

START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

# CAUTION: NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RULED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

IT IS UNDERSTOOD THAT "PROFESSIONAL CIVIL ENGINEERING, LLC" HAS NOT BEEN RETAINED FOR THE REVIEW AND/OR THE IMPLEMENTATION OF THE DESIGN AND/OR REVIEWS AND OBSERVATION OF CONSTRUCTION. THE OWNER SHALL EMPLOY UNDER SEPARATE CONTRACT FOR SUCH SERVICE AS REQUIRED.

CONTRACTOR IS TO CONTACT "DIG SAFELY NEW YORK" AT 811 TO HAVE ALL EXISTING UTILITIES LOCATED AND MARKED PRIOR TO ANY DEMOLITION, CONSTRUCTION OR EXCAVATION OF THE SITE.

- 1. ALL WORK TO CONFORM TO TOWN OF HAMBURG REQUIREMENTS AND STANDARD SPECIFICATIONS. ANY AND ALL PERMITS AND/OR LICENSES REQUIRED FOR THE
- 3. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE NYS INDUSTRIAL CODE RULE 53 AND THE NYS HIGH VOLTAGE PROXIMITY ACT.
- 4. THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE RESIDENTS AND GENERAL PUBLIC,, ALONG AND ADJACENT TO HIGHWAYS AND ROADS IN THE CONSTRUCTION AREA, IN AN ADEQUATE AND SATISFACTORY MANNER.
- 5. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREAS OF
- 6. REFERENCES TO NYSDOT STANDARDS SHALL MEAN THE "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, OFFICE OF ENGINEERING, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, MAY 1, 2008," WITH ALL CURRENT REVISIONS AND ADDENDUMS. 7. GRADING SHALL BE KEPT WITHIN THE LIMIT SHOWN ON THE GRADING PLAN. SITE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING VEGETATION AND/OR
- TREES OUTSIDE THE LIMITS OF GRADING. 8. THE CONTRACTOR IS TO LOCATE ALL APPLICABLE PROPERTY, EASEMENT AND/OR RIGHT OF WAY LINES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOT TRESPASS OR PERFORM WORK ON OTHER PROPERTIES, EASEMENTS, OR RIGHT OF WAYS WITHOUT PROPERLY NOTIFYING AND MEETING THE
- NECESSARY REQUIREMENTS OF THE PROPERTY OWNER OR AGENCY HAVING JURISDICTION. 9. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REQUIREMENTS REGARDING THE PREVENTION AND ABATEMENT OF SOIL EROSION, SEDIMENTATION, WATER AND STORMWATER POLLUTION.
- 10. THE LOCATIONS OF UTILITIES AND OTHER FEATURES, AS SHOWN ON THESE PLANS, ARE FROM THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN DEVELOPMENT. IT IS THE SITE CONTRACTORS RESPONSIBILITY TO FIELD INVESTIGATE AND VERIFY THE EXACT LOCATION OF UTILITIES AND OTHER SIGNIFICANT FEATURES PRIOR TO THE START OF CONSTRUCTION TO AVOID POTENTIAL CONFLICTS. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS
- 11.ALL NATIONAL FUEL GAS CORPORATION CONSTRUCTION GUIDELINES ARE TO BE FOLLOWED FOR ANY CONSTRUCTION TAKING PLACE IN THE VICINITY TO EXISTING
- 12.ANY DAMAGE CAUSED BY THE CONTRACTORS OPERATIONS TO EXISTING PAVEMENT, SHOULDERS, DRIVES AND OR UTILITY FACILITIES SHALL BE REPAIRED BY AND AT THE EXPENSE OF THE CONTRACTOR IN ACCORDANCE WITH THE STANDARDS OF THE AGENCY HAVING JURISDICTION.
- 13. THE CONTRACTOR SHALL CONTACT "DIG SAFELY NEW YORK" AT 811 AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION OPERATIONS.



SITE LOCATION MAP

## # SCOPE OF WORK, SPECIFICATIONS AND NOTES:

- L. PROVIDE AND INSTALL 75' LONG x 24' WIDE CONCRETE ENTRANCE APRON PER PLAN AND PER DETAIL 1 ON SHEET C1.1. ALL WORK TO BE INCLUDED FOR A COMPLETE INSTALLATION INCLUDING. BUT NOT LIMITED TO, EXCAVATION TO SUITABLE SUBGRADE. DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AND FULL RESTORATION OF ADJACENT AREAS. ALL DISTURBED AREAS TO RECEIVE 4" MIN TOPSOIL AND BE SEEDED AND MAINTAINED TO A HEALTHY STAND OF GRASS. HIGHWAY WORK PERMIT FROM TOWN OF HAMBURG REQUIRED AND IS TO BE OBTAINED BY CONTRACTOR.
- 2. PROVIDE AND CONSTRUCT 24' X 40 PICNIC PAVILION PER DESIGN DRAWINGS BY ABSTRACT ARCHITECTURE PC. INCLUDE ANY AND ALL ASSOCIATED WORK FOR COMPLETE CONSTRUCTION OF PAVILION INCLUDING. BUT NOT LIMITED TO. EARTHWORK TO ACHIEVE DESIGN GRADES PER PLAN, SWALE ON SOUTH SIDE OF PAVILION AND PAVILION SUB GRADE ELEVATION, INSTALLATION OF 6' WIDE X 55' LONG STONE ACCESS PATH FROM THE EXISTING PATH AND ALONG THE SOUTH SIDE OF THE PAVILION PER DETAIL 2 ON SHEET C1.1 AND RELOCATION OF ANY EXISTING BOULDERS. ALL DISTURBED AREAS ARE TO RECEIVE 4" MIN OF TOPSOIL AND BE SEEDED AND MAINTAINED TO A HEALTHY STAND OF GRASS.
- 3. PROVIDE AND PLACE 8' X 40' STORAGE SHED. SHED TO BE PLACED ON LEVEL SURFACE OF MIN 10' WIDE X 55' LONG X 6" THICK OF NO. 2 RUN OF CRUSHER STONE PER DETAIL 2 ON SHEET C1.1.
- 4. PROVIDE AND INSTALL NO.2 RUN OF CRUSHER STONE (APPROX 250 SQ. FT.) FOR PEDESTRIAN ACCESS GATE PER DETAIL 2 ON
- 5. PROVIDE AND INSTALL ADA COMPLIANT PARKING STALLS, MARKINGS AND SIGNAGE. PARKING AND LOADING STALLS TO BE 9' WIDE X 18' LONG PER PLAN. STALLS TO BE STRIPED WITH 4" WIDE BLUE PAINT (SHERWIN WILLIAMS PRO-MAR TRAFFIC MARKING PAINT OR APPROVED EQUAL) PER PLAN. NEW YORK STATE SYMBOL OF ACCESSIBILITY TO BE WITH BLUE PAINT (SHERWIN WILLIAMS PRO-MAR TRAFFIC MARKING PAINT OR APPROVED EQUAL) PER PLAN. SIGNAGE TO BE INSTALLED ON SIGN POSTS TO HEIGHT OF 6' ABOVE FINISHED GRADE TO BOTTOM OF SIGN. SIGN POSTS TO BE OF 2-1/2" SQUARE X 5' LONG BASE EMBEDDED MIN 4' INTO GROUND. FENCE POST TO BE 2-1/4" SQUARE INSERTED A MIN OF 18" INTO BASE. BASE AND FENCE POSTS TO BE 12 GAUGE SQUARE UNISTRUT OR APPROVED EQUAL. ADA PARKING STALL SIGNAGE TO CONSIST OF THREE (3) ACCESSIBLE PARKING STALL SIGNS (MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD SIGN R7-8-MOD) AND TWO (2) NO PARKING ANYTIME LOADING ZONE SIGNS (MUTCD SIGN R7-1) LOCATED PER PLAN. SEE DETAIL 3 ON SHEET C1.1.
- 6. PROVIDE AND INSTALL VEHICLE CONTROL SIGNAGE PER PLAN. SIGNAGE TO BE INSTALLED ON SIGN POSTS TO HEIGHT OF 6' ABOVE FINISHED GRADE TO BOTTOM OF SIGN. SIGN POSTS TO BE OF 2-1/2" SQUARE X 5' LONG BASE EMBEDDED MIN 4' INTO GROUND. FENCE POST TO BE 2-1/4" SQUARE INSERTED A MIN OF 18" INTO BASE. BASE AND FENCE POSTS TO BE 12 GAUGE SQUARE UNISTRUT OR APPROVED EQUAL. SIGNAGE TO BE INSTALLED - ONE (1) STOP SIGN (MUTCD R1-1), TWO (2) DO NOT ENTER SIGNS (MUTCD R5-1), TWO (2) ONE WAY ARROW LEFT SIGNS (MUTCD R6-L1) AND ONE (1) ALL TRAFFIC ARROW UP SIGN (MUTCH/NYSDOT NYR3-14). SIGNS TO BE LOCATED PER PLAN.
- 7. PROVIDE AND INSTALL 6' HIGH CHAIN LINK SECURITY FENCE, MANUAL SLIDING GATE FOR 10' WIDE OPENING AND A 5' WIDE PEDESTRIAN GATE PER PLANS. SEE DETAIL 4 ON SHEET C1.1. SEE SPECIFICATIONS FOR CHAIN LINK FENCING AND GATES ON
- 8. PROVIDE AND INSTALL 26' S-SERIES GALVANIZED STEEL TUBUALAR BARRIER DOUBLE GATE BY HOOVER FENCE CO. OR APPROVED EQUAL. INSTALLATION TO INCLUDE FOUR (4) GATE POSTS - TWO (2) FOR MOUNTING GATE LEAFS AND TWO (2) FOR SECURING GATE LEAFS IN THE OPEN POSITION. SEE PHOTO DETAIL 5 ON SHEET C1.1.

