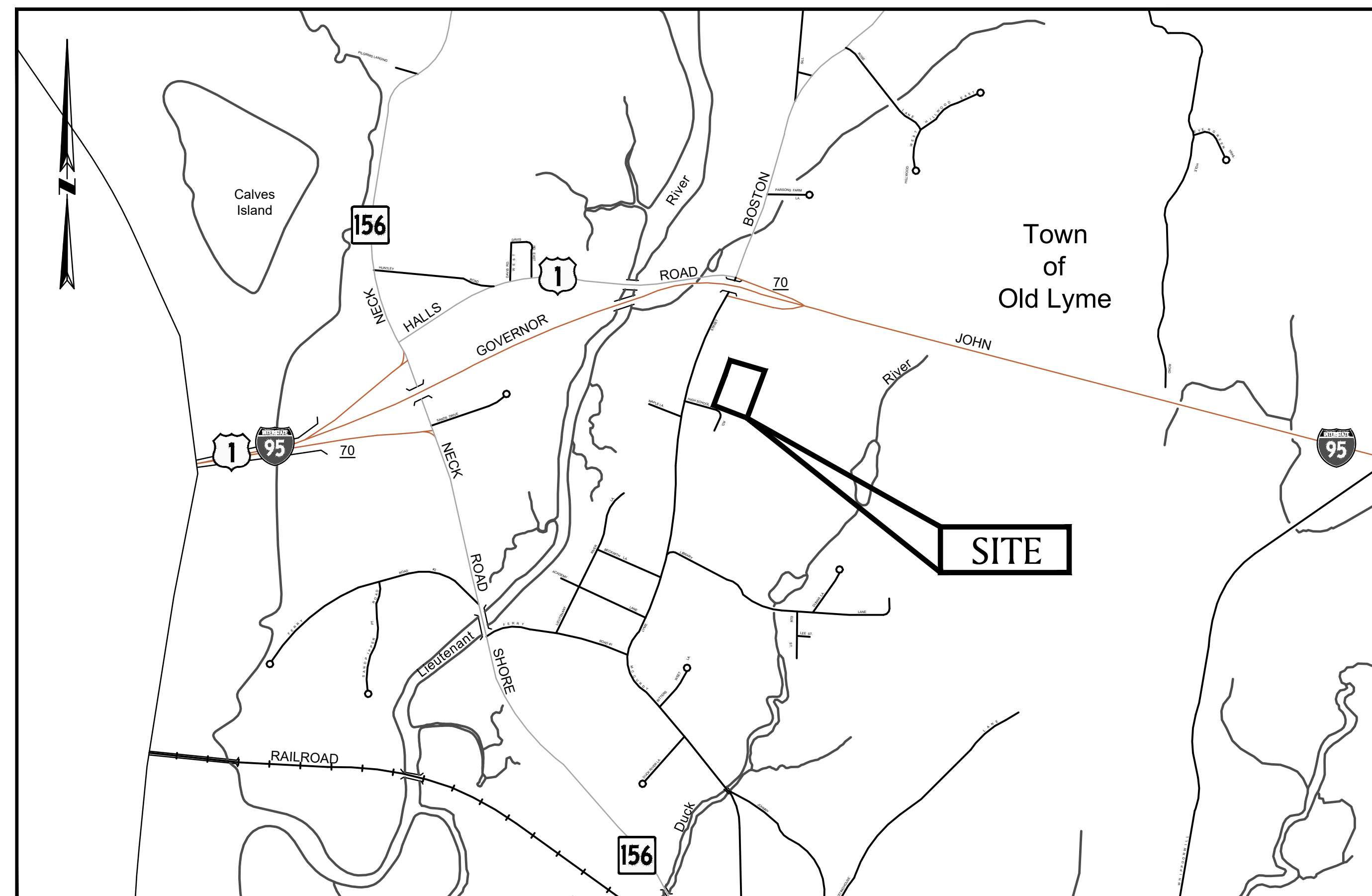


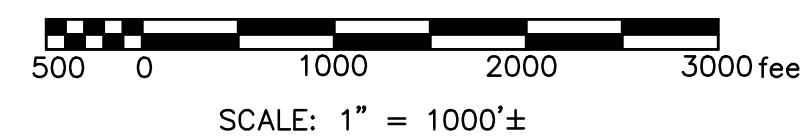
HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET
OLD LYME

JANUARY 3, 2020



LOCUS MAP



INDEX OF DRAWINGS

Sheet Number	Sheet Title
T-1.0	COVER SHEET
E-1.0	EXISTING CONDITIONS PLAN
L-1.0	SITE PREPARATION PLAN
L-2.0	SITE PLAN
L-3.0	GRADING AND DRAINAGE PLAN
L-4.0	DETAILS
L-4.1	DETAILS
L-4.2	DETAILS

PREPARED FOR:

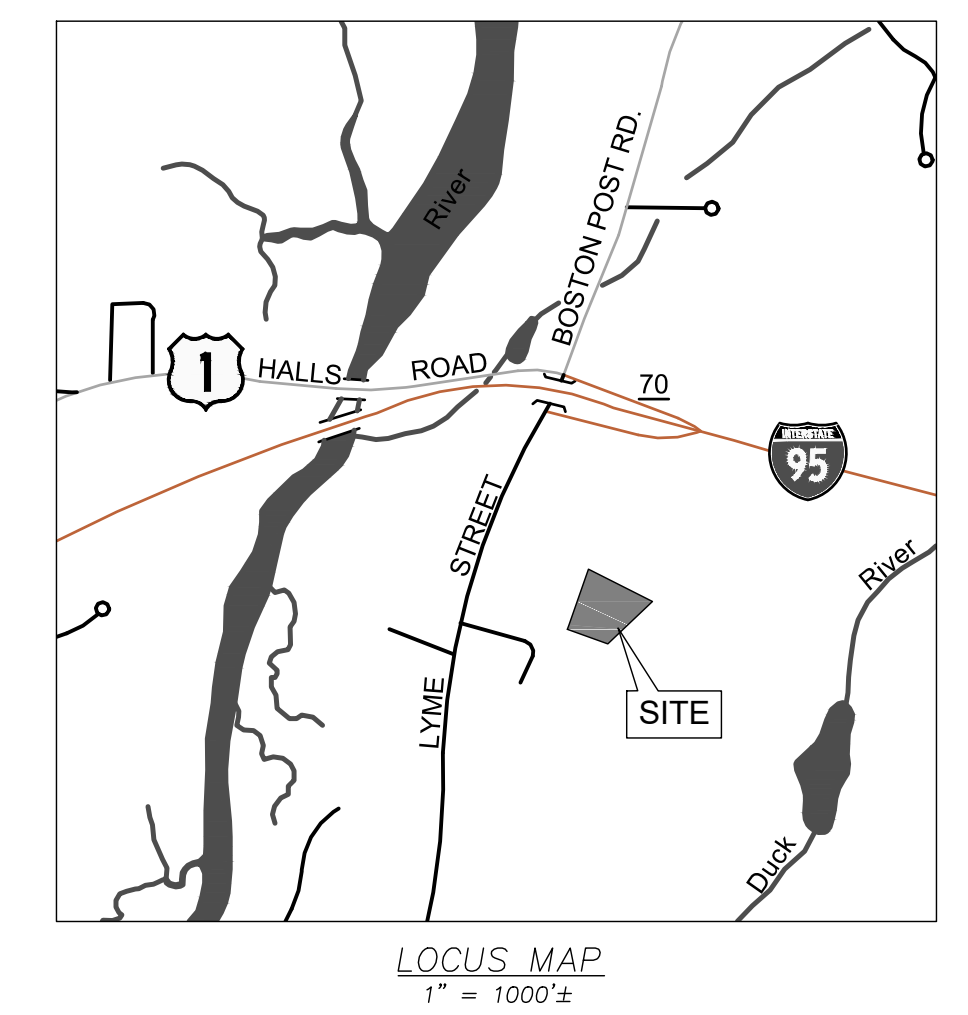
REGIONAL SCHOOL DISTRICT NO.18
49 LYME STREET
OLD LYME, CT 06371

PREPARED BY:

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Glastonbury, Connecticut 06033
860 652 8227



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MICHAEL C. HEALEY, P.L.S. No. 17247

HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET
IN
OLD LYME CONNECTICUT

EXISTING CONDITIONS PLAN

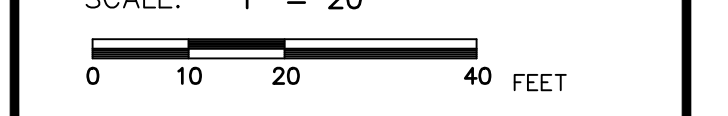
JANUARY 3, 2020

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REGIONAL SCHOOL DISTRICT NO.18
49 LYME STREET
OLD LYME, CT 06371

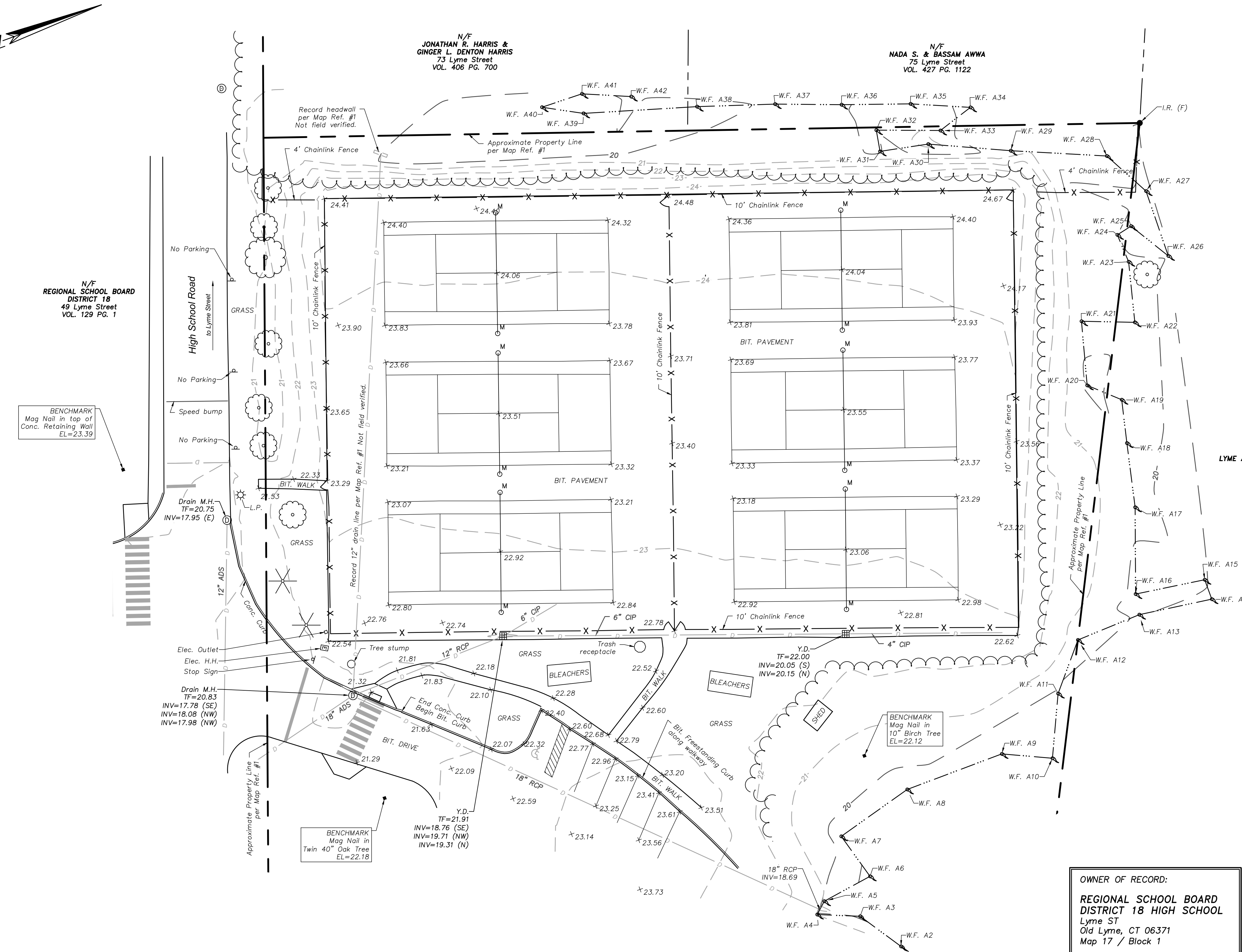
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JOB. NO: 83759.00

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LEGEND

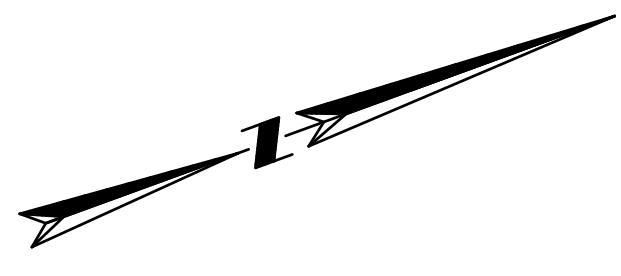
●	IRON ROD	ADS	PLASTIC STORM PIPE
⊕	YARD DRAIN	CIP	CAST IRON PIPE
⊙	STORM DRAINAGE MANHOLE	ELEC.	ELECTRIC
⊕	ELECTRIC HAND HOLE	H.H.	HANDHOLE
○	METAL POST	M.H.	MANHOLE
⊕	LIGHT POLE	Y.D.	YARD DRAIN
⊕	SIGN	I.R.	IRON ROD
⊕	WETLANDS FLAG	W.F. A9	WETLAND FLAG #
⊕	DECIDUOUS TREE	—	STORM DRAINAGE PIPES
⊕	CONIFER TREE	—	FENCE, CHAINLINK
⊕	BITUMINOUS	—	WALL, STONE
RCP	REINFORCED CONCRETE PIPE	—	BOUNDARY, WETLANDS

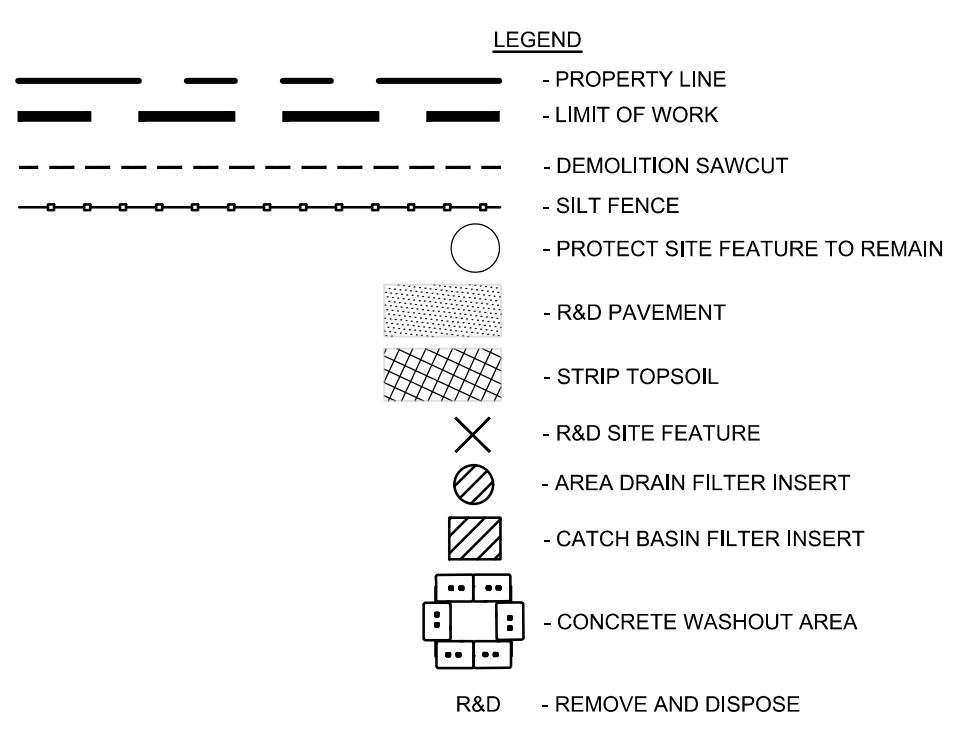
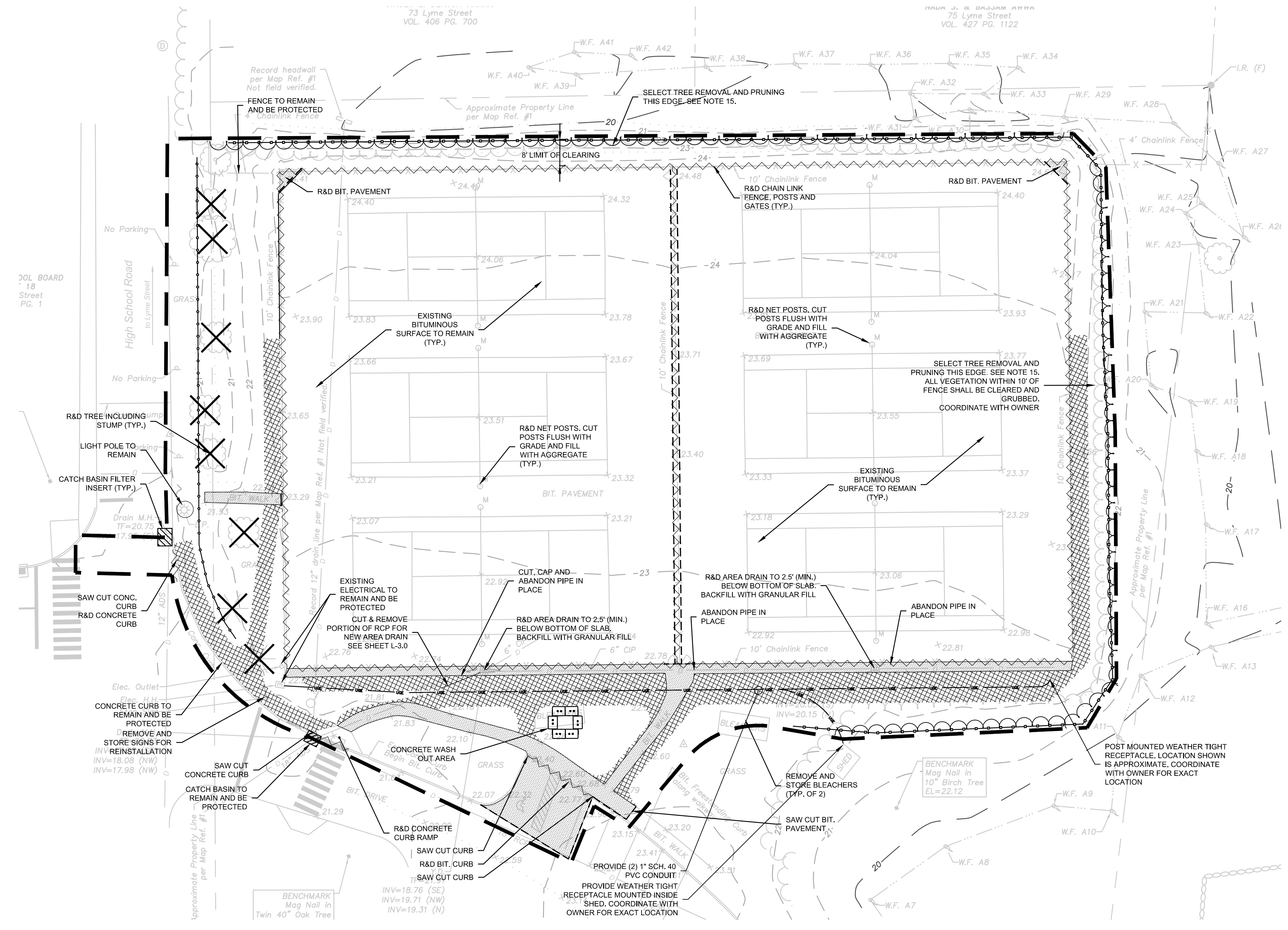
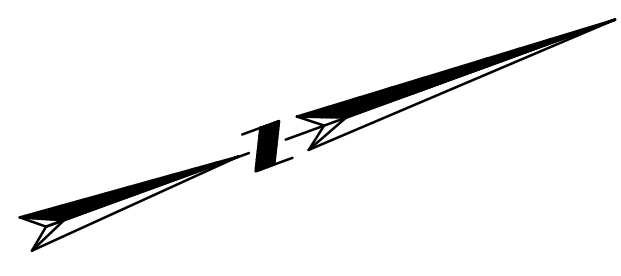
SURVEY NOTES

- THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
- TOPOGRAPHIC ACCURACY CONFORMS WITH T-2 STANDARDS AND IS BASED ON AN ACTUAL FIELD SURVEY.
- THIS IS NOT A PROPERTY SURVEY.
- THE INTENT OF THIS SURVEY AND PLAN: EXISTING CONDITIONS FOR IMPROVEMENT PLANNING.
- THE FIELD SURVEY WAS PERFORMED ON THE GROUND BY BSC GROUP ON DEC. 18, 2019.
- THE VERTICAL DATUM SHOWN IS BASED UPON NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD88), THE REFERENCE MERIDIAN (NORTH ARROW) SHOWN IS BASED UPON NORTH AMERICAN DATUM OF 1983 (NAD83), BOTH HORIZONTAL AND VERTICAL DATUMS ARE DETERMINED FROM RTK/G.P.S.
- EXISTING UTILITIES, WHERE SHOWN HEREON, ARE APPROXIMATE. NO GUARANTEE IS IMPLIED OR INTENDED AS TO THE ACCURACY, LOCATION OR THAT ALL UTILITIES AND/OR SUBSURFACE STRUCTURES ARE SHOWN. CONSULT WITH THE APPROPRIATE UTILITY COMPANY OR AGENCY PRIOR TO DESIGNING IMPROVEMENTS, COMMENCING DEMOLITION OR CONSTRUCTION. "CALL BEFORE YOU DIG" 1-800-922-4455.

MAP REFERENCES:

- "PROPERTY SURVEY AND EXISTING CONDITIONS PLAN PROPERTY OF REGIONAL SCHOOL DISTRICT NUMBER 18 LYME STREET OLD LYME, CONNECTICUT" DATE: JANUARY 10, 2006 SCALE: 1"=40' SHEET 2 OF 5 PREPARED BY DICESARE BENTLEY





- NOTES:**
- THIS PLAN IS FOR SITE PREPARATION ONLY. SEE OTHER PLANS FOR THE SCOPE OF CONSTRUCTION WORK.
 - DO NOT PROCEED WITH THE WORK UNTIL ALL E&S CONTROL MEASURES ARE IN-PLACE AND HAVE BEEN INSPECTED AND APPROVED BY THE ENGINEER.
 - THE MEASURES SPECIFIED HEREON ARE THE MINIMUM REQUIREMENTS FOR E&S CONTROL AND ARE SHOWN IN GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL E&S CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS. PROVIDE ADDITIONAL E&S MEASURES AS REQUIRED TO CONTROL EROSION AND SILTATION THROUGHOUT THE DURATION OF THE CONSTRUCTION AS CONDITIONS DICTATE AND/OR AS DIRECTED BY THE OWNER OR THE ENGINEER.
 - MONITOR AND INSPECT ALL E&S MEASURES IN AN ONGOING MANNER THROUGHOUT THE WORK AND TAKE CORRECTIVE MEASURES, AS REQUIRED, TO MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS.
 - ANY EROSION AND SEDIMENTATION MEASURE IMPLEMENTED BEYOND THAT SHOWN HEREON SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT'S 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
 - ANY STOCKPILED MATERIAL SHALL BE SUBJECT TO EROSION CONTROL MEASURES THAT INCLUDE A MINIMUM OF SILT FENCE OR HAY BALE BARRIER COVER STOCKPILES IF SIGNIFICANT RAINFALL IS PREDICTED.
 - PROVIDE TEMPORARY SEEDING WITH MULCH ON ALL EXPOSED SOIL AREAS WHERE WORK WILL BE SUSPENDED FOR LONGER THAN 30 DAYS. APPLY SEED

- AND MULCH WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK. WHEN SEEDING IS NOT POSSIBLE DUE TO SEASONAL WEATHER CONDITIONS OR OTHER FACTORS, PROVIDE TEMPORARY STRUCTURAL SOIL PROTECTION SUCH AS MULCH, WOODCHIPS, EROSION CONTROL MATTING, OR COMPOST.
- ALL TEMPORARY SLOPES IN EXCESS OF 3 (HORIZONTAL) TO 1 (VERTICAL) SHALL BE STABILIZED WITH EROSION CONTROL MATTING OR APPROVED EQUIVALENT.
- NO RUNOFF SHALL BE ALLOWED TO ENTER ANY STORMWATER SYSTEM OR EXIT THE SITE PRIOR TO TREATMENT FOR SEDIMENT REMOVAL.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS. ALL TRASH SHALL BE CLEANED ON A DAILY BASIS AND THE SITE SHALL BE LEFT IN A NEAT CONDITION AT THE END OF EACH WORK DAY.
- TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS AND ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION, CONTROL, AND RESPONSE.
- FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER AND MAINTAIN ADEQUATE MOISTURE LEVELS.
- SWEEP ADJACENT ROADWAYS IF MUD OR SOIL IS TRACKED ON TO THEM, OR AS DIRECTED BY THE ENGINEER. SHOULD THE CONSTRUCTION ENTRANCE FAIL TO PREVENT THE TRACKING OF SOILS OR SEDIMENT OFF OF THE PROJECT SITE, A WASHING RACK SHALL BE INSTALLED ALONG WITH APPROPRIATE MEASURES TO COLLECT RESULTING WASTEWATER.
- DRAINAGE STRUCTURE FILTER INSERTS SHALL BE INSTALLED AND CLEANED/CHANGED PER THE MANUFACTURER'S RECOMMENDATIONS. UNITS SHALL BE INSTALLED COMPLETELY AROUND INLETS OF EXISTING AND PROPOSED DRAINAGE STRUCTURES SUCH THAT NO RUNOFF IS ALLOWED TO ENTER DRAINAGE SYSTEMS WITHOUT FILTERING THROUGH THE DEVICE.
- ALL VEGETATION WITH 8' OF WEST FENCE LINE AND 10' OF NORTH FENCE LINE SHALL BE CLEARED AND GRUBBED. ADDITIONAL CLEARING MAY BE REQUIRED TO FACILITATE THE WORK. BRANCHES THAT ENCRUSH OVER THE TOP OF THE COURTS SHALL BE PRUNED BACK TO OUTSIDE THE LIMITS OF COURTS AT A MINIMUM AND TO THE TRUNK WHERE PRACTICAL. FOLLOW ALL ARBORICULTURAL STANDARDS AND PRACTICES. WORK SHALL BE PERFORMED BY CT-LICENSED ARBORIST, COORDINATE WITH OWNER.



JESSE HARRIS, PLA No. 1224

HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET
IN
OLD LYME CONNECTICUT

SITE PREPARATION PLAN

JANUARY 3, 2020

REVISIONS:

PREPARED FOR:
REGIONAL SCHOOL DISTRICT NO.18
49 LYME STREET
OLD LYME, CT 06371

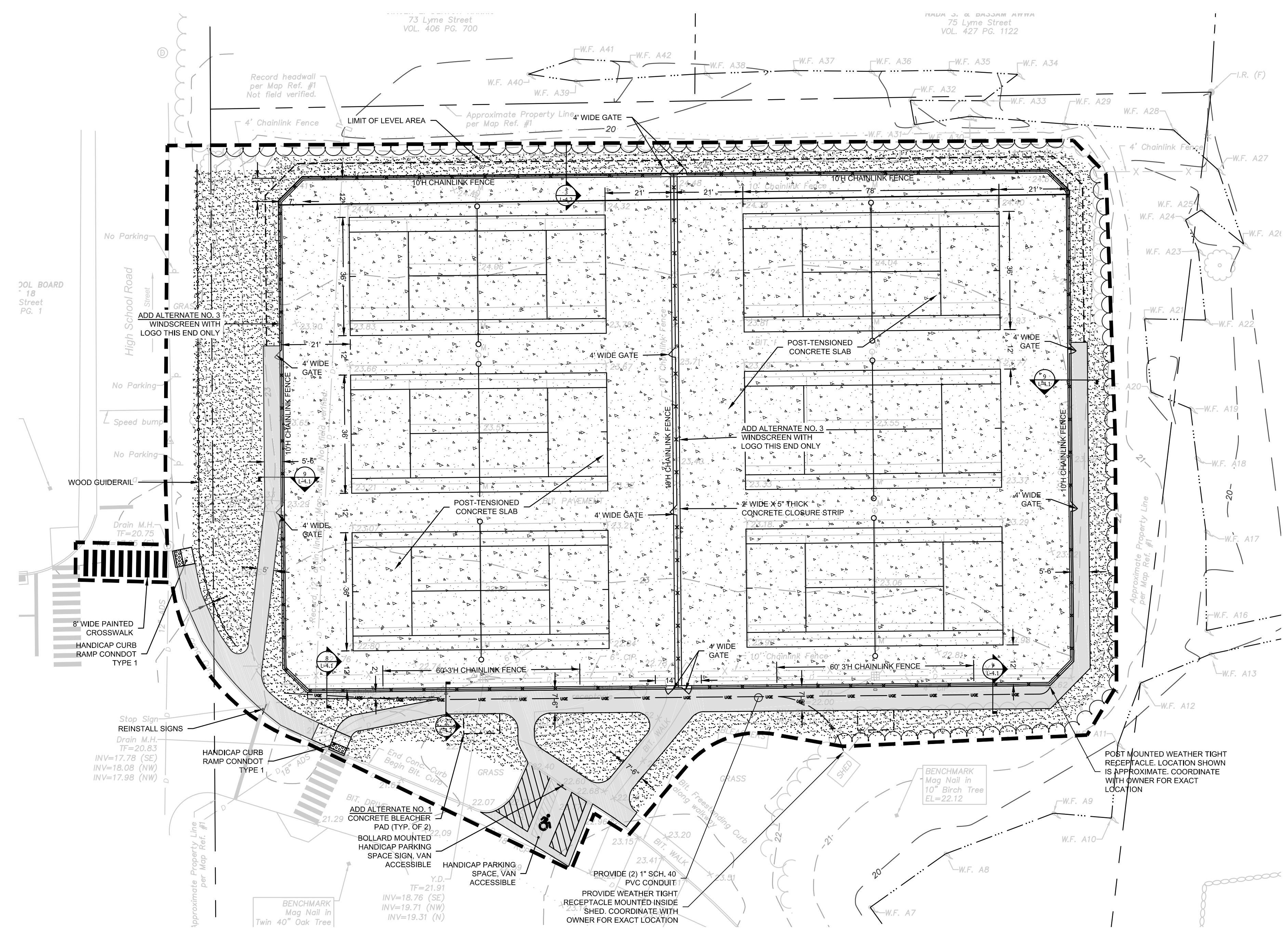
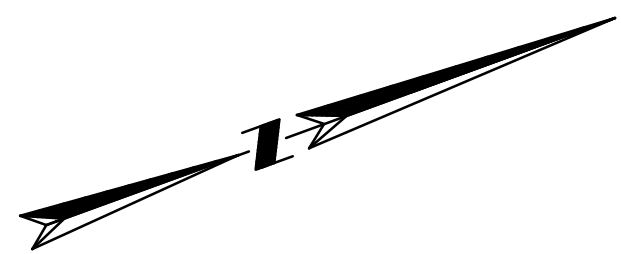
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0 10 20 40 FEET

