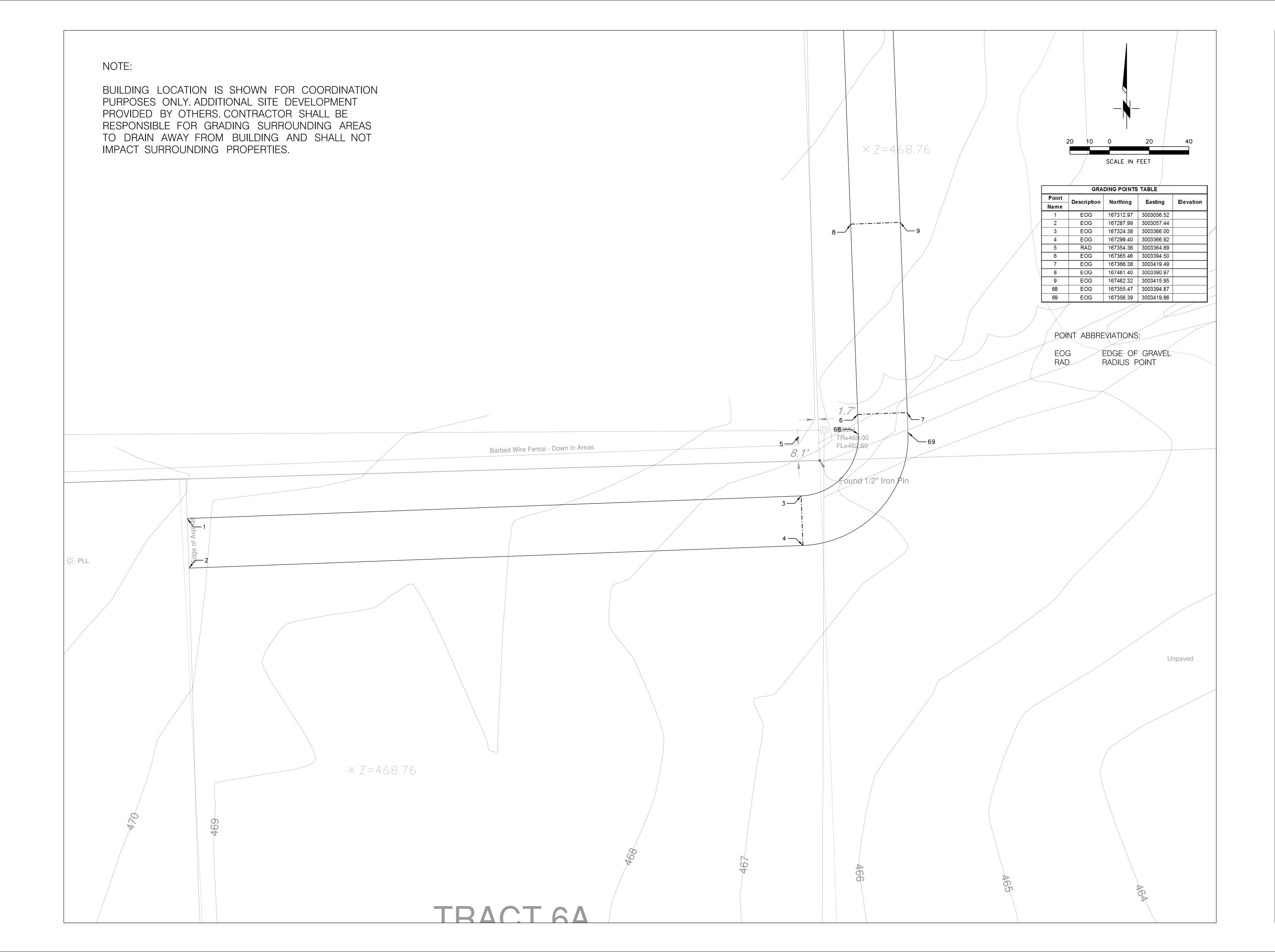
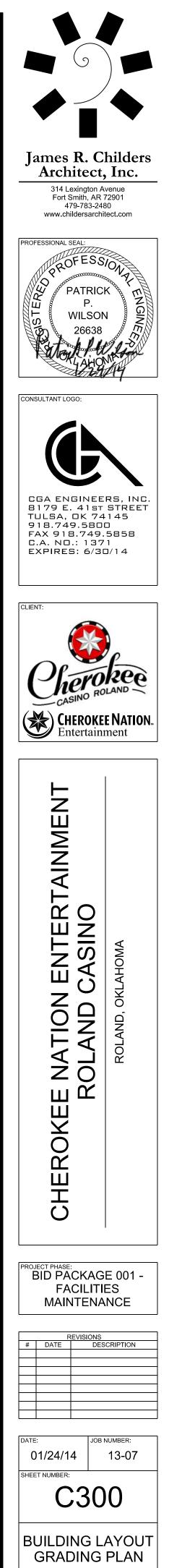


