



Development Services Building Permit Cover Sheet

VERY IMPORTANT
A PRINTED COPY OF ALL APPROVED DOCUMENTS MUST REMAIN ON THE JOB SITE AND BE AVAILABLE AT ALL TIMES FOR INSPECTORS.

THIS SHEET MUST BE PRINTED IN COLOR

Building

City of Kirkland
Reviewed by J. Bientjes
09/11/2025

APPROVED PLAN SET MUST REMAIN ON SITE.

CITY MARKUPS & APPROVALS MUST BE PRINTED IN RED.

2021 I-Codes with Washington State Amendments
2021 Washington State Energy Codes (WSEC)
2021 Washington State Energy Code - Commercial (WSEC)
2021 Washington State Energy Code - Residential (WSEC)
2021 Uniform Plumbing Code (UPC)
Referenced Standards in 2021 International Mechanical Code
2021 National Fuel Gas Code (NFPA 54)
2021 Liquefied Petroleum Gas Code (NFPA 58)
2023 Washington Cities Electrical Code
2017 National Electrical Code (NFPA 70)
2021 Washington State-Wide Amendments
2021 International Swimming Pool and Spa Code (ISPSA)
2017 ICC A117.1 Accessible and Useable Buildings and Facilities

SEE SHEET S-100 AND S-110 FOR LIST OF REQUIRED SPECIAL INSPECTIONS

(09.11.2025) Applicant has elected to remove the lighting poles, fixtures, and conduits from the scope of work. This work will be done under a separate permit.

Post-Revision #1 (12.01.2025) - Revised plans submitted for the light locations, topographic survey, and structural light base plan sheet.

Planning

Fire

City of Kirkland
123 5th Avenue
Kirkland, WA 98033

INSPECTION RECORD - THIS CARD MUST BE POSTED ON SITE
Schedule an inspection by 6:00 PM for next day inspections
Schedule online at: www.MyBuildingPermit.com

Permit #: **BNO25-05223**

How to request an inspection:
1) Go to <http://www.MyBuildingPermit.com>
2) Select Kirkland as the Jurisdiction.
3) Select Permit Number or Address.
4) Follow the on-screen instructions.

Description of Work:
Lake Washington HS BB-SB Field Renovation [LSM24-06199]: Install Break away Ball Control Netting for baseball and softball fields; Expand dugouts for Baseball and Softball fields; Install new field lighting poles, fixtures, & conduits; Add new backdrop for Softball practice area and wing fencing; install new perimeter fencing; replace outfield fencing for Baseball and Softball fields; Replace Baseball & Softball Batting cages; Add Bullpen to 1st base Baseball and shift existing

BUILDING ADDRESS	PARCEL NUMBER	DATE PRINTED	PERMIT TYPE	WORKCLASS	SQ FT	VALUATION
12033 NE 80TH ST	092559012	9/11/25	Building Not Occupied	New	0	

REQUIRED INSPECTIONS - DO NOT COVER ANY WORK PRIOR TO INSPECTION

Inspection	Inspector	Date	Inspection	Inspector	Date
BLD - Other					
BLD - Footings/Setback/UFER					
BLD - Framing					
BLD - Final					

Inspection Status as of 9/11/25

* Note: 1st erosion control inspection is required prior to any excavation. * 2nd erosion control inspection is required after foundation backfill.
(These erosion control inspections only apply if they are listed on the above checklist)

Departmental staff: BLD is Building Dept, PW is Public Works Dept, PCD is Planning Dept, and FR is Fire Dept
NOTE: THIS INSPECTION RECORD IS THE CERTIFICATE OF OCCUPANCY WHEN THE BUILDING FINAL INSPECTION HAS BEEN APPROVED

BUILDING DEPARTMENT CONDITIONS – Please contact the Planning and Building Department at 425-587-3600 for questions related to this permit.

THE PLANS FOR THIS PROJECT WERE REVIEWED ELECTRONICALLY. Applicant must print a full set of the City stamped electronic plans using ink that is resistant to water damage. This copy of the City stamped plans must be kept on the job site at all times, protected and maintained in good condition.

HOURS OF WORK: 7AM TO 8PM MON-FRI, 9AM TO 6PM SAT; NO WORK SUNDAYS AND HOLIDAYS (PER KZC SEC 115.25). Exceptions must be approved in writing by Planning Official.

CONDITIONS OF APPROVAL - This condition sheet is part of the approved plans and shall remain on site. The approval of plans and specifications does not permit the violation of any section of the International Residential Code, International Building Code or any other ordinances or State law.

APPROVED PLANS - The approved plans shall not be changed, modified, or altered without authorization from the building official. Conditions as indicated below, along with the unchanged information shown on the drawings must be complied with.

SCOPE OF WORK - Changes to the scope of work, design, materials or method of construction will require revised plans to be submitted. The plans must be reviewed and approved by City of Kirkland review staff prior to being implemented in the field. Additional review fees will be charged as applicable.

INSPECTIONS REQUIRED; WHEN TO COVER - See the issued permit for how to schedule inspections. Each phase of construction must be inspected prior to cover. Photos are not a substitute for inspections. It is possible that un-needed inspections are listed on your permit. Please call only for the inspections you need and ask your inspector which apply if you are not sure.

ADDRESS NUMBERS - New and existing buildings shall have approved address numbers placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address number shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches (4") high with a minimum stroke width of 0.5 inches (1/2").

The full language of Kirkland's Construction Administrative Code can be found in KMC Chapter 21.06.

Check Permit Status

<https://PermitSearch.MyBuildingPermit.com>

PERMIT NUMBER: BNO25-05223
PROJECT NAME: Lake Washington HS BB-SB Field Renovation
SITE ADDRESS:

Request an Inspection

<https://Inspection.MyBuildingPermit.com>

LAKE WASHINGTON SCHOOL DISTRICT

LAKE WASHINGTON HIGH SCHOOL BASEBALL AND SOFTBALL FIELD RENOVATION



Lake Washington High School - 12033 NE 80th St, Kirkland, WA 98033

Owner

Lake Washington School District
 16250 NE 74th St.,
 Redmond, WA 98052
 (425) 936-1200 Phone

Civil Engineer

LPD Engineering PLLC
 1932 1ST Ave Suite 500,
 Seattle, WA 98101
 (206) 725-1211 Phone

Structural Engineer

KPFF
 1601 5TH Ave Suite 1600,
 Seattle, WA 98101
 (206) 622-5822 Phone

Field Consultant

D.A. Hogan & Associates, Inc.
 1450 114th Ave SE Suite 225,
 Bellevue, WA 98004
 (206) 285-0400 Phone

Field Lighting

Stantec
 3400 188th St SW Suite 285,
 Lynnwood, WA 98037
 (206) 667-0586 Phone

Geotechnical Engineer

Amec Foster Wheeler Environment & Infrastructure, Inc.
 11810 North Creek Parkway North,
 Bothell, WA 98011
 (425) 368-1000 Phone

REVISION	DATE



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



BUILDING PERMIT

DATE	11/07/2025
SCALE	NTS
DRAWN	FJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

COVER SHEET

SHEET

F-000

LAKE WASHINGTON SCHOOL DISTRICT

LAKE WASHINGTON HIGH SCHOOL BASEBALL AND SOFTBALL FIELD RENOVATION



Lake Washington High School - 12033 NE 80th St, Kirkland, WA 98033

Owner

Lake Washington School District
16250 14th St.,
Bellevue, WA 98005
(206) 936-1200 Phone

Field Consultant

D.A. Hogan & Associates, Inc.
1450 114th Ave SE Suite 225,
Bellevue, WA 98004
(206) 285-0400 Phone

Civil Engineer

LPD Engineering PLLC
1932 1ST Ave Suite 500,
Seattle, WA 98101
(206) 725-1211 Phone

Field Lighting

Stantec
3400 188th St SW Suite 285,
Lynnwood, WA 98037
(206) 667-0586 Phone

Structural Engineer

KPFF
1601 5TH Ave Suite 1600,
Seattle, WA 98101
(206) 622-5822 Phone

Geotechnical Engineer

Amec Foster Wheeler Environment & Infrastructure, Inc.
11810 North Creek Parkway North,
Bothell, WA 98011
(425) 368-1000 Phone

REVISION DATE



LAKE WASHINGTON HS
BASEBALL AND
SOFTBALL FIELD
RENOVATION



DA HOGAN
1450 114th Ave SE, Suite 225
Bellevue, WA 98004
P: 206-285-0400
www.dahogan.com



BUILDING PERMIT

DATE 07/07/2025

SCALE NTS

DRAWN FJ

CHECKED DLA

COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES

COVER SHEET

SHEET

F-000

REVISION	DATE



**LAKE WASHINGTON HS
 BASEBALL AND
 SOFTBALL FIELD
 RENOVATION**

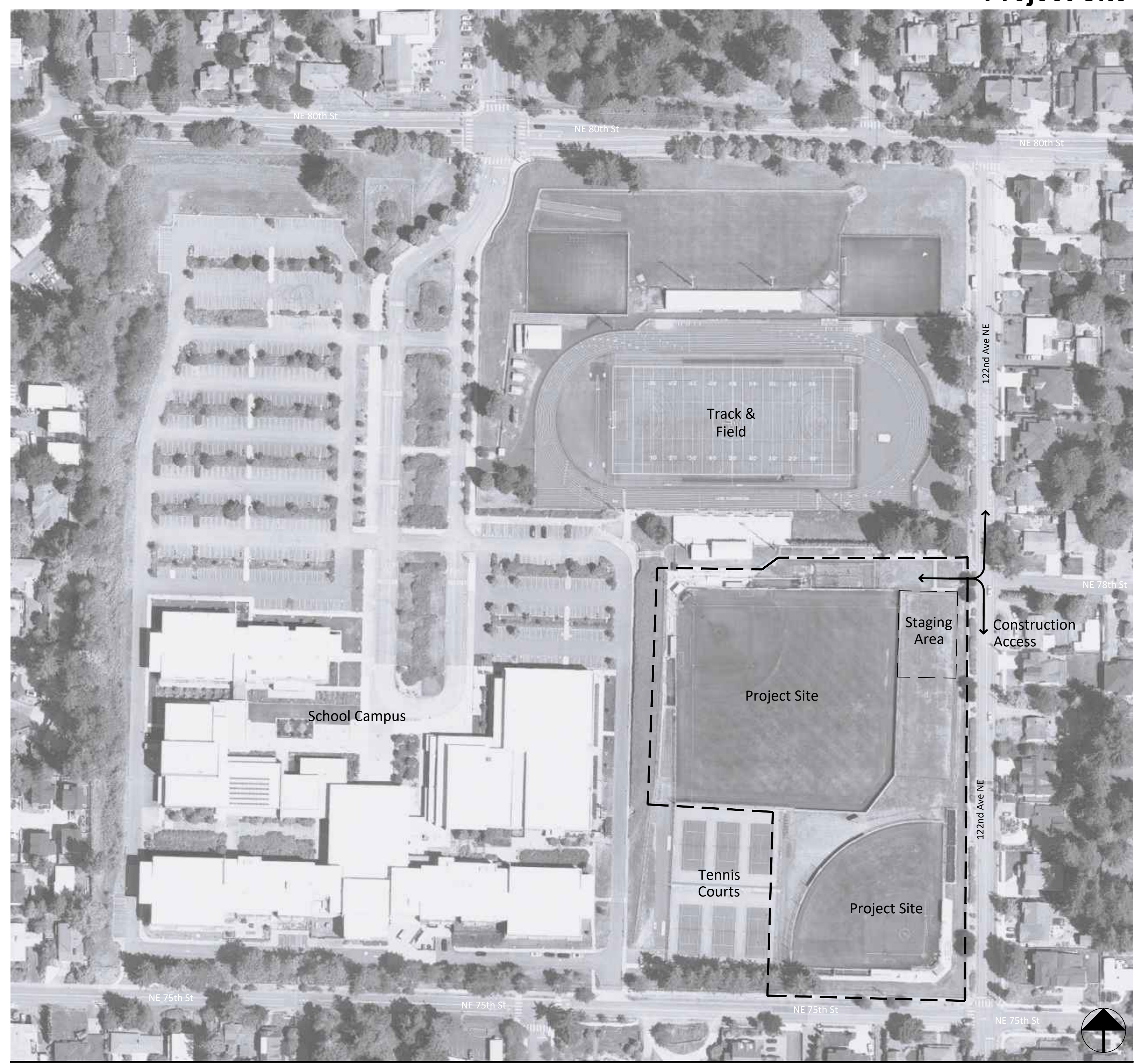


BUILDING PERMIT	
DATE	11/07/2025
SCALE	NTS
DRAWN	FJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

**DRAWING INDEX
 & CAMPUS MAP**

SHEET
F-001

Project Site



Lake Washington High School
 12033 NE 80th St,
 Kirkland, WA

Drawing Index

- F-000 Cover Sheet
- F-001 Drawing Index & Campus Map
- F-002 Site Overview

- F-011 Topographical Survey
- F-111 Layout Plan

- S-100 Structural Notes & Inspection Schedule
- S-101 Pole Foundation Details

- E-011 Electrical Demolition Plan
- E-111 Electrical Plan
- E-210 Electrical Details
- E-211 Electrical One-Line & Panel Schedules

Project Scope

SEE SHEET F-002 FOR PROJECT SCOPE

File: F-00 Cover Sheet and Drawing Index - BLDG PERMIT.dwg Plotted by: Forrest Date: 07-Nov-25 2:27:28pm



Project Site

Lake Washington High School
12033 NE 80th St,
Kirkland, WA

Drawing Index

- F-000 Cover Sheet
- F-001 Drawing Index & Campus Map
- F-002 Site Overview

- F-011 Topographical Survey

- F-111 Layout Plan
- F-151 Fencing Plan

- F-201 Fence Details
- F-211 Backstop Details
- F-231 Dumpster Details
- F-232 Lighting Above Fencing
- F-233 Breakaway Ball Control Lighting

- F-250 Baseball & Softball Batting Cage Details
- F-261 Gate Details

- S-100 Structural Notes & Inspection Schedule
- S-101 Pole Foundation Details

- F-110 Fencing Posts

SHEET F-001
REPLACES SHEET F-001 FROM

Project Scope

SEE SHEET F-002 FOR PROJECT SCOPE

REVISION	DATE



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



DA HOGAN
1450 114th Ave. SE, Suite 225
Bellevue, WA 98004
P: 206-285-0400
www.dahogan.com



BUILDING PERMIT

DATE 07/07/2025

SCALE NTS

DRAWN FJ

CHECKED DLA

COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES

DRAWING INDEX & CAMPUS MAP

SHEET

F-001

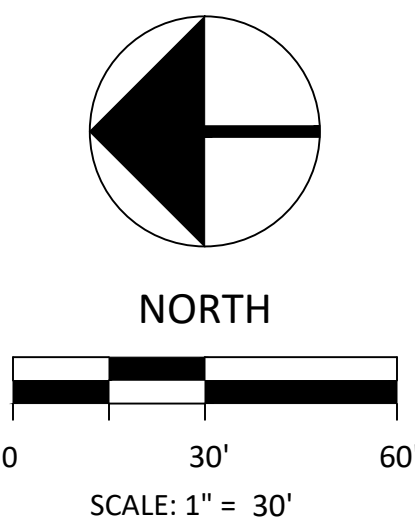


- LEGEND:**
- (A) INFILLED SYNTHETIC TURF FIELD WITH BASEBALL (310' LF, 400' CF, 300' RF), SOCCER (330'x195'), FLAG FOOTBALL (210'x90'). AND PRACTICE FOOTBALL (360'x160')
 - (B) BASEBALL BATTING CAGES
 - (C) BASEBALL BULLPENS
 - (D) EXISTING BASEBALL BACKSTOP
 - (E) INFILLED SYNTHETIC TURF SOFTBALL FIELD
 - (F) EXISTING SOFTBALL BACKSTOP
 - (G) NEW SOFTBALL BATTING CAGES
 - (H) EXISTING SOFTBALL BULLPEN
 - (J) NEW SOFTBALL BULLPEN
 - (K) SOCCER GOAL AND TEMPORARY FENCE STORAGE
 - (L) CONEX DRY STORAGE (SIZE: 10'x20') INCLUDE ROLLUP DOOR
 - (M) SOFTBALL MARKINGS
 - (N) BACKSTOP - 30' HT
 - (O) DUGOUT - 30'L x 10'D
 - (P) SCOREBOARD (SEE ELECTRICAL)
 - (Q) FLAG POLE
 - (R) STORMGUARD BALL CONTROL NETTING (NETTING HEIGHT RANGE 20' - 40' HT)
 - (S) FIELD LIGHTING (SEE ELECTRICAL)
 - (T) APPROXIMATE LIMITS OF EXISTING GEOTHERMAL WELL SYSTEM. PROTECT SYSTEM THROUGHOUT CONSTRUCTION. DEPTH APPROXIMATELY 425' FIELD VERIFY. LIMIT OF EXCAVATION 426' MAX.

REVISION	DATE



**LAKE WASHINGTON HS
BASEBALL AND
SOFTBALL FIELD
RENOVATION**



BUILDING PERMIT

DATE	11/07/2025
SCALE	1"=30'
DRAWN	REF
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

SITE OVERVIEW

File: F-01 LWHHS BB-SB CONFORMED 24x36 Building Permit.dwg Plotted by: korrest | Date: 03-Jul-25 4:25:59pm

BNO25-05223 COMMENT RESPONSE

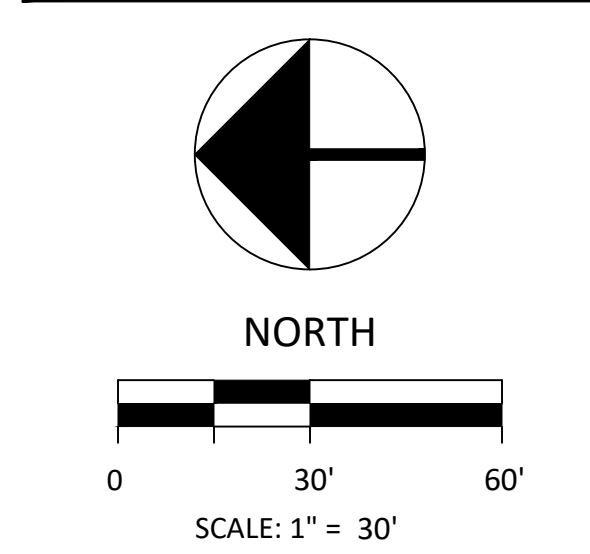
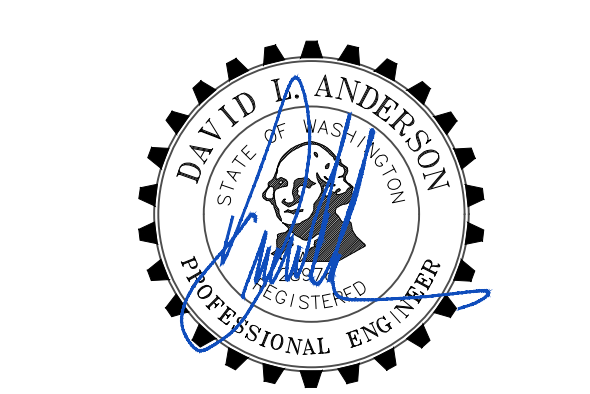
LEGEND:

- (A) INFILLED SYNTHETIC TURF WITH BASEBALL (310' x 310'), SOCCER (320' x 320'), FLAG FOOTBALL (210' x 300') AND PRACTICE FOOTBALL (300' x 300')
- (B) BASEBALL BATTING CAGES
- (C) BASEBALL BULLPENS
- (D) EXISTING BASEBALL BACKSTOP
- (E) INFILLED SYNTHETIC TURF SOFTBALL FIELD
- (F) EXISTING SOFTBALL BACKSTOP
- (G) NEW SOFTBALL BATTING CAGES
- (H) EXISTING SOFTBALL BULLPEN
- (J) NEW SOFTBALL BULLPEN
- (K) SOCCER GOALS AND TEMPORARY EQUIPMENT STORAGE
- (L) CONEX DRY STORAGE (SIZE: 10'x20') INCLUDE ROLL UP DOOR
- (M) SOFTBALL MARKINGS
- (N) BACKSTOP - 30' HT
- (O) DUGOUT - 30' L x 10' D
- (P) SCOREBOARD (SEE ELECTRICAL)
- (Q) FLAG POLE
- (R) STORMGUARD BALL CONTROL NETTING (NETTING HEIGHT RANGE 20' - 40' HT)
- (S) FIELD LIGHTING (SEE ELECTRICAL)
Submitted under separate permit 09052025
- (T) APPROXIMATE LIMITS OF EXISTING GEOTHERMAL WELL SYSTEM. PROTECT SYSTEM THROUGHOUT CONSTRUCTION. DEPTH APPROXIMATELY 425' FIELD VERIFY. LIMIT OF EXCAVATION 426' MAX.

REVISION	DATE



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



BUILDING PERMIT	
DATE	07/07/2025
SCALE	1"=30'
DRAWN	REF
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

SITE OVERVIEW

SHEET
F-002



File: F-01 LWHHS BB-SB CONFORMED 24x36 Building Permit.dwg Plot Date: 03-11-2025 10:00 AM

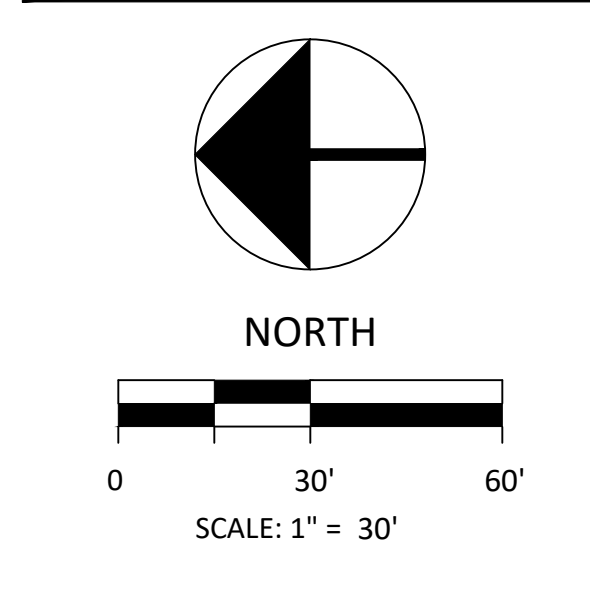
REVISION	DATE



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



NOTE:
 1. STAMPED/ SIGNED SURVEY ON FILE
 2. NOT ALL UTILITIES SHOWN ARE FIELD VERIFIED - D.A. HOGAN HAS MODIFIED THE SURVEY IN SOME INSTANCES TO INCLUDE AS-BUILT UTILITY INFORMATION PROVIDED BY THE OWNER. FIELD VERIFY AT INITIAL SITE PREPARATION WHERE NOTED



BUILDING PERMIT	
DATE	07/07/2025
SCALE	1"=30'
DRAWN	-
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

TOPOGRAPHICAL SURVEY

SHEET
F-011

LEGEND			
	WATER		LUMINAIRE
	HYDRANT		PEDESTRIAN POLE
	FDC		METER
	POST INDICATOR VALVE		GAS VALVE
	WATER BLOW OFF		MAILBOX
	WATER METER		NEWS PAPER BOX
	IRR. CONTROL		TRASH CAN
	MANHOLE		ROOKERY
	POWER TRANSFORMER		GATE
	POWER/COMM. VAULT		SUBSURFACE GEO-WELL
	WATER/UTILITY VAULT		SPOT ELEVATION
	POWER MANHOLE		SIZE & TYPE (CONIFEROUS TREE)
	COMM. MANHOLE		SIZE & TYPE (DECIDUOUS TREE)
	WATER MANHOLE		REBAR AND CAP (SET)
	POWER METER		REBAR AND CAP (FOUND)
	SURFACE JUNCTION BOX		TACK AND LEAD HUB AND TACK
	SUBSURFACE JUNCTION BOX		CASED MONUMENT
	POWER/UTILITY POLE		BENCHMARK
	W/DROP		SURFACE MONUMENT
	ANCHOR POLE		SURVEY CONTROL POINT
	GUY ANCHOR		PER LWHS ATHLETIC FIELDS IMPROVEMENTS 2013-2016
	TRAFFIC SIGNAL POLE		
	STREET LIGHT		
	LUMINAIRE (DOUBLE)		

	CENTER LINES
	PROPERTY LINES
	RIGHT-OF-WAY LINES
	SUBDIVISION LINES
	QUARTER SECTION LINE
	SIXTEENTH SECTION LINE
	HISTORICAL LINES
	EASEMENT LINES
	LOT LINES
	EDGE OF ASPHALT
	DITCH LINE
	WATER LINE
	IRRIGATION WATER LINE
	SANITARY SEWER LINE
	STORM DRAIN LINE
	STORM DRAIN PER PLAN
	GAS LINE
	UNDERGROUND POWER LINES
	COMMUNICATION LINES
	OVERHEAD UTILITY LINES
	HIGH WATER LINE
	WETLAND BOUNDARY LINE
	CHAIN LINK FENCE
	DEMO CHAIN LINK FENCE
	WOOD FENCE
	EDGE OF VEGETATION/HEDGE LINE

NOTES

SURVEY DATA

JOB NUMBER 24570
 CLIENT DA HOGAN & ASSOCIATES
 PM
 CAD
 DRAWING SCALE AS NOTED
 FIELD CREW ES/DC/AD
 FIELD BOOKS 775
 DRAWING NAME F-011 BB-SB CONFORM
 PROJECT NAME
 SURFACE NAME 2027-EG

HORIZONTAL DATUM

HORIZONTAL DATUM: NAD 83/91 BASED ON FOUND MONUMENTS AT THE QUARTER CORNER OF SECTION 9, TOWNSHIP 25 NORTH, RANGE 5 EAST W.M. (CITY OF KIRKLAND CONTROL POINT #21) AND THE NORTHEAST CORNER OF SECTION 9, TOWNSHIP 25 NORTH, RANGE 5 EAST (WASHINGTON COUNCIL OF COUNTY SURVEYORS CONTROL POINT #20) BEING A BEARING OF N89°43'52"W.

VERTICAL DATUM

VERTICAL DATUM: NAVD 88 BASED ON CITY OF KIRKLAND BENCHMARK #21, PUBLISHED ELEVATION=413.98'

SITE AREA: 1,654,053 SQ. FT. OR 37.972 ACRES

ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS OTHERWISE NOTED.

THE LOCATION AND DESCRIPTION OF ALL SURVEY MARKERS SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS TAKEN IN AUGUST, 2018 UNLESS OTHERWISE INDICATED.

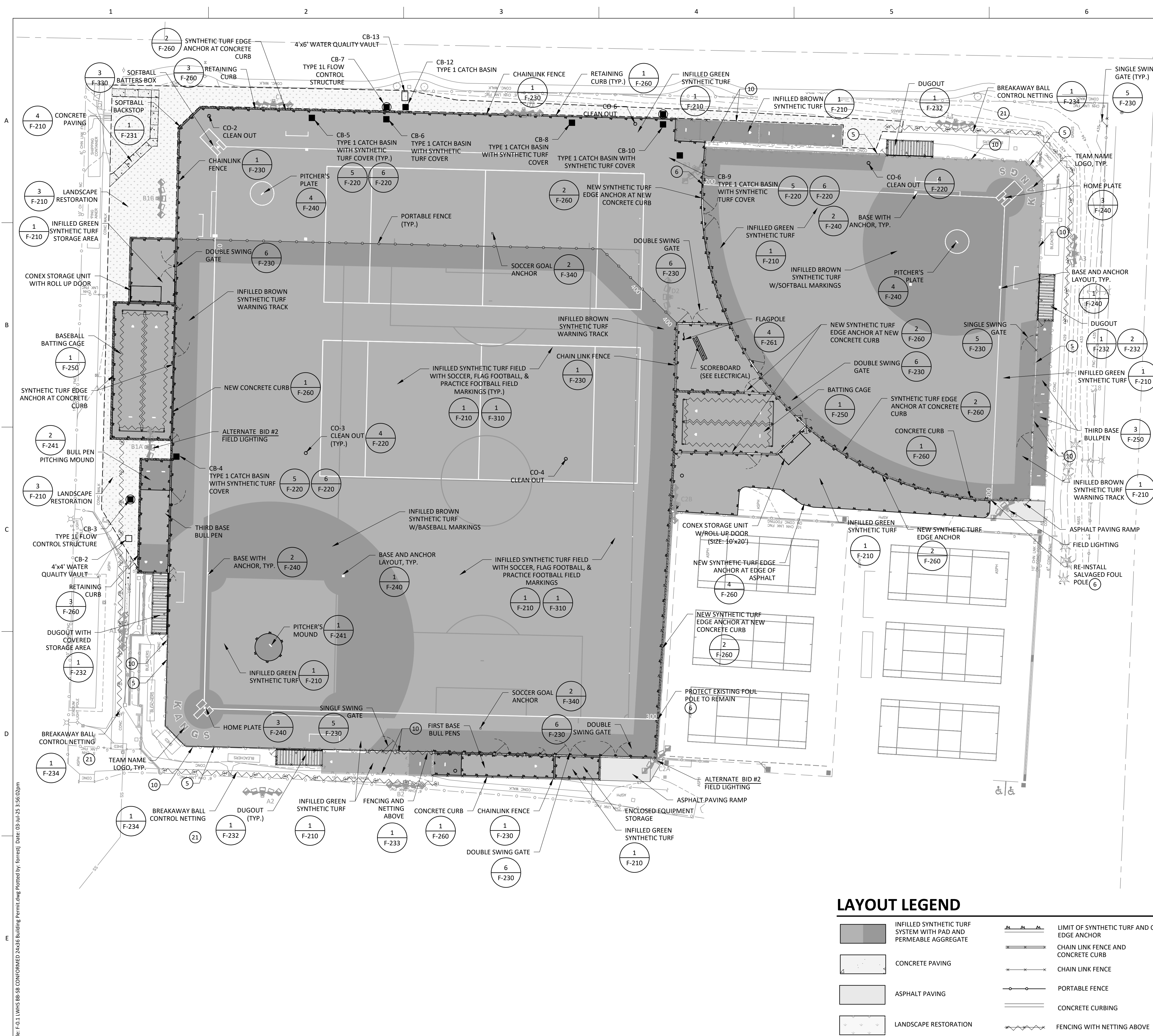
WORK PERFORMED IN CONJUNCTION WITH THIS SURVEY UTILIZED THE FOLLOWING EQUIPMENT AND PROCEDURES: (A) 1" TRIMBLE S6 SERIES ELECTRONIC TOTAL STATION, MAINTAINED TO THE MANUFACTURER'S SPECIFICATIONS PER W.A.C. 332-130-100. (B) FIELD TRAVERSE, EXCEEDING REQUIREMENTS SET FORTH IN W.A.C. 332-130-090.

THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT PURPORT TO SHOW ALL EASEMENTS.

THIS TOPOGRAPHICAL SURVEY DRAWING ACCURATELY PRESENTS SURFACE FEATURES LOCATED DURING THE COURSE OF THIS SURVEY. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED SOLELY UPON INFORMATION PROVIDED BY OTHERS AND PACE ENGINEERS, INC. DOES NOT ACCEPT RESPONSIBILITY OR ASSUME LIABILITY FOR THEIR ACCURACY OR COMPLETENESS. CONTRACTOR/ENGINEERS SHALL VERIFY EXACT SIZE AND LOCATION PRIOR TO CONSTRUCTION.
 CALL FOR LOCATE: UTILITY LOCATION SERVICE: 811



PACE Engineers
 11255 Kirkland Way, Suite 300
 Kirkland, WA 98033
 p. 425.827.2014
 www.paceengrs.com



LAYOUT NOTES

- FURNISH AND INSTALL TURF ANCHOR AROUND THE ENTIRE LIMITS OF SYNTHETIC TURF, EXCEPT WHERE EXISTING ANCHOR REMAINS IN PLACE.
- FURNISH AND INSTALL NEW BASES, PLATES AND ANCHORS IN THE INFIELD AND BULLPEN AREAS, FOR BOTH BASEBALL AND SOFTBALL.
- SYNTHETIC TURF INFILL MATERIALS TO MATCH FLUSH WITH EXISTING CONCRETE CURBS TO REMAIN AND AT ALL GATE LOCATIONS.
- FURNISH AND INSTALL PERMEABLE FIELD BASE MATERIALS FOR THE ENTIRE SYNTHETIC TURF BASEBALL FIELD EXCEPT INFILL AND SIMILAR FOR SOFTBALL FIELD. AREAS TO INCLUDE BATTING CAGES, BULLPENS, AND AREA BETWEEN FIELDS WHERE SYNTHETIC TURF WILL BE INSTALLED.
- PROTECT EXISTING BACKSTOP AND WING FENCING FROM DAMAGE THROUGHOUT CONSTRUCTION. EXISTING FABRIC AND RAILS MAY BE REMOVED AND REINSTALLED AT THE CONTRACTOR'S OPTION.
- PRIOR TO INSTALLATION OF ANY IMPROVEMENTS, THE CONTRACTOR SHALL ACCURATELY SURVEY AND FIELD CONFIRM THE LOCATIONS OF HOME PLATE, 1ST/2ND/3RD BASE, FOUL POLE, AND FOUL LINES. CONFIRMATION AND SUBSEQUENT CONSTRUCTION, INCLUDING INSTALLATION OF NEW BASES AND PLATES, SHALL ENSURE THAT 1ST AND 3RD BASE LINES RESULT IN AN INTERNAL 90 DEGREE ANGLE, AND THAT FOUL POLES REPRESENT A TRUE EXTENSION OF EACH FOUL LINE.
- AT BASEBALL FIELD THE INFIELD ARC HAS ITS CENTER POINT 60.50' FROM HOME PLATE ALIGNED WITH PITCHERS PLATE. THE INFIELD ARC HAS A 95.00' RADIUS.
- SEE SHEET F-310 FOR SYNTHETIC TURF FIELD LINES AND MARKINGS.
- THE CONTRACTOR SHALL SECURE ANY UNSECURED PROJECT AREAS WITH 6 FOOT HIGH TEMPORARY CHAIN LINK FENCING.
- SYNTHETIC TURF INFILL TO MATCH FLUSH WITH ADJACENT SURFACES.
- NEW PAVING TO MEET AND MATCH FLUSH WITH EXISTING ADJACENT SURFACES WHERE INDICATED.
- ALL SURFACE TRANSITIONS ARE FLUSH TO ADJACENT PROPOSED OR EXISTING SURFACES UNLESS NOTED OTHERWISE.
- ALL PERMEABLE AGGREGATE AND SYNTHETIC TURF SURFACES ARE CONTAINED WITHIN A CAST IN PLACE CONCRETE CURB.
- COORDINATE LAYOUT OF ALL UTILITIES WITH THAT OF EMBEDDED FEATURES INCLUDED, BUT NOT LIMITED TO, FENCE POSTS, FOUL POLES, BATTING CAGES, FIELD EVENT SLEEVE FOUNDATIONS, AND SCOREBOARD FOUNDATIONS. WHERE IN CONFLICT NOTIFY THE ENGINEER IMMEDIATELY BEFORE MAKING ADJUSTMENTS IN THE FIELD. PROTECT ALL EXISTING UTILITIES TO REMAIN THROUGHOUT CONSTRUCTION.
- COORDINATE FENCE POST LOCATIONS TO AVOID EXISTING OR PROPOSED UTILITIES.
- RESTORE ALL DISTURBED NON-SURFACE PERIMETER AREAS.
- PROVIDE EXPANSION JOINTS FOR ALL CONCRETE PAVING, EDGE ANCHORING, AND CURBIN APPROXIMATELY 40' ON CENTER. PROVIDE CONTROL JOINTS AND CONCRETE SCORING PATTERN AT ALL FENCE POST LOCATIONS AND 10' ON CENTER.
- SEE FENCING PLAN SHEET F-151 FOR EXTENT AND HEIGHTS OF VARIOUS FENCES. SEE DETAILS FOR CURBS AND FENCES.
- FURNISH AND INSTALL TWO (2) PORTABLE SOCCER GOALS. PROVIDE ONE (1) GROUND ANCHORS WITH TURF COVER FOR EACH SOCCER GOAL.
- LAYOUT CONTROL PLAN ON SHEET F-161. DIGITAL DATA PROVIDED TO CONTRACTOR AFTER BID AWARD UPON REQUEST.
- PATCH POROUS CONCRETE AT ALL NET POST LOCATIONS.