SHOP DRAWINGS ARE REQUIRED FOR REVIEW BY THE OWNER AND/OR ENGINEER PRIOR TO PRODUCT ORDERING FOR THE FOLLOWING:

- CHAIN LINK FENCING AND PEDESTRIAN GATE. CHAIN LINK MANUAL SLIDE GATE
- TUBULAR DOUBLE BARRIER GATE SYSTEM (WITH ADDITIONAL GATE POSTS) ALL SIGNS

# **LEGEND**



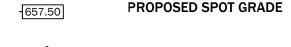
**EXISTING GRADE CONTOUR** 



---- DRAINAGE SWALE PER PLAN

PUROPOSES ONLY)

Part 2, of the New York State Education Law



TRAFFIC FLOW DIRECTION (FOR ILLUSTRATIVE

# **ISSUED FOR BID**

PROFESSIONAL CIVIL ENGINEERING, LLC 8150 SALT ROAD

CLARENCE CENTER, NEW YORK 14032 716-583-6875 profcivilengineering@hotmail.com

# PENN DIXIE FOSSIL PARK PARK ACCESS SITE

JEFFREY BOULEVARD SBL NO. 159.12-2-2.112 TOWN OF HAMBURG, NEW YORK

PHASE 2 SITE IMPROVEMENTS PLAN

Drawn By: TML Alteration of this document is in violation of Scale: AS NOTED the law excepting as provided in Section 7209,

PCE Project No.: 2105

#### IMPORTANT NOTE:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT. ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

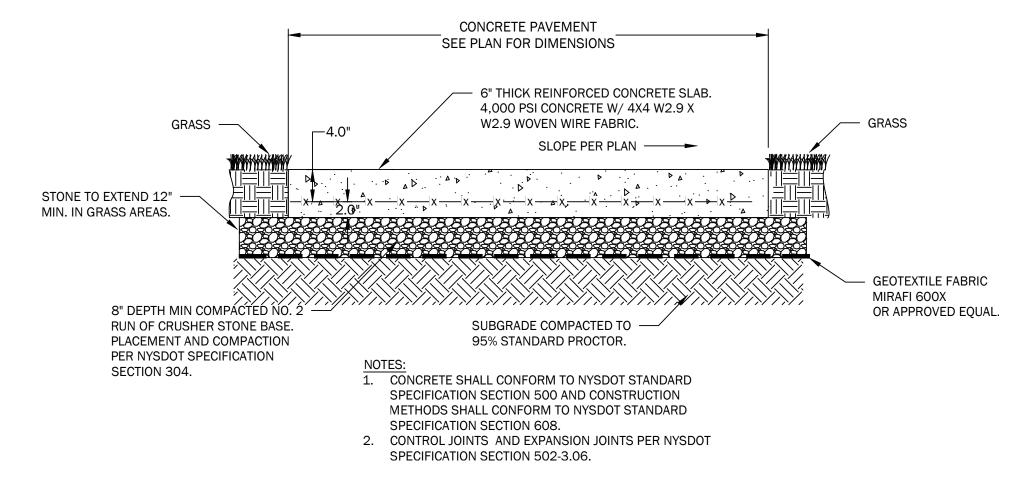
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#### IMPORTANT NOTE:

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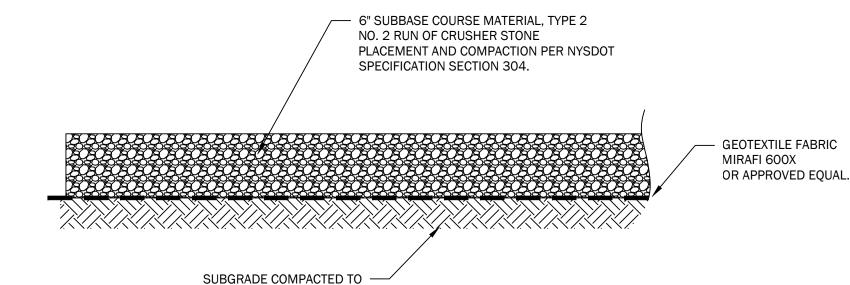
# 1 - CONCRETE ENTRANCE APRON DETAIL