CHEROKEE NATION ENTERTAINMENT ROLAND CASINO BID PACKAGE 001 - FACILITIES MAINTENANCE

CONSULTANT LOGO	venue 72901 30 sect.com
CASINO	Koland, Okland
	ES NCE

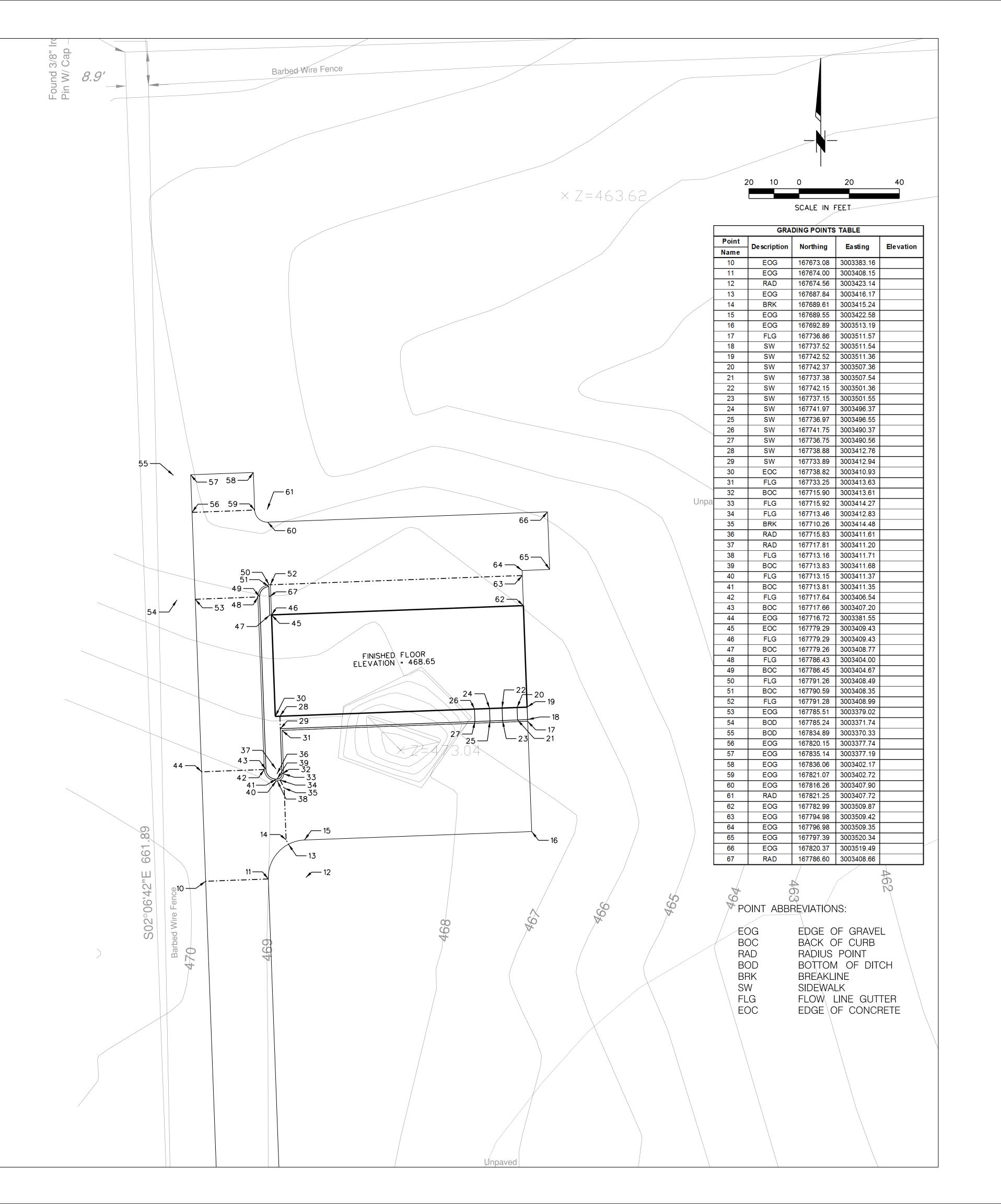
INDEX OF DRAWINGS				
COVER				
<u>CIVIL</u>				
C300 C301	BUILDING LAYOUT GRADING PLAN BUILDING LAYOUT GRADING PLAN			
ARCHITEC	CTURE			
A1.0 A2.0	OVERALL FLOOR PLAN EXTERIOR ELEVATIONS			
<u>STRUCTU</u>	RE			
S1.1	FOUNDATION & SLAB PLAN			

