

1. CODE: INTERNATIONAL BUILDING CODE 2009 WITH WISCONSIN AMENDMENTS / ASCE 7-05
2. FLOOR LIVE LOADS: (REDUCED AS ALLOWED BY THE BUILDING CODE)

OFFICES:	= 50 PSF*
PUBLIC AREAS:	= 100 PSF*
STORAGE (LIGHT):	= 125 PSF*
RETAIL AT FIRST FLOOR:	= 100 PSF*

* INDICATES 15 PSF PARTITION LOAD IN ADDITION TO LOAD INDICATED

1. CONTRACTOR AGREES THAT CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE PERFORMANCE OF THE WORK, INCLUDING SAFETY OF ALL PERSONNEL. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD OWNER HARMLESS FROM ALL SUCH CLAIMS, DAMAGES AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK. THAT THIS RELEASE OF LIABILITY ARISING FROM THE NEGLIGENCE OF OWNER OR STRUCTURAL ENGINEER.
2. THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INCLUDE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE PROTECTION FROM BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, PROTECTION FROM STRUCTURAL DAMAGE, AND PROTECTION FROM VISITS TO THE SITE BY STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
3. THE CONTRACT DOCUMENTS SHALL HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONSTRUCTION METHODS, METHODS TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY OR SAFETY PREPARATIONS AND PROGRAMS AND ACTIVITIES OF ANY CONSTRUCTION ACTIVITIES, SINCE THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY AND LIABILITY UNDER THE CONTRACT DOCUMENTS.
4. CIVIL ENGINEERING SHALL NOT BE RESPONSIBLE FOR CONTRACTOR'S SCHEDULE OR FAILURES TO CARRY OUT ANY CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR SHALL NOT HAVE CONTROL OVER OR CHARGE OF ACTIONS OF CONTRACTOR, OR ANOTHER CONTRACTOR, OR ANY OTHER PERSONS OR EMPLOYEES, OR OTHER PERSONS PERFORMING PORTIONS OF ANY CONSTRUCTION ACTIVITIES. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY SUPPORTS REQUIRED FOR THE COMPLETED STRUCTURE DURING THE INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR.
5. REFERENCE TO STANDARD SPECIFICATIONS OR CODES OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL OR STATE OR FEDERAL AGENCIES SHALL MEAN THE LATEST EDITIONS OF THE DATE OF THE CONTRACT DOCUMENTS, UNLESS OTHERWISE NOTED.
6. CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH ANY OTHER SPECIFICATION OR CODE OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION.
7. ACCEPTANCE OF ANY REFERENCED STANDARD SPECIFICATION OR CODE, WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS, SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF THE STRUCTURAL ENGINEER AND CONTRACTOR AND CONTRACTOR, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO ANY CONTRACTOR OR CONSULTANT, AGENT, OR EMPLOYEE'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR RESPONSIBILITY TO SUPERVISE OR CONTROL OR AUTHORITY OR PERFORMANCE IF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENT.
8. DISCREPANCIES AND CONFLICTS BETWEEN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. WHEN THIS PROCEDURE IS NOT FOLLOWED, THE CONTRACTOR WILL BE RESPONSIBLE FOR CORRECTING ANY DISCREPANCY WHEN THE ENGINEER DETERMINES THAT WORK TO BE INADEQUATE.
9. CONTRACTOR SHALL VERIFY THE ACCURACY OF THE PROVIDED JOB SITE. ANY DISCREPANCIES BETWEEN THE CONDITIONS FOUND AND THOSE INDICATED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
11. SEE DOCUMENTS FROM OTHER DISCIPLINES FOR FLOOR, WALL, AND ROOF FINISHES, FINISHES, PARTITIONS, PARTITIONS, ELEVATORS, EQUIPMENT PLANS, METAL PANELS, MISCELLANEOUS IRON, ETC.
12. DO NOT PLACE PIPES, DUCTS, CHASES, ETC. IN STRUCTURAL BEAM AND COLUMN MEMBERS. DO NOT PLACE PIPES, DUCTS, CHASES, ETC. IN STRUCTURAL BEAM AND COLUMN MEMBERS. DO NOT PLACE PIPES, DUCTS, ETC. UNLESS NOTED OTHERWISE. NOTIFY STRUCTURAL ENGINEER WHEN DOCUMENTS BY OTHER DISCIPLINES SHOW OPENINGS, POCKETS, ETC. NOT NOTED IN THE STRUCTURAL DRAWINGS. NOTIFY STRUCTURAL ENGINEER WHEN THE STRUCTURAL ENGINEER SHALL OBTAIN PRIOR APPROVAL FROM STRUCTURAL ENGINEER FOR INSTALLATION OF SUCH PIPES, DUCTS, CHASES, ETC.
13. DETAILS LABELED "TYPICAL" ON THE STRUCTURAL DRAWINGS APPLY TO ALL DETAILS OCCURRING ON PROJECT AT THE SAME OR SIMILAR OR TO THOSE LOCATIONS SPECIFICALLY INDICATED. WHERE A DETAIL IS NOT INDICATED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR CONDITIONS.

