Planning/Zoning Application

Planning & Zoning Department

Submitted On:
Feb 4, 2026, 09:05AM EST

Parcel Number: (Include ALL parcels)	ED-F0102
Nearest property address to the project site:	**Street Address:** 845 Prosper Street **City:** De Pere **State:** WI **Zip:** 54115
Check each project type that is being applied for:	Site Plan
Current De Pere Zoning Districts:	I
Existing Site Land Uses:	Commercial
Proposed Site Land Uses:	Commercial
Does the project comply with the Comprehensive Plan?	Yes
Has City Staff been contacted for a pre-consultation meeting?	Yes
Property Owner:	**First Name:** Steve **Last Name:** Mashl
Is the property owner's address the same as the nearest property address?	Yes
Property Owner's Phone Number:	920-336-3174
Property Owner's Email Address:	smashl@valleycustomdoor.com
Is someone processing the project for the property owner as their authorized representative?	Yes
Authorized Representative's Name:	**First Name:** David **Last Name:** OBrien
Authorized Representative's Business Name:	Bayland Buildings
Authorized Representative's Address:	**Street Address:** 3323 Bayridge Court **City:** Hobart **State:** WI **Zip:** 54155
Authorized Representative's Phone Number:	9203716200

Authorized Representative's Email Address:	dobrien@baylandbuildings.com
Please attach a PDF copy of the site plan.	25266 - Valley Cabinet Loading Dock (Rev. _1)(Stamped).pdf
Please attach a CAD copy of the property that shows the footprint of all hard, impervious surfaces. (Only one page needed, not the entire site plan.)	25-4325 260202 Valley Cabinet Loading Dock - Sheet - C1-0 - SITE PLAN.dwg
Would you like a basic checklist of information to include in the site plan?	No
How do you plan on paying for your application?	Mail a check
Total Due:	$350.00
Property Owner or Authorized Representative Signature	First Name: David Last Name: OBrien Email Address: dobrien@baylandbuildings.com Signed at: February 4, 2026 9:04AM America/New_York
User's Session Information	98.102.5.230, Referrer URL

PROPOSED LOADING DOCK ADDITION FOR:

VALLEY CABINET INC.

DEPERE WI 54115

SITE LOCATION MAP

SITE MAP

INTEGRITY MISSION STATEMENT

WE PROVIDE HIGH QUALITY ARCHITECTURAL DESIGN AND STRUCTURAL ENGINEERING. OUR PLANS MOVE SMOOTHLY THROUGH THE STATE REVIEW PROCESS AND MAKE BUILDING CONSTRUCTION MORE ENJOYABLE. OUR SERVICE IS UNMATCHED AND OUR INTEGRITY IS IMPECCABLE.

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THE CONTENT OR PRESENTATION OF MATERIAL ON THIS PLAN, PLEASE CALL (920) 469-9288

GENERAL CONDITIONS:

THESE PLANS ARE PRESENTED TO LEAD A HIGH QUALITY DESIGN/BUILD TEAM. EACH CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE TO PROVIDE EXCELLENT DESIGN, BUILDING MATERIALS, AND CRAFTSMANSHIP WHICH WE CAN ALL BE PROUD OF. WE ENCOURAGE YOU TO PROVIDE EXPERTISE IN YOUR CHOSEN FIELD AND TO BRING IDEAS AND CONCERNS TO THE ATTENTION OF THE GENERAL CONTRACTOR.

THESE DRAWINGS COVER STRUCTURAL AND GENERAL CONSTRUCTION ONLY. ALL WORK SHALL CONFORM TO STANDARD PRACTICES AND APPLICABLE LAWS, WHETHER THEY ARE SPECIFICALLY STATED IN THESE PLANS OR NOT.

EACH CONTRACTOR SHALL:

- VISIT THE SITE TO VERIFY EXISTING CONDITIONS, ACCESS, ETC. PRIOR TO BIDDING
- MAINTAIN A CLEAN JOBSITE AT ALL TIMES.
- OBTAIN AND PAY FOR PERMITS, LICENSES, FEES, ETC. AS MAY BE REQUIRED FOR COMPLETION OF HIS OWN PORTION OF THE PROJECT.
- FIELD VERIFY DIMENSIONS.
- REPORT ANY DISCREPANCY NOTED BETWEEN THESE PLANS AND APPLICABLE CODES TO THE GENERAL CONTRACTOR.
- PROVIDE ALL BARRIERS, FENCES, SAFETY EQUIPMENT AND PRECAUTIONS REQUIRED BY APPLICABLE LAW AND STANDARD PRACTICES.

ALL MATERIALS SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.

ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION, REMODELING, OR EXCAVATION SHALL BE REMOVED AND/OR CONTAINED IN ACCORDANCE WITH GOVERNING LOCAL, STATE, AND FEDERAL REGULATIONS.

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QUICK SPEC SHEET

TO MAKE THIS PLAN MORE CONTRACTOR FRIENDLY, WE HAVE PREPARED IT WITH OUR **QUICK SPEC SHEET.**

THE WRITTEN SPEC SHEET IS GENERAL AND DOES NOT GO INTO DEPTH TO REITERATE STANDARD, PRACTICES, OR APPLICABLE LAWS. IT IS WRITTEN IN AN EASY TO READ FORMAT. THE SPECIFICATION IS SPLIT INTO APPROPRIATE SECTIONS AND LISTED ON THE SHEET.
SPECIFIC CASES THAT CANNOT BE DESCRIBED IN A GENERAL SPEC ARE NOTED ON THE PLANS. IF THERE IS A DISCREPANCY BETWEEN THE PLAN AND THE GENERAL SPEC, THE PLAN NOTES WILL SUPERSEDE THE GENERAL SPEC.

CALL 3 WORK DAYS BEFORE YOU DIG

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(800) 242-8511

FAX (800) 388-3860

WEBSITE: www.diggershotline.com

MATERIAL LEGEND

LUMBER	BRICK	CONCRETE MASONRY UNIT (CMU)	OR COMPACTED FILL
RIGID INSULATION	BATT INSULATION	PLYWOOD	CONCRETE

PROJECT DATA

BUILDING CODE: IBC 2021
(WITH WISCONSIN AMENDMENTS)

PROJECT LOCATION
ADDRESS: 845 PROSPER ST.
CITY, STATE, ZIP: DEPERE WI 54115

DESIGN TEAM
ARCHITECTURAL: INTEGRITY ENGINEERING
CONTACT: CHRIS DUESCHER

STRUCTURAL: INTEGRITY ENGINEERING
CONTACT: CHRIS DUESCHER

BUILDING SIZE:

EXISTING FIRST FLOOR AREA (SQ. FT.):	EXISTING
FIRST FLOOR AREA (SQ. FT.):	1,520
ALLOWABLE AREA PER FLOOR (SQ. FT.):	UNLIMITED
NUMBER OF STORIES:	1
EAVE HEIGHT OR TRUSS BEARING:	15'-0"
MAXIMUM OVERALL HEIGHT:	15'-7 1/2"
FIRE AREA (SQ. FT.):	EXISTING
FIRE SEPARATION:	NONE

CONSTRUCTION CLASSIFICATION:
EXISTING - TYPE VB
NEW - TYPE IIB

MEANS OF EGRESS

EXIT ACCESS TRAVEL DISTANCE (MAX):	42 FT.
COMMON PATH OF EGRESS TRAVEL DISTANCE (MAX):	50 FT.
REQUIRED NUMBER OF EXITS:	1
RATED CORRIDORS:	NO

OCCUPANCY:
EXISTING: F-1, S-1
NEW: S-1
OCCUPANT LOAD (ADDITION): 3

DESIGN LOADS: PER IBC 2021, CHAPTER 16

P_G =	40 PSF
C_t =	1.0
C_e =	1.0
C_s =	1.0
BASIC WIND SPEED =	106 MPH
WIND EXPOSURE =	C
S_{DS} =	0.054
S_{D1} =	0.058
SEISMIC CATEGORY =	A
SOIL BEARING PRESSURE =	2000 PSF (PRESUMED)
RISK CATEGORY =	II

FIRE PROTECTION SYSTEMS
AUTOMATIC FIRE SPRINKLER SYSTEM - NFPA 13
ESFR SYSTEM - NOT REQUIRED
STANDPIPE SYSTEMS - NOT REQUIRED SEE IBC 905
FIRE ALARM SYSTEM - REQUIRED
SMOKE DETECTORS - INSTALL PER APPLICABLE CODES
EXIT SIGNS - PROVIDE EXIT SIGNS PER IBC SECTION 1013
MEANS OF EGRESS ILLUMINATION - PROVIDE PER IBC 1008
FIRE EXTINGUISHERS - INSTALL PER NFPA 1 AND APPLICABLE LOCAL CODES

BUILDING DESIGN
HIGH PILED STORAGE: NO
COMMERCIAL MOTOR VEHICLE REPAIR/STORAGE: NO
VEHICLE EXHAUST VENTILATION: N/A

GENERAL BUILDING REQUIREMENTS:
EXISTING ADA BATHROOMS ARE ADEQUATE FOR ADDITIONAL OCCUPANT LOAD FROM BUILDING ADDITION

SHEET INDEX

SHEET	SHEET NAME
T1.0	COVER SHEET
T1.1	SPECIFICATIONS
T1.2	ADA DETAILS
C1.0	CIVIL PLANS
D1.0	DEMO/EXISTING PLAN
A1.0	FLOOR AND EGRESS PLAN
A2.0	ELEVATIONS
A3.0	SECTIONS
A4.0	SCHEDULES
S1.0	FOUNDATION PLAN
S2.0	FOUNDATION DETAILS
S2.1	FOUNDATION DETAILS
S2.2	PIER DETAILS
S3.0	FRAMING ELEVATION

MINIMAL THERMAL PERFORMANCE VALUES

COMPONENT	TYPE	U-VALUE	R-VALUE
ROOF INSULATION	R-30+R-13	0.029	–
	–	–	–
	–	–	–
	–	–	–
WALL INSULATION	R-30	0.052	–
	1/8" FOAM	–	–
	–	–	–
	–	–	–
WINDOWS	–	–	–
	–	–	–
	–	–	–
	–	–	–
DOORS	SERVICE	0.6	–
	OVERHEAD	0.19	–
	STOREFRONT	–	–
	–	–	–
FOUNDATION	R-7.5	0.51	–
	–	–	–
	–	–	–
	–	–	–

NOTES: SEE STATE SUBMITTAL COMCHECK FOR ALL REFERENCED VALUES NOT SHOWN IN THIS TABLE.

PROFESSIONAL STAMP

WISCONSIN CHRISTOPHER M. DUESCHER E-17193 INTEGRITY ENGINEERING & DESIGN LLC ARCHITECT

January 29, 2026

NOTE:
THE STAMP OF INTEGRITY ENGINEERING'S SUPERVISING PROFESSIONAL ON THIS SET OF DRAWINGS IS IN NO WAY ATTESTING TO THE ACCURACY AND COMPLETENESS OF THE DRAWINGS PREPARED BY SUB-CONSULTANTS INCLUDED HEREIN. THE RESPONSIBILITY FOR THE DRAWINGS BY SUB-CONSULTANTS LIES WITH THE RESPECTIVE SUB-CONSULTANTS (CIVIL, MEPFP, ETC.) THEY ARE INCLUDED HERE FOR CONVENIENCE AND INFORMATIONAL PURPOSES ONLY.

SYMBOLS LEGEND

BUILDING SECTION REFERENCE: SECTION NUMBER; SHEET NUMBER ON WHICH SECTION WILL BE FOUND

DETAIL IDENTIFICATION: DETAIL; SCALE: 1" = 1'-0"; DETAIL NUMBER; SHEET NUMBER

REVISION

PLAN DETAIL REFERENCE: DETAIL NUMBER; SHEET NUMBER ON WHICH DETAIL WILL BE FOUND; AREA INCLUDED IN DETAIL

SPOT ELEVATION: XXX X

EXISTING SPOT ELEVATION

ROOM NAME/NUMBER: ROOM NAME; XXX

ELEVATION: XXXX; ELEV: XXX'-XX"

NEW MASONRY WALL | NEW STUD WALL | EXISTING WALL TO BE REMOVED | EXISTING WALL | NEW STUD WALL IN REMODELED SPACE

XXX DOOR NUMBER | X COLUMN LINE | EX EXISTING COLUMN LINE | F.E. FIRE EXTINGUISHER | XXX WINDOW IDENTIFICATION | X WALL TYPE

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266

JOB NUMBER: 25-4325

ED PROJECT MANAGER: CHRIS DUESCHER

DRAWN BY: J. NOOYEN

DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [x] CONSTRUCTION

COVER SHEET

SHEET: **T1.0**

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DIVISION 03 - CONCRETE

CONCRETE

CONCRETE CONTRACTOR SHALL VERIFY SOIL CONDITIONS BEFORE PLACING REINFORCEMENT AND SLAB. NOTIFY THE ARCHITECT OR ENGINEER OF ANY SOIL CONDITIONS APPEARING OUT OF THE ORDINARY.

FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR STRUCTURAL FILL. DO NOT PLACE FOOTINGS ON FROZEN GROUND.

REFER TO ANSI STANDARD, AND IN ACCORDANCE WITH ACI 318 CHA.

1) FOOTINGS SHALL HAVE 6000psi(28 DAYS), 0 ±300 PSI AT 28 DAYS.
2) WALLS SHALL HAVE STRENGTH 4000 PSI TO 4800 PSI AT 28 DAYS.
3) SLABS ON GRADE SHALL HAVE STRENGTH 3000 PSI TO 4000 PSI AT 28 DAYS.
4) EXTERIOR CONCRETE SHALL HAVE STRENGTH 3000 TO 4000 PSI AT 28 DAYS.
5) COLUMNS, BEAMS AND STRUCTURAL SLABS SHALL HAVE STRENGTH 3000 TO 4000 PSI AT 28 DAYS.
6) PRE CAST FOOTINGS SHALL HAVE STRENGTH 3000 TO 4000 PSI AT 28 DAYS.
7) SLUMP SHALL NOT EXCEED 4".
8) ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED WITH 4-7% AIR CONTENT. NO OTHER ADMIXTURES SHALL BE USED WITHOUT THE APPROVAL OF THE ARCHITECT. CONTRACTOR CHANGING SHALL NOT BE PAID.
10) MINIMUM AGGREGATE SIZE FOR FOOTING TO BE 1½" AND MINIMUM AGGREGATE SIZE FOR ALL OTHER WORK TO BE 3/4".

PLACE FLOOR SLABS WITH CONSTRUCTION JOINTS OR SAW JOINTS NOT EXCEEDING 4 MINIMUM OF 1.50 DIAMETER FEET OR AS INDICATED ON THE PLANS. SAW CUTTING TO BE DONE NO SOONER NO MORE/LEC. BUT NO LATER THAN 24 HOURS AFTER CONCRETE IS PLACED.

