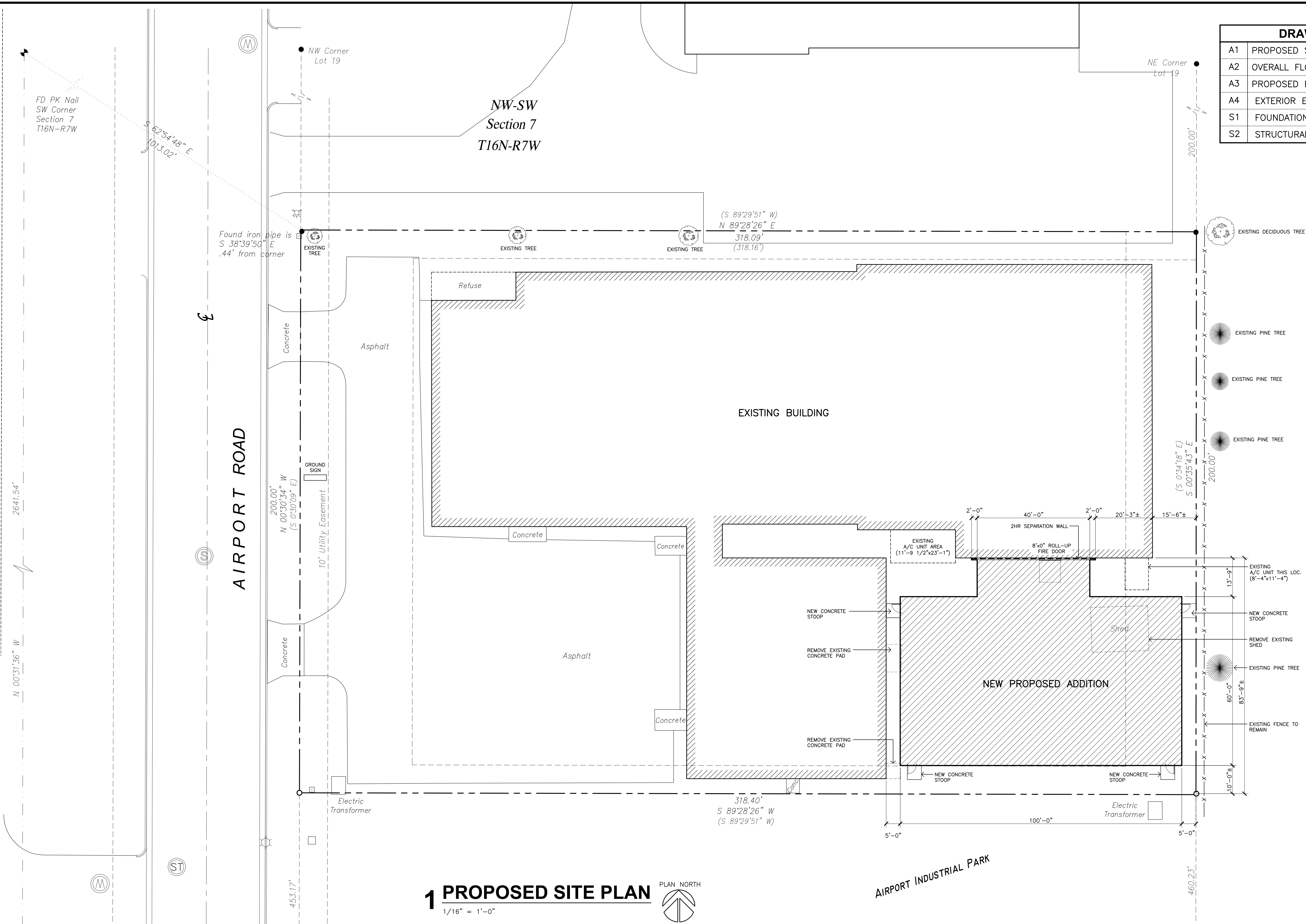


DRAWING INDEX	
A1	PROPOSED SITE PLAN
A2	OVERALL FLOOR PLAN
A3	PROPOSED FLOOR PLAN
A4	EXTERIOR ELEVATIONS
S1	FOUNDATION PLAN
S2	STRUCTURAL NOTES AND DETAILS



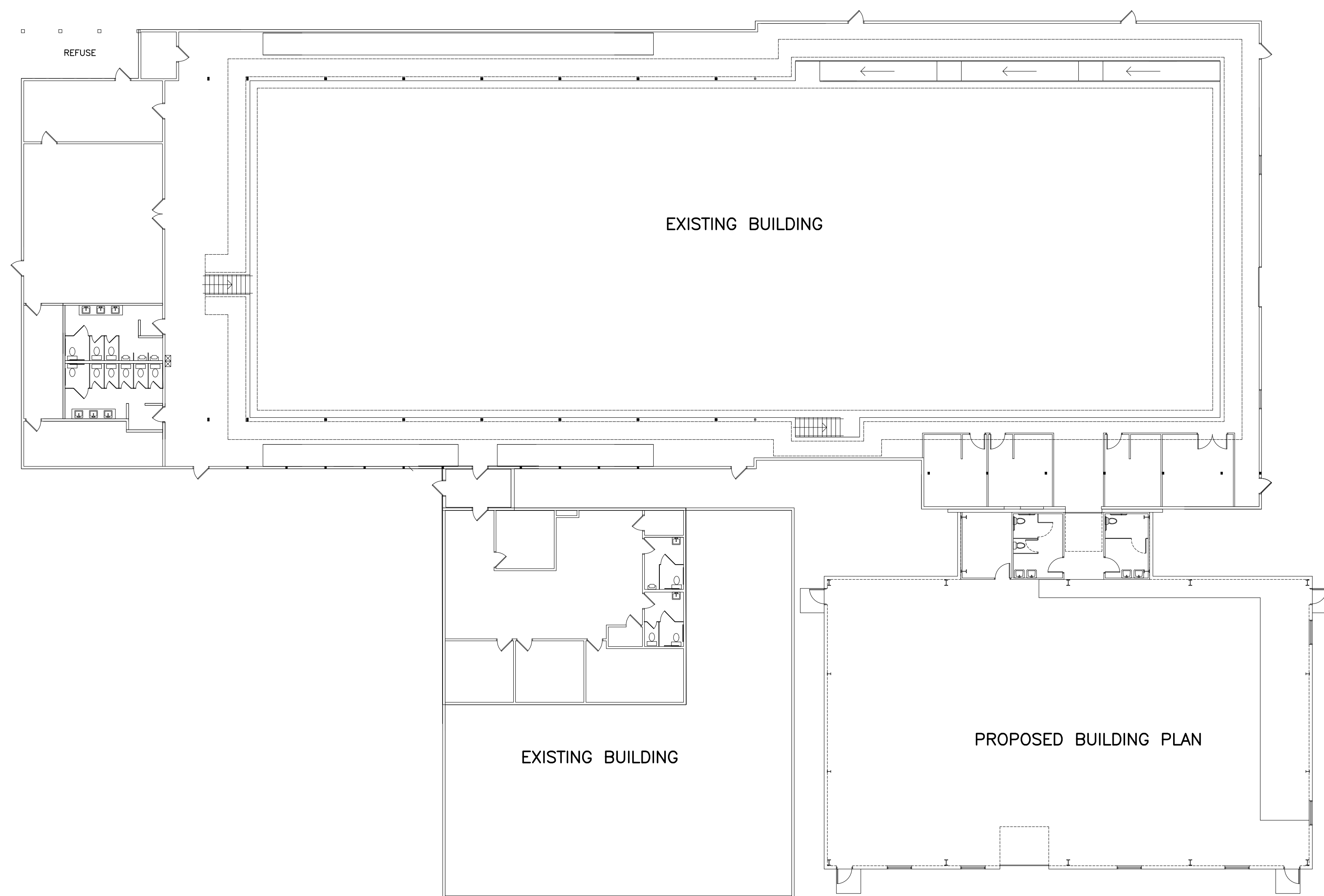
1 PROPOSED SITE PLAN
 1/16" = 1'-0"
 PLAN NORTH