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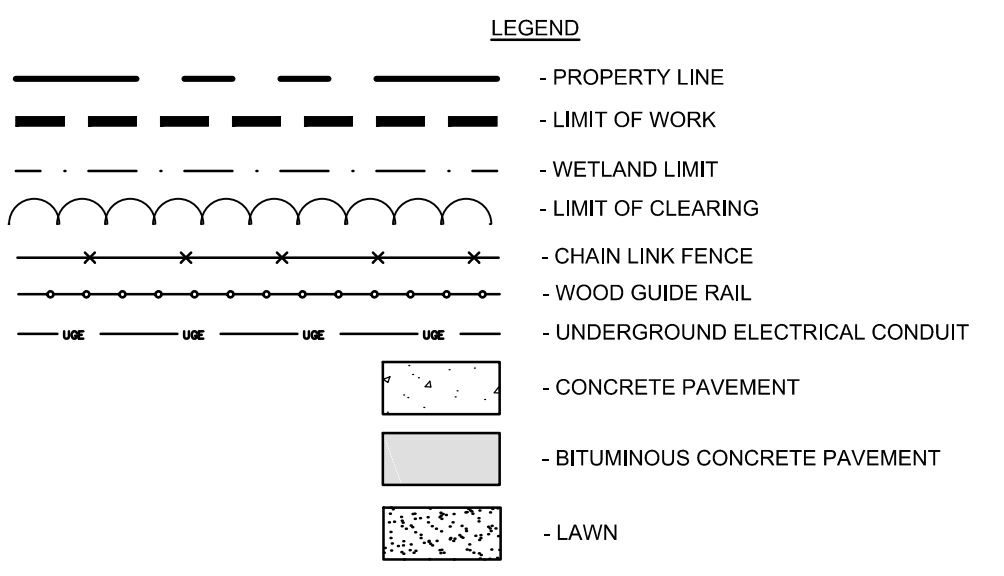
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- ELECTRICAL NOTES:**
- ALL EXISTING SUBSURFACE UTILITIES, STRUCTURES AND SITE ELEMENTS TO REMAIN, SHALL BE PROTECTED FROM DAMAGE. ANY DAMAGE TO EXISTING SITE ELEMENTS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
 - ALL ELECTRICAL WORK SHALL BE COMPLETED BY A CT-LICENSED ELECTRICIAN. COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. COORDINATE AND ACCOMMODATE THE INSPECTION OF ALL ELECTRICAL WORK WITH AUTHORITIES HAVING JURISDICTION. ALL ELECTRICAL COMPONENTS SHALL BE WATERTIGHT, NEMA 6P.
 - CONDUIT: RIGID PVC ELECTRICAL CONDUIT, NEMA TC 2 AND UL 651; FITTINGS AND CONDUIT BODIES: PVC TO MATCH CONDUIT, NEMA TC 3; PRIMER AND CEMENT ASTM F656/ASTM D2564.
 - COORDINATE WITH OWNER TO LOCATE THE EXISTING ELECTRICAL LINE. THIS LOCATION MAY BE SUBJECT TO FLOODING. ALL COMPONENTS OF THE SYSTEM SHALL BE WATERTIGHT. WHERE EXISTING WORK IS NOT WATERPROOF, PROVIDE SINGLE-COMPONENT, GUN-GRADE 100% SILICONE SEALANT OR WATERPROOF CABLE GLAND TO ISOLATE NEW WORK AND PREVENT WATER INTRUSION. PROVIDE SHOP DRAWINGS OF ALL PROPOSED CONNECTIONS FOR ENGINEER AND OWNER'S APPROVAL.

- NOTES:**
- NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AND VERIFY UTILITY MARK-OUT WITH THE OWNER PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION AND INVERTS AS REQUIRED.
 - NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
 - THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
 - THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
 - IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY AND/OR THE POTENTIAL AND/OR ACTUAL RISK OF EXPOSURE TO SITE-SPECIFIC PHYSICAL OR CHEMICAL HAZARDS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
 - THIS DRAWING IS INTENDED TO DEPICT THE LOCATION, LAYOUT, AND MATERIALS OF CONSTRUCTION AND IS INTENDED TO BE USED IN CONJUNCTION WITH THE DETAILS AND APPLICABLE SPECIFICATION SECTIONS.
 - ENGAGE A CONNECTICUT-LICENSED LAND SURVEYOR TO PERFORM LAND-SURVEYING SERVICES REQUIRED, INCLUDING, BUT NOT LIMITED TO VERIFICATION AND LAYOUT OF PROPOSED IMPROVEMENTS, DIMENSIONS, AND ELEVATIONS. REPORT DISCREPANCIES TO THE ENGINEER.
 - UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH SIX (6) INCHES OF LOAM, SEEDED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED. BLEND RESTORED AREAS INTO ADJACENT UNDISTURBED AREAS.



- ALL CURBING IS BITUMINOUS CONCRETE UNLESS OTHERWISE INDICATED. WHERE CURBING IS CALLED-FOR ADJACENT TO SIDEWALKS, IT SHALL BE MONOLITHIC CONCRETE CURB AND SIDEWALK PER APPLICABLE DETAILS.
- THE CROSS-SLOPE OF ANY SIDEWALK, WALKWAY, OR OTHER PEDESTRIAN SURFACE SHALL NOT BE STEEPER THAN 1:48 (2%).
- ACCESSIBLE ROUTES SHALL COMPLY WITH CONNECTICUT BUILDING CODE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48 (2%).
- RAMPS SHALL COMPLY WITH CT BUILDING CODE, REF. 2012 IBC SECTION 1010 AND ICC/ANSI A117.1 2009 CHAPTER 4, SECTION 405.
- CONSTRUCTION JOINTS: REINFORCEMENT SHALL NOT CONTINUE THROUGH CONSTRUCTION JOINTS.
- PRIOR TO INITIATION OF CONCRETE FLATWORK, SUBMIT PROPOSED CONSTRUCTION JOINT PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL. COORDINATE SUCH PLAN WITH THE JOINT PATTERNS DEPICTED ON THE DRAWINGS.
- UNLESS OTHERWISE SPECIFIED, MISCELLANEOUS CONCRETE PADS SHALL BE CONSTRUCTED PER SIDEWALK DETAIL.
- ALL NON-ACCESSIBLE PARKING SPACES ARE 9' X 18'. VERIFY OVERALL LAYOUT DIMENSIONS BASED ON THESE DIMENSIONS AND THE NUMBER OF SPACES INDICATED. FIELD-ADJUST OVERALL LAYOUT DIMENSION IN CONCERT WITH THE ENGINEER IF REQUIRED.
- DIMENSIONS INDICATED ARE TO FACE OF CURB, PAVEMENT EDGE, EDGE OR CENTERLINE OF IMPROVEMENT, OR AS OTHERWISE NOTED.
- PROVIDE FOR THE LAYOUT AND STAKING/MARKING OF THE PROPOSED LOCATION OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING FURNISHINGS. OBTAIN ENGINEER'S APPROVAL OF THE LAYOUT PRIOR TO PROCEEDING WITH THE WORK.
- UNLESS OTHERWISE INDICATED, LINES ARE PARALLEL OR PERPENDICULAR TO LINE FROM WHICH THEY ARE MEASURED.

- ALTERNATES**
- CONCRETE BLEACHER PADS
 - PORTABLE BLEACHERS
 - WIND SCREEN WITH LOGO

ISSUED FOR BID



JESSE HARRIS, PLA No. 1224

HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET
IN
OLD LYME CONNECTICUT

SITE PLAN

JANUARY 3, 2020

REVISIONS:

NO.	DESCRIPTION

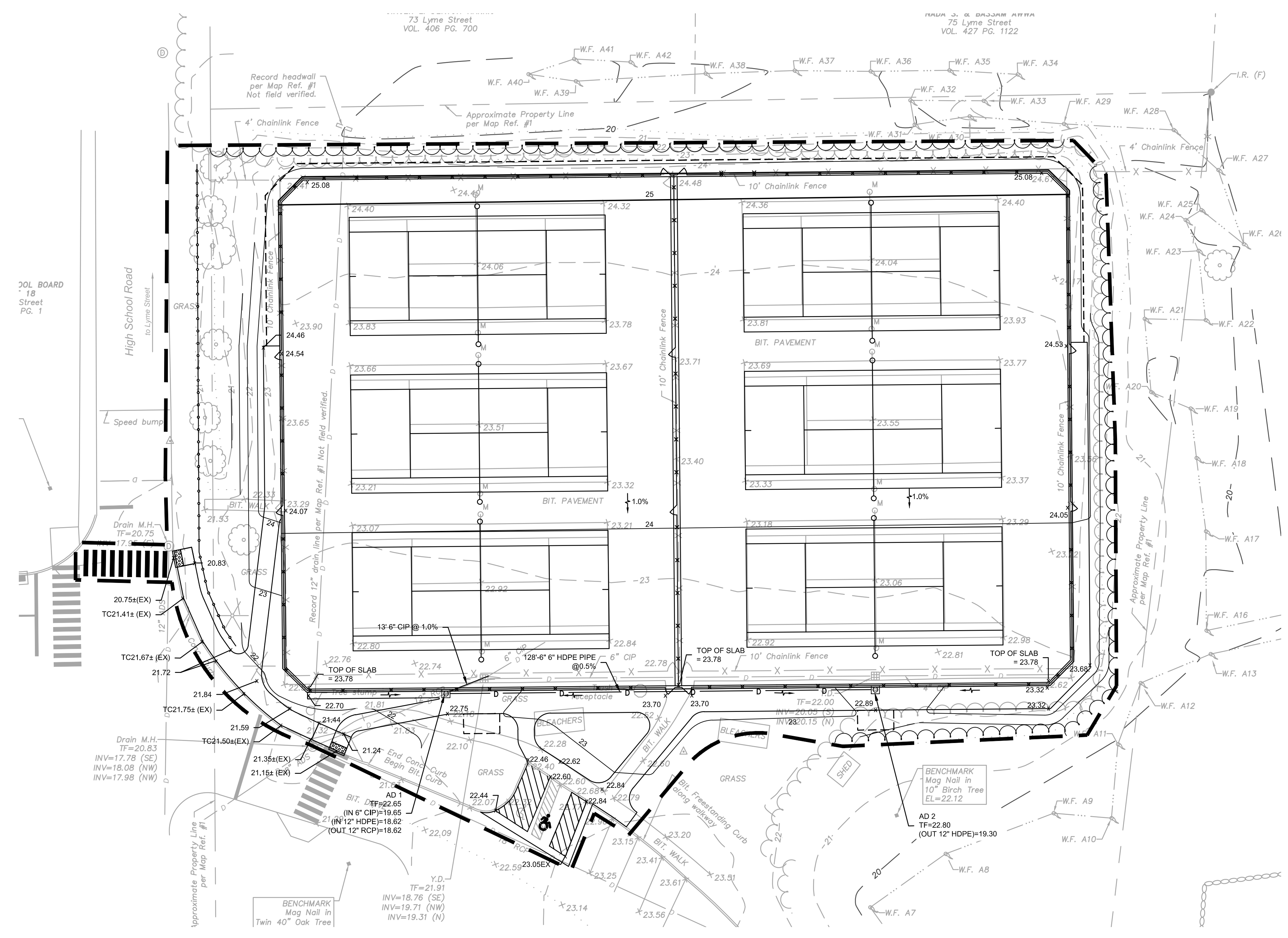
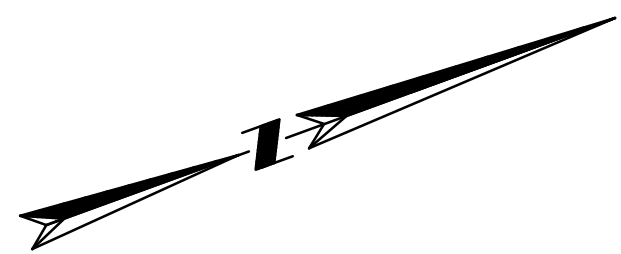
PREPARED FOR:
REGIONAL SCHOOL DISTRICT NO.18
49 LYME STREET
OLD LYME, CT 06371

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FILE: 8375900-BASE.DWG
DWG. NO:
JOB. NO: 83759.00

L-2.0



COL. BOARD
18
Street
Pg. 1

Speed bump

Drain M.H.
TF=20.83
INV=17.78 (SE)
INV=18.08 (NW)
INV=17.98 (NW)

Drain M.H.
TF=20.83
INV=17.78 (SE)
INV=18.08 (NW)
INV=17.98 (NW)

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- WETLAND LIMIT
- LIMIT OF CLEARING
- CHAIN LINK FENCE
- WOOD GUIDE RAIL
- TOPOGRAPHY, MAJOR INTERVAL
- TOPOGRAPHY, MINOR INTERVAL
- STORM DRAINAGE PIPE
- AREA DRAIN (AD)
- DRAINAGE SLOPE DIRECTION
- SPOT GRADE

NOTES

1. CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-422-4455) AND VERIFY UTILITY MARK-OUT WITH THE OWNER PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION AND INVERTS AS REQUIRED.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY AND ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
4. THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
5. THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. DO NOT PROCEED WITH ANY ADJUSTMENT OR FIELD MODIFICATION UNTIL APPROVED BY THE ENGINEER. ENSURE COMPLIANCE WITH CONNECTICUT BUILDING CODE FOR ALL NEW CONSTRUCTION.
6. ENGAGE A CONNECTICUT-LICENSED LAND SURVEYOR TO PERFORM LAND-SURVEYING SERVICES REQUIRED, INCLUDING, BUT NOT LIMITED TO VERIFICATION AND LAYOUT OF PROPOSED IMPROVEMENTS, DIMENSIONS, AND ELEVATIONS. REPORT DISCREPANCIES TO THE ENGINEER.
7. UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH SIX (6) INCHES OF LOAM, SEEDED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED. BLEND RESTORED AREAS INTO ADJACENT UNDISTURBED AREAS.
8. PROPOSED GRADES INDICATE DESIGN INTENT. VERIFY ELEVATIONS AND MAKE ADJUSTMENTS TO MEET FIELD CONDITIONS. DO NOT PROCEED WITH ANY ADJUSTMENT OR FIELD MODIFICATION UNTIL APPROVED BY THE ENGINEER.
9. VERIFY ALL GRADES AND SLOPES PRIOR TO CONCRETE PLACEMENT. REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
10. COMPLY WITH CONNECTICUT BUILDING CODE FOR ALL SITE CONSTRUCTION, INCLUDING HANDICAPPED ACCESSIBILITY.
11. THE CROSS-SLOPE OF ANY SIDEWALK, WALKWAY, OR OTHER PEDESTRIAN SURFACE SHALL NOT BE STEEPER THAN 1:48 (2%).
12. ACCESSIBLE ROUTES SHALL COMPLY WITH CONNECTICUT BUILDING CODE. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48 (2%). GRADING CONTOURS AND SPOT GRADES INDICATE DESIGN INTENT. CONFIRM THE GRADE AND SLOPE OF NEW WORK BASED ON ACTUAL FIELD CONDITIONS BEFORE PROCEEDING WITH INSTALLATION. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING.
13. RAMPS SHALL COMPLY WITH CT BUILDING CODE, REF. 2012 IBC SECTION 1010 AND ICC/ANSI A117.1 2009 CHAPTER 4, SECTION 405 AND 406. GRADING CONTOURS AND SPOT GRADES INDICATE DESIGN INTENT. CONFIRM THE GRADE AND SLOPE OF NEW WORK BASED ON ACTUAL FIELD CONDITIONS BEFORE PROCEEDING WITH INSTALLATION. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING.
14. DETECTABLE WARNINGS SHALL BE A MINIMUM OF 24-INCHES IN DEPTH. AT CURB RAMPS, DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH OF THE RAMP AND BE INSTALLED 6-INCHES FROM THE CURB LINE AT THE RAMP BASE.
15. GRADE TRANSITION BETWEEN TOPOGRAPHIC LINES AND SPOT GRADES SHALL BE UNIFORM UNLESS OTHERWISE INDICATED.
16. UNLESS OTHERWISE INDICATED, BLEND TRANSITIONS IN ELEVATION BETWEEN NEW WORK AND AREAS TO REMAIN AT A MAXIMUM SLOPE OF 1V:2H AND RESTORE WITH SIX (6) INCHES OF LOAM AND SEED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED. COORDINATE WITH ENGINEER IF DIMENSIONAL CONSTRAINTS REQUIRE STEEPER SLOPES.
17. THE TOPS, RIMS, FRAMES, GRATES, AND COVERS (AS APPLICABLE) OF ALL UTILITY STRUCTURES THAT ARE TO REMAIN SHALL BE ADJUSTED TO MATCH FINAL GRADE IN A FLUSH CONDITION. ALL NEW UTILITY STRUCTURES SHALL BE INSTALLED WITH TOPS, RIMS, FRAMES, GRATES, AND COVERS (AS APPLICABLE) TO FINAL GRADE IN A FLUSH CONDITION.
18. AT THE CONCLUSION OF THE WORK, CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT MATERIAL FROM ALL PORTIONS OF THE STORM DRAINAGE SYSTEM, INCLUDING NEW WORK AND EXISTING WORK THAT REMAINS OR IS INCORPORATED INTO THE NEW SYSTEM.

ISSUED FOR BID



JESSE HARRIS, P.E. No. 1224

HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET
IN
OLD LYME CONNECTICUT

GRADING AND DRAINAGE PLAN

JANUARY 3, 2020

REVISIONS:

NO.	DESCRIPTION

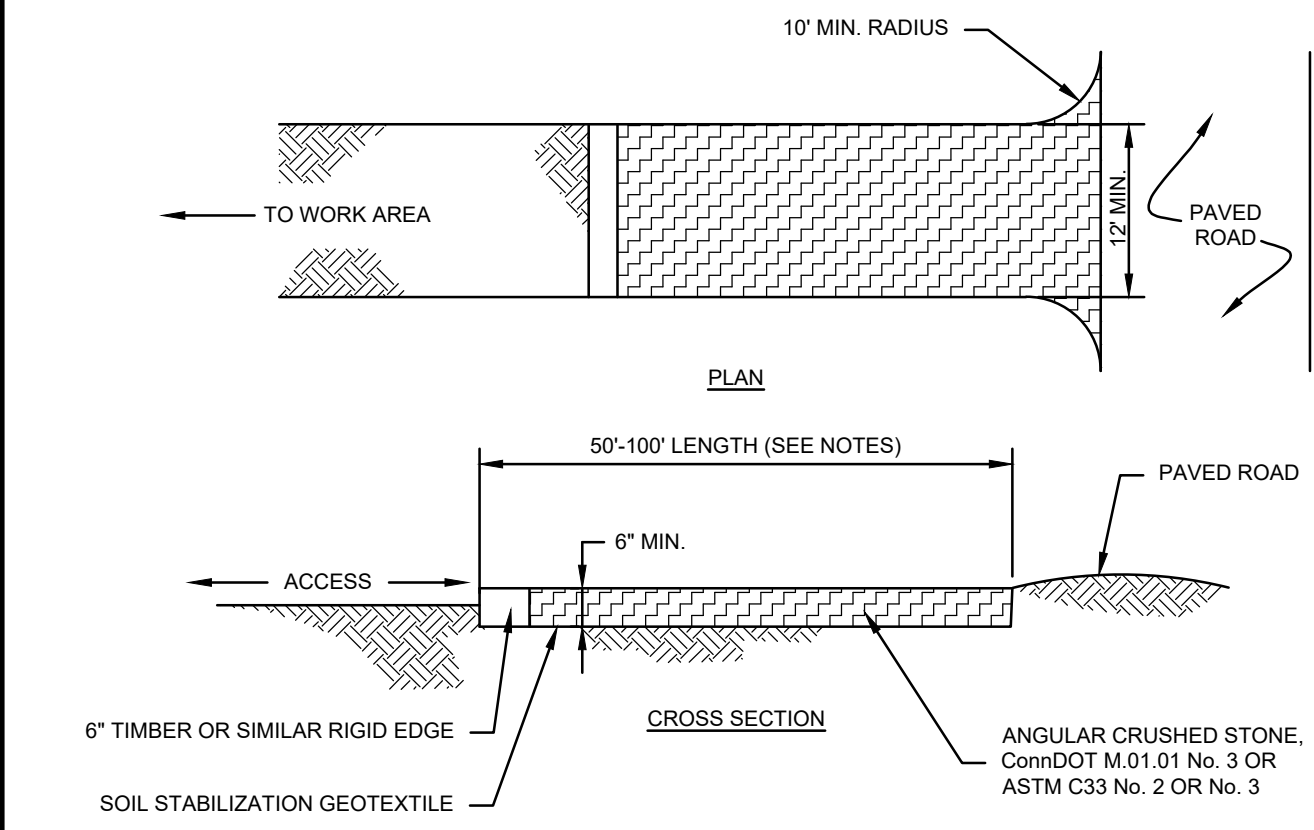
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0 10 20 40 FEET