INTERIOR SLABS TO HAVE 4 TROWEL FINISH AND INTERIOR SLABS TO HAVE A LIGHT BROOM FINISH. MAINTAIN FLOOR LEVEL AT WALLS AND PIER SURFACES UNIFORMLY TO DRAIN. CONCRETE TO BE FINISHED ON ALL CURED FOR 7 DAYS. FAILURE TO FOLLOW THE OPTIONS TO BE NOT CURED ONLY. EXTERIOR SLAB SHALL BE REPAIRED FROM BUILDING WITH CONTRACTOR'S FINISH DIFFERENCE.

REFER AND CONSTRUCTION OF CAST-IN-PLACE CONCRETE SHALL CONFORM TO ACI 318 AND CBC 1704&1908.

ANCHOR BOLTS AND THREADED RODS TO BE ASTM F554, MINIMUM GRADE 36.

ALL ANCHOR BOLTS AND PLATE CANCEL STAND TO BE EMBEDDED OR HORIZONTAL TIE REINFORCEMENT PROVIDE MINIMUM (3) 3/8 TIES ON TOP 6" OF REQUIRED UNDER NOTED OTHERWISE ON PLAN.

PRECAST CONCRETE

PRECAST AND INSTALL PRECAST CONCRETE FLOOR PLANK AS INDICATED ON THE DRAWINGS. PRECAST DESIGN SHALL CONFORM TO PCI AND ACI STANDARDS. DESIGN LOADS SHALL CONFORM TO THOSE INDICATED ON THE PLANS. PROVIDE PRECAST PLANK WITH FIRE RATINGS AS INDICATED ON THE PLANS. PRECAST LINTELS SHALL BE DESIGNED FOR THE LOADS INDICATED IN THE LINTEL SCHEDULE.

PRECAST SUPPLIER SHALL INCLUDE ERECTION, GROUTING, SHIMS OF DIFFERENT SIZE AND CHECKING PRECAST CALCULATIONS OF PRECAST PRECAST JOINTS AND CALCULATIONS OF PRECAST TO OTHER MATERIALS, JOINTS AT DIFFERENT ANGLE.

PRECAST SUPPLIER SHALL INSTALL 4x BOHOLES DRILLED INTO 1/2" DIA. HOLES (MINIMUM 4"-0" O.C.) INTO ALL WINDOWS AND CONCRETE WALL.

REGIONAL CONTRACTOR TO VERIFY DIMENSIONS AND DESIGNATE DIFFERENCE IN PRECAST WITH PRECAST SUPPLIER.

PRECAST WALL PANELS

PRECAST AND INSTALL PRECAST WALL PANELS AS INDICATED ON THE DRAWINGS. PRECAST DESIGN SHALL CONFORM TO PCI AND ACI STANDARDS. DESIGN LOADS SHALL CONFORM TO THOSE INDICATED ON THE PLANS. PROVIDE PRECAST WALL PANELS WITH FIRE RATINGS AS INDICATED ON THE PLANS.

PRECAST SUPPLIER SHALL INCLUDE ERECTION, GROUTING, SHIMS OF DIFFERENT SIZE AND CHECKING PRECAST CALCULATIONS OF PRECAST PRECAST JOINTS AND CALCULATIONS OF PRECAST TO OTHER MATERIALS, JOINTS AT DIFFERENT ANGLE.

PRECAST SUPPLIER TO PROVIDE EMBEDDED PLATES AT BASE OF ALL WALL PANELS. CONNECTION TO CONCRETE FOUNDATION WALL SHALL BE DESIGNED AND SUPPLIED BY PRECAST SUPPLIER AND PLACED BY THE CONCRETE CONTRACTOR.

REINFORCING STEEL

REINFORCING STEEL TO CONFORM TO ASTM-A615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM-A185. LAP ALL HORIZONTAL REINFORCING OF SPLICES AND ANGLE CORNERS 30 BAR DIAMETERS. ANGLES ARE FINISH, AS TO BE LAPPED 6" AND PLACED IN THE CENTER OF THE SLAB UNLESS INDICATED OTHERWISE. REINFORCING SHALL BE PLACED IN CONFORMANCE WITH CBC "RECOMMENDED PRACTICES FOR PLACING BARS" AND ACI 318.
THE REINFORCEMENT SHALL NOT BE PAINTED AND MUST BE FREE OF GREASE, DIRT OR DEEP RUST WHEN PLACED. PROVIDE CONCRETE PROTECTION FOR REBARS PER ACI 318 SECTION 7.7.

DIVISION 04 - MASONRY

MASONRY

- COMPLY WITH REQUIREMENTS OF SEC CHAPTER 21 AND MCAB STANDARDS
- CMU TO CONFORM TO ASTM C-90, WITH 28 DAYS COMPRESSIVE STRENGTH F'_{cmu} = 3,250 PSI (MIN)
- MORTAR TO CONFORM TO ASTM C-270.
- GROUT TO CONFORM TO ASTM C-476 AND TO ALSO HAVE A MIN MASONRY COMPRESSIVE STRENGTH F'_g = 2,500 PSI (MIN).
- MASONRY, REGARDLESS TO HAVE A MIN COMPRESSIVE STRENGTH F'_m = 2,500 PSI (MIN)
- DO NOT AND INTERIOR BEARING WALLS WALLS.
- FOUNDATION WALLS AND WALLS EXPOSED TO EARTH WILL BE TYPE M.
- INTERIOR NON-BEARING WALLS WILL BE TYPE W.
- ALL UNITS SHALL BE LAID IN RUNNING BOND UNLESS OTHERWISE SPECIFIED AND WHEN STANDARD GRAMMATICAL BOND (BOND-A-WAL) OR BOND, UNLESS THE REINFORCING AT 16" O.C.
- TOOL JOINTS CONCAVE FOR WEATHER EXTERIOR. CAPPED CONCAVE AND BRICKS HAVE SMALL BE MADE.
- VERTICAL REINFORCING BARS SHALL BE EITHER BARS GRADE 60 AND SHALL HAVE LAP LENGTHS OF 48 BAR DIAMETERS.
- ALL BARS WITH REINFORCING AND TO BE GROUTED SOLID.
- THE TOP OF COURSE OF ALL BLOCK WALLS AND THE FIRST COURSE BELOW ALL PRECAST PLANKS SHALL BE 3 BOND BRICK WITH (2) ½ BARS CONTINUOUS.
- CONCRETE BLOCK WALLS BOND AT ONE AND AT ABOUT TO ELIMINATE MORTARS INSIDE THE BLOCK CAVITIES. THIS WILL HELP TO PREVENT EFFLORESCENCE.
- INSULATE ALL EXTERIOR BLOCK WALL CAVITIES WITH FOAM IN PLACE OR LOOSE FILL PARTICLE INSULATION.
- PROVIDE SLIP DOWN - 3" MINIMUM BELOW AT 4'-0" O.C. FOR ALL PRESSURE-TREATED BOARD WOOD AT TOP OF WINDOWS WALLS.
- INSTALL FOAM-IN-BRICKS THROUGH ALL FOAMING AT BOTTOM COURSE OF BLOCK.
- INSTALL 1/2" LONG COTTON ROPE WICK WOOD AT 32" O.C. AT ALL THROUGH-WALL FLASHING. PROVIDE WEEPHOLES AT TO ENSURE WEEP HOLES REMAIN OPEN.
- ALL EXTERIOR PARTS AND WOODWORK SHALL BE TREATED WITH DRY-BLOCK WATER REPELLENT.
- CONTROL JOINTS SHALL BE SPACED AT A MINIMUM OF 25' O.C. AND 12' FROM CORNERS.
- PLACE CONTROL JOINTS ON ONE SIDE OF OPENINGS IF WIDE OR LESS AND ON BOTH SIDES OF OPENINGS WIDER THAN 6' WIDE. DO NOT RUN CONTROL JOINTS THROUGH LINTELS.
- ALSO CONTROL JOINTS WITH EXPOSED CONCRETE FOUNDATION WALL JOINTS IF APPLICABLE.
- BOND REINFORCING AT ALL CONTROL JOINTS.
- THE MASON MUST PROVIDE SUPPORTS, BRACKS OF ALL BLOCK WALLS TO PROVIDE SUPPORT UNTIL PERMANENT BRACING SYSTEMS ARE COMPLETED. STEEL CONTRACTOR SHALL PROVIDE AND INSTALL.

MASONRY - WEAVER

ALL BLOCK SHALL BE LAID IN CEMENT AND LIME MORTAR (TYPE M), WITH ALL BLOCK WELL SECURED IN PLACE, WITH ANY BOTH VERTICAL AND HORIZONTAL JOINTS ON STRAIGHT LINES. BLOCK SHALL BE USED TO STRUCTURAL WALL WITH BAILO WEAVER BRICKS WITH 4-TIE, 7/8" WIDE SPACES (6" ON CENTER HORIZONTALLY, AND 32" ON CENTER VERTICALLY). WEAVER BRICKS BOTTOM SHALL BE COVERED WITH A WATER-RESISTANT ADHESIVE BALLED THE SAME WAY AS WATER-RESISTANT MAD THE JOINT WITH SPACES HORIZONTAL JOINT REINFORCEMENT 8" 16" ON CENTER. BRICK HORIZONTAL REINFORCEMENT OF CONTROL JOINTS. ALL JOINTS THROUGH BE TOOLED.

DRY-BLOCK WATER REPELLENT TO BE ADDED TO ALL MASONRY UNITS AND MORTAR MIXTURE.

INSTALL AND WALL SELF WEAVER SHEET FLASHING AT BOTTOM COURSE OF BLOCK. WEAVE LINTELS AND WINDOW BOND BRICKS. SEAL BOTTOM OF FLASHING TO CONCRETE. INSTALL WALL WEEP HOLES AT 32" O.C. WITH MORTAR NOT BY WEAVE.

CONTROL JOINTS SHALL BE SPACED AT A MINIMUM OF 25' ON CENTER AND 10' FROM CORNERS. SEAL PLACE CONTROL JOINTS ON ONE SIDE OF OPENINGS IF WIDE OR LESS AND ON BOTH SIDES OF OPENINGS WIDER THAN 6' WIDE. CONTROL JOINTS TO ALSO WITH EXPOSED CONCRETE FOUNDATION WALL JOINTS IF APPLICABLE.

ALL MASONRY AND INSTALLATION MUST COMPLY WITH SEC CHAPTER 21 AND THE BUILDING CODE REQUIREMENTS FOR MASONRY, STRUCTURAL (SEC-1.8.2).

BRICK

BRICK <DENOTE MASONRY> THAT SHALL BE MOSAIC-CLASS HOLLOW CLAY UNITS OF MODULAR SIZE AND LAID IN RUNNING BOND WITH 3/8" JOINTS. THE DAMPER WALL WILL COLOR AND FINAL SELECTION OF BRICK. MINIMUM WALL BE TYPE M. ALL OF REPAIRED WORKER WITH MATCHING BRICK AND MORTAR WITH. MORTAR COLOR SHALL BE CHOSEN ACCORDING TO THE REQUIREMENTS OF THE BRICK WITH THE OF MASONRY (SAM). NO AND DIFFERENT MANUFACTURER OR MATERIALS COMPONENT AN BY REQUIRED TO THE CONTRACTOR. THE BRICK TO BE FIXED WITH WIRE TIES AT 16" O.C. WITH <DETAILS> AND 24" O.C. WITH <HORIZONTALLY>.

INSTALL 40 MIL SELF ADHESIVE SHEET FLASHING AT BOTTOM COURSE OF BRICK. WEAVE LINTELS. SEAL BOTTOM OF FLASHING TO CONCRETE. INSTALL WALL WEEP HOLES AT 32" O.C. WITH MORTAR NOT BY WEAVE.

BRICK <DENOTE AND INSTALLATION SHALL MEET ALL APPLICABLE REQUIREMENTS OF SEC CHAPTER 21.

STONE <DENOTE>

STONE <DENOTE> SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. ALL STONE <DENOTE> SHALL BE LAID BY AN EXPERT AND LIKE MORTAR. STONE <DENOTE> SHALL BE FULLY SECURED IN PLACE. STONE <DENOTE> SHALL BE SIZED TO MINIMUM OR MORE BACK-UP WITH STANDARD VENEER THICKNESS 1½" <DETAILS> AND 24" HORIZONTALLY.

INSTALL 1½" LONG COTTON ROPE WICK AT BOTTOM COURSE AND WINDOW ALL OPENINGS IN EXTERIOR WALLS AT 16" O.C. PROVIDE MORTAR NOT TO EXCEED WEEP HOLES FOAM IN BRICK FLASHING SHALL BE MINIMUM-ED-MORTAR FLASHING. FLASHING SHALL BE INSTALLED AT BOTTOM COURSE AND ABOVE ALL OPENINGS IN EXTERIOR WALLS. SEAL BOTTOM OF FLASHING TO CONCRETE.

DIVISION 05 - METALS

STRUCTURAL STEEL

STRUCTURAL STEEL FRAMING SHALL BE OF MATERIAL AS LISTED BELOW AND SHALL BE DETAILED, FABRICATED AND ERECTED TO DRAWINGS WITH THE AISC. ADHERE, PROVIDE ALL WELDS. ANCHOR BOLTS, DOWELS PLATES, LINTELS, STIFFENERS, CLIP ANGLES, WELD PLATES, BUNDLEBARS, ETC. BE REQUIRED FOR STEEL STRUCTURE IN BUILDING ON THE DRAWINGS. WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS AND CONFORM WELDER FOR AWS D1.1 AND BE CARRIED 20. BOLTS, NUTS AND WASHERS SHALL CONFORM TO REQUIREMENTS OF ASTM A325 AND BE INSTALLED PER AISC CODE PER STRUCTURAL JOINTS. WORK SHALL BE PERFORMED ACCORDING TO A.I.S.C. CODE OF STANDARD PRACTICE AND IN ACCORDANCE WITH MASONRY LAWS AND CODES.

STEEL WIRE FABRIC BRACE: ASTM A853 OR ASTM A572, MIN. 30 KSI YIELD.
STEEL WIRE FABRIC COLUMNS: ASTM A992 OR ASTM A572, MIN. 50 KSI YIELD.
STEEL LINTELS: ANGLES: PLATES: DARBANDERS, CHANNEL, ETC., ASTM A36
STEEL PIPE: ASTM A53 TYPE E OR S GRADE B
STEEL TUBES: ASTM A500 GRADE C
STEEL BOLTS: ASTM A307, GRADE C
WELDING: ELECTRODES: ULTRAMETAL STRENGTH 70 KSI

STEEL CANALS BE PRE-FABRICATED WITH ONE COAT OF PRIMER UNLESS INDICATED OTHERWISE. FIELD WELDS TO BE CLEANED AND PRIMED.