LOT #20 OF AIRPORT INDUSTRIAL PARK - 63,656 S.F.
 TAX PARCEL - 17-10530-220

ADDITION FOR:
 PERFORMANCE ELITE GYMNASTICS
 2930 AIRPORT ROAD
 LA CROSSE, WISCONSIN
 PROPOSED SITE PLAN

JIM WEBB, PE
Engineering & Construction, LLC
 1224 King Street
 La Crosse, WI 54601
 (608) 780-4672

DRAWN
 JAW
 CHECKED
 DATE
 FEBRUARY 20, 2019
 SCALE
 AS NOTED
 SHEET
A1



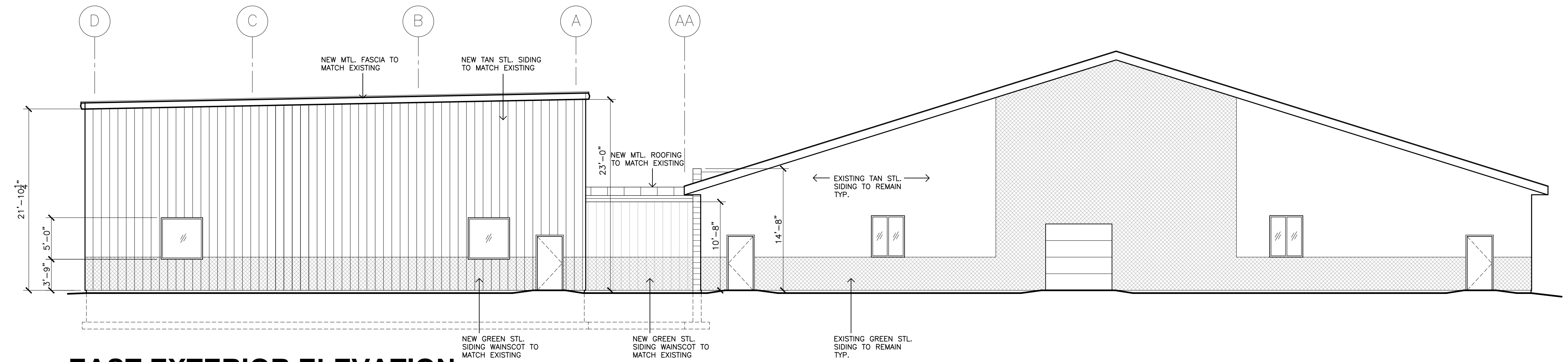
1 OVERALL FLOOR PLAN

1/16" = 1'-0"

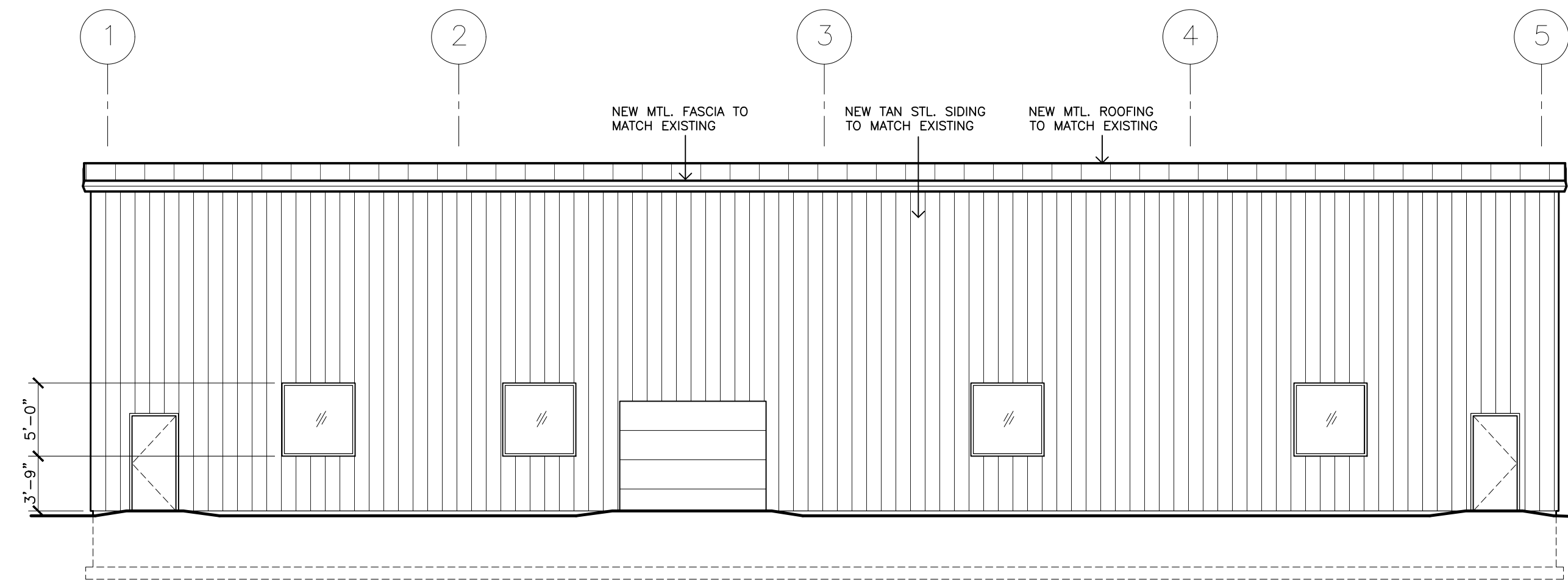


EXISTING BUILDING:	
ORIGINAL BUILDING AND ADDITION	= 23,840 S.F.
ANNEX BUILDING	= 5,895 S.F.
TOTAL EXISTING	= 29,675 S.F.
PROPOSED ADDITION:	
LINK	= 550 S.F.
GYMNASIUM	= 6,000 S.F.
TOTAL ADDITION	= 6,550 S.F.
TOTAL BUILDING AFTER PROPOSED ADDITION	= 36,225 S.F.