1. ALL SUBMITTALS PREPARED BY SUBCONTRACTORS SHALL BE REVIEWED BY CONTRACTOR PRIOR TO SUBMITTING TO ARCHITECT.
2. NITVIE ENGINEERING ASSIGNS NO RESPONSIBILITY FOR ANY MISUSE, MODIFICATION, OR MISREPRESENTATION OF ANY INFORMATION CONTAINED IN ANY ELECTRONIC MEDIA TRANSFERRED. NITVIE ENGINEERING SHALL BE HELD RESPONSIBLE FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES, OR COSTS ARISING OUT OF, OR RESULTING FROM THE USE OF SAID DOCUMENTS/DOCUMENTS). UTILIZATION OF THE ELECTRONIC DOCUMENTS IS AT RECIPIENTS OWN RISK
3. ALL SUBMITTALS REVIEWED BY STRUCTURAL ENGINEER ARE REVIEWED FOR CONFORMANCE WITH THE DESIGN CRITERIA OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION INCLUDED IN THE CONTRACT DOCUMENTS. ANY ACTION TAKEN BY THE ENGINEER TO MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR CORRELATING PROCESSES AND TECHNIQUES OF CONSTRUCTION, AND FOR THE ADEQUACY OF THE CONSTRUCTION WITH THAT OF THE PROJECT.
4. ALL SUBMITTALS SHALL BE REVIEWED BY THE ENGINEER FOR COMPLIANCE AND CONFORMANCE TO THE CONTRACT DOCUMENTS. SUBMITTALS SHALL BE REVIEWED AND RETURNED WITHIN THE WORKING DAY AFTER BEING RECEIVED BY THE ENGINEER:

REBAR

10 WORKING DAYS
5. CONCRETE MIX DESIGNS

CONTRACTOR DESIGNED MIX DESIGNS SHALL BE REVIEWED AFTER BEING

10 WORKING DAYS
6. PROFESSIONAL ENGINEERS REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, DESIGN LOAD DATA, AND PROPOSED REINFORCEMENT CRITICAL TO THE STRUCTURE ARE DESIGNED FOR LOADS SPECIFIED IN THE CONTRACT DOCUMENTS OR IN THE BUILDING CODE. ALL DOCUMENTS MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW. CRITERIA INDICATED ARE NOT SUFFICIENT, BUT A WRITTEN REQUEST FOR ADDITIONAL INFORMATION TO THE ARCHITECT, THE FOLLOWING ELEMENTS AND THEIR CONSTRUCTION SHALL BE SUBMITTED TO THE ARCHITECT:

STRUCTURAL STEEL CONNECTIONS NOT DETAILLED OR SHOWN ON THE SHOP DRAWINGS

10 WORKING DAYS
7. STEEL STAIRS AND HANDRAILS
REINFORCATED MALL BUILDINGS
STRUCTURAL LIGHT GAUGE FRAMING INCLUDING EXTERIOR WALLS