STEEL FRAMING MUST BE TEMPORARILY BRACED AS REQUIRED UNTIL THE PERMANENT BRACING SYSTEM ARE SECURE COMPLETED. STEEL CONTRACTOR SHALL PROVIDE AND INSTALL.

MAIN BEAMS STEEL FRAMING

ALL EXTERIOR STEEL AND JOIST FRAMING MEMBERS AND BRACING SHALL BE 20 GA. UNLESS NOTED OTHERWISE. PROVIDE BRACING ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

ANCHOR BOLTS DIAMETER STRIPS MUST BE 1/4x1", WITH 1/16" ANCHORS TOWARD WELD. ALSO STRIP MUST BE BETWEEN STIFFENERS OR WIDER TO EACH TRUSS LEG. ANCHOR BOLTS BETWEEN STRIP MUST BE SPACED MAXIMUM 24" ON CENTER.

ALL WALL SHALL STEEL FRAMING SHALL CONFORM TO THE CBC SPECIFICATION AND BE WELDED AS RECOMMENDED WITH AWS D1.3. OR SCREWED. ALL WELDING TO BE DONE BY CERTIFIED WELDERS.

ALL STUDS 16 GA. AND HEAVIER TRACKS, GRADE 40 AND ACCORDANCE SHALL MEET THE REQUIREMENTS OF ASTM 446. GRADE 3 WITH A MINIMUM WELD OF 33,000 PSI.

ALL MATERIALS SHALL HAVE A MINIMUM ZINC COATING AND MEET THE REQUIREMENTS OF ASTM A525.

REINFORCING STEEL (INTERIOR NON-BEARING)

REINFORCING STEEL SHALL BE ACCORDING TO THE TABLE BELOW OR AS INDICATED ON THE PLANS. STEEL SHALL BE REQUIRED TO TOP AND BOTTOM TRACK WITH (1) #9x1 DOWN IN EACH FLANGE. UNLESS 4 SLIP TRACK IS REQUIRED AT THE TOP OF THE WALL. PROVIDE SLIP TRACK AT TOP OF THE WALL ABOVE PERFORATED STEEL SHALL BE INSTALLED PER "STEEL STUD CONSTRUCTION MANUAL" AS PUBLISHED BY UNITED STATES SUPPLIER COMPANY LATEST EDITION.

SIZE	GAUGE	LAMINATE WEIGHT WITH STUD SPACING 12" O.C.	16" O.C.
3½"	25	13 lb	11 lb
3½"	22	15 lb	13 lb
6"	25	15 lb	12 lb
6"	22	20 lb	17 lb
8"	22	22 lb	18 lb
8"	20	25 lb	20 lb

THERE WEAVE ARE BASED ON THE STEEL WEAVE ONE (1) LAYER OF DRYWALL EACH PIECE.

STEEL DECK (WEATHERTIGHT) INTERIOR

INSTALL STEEL DECK PER MANUFACTURER'S RECOMMENDATIONS. FASTEN DECK WITH 5/8" DIA SHOT WELD (PUDDLE) PATTERN INDICATED ON ROOF FRAMING PLAN AT EXTERIOR. PROVIDE WELDS AT 12" O.C. ALL ROOF REINFORCED. FASTEN SIDE LAPS AT 36 SCREWS WITH ONE (1) #18 TEK SCREW UNLESS OTHERWISE INDICATED. LAP END JOINTS 2" MINIMUM WELDING METALDS ARE REQUIRED ON 24 GA. AND HEAVIER DECKING.

FASTENER PATTERN

BAR JOISTS

JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI) AND THE AISC. PROVIDE ALL REQUIRED ACCORDINGLY SUCH AS ANCHORS, BRACING, ETC. FOR A COMPLETE INSTALLATION. SHOP DRAWINGS ARE TO SHOW JOIST DIRECTION STIFFENERS, BRACING, ANCHORS CONNECTIONS (CLIP) AND ADD WELDED SIZES. ENGINEER STRUCTURAL PROCEEDING SHOP AND ON FIELD AND BUILDING REQUIREMENTS TO CONCRETE.

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

WOOD FRAMING

WOOD FRAMING SPECIES SHALL BE SPRUCE/PINE/FIR NO. 2 CONSTRUCTION GRADE OR EQUAL UNLESS NOTED OTHERWISE. WOOD CONSTRUCTION AND ITS PROTECTION SHALL CONFORM TO APPLICABLE REQUIREMENTS OF SEC CHAPTER 23. ROOF DECKING SHALL BE 5/8" DFS. UNLESS NOTED OTHERWISE. ALL WOOD BOLT PLATES IN CONTACT WITH MASONRY, CONCRETE, BRICKS OR EXPOSED TO THE WEATHER MUST BE PRESERVATIVE TREATED LUMBER.

WOOD FRAME CONNECTIONS MUST MEET MINIMUM REQUIREMENTS SET FORTH IN SEC TABLE 2304.10.1.
LAMINATED VENEER LUMBER (LVL) SHALL HAVE A MINIMUM BENDING STRESS OF 2,600 PSI.

FIRE BLOCKING IS REQUIRED IN ALL CONCEALED WOODS WITHIN STUD WALLS AT 10'-0" O.C. AND AND AT EACH FLOOR OF MULTI STORY STRUCTURED.

PROVIDE TEMPORARY BRACING OF ALL WALLS TO PROVIDE SUPPORT UNTIL PERMANENT BRACING SYSTEMS ARE IN PLACE.

WOOD TRUSSES

TRUSSES MUST BE INSTALLED PER TRUSS SUPPLIER SHOP DRAWINGS AND MUST MEET ALL REQUIREMENTS OF THE TRUSS SHOP DRAWINGS WITHIN THE TRUSS SHOP DRAWINGS CONFLICT WITH THE ROOF FRAMING PLAN, THE SHOP DRAWINGS SUPERCEDE.

WOOD TRUSSES SHALL BE DESIGNED FOR ALL LOADS AND REQUIREMENTS AS INDICATED ON THESE PLANS AND DESIGNED IN THE CAMPUS. WOOD TRUSSES MUST MEET APPLICABLE REQUIREMENTS OF SEC CHAPTER 23. TRUSS MANUFACTURER SHALL SUBMIT REQUIRED TRUSS DRAWING AND HOLD SHOP DRAWING.

BRACES MUST PROPERLY INSTALL ALL BRACING SPECIFIED BY THE TRUSS MANUFACTURER.

INTERIOR PARTITION WALLS

INTERIOR PARTITION WALLS ARE BRAND-ENGINEED FROM FACE OF STUD TO FACE OF STUD.

INTERIOR PARTITIONS ARE FOR WOOD STUDS AND 3 5/8" FOR METAL STUDS.
PLUMBER WALLS ARE 5½" FOR WOOD STUDS OR 6" FOR METAL STUDS.

STUDS ARE SPACED AT 16" ON CENTER UNLESS NOTED OTHERWISE. USE MINIMUM 1" CLIPPING BOARD ON THE ENTIRELY SIDES OF INTERIOR PARTITIONS. PROVIDE DIMENSION JOINTS AT 30'-0" O.C. FOR LONG MINIMUM BEARING WALLS.

PARTITION WALLS WHICH ARE NOT FULL HEIGHT MUST BE BRACED TO CROSS WALLS OR TO THE STRUCTURE ABOVE TO PROVIDE ADEQUATE STABILITY.

DRYWALL

DRYWALL SHALL BE INSTALLED PER THE LATEST EDITIONS OF "RECOMMENDED PRACTICE FOR THE INSTALLATION AND FINISHING OF GYPSUM BOARD" GA-216 AS PUBLISHED BY THE GYPSUM ASSOCIATION AND "GYPSUM DRYWALL CONSTRUCTION" ANSI/NRCA AS PUBLISHED BY UNITED STATES GYPSUM COMPANY LATEST EDITION.

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

EXTERIOR INSULATION FINISH SYSTEM (EIFS)

INSULATION SHALL BE A MINIMUM 1" THICK CRAZED NOTED OTHERWISE EPS, WITH A DENSITY OF 2.0 LBS/CUBIC FOOT (MINIMUM) PER ASTM C578 TYPE I. INSULATION SHALL HAVE A MINIMUM R-VALUE OF 3.0. FINAL SYSTEM SHALL HAVE A FIRE (3) HOUR RATINGS.

FOUNDATION WALLS WITH WATER BASE COAT AND FINISH RECOMMENDED SHALL BE MANUFACTURED BY THE EIFS SYSTEM MANUFACTURER. THE FINISH SHALL BE OF TEXTURE AND MATERIAL COLOR AS SELECTED BY THE OWNER.

METAL BRACKETS - ANCHOR/WELD: ENTIRE THE INSTALLATION BOARD TO THE SUBSTRATE WITH ONE FASTENER PER BRACK (.3 X 2" OF MINIMUM BOARD).

WOOD FRAMED BUILDINGS - FOAMING THE INSULATION BOARD TO THE SUBSTRATE WITH VERTICAL NOTCHED TROWEL CONFIGURATION.

METAL INSULATION BOARD HORIZONTALLY, WITH JOINTS STAGGERED. PROVIDE CONTROL JOINTS PER THE MANUFACTURER'S INSTRUCTIONS. PROVIDE BRAY BARRIER AT ALL BOTTOM. PROVIDE REQUIRED PROTECTION TO PREVENT DAMAGE TO ABUTMENT AREAS. PROTECT FINISHED WORK.

ALL HORIZONTAL SEAMCODES MUST BE INTERLOCK 3:12 MINIMUM TO BRIGHT WATER OR ABUTMENTS/FLASHED.

THE IMPACT RESISTANCE MUST BE INTERLOCK TO REQUIRED LEVEL. HIGH TRAFFIC AREAS AND OTHER AREAS EXPOSED TO DAMAGE SHOULD BE IMPACT DAMAGE.

DIVISION 08 - OPENINGS

DOORS, WINDOWS AND FRAMES

FURNISH AND INSTALL ALL DOORS AND WINDOW MISCELLANEOUS AS INDICATED ON THE PLANS. INCLUDE ALL HARDWARE ANCHORS AND THEY ARE BE REQUIRED FOR A COMPLETE JOB. DOORS AND WINDOWS SHALL OPERATE SMOOTHLY AND DOES DAMAGE AND BE INSTALLED PLUMB AND.
FRAME HARDWARE SHALL BE PROPERLY AND BE ADJUSTED AS REQUIRED. PROVIDE MISCELLANEOUS AS REQUIRED WITHIN DOORS.

HARDWARE

HARDWARE SPECIFIED IN THE HARDWARE SCHEDULE:

- ALL DOOR SIZE SHALL BE LEVER TYPE AS REQUIRED BY ADAT REQUIREMENTS OF THE U.S.
- ALL OTHER HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF THE A.D.A.
- ALL EXIT DOORS SHALL BE DESIGNED WITH SUITABLE TYPE EXIT HARDWARE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A LATCH, KEY, OR BOLT.
- ALL A DESIGNATED AREA TO AVOID PANIC HARDWARE.

DIVISION 09 - FINISHES

PLASTER

PROVIDE AND INSTALL ALL FINISHES AS INDICATED ON PLANS. INSTALL ALL MATERIALS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. FINISH INSTALLER MUST PERFORM FULL REPAIRS AND PREPARE AS REQUIRED PRIOR TO INSTALLATION OF THE PRODUCT.

INTERIOR FINISHES TO MEET THE REQUIREMENTS OF SEC CHAPTER 8.

PAINTING

PAINT ALL AREAS REQUIRED FOR A COMPLETE JOB.

APPLY PAINT AS RECOMMENDED BY STANDARD PRACTICE AND MANUFACTURER'S RECOMMENDATIONS.

REMOVE OR PROTECT HARDWARE, PLATE, LIGHT FIXTURES, SCREWPLATE HOLES, ETC. THAT ARE NOT INTENDED TO BE PAINTED. PROVIDE MASKING AS REQUIRED.

DISPOSAL OF EXCESS PAINT AND MATERIAL IS THE RESPONSIBILITY OF THE PAINTING CONTRACTOR. DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE LAWS AND CODES.

CERAMIC

PROVIDE COVERING AND BACKER BOARD AS RECOMMENDED BY THE MANUFACTURER TO COVER WALLS AND INTERIOR AREAS AT BATHROOMS AND THE AREAS NEAR THE SINK. MAKE THERE IS NO OTHER EXTERIOR OPENINGS. ADD CAULK AROUND PLUMBING FIXTURES, COUNTERTOPS, BOOT OPENINGS, ETC. AND SO REQUIRED FOR A COMPLETE JOB. CAULK TO BE INSTALLED AFTER TILES IS APPLIED TO SURFACES. PENETRATIONS THROUGH FIRE RATED ASSEMBLIES MUST MEET U.L. REQUIREMENTS.

CARPET

CARPET SHALL MEET THE REQUIREMENTS OF THE A.D.A.

WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE-LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL.

PROVIDE BATHROOM CLEARANCE PER SEC 2902.2.

MINIMUM HEIGHT SHALL BE 80" BELOW FINISH FLOOR TO THE CEILINGLINE OF THE SIGN UNLESS INDICATED OTHERWISE.

PROVIDE MINIMUM PROJECTION SIGNS AS INDICATED ON THE PLANS AND AS REQUIRED BY APPLICABLE LAWS.

DIVISION 10 - SPECIALTIES

SIGNAGE

SIGNAGE AND SIGNPOST MUST MEET THE REQUIREMENTS OF SEC 3105.

SIGNAGE AND SIGNPOST CONTRACTOR SHALL SUBMIT PLANS AND CALCULATIONS UNDERNEAT THE REQUIREMENTS OF SEC 3105 TO THE GENERAL CONTRACTOR FOR APPROVAL AND SUBMISSION TO THE STATE.

DIVISION 22, 23, 26 - PLUMBING, HVAC, AND ELECTRICAL

PLUMBING

PLUMBING SHALL BE COMPLETED BY A LICENSED/BONDED PROVIDER. THE PLUMBING SUBCONTRACTOR IS RESPONSIBLE TO PROVIDE CALCULATIONS, DRAWINGS, MATERIALS, AND CERTIFICATES. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES. SEPARATE PLANS AND SPECIFICATIONS ARE BEING SUBMITTED TO THE STATE FOR APPROVAL. THE PLUMBING WORK IS NOT A PART OF THE PLAN SET. PLAN FOR SPECIFICATIONS. ALL PENETRATIONS MADE DURING CONSTRUCTION SHALL BE A U.L. APPROVED METHOD.

ELECTRICAL

ELECTRICAL SHALL BE COMPLETED BY A LICENSED/BONDED PROVIDER. THE ELECTRICAL SUBCONTRACTOR IS RESPONSIBLE TO PROVIDE CALCULATIONS, DRAWINGS, MATERIALS, AND CERTIFICATES. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.