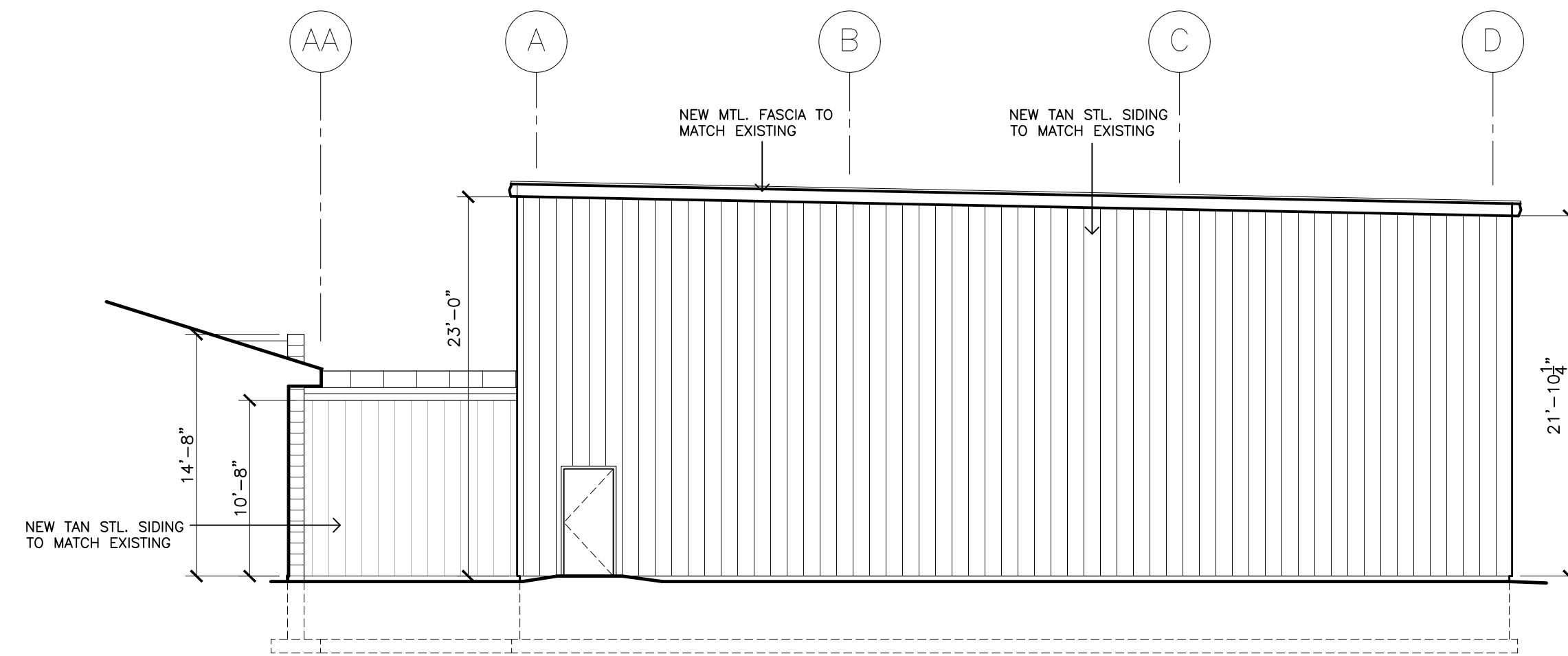
ADDITION FOR: PERFORMANCE ELITE GYMNASTICS 2930 AIRPORT ROAD LA CROSSE, WISCONSIN	JIM WEBB, PE <i>Engineering & Construction, LLC</i> 1224 King Street La Crosse, WI 54601 (608) 780-4672	DRAWN JAW
		CHECKED
OVERALL FLOOR PLAN		DATE FEBRUARY 20, 2019
		SCALE AS NOTED
		SHEET A2



1 EAST EXTERIOR ELEVATION
 1/8" = 1'-0"



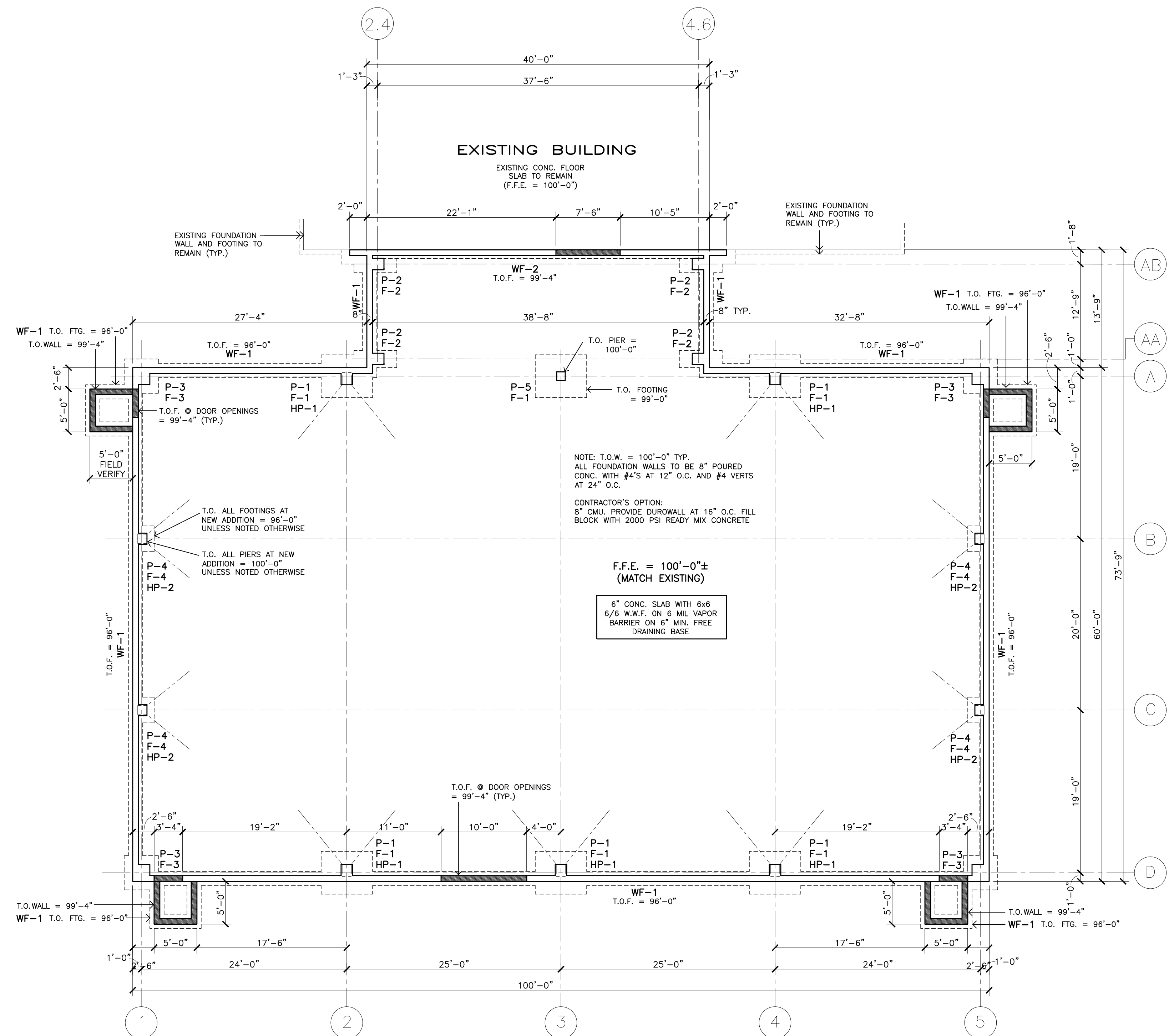
2 SOUTH EXTERIOR ELEVATION
 1/8" = 1'-0"



