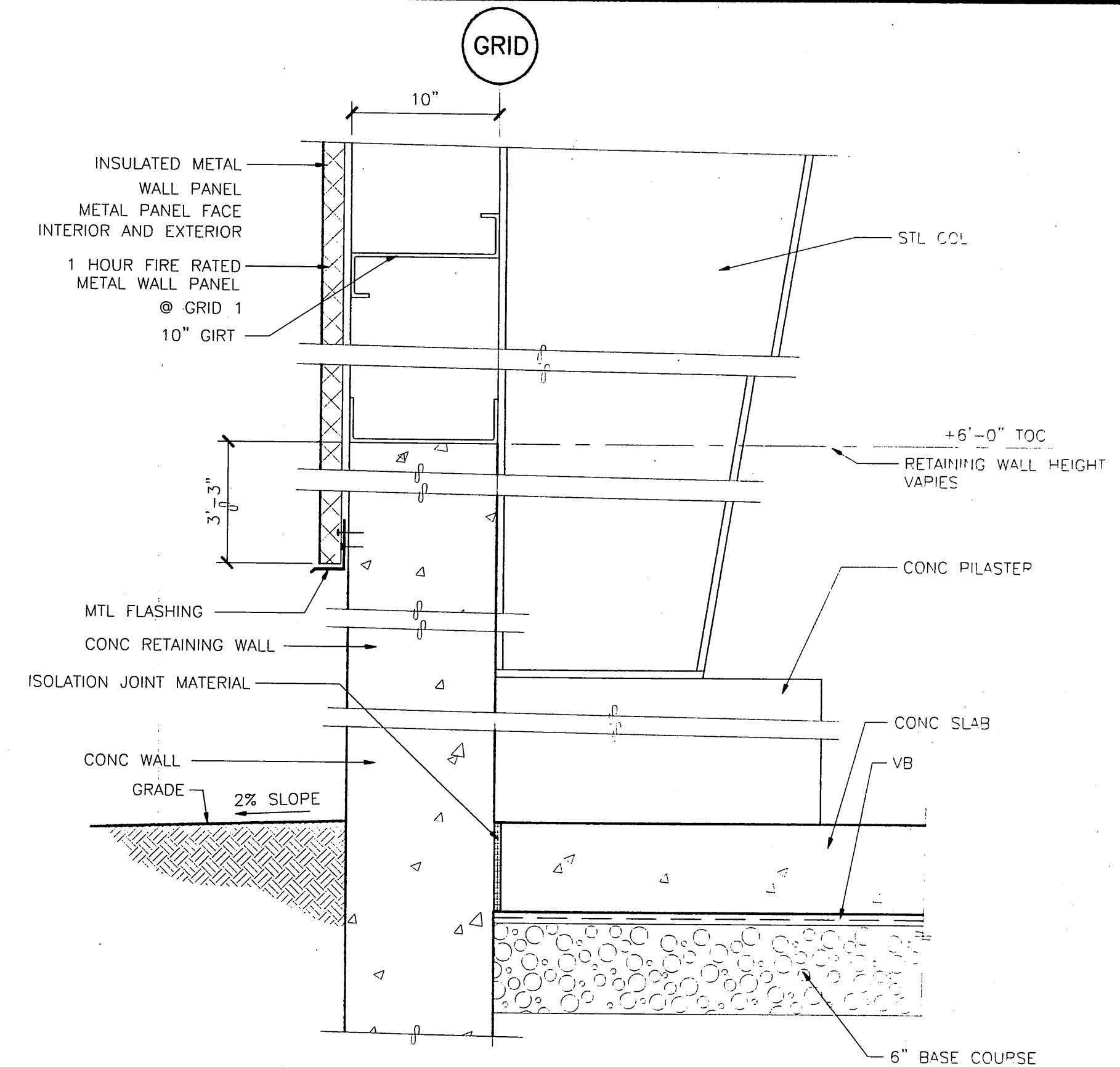
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2 SECTIONAL DOOR JAMB

A402

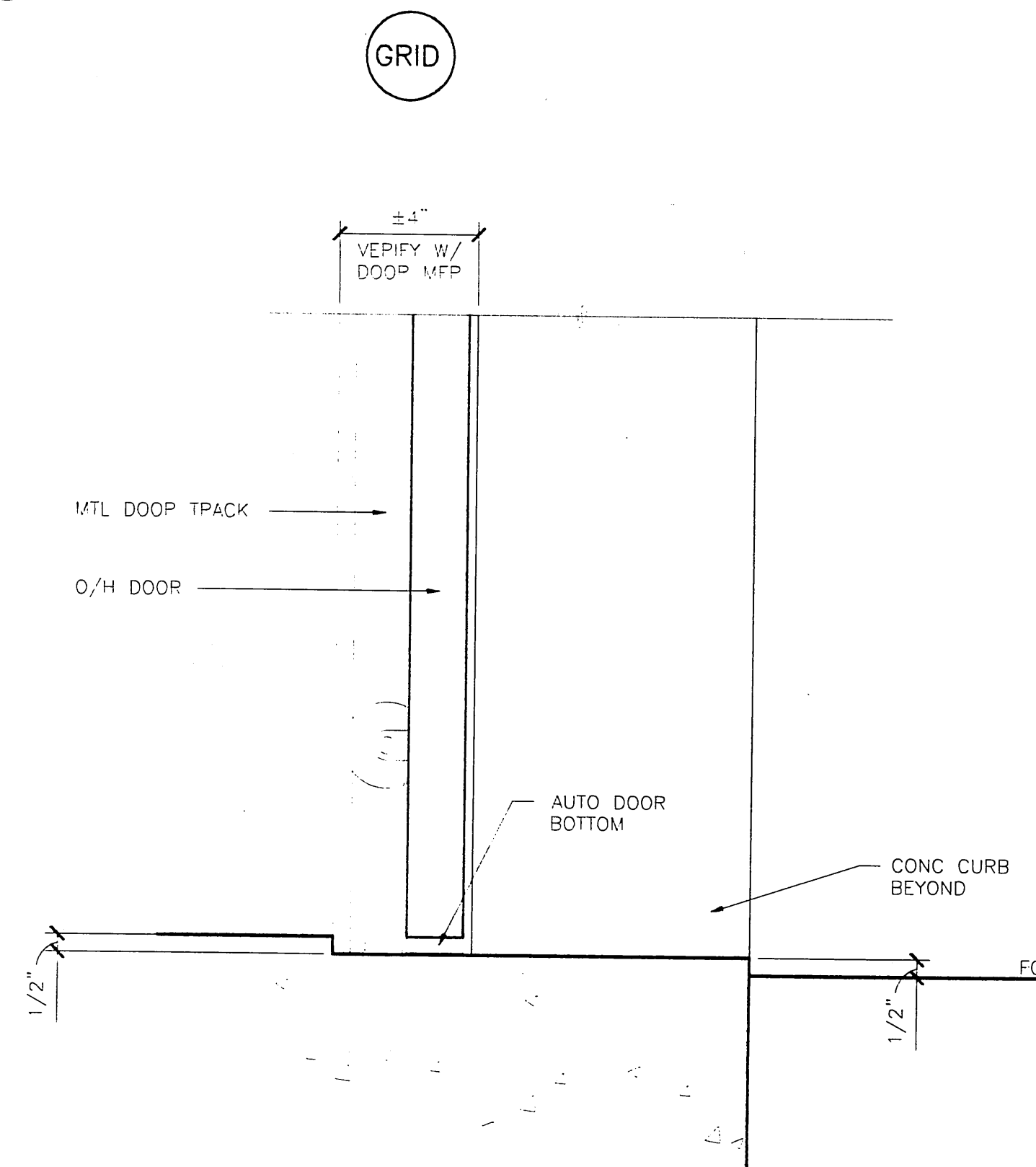
SCALE: 0 3" 6" 1'



3 CONC RETAINING WALL @ EXT WALL

A402

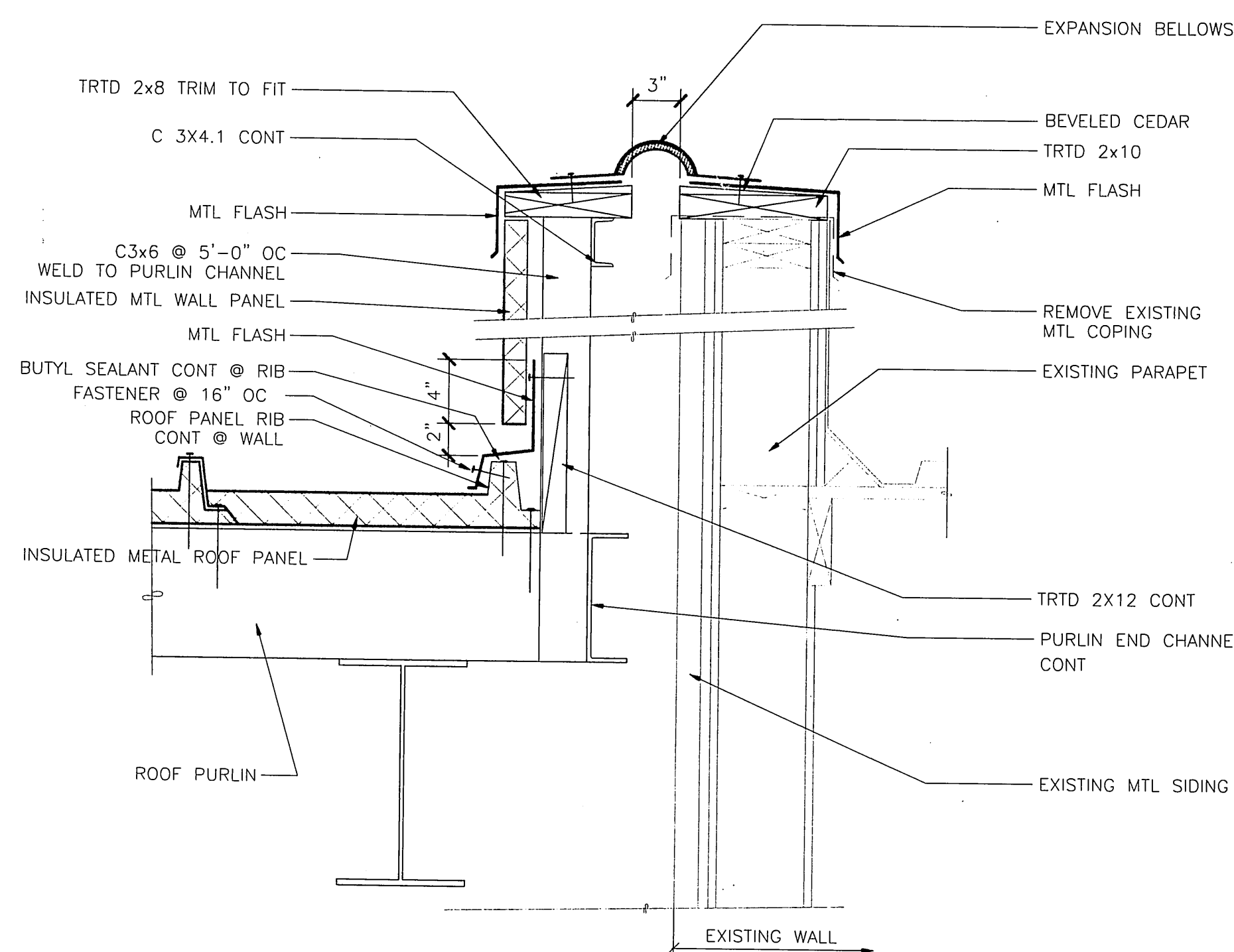
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4 SECTIONAL DOOR SILL

A402

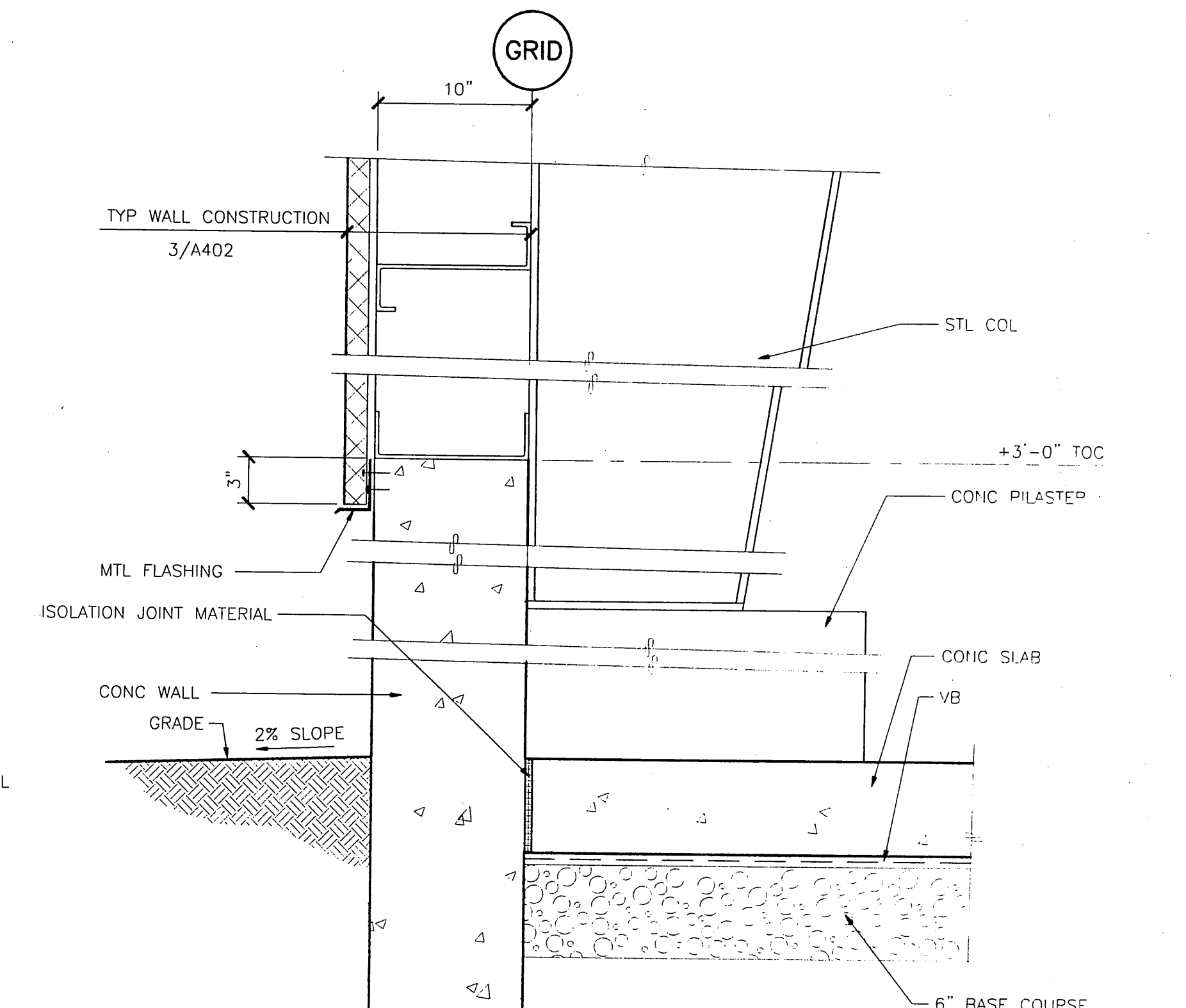
SCALE: 0 3" 6" 1'



5 EXPANSION JOINT @ PARAPET

A403

SCALE: 0 6" 1' 2'



6 CONC STEMWALL @ EXT WALL

A402

SCALE: 0 6" 1' 2'

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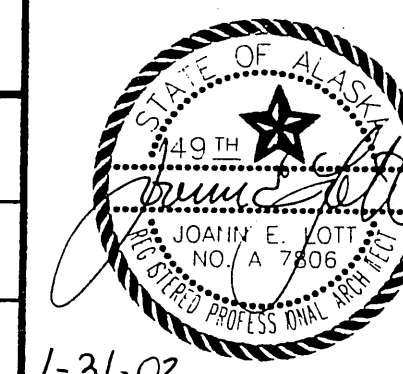
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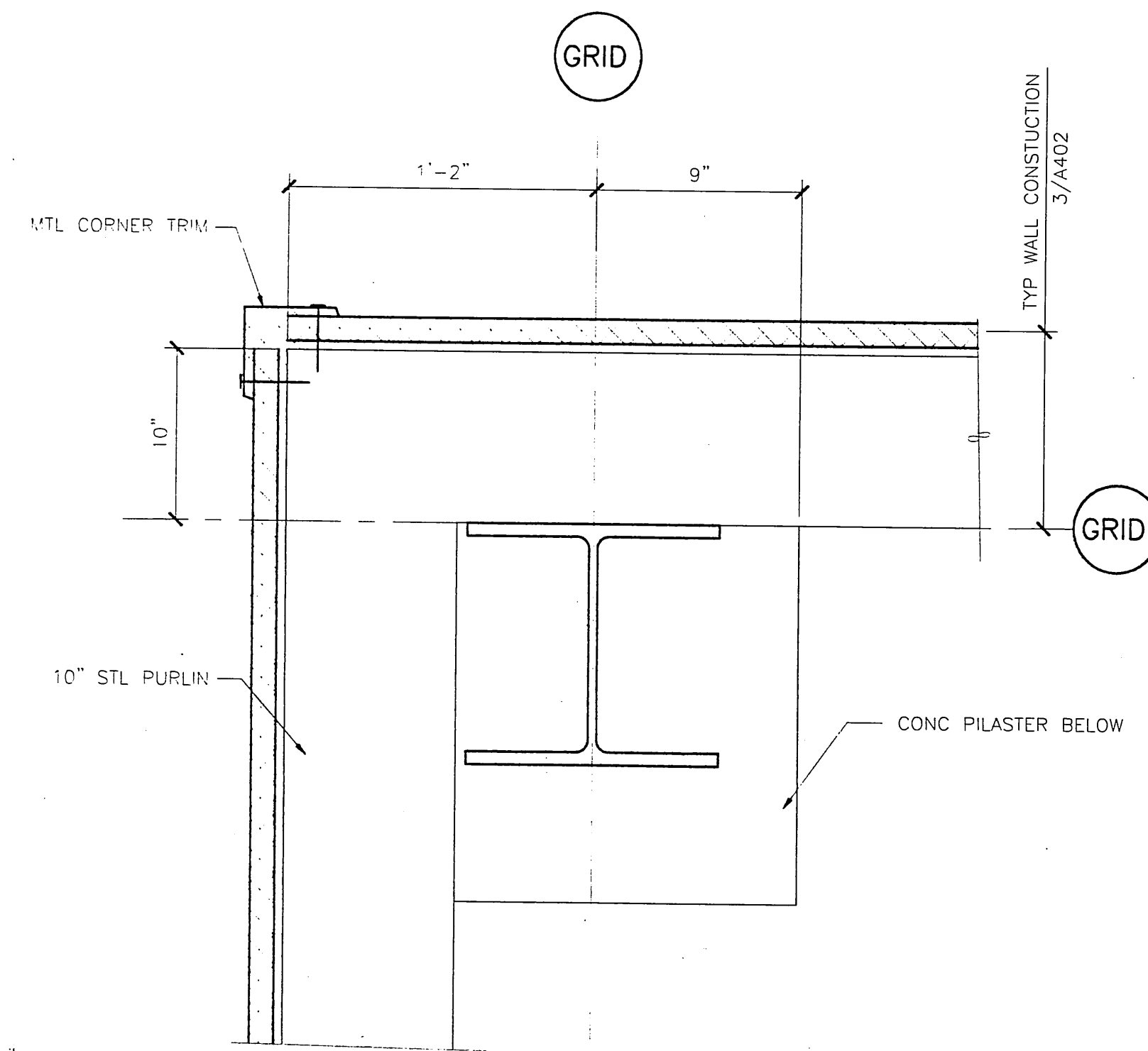
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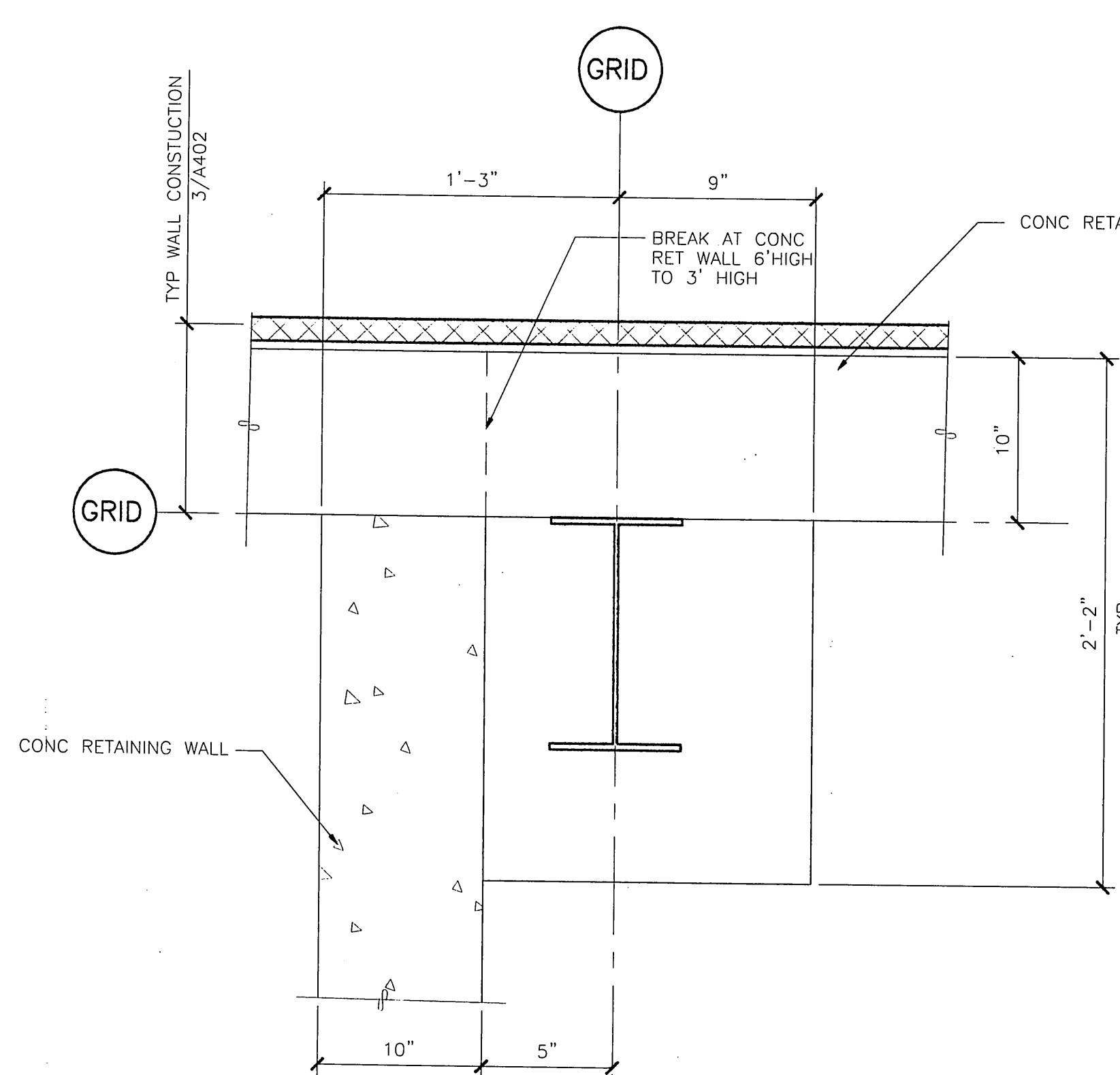
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Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
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1 PLAN @ CORNER

A403

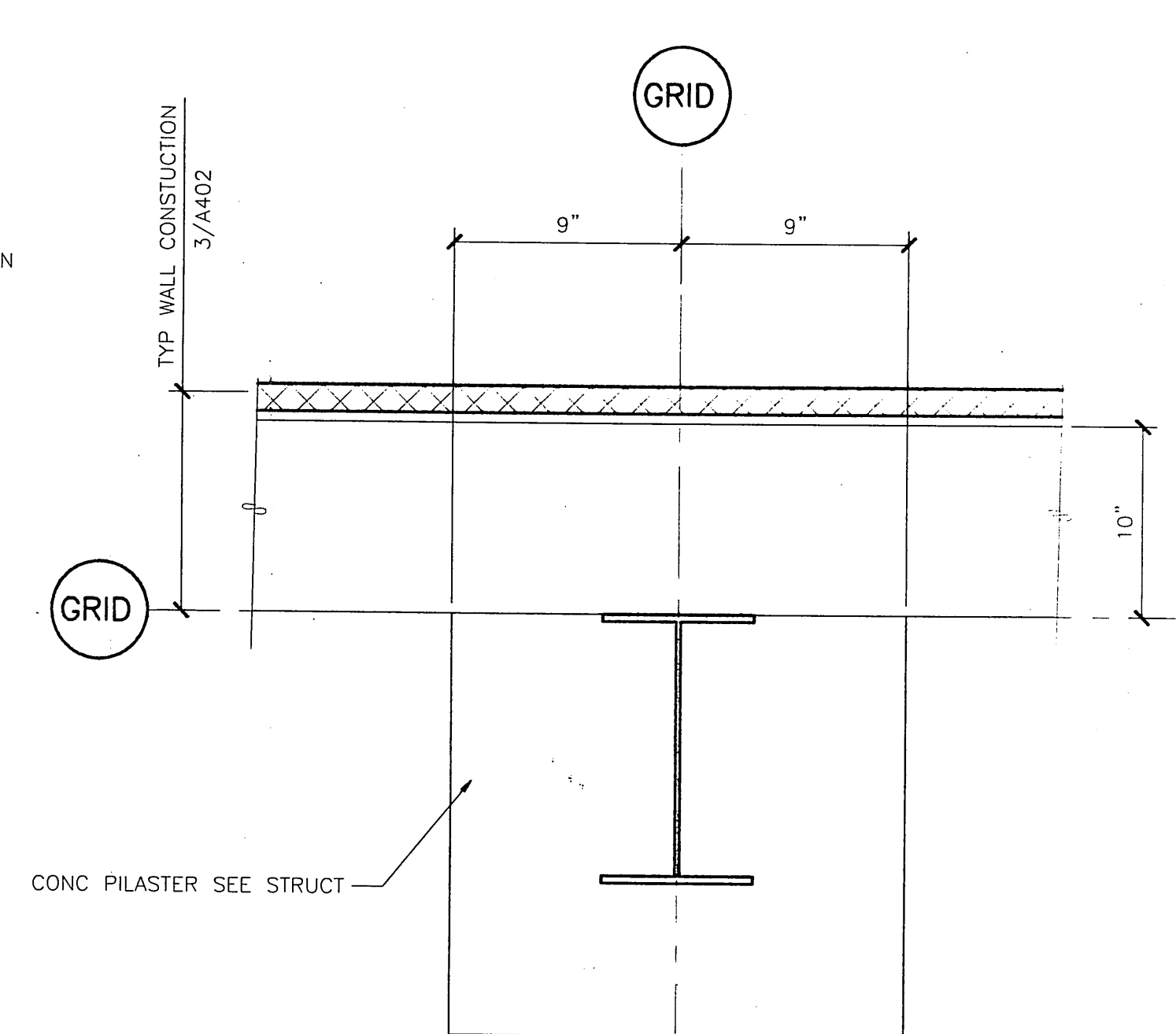
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2 COL @ CONC PILASTER & CONC RETAINING WALL

A403

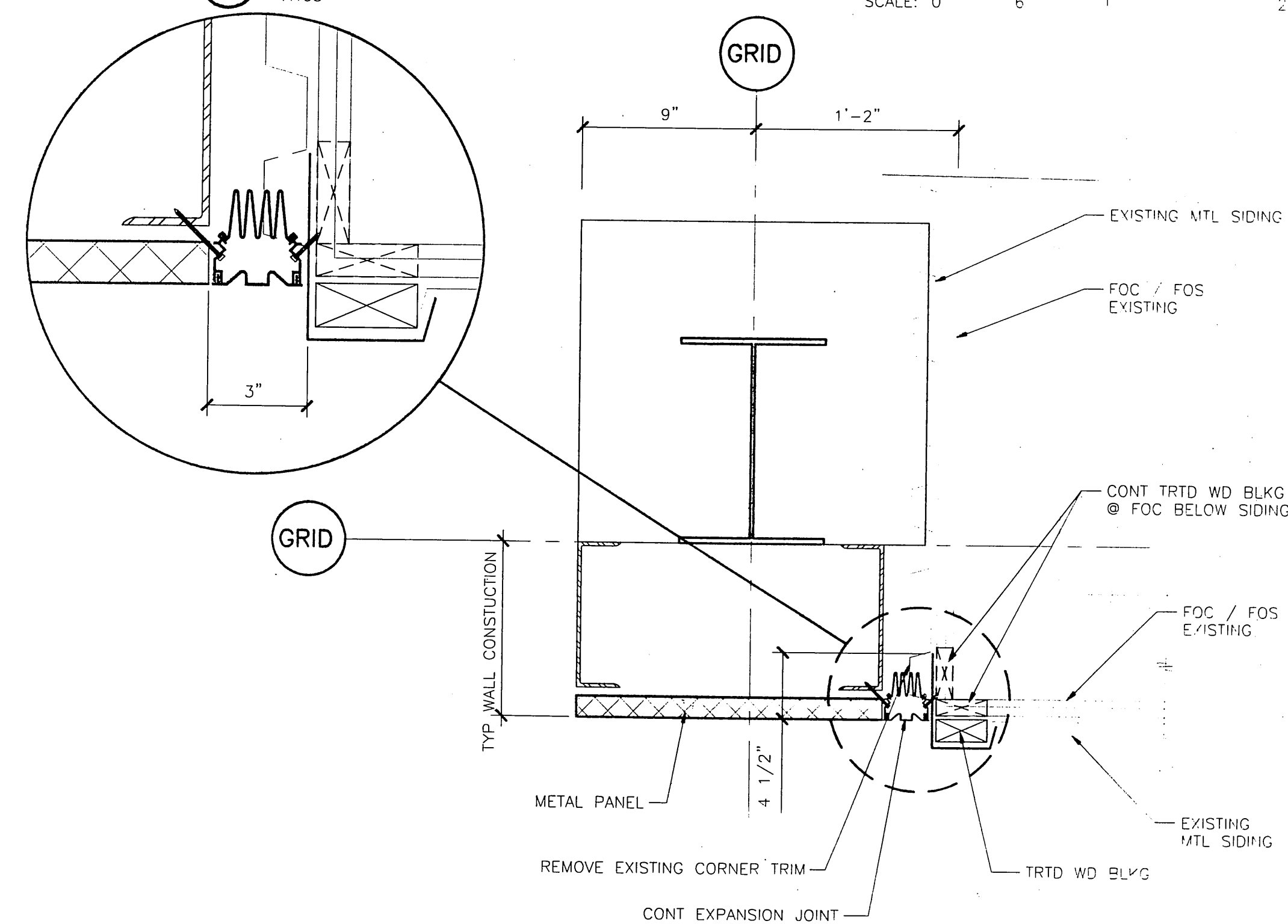
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3 COL @ CONC PILASTER TYP