THE ELECTRICAL WORK IS NOT INCLUDED ON THE PLAN. SEE THE ELECTRICAL PLAN AND SPECIFICATIONS FOR DETAILS. REPORTS PLAN AND CALCULATIONS SHALL BE SUBMITTED TO THE STATE FOR APPROVAL. THESE INCLUDE A WORKING LIGHTING PLAN AND CALCULATIONS TO SHOW COMPLIANCE WITH THE INTERNATIONAL ENERGY COMPLIANCE CODE (IECC).

PROVIDE WEAVE OF DROPS ALLOWANCE FOR AC LOSS. THE LIGHTING LEVEL SHALL NOT BE LESS THAN 1 FOOT CANDLE AT THE WALKWAY SURFACE LEVEL.

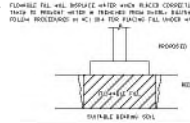
ELECTRICAL PENETRATIONS THROUGH CONSTRUCTION SHALL BE A U.L. APPROVED SPECIFICATIONS.

DIVISION 31 - EARTHWORK

FLOWABLE FILL SUPPORT FOR PIPES AND FOUNDATIONS

IN LIEU OF PLACING EXCAVATING FOOTINGS AND BACKFILLING, THE USE OF FLOWABLE FILL IS ALLOWED. EXTEND EXCAVATION 2' MINIMUM HORIZONTALLY BEYOND THE PROPOSED FOOTING SIZE TO A DEPTH NEEDED TO EXPOSE STABLE BEARING SOIL. FOR THE INTERIOR REPORT. FILL EXCAVATION WITH FLOWABLE FILL TO THE FOOTING BOTTOM. PROVIDE FLOWABLE FILL MIX A (CONTROLLED LOW-STRENGTH MATERIAL) PER ACI-229 AND THE HRWCA.

1. FLOWABLE FILL SHALL HAVE A STRENGTH OF 100 - 1000 PSI.
2. SLUMP SHALL BE 6"-8".
3. PLACEMENT SHALL NOT DEGRADE ORIGINAL GROUND OR WITH SUBGRADE TEMPERATURE LOW. TAKE SPECIAL PRECAUTIONS TO PREVENT FREEZING DURING PLACEMENT.
4. DO NOT PLACE FOOTING UNTIL ADEQUATE CURING OF FLOWABLE FILL HAS OCCURRED.
5. FLOWABLE FILL WILL DISPLACE WATER WHICH PLACED CONCRETE. CHECK FLOWS, DO THAT IS REQUIRE METHOD IS INDICATED FROM OVERFLOW. BULKHEAD THE FILL FOLLOW PROCEDURES IN ACI 304 FOR PLACING FILL UNDER WATER.



SITE WORK

THE SITE WORK CONTRACTOR IS RESPONSIBLE TO CONTACT OWNERS AUTHORITY. ALL UTILITIES SHALL BE LOCATED PRIOR TO STARTING EXCAVATION.

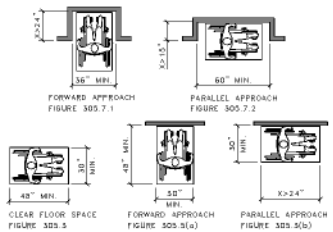
ALL EXCAVATION AND BACK FILL FOR WATERPROOFING ARE THE RESPONSIBILITY OF THE ROOFING AND MECHANICAL CONTRACTORS. TRENCH THICKNESS ARE TO BE FILLED IN 8" LAYER AND COMPACTED TO 95% OF THE MODIFIED PROCTOR VALUE. ENSURE TRENCH WIDTH IS CLEAR OF STALKING AND OTHER OBSTRUCTIONS PRIOR TO BACKFILL.

THE EXCAVATION CONTRACTOR SHALL VERIFY THE GENERAL CONTRACTOR OF ANY SOIL CONDITIONS WHICH APPEAR OUT OF THE ORDINARY. THE SOIL BEARING CAPACITY IS LISTED ON THE COVER SHEET.

ALL DRIVING SURFACE UNDER THE BUILDING AREA, UNDER PAVED AREAS AND AT SITE FILL AREAS SHALL BE SUITABLE COMPACTED. SOIL TESTING, COMPACTION TESTS TO CONFIRM SUCH.

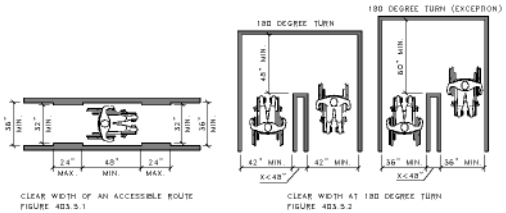
ALL FILL BEARING FILL PARTS PLACED AROUND AND BUILDING AREAS SHALL BE CLEAN GRANULAR FILL CONFORMING TO SECTION 1 OR 2 OF SECTION 2200 WITH OTHERWISE PLACE IN 8" MAXIMUM LIFTS AND COMPACT TO 95% OF THE MODIFIED PROCTOR VALUE. ONCE THE FINAL GRADE FLOOR PLANE SHALL BE A MINIMUM OF 12" BELOW BEARING OR BEAM COMPACTED TO THE 90% STANDARD. GRAVEL, BASE BEARING BEARING PLANES AREAS AND AREAS SHALL BE (2) OF COMPACTED CRUSHED STONE. THEN SHALL BE INSTALLED WITHIN THE (2" BASE PLATE ON TOP OF LOOSE ROCK. FILL SHALL NOT BE PLACED ON FROZEN GROUND AND NO FROZEN MATERIAL WILL BE USED FOR BACKFILL.

FOUNDATION TRENCHES MUST BE BACK FILLED UNIFORMLY ON EACH SIDE WITH EVEN PLACE FILL IN 8" LIFTS AND COMPACTED TO 95% OF THE MODIFIED PROCTOR VALUE. THE EXTERIOR



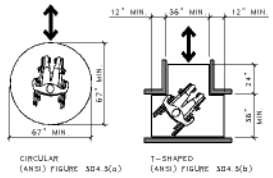
MINIMUM CLEAR FLOOR SPACE FOR WHEELCHAIRS (ANSI 305)

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



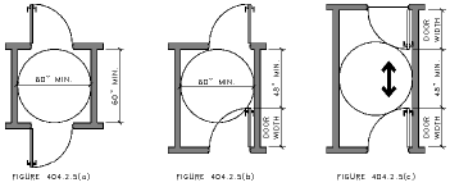
WALKING SURFACE CLEARANCE (ANSI 403.5)

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



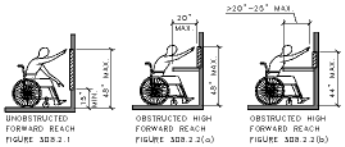
WHEELCHAIR TURNING RADIUS (ANSI 304.3)

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



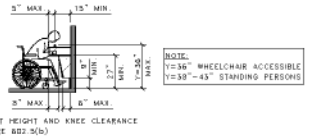
DOORS IN A SERIES (ANSI 404.2.3)

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



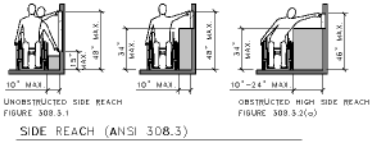
FORWARD REACH (ANSI 308.3)

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



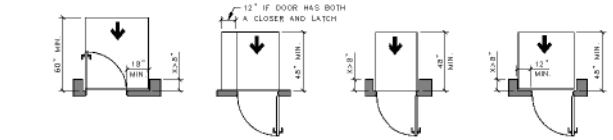
DRINKING FOUNTAINS (ANSI 602)

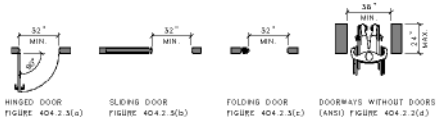
SCALE: 1/4" = 1'-0"



SIDE REACH (ANSI 308.3)

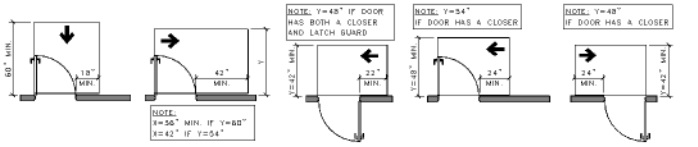
SCALE: 1/4" = 1'-0"

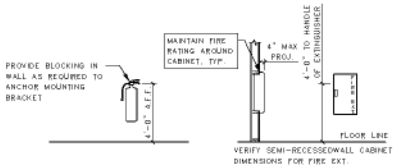




CLEAR WIDTH AT DOORS (ANSI 404.2.3)

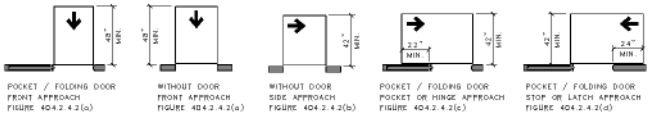
SCALE: 1/4" = 1'-0"





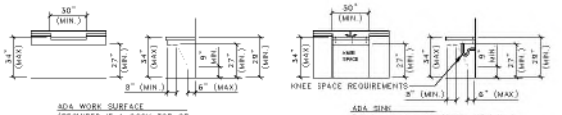
ADA - MOUNTING HEIGHT

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



MANEUVERING CLEARANCES AT MANUAL DOORS (ANSI 404.2)

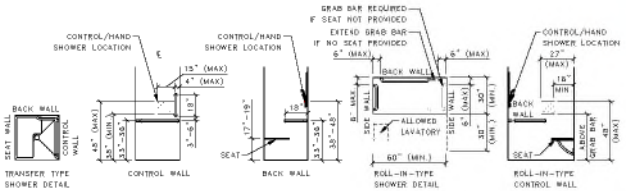
SCALE: 1/4" = 1'-0"

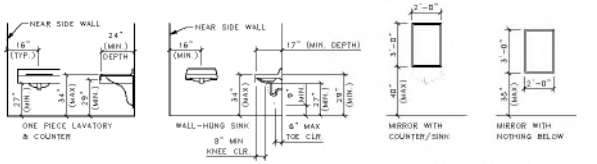


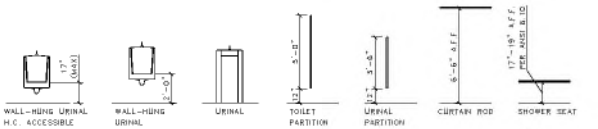
NOTE: STANDARDS SHOWN ARE PER ANSI A117.1

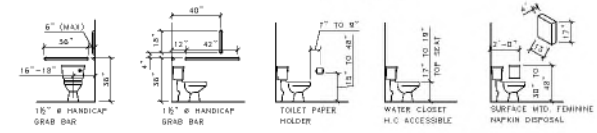
ADA WORK SURFACE REQUIREMENTS

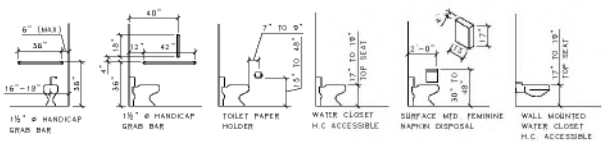
SCALE: NOT TO SCALE

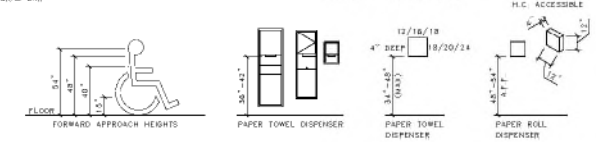


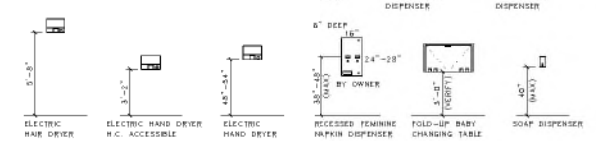












TYP. TOILET ROOM ACCESSORIES

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

NOTE:
1. PLUMBING FIXTURE DIMENSIONS SHOWN ARE FROM FACE OF WALL FINISH.
2. STANDARDS SHOWN ARE PER ANSI A117.1

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:

VALLEY CABINET INC.

845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266

JOB NUMBER: 25-4325

ED PROJECT MANAGER: CHRIS DUESCHER

DRAWN BY: J. NOOYEN

DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE

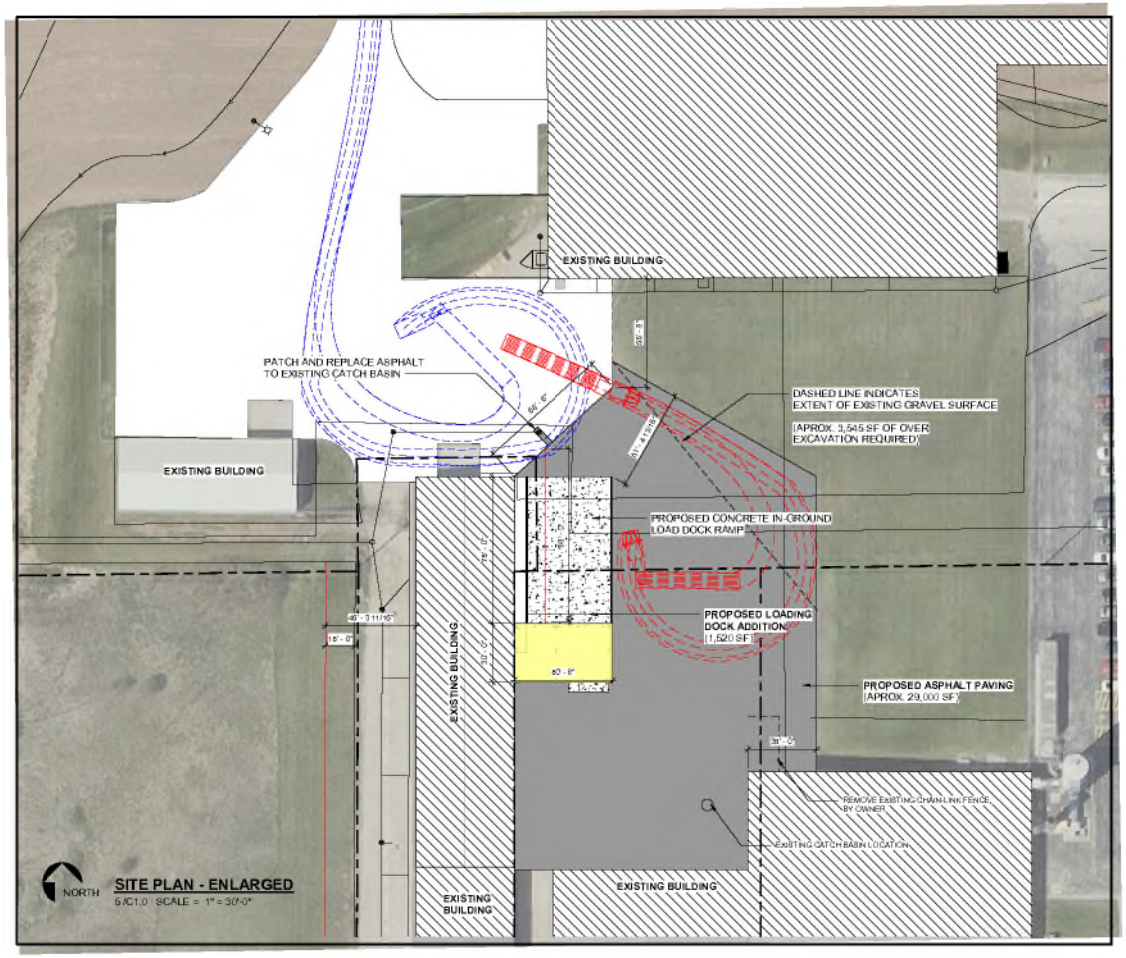
ISSUED FOR:

- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [x] CONSTRUCTION

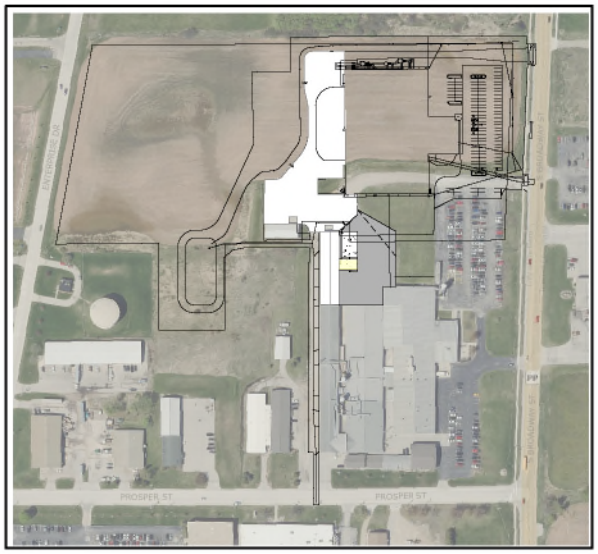
ADA DETAILS

SHEET: **T1.2**

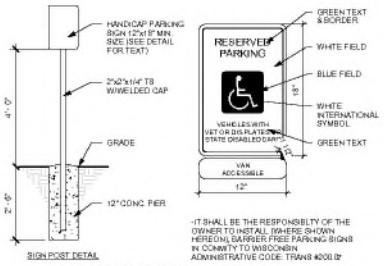
Z:\Projects\25266 - Valley Cabinet Loading Dock\25266 - Valley Cabinet Loading Dock\25266-01-26 12:35:42 PM



SITE PLAN - ENLARGED
5 /C1.0 SCALE = 1" = 30'-0"

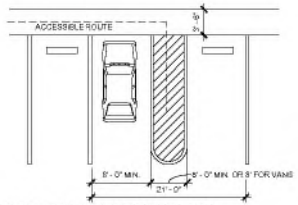


SITE PLAN - OVERALL
6 /C1.0 SCALE = 1" = 160'-0"

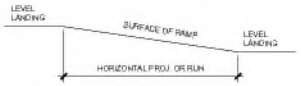


-IT SHALL BE THE RESPONSIBILTY OF THE OWNER TO INSTALL WHERE SHOWN HEREON, BARRIER FREE PARKING SIGNS IN CONMITY TO WISCONSIN ADMINISTRATIVE CODE TRAN§ 4200 Dr

1 /C1.0 HANDICAP PARKING SIGN DETAILS N.T.S.



2 /C1.0 HANDICAP PARKING SPACES N.T.S.



SLOPE	MAX. RISE IN.	MAX. HORIZ. PROJECTION FT.
1:12 TO 1:16	30	30
1:16 TO 1:20	30	40

3 /C1.0 SINGLE RAMP RUN N.T.S.

PARKING SITE REQ.

4.7.11 ISLANDS - ANY ISLAND IN CROSSING SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 48" LONG BETWEEN THE CURB RAMPS IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSING.

4.8 RAMPS

4.8.1 GENERAL - ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND COMPLY WITH 4.8.

4.8.2 SLOPE AND RISE - THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1:12. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30". (SEE FIG. 18) CURB RAMPS AND RAMPS TO BE CONSTRUCTED ON EXISTING SITES OR IN EXISTING BUILDINGS OR FACILITIES THAT HAVE SLOPES AND RISES AS ALLOWED IN 4.1.6(3)(A)(F SPACE LIMITATIONS PROHIBIT THE USE OF A 1:12 SLOPE OR LESS

4 /C1.0 SITE PARKIING REQUIREMENTS N.T.S.

BAYLAND

BAYLAND BUILDINGS
P.O. BOX 13571 GREEN BAY, WI 54307
(920) 498-9300 FAX (920) 498-3033
www.bayandbuildings.com
DESIGN & BUILD GENERAL CONTRACTOR

PROPOSED BUILDING ADDITION FOR:

VALLEY CABINET

DE PERE, WISCONSIN; COUNTY OF: BROWN

SCALE VERIFICATION
THIS BAR MEASURES 1" ON ORIGINAL
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT
THESE PLANS AND COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1990 AND NOVEMBER 30 AND UNITED TO ALL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL DESIGN AND ARRANGEMENT OF ROOMS AND SPACES, DIMENSIONS AND ELEMENTS OF DESIGN. THERE IS NO COPYRIGHT PROTECTION FOR THE PURPOSES OF THESE PLANS, INCLUDING BUILDINGS REPRESENTED CAN LEGALLY BE BUILT IN THE CONSTRUCTION OF CONSTRUCTION BUILDING BUILDINGS AND/OR MONETARY COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 25-4325

PROJECT EXECUTIVE: JIM THYES

DRAWN BY: DV

DATE: 02/02/2026

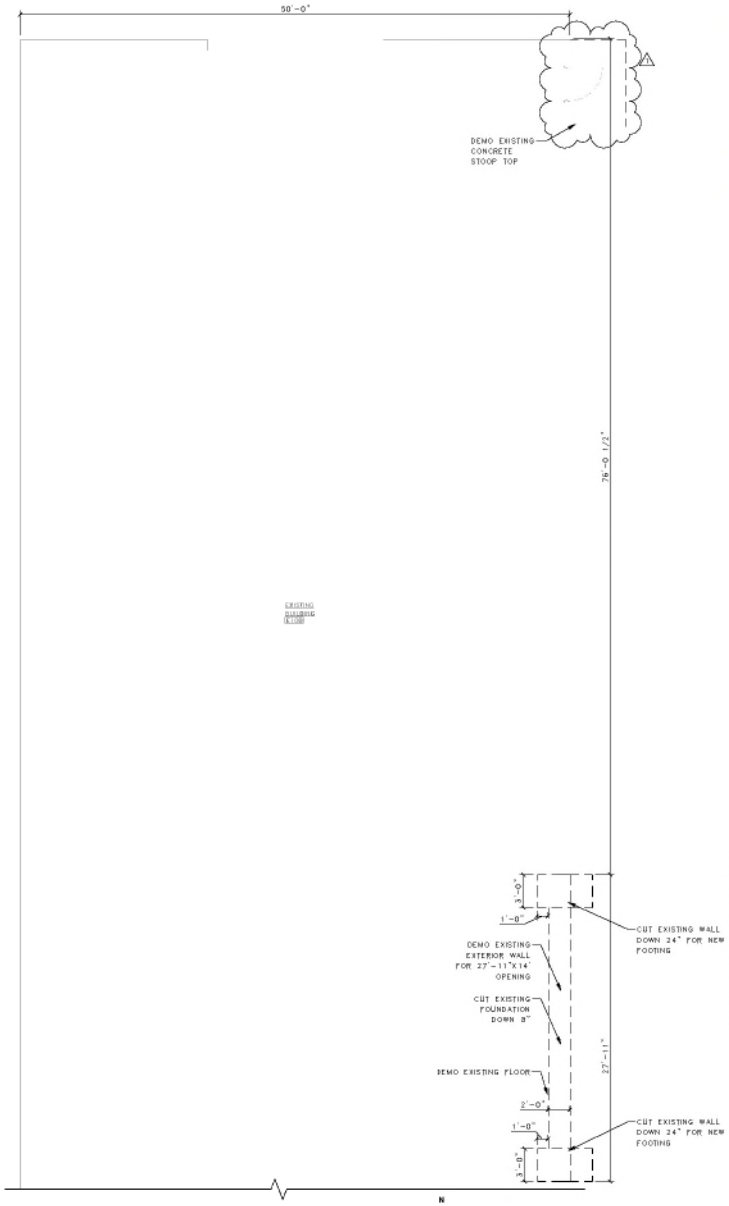
REVISIONS:

ISSUED FOR:	CHECKED BY:	DATE:
PRELIMINARY		
BID SET		
DESIGN REVIEW		
CHECK SET		
X CONSTRUCTION		

SITE PLAN

C1.0

2/2/2026 3:37:56 PM



DEMO / EXISTING PLAN

SCALE: 3/16" = 1'-0"

N
W E
S

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Fax: (920) 468-9506
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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:

VALLEY CABINET INC.

845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266

JOB NUMBER: 25-4325

ED PROJECT MANAGER: CHRIS DUESCHER

DRAWN BY: J. NOOYEN

DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:

- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [X] CONSTRUCTION

DEMO/EXISTING PLAN

SHEET: **D1.0**

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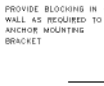
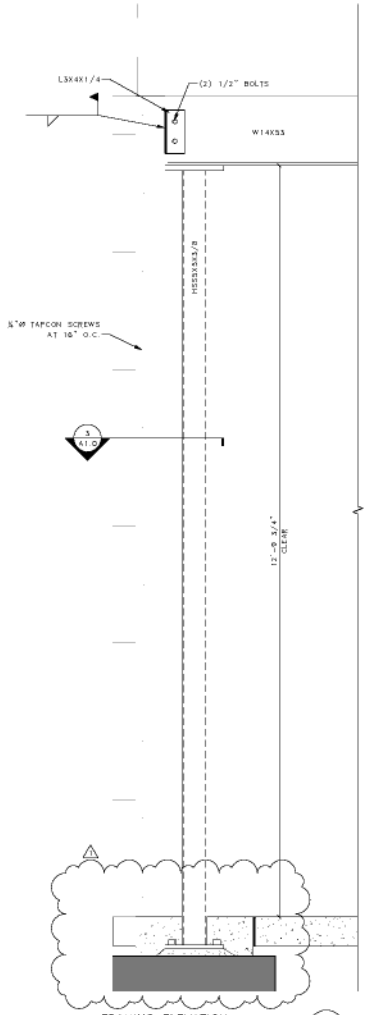
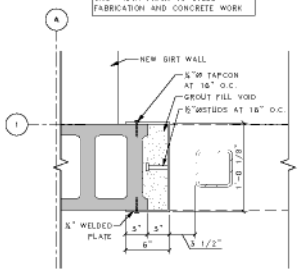


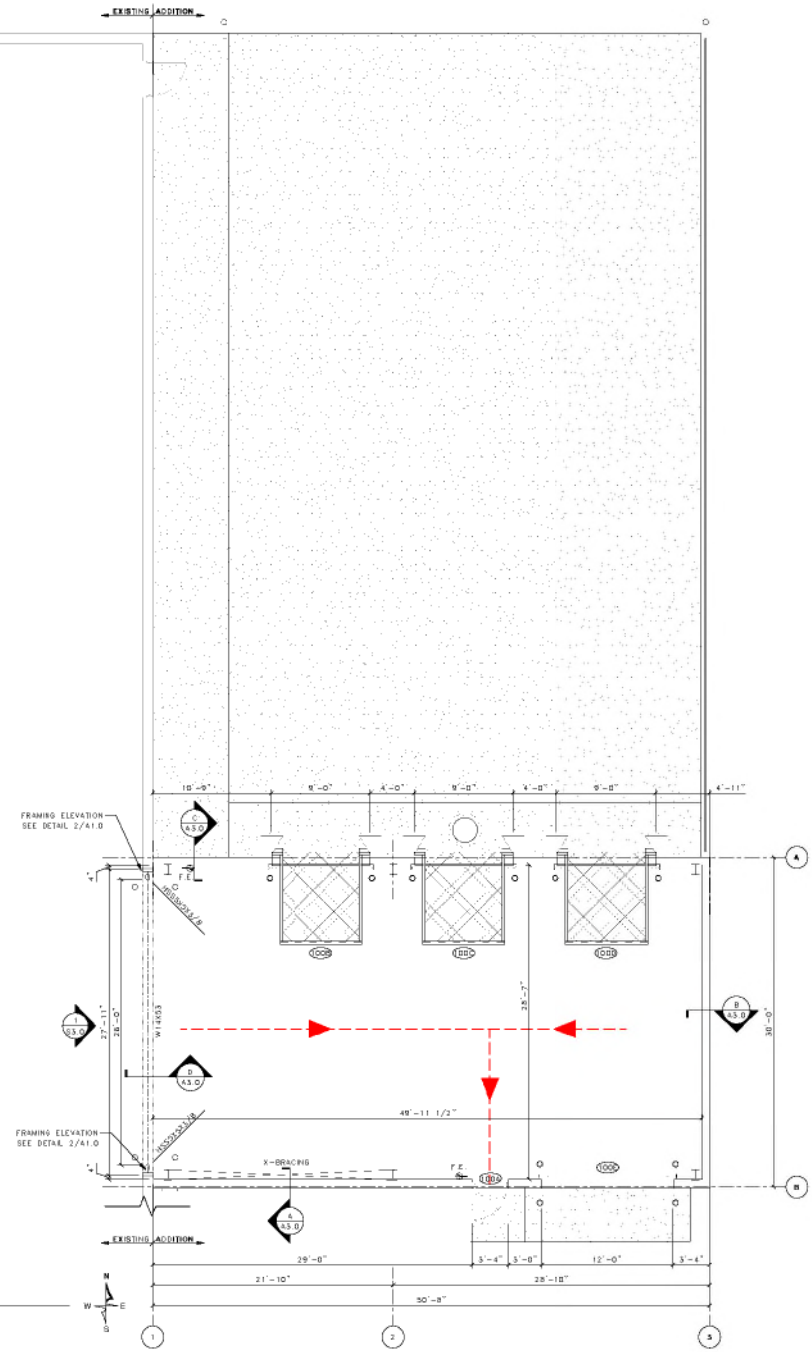
FIRE EXTINGUISHER DETAIL (1 / A1.0)
SCALE: 1/4" = 1'-0"



FRAMING ELEVATION
SCALE: 1" = 1'-0" (2 / A1.0)