3 - MUTCD SIGN R7-8-MOD

SCALE: NTS

3 - MUTCD SIGN R7-1 SCALE: NTS

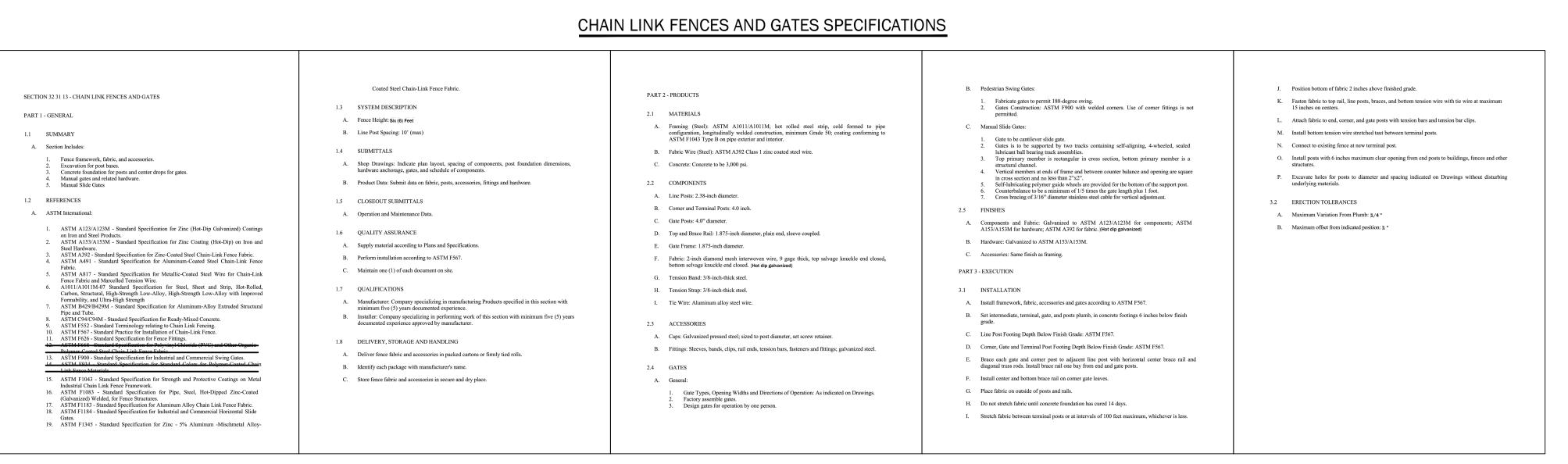


2 - GRAVEL ACCESS PATH / STORAGE SHED PAD DETAIL SCALE: NTS

95% STANDARD PROCTOR.



5 - PHOTO ILLUSTRATION - 26' WIDE S-SERIES GALVANIZED STEEL TUBULAR BARRIER DOUBLE GATE SCALE: NTS

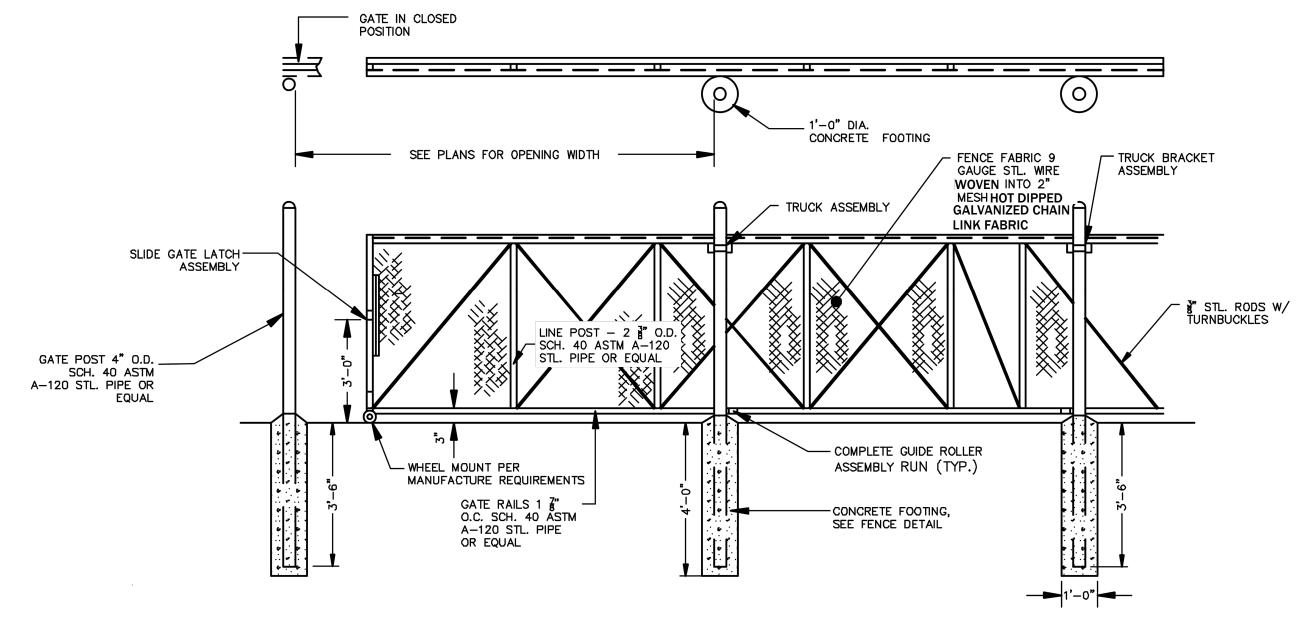


**NO BARBED WIRE** - FENCE FABRIC 9 GAUGE STL. WIRE WOVEN INTO 2" MESH HOT DIPPED GALVANIZED CHAIN LINK FABRIC NO BARBED WIRE

3 STRAND BARDED WIRE
SEGURITY FENGING

GATE POST 4" O.D. —
SCH. 40 ASTM
A-120 STL PIPE LINE RAILS 18" O.D. —
SCH. 40 ASTM A—120
— CORNER POST STL. PIPE OR EQUAL
4" O.D. SCH. 40
ASTM A—120 STL.
PIPE OF EQUAL CORNER POST 4" O.D. SCH. 40 LINE RAILS 18" O.D.
SCH. 40 ASTM A-120
STL. PIPE OR EQUAL ASTM A-120 STL. PIPE OF EQUAL LINE POST - 28" O.D. SCH. 40, ASTM A-120 STL. PIPE OR EQUAL 9 GAUGE HOT DIP GALVANIZED CHAIN LINK FABRIC FOR PADLOCKS CONCRETE -(4 SACK MIX) O.C. SCH. 40 ASTM A-120 STL. PIPE OR EQUAL W/ TURNBUCKLES └ CONCRETE (4 SACK MIX) NOTE:
1. ALL STEEL MATERIALS, FABRIC, PIPE, AND FITTINGS TO BE HOT DIP