A403

SCALE: 0 6" 1' 2'



6 EXPANSION JOINT

A403

SCALE: 0 6" 1' 2'

RECORD OF REVISIONS		
BY:	DATE:	DESCRIPTION OF CHANGE:

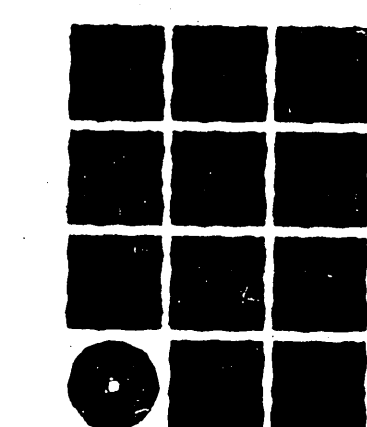
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY:
DRAWN BY:
CHECKED BY:

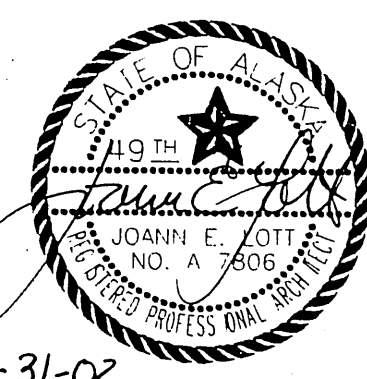
A403
PROJECT NO. 67507
AIP 3-02-0268-1402
DATE:
NOVEMBER 30, 2001
SHEET 10 OF 27

NOTE:
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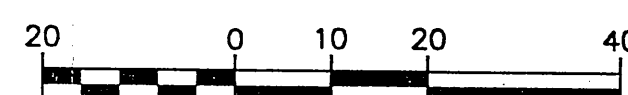
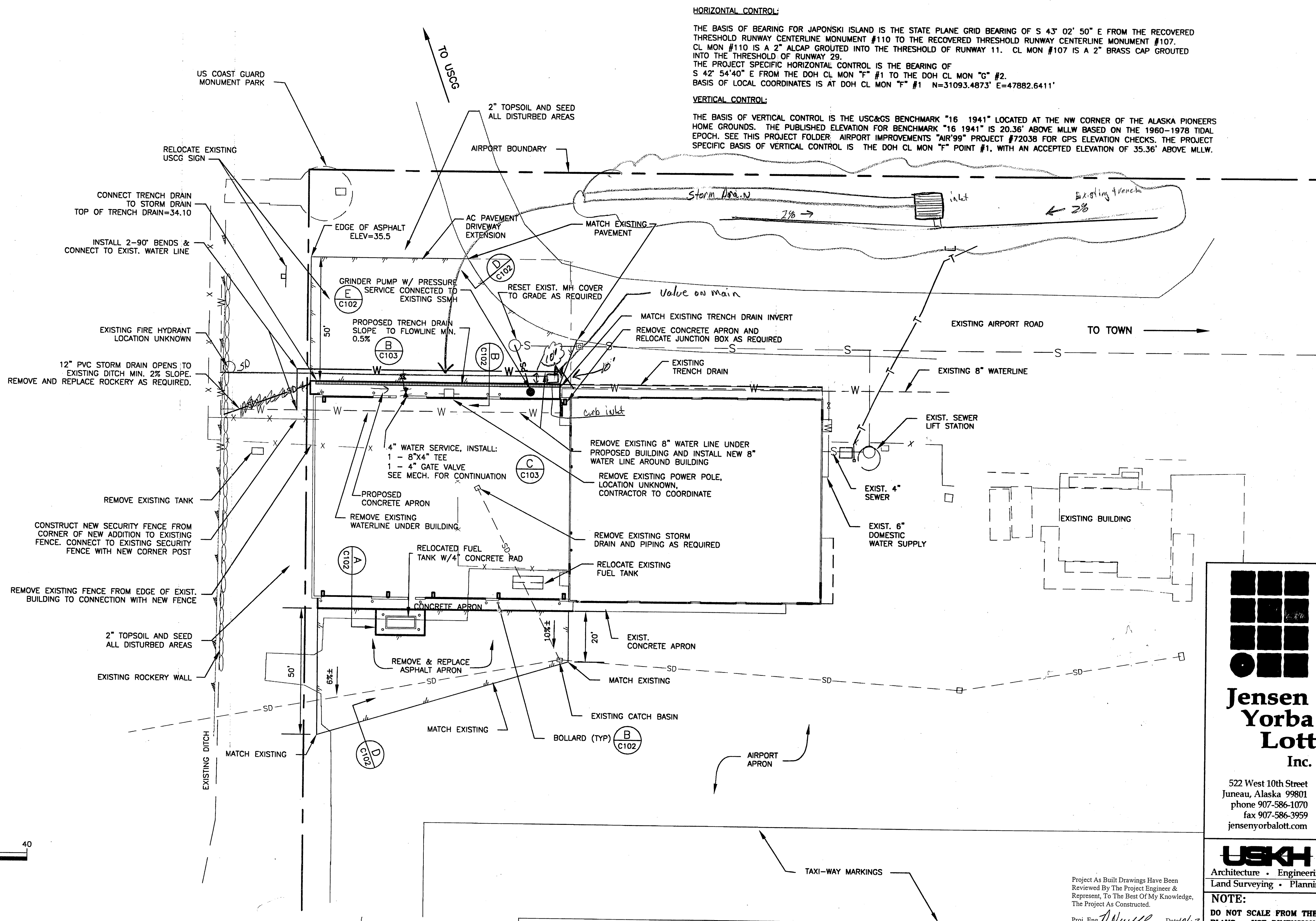


1-31-02

LEGEND		
UTILITIES	EXISTING	PROPOSED
TELEPHONE LINE	—T—	
SEWER		
SEWER WITH CLEANOUT	—S—	—S—
SEWER LIFT STATION		●
WATER		
WATER LINE—		
WITH GATE VALVE	—W—	—W—
STORM DRAIN		
STORM DRAIN—		
WITH CATCH BASIN	—SD—	—SD—
TRENCH DRAIN		
GENERAL		
PAVEMENT EDGE		
CONCRETE EDGE		
EXISTING DITCH		
ROCKERY WALL		
FENCE	—X—	—X—
TEMP SECURITY FENCE		—X—
GRADING ARROW		—>—
SILT FENCE		—SF—

GENERAL NOTES

- EXISTING TOPOGRAPHIC INFORMATION WAS TAKEN FROM A TOPO SURVEY BY DOT&PF PERFORMED SUMMER 2001. CONTRACTOR SHALL VERIFY SITE CONDITIONS.
- SOILS INFORMATION IS DERIVED FROM SOILS INVESTIGATION PERFORMED BY PN&D CONSULTING ENGINEERS DATED MAY 9, 2001. THIS REPORT IS INCLUDED IN THE SPECIFICATIONS.
- LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY EXACT LOCATION BY OBTAINING UTILITY LOCATES PRIOR TO START OF CONSTRUCTION AND EXERCISE CAUTION DURING EXCAVATION.
- VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION. RECORD LOCATIONS AND CHANGES TO UTILITIES IN SURVEY NOTES AND ON AS-BUILT PLANS.
- RESTORE ALL DISTURBED PROPERTY TO MATCH EXISTING CONDITIONS, EXCEPT AS SHOWN OTHERWISE.
- SEE SHEET C104 FOR TEMPORARY SECURITY FENCING.

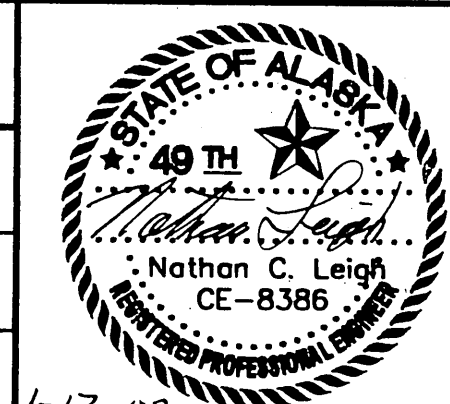


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RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY:	NCL	PROJECT NO. 67507
DRAWN BY:	NME	AIP-02-0268-1402
CHECKED BY:	NCL	DATE: November 30, 2001
		SHEET 11 OF 27

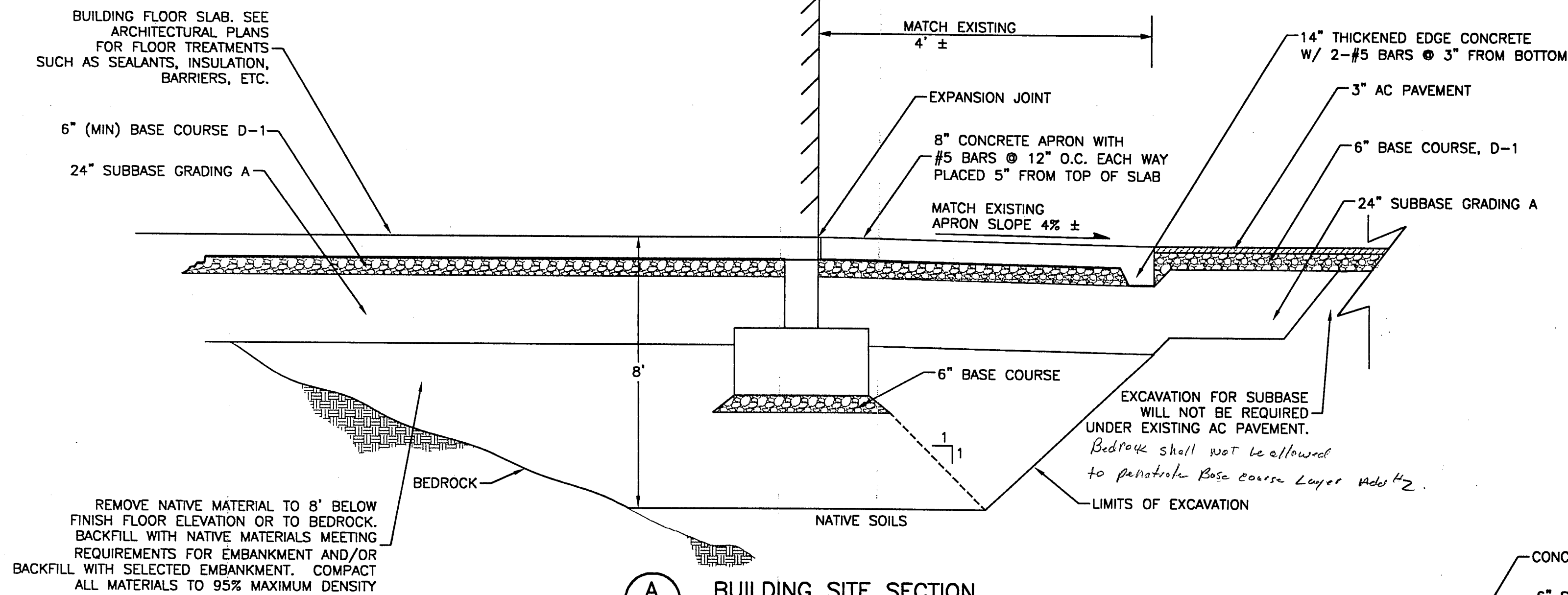


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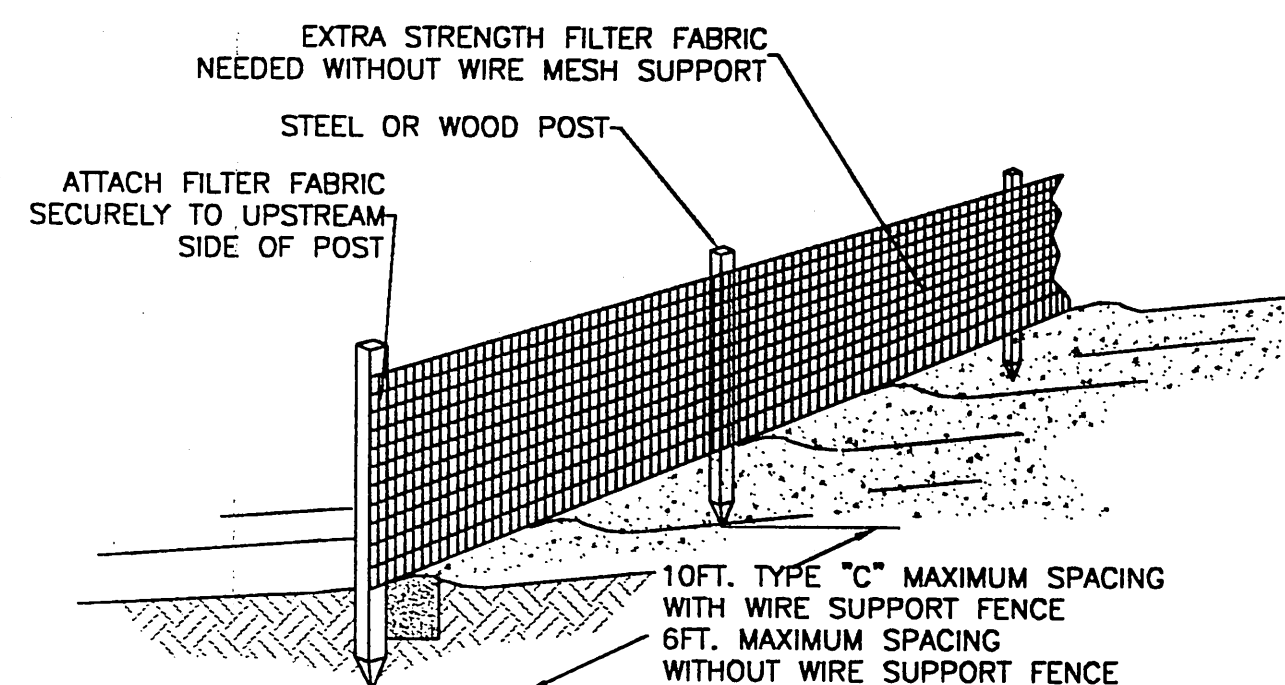
Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.
Proj. Eng. *[Signature]* Date 9/1/03



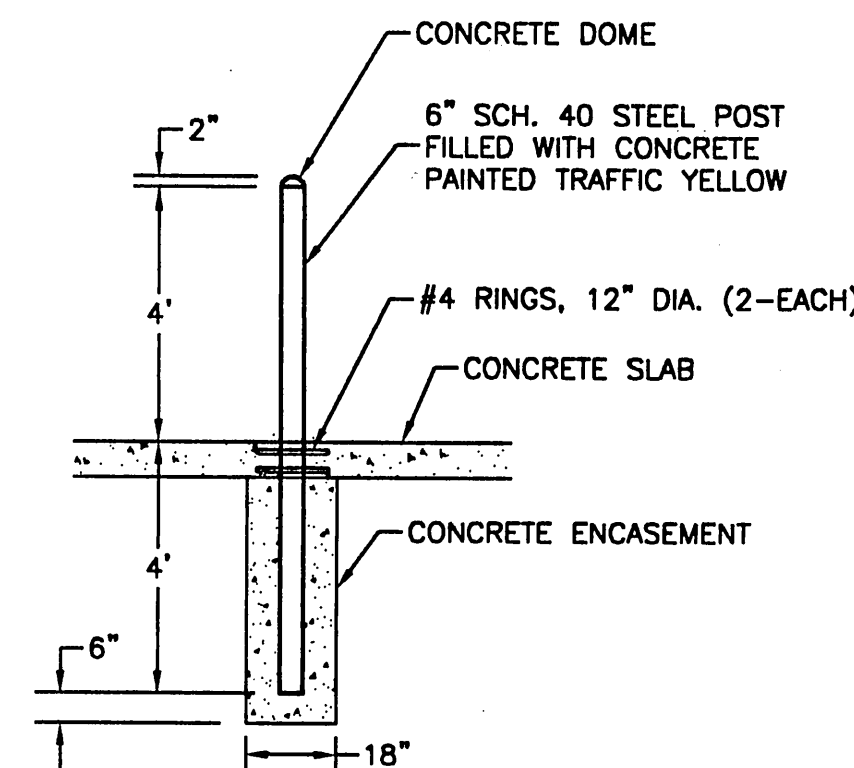
A BUILDING SITE SECTION
C102 NTS

NOTES:

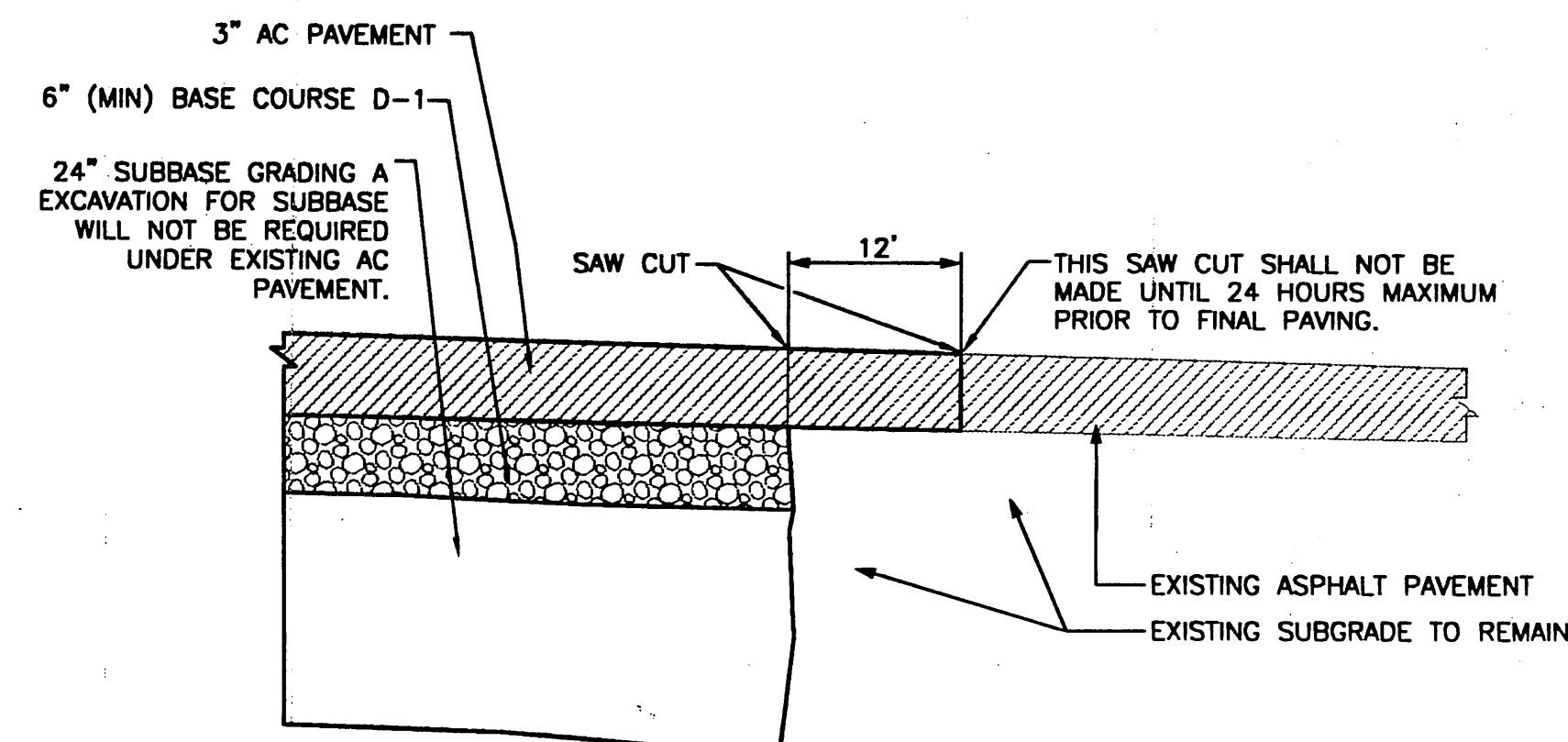
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.



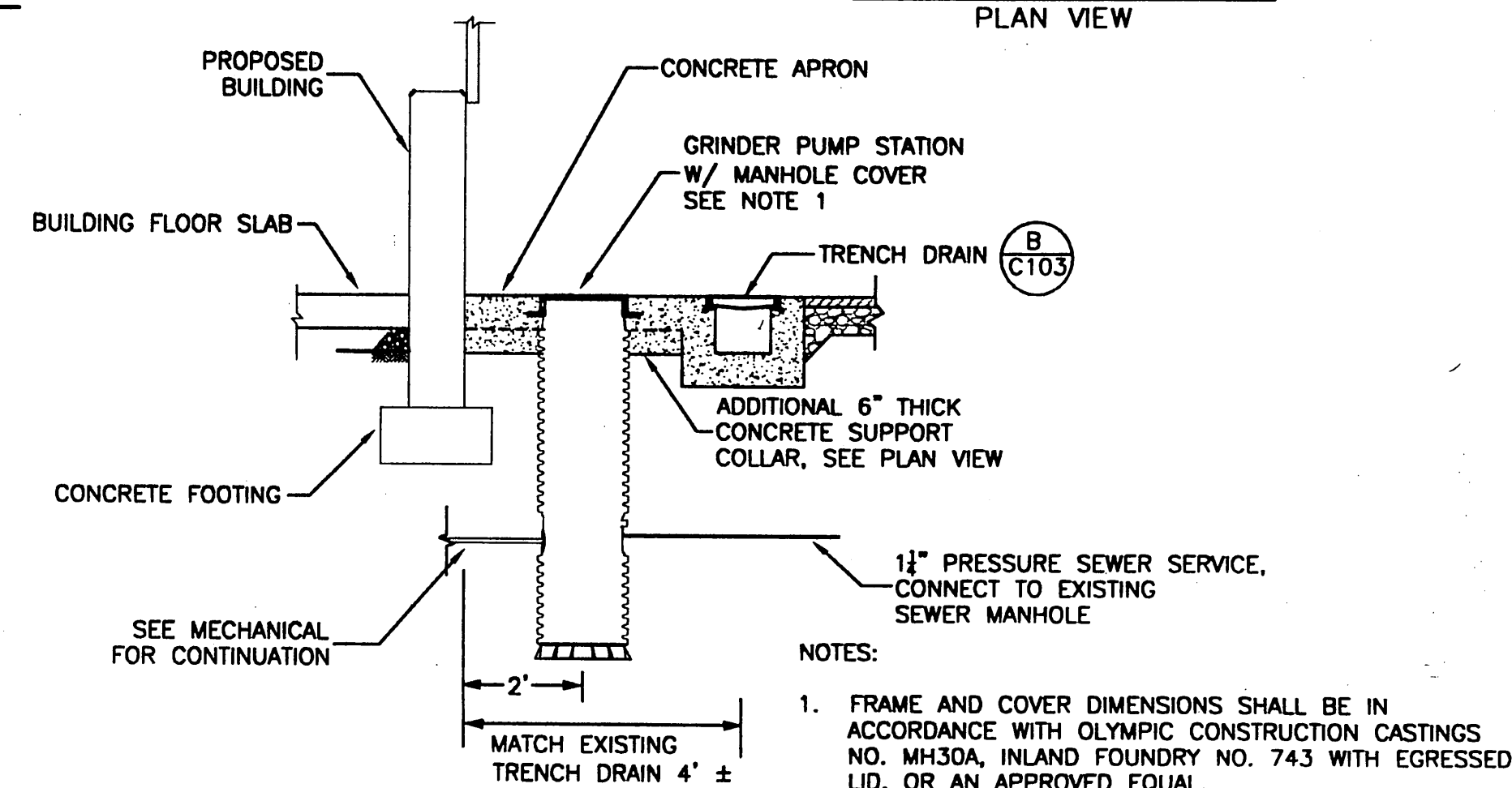
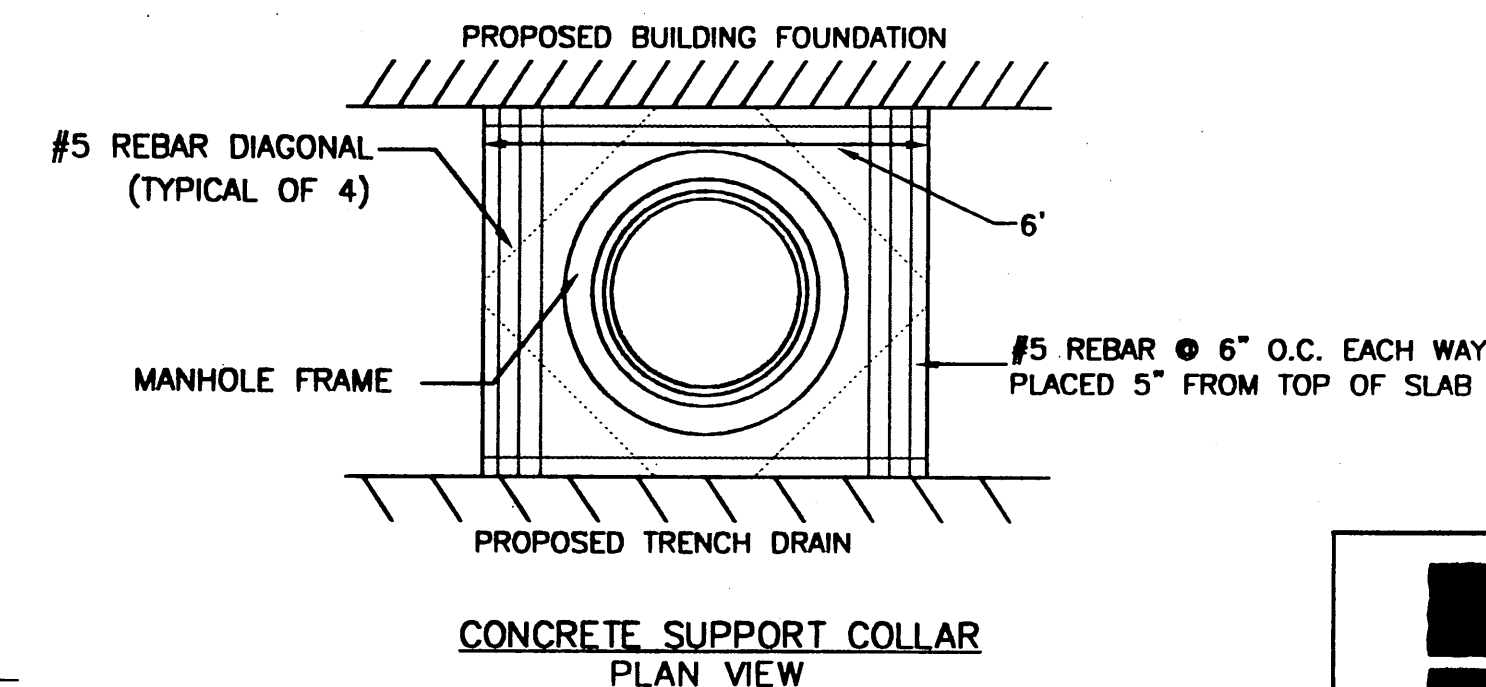
C SILT FENCE DETAILS
C102 NTS



