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FRENCH LANDING DOCK RENOVATION 12090 HAGGERTY RD. BELLEVILLE, MI 48111

DIRECTORY

DRAWING INDEX

ARCHITECT HOPPE DESIGN 47032 McBRIDE BELLEVILLE, MI 48111 734-218-2492

TITLE SHEET SURVEY TOPOGRAPHIC SURVEY (FOR REFERENCE ONLY)

PARTIAL SITE PLAN, ELEVATIONS AND DETAILS

APPLICANT AND OWNER

STRUCTURAL NOTES

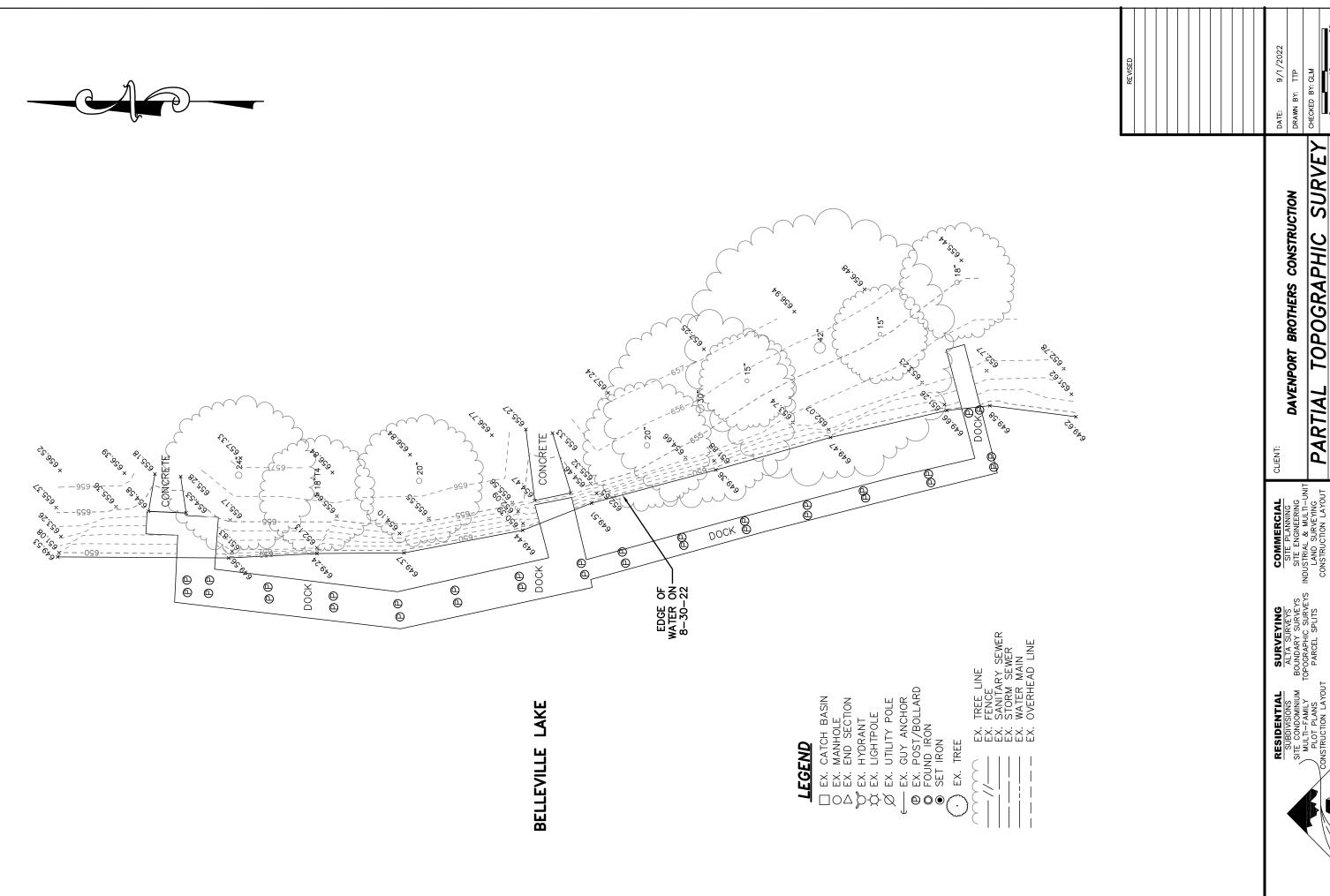
VAN BUREN TOWNSHIP

NOVI, MI 48377

SURVEYOR ALPINE ENGINEERING 46982 WEST ROAD, SUITE 109 PARTIAL SITE PLAN AND DETAILS PARTIAL SITE PLAN AND DETAILS

CIVIL

LIGHTING PLAN



SURVEY

PARTIAL COMMERCIAL
SITE PLANNING
SITE ENGINEERING
INDUSTRIAL & MULTI-UNIT
LAND SURVEYING
CONSTRUCTION LAYOUT

46892 WEST ROAD SUITE 109 NOVI, MICHIGAN 48377

ENGINEERING, INC.