NOTE LEGEND
 1 (INDICATES GENERAL CONSTRUCTION NOTE)
 3 (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

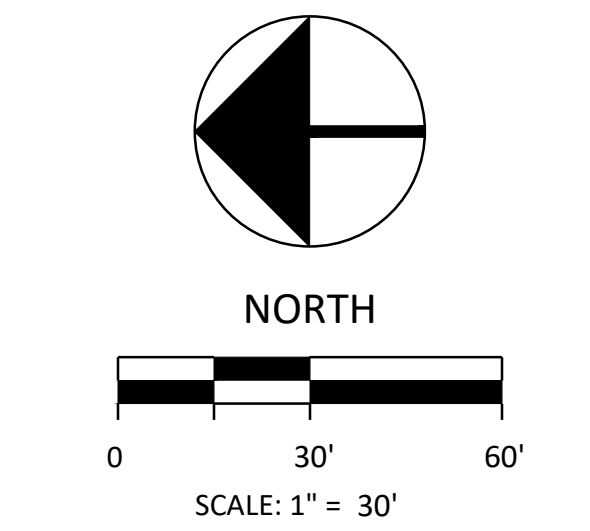
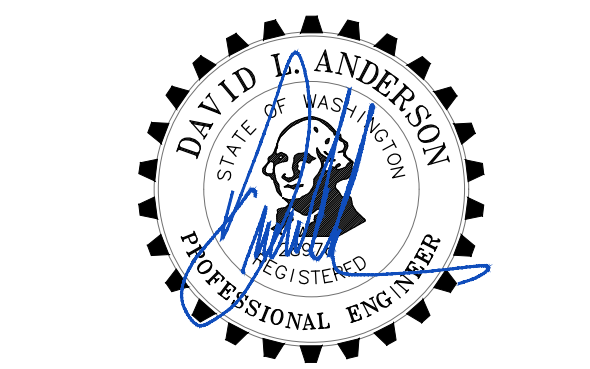
LAYOUT LEGEND

	INFILLED SYNTHETIC TURF SYSTEM WITH PAD AND PERMEABLE AGGREGATE		LIMIT OF SYNTHETIC TURF AND CONCRETE EDGE ANCHOR		EXISTING NETTING AND POSTS TO REMAIN
	CONCRETE PAVING		CHAIN LINK FENCE AND CONCRETE CURB		BREAKAWAY NETTING (ADDITIVE ALTERNATE BID #1)
	ASPHALT PAVING		CHAIN LINK FENCE		TYPE 1 CATCH BASIN WITH FLOW RESTRICTOR CLEANOUT
	LANDSCAPE RESTORATION		PORTABLE FENCE		CATCH BASIN INLET (C.B.I.) TYPE 1
			CONCRETE CURBING		MODULAR WETLAND
			FENCING WITH NETTING ABOVE		

REVISION	DATE



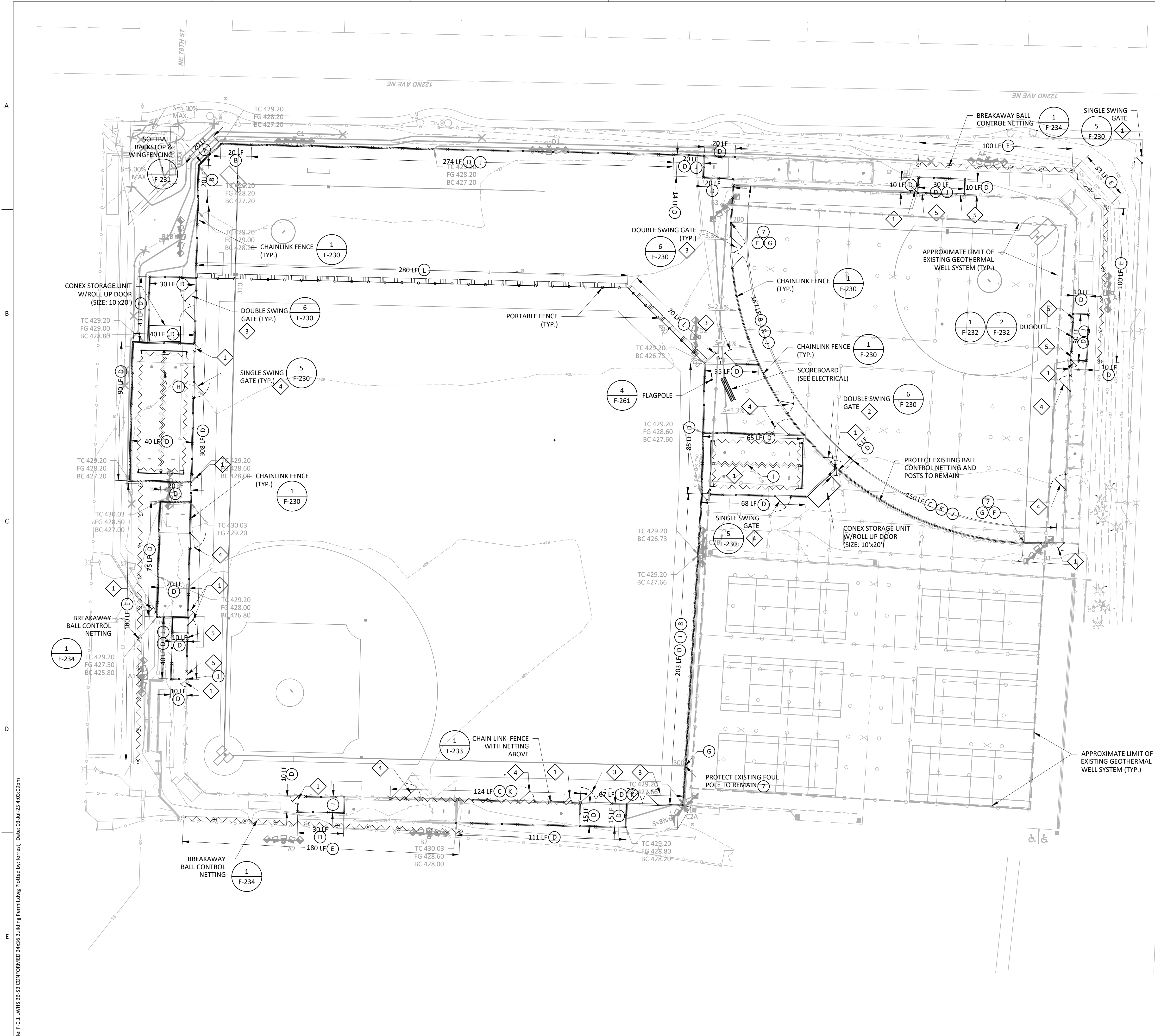
LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



BUILDING PERMIT	
DATE	07/07/2025
SCALE	1"=30'
DRAWN	FJ/SKB
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

LAYOUT PLAN

SHEET
F-111



FENCE TYPE KEY

- (A) 30' HEIGHT CHAIN LINK FENCE; 2" MESH X6 GAUGE BELOW 10', X9 GAUGE ABOVE 10', TOP AND 5' INTERMEDIATE RAILS. INSTALL 2x10 STOPBOARDS 1" CLEAR FROM FINISH GRADE.
- (B) 30' HEIGHT CHAIN LINK FENCE; 2" MESH X6 GAUGE BELOW 10', X9 GAUGE ABOVE 10', TOP, BOTTOM, AND 5' INTERMEDIATE RAILS
- (C) 25' OVERALL; 10' HEIGHT CHAIN LINK FENCE, 15' X2"SQ. NYLON NETTING ABOVE
- (D) 10' HEIGHT CHAIN LINK FENCE; 2" MESH X9 GAUGE, TOP, MIDDLE, BOTTOM RAIL.
- (E) ALTERNATE BID #1: BREAKAWAY BALL CONTROL NETTING 40' TO 20' HT. OVERALL, 20' x 2" SQ NYLON NETTING.
- (F) SALVAGED FOUL POLE
- (G) OUTFIELD SIGN
- (H) BASEBALL BATTING TUNNEL
- (I) SOFTBALL BATTING TUNNEL
- (J) WINDSCREEN (ENTIRE HEIGHT OF FENCE)
- (K) FENCE CAP
- (L) PORTABLE BALL CONTROL NETTING - SPORTAFENCE - 6'x10' WHEELED PORTABLE PANELS

NOTE LEGEND

- 1 (INDICATES GENERAL CONSTRUCTION NOTE)
- 3 (INDICATES SPECIFIC CONSTRUCTION KEYNOTE)

GATE TYPE KEY (ALL CHAINLINK)

- 1 5' SINGLE SWING GATE
- 2 10' DOUBLE SWING GATE (2 X 5')
- 3 20' DOUBLE SWING GATE (2 X 10')
- 4 10' SINGLE SWING GATE
- 5 5' OPENING (NO LEAF)

FENCING NOTES

1. END OF FENCE. MEET AND MATCH EXISTING FENCE TO PROVIDE SECURE ENCLOSURE
2. GATE LOCATIONS ARE SHOWN APPROXIMATE.
3. GATES TO BE CENTERED AT PERPENDICULAR PATHWAYS WHEN OCCURS.
4. ALL GATES ARE LOCKABLE.
5. INSTALL LOCK BACK POST ON ALL SWING GATES.
6. FOR ALL EXISTING FENCING TO REMAIN. POSTS, RAILS, FABRIC, AND APPURTENANCES SHALL BE PROTECTED DURING CONSTRUCTION.
7. PROTECT EXISTING SOFTBALL FOUL POLES IN PLACE OR REINSTALL SALVAGED FOUL POLES AT EXISTING LOCATION.
8. RESET LINE POSTS ALONG NORTH SIDE OF TENNIS COURTS AFTER NEW CURB IS POURED. ADD WINDSCREEN

FENCING LEGEND

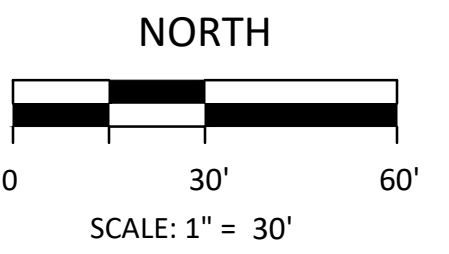
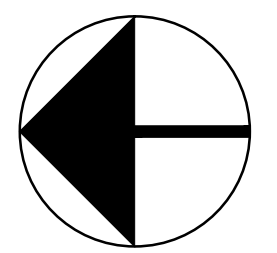
- CHAIN LINK FENCE AND CONCRETE CURB
- CHAIN LINK FENCE
- PORTABLE FENCE
- CONCRETE CURBING
- EXISTING FENCE TO REMAIN
- EXISTING NETTING TO REMAIN
- FENCING WITH NETTING ABOVE
- BREAKAWAY NETTING (ADDITIVE ALTERNATE BID #1)
- FENCE TYPE AND LIMIT
- GATE TYPE
- STRUCTURAL NET POST



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



1450 114th Ave. SE, Suite 225
Bellevue, WA 98004
P: 206-285-0400
www.dahogan.com



BUILDING PERMIT

DATE	07/07/2025
SCALE	1"=30'
DRAWN	FJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

FENCING PLAN

SHEET

F-151

REVISION	DATE



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



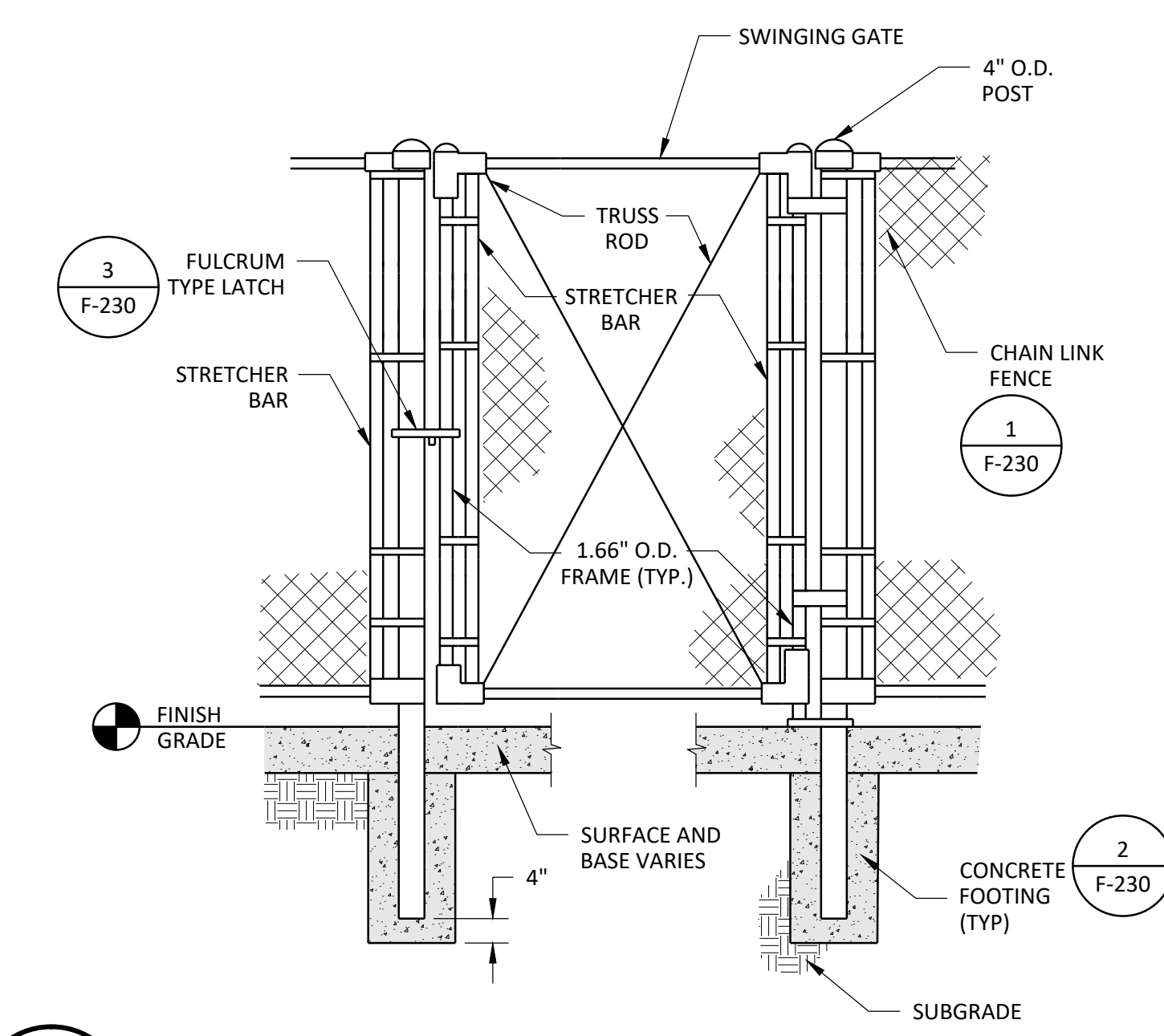
1450 114th Ave. SE, Suite 225
Bellevue, WA 98004
P: 206-285-0400
www.dahogan.com



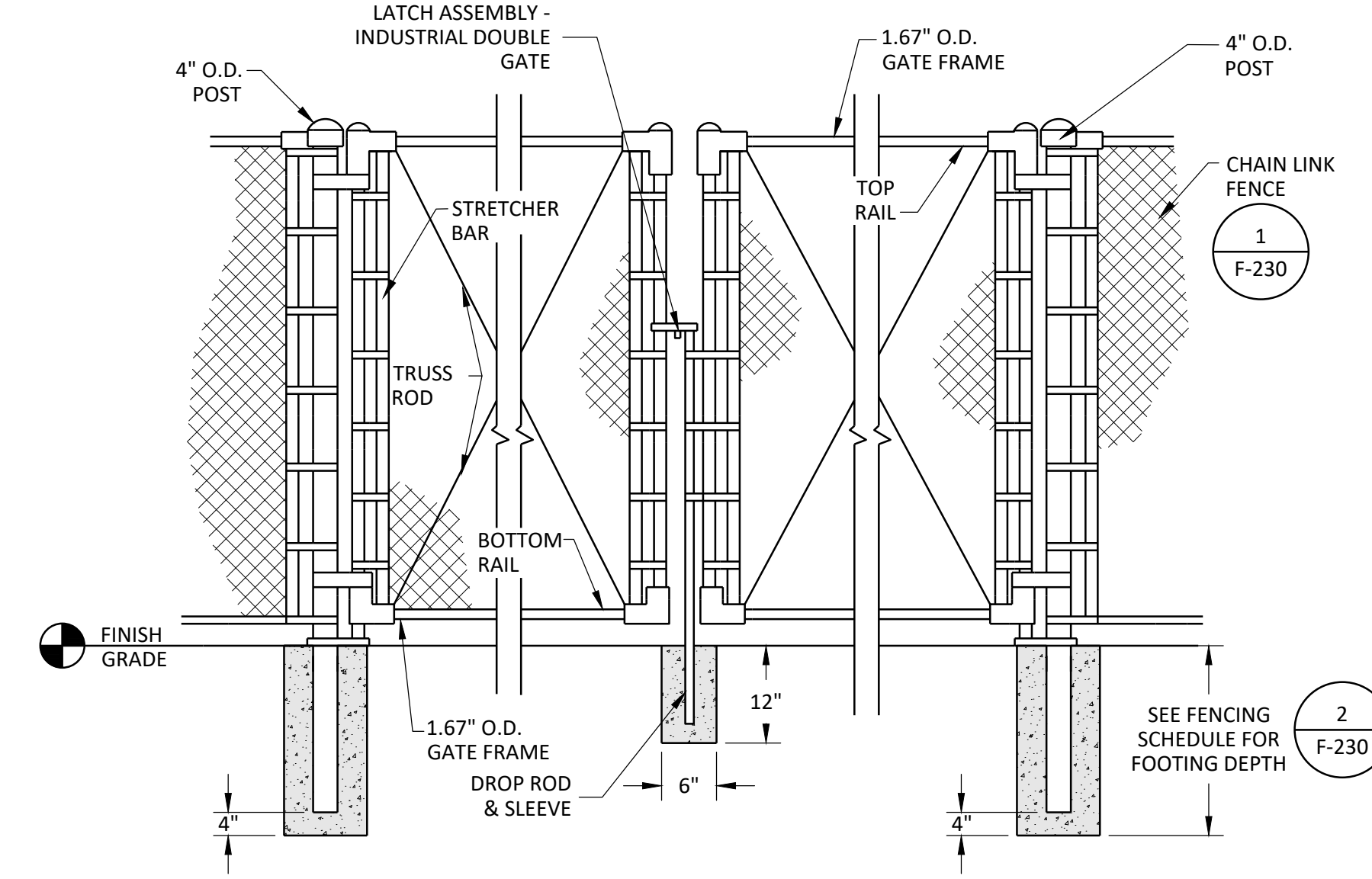
BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

FENCE DETAILS

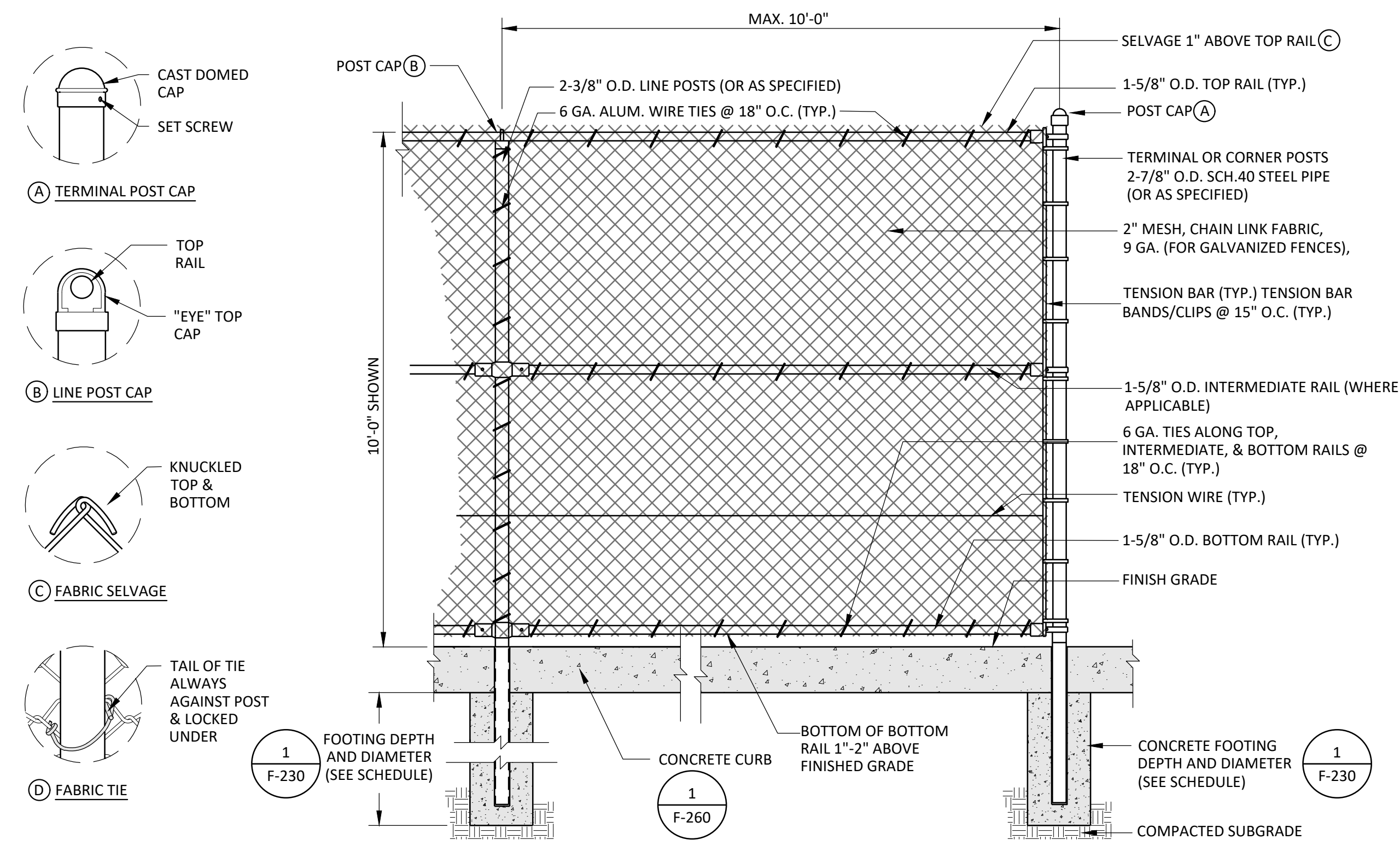
SHEET
F-230



5 SINGLE SWING GATE
F-230 NOT TO SCALE



6 DOUBLE SWING GATE
F-230 NOT TO SCALE

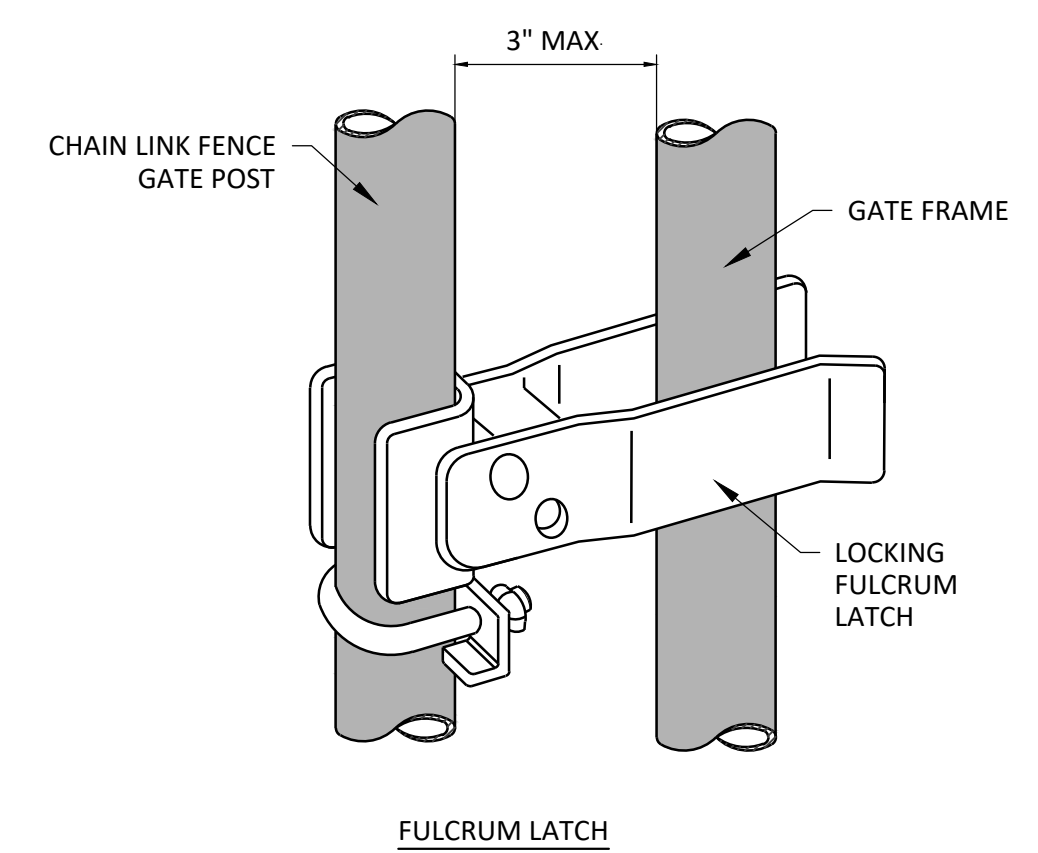


1 CHAIN LINK FENCING ELEVATION & SECTION
F-230 NOT TO SCALE

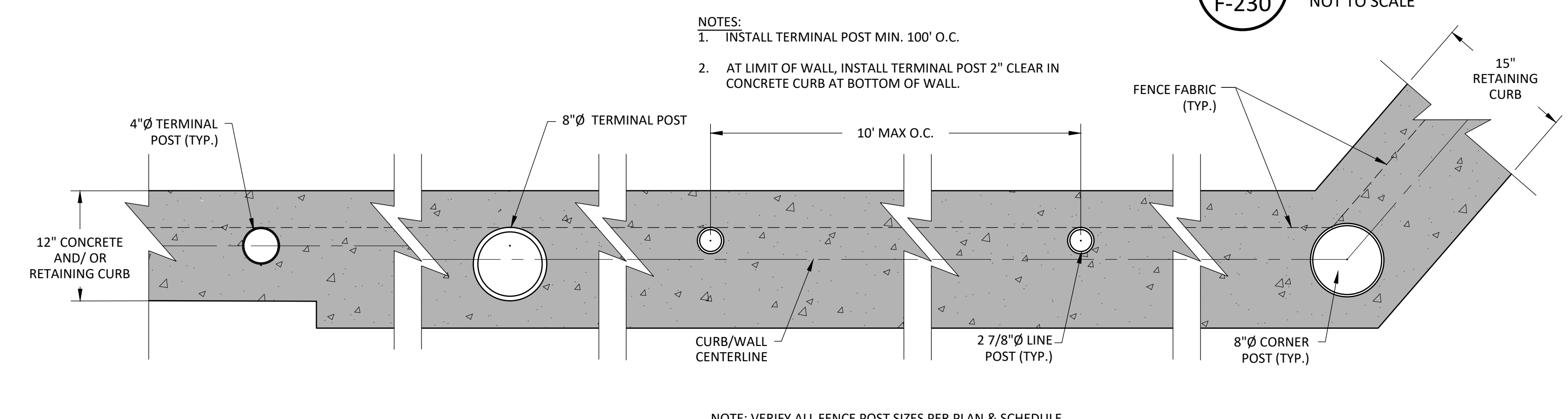
FENCING TYPE	30' HIGH BACKSTOP	10' HIGH WITH 15' NETTING	10' HIGH FENCING
CORNER POST	6 X-STRONG	8.625" OD	2.5 STD
TERMINAL POST	6 X-STRONG	8.625" OD	2.5 STD
LINE POST	6 X-STRONG	4.000" OD	2.5 STD
FOOTING DEPTH	6'-6"	7'-0"	4'-0"
FOOTING DIAMETER	24"	24"	24"
TOP RAIL HT.	30'	10'	10'
INTERMEDIATE RAIL HTS.	5', 10', 15', 20', 25'	5'	5'
BOTTOM RAIL HT	1"	1"	1"
TENSION WIRE HTS.	2"	2"	2"

- FENCING NOTES:**
- ALL FENCING FABRIC SHALL BE 2" MESH NO. 9 GAUGE GALVANIZED STEEL WIRES EXCEPT FOR DESIGNATED SECTIONS OF THE BACKSTOP FENCING WHICH SHALL INCLUDE NO. 6 GAUGE GALVANIZED FINISHED STEEL WIRES.
 - ALL POSTS, RAILS, BRACES, POST TOPS, STRETCHER BARS, BANDS, ETC. SHALL BE GALVANIZED.
 - TENSION WIRES AND WIRE TIES SHALL BE GALVANIZED.
 - MAXIMUM POST SPACING: 10' ON CENTER.
 - ALIGN POSTS SO THAT FENCE FABRIC IS INSTALLED IN A CONTINUOUS, STRAIGHT LINE, REGARDLESS OF FENCE POST DIAMETER.
 - ALL POSTS SHALL BE ASTM A53, GRADE B, SCHEDULE 40 UNLESS NOTED OTHERWISE.