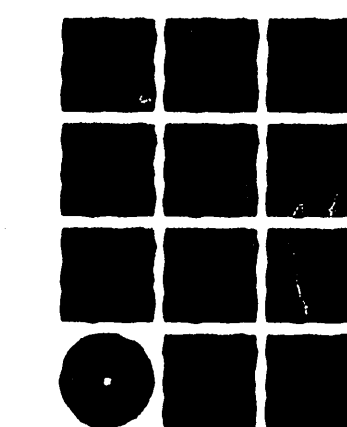
B BOLLARD DETAIL
C102 NTS



D SAW CUT DETAIL
C102 NTS



E GRINDER PUMP STATION DETAIL
C102 NTS

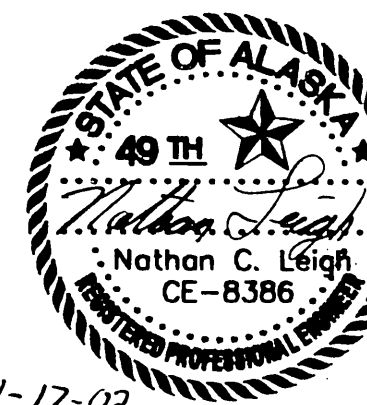


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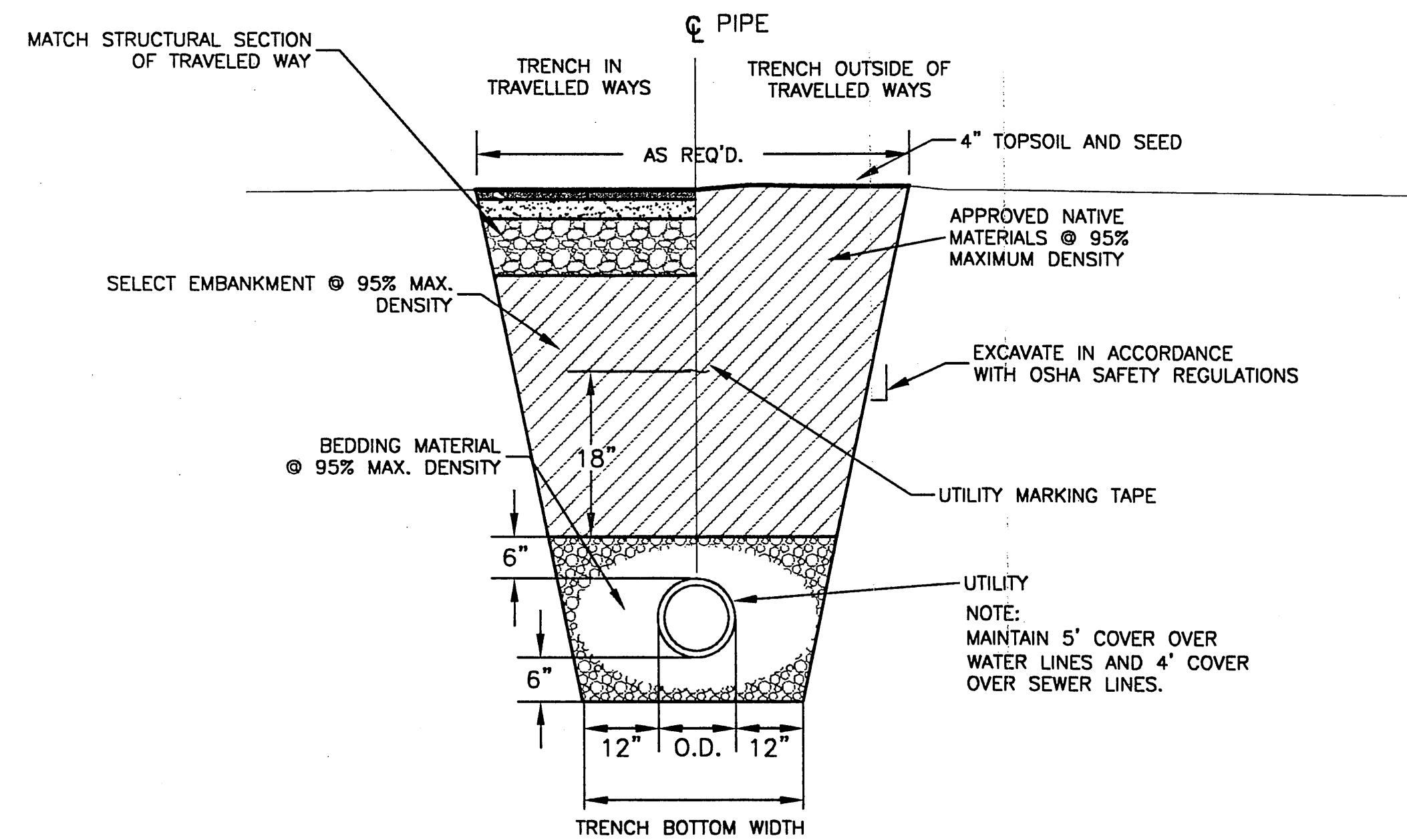
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BY:	DATE:	DESCRIPTION OF CHANGE:
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SOUTHEAST REGION

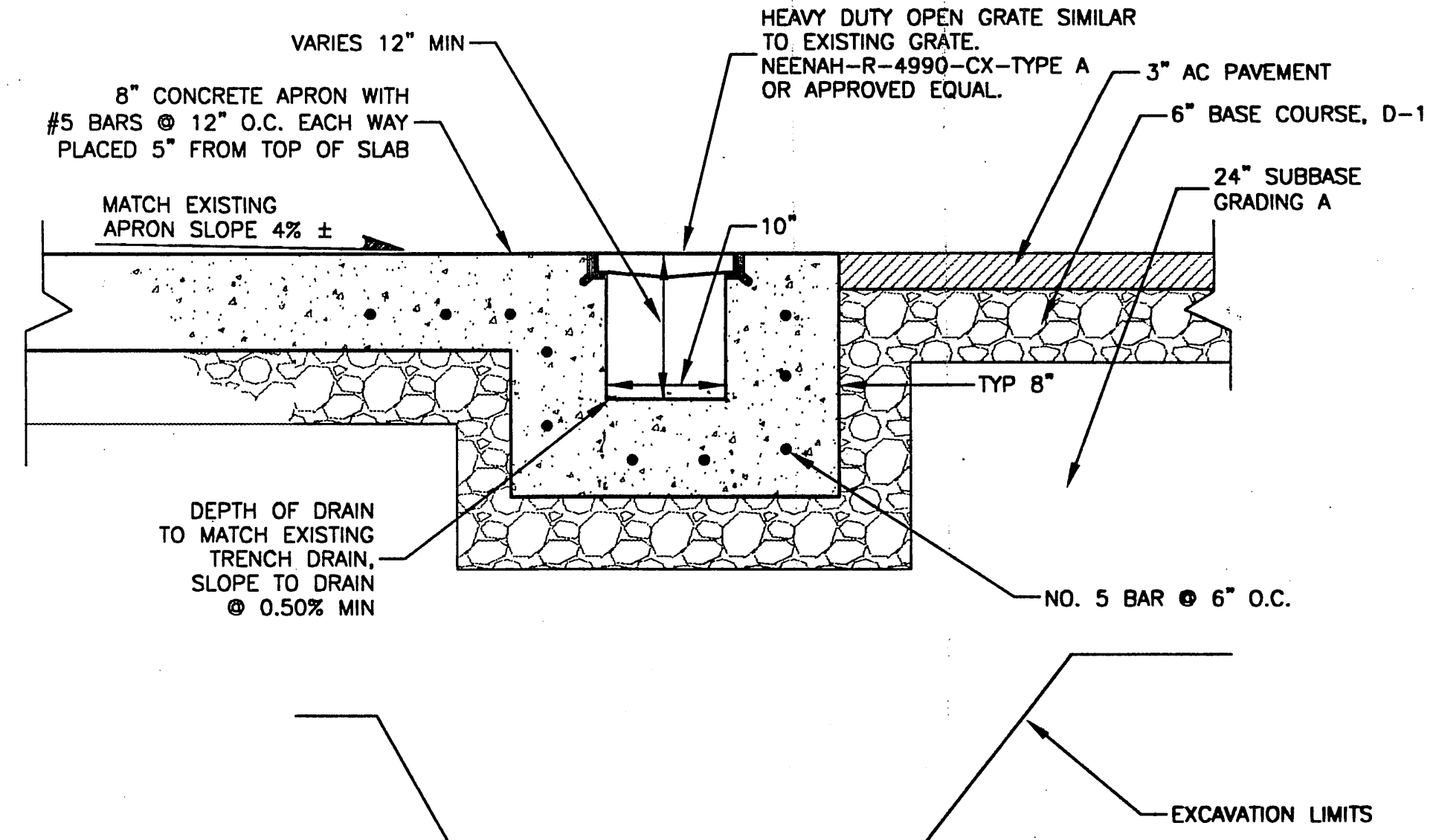
SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY:	CB	PROJECT NO. 67507 AIP 3-02-0208-1402
DRAWN BY:	CB	DATE: November 30, 2001
CHECKED BY:	NCL	SHEET 12 OF 27

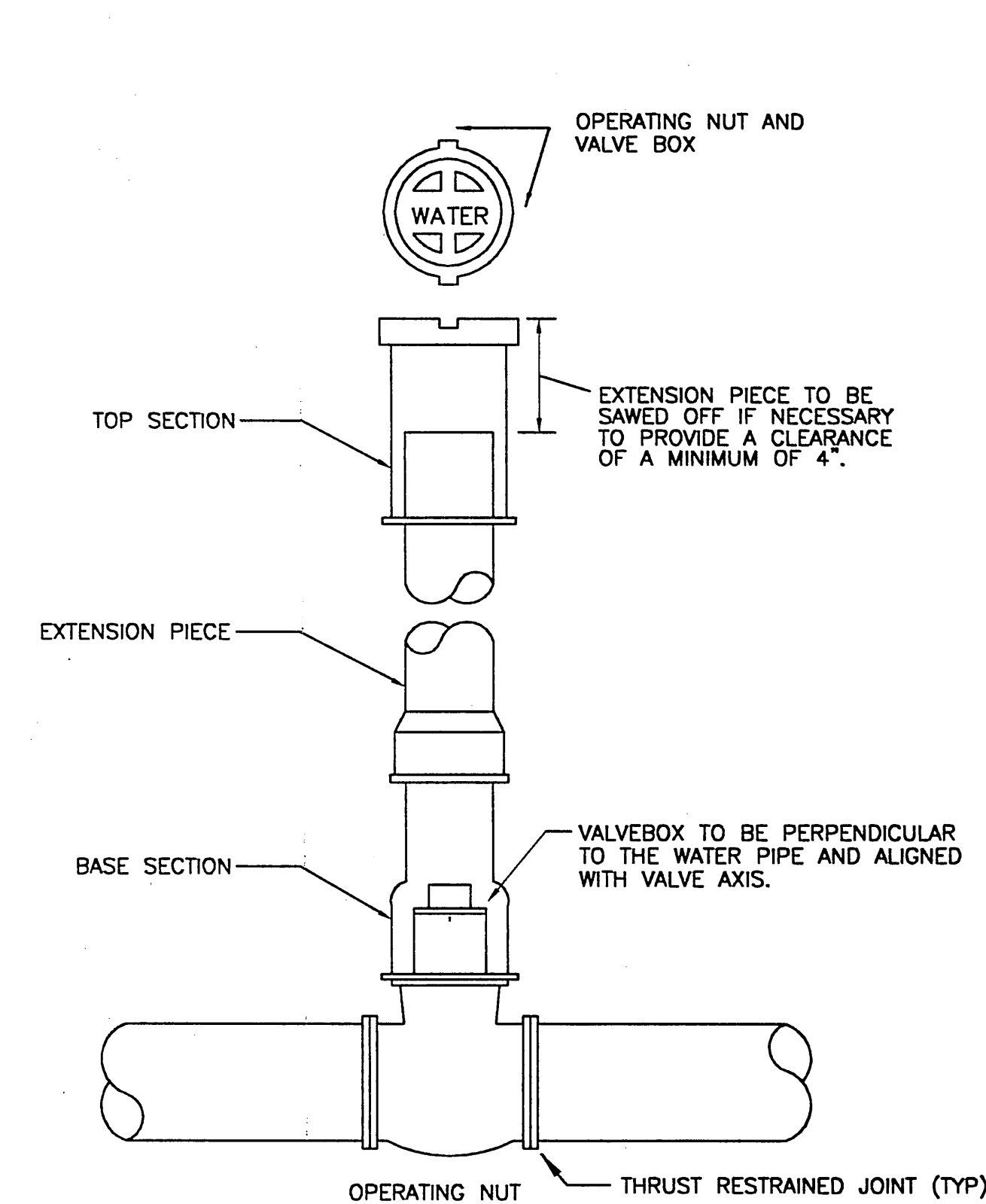
1-17-02



A
C103 TRENCH DETAIL
SCALE: N.T.S.

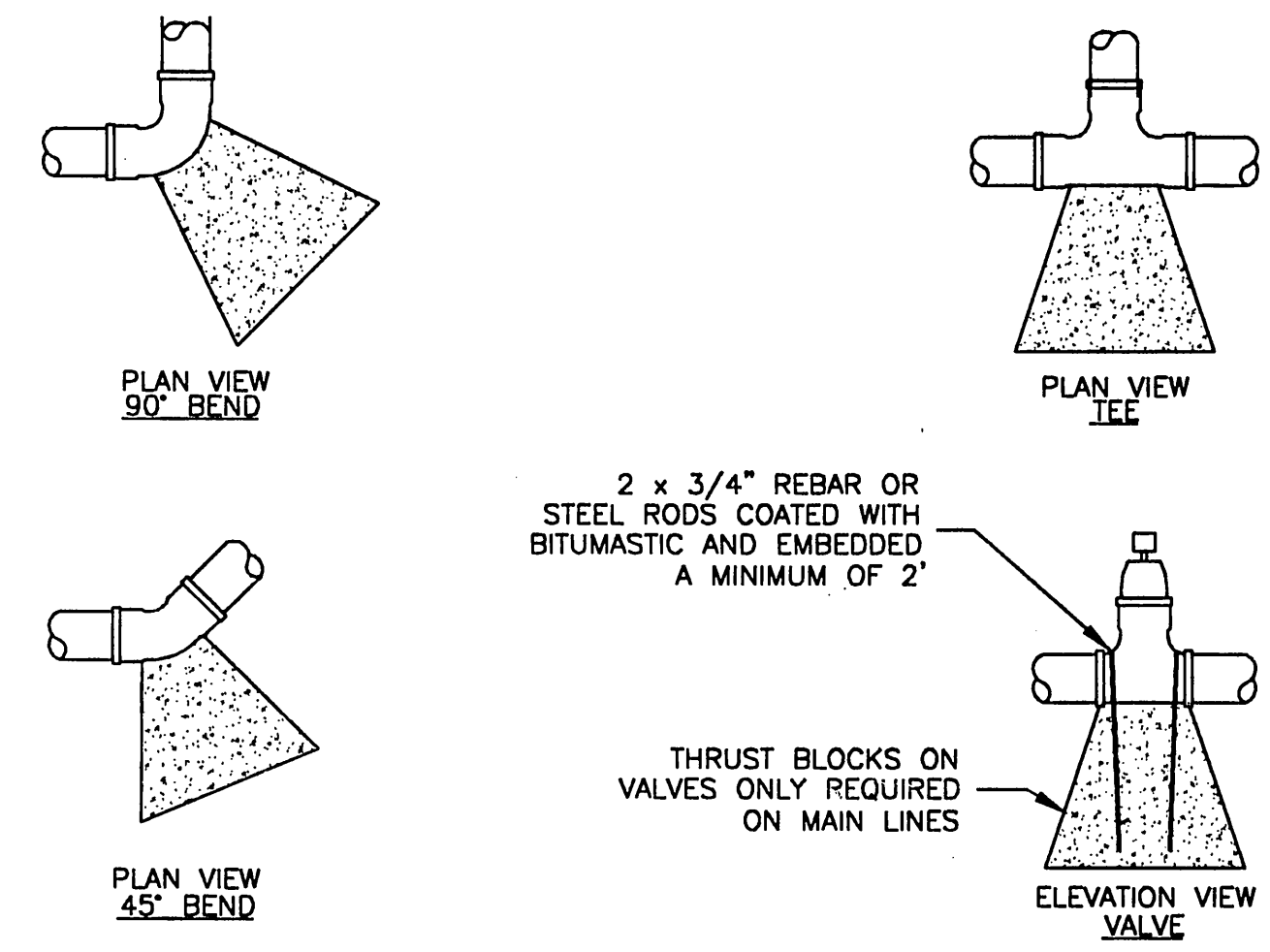


B
C103 TRENCH DRAIN CROSS-SECTION DETAIL
SCALE: N.T.S.



NOTE:
1. VALVES REQUIRE THRUST BLOCKS.
2. ON UNPAVED ROADS, RECESS TOP OF VALVE BOX 6" TO 8".
3. VALVE BOX SHALL BE CAST IRON AND SHALL HAVE A MINIMUM INSIDE DIAMETER OF 4-1/2".

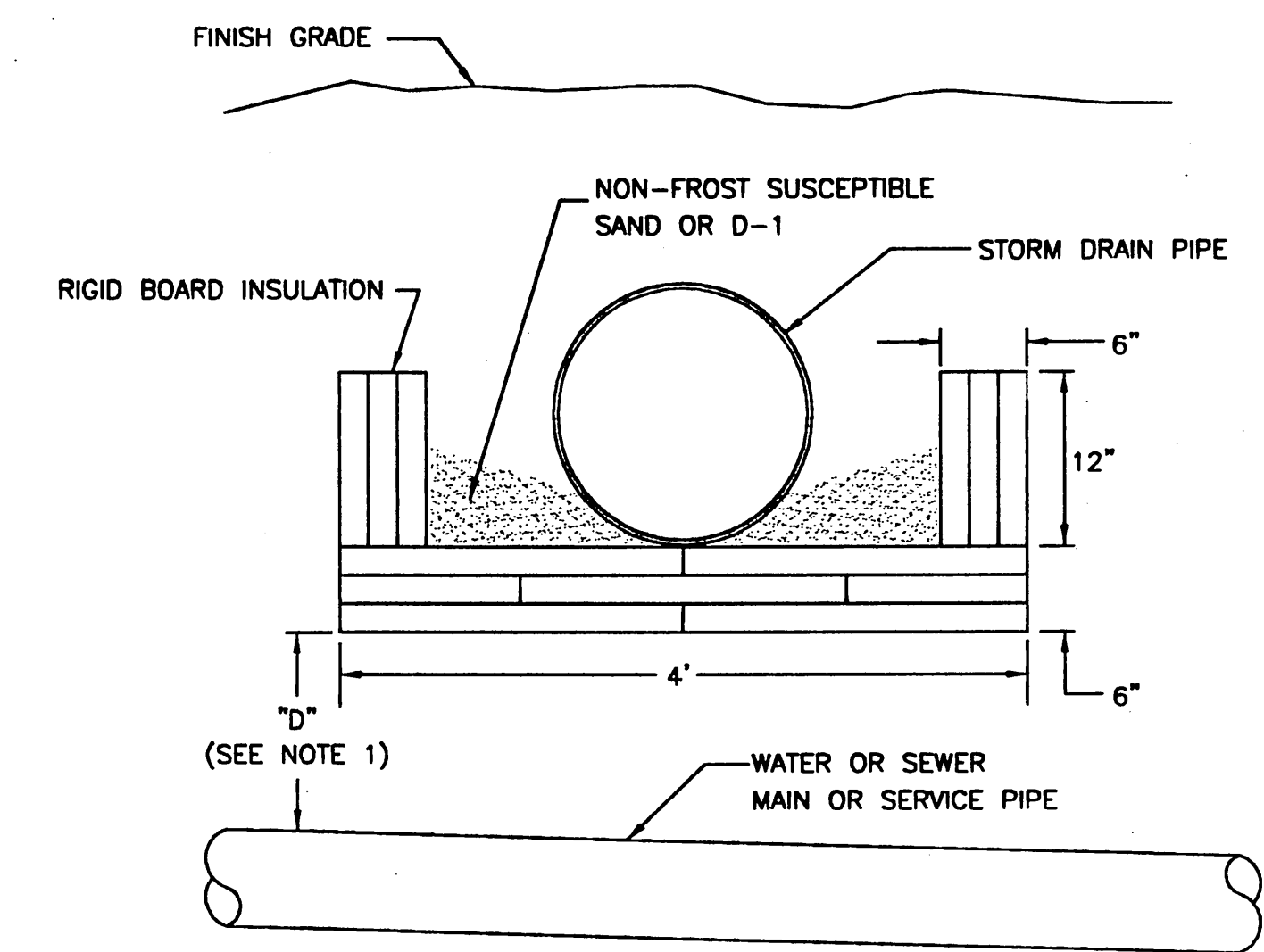
C
C103 WATER VALVE DETAIL
SCALE: N.T.S.



PIPE SIZE	90° BEND, TEE OR PLUG		0° - 45° BEND OR CROSS		VALVES
	MIN. CONCRETE VOLUME (YD ³)	MIN. BEARING AREA (FT ²)	MIN. CONCRETE VOLUME (YD ³)	MIN. BEARING AREA (FT ²)	
4"	0.3	2.3	0.25	1.0	N/A
6"	0.3	3.0	0.25	1.6	0.25
8"	0.5	5.3	0.3	3.0	0.5
10"	0.75	8.3	0.5	4.5	0.5
12"	1.0	12.0	0.75	6.5	0.5

NOTES:
1. CENTER OF MASS OF THRUST BLOCK MUST LAY OPPOSITE TO AND ALIGNED AGAINST THE DIRECTION OF THRUST.
2. THRUST BLOCKS SHALL BE POURED SO THAT JOINTS OF FITTINGS REMAIN ACCESSIBLE.
3. CONCRETE THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH. UNSTABLE OR UNSUITABLE MATERIALS SHALL BE REMOVED, REPLACED AND/OR COMPACTED AS DETERMINED BY THE ENGINEER.
4. VOLUME AND BEARING SURFACE OF 2500 P.S.I. CONCRETE THRUST BLOCKS ARE BASED ON 150 P.S.I. WATER PRESSURE AND SOIL BEARING CAPACITY OF 2000 P.S.F. ALL OTHER PRESSURE AND/OR SOIL CONDITIONS ARE SUBJECT TO THE ENGINEER'S REVIEW AND APPROVAL.

D
C103 THRUST BLOCK DETAILS
SCALE: N.T.S.



NOTES:
1. INSTALL INSULATION AS SHOWN WHEN "D" IS LESS THAN 5'-0" FOR WATER PIPE OR 3'-8" FOR SEWER PIPE.
2. INSULATION SHALL BE DOW HI STYROFOAM OR EQUAL.
3. PIPE INSULATION SHALL BE 8'-0" IN LENGTH, CENTERED OVER EXISTING WATER OR SEWER PIPE.
4. INSULATION BOARDS SHALL OVERLAP 12" AS SHOWN IN DRAWING.

E
C103 PIPE INSULATION DETAIL
SCALE: N.T.S.

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SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY:	CB	PROJECT NO. 07507 AIP 3-02-0288-1402
DRAWN BY:	CB	DATE: November 30, 2001
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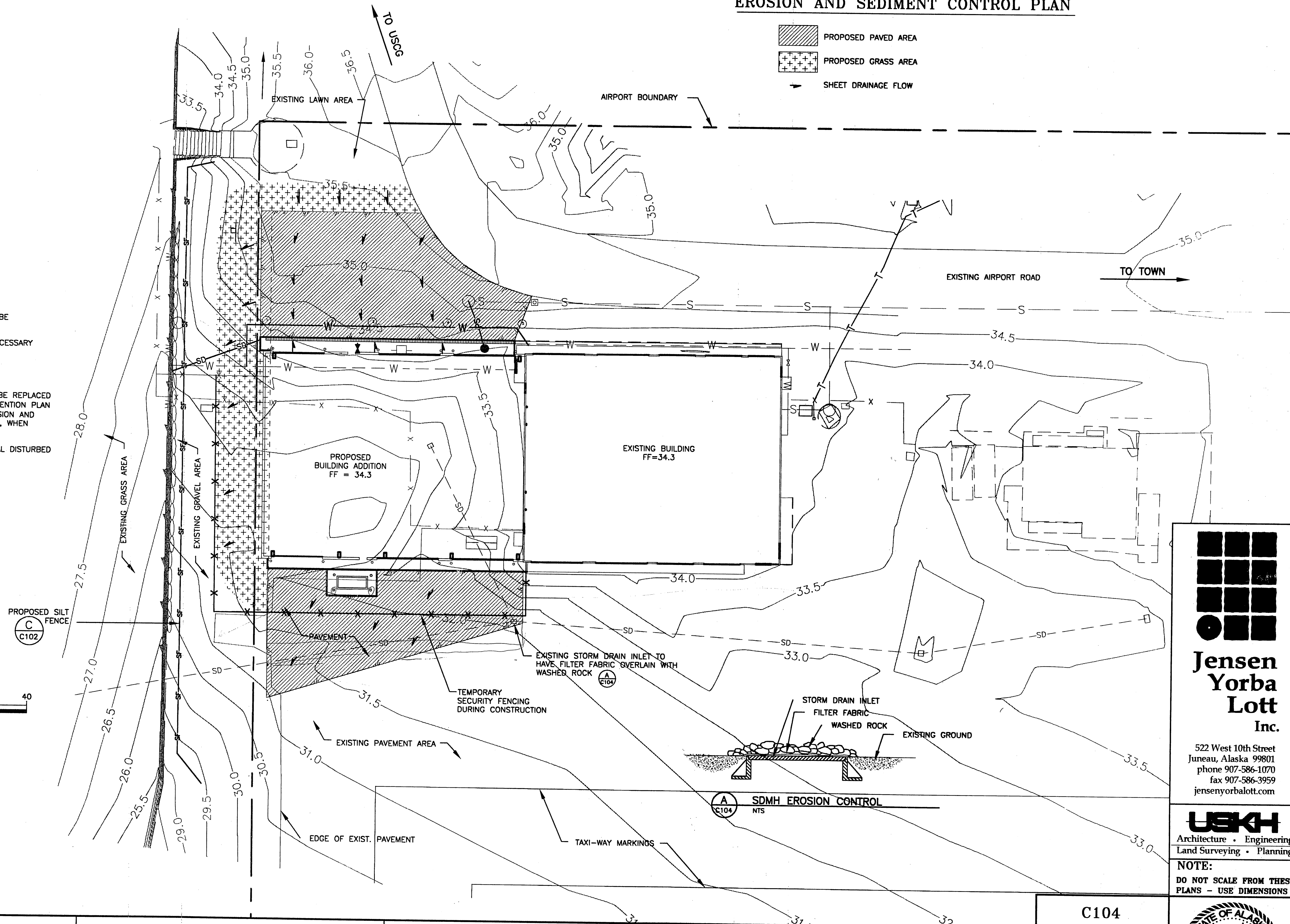
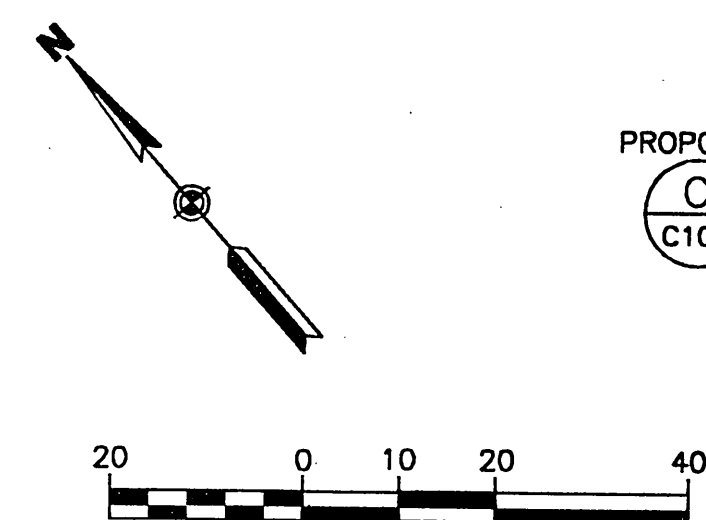
STATE OF ALASKA
49th
Nathan C. Leigh
CE-8386
REGISTERED PROFESSIONAL ENGINEER

LEGEND		
UTILITIES		
TELEPHONE LINE	EXISTING	PROPOSED
SEWER		
SEWER WITH CLEANOUT	—S—	—S—
SEWER LIFT STATION		●
WATER		
WATER LINE—WITH GATE VALVE	—W—	—W—
STORM DRAIN		
STORM DRAIN—WITH CATCH BASIN	—SD—	—SD—
TRENCH DRAIN		
GENERAL		
PAVEMENT EDGE	—	—
CONCRETE EDGE	—	—
EXISTING DITCH	—	—
ROCKERY WALL	—	—
FENCE	—X—	—X—
TEMP SECURITY FENCE	—X—	—X—
GRADING ARROW	—	—
SILT FENCE	—SF—	—SF—

- NOTES:
1. THE CONTRACTOR SHALL PROVIDE FOR EROSION CONTROL DURING CONSTRUCTION. ALL SEDIMENTATION FROM ON-SITE DRAINAGE SHALL BE CAUGHT ON-SITE.
 2. SILT FENCE SHALL BE REGULARLY INSPECTED AND MAINTAINED AS NECESSARY DURING CONSTRUCTION.
 3. CONTRACTOR SHALL PROVIDE OFF-SITE AREA FOR DISPOSAL OF SITE MATERIALS.
 4. THIS EROSION CONTROL AND SEDIMENT CONTROL PLAN (ESCP) WILL BE REPLACED BY THE CONTRACTOR'S SITE-SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE PERMANENT AND TEMPORARY PREVENTION OF EROSION AND CONTROL OF SEDIMENTATION DURING CONSTRUCTION OF THE PROJECT, WHEN APPROVED.
 5. THE TOTAL AREA OF THE PROJECT IS LESS THAN 5 ACRES. THE TOTAL DISTURBED AREA IS APPROXIMATELY .50 ACRES

EROSION AND SEDIMENT CONTROL PLAN

- PROPOSED PAVED AREA
- PROPOSED GRASS AREA
- SHEET DRAINAGE FLOW



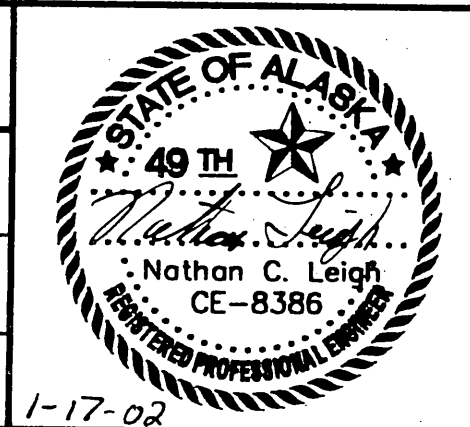
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SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY:	NCL
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CHECKED BY:	NCL

C104
PROJECT NO. 67507 AIP-02-0268-1402
DATE: November 30, 2001
SHEET 14 OF 27

STRUCTURAL ABBREVIATIONS

ANCHOR BOLT AND ANGLE ARCHITECTURAL AT	A.B. & L ARCH @	LONG LEG HORIZONTAL LONG LEG VERTICAL LONG SLOTTED HOLE LONG SPAN	LLH LLV LSH LH
BASE PLATE	B.P.	MANUFACTURER MAXIMUM MECHANICAL MINIMUM	MFR MAX MECH MIN
BEARING BOTTOM	BRG BOT	NEAR FACE NEAR SIDE NOT TO SCALE NUMBER	N.F. N.S. N.T.S. N OR #
CANTILEVER CAST-IN-PLACE CENTER LINE CHANNEL CLEAR CONCRETE CONCRETE MASONRY UNIT CONNECTION CONSTRUCTION CONTINUOUS CONSTRUCTION JOINT CROSS	CANT C.I.P. CL OR C C CLR CONC C.M.U. CONN CONST CONT C.J. X-	ON CENTER OPENING OPPOSITE OPPOSITE HAND PARALLAM STRAND LUMBER PLATE PLYWOOD POUNDS POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH	O.C. OPNG OPP O.H. PSL PL OR PLYWD R LBS PSF PSI
DEAD LOAD DIAMETER DOWN	D.L. DIA OR Ø DN	RADIUS REFERENCE REINFORCING REQUIRED	R REF REINF REQ'D.
EACH EACH FACE EACH WAY ELECTRICAL ELEVATION EMBEDDED EQUAL EXISTING EXPANSION EXTERIOR	EA E.F. E.W. ELEC EL EMBED EQ EXIST EXP EXT	SHORT SLOTTED HOLE SIMILAR SLAB JOINT SPECIFICATIONS SQUARE STANDARD STEEL	SSH SIM SJ SPECS SQ STD STL
FAR FACE FAR SIDE FIRE RESISTANT FLOOR FOOT	F.F. F.S. F.R.T.P. FLR FT	TRANSVERSE TOP TOP AND BOTTOM TOP OF CONCRETE TOP OF FOOTING TOP OF STEEL TUBE STEEL TYPICAL	TRANS T/ T&B TOC TOF TOS TS TYP
GAUGE GLUE LAM BEAM	GA GLB	UNLESS NOTED OTHERWISE	U.N.O.
HEADED ANCHOR STUD HIGH STRENGTH HOLLOW STRUCTURAL SECTION HORIZONTAL	H.A.S. H.S. HSS HORIZ	VERIFY IN FIELD VERTICAL	V.I.F. VERT
INTERIOR	INT	WELDED WIRE FABRIC WIDE FLANGE WIDE FLANGE TEE WITH	W.W.F. WF WT W/
JOINT	JT		
KIP	K		

SEE ALSO THE ABBREVIATIONS LISTED ON THE ARCHITECTURAL DRAWINGS

GENERAL STRUCTURAL NOTES

(APPLIES UNLESS NOTED OTHERWISE)

CODE:

INTERNATIONAL BUILDING CODE 2000 (IBC 2000).