3 WEST EXTERIOR ELEVATION
 1/8" = 1'-0"

ADDITION FOR: PERFORMANCE ELITE GYMNASTICS 2930 AIRPORT ROAD LA CROSSE, WISCONSIN	JIM WEBB, PE <i>Engineering & Construction, LLC</i>	DRAWN JAW
		CHECKED
EXTERIOR ELEVATIONS	1224 King Street La Crosse, WI 54601 (608) 780-4672	DATE FEBRUARY 20, 2019
		SCALE AS NOTED
		SHEET A4

STRUCTURAL SCHEDULE		
MARK	DESCRIPTION	REINFORCING/REMARKS
F-1	12" x 5'-0" x 6'-0"	(5) #5'S, L.D., (6) #5'S, S.D., BTM.
F-2	12" x 2'-0" x 5'-0"	(2) #5'S, L.D., (8) #5'S, S.D., BTM.
F-3	12" x 4'-0" x 4'-0"	(4) #5'S, E.W., BTM.
F-4	12" x 3'-0" x 3'-0"	(3) #5'S, E.W., BTM.
P-1	16" x 16" COLUMN PIER	(6) #6 VERTS., #3 TIES @ 12" O.C. (4) EA. - 3/4" DIA. x 24"L. A.B.
P-2	16" x 16" COLUMN PIER	(6) #6 VERTS., #3 TIES @ 12" O.C. (4) EA. - 3/4" DIA. x 24"L. A.B.
P-3	16" x 16" COLUMN PIER	(6) #6 VERTS., #3 TIES @ 12" O.C. (4) EA. - 3/4" DIA. x 24"L. A.B.
P-4	12" x 16" COLUMN PIER	(4) #6 VERTS., #3 TIES @ 12" O.C. (4) EA. - 3/4" DIA. x 24"L. A.B.
P-5	12" x 12" COLUMN PIER	(4) #6 VERTS., #3 TIES @ 12" O.C. (4) EA. - 3/4" DIA. x 24"L. A.B.
WF-1	12" x 20" x CONT. WALL FOOTING	(2) #5'S CONT. (T.O.F. = 96'-0" UNO)
WF-2	12" x 18" x CONT. WALL FOOTING	(2) #5'S CONT. (T.O.F. = 99'-4" UNO)
HP-1	#6 HAIRPIN x 20'-0" LONG	
HP-2	#4 HAIRPIN X 16'-0" LONG	



1 FOUNDATION PLAN
1/8" = 1'-0"
PLAN NORTH

ADDITION FOR: PERFORMANCE ELITE GYMNASTICS 2930 AIRPORT ROAD LA CROSSE, WISCONSIN	JIM WEBB, PE <i>Engineering & Construction, LLC</i>	DRAWN JAW
		CHECKED
FOUNDATION PLAN	1224 King Street La Crosse, WI 54601 (608) 780-4672	DATE FEBRUARY 20, 2019
		SCALE AS NOTED
		S1

STRUCTURAL NOTES

DESIGN LOADS

- ROOF LOADS**
GROUND SNOW LOAD = 40 PSF
- SEISMIC & THERMAL PERFORMANCE**
SEISMIC HAZARD: USE GROUP: GROUP 1 - DESIGN CATEGORY: A
S_s = 0.064g S_{d_s} = 0.0685g
S₁ = 0.025g S₁₁ = 0.025g
UNHEATED, UNOCCUPIED
- WIND LOAD**
BASE LOAD = 90 MPH (20 PSF) WIND LOAD
SITE TERRAIN CATEGORY = B
PRIMARY ZONE STRIP WIDTH = 10'-0" (16.03' / -17.36 PSF)
END ZONE STRIP WIDTH = 10'-0" (16.02' / -21.37 PSF)

CONSTRUCTION AND SAFETY

- CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED TO MAINTAIN STABILITY UNTIL COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT.
- ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY CONTRACTOR.
- THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. WHEN ON SITE, THE ENGINEER IS RESPONSIBLE FOR HIS OWN SAFETY BUT HAS NO RESPONSIBILITY FOR THE SAFETY OF OTHER PERSONNEL OR SAFETY CONDITIONS AT THE SITE.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS, SHOULD ANY DISCREPANCY BE FOUND, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF THE CONDITION.
- CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED DURING DEMOLITION AND CONSTRUCTION TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT.

