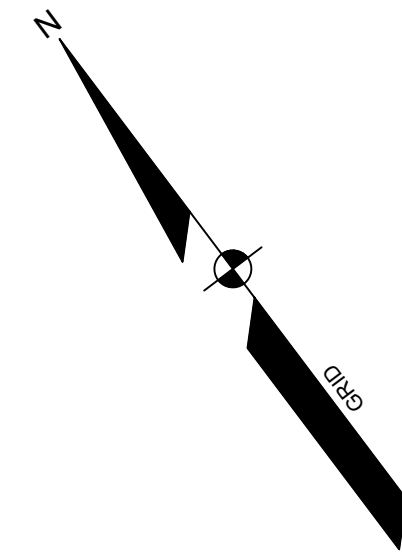


TENNIS COURTS AT SHERI GAGNON MEMORIAL PARK

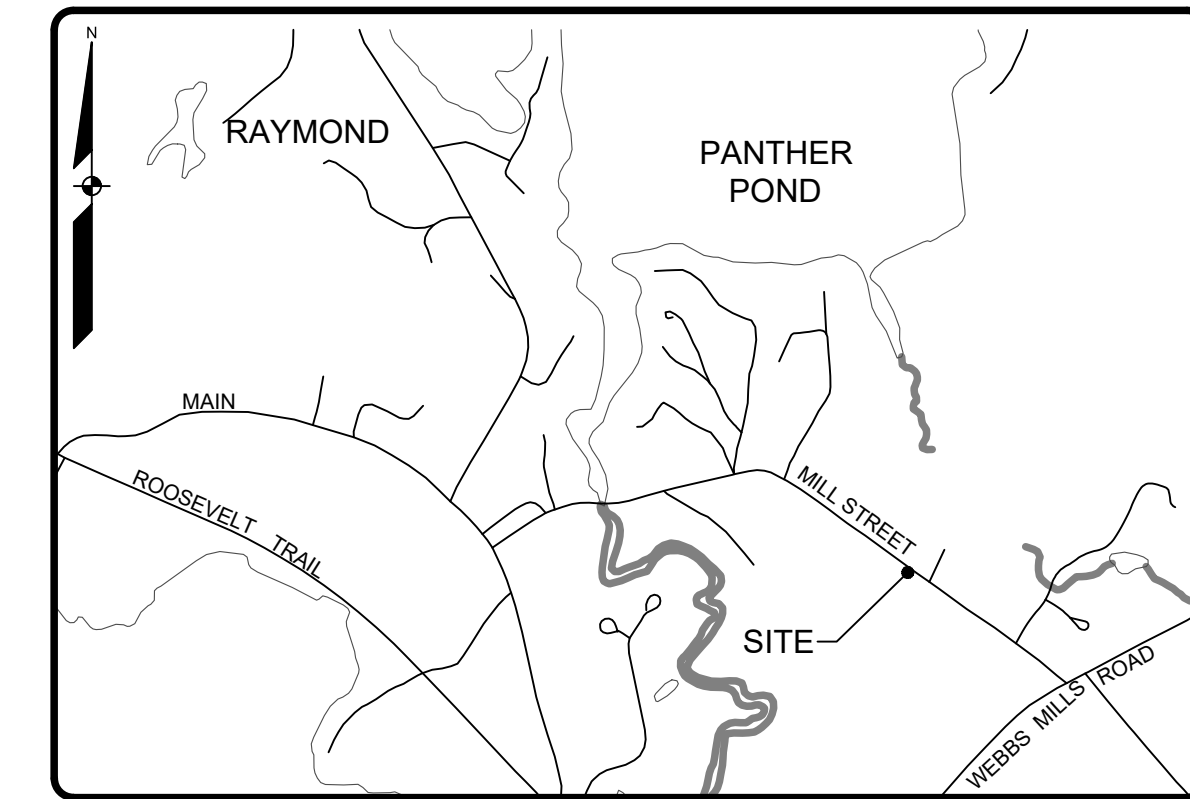
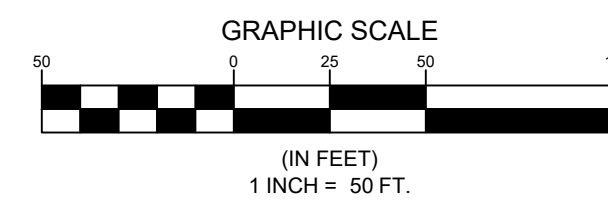
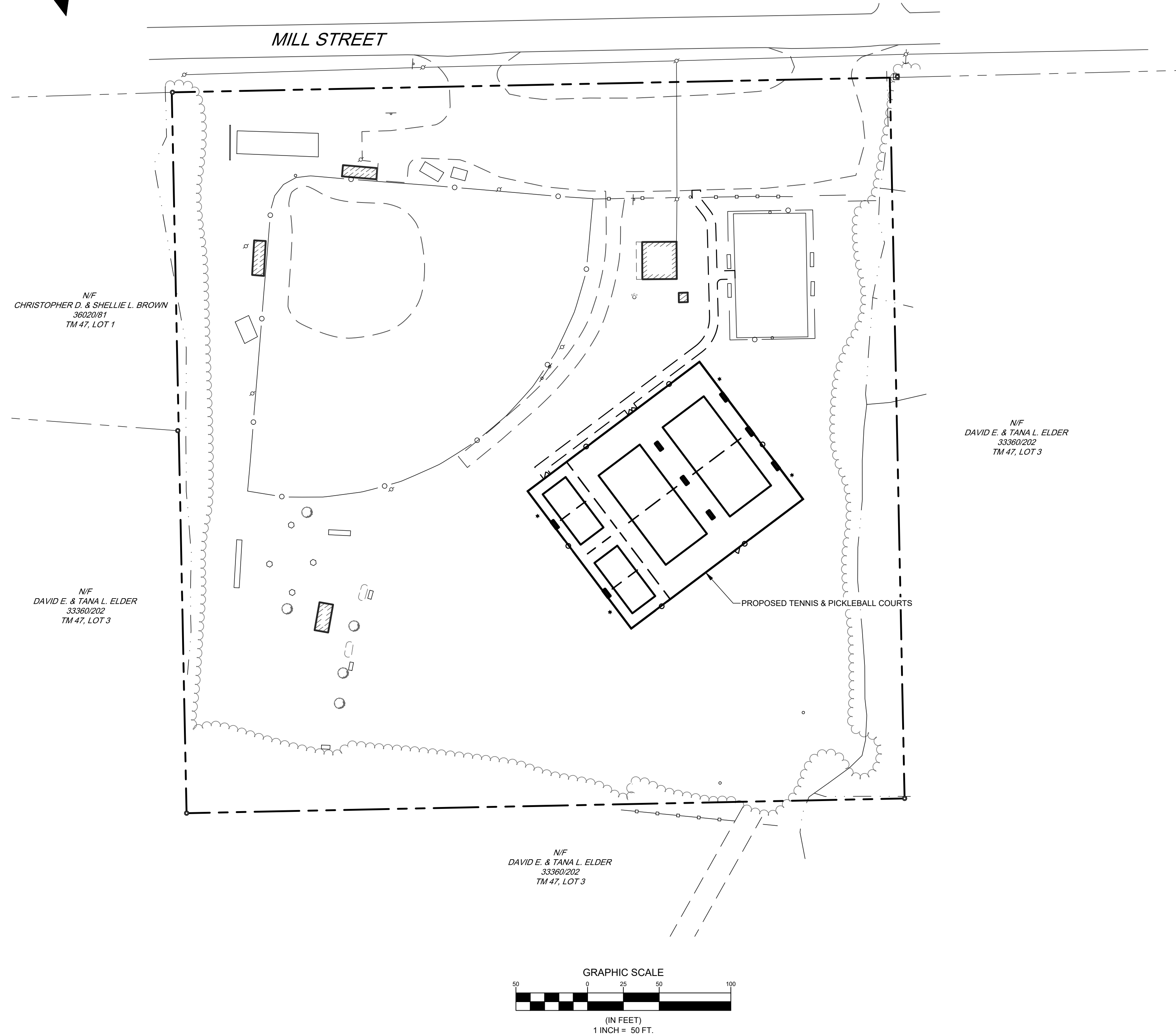
63 MILL STREET
RAYMOND, ME 04071



APPLICANT:
TOWN OF RAYMOND
401 WEBBS MILLS ROAD
RAYMOND, ME 04071

**ENGINEER/SURVEYOR/
LANDSCAPE ARCHITECT:**

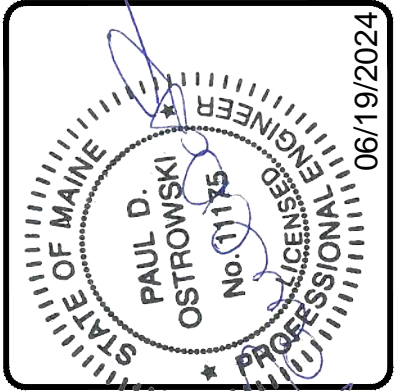
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Tel. 207-200-2100



SHEET INDEX

SHEET	TITLE
1	COVER SHEET
2	NOTES AND LEGEND
3	EXISTING CONDITIONS & DEMO PLAN
4	OVERALL SITE PLAN
5	DETAILED SITE PLAN
6	GRADING AND UTILITY PLAN
7	PLAN AND PROFILE
8	DETAILED GRADING AND UTILITY PLAN
9	EROSION CONTROL NOTES
10	DETAILS 1
11	DETAILS 2

ISSUED FOR PERMITTING



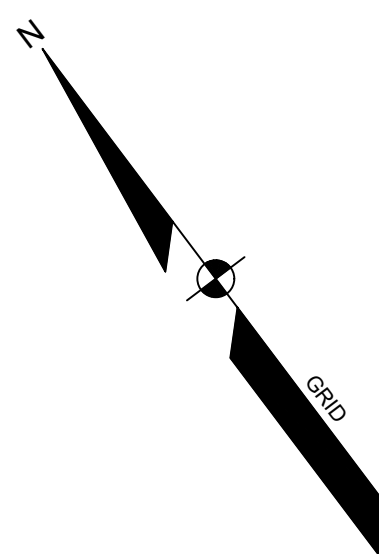
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B	OAM	03/14/2024	SUBMITTED FOR TOWN REVIEW
A	OAM	03/11/2024	ISSUED FOR CLIENT REVIEW

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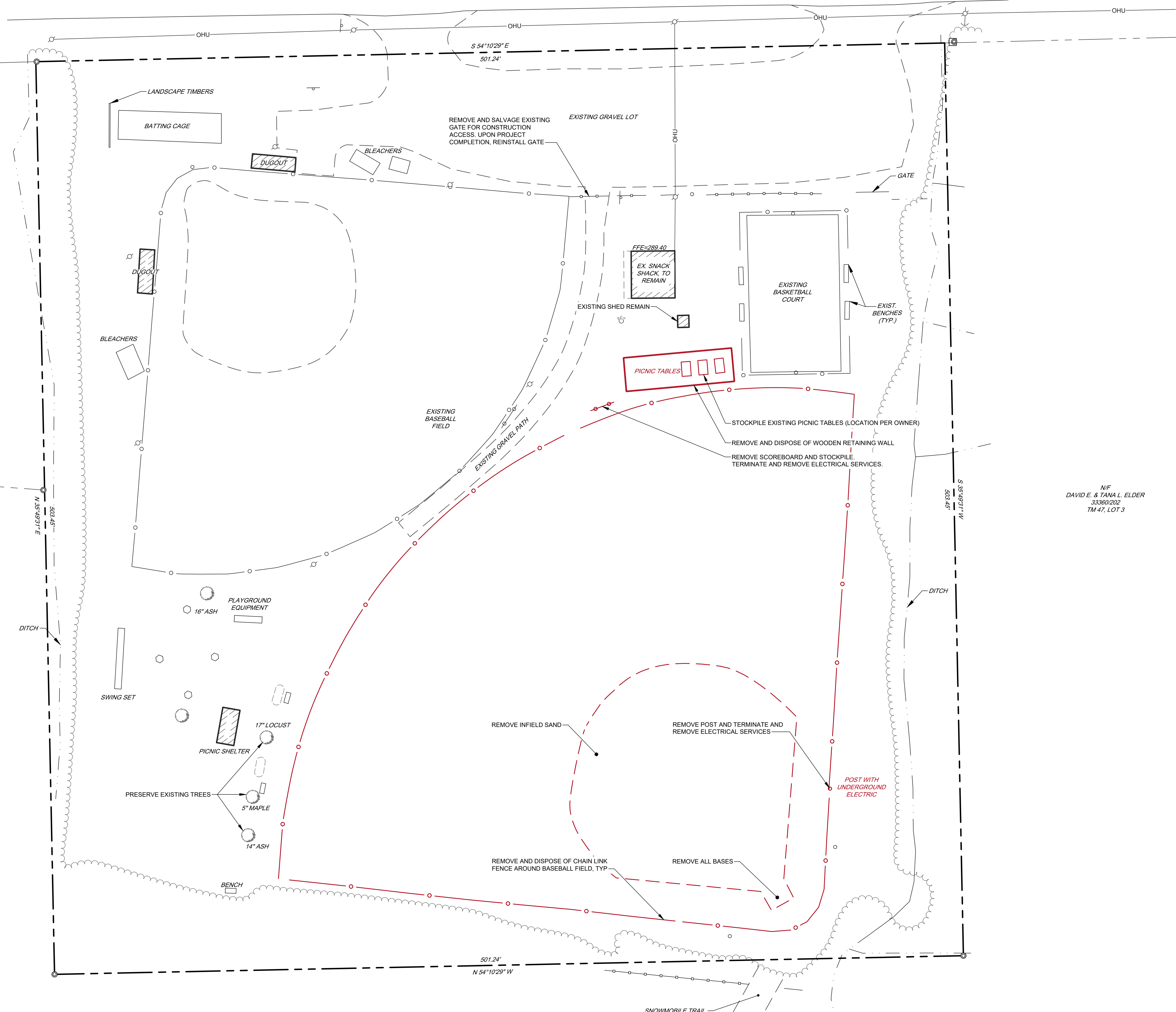
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Suite 4A
South Portland, ME 04106
Tel. 207-200-2100

COVER SHEET
OF:
TENNIS COURTS AT SHERI GAGNON MEMORIAL PARK
63 MILL STREET
RAYMOND, ME 04071
FOR:
TOWN OF RAYMOND
401 WEBBS MILLS ROAD
RAYMOND, ME 04071