DESIGN LOADS:

GROUND SNOW LOAD _____ 50 PSF
MINIMUM FLAT ROOF SNOW LOAD _____ 40 PSF
IMPORTANCE FACTOR _____ 1.0

WIND LOADS:

BASIC WIND SPEED _____ 120 MPH
EXPOSURE _____ C
IMPORTANCE FACTOR _____ 1.00

SEISMIC USE GROUP:

SEISMIC USE GROUP _____ I
SITE CLASS _____ D
Ss _____ 98.1 %g
S1 _____ 50.5 %g
INCLUDE 25% OF THE ROOF SNOW LOAD AS
SEISMIC DEAD LOAD

FOUNDATIONS:

GEOTECHNICAL CONSULTANT: _____ GEOTECHNICAL INVESTIGATION FOR THE SITKA SAND & CHEMICAL STORAGE BUILDING, PROJECT NO. 67507, PREPARED BY JAMES HENMANN P.E., SENIOR ENGINEER, PERATROVICH, NOTTINGHAM, & DRAGE, DATED MAY 9, 2001

SOIL BEARING = 3,000 PSF. REFER TO CIVIL SHEET C102 FOR SUBGRADE PREPARATION.

THE FOUNDATION PLAN AND DETAILS ARE PRESENTED FOR BIDDING PURPOSES AND MAY NEED TO BE ALTERED TO ACCOMMODATE THE CONTRACTOR'S PROPOSED BUILDING SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE FOOTING SIZE, FOOTING LOCATIONS, PILASTER SIZES, REINFORCING DETAILS, COLUMN LOCATIONS AND ANCHOR BOLT LAYOUTS TO CONFORM TO THE ACTUAL DETAILS OF THE METAL BUILDING SYSTEM BEING PROVIDED. ALL ALTERATIONS REQUIRED FOR THE FOUNDATION SYSTEM SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF ALASKA AND BE SUBMITTED TO THE STATE OF ALASKA PROJECT MANAGER FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION.

CONCRETE:

UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI, MAXIMUM SLUMP OF 4 1/2"

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

CONCRETE CONTAINING SUPERPLASTICIZING ADMIXTURE SHALL HAVE A SLUMP NOT EXCEEDING 3", TO BE FIELD VERIFIED, PRIOR TO ADDING ADMIXTURE, AND NOT EXCEEDING 8" AT PLACEMENT.

ADDITION OF WATER TO THE BATCH FOR MATERIAL WITH INSUFFICIENT SLUMP WILL NOT BE PERMITTED.

MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT SLABS ON GRADE. UNLESS APPROVED OTHERWISE IN WRITING BY THE ENGINEER, ALL CONCRETE SLABS ON GRADE SHALL BE BONDED BY CONSTRUCTION JOINTS, KEYED OR SAW CUT, SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED 400 SQUARE FEET. KEYED CONSTRUCTION JOINTS NEED ONLY OCCUR AT EXPOSED EDGES DURING POURING. ALL OTHER JOINTS MAY BE SAW CUT.

REINFORCING:

TYPICAL REINFORCING BAR STRENGTHS	
#3 OR LARGER _____	ASTM A615 (GR60) DEFORMED

TYPICAL CLEAR CONCRETE COVERAGE	
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH _____	3"
FORMED CONCRETE: _____	#6 AND LARGER _____ 2"
	#5 AND SMALLER _____ 1 1/2"

LAP SPLICES IN CONCRETE:

UNLESS NOTED OTHERWISE, LAP SPLICES IN CONCRETE BEAMS, WALLS, AND SLABS SHALL BE CLASS "B" TENSION LAP SPLICES PER LATEST EDITION OF ACI 318. STAGGER ALTERNATE SPLICES A MINIMUM OF ONE LAP LENGTH.

ALL SPLICE LOCATIONS SUBJECT TO APPROVAL. PROVED BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT CORNERS AND INTERSECTIONS OF FOOTINGS AND WALLS. REINFORCING BAR SPACINGS GIVEN ARE MAXIMUM ON CENTERS. ALL BARS PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE. CONCRETE COLUMN DOWEL EMBEDMENT SHALL BE A STANDARD COMPRESSION DOWEL EMBEDMENT LENGTH ACCORDING TO THE LATEST EDITION OF ACI 318.

SHOP DRAWINGS:

THE CONTRACTOR SHALL REVIEW, STAMP WITH HIS APPROVAL, DATE, AND SIGN ALL SHOP DRAWINGS REQUIRED BY THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING TO THE ENGINEER. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DEVIATION IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

SPECIAL INSPECTIONS:

SPECIAL INSPECTION IS REQUIRED DURING THE FOLLOWING OPERATIONS PER IBC SECTION 1705:

CONCRETE: DURING TAKING OF SPECIMENS AND PLACEMENT OF ALL CONCRETE. SEE PROJECT SPECIFICATIONS FOR FREQUENCY OF TESTING AND STRENGTH REQUIREMENTS.

BOLTS INSTALLED IN CONCRETE: PRIOR TO AND DURING THE PLACEMENT OF CONCRETE AROUND BOLTS.

REINFORCING STEEL: DURING PLACEMENT OF REINFORCING STEEL AND CONTINUOUS SPECIAL INSPECTION DURING THE INSTALLATION OF MECHANICAL REINFORCING COUPLINGS.

WELDING: DURING ALL STRUCTURAL WELDING, INCLUDING WELDING OF REINFORCING STEEL.

HIGH STRENGTH BOLTING: WHILE THE WORK IS IN PROGRESS, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE REQUIREMENTS FOR BOLTS, NUTS, WASHERS, AND PAINT; BOLTED PARTS; AND INSTALLATION AND TIGHTENING ARE MET.

DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:

1. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO BE CERTAIN IT CONFORMS WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.

2. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE STATE OF ALASKA PROJECT MANAGER AND TO THE ENGINEER OR ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.

3. UPON COMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN A FINAL REPORT CERTIFYING THAT TO THE BEST OF HIS KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

STRUCTURAL OBSERVATION:

THE OWNER SHALL EMPLOY THE ENGINEER RESPONSIBLE FOR THE STRUCTURAL DESIGN TO PERFORM THE STRUCTURAL OBSERVATION AS DEFINED IN THE IBC. OBSERVED DEFICIENCIES SHALL BE REPORTED IN WRITING TO THE OWNER'S REPRESENTATIVE, SPECIAL INSPECTOR, CONTRACTOR, AND THE BUILDING OFFICIAL. THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFYING ANY REPORTED DEFICIENCIES THAT, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE, HAVE NOT BEEN RESOLVED.

GENERAL:

THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.

WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.

ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL AND ELECTRICAL WITH APPROPRIATE TRADES, DRAWINGS, AND SUBCONTRACTORS PRIOR TO CONSTRUCTION. DO NOT PENETRATE ANY STRUCTURAL ELEMENTS (FOOTINGS, TENSION TIES OR PILASTERS) WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES IN DETAILING NECESSARY IF PRODUCTS OTHER THAN THOSE SPECIFIED ON THE DRAWINGS ARE USED.

NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.

WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES, AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, INCLUDING CHANGES TO THE FOUNDATION PLAN REQUIRED TO ACCEPT THE BUILDING SYSTEM, SHALL BEAR THE SEAL OF A CIVIL ENGINEER REGISTERED IN THE STATE OF ALASKA.

PATH: .		
BY:	DATE:	DESCRIPTION OF CHANGE:
X	xx/xx/xx	
X	xx/xx/xx	
X	xx/xx/xx	
RECORD OF REVISIONS		

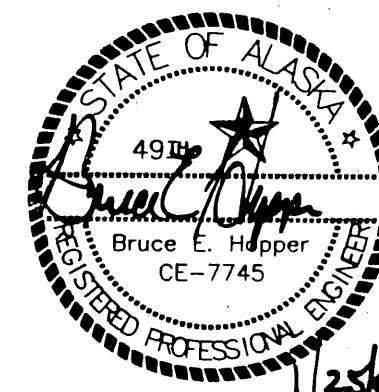
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

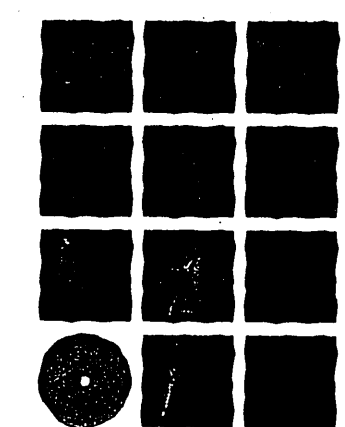
DESIGNED BY:	PROJECT NO. 67507 AIP 3-02-0268-1402
DRAWN BY:	DATE: November 30, 2001
CHECKED BY:	SHEET 15 OF 27

S001

NOTE:
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PLANS - USE DIMENSIONS

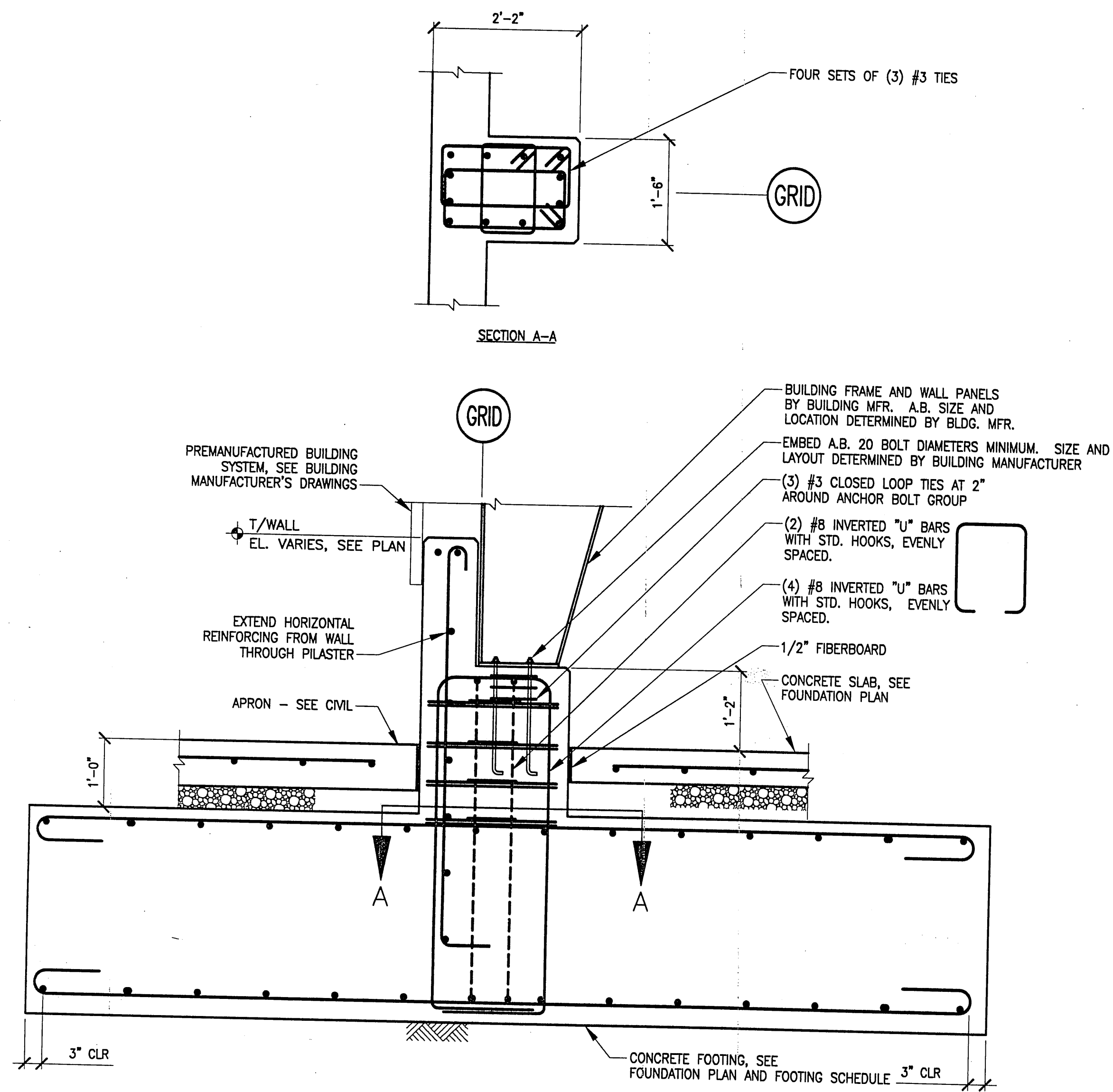


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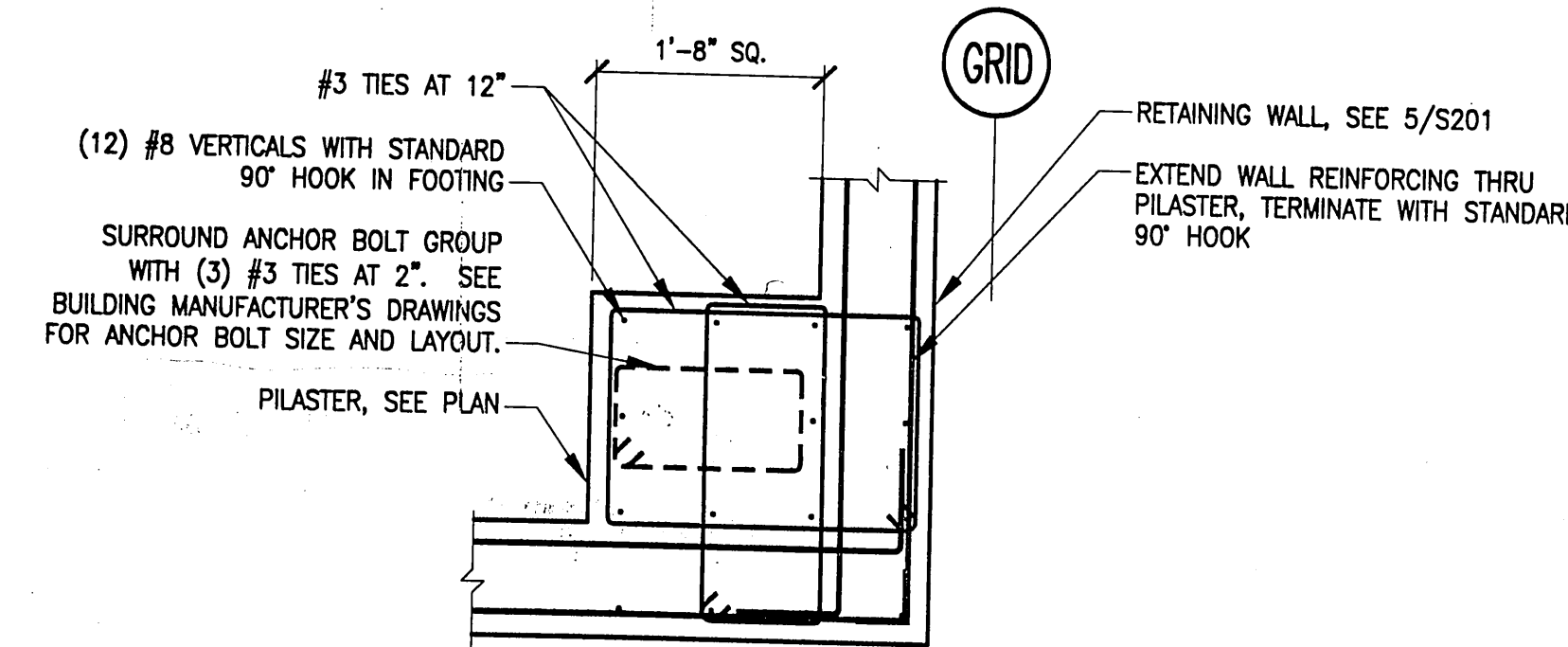


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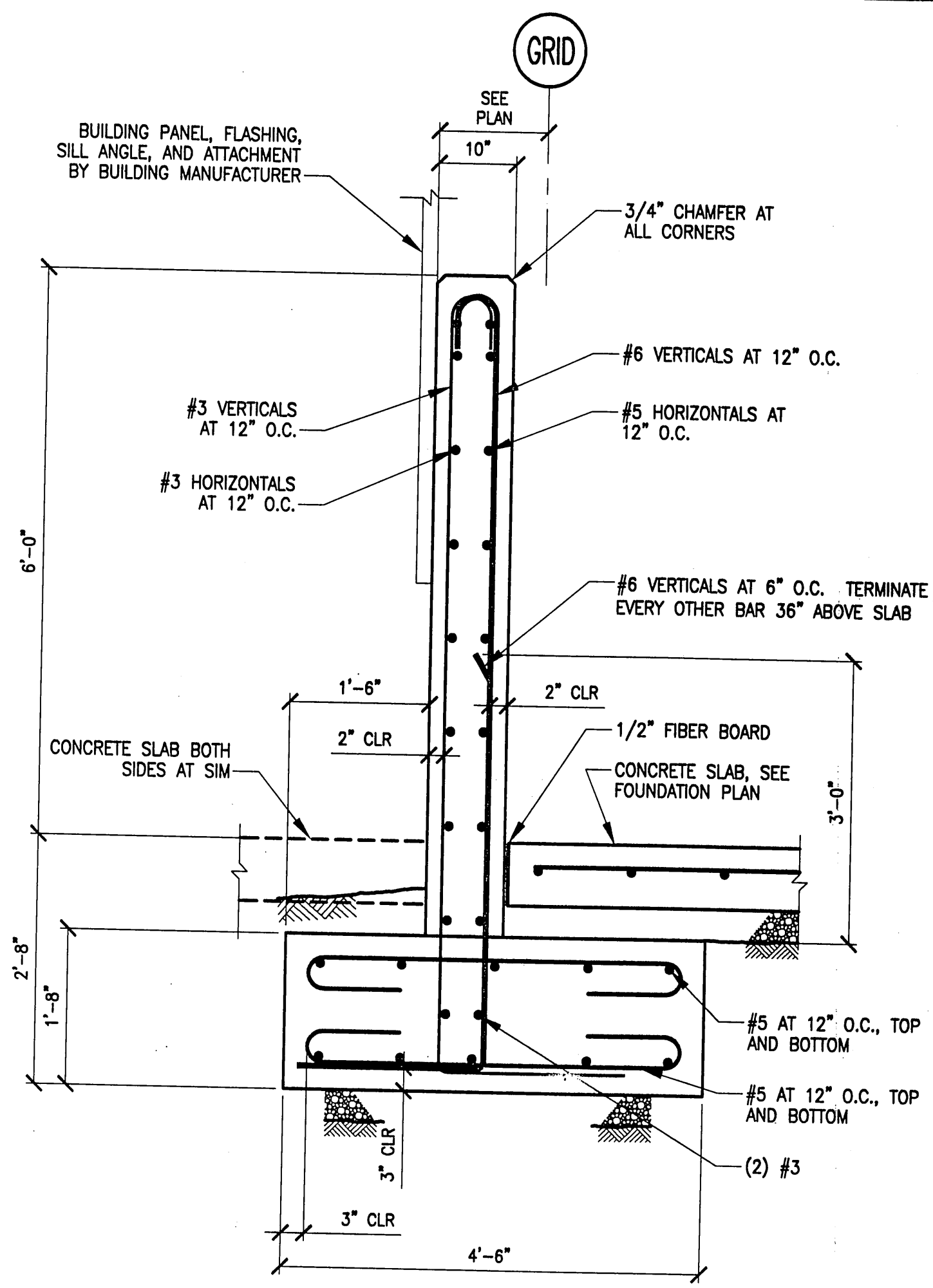
522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbalott.com



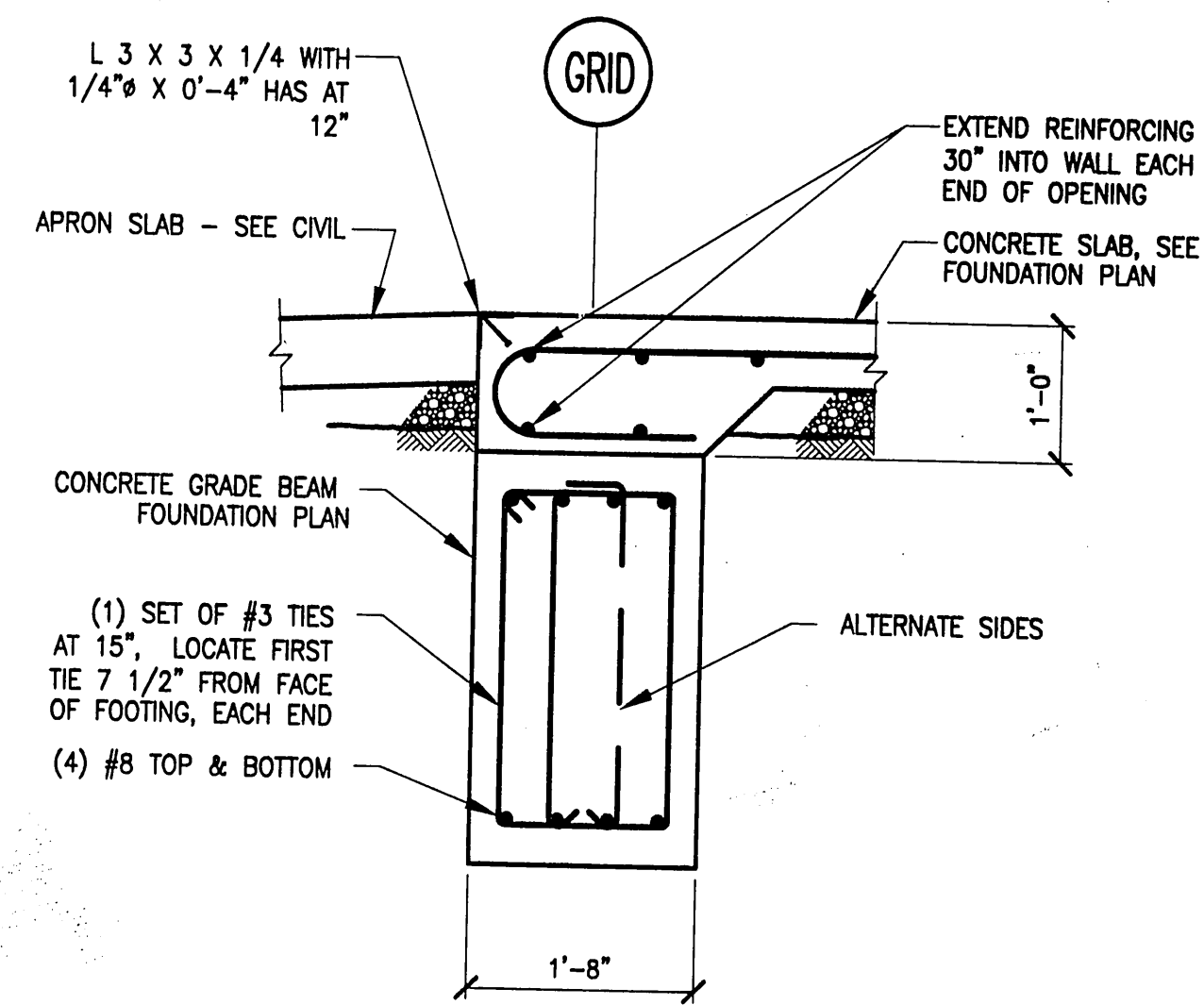
4 CONCRETE FOOTING AT CONCRETE RETAINING WALL
S201 SCALE: 3/4"=1'-0"



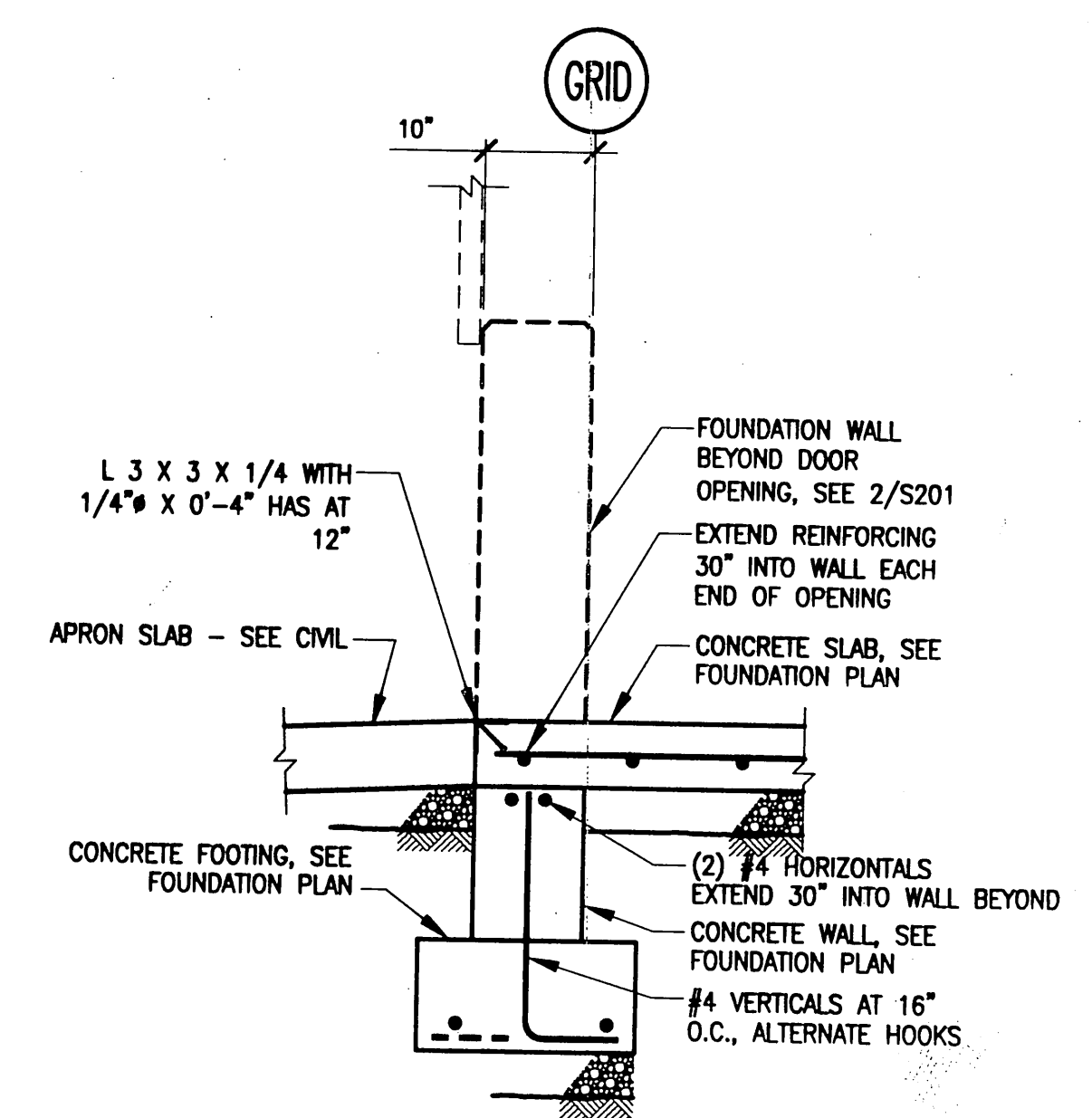
6 PILASTER
S201 SCALE: 3/4"=1'-0"