(248) 926–3701 (BUS) (248) 926–3765 (FAX) WWW.ALPINE—INC.NET

SECTION: 24

12090 HAGGERTY ROAD
TOWNSHIP:3S
VAN BUREN TOWNSHIP
WAYNE COUNTY
MICHIGAN

RANGE: 8E

CHF: BAJ SCALE HOR 1"= 20 FT. VER 1"= FT.

FRENCH LANDING DOCK RENOVATION	12090 HAGGERTY RD. BELLEVILLE, MI 4811
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PROJECT: 2216 DATE: 10.30.22 DRAWN: WCH CHECKED: WCH

REVISIONS

ARC SPOT WELDS (PUDDLE WELDS) TO SUPPORTS SHALL HAVE A DIAMETER OF \(\frac{8}{0} \) MINIMUM OR AN ELONGATED WELD OF \(\frac{8}{0} \) MINIMUM WIDTH AND \(\frac{3}{4} \) MINIMUM LENGTH. WELD METAL SHALL PENETRATE ALL LAYERS OF DECK MATERIAL AT END LAPS AND HAVE ADEQUATE FUSION TO THE SUPPORTING MEMBERS. WELDING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STANDARD "SPECIFICATION FOR WELDING SHEET STEEL IN STRUCTURES" AWS D1.3.	
UNITS SHALL BE FASTENED TO THE STEEL SUPPORTS AT THE END OF THE UNITS AND AT INTERMEDIATE SUPPORTS AND TO THE STEEL SUPPORTS AT THE SIDE BOUNDARIES BY ₹ DIAMETER PUDDLE WELDS AT 12" OC. SHEAR STUDS WELDED THROUGH DECK MAY BE USED IN	TABLE
DI ACE OF 3" DIAMETER DUDDIE WELDS	

JNITS SHALL BE FASTENED TO THE STEEL SUPPORTS AT THE END OF THE UNITS AND AT INTERMEDIATE SUPPORTS AND TO THE STEEL
SUPPORTS AT THE SIDE BOUNDARIES BY 🖁 DIAMETER PUDDLE WELDS AT 12" OC. SHEAR STUDS WELDED THROUGH DECK MAY BE USED
PLACE OF ₹" DIAMETER PUDDLE WELDS.

THE SIDE LAPS OF ADJACENT UNITS SHALL BE FASTENED BETWEEN SUPPORTS BY BUTTON PUNCHING AT 24" OC UNO.

UNLESS OTHERWISE NOTED, ALL BEAMS AND LINTELS BEARING ON MASONRY SHALL HAVE A MINIMUM BEARING LENGTH OF 7 ½" AND SHALL HAVE A MINIMUM OF TWO BLOCK COURSES AT 32" LONG OF SOLID MASONRY UNDER THE BEARING SURFACE.

WHERE STEEL CONNECTIONS ARE NOT FULLY DETAILED ON THE DESIGN DRAWINGS (WITH ALL REQUIREMENTS FOR BOLTS, PLATES, WELDS, DIMENSIONS, ETC SHOWN) CONNECTIONS SHALL BE DESIGNED BY THE STEEL CONTRACTOR UNDER THE SUPERVISION OF A P.E. LICENSED IN THE STATE THAT HAS JURISDICTION OVER THE PROJECT.

WHERE TYPICAL OR INCOMPLETE CONNECTIONS ARE SHOWN ON THE DESIGN DRAWINGS. THOSE DETAILS SHALL BE USED AS A BASIS FOR CONNECTION DESIGN TO BE COMPLETED BY THE CONTRACTOR. ALTERNATE CONNECTIONS DESIGNED BY THE STEEL CONTRACTOR WILL BE PROVIDED IF REQUIRED DESIGN FORCES CANNOT BE ACHIEVED BY THE TYPICAL OR EXAMPLE CONNECTION, OR IF AUTHORIZATION TO ALTER THE

DETAIL IS PROVIDED BY THE DESIGN ENGINEER. WHERE CONNECTION FORCES ARE INDICATED ON THE DRAWINGS, PROVIDE CONNECTIONS DESIGNED TO RESIST THE FORCE SHOWN.

WHERE CONNECTION FORCES ARE NOT INDICATED ON THE DRAWINGS, PROVIDE CONNECTIONS DESIGNED TO RESIST FORCES AS FOLLOWS: FOR SHEAR CONNECTIONS IN NON-COMPOSITE MEMBERS, DESIGN CONNECTIONS TO RESIST 50% OF THE TOTAL ALLOWABLE UNIFORM LOAD SHOWN IN THE TABLES IN PART 3 OF THE AISC MANUAL OF STEEL CONSTRUCTION. FOR SHEAR CONNECTIONS IN COMPOSITE MEMBERS, DESIGN CONNECTIONS TO RESIST 75% OF THE TOTAL ALLOWABLE UNIFORM LOAD SHOWN IN THE TABLES IN PART 3 OF THE AISC MANUAL OF STEEL CONSTRUCTION. FOR MOMENT CONNECTIONS, DESIGN CONNECTIONS TO RESIST 100% OF MOMENT CAPACITY OF THE MEMBER.