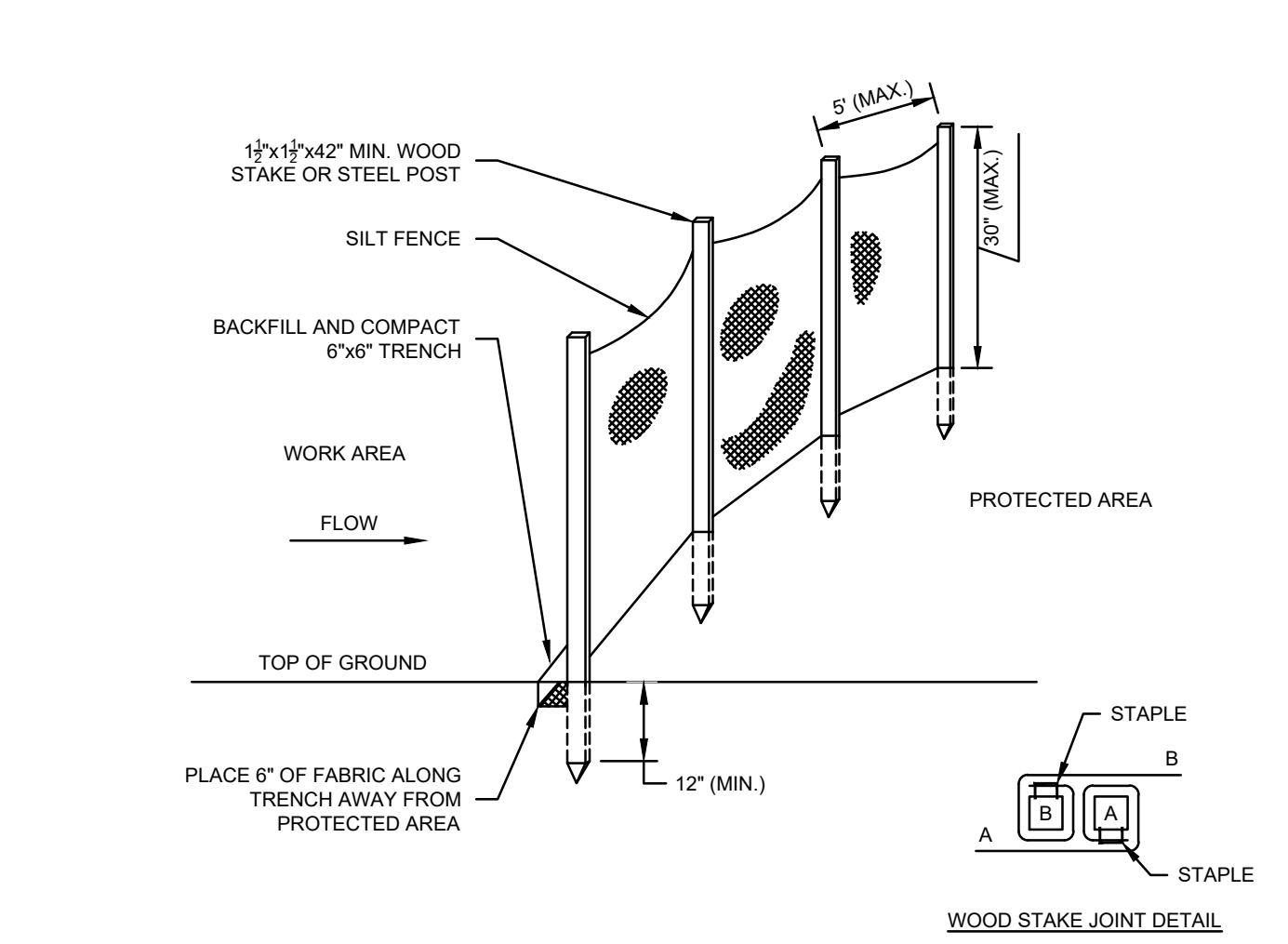
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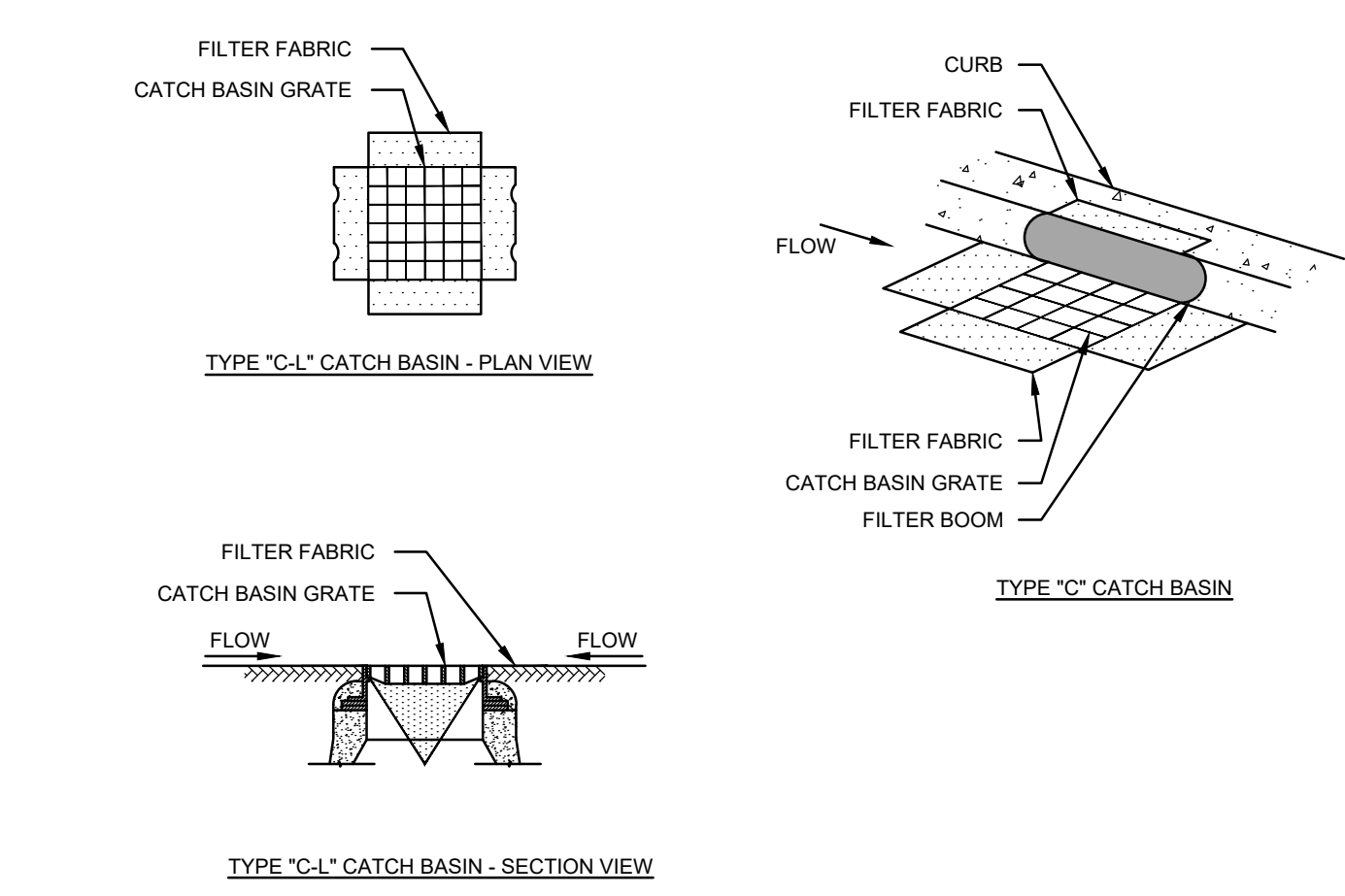
- NOTES:**
- REMOVE TOPSOIL AND ORGANICS PRIOR TO CRUSHED STONE PLACEMENT.
 - INSTALL SUB-BASE OF FREE DRAINING BACKFILL OR ROAD STABILIZATION GEOTEXTILE AS NECESSARY ON UNSTABLE SOILS.
 - LENGTH SHALL BE 50 FOOT MINIMUM. WHERE TRACKED SEDIMENTS CONTAIN LESS THAN 80% SAND, LENGTH SHALL BE 100 FOOT MINIMUM.
 - IF THE GRADE OF THE CONSTRUCTION ENTRANCE DRAINS TO THE PAVED SURFACE AND IT EXCEEDS 2% SLOPE, CONSTRUCT ENTRANCE AT LEAST 15 FEET FROM ITS ENTRANCE ONTO THE PAVED SURFACE WHILE DIVERTING RUN-OFF WATER TO A SETTLING OR FILTERING AREA.
 - CONSTRUCT ANY DRAINAGE AND SETTLING FACILITIES REQUIRED TO ACCOMMODATE VEHICLE WASHING OPERATIONS. DIVERT ALL WASH WATER AWAY FROM ENTRANCE TO THE SETTLING AREA.
 - MAINTAIN ENTRANCE IS A CONDITION THAT WILL PREVENT WASHING OF SEDIMENT ONTO PAVED SURFACES.