FOUNDATIONS

- FOUNDATION ELEVATIONS ARE SHOWN FOR BIDDING PURPOSES AND MAY VARY TO SUIT SUB-SURFACE SOIL CONDITION, ELEVATION AND BEARING STRATA SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.
 - ALL FOOTINGS SHALL BEAR ON LEVEL (WITHIN 1 IN 12) UNDISTURBED SOIL OR APPROVED ENGINEERED FILL. FOUNDATIONS HAVE BEEN DESIGNED FOR A MAXIMUM SOIL BEARING PRESSURE OF 2000 PSF BELOW STRIP FOOTINGS AND ISOLATED COLUMN FOOTINGS.
 - LATERAL SOIL PRESSURE USED FOR DESIGN OF:
 - RETAINING WALLS: 45 PCF EQUIVALENT FLUID PRESSURE, TRIANGULAR DISTRIBUTION.
 - CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR LOCATING UNDERGROUND SERVICES AND IS RESPONSIBLE FOR THEIR PROTECTION AND SUPPORT.
 - COMPACTION
 - ALL FILL MATERIALS SHALL BE APPROVED BY A GEOTECHNICAL CONSULTANT.
 - FILL BELOW FOOTINGS: ENGINEERED FILL BELOW FOOTINGS: MINIMUM COMPACTION 98% STANDARD PROCTOR DENSITY AT THE OPTIMUM MOISTURE CONTENT.
 - BACK FILL AGAINST WALLS:
 - BACK FILL ALONG INTERIOR FACE OF FOUNDATION WALLS SHALL BE:
 - CLAYEY MATERIAL COMPACTED IN 6" LIFTS TO 95% STANDARD PROCTOR DENSITY OR CONCRETE WITH A COMPRESSIVE STRENGTH OF f'_c = 500 PSI
 - WELL GRADED GRANULAR MATERIAL COMPACTED IN 6" LIFTS TO 95% STANDARD PROCTOR DENSITY.
 - BACK FILL ALONG EXTERIOR FACE OF BASEMENT OR ALONG RETAINING TYPE WALLS SHALL BE A WELL GRADED GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY UP TO WITHIN 24" OF THE FINISHED GRADE. THE TOP 24" OF BACK FILL SHALL BE COMPACTED CLAYEY MATERIAL. AT THE BOTTOM OF THE GRANULAR MATERIAL, PLACE A 4" DIAMETER PERFORATED DRAIN PIPE WITH POSITIVE DRAINAGE TO SUMP OR TO DAYLIGHT. AT EXTERIOR RETAINING WALLS, 4" DIAMETER WEEP HOLES AT 10'-0" ON CENTER MAXIMUM MAY BE INSTALLED IN LIEU OF PERFORATED FOUNDATION DRAIN PIPE.
 - BACK FILL ALONG EXTERIOR FACE OF SHALLOW WALL FOUNDATIONS TO BE:
 - COMPACTED CLAYEY MATERIAL: COMPACT TO 95% STANDARD PROCTOR.
 - COMPACTED GRANULAR MATERIAL COMPACTED IN 6" LIFTS TO 95% STANDARD PROCTOR DENSITY.
 - FILL BELOW FLOOR SLABS:
 - TOP 12" OF SUB BELOW INTERIOR FLOOR SLAB TO BE PROOF ROLLED TO 98% STANDARD PROCTOR DENSITY PRIOR TO PLACEMENT OF SLAB.
- PROVIDE ENGINEERED FILL OR LOW STRENGTH CONCRETE (500 PSI) UNDER FOUNDATIONS AT SOFT SPOTS AND FOR EXTENDING EXCAVATION TO ADEQUATE BEARING MATERIAL. INSTALL FOUNDATIONS AT APPROVED DESIGNED ELEVATIONS.
- ALL AREAS WITHIN THE FOOTPRINT OF THE BUILDING, INCLUDING UTILITY TRENCHES, MUST BE FREE OF ANY WET AND / OR SOFT AREAS PRIOR TO PLACEMENT OF FILL MATERIAL OR SLAB.
- SEAL ALL UTILITY TRENCHES AT THE EXTERIOR FOUNDATION WALL BY USING A COMPACTED CLAYEY BACK FILL OR LEAN CONCRETE TO CREATE A DAM TO PREVENT ENTRY OF WATER.

CONCRETE

- CONCRETE WORK AND TESTING SHALL CONFORM TO ALL REQUIREMENTS OF ACI 318-99.
- CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306.1-90 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING" AND ACI 306.1-90 "COLD WEATHER CONCRETING".
- CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305R-91 "HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND VELOCITY SHALL BE ENTERED INTO NOMOGRAPH FIGURE 2.1.5 TO DETERMINE PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE REQUIRED.
- CONCRETE MIX DESIGNS SHALL BE SUBMITTED FOR EACH TYPE OF CONCRETE TO THE STRUCTURAL ENGINEER FOR APPROVAL IN ACCORDANCE WITH ACI 318 SECTION 3.9 OR 3.10.
- MATERIALS: (f'_c BASED ON 28 DAYS UNLESS NOTED)
 - CONCRETE UNLESS NOTED: f'_c = 3000 PSI, NORMAL AGGREGATE.
 - CONCRETE FOR INDUSTRIAL OR WAREHOUSE INTERIOR FLOOR SLABS: f'_c = 4000 PSI AT 28 DAYS, 1800 PSI AT 3 DAYS, NORMAL WEIGHT AGGREGATE, MINIMUM PORTLAND CEMENT CONTENT PER ACI 318-99 TABLE 3.14.2(b), FLY ASH NOT PERMITTED, WATER NOT PERMITTED TO BE ADDED AT THE SITE, HRWR ADMIXTURE REQUIRED, MAXIMUM WATER / CEMENT RATIO = 0.50.
 - CONCRETE FOR OTHER INTERIOR FLOOR SLABS: f'_c = 4000 PSI AT 28 DAYS, 1800 PSI AT 3 DAYS, NORMAL WEIGHT AGGREGATE, MINIMUM PORTLAND CEMENT CONTENT PER ACI 318-99 TABLE 3.14.2(b), WATER NOT PERMITTED TO BE ADDED AT THE SITE, HRWR ADMIXTURE REQUIRED, MAXIMUM WATER / CEMENT RATIO = 0.50.
 - CONCRETE FOR EXTERIOR FLAT WORK, WALLS, ETC. f'_c = 4500 PSI, (4.5% TO 7.5% ENTRAINED AIR), MINIMUM PORTLAND CEMENT CONTENT = 520 #/CY, MAXIMUM WATER CEMENTITIOUS RATIO = 0.50.
 - CONCRETE FOR FOUNDATION WALLS WITH EXTERIOR EXPOSURE, f'_c = 4000 PSI, (4.5% TO 7.5% ENTRAINED AIR), MAXIMUM WATER CEMENTITIOUS RATIO = 0.50.
 - CONCRETE FOR FOOTINGS: f'_c = 3000 PSI
 - REINFORCING STEEL: ASTM A615 60 KSI YIELD DEFORMED BARS AND ASTM A185 MESH, FLAT SHEETS ONLY.
 - FLY ASH: ASTM C618, TYPE F OR C, TOTAL FLY ASH-TO-PORTLAND CEMENT RATIO SHALL NOT EXCEED 20% MAXIMUM.
 - HIGH RANGE WATER REDUCER (HRWR) ADMIXTURE: ASTM C494.
 - CHLORIDE CONTENT OF CONCRETE: LIMIT TOTAL CHLORIDE ION CONTENT TO AMOUNT INDICATED IN TABLE 4.4.1 OF ACI 318. ADMIXTURES CONTAINING CHLORIDE ARE NOT PERMITTED IN REINFORCED CONCRETE OR CONCRETE CONTAINING METALS.