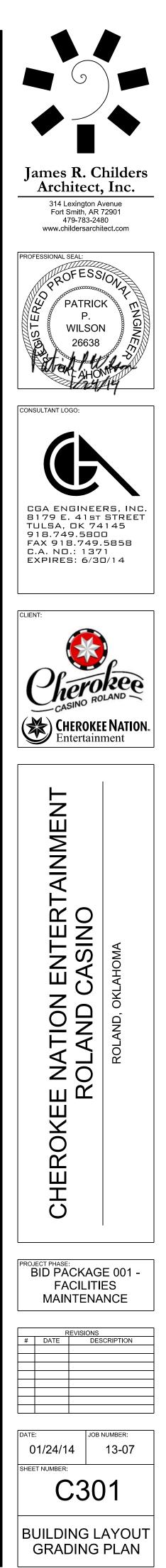


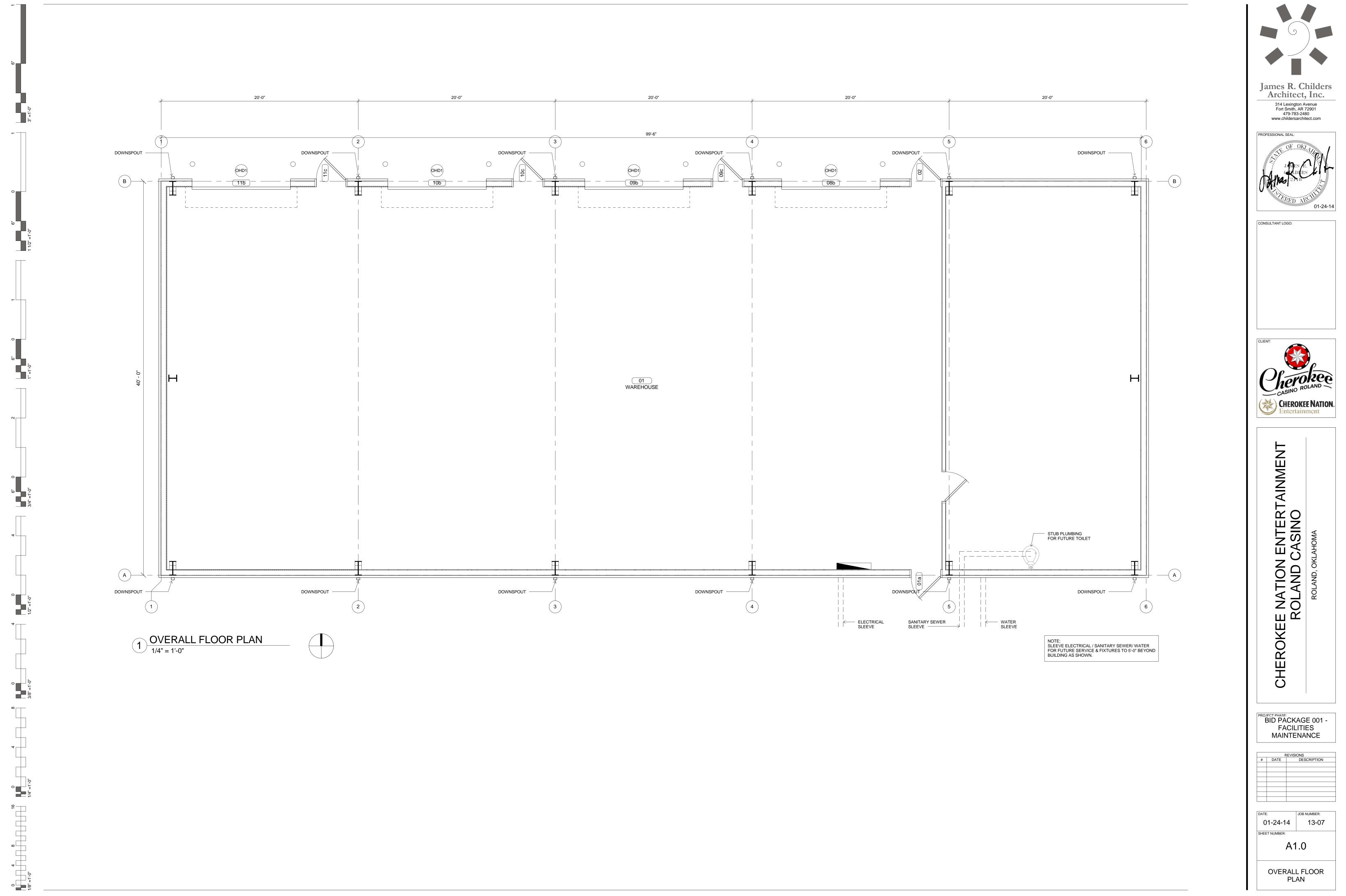


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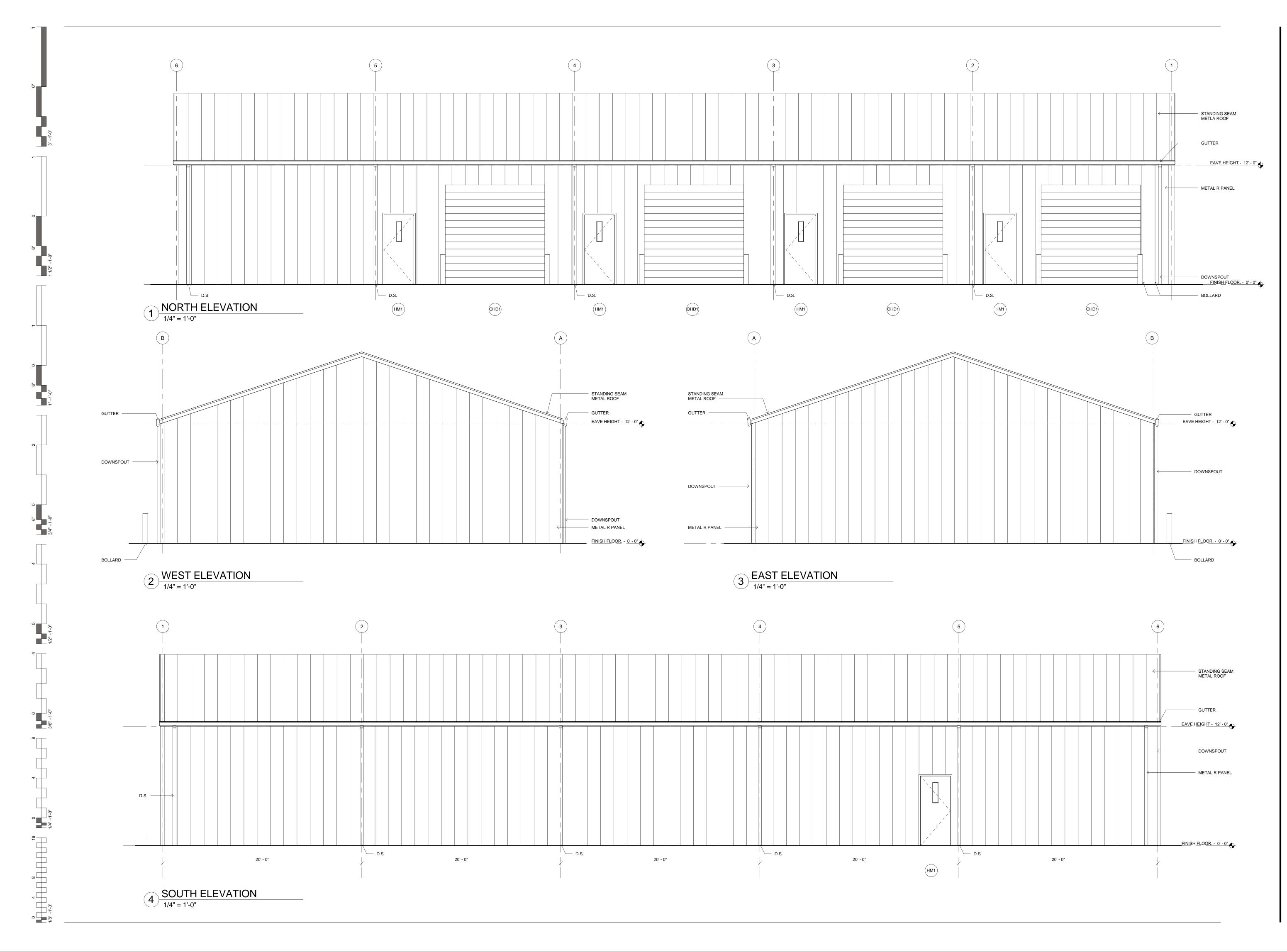
BUILDING LOCATION IS SHOWN FOR COORDINATION PURPOSES ONLY ADDITIONAL SITE DEVELOPMENT PROVIDED BY OTHERS CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING SURROUNDING AREAS TO DRAIN AWAY FROM BUILDING AND SHALL NOT IMPACT SURROUNDING PROPERTIES.







MAINTENANCE					
R	EVISI	ONS			
DATE	DESCRIPTION				
DATE: JOB NUMBER:					
01-24-14		13-07			
SHEET NUMBER:					
A1.0					
	прате П	REVISI DATE			





GENERAL NOTES

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF ANY SHORING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THE COMPLETION OF THE PROJECT.

2. IT IS SOLELY THE CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION. 3. ALL DIMENSIONS ON THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS. THE ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY RELEVANT

DIMENSIONAL DISCREPANCIES. 4. GOVERNING CODE: 2009 IBC

5. ALL FRAMING SHALL BE COORDINATED WITH THE MECHANICAL DRAWINGS TO ENSURE ADEQUATE CLEARANCES FOR CHASES, DUCT WORK, PIPING, ETC.