ALL FULLY TENSIONED A490 BOLTS SHALL HAVE WASHERS BENEATH BOTH NUT AND HEAD. PROVIDE TEMPLATES TO LOCATE ANCHOR BOLTS AND

SHOP AND FIELD CONNECTIONS SHALL BE MADE BY WELDING OR HIGH STRENGTH BOLTING. BOLTED CONNECTIONS SHALL CONFORM TO ASTM A325-X USING LOAD INDICATOR WASHERS (LIW) OR LOAD INDICATOR BOLTS (LIB). BEAM CONNECTIONS SHALL PROVIDE SHEAR CAPACITY TO SUPPORT A REACTION R EQUAL TO HALF THE SHEAR CAPACITY OF BEAM. USE 3" DIA BOLTS, E70XX 3" WELD AND 4" ANGLE THICKNESS.

ELECTRODES CONFORMING TO AWS A5.1 OR A5.5 SHALL BE USED FOR SHIELDED METAL ARC METHOD AND FX7-ECXX ELECTRODE CONFORMING

ALL WELDING SHALL BE PERFORMED USING THE ELECTRIC ARC METHOD IN ACCORDANCE WITH THE LATEST REVISION OF THE AWS D1.1. E70XX

ALL WELDS SHALL BE PROVIDED AS SHOWN IN THE STRUCTURAL DETAILS UNLESS THICKER WELD IS REQUIRED DUE TO MATERIAL THICKNESSES. WHERE WELD IN NOT DETAILED, WELD SHALL BE DESIGNED BY A LICENSED ENGINEER RETAINED BY THE CONTRACTOR TO MEET CONNECTION CAPACITY REQUIREMENTS LISTED ABOVE. WELD SIZES SHALL BE INCREASED AS NEEDED TO MEET THE FOLLOWING MINIMUM WELD SIZE REQUIREMENTS BASED ON THE SMALLER MATERIAL THICKNESS OF THE PIECES OF STEEL BEING WELDED TOGETHER:

MATERIAL THICKNESS MIM FILLET WELD SIZE (PROVIDE LARGER WELD IF REQUIRED FOR STRESS) ¼" AND UNDER OVER ¼" TO ½" OVER ½" TO ¾"

IF PENETRATIONS THROUGH WEBS OF STEEL BEAMS WILL BE REQUIRED, CONTRACTOR TO NOTIFY ENGINEER OF RECORD. SEE ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS AND NON-STRUCTURAL STEEL.

STEEL JOISTS
PROVIDE AND INSTALL BRIDGING IN ACCORDANCE WITH STEEL JOISTS INSTITUTE STANDARDS. ALL ENDS OF BRIDGING LINES TERMINATING AT MASONRY WALLS SHALL BE ANCHORED THERETO IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE BRIDGING DOES NOT TERMINATE AT A MASONRY WALL, THE FIRST AND SECOND BAYS FROM THE END OF THE BRIDGING IS TO BE DIAGONAL X-BRIDGING. MANUFACTURER TO PROVIDE ADDITIONAL BRIDGING AS REQUIRED TO SATISFY SJI UPLIFT REQUIREMENTS.

WHERE STEEL JOISTS SUPPORT MOVEABLE PARTITIONS, JOIST MANUFACTURER SHALL DESIGN JOIST FOR A MAXIMUM LIVE/SNOW LOAD DEFLECTION OF THE SMALLER OF 1/2" AND L/360.

JOIST MANUFACTURER SHALL LIMIT JOIST DEFLECTION DUE TO LIVE/SNOW LOAD TO L/360.

THE ENDS OF STEEL JOIST SHALL BEAR A MINIMUM DISTANCE OF 2½ INCHES OVER STEEL SUPPORTS AND 4 INCHES OVER ALL OTHER SUPPORTS. THE ENDS SHALL BE FASTENED BY BOLTING AND OR WELDING.

ERECTION OF JOISTS AND JOIST BRIDCING SHALL CONFORM TO ALL REQUIREMENTS OF OSHA AND JOIST MANUFACTURER.

ALL LUMBER IN CONTACT WITH MASONRY OR STEEL TO BE PRESERVATIVE TREATED.

ALL FLUSH FRAMED CONNECTIONS ARE TO MADE USING JOIST HANGERS DESIGNED FOR THE SPECIFIC CONDITION UNLESS OTHER CONNECTIONS ARE PROVIDED.

SHOP DRAWINGS SHALL BE PROVIDED FOR ALL ENGINEERED WOOD MATERIAL INDICATING PRODUCTS, DETAILS, CONNECTIONS AND ACCESSORIES AS REQUIRED BY THE MANUFACTURE TO MEET PROJECT LOADING REQUIREMENTS.

OBSERVE ALL CODE REQUIREMENTS FOR BRIDGING, BORING, AND NOTCHING OF STUDS AND JOISTS. FOR BRIDGING, BORING AND NOTCHING OF ENGINEERED WOOD PRODUCTS OBSERVE ALL MANUFACTURER REQUIREMENTS. BRIDGING SHALL BE PROVIDED FOR ALL ROOF RAFTERS.

ALL ROOF RAFTERS ARE TO BE 24" ON CENTER UNLESS OTHERWISE NOTED.