- SLUMP SHALL BE MEASURED PRIOR TO ADDITION OF HRWR.
- LAP SPLICE REINFORCING BARS AS FOLLOWS UNLESS NOTED OTHERWISE.
 - BARS WITH MORE THAN 12" OF CONCRETE BELOW = 48 BAR DIAMETERS, #4 BAR = 24" LAP, #5 BAR = 30" LAP, #6 BAR = 36" LAP.
 - BARS WITH LESS THAN 12" OF CONCRETE BELOW = 40 BAR DIAMETERS, #4 BAR = 20" LAP, #5 BAR = 25" LAP, #6 BAR = 30" LAP.
- AT THE CORNERS AND INTERSECTIONS OF FOOTINGS, WALLS AND GRADE BEAMS, PROVIDE BENT BARS OF EQUAL SIZE AND AT THE SAME SPACING AS TYPICAL REINFORCING AROUND CORNER AND / OR INTO ABUTTING WALL OR GRADE BEAM. BARS SHALL HAVE EMBEDMENT OF 30 DIAMETERS. #4 BAR = 18", #5 BAR = 20", #6 BAR = 24".
- MACHINE TROWEL FINISH FLOOR SLAB AND CURE USING "CURE AND SEAL" TYPE CURING COMPOUND MEETING FEDERAL SPECIFICATION TT-C-00800, VISC COMPLIANT, 30% MINIMUM SOLIDS CONTENT. FOR APPLICATION EXPOSED TO SUNLIGHT USE LIGHT BROOM FINISH AND ACRYLIC BASED CURING COMPOUND.
- FLOOR SLAB-ON-GRADE SHALL CONFORM TO THE FOLLOWING SURFACE PROFILE TOLERANCES PER ASTM E-1155 AND ACI 117:

FF (FLATNESS)	FI (LEVELNESS)
SPECIFIED OVERALL VALUE	25
MINIMUM LOCAL VALUE	18
MAXIMUM GAP UNDER 10 FT. UNLEVELED STRAIGHT EDGE =	1/4"
- SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR VAPOR BARRIER REQUIREMENTS. VAPOR BARRIER, WHERE REQUIRED, SHALL BE PLACED OVER COMPACTED GRANULAR SUB-BASE.

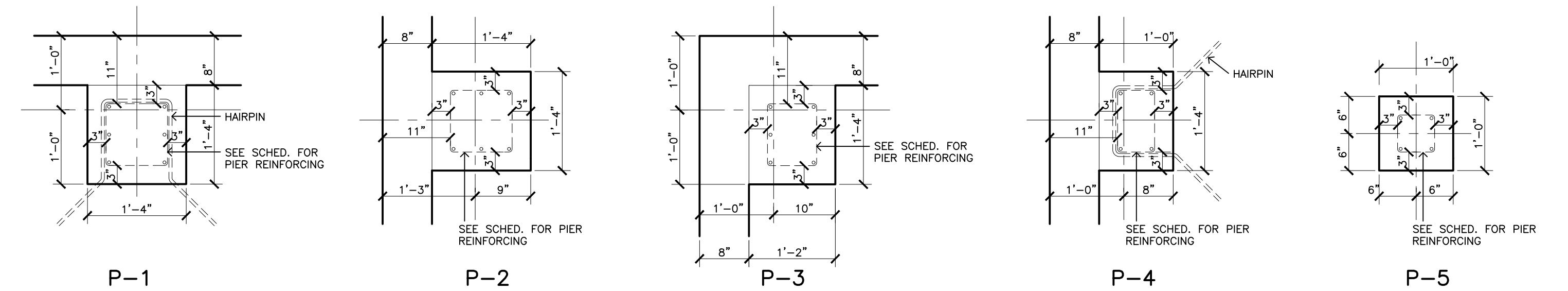
- AT SLAB AND WALL OPENING CORNERS AND REENTRANT CORNERS, PROVIDE (1) #5 BAR IN EACH FACE PARALLEL TO EACH EDGE EXTENDING A MINIMUM OF 2'-0" PAST EDGE OF OPENING. THIS STEEL MAY BE OMITTED IF TYPICAL WALL STEEL EXCEEDS THIS MINIMUM REQUIREMENT.
- DO NOT BACK FILL AGAINST BASEMENT FOUNDATION WALLS UNTIL ADJACENT FLOOR STRUCTURE AND CONCRETE / DECKING IS IN PLACE TO BRACE THE TOP OF THE WALL.
- FINISH OF CONCRETE HANDICAP RAMPS TO CONFORM WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).
- CONTROL JOINTS ON SLABS ON GRADE SHALL BE LOCATED AT 12'-6" MAXIMUM SPACING AND SHALL CREATE SECTIONS OF SLAB WITH A MAXIMUM ASPPECT RATIO OF 1.5 : 1. CONTROL JOINTS SHALL BE SAWN AND SHALL BE A MINIMUM OF 1/4 OF THE SLAB THICKNESS DEEP. THE CONTROL JOINT SHALL CUT EVERY OTHER MESH WIRE AT THE CONTROL JOINT PRIOR TO PLACING THE CONCRETE.
- CONSTRUCTION JOINTS IN SLABS ON GRADE MAY BE LOCATED AT ANY CONTROL JOINT LOCATION. CONSTRUCTION JOINTS SHALL HAVE A KEY FORMED AT MID-DEPTH OF THE FIRST CAST SECTION. THE KEY SHALL BE 1 1/2" DEEP AND SHALL BE 1/3 OF THE SLAB THICKNESS HIGH. THE TOP AND BOTTOM OF THE KEY SHALL HAVE 1 VERTICAL TO 3 HORIZONTAL SLOPE.
- FILL CONTROL AND CONSTRUCTION JOINTS IN TRAFFIC AREAS WITH SEMI-RIGID EPOXY FILLER WITH A DUROMETER SHORE A-SCALE HARDNESS NUMBER OF APPROXIMATELY 80. FILL CONTROL AND CONSTRUCTION JOINTS IN NON-TRAFFIC AREAS WITH ELASTOMERIC SEALANT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