ADEQUATE C	LEARAN	CES FOR CH	IASES, DUCT	WORK, PIP	ING, ETC.		
ROOI GROI	= DEAD L = LIVE LC JND SNO			SELF WEI 20 PSF 10 PSF	GHT + 10 PS	F	
	ASIC WI	ND SPEED NCE FACTOF		90 mph I=1.0			
COM	PONENT	E CATEGOR AND CLADD GN CRITERI	ING LOADS I	B PER IBC TAE	3LE 1609.6.2.	1(2)	
S	ITE CLAS	SS: D JSE CATEGO		D. 1 0			
S	s = 0.2 S ASIC SE	1 = 0.1 Fa = SMIC-FORC	1.6 Fv = 2.4 E-RESISTING	SDS = 0.21 S SYSTEM: C	ORDINARY S	TEEL BRACED FRA	MES
7 PEMB MA	NUFACT	URER TO CO				ROCEDURE	REMENTS
WITH THE AR			S.				
	ICRETE S	HALL BE NO				AND SHALL HAVE /	A 28-
ALL	Founda	TIONS			3000	PSI	
INTE	NDATION RIOR SL WALL PA	ABS			3000 3000 4000	PSI	
EXTE ALL	ERIOR ST OTHER C	RUCTURAL			4500 3000	PSI PSI	
	BS & SID TO-CEME		DZZOLANIC N	/IATERIALS F	-	CIVIL L BE IN	
ACCORE	-	ITH THE FOL	LOWING:		AIR ENTF		
	6 5	,000 ,000	0.41 0.48		0.40		
		,000 ,000	0.57 0.68		0.48 0.59		
2. ALL FOU NOT HAVE E				4-6% AIR EN	TRAINED. SI	_AB CONCRETE SH	IALL
CONTAINING	6 A HIGH	RANGE WAT	ER-REDUCI	NG ADMIXTU	JRE SHALL N	SLUMP OF CONCR NOT EXCEED 10".	ETE
4. THE COA			-		-		
ONE WEEK F	PRIOR TO	PLACEMEN	IT OF ANY C	ONCRETE. 1	THE CONCR	REVIEW A MINIMU ETE MIX DESIGNS LIANCE WITH THE	JM OF
PROJECT SF	PECIFICA	TIONS FOR I	EITHER THE	TRIAL BATC	H OR FIELD	EXPERIENCE MET	HOD.
CONCRETE R	EINFORC	ING STEEL					
1. ALL REIN WELDED REI						E 60, UNLESS NOT	ED OTHERWISE. ALL
ROLLED FAB	RIC WILL	NOT BE ACC	CEPTED. WIF	RE FABRIC S	HALL BE PL		E SUPPLIED IN SHEETS DEPTH OF THE SLAB. V N 4 FEET O.C.
EDITION OF T	HE AME	RICAN CONC	CRETE INSTI	TUTE DETAI	LING MANUA	AL. ALL DOWELS A	E WITH THE LATEST RE TO BE TIED IN PLAC RETE SHALL BE REMOV
	Y WIRED	TOGETHER					CCESSORIES AND SHA CRSI "MANUAL OF
5. MINIMUM			UNLESS NO	TED OTHER	WISE:		
			CONTACT W DSED TO EA			3 IN	
#	6 BARS A 5 BARS A	ND LARGEF	R R			2 IN 1½ I	
BEAN	IS, GIRDI	ERS AND CC S AND JOIST		U EARTH UP	VVEATHER:	1½	Ν.
#	11 BARS	AND SMALL 18 BARS				³ /4 IN 11/211	
6. ALL BASE WITH A MININ				ORT ANGLE	S, ETC., WH	ICH ARE BELOW G	RADE SHALL BE COVE
7. ALL LAP S WHERE CLAS							S NOTED OTHERWISE.
		TEN	ISION SPLIC	E (IN.)			
	BAR SIZE	TOF CLASS A	P BARS	OTHE CLASS A	R BARS CLASS B	COMPRESSION SPLICES (IN.)	
	#3	16	21	12	16	12	
	#4	21	28	16	21	15	
	#5	27	35	21	27	19	
	#6	35	46	27	35	23	

PRE-ENGINEERED METAL BUILDING NOTES:

1. THE BUILDING SHALL BE A MANUFACTURER'S STANDARD PREFABRICATED METAL STRUCTURE OF THE APPROXIMATE INSIDE AREA SHOWN, EXCEPT AS NOTED, RIGID FRAMES SHALL BE SPACED AS SHOWN ON THE PLANS, BUT OVERALL DIMENSIONS AND CONSTRUCTION DETAILS MAY VARY TO SUIT MANUFACTURER'S STANDARD DESIGN. MINIMUM WEB THICKNESS OF RIGID FRAMES SHALL BE 3/16".

