



West Nipissing Ouest GOULARD PARK

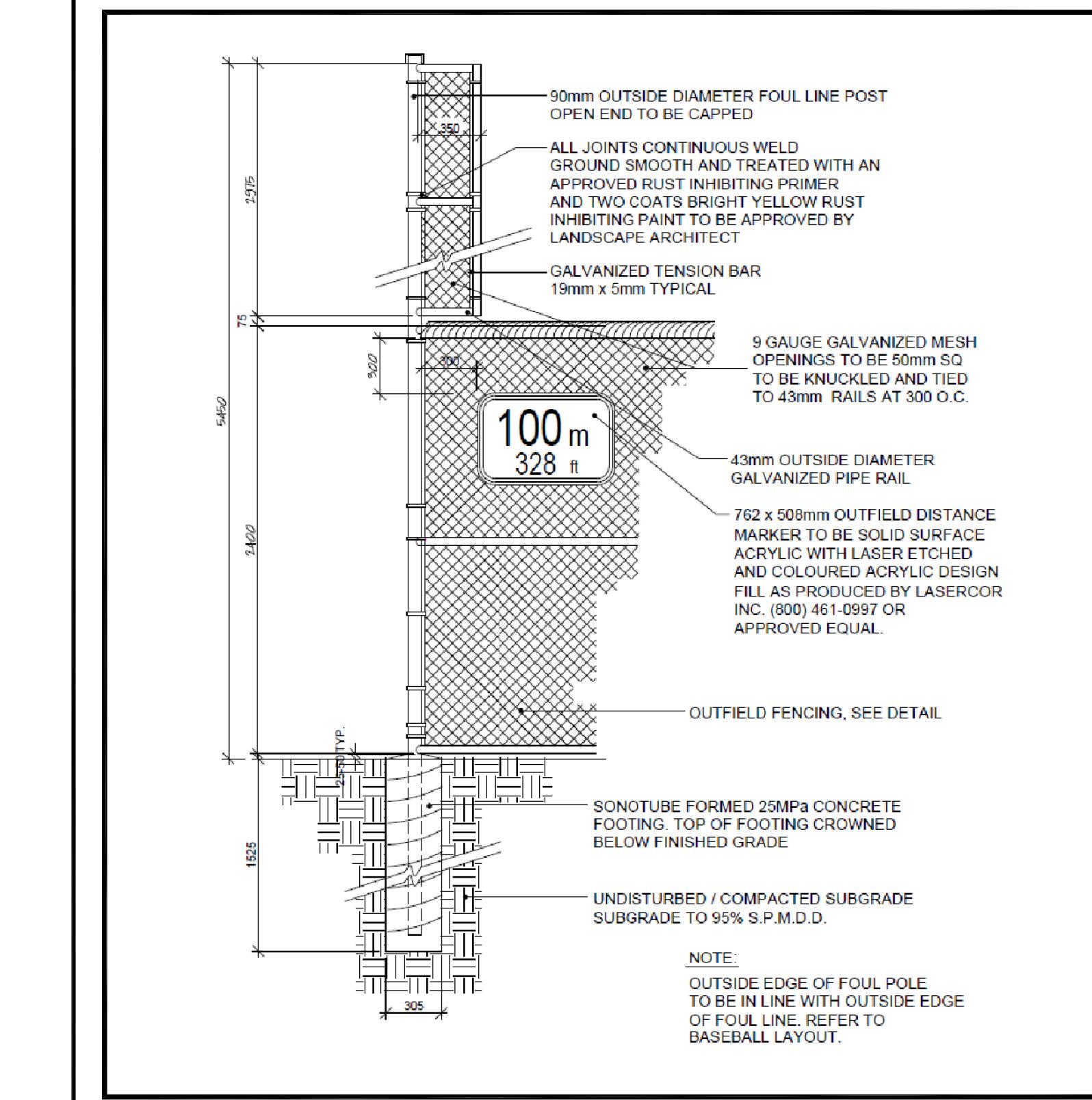
BASEBALL FIELD REDEVELOPMENT

STURGEON FALLS

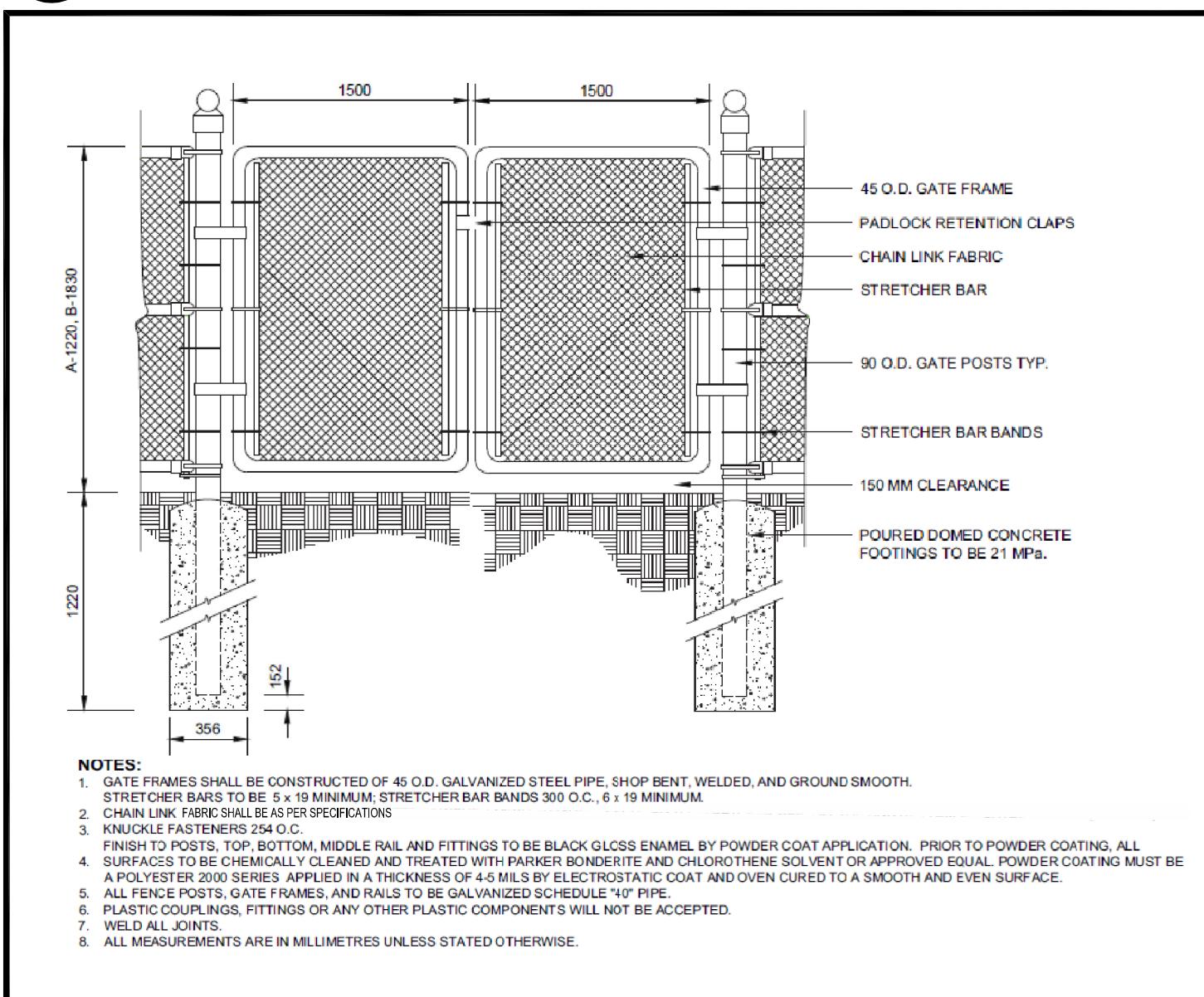
**#2026-014
(2521)**

JULY 31, 2025

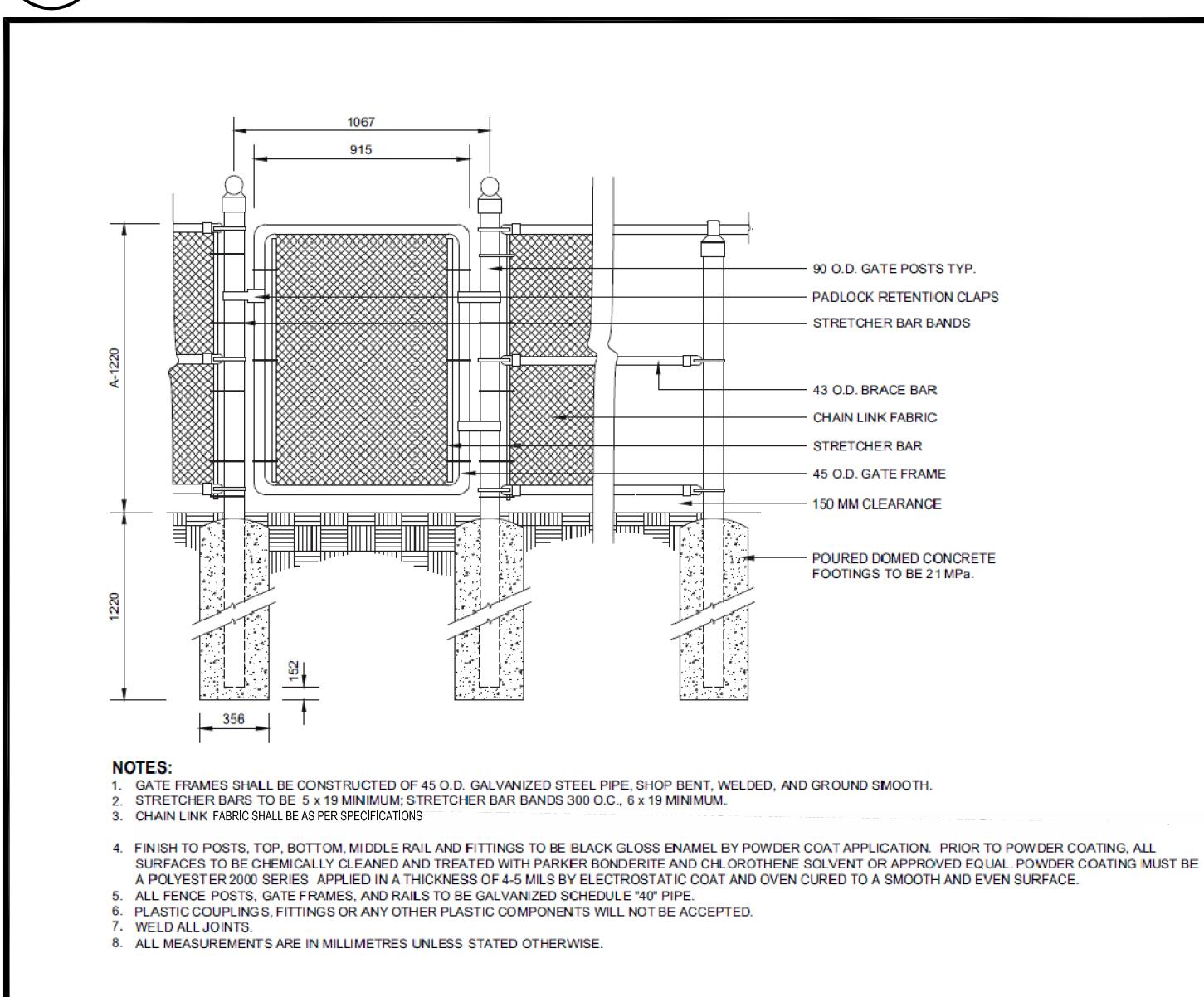
ISSUED FOR TENDER FEBRUARY 2, 2026



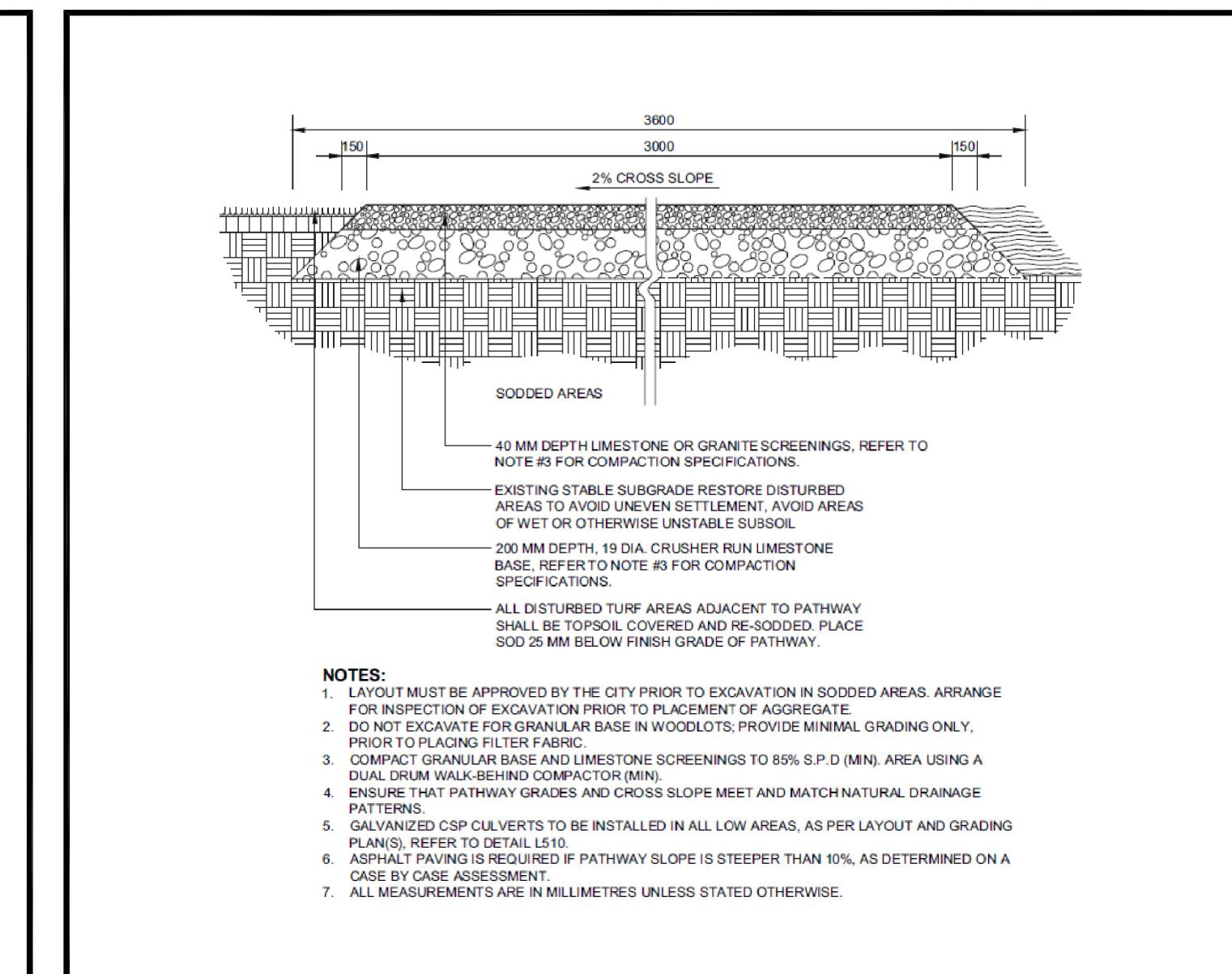
FOUL LINE POST DETAIL
6 A002 NTS



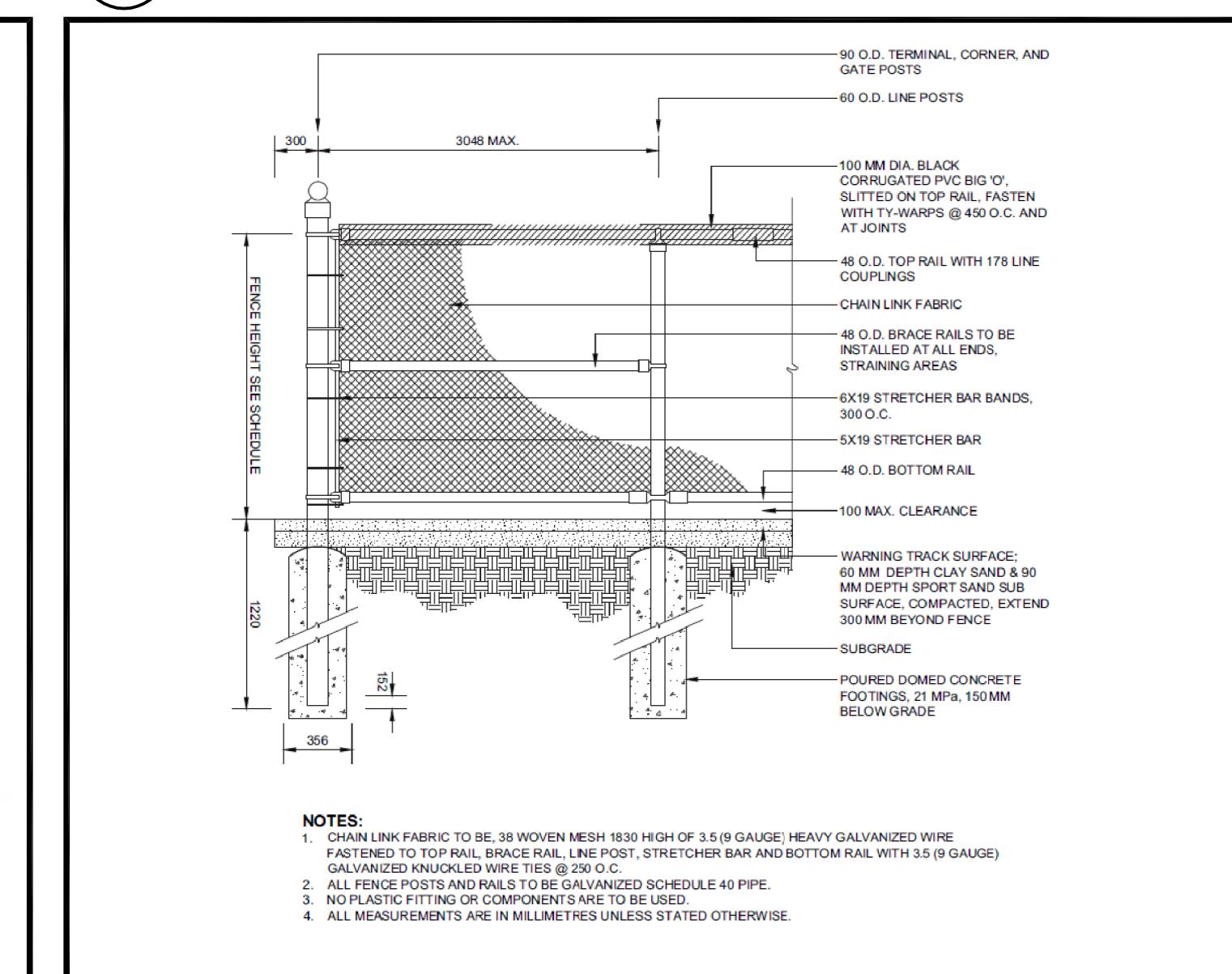
DOUBLE GATE DETAIL
4 A002 NTS



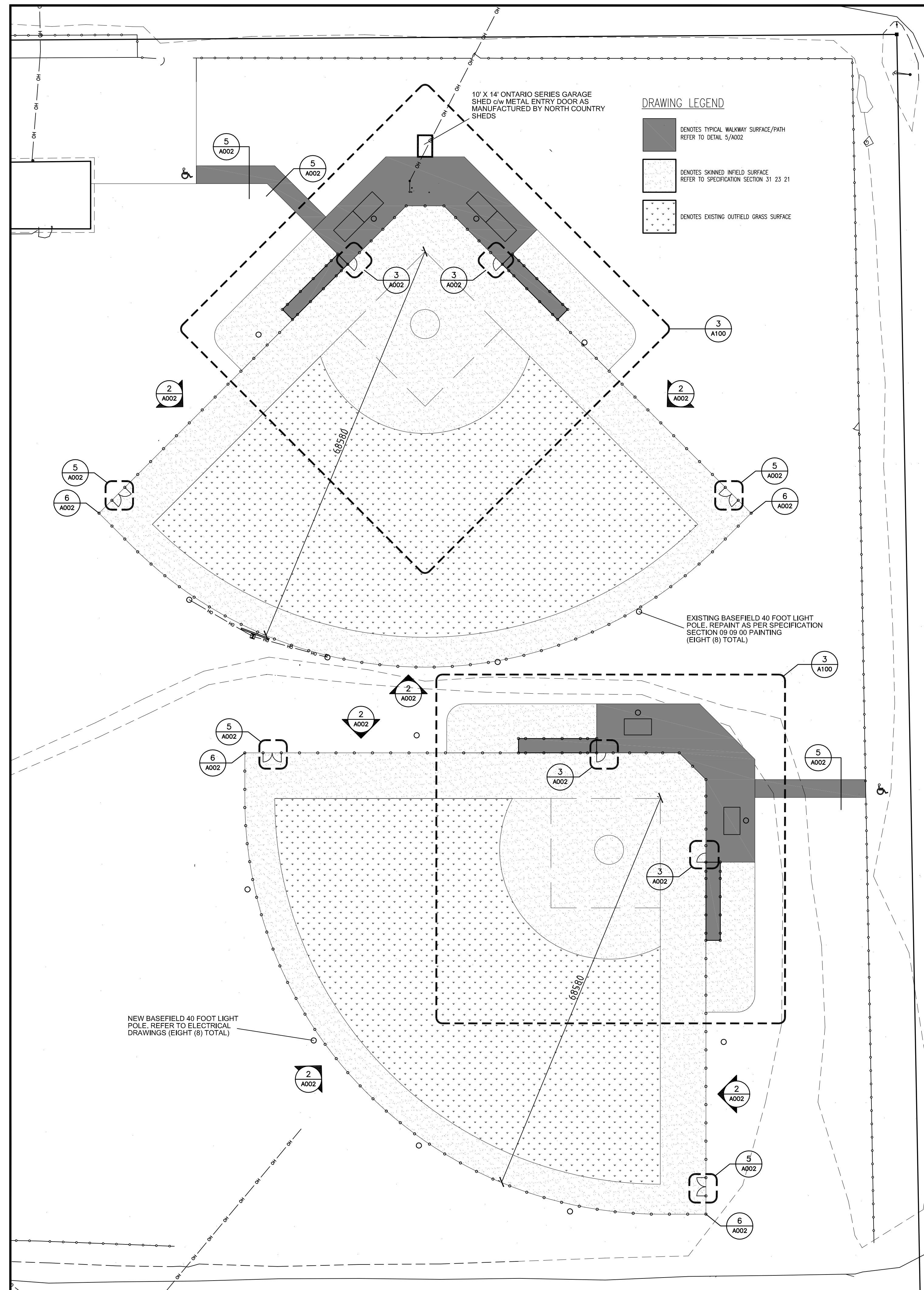
BASEBALL FIELD FENCE GATE DETAIL
3 A002 NTS

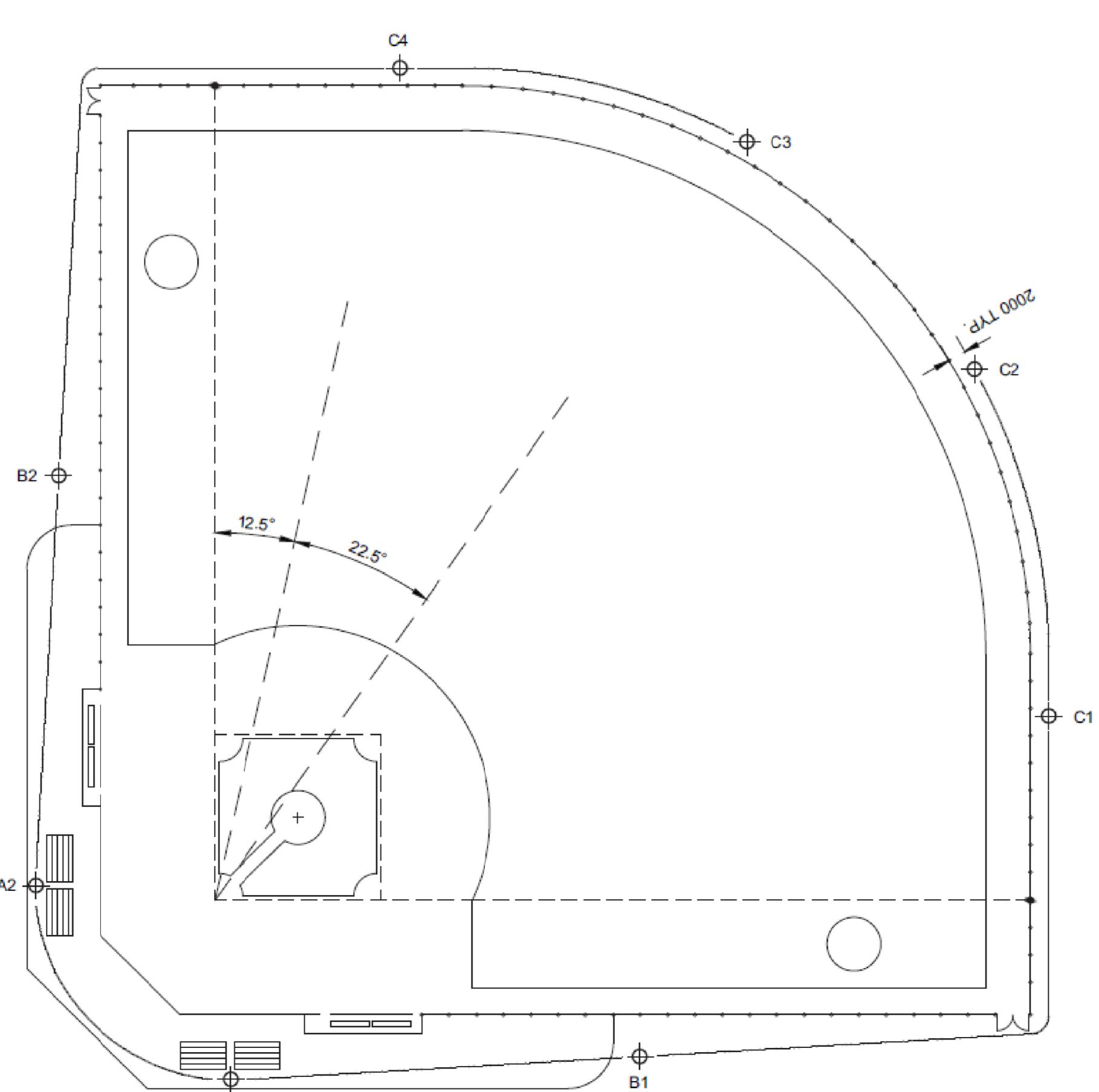


TYPICAL WALKWAY PATH SECTION
5 A002 NTS



BASEBALL FIELD FENCE DETAIL
2 A002 NTS