A. VERTICAL WEB MEMBERS FOR ALL GABLE END TRUSSES SHALL BE DESIGNED TO RESIST A HORIZONTAL WIND LOAD RESULTING FROM THE

DESIGNED WIND SPEED WITHOUT EXCEEDING THE DEFLECTION LIMIT OF L/600 OF THEIR RESPECTIVE VERTICAL SPANS. BRIDGING FOR BOTTOM CHORDS SHALL BE DESIGNED TO DISTRIBUTE THE HORIZONTAL WIND LOAD PROPOSED ON THE COMPLETE BUILDING TO THE SHEAR WALLS AND SHALL BE DESIGNED FOR A TOTAL IMPOSED WIND LOAD ON BUILDING INCLUDING WINDWARD AND LEEWARD PRESSURE FROM THE DESIGNED WIND SPEEDS.

DESCRIPTION	MA NUFA CTURER	M/O DEL	STYLE	FINISH	COLOR	STANDARDS/ RESPONSIBILITY	COMMENTS	
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•				DIVI SIC	ON 3	•		
	•			DIVI SIC	DN 4	i		•
		į						
				DOS NO				
		1	i	DIVI SIC	JN 5			1
STRUCTURAL STEEL		Fy= 50 KSI			N/A	ASTM A-36; A992	HOLES TO BE DRILLED NOT	Х
W SHAPES		Fv= 50 KSI			N/A	ASTM A992	BURNED	v
CHANNELS, ANGLES,		Fy= 36 KSI			N/A	ASTM A36		X
PLATES								
HSS RECTANGULAR, SQUARE		Fy= 46 KSI TYPE B			N/A	ASTM A500		Х
BOLTS:					N/A	ASTM A-325-N HIGH	3/4" UNO; PROVIDE WASHERS	Х
STRUCTURAL						STRENGTH; F 1554	BENEATH TURNED ELEMENTS	45.5
NUTS BOLT WASHERS					N/A N/A	ASTM A-563 ASTM F-436; A-36	HARDENED: HOT DIPPED	
BULT WASHERS					PE IVA	AS IM F-430; A-30	GALVANIZED	
STEEL LINTELS			G 60		BYOWNER		ALL EXTERIOR LINTELS TO BE	Х
į į							GALVANIZED AND PAINTED. INTERIOR LINTELS TO BE PAINTED.	
STEEL BARS,		Fy= 33 KSI	G 60	1	N/A	A 36/36M	INTERIOR LINTELS TO BE PAINTED.	
SHAPES, CLIPS		g						
STEEL SHEET		TWDE ATRE	G 60		N/A N/A	A 653/653M		
WELDING ELECTRODES		TYPE 1 HIGH STRENGTH			IN IA	AWS D 1.1 SPECIFICATIONS:		
						ASTM 233		
GALVANIZING REPAIR		SSPC PAINT	A		RED			
PAINT		20 DOD-P- 21035						
		- I to serve						
			5(4).	DIVI SIC	DNE			
TREATED LIMBER:					N/A	AWPA UC4A	80% RETENTION: AMONIA FREE	
BELOW GRADE					and the state of t	PHIER DUMPA	GOOD INCIDENTION, AND HATREE	
TREATED LIMBER;					N/A	AWPA UC3B	80% RETENTION; AMONIA FREE	
ABOVE GRADE								
TREATED LUMBER HARDWARE	SIMPSON	G-185			N/A		HOT DIPPED GALVANIZED OR STAINLESS STEEL	Х
HARDWARE TREATED LUMBER IN						AWPA C2	80% RETENTION: AMONIA FREE	
CONTACT WITH						MITAUL	OUR RETERIOR, ANDRIAFREE	
CONC								
BOLTS FOR WOOD CONSTRUCTION		SAE GRADE OR 5	2					
I JOISTS AND LVLS		OR 5 Fb= 2600 PS	1	-				· ·
TUURS TO MINU LIVES		Fb= 2600 PS Fv= 285 PSI						X
İ		UNO						

SELECTION BY

PRESERVATIVE

DECKINGBOARDS

COMPOSITE

ACA FOR DOUGLAS FIR OR CCA FOR

SOUTHER PINE

COLUMNS, BEAMS AND FORMED SURFACES IN DIRECT CONTACT WITH SOIL OR EXPOSED TO THE WEATHER, EXCEPT SLABS.

1 3" DECK SLAB TO BOTTOM

PROVIDE A 24" LAP AT FOUNDATION DOWELS.

INTERIOR FACES OF WALLS AND SLABS NOT EXPOSED TO WEATHER INTERIOR SLABS

MASONRY WALLS ARE TO BE ADEQUATELY BRACED DURING CONSTRUCTION. SEE "STANDARD PRACTICE FOR BRACING MASONRY WALLS UNDER CONSTRUCTION" BY THE COUNCIL FOR MASONRY WALL BRACING AND ALSO NCMA TEK 304B "BRACING CONCRETE MASONRY WALLS DURING CONSTRUCTION" FOR RECOMMENDATIONS REGARDING BRACING.

PLACE LADDER TYPE HORIZONTAL JOINT REINFORCING WITH PREFORMED LAPPED CORNER REINFORCING.

THE DISCONTINUOUS ENDS OF ALL MASONRY WALLS SHALL BE SOLIDLY GROUTED A MINIMUM OF 8" OR ONE BLOCK CELL AND REINFORCED FOR THEIR FULL HEIGHT WITH ONE #5 BAR UNO.