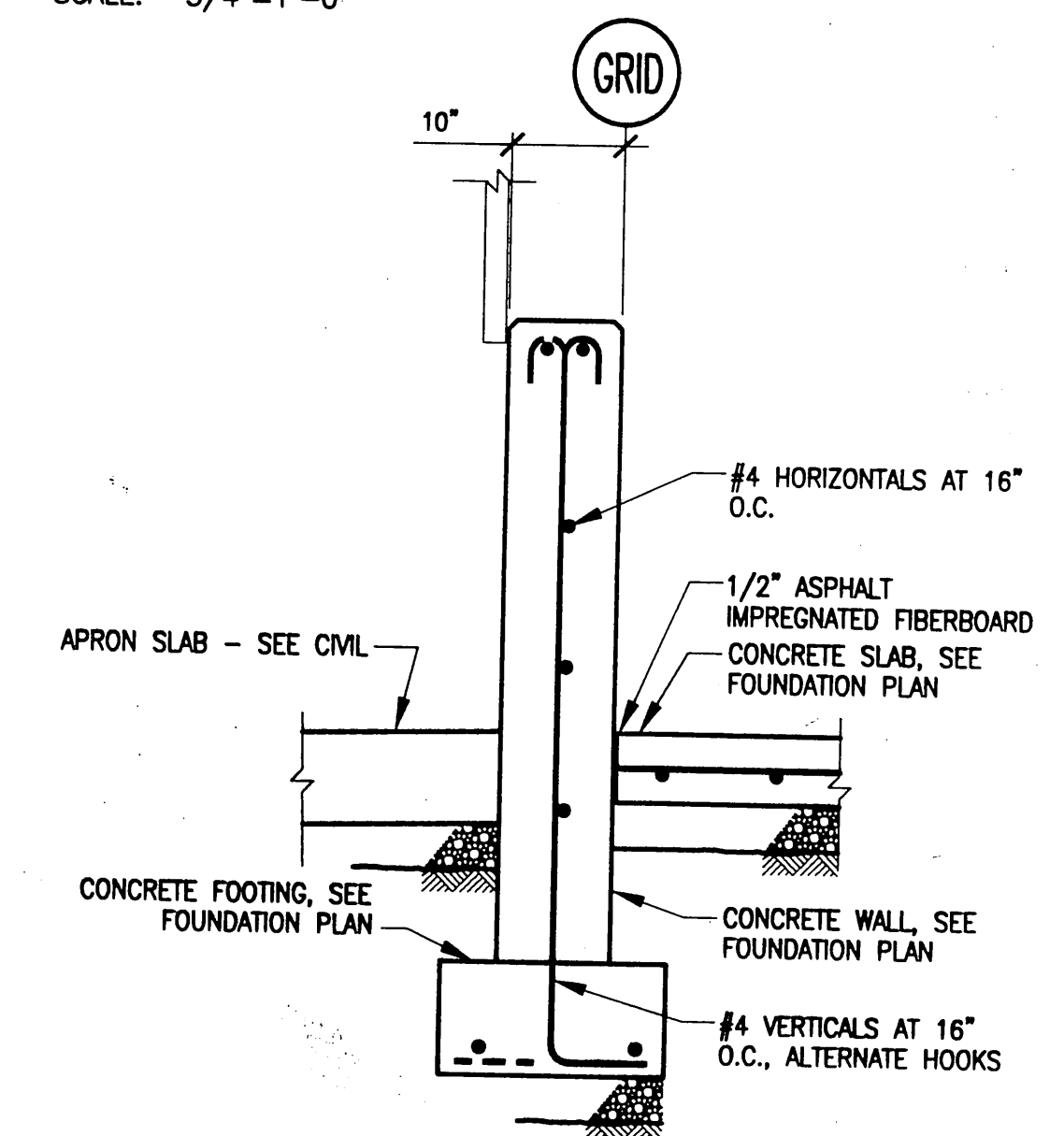
3 EXTERIOR FOUNDATION AT APRON
S201 SCALE: 3/4"=1'-0"



5 GRADE BEAM
S201 SCALE: 3/4"=1'-0"



1 EXTERIOR FOUNDATION WALL AT THRESHOLD
S201 SCALE: 3/4"=1'-0"



2 EXTERIOR FOUNDATION WALL
S201 SCALE: 3/4"=1'-0"

BY:	DATE:	DESCRIPTION OF CHANGE:
X	XXXXXX	
X	XXXXXX	
X	XXXXXX	

RECORD OF REVISIONS

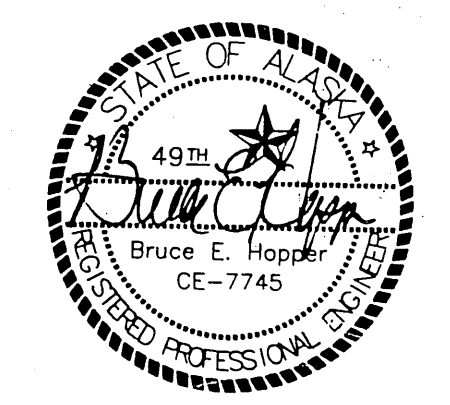
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

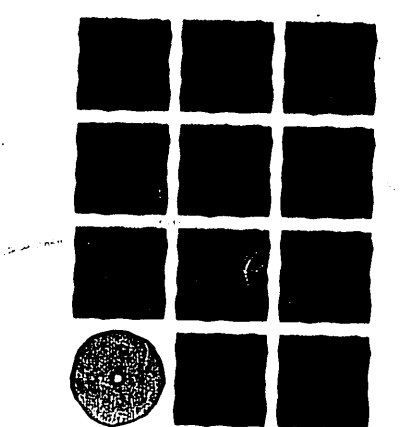
DESIGNED BY:
DRAWN BY:
CHECKED BY:

S201
PROJECT NO. 67507
AIP 3-02-0268-1402
DATE: November 30, 2001
SHEET 17 OF 27

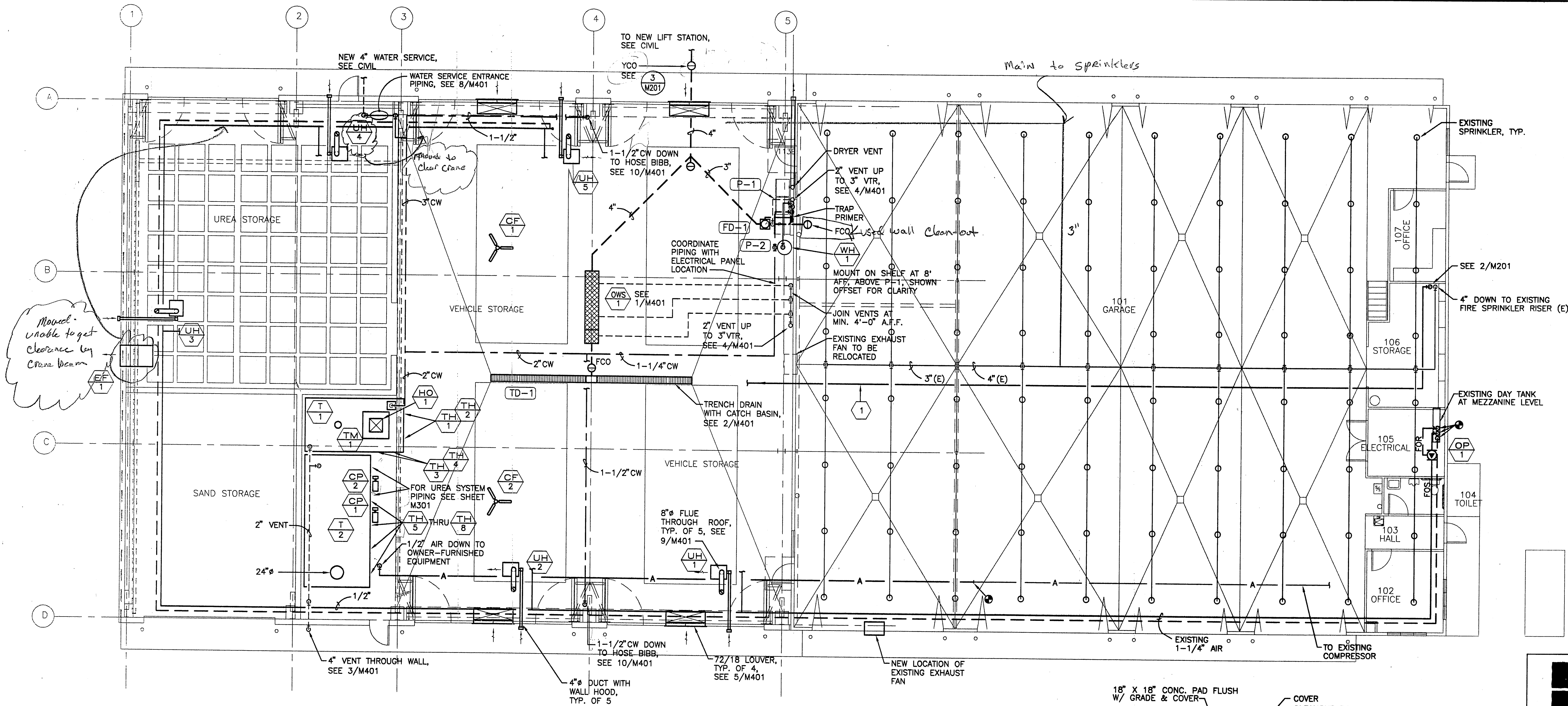
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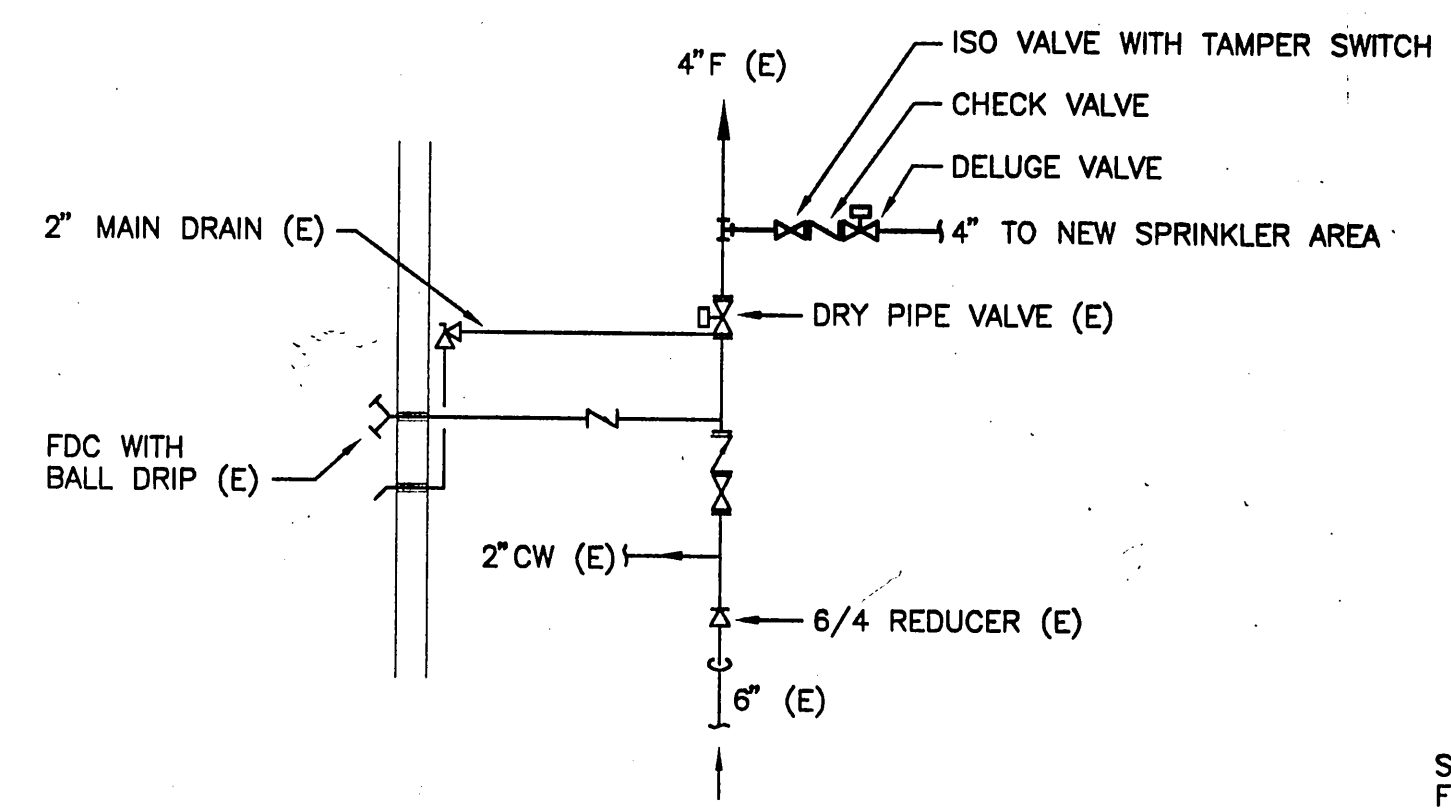


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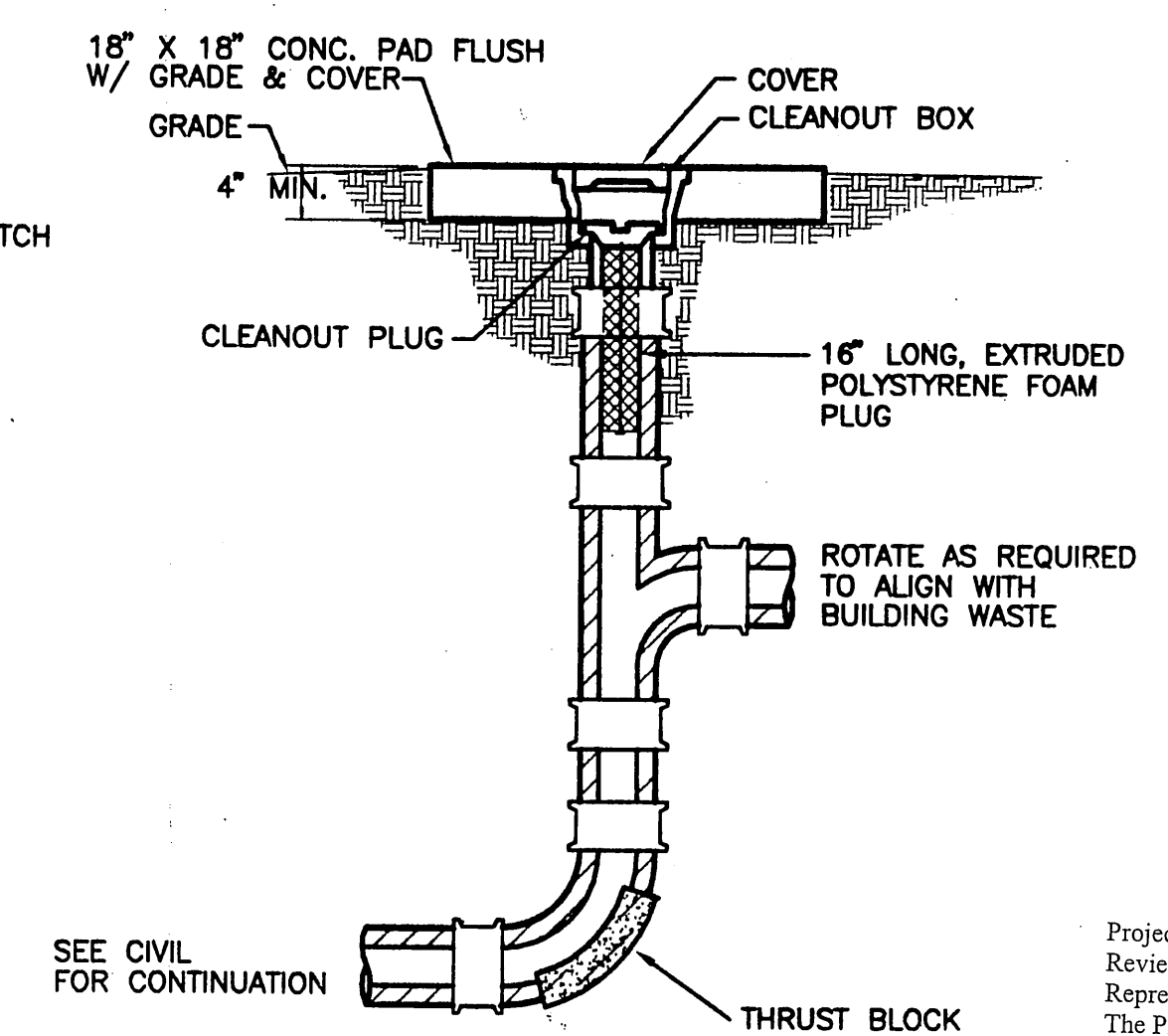


1 MECHANICAL FLOOR PLAN
 SCALE: 1/8"=1'-0"

SHEET NOTES
 1 NEW 4" FIRE PIPE AT CEILING TO SERVE NEW ADDITION.



2 SPRINKLER RISER DETAIL
 SCALE: 1/8"=1'-0"



3 YARD CLEANOUT DETAIL
 SCALE: 1/8"=1'-0"

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STATE OF ALASKA
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SITKA AIRPORT
 SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY: HBR
 DRAWN BY: LDS
 CHECKED BY: HBR

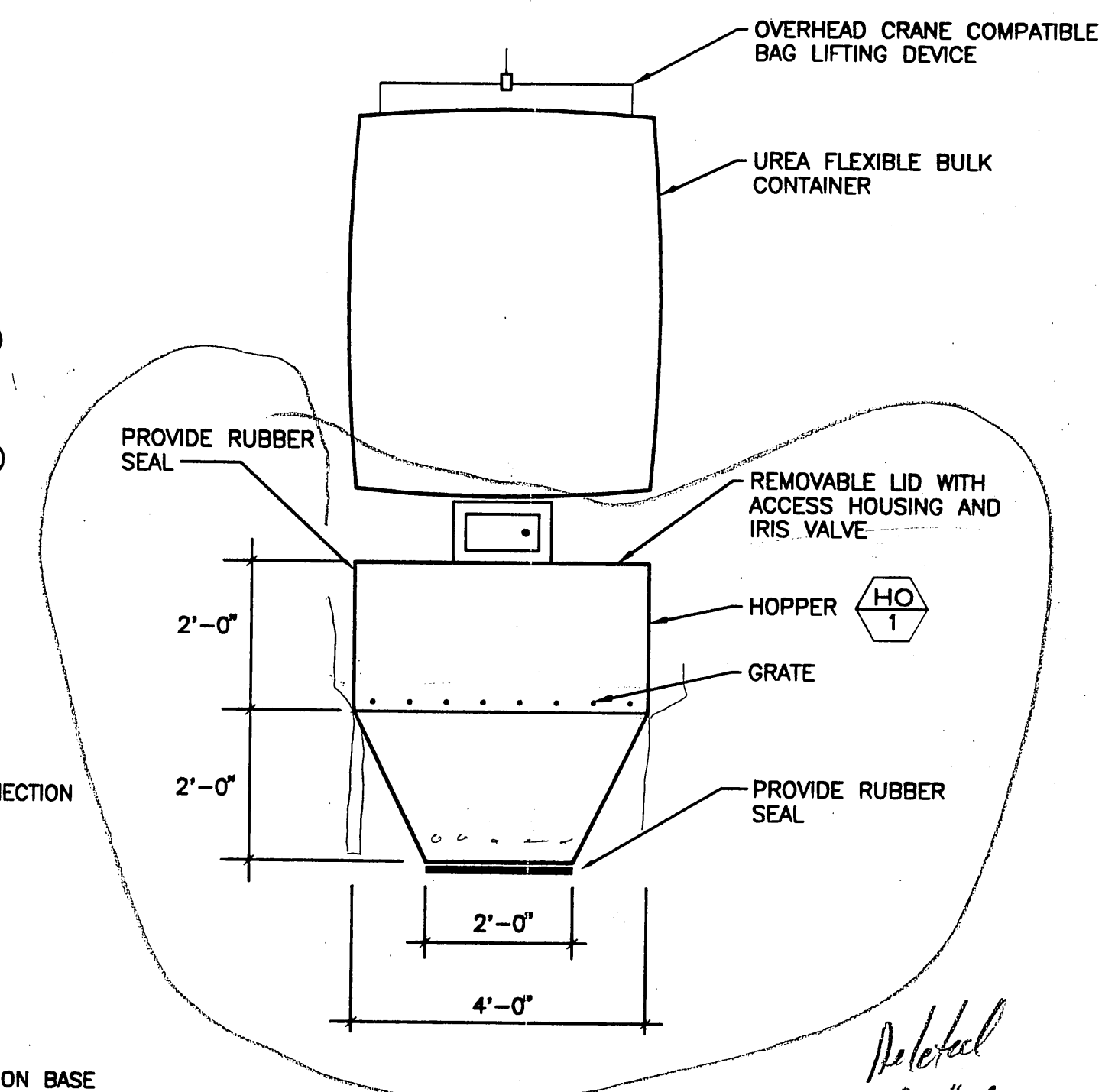
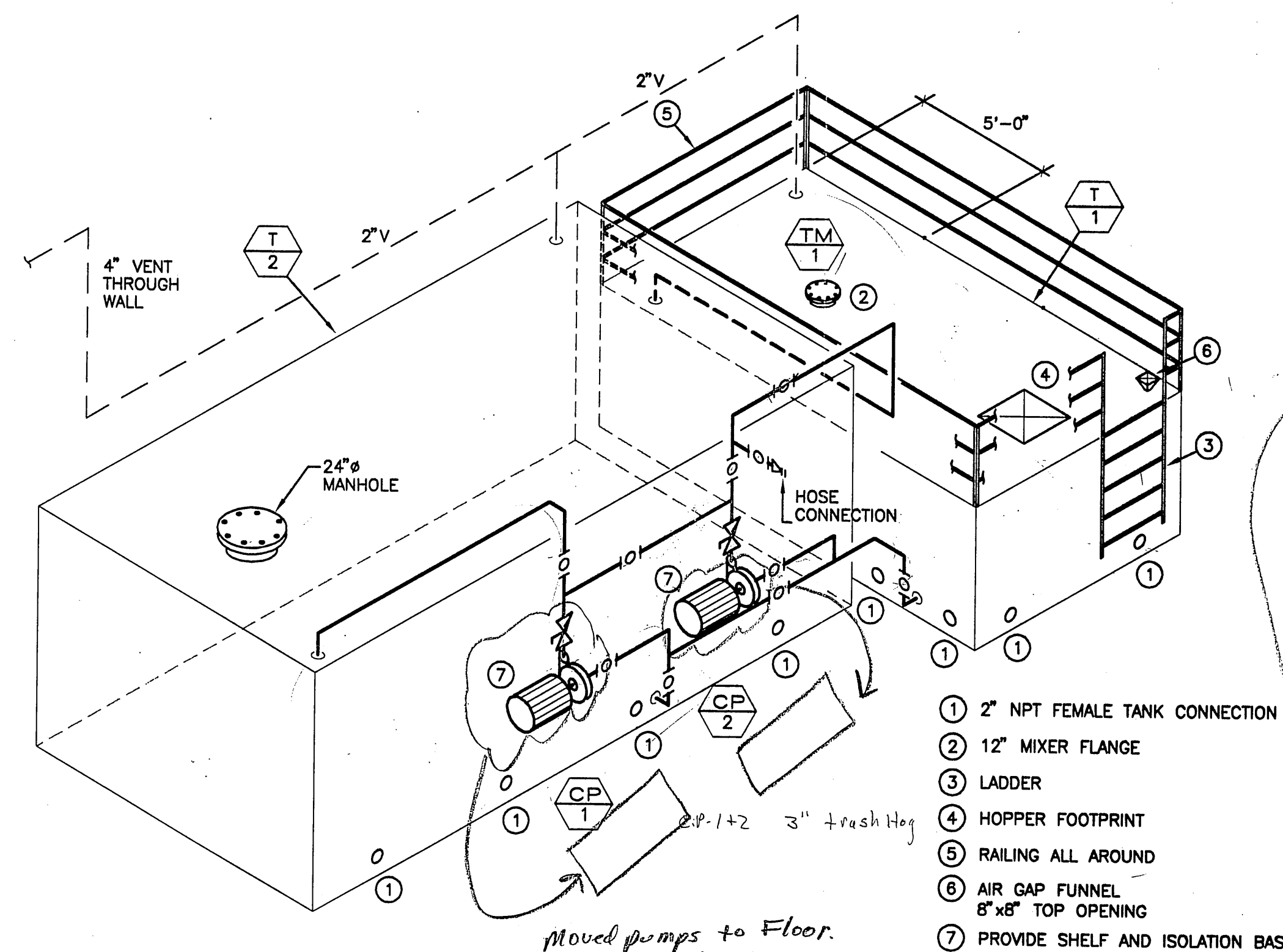
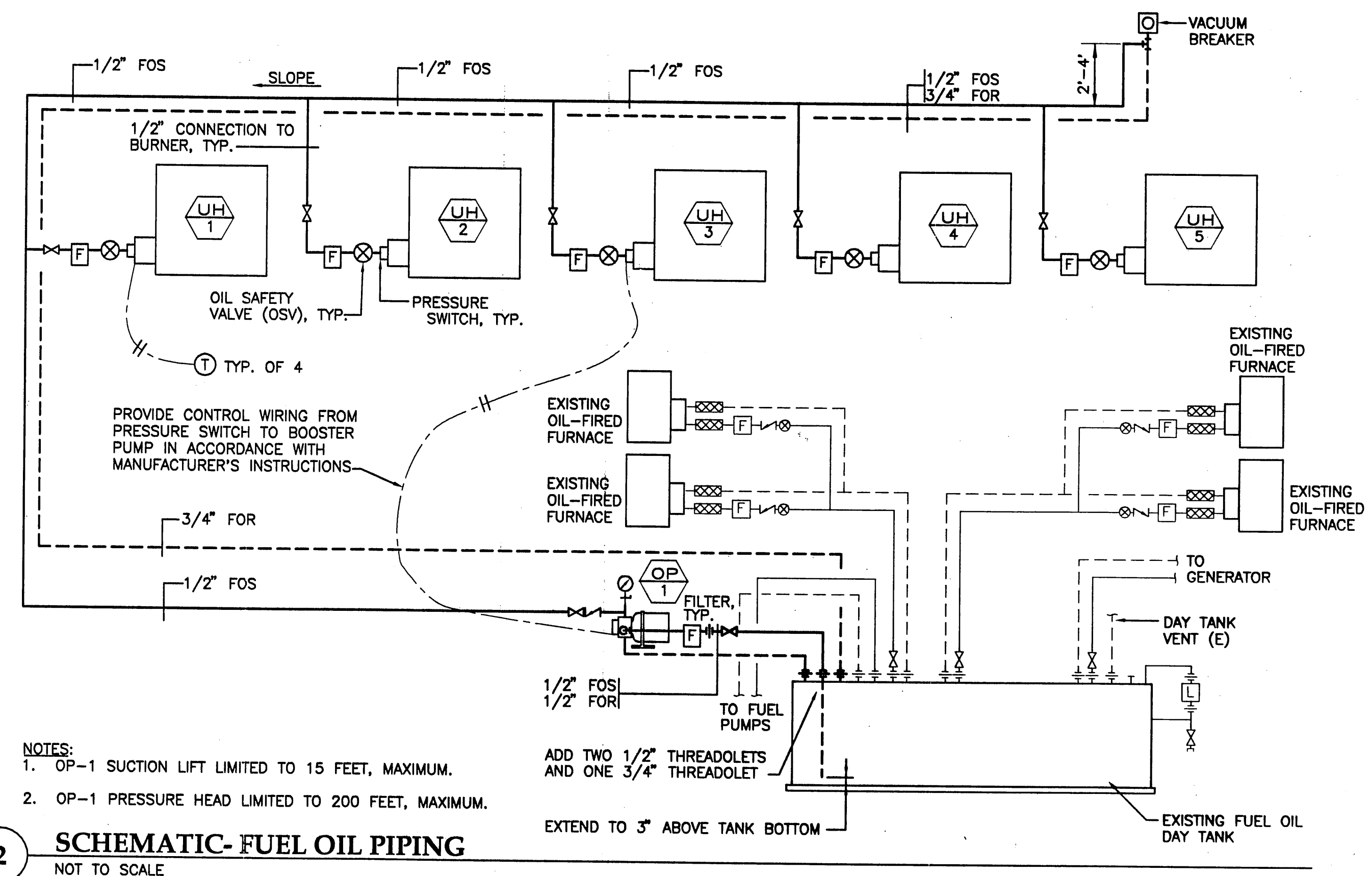
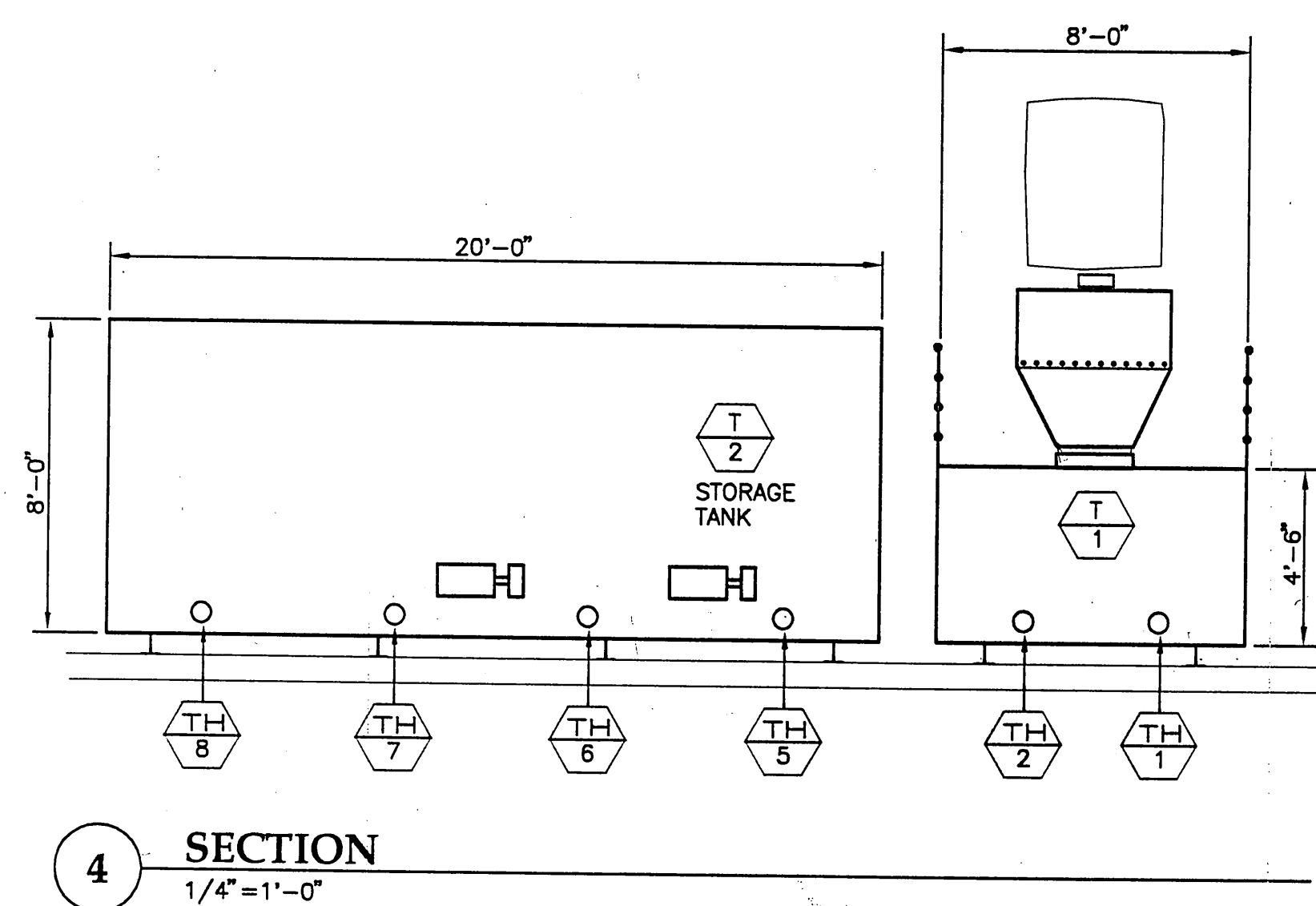
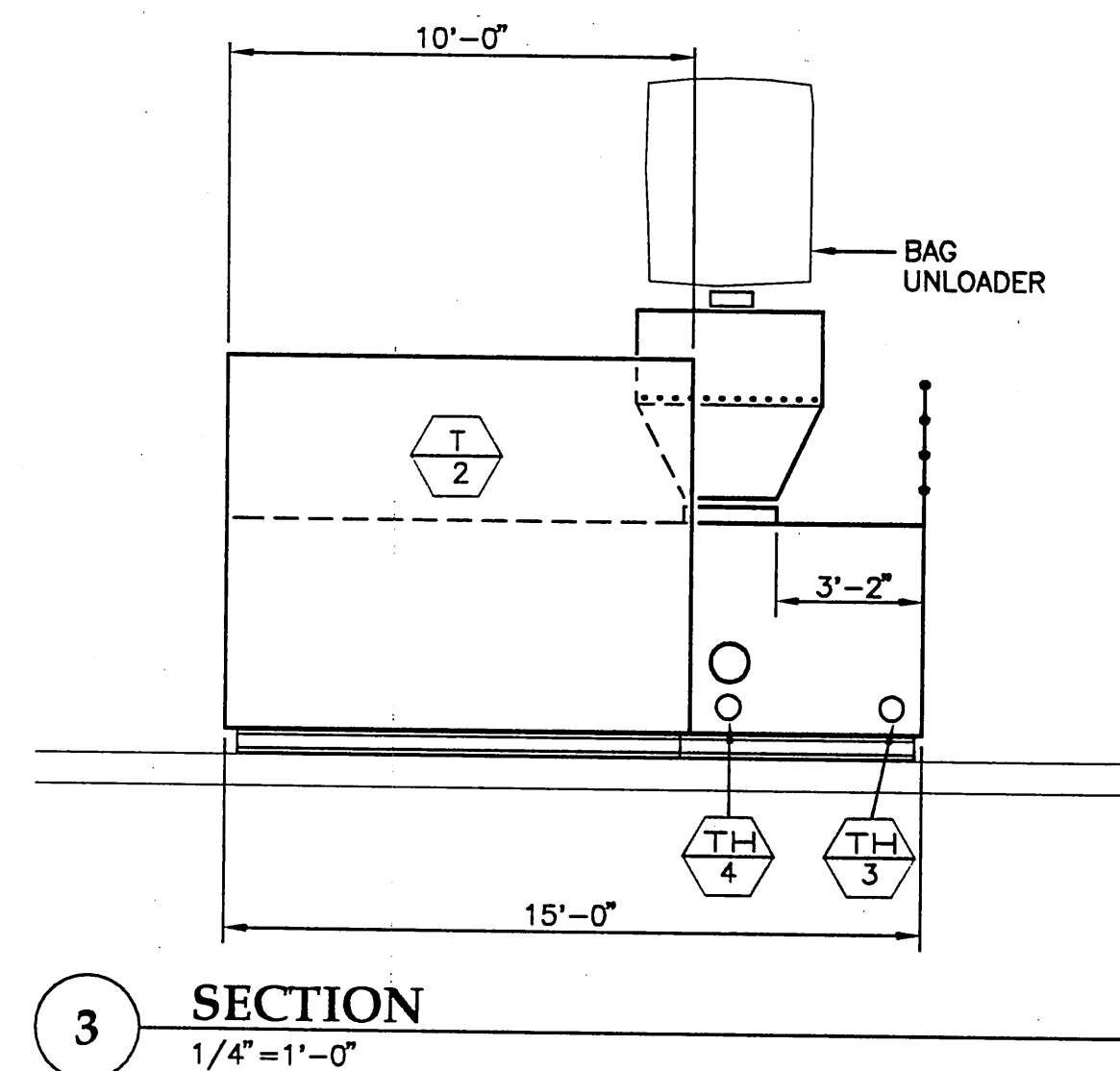
Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.
 Proj. Eng. *[Signature]* Date 12/03
M201
 PROJECT NO. 87507
 AIP 3-02-0268-1402
 DATE: November 30, 2001
 SHEET 19 OF 27