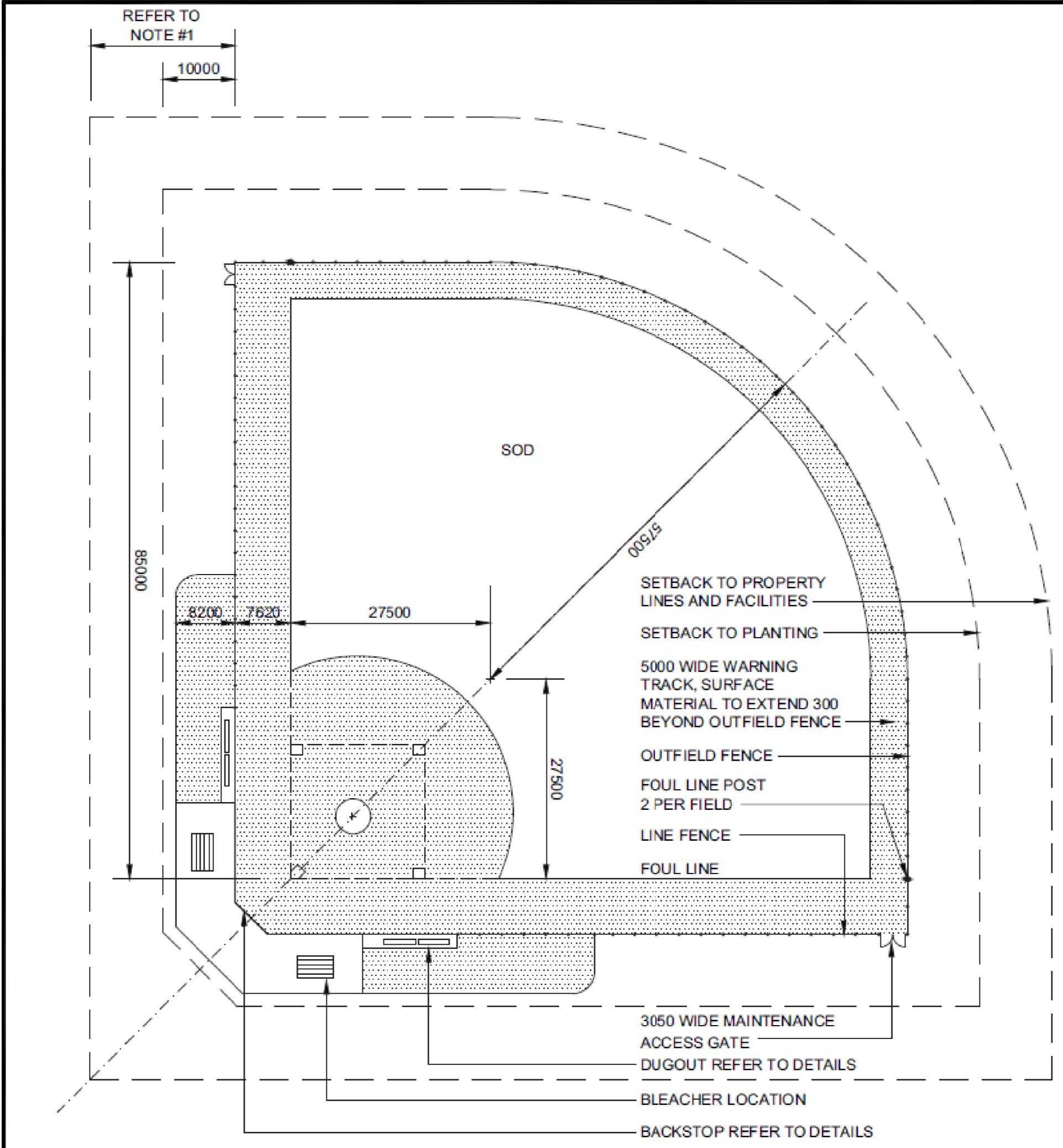




1 A100 NTS BASEBALL FIELD LIGHTING LAYOUT

NOTES:

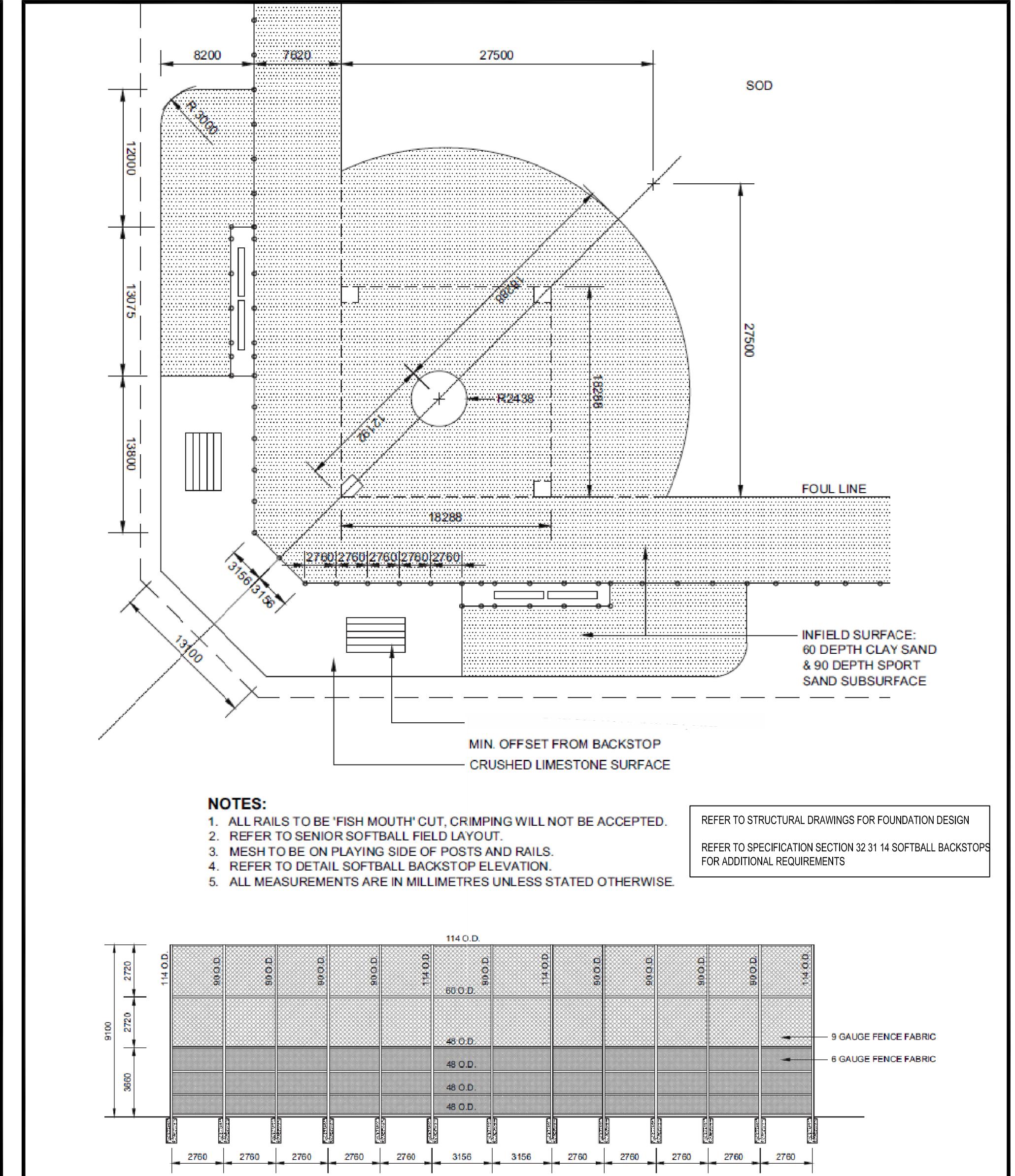
1. NO SWALES, BERMS OR PLANTING WITHIN 6000 OF POLES.
2. GRADE WITHIN 6000 OF POLES NOT TO EXCEED 5% SLOPE FOR VEHICULAR ACCESS.
3. FLOODLIGHTS ARE SHOWN FOR GENERAL INFORMATION ONLY. REFER TO DRAWINGS AND SPECIFICATIONS BY THE ELECTRICAL ENGINEER.
4. A1&2, B1&2, C1-4 FLOOD LIGHTS ON DIRECT BURIED CONCRETE POLES TYPICAL.
5. 2000 MIN. CLEARANCE BETWEEN CORNER POST AND BURIED CABLES TYPICAL.
6. REFER TO DETAIL L425 FOR BASEBALL FIELD LAYOUT.
7. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.