AT GROUTED CELLS LIFTS OF GROUT SHALL BE KEYED 4" INTO THE COURSE OF MASONRY BELOW.

ALL CMU BOND BEAMS TO HAVE (2) #4 BARS CONTINUOUS. PROVIDE (2) #4 L BARS AT EVERY CORNER LAPPED 3'-0" WITH CONTINUOUS

VERTICAL CONTROL JOINTS IN CMU WALLS TO HAVE A MINIMUM ¾" GAP AND SHALL BE LOCATED BY THE ARCHITECT, BUT NOT MOVE THAN

BRICK TIES SHALL BE GALVANIZED ADJUSTABLE 2-PIECE WIRE TIES OF NOT LESS THAN 9 GAGE AND SHALL BE SPACED AT 16" OC VERTICALLY

WHERE MASONRY MEETS STRUCTURAL MEMBERS SUBJECT TO VERTICAL DEFLECTION, PROVIDE ALLOWANCE FOR VERITICAL MOVEMENT OF L/240 OF STRUCTURAL MEMBER.

BOND BEAM REINFORCING TO BE CONTINUOUS ACROSS CONTROL JOINTS.

AIR TEMPERATURE AT TIME OF MASONRY INSTALLATION SHALL BE 40<T<90 DEGREES F.

UNLESS OTHERWISE NOTED, ALL METAL DECK HAS BEEN DESIGNED TO BE CONTINUOUS OVER 3 SPANS MINIMUM AND SHALL BEAR AT LEAST 2" ON STEEL SUPPORTS. FOR ONE OR TWO SPAN CONDITIONS, THE CONTRACTOR SHALL PROVIDE SHORING AS REQUIRED OR FURNISH HIGHER GAGE DECK AS REQUIRED TO SUPPORT ALL THE APPLICABLE LOADS. CONTRACTOR SHALL SUBMIT ALTERNATE FOR APPROVAL.

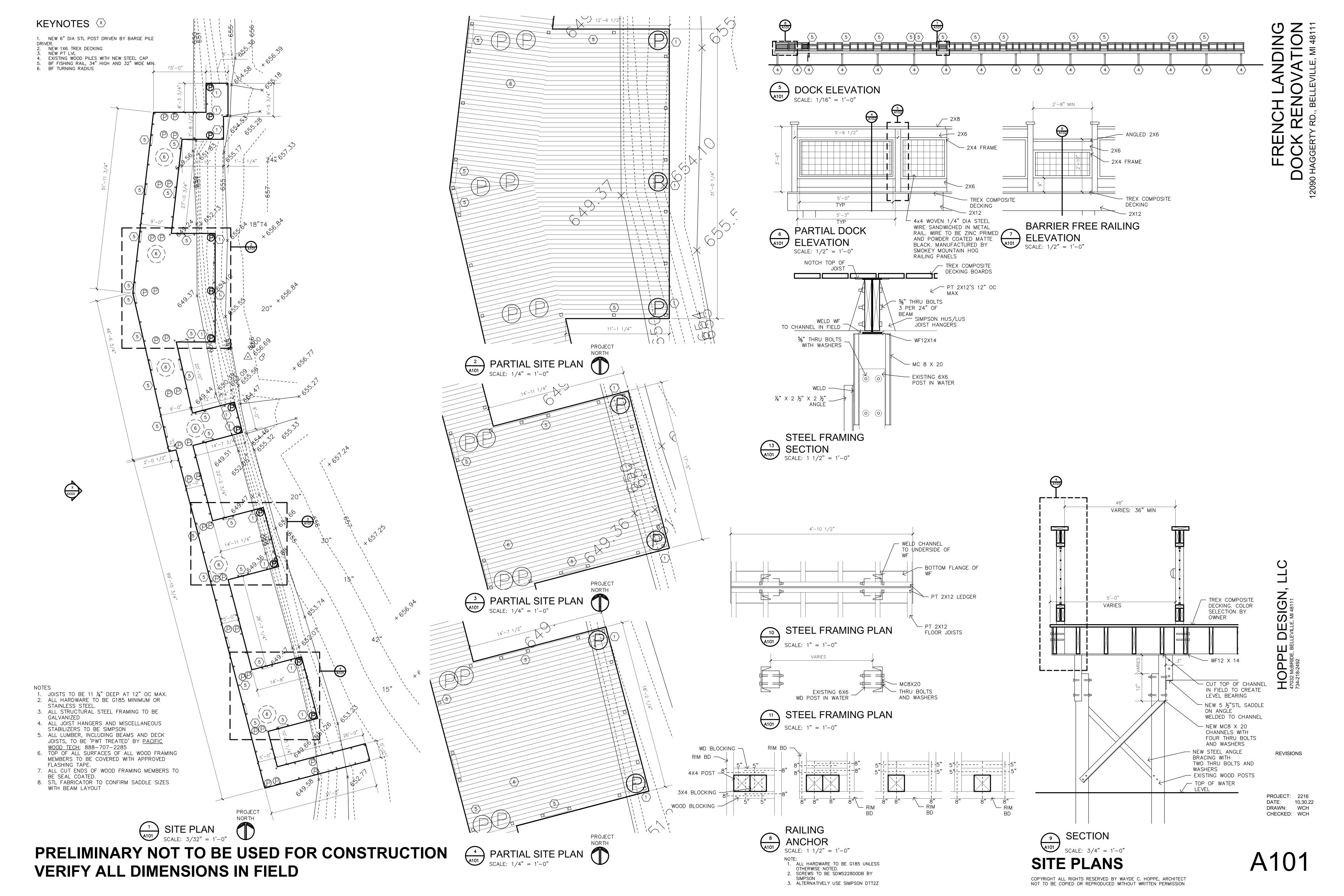
PROVIDE REINFORCING CHANNELS, STANDARD CLOSURES, CANT STRIPS, SUMP PANS, FINISH STRIPS, POUR STOPS, AND OTHER ACCESSORIES AS REQUIRED FOR PROPERLY FINISHED JOB, EVEN IF NOT SPECIFICALLY SHOWN ON THE DRAWINGS. PROVIDE BEARING ANGLES WELDED TO COLUMNS TO SUPPORT METAL DECKS AS REQUIRED.