 INTERMEDIATE RAILS NOM. 1-5/8" DIA. EQUALLY SPACED SO THAT NO UNSUPPORTED FABRIC PANEL AREA EXCEEDS 50 SQ. FT. 4 - CHAIN LINK FENCE AND PEDESTRIAN GATE DETAIL SCALE: NTS



4 - MANUAL CHAIN LINK SLIDE GATE DETAIL

WARNING:

Alteration of this document is in violation of

Part 2, of the New York State Education Law

# **ISSUED FOR BID**

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# PENN DIXIE FOSSIL PARK PARK ACCESS SITE

JEFFREY BOULEVARD SBL NO. 159.12-2-2.112 TOWN OF HAMBURG, NEW YORK

PHASE 2 SITE IMPROVEMENT DETAILS & **SPECIFICATIONS** 

Date: FEBRUARY 27, 2025 Designed By: TML Drawn By: TML Scale: AS NOTED the law excepting as provided in Section 7209, PCE Project No.: 2105

1.1 RELATED DOCUMENTS

A. Section Includes:

1.2 SUMMARY

A. Drawings and general provisions of the Contract, including any General and Supplementary

Conditions and Division 01 Specification Sections, apply to this Section.

Nonsag gunnable joint sealants. L. Self-leveling pourable joint sealants. 3. Joint backings and accessories.

A. Product List: For each product indicated. A. Products: Subject to compliance with requirements, provide products by the manufacturer 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience. 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated. B. Colors: As indicated on Drawings. A. Maximum Moisture Content of Substrates: 12 percent when measured with an electronic B. Verify suitability of substrates, including surface conditions and compatibility with existing C. Proceed with coating application only after unsatisfactory conditions have been corrected. 1. Application of coating indicates acceptance of surfaces and conditions. A. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates indicated. B. Cover and protect all carpeting, moveable partitions, light fixtures, sprinkler heads, fire alarm devices, ducts, windows, radiator covers and other surfaces not to be painted. C. Paint out all surface mounted conduit, junction boxes and sprinkler piping. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any. D. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants. 1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated. 2. Lightly sand previously painted surfaces and wipe down to remove dust and impurities. A. Apply paints according to manufacturer's written instructions and to recommendations in B. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines C. Interior drywall and concrete surfaces opaque: 1. One coat acrylic primer 2. Two coats acrylic eggshell finish. 3.4 CLEANING AND PROTECTION A. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition. B. At completion of construction activities of other trades, touch up and restore damaged or

INTERIOR PAINTING

1.1 ACTION SUBMITTALS

1. Benjamin Moore

A. Material Compatibility:

PART 1 - GENERAL

PART 2 - PRODUCTS

listed below.

2.2 PAINT, GENERAL

PART 3 - EXECUTION

finishes and primers

3.1 EXAMINATION

3.2 PREPARATION

3.3 APPLICATION

and color breaks.

2.1 MANUFACTURER

**General New Construction Notes Architectural Symbols** A. ALL WORK SHALL MEET THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK CONCRETE STATE, INCLUDING ALL REFERENCE DOCUMENTS, THE 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE, THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE AND ALL APPLICABLE MUNICIPAL REQUIREMENTS. THESE PLANS HAVE TO THE BEST OF OUR KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT BEEN DESIGNED IN COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CODE AND VERIFIED WITH THE LATEST VERSION OF COMCHECK COMPLIANCE PROGRAM. B. SCOPE OF WORK IS CONSTRUCTION OF NEW OPEN AIR TIMBER FRAME PAVILION. AREA OF PAVILION TOTALS: 1,092SF. RIGID INSULATION C. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE MECHANICAL, ELECTRICAL AND PLUMBING DESIGNS BY THE INDIVIDUAL TRADES. REMOVE AND/OR REROUTE ANY MECHANICAL, ELECTRICAL OR PLUMBING FOUND IN WALLS TO BE REMOVED. COORDINATE ALL RE-ROUTING / TERMINATIONS WITH OWNER & ARCHITECT. ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADE WORK SHALL MEET ALL REQUIREMENTS OF THE NEW YORK STATE BUILDING CODES AND ALL APPLICABLE MUNICIPAL REQUIREMENTS. ALUMINUM D. ALL CONTRACTORS WORKING ON THE PROJECT SHALL BE LICENSED IN THE CITY / TOWN / VILLAGE AND IN GOOD STANDING WITH ALL APPLICABLE PERMITTING DEPARTMENTS, MASONRY - CMU OFFICES, OR GOVERNING BODY. THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH THE REQUIREMENTS OF LOCAL AUTHORITIES. THE PROJECT MAY INVOLVE PHASING OF CONSTRUCTION WORK SO AS NOT TO DISRUPT ACTIVITIES AROUND THE CONSTRUCTION SITE. THE CONTRACTOR IS TO FAMILIARIZE HERSELF WITH MASONRY - BRICK THESE REQUIREMENTS AND THOSE FOR OPERATING AROUND THE PREMISES OF THE COMPACTED FILL E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL DESIGN AND INSTALL ADEQUATE SHORING AND BRACING FOR STRUCTURAL OR REMOVAL PLYWOOD F. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY OF ANY ENCOUNTER WITH SUSPECTED HAZARDOUS MATERIALS. DO NOT REMOVE EXISTING TILE (SECTION) HAZARDOUS MATERIAL. G. OWNER IS RESPONSIBLE FOR ANY ZONING ISSUES. **WOOD TRIM** H. IT IS ASSUMED THAT THE SOIL BEARING LEVEL HAS A RESISTIVE CAPACITY OF 1,500 PSF LOAD BEARING PRESSURE. THE LOWEST ALLOWED IN-LIEU OF FULL GEOTECHNICAL REPORT. IF ADVERSE CONDITIONS ARE ENCOUNTERED AT THE TIME OF EXCAVATION, A INSULATION GEOTECHNICAL ENGINEER MUST PERFORM SOIL TESTING AS REQUIRED TO VERIFY THE ACTUAL SOIL BEARING CAPACITY IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE COMPENSATION AS AGREED UPON FOR ANY REQUIRED TESTS. WOOD (CONTINUOUS) I. THE ARCHITECT RECOMMENDS THE OWNER HAVE A GEOTECHNICAL SURVEY DONE TO ASSURE HER / HIMSELF THAT THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED WOOD (DISCONTINUOUS) Site Location **Drawings Legend** ELEVATION ELEVATION MARK SHEET NUMBER 4050 NORTH STREET REFERENCE LABEL BLASDELL, NY 14219 SECTION NUMBER SHEET NUMBER REFERENCE LABEL DETAIL NUMBER -DETAIL MARK **Drawing List ROOM TAG** NUMBER AREA 150 SF A-001 General Notes, Legends & Drawing List A-101 Floor Plan, Notes, Schedules & Wall Types COLUMN GRID A-102 Roof Plan & Details and mark A-201 Exterior Elevations DRAWING NOTE A-301 Building Section, Exterior Elevation & Detail A-302 Building Section DEMOLITION NOTE C-100 Site Plan DOOR TAG WINDOW TAG WALL TYPE TAG DIRECTION NORTH ARROW REVISION CLOUD and mark ELEVATION MARK

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**NEW CONSTRUCTION** 

EXISTING CONSTRUCTION

DEMOLITION OR REMOVALS

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BUILDING IF ANY E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL design and install adequate shoring and bracing for structural or removal

C. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE MECHANICAL, ELECTRICAL AND PLUMBING DESIGNS BY THE INDIVIDUAL TRADES. REMOVE AND/OR REROUTE ANY MECHANICAL, ELECTRICAL OR PLUMBING FOUND IN WALLS TO BE

ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADE WORK SHALL MEET ALL

REQUIREMENTS OF THE NEW YORK STATE BUILDING CODES AND ALL APPLICABLE

REMOVED. COORDINATE ALL RE-ROUTING / TERMINATIONS WITH OWNER & ARCHITECT.