DESIGNED	JSH / MRB
DRAWN	RGL
CHECKED	OAM
DATE	11-13-2023
SCALE	1" = 50'
PROJECT	05424-01



MILL STREET

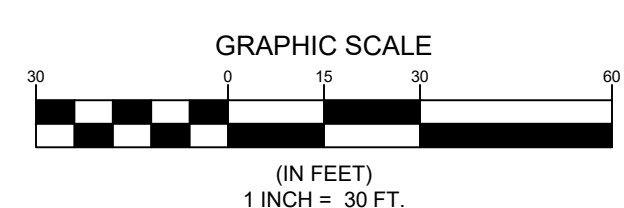


N/F
CHRISTOPHER D. & SHELLIE L. BROWN
3602081
TM 47, LOT 1

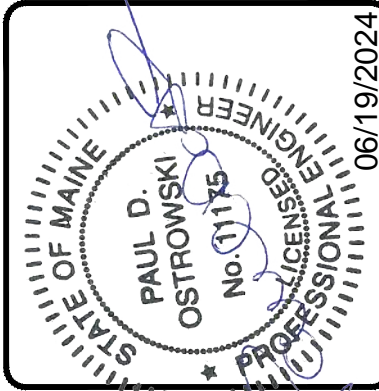
N/F
DAVID E. & TANA L. ELDER
33360202
TM 47, LOT 3

N/F
DAVID E. & TANA L. ELDER
33360202
TM 47, LOT 3

N/F
DAVID E. & TANA L. ELDER
33360202
TM 47, LOT 3



ISSUED FOR PERMITTING



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DATE		REVISION	

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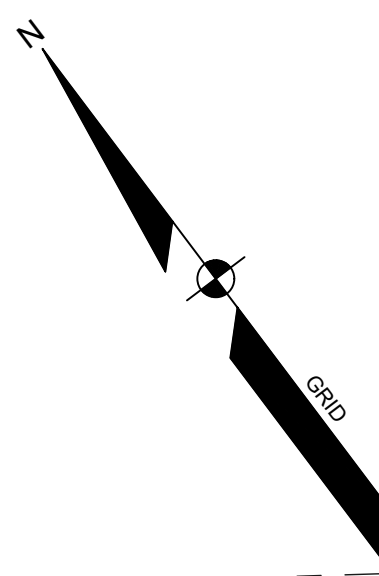
75 John Roberts Rd.
Sullivan, ME 04106
South Portland, ME 04106
Tel: 207-260-2100

EXISTING CONDITIONS & DEMO PLAN
OF:
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RAYMOND, ME 04071
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CHECKED	OAM
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SCALE	1" = 30'
PROJECT	05424-01

SHEET 3 OF 11

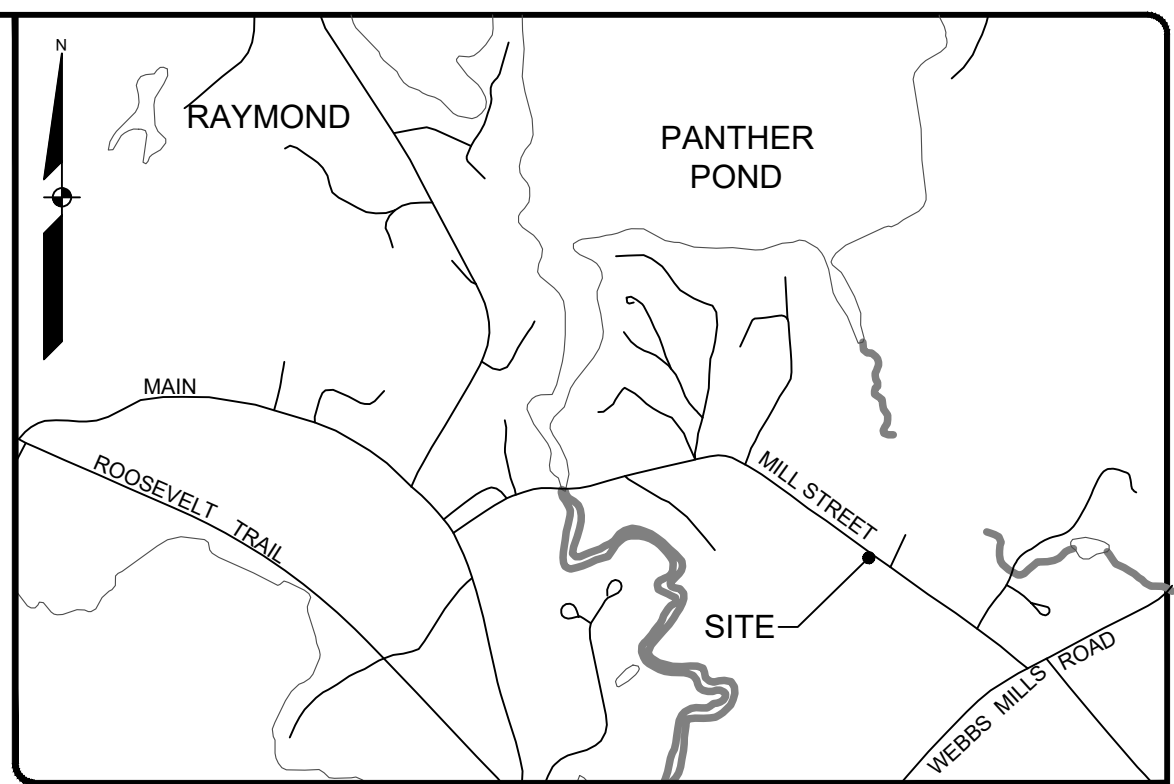
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MILL STREET

STABILIZED CONSTRUCTION ACCESS.
UPON COMPLETION OF PROJECT,
CONTRACTOR SHALL REMOVE STABILIZED
CONSTRUCTION ACCESS MATERIAL AND
PLACE GRADE AND COMPACT 2" OF
RECLAIM GRAVEL OVER EXISTING LOT.

STABILIZED CONSTRUCTION ACCESS.
UPON COMPLETION OF PROJECT,
CONTRACTOR SHALL REMOVE STABILIZED
CONSTRUCTION ACCESS MATERIAL AND
PLACE GRADE AND COMPACT 2" OF
RECLAIM GRAVEL OVER EXISTING LOT.



LOCATION MAP N.T.S.

GENERAL NOTES:

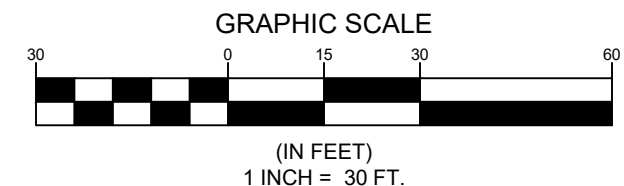
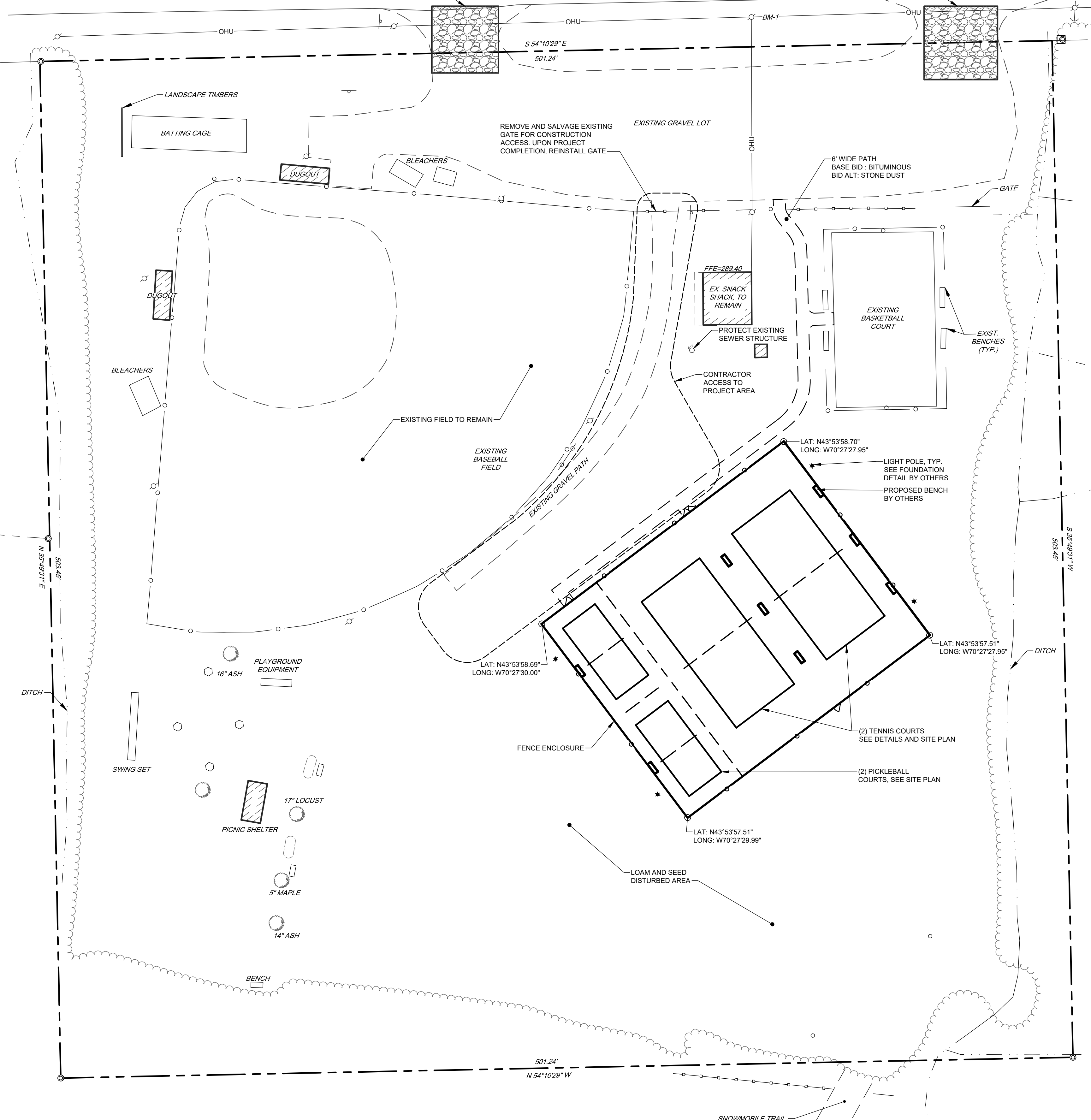
- THE RECORD OWNER OF THE PARCEL IS THE TOWN OF RAYMOND BY DEED DATED JUNE 7, 1986 AND RECORDED AT THE CUMBERLAND COUNTY REGISTRY OF DEEDS (CCR) IN BOOK 7209, PAGE 59.
- THE PROPERTY IS SHOWN AS LOT 11 ON THE TOWN OF RAYMOND TAX MAP 48 AND IS LOCATED IN THE VILLAGE RESIDENTIAL DISTRICT.
- TOTAL AREA OF THE PARCEL IS APPROXIMATELY 5.79 ACRES.
- BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED UPON FIELD WORK PERFORMED BY SEBAGO TECHNICS, INC. IN AUGUST OF 2023.
- PLAN REFERENCES:
A. "DIVISION OF LANE ON MILL STREET, ROUTE 85 AND HERITAGE LANE IN RAYMOND, MAINE FOR JOYCE CHARETTE" DATED JUNE 2016 BY WAYNE T. WOOD & CO.
- BASIS OF BEARING IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802-NAD83 (2011), IN INTERNATIONAL FEET. ELEVATIONS DEPICTED HEREON ARE NAVD88, BASED ON DUAL FREQUENCY GPS OBSERVATIONS.
- BENCHMARK:
BM-1 HORIZONTAL MAG NAIL SET IN UTILITY POLE 19 ELEVATION: 290.18' (NAVD88)
- UTILITY INFORMATION DEPICTED HEREON, UNLESS OTHERWISE NOTED, IS OF QUALITY LEVEL D PER AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) STANDARD C1ASCE 38-02. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES WITHIN THE PROJECT AREA PRIOR TO CONSTRUCTION AND/OR EXCAVATION.
- THE LOCUS PROPERTY AS DEPICTED HEREON DOES NOT FALL WITHIN A SPECIAL FLOOD HAZARD AREA AS DELINEATED ON THE FLOOD INSURANCE RATE MAP FOR RAYMOND, MAINE, CUMBERLAND COUNTY, PANEL NUMBER 230250015B, HAVING AN EFFECTIVE DATE OF MAY 5, 1981. THE LOCUS FALLS WITHIN AN AREA IDENTIFIED AS ZONE C, AREAS OF MINIMAL FLOODING.
- CONTRACTOR SHALL REMOVE ALL MATERIAL DEPOSITED ON EXISTING GRAVEL PARKING LOT, REGRADE AND APPLY 2" OF COMPACTED RECLAIM MATERIAL.
- CONTRACTOR SHALL CONSTRUCT TEMPORARY GRAVEL ACCESS ROAD TO TENNIS/PICKLEBALL COURTS PROJECT AND SHALL REMOVE GRAVEL, GRADE AND INSTALL LOAM, SEED AND MULCH AT END OF CONSTRUCTION.