STEEL

- ALL STRUCTURAL STEEL FABRICATION AND ERECTION SHALL COMPLY WITH AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN (AISC-ASD).
- STRUCTURAL STEEL SHALL CONFORM TO REQUIREMENTS OF ASTM A-36.
- HOT ROLLED STRUCTURAL TUBE TO CONFORM TO THE REQUIREMENTS OF ASTM 501. COLD FORMED STRUCTURAL TUBING TO CONFORM TO THE REQUIREMENTS OF ASTM A500, GRADE B.
- STRUCTURAL MEMBERS FOR USE IN ROLL FORMED OR PRESS BROKEN USED FOR SECONDARY MEMBERS TO CONFORM TO THE REQUIREMENTS OF ASTM A572/A572M OR A607.
- ALL OPEN-WEB STEEL JOISTS AND GIRDERS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH STEEL JOIST INSTITUTE (SJI) SPECIFICATIONS FOR K-SERIES OPEN-WEB STEEL JOISTS AND GIRDERS.
- STEEL ROOF DECKING TO CONFORM TO DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS AS PUBLISHED BY STEEL DECK INSTITUTE (SDI). DECKING TO INCLUDE PROTECTIVE SHOP COAT PRIMER AT BOTH SURFACES. ATTACH DECKING TO STRUCTURAL SUPPORTS USING 5/8" DIAMETER "PUDDLE WELDS" AT A MINIMUM OF 12" ON CENTER AT ENDS AND 18" ON CENTER AT INTERMEDIATE SUPPORTS. CARE SHOULD BE EXPRESSED ON THE SELECTION OF THE ELECTRODES TO PROVIDE POSITIVE ATTACHMENT AND TO PREVENT HIGH AMPERAGE BLOW HOLES IN DECKING AND STRUCTURAL MEMBERS.
- UNFINISHED TREADED FASTENERS TO COMPLY WITH ASTM A307, GRADE A, REGULAR LOW-CARBON STEEL BOLTS AND NUTS. INCLUDE WASHERS AS REQUIRED.
- ALL ON-SITE WELDING AND EQUIPMENT INCLUDING WORKMANSHIP, TECHNIQUES AND INSPECTIONS SHALL CONFORM TO THE REQUIREMENTS OF AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. ALL WELDING TO BE PERFORMED BY LICENSED STRUCTURAL WELDER IN ACCORDANCE WITH PROVISIONS OF WISCONSIN ADMINISTRATIVE CODE SPS 5.
- ELECTRODES FOR WELDING TO COMPLY WITH AWS CODE USING ASTM A233, E-70 SERIES ELECTRODES.
- PROVIDE SHOP COAT PRIMER PAINT AT ALL STEEL ITEMS EXCLUDING SURFACES EMBEDDED IN CONCRETE/MASONRY OR TO BE WELDED.
- INSPECT SITE THOROUGHLY PRIOR TO STEEL ERECTION AND REPORT ANY DISCREPANCIES TO THE CONTRACTOR. NO CUTTING OF SECTIONS, FLANGES, WEBS, OR ANGLES SHALL BE DONE WITHOUT THE ENGINEER'S APPROVAL. IF ALLOWED USE TWIST DRILLS TO ENLARGE HOLES TO MAKE CONNECTIONS.
- INCLUDE ALL TEMPORARY RIGGING, GUYING, SHORING, AND BRACING INCLUDING TEMPORARY PLANKING AS REQUIRED FOR COMPLETE ERECTION AND ALIGNMENT. REMOVE UPON COMPLETION.

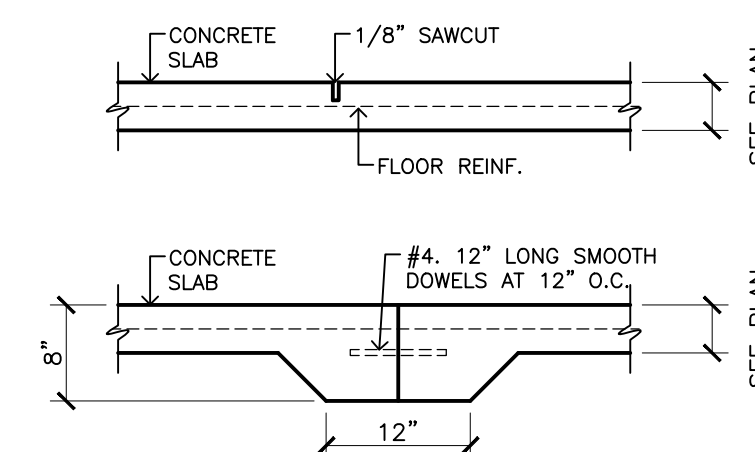
COLD-FORMED METAL FRAMING & STEEL STUDS

- MATERIALS FOR EXTERIOR NON-LOAD-BEARING STEEL STUD WALL FRAMING TO COMPLY WITH THE REQUIREMENTS OF ASTM A653/A653M USING GALVANIZED SHEET STEEL WITH 90 COATING CLASS. ALL MATERIALS TO BE FABRICATED BY MEMBER OF STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA).
- MATERIALS FOR INTERIOR NON-LOAD-BEARING STEEL STUD WALL FRAMING TO COMPLY WITH THE REQUIREMENTS OF ASTM A653/A653M OR ASTM A1003/1003M USING GALVANIZED SHEET STEEL WITH G40 COATING CLASS. ALL MATERIALS TO BE FABRICATED BY MEMBER OF STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA).
- ALL STUDS TO BE SSMA STUD PROFILE, C-SHAPED, AND PUNCHED FOR UTILITY ACCESS.
- ALL STUD TRACK TO BE C-SHAPED STUD PROFILE, UNPUNCHED, GAUGE AND DEPTH TO MATCH STUD DEPTH.
- TOP TRACK TO INCLUDE DEFLECTION TYPE COMPLETE WITH DEEP LEG TRACK WITH SLOTTED SCREW HOLES WHERE APPLICABLE ALLOWING FOR 1" DEFLECTION. WHERE DEFLECTION TYPE TOP TRACK IS NOT REQUIRED USE STANDARD SSMA STUD TRACK PROFILE WITH 1 1/4" LEGS.
- INSTALL ALL COMPONENTS IN ACCORDANCE WITH ASTM C1007 AND MANUFACTURER'S INSTRUCTIONS.
- PLACE TOP AND BOTTOM TRACKS IN STRAIGHT LINES WITH ENDS BUTTED. PLACE STUDS AT SPACING INDICATED AND NOT MORE THAN 2 INCHES FROM ABUTTING WALLS AND AT EACH SIDE OF OPENINGS. CONNECT STUDS TO TOP AND BOTTOM TRACKS. CONSTRUCT CORNERS USING A MINIMUM OF THREE STUDS. DO NOT SPLICE STUDS.
- INCLUDE ALL NECESSARY ACCESSORIES INCLUDING GUSSETS, CLIPS, SCREWS, ETC. AS NECESSARY FOR A COMPLETE INSTALLATION.
- FASTENERS AT EXTERIOR WALLS TO COMPLY WITH THE REQUIREMENTS OF ASTM C1513. FASTENERS AT INTERIOR PARTITIONS TO BE 3/8" LONG PAN HEAD SELF TAPPING SCREWS.