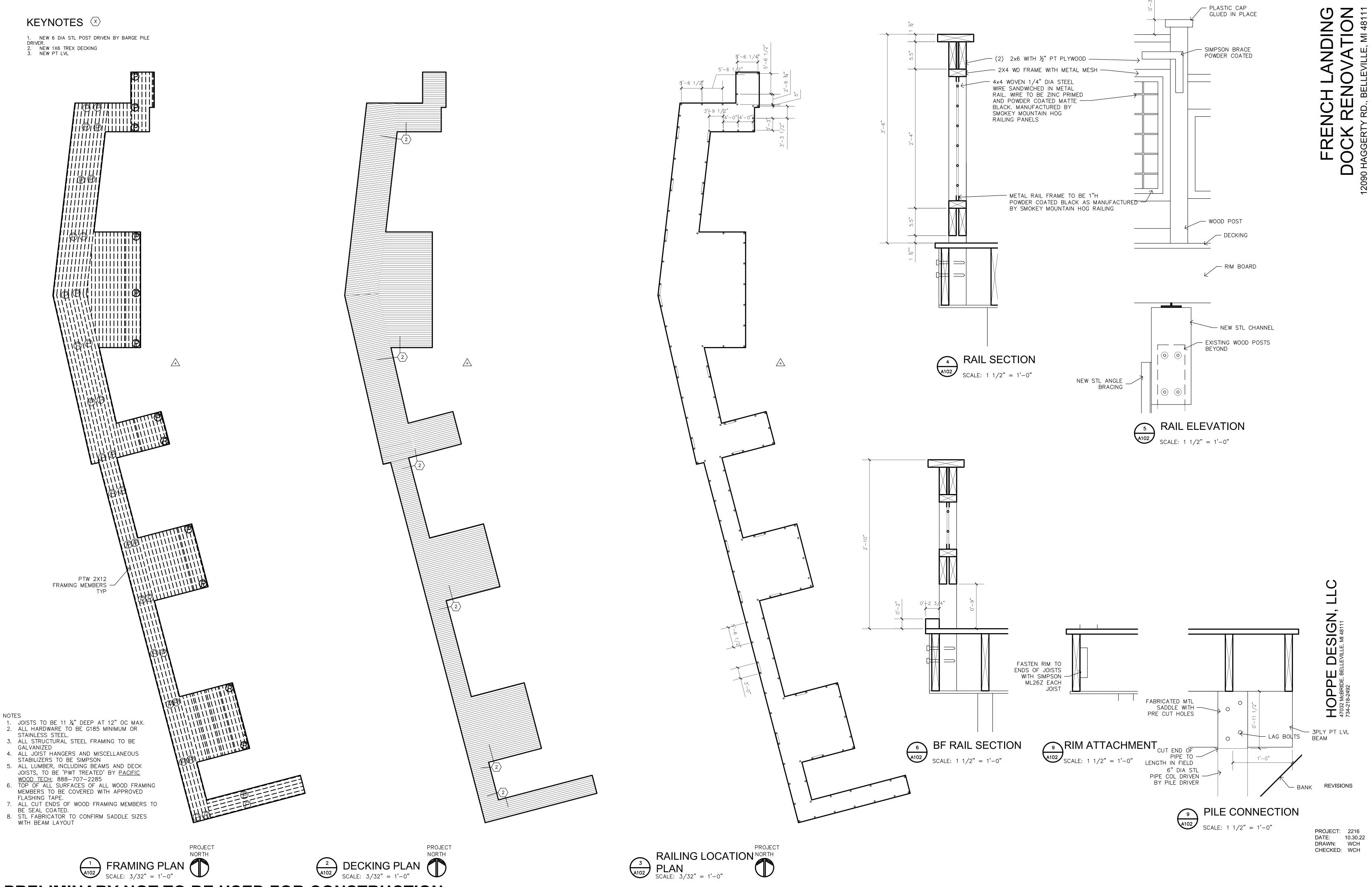
FASTEN STEEL DECK UNITS TO STRUCTURAL SUPPORTS USING HEX WASHER HEAD TEK SCREWS OR ARC SPOT WELDS ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND IN CONFORMANCE WITH THE STEEL DECK INSTITUTES SPECIFICATION SECTION 4.4.