N/F
CHRISTOPHER D. & SHELLIE L. BROWN
3602081
TM 47, LOT 1

N/F
DAVID E. & TANA L. ELDER
33360202
TM 47, LOT 3

N/F
DAVID E. & TANA L. ELDER
33360202
TM 47, LOT 3

N/F
DAVID E. & TANA L. ELDER
33360202
TM 47, LOT 3



ISSUED FOR PERMITTING

PAUL D. OSTROWSKI, P.E. 11175
STATE OF MAINE
PAUL D. OSTROWSKI
NO. 011175
PROFESSIONAL ENGINEER
06/19/2024

REV.	BY	DATE	STATUS
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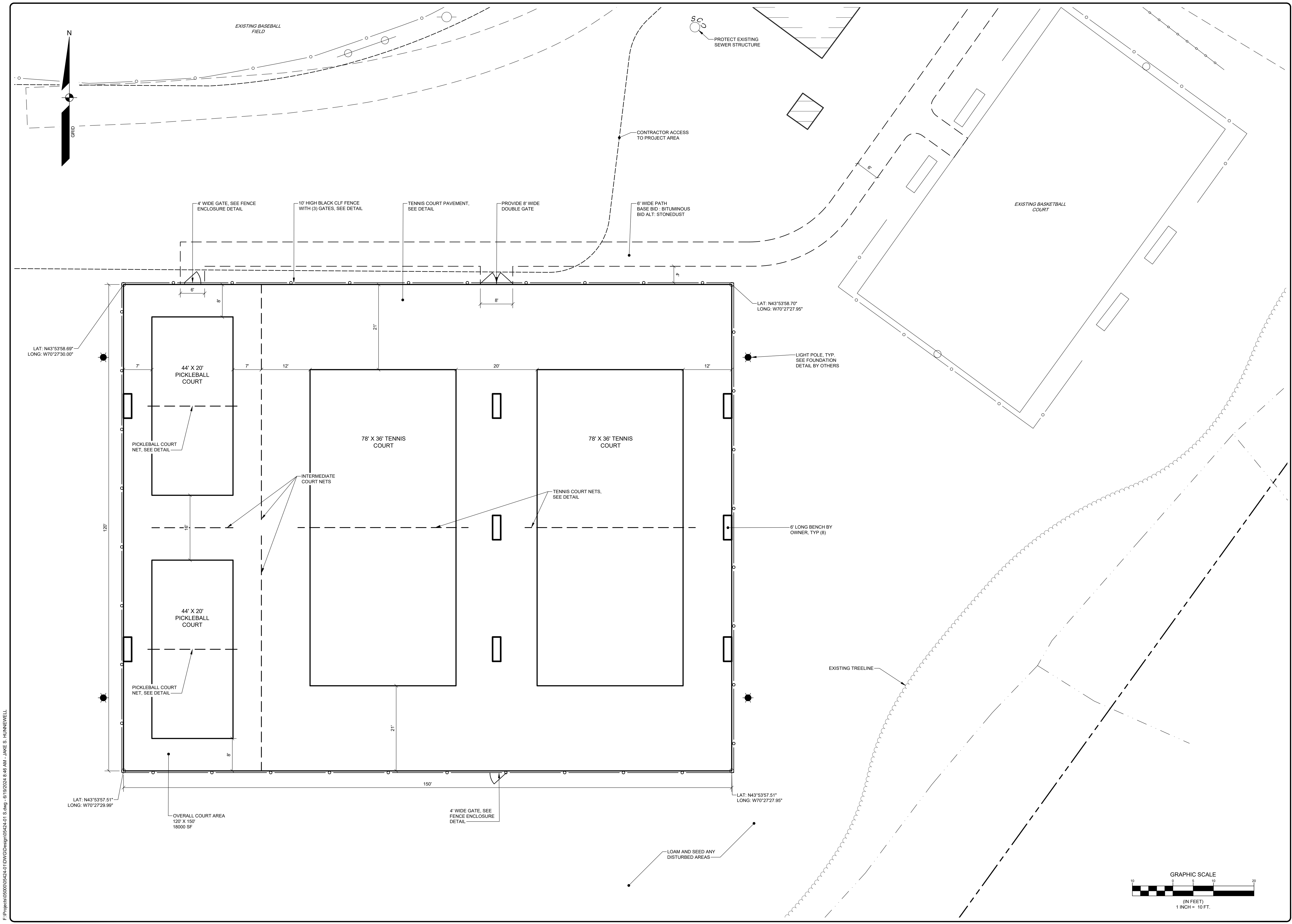
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OVERALL SITE PLAN
OF:
TENNIS COURTS AT SHERI GAGNON MEMORIAL PARK
63 MILL STREET
RAYMOND, ME 04071
FOR:
TOWN OF RAYMOND
401 WEBBS MILLS ROAD
RAYMOND, ME 04071

DESIGNED	JSH / MRB
DRAWN	RGL
CHECKED	OAM
DATE	11-13-2023
SCALE	1" = 30'
PROJECT	05424-01

SHEET 4 OF 11

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PAUL D. OSTROWSKI, PE 11175
 STATE OF MAINE
 PAUL D. OSTROWSKI
 ENGINEER
 NO. 031175
 PROFESSIONAL SEAL
 06/19/2024

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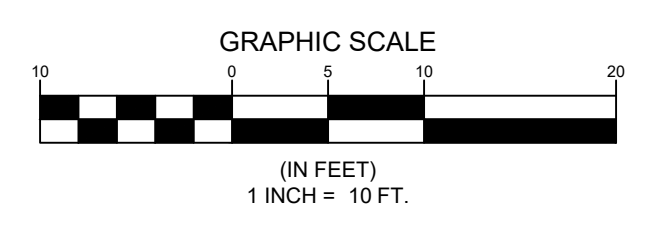
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DETAILED SITE PLAN
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TENNIS COURTS AT SHERI GAGNON MEMORIAL PARK
 63 MILL STREET
 RAYMOND, ME 04071
 FOR:
TOWN OF RAYMOND
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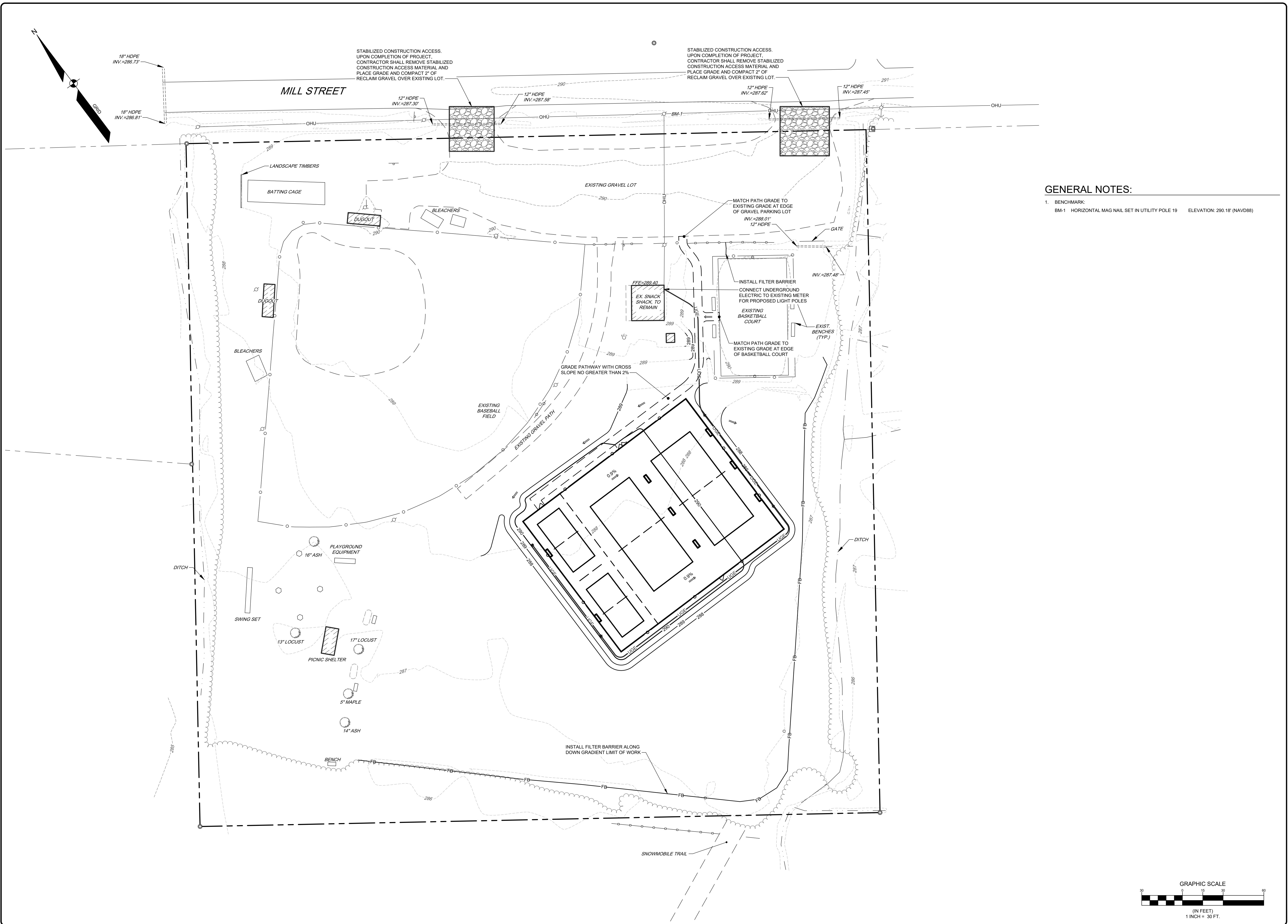
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DRAWN	RGL
CHECKED	OAM
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PROJECT	05424-01

SHEET 5 OF 11



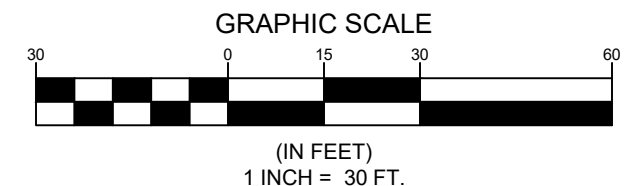
05424-01 S.dwg, TAB DETAILED SITE PLAN

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GENERAL NOTES:

- BENCHMARK:
BM-1 HORIZONTAL MAG NAIL SET IN UTILITY POLE 19 ELEVATION: 290.18' (NAVD88)



ISSUED FOR PERMITTING

PAUL D. OSTROWSKI, PE 11175
STATE OF MAINE
PAUL D. OSTROWSKI
NO. 11175
PROFESSIONAL ENGINEER
LICENSE NO. 11175
06/19/2024

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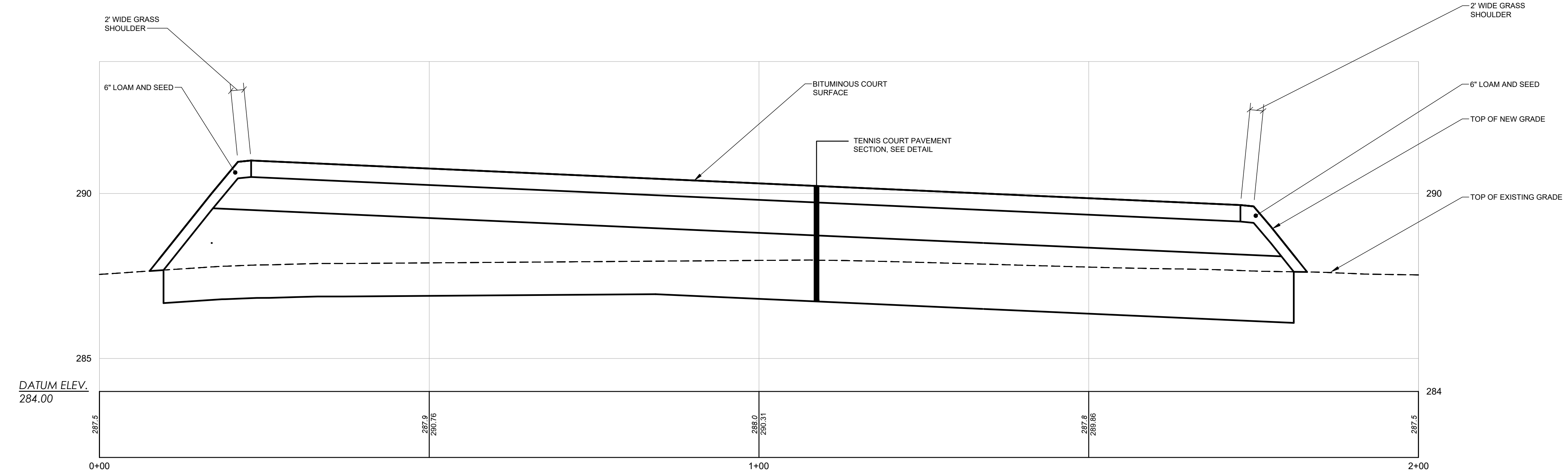
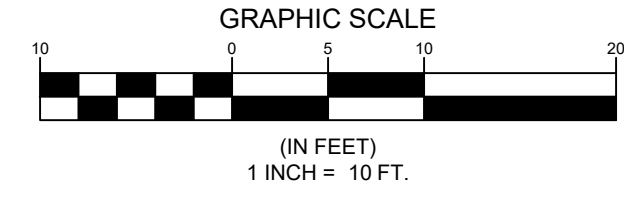
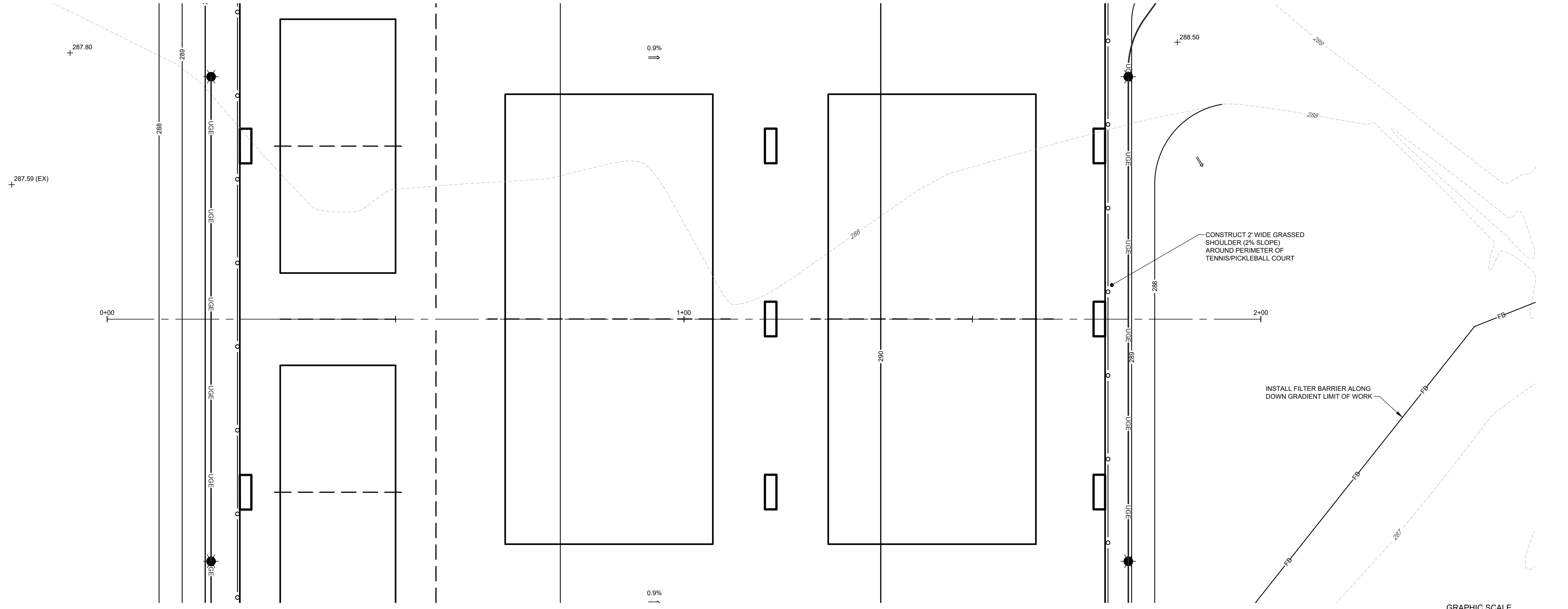
GRADING AND UTILITY PLAN
OF:
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RAYMOND, ME 04071
FOR:
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401 WEBBS MILLS ROAD
RAYMOND, ME 04071