1. ALL FOUNDATIONS SHALL BE SUPPORTED ON APPROVED EXISTING SURGRADE OR APPROVED COMPACTED STRUCTURAL FILL HAVING A MINIMUM ALL QUARTER HOUR BEARING CAPACITY OF 3000 PSI. THE GEOTECHNICAL ENGINEERING REPORT AS PREPARED BY GESTRA ENGINEERING, INC. DATED 04/14/2015.
2. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED IN THE DRAWINGS, SPECIFICATIONS, TOLERANCES, OR THE GEOTECHNICAL REPORT. THE ENGINEER IS NOT TO BE HELD RESPONSIBLE FOR THE VALIDITY OF THE INFORMATION PROVIDED TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION, AND TO REPRESENT CONDITIONS ONLY AT SPECIFIC LOCATIONS AT THE CONTRACTOR'S RISK.
3. ALL EXTERIOR FOUNDATIONS SHALL BEAR ON APPROVED SURGRADE AT A MINIMUM DEPTH OF 4' BELOW FINISHED GRADE.
4. FOOTING ELEVATIONS SHOWN ON THE DRAWINGS REPRESENT ESTIMATED DEPTHS AND ARE NOT TO BE CONSTRUED AS LIMITING THE AMOUNT OF EXCAVATION REQUIRED TO PROVIDE SUITABLE FOUNDATIONS.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS IN ALL EXCAVATIONS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT OF THE ADJACENT EXISTING STRUCTURES WHICH WILL ENDANGER LIVES OR PROPERTY.
6. THE CONTRACTOR SHALL MAINTAIN CONTROL OF SURFACE AND SUBSURFACE WATER PROMPTLY TO INSURE THAT ALL FOUNDATION WORK IS PERFORMED IN A DRY CONDITION.
7. FOUNDATIONS SHALL NOT BE PLACED ON FROZEN SURGRADE.
8. THE CONTRACTOR SHALL PROTECT IN-PLACE FOUNDATIONS AND SLAB-ON-GRADE FROM FROST PENETRATION BY COVERING WITH INSULATING MATERIAL.
9. FOUNDATION WALLS SHALL BE BRACED DURING BACKFILLING AND COMPACTION OPERATIONS. BRACING SHALL BE LEFT IN PLACE UNTIL PERMANENT STRUCTURAL SUPPORT SYSTEM IS INSTALLED AND APPROVED BY THE ENGINEER.
10. WHERE FOUNDATION WALLS WILL BE FILL ON BOTH SIDES, BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES.

1. PRE-ENGINEERED METAL BUILDING WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:
 - A) AISI - "SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STEEL FOR BUILDINGS"
 - B) AISC - "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
 - C) AWS D1.1 - "STRUCTURAL WELDING CODE - STEEL"
 - D) AISC - "STRUCTURAL STEEL DETAILING MANUAL"
 - E) MEMA - "METAL BUILDING SYSTEMS MANUAL"
 - F) DESIGN LOADS AND RESISTANCE FACTORS - STAMPER DRAWINGS.
2. THE PRE-ENGINEERED METAL BUILDING (PEMB) SHALL BE DESIGNED AND FABRICATED BY A MEMA MEMBER MANUFACTURER.
3. THE PEMB MANUFACTURER SHALL PROVIDE STAMPER DRAWINGS AND CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION IN WHICH THE BUILDING IS LOCATED.
4. THE PEMB MANUFACTURER SHALL CONFORM TO THE FOLLOWING DEFLECTION CRITERIA:
 - A) AISI - "DESIGN GUIDE #35 SERVICEABILITY DESIGN CONSIDERATIONS FOR PRE-ENGINEERED METAL BUILDING UNITS AND ACCESSORIES"
 - B) ANCHOR ROLES SHALL BE PRESET WITH TEMPLATES.
 - C) LEVELING PLATES AND BEARING PLATES SHALL BE SET IN A FULL BED OF NON-STRONG GROUT.
5. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR ALL CONNECTIONS, STIFFENERS ETC. REQUIRED TO SAFELY ERECT THE BUILDING. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED HOLES SHOWING PLACEMENT FROM THE PEMB STEEL ON THE DRAWINGS.
6. THE PEMB MANUFACTURER SHALL PROVIDE FOUNDATION REACTIONS, ANCHOR LOCATIONS AND REINFORCEMENT REQUIREMENTS IN A CLEARLY DEFINED MANNER. CHANGES TO, OR OMISSIONS OF REACTIONS, ETC. BY THE PEMB MANUFACTURER THAT REQUIRE REDESIGN OF THE FOUNDATIONS WILL REQUIRE ADDITIONAL FOUNDATION REDESIGN BY THE OWNER.
7. ALL WELDS SHALL USE WELD METAL CONFORMING TO E70XX AND CONFORMING TO AWS WELDING PROCEDURES AND STANDARDS.
8. REQUIRED SURFACE BEHIND GROUTED WELDS SHALL BE CLEANED IN THE POSITION IN WHICH THE WELD IS TO BE MADE.
9. THE ERECTION OF ANY STRUCTURAL STEEL MEMBERS SHALL NOT ATTAIN A SURFACE STRESS BEYOND THAT WHICH WOULD BE ALLOWED AT LEAST 75% OF THEIR INTENDED MINIMUM COMPRESSIVE STRENGTH.
10. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND REPORTS AS REQUIRED BY THE PEMB MANUFACTURER.
11. TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL PERMANENT BRACING HAS BEEN INSTALLED AND FLOOR SLAB COMPRESSION HAS ATTAINED 75% OF ITS DESIGN STRENGTH.
12. STRUCTURAL STEEL SHALL BE FLAT AND PLUMB BEFORE FINAL BOLTING OR WELDING OF CONNECTIONS.
13. THE CONTRACTOR SHALL NOT MODIFY OR CUT ANY STRUCTURAL STEEL WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD AND PEMB MANUFACTURER.
14. THE CONTRACTOR SHALL FIELD TOUCH UP ALL ABRASIONS, BURNS, AND SIMILAR DEFECTS IN PAINT OF STRUCTURAL STEEL.

ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:

A) ACI 301 – "SPECIFICATIONS FOR STRUCTURAL CONCRETE":
B) ACI 308.1 – "MANUAL OF CONCRETE PRACTICE":
C) ACI 318.1 – "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE":
D) ACI 318.1 – "BUILDING CODE REQUIREMENTS FOR STRUCTURAL PLAIN CONCRETE":

2. CONCRETE SHALL HAVE A MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH AS FOLLOWS:

A) SLAB-ON-GRADE	4000 PSI
B) FOOTINGS	5000 PSI
C) PIERS & POST WALLS	4000 PSI

3. ALL CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINED WITH 5% - 8% AIR ENTRAINMENT.

4. CONCRETE TO BE TO NORMAL WEIGHT CONCRETE UNLESS NOTED OTHERWISE.

5. ALL CONCRETE PLATWORK EXPOSED TO WEATHER TO BE FREE OF LIGNITE AND OTHER DELETERIOUS MATERIALS.

6. THE COARSE AGGREGATE SHALL BE WELL GRADED #57 STONE WITH A MAXIMUM AGGREGATE SIZE OF 3/4" AGGREGATE FOR SLAB ON GRADE MAY HAVE A MAXIMUM AGGREGATE SIZE OF 1".

7. THE SLUMP OF THE CONCRETE SHALL BE 4" IF A HIGH RANGE WATER REDUCER IS USED THEN THE SLUMP PRIOR TO THE ADDITION OF THE WATER REDUCER SHALL BE THE SLUMP SHALL NOT EXCEED 10" AFTER THE ADDITION OF A HIGH RANGE WATER REDUCER.

8. MINIMUM CEMENTITIOUS REQUIREMENTS:

A) 3000 CEMENTITIOUS RATIO:	517 LBS/CY YD.
B) 4000 PSI CONCRETE:	564 LBS/CY YD.