DESIGN LOADS OCCUPANCY CATEGORY V BASIC WIND SPEED (MPH) FIGURE 1609.3.1 SECTION 1609.4.3 EXPOSURE CATEGORY IW IMPORTANCE FACTOR ADJUSTMENT FACTOR 1.12 Pg GROUND SNOW (PSF)
IS IMPORTANCE FACTOR FIGURE 1608.2 1.00 Ce EXPOSURE FACTOR 1.00 Ct THERMAL FACTOR 1.00 ROOF DEAD LOAD (PSF) **CEILING DEAD LOAD (PSF)** 5.00 TOTAL UNFACTORED DESIGN ROOF LOAD (PSF) **REFERENCES** STRUCTURAL LOADS CONCRETE ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE PORTLAND CEMENT ASSOCIATION "DESIGN AND CONTROL OF CONCRETE MIXTURE" MASONRY ACI 530/ASCE 5 ACI 530.1/ASCE 6 NCMA TEK 3-4B " BRACING CONCRETE 2005 MASONRY WALLS DURING CONSTRUCTION" BIA "TECHNICAL NOTES ON BRICK CONSTRUCTION" AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" EDITION AMERICAN WELDING SOCIETY AWS WELDING D1.1/D1.1M STEEL JOISTS INSTITUTE "STANDARD STEEL JOISTS SPECIFICATION" METAL DECK STEEK DECK INSTITUTE 'NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" ANSI/AF&PA NDS SOILS REPORT TO BE PROVIDED BY DEVELOPER

LOADS AND REFERENCES

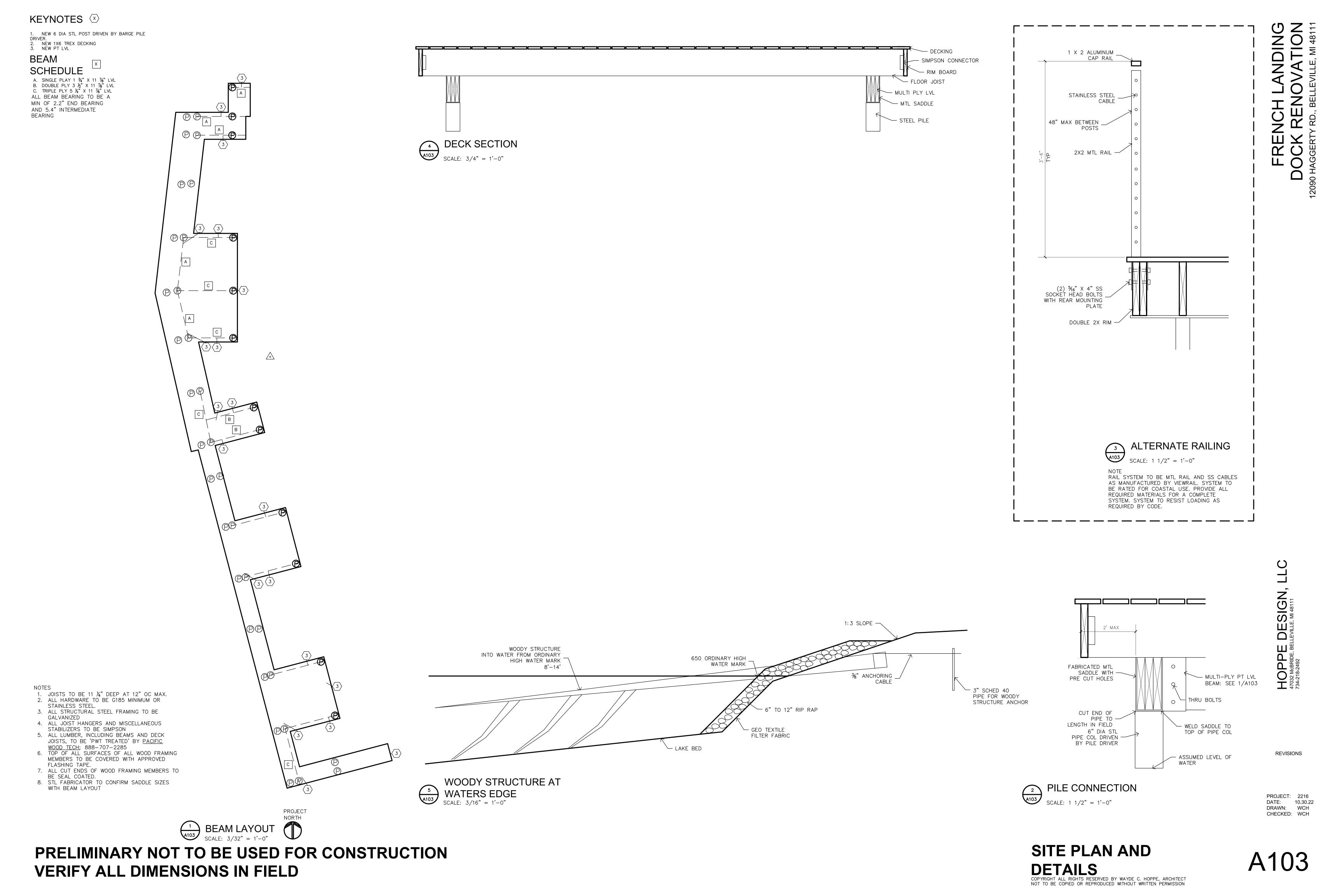
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PRELIMINARY NOT TO BE USED FOR CONSTRUCTION VERIFY ALL DIMENSIONS IN FIELD