2 A100 BASEBALL FIELD LAYOUT NTS

NOTES:

1. 10000 MM SETBACK TO PLANTING; 20000 MM SETBACK TO PROPERTY LINES AND OTHER FACILITIES; 30000 MM SETBACK MINIMUM TO RESIDENTIAL PROPERTY LINES WHEN ILLUMINATED.
2. ALL RAILS TO BE 'FISH MOUTH' CUT, CRIMPING WILL NOT BE ACCEPTED.
3. MESH TO BE ON PLAYING SIDE OF POSTS AND RAILS.
4. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.



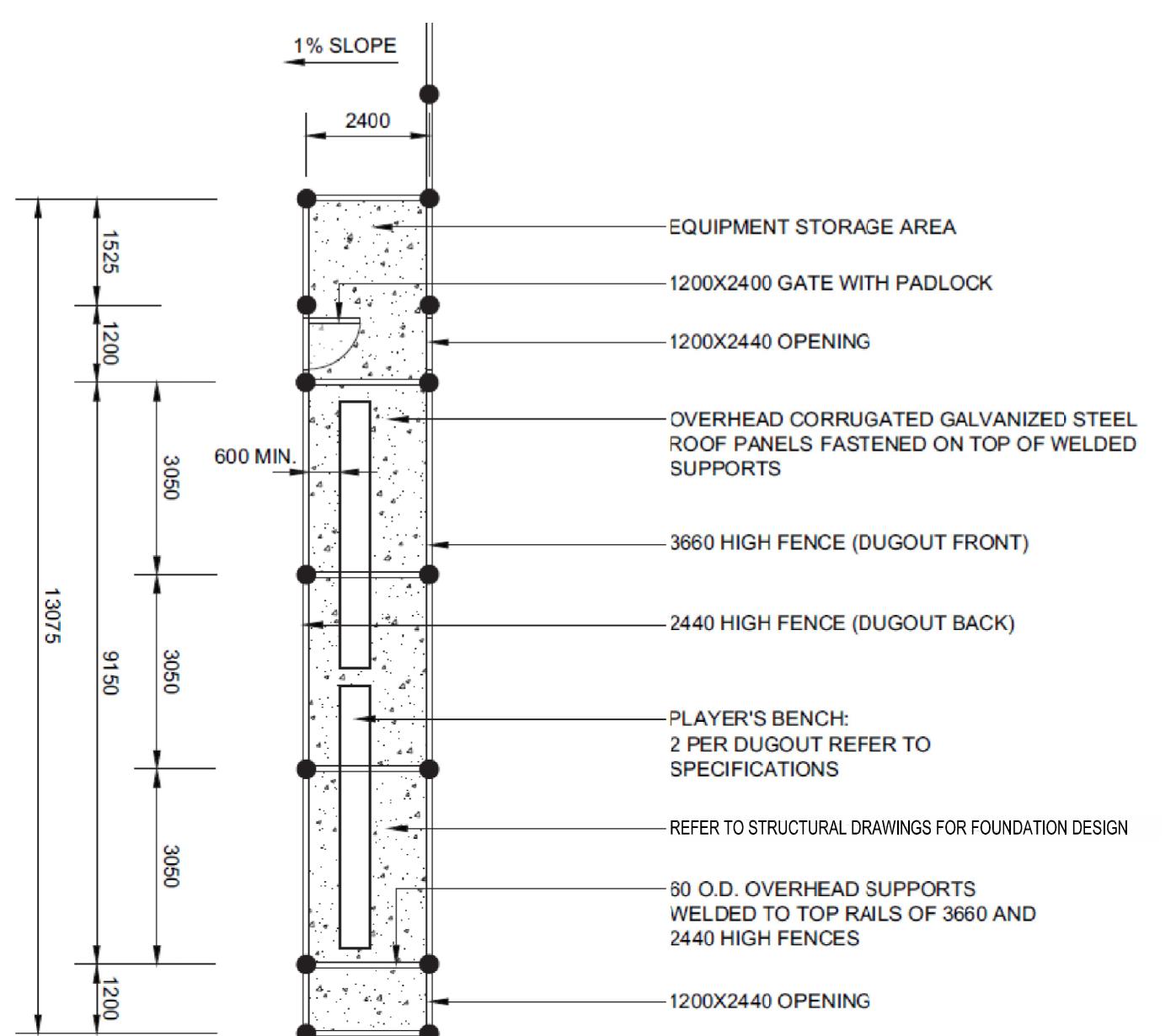
3 A100 BASEBALL INFIELD & BACKSTOP LAYOUT NTS

NOTES:

1. ALL RAILS TO BE 'FISH MOUTH' CUT, CRIMPING WILL NOT BE ACCEPTED.
2. REFER TO SENIOR SOFTBALL FIELD LAYOUT.
3. MESH TO BE ON PLAYING SIDE OF POSTS AND RAILS.
4. REFER TO DETAIL SOFTBALL BACKSTOP ELEVATION.
5. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION DESIGN
REFER TO SPECIFICATION SECTION 32 31 14 SOFTBALL BACKSTOPS
FOR ADDITIONAL REQUIREMENTS

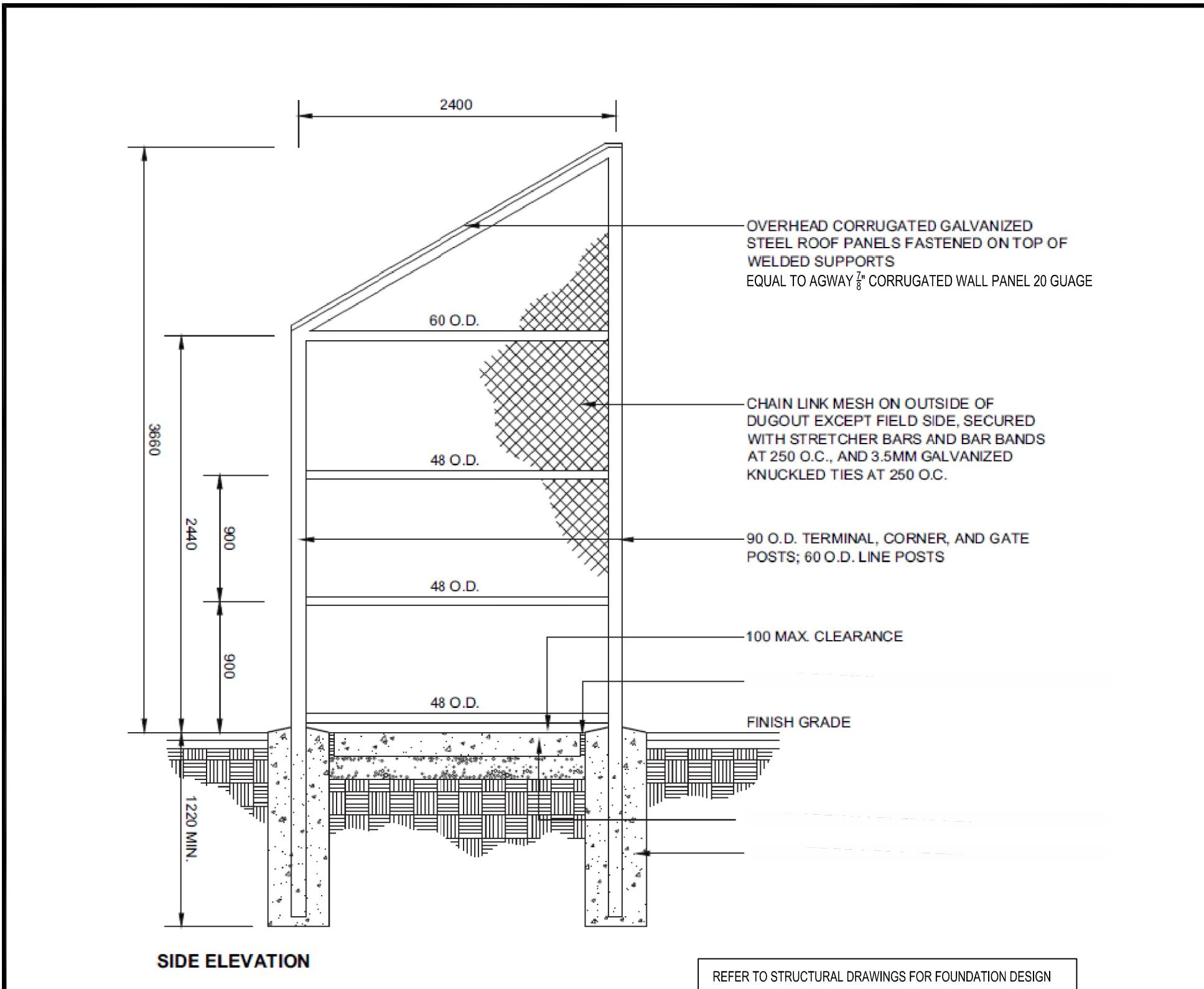
the Contractor shall verify all dimensions and report any inconsistencies to the Architect before proceeding with the work.



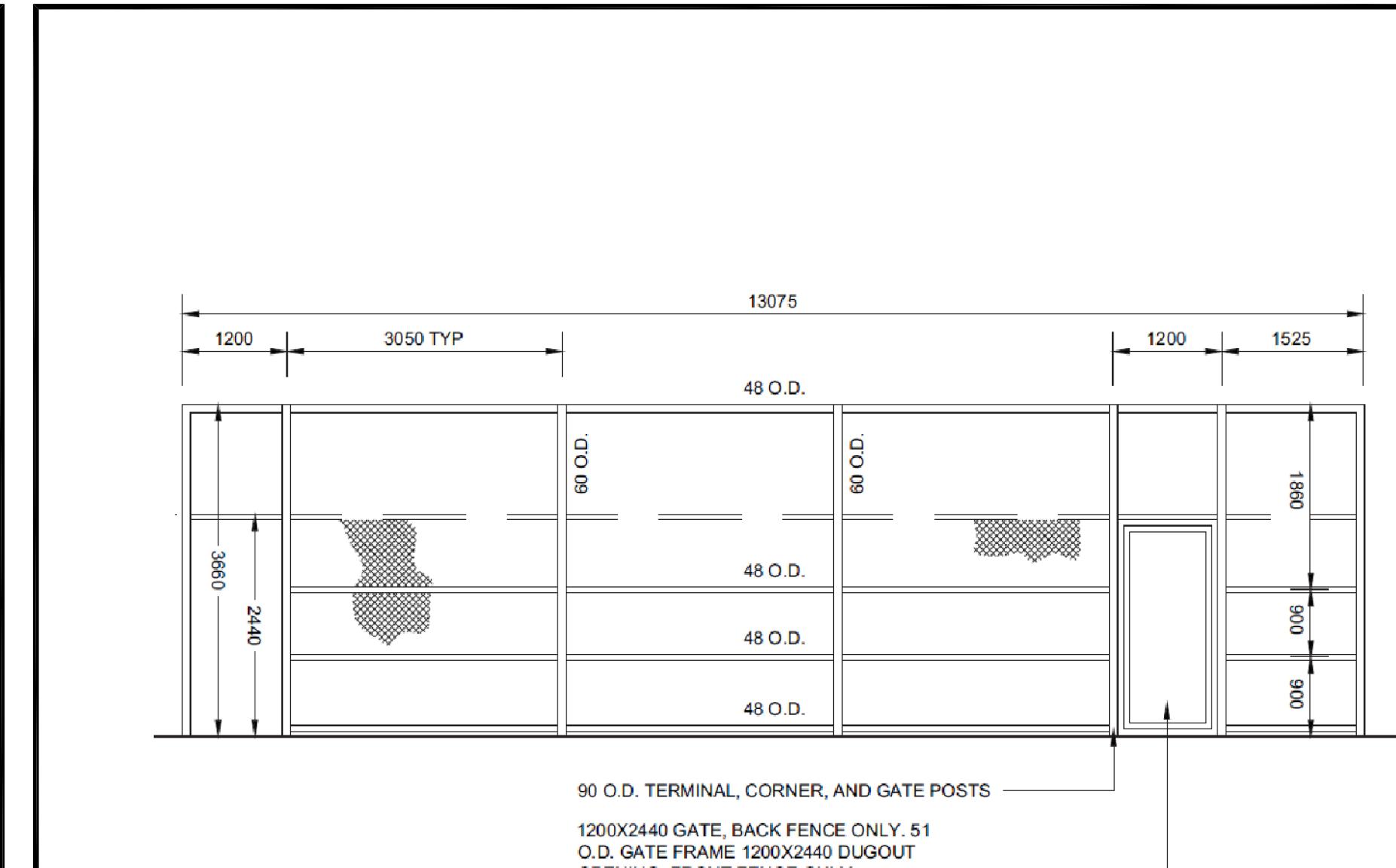
LL DUGOUT PLAN

NOTES:

1. DUGOUT TO BE OF ALL WELDED CONSTRUCTION.
2. CHAIN LINK FABRIC TO BE 38X38 GALVANIZED MESH 3.5MM (9 GAUGE) SECURED WITH STRETCHER BARS AND BAR BANDS AT 250 O.C., AND 3.5MM GALVANIZED WIRE TIES AT 250 O.C.
3. REFER TO DETAIL SOFTBALL DUGOUT ELEVATION.
4. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.



5
A1024
NTS
BASEBALL DUGOUT SIDE ELEVATION



FRONT ELEVATION

NOTES:

1. DUGOUT TO BE OF ALL WELDED CONSTRUCTION.
2. CHAIN LINK FABRIC TO BE 38X38 GALVANIZED MESH 3.5MM (9 GAUGE) SECURED WITH STRETCHER BARS AND BAR BANDS AT 250 O.C., AND 3.5MM GALVANIZED WIRE TIES AT 250 O.C.
3. REFER TO DETAIL SOFTBALL DUGOUT PLAN.
4. STEEL STRUCTURE AND FOOTING DESIGN SHALL BE CERTIFIED BY STRUCTURAL ENGINEER.
5. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION DESIGN

SEE DRAWINGS FOR ADDITIONAL NOTES

GENERAL NOTES

THIS IS A GENERAL SPECIFICATION. SOME STATED ITEMS MAY NOT APPLY.