9. MAXIMUM FLYASH CONTENT: 15%

10. MAXIMUM WATER-CEMENT RATIO: 0.45

11. AIR ENTRAINMENT CONCRETE: 0.5%

12. NON AIR ENTRAINMENT CONCRETE: 0.50

13. CONCRETE DESIGN SUBMITTALS SHALL INCLUDE A HISTORY OF BREAKS ACCORDING TO ACI 318.

12. PROTECTION FOR REINFORCING BARS

UNFORMED SURFACES IN CONTACT WITH SOIL	3"
FORMED SURFACES EXPOSED TO SOIL OR WEATHER	2"
#6 BARS AND LARGER	1 1/2"
#3 BARS AND SMALLER	1"
FORMED SURFACES NOT EXPOSED TO SOIL OR WEATHER	3/4"
PIERS	1"
SLABS	1 1/2"
#11 BARS AND SMALLER	3/4"

13. CONSTRUCTION JOINTS IN WALLS TO BE KEPTED AND PLACED AT APPROVED LOCATIONS.

14. ALL COLUMN CORKETS TO BE FILLED WITH CONCRETE AFTER COLUMN IS ERECTED.

15. SLEEVES AND OPENINGS IN BEAMS, JOISTS AND SLABS NOT SHOWN ON STRUCTURAL DRAWINGS ARE NOT PERMITTED. UNLESS APPROVED BY THE ENGINEER.

16. WATERSTOPPS

A) SEE ARCHITECTS DRAWINGS FOR WATERSTOPPS

B) WATERSTOPPS TO BE EXPANDING JAIL (BENTONITE OR EQUAL) UNLESS NOTED OTHERWISE.

C) PROVIDE WATERSTOPPS IN ALL BELOW GRADE FOUNDATION WALL CONSTRUCTION JOINTS.

1. MAXIMUM SPACING OF CONSTRUCTION AND/OR CONTROL JOINTS IN SLAB-ON-GRADE CONSTRUCTION SHALL BE 18'-0" O.C. MAX. JOINTS SHALL BE PLACED TO PRODUCE PANELS THAT ARE AS SQUARE AS POSSIBLE AND NEVER EXCEEDING A MAXIMUM OF 10' ON ANY ONE SIDE.
2. CONSTRUCTION AND/OR CONTROL JOINTS FOR SLAB-ON-GRADE CONSTRUCTION SHALL BE LOCATED ON COLUMN LINES.
3. CONSTRUCTION OR CONTRACTION JOINTS IN CONCRETE FOUNDATION WALLS SHALL BE SPACED AT 20'-0" ON CENTER MAXIMUM.

- A. ALL REINFORCING STEEL SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:
 - A) ACI 308 - "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT"
 - B) ACI 318 - "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
 - C) MPCI SPRS MANUAL OF STANDARD PRACTICE"
 - D) AWS D1.4 - "STRUCTURAL WELDING CODE - REINFORCING STEEL"
- E. WELD - "WELDED WIRE FABRIC MANUAL OF STANDARD PRACTICE"
- F. ELEVATED REINFORCING BARS SHALL BE WELDED TOGETHER WITH 60 KSI YIELD POINT DEFORMED BARS IN ACCORDANCE WITH LATEST ASTM SPECIFICATIONS UNLESS NOTED OTHERWISE.
- G. WELDED WIRE FABRIC SHALL MEET ASTM A185.
- H. ALL REINFORCING BARS TO BE DETAILED AND PLACED IN ACCORDANCE WITH THE ACI MANUAL OF STANDARD PRACTICE AND THE MPCI SPRS MANUAL OF CONCRETE STRUCTURES' SPECIFICATIONS. CONTINUOUS BARS TO BE LAPPED.
- I. ONLY REBAR CONFORMING TO ASTM A706 REBAR MAY BE WELDED.
- J. PROVIDE (2) #5 DIAGONALS FOR EACH LAYER AT EACH CORNER OF OPENINGS.
- K. PROVIDE CORNER BARS IN THE OUTSIDE FACE AND AT WALL JUNCTIONS OF ALL EXTERIOR HORIZONTAL WALL BARS. USE (#5) VERTICAL CONSTRUCTION RODS AT CORNERS.
- L. LAP SPICES SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE UNLESS NOTED OTHERWISE.
- M. WELDED WIRE FABRIC SHALL LAP A MINIMUM OF 6" AND BE TIED TOGETHER.

1. SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE. SEE THE CODE FOR THE FULL LIST OF SPECIAL INSPECTION TABLES AND NOTE 4 FOR SPECIAL INSPECTION REQUIREMENTS)
2. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND SPECIAL INSPECTOR. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, THE CONTRACTOR, AND IF NOT CORRECTED, SHALL BE REPORTED TO BUILDING OFFICIALS AND ARCHITECT BY THE SPECIAL INSPECTOR.
3. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS. (REFER TO THE BUILDING CODE AND SPECIFICATIONS FOR DETAILED INSPECTION REQUIREMENTS).
 - CONCRETE CONSTRUCTION
 - SOIL
5. NTRIVE IS NOT RESPONSIBLE FOR PERFORMING SPECIAL INSPECTIONS.



2 Site Locator Map
1" = 400'-0"

S-100 - GENERAL NOTES
S-101 - SCHEDULES, BASE PLATE AND PIER DETAILS
S-200 - FOUNDATION PLAN
S-201 - FOUNDATION PLAN CONT.
S-300 - FOUNDATION DETAILS

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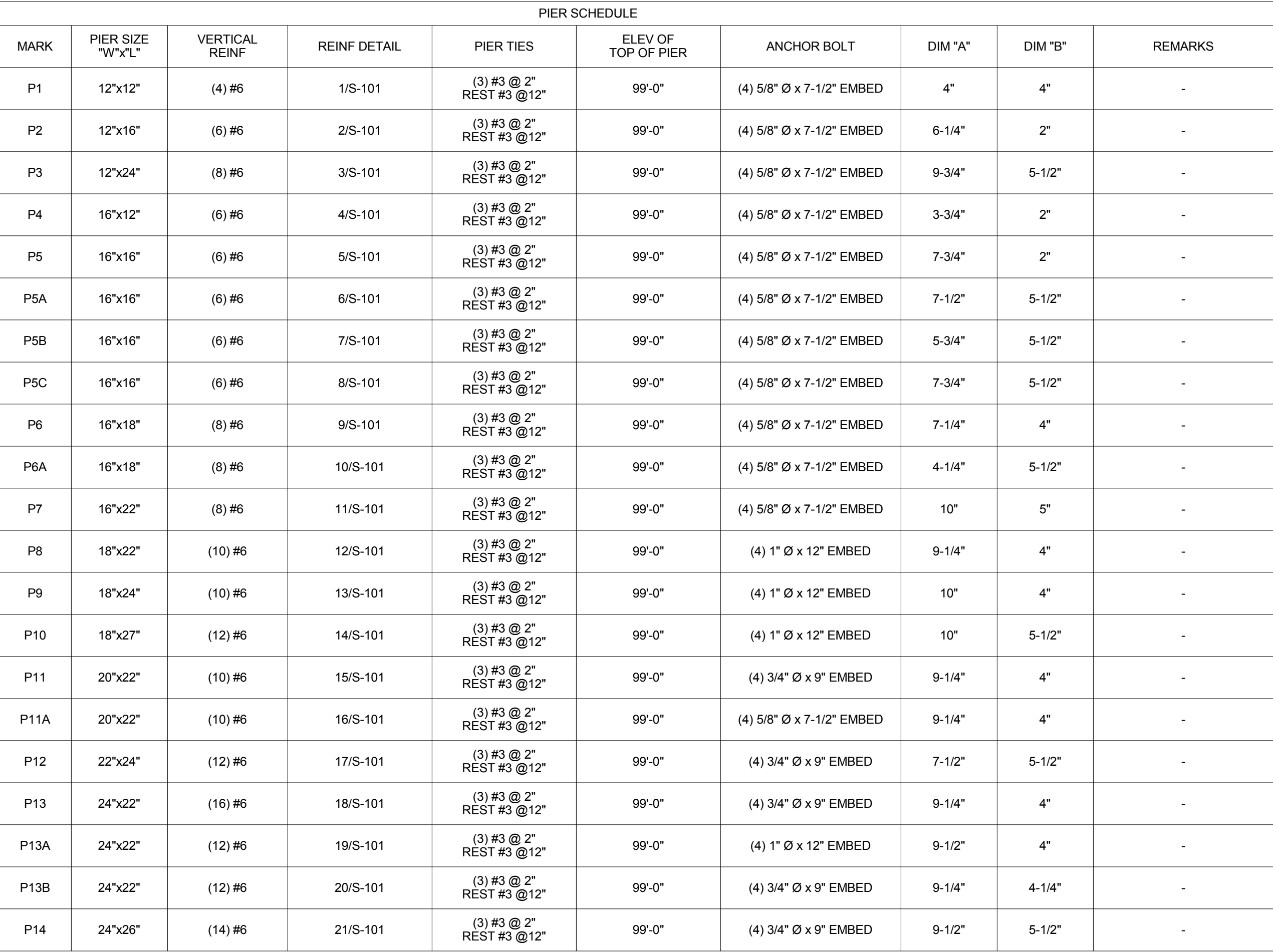
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GENERAL NOTES