1 TYP. PIER DETAILS

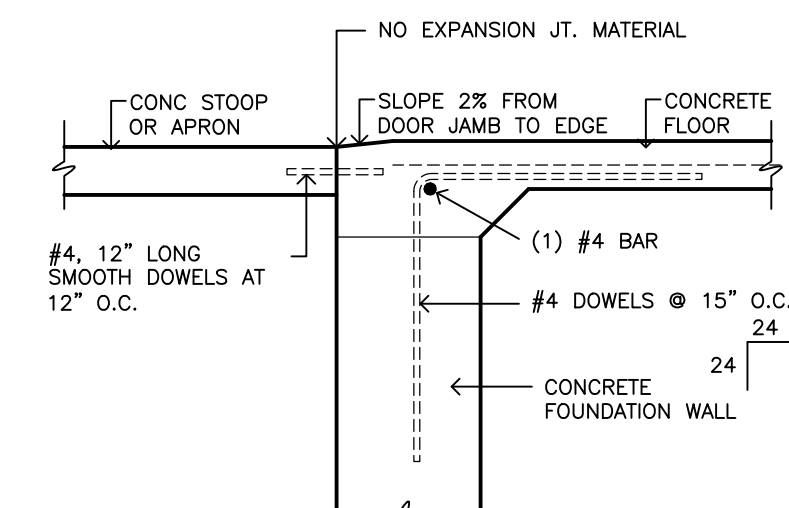
3/4" = 1'-0"



PROVIDE CONSTRUCTION OR CONTROL JOINTS AS SHOWN ON PLAN (15'-0" O.C./E.W. MAX.)

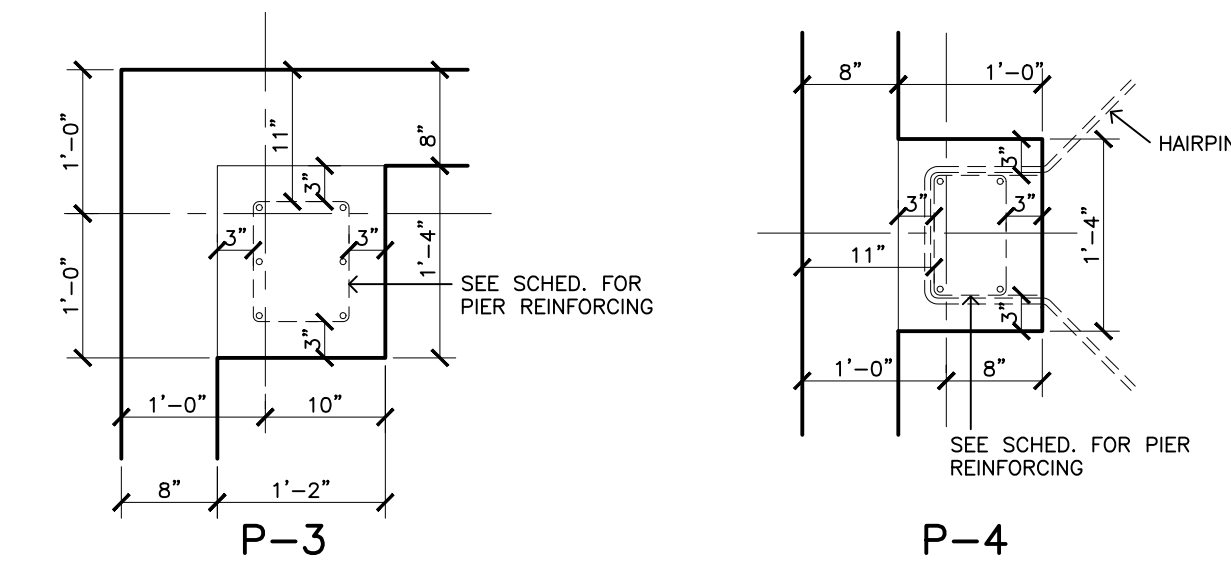
2 FLOOR JOINT

3/4" = 1'-0"



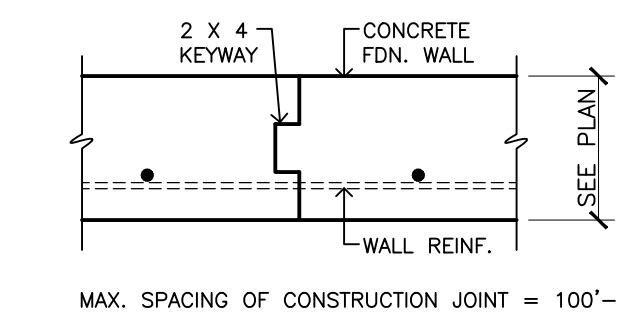
4 SECTION THRU DOOR

3/4" = 1'-0"



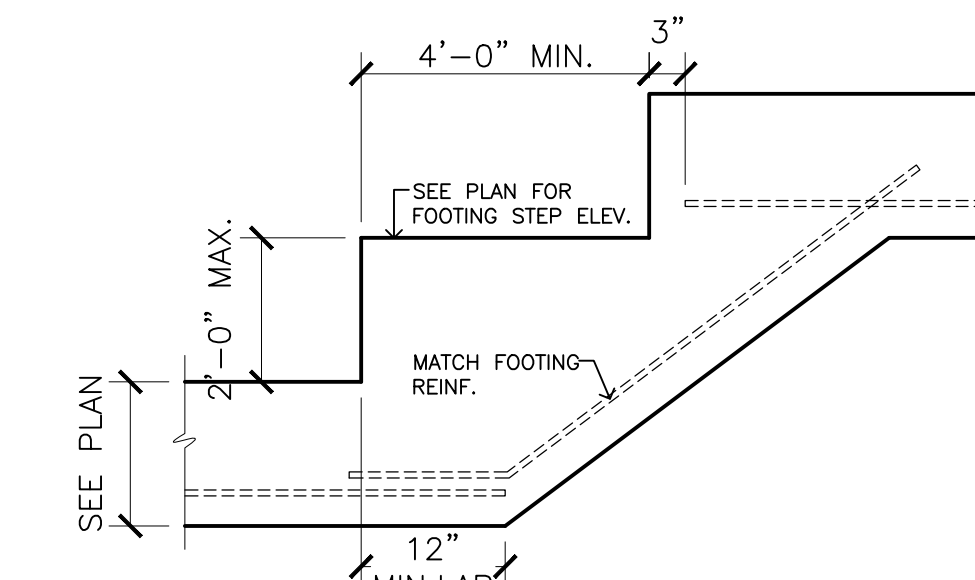
3 VERT. WALL JOINT

3/4" = 1'-0"



5 FOOTING STEP

N.T.S.



5 FOOTING STEP

N.T.S.

ADDITION FOR:
PERFORMANCE ELITE GYMNASTICS
2930 AIRPORT ROAD
LA CROSSE, WISCONSIN

STRUCTURAL NOTES AND DETAILS

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