Jensen Yorba Lott Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 phone 907-586-1070
 fax 907-586-3959
 jensenyorbalott.com

NOTE:
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1/25/02

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⁴⁶⁰⁰ *SITKA AIRPORT*
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY:	HBR
DRAWN BY:	LDS
CHECKED BY:	HBR

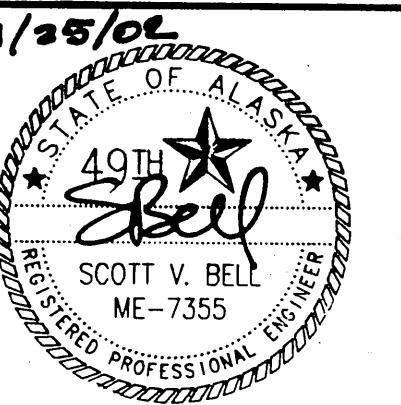
I Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed. Proj. Eng. <i>D. Neill</i> Date <i>4-03</i>	
M301	
PROJECT NO. 67507 AIP 3-02-0268-1402	
DATE: November 30, 2001	
SHEET 20 OF 27	

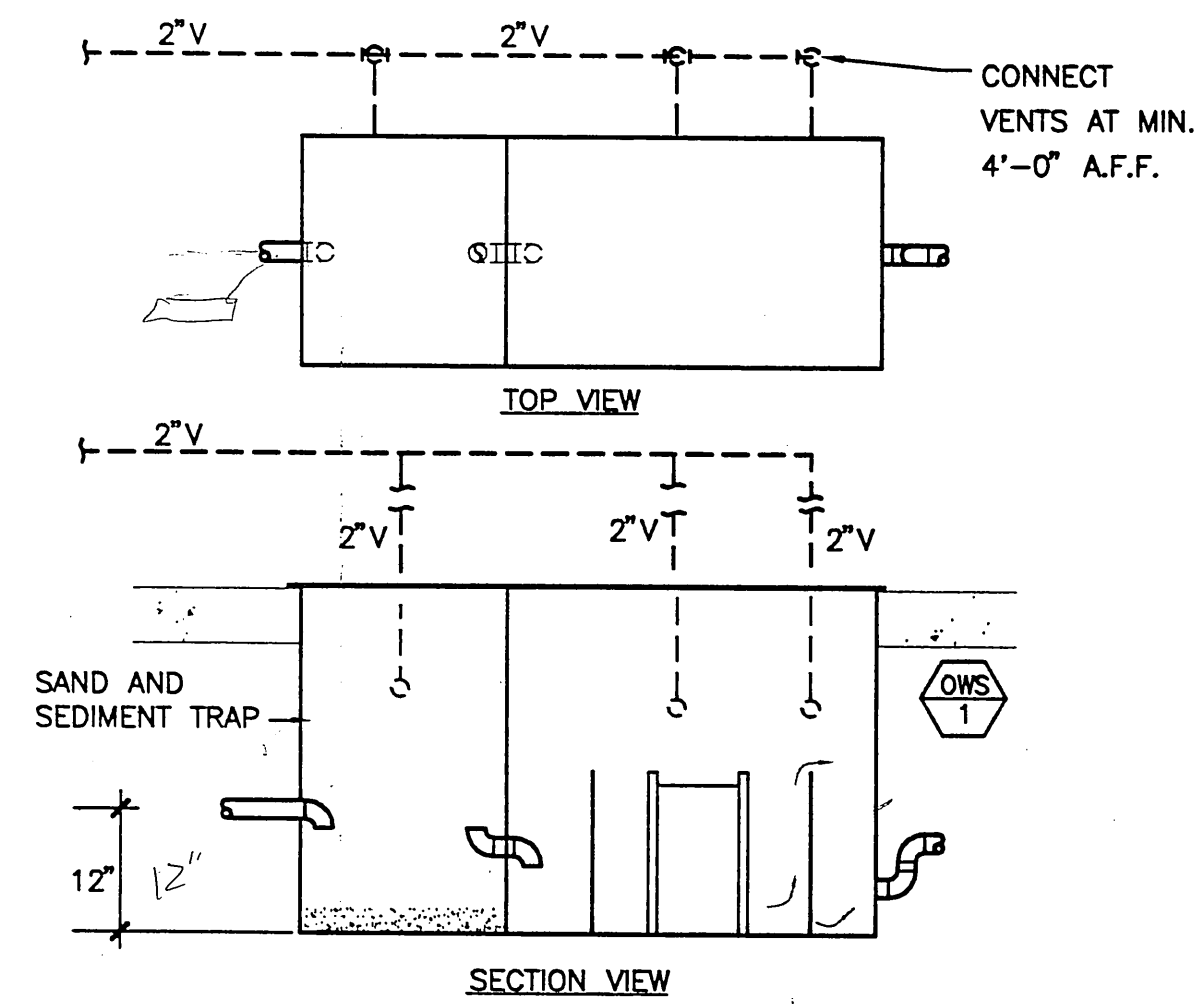


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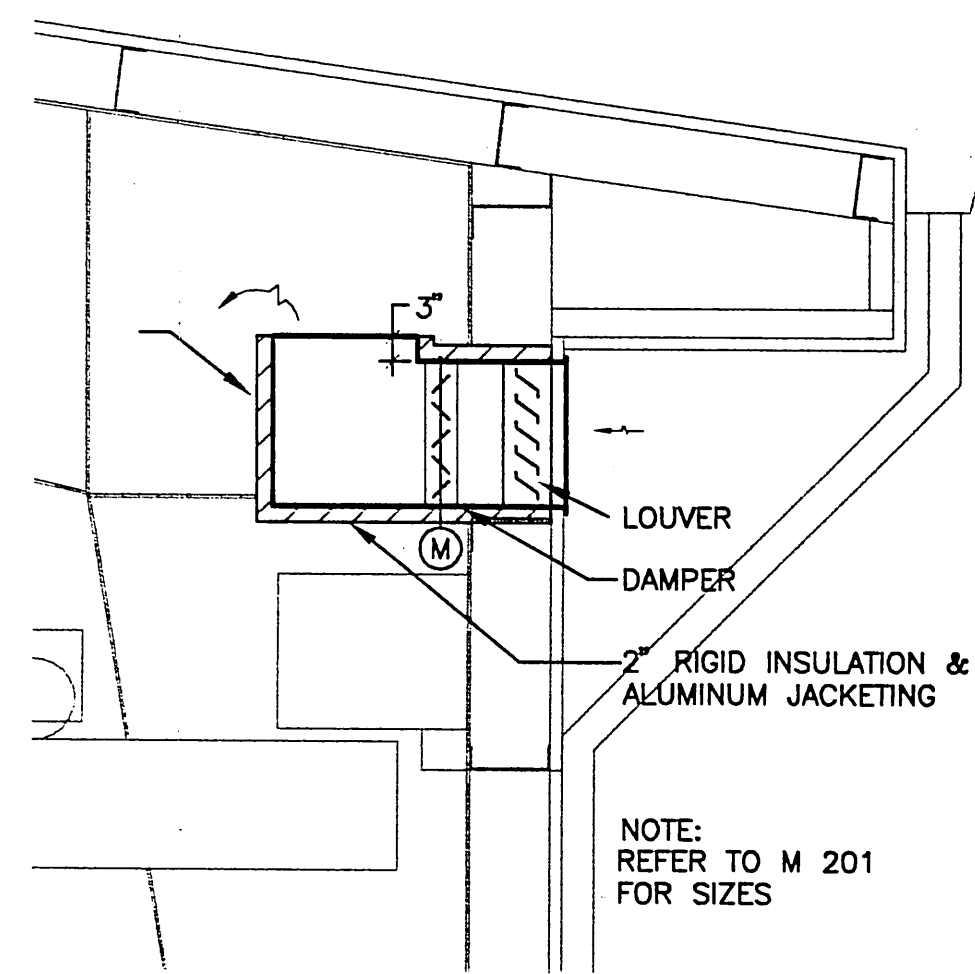
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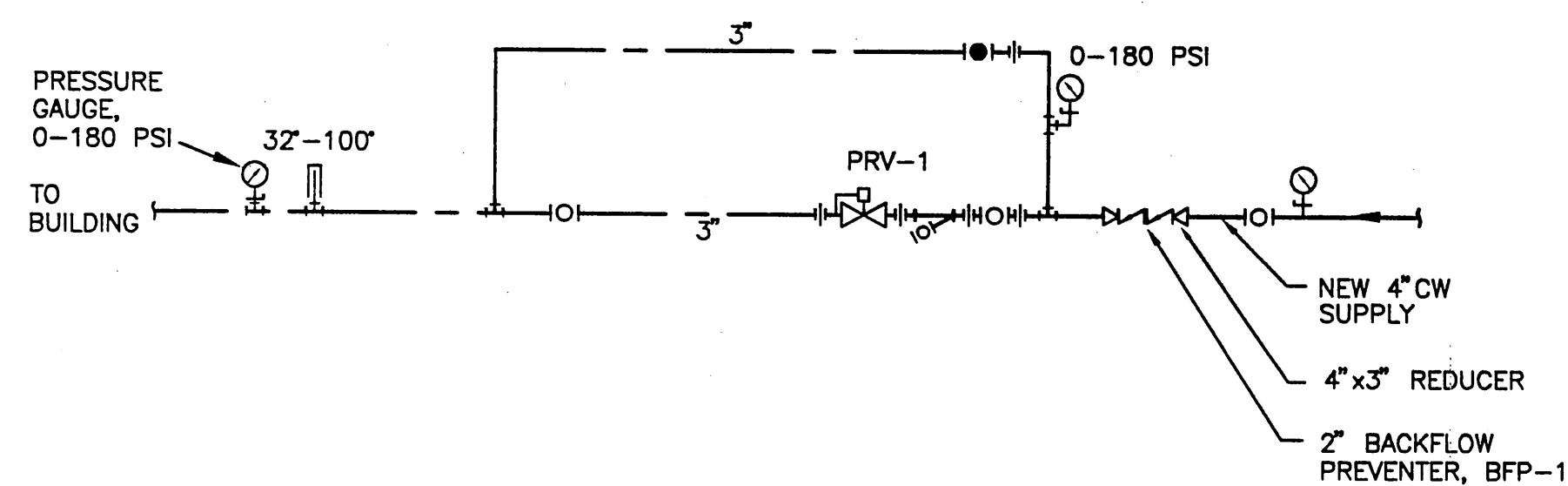




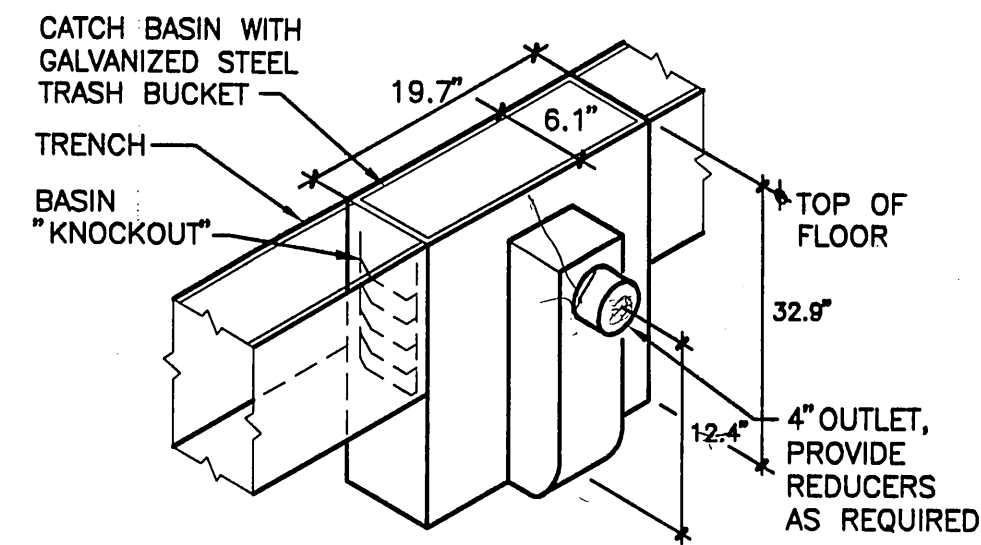
1 OIL WATER SEPARATOR DETAIL
NOT TO SCALE



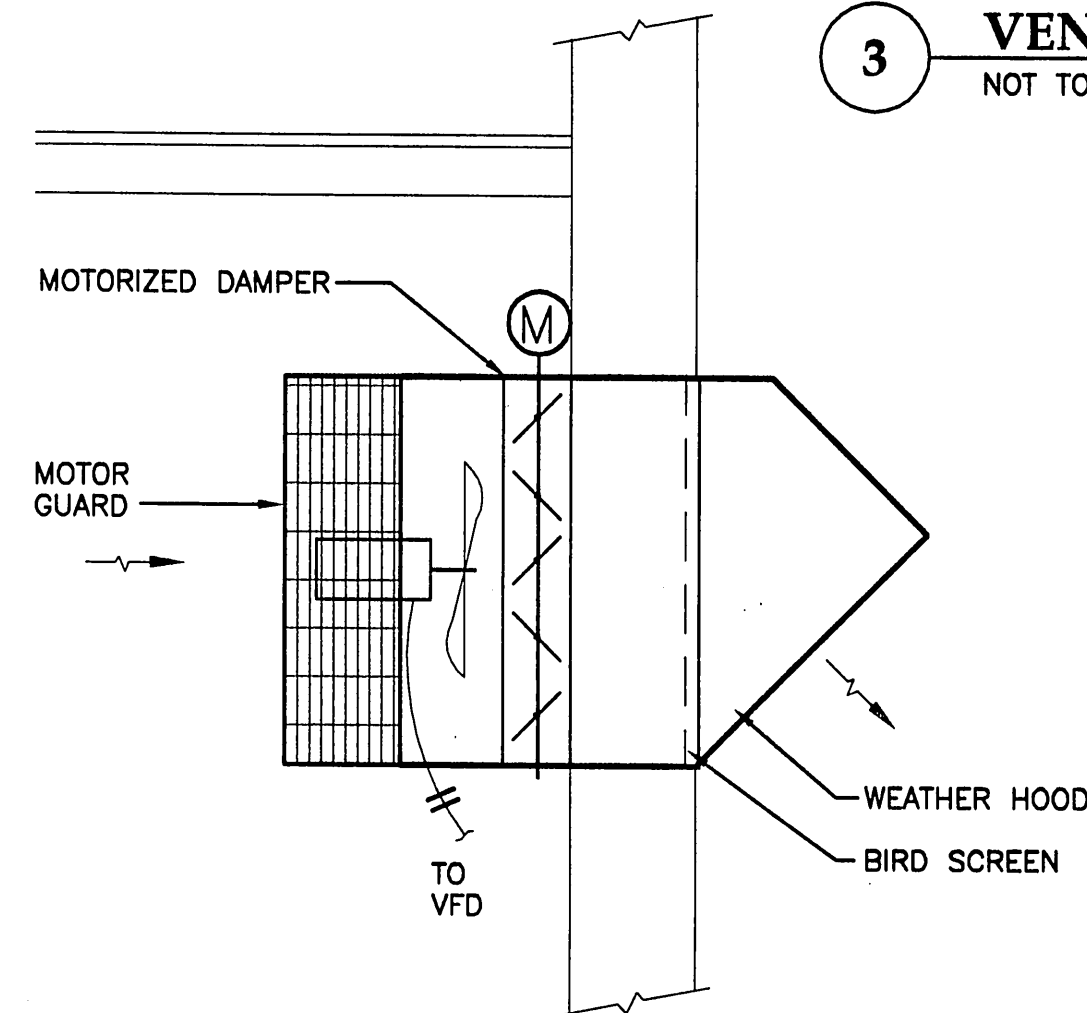
5 OUTSIDE AIR INTAKE DETAIL - TYPICAL
NOT TO SCALE



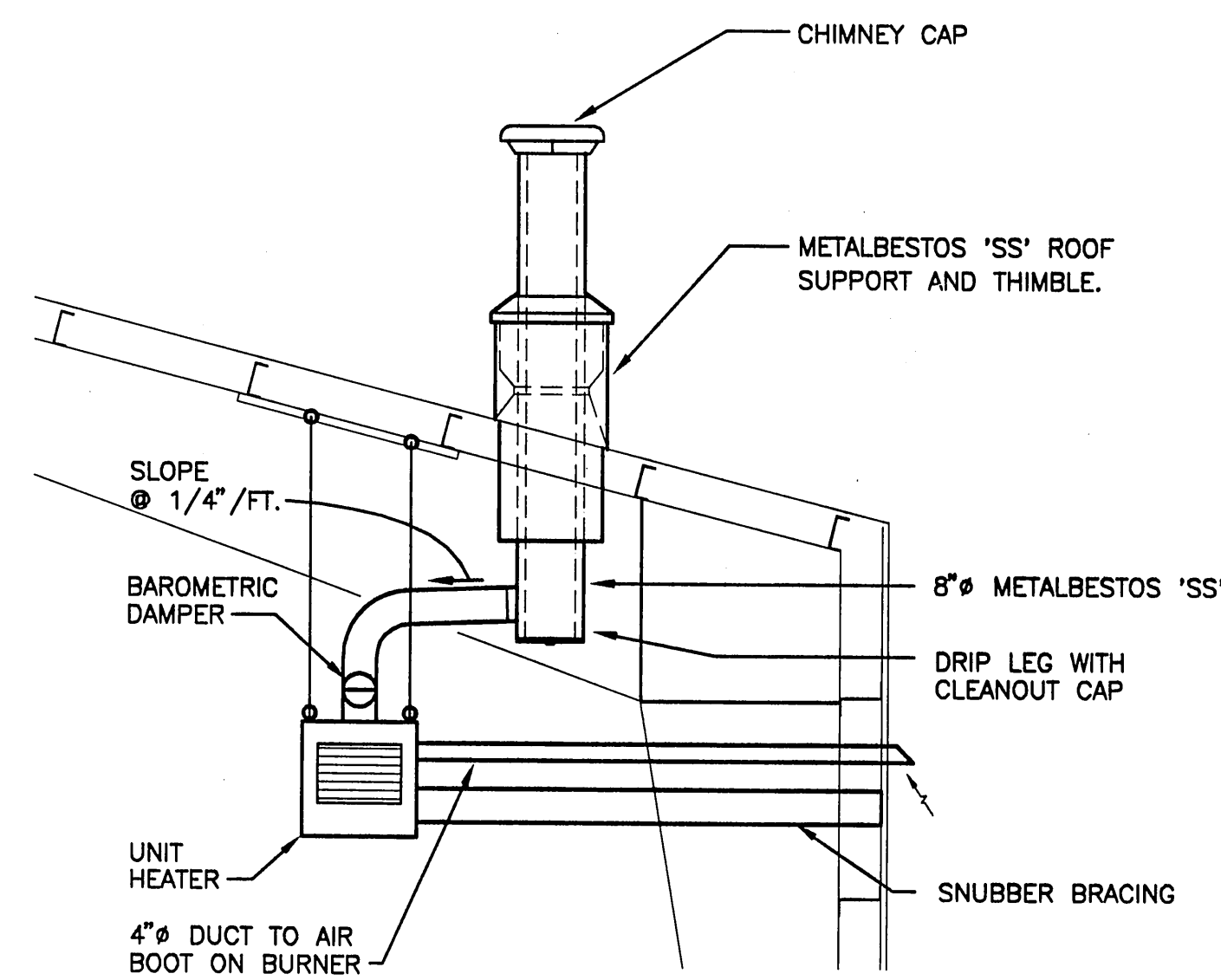
8 WATER SERVICE ENTRANCE DETAIL
NOT TO SCALE



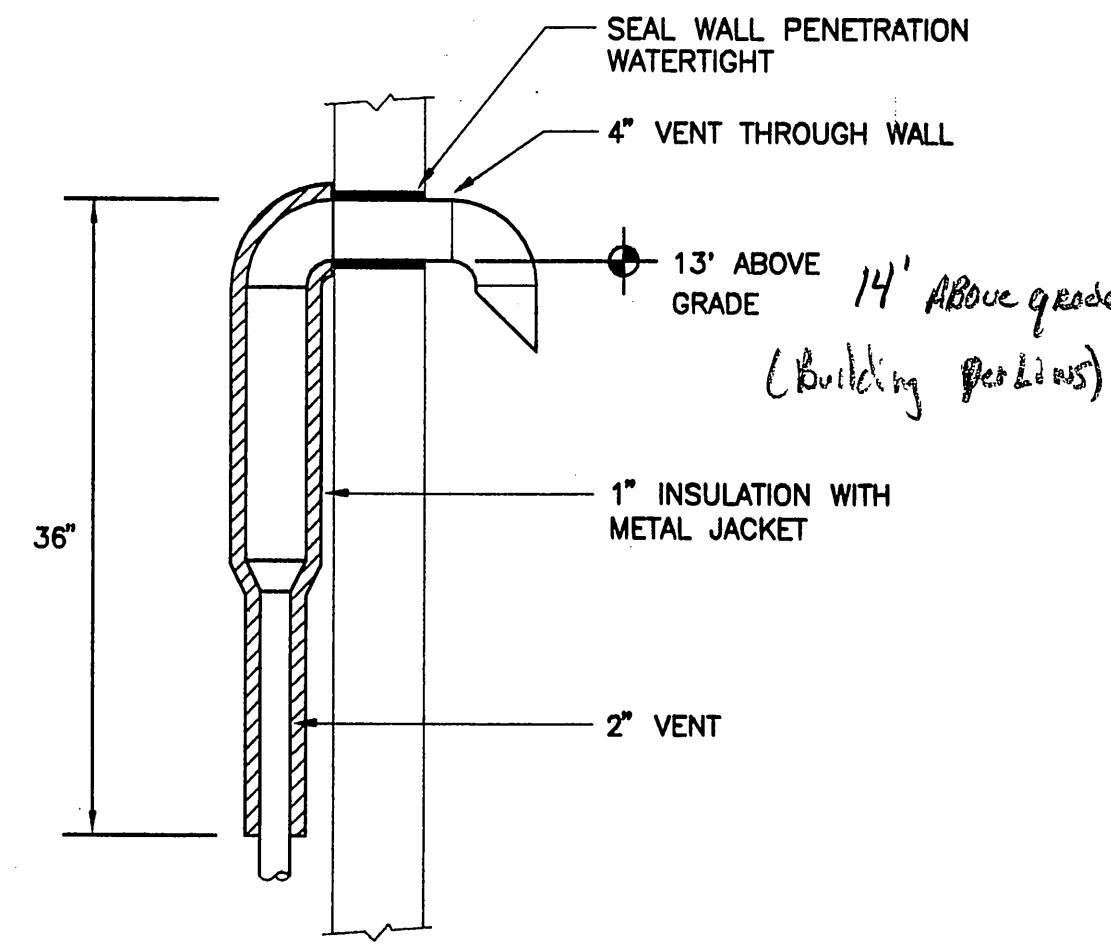
2 TRENCH DRAIN CATCH BASIN DETAIL
NOT TO SCALE