WALL OPENING CAP PLATE
SCALE: 1 1/2" = 1'-0" (5 / A1.0)



FLOOR AND EGRESS PLAN
SCALE: 3/16" = 1'-0"

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE
WI 54115

ID JOB NUMBER: 25266
JOB NUMBER: 25-4325
ID PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [x] CONSTRUCTION

FLOOR AND EGRESS PLAN

SHEET: **A1.0**

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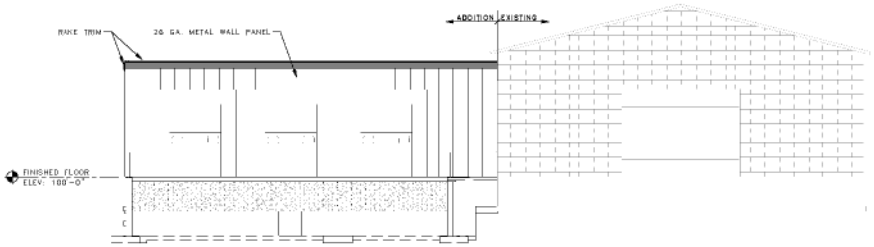
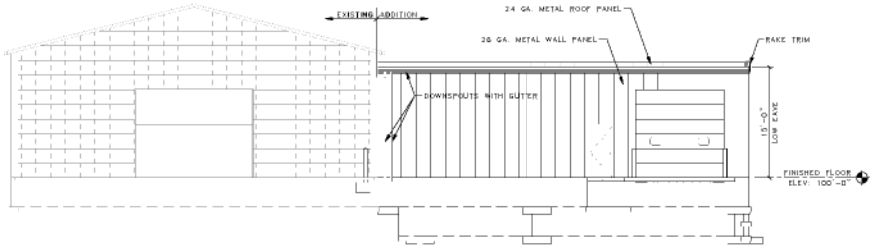
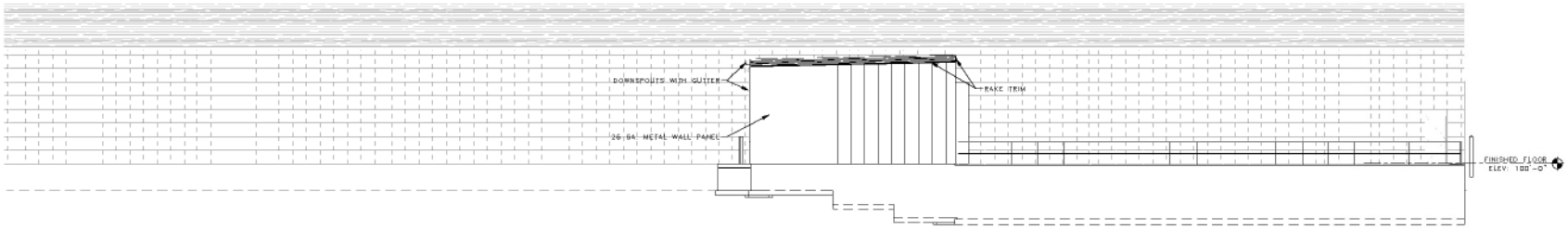


NORTH ELEVATION
SCALE: 1/8" = 1'-0"



SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE WI 54115

ID JOB NUMBER: 25266
JOB NUMBER: 25-4325
ID PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [X] CONSTRUCTION

ELEVATIONS

SHEET: **A2.0**

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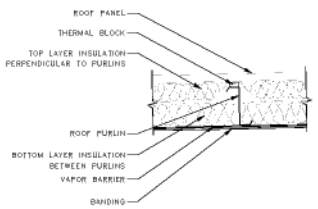
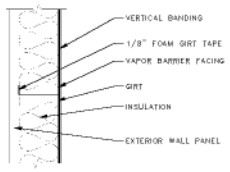


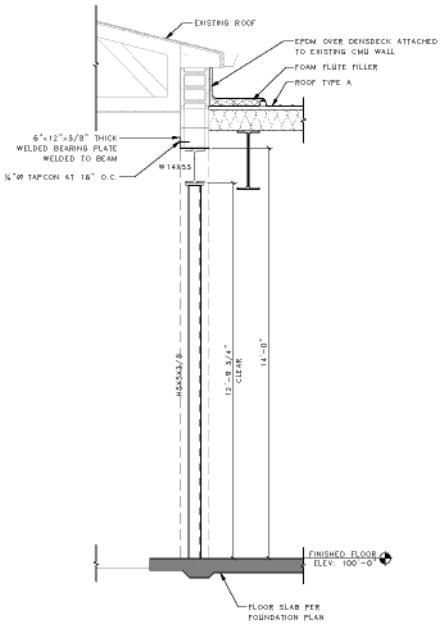
STANDING SEAM ROOF ASSEMBLY WITH THERMAL BLOCK DETAIL (2 / A3.0)
SCALE: 1" = 1'-0"



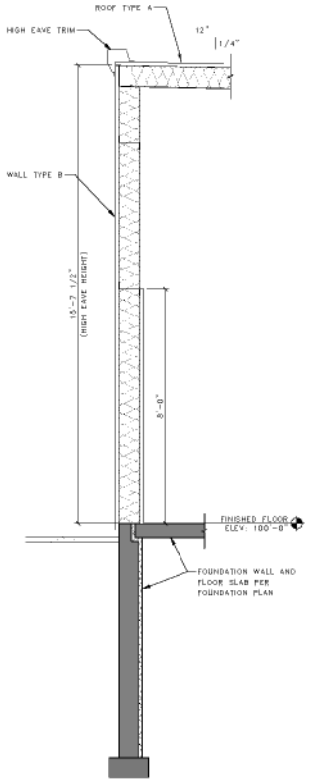
SINGLE LAYER WITH GIRT TAPE WALL ASSEMBLY DETAIL (1 / A3.0)
SCALE: 1" = 1'-0"

WALL AND ROOF TYPE SCHEDULE

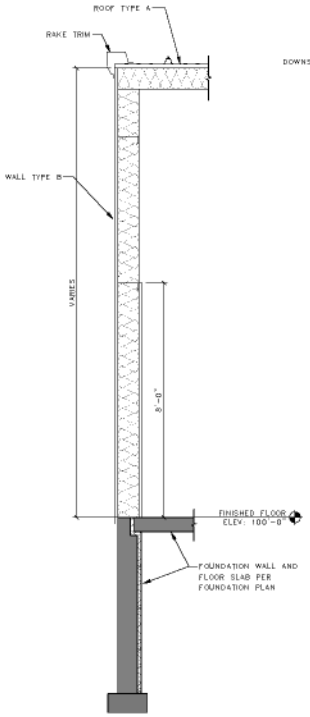
LETTER	DESCRIPTION
A	(2) LAYER INSULATION SYSTEM 24 GA. STANDING SEAM METAL ROOF PANELS WITH THERMAL BLOCKS 4" UNFACED BATT INSULATION (R-13) METAL PURLINS 9½" UNFACED BATT INSULATION (R-30) VAPOR BARRIER
B	26 GA. METAL WALL PANELS METAL GIRTS BATT INSULATION (R-30 AND 1/8" FOAM TAPE) VAPOR BARRIER METAL LINER PANEL



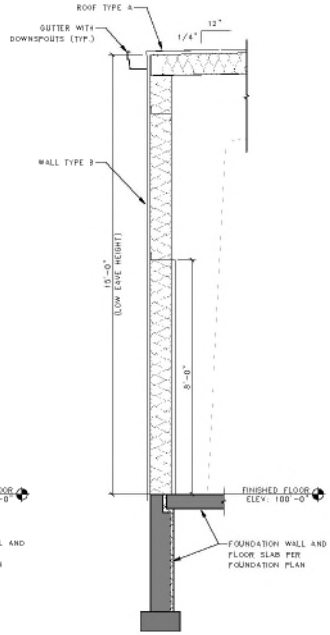
WALL SECTION (D / A3.0)
SCALE: 1/2" = 1'-0"



WALL SECTION (C / A3.0)
SCALE: 1/2" = 1'-0"



WALL SECTION (B / A3.0)
SCALE: 1/2" = 1'-0"



WALL SECTION (A / A3.0)
SCALE: 1/2" = 1'-0"

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266
JOB NUMBER: 25-4325
ED PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [X] CONSTRUCTION

SECTIONS

SHEET: **A3.0**

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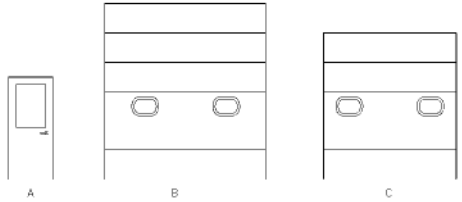


DOOR DIAGRAMS

NOT TO SCALE

FRAME DIAGRAMS

NOT TO SCALE

NOTE:
0 ALL OVERALL DIMENSIONS INDICATE FRAME SIZE.
0 ALL METAL FRAMES AND MULLIONS ARE DRAWN AS 2" UNLESS DIMENSIONED OTHERWISE.

DOOR SCHEDULE

NO.	DOOR DESCRIPTION			FRAME			HARDWARE			REMARKS
	SIZE (W x H)	DIAGRAM	MATERIAL	DIAGRAM	MATERIAL	DETAIL	FUNCTION	PANIC	CLOSER	
1004	3'-0" x 7'-0"	4	H.M.	1	H.M.	2/A4.0	ENTRANCE		YES	ELECTRIC STRIKE, CONTINUOUS PIANO HINGE
1008	9'-0" x 10'-0"	C	–	–	–	1/A4.0	–		–	–
1009	9'-0" x 10'-0"	C	–	–	–	1/A4.0	–		–	–
1010	9'-0" x 10'-0"	C	–	–	–	1/A4.0	–		–	–
1006	12'-0" x 12'-0"		–	–	–	1/A4.0	–		–	–

NOTES:
1. ALL EXTERIOR DOORS TO BE INSULATED AND HAVE WEATHER-STRIPPING AND A THRESHOLD.
2. THE GLAZING CONTRACTOR IS REQUIRED TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
3. COLOR OF DOOR, FRAME AND HARDWARE TO BE DETERMINED BY OWNER.
4. DOOR PROVIDER MUST MEET ALL APPLICABLE CODES.
5. DOCK DOORS INTO CONDITIONED SPACES ARE REQUIRED TO HAVE WEATHERSEALS PER IECC 502.4.6.
6. FIRE RATED ROLLING SHUTTER DOORS REQUIRE A SMOKE ACTIVATED CLOSER PER IBC 716.5.9.3 AND APPLICABLE CODES.
7. ALL H OCCUPANCIES ARE TO HAVE PANIC HARDWARE

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		REMARKS
				NORTH	SOUTH	EAST	WEST	MATERIAL	HEIGHT	
100	BUILDING ADDITION	SEALED CONCRETE	–	METAL WALL PANEL	METAL WALL PANEL	METAL WALL PANEL	METAL WALL PANEL	EXPOSED STRUCTURE	–	–

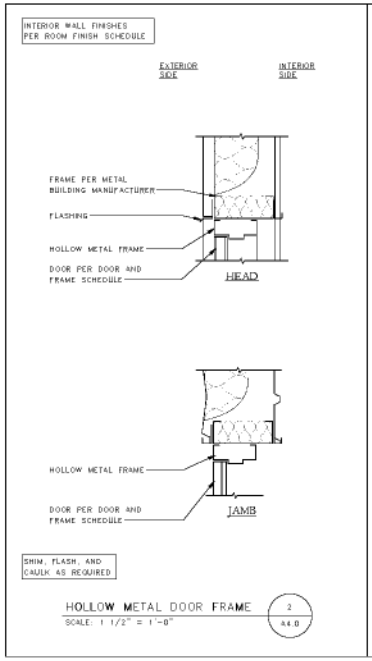
FLOOR FINISH TYPES:
CARPET - (DIRECT GLUED METHOD)
QUARTZ EPOXY - QUARTZ EPOXY APPLIED OVER CONCRETE FLOOR
CERAMIC TILE
EXPOSED - EXPOSED CONCRETE WILL HAVE A COMBINATION SEALER/CURING COMPOUND EQ. TO ASTM C 309
V.C. TILE - VINYL COMPOSITION FLOOR TILE (12"x12"x1/8")

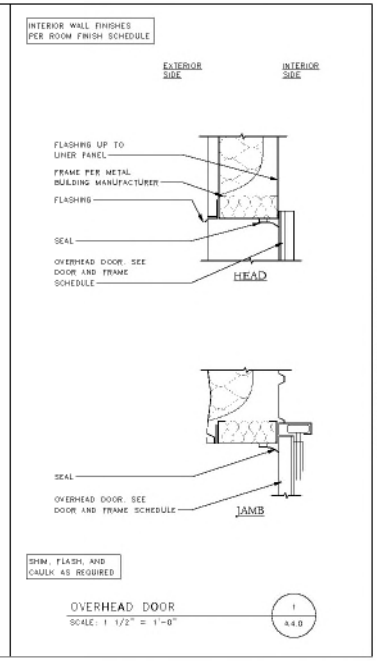
BASE FINISH TYPES:
VINYL - 4" HIGH WITH COVED PROFILE
CERAMIC - CERAMIC TILE 6" HIGH
WOOD

WALL FINISH TYPES:
PAINTED GYP. BOARD - 5/8" GYP. BD. TO BE TAPED, SANDED AND SMOOTH WITH (1) COAT PRIMER AND (2) COATS EGG SHELL LATEX PAINT 60"
CERAMIC WAINSCOT - CERAMIC WALL TILE OVER ½" GYPSUM BOARD TO 60" A.F.F. PAINTED GYP. BD. ABOVE WAINSCOT
GLASSBOARD - GLASSBOARD ADHERED TO NON-COMBUSTIBLE BACKER
EXPOSED - EXPOSED BUILDING STRUCTURE
PAINTED C.M.U. - STD. CMU WALL WITH (1) COAT BLOCK FILLER AND (2) COATS FINISH PAINT (INTERIOR EGGSHELL ACRYLIC ENAMEL)

CEILING FINISH TYPES:
2x2 REVEALED EDGE - 2'x2' ACOUSTICAL TILE ON SUSPENDED GRID SYSTEM
2x2 V.C.G.B. - 2'x2' VINYL COVERED GYPSUM BOARD ON SUSPENDED GRID SYSTEM
PAINTED GYP. BD. - 5/8" GYP. BD. TO BE TAPED, SANDED AND TEXTURED WITH (1) COAT PRIMER AND (2) COATS EGG SHELL LATEX PAINT
EXPOSED - EXPOSED BUILDING STRUCTURE/INSULATION

ROOM FINISH REMARKS:
-PROVIDE SOUND BATT INSULATION IN ALL INTERIOR WALLS
-PAINT ALL EXPOSED STAIRWAY METAL WITH (1) COAT PRIMER & (2) FINISH COATS PAINT





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www.integrityengineering.biz
Phone: (920) 468-9266
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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE
WI 54115

ED JOB NUMBER: 25266
JOB NUMBER: 25-4325
ED PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [X] CONSTRUCTION

SCHEDULES

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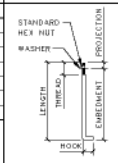
TYPICAL ANCHOR BOLT STANDARDS

ANCHOR BOLTS (NO GROUT)

SIZE	EMBEDMENT	PROJECTION	THREAD	LENGTH	HOOK
1/2" DIA.	9"	3"	4"	12"	2"
5/8" DIA.	9"	3"	4"	12"	2"
3/4" DIA.	12"	3"	4"	15"	3"
1" DIA.	15"	3"	4"	18"	3"
1 1/4" DIA.	21"	3"	4"	24"	4"
1/2" EXPANSION BOLTS				5"	
3/4" EXPANSION BOLTS				5"	

NOTES: 1. ALL ANCHOR BOLTS MUST BE ASTM F1554 GRADE 36 MINIMUM.
2. PROVIDE NUT AND WASHER AS SHOWN
3. PROVIDE HOLE CLEARANCE IN COLUMN BASE PLATES PER AISC 13TH EDITION.