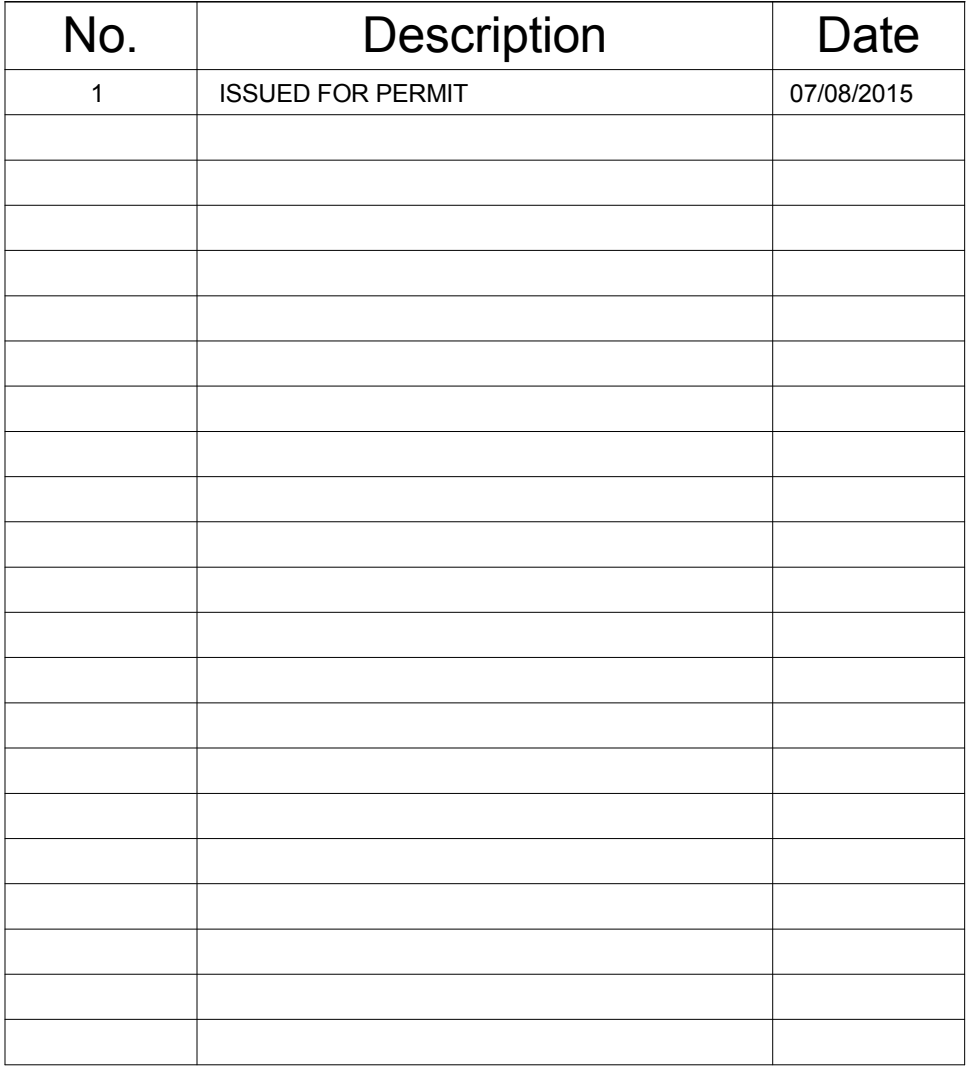
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S-100	
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FOOTING SCHEDULE					fs = 3000 psf fc = 3000 psi	
MARK	SIZE			REINFORCING		
	L	S	D	LONG BARS	SHORT BARS	
F5	5'-0"	5'-0"	1'-6"	6 #4	6 #4	
F7	7'-0"	7'-0"	2'-0"	8 #5	8 #5	
F8	8'-0"	8'-0"	1'-6"	9 #6	9 #6	
F10	10'-0"	10'-0"	2'-0"	11 #5	11 #5	
F11	11'-6"	11'-6"	2'-0"	13 #5	13 #5	