2 CHAIN LINK SCHEDULE
F-230 NOT TO SCALE



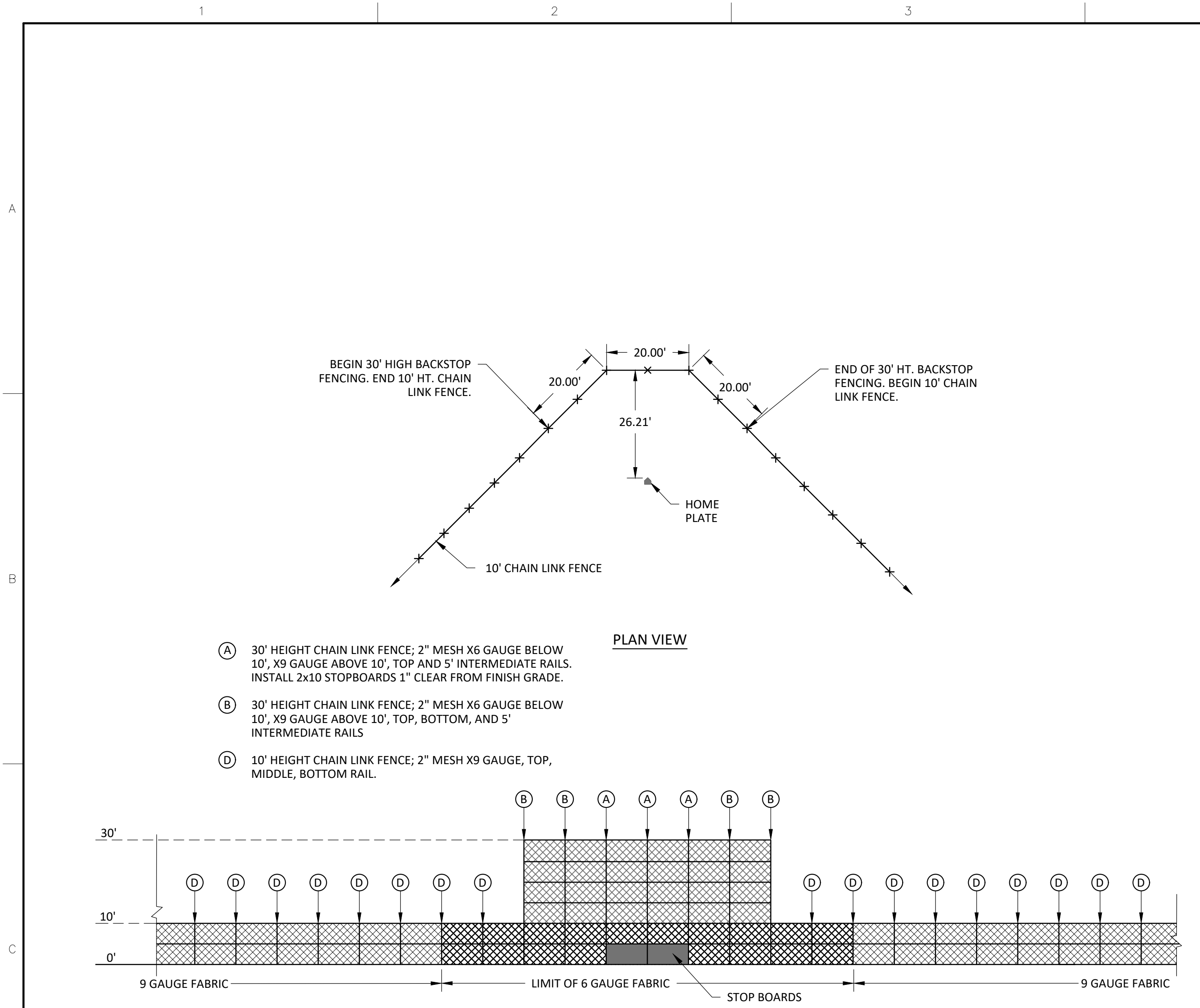
3 GATE LATCH
F-230 NOT TO SCALE



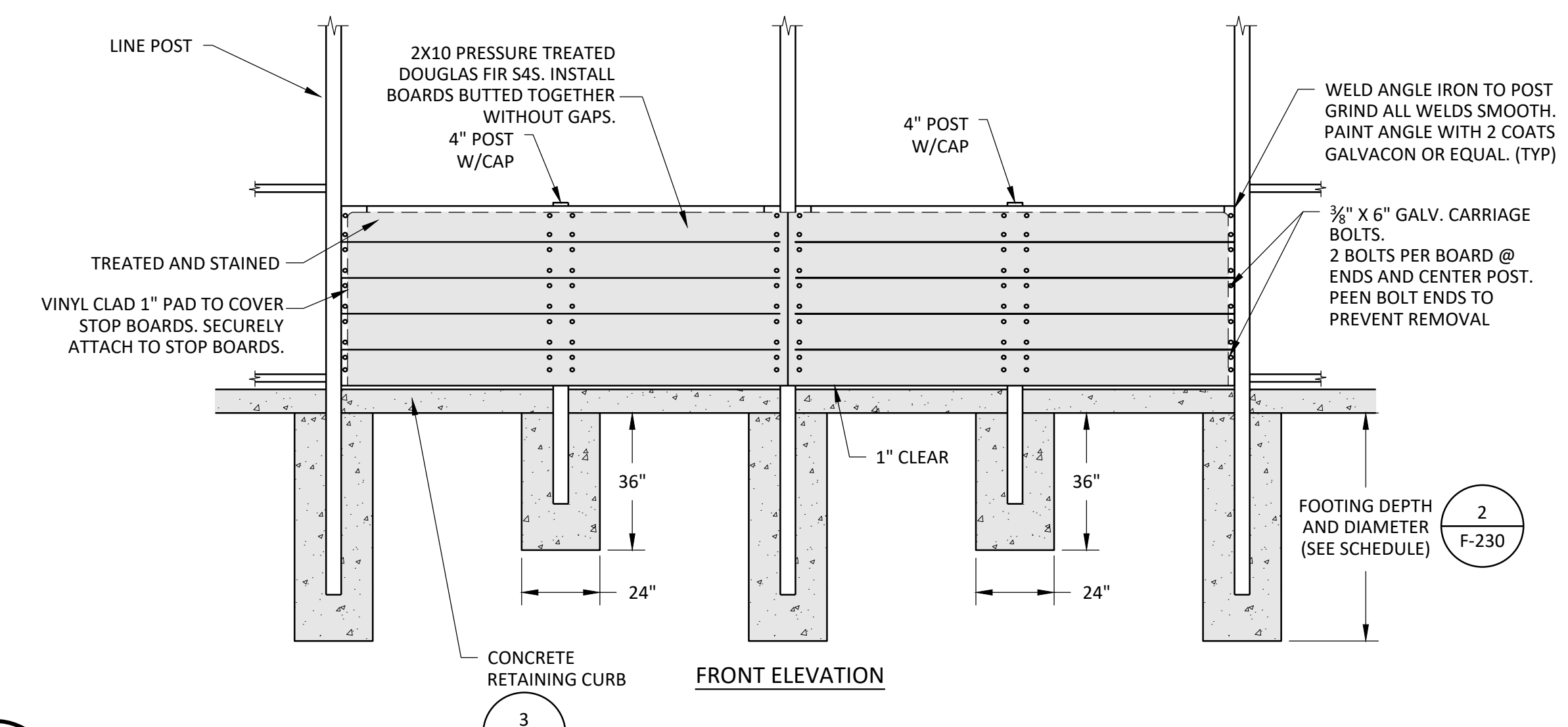
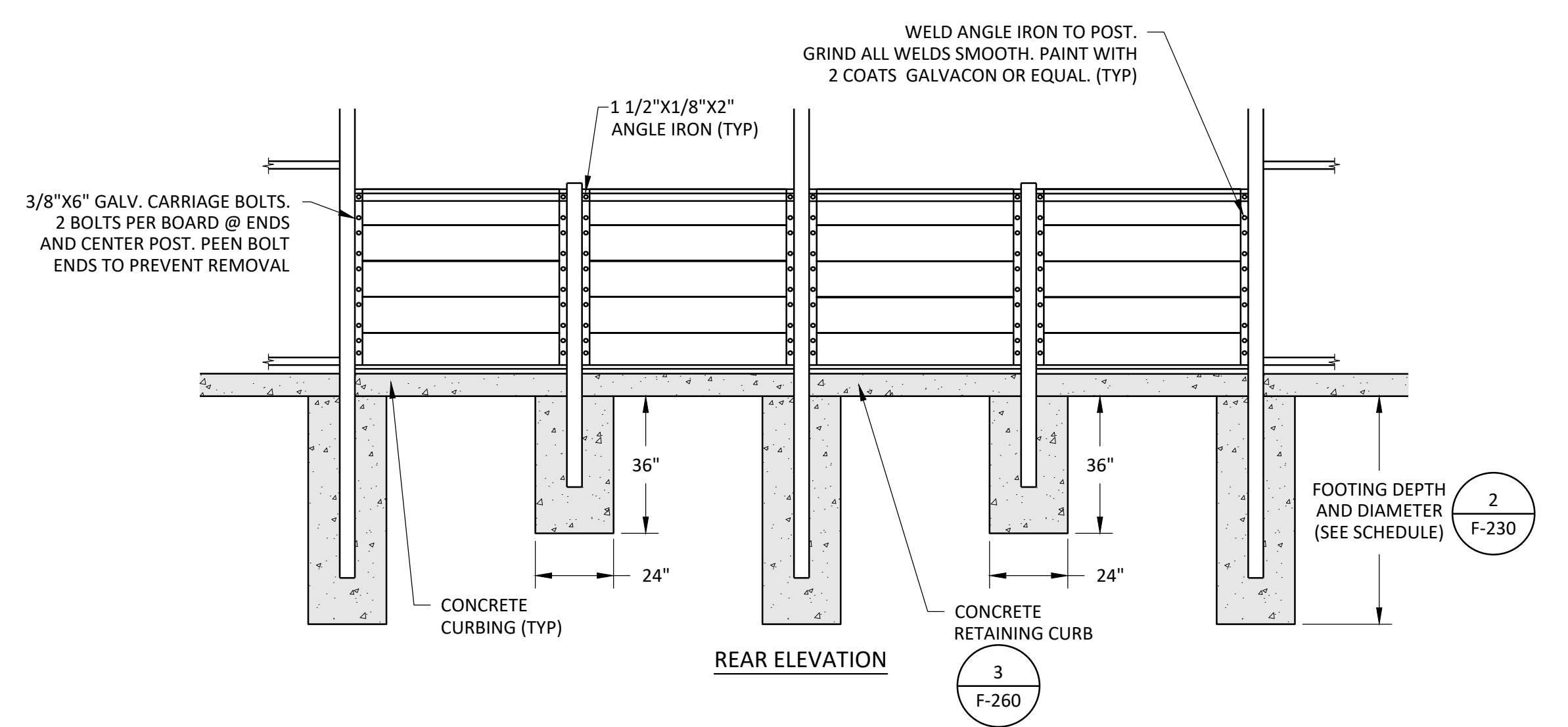
4 TYPICAL FENCE POST LAYOUT
F-230 NOT TO SCALE

- NOTES:**
- INSTALL TERMINAL POST MIN. 100' O.C.
 - AT LIMIT OF WALL, INSTALL TERMINAL POST 2" CLEAR IN CONCRETE CURB AT BOTTOM OF WALL.
- NOTE: VERIFY ALL FENCE POST SIZES PER PLAN & SCHEDULE

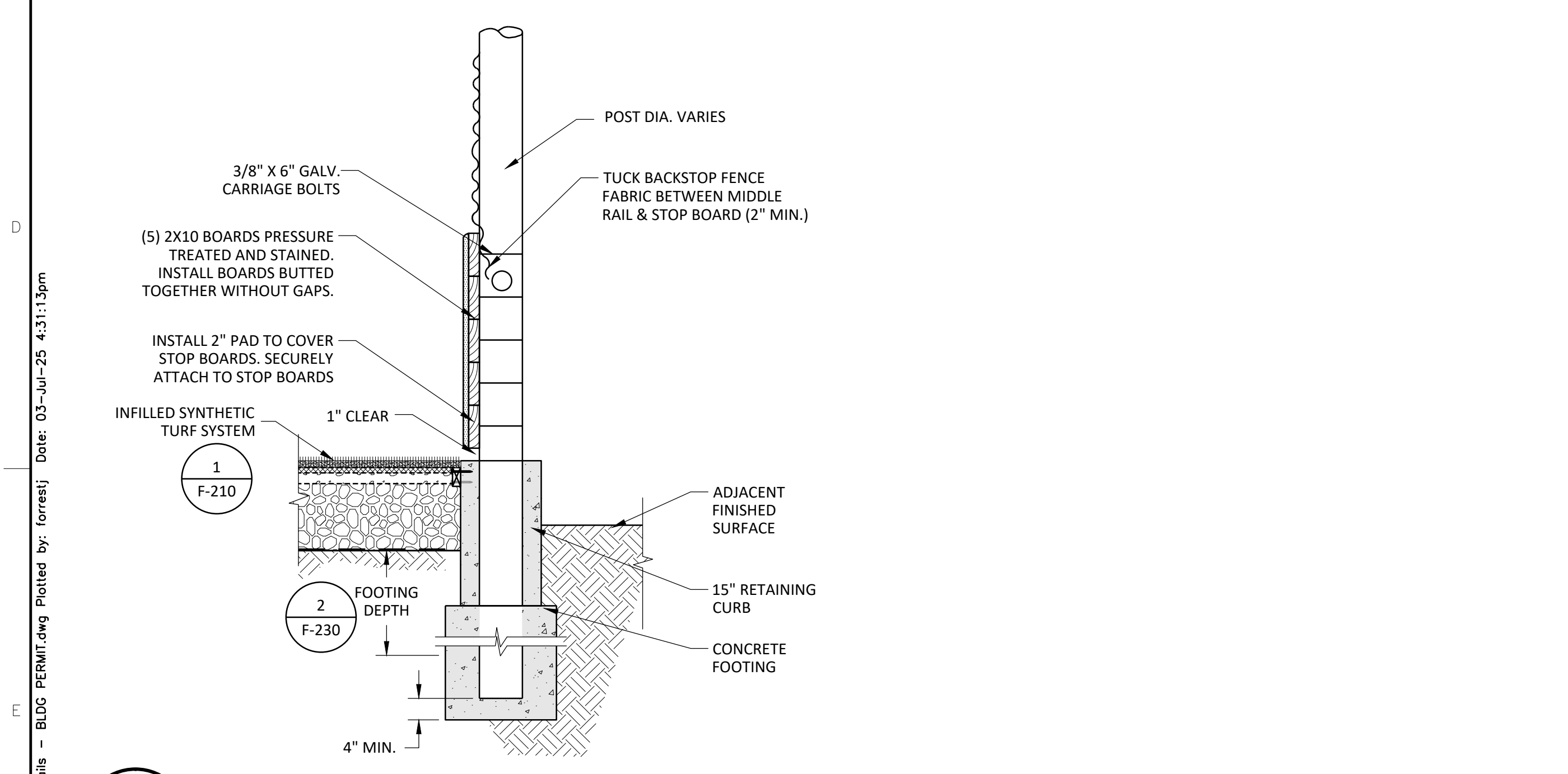
File: F-230 Fence Details - BLOG PERMIT.dwg Plotted by: [username] Date: 03-Jul-25 4:29:05pm



1 SOFTBALL BACKSTOP-WING FENCING
F-231 NOT TO SCALE



3 STOPBOARDS
F-231 NOT TO SCALE



2 SOFTBALL BACKSTOP WITH STOPBOARDS
F-231 NOT TO SCALE

REVISION	DATE



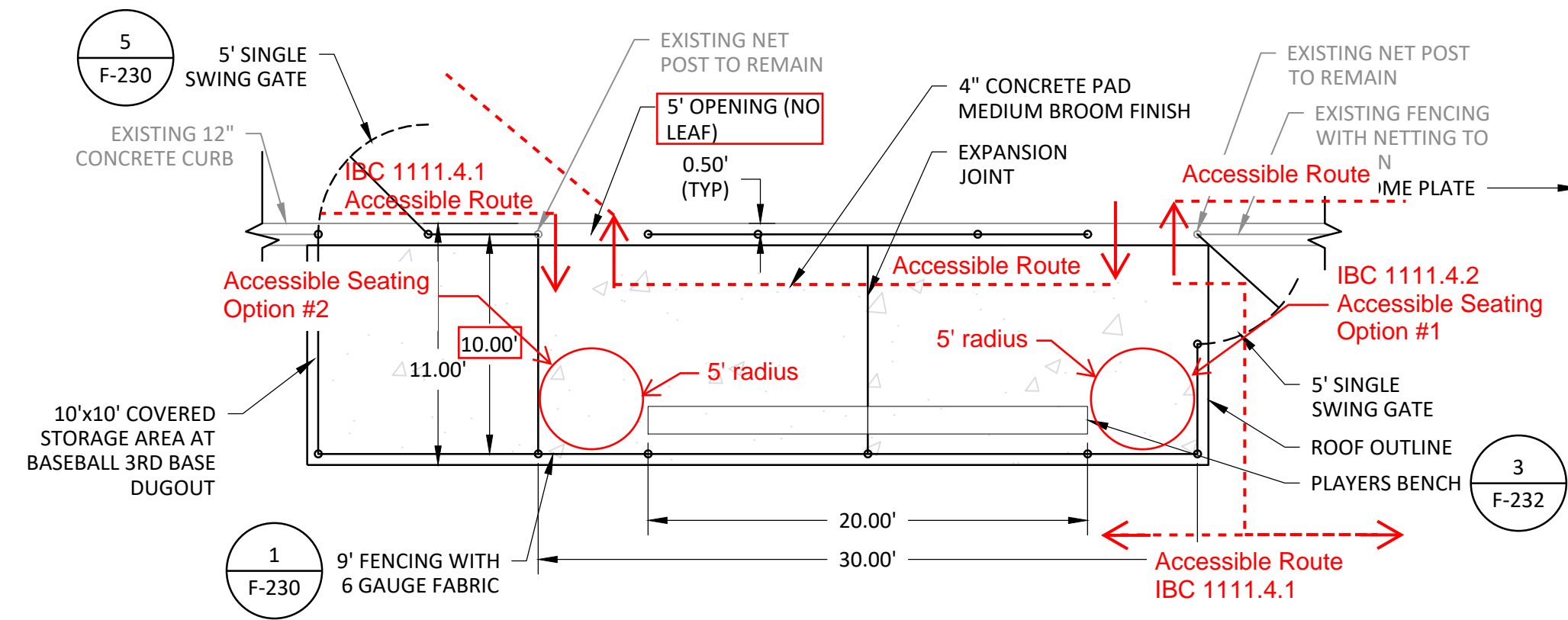
LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



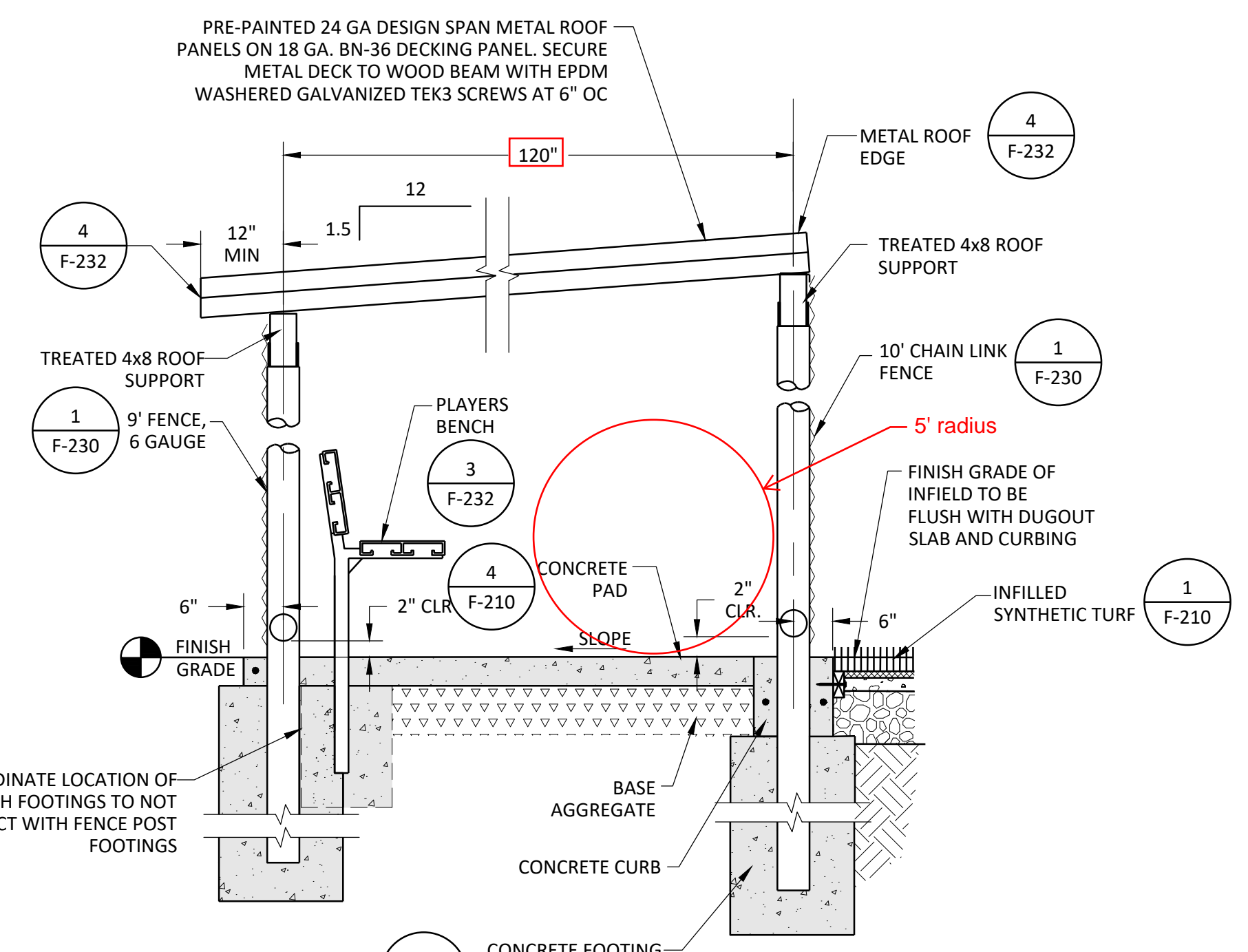
BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

BACKSTOP DETAILS

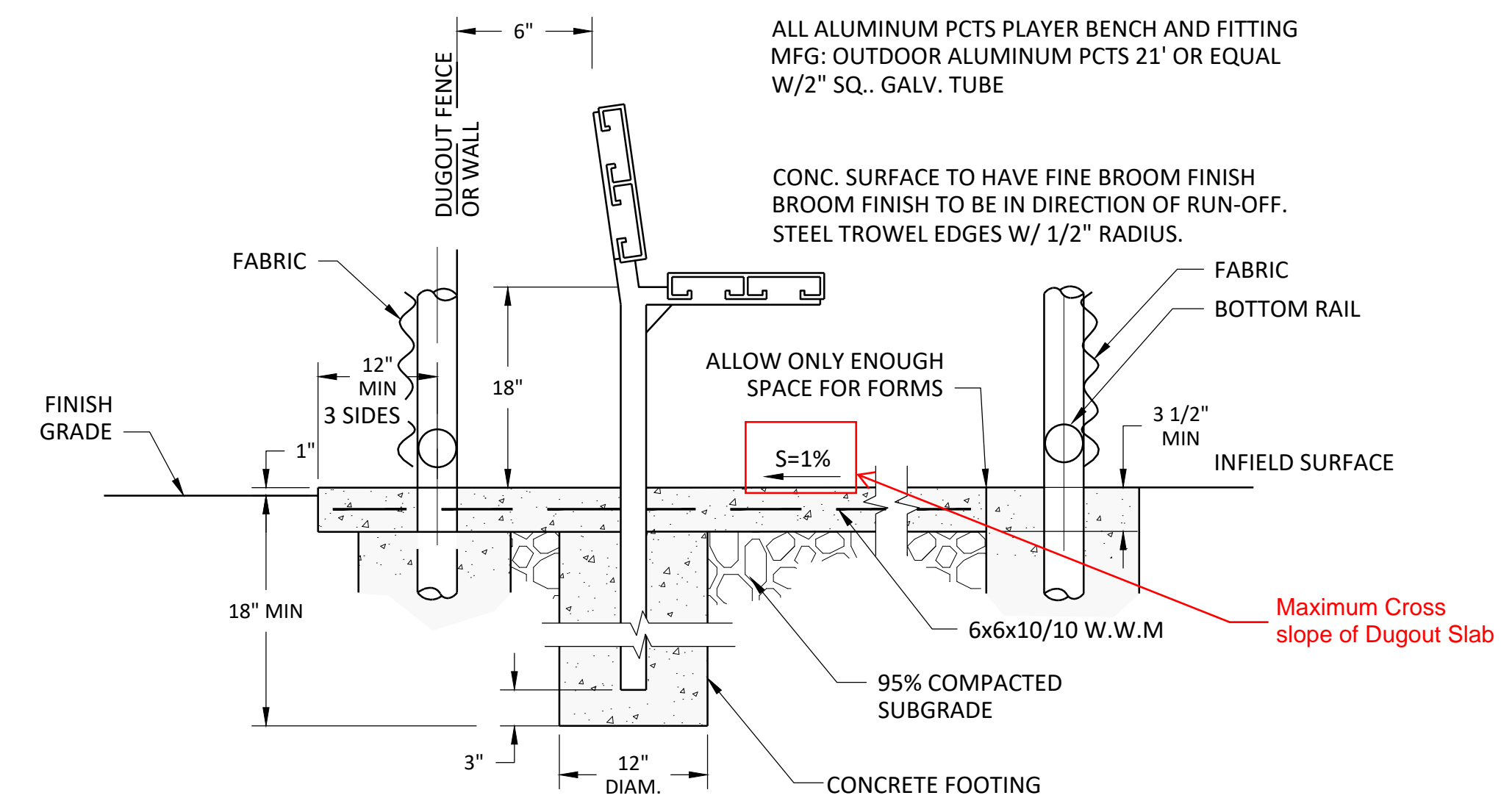
BNO25-05223 COMMENT RESPONSE



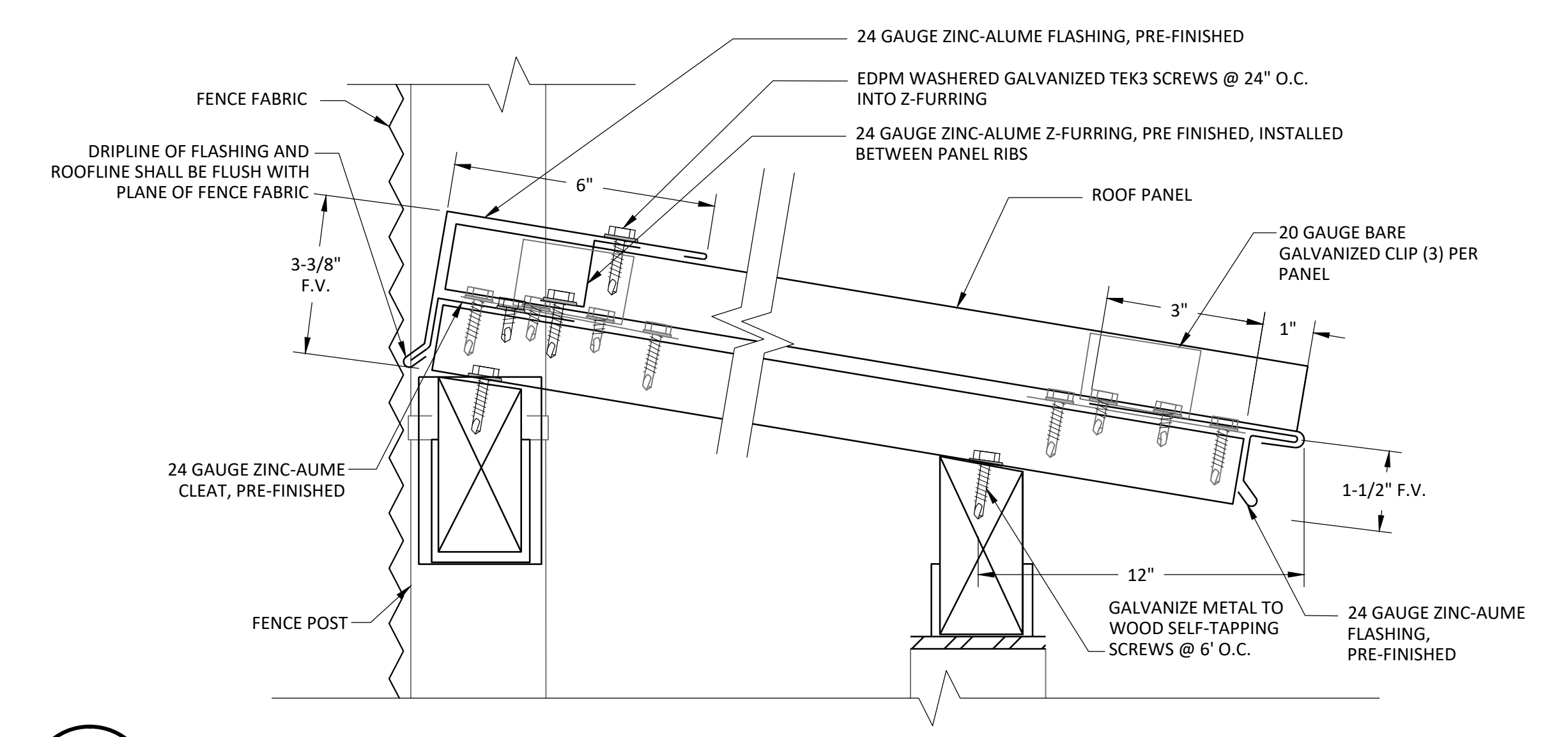
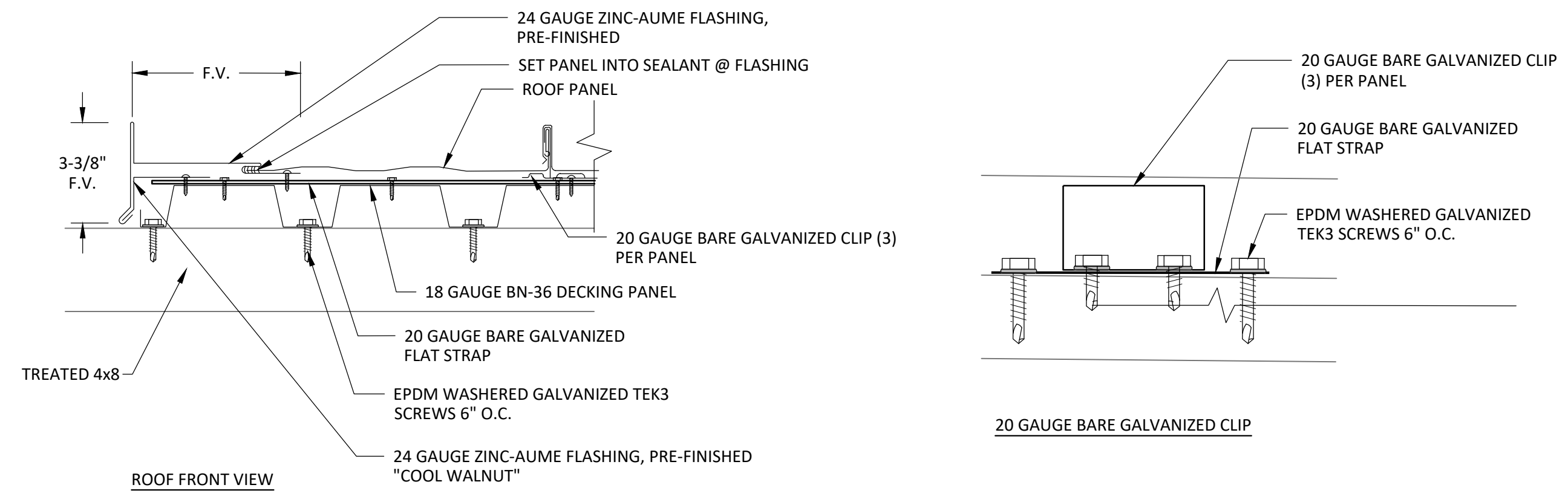
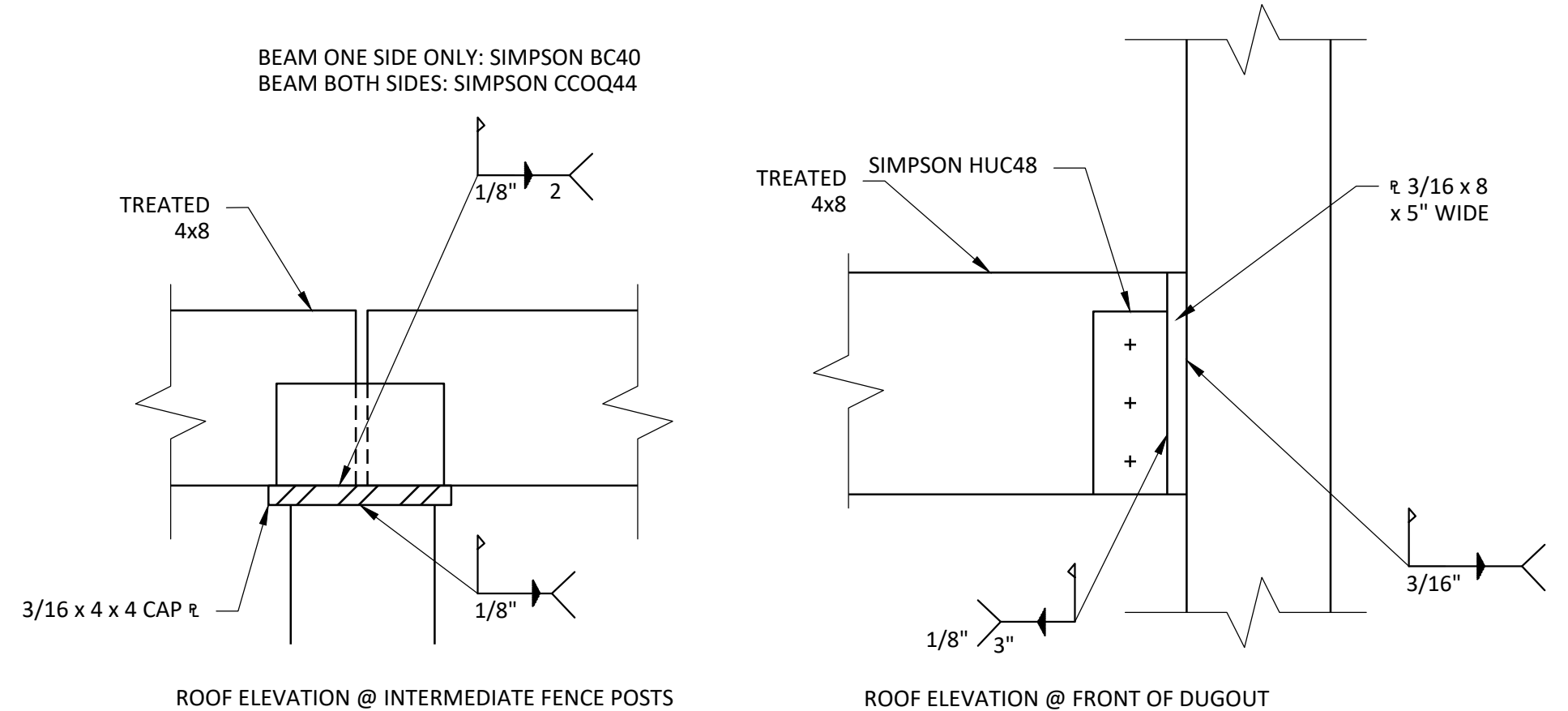
1 DUGOUT - PLAN VIEW
F-232 NOT TO SCALE