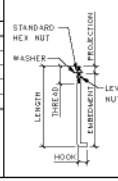
DIAGRAM



ANCHOR BOLTS (WITH GROUT)

SIZE	EMBEDMENT	PROJECTION	THREAD	LENGTH	HOOK
1/2" DIA.	9"	5"	6"	14"	2"
5/8" DIA.	9"	5"	6"	14"	2"
3/4" DIA.	12"	5"	6"	17"	3"
1" DIA.	15"	5"	6"	20"	3"
1 1/4" DIA.	21"	5"	6"	27"	4"

NOTES: 1. ALL ANCHOR BOLTS MUST BE ASTM F1554 GRADE 36 MINIMUM.
2. PROVIDE NUT AND WASHER AS SHOWN
3. PROVIDE HOLE CLEARANCE IN COLUMN BASE PLATES PER AISC 13TH EDITION.
4. PROVIDE MINIMUM 6,000 PSI NON-SHRINK GROUT UNLESS NOTED OTHERWISE

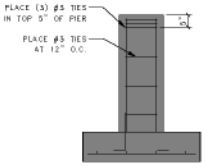


TYPICAL ARRANGEMENTS FOR PIER REINFORCING

ARRANGE VERTICAL BARS AND TIES AS SHOWN UNLESS ANOTHER ARRANGEMENT IS SPECIFICALLY DETAILED WITH THE PIER CROSS SECTION DETAIL.

(4) VERTICAL BARS (6) VERTICAL BARS (8) VERTICAL BARS

TYPICAL TIE PLACEMENT AT PIERS



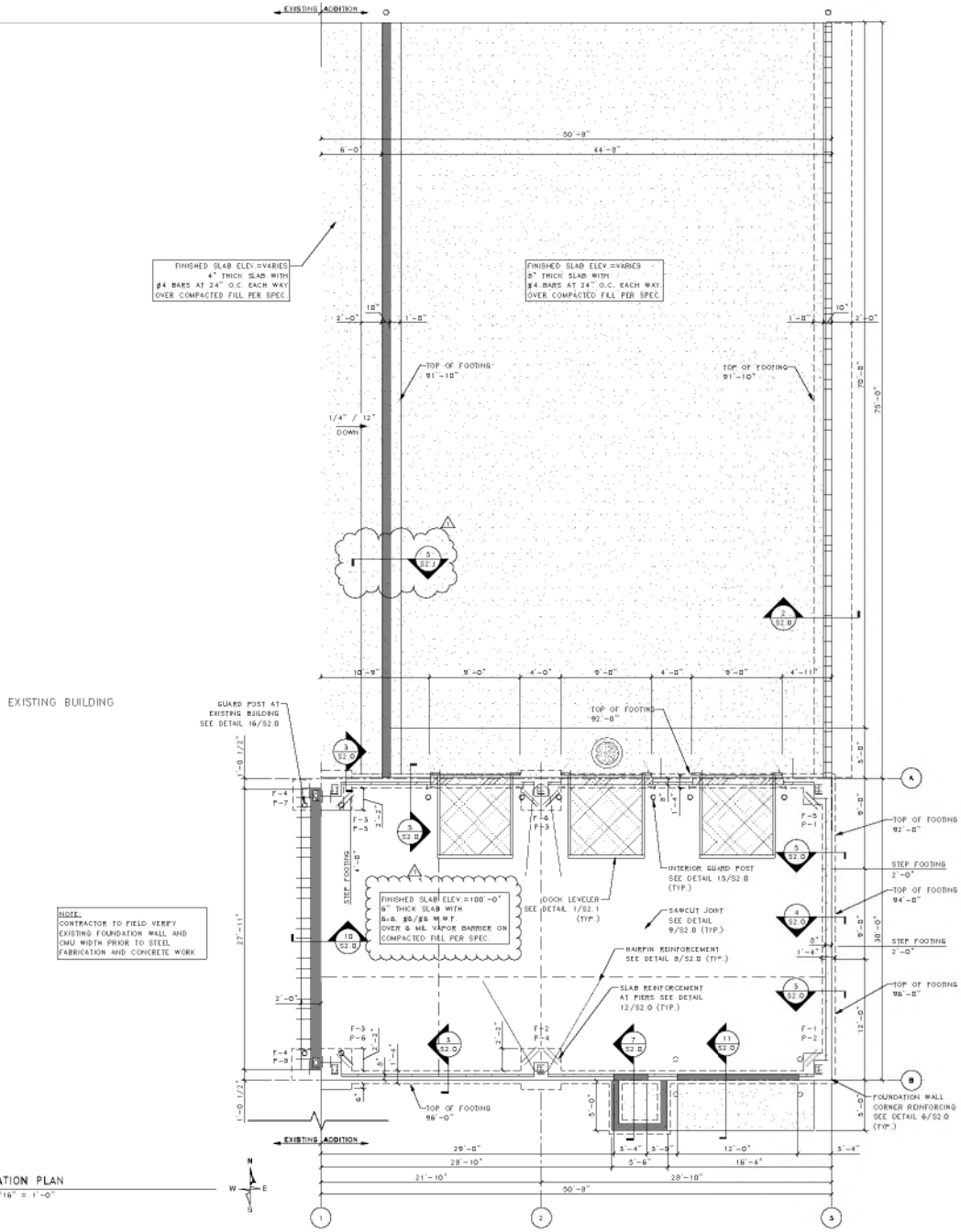
TOP OF FOUNDATION WALL KEY

- TOP OF CONCRETE = 100'-0"
- TOP OF CONCRETE = 99'-10"
- TOP OF CONCRETE = 99'-4½"
- TOP OF CONCRETE = 99'-4"
- TOP OF CONCRETE = 97'-8" (VERIFY)

FOOTING SCHEDULE

MARK	FOOTING SIZE (LxWxTHICKNESS)	FOOTING REINFORCING	TOP OF FOOTING ELEV.	FOOTING AND PIER CROSS SECTION
F-1	5'-0" x 5'-0" x 1'-0"	#5 BARS AT 12" O.C. EACH WAY	96'-0"	13/S2.0
F-2	4'-0" x 4'-0" x 1'-0"	#5 BARS AT 12" O.C. EACH WAY	96'-0"	13/S2.0
F-3	5'-0" x 4'-0" x 1'-0"	#5 BARS AT 12" O.C. EACH WAY	96'-0"	14/S2.0
F-4	5'-0" x 3'-0" x 1'-4"	#6 BARS AT 12" O.C. EACH WAY	99'-4"	6/S2.1
F-5	5'-0" x 5'-0" x 1'-0"	#5 BARS AT 12" O.C. EACH WAY	92'-0"	13/S2.0
F-6	4'-0" x 4'-0" x 1'-0"	#5 BARS AT 12" O.C. EACH WAY	92'-0"	13/S2.0

NOTE: FOOTING DIMENSIONS ON AN EXTERIOR WALL INCLUDE THE WIDTH OF THE STRIP FOOTING.



NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING FOUNDATION WALL AND CMU WIDTH PRIOR TO STEEL FABRICATION AND CONCRETE WORK

FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266
JOB NUMBER: 25-4325
ED PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [x] CONSTRUCTION

FOUNDATION PLAN

SHEET: **S1.0**

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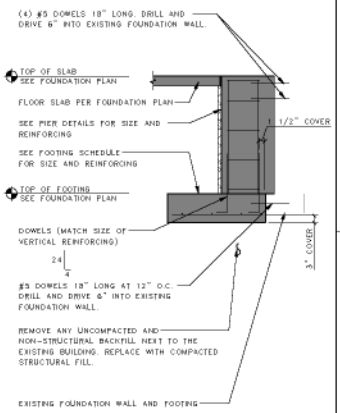
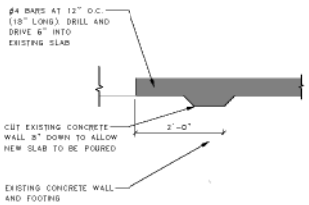
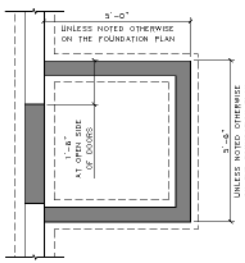
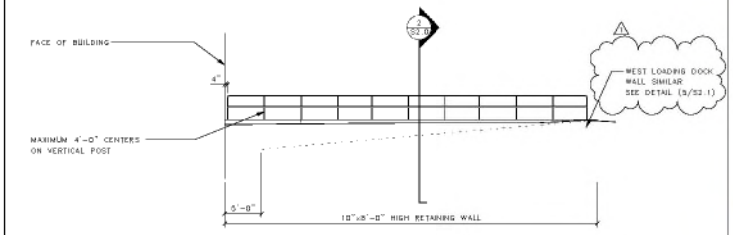


PIER ALONGSIDE EXISTING BUILDING (14 / S2.0)
SCALE: 1/2" = 1'-0"

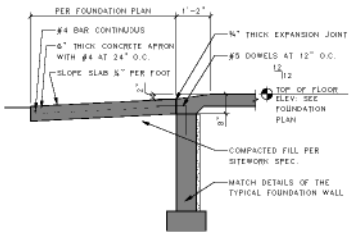


SLAB CONNECTION AT OPENINGS (10 / S2.0)
SCALE: 3/4" = 1'-0"

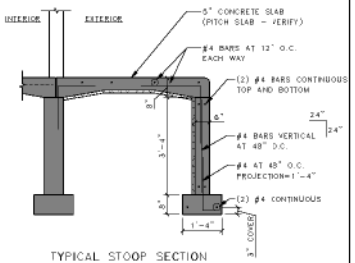




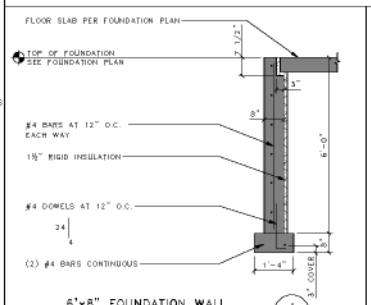
RETAINING WALL ELEVATION (1 / S2.0)
SCALE: 1/8" = 1'-0"



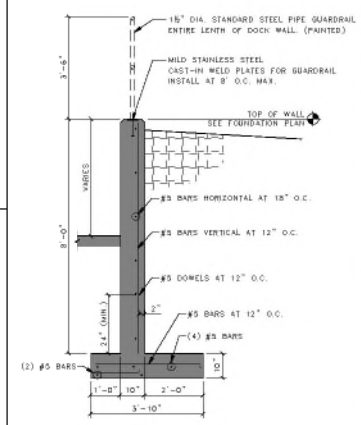
OVERHEAD DOOR WITH APRON (11 / S2.0)
SCALE: 1/2" = 1'-0"

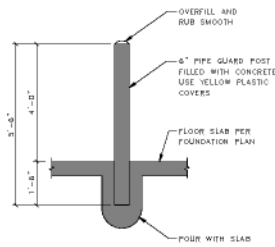


TYPICAL STOOP SECTION AT MAN DOORS (7 / S1.0)
SCALE: 1/2" = 1'-0"

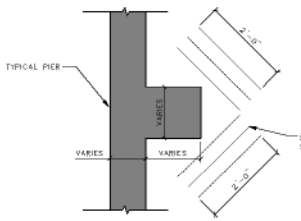


6'x8" FOUNDATION WALL (4 / S2.0)
SCALE: 1/2" = 1'-0"

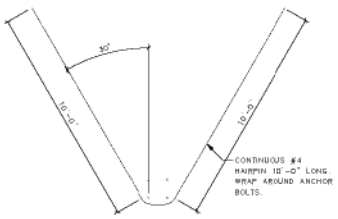




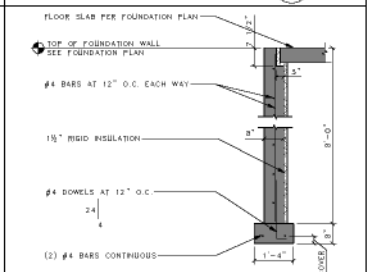
INTERIOR GUARD POST (15 / S2.0)
SCALE: 1/2" = 1'-0"



TYPICAL SLAB REINFORCING AT PIERS (12 / S2.0)
SCALE: 3/4" = 1'-0"

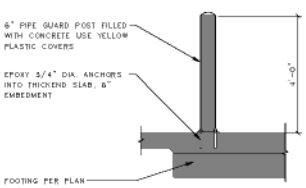


HAIRPIN DETAIL (8 / S1.0)
SCALE: 3/8" = 1'-0"

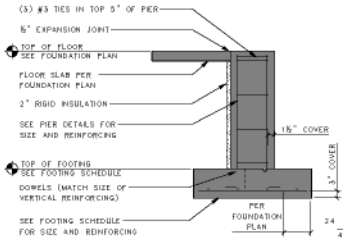


8'x8" FOUNDATION WALL (5 / S2.0)
SCALE: 1/2" = 1'-0"

LOADING DOCK WALL (2 / S2.0)
SCALE: 1/2" = 1'-0"

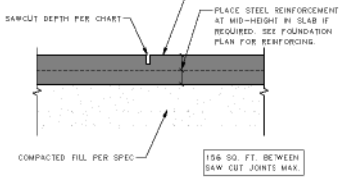


BOLTED GUARD POST DETAIL (16 / S2.0)
SCALE: 1/2" = 1'-0"

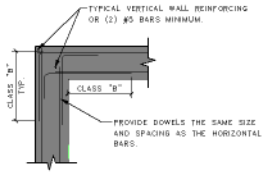


TYPICAL PIER WITH CENTERED FOOTING (13 / S2.0)
SCALE: 1/2" = 1'-0"