DESIGNED	JSH / MRB
DRAWN	RGL
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SHEET 6 OF 11

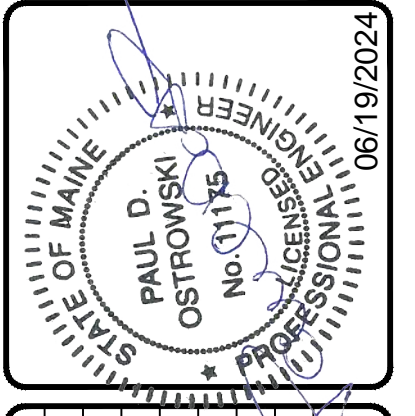
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COURT CENTER
 VERTICAL SCALE 1"=2'
 HORIZONTAL SCALE 1"=10'

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BY	OAM	DATE	STATUS

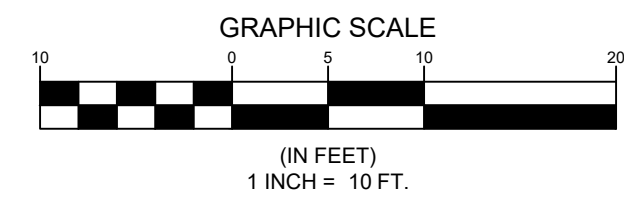
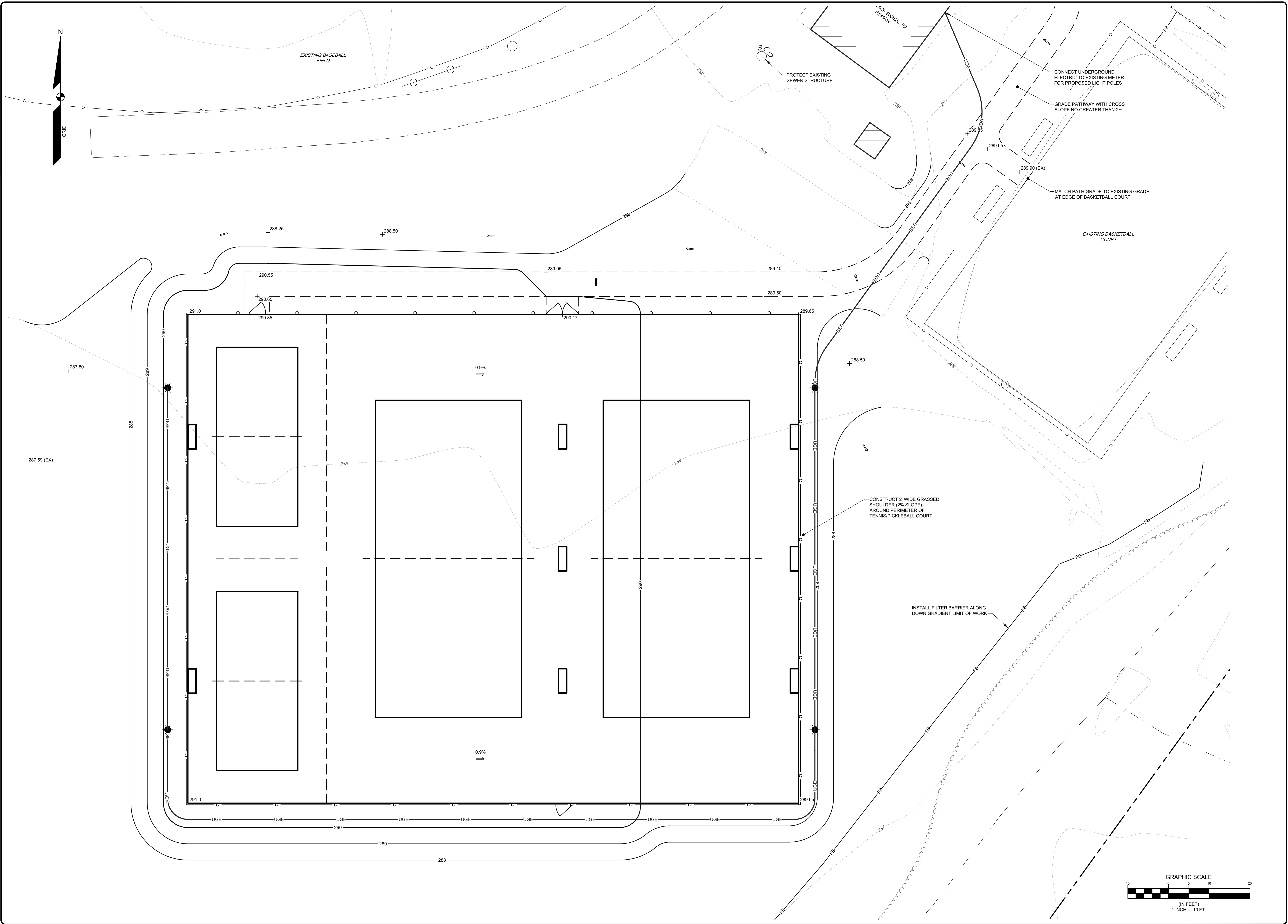
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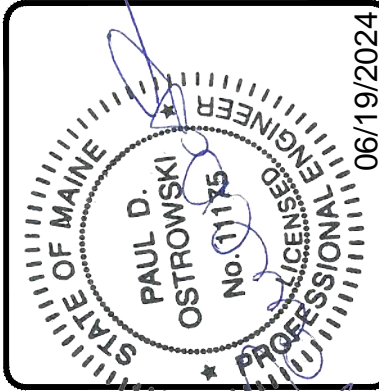
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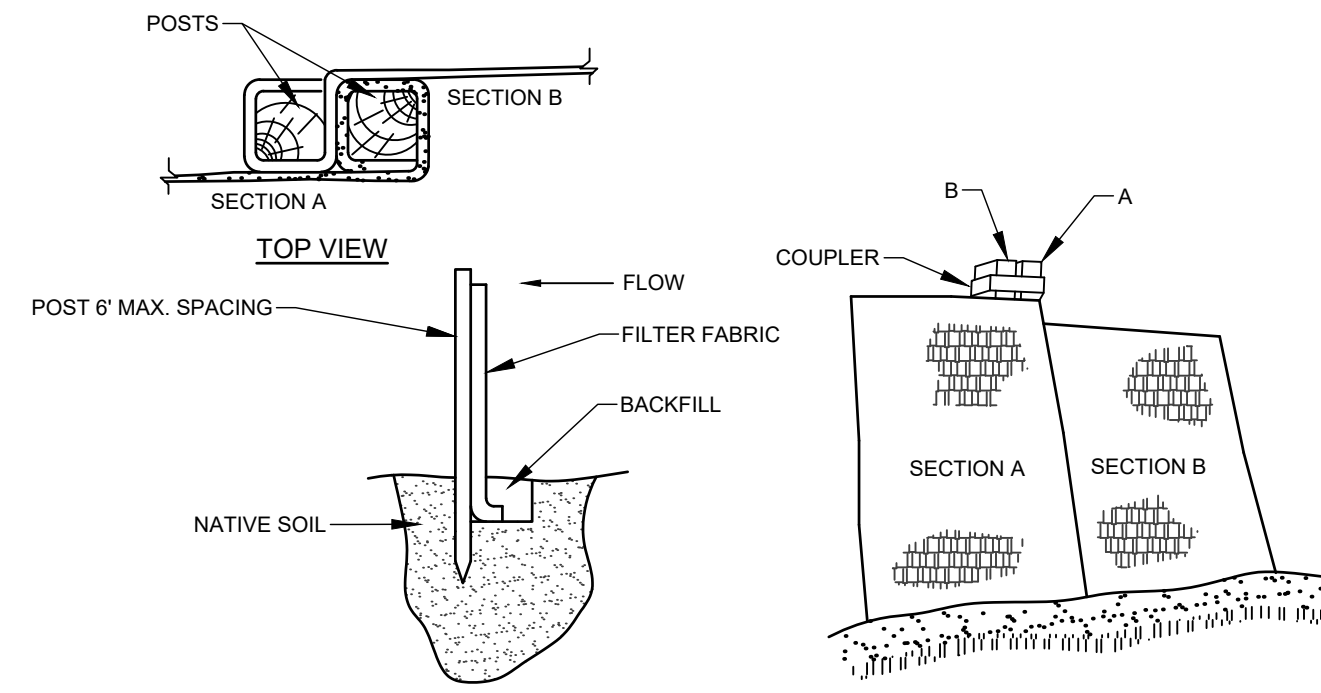
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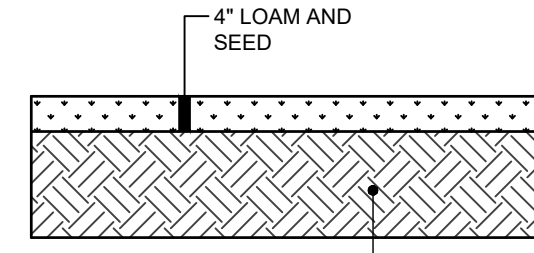
SHEET 8 OF 11

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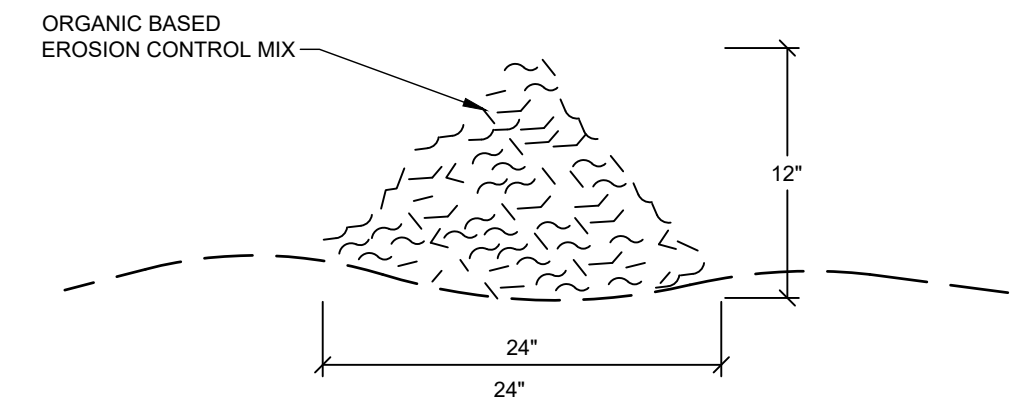


- INSTALLATION:**
- EXCAVATE A 6" x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
 - UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
 - DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
 - LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMPING FILL AT THE BASE. BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.
 - JOIN SECTION AS SHOWN ABOVE.
 - BARRIER SHALL BE MIRAFI SILT FENCE OR EQUAL.

FILTER BARRIER
NOT TO SCALE



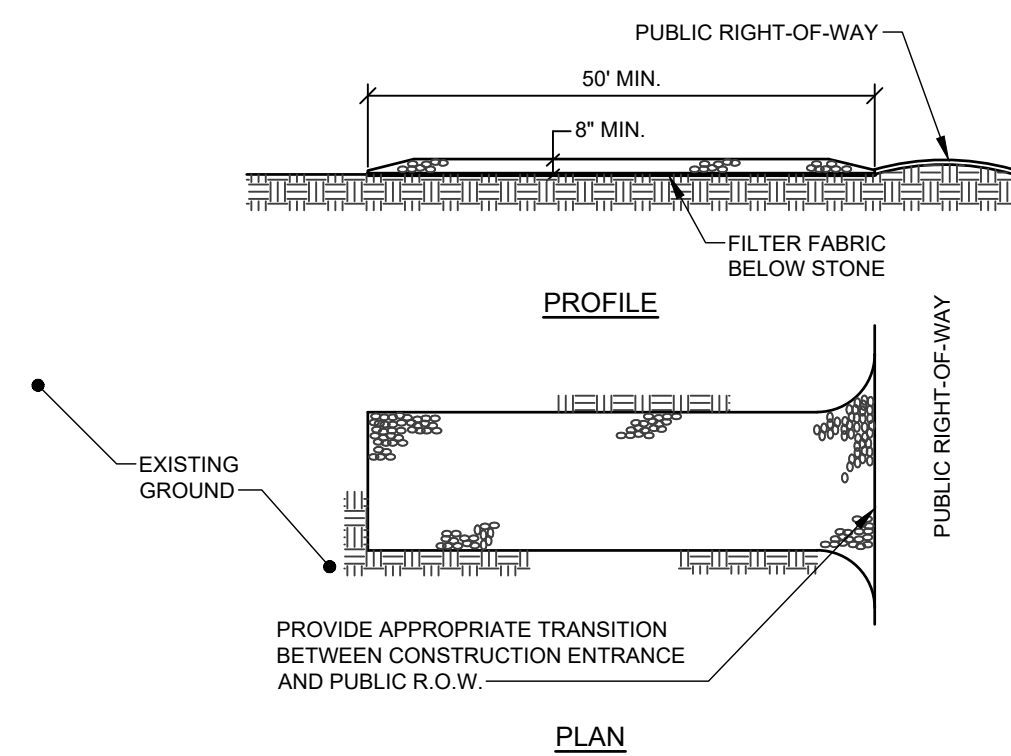
LOAM & SEED SECTION
NOT TO SCALE



COMPOSITION:
EROSION CONTROL MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDEP MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL, LAST REVISED 3/2003 OR LATER. IT MUST CONSIST PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK OR ACCEPTABLE MANUFACTURED PRODUCTS. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS OR REPROCESSED WOOD PRODUCTS WILL NOT BE ACCEPTABLE AS THE ORGANIC COMPONENT OF THE MIX.