2 DUGOUT SECTION
F-232 NOT TO SCALE



3 PLAYERS BENCH DETAIL
F-232 NOT TO SCALE

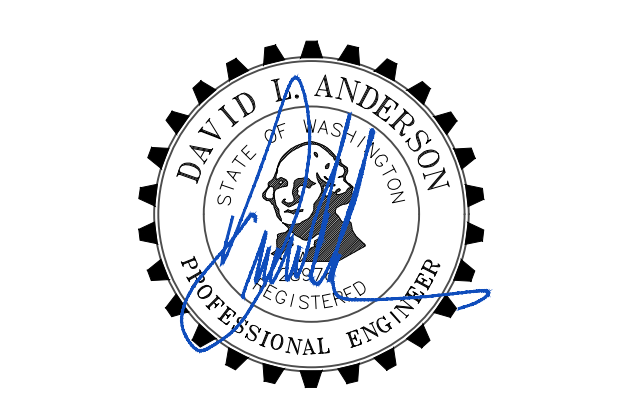


4 DUGOUT ROOF EDGE SECTION
F-232 NOT TO SCALE

REVISION	DATE

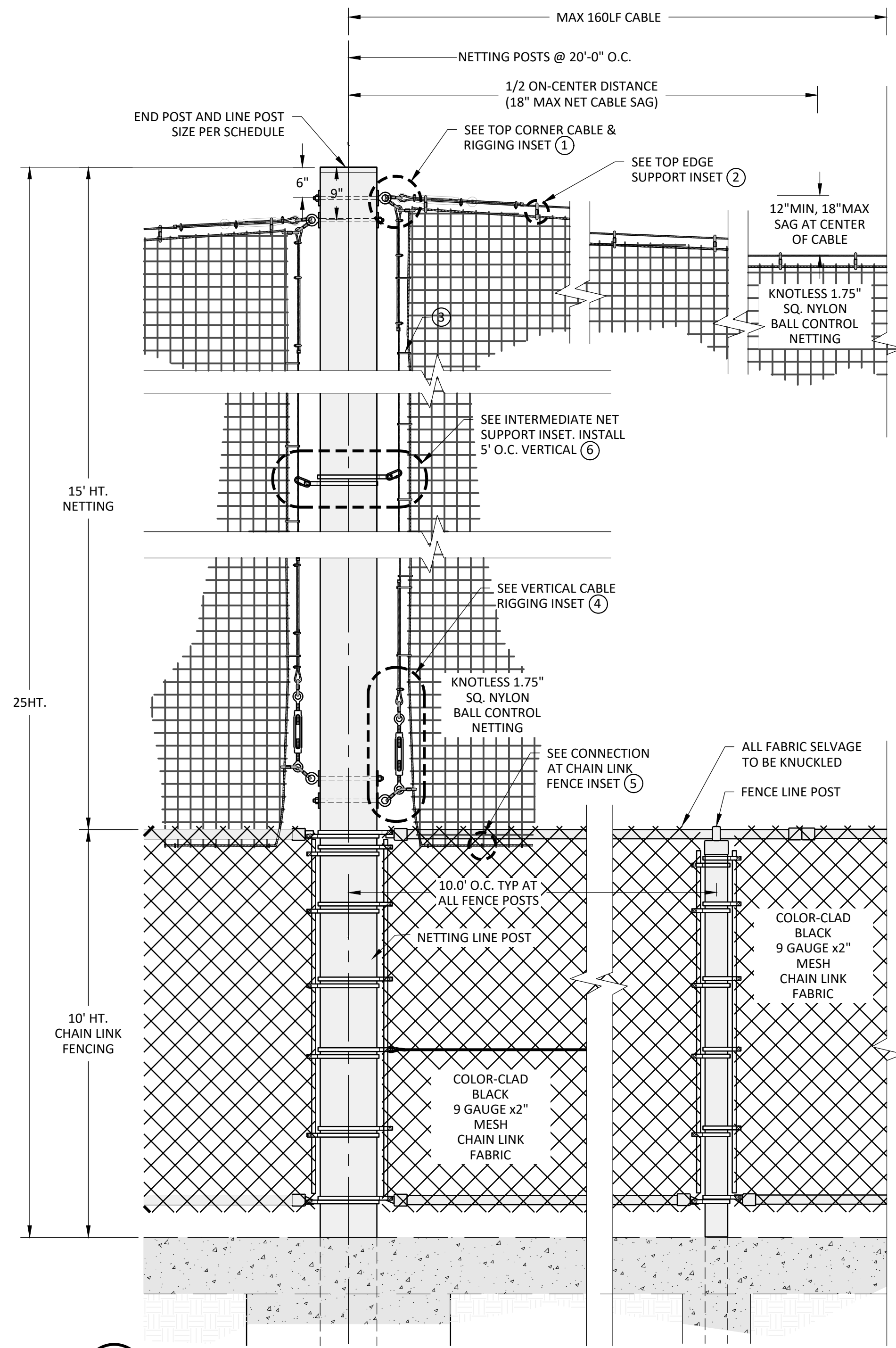


LAKE WASHINGTON HS
BASEBALL AND
SOFTBALL FIELD
RENOVATION

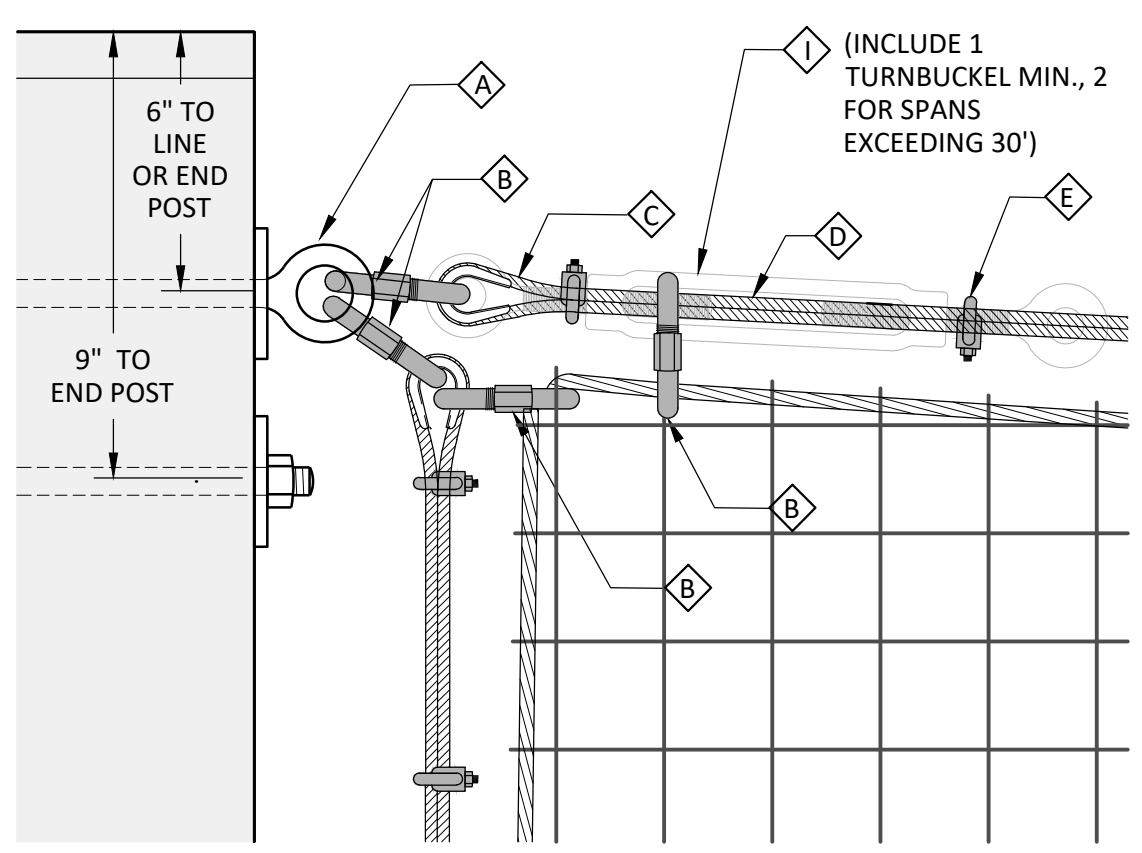


BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

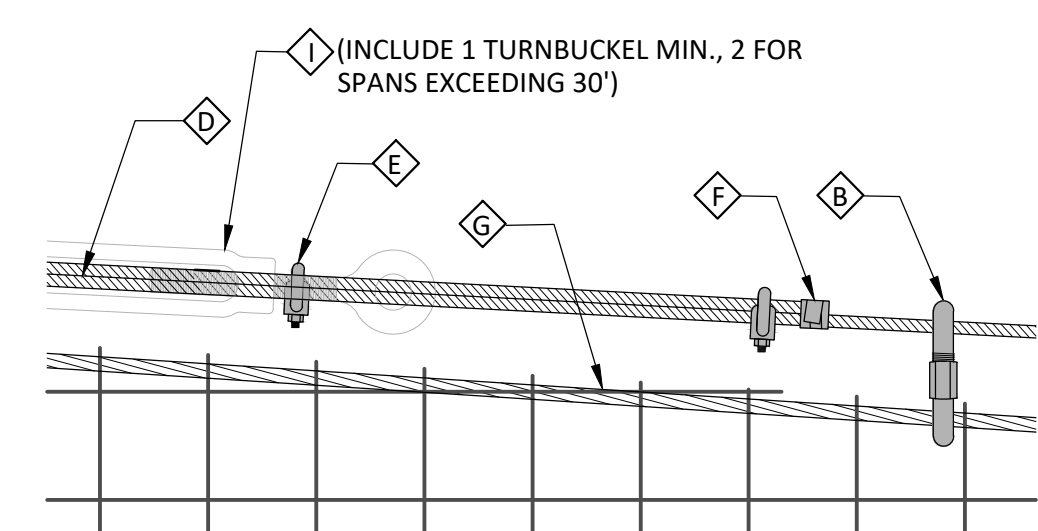
DUGOUT DETAILS



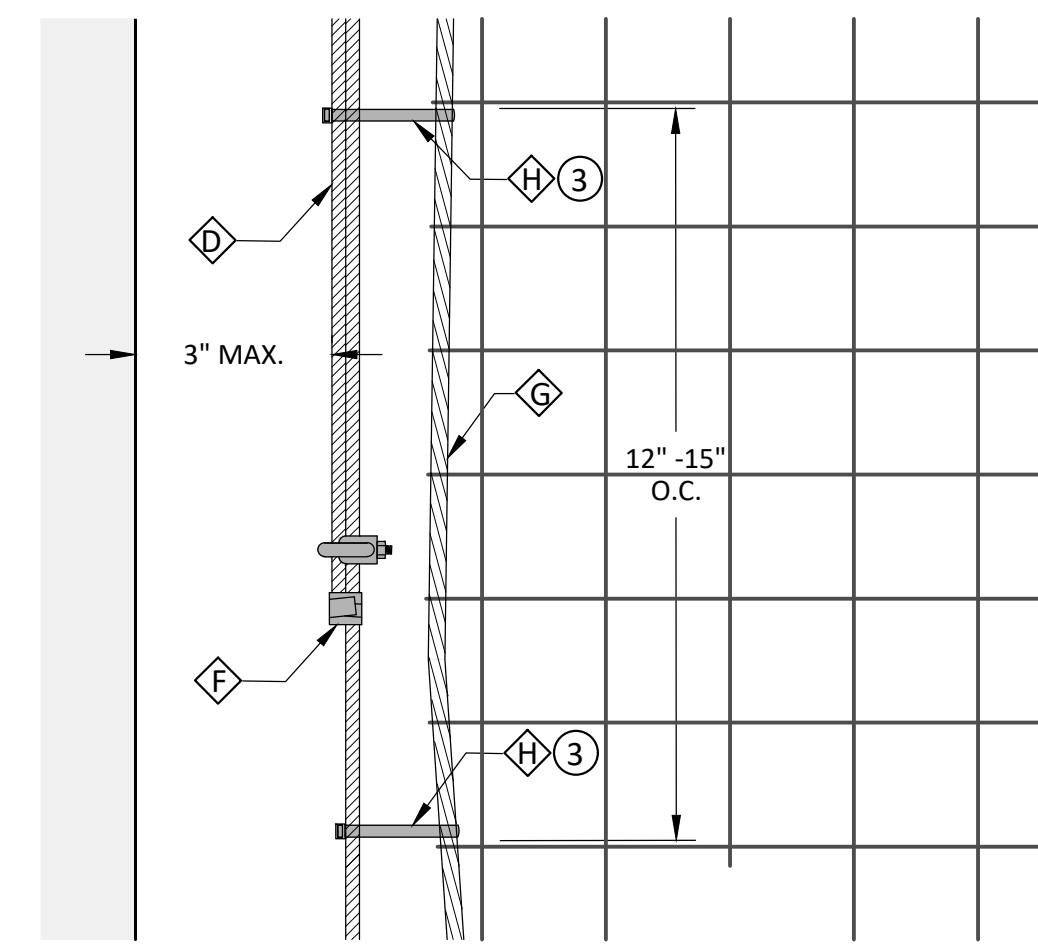
A BALL CONTROL NETTING ASSEMBLY
NOT TO SCALE



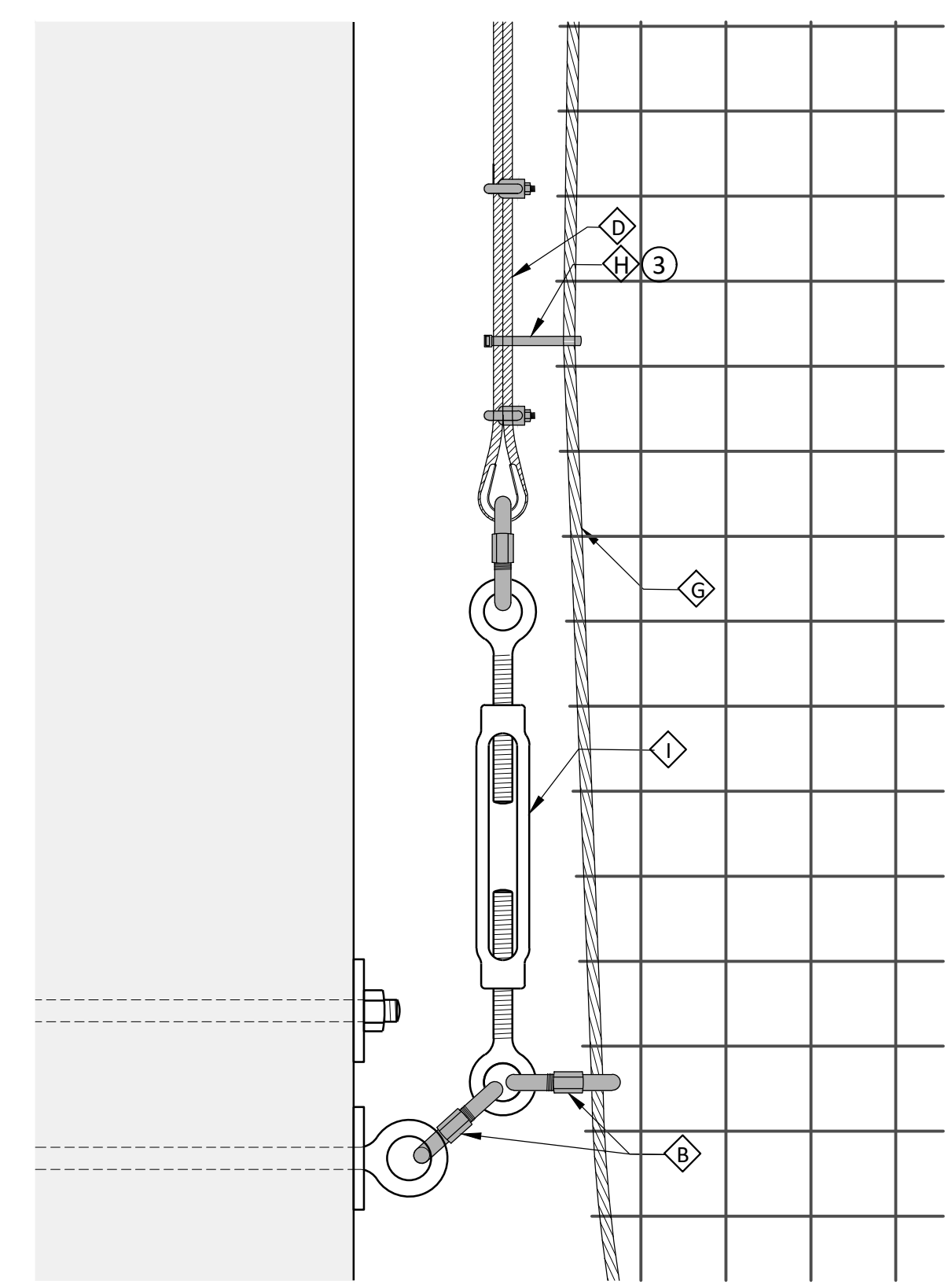
B TOP CORNER CABLE & RIGGING
NOT TO SCALE



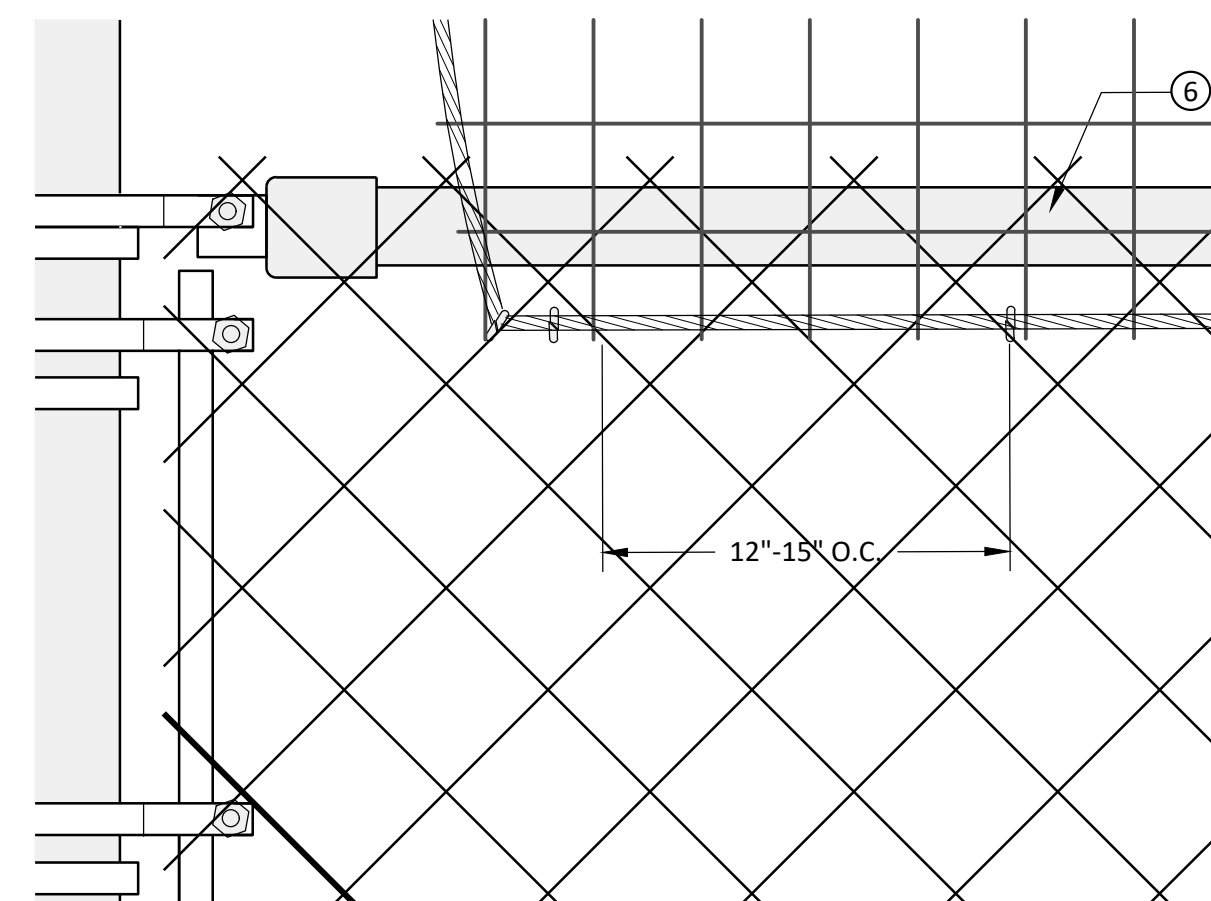
C TOP EDGE SUPPORT
NOT TO SCALE



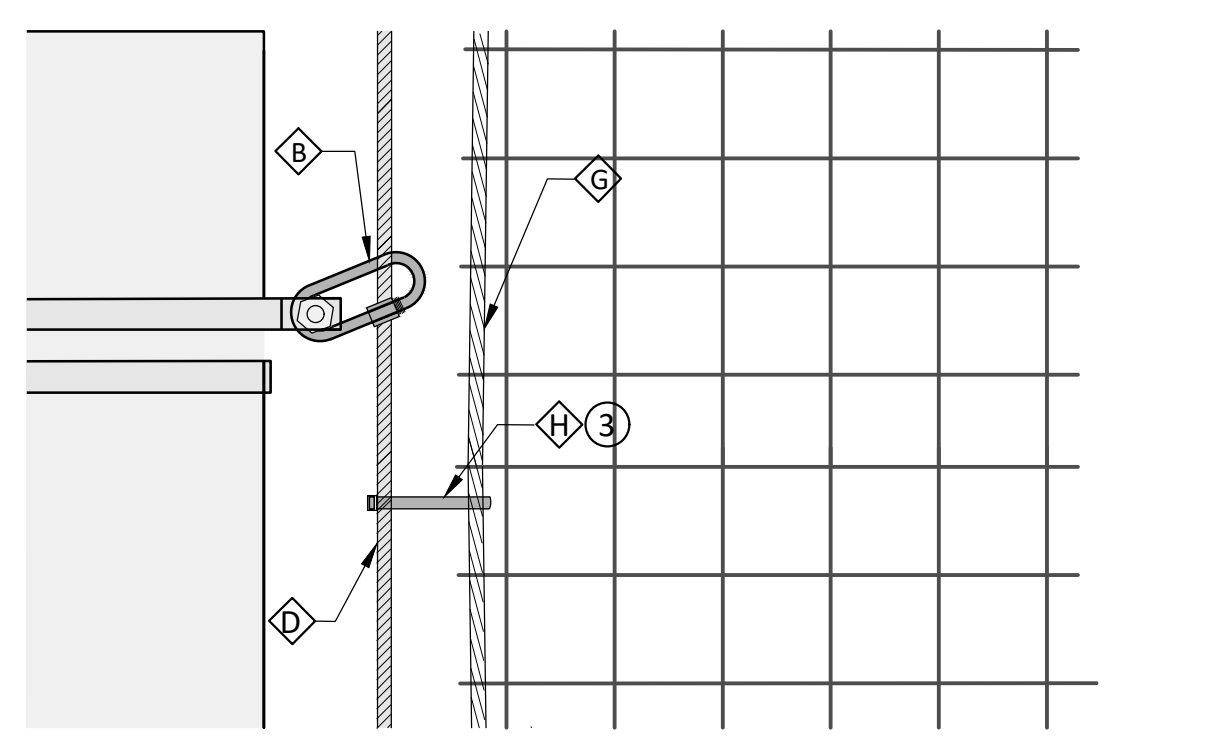
D VERTICAL EDGE SUPPORT
NOT TO SCALE



E VERTICAL CABLE RIGGING
NOT TO SCALE



F CONNECTION @ CHAIN LINK FENCE
NOT TO SCALE



G INTERMEDIATE NET SUPPORT
NOT TO SCALE

CONNECTION NOTES:

- 1 TOP CORNER; EYE BOLT SIZED TO ACCOMMODATE BOTH THE LIMIT ON GAP BETWEEN THE POLE AND THE VERTICAL CABLE AND THE CONNECTING LINKS FOR BOTH THE VERTICAL AND HORIZONTAL SUPPORT CABLES. PROVIDE (1) TURNBUCKLE AT EACH END OF EACH CABLE.
- 2 TOP EDGE OF BALL CONTROL NET ASSEMBLY HELD TO THE SUPPORT CABLE WITH GALVANIZED OR STAINLESS STEEL OR ALUMINUM THREADED LINK, SNAP LINK, OR CARABINER-TYPE CONNECTOR WITH APPROVED BLACK FINISH. SIZE TO ALLOW SPACING NO LESS THAN 12" O.C. BUT NO GREATER THAN 21" O.C. TO REDUCE ROPE BORDER SAG BETWEEN CONNECTIONS.
- 3 LOOSE VERTICAL CONNECTIONS TO BE VIA BLACK VINYL OR POLYESTER SNAP-CLIP SPACED 12"-15" O.C.
- 4 BOTTOM VERTICAL SUPPORT CABLE CONNECTION TO INCLUDE A TURNBUCKLE FOR ADJUSTMENT.
- 5 BALL CONTROL NET ASSEMBLY BOTTOM EDGE CONNECTION TO BE VIA HEAVY DUTY, UV-RESISTANT, NYLON ZIP TIE 12"-15" O.C. DIRECTLY TO CHAIN LINK FABRIC BELOW THE TOP RAIL. CLF FABRIC TO BE INSTALLED ON THE FIELD SIDE OF THE FRAMEWORK. BALL CONTROL NET TO BE SECURED TO THE FIELD SIDE OF THE FINISHED CHAIN LINK FENCE ASSEMBLY BELOW THE TOP RAIL.
- 6 MAIN VERTICAL SUPPORT CABLE CONNECTION TO POLE AT 12' - 15' O.C., MATCH TOP TAB OR FLANGE A

HARDWARE NOTES:

- A EYE BOLT LOCATED NEAR TOP OF POLE ASSEMBLY. PLACEMENT TO ACCOUNT FOR POTENTIAL OF UP TO 18" OF SAG IN THE TOP SUPPORT CABLE AT 70LBF TENSION WITH THE NETTING IN PLACE. MAX SPACING BETWEEN HORIZONTAL CABLE ENDS 120LF
- B GALVANIZED OR STAINLESS STEEL THREADED MASTER LINK CARABINER OR APPROVED EQUAL, 1/2" x1-1.5" PROVIDE HORIZONTAL HARDWARE WITH APPROVED BLACK FINISH.
- C GALVANIZED STEEL THIMBLE SIZED FOR THE SPECIFIED WIRE ROPE; USE AT ALL CABLE TERMINATIONS.
- D GALVANIZED STEEL WIRE ROPE, 5/16"Ø.
- E WIRE ROPE CONNECTOR, U-BOLT-TYPE. MIN. TWO PER CONNECTION OR AS NEEDED.
- F VINYL TAPE TRIPLE WRAP ALL CUT WIRE ENDS.
- G PRE-FABRICATED BALL CONTROL NET ASSEMBLY TO BE PROVIDED WITH A CONTINUOUS 5/8"Ø NYLON ROPE BORDER.
- H BLACK VINYL OR POLYESTER SNAP-CLIP FOR VERTICAL CABLE-TO-ROPE CONNECTIONS ONLY
- I GALVANIZED OR STAINLESS STEEL TURNBUCKLE, 1/2" x 12".

1 BALL CONTROL & CABLE-FENCING & NETTING DETAIL
F-233 NOT TO SCALE

REVISION	DATE



LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION

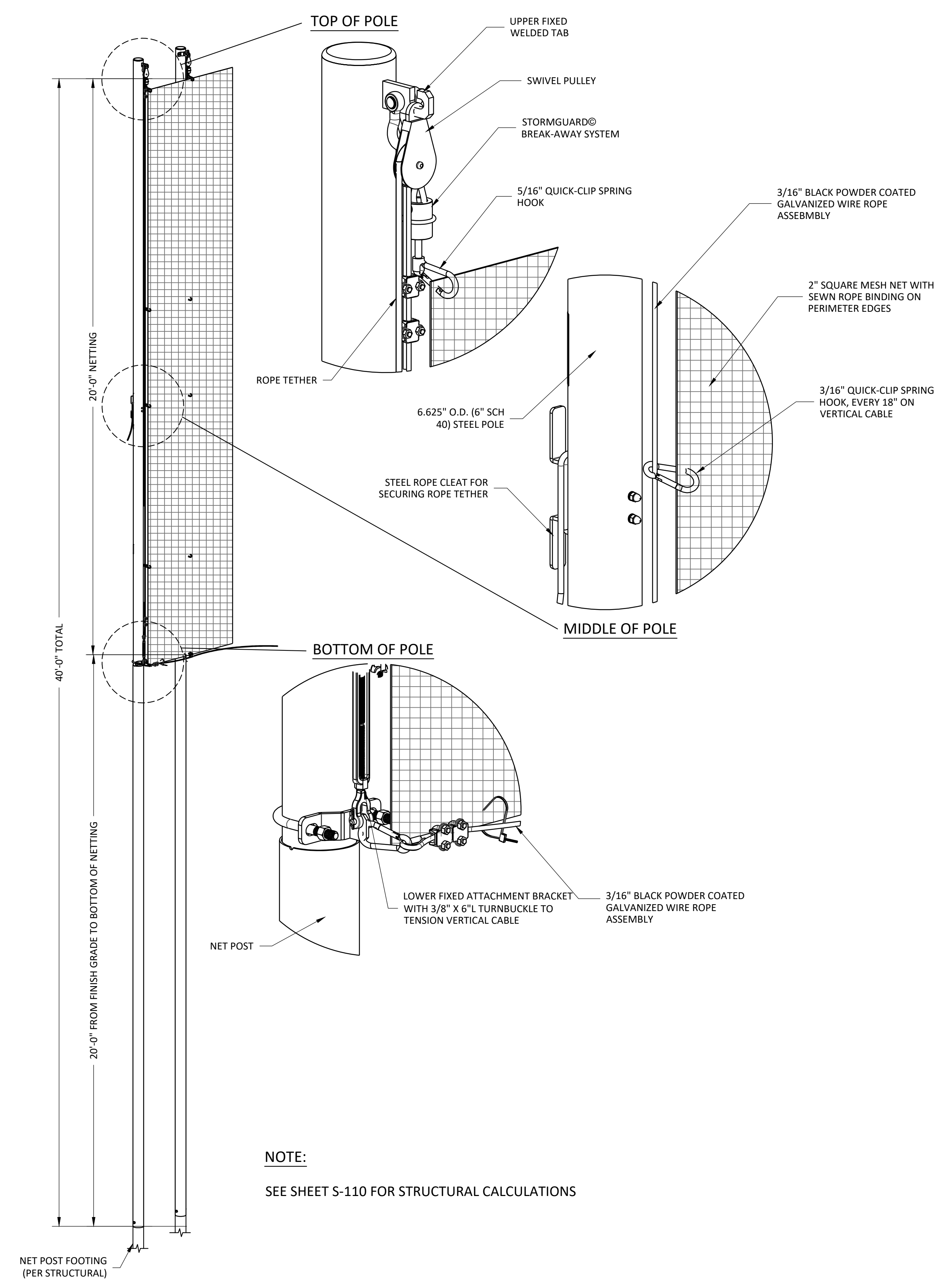


BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

NETTING ABOVE FENCING

A
B
C
D
E

File: F-234_Breakaway Ball Control Netting - Bldg Permitt.dwg Plotted by: forrest Date: 03-Jul-25 4:07:51 pm



NOTE:
SEE SHEET S-110 FOR STRUCTURAL CALCULATIONS

1
F-234 BREAKAWAY BALL CONTROL NETTING
NOT TO SCALE

REVISION	DATE



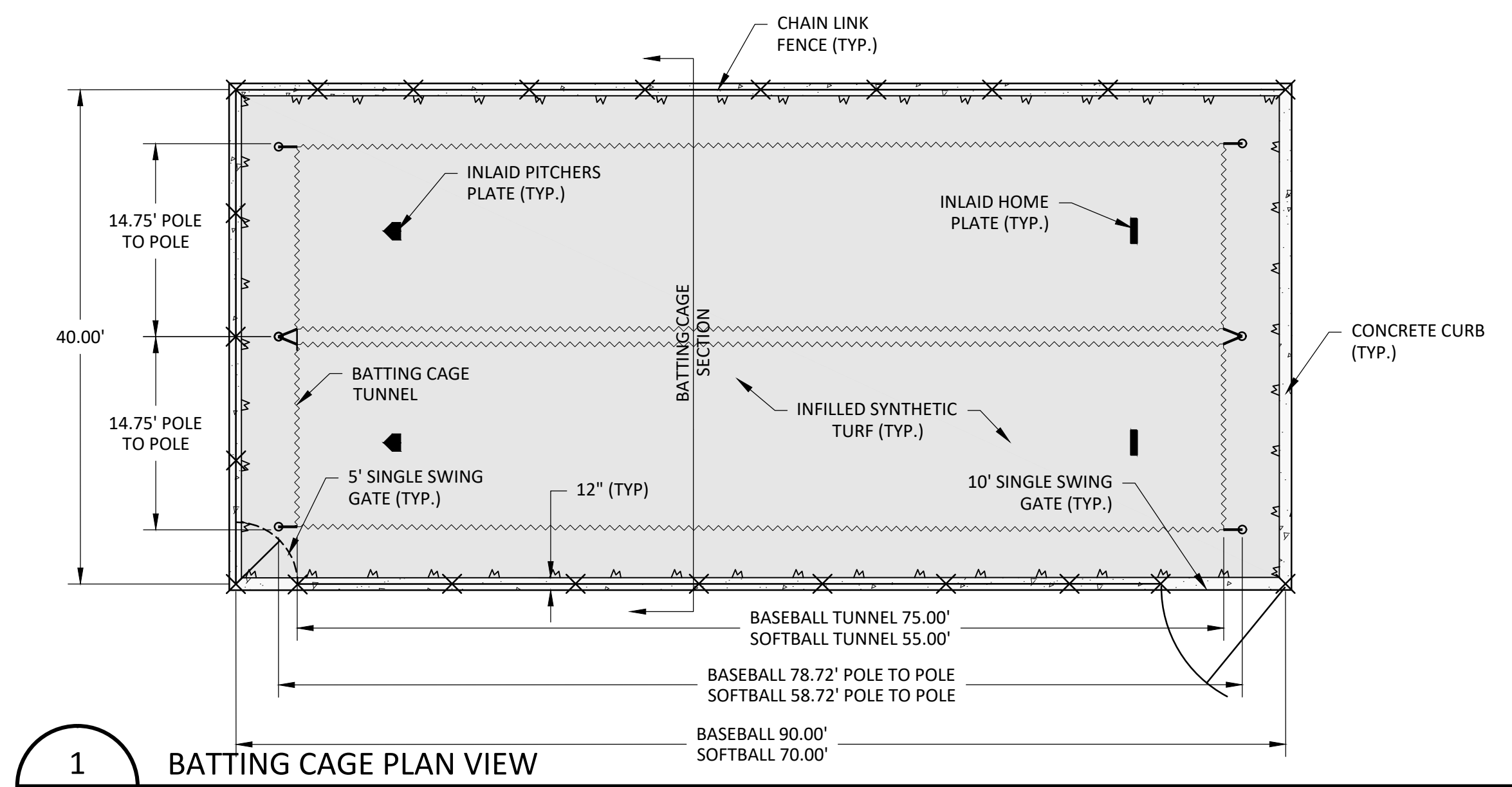
**LAKE WASHINGTON HS
BASEBALL AND
SOFTBALL FIELD
RENOVATION**



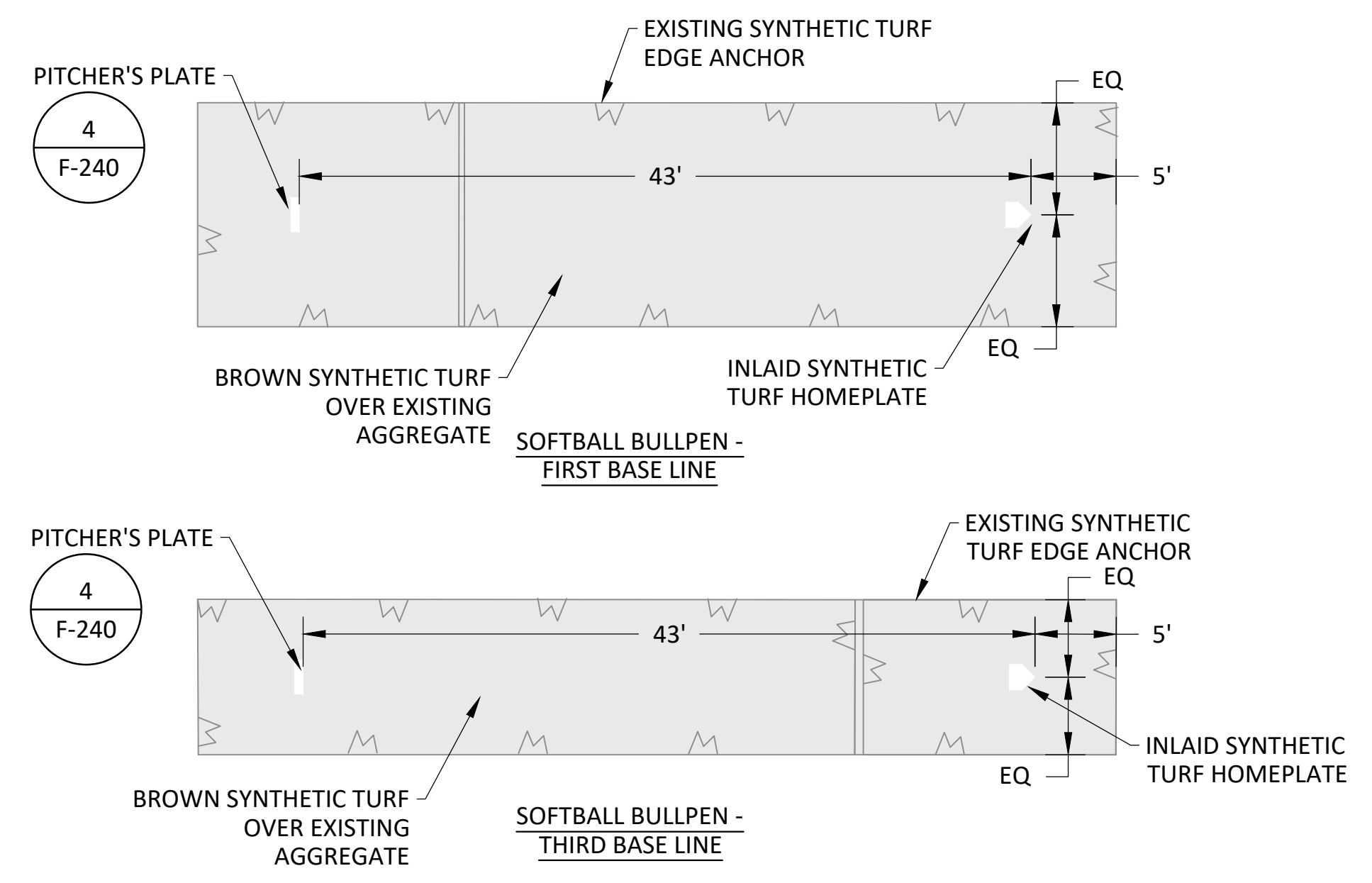
BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