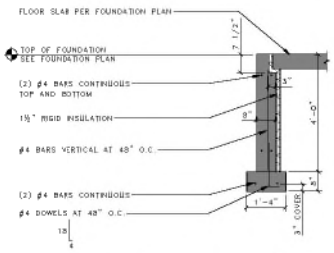
SLAB DEPTH	SAWCUT DEPTH
4"	1"
5"	1½"
6"	1½"
7"	1½"
8"	2"



SAWCUT DETAIL (9 / S2.0)
SCALE: 1 1/2" = 1'-0"



CORNER REINFORCING (6 / S2.0)
SCALE: 1/2" = 1'-0"



4'x8" FOUNDATION WALL (3 / S2.0)
SCALE: 1/2" = 1'-0"

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266
JOB NUMBER: 25-4325
ED PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [x] CONSTRUCTION

FOUNDATION DETAILS

SHEET: **S2.0**

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CONCRETE REINFORCING DEVELOPMENT AND LAP SPLICE CHART

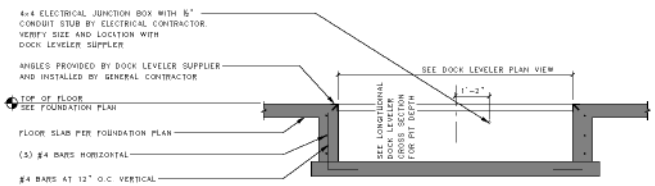
BAR SIZE \ CASE	DEVELOPMENT LENGTH OR CLASS 'A' LAP		DEVELOPMENT LENGTH OR CLASS 'B' LAP	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	19"	15"	24"	19"
#4	25"	19"	33"	25"
#5	31"	24"	41"	31"
#6	37"	29"	49"	37"
#7	54"	42"	71"	54"
#8	62"	48"	81"	62"
#9	70"	54"	91"	70"
#10	79"	61"	102"	79"

NOTES:
1. LENGTHS BASED ON 4,000 PSI.
2. BAR BASED ON YIELD STRENGTH OF 60,000 PSI.
3. BAR IS UNCOATED, UNLESS NOTED OTHERWISE
4. TOP BARS ARE THOSE LAID HORIZONTALLY WITH MORE THAN 12" OF FRESH CONCRETE BELOW.
5. SPLICES TO BE CLASS B, UNLESS NOTED OTHER WISE

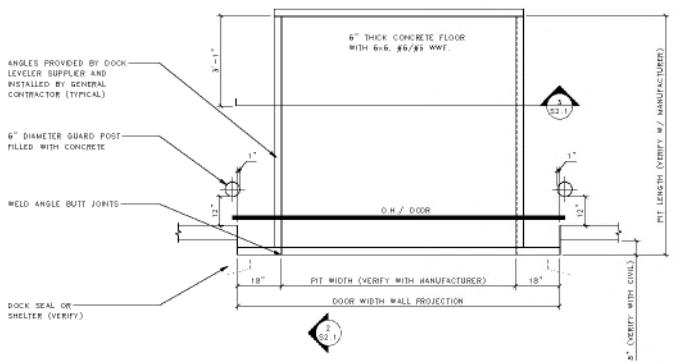
MASONRY LAP SPLICE

REBAR #	6" BLOCK	8" BLOCK	10" BLOCK	12" BLOCK
#3	12"	12"	12"	12"
#4	20"	14"	12"	12"
#5	31"	22"	17"	17"
#6	60"	43"	33"	33"
#7	84"	59"	46"	46"

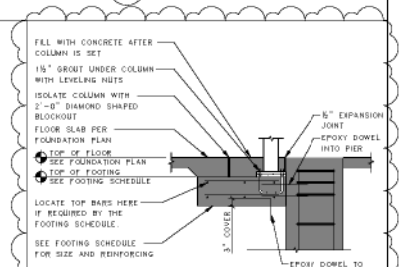
NOTES:
1. VALUES ASSUME SINGLE BAR IN CENTER OF WALL.
2. PROVIDE MECHANICAL SPLICES FOR #8 BARS AND LARGER.
3. SPLICE TO BE AT LEAST 125 PERCENT OF BAR YIELD STRENGTH.



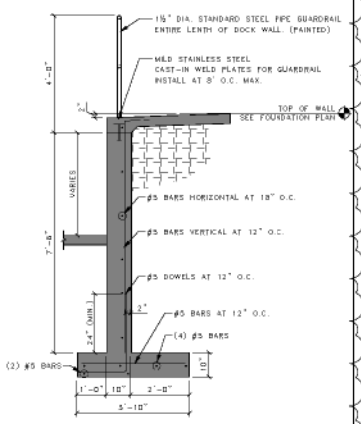
DOCK LEVELER CROSS SECTION (3 / S2.1)
SCALE: 1/2" = 1'-0"



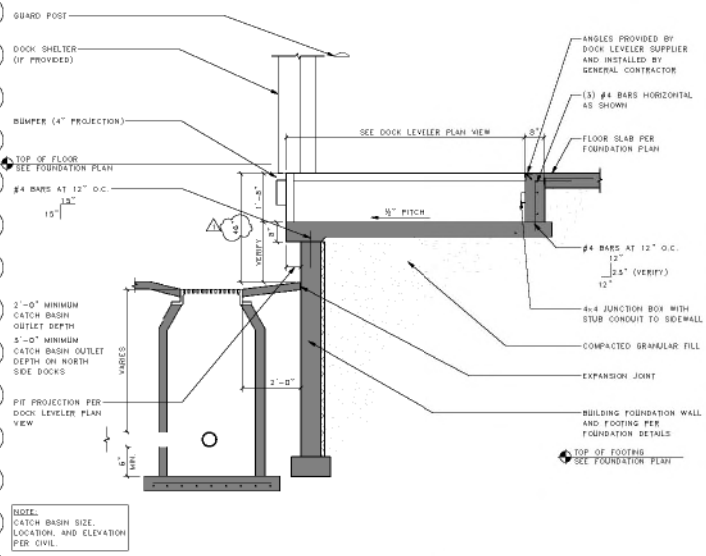
DOCK LEVELER PLAN VIEW (1 / S2.1)
SCALE: 1/2" = 1'-0"



INTERIOR COLUMN WITHOUT PIER (4 / S2.1)
SCALE: 1/2" = 1'-0"



LOADING DOCK WALL (5 / S2.1)
SCALE: 1/2" = 1'-0"



NOTE:
CATCH BASIN SIZE, LOCATION, AND ELEVATION PER CIVIL.

LONGITUDINAL DOCK LEVELER CROSS SECTION (2 / S2.1)
SCALE: 1/2" = 1'-0"

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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE WI 54115

ED JOB NUMBER: 25266
JOB NUMBER: 25-4325
ED PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [X] CONSTRUCTION

FOUNDATION DETAILS

SHEET: **S2.1**

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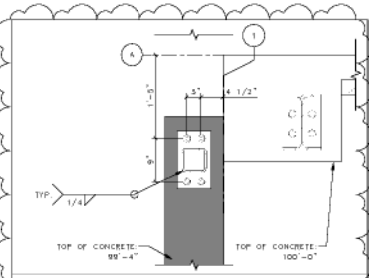
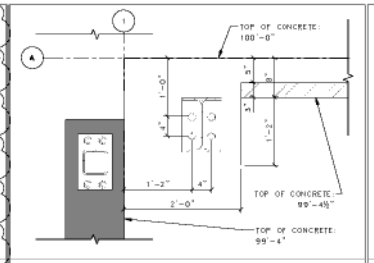
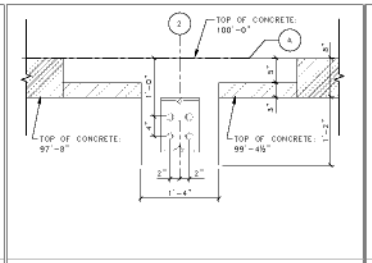


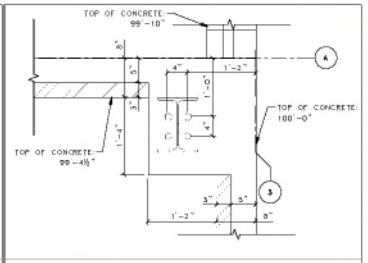
P-7
ANCHOR BOLTS: (4) 3/4" DIA. WITH ADDED PROJECTION AND LEVELING NUTS
PLATE: L: 12" W: 7" T: 3/4"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: 1½"



P-5
ANCHOR BOLTS: (4) 3/4" DIA.
PLATE: L: 11 1/2" W: 8"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: NONE

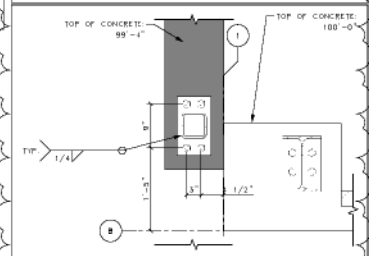


P-3
ANCHOR BOLTS: (4) 3/4" DIA.
PLATE: L: 11 5/8" W: 8"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: NONE

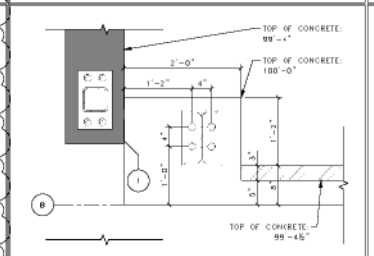


P-1
ANCHOR BOLTS: (4) 3/4" DIA.
PLATE: L: 11 3/4" W: 8"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: NONE

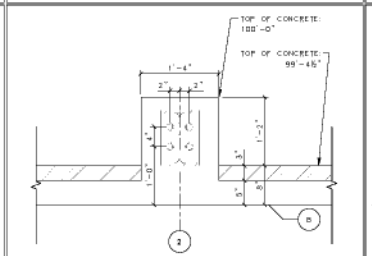
NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING FOUNDATION WALL AND CMU WIDTH PRIOR TO STEEL FABRICATION AND CONCRETE WORK



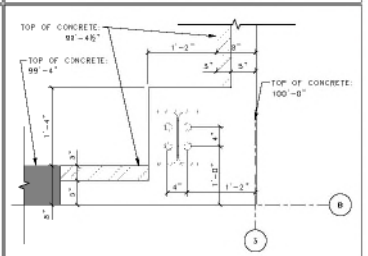
P-8
ANCHOR BOLTS: (4) 3/4" DIA. WITH ADDED PROJECTION AND LEVELING NUTS
PLATE: L: 12" W: 7" T: 3/4"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: 1½"



P-6
ANCHOR BOLTS: (4) 3/4" DIA.
PLATE: L: 11 1/2" W: 8"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: NONE



P-4
ANCHOR BOLTS: (4) 3/4" DIA.
PLATE: L: 11 1/2" W: 8"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: NONE



P-2
ANCHOR BOLTS: (4) 3/4" DIA.
PLATE: L: 11 3/4" W: 8"
TOP OF CONCRETE ELEV: SEE DETAIL
PIER REINFORCING: (6) #5 VERTICAL BARS WITH #3 TIES AT 12" O.C.
GROUT: NONE

INTEGRITY ENGINEERING & DESIGN, LLC
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BAYLAND

PROPOSED LOADING DOCK ADDITION FOR:
VALLEY CABINET INC.
845 PROSPER ST.
DEPERE
WI 54115

ED JOB NUMBER: 25266
JOB NUMBER: 25-4325
ED PROJECT MANAGER: CHRIS DUESCHER
DRAWN BY: J. NOOYEN
DATE: 01/23/2026

ISSUED FOR CONSTRUCTION

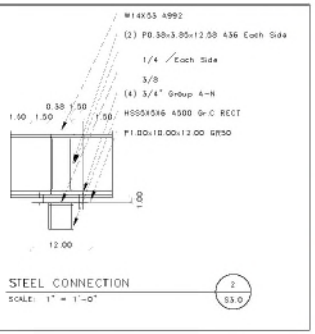
NO.	REVISIONS	DATE
1	BAYLAND REQUEST	1-29-2026

ISSUED FOR:
- [ ] PRELIMINARY
- [ ] DESIGN REVIEW
- [X] CONSTRUCTION

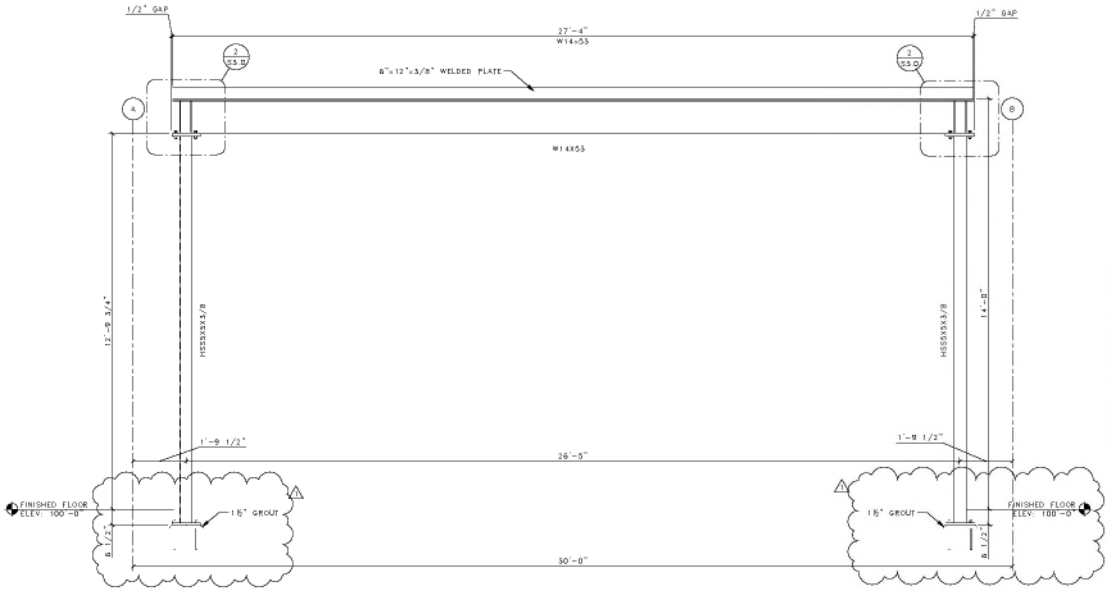
PIER DETAILS

SHEET: **S2.2**

Z:\Projects\25266 - Valley Cabinet Loading Dock\25266 - Valley Cabinet Loading Dock.dwg 01/29/2026 12:33:34 PM



STEEL CONNECTION (2 / S3.0)
SCALE: 1" = 1'-0"



FRAMING ELEVATION (1 / S3.0)
SCALE: 1/2" = 1'-0"

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FRAMING ELEVATION

SHEET: **S3.0**

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