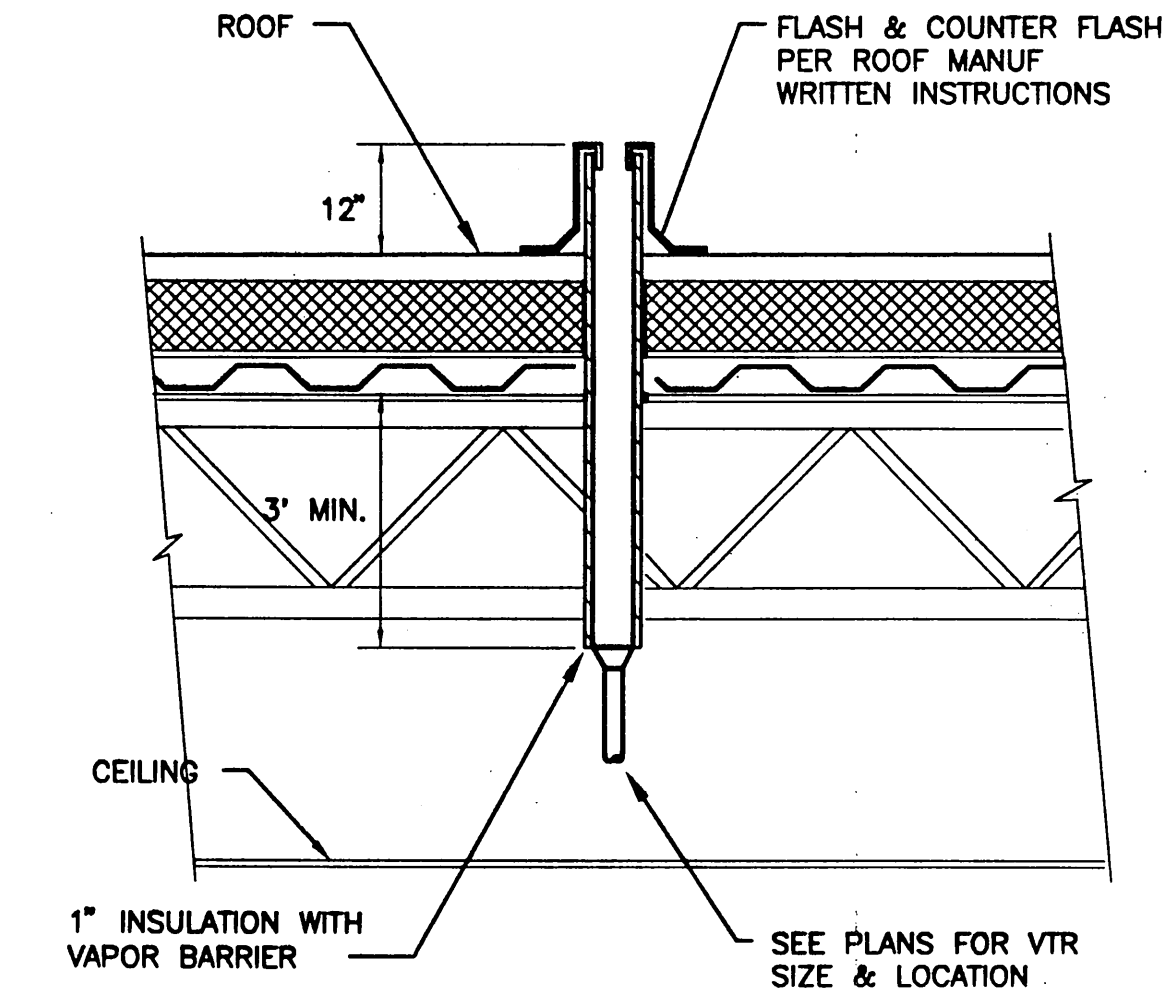
6 NEW EXHAUST FAN DETAIL
NOT TO SCALE



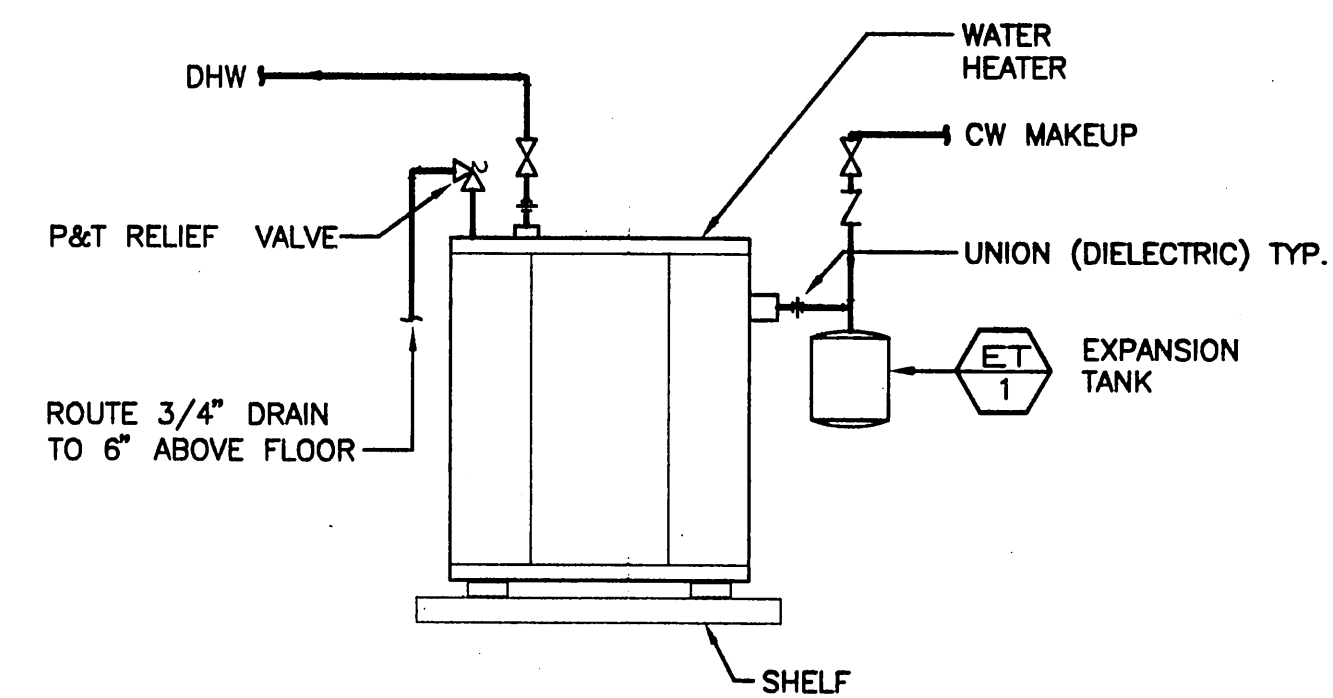
9 OIL FIRED UNIT HEATER DETAIL
NOT TO SCALE



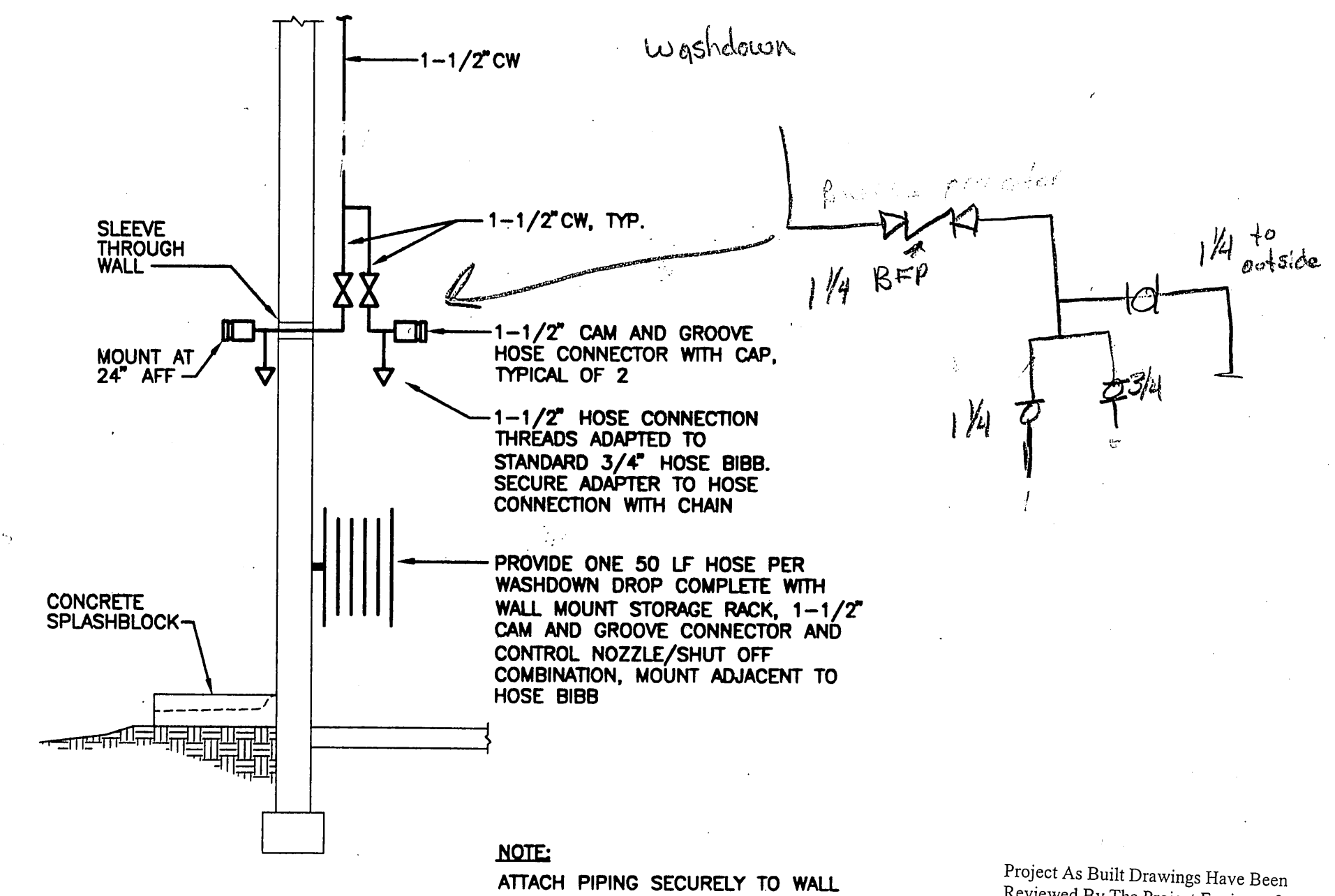
3 VENT THROUGH WALL DETAIL
NOT TO SCALE



4 VTR DETAIL
NOT TO SCALE



7 WATER HEATER DETAIL
NOT TO SCALE



10 WASHDOWN WATER SCHEMATIC
NOT TO SCALE

PATH:		
BY:	DATE:	DESCRIPTION OF CHANGE:
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STATE OF ALASKA
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SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY: HBR
DRAWN BY: LDS
CHECKED BY: HBR

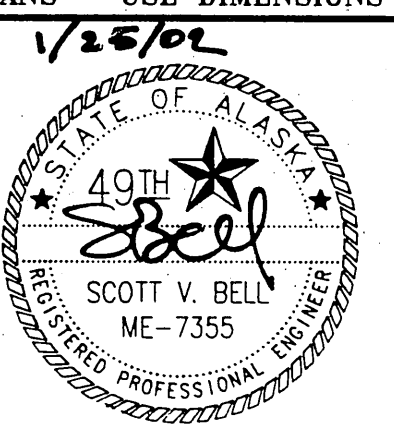
Project As Built Drawings Have Been
Reviewed By The Project Engineer &
Represent, To The Best Of My Knowledge,
The Project As Constructed.
Proj. Eng. J. W. Russell Date 10/2/01

M401
PROJECT NO. 67507
AIP 3-02-0288-1402
DATE:
November 30, 2001
SHEET 21 OF 27

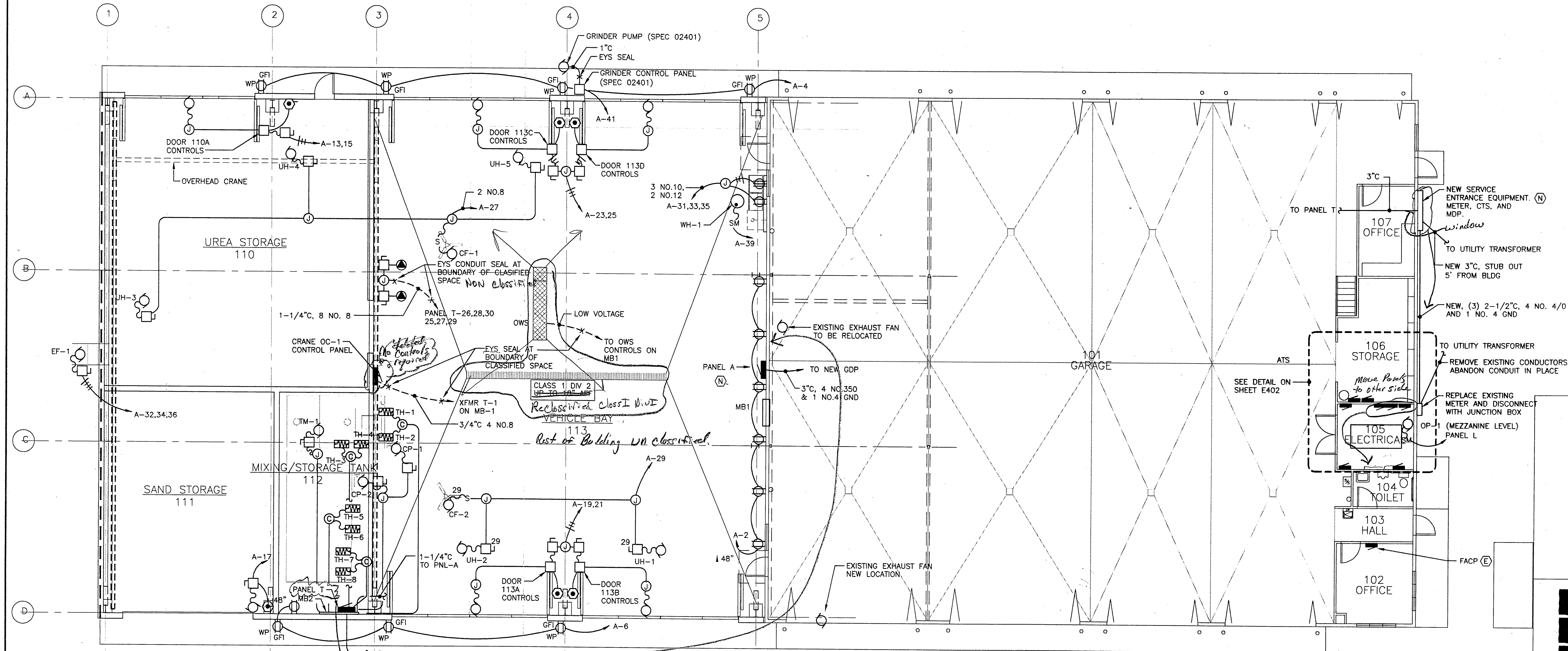
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- NOTES:
- MECHANICAL EQUIPMENT LOCATIONS ARE APPROXIMATE. VERIFY WITH MECHANICAL PLANS FOR EXACT LOCATION.
 - RECONNECT EXISTING FAN POWER AND CONTROLS TO FAN AT NEW LOCATION.
 - COORDINATE WASHER RECEPTACLE LOCATION WITH WATER PIPING TO WATER HEATER MOUNTED ON SHELF ABOVE WASHER.
 - MOUNT DISCONNECT FOR CORD REEL 6" BELOW TOP OF CONCRETE RETAINING WALL. WALL MOUNT CORD REEL DIRECTLY BELOW DISCONNECT.

1 FLOOR PLAN - POWER

SCALE: 0 4' 8' 16'

LEGEND

- MOTOR CONNECTION
- PANELBOARD
- DUPLEX RECEPTACLE
- DISCONNECT
- INTERIOR WALL MOUNTED LUMINAIRE
- EXTERIOR WALL MOUNTED LUMINAIRE
- CEILING MOUNTED LUMINAIRE
- MANUAL STARTER
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- FOUR WAY SWITCH
- EXISTING
- NEW
- MANUAL PULL STATION
- HORN/STROBE
- HEATER

GENERAL

- HOMERUN
- CONDUIT: 1/2" UON
- UNGROUNDED CONDUCTORS
- NEUTRAL: #10 WITH DOT, #12 OTHERWISE
- GROUND CONDUCTOR
- CONDUCTORS NOT SHOWN WHERE ONLY #12 NEUTRAL AND UNGROUNDED CONDUCTOR ARE REQUIRED
- CONDUIT IN FLOOR
- FLEXIBLE CONDUIT
- EMERGENCY LIGHT
- EXIT LIGHT
- TELEPHONE
- SPEAKER - WALL MOUNT
- JUNCTION BOX
- CONDULET

- OWS OIL/WATER SEPARATOR
- HOA HAND-OFF-AUTO SWITCH
- NS NON-SWITCHED
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- WP WEATHER PROOF
- MB MOUNTING BOARD
- ① HEAT DETECTOR
- ② SMOKE DETECTOR
- PE PHOTO EYE
- ⬢ DOOR BUTTONS
- ⬢ CORD REEL

Project As Built Drawings Have Been Reviewed By The Project Engineer & Represent, To The Best Of My Knowledge, The Project As Constructed.

Proj. Eng. *[Signature]* Date *11/23*

E201

PROJECT NO. 67507
AIP 3-02-0268-1402

DATE:
NOV 30, 2001

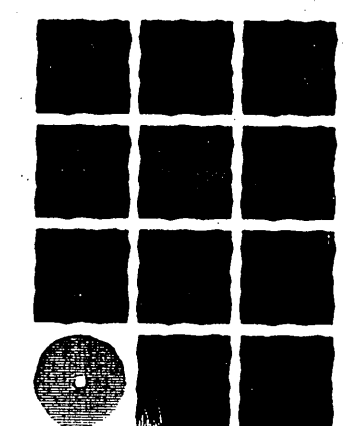
SHEET 22 OF 27

DESIGNED BY: MAS

DRAWN BY: PEL/DRP

CHECKED BY: TSM

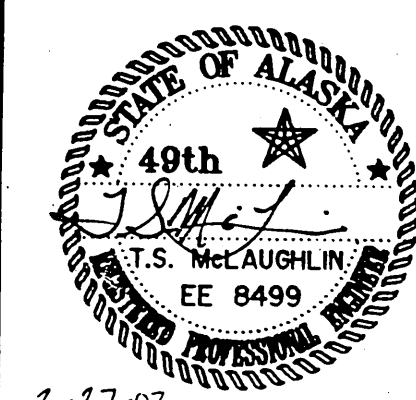
HAIGHT & McLAUGHLIN, INC.
CONSULTING ENGINEERS
418 Harris Street, Juneau, Alaska 99801/907-586-9786



Jensen
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Inc.

522 West 10th Street
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fax 907-586-3959
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BY:		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

PANEL-T (NEW)			SIZE		VOLTS/PHASE				MAIN		LOCATION		MOUNT	
			400 AMP		120/208V, 3 PH				LUGS ONLY		MIXING 112		SURFACE	
C K T N O	DESCRIPTION	BREAKER AMP/ POLE	KVA				BREAKER AMP/ POLE	DESCRIPTION	C K N O					
			CKT	AØ	BØ	CØ								
1	TH-1 (MIXING TANK)	25/3	2.0	4.0			2.0	25/3	TH-5 (STORAGE TANK)	2				
3	---	---	2.0		4.0		2.0	---	---	4				
5	---	---	2.0			4.0	2.0	---	---	6				
7	TH-2 (MIXING TANK)	25/3	2.0	4.0			2.0	25/3	TH-6 (STORAGE TANK)	8				
9	---	---	2.0		4.0		2.0	---	---	10				
11	---	---	2.0			4.0	2.0	---	---	12				
13	TH-3 (MIXING TANK)	25/3	2.0	4.0			2.0	25/3	TH-7 (STORAGE TANK)	14				
15	---	---	2.0		4.0		2.0	---	---	16				
17	---	---	2.0			4.0	2.0	---	---	18				
19	TH-4 (MIXING TANK)	25/3	2.0	4.0			2.0	25/3	TH-8 (STORAGE TANK)	20				
21	---	---	2.0		4.0		2.0	---	---	22				
23	---	---	2.0			4.0	2.0	---	---	24				
25	UREA TRUCK HEATER 3	40/3	4.0	8.0			4.0	40/3	UREA TRUCK HEATER 1	26				
27	---	---	4.0		8.0		4.0	---	---	28				
29	---	---	4.0			8.0	4.0	---	---	30				
31	RAMP FLOOD LIGHTS	20/1*	1.2	1.2			0.0	---	SPACE	32				
33	SPACE	---	0.0		0.0		0.0	---	SPACE	34				
35	SPACE	---	0.0			0.0	0.0	---	SPACE	36				
37	SPACE	---	0.0	0.0			0.0	---	SPACE	38				
39	SPACE	---	0.0		0.0		0.0	---	SPACE	40				
41	SPACE	---	0.0			0.0	0.0	---	SPACE	42				
BALANCED CONNECTED LOAD = 73.2 KVA / 203 AMPS			25.2	24.0	24.0									
MAXIMUM CONNECTED LOAD = 73.2 KVA / 210 AMPS														

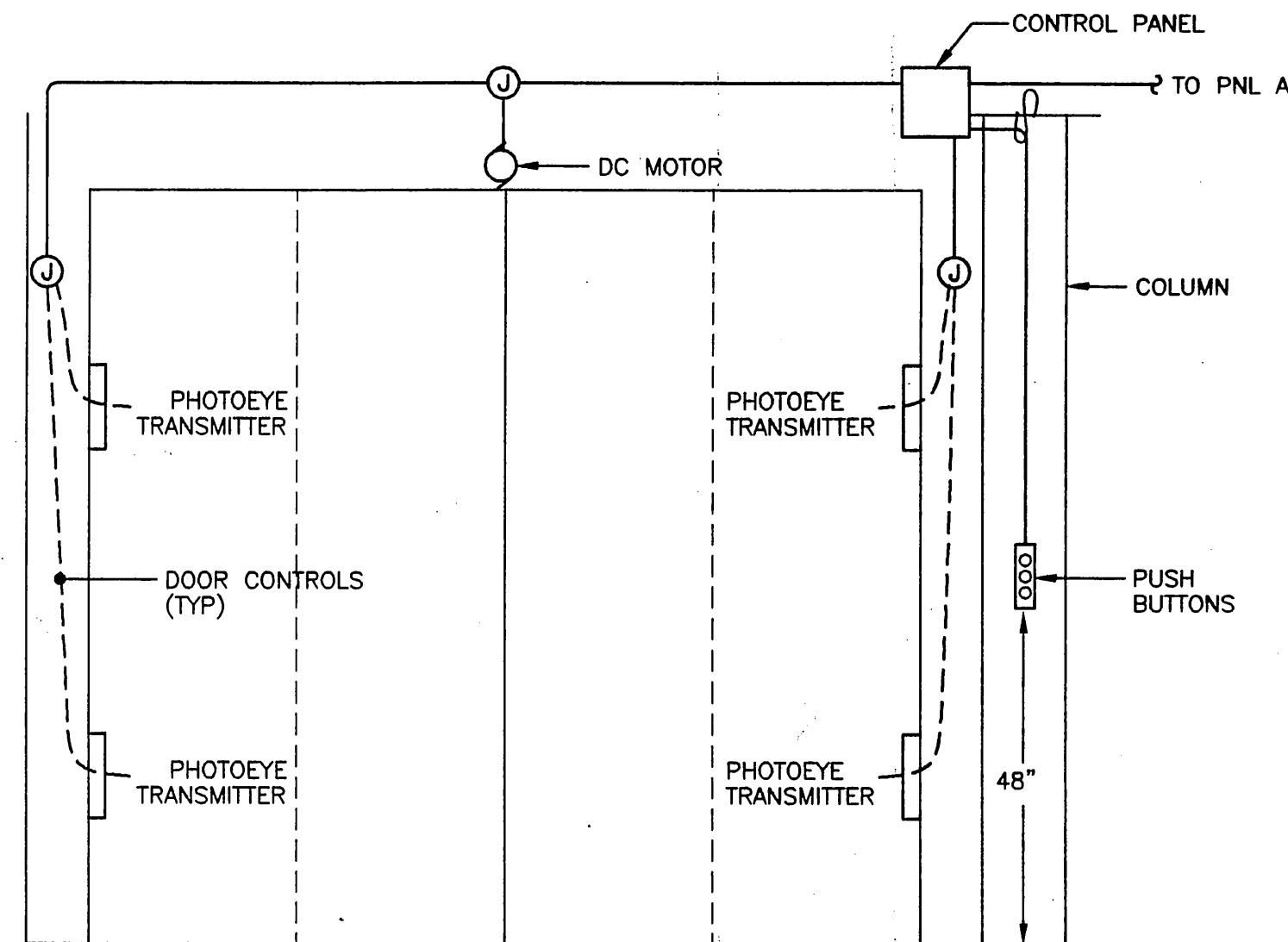
* HID CIRCUIT BREAKER

PANEL-A (NEW)			SIZE	VOLTS/PHASE				MAIN	LOCATION	MOUNT	
			400 AMPS	120/208V, 3 PH				LUGS ONLY**	VEHICLE BAY 113	SURFACE	
C K T N O	DESCRIPTION		BREAKER AMP/ POLE	KVA				BREAKER AMP/ POLE	DESCRIPTION	C K N O	
			CKT	AØ	BØ	CØ	CKT				
1	SOUTH WALL	LTG	20/1*	0.9	1.8			0.9	20/1 GFI VEHICLE BAY 113	2	
3	CENTER HIBAY		20/1*	1.9		2.8		0.9	20/1 EAST EXTERIOR	4	
5	CENTER HIBAY		20/1*	1.9			2.8	0.9	20/1 WEST EXTERIOR / MIX / STORAGE 112	6	
7	CENTER HIBAY		20/1*	1.9	4.8			2.9	50/3 CP-1 (7.5 HP)	8	
9	NORTH WALL		20/1*	1.7		4.6		2.9	--	--	10
11	EXTERIOR		20/1*	1.4			4.3	2.9	--	--	12
13	DOOR 110A	} Doors 110 A	20/2	0.7	3.6			2.9	50/3 CP-2 (7.5 HP)		14
15	--		--	0.7		3.6		2.9	--	--	16
17	DOOR 111A, (1/2 HP)		20/1	1.2			4.1	2.9	--	--	18
19	DOORS 113A & 113B		20/2	1.4	2.7			1.3	20/3 TM-1 (3 HP)		20
21	--		--	1.4		2.7		1.3	--	--	22
23	DOORS 113C & 113D		20/2	1.4			2.7	1.3	--	--	24
25	--		--	1.4	1.4			0.0	20/1 SPARE		26
27	CF-1, UH-3, UH-4, UH-5		30/1	2.8		2.8		0.0	20/1 SPARE		28
29	CF-2, UH-1, UH-2		20/1	1.9			1.9	0.0	20/1 SPARE		30
31	WASHER		20/1	1.2	1.9			0.7	15/3 EF-1: (1-1/2 HP)		32
33	DRYER		30/2	2.5		3.2		0.7	--	--	34
35	--		--	2.5			3.2	0.7	--	--	36
37	OWS CONTROL PANEL		20/1	0.2	3.3			3.1	60/3 OVERHEAD CRANE, OC-1		38
39	WH-1		20/1	1.7		4.8		3.1	--	--	40
41	GRINDER PUMP		30/1	1.9			5.0	3.1	--	--	42
BALANCED CONNECTED LOAD = 68.0 KVA / 189 AMPS					19.5	24.5	24.0				
MAXIMUM CONNECTED LOAD = 68.0 KVA / 204 AMPS											

* HID CIRCUIT BREAKER **PROVIDE DOUBLE LUGS FOR FUTURE PANEL

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	LAMPS	REMARKS
A	PENDANT MOUNT HID HIGHBAY INDUSTRIAL w/ PRISMATIC GLASS REFLECTOR, 1 LAMP	HOLOPHANE PRSL-400PM-12-PD-G40	(1) 400W MH 3700K, CRI 70	MOUNT @ 15'-0" AFF TO BOTTOM OF LUMINAIRE
B1	EXTERIOR HID WALLPACK NON-CUTOFF w/ WIRE GUARD	HOLOPHANE WL2K-70HPS-12-BK-WL2KWG	(1) 70W HPS 2200K, CRI 21	MOUNTING HEIGHT AS NOTED ON PLANS
B2	EXTERIOR HID WALLPACK NON-CUTOFF w/ WIRE GUARD	HOLOPHANE WL3K-250MH-12-BK-WL3KWG	(1) 250W MH 3700K, CRI 70	MOUNTING HEIGHT AS NOTED ON PLANS
C	EXTERIOR HID WALLPACK CUTOFF	GUTH SND-12-50-HP-1	(1) 50W HPS 2200K, CRI 21	MOUNT @ 10'-0" AFF TO BOTTOM OF LUMINAIRE
E	SURFACE EMERGENCY LIGHT w/ NON-METALLIC ENCLOSURE NICKEL CADMIUM BATTERY, & WIRE GUARD	LITHONIA ELU4X N H ELA WG4/8	(2) 8W PAR36 TUNGSTON NSP 8"	MOUNT @ 12'-0" AFF TO BOTTOM OF LUMINAIRE
F	EXTERIOR WALL MOUNT HID FLOOD LIGHT w/VISOR	HOLOPHANE PF-400HP-12-L-W-3-B-C-K	(1) 400W HPS 2200K, CRI 21	MOUNT ABOVE C FIXTURE @ 15'-6" AFG ON WALL BRACKET 18" MIN FROM WALL W/2" SLIP FITTER
⊗	EMERGENCY EXIT LIGHT w/ SELF DIAGNOSTICS	LITHONIA LE S 1 G 120/277 EL N SD LE S 2 G 120/277 EL N SD	LED	MOUNT ABOVE DOOR



ELEVATION - FOLDING DOORS
NO SCALE

MECHANICAL EQUIPMENT SCHEDULE

DESIGNATION			LOAD				CIRCUITING					CONTROL		
ITEM	DESCRIPTION	LOCATION	HP	KW	VOLTS	PHASE	NO.	RATING	CONDUCTORS	DISCONNECT		STARTER SIZE	CONTROL	REMARKS
										SWITCH	FUSE			
TH-1	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-2	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-3	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-4	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-5	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-6	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-7	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
TH-8	TANK HEATER	RM 112	—	6	208	3	—	25/3	4 NO. 10	HD	—	—	ON-OFF	
CP-1	UREA PUMP	RM 112	7.5	—	208	3	—	50/3	3 NO. 8, 1 NO. 12	HD	—	1	ON-OFF	
CP-2	UREA PUMP	RM 112	7.5	—	208	3	—	50/3	3 NO. 8, 1 NO. 12	HD	—	1	ON-OFF	
TM-1	PROPELLER MIXER	RM 112	3	—	208	3	—	20/3	4 NO. 12	HD	—	0	ON-OFF	
WH-1	WATER HEATER	RM 112	1/4	—	120	1	—	15/1	2 NO. 12	—	9	00	SWE	
OC-1	CRANE	RM 113	—	—	208	3	—	60/3	3 NO. 6, 1 NO. 10 GND	HD	—	—	SWC	
OP-1	OIL BOOSTER	MEZZANINE	1/4	—	120	1	—	20/1	2 NO. 12	GD	—	00	ON-OFF	
UH-1	UNIT HEATER	RM 113	1/3	—	120	1	—	30/1	2 NO. 8	GD	—	00	ON-OFF	
CF-1	CEILING FAN	RM 113	—	0.16	120	1	—	20/1	2 NO. 12	SW	—	00	SWF	MOUNT CNTLS ON MB1
EF-1	EXHAUST FAN	RM 110	1.5	—	208	3	—	20/3	4 NO. 12	HD	—	00	VFD	
UH-2	UNIT HEATER	RM 113	1/3	—	120	1	—	20/1	2 NO. 12	GD	—	00	ON-OFF	
UH-3	UNIT HEATER	RM 110	1/3	—	120	1	—	30/1	2 NO. 8	GD	—	00	ON-OFF	
UH-4	UNIT HEATER	RM 110	1/3	—	120	1	—	30/1	2 NO. 8	GD	—	00	ON-OFF	
UH-5	UNIT HEATER	RM 113	1/3	—	120	1	—	30/1	2 NO. 8	GD	—	00	ON-OFF	
CF-2	CEILING FAN	RM 113	—	0.16	120	1	—	20/1	2 NO. 12	SW	—	00	SWF	MOUNT CNTLS ON MB1
OWS	OIL/WATER SEPARATOR	RM 113	—	—	120	1	—	20/1	2 NO. 12	SW	—	—	SWP	MOUNT CNTLS ON MB1
	GRINDER PUMP	EXTERIOR	1	—	120	1	—	30/1	2 NO. 10	GD	—	—	SWP	MOUNT CNTLS ON EXT
	110A DOOR OPERATOR	RM 110	1/2	—	120	1	—	20/1	2 NO. 12	GD	—	—	SWO	
	111A DOOR OPERATOR	RM 111	—	1.3	208	1	—	20/2	3 NO. 12	SWO	—	—	SWE	
	113A DOOR OPERATOR	RM 113	—	1.3	208	1	—	20/2	3 NO. 12	SWO	—	—	SWE	
	113B DOOR OPERATOR	RM 113	—	1.3	208	1	—	20/2	3 NO. 12	SWO	—	—	SWE	
	113C DOOR OPERATOR	RM 113	—	1.3	208	1	—	20/2	3 NO. 12	SWO	—	—	SWE	
	113D DOOR OPERATOR	RM 113	—	1.3	208	1	—	20/2	3 NO. 12	SWO	—	—	SWE	
	WASHER	RM 113	—	1.2	120	1	—	20/1	2 NO. 12	GD	—	—	—	
	DRYER	RM 113	—	5.0	208		—	30/2	3 NO. 10	GD	—	—	—	
	UREA TRUCK HEATER	RM 113	—	12	208	3	—	40/3	4 NO. 8	GD	—	—	—	MOUNT DISC ABOVE REEL
	UREA TRUCK HEATER	RM 113	—	12	208	3	—	40/3	4 NO. 8	GD	—	—	—	MOUNT DISC ABOVE REEL