**BREAKAWAY BALL
CONTROL NETTING**

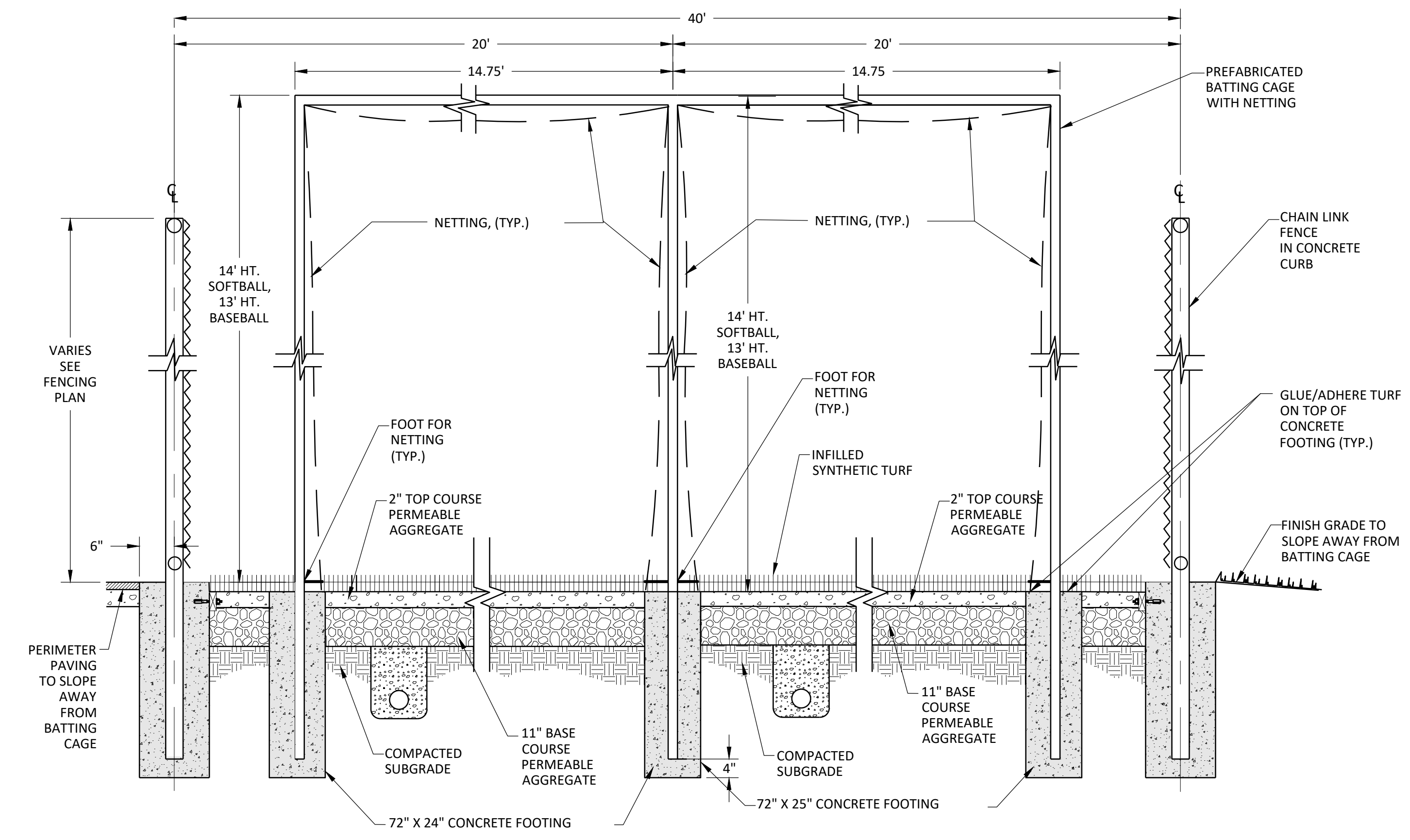
SHEET
F-234



1 BATTING CAGE PLAN VIEW
F-250 NOT TO SCALE



3 SOFTBALL BULLPEN PLAN VIEW
F-250 NOT TO SCALE



2 BATTING CAGE SECTION
F-250 NOT TO SCALE

REVISION	DATE



LAKE WASHINGTON HS
BASEBALL AND
SOFTBALL FIELD
RENOVATION



BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

BASEBALL AND
SOFTBALL
BATTING CAGE
DETAILS

SHEET
F-250

File: F-250 Baseball and Softball Batting Cage Details - BLDG PERMIT.dwg Plotted by: forestj Date: 03-Jul-25 4:39:53 pm

REVISION	DATE



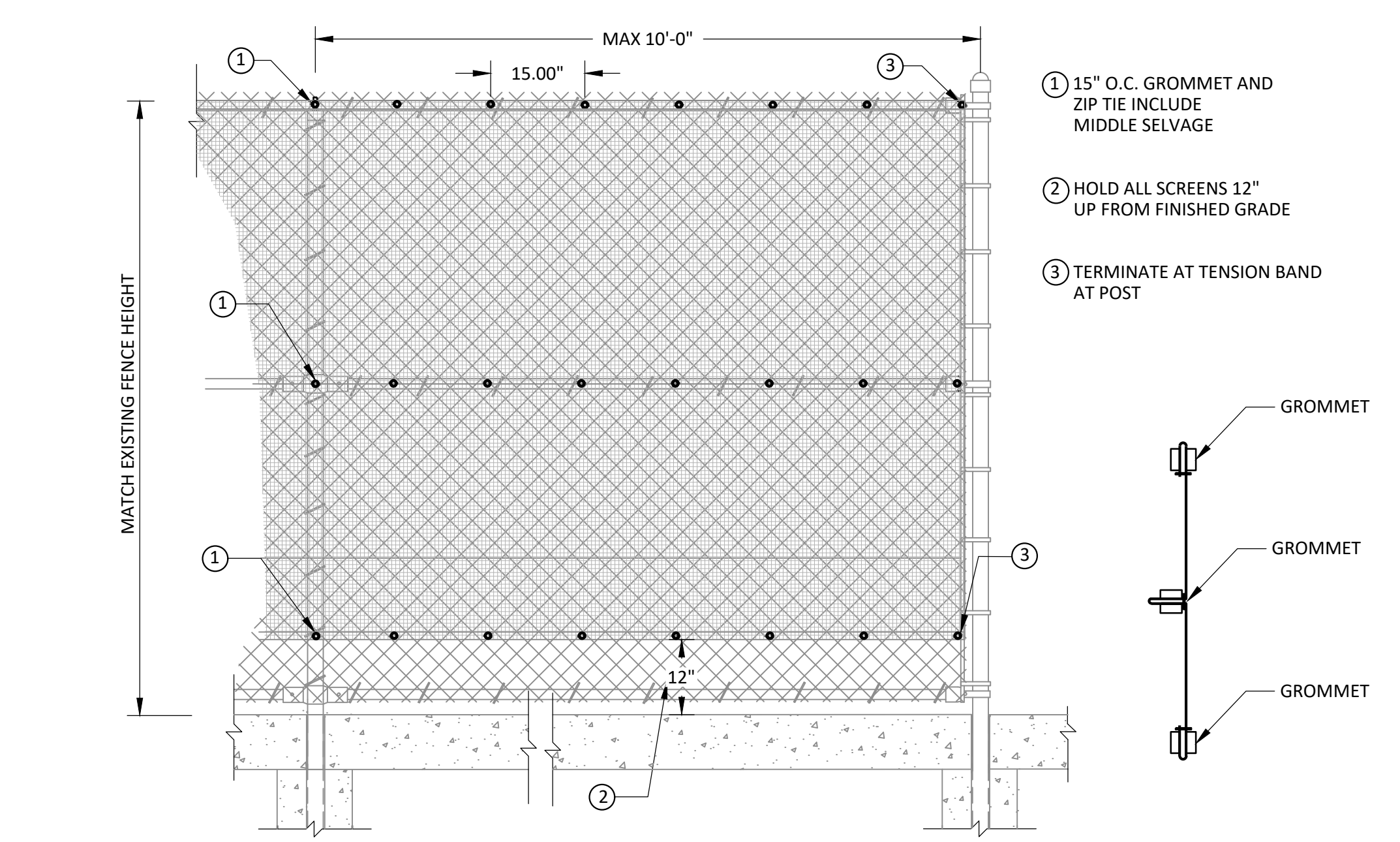
LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



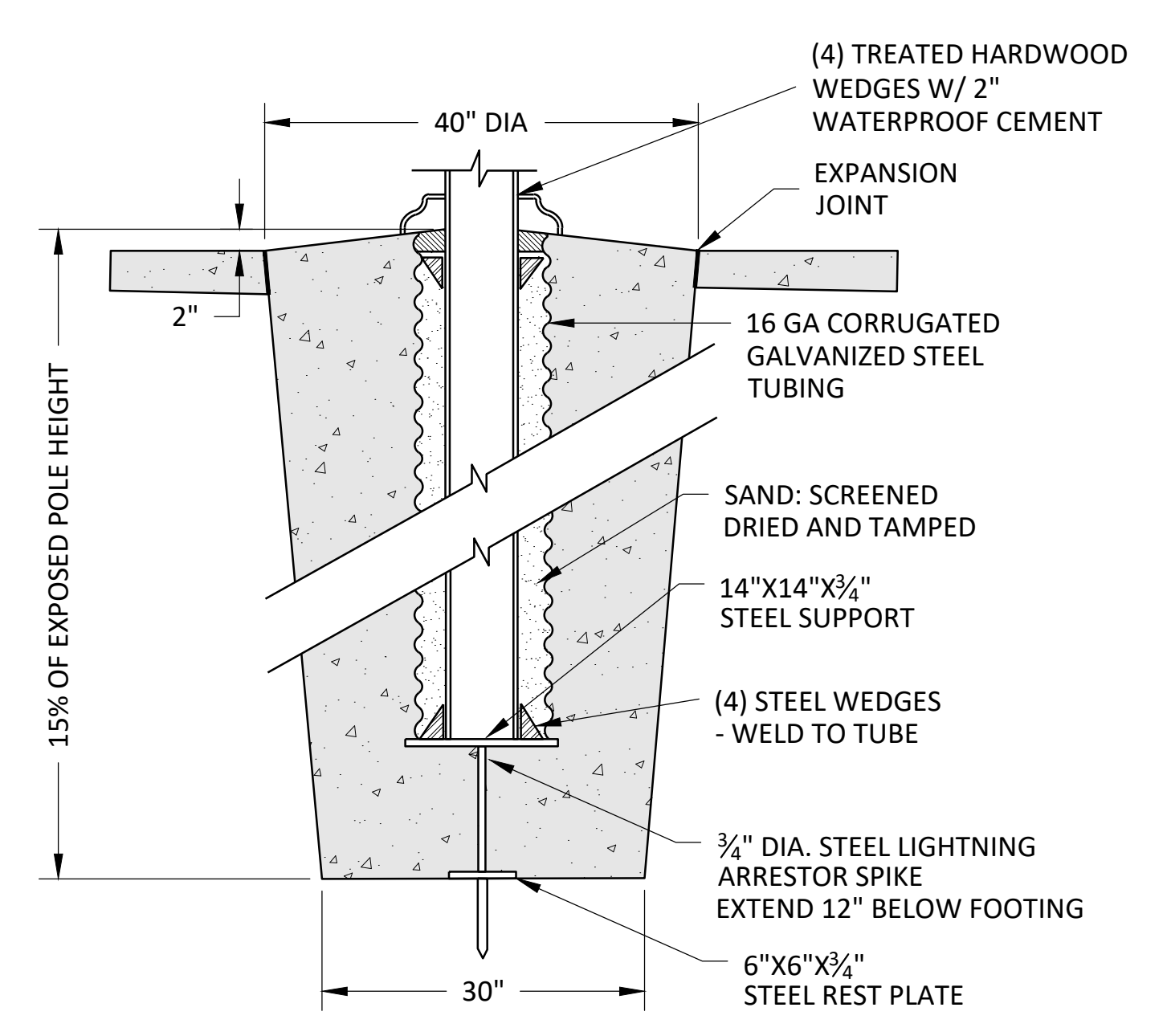
BUILDING PERMIT	
DATE	07/07/2025
SCALE	NTS
DRAWN	FCJ
CHECKED	DLA
COPYRIGHT © 2025 D.A. HOGAN & ASSOCIATES	

SITE DETAILS

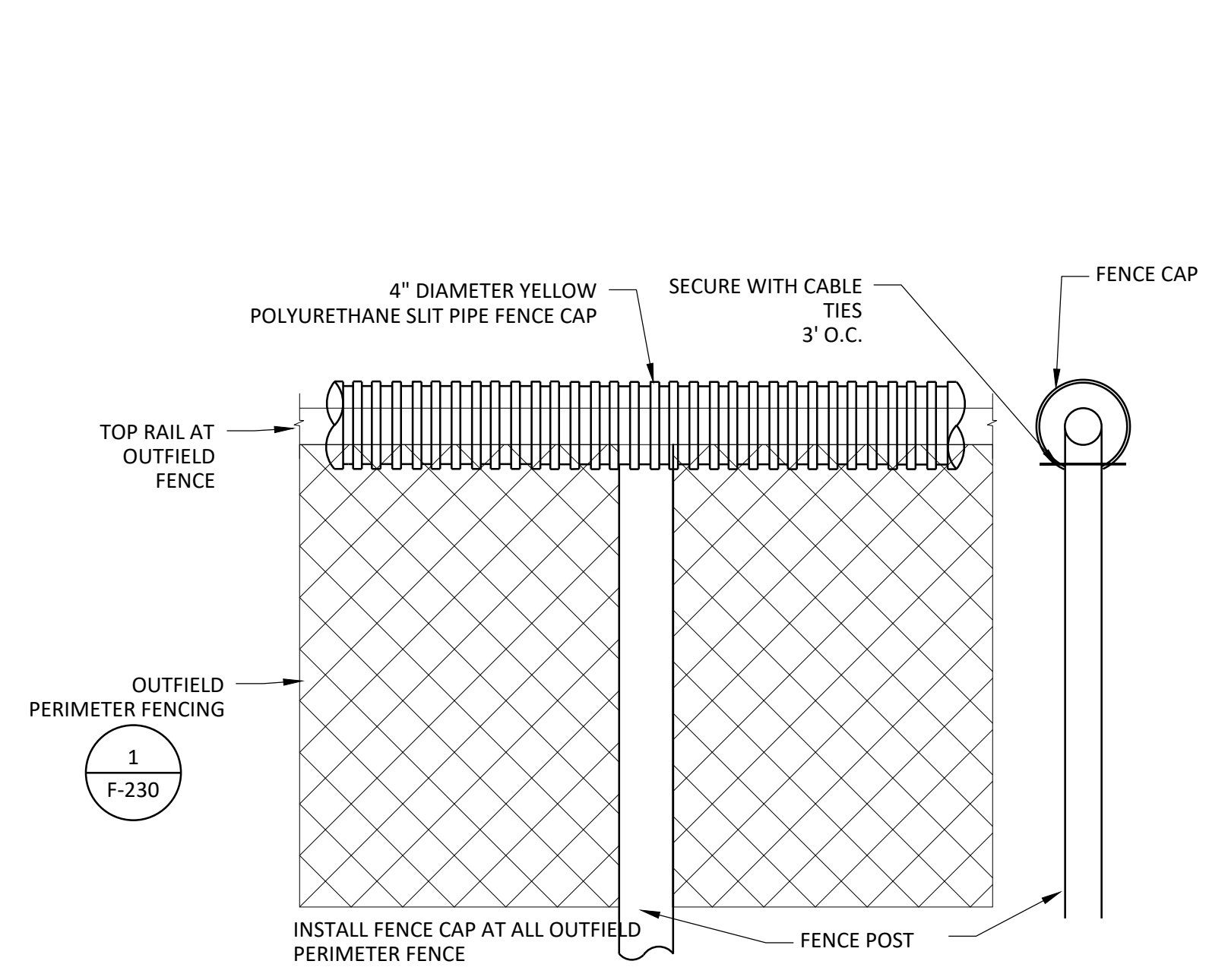
SHEET
F-261



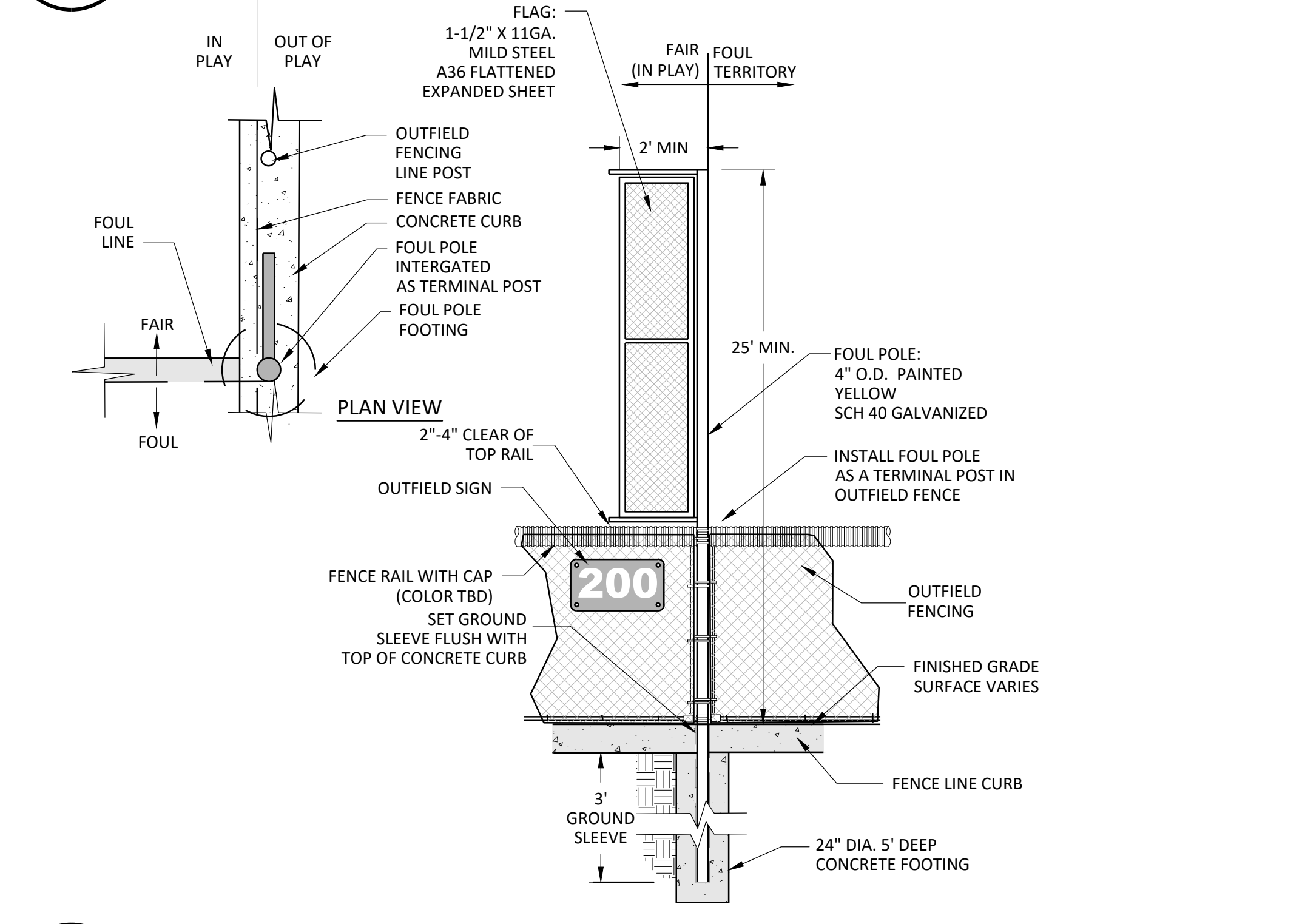
1 WIND SCREEN
F-261 NOT TO SCALE



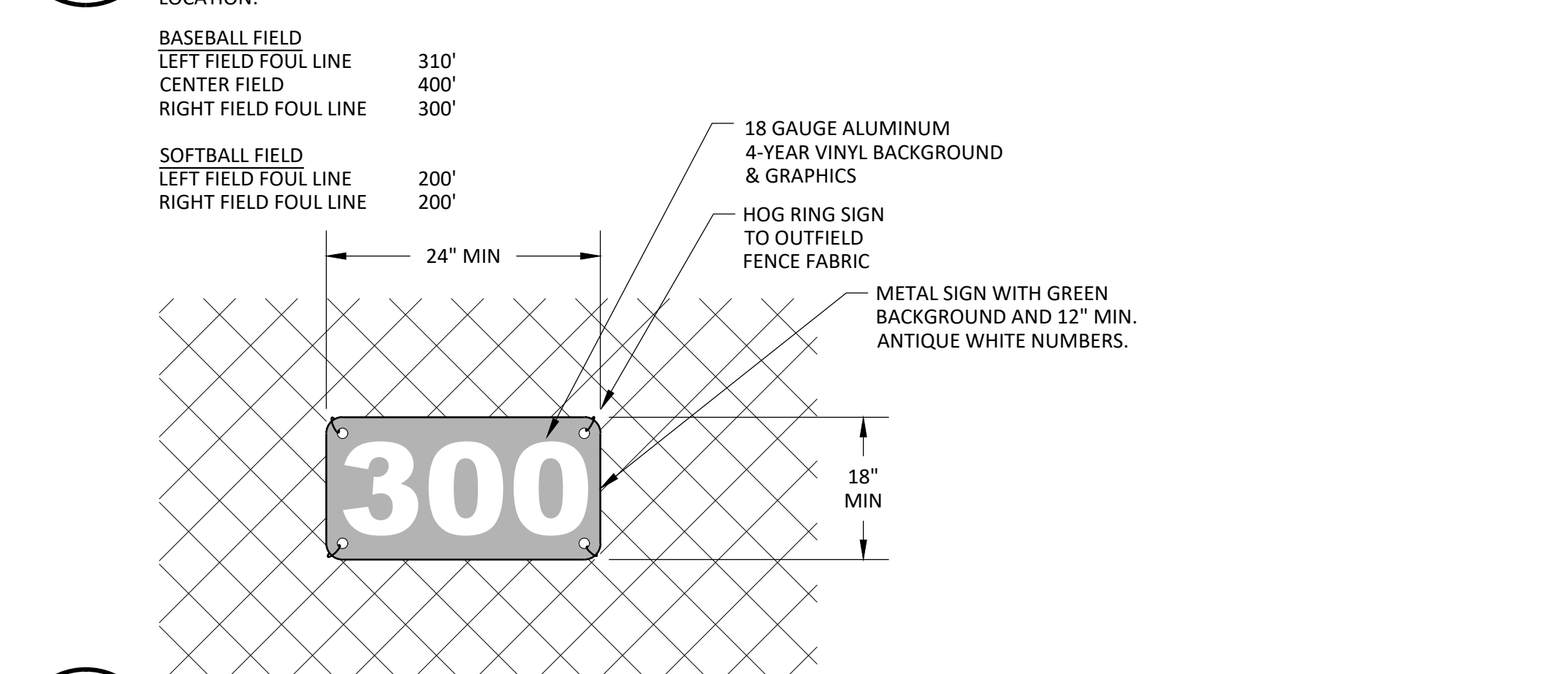
4 FLAG POLE FOOTING
F-261 NOT TO SCALE



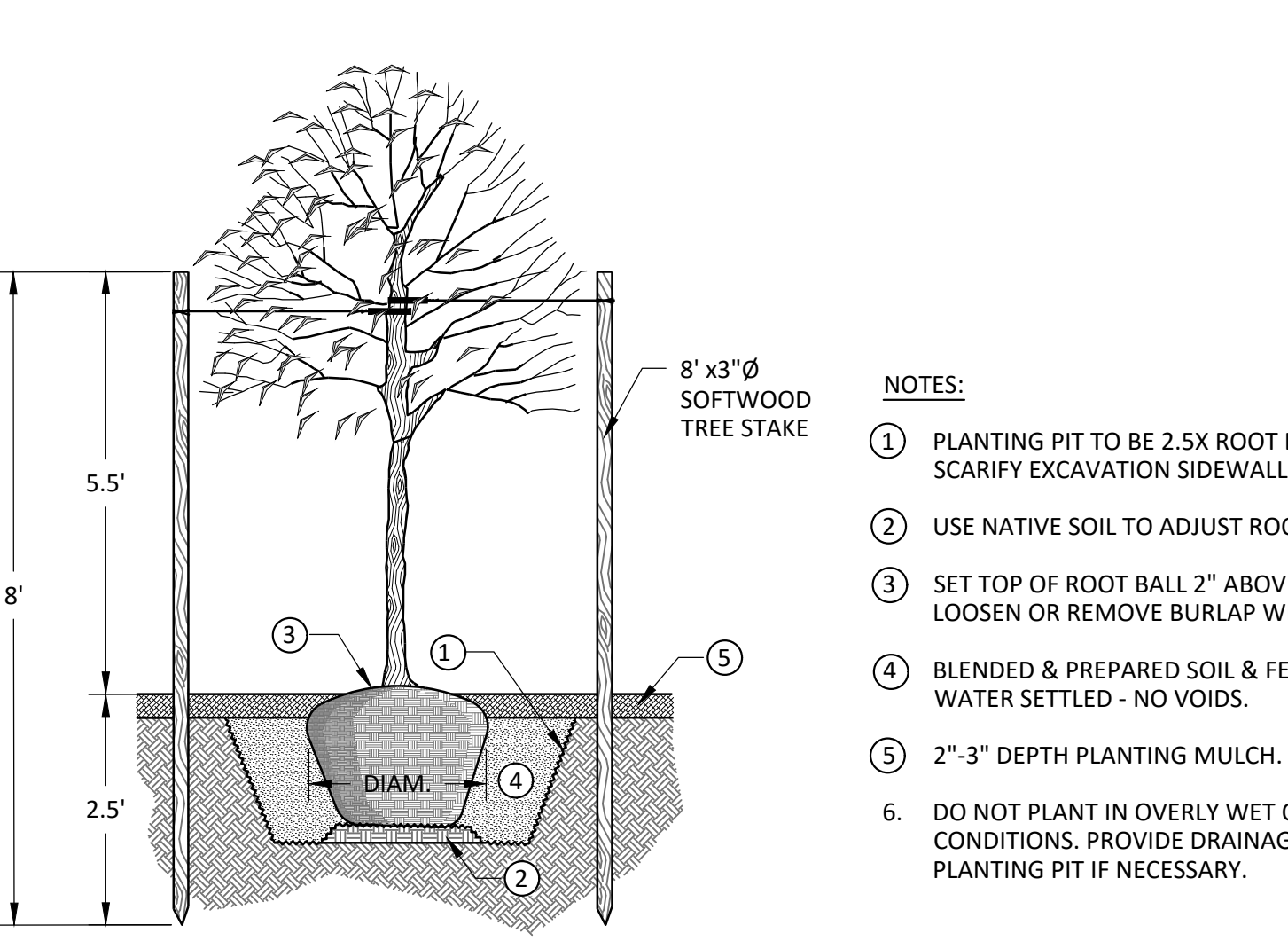
7 FENCE CAP
F-261 NOT TO SCALE



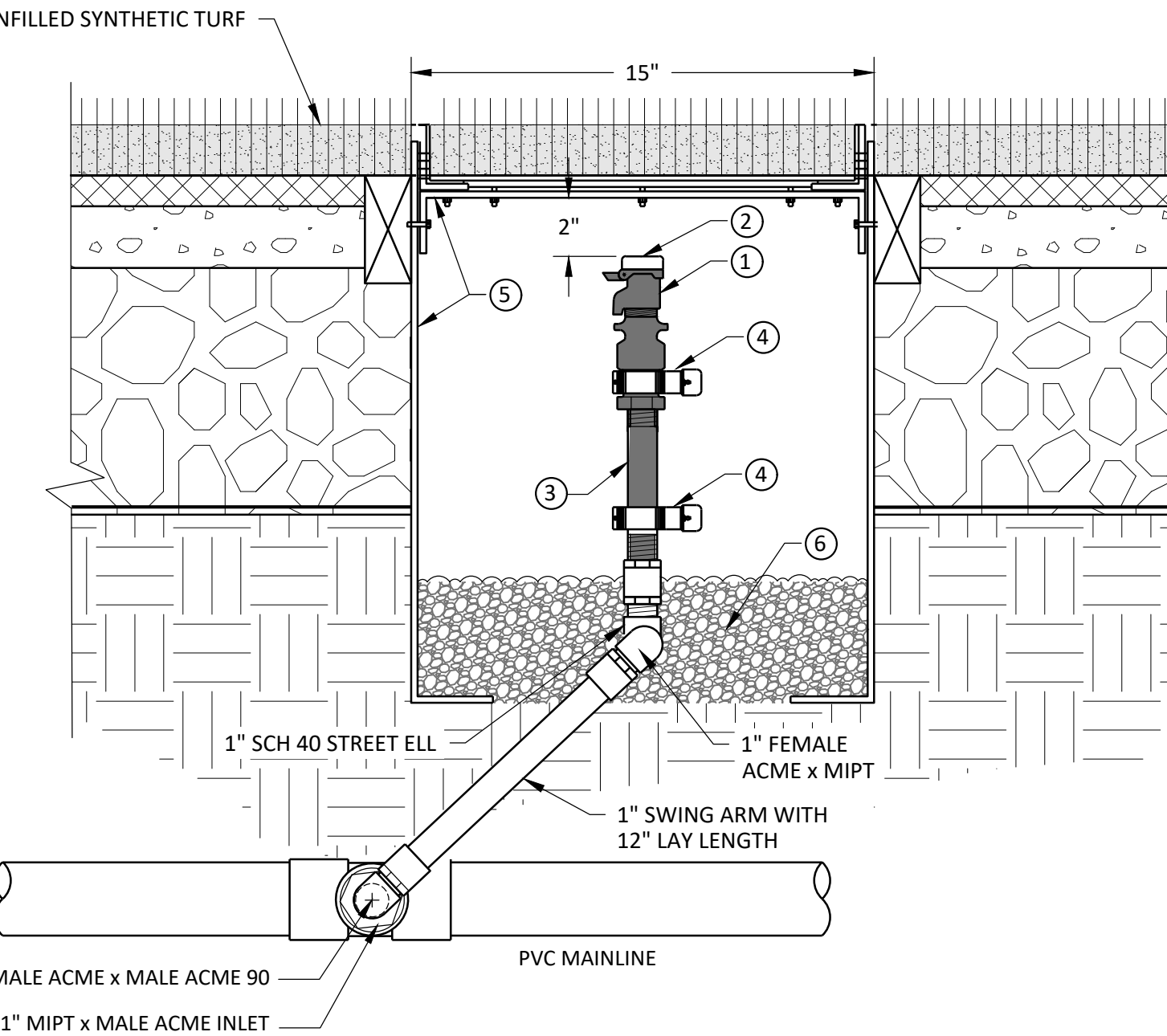
2 FOUL POLE
F-261 NOT TO SCALE



3 OUTFIELD SIGNS
F-261 NOT TO SCALE



5 DECIDUOUS TREE PLANTING
F-261 NOT TO SCALE



6 QUICK COUPLING VALVE & BOXES
F-261 NOT TO SCALE

DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2021 EDITION, AS AMENDED BY THE STATE OF WASHINGTON.