1.0 GENERAL

1.1 DESIGN AND CONSTRUCTION IS TO CONFORM TO THE 2024 ONTARIO BUILDING CODE. REFER ALSO TO TYPICAL DETAILS, NOTES UNDER PLANS & SCHEDULE ON THE STRUCTURAL DRAWINGS, AND TO THE SPECIFICATION. ALL CODES, MANUALS, STANDARDS AND SPECIFICATIONS REFERRED TO SHALL BE THE LATEST EDITIONS INCLUDING ALL REVISIONS AND ADDENDA. ALL DIMENSIONS, AND DETAILS OTHER THAN PURELY STRUCTURAL DIMENSIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS MUST BE CHECKED AGAINST THE ARCHITECTURAL DRAWINGS AND ANY INCONSISTENCIES REPORTED TO THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK. STRUCTURAL DRAWINGS MUST NOT BE SCALED.

1.2 REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND SIZES OF OPENINGS, TRENCHES, PITS, SUMPS, EQUIPMENT, SLEEVES, DEPRESSIONS, GROOVES AND CHAMFERS NOT INDICATED ON THE STRUCTURAL DRAWINGS. UNLESS SPECIFICALLY NOTED OTHERWISE, THE ABOVE ITEMS WHERE SHOWN ON THE STRUCTURAL DRAWINGS ARE INDICATED ONLY APPROXIMATELY AS TO SIZE AND LOCATION.

1.3 UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, NO PROVISIONS HAS BEEN MADE IN THE DESIGN FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE ALL NECESSARY BRACINGS AND SHORING REQUIRED FOR STRESSES AND INSTABILITY OCCURRING FROM ANY CAUSE DURING CONSTRUCTION. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR ALL SUCH MEASURES. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY BRACINGS, SHORINGS, SHEET PILING OR OTHER TEMPORARY SUPPORTS TO SAFEGUARD ALL EXISTING OR ADJACENT STRUCTURES AFFECTED BY THIS WORK.

1.4 ALL LOADS SHOWN ON THESE DRAWINGS ARE FACTORED LOADS UNLESS OTHERWISE NOTED.

2.0 SHOP DRAWINGS, PLACING DRAWINGS & BAR LISTS:-

2.1 FOR ALL STRUCTURAL COMPONENTS SHOWN ON THE STRUCTURAL DRAWINGS, SUBMIT COPIES OF SHOP DRAWINGS, FOR REVIEW BY THE STRUCTURAL CONSULTANT. SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS AND REQUIRE AN ENGINEERING SEAL OF AN ENGINEER LICENSED IN ONTARIO & RESPONSIBLE FOR THE WORK. ALL STRUCTURAL STEEL, OWSJ, PRE-ENGINEERED WOOD TRUSS, HEAVY WOOD TIMBER CONNECTIONS, CONCRETE PRECAST CORE SLAB, REBAR, METAL ROOF & FLOOR DECK, PRE-ENGINEERED BUILD FRAME. SHOP DRAWINGS TO SHOW COMPLETE INFORMATION FOR THE FABRICATION AND ERECTION OF THE STRUCTURAL COMPONENTS.

2.2 REVIEW BY THE STRUCTURAL CONSULTANT SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR SEEING THAT THE WORK IS COMPLETE, ACCURATE AND IN CONFORMITY WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS.

3.0 INSPECTION AND TESTING: - TESTING ITEMS MAY BE DELETED WITH ENGINEER PERMISSION

3.1 A SOILS CONSULTANT AND AN INDEPENDENT INSPECTION AND TESTING COMPANY ARE TO BE ENGAGED TO CARRY OUT THE FOLLOWING SERVICES:-

.1 BEARING SOIL - REFER TO NOTES ON STRUCTURAL DRAWINGS AND ALSO TO THE SOIL REPORT.

.2 FILL UNDER SLABS-ON-GRADE - CONFIRM THAT FILL MATERIAL USED IS SATISFACTORY AND THAT THE REQUIRED DEGREE OF COMPACTION HAS BEEN ATTAINED.

.3 CAST-IN-PLACE PRECAST CONCRETE - ROUTINE INSPECTION OF MATERIALS, INCLUDING SLUMP CYLINDER AND AIR ENTRAINMENT TESTS & REINFORCING ROD TESTS WHEN REQUIRED AS DIRECTED IN ACCORDANCE WITH CAN/CSA-A23.2-M.

.4 THE PROJECT SUPERINTENDENT IS TO ADVISE THE STRUCTURAL CONSULTANT A MINIMUM OF 24 HOURS IN ADVANCE OF A CONCRETE POURS FOR A REVIEW OF PREPARATIONS.

.5 STRUCTURAL STEEL AND OWSJ - ROUTINE SHOP AND FIELD INSPECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF CAN/CSA-16.1-M

.6 MASONRY - WHEN REQUIRED OR DIRECTED, CONCRETE BLOCKS SHALL BE TESTED IN ACCORDANCE WITH CAN3-A165-M SERIES; BRICKS IN ACCORDANCE WITH CSA CAN3-A82M; AND MORTAR AND/OR GROUT IN ACCORDANCE WITH CSA A179M.

3.2 ALL INSPECTION AND TESTING SERVICES ARE TO BE PERFORMED BY COMPANIES CERTIFIED BY THE CANADIAN STANDARDS ASSOCIATION AND WELDING INSPECTORS ARE TO BE CERTIFIED BY THE CANADIAN BUREAU.

4.0 FOUNDATIONS

4.0 REFER TO NOTES UNDER FOUNDATION PLANS. ALL EXTERIOR FOOTINGS OR OTHER FOOTINGS EXPOSED TO FREEZING IN THE FINISHED BUILDING SHALL BE FOUNDED AT A MINIMUM 1700mm (5'-6") BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. ON THE DRAWINGS FOOTINGS EXPOSED TO FROST ACTION DURING CONSTRUCTING SHALL BE PROTECTED BY A MINIMUM OF 1200mm (4'-0") OF EARTH OR IT'S EQUIVALENT SUFFICIENT TO PREVENT FREEZING.

4.2 THE LINE OF SLOPE BETWEEN ADJACENT EXCAVATIONS FOR FOOTINGS OR ALONG STEPPED FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10, MAXIMUM STEP APPROX. 600mm (2'-0").

4.3 CAP DEPTHS AND FOOTING ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THE STRUCTURAL DRAWINGS.

4.4 IF ACTUAL JOB SITE OR SOIL CONDITIONS VARY FROM THOSE ASSUMED, THE WRITTEN DIRECTIONS MUST BE OBTAINED FROM THE STRUCTURAL CONSULTANT BEFORE PROCEEDING WITH THE WORK.

4.5 KEEP EXCAVATIONS CONTINUOUSLY DRY BEFORE CONCRETE IS PLACED. IF THE SOIL IS SOFTENED BY WATER, THE EXCAVATION SHALL EXTEND BELOW THE SOFTENED MATERIAL AND THE BOTTOM OF THE FOOTINGS LOWERED TO SUIT.

5.0 BACKFILLING AND COMPACTION:-

5.1 SLABS-ON-GRADE AND ALL STRUCTURAL ELEMENTS FRAMING INTO WALLS WHICH RETAIN EARTH MUST BE IN BEFORE BACKFILLING.

5.2 AT FOUNDATION WALLS WITH GRADE BOTH SIDES, UNLESS ADEQUATELY SHORED, BACKFILL & COMPACT EACH SIDE OF WALL SIMULTANEOUSLY.

5.3 UNDER SLABS-ON-GRADE, REMOVE SOFT SPOTS, ORGANIC AND FOREIGN MATTER IN THE SUB-GRADE. (WHERE SUB-GRADE CONSISTS OF COMPACTED FILL, REFER TO SPECIFIC NOTES ON THE DRAWINGS).

GENERAL NOTES CONTINUED

5.4 BACKFILL UNDER SLAB-ON-GRADE, IN FOOTING EXCAVATIONS AND IN TRENCHES ONLY WITH APPROVED MATERIAL. UNLESS SPECIFICALLY NOTED OTHERWISE, BACKFILLING SHALL BE CARRIED OUT IN MAXIMUM OF 200mm (8") THICK LIFTS OF LOOSE FILL EACH COMPAKTED TO A MINIMUM OF 98% STANDARD PROCTOR MAXIMUM DRY DENSITY.

5.5 UNLESS OTHERWISE NOTED, PROVIDE IMMEDIATELY UNDER SLABS-ON-GRADE A MINIMUM OF 150mm (8") OF COMPACTED GRANULAR "A" MATERIAL. COMPACTION TO ACHIEVE A MINIMUM OF 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.

STRUCTURAL STEEL

1.0 GENERAL

1.1 STRUCTURAL STEEL & CONNECTIONS SHALL CONFORM TO CAN/CSA-S16.1-M & SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER EXPERIENCED IN THIS TYPE OF WORK.

1.2 REFER ALSO TO GENERAL NOTES, NOTES UNDER PLANS & TO THE SPECIFICATION.

1.3 WELDING SHALL CONFORM TO CSA STANDARD W59 AND BE PERFORMED BY A FABRICATOR CERTIFIED TO CSA W47.1, DIV 1 OF 2.1

1.4 BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 50% OF THE BEAM SHEAR CAPACITY UNLESS OTHERWISE NOTED, & IN NO CASE BE LESS THAN THE LOADS SHOWN ON OR IMPLIED BY THE DRAWINGS. WHEN EVER POSSIBLE USE STANDARD DOUBLE HEADED AND TYPE CONNECTIONS. ALL CONNECTION TO BE AT LEAST HALF THE DEPTH OF THE BEAMS. USE SAFE CONNECTIONS AS REQUIRED BY THE MINISTRY OF LABOUR.

2.0 PRODUCTS

2.1 ALL STRUCTURAL STEEL MEMBERS SHALL CONFORM TO CAN/CSA-G40.20/G20.21-M. PLATES, SAG RODS, STRAP ANCHORS & BARS SHALL BE TYPE 300W AND WIDE FLANGE SECTION AND HOLLOW STRUCTURAL SECTIONS SHALL BE TYPE 350W, CLASS C FOR SQUARE HSS & CLASS C FOR ROUND HSS.

2.2 BOLTS, NUTS & WASHERS FOR CONNECTIONS TO CONFORM TO ASTM A325 UNLESS NOTED.

2.4 ANCHOR BOLTS, NUTS & WASHERS FOR BASE PLATES, BEARING PLATES & WELD PLATES TO CONFORM TO ASTM A307 UNLESS NOTED.

2.5 SHEAR STUDS WHERE REQUIRED TO CONFORM TO ASTM A108, WELDING TO CONFORM TO CSA W59.

2.6 WELDING MATERIALS TO CONFORM TO CSA W48-M (SERIES).

2.7 POWER TOOL CLEAN ALL STEEL BEFORE PRIMING TO REMOVE ALL LOOSE MILL SCALE.

2.8 PRIMER PAINT TO CONFORM TO CAN/CSGB-1.40-M OR CISC/CPMA 2-75. TOP COAT TO BE INDUSTRIAL GRADE ENAMEL PAINT (AS PER ONTC REQUEST)

3.0 EXECUTION

3.1 FABRICATION, HANDLING & ERECTION TO CONFORM TO CAN/CSA-S16.1-M.

3.2 PROVIDE A MINIMUM OF 2-12mm (1/2") DIAMETER BY 250 (10") LONG WALL ANCHORS FOR ALL BEAM & OWSJ WALL PLATES ON MASONRY, OR AN APPROVED EQUAL, UNLESS OTHERWISE NOTED. BEAMS & JOIST SHOES TO BE WELDED TO BEARING PLATES.

3.3 PROVIDE ADJUSTABLE ANCHORS TO ALL STEEL TO BE BUILT INTO, ABUTTED BY, OR FACED WITH MASONRY (REFER ALSO TO DETAILS IF SHOWN). SPACING OF ANCHORS TO BE

.1 FOR VERTICAL SPACING.....600 (24") MAX. CENTRES

.2 FOR HORIZONTAL SPACING.....5 TIMES WALL THICKNESS*

(NOTE, USE BACK-UP WYTHE ONLY FOR CAVITY WALLS).

.3 WHERE STEEL PROVIDES LATERAL BRACING ONLY TO MASONRY (I.E. DOES NOT SUPPORT MASONRY) ANCHORS SHALL PERMIT DIFFERENTIAL VERTICAL MOVEMENT BETWEEN STRUCTURAL MEMBER & MASONRY. MINIMUM CLEARANCE SPAN/180 (MINIMUM 25mm 1")

3.4 CLEAN, PREPARE SURFACES AND SHOP PRIME STRUCTURAL STEEL COAT OF SPECIFIED PRIMER PAINT IN ACCORDANCE WITH CAN/CSA-S16.1-M, EXCEPT WHERE MEMBERS ARE TO BE ENCASED IN CONCRETE. FIELD "TOUCH-UP" BOLTS, WELDS, BURNED OR SCRAPED SURFACES AFTER ERECTION.

3.6 PROVIDE ALL NECESSARY TEMPORARY BRACING TO KEEP STRUCTURE SAFE AND PLUMB, BRACING SHOWN ON STRUCTURAL DRAWINGS IS PERMANENT FOR FINISHED BUILDING ONLY.

3.7 CO-ORDINATE WITH MECHANICAL & ELECTRICAL CONSULTANTS & SUB-TRADES WHOSE WORK MAY EFFECT DETAILING, FABRICATION & ERECTION OF THE STEEL STRUCTURE.

3.8 TOLERANCES: VARIATION FROM PLUMB & LEVEL EXTERIOR COLUMNS AT ELEVATOR SHAFTS, & SPANDREL BEAMS INCLUDING ANGLES.....1:1000 MAX. 25mm (1/8" IN 10'-0" MAX.1")

OTHER PIECES.....1:500 (1/4" IN 10'-0")

3.9 NO HOLES OTHER THAN THOSE SHOWN ON REVIEWED SHOP DRAWINGS SHALL BE MADE IN ANY STEEL MEMBER WITHOUT WRITTEN PERMISSION OF THE STRUCTURAL CONSULTANT.

4.0 QUALITY CONTROL

4.1 SEE GENERAL NOTES, NOTES UNDER PLANS, &/OR SPECIFICATION FOR INSPECTION AND TESTING REQUIREMENT. PREFABRICATED WOOD TRUSS NOTES

CAST-IN-PLACE CONCRETE NOTES

1.0 GENERAL

1.1 PROVIDE ALL LABOUR MATERIAL, TOOLS AND EQUIPMENT REQUIRED TO CARRY OUT THE WORK.

1.2 REFER ALSO TO GENERAL NOTES, NOTES UNDER PLANS AND SCHEDULES, TYPICAL DETAILS AND SPECIFICATION.

2.0 PRODUCTS

2.1 PORTLAND CEMENT, WATER AND AGGREGATES SHALL CONFORM TO CSA STANDARD A23.1.

2.2 PROVIDE AN APPROVED WATER REDUCING ADDITIVE IN ALL CONCRETE. PROVIDE AN APPROVED AIR ENTRAINING ADDITIVE IN ALL CONCRETE WHICH WILL BE EXPOSED TO A FREEZE/THAW CYCLE AND/OR THE ACTION OF DE-ICING SALT. ADMIXTURES SHALL CONFORM TO CSA STANDARD A23.5.

2.3 FORM WORK SHALL CONFORM TO CSA STANDARD A23.1, CSA STANDARD S269.3 AND FALSE WORK SHALL CONFORM TO CSA S269.1.

2.4 IF SO INSTRUCTED, THE DESIGNS FOR THE FORM WORK SHALL BE SUBMITTED FOR REVIEW BEFORE CONSTRUCTION. FORM WORK DRAWINGS AND DESIGN SHALL BEAR THE STAMP OF A LICENSED PROFESSIONAL ENGINEER.

2.5 UNLESS OTHERWISE NOTED PROVIDE SLAB & BEAM FORMS WITH AN UPWARD CAMBER OF 2mm/1000mm (1/4" PER 10'-0") OF SPAN, AND UPLIFT ENDS OF CANTILEVERED SLAB & BEAM FORMS 3mm/1000mm (1/4" PER 8'-0") OF CANTILEVER LENGTH.

2.6 PROVIDE STANDARD ADJUSTABLE MASONRY ANCHOR SLOTS FOR ALL MASONRY FACING OR ABUTTING CONCRETE FACES.

2.7 PROVIDE AND/OR INSTALL STANDARD ADJUSTABLE INSERTS & ALL OTHER CAST-IN INSERTS AS REQUIRED BY THE ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS & SPECIFICATION.

2.8 REINFORCING STEEL UNLESS SPECIFICALLY NOTED, SHALL BE DEFORMED BARS CONFORMING TO CAN/CSA-G30.18-M GRADE 400 (58000 PSI).