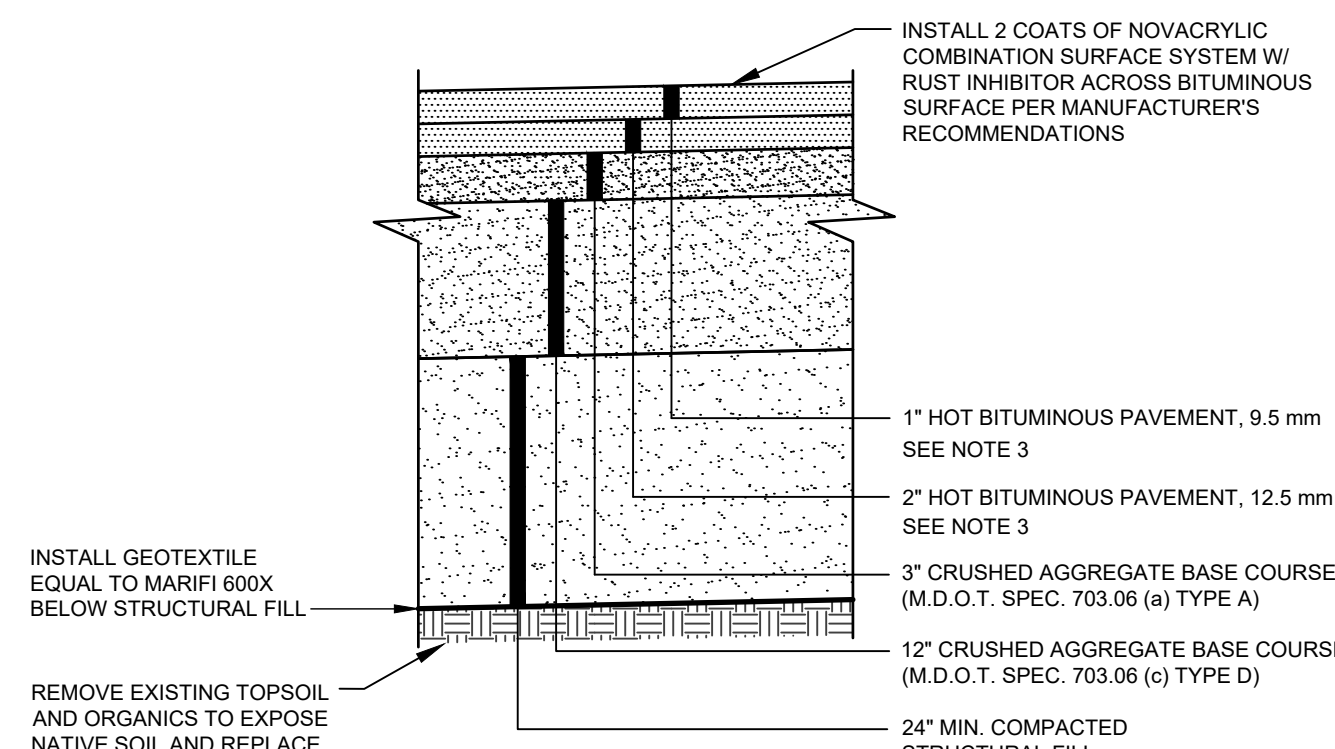
- INSTALLATION:**
- THE BARRIER MUST BE PLACED ACROSS THE SLOPE, ALONG THE CONTOUR.
 - EXISTING GROUND SHALL BE PREPARED SUCH THAT THE BARRIER MAY LIE NEARLY FLAT ALONG THE GROUND TO AVOID THE CREATION OF VOIDS AND BRIDGES IN ORDER TO MINIMIZE THE POTENTIAL OF WASH OUTS UNDER THE BARRIER.
 - THE BARRIER SHALL BE A MINIMUM OF 1 FOOT HIGH (AS MEASURED ON THE UPHILL SIDE) AND 2 FEET WIDE FOR SLOPES LESS THAN 5% IN GRADE AND SHALL BE WIDER TO ACCOMMODATE THE ADDITIONAL RUNOFF.
 - EROSION CONTROL MIX CAN BE INSTALLED WHERE SILT FENCE IS ILLUSTRATED ON THE DESIGN PLANS IN AREAS EXCEPT IN, BUT NOT LIMITED TO, THE FOLLOWING AREAS: WETLAND AREAS, AT POINTS OF CONCENTRATED FLOW, BELOW CULVERT OUTLET APRONS, AROUND CATCH BASINS AND CLOSED STORM SYSTEMS AND AT THE BOTTOM OF STEEP SLOPES THAT ARE MORE THAN 50 FEET FROM TOP TO BOTTOM.

EROSION CONTROL MIX BERM
NOT TO SCALE



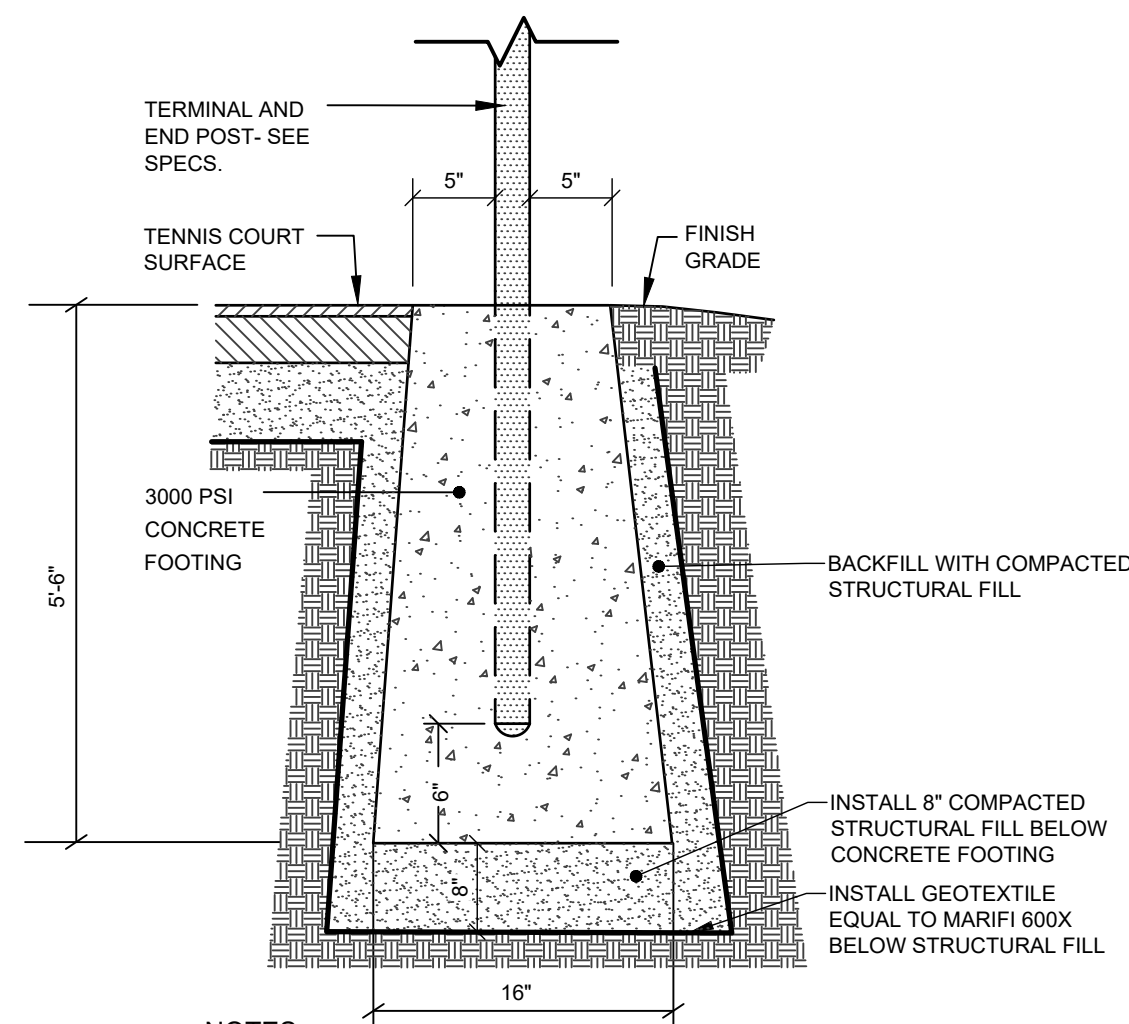
- NOTES:**
- STONE SIZE- AASHTO DESIGNATION M43, SIZE NO. 2 (1/2" TO 1 1/2"). USE CRUSHED STONE.
 - LENGTH- AS SHOWN ON PLANS, MIN. 50 FEET.
 - THICKNESS- NOT LESS THAN EIGHT (8) INCHES.
 - WIDTH- NOT LESS THAN FULL WIDTH OF ALL POINT OF INGRESS OR EGRESS.
 - MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



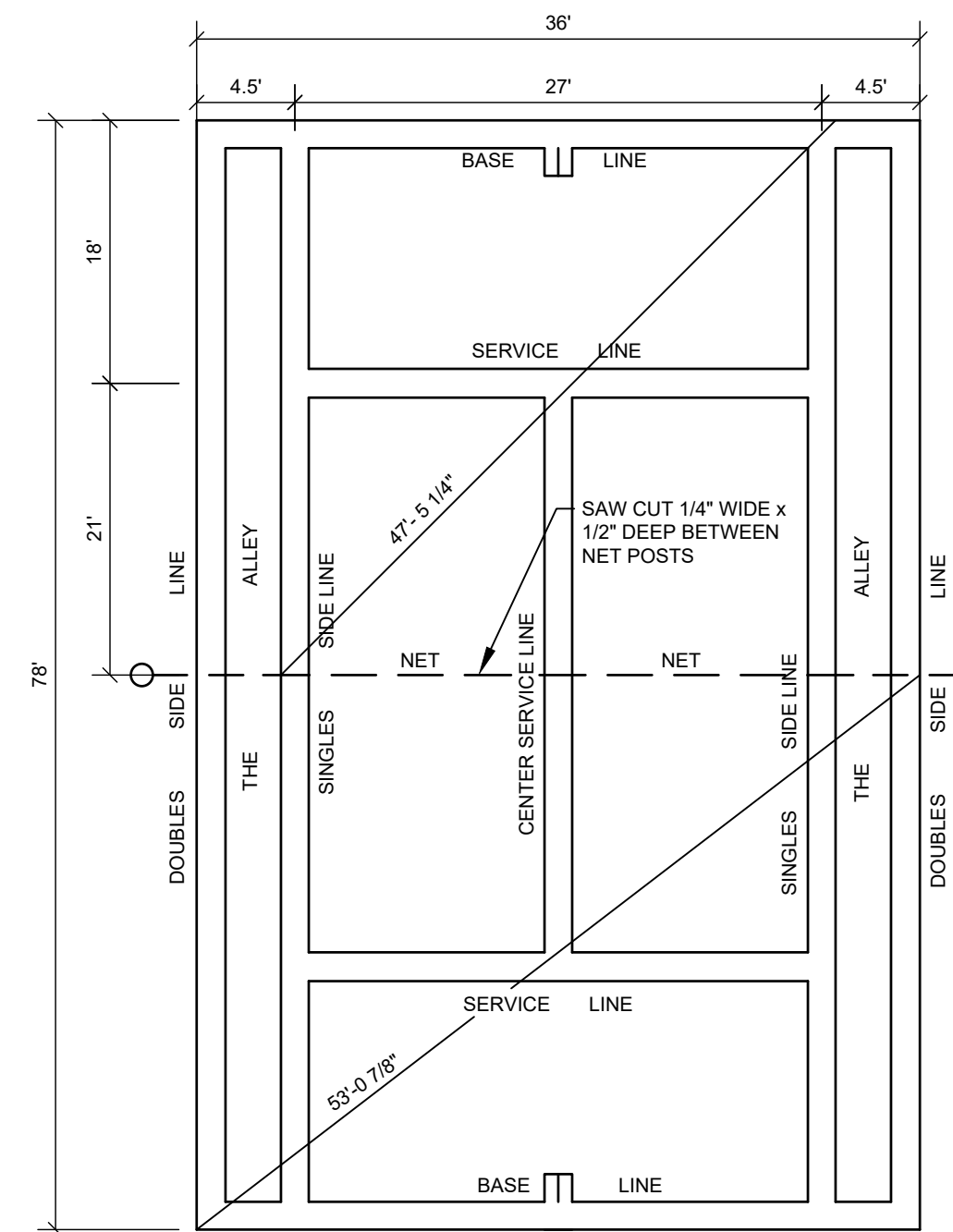
- NOTES:**
- SEE GRADING AND UTILITY PLANS FOR FINISH GRADE ELEVATIONS.
 - SEE SITE PLANS FOR LAYOUT DIMENSIONS.
 - THE AGGREGATES USED IN THE BITUMINOUS PAVEMENT MIX SHALL BE FREE FROM MINERAL PYRITES, MARCA-SITE, WOOD PARTICLES, CLAY OR DUST "BALLS" OR OTHER DELETERIOUS MATERIALS WHICH MAY CAUSE STAINING/DISCOLORATION OR INTERFERE WITH THE PLANARITY, STRUCTURAL STABILITY OR AESTHETICS OF THE PLAYING SURFACE.
 - COMPACT STRUCTURAL FILL AND GRAVEL TO 95% OF MAXIMUM DENSITY.
 - STRUCTURAL FILL: USE AGGREGATE MATERIAL FOR FILL OPERATIONS. SIEVE ANALYSIS BY WEIGHT:
- | SIEVE OPENING | % BY WEIGHT PASSING MESH SIEVES |
|---------------|---------------------------------|
| 4 INCH | 100 % |
| 3 INCH | 90-100% |
| 1/4 INCH | 25-90 % |
| NO. 40 | 0-30% |
| NO. 200 | 0-6% |