D. ALL CONTRACTORS WORKING ON THE PROJECT SHALL BE LICENSED IN THE CITY / TOWN / VILLAGE AND IN GOOD STANDING WITH ALL APPLICABLE PERMITTING DEPARTMENTS, OFFICES, OR GOVERNING BODY. THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH THE REQUIREMENTS OF LOCAL AUTHORITIES. THE PROJECT MAY INVOLVE PHASING OF CONSTRUCTION WORK SO AS NOT TO DISRUPT ACTIVITIES AROUND THE CONSTRUCTION SITE. THE CONTRACTOR IS TO FAMILIARIZE HERSELF WITH THESE REQUIREMENTS AND THOSE FOR OPERATING AROUND THE PREMISES OF THE

F. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY OF ANY ENCOUNTER WITH SUSPECTED HAZARDOUS MATERIALS. DO NOT REMOVE EXISTING hazardous material.

G. OWNER IS RESPONSIBLE FOR ANY ZONING ISSUES.

H. IT IS ASSUMED THAT THE SOIL BEARING LEVEL HAS A RESISTIVE CAPACITY OF 1,500 PSF LOAD BEARING PRESSURE. THE LOWEST ALLOWED IN-LIEU OF FULL GEOTECHNICAL REPORT. IF ADVERSE CONDITIONS ARE ENCOUNTERED AT THE TIME OF EXCAVATION, A GEOTECHNICAL ENGINEER MUST PERFORM SOIL TESTING AS REQUIRED TO VERIFY THE ACTUAL SOIL BEARING CAPACITY IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE COMPENSATION AS AGREED UPON FOR ANY REQUIRED TESTS.

I. THE ARCHITECT RECOMMENDS THE OWNER HAVE A GEOTECHNICAL SURVEY DONE TO ASSURE HER / HIMSELF THAT THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED

### **Construction Notes**

MUNICIPAL REQUIREMENTS.

1 LINE OF STRUCRUAL MEMBER ABOVE - SIZE AS NOTED ON PLAN - REFER TO DETAILS. 6x6 PT WOOD POST - REFER TO FRAMING DETAILS - TYP OF (16)

3 4" CAST IN PLACE CONCRETE SLAB WITH 6x6 - W1.4xW1.4 WELDED WIRE AT TOP 1/3 OF SLAB - THICKEN TO 12" AT PERIMETER - REFER TO DETAILS.

4 1" DIA. DIAGONAL METAL WIND BRACE BETWEEN POSTS.

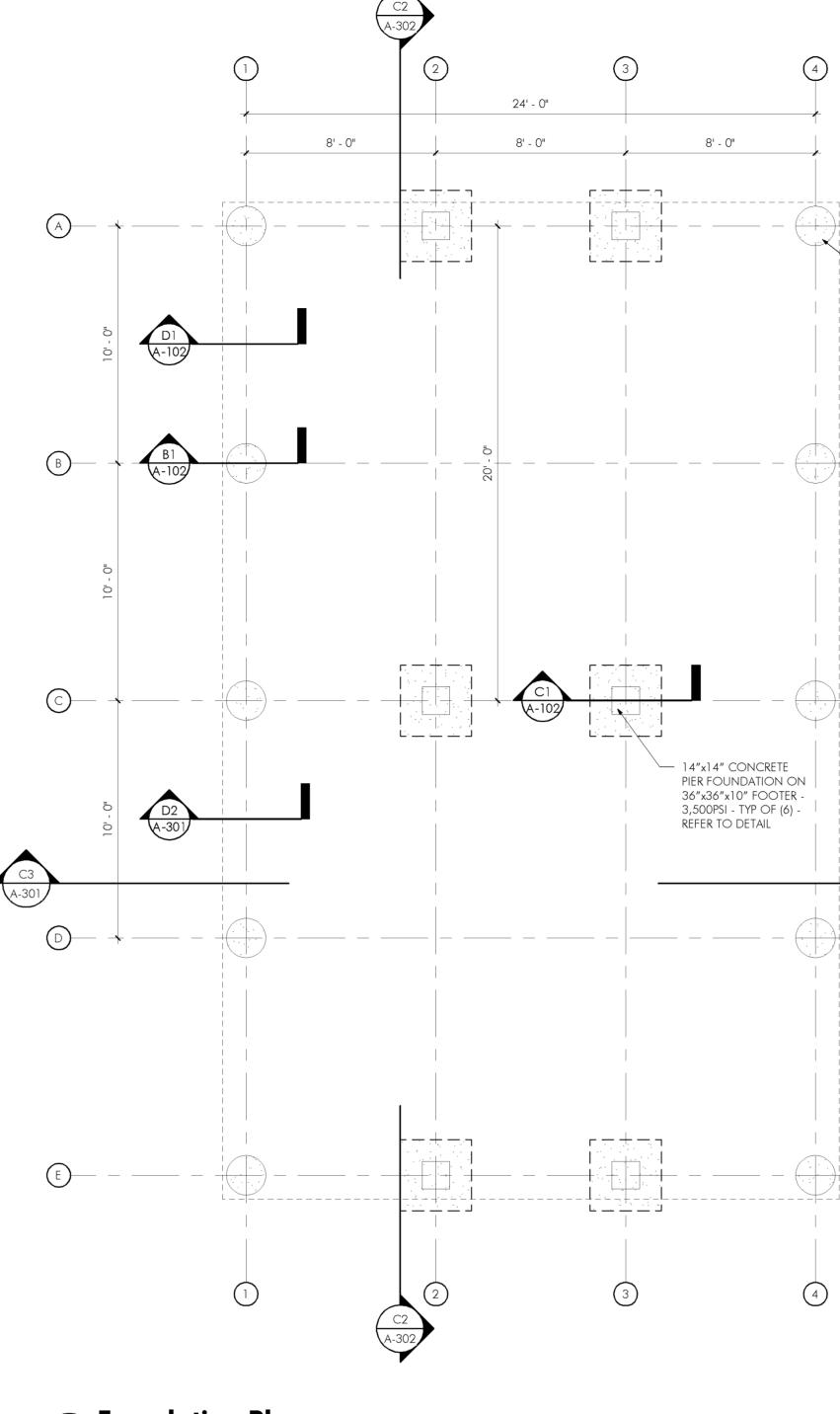
5 LINE OF ROOF ABOVE - REFER TO ROOF PLAN.