2.9 WELDED WIRE FABRIC TO CONFORM TO CSA G30.5-M.

2.10 REINFORCING SHALL BE DETAILED, BENT, PLACED AND SUPPORTED TO CONFORM TO ACI STANDARD 315 AND THE MANUAL OF STANDARD PRACTICE PUBLISHED BY THE REINFORCING STEEL INSTITUTE OF CANADA.

2.11 DRY-PACK GROUT TO BE 1 PART PORTLAND CEMENT TO 11/2 PARTS SAND TO 2 PARTS OF 8mm PEA GRAVEL WITH ONLY SUFFICIENT WATER TO DAMPEN MIXTURE. COMPRESSIVE STRENGTH 50MPa AT 28 DAYS.

2.12 NON-SHRINK GROUT TO BE AN APPROVED PRE-MIXED PROPRIETARY PRODUCT.

2.13 PROVIDE APPROVED EXTRUDED PVC WATER STOPS OF SIZE & STYLES INDICATED, WITH PRE-WELDED CORNERS & INTERSECTIONS. SEE ALSO TYPICAL DETAILS.

2.14 CURING AND SEALING COMPOUNDS WHERE APPROVED FOR USE TO CONFORM TO ASTM STANDARD C309. GENERALLY, ALL CONCRETE SURFACES ARE TO BE SEALED UNLESS NOTED OTHERWISE. COMPOUNDS ARE TO BE COMPATIBLE WITH APPLIED FINISHES.

3.0 EXECUTION

3.1 MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE @ 28 DAYS SHALL BE AS FOLLOWS -25MPa FOR FOOTINGS
-25MPa FOR WALL AND PIERS
-25MPa FLOOR SLAB

3.2 SLUMP AT THE POINT OF DISCHARGE SHALL BE CONSISTENT AT 80mm +/-30mm (3" +/- 11/8") UNLESS NOTED OTHERWISE. GREATER SLUMPS ARE NOT ACCEPTABLE.

3.3 CONCRETE MIXING, TRANSPORTATION, HANDLING AND PLACING SHALL CONFORM TO CSA STANDARD A23.1.

3.4 CONSTRUCTION JOINTS FOR WALLS ARE BASED UPON VERTICAL JOINTS AT A MAXIMUM SPACING OF 1000mm (30'-0").

3.5 CONSTRUCTION JOINTS FOR WALLS, SLABS, AND BEAMS NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL CONSULTANT BEFORE CONSTRUCTION. GENERALLY JOINTS IN SLABS SHALL BE AT RIGHT ANGLES TO THE SPANS, AT MID-SPAN IF POSSIBLE AND BE CLEAR OF SUPPORTS AND POINT LOADS.

3.6 INSERTS, FRAME-OUTS, SLEEVES, BRACKETS, CONDUITS AND FASTENING DEVICES, SHALL BE INSTALLED AS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS IN A MANNER THAT SHALL NOT IMPAIR THE STRUCTURAL STRENGTH OF THE SYSTEM, BE SO INSTALLED THAT THEY SHALL NOT REQUIRE THE CUTTING, BENDING, OR DISPLACEMENT OF THE REINFORCING OTHER THAN AS SHOWN ON THE TYPICAL DETAILS.

3.7 ELECTRICAL CONDUIT SHALL NOT PASS THROUGH A COLUMN, SHALL NOT BE LARGER IN OUTSIDE DIAMETER THAN 1/3 SLAB THICKNESS OR WALL OR BEAM IN WHICH IT IS EMBEDDED, SHALL NOT BE SPACED CLOSER THAN 3 DIAMETERS ON CENTRE UNLESS APPROVED AND HAVE A MINIMUM CONCRETE COVER OF 25mm (1") AND UNLESS SPECIFICALLY PERMITTED OTHERWISE, SHALL NOT RUN HORIZONTALLY IN A CONCRETE WALL.

3.8 OPENINGS AND DRIVEN FASTENERS REQUIRED IN THE CONCRETE AFTER THE CONCRETE IS PLACED SHALL BE APPROVED BY THE STRUCTURAL CONSULTANT BEFORE PROCEEDING.

3.9 FINISHING, REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR REQUIRED FINISH TO EXPOSED CONCRETE. ALL HONEYCOMBING SHALL BE CUT OUT AND FILLED. FLOOR FINISHES SHALL BE AS REQUIRED BY THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS AND SHALL CONFORM TO CSA STANDARD A23.1 (CLASS A CONVENTIONAL SMOOTH CLASSIFICATION).

3.10 TOLERANCES FOR PLACING STRUCTURAL CONCRETE, REINFORCING STEEL, CAST-IN HARDWARE AND FOR FLOOR & ROOF FINISHES SHALL BE AS SPECIFIED IN CSA STANDARD A23.1.

3.11 MINIMUM REINFORCING FOR ANY CONCRETE WALL TO BE AS SHOWN ON TYPICAL DETAIL FOR CONCRETE WALLS.

3.12 MINIMUM REINFORCING FOR ANY SUSPENDED SLAB SHALL BE TEMPERATURE BARS BOTTOM EACH WAY PLUS 10M @ 400 (16") DOWELS 600x600 (2'-0" x 2'-0") TOP AROUND PERIMETER, REFER TO TYPICAL DETAIL OF ONE WAY SLABS.

4.0 QUALITY CONTROL

4.1 FOR INSPECTION AND TESTING, SEE GENERAL NOTES.

INSPECTION SCHEDULE

1.0 NOTIFY ENGINEER 24 HOURS PRIOR TO REQUIRED INSPECTIONS

1.1 INSPECTION REQUIRED AT THE FOLLOWING POINTS DURING CONSTRUCTION THE FOLLOWING IS A MINIMUM REQUIREMENT.

-BEFORE START OF PROJECT (PRE-CONSTRUCTION MEETING)

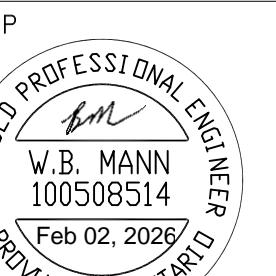
-AFTER EXCAVATION AND COMPACTING OF EXISTING SOIL AND BEFORE PLACING OF FORM WORK

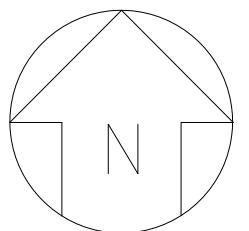
-AT COMPLETION OF FORM WORK AND PLACING OF REINFORCING

-BEFORE POURING OF CONCRETE

-DURING BACKFILLING

-AT COMPLETION OF PROJECT

4		
3		
2		
1		
0		
FEB 02 26 ISSUED FOR TENDER		
JAN 29 26 95% PROGRESS SET - FOR CLIENT REVIEW		
NO.	DATE:	
FIELD NOTES:		
 W.B. MANN 100508514 Feb 02, 2026		
NORTHSHORE ENGINEERING & DRAFTING SERVICES		
184 McNaughton Ave. NORTH BAY, ONTARIO P.O. 705-465-2981 EMAIL: ns@northshore-eng.com		
ONSO		
CLIENT		
MUNICIPALITY OF WEST NIPISSING		
PROJECT	WN GOULARD PARK BASEBALL FIELD REDEVELOPMENT STURGEON FALLS, ON	
GENERAL NOTES		
DRAWN BY:	CHECKED BY:	DATE:
BM	TIM T	JAN 26 26
PROJECT NO.	FILE NO.:	SCALE:
262228	262228-S0.0-RX	NTS
DRAWING NO.	REVISION:	PLOTTED:
S0.0	0	FEB 02 26



OUTLINE OF SLAB ON GRADE FOR NEW SHED

3600

4800

4

S2.1

NEW SLAB GRADE TYPE 1 (@ NEW SHED)
200mm POURED CONCRETE SLAB
c/w 15M BARS @ 300mm O.C. BOTH WAYS
2 LAYERS OF 1 1/2" HI40 RIGID INSULATION (EXTEND INSULATION OUT 1800mm ALL AROUND)
EXCAVATE MINIMUM 2'-0" BELOW SLAB AND BACK FILL W/
GRANULAR "B" COMPACTED TO 100% STANDARD PROCTOR
CAP W/ 6" GRANULAR "A" COMPACTED TO 100% STANDARD PROCTOR
PROOF ROLL EXISTING SOILS
AT TIME OF CONSTRUCTION SUB-GRADE AND EXISTING SOILS
TO BE REVIEWED BY GEOTECHNICAL ENGINEER

OUTLINE OF SLAB ON GRADE FOR NEW DUGOUTS

13675 +/-

P1 F1

P2 @ BACKSTOP POSTS TYP. 13 LOCATIONS

3000 +/-

13675 +/-

3000 +/-

P1 F1

P1 F1

OUTLINE OF SLAB ON GRADE FOR NEW DUGOUTS

NEW SLAB GRADE TYPE 1 (@ DUGOUT)

3

S2.1

TYP. 8 LIGHT POLES

P1 F1

P1 F1

P1 F1

P1 F1

FOUNDATION PLAN

SPECIAL NOTE:
CONTRACTOR TO REFER TO ENGLOBE GEOTECHNICAL REPORT
FOR DEWATERING REQUIREMENTS. GROUNDWATER ELEVATION
IS CONSIDERED SHALLOW AND DEWATERING PLAN WILL BE REQUIRED

FOUNDATION PLAN

NOTES

- 1) REFER TO ARCHITECTURAL AND SITE PLAN FOR DIMENSIONS AND LOCATIONS
- 2) REFER TO LIGHT POLE SHOP DETAILS FOR ADDITIONAL INFORMATION
- 3) CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS AND APPROVALS INCLUDING LOCATES BEFORE STARTING WORK
- 4) CONTRACTOR TO SAFE GUARD AREA OF WORK INCLUDING PROVIDING SAFETY FENCING AS REQUIRED
- 5) CONTRACTOR TO MAKE ALLOW FOR AND COORDINATE CONDUIT INSTALLATION AT TIME OF CONSTRUCTION

FOUNDATION INFORMATION

FOOTING SCHEDULE			
FOOTING	SIZE	REINFORCING	NOTES
F1	1800x1800x400	15M BOTH WAYS, 1 LAYER BTM (8" D.C.)	FOOTING FOR LIGHT POLE
			3" COVER ON EARTH / 2" COVER FORMWORK

WALL AND PIER SCHEDULE			
PIER	SIZE	REINFORCING	NOTES
P1	762Ø	8-20M VERT. BARS + 10 M STIRRUP @ 300 D.C.	9" HOOK IN FOOTING
P2	600Ø	8-20M VERT. BARS + 10 M STIRRUP @ 300 D.C.	(DESIGNED BY BACKSTOP SUPPLIER)

BAR	LAP SPLICING	HOOK	BEND RADIUS
10M	1'-4"	5"	2 1/4"
15M	2'-0"	7"	3 1/2"
20M	2'-4"	9"	4 3/4"

SPECIAL NOTE
CONTRACTOR TO BACKFILL ALL WALLS/PIERS FROM BOTH SIDES EQUALLY

FOUNDATION NOTES

NOTE ALL DIMENSIONS SHOWN FOR REFERENCE ONLY CONFIRM DIMENSIONS WITH ARCHITECTURAL DRAWINGS

1) SEE GENERAL NOTES

2) SEE GEOTECHNICAL REPORT FOR DEWATERING, EXCAVATION, SITE PREPARATION, BACKFILL REQUIREMENTS.
ENGLOBE TO REVIEW AND APPROVAL ALL SUBGRADE PREPARATION BEFORE INSTALLATION OF FOUNDATION SYSTEM.

3) ALL FOOTINGS TO BEAR ON ENGINEERED FILL (CONFIRMED AND APPROVED BY GEOTECHNICAL SOILS CONSULTANT)

4) ALL EXISTING ORGANIC SOILS TO BE REMOVED, TO BE REVIEWED AND APPROVED BY ENGLOBE

5) ALL FOUNDATION CONCRETE EXPOSED TO FREEZE THAW TO BE 32MPa.

6) ALL CONCRETE EXPOSED TO FREEZE THAW TO HAVE 6% ENTRAINMENT

7) REFERENCE STEEL LIGHT POLES SHOP DETAILS FOR ANCHOR BOLT AND INSERT PLACEMENT

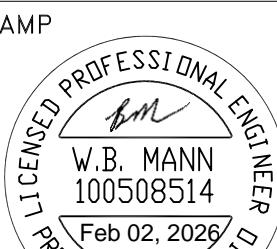
8) ALL FOOTINGS TO BEAR 1.9 M BELOW GRADE
(SEE GEOTECHNICAL REPORT FOR SOIL PREPARATION REQUIREMENTS)

9) PLACE VERTICAL DOWEL IN FOOTING TO MATCH PIER AND WALL VERTICAL BARS SEE SECTION FOR HOOKS LENGTHS

10) CENTER ALL FOOTINGS ON COLUMN & PIER CENTER LINES U.N.O ON PLANS

11) SEE PLAN AND SECTION FOR DETAILS

- LOADING DATA
 - GROUND SNOW LOADS
 - SNOW $S_s = 46$ PSF (2.2 kPa)
 - SNOW $S_r = 8.5$ PSF (0.4 kPa)
 - WIND LOADS
 - MINIMUM DESIGN WIND LOAD 1/50 $q = 7.3$ PSF (0.35 kPa)
 - EARTHQUAKE LOADS
 - SITE SOIL CLASSIFICATION C
 - IMPORTANCE FACTOR 1
 - SEISMIC DATA
 - $S_a (0.2) = 0.29$
 - $S_a (0.5) = 0.150$
 - $S_a (1.0) = 0.068$
 - $S_a (2.0) = 0.022$

4		
3		
2		
1		
0	FEB 02 26	ISSUED FOR TENDER
A	JAN 29 26	95% PROGRESS SET - FOR CLIENT REVIEW
NO.	DATE:	REVISION & DESCRIPTION:
FIELD NOTES:		STAMP
		

NORTHSHERE ENGINEERING

DRAFTING SERVICES

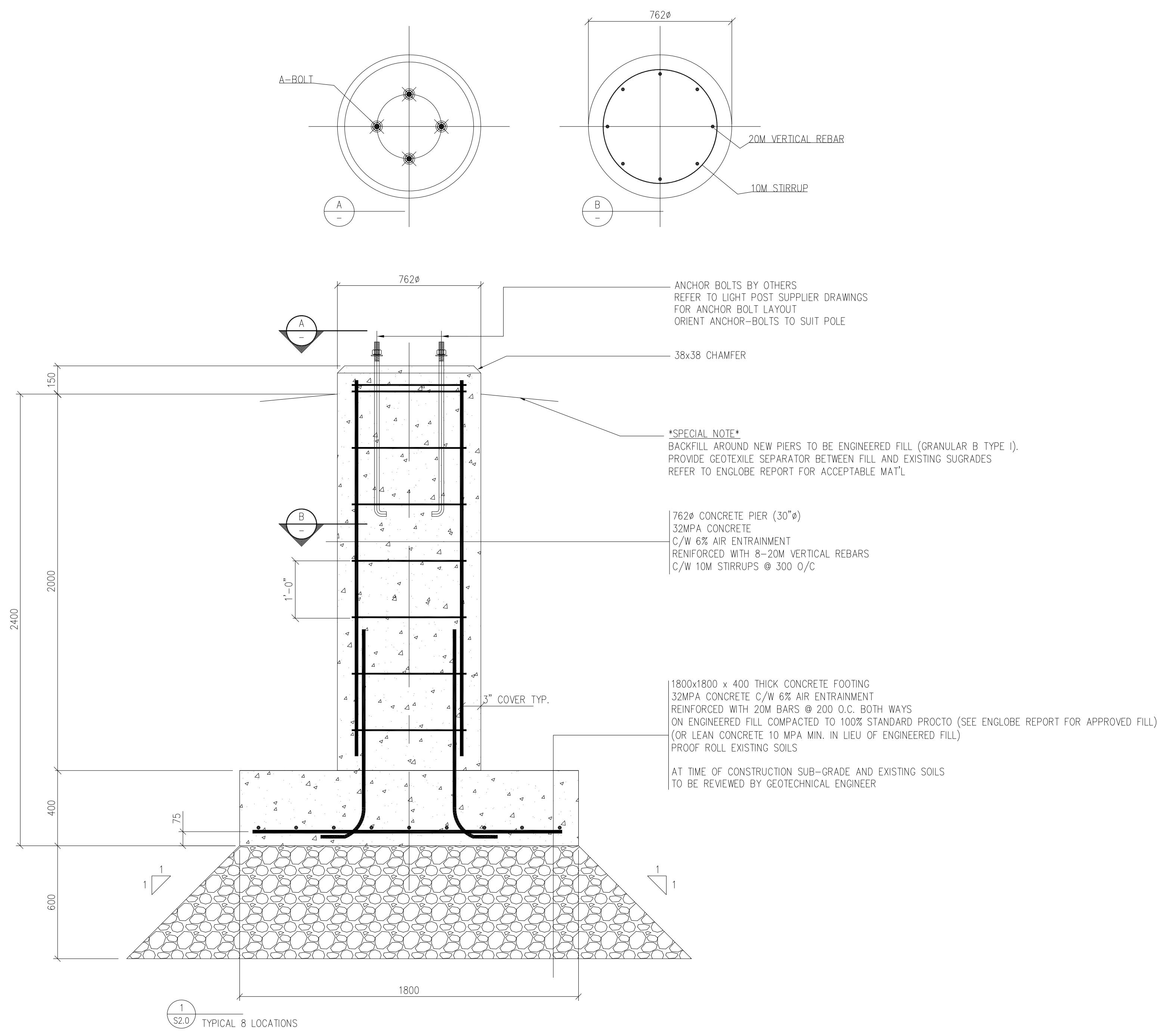
34 McNaughton Ave.
NORTH BAY ONTARIO
H 705-495-0981