SEISMIC LOADS: EARTHQUAKE DESIGN IS BASED ON THE EQUIVALENT LATERAL FORCE PROCEDURE IN ASCE 7-16 CHAPTER 12.8 AND 15.4 WITH THE FOLLOWING FACTORS:

SITE CLASS D (DEFAULT) - ASSUMED
RISK CATEGORY II
SEISMIC DESIGN CATEGORY D

$S_s = 1.27 g$
 $S_1 = 0.44 g$
 $S_{D5} = 1.02 g$
 $S_{D1} = 0.53 g$

$T_L = 6$ SECONDS
 $I_E = 1.0$
 $R = 1.5$

WIND LOADS: WIND LOAD IS DETERMINED USING CHAPTER 26-31 OF ASCE 7-16 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

EXPOSURE CATEGORY C

$V_{3S} = 100$ mph
 $K_{zt} = 1.00$

$I_w = 1.00$
 $K_d = 0.85$

SOIL LOADS: FOUNDATIONS ARE PRECAST CONCRETE POLE INSTALLED IN CONCRETE SHAFT EXCAVATIONS. ALLOWABLE SOIL VALUES ARE BASED ON SOILS NOTED IN THE GEOTECHNICAL REPORT AND PRESUMPTIVE LOAD-BEARING VALUES PER IBC TABLE 1806.2.

ALLOWABLE LATERAL SOIL-BEARING PRESSURE 150 PCF
ALLOWABLE VERTICAL SOIL-BEARING PRESSURE 3000 PSF (MINIMUM 10' BELOW GROUND SURFACE)

THE UPPERMOST 2'-0" OF SOIL IS NEGLECTED REGARDING PASSIVE PRESSURE. LATERAL PRESSURES ARE ASSUMED TO BE INCREASE BY 2X IN ACCORDANCE WITH IBC 1806.3.4.

GENERAL NOTES

SUBMITTALS: SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STEEL AND FOUNDATION ITEMS. IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

DEFERRED SUBMITTALS: DRAWINGS AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN AND SHALL BE SUBMITTED TO THE ARCHITECT AND THE BUILDING DEPARTMENT FOR REVIEW PRIOR TO FABRICATION.

INSPECTION: SPECIAL INSPECTION PER IBC CHAPTER 17 SHALL BE PERFORMED BY AN APPROVED TESTING AGENCY AS OUTLINED IN THE SPECIAL INSPECTION SCHEDULE AND AS INDICATED IN THE PROJECT SPECIFICATIONS. ALL PREPARED SOIL-BEARING SURFACES SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

SPECIAL CONDITIONS: CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ENGINEER OF RECORD BEFORE PROCEEDING. DIMENSIONS NOTED AS PLUS OR MINUS (+) INDICATE UNVERIFIED DIMENSIONS AND ARE APPROXIMATE. NOTIFY ENGINEER OF RECORD IMMEDIATELY OF CONFLICTS OR EXCESSIVE VARIATIONS FROM INDICATED DIMENSIONS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS--DO NOT SCALE DRAWINGS. DIMENSIONS OF EXISTING CONDITIONS MAY BE BASED ON RECORD DRAWINGS AND ARE TO BE FIELD-VERIFIED BY THE CONTRACTOR.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY EXCAVATION. CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL STRUCTURAL MEMBERS, EXISTING CONSTRUCTION AND SOIL EXCAVATIONS, AS REQUIRED, AND IN A MANNER SUITABLE TO THE WORK SEQUENCE. TEMPORARY SHORING AND BRACING SHALL NOT BE REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH.

CONTRACTOR SHALL VERIFY THAT NO EXISTING NEARBY OBSTRUCTIONS OCCUR THAT WOULD LIMIT INSTALLATION/ERECTION OR THAT THE LIGHTING POLES MAY COME INTO CONTACT WITH.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.

SOILS: SEE THE GEOTECHNICAL REPORT BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC, DATED MAY 18, 2015, FOR MORE COMPLETE INFORMATION. ALL TOPSOIL ORGANICS AND LOOSE SOIL SHALL BE REMOVED AND SHALL NOT BE USED AS BEARING SURFACE. OVEREXCAVATION MAY BE REQUIRED TO REACH COMPETENT SOIL NOTED IN THE GEOTECHNICAL REPORT. THE LENGTH OF THE FOUNDATION SHAFT NOTED ON THE DRAWINGS MUST BEAR ON AND AGAINST UNDISTURBED AND COMPETENT SOILS.

FULL DEPTH CASING MAY BE NECESSARY TO PREVENT SOIL FLOW. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT EXCESSIVE SOIL MOVEMENT DURING EXCAVATION AND SHALL BE PREPARED TO IMMEDIATELY CASE THE FOUNDATION EXCAVATIONS IF EXCESSIVE SOIL MOVEMENT IS OBSERVED. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL GUIDANCE.

THE EXISTING GEOTECHNICAL REPORT FOR THE SITE INDICATES LOOSE FILL GLACIAL TILL, AND ADVANCE OUTWASH SOILS. COUBLES OR BOULDERS MAY BE PRESENT WHICH COULD BE ENCOUNTERED DURING DRILLING. THE EXISTING GEOTECHNICAL REPORT FOR THE SITE INDICATES GROUND SOURCE HEAT EXCHANGE SYSTEM IS INSTALLED NEAR THE EXISTING SOFTBALL FIELD AND TENNIS COURTS. CONTRACTOR IS TO VERIFY LOCATION OF GROUND SOURCE HEAT EXCHANGE SYSTEM AS NECESSARY TO PREVENT IMPACT TO THE SYSTEM OR DAMAGE. IF COBBLES, BOULDERS, OR GROUND SOURCE HEAT EXCHANGE SYSTEM ARE ENCOUNTERED COORDINATE WITH THE GEOTECHNICAL ENGINEER AND THE ARCHITECT FOR ADDITIONAL DIRECTION. IF THE LIGHTING LOCATION IS TO SHIFT, COORDINATE WITH THE ELECTRICAL ENGINEER.

NOTIFY ENGINEER AND GEOTECHNICAL ENGINEER IF FOUNDATIONS ARE NEAR ANY RETAINING WALLS OR WITHIN OR NEAR ANY SLOPES GREATER THAN 3H:1V FOR ADDITIONAL DIRECTION PRIOR TO FABRICATION AND INSTALLATION AS ADDITIONAL FOUNDATION EMBEDMENT MAY BE REQUIRED.

DRILLED PIERS

CONCRETE WORK SHALL BE PLACED IN ONE CONTINUOUS OPERATION WITH NO COLD OR CONSTRUCTION JOINTS. WATER SHALL BE REMOVED FROM PLACE OF DEPOSIT BEFORE THE CONCRETE IS PLACED UNLESS TREMIE IS TO BE USED. TREMIE SHALL BE USED WHEN GROUND WATERTABLE IS ABOVE BOTTOM OF FOUNDATION OR PERCHED WATER IS UNABLE TO BE REMOVED. PREVENT CONCRETE OR TREMIE TUBE FROM HITTING SIDES OF EXCAVATION AND LOOSENING SOIL. PLACE CONCRETE IMMEDIATELY AFTER EXCAVATION AND GEOTECHNICAL INSPECTIONS. DO NOT LEAVE EXCAVATION UNPROTECTED OR OPEN.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF CHAPTER 19 OF THE INTERNATIONAL BUILDING CODE.

CONCRETE MIXES: CONCRETE MIXES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

f_c TEST AGE MAX. AGG. MAX. W/C
(PSI) (DAYS) SIZE (IN.) RATIO USE EXPOSURE CLASS

3,500 28 1 0.5 DRILLED PIER FOUNDATIONS F1 S0 W0 C0

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. $CaCl_2$ OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENT RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENT RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENT RATIO AND/OR WATER CONTENT IF SHOWN ABOVE.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C 260 SHALL BE USED IN ALL CONCRETE MIXES. THE AMOUNT OF ENTRAINED AIR SHALL BE 5 PERCENT ±1 1/2 PERCENT BY VOLUME. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE FROM THE TRUCK.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL 2 WEEKS PRIOR TO PLACING ANY CONCRETE. THE MIX DESIGN SHALL BE IN CONFORMANCE WITH IBC 1905.

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING

TABLE 1 - REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)	CONTINUOUS PERIODIC	
SOILS					
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	TB 1705.6 1705.6	GEOTECHNICAL REPORT	-	X	BY THE GEOTECHNICAL ENGINEER
CAST-IN-PLACE DEEP FOUNDATION ELEMENTS					
INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.			X	-	-
VERIFY PLACEMENT LOCATIONS AND PLUMPNESS, CONFIRM ELEMENT DIAMETERS, AND ADEQUATE END BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	TB 1705.8 1705.8	GEOTECHNICAL REPORT	X	-	BY THE GEOTECHNICAL ENGINEER
FOR CONCRETE ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AND TESTS.	TB 1705.8 1705.3	-	-	-	REFER TO TABLE 2 - CONCRETE FOR ADDITIONAL MATERIALS RELATED SPECIAL INSPECTIONS AND TABLE 3 FOR TESTING BY SPECIAL INSPECTOR.

TABLE 2 - REQUIRED STRUCTURAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)	CONTINUOUS PERIODIC	
CONCRETE					
VERIFY USE OF REQUIRED DESIGN MIX.	TB 1705.3(5) 1705.3 1904 1908.2 1908.3	ACI 318: 19, 26.4.3-26.4.4, 26.13.3	-	X	-
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	TB 1705.3(6) 1908.10	ASTM C 172 ASTM C 31 ACI 318: 26.4, 26.12	X	-	-
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	TB 1705.3(7) 1705.3 1908.6-8	ACI 318: 26.5, 26.13.3	X	-	-

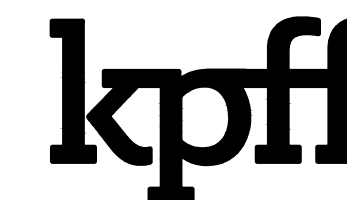
TABLE 3 - REQUIRED STRUCTURAL TESTING

SYSTEM OR MATERIAL	TESTING				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY	CONTINUOUS PERIODIC	
CONCRETE					
COMPOSITE SAMPLES		ASTM C 172 ACI 318: 26.12	ONE SAMPLE FOR EA 150 CY, ONE SET PER DAY MIN		OBTAIN WHEN FRESH CONCRETE IS PLACED FOR EACH MIX DESIGN USED
CONCRETE STRENGTH, UNO	1903 1705.3	ASTM C 39 ACI 318: 26.12	EACH SAMPLE: 1 CYL - 7 DAYS 3 CYL - TEST AGE 1 CYL - HOLD		(NOTE 8) REFER TO GENERAL NOTES FOR TEST AGE. FOR 6 BY 12-INCH CYLINDERS, 2 CYLINDERS AT TEST AGE IS PERMITTED. CYL = CYLINDER
CONCRETE SLUMP		ASTM C 143	ONE TEST PER COMPOSITE SAMPLE		AT POINT OF PLACEMENT
CONCRETE AIR CONTENT		ASTM C 231	ONE TEST PER COMPOSITE SAMPLE		MIN ONE PER DAY
CONCRETE TEMPERATURE		ASTM C 1064	ONE TEST PER COMPOSITE SAMPLE		ONE TEST PER HOUR WHEN AIR TEMP IS BELOW 40 DEG F OR ABOVE 80 DEG F

STATEMENT OF SPECIAL INSPECTION AND TESTING NOTES:

- SPECIAL INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE REFERENCE CODES AND STANDARDS LISTED IN NOTE 2. REFER TO TABLES 1 AND 2 FOR SPECIAL INSPECTION AND TABLE 3 FOR TESTING REQUIREMENTS.
- REFERENCE CODES AND STANDARDS ARE AS FOLLOWS:
IBC 2021 ACI 318-19 ASTM CURRENT EDITION
- SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED QUALIFIED TESTING AND INSPECTING AGENCY MEETING THE REQUIREMENTS OF ASTM E 329 (MATERIALS), ASTM D 3740 (SOILS), ASTM C 1077 (CONCRETE), ASTM A 880 (STEEL), AND ASTM E 843 (NON-DESTRUCTIVE). THE TESTING AND INSPECTING AGENCY SHALL FURNISH TO THE ARCHITECT A COPY OF THEIR SCOPE OF ACCREDITATION. SPECIAL INSPECTORS SHALL BE CERTIFIED BY THE BUILDING OFFICIAL.
- THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS. ISSUES REQUIRING IMMEDIATE CORRECTIVE ACTIONS OR ENGINEERING INPUT ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY UPON DISCOVERY.
- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, ARCHITECT, CONTRACTOR, AND OWNER. THE TESTING AND INSPECTING AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
- THE SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
- OBSERVE: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM: PERFORM THESE TASKS FOR EACH ELEMENT.
- INDICATED CONCRETE TESTING MEETS MINIMUM REQUIREMENTS FOR STRUCTURAL TESTING TO BE PROVIDED BY THE APPROVED QUALIFIED TESTING AND INSPECTING AGENCY. ADDITIONAL TESTING FOR CONSTRUCTION CONSIDERATIONS ARE NOT INDICATED AND SHALL BE DETERMINED BY THE CONTRACTOR AND PROVIDED AT CONTRACTOR'S EXPENSE.

REVISION DATE



LAKE WASHINGTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD RENOVATION



PRICING SET

DATE 5-8-25

SCALE NO SCALE

DRAWN TSW

CHECKED SLR

COPYRIGHT © 2022 D.A. HOGAN & ASSOCIATES

STRUCTURAL NOTES AND INSPECTION SCHEDULE

SHEET

S-100

DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2021 EDITION, AS AMENDED BY THE STATE OF WASHINGTON.

SEISMIC LOADS: EARTHQUAKE DESIGN IS BASED ON THE EQUIVALENT LATERAL FORCE PROCEDURE IN ASCE 7-16 CHAPTER 12.8 AND 15.4 WITH THE FOLLOWING FACTORS:

SITE CLASS D (DEFAULT) - ASSUMED
RISK CATEGORY II
SEISMIC DESIGN CATEGORY D

$T_L = 6$ SECONDS
 $S_s = 1.27$ g
 $S_1 = 0.44$ g
 $S_{D5} = 1.02$ g
 $S_{D1} = 0.53$ g

$I_w = 1.00$
 $I_e = 1.0$
 $R = 1.5$

WIND LOADS: WIND LOAD IS DETERMINED USING CHAPTER 26-31 OF ASCE 7-16 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

EXPOSURE CATEGORY C

$V_{3S} = 100$ mph
 $K_{zt} = 1.00$

$I_w = 1.00$
 $K_d = 0.85$

SOIL LOADS: FOUNDATIONS ARE PRECAST CONCRETE POLE INSTALLED IN CONCRETE SHAFT EXCAVATIONS. ALLOWABLE SOIL VALUES ARE BASED ON SOILS NOTED IN THE GEOTECHNICAL REPORT AND PRESUMPTIVE LOAD-BEARING VALUES PER IBC TABLE 1806.2.

ALLOWABLE LATERAL SOIL-BEARING PRESSURE 150 PCF
ALLOWABLE VERTICAL SOIL-BEARING PRESSURE 3000 PSF (MINIMUM 10' BELOW GROUND SURFACE)

THE UPPERMOST 2'-0" OF SOIL IS NEGLECTED REGARDING PASSIVE PRESSURE. LATERAL PRESSURES ARE ASSUMED TO BE INCREASE BY 2X IN ACCORDANCE WITH IBC 1806.3.4.

GENERAL NOTES

SUBMITTALS: SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STEEL AND FOUNDATION ITEMS. IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

DEFERRED SUBMITTALS: DRAWINGS AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN AND SHALL BE SUBMITTED TO THE ARCHITECT AND THE BUILDING DEPARTMENT FOR REVIEW PRIOR TO FABRICATION.

INSPECTION: SPECIAL INSPECTION PER IBC CHAPTER 17 SHALL BE PERFORMED BY AN APPROVED TESTING AGENCY AS OUTLINED IN THE SPECIAL INSPECTION SCHEDULE AND AS INDICATED IN THE PROJECT SPECIFICATIONS. ALL PREPARED SOIL-BEARING SURFACES SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

SPECIAL CONDITIONS: CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ENGINEER OF RECORD BEFORE PROCEEDING. DIMENSIONS NOTED AS PLUS OR MINUS (+) INDICATE UNVERIFIED DIMENSIONS AND ARE APPROXIMATE. NOTIFY ENGINEER OF RECORD IMMEDIATELY OF CONFLICTS OR EXCESSIVE VARIATIONS FROM INDICATED DIMENSIONS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS--DO NOT SCALE DRAWINGS. DIMENSIONS OF EXISTING CONDITIONS MAY BE BASED ON RECORD DRAWINGS AND ARE TO BE FIELD-VERIFIED BY THE CONTRACTOR.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY EXCAVATION. CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING OF ALL STRUCTURAL MEMBERS, EXISTING CONSTRUCTION AND SOIL CONDITIONS, AS REQUIRED, AND IN A MANNER SUITABLE TO THE WORK SEQUENCE. TEMPORARY SHORING AND BRACING SHALL NOT BE REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH.

CONTRACTOR SHALL VERIFY THAT NO EXISTING NEARBY OBSTRUCTIONS OR CUR THAT WOULD LIMIT INSTALLATION/ERECTION OR THE LIGHTING POLES MAY COME INTO CONTACT WITH THE FOUNDATION.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCE AND PROCEDURES REQUIRED TO PERFORM THE WORK.

SOILS: SEE THE GEOTECHNICAL REPORT BY AMEC WATER WHEELER ENVIRONMENTAL INFRASTRUCTURE INC. DATED MAY 2015, FOR MORE COMPLETE INFORMATION. ALL TOPSOIL, ROCKS AND LOOSE SOIL SHALL BE REMOVED AND SHALL NOT BE USED AS BEARING SURFACE. OVER EXCAVATION MAY BE REQUIRED TO REACH COMPETENT SOIL AS NOTED IN THE GEOTECHNICAL REPORT. THE LENGTH OF THE FOUNDATION SHAFT NOTED ON THE DRAWINGS MUST BE IN CONFORMANCE WITH THE GEOTECHNICAL REPORT.

FULL DEPTH CASING MAY BE NECESSARY TO PREVENT SOIL FLOW. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT EXCESSIVE SOIL MOVEMENT DURING EXCAVATION AND SHALL BE PREPARED TO IMMEDIATELY CASE THE FOUNDATION EXCAVATIONS IF EXCESSIVE SOIL MOVEMENT IS OBSERVED. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL GUIDANCE.

THE EXISTING GEOTECHNICAL REPORT FOR THE SITE INDICATES LOOSE FILL GLACIAL TILL AND ADVANCE OUTWASH SOILS. COBBLES OR BOULDER MAY BE PRESENT WHICH COULD BE ENCOUNTERED DURING DRILLING. THE EXISTING GEOTECHNICAL REPORT FOR THE INDICATES GROUND SOURCE HEAT EXCHANGE SYSTEMS INSTALLED NEAR THE EXISTING SOFTBALL FIELD AND TENNIS COURTS. CONTRACTOR SHALL VERIFY LOCATION OF GROUND SOURCE HEAT EXCHANGE SYSTEM AS NECESSARY TO PREVENT IMPAIRMENT OF THE SYSTEM OR DAMAGE TO COBBLES, BOULDERS, OR GROUND SOURCE HEAT EXCHANGE SYSTEM ARE ENCOUNTERED. COORDINATE WITH THE GEOTECHNICAL ENGINEER AND THE ARCHITECT FOR ADDITIONAL INFORMATION. IF THE LIGHTING LOCATION IS TO BE NEAR, COORDINATE WITH THE ELECTRICAL ENGINEER.

NOTIFY ENGINEER AND GEOTECHNICAL ENGINEER IF FOUNDATIONS ARE NEAR ANY RETAINING WALLS WITHIN OR NEAR SLOPES GREATER THAN 3H:1V FOR ADDITIONAL DIRECTION PRIOR TO FABRICATION. INSTALLATION AS ADDITIONAL FOUNDATION EMBEDMENT MAY BE REQUIRED.

DRILLED PIERS

CONCRETE WORK SHALL BE PLACED IN ONE CONTINUOUS OPERATION WITH NO COLD OR CONSTRUCTION JOINTS. WATER SHALL BE REMOVED FROM PLACE OF DEPOSIT BEFORE THE CONCRETE IS PLACED UNLESS TREMIE IS TO BE USED. TREMIE SHALL BE USED WHEN GROUND WATERTABLE IS ABOVE BOTTOM OF FOUNDATION OR PERCHED WATER IS UNABLE TO BE REMOVED. PREVENT CONCRETE OR TREMIE TUBE FROM HITTING SIDES OF EXCAVATION AND LOOSENING SOIL. PLACE CONCRETE IMMEDIATELY AFTER EXCAVATION AND GEOTECHNICAL INSPECTIONS. DO NOT LEAVE EXCAVATION UNPROTECTED OR OPEN.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF CHAPTER 19 OF THE INTERNATIONAL BUILDING CODE.

CONCRETE MIXES: CONCRETE MIXES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

f_c TEST AGE MAX. AGG. MAX. W/C
(PSI) (DAYS) SIZE (IN.) RATIO USE EXPOSURE CLASS

3,500 28 1 0.5 DRILLED PIER FOUNDATIONS F1 S0 W0 C0

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. $CaCl_2$ OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENT RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENT RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENT RATIO AND/OR WATER CONTENT IF SHOWN ABOVE.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C 260 SHALL BE USED IN ALL CONCRETE MIXES. THE AMOUNT OF ENTRAINED AIR SHALL BE 5 PERCENT ± 1/2 PERCENT BY VOLUME. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE FROM THE TRUCK.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE MIX DESIGN SHALL BE IN CONFORMANCE WITH IBC 1905.

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING

TABLE 1 - REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	INSPECTION CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
SOILS					
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	TB 1705.6 1705.6	GEOTECHNICAL REPORT	-	-	REFER TO THE GEOTECHNICAL ENGINEER
CAST-IN-PLACE DEEP FOUNDATION ELEMENTS					
INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	-	-	X	-	-
VERIFY PLACEMENT LOCATIONS AND PLUMPNESS. CONFIRM ELEMENT DIAMETERS, AND ADEQUATE END BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	TB 1705.8 1705.8	GEOTECHNICAL REPORT	-	X	REFER TO THE GEOTECHNICAL ENGINEER
FOR CONCRETE ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AND TESTING.	TB 1705.8 1705.3	-	-	-	REFER TO TABLE 2 - CONCRETE FOR ADDITIONAL MATERIALS RELATED SPECIAL INSPECTIONS AND TABLE 3 FOR TESTING BY SPECIAL INSPECTOR.

TABLE 2 - REQUIRED STRUCTURAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	IBC CODE REFERENCE	INSPECTION CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6)		REMARKS
			CONTINUOUS	PERIODIC	
CONCRETE					
VERIFY USE OF REQUIRED DESIGN MIX.	TB 1705.3(5) 1705.3 1904 1908.2 1908.3	ACI 318-19 26.4.3-26.4.3.3 26.13.3	-	-	-
PRIOR TO CONCRETE PLACEMENT, FURNISH SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	TB 1705.3(6) 1908.10	ASTM C 172 ASTM C 138 ACI 318-19 26.4, 26.12	X	-	-
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	TB 1705.3(7) 1905.3 1908.3	ACI 318-19 26.5, 26.13.3	-	-	-

TABLE 3 - REQUIRED STRUCTURAL TESTING

SYSTEM OR MATERIAL	IBC CODE REFERENCE	TESTING CODE OR STANDARD REFERENCE	FREQUENCY		REMARKS
			CONTINUOUS	PERIODIC	
CONCRETE					
COMPOSITE SAMPLE	-	ASTM C 172 ACI 318-19 26.12	ONE SAMPLE FOR EA 150 CY, ONE SET PER DAY MIN	-	OBTAIN WHEN FRESH CONCRETE IS PLACED FOR EACH MIX DESIGN USED
CONCRETE STRENGTH, UNO	1903 1705.3	ASTM C 39 ACI 318-19 26.12	EACH SAMPLE: 1 CYL - 7 DAYS 3 CYL - TEST AGE 1 CYL - HOLD	-	(NOTE 8) REFER TO GENERAL NOTES FOR TEST AGE. FOR 6 BY 12-INCH CYLINDERS, 2 CYLINDERS AT TEST AGE IS PERMITTED. CYL = CYLINDER
CONCRETE SLUMP	-	ASTM C 143	ONE TEST PER COMPOSITE SAMPLE	-	AT POINT OF PLACEMENT
CONCRETE AIR CONTENT	-	ASTM C 231	ONE TEST PER COMPOSITE SAMPLE	-	MIN ONE PER DAY
CONCRETE TEMPERATURE	-	ASTM C 1064	ONE TEST PER COMPOSITE SAMPLE	-	ONE TEST PER HOUR WHEN AIR TEMP IS BELOW 40 DEG F OR ABOVE 80 DEG F

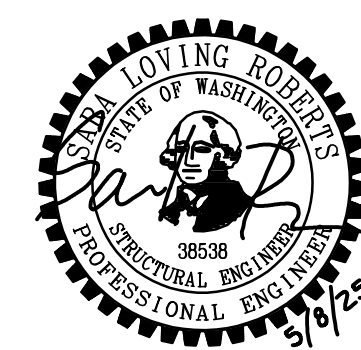
STATEMENT OF SPECIAL INSPECTION AND TESTING NOTES:

- SPECIAL INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE REFERENCE CODES AND STANDARDS LISTED IN NOTE 2. REFER TO TABLES 1 AND 2 FOR SPECIAL INSPECTION AND TABLE 3 FOR TESTING REQUIREMENTS.
- REFERENCE CODES AND STANDARDS ARE AS FOLLOWS:
IBC 2021 ACI 318-19 ASTM CURRENT EDITION
- SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED QUALIFIED TESTING AND INSPECTING AGENCY MEETING THE REQUIREMENTS OF ASTM E 329 (MATERIALS), ASTM D 3740 (SOILS), ASTM C 1077 (CONCRETE), ASTM A 880 (STEEL), AND ASTM E 843 (NON-DESTRUCTIVE). THE TESTING AND INSPECTING AGENCY SHALL FURNISH TO THE ARCHITECT A COPY OF THEIR SCOPE OF ACCREDITATION. SPECIAL INSPECTORS SHALL BE CERTIFIED BY THE BUILDING OFFICIAL.
- THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS. ISSUES REQUIRING IMMEDIATE CORRECTIVE ACTIONS OR ENGINEERING INPUT ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY UPON DISCOVERY.
- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER, ARCHITECT, CONTRACTOR, AND OWNER. THE TESTING AND INSPECTING AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
- CONTINUOUS SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
- OBSERVE: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM: PERFORM THESE TASKS FOR EACH ELEMENT.
- INDICATED CONCRETE TESTING MEETS MINIMUM REQUIREMENTS FOR STRUCTURAL TESTING TO BE PROVIDED BY THE APPROVED QUALIFIED TESTING AND INSPECTING AGENCY. ADDITIONAL TESTING FOR CONSTRUCTION CONSIDERATIONS ARE NOT INDICATED AND SHALL BE DETERMINED BY THE CONTRACTOR AND PROVIDED AT CONTRACTOR'S EXPENSE.

REVISION DATE



LAKE WASHINGTON HIGH SCHOOL SOFTBALL & TENNIS FIELD RENOVATION



PRICING SET

DATE 5-8-25

SCALE NO SCALE

DRAWN TSW

CHECKED SLR

COPYRIGHT © 2022 D.A. HOGAN & ASSOCIATES

STRUCTURAL NOTES AND INSPECTION SCHEDULE

SHEET

S-100

REVISION	DATE



LAKE WASHINGTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD RENOVATION



1450 114th Ave. SE, Suite 225
Bellevue, WA 98004
P: 206.285.0400
www.dahogan.com



PRICING SET

DATE	5-8-25
SCALE	NO SCALE
DRAWN	TSW
CHECKED	SLR
COPYRIGHT © 2022 D.A. HOGAN & ASSOCIATES	

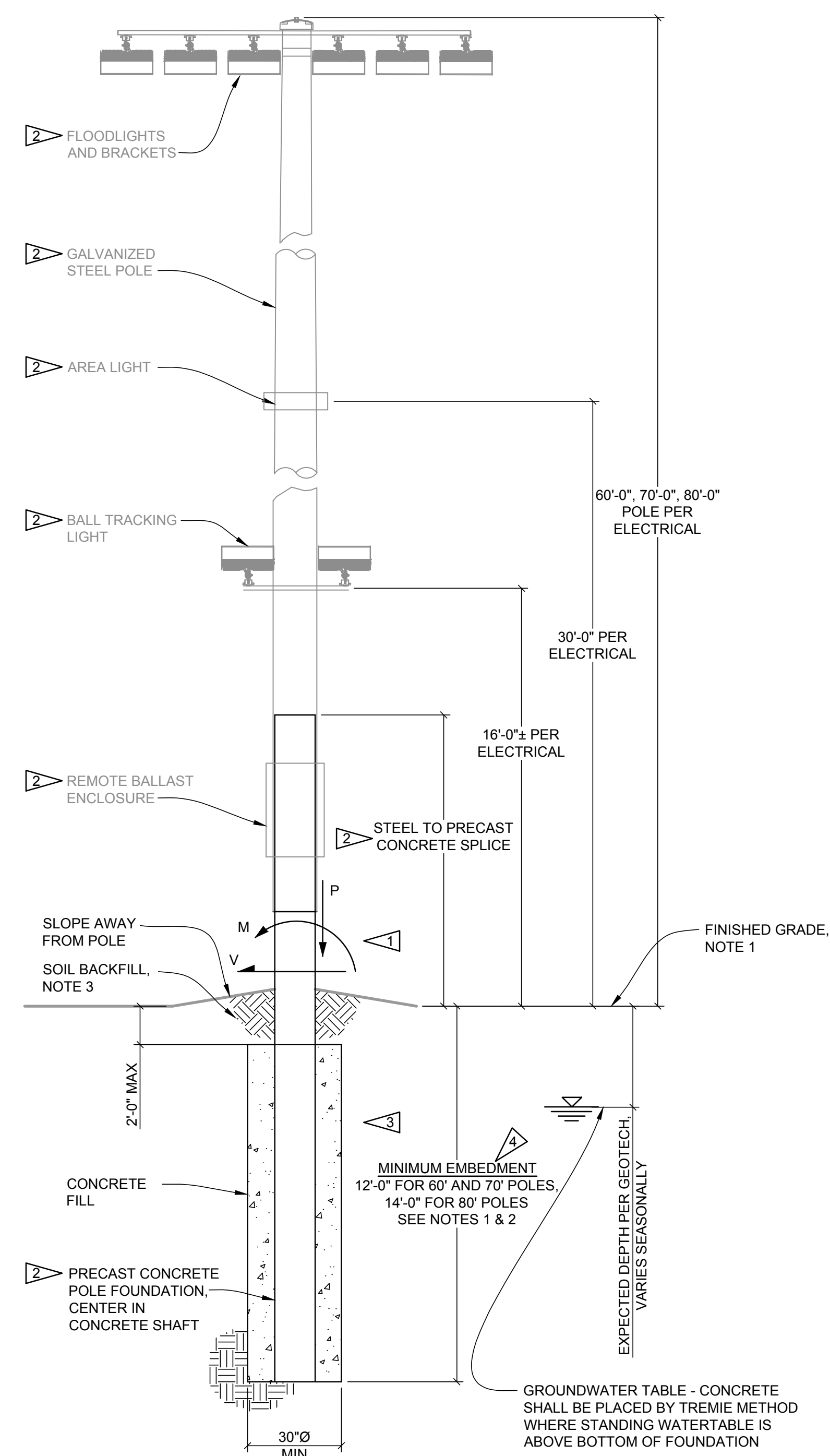
POLE FOUNDATION DETAILS

SHEET

S-101

- 1 SEE LOAD SCHEDULE.
- 2 STRUCTURAL DESIGN BY OTHERS. SEE DEFERRED SUBMITTAL REQUIREMENTS IN GENERAL NOTES
- 3 THE CONTRACTOR SHALL BE PREPARED TO IMMEDIATELY CASE THE FOUNDATION EXCAVATION IF EXCESSIVE SOIL MOVEMENT IS OBSERVED.
- 4 MINIMUM EMBEDMENT DEPTH SHOWN. COORDINATE WITH POLE SUPPLIER AS ADDITIONAL DEPTH MAY BE REQUIRED FOR PRECAST BASE.

1 SHEET FLAG NOTES
S-1.01 SCALE: NONE



- NOTES:
- EMBEDMENT DEPTH SHALL BE MEASURED FROM LOWEST ADJACENT GRADE. AT LOCATIONS ADJACENT TO SLOPES (WITHIN THE LENGTH OF EMBEDMENT) LESS THAN OR EQUAL TO 3H:1V, THIS SHALL BE MEASURED AT A DISTANCE OF THE EMBEDMENT DEPTH FROM THE FOUNDATION ON THE SLOPE. AT VERTICAL GRADE STEPS THIS SHALL BE MEASURED AT THE LOWER GRADE UNLESS APPROVED BY THE GEOTECHNICAL ENGINEER.
 - THE GEOTECHNICAL REPRESENTATIVE SHALL BE ON SITE DURING EXCAVATION TO FIELD VERIFY CONDITIONS DURING DRILLING. TEMPORARILY SUSPEND PRECAST POLE BASE AS NECESSARY IF EXCAVATION IS DEEPER THAN PRECAST CONCRETE POLE FOUNDATION EMBEDMENT.
 - SOIL BACKFILL SHALL BE PROVIDED AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER.