HD = HEAVY DUTY
GD = GENERAL DUTY
SW = SWITCH
SWC = SUPPLIED WITH CRANE
SWE = SUPPLIED WITH EQUIPMENT
SWP = SUPPLIED WITH PUMP
SWF = SUPPLIED WITH FAN
SWO = SUPPLIED WITH OPERATOR

PATH: .		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

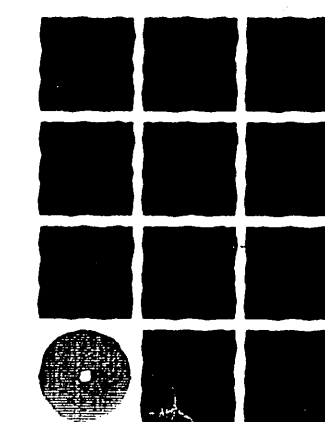
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

DESIGNED BY: MAS
DRAWN BY: PEL/DRP
CHECKED BY: TSM

E202
PROJECT NO. 67507
AIP 3-02-0268-1402
DATE: NOV 30, 2001
SHEET 23 OF 27

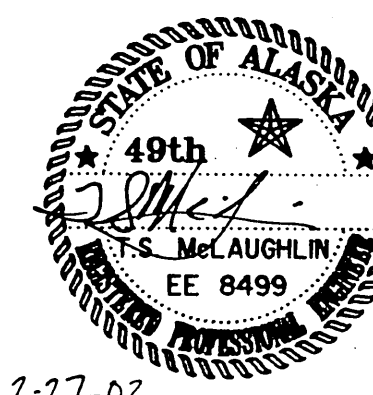
HAIGHT &
McLAUGHLIN, INC.
CONSULTING ENGINEERS
418 Harris Street, Juneau,
Alaska 99801 (907) 586-9788



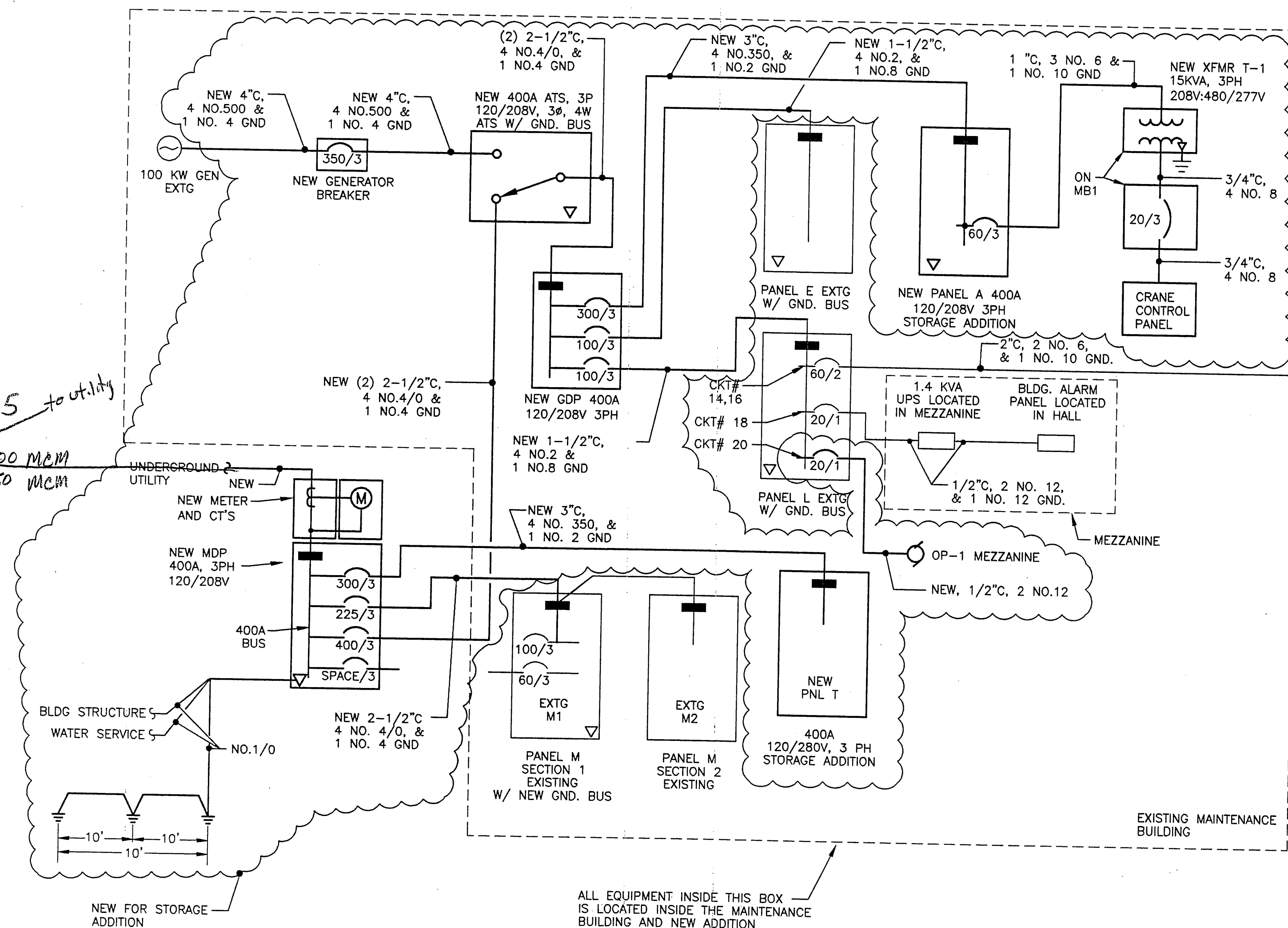
Jensen
Yorba
Lott
Inc.

522 West 10th Street
Juneau, Alaska 99801
phone 907-586-1070
fax 907-586-3959
jensenyorbaltott.com

NOTE:
DO NOT SCALE FROM THESE
PLANS - USE DIMENSIONS



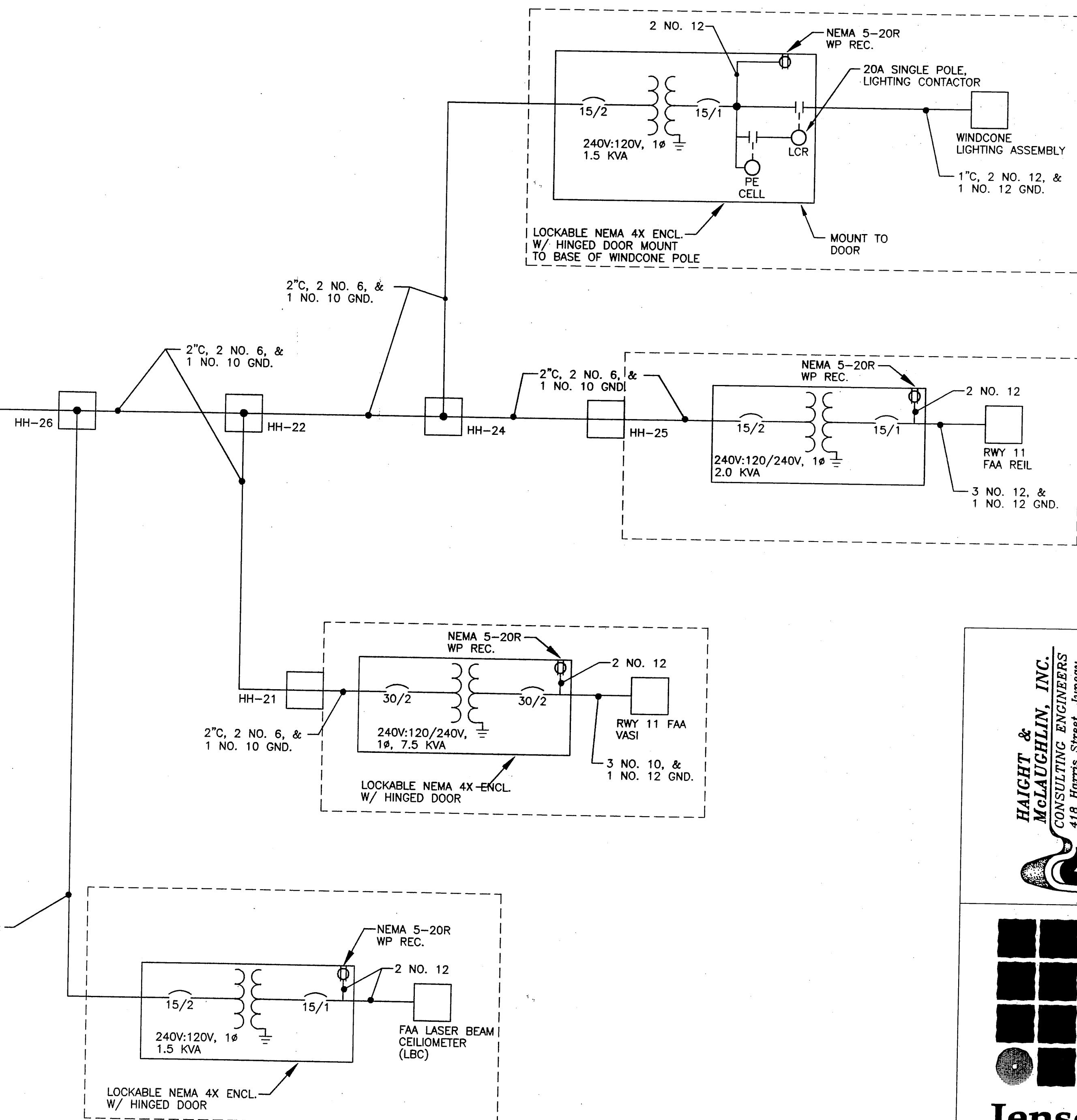
CG #5 to utility
3-500 MCM
1-250 MCM



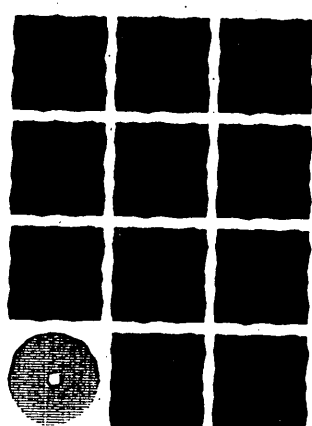
NOTES:

1. NEW CONDUIT AND EQUIPMENT IS SHOWN WITH A DARKER LINE. EXISTING CONDUIT AND EQUIPMENT IS SHOWN WITH A LIGHTER LINE.
2. EQUIPMENT INSIDE THE CLOUDED AREA IS NEW.

MAINTENANCE BUILDING - NEW SINGLE LINE
NO SCALE



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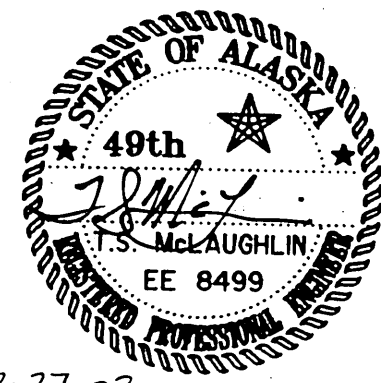
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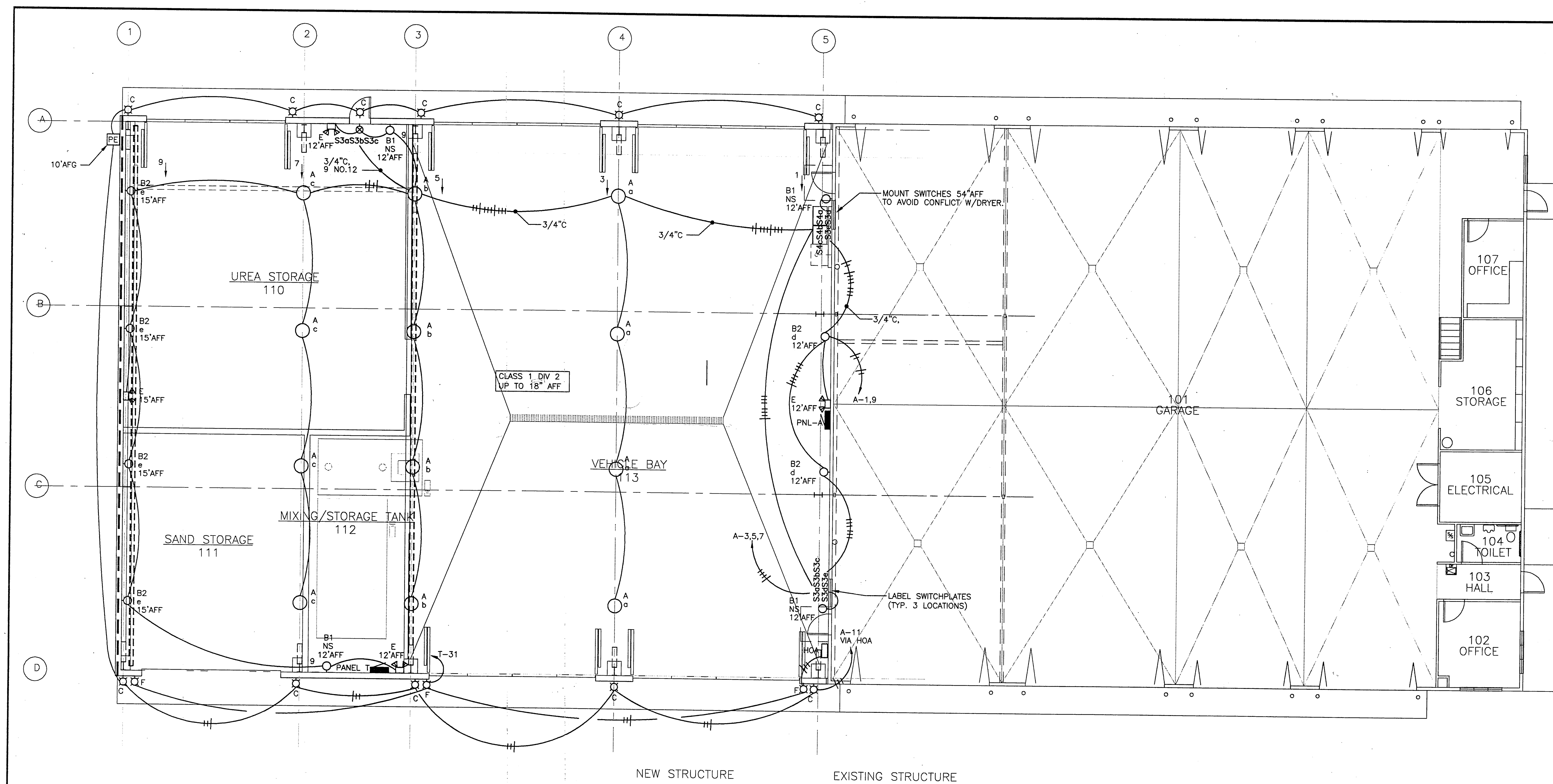
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SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

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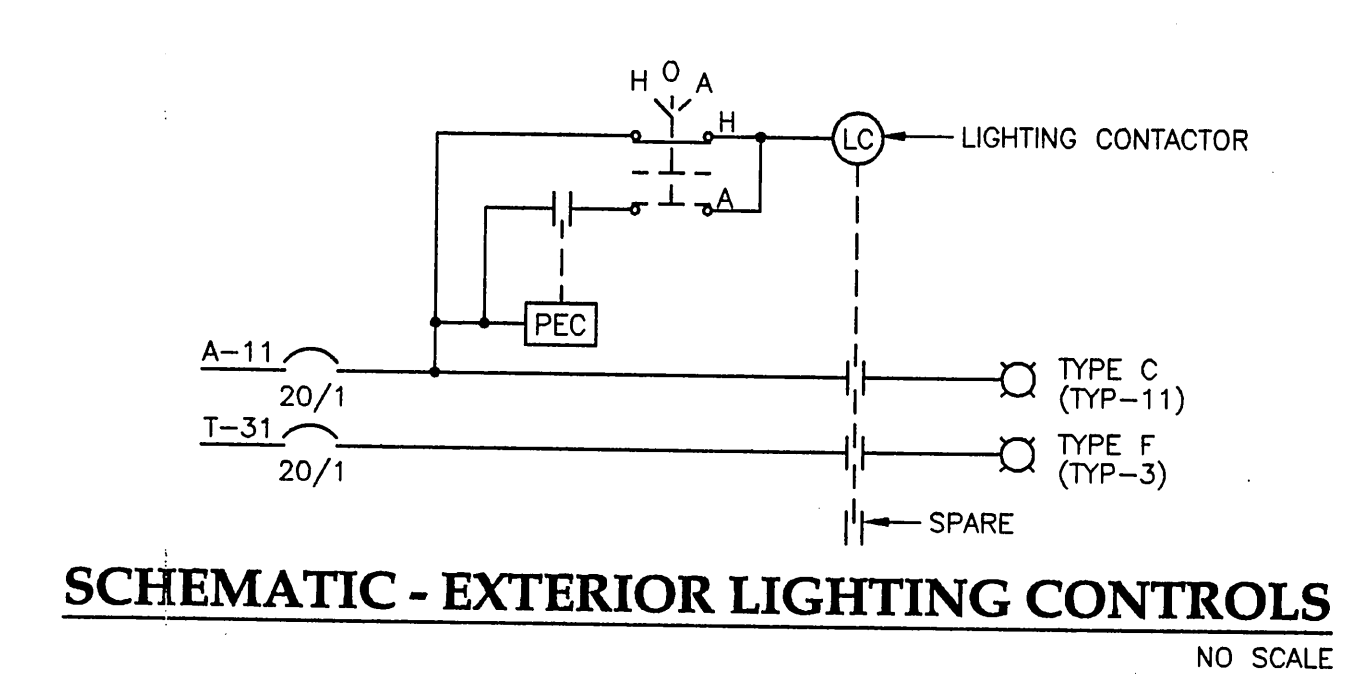
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AIP 3-02-0268-1402
DATE: NOV 30, 2001
SHEET 24 OF 27



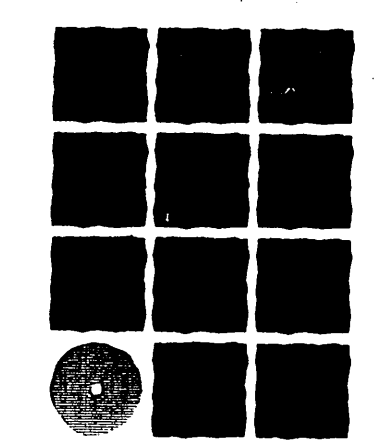


1 FLOOR PLAN - LIGHTING

SCALE: 0 4' 8' 16'



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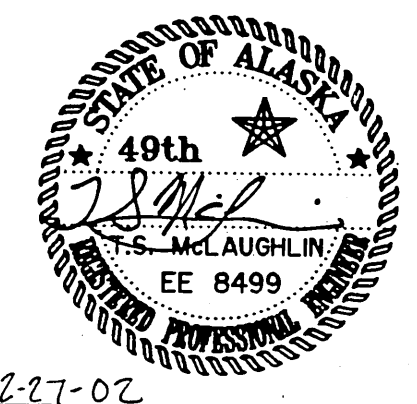
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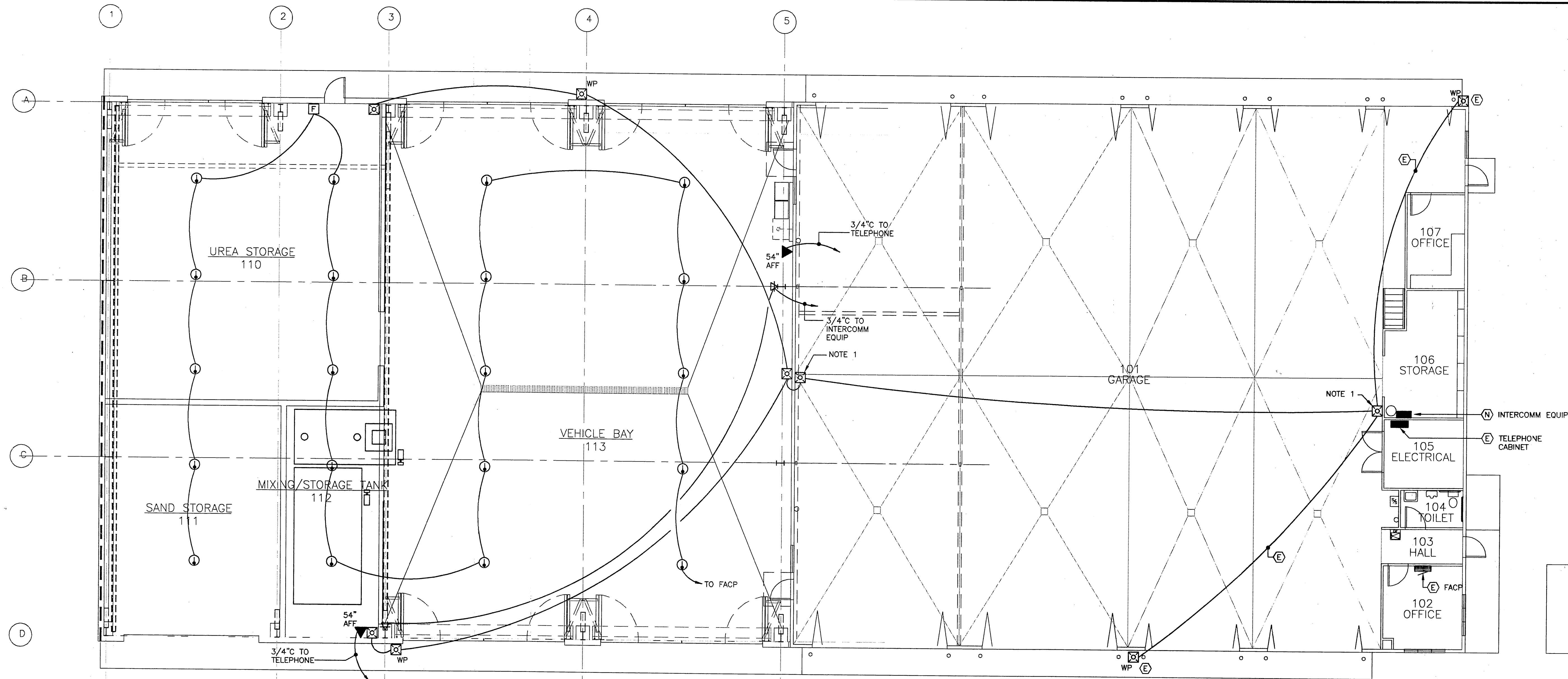
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SHEET 25 OF 27





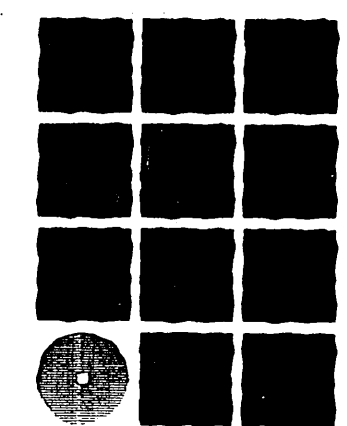
1 FLOOR PLAN - SIGNAL

NEW STRUCTURE EXISTING STRUCTURE

SCALE: 0 4' 8' 16'

- NOTES:
1. REPLACE EXISTING HORN/STROBE TO MEET ADAG.
 2. EXTEND EXISTING HORN/STROBE ZONE TO INCLUDE NEW ADDITION.
 3. HEAT DETECTORS, PULL STATIONS, AND HORN STROBES SHALL BE COMPATIBLE WITH EXISTING FACP MFG BY FCI (FIRE CONTROL INSTRUMENTS).

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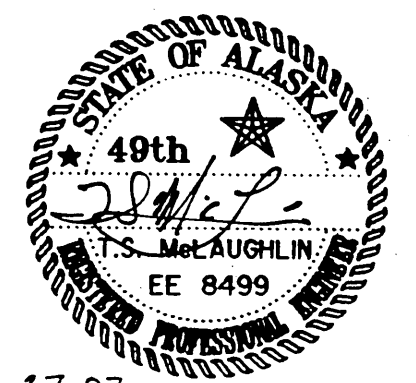
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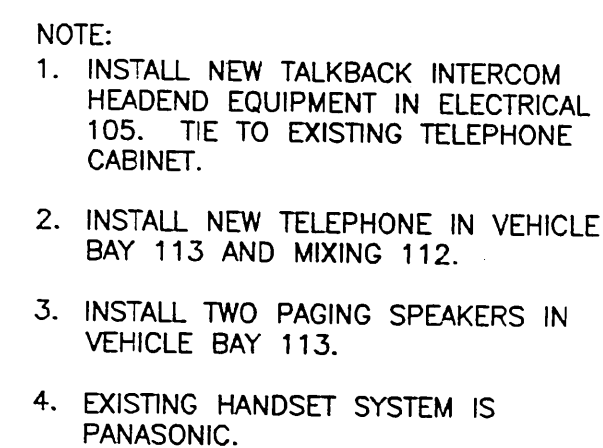
SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

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E401
PROJECT NO. 67507
AIP 3-02-0268-1402
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NOV 30, 2001
SHEET 26 OF 27



2-27-02

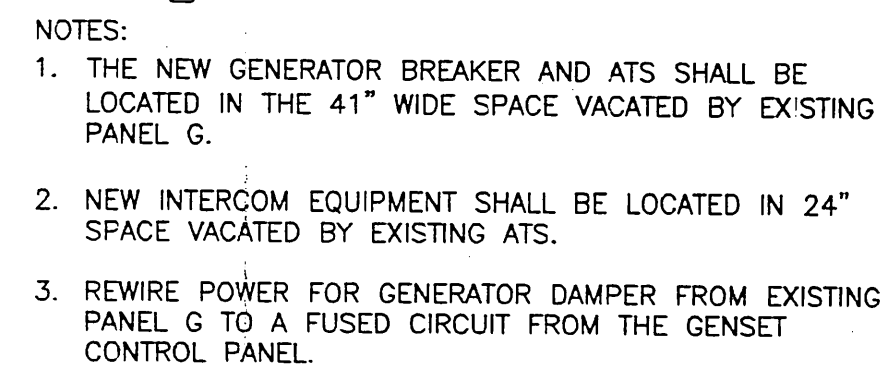


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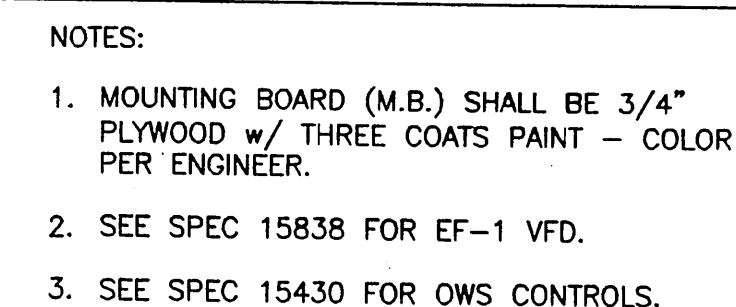


 REPLACE EXISTING UNIT WITH NEW

NO SCALE



NO SCALE

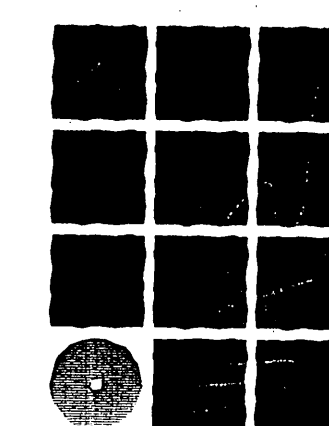
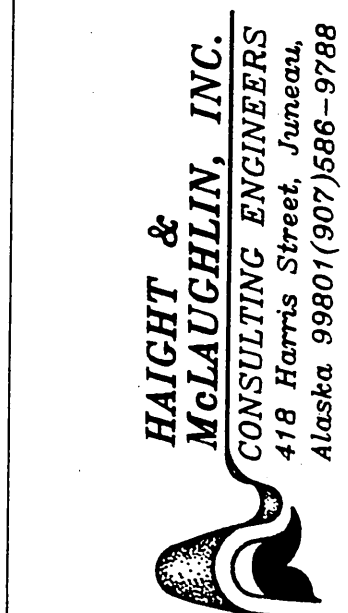


ELEVATION - MOUNTING BOARD 1
VEHICLE BAY 113

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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SOUTHEAST REGION

SITKA AIRPORT
SAND & CHEMICAL STORAGE BUILDING ADDITION

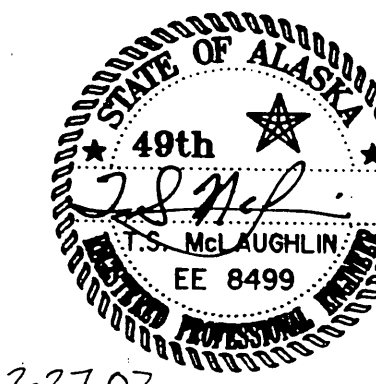
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