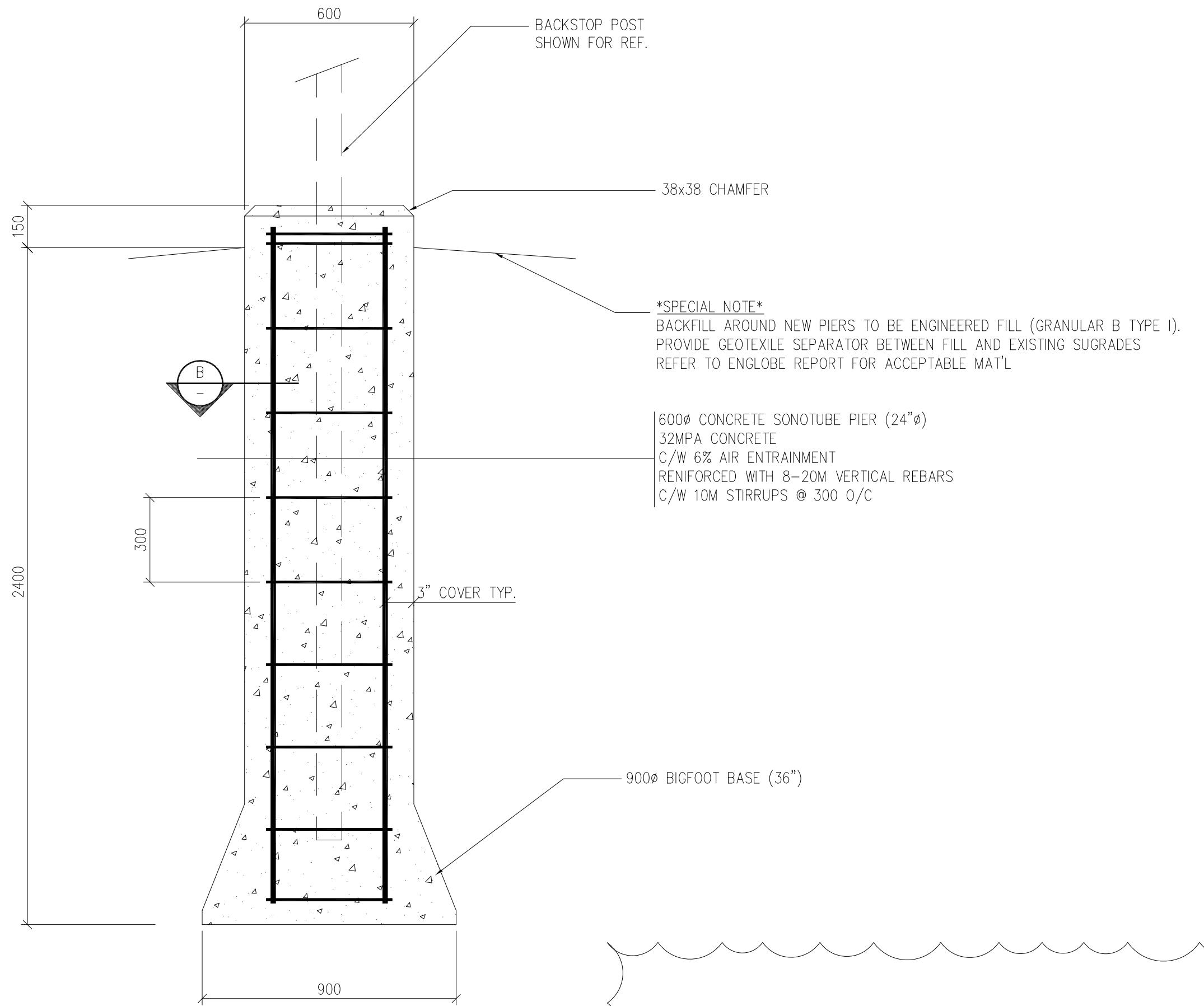
ENT
MUNICIPALITY OF WEST NIPISSING

ECT WN GOULARD PARK
BASEBALL FIELD REDEVELOPMENT
STURGEON FALLS, ON

FOUNDATION PLAN



BACKSTOP FOUNDATION NOTE
 BACKSTOP FOUNDATION DESIGN CONCEPT SHOWN FOR PRICING ONLY.
 CONTRACTOR TO PROVIDE STAMPED DESIGN AND DRAWINGS FOR
 BACKSTOP POST FOUNDATION IN COORDINATION WITH BACKSTOP FRAMING.
 REFER TO GEOTECHNICAL INVESTIGATION REPORT BY ENGLOBE FOR SITE CONDITIONS.
 INCLUDING SOIL CONDITIONS, GROUND WATER DEPTH, ETC.



▲	
▲	
▲	
▲	
▲	
▲	FEB 02 26 ISSUED FOR TENDER
▲	JAN 29 26 95% PROGRESS SET - FOR CLIENT REVIEW
NO.	DATE: REVISION & DESCRIPTION:

FIELD NOTES:	STAMP

NORTHSORE ENGINEERING
 & DRAFTING SERVICES

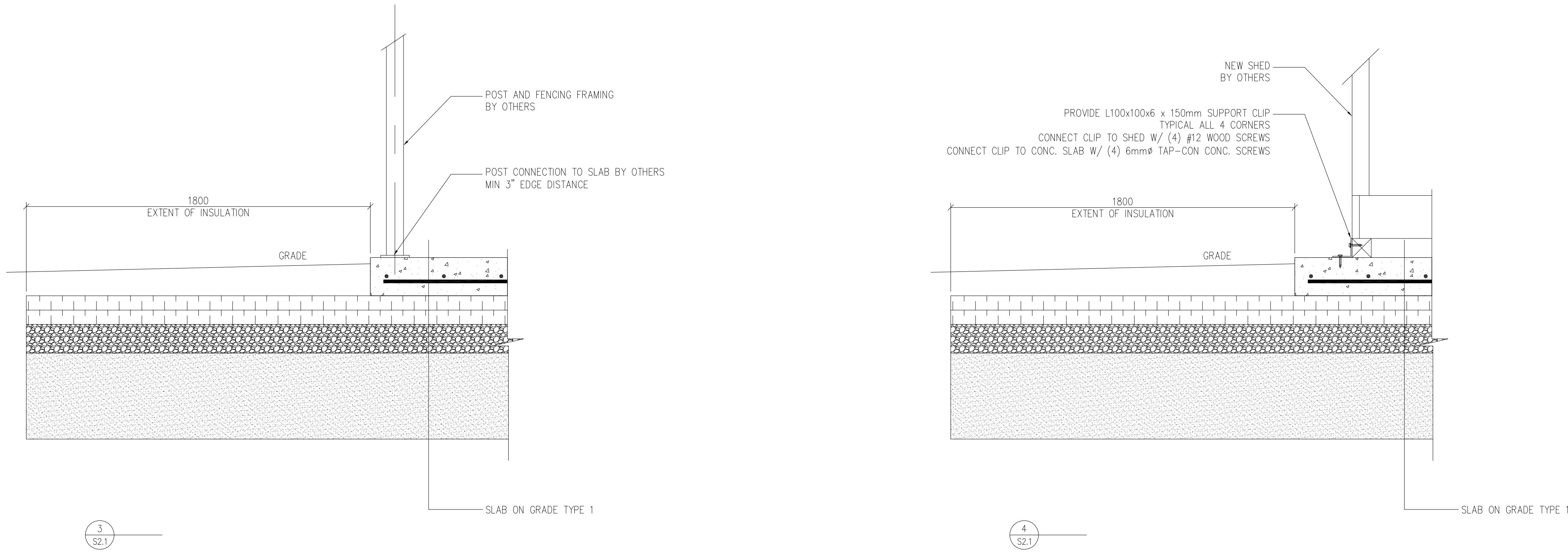
184 McNaughton Ave.
 NORTH BAY, ON P1B 2L0
 Ph: 705-465-2981
 EMAIL: ns@northshore-eng.com

CLIENT
MUNICIPALITY OF WEST NIPISSING

PROJECT WN GOULARD PARK
 BASEBALL FIELD REDEVELOPMENT
 STURGEON FALLS, ON

FOUNDATION SECTIONS

DRAWN BY: BM	CHECKED BY: TIM T	DATE: JAN 26 26
PROJECT NO. 262228	FILE NO. 262228-S2.0-RX	SCALE: NTS
DRAWING NO. S2.0	REVISION: 0	PLOTTED: FEB 02 26



4		
3		
2		
1		
0	FEB 02 26 ISSUED FOR TENDER	
A	JAN 29 26 95% PROGRESS SET - FOR CLIENT REVIEW	
NO. DATE: REVISION & DESCRIPTION:		
FIELD NOTES:		
<div style="text-align: right;"> </div>		
STAMP		
NORTHSORE ENGINEERING & DRAFTING SERVICES		
184 McNaughton Ave. NORTH BAY, ON P1B 2G0 Ph: 705-495-2981 EMAIL: ns@northshore-eng.com		
CLIENT		
MUNICIPALITY OF WEST NIPISSING		
PROJECT		
WN GOULARD PARK BASEBALL FIELD REDEVELOPMENT STURGEON FALLS, ON		
FOUNDATION SECTIONS		
DRAWN BY:	CHECKED BY:	DATE:
BM	TM T	JAN 26 26
PROJECT NO.:	FILE NO.:	SCALE:
262228	262228-S2.1-RX	NTS
DRAWING NO.:	REVISION:	PLOTTED:
S2.1	0	FEB 02 26

DRAWING LIST

ME-1 Specification Notes & Details
ME-2 Removals Plan
E-1 Ball Field #1
E-2 Ball Field #2
E-3 Illumination Levels
Ball Fields #1 & 2

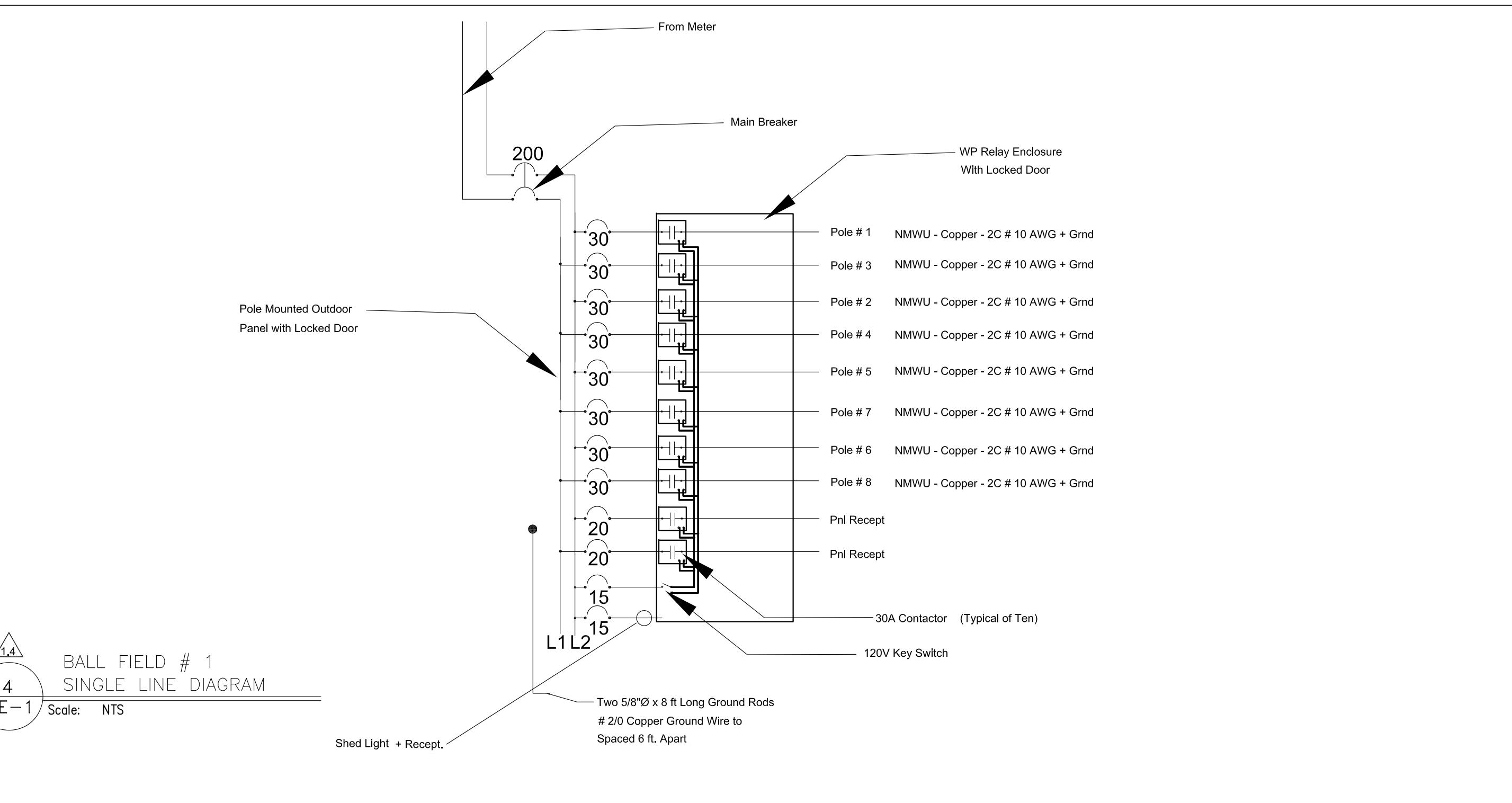
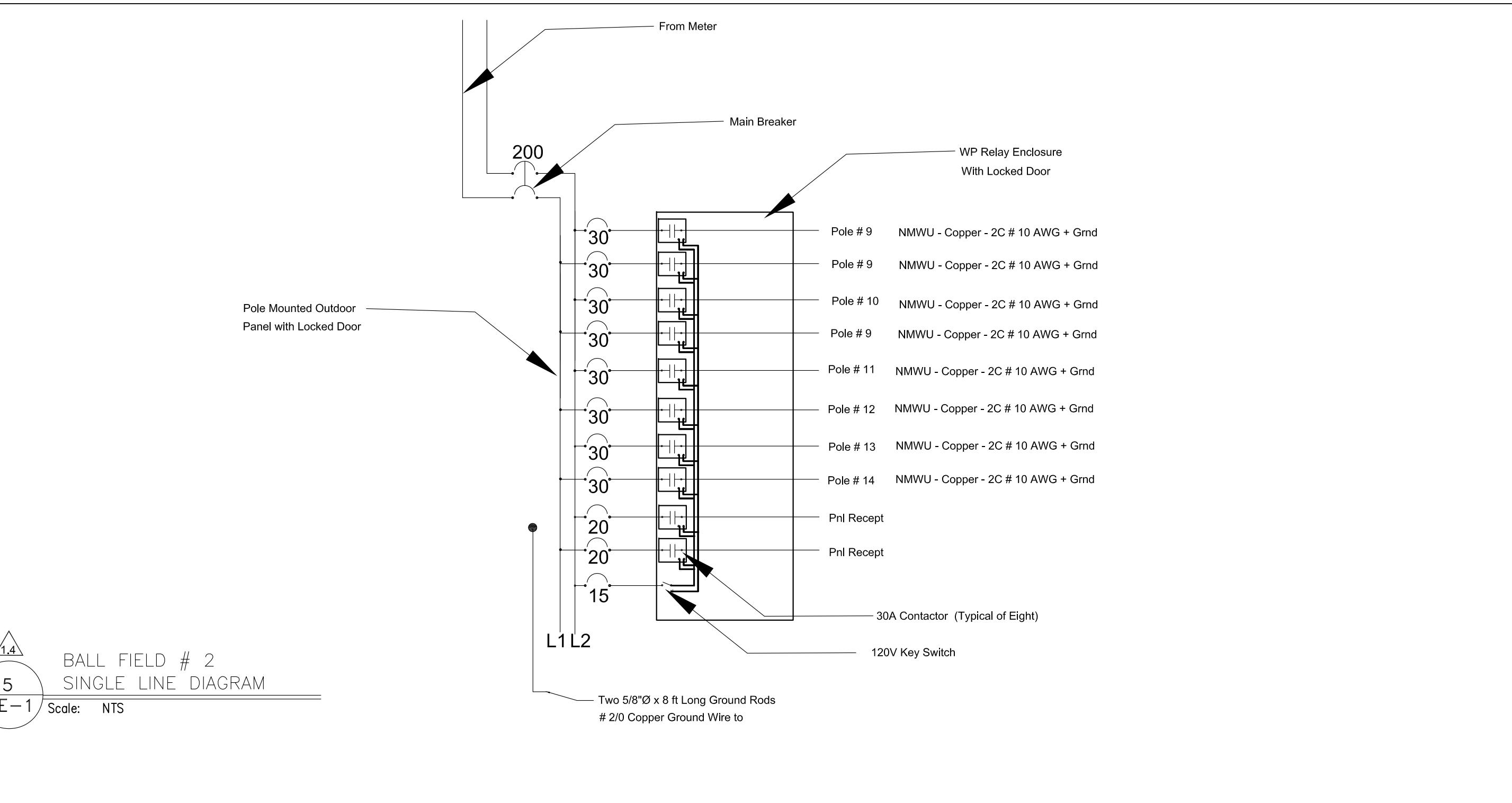
CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
 ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT AND ARE PROTECTED BY COPYRIGHT.
 THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL COUNTERSIGNED.