6 OPTIONAL WINDSCREEN WALL AT OWNERS DIRECTION - 2x6" PT WOOD STUDS WITH 1x6 HORIZONTAL RED CEDAR SIDING

7 PROVIDE GROUNDING ROD WITH 2'-0" MIN. EMBEDMENT INTO EARTH - WIRED DIRECTLY TO ROOF MOUNTED LIGHTING ROD PER NYS ELECTRICAL CODE. 8 1" DIA. DIAGONAL METAL WIND BRACE BETWEEN BEAM ABOVE

# **Finish Notes**

A. ALL FINAL FINISH SELECTIONS SHALL BE COORDINATED WITH THE WISHES OF THE OWNER. WOOD TRIM TO BE PRESSURE TREATED. ALL MANUFACTURER'S INSTALLATION



Á-201 B2

### **General Structural Notes**

# GENERAL STRUCTURAL NOTES

1. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE 2020 BUILDING CODE OF NYS. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AS A COMPLETE UNIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, AND SEQUENCES OF ALL PHASES OF CONSTRUCTION AND DEMOLITION INCLUDING TEMPORARY SHORING, BRACING, COLD AND HOT-WEATHER PROTECTION, AND FOUNDATION UNDERPINNING. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND STANDARDS THAT PERTAIN TO MEANS, METHODS. AND SEQUENCES OF CONSTRUCTION.

2. THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION AND COORDINATED WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE SUCH REQUIREMENTS INTO THEIR WORK.

- 3. DETAILS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO THOSE SHOWN FOR THE MOST NEARLY SIMILAR CONDITION AS DETERMINED BY THE ARCHITECT OR ENGINEER. 4. CONTRACTOR TO COORDINATE ALL OPENINGS, EQUIPMENT LOCATIONS, AND INSERTS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE TRADES THAT REQUIRE THEM. PENETRATIONS THROUGH STRUCTURAL MEMBERS ARE NOT PERMITTED EXCEPT AS DETAILED.
- 5. SHOP DRAWINGS PREPARED BY SUPPLIERS AND SUBCONTRACTORS SHALL BE REVIEWED and signed and stamped by the contractor prior to submission to the ARCHITECT AND ENGINEER. REPRODUCTIONS OF THE STRUCTURAL DRAWINGS SHALL NOT BE USED FOR THE PREPARATION OF SHOP DRAWINGS. MANUFACTURED COMPONENTS SHALL BE SIGNED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER PRIOR TO SUBMISSION.

### SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS SHALL CONFORM TO THE LATEST CODE 2. SPECIAL INSPECTIONS AND TESTING REQUIREMENTS INDICATED IN THIS SECTION ARE THE OWNER'S RESPONSIBILITY, OWNER WILL ENGAGE QUALIFIED SPECIAL INSPECTORS AND TESTING AGENCIES TO PERFORM THESE SERVICES.

# DESIGN LOADS

26' - 0"

24' - 0"

8' - 0"

8' - 0"

8' - 0"

 LIVE LOAD: ROOF LL = 20 PSFGROUND FLOOR = 100 PSF

2. SNOW LOADS:

Ct = 1.23. WIND LOADS:

lw = 1.0EXPOSURE = B

SEISMIC USE GROUP "II" - SEISMIC DESIGN CATEGORY "B" SDS = 0.222gSD1 = 0.096gSITE CLASS "D"

> BASIC SEISMIC FORCE RESISTING SYSTEM = STEEL FRAMES R=3.0 DESIGN BASE SHEAR < 1K NEW WORK ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

### FOUNDATIONS

1. SOIL BEARING SURFACES SHALL BE DRY AND FREE FROM FROST OR LOOSE MATERIAL. EXISTING SOIL TO BE REMOVED AND REPLACED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. ALL SOIL BEARING SURFACES AND BACKFILL SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER OR OTHER APPROVED

TESTING AGENT. 2. CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING BELOW GRADE UTILITIES PRIOR TO CONSTRUCTION.

3. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION AS REQUIRED FOR FOUNDATIONS EXPOSED TO WATER OR FREEZING.

4. ALL FILL PLACED UNDER AND AROUND FOOTINGS, SLABS, AND FOUNDATION WALLS SHALL BE GRANULAR MATERIAL SIMILAR TO NYSDOT ITEM 304.12 TYPE 2 SUBBASE OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. EACH LIFT SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD. THE DEPTH AND EXTENT OF FILL PLACEMENT SHALL BE

AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. 5. ALL PIPING SLEEVES THROUGH FOUNDATION WALLS AND FOOTING STEPS TO ACCOMMODATE PIPING SHALL BE COORDINATED WITH THE PLUMBING CONTRACTOR/DRAWINGS.

### STRUCTURAL STEEL

D) ANCHOR RODS: A307

CONSTRUCTION.

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC CODE OF STANDARD PRACTICE.

2. STRUCTURAL STEEL GRADES (UNLESS NOTED OTHERWISE): A) STRUCTURAL STEEL (L-, C- PLATES): ASTM A36, fy = 36ksi B) STRUCTURAL TUBING: ASTM A500, fy=46ksi C) BOLTS: ASTM A325, PRETENSION (SC WHERE INDICATED)

E) WELDS: E70xx 3. WELDS NOT INDICATED FOR STEEL-TO-STEEL CONNECTIONS SHALL BE AN ALL AROUND FILLET WELD WITH A MINIMUM THROAT THICKNESS PER AISC AND AWS

4. ALL CONNECTIONS AND DETAILS NOT SPECIFICALLY INDICATED ON THE DRAWINGS ARE SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND ENGINEER. 5. SUBMIT SHOP DRAWINGS FOR STRUCTURAL STEEL FOR REVIEW PRIOR TO

# CONCRETE

MAXIMUM AGGREGATE SIZE

1. CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 318-02 AND ACI 301-05. 2. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE:

2.1. FOOTINGS 3,000psi, MAX. W/C RATIO = 0.452.2. PIERS, FND. WALLS 3,000 psl, MAX. W/C RATIO = 0.502.3. SLAB ON GRADE 3,000psi, MAX. W/C RATIO = 0.50

LEVELING GROUT SHALL BE NON-SHRINK CONFORMING TO ASTM C1107 WITH A MINIMUM 2-DAY STRENGTH OF 5,000psi 4. ALL CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE ENTRAINED AIR AS FOLLOWS:

**AIR CONTENT** 

4% TO 6.5% 1.5 in. 4% TO 7% 4.5% TO 7% 0.75 in. 4.5% TO 7%

REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO A5TM A185, AND SHALL BE SUPPLIED IN SHEETS ONLY. THE WELDING OF REINFORCING BARS SHALL CONFORM TO ASTM A706 AND AWS D1.4.