TENNIS COURTS PAVEMENT SECTION
NOT TO SCALE



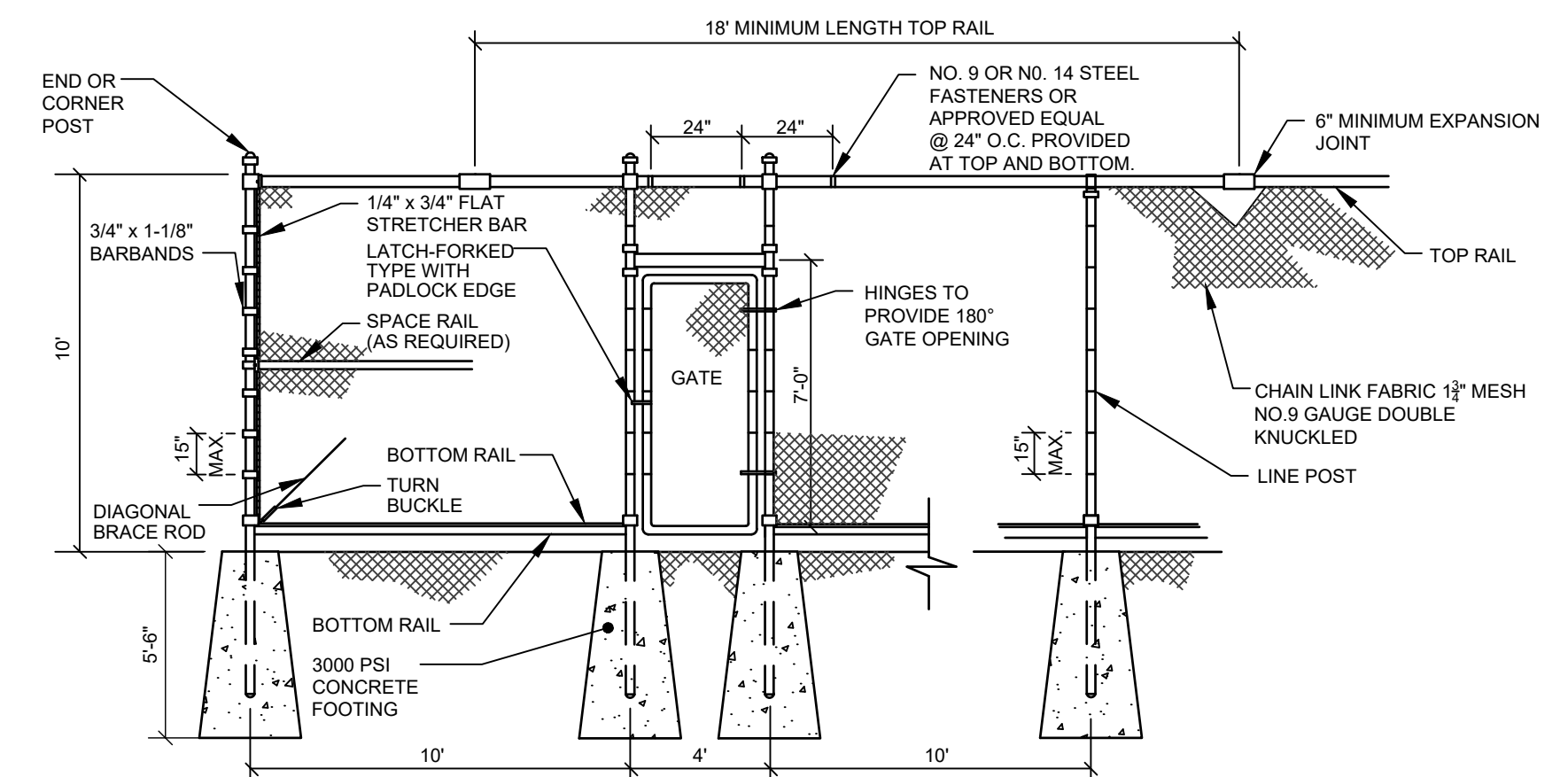
- NOTES:**
- STRUCTURAL FILL: USE AGGREGATE MATERIAL FOR FILL OPERATIONS. SIEVE ANALYSIS BY WEIGHT:
- | SIEVE OPENING | % BY WEIGHT PASSING MESH SIEVES |
|---------------|---------------------------------|
| 4 INCH | 100 % |
| 3 INCH | 90-100% |
| 1/4 INCH | 25-90 % |
| NO. 40 | 0-30% |
| NO. 200 | 0-6% |

TENNIS COURTS FENCE POST FOOTING
NOT TO SCALE



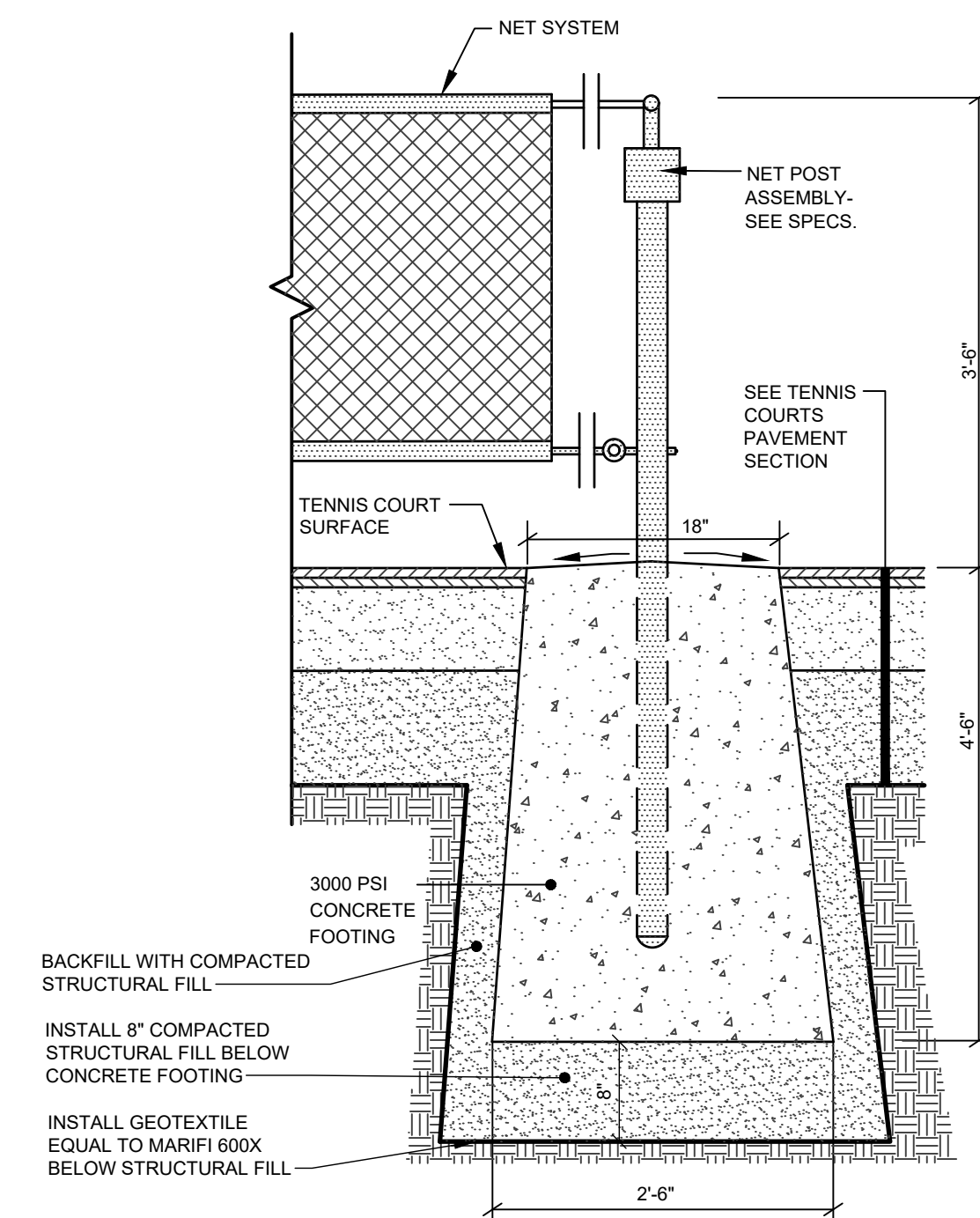
NOTE:
CONTRACTOR SHALL PROVIDE AND INSTALL PER MANUFACTURER'S SPECIFICATION (2) TENNIS NETS EQUAL TO DOUGLAS SPORTS, ITEM TN 36T TENNIS NET. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE MANUFACTURER'S SPECIFICATION WITH PROVIDED DETAILS.

TENNIS COURT LAYOUT
NOT TO SCALE



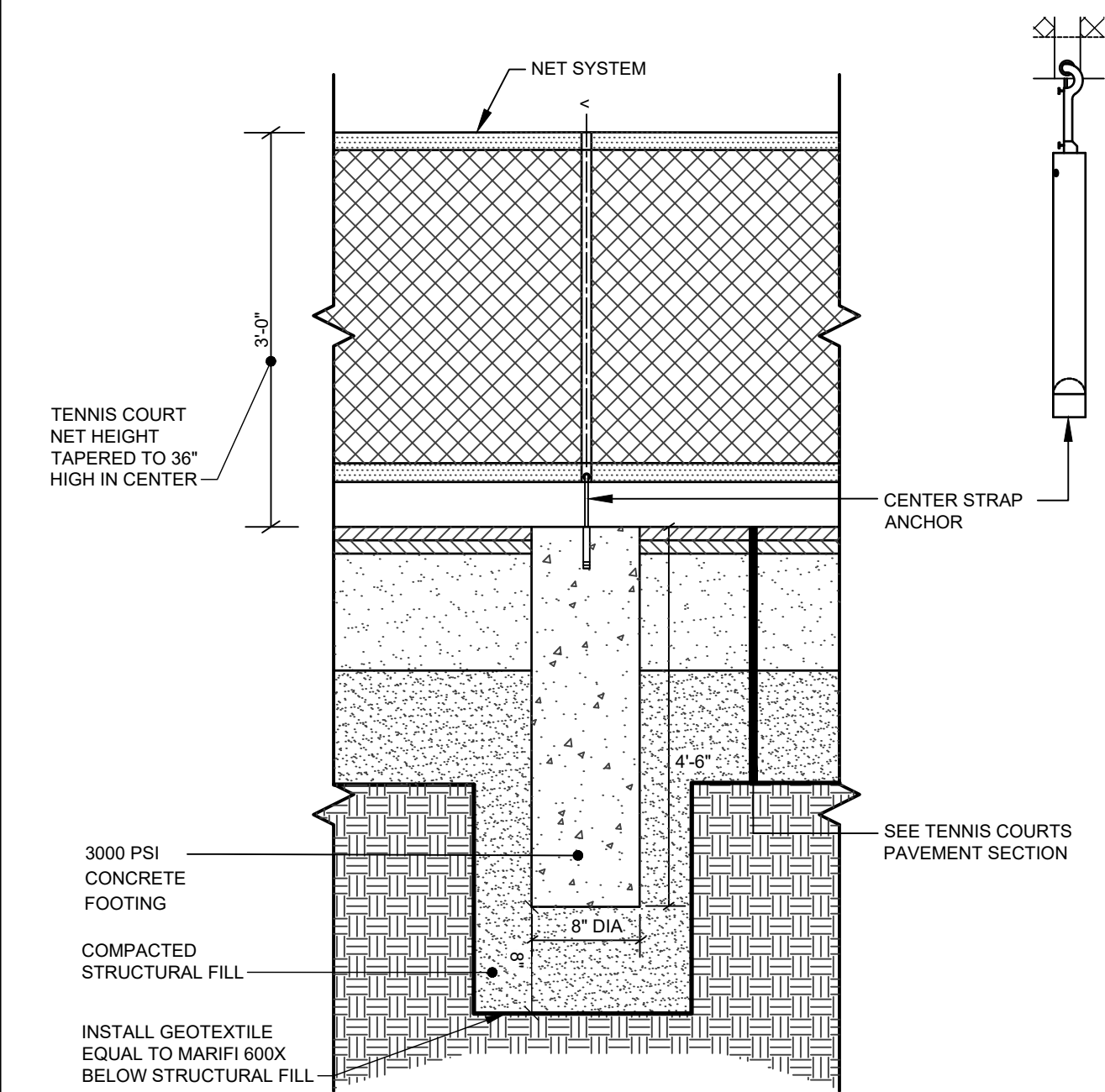
- NOTES:**
- END OR CORNER POST: NOMINAL 3" O.D. DIA. GALVANIZED STEEL PIPE MIN. 5.79 LBS/LF.
 - LINE POST: NOMINAL 2-1/2" O.D. GALVANIZED STEEL PIPE, MIN. 3.65 LBS/LF.
 - BRACES, TOP & BOTTOM: NOMINAL 1-5/8" O.D. DIA. GALVANIZED STEEL PIPE, MIN. 2.27 LBS/LF.
 - THE OUTSIDE OF THE FENCE FABRIC SHALL BE 3" INSIDE THE EDGE OF PAVEMENT.
 - BRACE RAIL AND DIAGONAL BRACE ROD SHALL BE INSTALLED AT EACH 10' CORNER SECTION OF ENCLOSURE. SEE DETAIL 2 OF THIS SHEET.
 - CONCRETE SHALL HAVE MINIMUM COMPRESSIVE STRENGTH (f'c) = 3,000 PSI W/ 6% ±1% AIR ENTRAINMENT.
 - BID ALTERNATE: FENCE FABRIC, POST, RAILS AND APPURTENANCES SHALL BE VINYL CLAD, COLOR BLACK.
 - SINGLE GATE IS SHOWN, CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR SINGLE AND DOUBLE GATE WITH LATCH AND PADLOCK CAPABLE.