DRAWINGS ARE NOT TO BE SCALED.

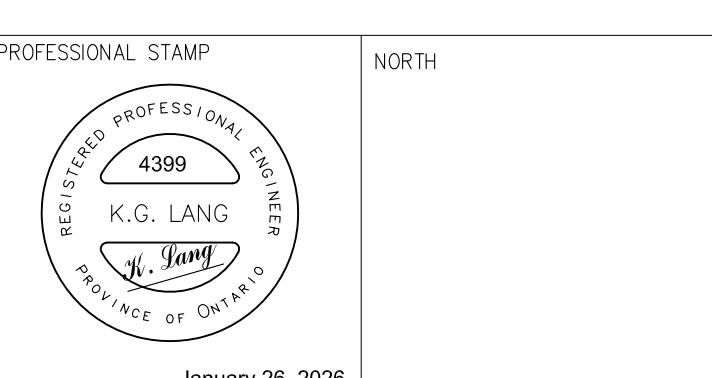
4		
3	Issued for Tender	January 26, 2026
2	TENDER ADDENDUM #1	August 15, 2025
1	ISSUED FOR TENDER	August 13, 2025
NO.	ISSUE	DATE

TENDER ADDENDUM #1 August 15, 2025

1.1 Ball Field # 1 - Existing buried 2"Ø conduit to the scoreboard to remain Detail # 1/E1.
 1.2 Ball Field # 2 - Existing buried electrical service and pole to remain. Detail # 1/E2.
 1.3 Ball Field # 2 - Existing meter to be revised to suit new panel Detail # 3/E2.
 1.4 Ball Fields # 1 & # 2 - Revise single line diagram to incorporate lighting contactors and key switch control. Details # 4 & #5/ME1.
 1.5 Ball Field # 1 - Supply and install a switched ceiling fixture and a receptacle in the new Shed Structure. Fixture equal to: Halo # EWP15FSDBZ 13W LED LAMP
 1.6 Light Fixtures - Ball Field # 1 - See Schedule Detail # 3/E1. Detail # 3/E1.
 Supply and install new fixtures and cross arms on existing poles. Include the mounting and orientation of the light fixtures to meet the specified illumination levels shown on Detail # 1/E3.
 1.7 Light Fixtures - Ball Field # 2 - See Schedule Detail # 4/E2. Detail # 5/E2.
 Supply and install new fixtures and poles with crossarms. Include the mounting and orientation of the light fixtures to meet the specified illumination levels shown on Detail # 2/E3.

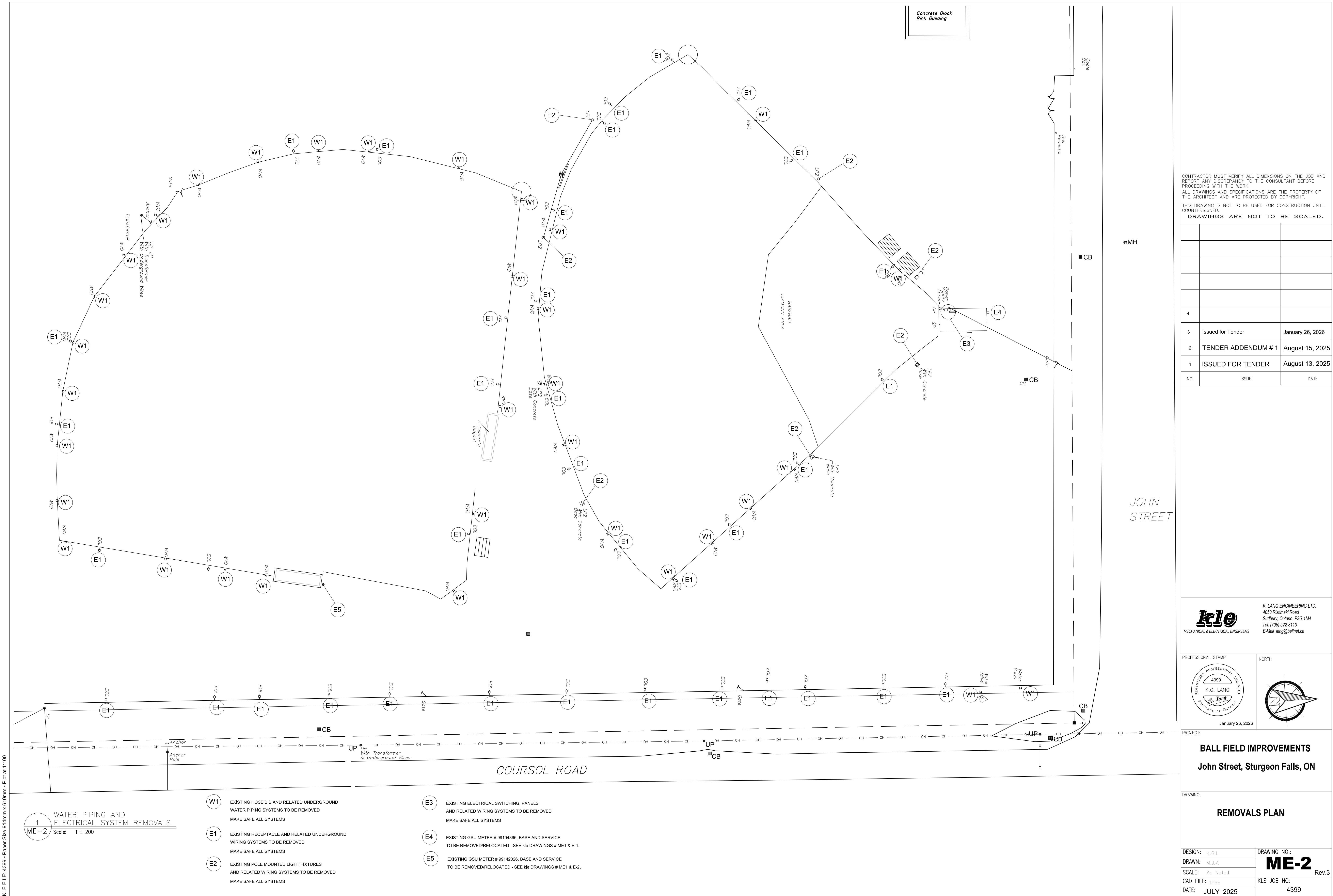


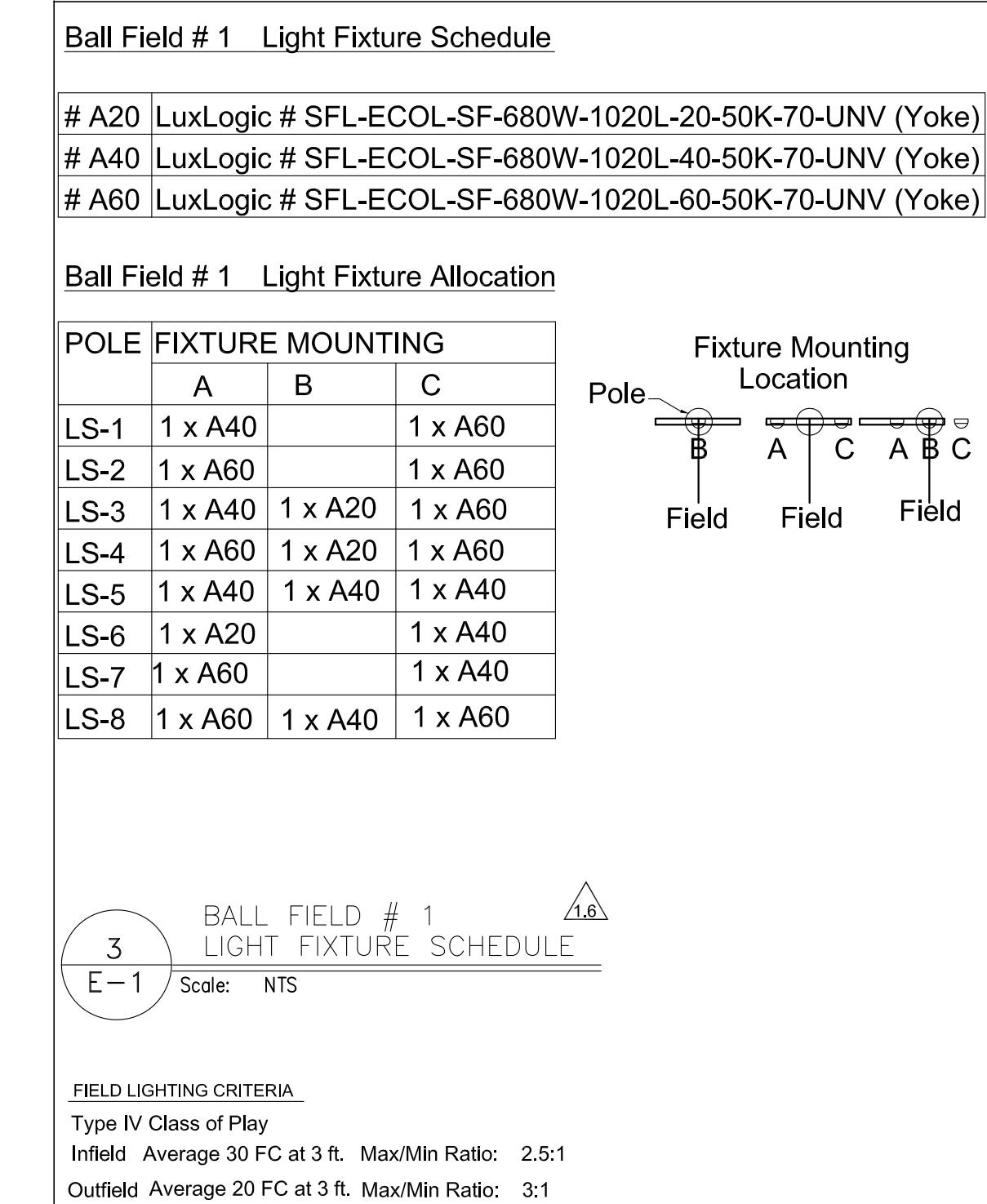
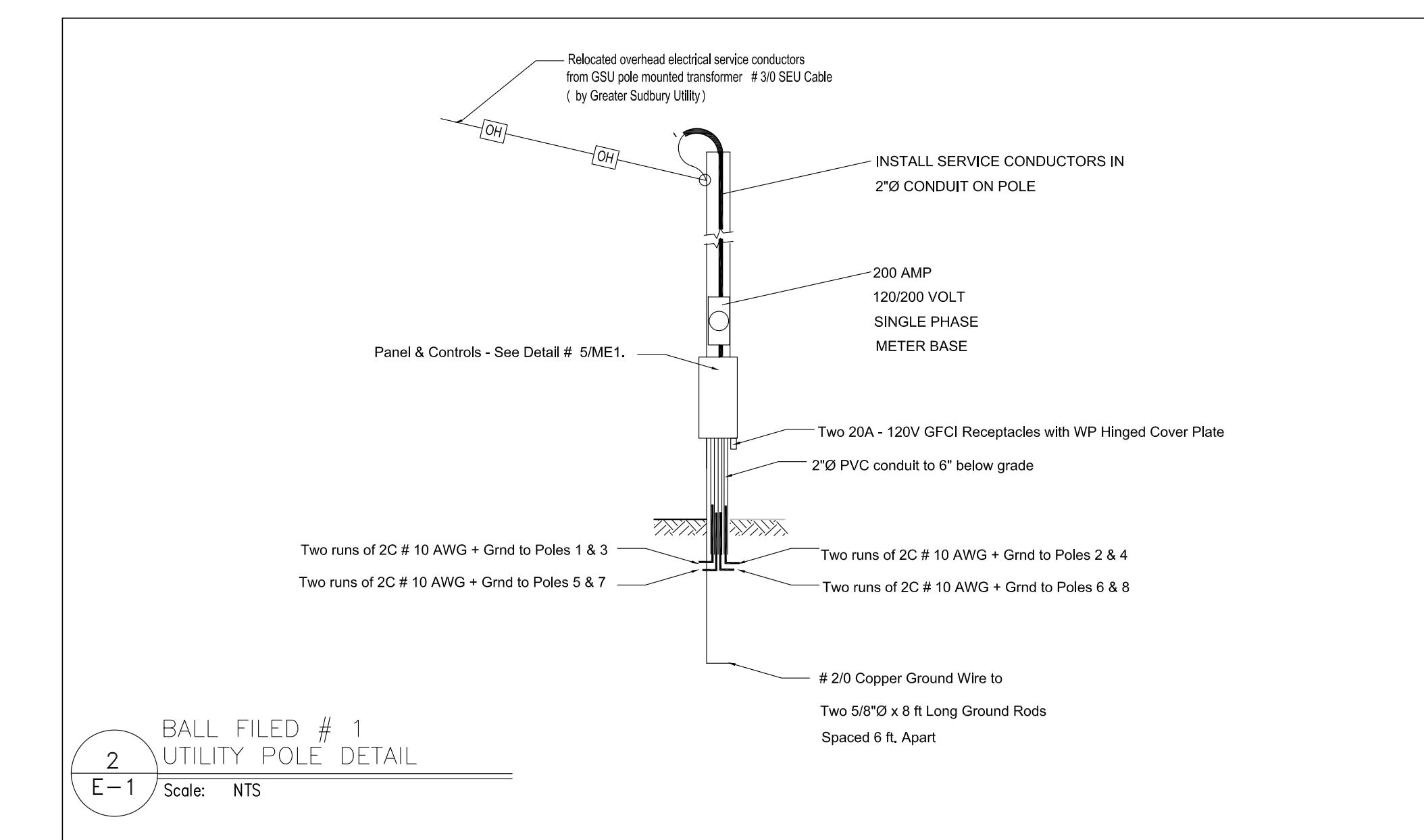
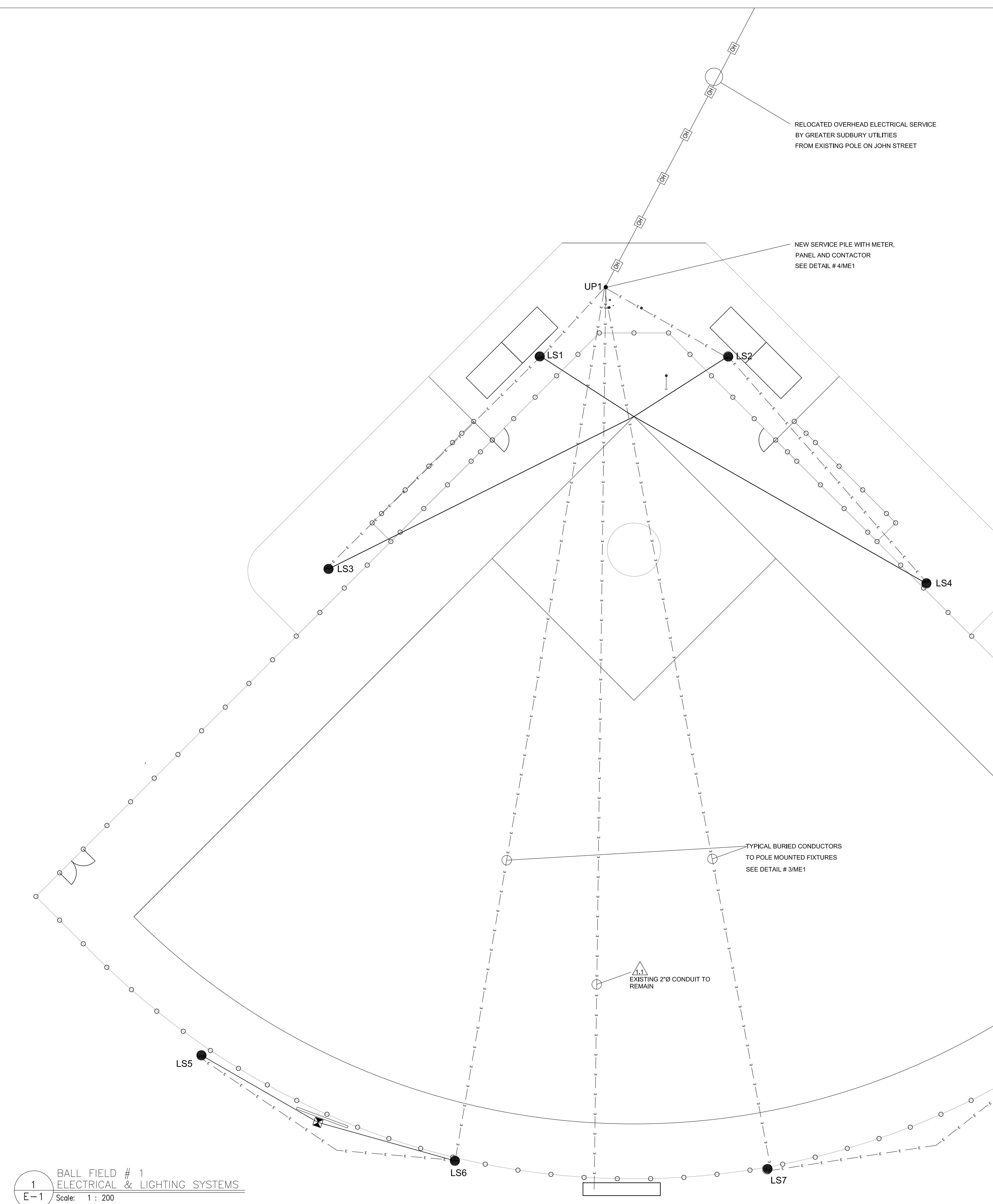
K. LANG ENGINEERING LTD.
 4050 Rishmaki Road
 Sudbury, Ontario P3G 1M4
 Tel: (705) 522-8110
 E-Mail: lang@bellnet.ca