2. THE BUILDING SHALL BE DESIGNED AND FABRICATED ACCORDING TO AISC, MBMA AND AISI LATEST SPECIFICATIONS. THE DIMENSIONAL TOLERANCES OUTLINED IN THE AWS CODE UNDER WORKMANSHIP AND THE TOLERANCES APPLICABLE TO ROLL FORM STEEL UNDER THE AISC "STANDARD MILL PRACTICE" SECTION SHALL BE REQUIRED IN THE FABRICATION OF THE STEEL BUILDING FRAMES.

3. THE BUILDING "RIGID" FRAMES SHALL BE DESIGNED TO LIMIT THE LATERAL DEFLECTION TO LIMITS SET BY THE CODES FOR BRITTLE FINISHES AND BRICK VENEER, IF MASONRY IS PRESENT. THE PURLINS AND BUILDING FRAMES SHALL BE DESIGNED TO LIMIT VERTICAL DEFLECTIONS TO THE LIMITS STATED BELOW.

4. A COMPLETE DESIGN ANALYSIS SHOWING ALL CALCULATIONS FOR THE RIGID FRAMES, GIRTS, PURLINS AND X-BRACING FOR LATERAL LOADS AND LAYOUT OF ANCHOR BOLTS AND OTHER EMBEDDED ITEMS SHALL BE SUBMITTED FOR APPROVAL WITH THE SHOP DRAWINGS. SHOP DRAWINGS SHALL INCLUDE DETAILS OF ALL MAIN MEMBERS, TYPICAL CONNECTIONS (SHOWING BOLT HOLES AND WELDS), AND ERECTION DRAWINGS. THE SHOP DRAWINGS MUST BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF THE PROJECT LOCATION.

5. THE BUILDING SHALL BE DESIGNED TO SUPPORT ALL MECHANICAL EQUIPMENT INCLUDING HEATERS, SPRINKLERS, EXHAUST SYSTEMS, SERVICE EQUIPMENT, AND ALL OTHER SUCH DEVICES. ADDITIONAL GIRTS OR PURLINS SHALL BE PLACED IN CONVENIENT LOCATIONS FOR ATTACHMENT OF ALL MECHANICAL EQUIPMENT. ADDITIONAL LOADS ARE SHOWN ON THE FRAMING PLANS AND SECTIONS. PROVISIONS SHALL BE MADE AND COORDINATED WITH THE STRUCTURAL STEEL FABRICATOR TO ACCOMMODATE THE NECESSARY CONNECTIONS BETWEEN THE PEMB AND THE STRUCTURAL STEEL MEMBERS SHOWN ON THE PLANS.

7. ALL COLUMN REACTIONS SHALL BE SUBMITTED PRIOR TO FOUNDATION EXCAVATION AND SUBMITTAL

8. DEFLECTION CRITERIA:

HORIZONTAL DEFLECTIO VERTICAL DEFLECTION L ROOF MEMBER SUP PLASTER OR FLOOR ROOF MEMBER SUP NON-PLASTERED CE ROOF MEMBER SUPF ALL OTHER OR NO FI

9. PROVIDE Z PURLINS WITH LIGHT GAUGE STRAP BRIDGING FOR PURLIN STRESS REVERSAL DURING WIND UPLIFT LOADING. (SUPERIMPOSED DEAD LOAD NOT APPLIED FOR THIS CASE).

10. IF THE EXTERIOR CMU WALLS ARE TO BE UTILIZED BY THE PEMB MANUFACTURER AS LATERAL SHEAR WALLS, THE GENERAL CONTRACTOR AND THE STRUCTURAL ENGINEER SHALL BE GIVEN SUFFICIENT NOTIFICATION TO COORDINATE THE CMU WALL DESIGN AND CONSTRUCTION WITH THE PEMB.