SITE PLANS



LIGHT FIXTURE SCHEDULE TYPE MANUFACTURER CATOLOG NUMBER LAMPS NO-WATTS MOUNTED REMARKS SOLAR DECK LIGHTS 0.4 FLOOR WHITE, 8 LUMENS

ELECTRICAL KEYNOTES 1. X

S SWITCH

SPECIAL OUTLET

TELEPHONE / COMPUTER

TELEVISION/ CABLE

CEILING MOUNTED LIGHT FIXTURE RECESSED

3 SMOKE DETECTOR

CEILING MOUNTED LIGHT FIXTURE

EGEND	FI FCTRICAL	NOTE

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE N.E.C., COUNTY AND LOCAL CODES, ORDINANCES, AND REGULATIONS INCLUDING MIOSHA. SWITCH ON RHEOSTAT

2. COORDINATE ALL UNDERGROUND WORK WITH NEW AND EXISTING UNDERGROUND UTILITES BEFORE INSTALLATIONS. S THREE WAY SWITCH

3. THE SECONDARY UNDERGROUND CONDUIT AND WIRE SHALL MEET THE REQUIREMENTS OF THE ELECTRIC UTILITY COMPANY. S SWITCH WITH PILOT

4. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A 1/4" DIA. POLYPROPYLENE FISH

5. ALL UNDERGROUND CONDUITS SHALL BE INSTALLED 24" MINIMUM BELOW GRADE (UNLESS OTHERWISE SHOWN ON PLAN).

6. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL, INSTALLED WITH WATERTIGHT CONDUIT FITTINGS. EXPANSION FITTINGS SHALL BE PROVIDED AT ALL TRANSITIONS FROM UNDERGROUND TO EXPOSED CONDUIT. DUPLEX OUTLET QUAD OUTLET

8. ALL THREADED ELECTRICAL EQUIPMENT (CONDUIT, FITTINGS, BOLTS, SCREWS, ETC.)
INSTALLED AT EXTERIOR SHALL BE COATED WITH ANTI-SEIZE COMPOUND PRIOR TO **₩**EATHERPROOF OUTLET

9. ALL WEATHERPROOF (W.P.) DUPLEX RECEPTACLES SHALL BE INSTALLED SUCH THAT COVER DOORS OPEN UPWARD. GROUND FAULT INTERUPTER

10. HAND DIG WHERE REQUIRED TO LOCATE EXISTING UTILITES PRIOR TO INSTALLATION OF NEW UNDERGROUND CONDUITS FOR POWER AND LIGHTING.

11. PROVIDE A GREEN GROUND CONDUCTOR IN ALL SYSTEM CONDUITS, EXCEPT INSTRUMENT SIGNAL AND ALARM CONDUITS, INCLUDING BRANCH CIRCUIT CONDUITS FOR LIGHTING AND RECEPTACES. GROUND CONDUCTOR SIZING SHALL BE PER N.E.C. TABLE 250.122 (MINIMUM) WHERE NOT SIZED ON THE DRAWINGS.

12. WIRE SIZE SHALL BE #12 (MINIMUM) AND CONDUIT SIZE SHALL BE 3/4" (MINIMUM) FOR ALL POWER AND LIGHTING CIRCUITS WHERE NOT SIZED ON THE DRAWINGS.

13. INSTALL SEPARATE GROUNDING CONDUCTOR TO ALL ISOLATED GROUND

14. LOCATE JUNCTION BOXES PER MANUFACTURER'S REQUIREMENTS.

16. VERIFY LOCATION OF ALL POWER, PHONE, AND DATA JUNCTION BOXES WITH THE

- WALL MOUNTED LIGHT FIXTURE CEILING FAN/ LIGHT

MOTOR, ONE PHASE 21. ELECTRICAL CONTRACTOR TO COMPLY WITH NEC SECTION 110-C(A) AND (B) AND ALL TERMINATION CODE REQUIREMENTS. GROUND MNTD EXT. LIGHTING

22. EC TO SIZE ALL WIRING, CIRCUITING, JB'S, BREAKERS, SUB PANELS, ETC., TO PROVIDE A COMPLETE SYSTEM.

23. ELECTRICAL DRAWINGS ARE SCHEMATIC ONLY. EC IS RESPONSIBLE TO DETERMINE THE FINAL CONDUIT AND WIRING LAYOUT.

1 X 4 LIGHT FIXTURE

2×4 LAY IN LIGHT FIXTURE

PENDANT MOUNTED OVERSIZED FIXTURE EXIT SIGN

EXIT SIGN/ EMERGENCY LIGHT

FIRE ALARM
PS PULL STATION

HORN/ STROBE

COMPUTER JACK

RATE OF RISE HEAT DETECTOR

DISCONNECT SWITCH

DISCONNECT SWITCH WITH

AUDIO JUNCTION BOX-PRE-WIRE PER DIRECTION OF OWNER

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