6. THE CONTRACTOR SHALL FABRICATE ALL REINFORCEMENT AND FURNISH ALL ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE THE REINFORCEMENT PRIOR TO POURING CONCRETE. 7. CLEAR COVER TO REINFORCING SHALL BE AS FOLLOWS UNLESS SHOWN OTHERWISE

7.1. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3" 7.2. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER: #6 AND LARGER - 2" #5 AND SMALLER - 1 1/2

7.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER; SLABS, WALLS - 3/4" ALL OTHER 1

8. LAP SPLICES SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 FOR CLASS "B" TENSION LAP SPLICES, UNLESS NOTED OTHERWISE. 9. HOOKS AND BENDS IN REINFORCING BARS SHALL CONFORM TO ACI 318 UNLESS SHOWN

OTHERWISE ON THE DRAWINGS. 10. UNLESS SHOWN OTHERWISE, DOWELS INTO FOUNDATION ELEMENTS SHALL HAVE A

STANDARD 90 DEGREE HOOK AND SHALL BE THE SAME SIZE AND QUANTITY PROVIDED IN PIERS AND WALLS ABOVE THE FOUNDATION. 11. SUBMIT SHOP DRAWINGS FOR REINFORCING STEEL AND CONCRETE MIX DESIGNS TO THE ARCHITECT FOR REVIEW BEFORE CONSTRUCTION.

### SOLID SAWN & LAMINATED LUMBER

CONSTRUCTION.

20" DIA. CONCRETE PIER

LINE OF CAST IN PLACE

CONCRETE SLAB ABOVE

FOUNDATION - 3,500 PSI -

TYP. OF (10) - REFER TO DETAIL

(REFERENCE STANDARD: AF & PA 2005-NATIONAL DESIGN SPECIFICATIONS)

1. ALL LUMBER SHALL BE VISUALLY GRADED, DIMENSION LUMBER, SEASONED AND WITH 19% MAX. MOISTURE CONTENT, U.N.O., AND IN ACCORDANCE WITH THE FOLLOWING MINIMUM GRADE & MATERIAL PROPERTIES REQUIREMENTS:

STUDS DF, HF, SPF NO. 2 OR BETTER DF, HF, SPF NO. 2 OR BETTER DF, HF, SPF NO. 2 OR BETTER BEAMS (2"-4" THICK) POSTS DF, HF, SPF NO. 2 OR BETTER PLATE STOCK DF, HF, SPF NO. 2 OR BETTER Fb = 900psi, Fcll = 1350psi, Fcperp = 625psi, fV = 180psi,

Ft = 575 psi, e = 1,600,00 psi eMIN = 580,00 psi2. Grades shall be determined in accordance with spib grading rules agency. 3. BRACE STUD WALL UNTIL ALL WOOD DECKING, ROOF TRUSSES, AND SHEAR PANELS ARE IN PLACE.

4. USE WATER-BORNE PRESSURE TREATED WOOD (CBA-A, ACQ-C, ACQ-D, CA-B, SBX-DOT) FOR ALL LUMBER EXPOSED TO WEATHER OR POOL MOISTURE AND SILL PLATES IN CONTACT WITH MASONRY OR CONCRETE. IN ADDITION, FOR LUMBER EXPOSED TO WEATHER, A POLYMER SEALER/BINDER IS ALSO RECOMMENDED.

NOTE: FOR WOOD WITH ACTUAL RETENTION LEVELS GREATER THAN 0.40 PCF FOR ACQ, 0.41 PCF FOR CBA-A OR 0.21 FOR CA-B, STAINLESS STEEL CONNECTORS AND FASTENERS ARE RECOMMENCED. VERIFY ACTUAL RETENTION LEVEL WITH THE WOOD SUPPLIER/TREATER. WHEN USING STAINLESS STEEL CONNECTORS, USE STAINLESS STEEL

5. AS A MINIMUM, ALL CONNECTORS EXPOSED TO WEATHER SHALL HAVE A G185

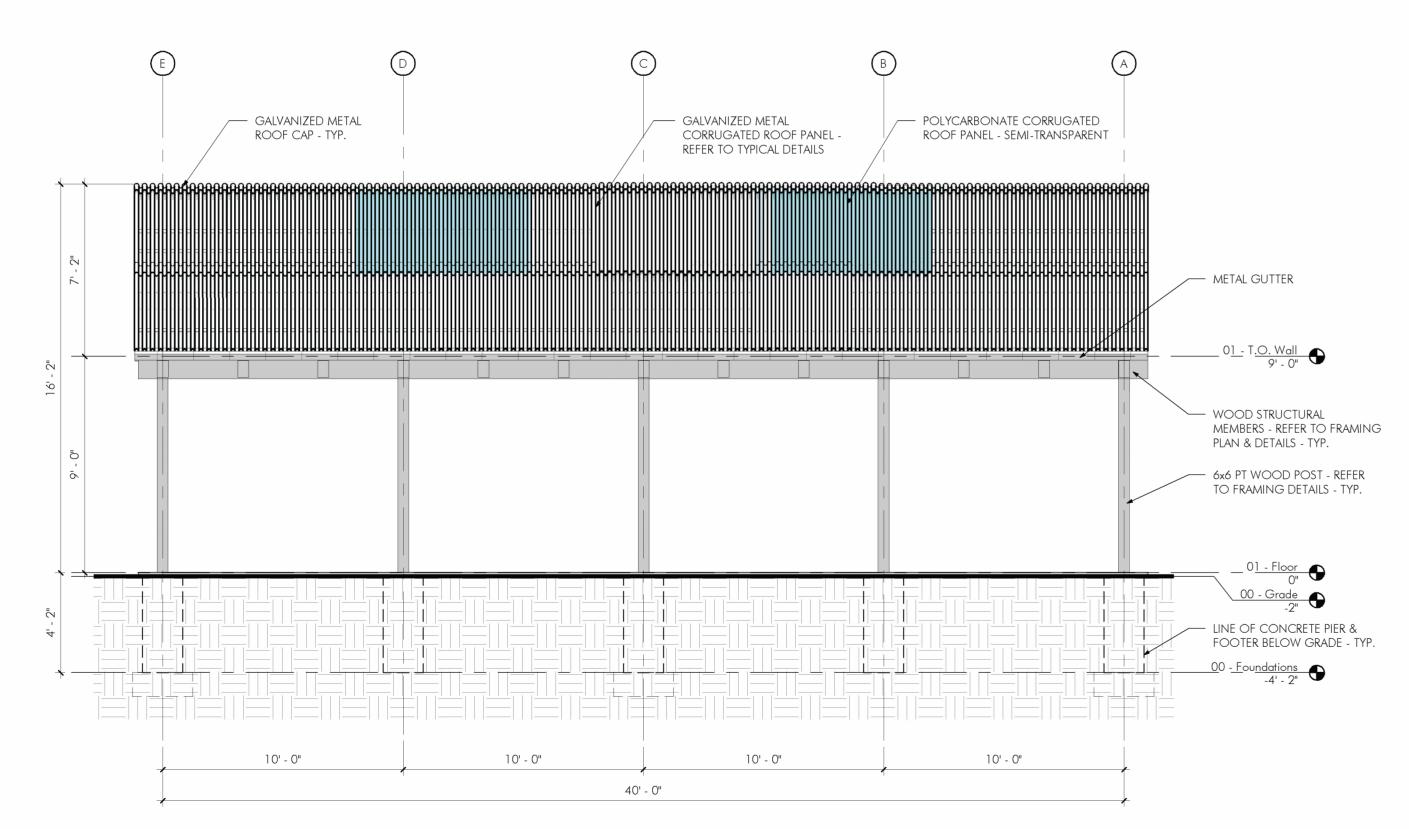
(SIMPSON ZMAX) GALVANIZED FINISH.