60'-0" POLES			
GOVERNING UNFACTORED FOUNDATION DESIGN LOADS			
	V	M	P
WIND	1.9k	77k-ft	-
SEISMIC	1.2k	46k-ft	0.5k
DEAD	-	-	2.1k

NOTE:
60'-0" POLE SHALL HAVE NO MORE THAN (6) LED FLOODLIGHTS AT 60', (1) LED AREA LIGHT AT 30', AND (1) LED BALL TRACKING LIGHT AT 16'. EACH LIGHT AND MOUNTING SHALL HAVE A MAXIMUM EPA OF 2.5 SQ. FT.

70'-0" POLES			
GOVERNING UNFACTORED FOUNDATION DESIGN LOADS			
	V	M	P
WIND	2.3k	105k-ft	-
SEISMIC	1.4k	62k-ft	0.5k
DEAD	-	-	2.4k

NOTE:
70'-0" POLE SHALL HAVE NO MORE THAN (7) LED FLOODLIGHTS AT 70', (1) LED AREA LIGHT AT 30', AND (1) LED BALL TRACKING LIGHT AT 16'. EACH LIGHT AND MOUNTING SHALL HAVE A MAXIMUM EPA OF 2.5 SQ. FT.

80'-0" POLES			
GOVERNING UNFACTORED FOUNDATION DESIGN LOADS			
	V	M	P
WIND	3.1k	172k-ft	-
SEISMIC	1.7k	94k-ft	0.5k
DEAD	-	-	3.0k

NOTE:
80'-0" POLE SHALL HAVE NO MORE THAN (10) LED FLOODLIGHTS AT 80', (1) LED AREA LIGHT AT 30', AND (2) LED BALL TRACKING LIGHT AT 16'. EACH LIGHT AND MOUNTING SHALL HAVE A MAXIMUM EPA OF 2.5 SQ. FT.

- SCHEDULE NOTES:
- NOTED VERTICAL DEAD LOADS DO NOT INCLUDE PRECAST BASE WEIGHT.
 - LOADS ARE NOMINAL UNFACTORED LOADS AT THE GROUND SURFACE.

2 LIGHT POLE FOUNDATION DETAIL
S-1.01 SCALE: NONE

File: LWSF_S1_0.dwg Plotted by: trowler Date: 09-May-25 1:09:45pm

STRUCTURAL NOTES

DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION.

WIND LOADS
WIND LOAD IS DETERMINED USING CHAPTERS 26-31 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

RISK CATEGORY I $K_{zt} = 1.12$
EXPOSURE CATEGORY B
 $V = 92$ MPH (65 MPH AT FENCING BREAKAWAY CONDITION)

SOIL LOADS
ALLOWABLE VERTICAL BEARING PRESSURE 1500 PSF
ALLOWABLE LATERAL BEARING PRESSURE 200 PSF

SEISMIC LOADS
SITE CLASS D
RISK CATEGORY I
SEISMIC DESIGN CATEGORY D - DEFAULT
 $I_e = 1.0$ $S_s = 1.27$ g
 $S_v = 0.442$ g $S_{ps} = 1.016$ g
 $T_L = 6$ SECONDS

GENERAL NOTES

SUBMITTALS
SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING: CONCRETE OR MASONRY REINFORCEMENT, PRECAST OR PRESTRESSED CONCRETE ITEMS, EMBEDDED STEEL ITEMS, STRUCTURAL STEEL, STEEL JOISTS, STEEL DECK, SHEAR STUD LAYOUT, METAL GRATING, GLUED-LAMINATED MEMBERS, CLADDING PANELS AND STAIRS.

IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

SOILS
SEE THE GEOTECHNICAL REPORT BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, MAY 18, 2015 FOR MORE COMPLETE INFORMATION. EARTHWORK MATERIAL, BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. BACKFILL BEHIND WALLS SHALL NOT BE PLACED BEFORE THE WALLS AND SUPPORTING SLABS ACHIEVE 28 DAY CONCRETE STRENGTH OR THE WALLS ARE TEMPORARILY BRACED. ALL TOPSOIL ORGANICS AND LOOSE SURFACE SOIL SHALL BE REMOVED FROM BENEATH FILL SUPPORTING CONCRETE SLABS OR PAVING.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF IBC CHAPTER 19.

CONCRETE MIXTURES
CONCRETE MIXTURES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

f _c (PSI)	TEST AGE (DAYS)	EXPOSURE CLASS				USE
		F	S	W	C	
4,000	28	F2	S0	W0	C0	FOUNDATIONS

CONCRETE MIXTURES SHALL CONFORM TO THE MOST STRINGENT REQUIREMENTS FOR EXPOSURE CLASSES SPECIFIED IN THE TABLE ABOVE AND ACI 318 TABLE 19.3.2.1.

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CaCl₂ OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENTITIOUS MATERIALS RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO AND/OR WATER CONTENT IF SHOWN ABOVE OR IN ACI 318 TABLE 19.3.2.1 FOR THE EXPOSURE CLASSES LISTED.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

REINFORCING STEEL
DEFORMED BARS ASTM A 615, GRADE 60

REINFORCING SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD OF PRACTICE AS OUTLINED IN ACI 315, "GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS".

LAP ALL REINFORCING BARS AS NOTED ON THE DRAWINGS. WHERE SPLICE LENGTH IS NOT SHOWN, USE TYPE L_b (L_b FOR TOP BARS) SPLICE PER DEVELOPMENT AND SPLICE LENGTH SCHEDULE. MECHANICAL SPLICES CALLED OUT ON THE PLANS SHALL BE TYPE 1, UNLESS OTHERWISE NOTED. TYPE 1 SPLICES SHALL DEVELOP 125 PERCENT OF THE YIELD CAPACITY OF THE SPLICED BARS IN BOTH TENSION AND COMPRESSION. TYPE 2 SPLICES SHALL DEVELOP THE SPECIFIED TENSILE STRENGTH OF THE SPLICED BARS IN TENSION IN ADDITION TO MEETING TYPE 1 SPLICE REQUIREMENTS. SUBMIT ICC-ES OR IAPMO UES REPORT VALID FOR THE 2021 IBC DEMONSTRATING COMPLIANCE OF COUPLERS WITH THESE REQUIREMENTS.

STRUCTURAL STEEL

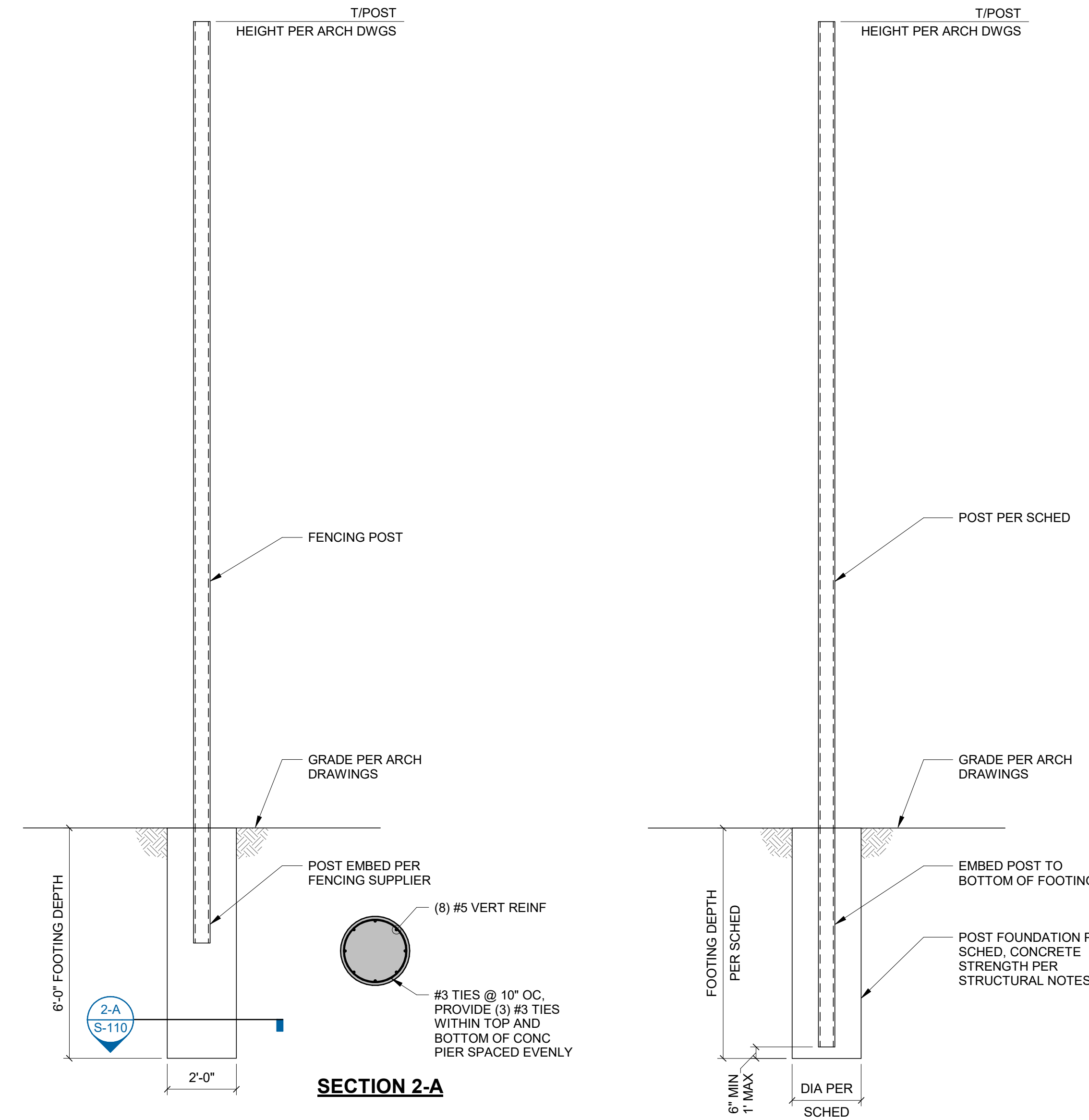
REFERENCE SPECIFICATIONS
STRUCTURAL STEEL AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"

STEEL MATERIALS
STEEL PIPE ASTM A53 GRADE B

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND UNEQUAL PARTS.

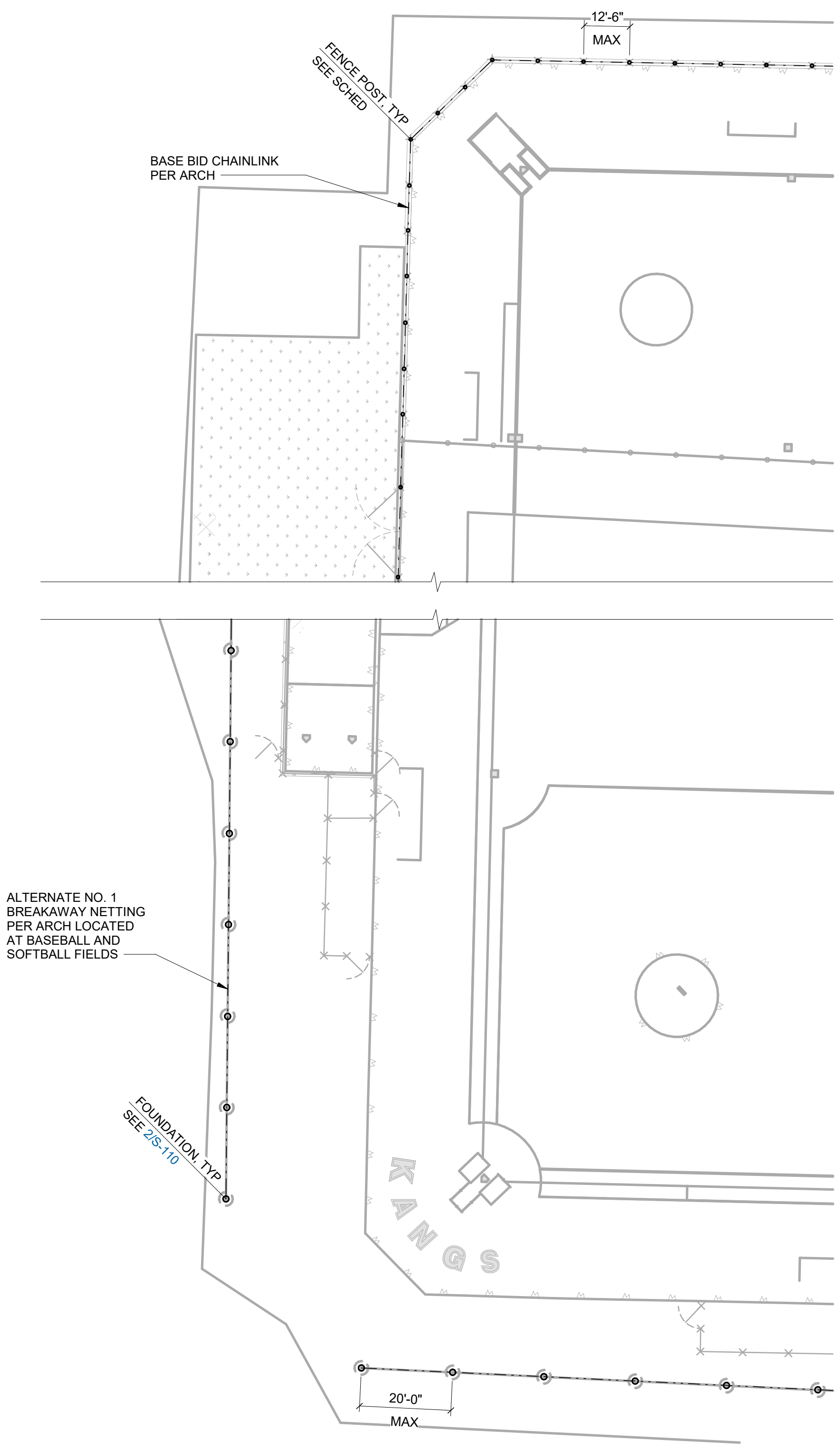
SPECIAL INSPECTIONS AND TESTING SCHEDULE

SPECIAL INSPECTIONS AND TESTING SCHEDULE					
ESTABLISHED PER IBC 2018 SECTION 110 AND CHAPTER 17					
SYSTEM OR MATERIAL	INSPECTION			REMARKS	
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6) CONTINUOUS PERIODIC		
CONCRETE					
INSPECT REINFORCEMENT, INCLUDING EMBEDMENTS AND PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	TB 1705.3(1) 1705.3 1908.1	ACI 318: 20, 25.2-25.3, 26.6.1-26.6.3, 26.8, 26.13.3...	-	X	TOLERANCE AND REINFORCING PLACEMENT PER ACI 318: 26.6
INSPECT REINFORCEMENT AND VERIFY PLACEMENT	TB 1705.3(1) 1705.3 1908.4	ACI 318: 20, 25.2-25.3, 26.6.1-26.6.3, 26.8, 26.13.3...	-	X	TOLERANCE AND REINFORCING PLACEMENT PER ACI 318: 26.6
INSPECT ANCHORS CAST IN CONCRETE	WAC 51-50-1705	ACI 318 17.8.2; AISC 360: N5.8	-	X	ALL ANCHORS SHALL BE VISUALLY INSPECTED
VERIFY USE OF REQUIRED DESIGN MIX.	TB 1705.3(5) 1705.3 1904 1908.2 1908.3	ACI 318: 19, 26.4.3-26.4.4, 26.13.3	-	X	-
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	TB 1705.3(6) 1908.10	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	X	-	-
INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	TB 1705.3(7) 1705.3 1908.6-8	ACI 318: 26.5, 26.13.3	X	-	-
VERIFY CURING METHOD AND DURATION OF CURING FOR EACH MEMBER.	-	ACI 318: 26.5, 26.13.3	-	X	-
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	TB 1705.3(12) 1705.3	ACI 318: 26.11.1.2(b)	-	X	-



2 ADD ALTERNATE NO. 1 BREAKAWAY NETTING SUPPORT POST FOUNDATION
NO SCALE

3 BASE BID POST FOUNDATION
NO SCALE



1 SITE PLAN
1" = 20'-0"

	10 FT CHAINLINK	30 FT CHAINLINK
POST HEIGHT		
CORNER POST	-	-
TERMINAL POST	-	-
LINE POST	PIPE 2.5 STD	PIPE 6 X-STRONG
FOOTING DEPTH	4'-0"	6'-6"
FOOTING DIAMETER D	24"	24"

NOTES:
1. SEE 3/S-110 FOR FOOTING INFORMATION.
2. POSTS SHOWN ARE MIN. SIZE, LARGER CAN BE USED AT ARCH OPTION.

4 BASE BID POST SCHEDULE
NO SCALE

REVISION	DATE

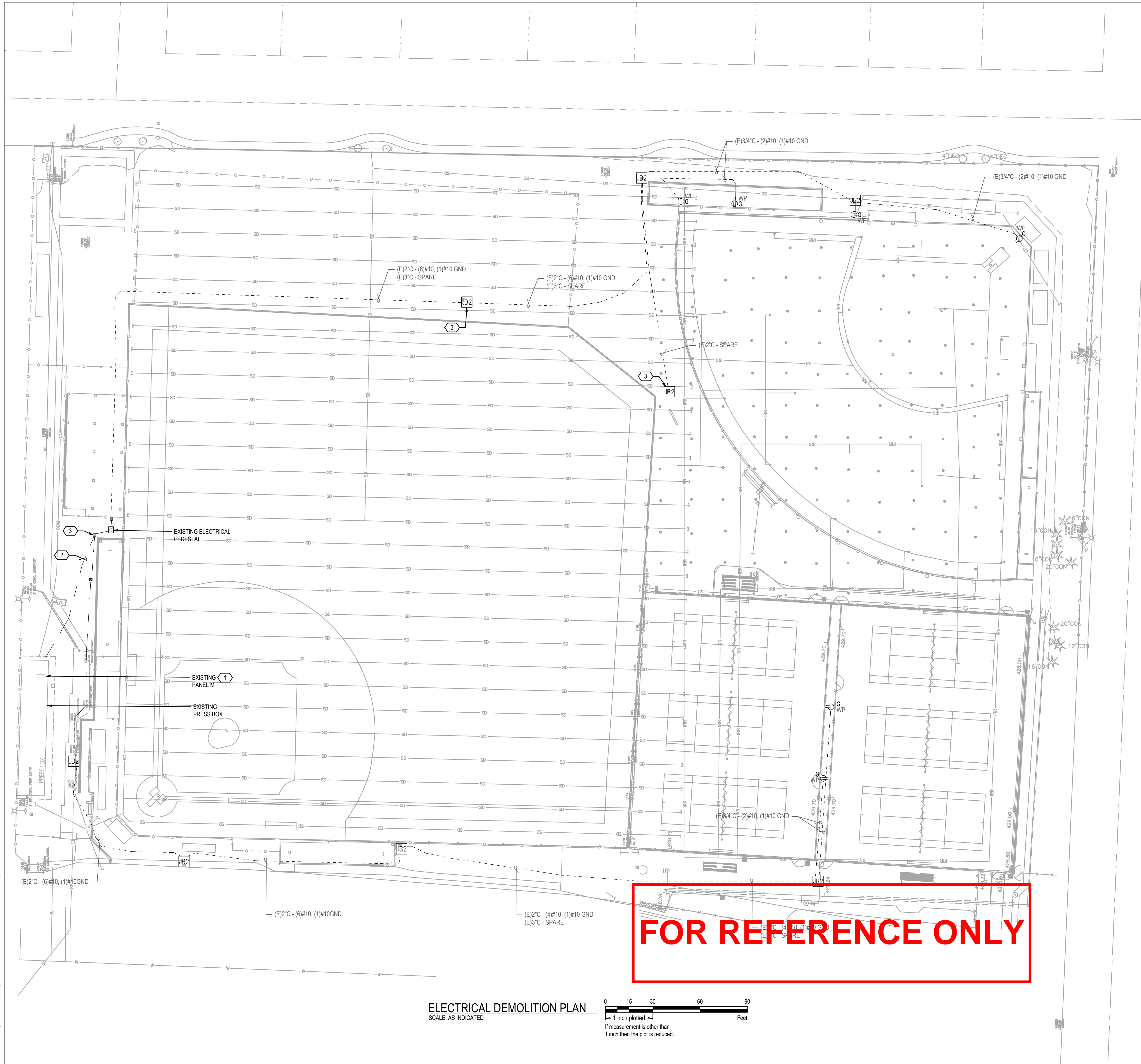


LAKE WASHINGTON HS BASEBALL AND SOFTBALL FIELD RENOVATION



PRICING SET	
DATE	5/8/2025
SCALE	As indicated
DRAWN	Author
CHECKED	Checker
COPYRIGHT © 2023 D.A. HOGAN & ASSOCIATES	

FENCING POSTS



- GENERAL NOTES:**
- JUNCTION BOX LOCATIONS AND CONDUIT ROUTING ARE SCHEMATIC. ALIGN JUNCTION BOXES WITH PAVEMENT EDGES. CONDUIT ROUTING SHALL AVOID TREES. SUBMIT CONDUIT AND JUNCTION BOX LAYOUT PLAN TO ENGINEER PRIOR TO INSTALLATION.
 - MAINTAIN AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE LOCATE PRIOR TO ANY EXCAVATION PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CALL "ONE-CALL" FOR UTILITY LOCATIONS.
 - ALL SPARE/EMPTY CONDUIT TO BE PROVIDED WITH NYLON PULL STRINGS.
 - ALL JUNCTION BOXES AND CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY LOCATION OF PROPERTY LINE, EASEMENTS, AND UTILITIES PRIOR TO PLACEMENT.
 - ALL CONDUIT LENGTHS ARE APPROXIMATE. REFER TO CIVIL FOR EXACT LENGTHS.
 - CAP ALL UNUSED CONDUITS WHERE CONDUITS ARE CAPPED. MARK LOCATION WITH AN ELECTRICAL MARKER.

- LEGEND:**
- EXISTING UNDERGROUND RACEWAY
 - JB2 EXISTING JUNCTION BOX TYPE II, CHRISTY #FL30 WITH FL30T COVER
 - JB3 EXISTING JUNCTION BOX TYPE III, CHRISTY #FL36 WITH FL36T COVER
 - WP EXISTING DUPLEX RECEPTACLE, 120 VOLT, 20A, GFI WITH WEATHERPROOF COVER

- KEY NOTES:**
- DEMO EXISTING 3P-30A CIRCUIT BREAKER.
 - MAINTAIN AND PROTECT EXISTING CONDUIT. DEMO EXISTING WIRE FROM PANEL M FEEDING EXISTING ELECTRICAL PEDESTAL.
 - DEMO EXISTING JUNCTION BOX. MAINTAIN AND PROTECT EXISTING CONDUIT AND CONDUCTORS.

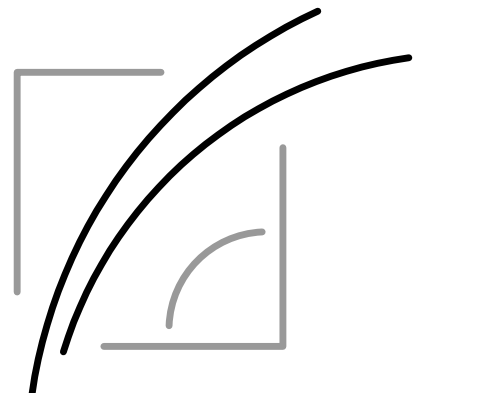
FOR REFERENCE ONLY

ELECTRICAL DEMOLITION PLAN
 SCALE: AS INDICATED

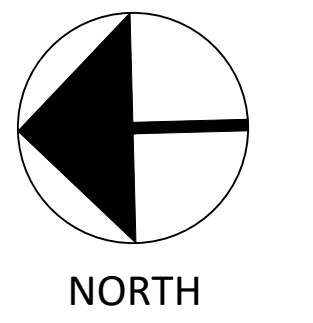
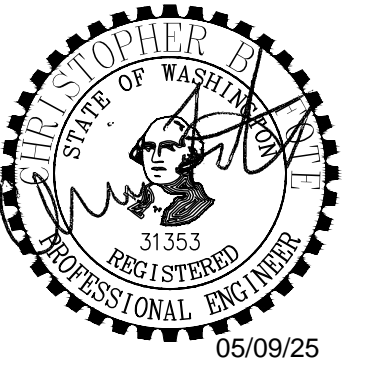
REVISION	DATE



LAKE WASHINGTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD RENOVATION



DA HOGAN
 1450 114th Ave. SE, Suite 225, Bellevue, WA 98004
 p. 206.285.0400
 www.dahogan.com



PRICING SET

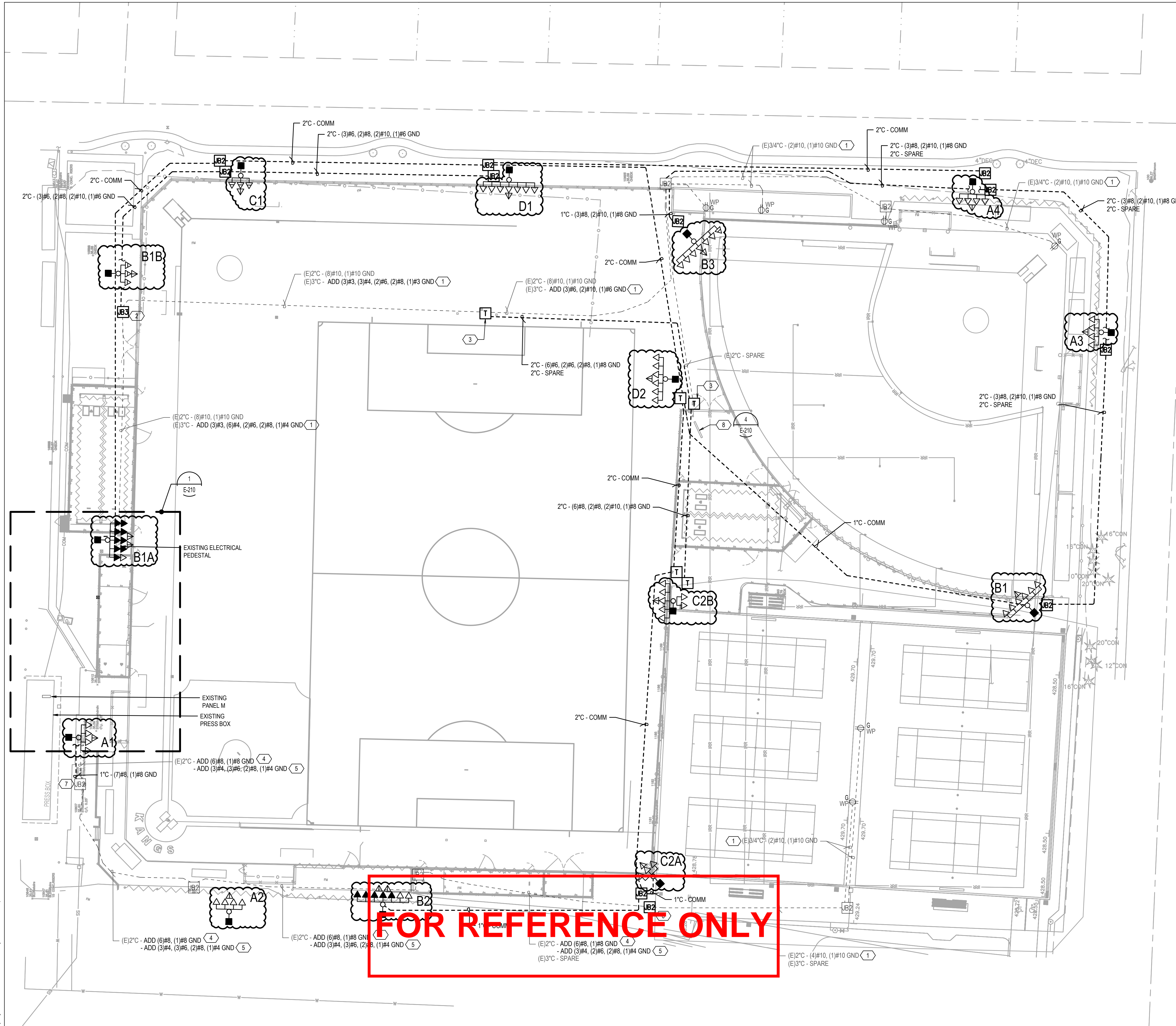
DATE	05-08-25
SCALE	AS NOTED
DRAWN	AAU
CHECKED	JW/CBF
COPYRIGHT	© 2024 D.A. HOGAN & ASSOCIATES

ELECTRICAL DEMOLITION PLAN

SHEET

E-011

U:\2024\2689D_WORKING_FILES\10_ELECTRICAL\01_CAD\01_SHEETS\0111 May 09, 2025 1:26 PM By:JMT/MER
 File: E011.dwg Plotted by: jmtimer Date: 09-May-25 1:26:06pm



- GENERAL NOTES:**
- JUNCTION BOX LOCATIONS AND CONDUIT ROUTING ARE SCHEMATIC. ALIGN JUNCTION BOXES WITH PAVEMENT EDGES. CONDUIT ROUTING SHALL AVOID TREES. SUBMIT CONDUIT AND JUNCTION BOX LAYOUT PLAN TO ENGINEER PRIOR TO INSTALLATION.
 - MAINTAIN AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE LOCATE PRIOR TO ANY EXCAVATION PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CALL "ONE-CALL" FOR UTILITY LOCATIONS.
 - ALL SPARE/EMPTY CONDUIT TO BE PROVIDED WITH NYLON PULL STRINGS.
 - ALL JUNCTION BOXES AND CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY LOCATION OF PROPERTY LINE, EASEMENTS, AND UTILITIES PRIOR TO PLACEMENT.
 - ALL CONDUIT LENGTHS ARE APPROXIMATE. REFER TO CIVIL FOR EXACT LENGTHS.
 - CAP ALL UNUSED CONDUITS WHERE CONDUITS ARE CAPPED. MARK LOCATION WITH AN ELECTRICAL MARKER.

- LEGEND:**
- EXISTING UNDERGROUND RACEWAY
 - - - UNDERGROUND RACEWAY
 - JB2 EXISTING JUNCTION BOX TYPE II, CHRISTY #FL30 WITH FL30T COVER
 - JB3 EXISTING JUNCTION BOX TYPE III, CHRISTY #FL36 WITH FL36T COVER
 - JB2 TYPE 2 JUNCTION BOX, WSDOT WITH SLIP-NOT BOLT DOWN LID
 - JB3 TYPE 3 JUNCTION BOX, FOGTITE TYPE III SEATTLE
 - T JUNCTION BOX WITH SYNTHETIC TURF COVER, SPORTS FIELD SPECIALTIES #CBIT1830
 - WP EXISTING DUPLEX RECEPTACLE, 120 VOLT, 20A, GFI WITH WEATHERPROOF COVER
 - GALVANIZED STEEL FLOODLIGHT POLE
 - △ SHIELDED LED FLOODLIGHT, 550 WATT, 4500K, 480 VOLT
 - △ SHIELDED LED FLOODLIGHT, 900 WATT, 4500K, 480 VOLT
 - △ SHIELDED LED FLOODLIGHT, 1200 WATT, 4500K, 480 VOLT
 - △ SHIELDED LED BALL TRACKING LIGHT, 575 WATT, 4500K, 480 VOLT
 - AREA LUMINAIRE, 104 WATT LED, 4000K, 480 VOLT

- KEY NOTES:**
- PROVIDE LOCATE OF EXISTING CONDUIT AND CONDUCTORS. MAINTAIN AND PROTECT.
 - INTERCEPT EXISTING CONDUIT AND CONDUCTORS AND TURN UP INTO NEW TYPE 3 JUNCTION BOX.
 - PROVIDE NEW TURF COVERED JUNCTION BOX.
 - REPLACE REMOVED CONDUCTORS WITH (6)#8 AND (1)#8 GROUND IN EXISTING CONDUIT.
 - ADD NEW CONDUCTORS IN EXISTING CONDUIT.
 - INTERCEPT EXISTING CONDUIT AND PROVIDE NEW JUNCTION BOX.
 - CONTRACTOR TO LOCATE EXISTING JUNCTION BOX. REMOVE EXISTING CONCRETE PANELS AND REPLACE AS NECESSARY.
 - DEMO EXISTING SCOREBOARD POSTS AND FOUNDATIONS. PROVIDE NEW BASEBALL FIELD AND SOFTBALL FIELD SCOREBOARDS. EXTEND EXISTING SCOREBOARD CIRCUIT TO NEW SCOREBOARDS AND CONNECT.

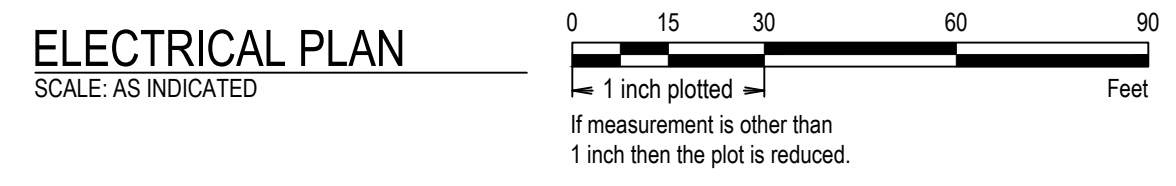
POLE AND FLOOD LIGHT SCHEDULE

POLE	HEIGHT	FLOODLIGHTS	BT LIGHTS	AREA LIGHTS
A1	70'-0"	4	1	1
A2	70'-0"	4	1	1
A3	60'-0"	4	1	1
A4	60'-0"	4	1	1
B1	70'-0"	6	1	1
B1A	80'-0"	10	2	1
B1B	70'-0"	3	1	1
B2	80'-0"	7	2	1
B3	70'-0"	7	1	1
C1	70'-0"	3	1	1
C2A	70'-0"	3	1	1
C2B	70'-0"	7	1	1
D1	70'-0"	7	1	1
D2	70'-0"	6	1	1
TOTAL		75	16	14

ADDITIVE BID ALTERNATE NO. 2
 PROVIDE LED FLOODLIGHTS, BRACKETS, POLES, POLE FOUNDATIONS, DRIVER ENCLOSURES, LIGHTING CONTROLLER COMPLETE AND READY FOR USE. INCLUDE CONDUCTORS FOR THE FLOODLIGHTS, AREA LIGHTS, AND BALL TRACKING LIGHTS BACK TO ELECTRICAL PEDESTAL AS PART OF BID ALTERNATE.