FENCE ENCLOSURE
NOT TO SCALE



- NOTES:**
- STRUCTURAL FILL: USE AGGREGATE MATERIAL FOR FILL OPERATIONS. SIEVE ANALYSIS BY WEIGHT:
- | SIEVE OPENING | % BY WEIGHT PASSING MESH SIEVES |
|---------------|---------------------------------|
| 4 INCH | 100 % |
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| 1/4 INCH | 25-90 % |
| NO. 40 | 0-30% |
| NO. 200 | 0-6% |

TENNIS COURT NET FOOTING
NOT TO SCALE



- NOTES:**
- STRUCTURAL FILL: USE AGGREGATE MATERIAL FOR FILL OPERATIONS. SIEVE ANALYSIS BY WEIGHT:
- | SIEVE OPENING | % BY WEIGHT PASSING MESH SIEVES |
|---------------|---------------------------------|
| 4 INCH | 100 % |
| 3 INCH | 90-100% |
| 1/4 INCH | 25-90 % |
| NO. 40 | 0-30% |
| NO. 200 | 0-6% |

TENNIS - CENTER NET STRAP ANCHOR
NOT TO SCALE

ISSUED FOR PERMITTING

PAUL D. OSTROWSKI, P.E. 11175
STATE OF MAINE
PAUL D. OSTROWSKI, P.E.
NO. 01175
PROFESSIONAL ENGINEER
06/19/2024

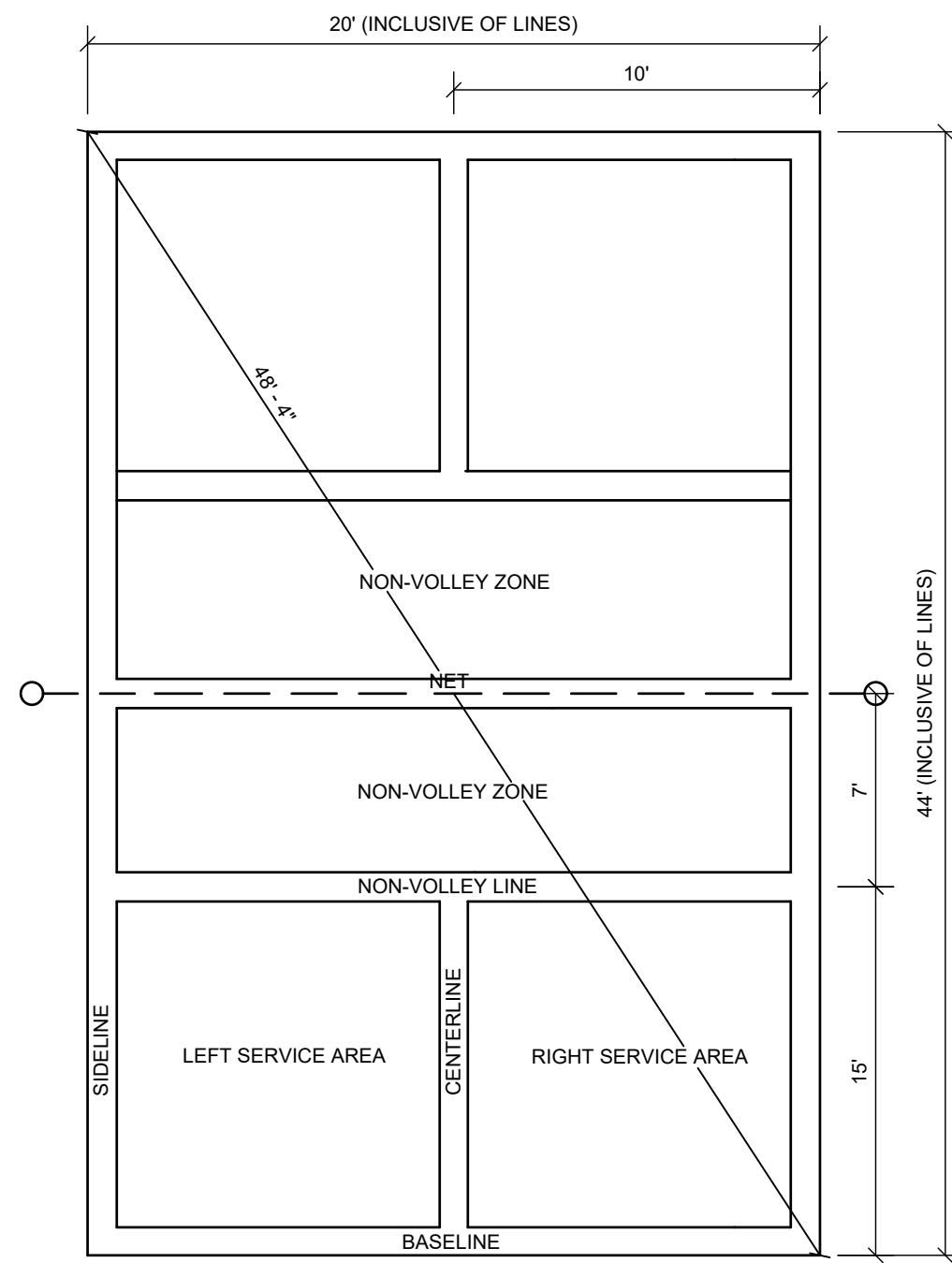
REV.	BY	DATE	STATUS
C	OAM	06/20/2024	RESUBMITTED FOR TOWN REVIEW
B	OAM	03/14/2024	SUBMITTED FOR TOWN REVIEW
A	OAM	03/11/2024	ISSUED FOR CLIENT REVIEW

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SEBAGO
TECHNIQS
WWW.SEAGOTECHNIQS.COM
75 John Roberts Rd.
Sullivan, ME 04106
South Portland, ME 04106
Tel. 207-200-2100

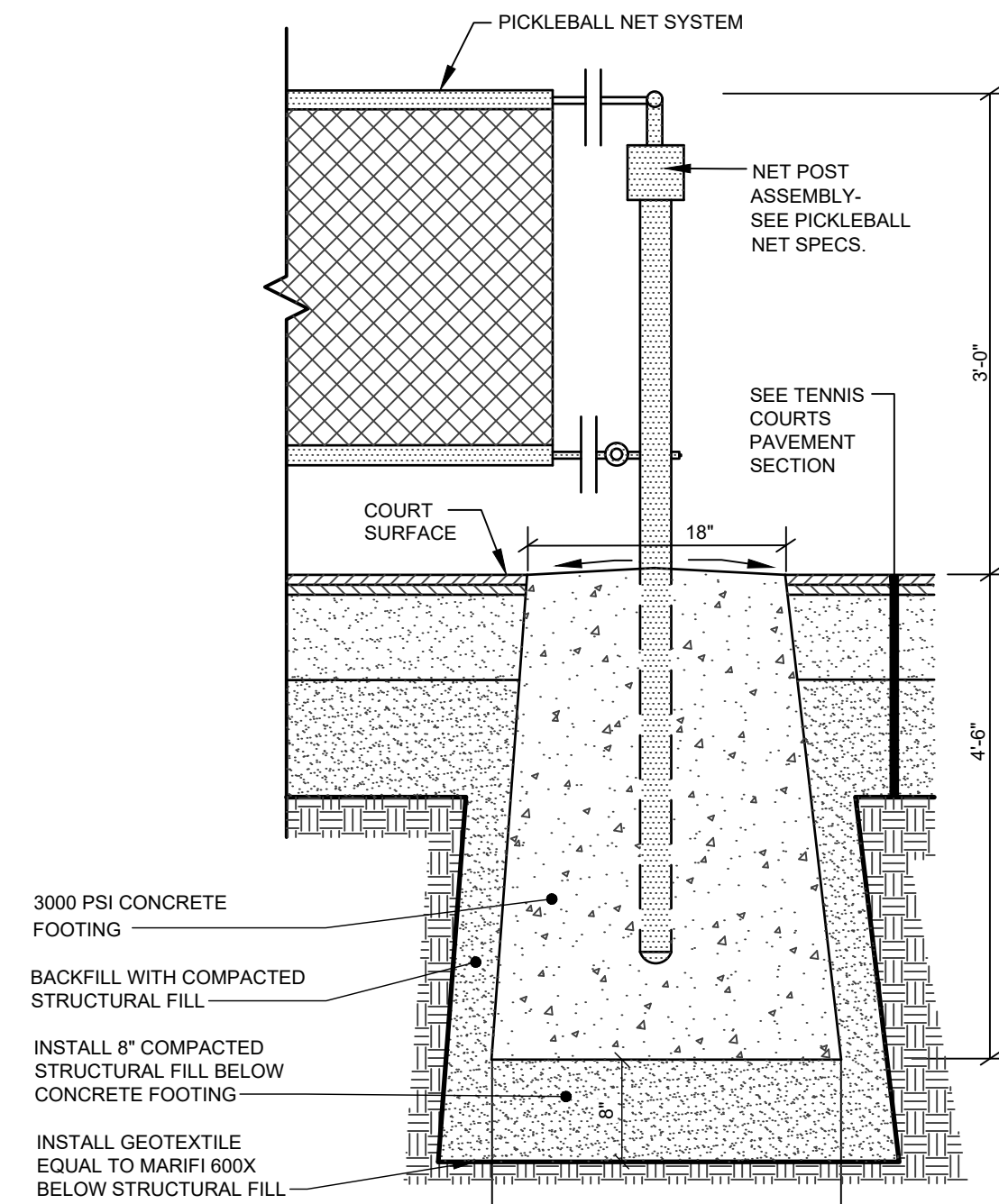
DETAILS 1
OF:
TENNIS COURTS AT SHERI GAGNON MEMORIAL PARK
63 MILL STREET
RAYMOND, ME 04071
FOR:
TOWN OF RAYMOND
401 WEBBS MILLS ROAD
RAYMOND, ME 04071

DESIGNED	JSH / MRB
DRAWN	RGJ
CHECKED	OAM
DATE	11-13-2023
SCALE	NTS
PROJECT	05424-01



NOTE:
CONTRACTOR SHALL PROVIDE AND INSTALL PER MANUFACTURER'S SPECIFICATION (2) PICKLEBALL NETS EQUAL TO DOUGLAS SPORTS, ITEM PN-30 PICKLEBALL NET. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE MANUFACTURER'S SPECIFICATION WITH PROVIDED DETAILS.

PICKLEBALL COURT LAYOUT
NOT TO SCALE

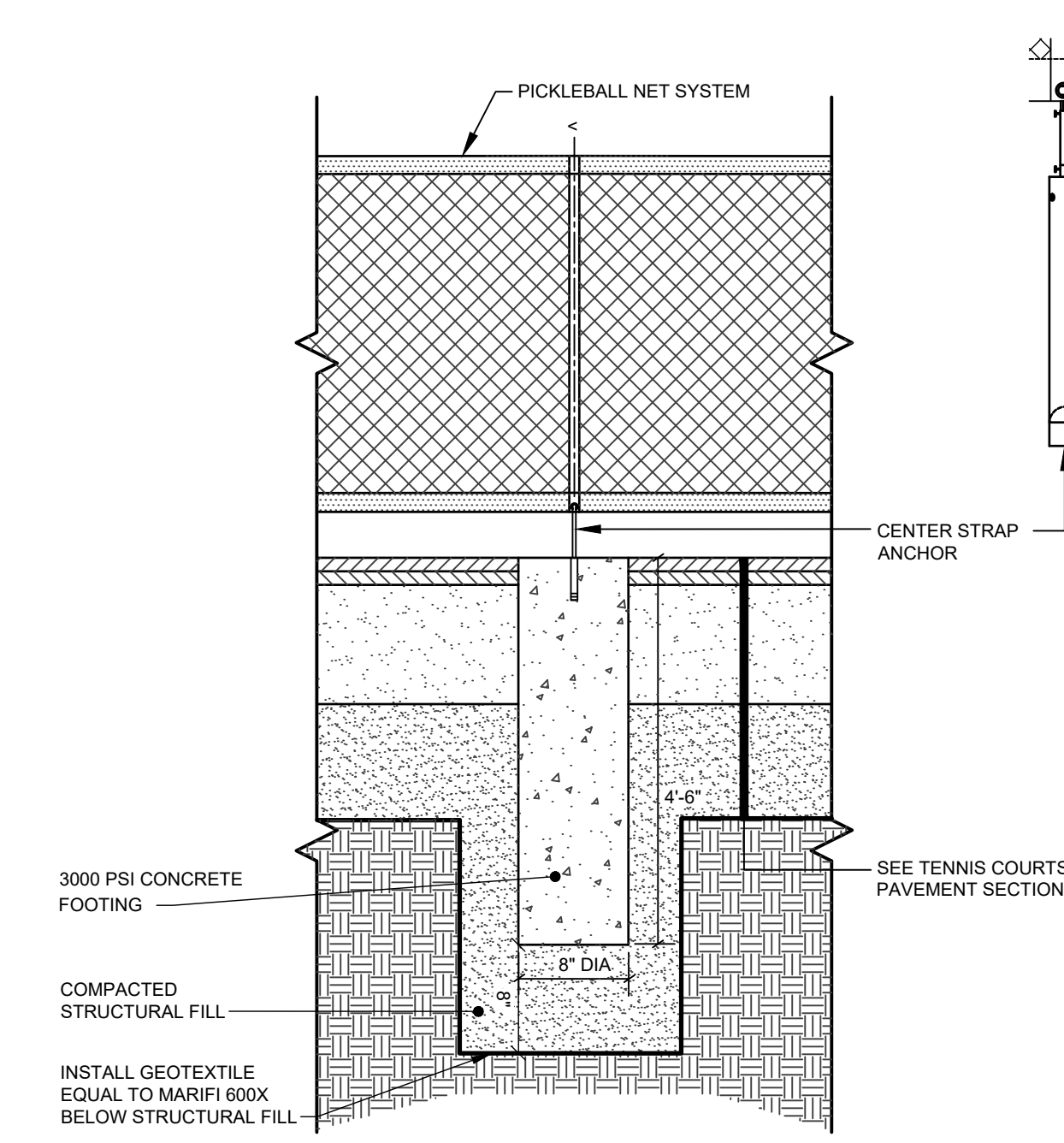


NOTES:

- STRUCTURAL FILL: USE AGGREGATE MATERIAL FOR FILL OPERATIONS. SIEVE ANALYSIS BY WEIGHT:

SIEVE OPENING	% BY WEIGHT PASSING MESH SIEVES
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1/4 INCH	25-90 %
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NO. 200	0-6%

PICKLEBALL COURT NET FOOTING
NOT TO SCALE

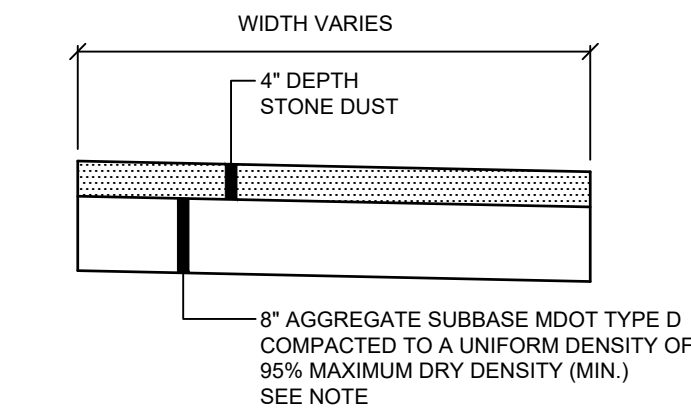


NOTES:

- STRUCTURAL FILL: USE AGGREGATE MATERIAL FOR FILL OPERATIONS. SIEVE ANALYSIS BY WEIGHT:

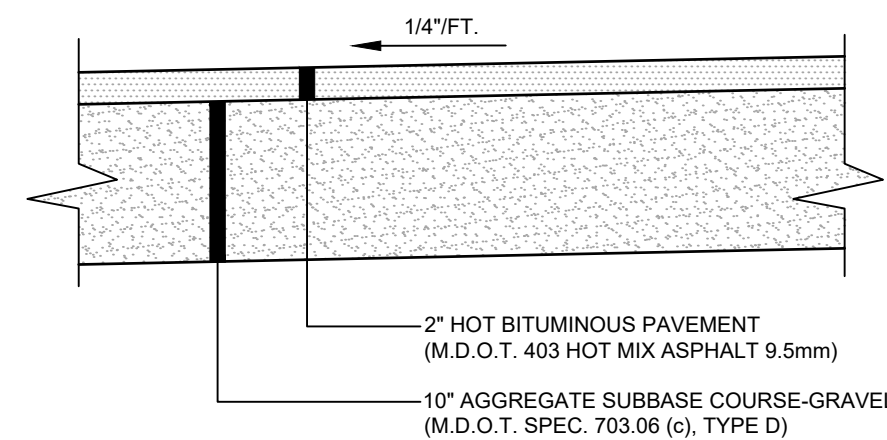
SIEVE OPENING	% BY WEIGHT PASSING MESH SIEVES
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1/4 INCH	25-90 %
NO. 40	0-30%
NO. 200	0-6%

PICKLEBALL - CENTER NET STRAP ANCHOR
NOT TO SCALE

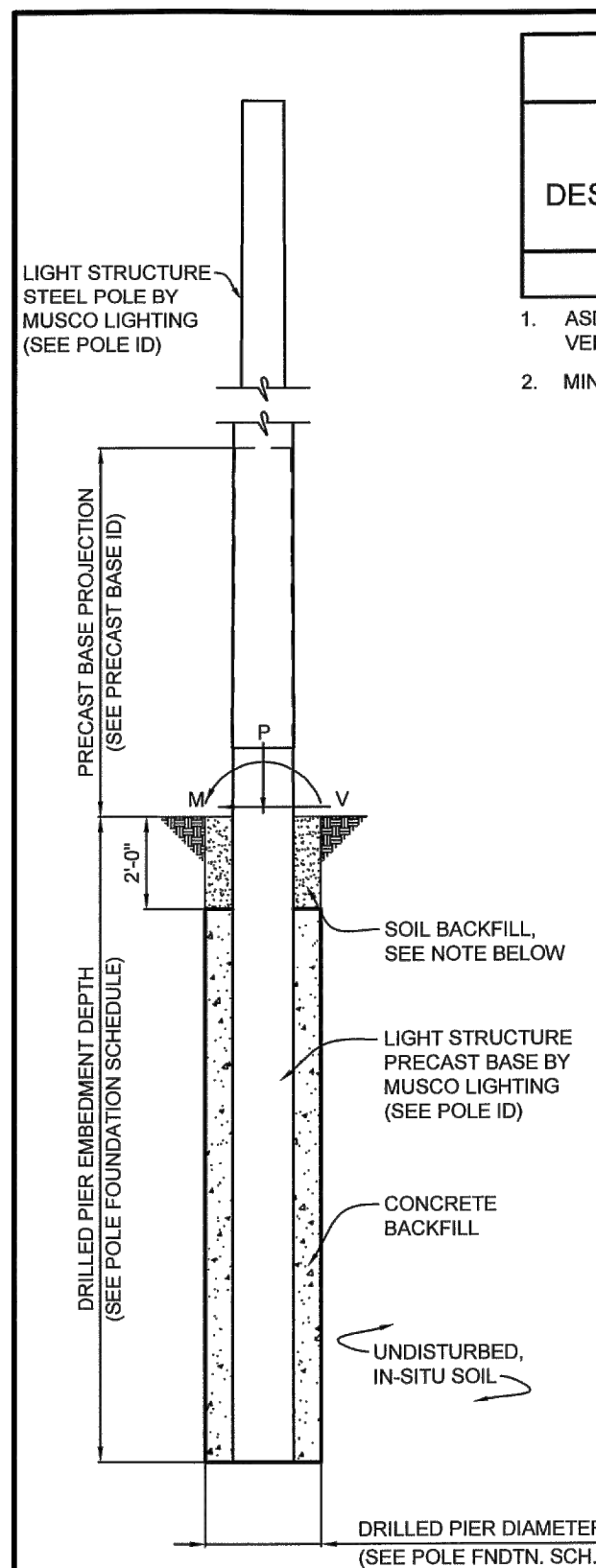


NOTE:
EXISTING SUBBASE MATERIAL MAY BE SUITABLE. VERIFY SUB-SURFACE CONDITIONS AND NOTIFY ENGINEER.

STONE DUST FOOTPATH
NOT TO SCALE



BITUMINOUS SIDEWALK
NOT TO SCALE



POLE FOUNDATION ELEV.
SCALE: NOT TO SCALE

SOIL BACKFILL NOTE:
THE TOP TWO FEET OF ANNULUS SHALL BE BACKFILLED WITH SOIL, WITH A CLASSIFICATION OF CLASS 5 (TABLE 1806.2) OR BETTER. COMPACTION, 95% FOR COHESIVE SOIL AND 98% FOR A COHESIONLESS SOIL BASED UPON STANDARD PROCTOR TESTING (ASTM D698).

POLE DESIGNATION	FORCES (1)			DRILLED PIER		
	MOMENT (M) FT-LBS	SHEAR (V) LBS	VERTICAL (P) LBS	DIAMETER INCHES	EMBEDMENT DEPTH	CONCRETE BACKFILL YD ³ (2)
T1 - T4	25,329	733	829	30	10'-0"	1.3

- ASD LOAD COMBINATION D + 0.6W. VERTICAL FORCE IS WEIGHT OF DRESSED POLE (DOES NOT INCLUDE PRECAST BASE WEIGHT).
- MINIMUM CONCRETE BACKFILL VOLUME, SITE CONDITIONS MAY REQUIRE ADDITIONAL BACKFILL.

PRECAST BASE IDENTIFICATION					
PRECAST BASE TYPE	PRECAST BASE WEIGHT	PRECAST BASE LENGTH	PROJECTION ABOVE GRADE	STANDARD EMBEDMENT	OUTSIDE DIAMETER
2B	1,690 LBS	17'-3"	7'-3"	10'-0"	12.00"

POLE IDENTIFICATION				
POLE DESIGNATION	POLE TYPE	PRECAST BASE TYPE	FIXTURE CONFIGURATION (FIX. PER XARM)	FIXTURE AND ACCESSORIES EPA (F ²)
T1 - T4	LSS60AA	2B	2 (2)	4.4

DESIGN NOTES

DESIGN PARAMETERS:
WIND: $V_w = 115$ MPH, $V_{max} = 89$ MPH (EXPOSURE C, RISK CATEGORY II) PER INTERNATIONAL BUILDING CODE, 2015 EDITION (ASCE 7-10). DESIGN WIND PARAMETERS ARE AS NOTED, ACTUAL EXPOSURE MUST BE VERIFIED FOR THE SITE BY THE PROPER GOVERNING OFFICIAL.

GEOTECHNICAL PARAMETERS:
ALLOWABLE END BEARING SOIL PRESSURE: 1,500 PSF
ALLOWABLE LATERAL SOIL BEARING PRESSURE: 0 PSF/FT (GRADE TO -2'-0"); 200 PSF/FT (BELOW -2'-0")
IN ACCORDANCE WITH THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE, CHAPTER 18.

DESIGN SOIL PARAMETERS ARE AS NOTED. ACTUAL ALLOWABLE SOIL PARAMETERS MUST BE VERIFIED ON SITE. REFERENCE SOILS AND FOUNDATION REPORT, NO. 05424, PREPARED BY SEBAGO TECHNICS, INC.

A GEOTECHNICAL ENGINEER OR REPRESENTATIVE OF IS RECOMMENDED (NOT REQUIRED) TO BE AVAILABLE AT THE TIME OF THE FOUNDATION INSTALLATION TO VERIFY THE SOIL DESIGN PARAMETERS AND TO PROVIDE ASSISTANCE IF ANY PROBLEMS ARISE IN FOUNDATION INSTALLATION.

ENCOUNTERING SOIL FORMATIONS THAT WILL REQUIRE SPECIAL DESIGN CONSIDERATIONS OR EXCAVATION PROCEDURES MAY OCCUR. POLE FOUNDATIONS WILL NEED TO BE ANALYZED ACCORDING TO THE SOIL CONDITIONS THAT EXIST. IF ANY DISCREPANCIES OR INCONSISTENCIES ARISE, NOTIFY THE ENGINEER OF SUCH DISCREPANCIES. FOUNDATIONS WILL THEN BE REVISED ACCORDINGLY. REVISIONS WILL BE ANALYZED PER RECOMMENDATIONS DIRECTED BY A REGISTERED ENGINEER.

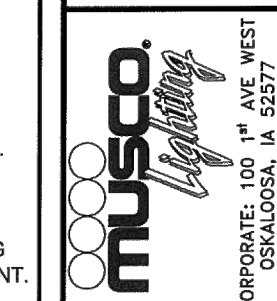
ALL EXCAVATIONS MUST BE FREE OF LOOSE SOIL AND DEBRIS PRIOR TO FOUNDATION INSTALLATION AND CONCRETE BACKFILL PLACEMENT. TEMPORARY CASINGS OR DRILLERS SLURRY MAY BE USED TO STABILIZE THE EXCAVATION DURING INSTALLATION. CASINGS MUST BE REMOVED DURING CONCRETE BACKFILL PLACEMENT. CONCRETE BACKFILL MUST BE PLACED WITH A TREMIE WHEN SLURRY OR WATER IS PRESENT WITHIN THE EXCAVATION.

CONTRACTOR MUST BE FAMILIAR WITH THE COMPLETE SOIL INVESTIGATION REPORT AND BORINGS, AND CONTACT THE GEOTECHNICAL FIRM (IF NECESSARY) TO UNDERSTAND THE SOIL CONDITIONS AND THE POSSIBILITY OF GROUND WATER PUMPING AND EXCAVATION STABILIZATION OR BRACING DURING PRECAST BASE INSTALLATION AND PLACEMENT OF CONCRETE BACKFILL.

CONCRETE:
CONCRETE SHALL BE AIR-ENTRAINED AND HAVE A MINIMUM COMPRESSIVE DESIGN STRENGTH AT 28 DAYS OF 3,000 PSI. 3,000 PSI CONCRETE SPECIFIED FOR EARLY POLE ERECTION. ACTUAL REQUIRED MINIMUM ALLOWABLE CONCRETE STRENGTH IS 1,000 PSI. ALL PIERS AND CONCRETE BACKFILL MUST BEAR ON AND AGAINST FIRM UNDISTURBED SOIL.

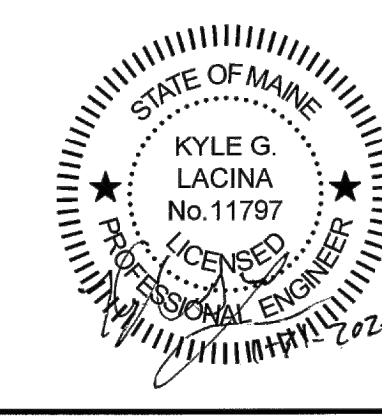
GENERAL NOTES:
FIXTURES MUST BE LOCATED TO MAINTAIN 10'-0" MINIMUM HORIZONTAL CLEARANCE FROM ANY OBSTRUCTION. ENGINEER MUST BE NOTIFIED IF FOUNDATIONS ARE NEAR ANY RETAINING WALLS OR WITHIN NEAR ANY SLOPES STEEPER THAN 3H:1V. POLES, FIXTURES, PRECAST BASES, ELECTRICAL ITEMS AND INSTALLATION PER MUSCO LIGHTING.

**SHERI GAGNON
MEMORIAL PARK TENNIS
COURT LIGHTING
RAYMOND, ME**

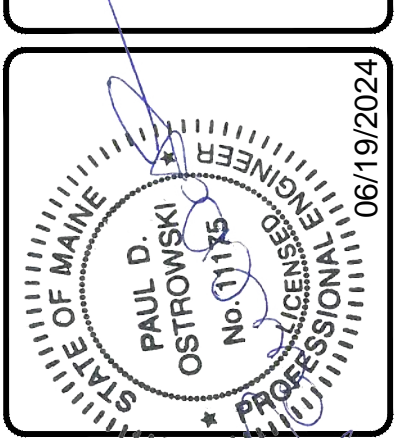


STRUCTURAL ENGINEERS, P.C.
114 NICHOLAS DRIVE
MUSCO LIGHTING TOWN, IOWA 50158
CORPORATE, 100 1/2 AVE WEST
OSWALDO, IA 52577
EMAIL: NSL.INFO@SEPC.BIZ
(562) 823-6620

DRAWING TITLE: POLE AND FOUNDATION NOTES: SEE PLAN	PROJECT NUMBER: 225091
DATE: 31 JANUARY 2024	DRAWING NUMBER: C1
OF ONE	



ISSUED FOR PERMITTING



C	OAM	06/20/2024	RESUBMITTED FOR TOWN REVIEW
B	OAM	03/14/2024	SUBMITTED FOR TOWN REVIEW
A	OAM	03/11/2024	ISSUED FOR CLIENT REVIEW
REV.	BY:	DATE:	STATUS:

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SEBAGO
TECHNICALS
75 John Roberts Rd.
South Portland, ME 04106
Tel. 207-200-2100

DETAILS 2
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DESIGNED	JSH / MRB
DRAWN	RGL
CHECKED	OAM
DATE	11-13-2023
SCALE	NTS
PROJECT	05424-01