FOUNDATION, SLAB-ON-GRADE - GENERAL

- ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED. FOOTINGS MAY BE POURED INTO AN EARTHEN FORMED TRENCH IF SOIL CONDITIONS PERMIT.
- 1. THE FOUNDATIONS HAVE BEEN DESIGNED FOR A NET ALLOWABLE BEARING PRESSURE OF 2,500 PSF. 4. FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACK FILLING PRESSURES UNTIL FLOOR SLABS AT TOP AND BOTTOM ARE IN PLACE OR UNTIL THE CONCRETE HAS ATTAINED ITS FULL
- COMPRESSIVE STRENGTH FOR CANTILEVER WALLS. WHERE FOUNDATION WALLS ARE TO HAVE EARTH PLACED ON EACH SIDE, PLACE FILL SIMULTANEOUSLY SO AS TO MAINTAIN A COMMON ELEVATION ON EACH SIDE OF THE WALL. VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH ARCHITECTURAL DRAWINGS PRIOR TO THE
- INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER INSULATION AS REQUIRED. UNDER-SLAB DRAINAGE FILL TO BE A MINIMUM 4-INCH COMPACTED LAYER OF WASHED ASTM No. 57 STONE.

MISCELLANEOUS

6.

- THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING REQUIREMENTS FROM SUCH DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK ANY DETAIL TITLED AS A TYPICAL DETAIL IS APPLICABLE THROUGHOUT THE DESIGN

- DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. 4. NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL-OF-RECORD.
- 5. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE PROFESSIONAL-OF-RECORD. OPENINGS IN WALLS AND DECK, WHICH ARE 1'-4" AND LESS ON A SIDE, ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SUCH OPENINGS.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED. 8. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S

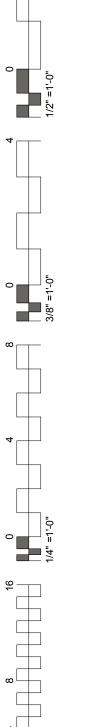
- CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD. 11. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL-OF-RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL-OF-RECORD'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL-OF-RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE PROFESSIONAL-OF-RECORD HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.

SUBMITTAL PROCEDURES

UNTIL ALL RELATED SUBMITTALS ARE RECEIVED.

2. SHOP DRAWINGS SHALL BE SUBMITTED IN 'PDF' ELECTRONIC FORMAT. THE SHOP DRAWINGS WILL BE REVIEWED, MARKED UP, AND RETURNED IN 'PDF' ELECTRONIC FORMAT.

	TEN				
BAR	TOP	BARS	OTHEI	R BARS	
SIZE	CLASS A	CLASS B	CLASS A	CLASS B	SPLICES (IN.)
#3	16	21	12	16	12
#4	21	28	16	21	15
#5	27	35	21	27	19
#6	35	46	27	35	23
#7	48	62	37	48	26
#8	63	82	48	63	30
#9	80	104	61	80	34
#10	101	131	78	101	38
#11	125	162	96	125	42



6. COMBINATION DESIGN LOADS CONDITIONS SHOULD COMPLY WITH MBMA SPECIFICATIONS.

OF REINFORCING STEEL SHOP DRAWINGS.

DN LIMITS LIMITS PORTING	L/600 for CMU Wall Wind Gir
MEMBER PORTING	L/360; L/240 DL + LL
ILING PORTING	L/240: L/180 DL + LL
INISH	L/180: L/120 DL + LL

- CONSTRUCTION METHODS AND/OR SEQUENCES. 9. DO NOT SCALE THESE DRAWINGS. USE SPECIFIED DIMENSIONS. 10. CONTRACTORS CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND
- 1. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION 3E COVERED ACTIVITIES TO AVOID UNNECESSARY DELAY. THE STRUCTURAL ENGINEER FOR THIS PROJECT MAY WITHHOLD ACTION ON A SUBMITTAL REQUIRING COORDINATION WITH OTHER SUBMITTALS