1 CONSTRUCTION ENTRANCE
SCALE: NONE



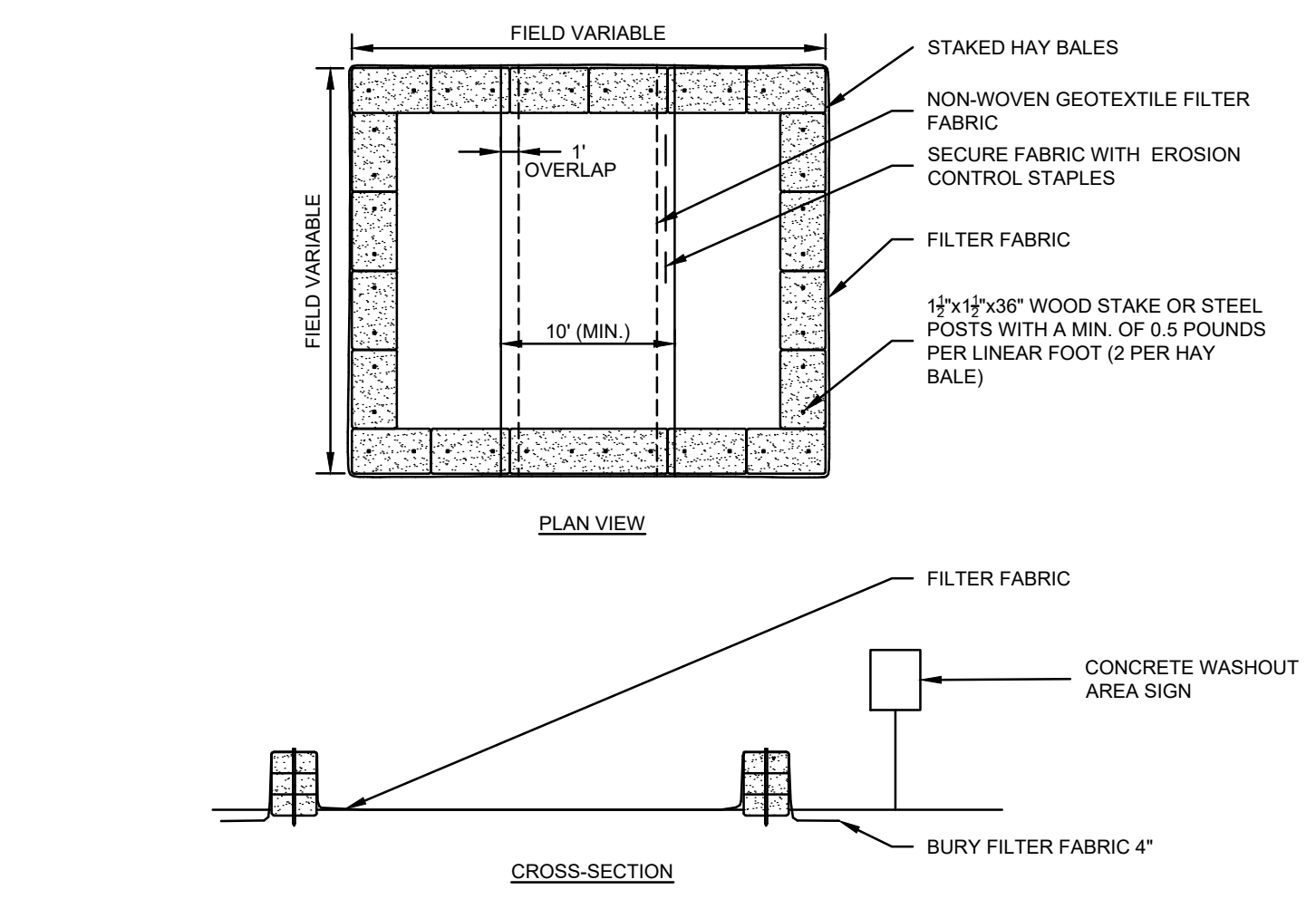
- NOTES:**
- FOR SLOPE & SWALE INSTALLATIONS, EXTEND FENCE ON SLOPE SUCH THAT BOTTOM ENDS OF FENCE WILL BE HIGHER THAN THE TOP OF THE LOWEST PORTION OF FENCE.
 - FOR FENCE INSTALLED ON LEVEL TERRAIN INSTALL WING SECTIONS PERPENDICULAR TO MAIN BARRIER AT 50'-100' INTERVALS.

2 SILT FENCE BARRIER
SCALE: NONE



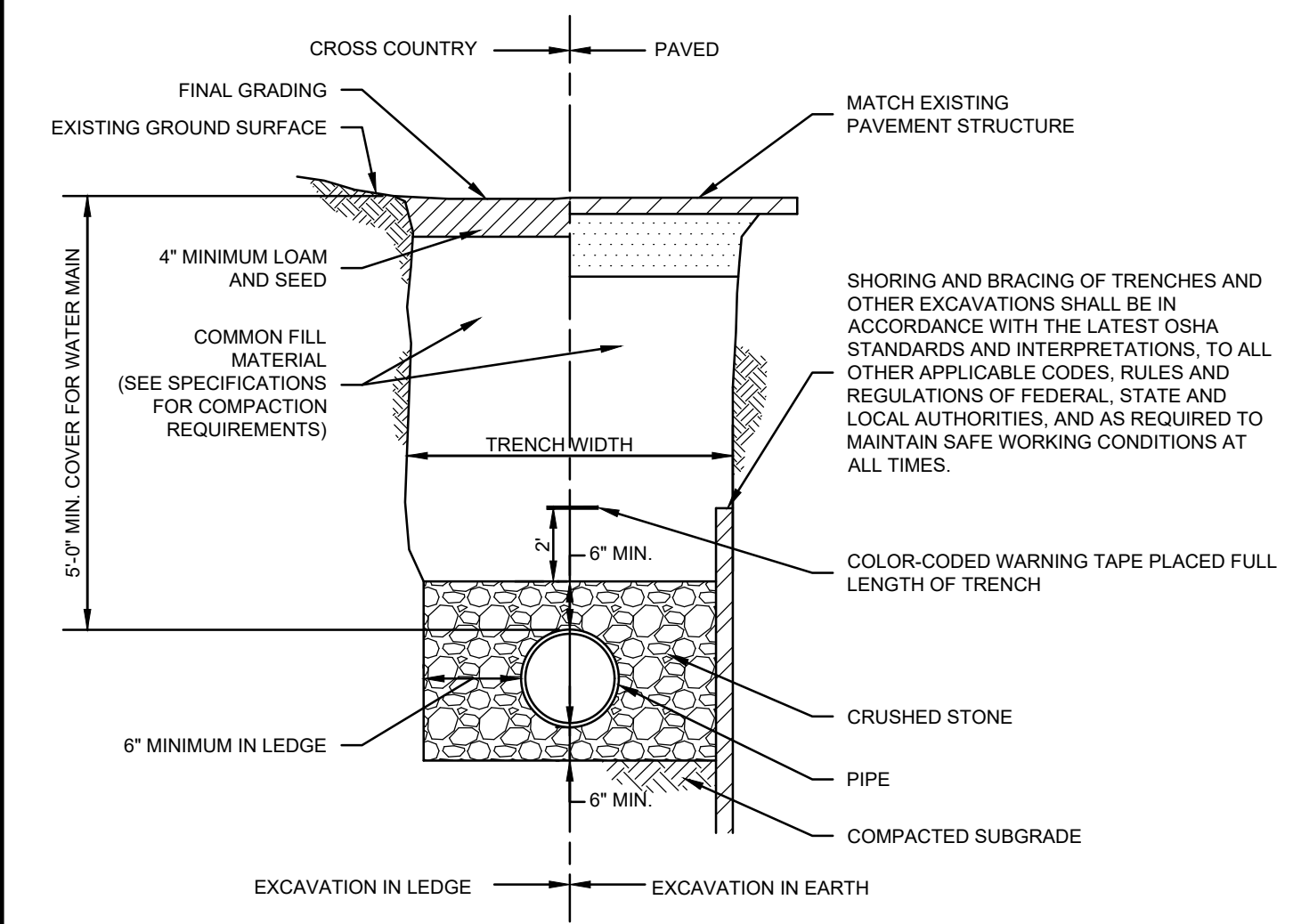
- GENERAL NOTES:**
- PROVIDE INLET PROTECTION TO ALL EXISTING CATCH BASINS IN THE VICINITY OF CONSTRUCTION. PROTECT NEW CATCH BASINS AS THEY ARE CONSTRUCTED.
 - GRATE TO BE PLACED OVER FILTER FABRIC.