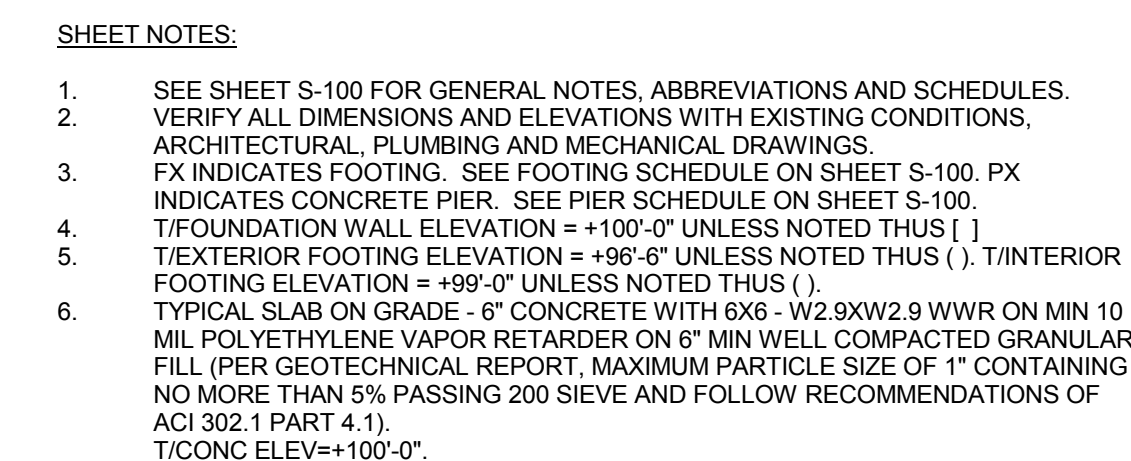


Xcel
Sports Complex

SCHEDULES, BASE PLATE AND PIER DETAILS



Date	07/08/2015
S-101	
Scale	As indicated



A circular professional engineer seal for the State of Wisconsin. The outer ring contains the text "WISCONSIN" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "STEVEN UECKE", "41886-6", "CHICAGO", and "IL." arranged vertically. A signature is written across the center of the seal.

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Xcel
Sports Complex

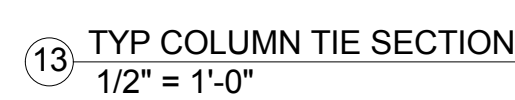
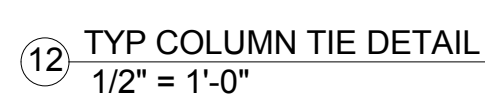
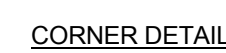
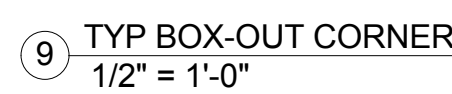
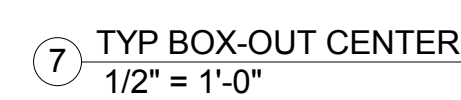
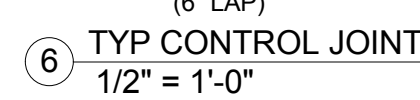
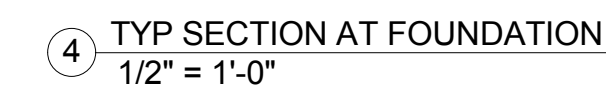
FOUNDATION PLAN

Date 07/08/2015

S-200

Scale $1/8" = 1'-0"$

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Xcel
Sports Complex

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