6. ALL LVL MEMBER SHALL BE (MIN): Fb = 2900psi, Fv = 285psi, E =

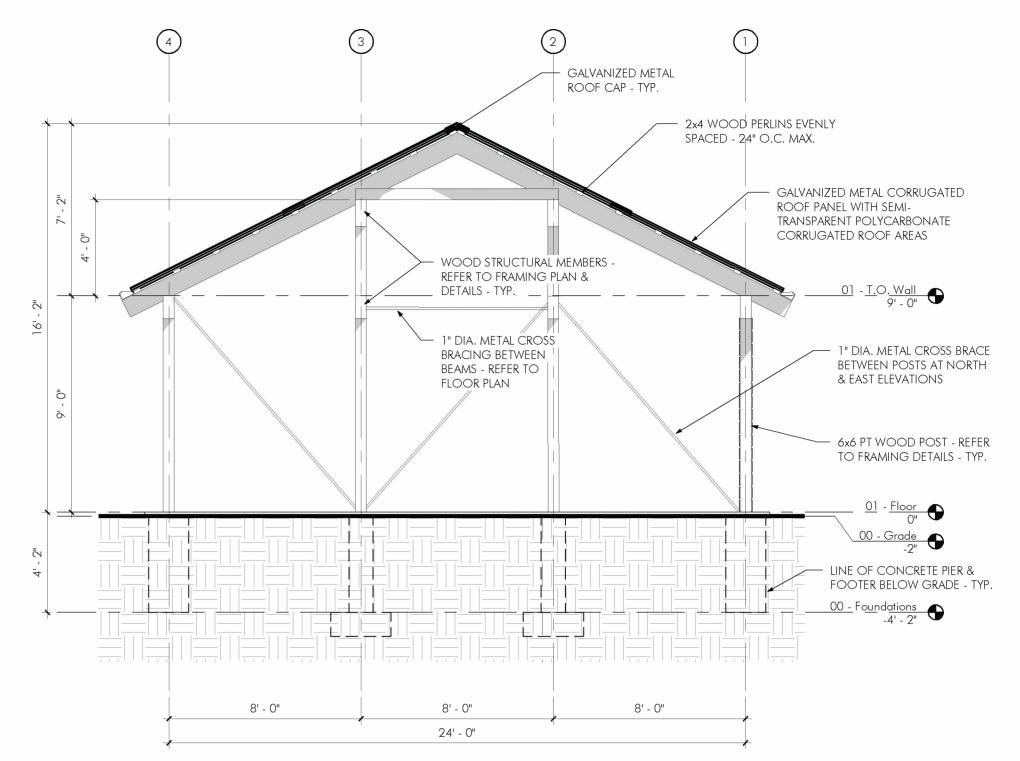
7. ALL NAILS ARE COMMON WIRE NAILS UNLESS NOTED OTHERWISE. SEE PLAN NOTES FOR MINIMUM COMMON WIRE NAIL SIZES. ANY CHANGE, MODIFICATION OR SUBSTITUTION MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO

e  $\Box$ 

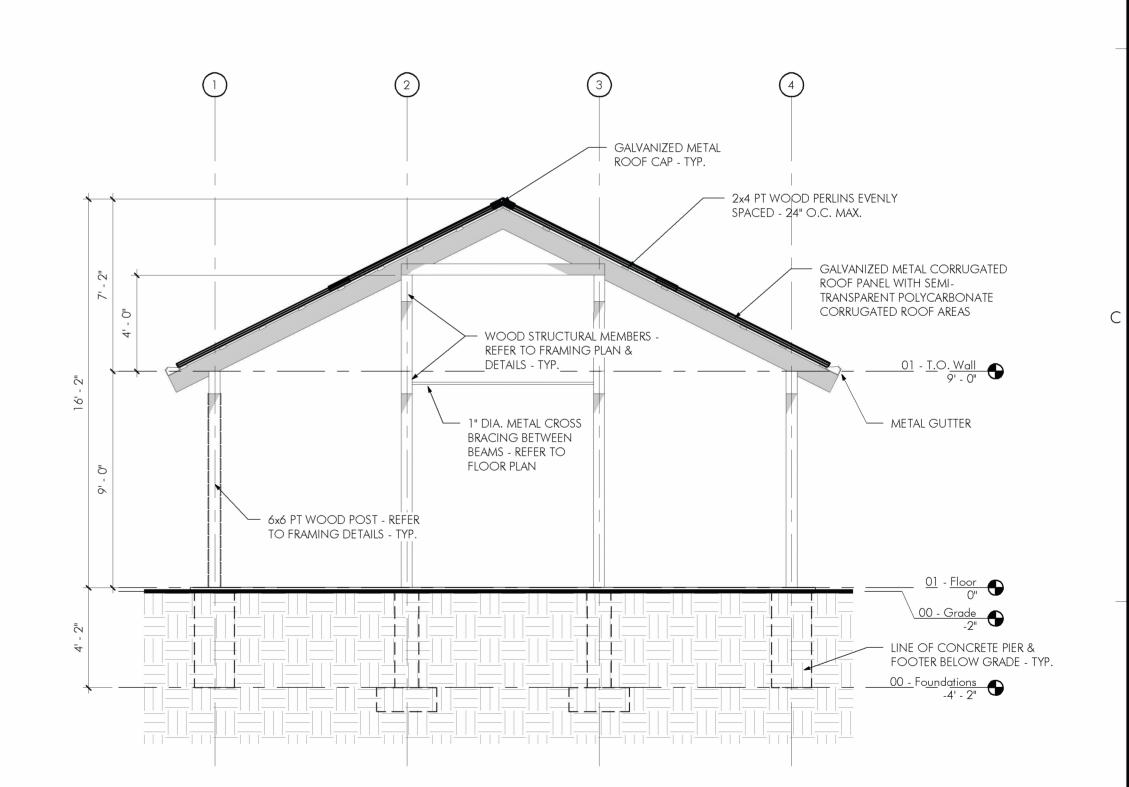














Exterior Elevations

Pavilion

Picnic

4.9.2025

Penn Dixie Fos Nature Reserve

A-20