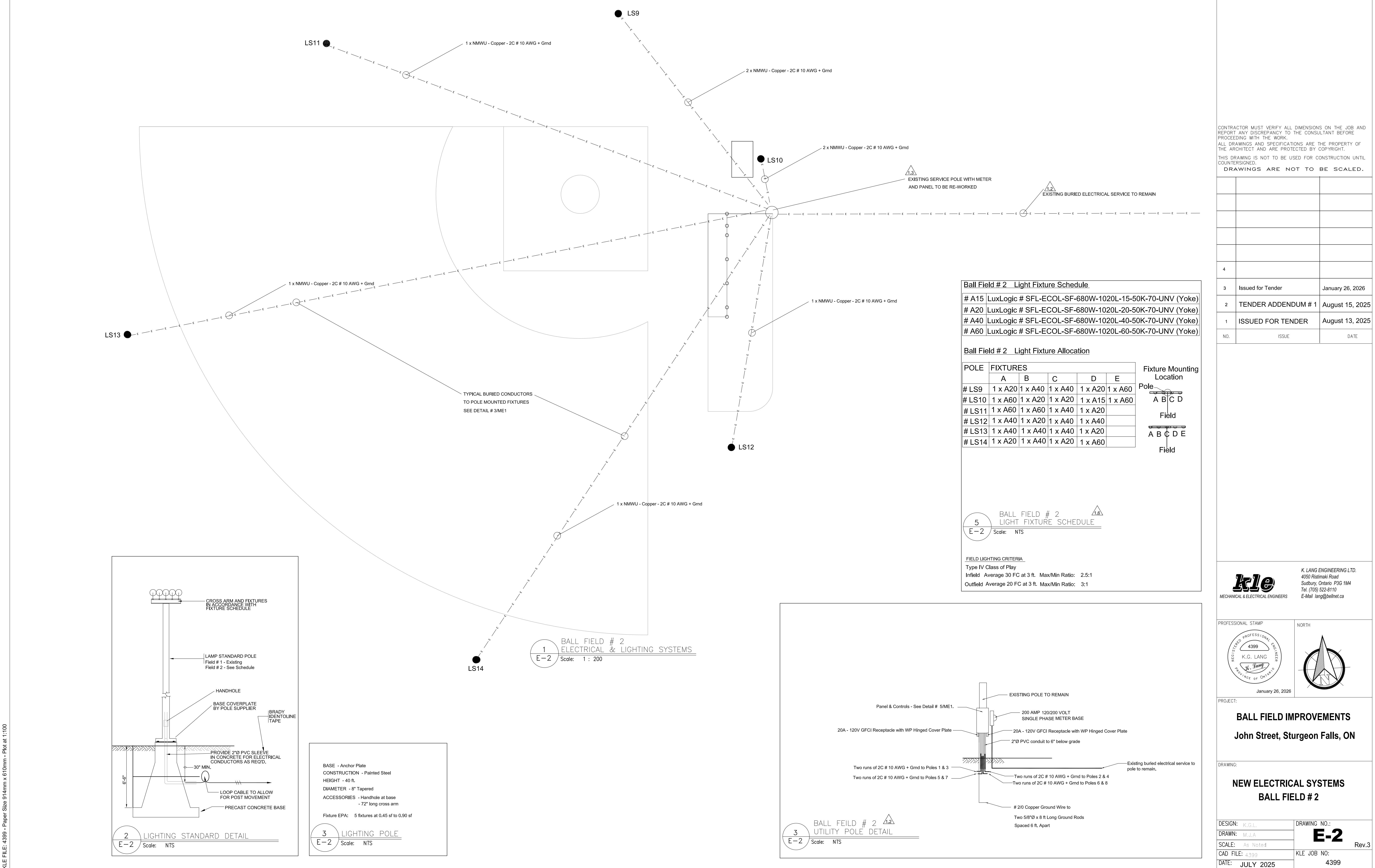
PROJECT: **BALL FIELD IMPROVEMENTS**
John Street, Sturgeon Falls, ON

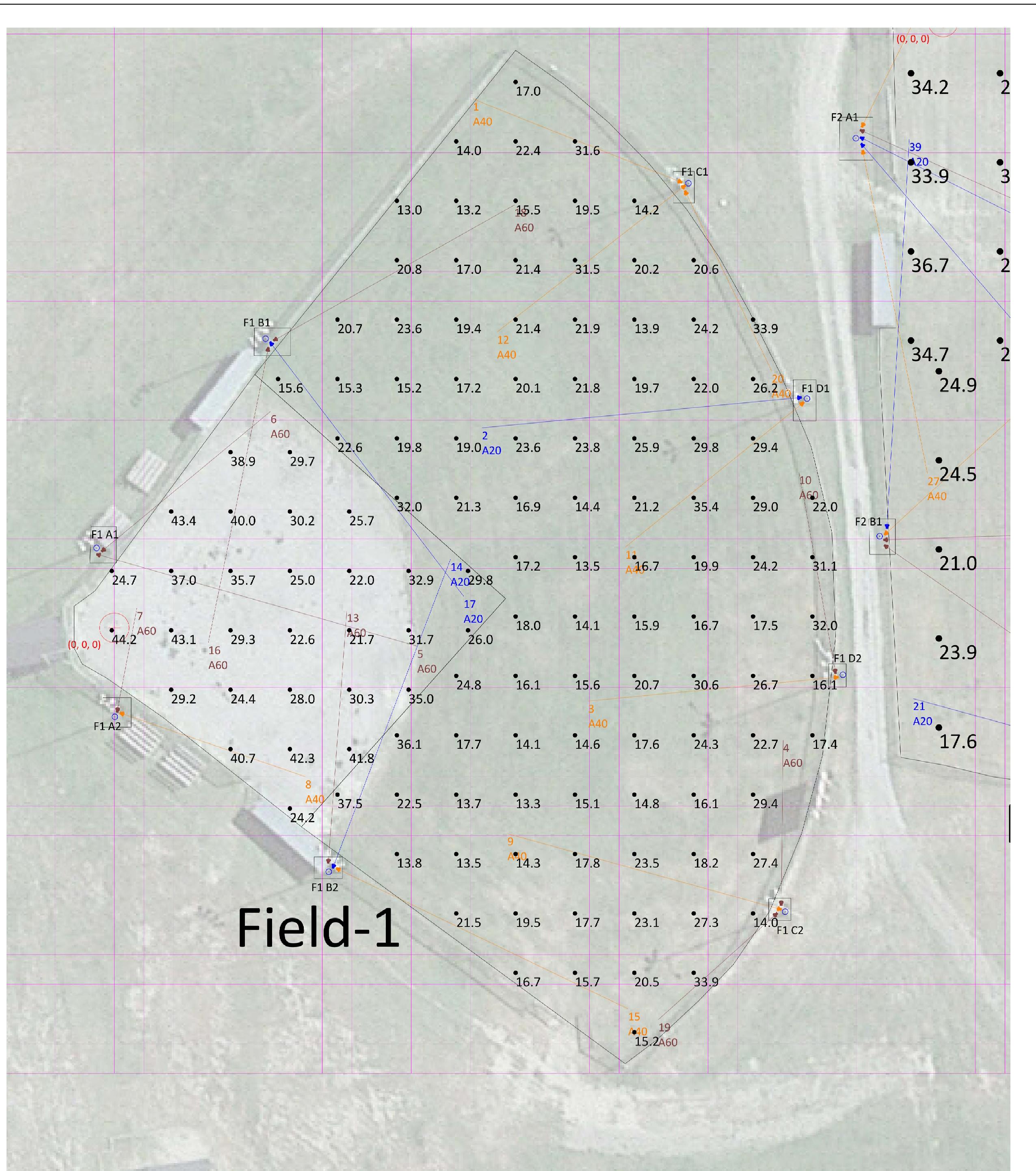
DRAWING: **MECHANICAL - ELECTRICAL SPECIFICATION NOTES & DETAILS**
 DESIGN: K.G.L. DRAWING NO.: **ME-1** Rev.3
 DRAWN: M.J.A.
 SCALE: As Noted
 CAD FILE: 4399
 DATE: JULY 2025



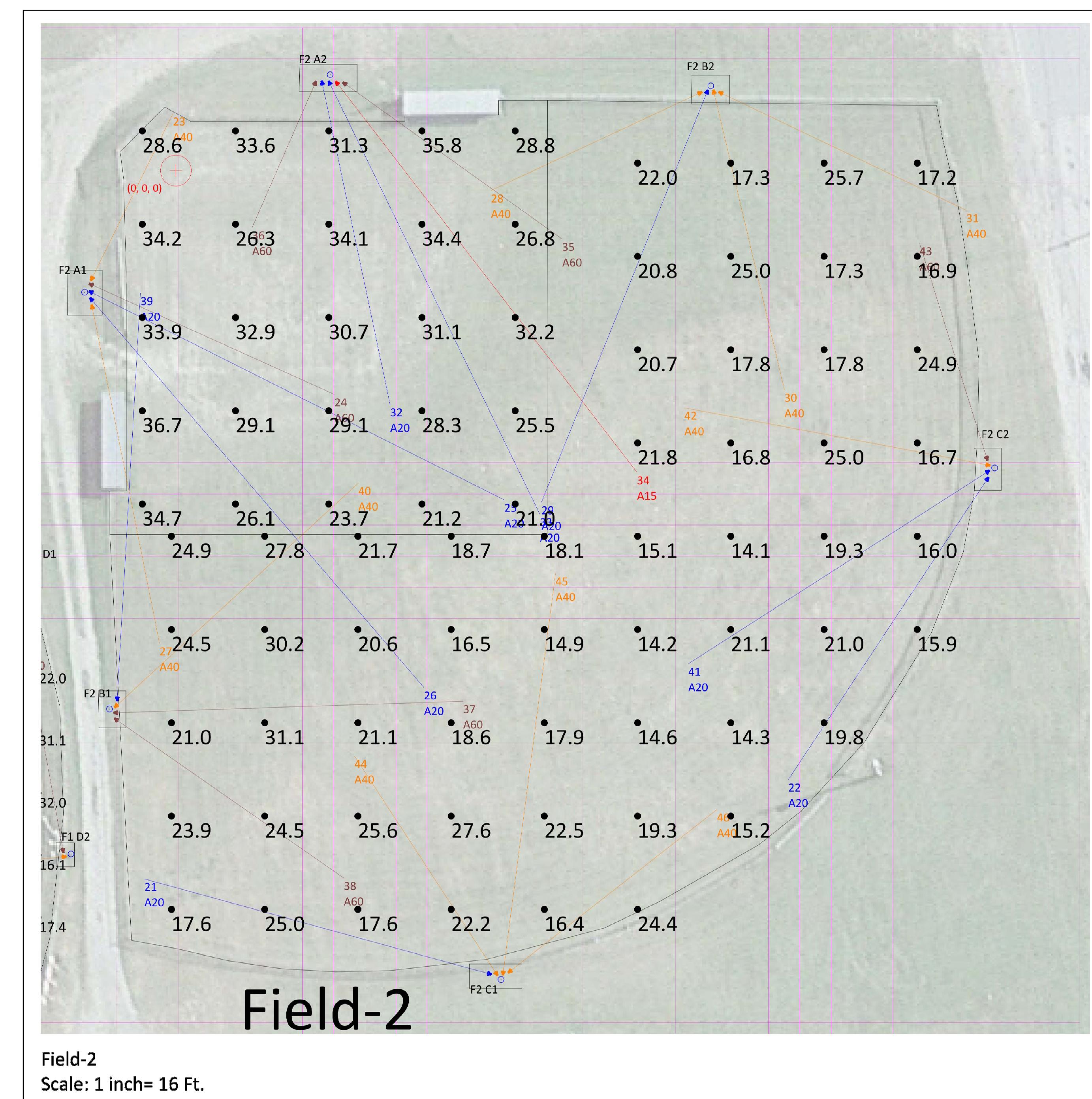


4		
3	Issued for Tender	January 26, 2026
2	TENDER ADDENDUM # 1	August 15, 2025
1	ISSUED FOR TENDER	August 13, 2025
NO.	ISSUE	DATE





Field-1
Scale: 1 inch = 20 Ft.



Field-2

BALL FIELD # 2
ILLUMINATION LEVELS

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND
REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE
PROCEEDING WITH THE WORK.
ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF
THE ARCHITECT AND ARE PROTECTED BY COPYRIGHT.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL
COUNTERSIGNED.
DRAWINGS ARE NOT TO BE SCALED.

4		
3	Issued for Tender	January 26, 2026
2		
1	ISSUED FOR ADDENDUM	August 15, 2022

K. LANG ENGINEERING LTD.
4050 Ristimaki Road
Sudbury, Ontario P3G 1M4
Tel. (705) 522-8110
E-Mail: klang@sympatico.ca

A circular professional stamp. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "PROVINCE OF ONTARIO" at the bottom. The center of the stamp contains the number "4399" above the name "K.G. LANG". Below the name is a signature "K.G. Lang" enclosed in an oval. The stamp is positioned on the left side of the page, with the word "NORTH" written vertically to its right.

PROJECT: **BALL FIELD IMPROVEMENTS**

John Street, Sturgeon Falls, ON

ILLUMINATION LEVELS

DESIGN: K.G.L.	DRAWING NO.:
DRAWN: M.J.A	E-3
SCALE: As Noted	Rev. A
CAD FILE: 4399	KLE JOB NO:
DATE: JULY 2025	4399