ALL CONDUIT AND JUNCTION BOXES ARE PART OF BASE BID. EXTEND BASE BID CONDUIT TO EACH POLE LOCATION.

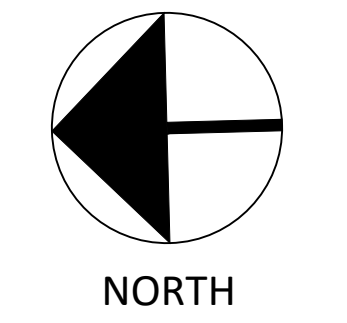
FOR REFERENCE ONLY



REVISION	DATE



LAKE WASHINGTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD RENOVATION



PRICING SET

DATE	05-08-25
SCALE	AS NOTED
DRAWN	AAU
CHECKED	JW/CBF
COPYRIGHT	© 2024 D.A. HOGAN & ASSOCIATES

ELECTRICAL PLAN

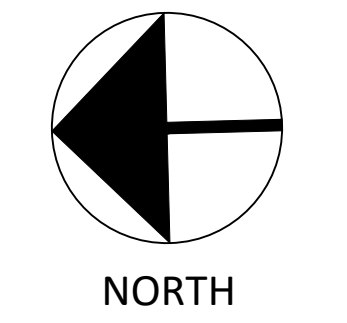
SHEET

E-111

REVISION	DATE



LAKE WASHINGTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD RENOVATION



PRICING SET

DATE	05-08-25
SCALE	AS NOTED
DRAWN	AAU
CHECKED	JW/CBF
COPYRIGHT	© 2024 D.A. HOGAN & ASSOCIATES

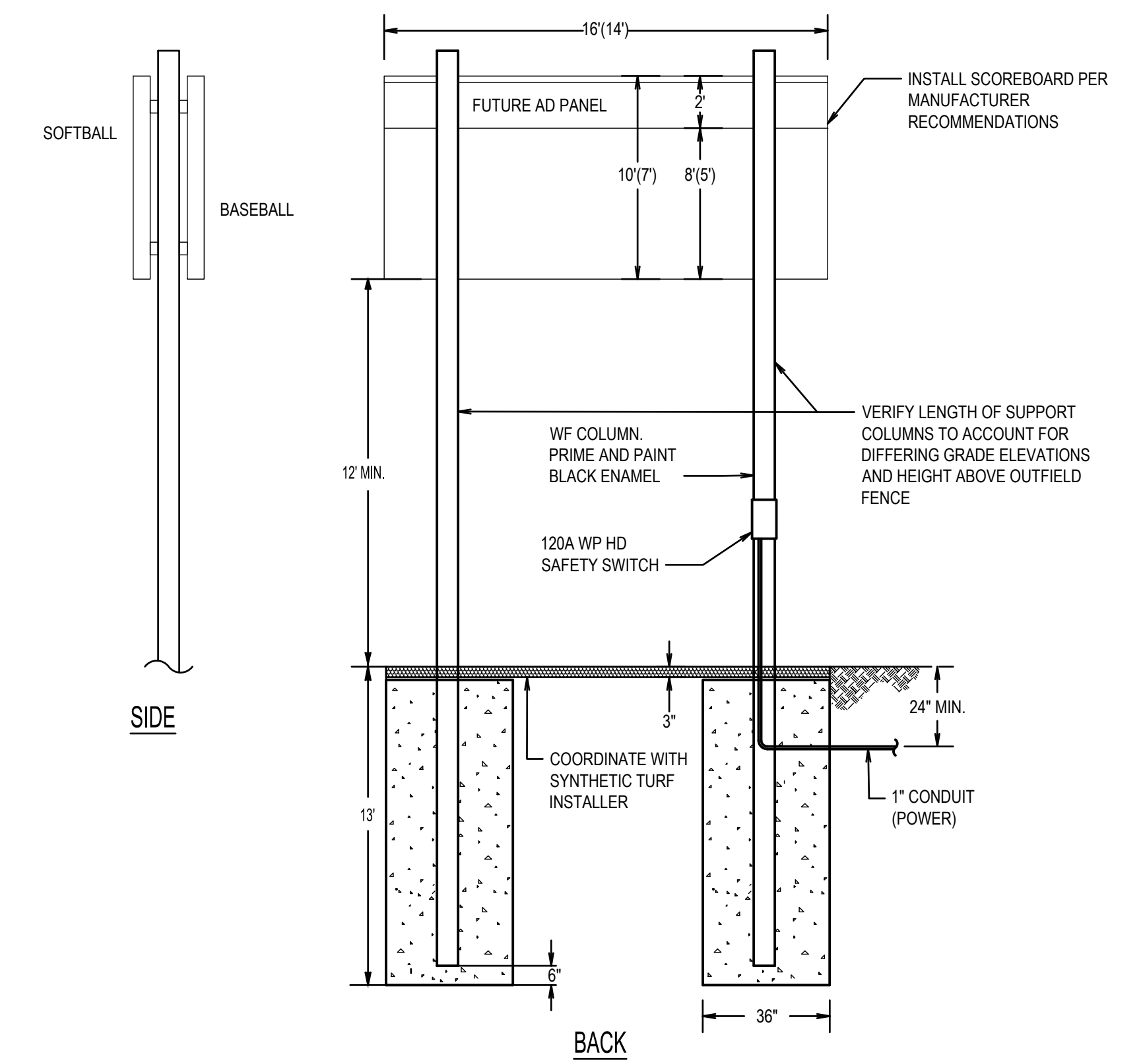
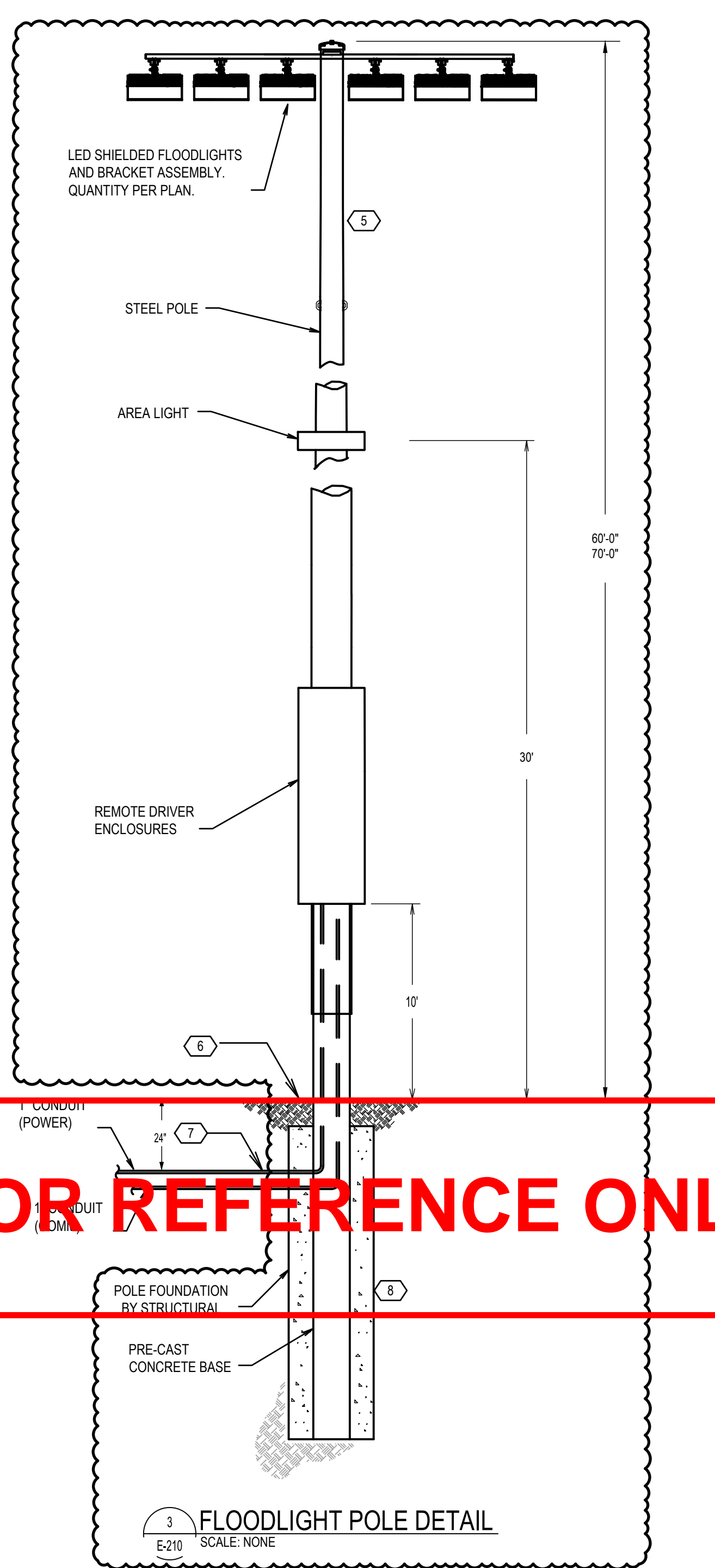
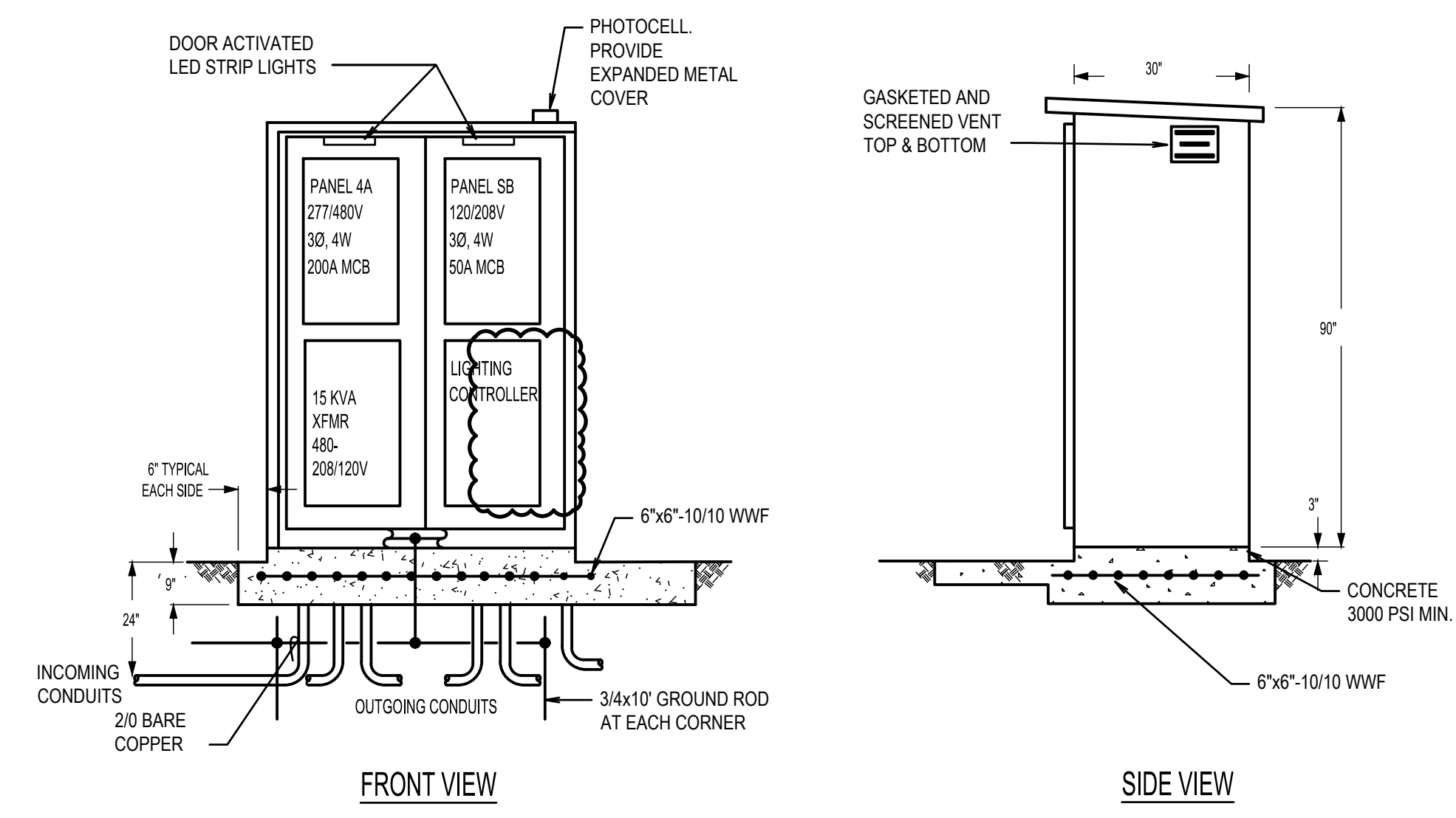
DETAILS

SHEET

E-210

- KEY NOTES:**
- IDENTIFY AND MAINTAIN EXISTING CIRCUITS. PROVIDE NEW ELECTRICAL PEDESTAL. RECONNECT EXISTING CIRCUITS.
 - PROVIDE NEW TYPE 3 JUNCTION BOX.
 - DEMO EXISTING PANEL. PROTECT AND MAINTAIN EXISTING CIRCUITS. PROVIDE NEW PANEL WITH 200A SUB-FEED BREAKER FOR NEW BASEBALL FIELD ELECTRICAL PEDESTAL. PROVIDE NEW CIRCUIT BREAKERS AND CONNECT EXISTING CIRCUITS. EXISTING 2-1/2" CONDUIT. DEMO EXISTING CONDUITS AND PROVIDE (3)#40, (1)#4 GROUND. CONNECT NEW ELECTRICAL PEDESTAL.
 - INTERCEPT EXISTING CONDUIT AND CIRCUITS. EXTEND INTO NEW JUNCTION BOX.
 - SUPPLIER OF GALVANIZED STEEL POLE TO PROVIDE STRUCTURAL CALCULATIONS FROM A LICENSED STRUCTURAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON. CALCULATION TO INCLUDE WIND AND SEISMIC LOADS PER IBC 2012.
 - MATCH EXISTING GRADE.
 - PROVIDE CONDUITS THROUGH ACCESS HOLE AND TURN UP INSIDE FLOODLIGHT POLE. EXTEND CONDUIT TO ADJACENT JUNCTION BOX. (POWER AND COMM).
 - REFER TO STRUCTURAL DRAWINGS.
 - REPLACE REMOVED CONDUCTORS WITH (6)#8 AND (1)#8 GROUND IN EXISTING CONDUIT.
 - ADD NEW CONDUCTORS IN EXISTING CONDUIT.
 - REMOVE EXISTING CONDUCTORS. ABANDON CONDUIT IN PLACE.

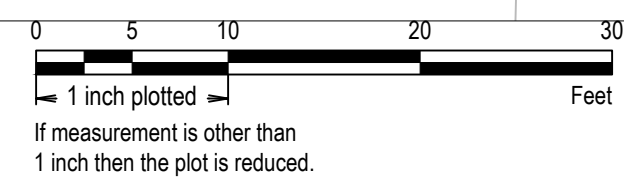
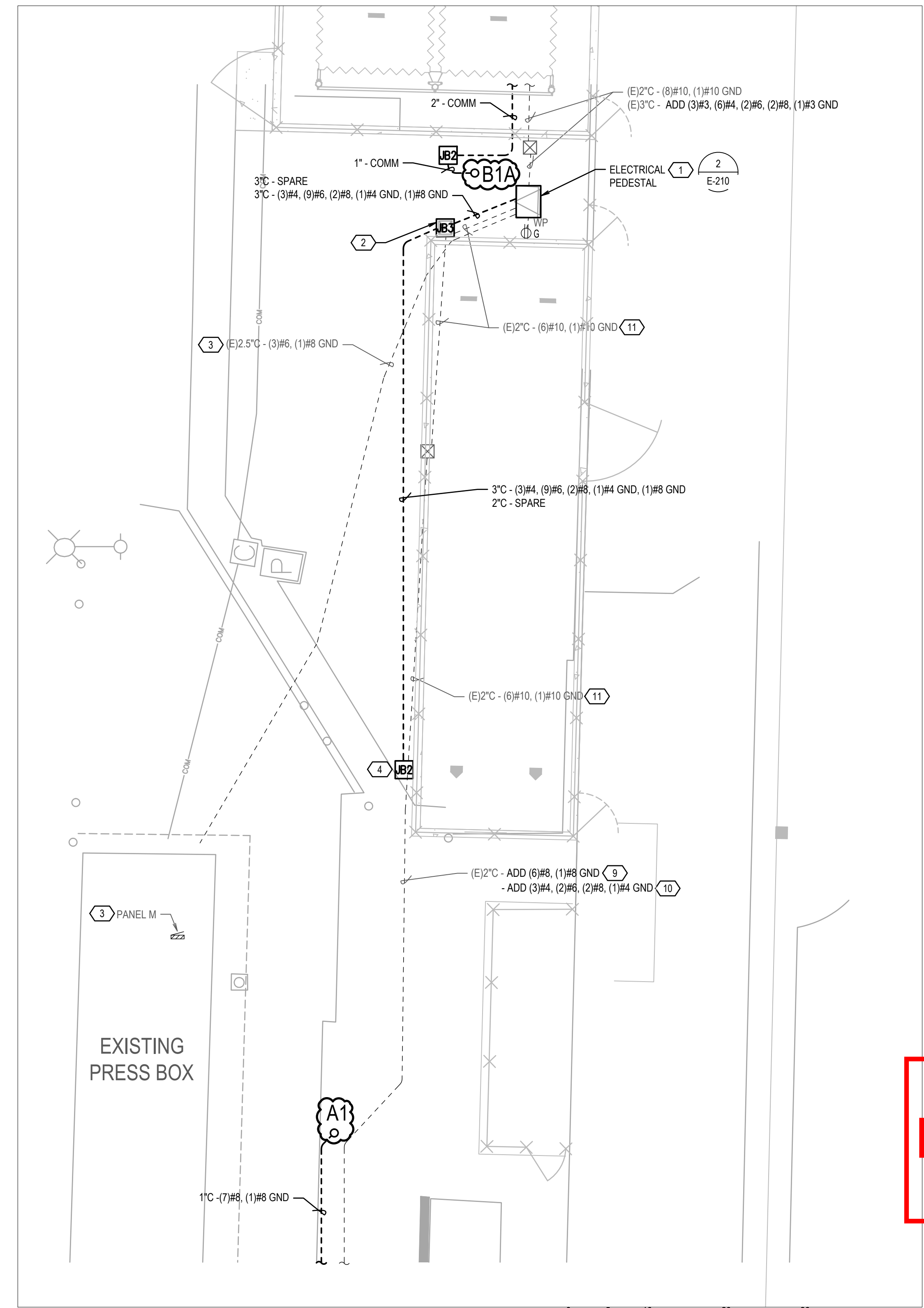
- LEGEND:**
- EXISTING UNDERGROUND RACEWAY
 - UNDERGROUND RACEWAY
 - JB2** TYPE 2 JUNCTION BOX, WSDOT WITH SLIP-NOT BOLT DOWN LID
 - JB3** TYPE 3 JUNCTION BOX, FOGTITE TYPE III SEATTLE



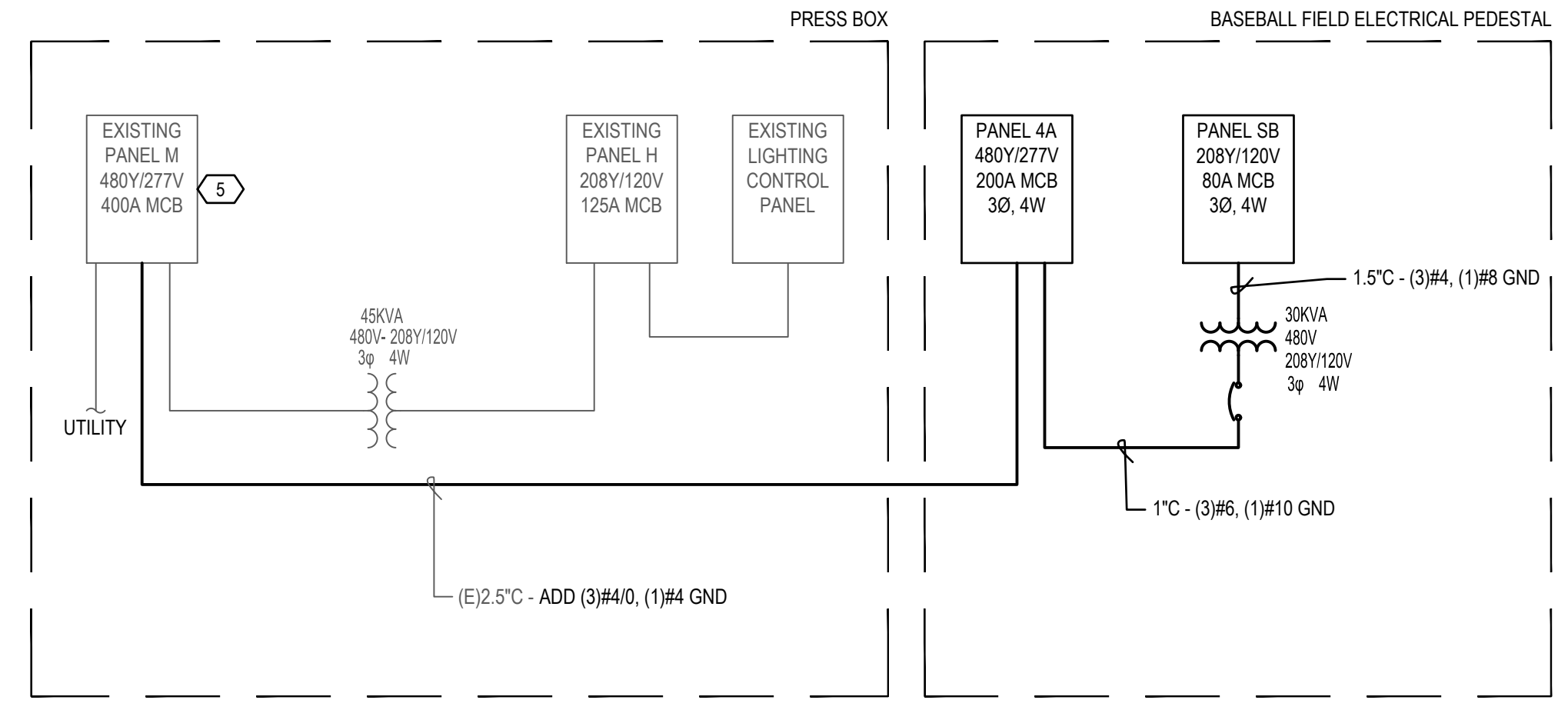
FOR REFERENCE ONLY

ADDITIVE BID ALTERNATE NO. 2
PROVIDE LED FLOODLIGHTS, BRACKETS, POLES, POLE FOUNDATIONS, DRIVER ENCLOSURES, LIGHTING CONTROLLER COMPLETE AND READY FOR USE. INCLUDE CONDUCTORS FOR THE FLOODLIGHTS, AREA LIGHTS, AND BALL TRACKING LIGHTS BACK TO ELECTRICAL PEDESTAL AS PART OF BID ALTERNATE.

ALL CONDUIT AND JUNCTION BOXES ARE PART OF BASE BID. EXTEND BASE BID CONDUIT TO EACH POLE LOCATION.



U:\2024\2689D_WORKING_FILES\10_ELECTRICAL\10_MAY_09_2025_126_PM_BY_JWT\MWIER File: E210.dwg Plotted by: jwittmer Date: 09-May-25 12:26:53pm



1 ONE-LINE DIAGRAM
E-211 SCALE: NONE

Stantec Panel												
Name EXIST M 277/480V 3 PH 4W 400A Main CB Type: Panelboard												
Location Press Box Surface Mounted												
Serves: Football Stadium												
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1#	Lighting Football Field	10.80	50/3	CB	X			50/3	CB	10.80	Lighting Football Field	2#
3#	Football Field	10.80				X				10.80	Football Field	4#
5#	Football Field	10.80					X			10.80	Football Field	6#
7#	Space	0.00	0/1		X			50/3	CB	10.80	Lighting Football Field	8#
9#	Space	0.00	0/1		X					0.00	Football Field	10#
11#	Space	0.00	0/1		X					0.00	Football Field	12#
13#	Spare	0.00	50/3	CB	X			50/3	CB	0.00	Spare	14#
15#		0.00				X				0.00		16#
17#		0.00				X				0.00		18#
19#	Lighting Football Field	10.80	50/3	CB	X			30/3		2.50	Panel EXIST SB	20#
21#	Football Field	10.80				X				1.90	EXIST SB	22#
23#	Football Field	10.80					X			1.00	EXIST SB	24#
25#	Equip Portables	6.00	50/3	CB	X			50/3	CB	8.07	Equip Panel H	26#
27#	Portables	6.00				X				8.07	Panel H	28#
29#	Portables	6.00					X			8.07	Panel H	30#
31#	Lighting Flagpole	0.20	20/1		X			50/3	CB	0.00	Spare	32#
33#	Spare	0.00	20/1	CB	X					0.00		34#
35#	Spare	0.00	20/1	CB	X					0.00		36#
37#	Lighting Security	0.80	30/3		X			100/3	CB	14.07	Equip XFMR Panel P	38#
39#	Security	0.80				X				14.07	XFMR Panel P	40#
41#	Security	0.80				X				14.07	XFMR Panel P	42#

Stantec Panel												
Name EXIST SB 120/208V 3 PH 4W 50A Main CB Type: Panelboard												
Location EXISTING PEDESTAL Surface Mounted												
Serves:												
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1#	Recept BB Batting cage	0.50	20/1	CB	X			20/1	CB	1.00	Equip Future Scoreboard	2#
3#	Recept BB Batting cage	0.50	20/1	CB	X			20/1	CB	1.00	Equip Future Scoreboard	4#
5#	Recept SB Batting cage	0.50	20/1	CB	X			20/1	CB	0.00	Spare	6#
7#	Recept SB Batting cage	0.50	20/1	CB	X			20/1	CB	0.00	Spare	8#
9#	Recept SB Backstop	0.20	20/1	CB	X			20/1	CB	0.00	Spare	10#
11#	Recept Tennis	0.50	20/1	CB	X			20/1	CB	0.00	Spare	12#
13#	Recept Tennis	0.50	20/1	CB	X			0/1		0.00	Space	14
15#	Recept Pedestal	0.20	20/1	CB	X			0/1		0.00	Space	16
17	Space	0.00	0/1		X			0/1		0.00	Space	18
19	Space	0.00	0/1		X			0/1		0.00	Space	20
21	Space	0.00	0/1		X			0/1		0.00	Space	22
23	Space	0.00	0/1		X			0/1		0.00	Space	24

2 EXISTING PANEL SCHEDULES
E-211 SCALE: AS INDICATED

Stantec Panel												
Name REVISED M 277/480V 3 PH 4W 400A Main CB Type: Panelboard												
Location Press Box Surface Mounted												
Serves: Football Stadium												
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1#	Lighting Football Field	5.40	50/3	CB	X			50/3	CB	5.40	Lighting Football Field	2#
3#	Football Field	5.40				X				5.40	Football Field	4#
5#	Football Field	5.40					X			5.40	Football Field	6#
7#	Space	0.00	0/1		X			50/3	CB	5.40	Lighting Football Field	8#
9#	Space	0.00	0/1		X					5.40	Football Field	10#
11#	Space	0.00	0/1		X					5.40	Football Field	12#
13#	Spare	0.00	50/3	CB	X			50/3	CB	0.00	Spare	14#
15#		0.00				X				0.00		16#
17#		0.00				X				0.00		18#
19#	Lighting Football Field	5.40	50/3	CB	X			200/3	CB	27.72	Panel 4A	20*
21#	Football Field	5.40				X				27.12	4A	22*
23#	Football Field	5.40				X				25.47	4A	24*
25#	Equip Portables	6.00	50/3	CB	X			50/3	CB	8.07	Equip Panel H	26#
27#	Portables	6.00				X				8.07	Panel H	28#
29#	Portables	6.00					X			8.07	Panel H	30#
31#	Lighting Flagpole	0.20	20/1		X			50/3	CB	0.00	Spare	32#
33#	Spare	0.00	20/1	CB	X					0.00		34#
35#	Spare	0.00	20/1	CB	X					0.00		36#
37#	Lighting Security	0.80	30/3		X			100/3	CB	14.07	Equip XFMR Panel P	38#
39#	Security	0.80				X				14.07	XFMR Panel P	40#
41#	Security	0.80				X				14.07	XFMR Panel P	42#

Stantec Panel												
Name 4A 277/480V 3 PH 4W 200A Main CB Type: Panelboard												
Location PEDESTAL Surface Mounted												
Serves:												
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1	Lighting SB FIELD - A3,A4,B1,B3	6.78	50/3	CB	X			20/2	CB	0.75	Lighting AREA LIGHTS	2
3	SB FIELD - A3,A4,B3,B4,C3	6.78				X				0.75	AREA LIGHTS	4
5	SB FIELD - A3,A4,B3,B4,C3	6.78					X			0.00	Space	6
7	Lighting BB R. FIELD - A1,A2,B2,C2A	5.90	40/3	CB	X			0/1		0.00	Space	8
9	BB R. FIELD - A1,A2,B2,C2A	5.90				X		0/1		0.00	Space	10
11	BB R. FIELD - A1,A2,B2,C2A	5.90					X			0.00	Space	12
13	Lighting BB L. FIELD - B1A,B1B,C1,D1	6.18	40/3	CB	X			0/1		0.00	Space	14
15	BB L. FIELD - B1A,B1B,C1,D1	6.18				X		0/1		0.00	Space	16
17	BB L. FIELD - B1A,B1B,C1,D1	6.18					X			0.00	Space	18
19	Lighting BB CTR FIELD - C2B,D2	3.30	30/3	CB	X			0/1		0.00	Space	20
21	BB CTR FIELD - C2B,D2	3.30				X		0/1		0.00	Space	22
23	BB CTR FIELD - C2B,D2	3.30					X			0.00	Space	24
25	Lighting BB BALL TRK LTS	2.30	30/3	CB	X			30/3		2.50	Panel NEW SB	26
27	BB BALL TRK LTS	2.30				X				1.90	NEW SB	28
29	BB BALL TRK LTS	2.30					X			1.00	NEW SB	30

FOR REFERENCE ONLY

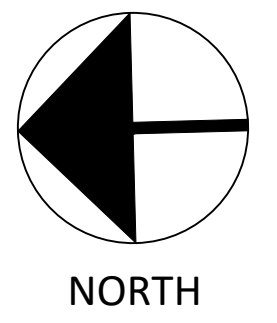
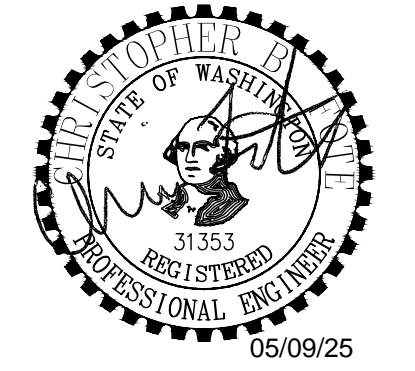
NEW PANEL SCHEDULES
E-211 SCALE: AS INDICATED

- KEY NOTES:
- DEMO EXISTING 3P-30A CIRCUIT BREAKER AND REPLACE WITH NEW 3P-200A CIRCUIT BREAKER.
 - DEMO EXISTING PANEL. MAINTAIN AND PROTECT EXISTING CIRCUITS.
 - CONNECT EXISTING CIRCUITS TO NEW PANEL SB LOCATED AT NEW ELECTRICAL PEDESTAL.
 - PREVIOUS FOUR YEARS OF PEAK METER DEMAND REVIEWED. PEAK METER DEMAND RECORDED OCTOBER 2021.
 - DEMO EXISTING PANEL. PROTECT AND MAINTAIN EXISTING CIRCUITS. PROVIDE NEW PANEL WITH 200A SUB-FEED BREAKER FOR NEW BASEBALL FIELD ELECTRICAL PEDESTAL. PROVIDE NEW CIRCUIT BREAKERS AND CONNECT EXISTING CIRCUITS. EXISTING 2-1/2" CONDUIT. DEMO EXISTING CONDUCTORS AND PROVIDE (3)#40, (1)#4 GROUND. CONNECT NEW ELECTRICAL PEDESTAL.

Stantec Panel												
Name NEW SB 120/208V 3 PH 4W 80A Main CB Type: Panelboard												
Location NEW PEDESTAL Surface Mounted												
Serves:												
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1#	Recept BB Batting cage	0.50	20/1	CB	X			20/1	CB	1.00	Equip Scoreboard	2#
3#	Recept BB Batting cage	0.50	20/1	CB	X			20/1	CB	1.00	Equip Scoreboard	4#
5#	Recept SB Batting cage	0.50	20/1	CB	X			20/1	CB	0.00	Spare	6#
7#	Recept SB Batting cage	0.50	20/1	CB	X			20/1	CB	0.00	Spare	8#
9#	Recept SB Backstop	0.20	20/1	CB	X			20/1	CB	0.00	Spare	10#
11#	Recept Tennis	0.50	20/1	CB	X			20/1	CB	0.00	Spare	12#
13#	Recept Tennis	0.50	20/1	CB	X			0/1		0.00	Space	14#
15#	Recept Pedestal	0.20	20/1	CB	X			0/1		0.00	Space	16#
17	Space	0.00	0/1		X			0/1		0.00	Space	18
19	Space	0.00	0/1		X			0/1		0.00	Space	20
21	Space	0.00	0/1		X			0/1		0.00	Space	22
23	Space	0.00	0/1		X			0/1		0.00	Space	24



LAKE WASHINGTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD RENOVATION



PRICING SET

DATE	05-08-25
SCALE	AS NOTED
DRAWN	AAU
CHECKED	JW/CBF

ELECTRICAL ONE-LINE & PANEL SCHEDULES SHEET E-211

U:\204822868D_WORKING_FILES\10_ELECTRICAL\CADD\1_SHEETS\E-211 May 09, 2025 12:26 PM By:JMT/MWJ
File: E-211.dwg Plotted by: jmtimer Date: 09-May-25 12:26:55pm