3 CATCH BASIN FILTER INSERT
SCALE: NONE

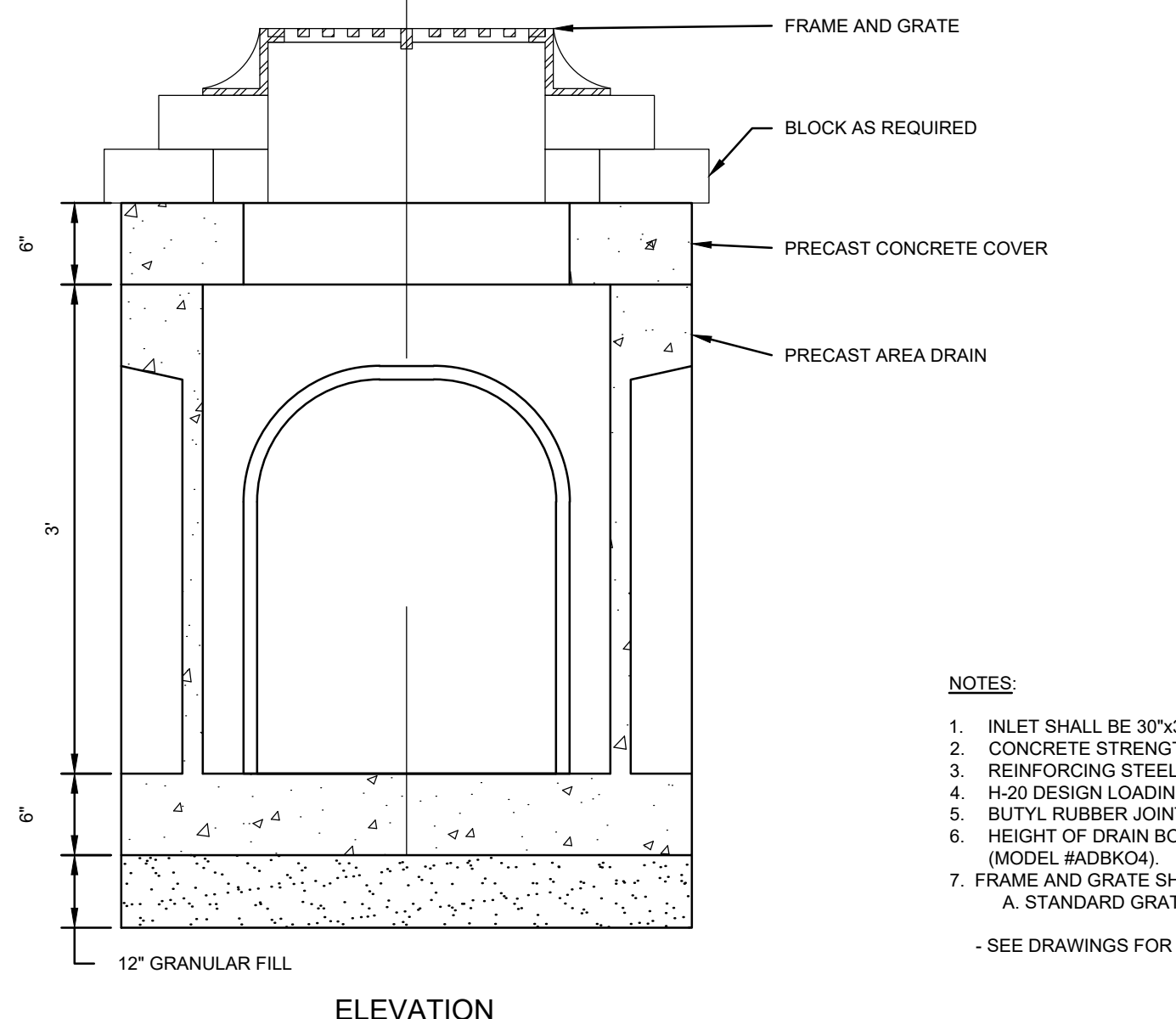


- NOTES:**
- CONSTRUCT WASHOUT AREA LARGE ENOUGH TO ENSURE MATERIALS WILL BE CONTAINED WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE AND EXCESS WATER CAN SAFELY EVAPORATE.
 - WASHOUT AREA SHALL BE LARGE ENOUGH TO RETAIN ALL LIQUID AND WASTE CONCRETE MATERIALS FROM WASHOUT OPERATION.
 - WEEKLY INSPECTIONS OF WASHOUT AREAS SHALL BE CONDUCTED TO ASSESS THE HOLDING CAPACITY AND FUNCTIONALITY OF THE WASHOUT AREA.

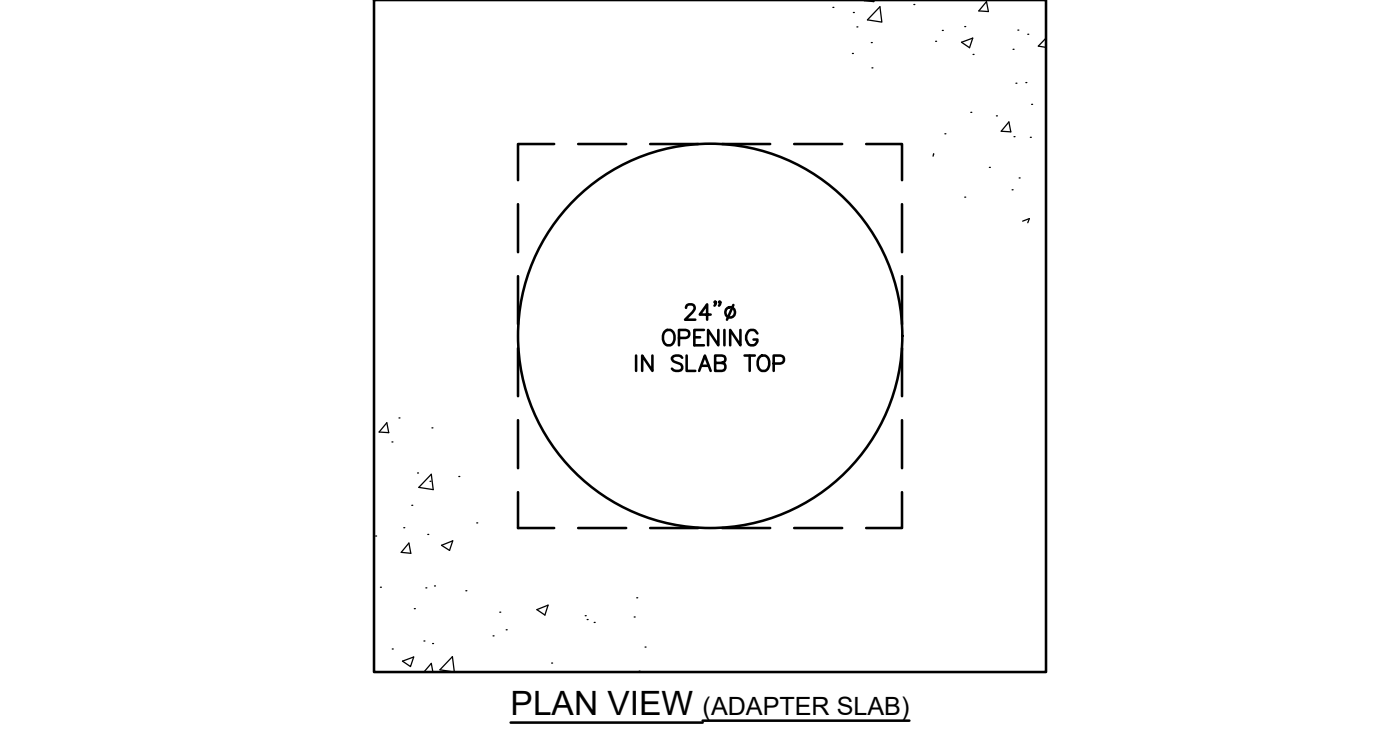
4 TEMPORARY CONCRETE WASHOUT AREA
SCALE: NONE



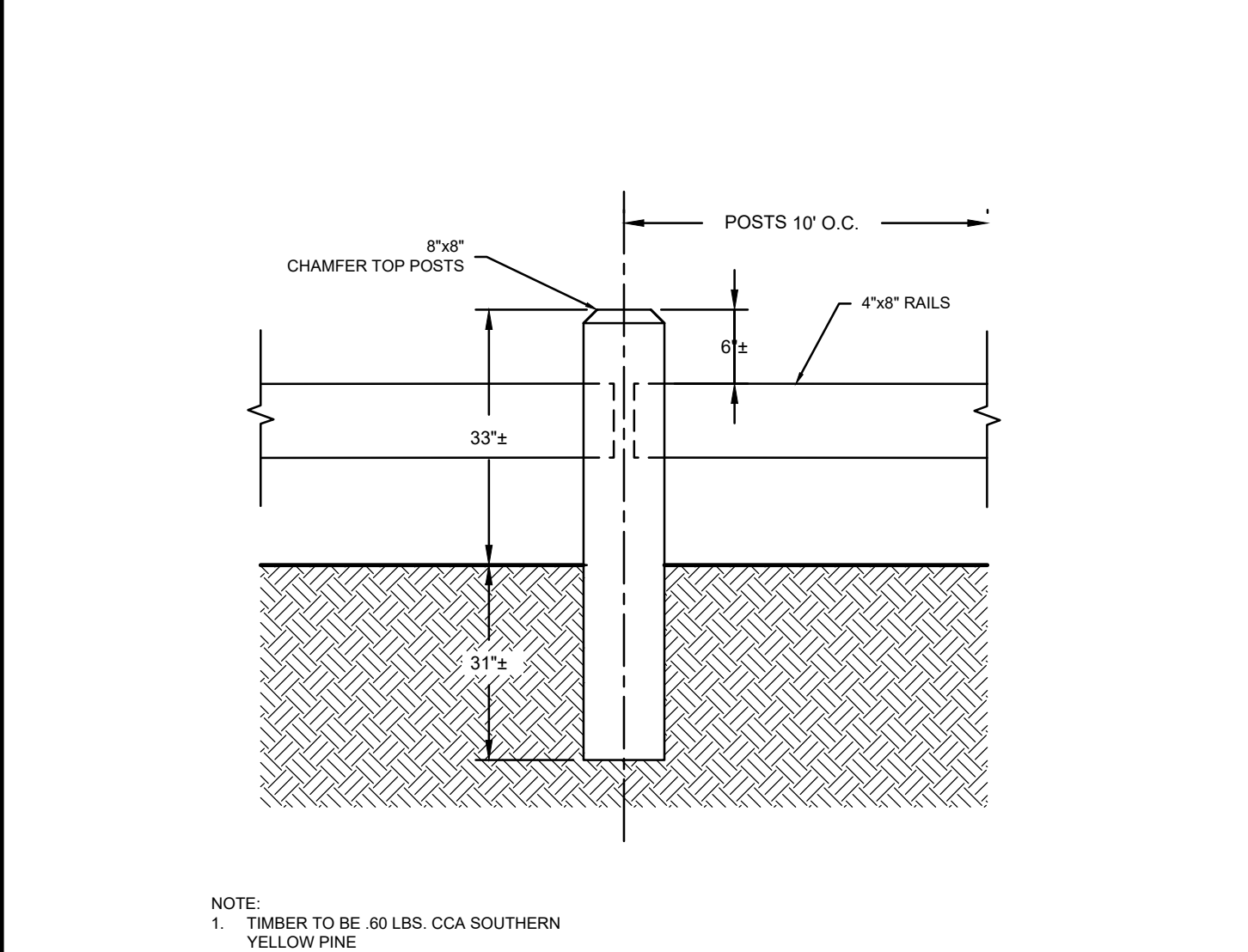
5 TYPICAL PIPE TRENCH SECTION
SCALE: NONE



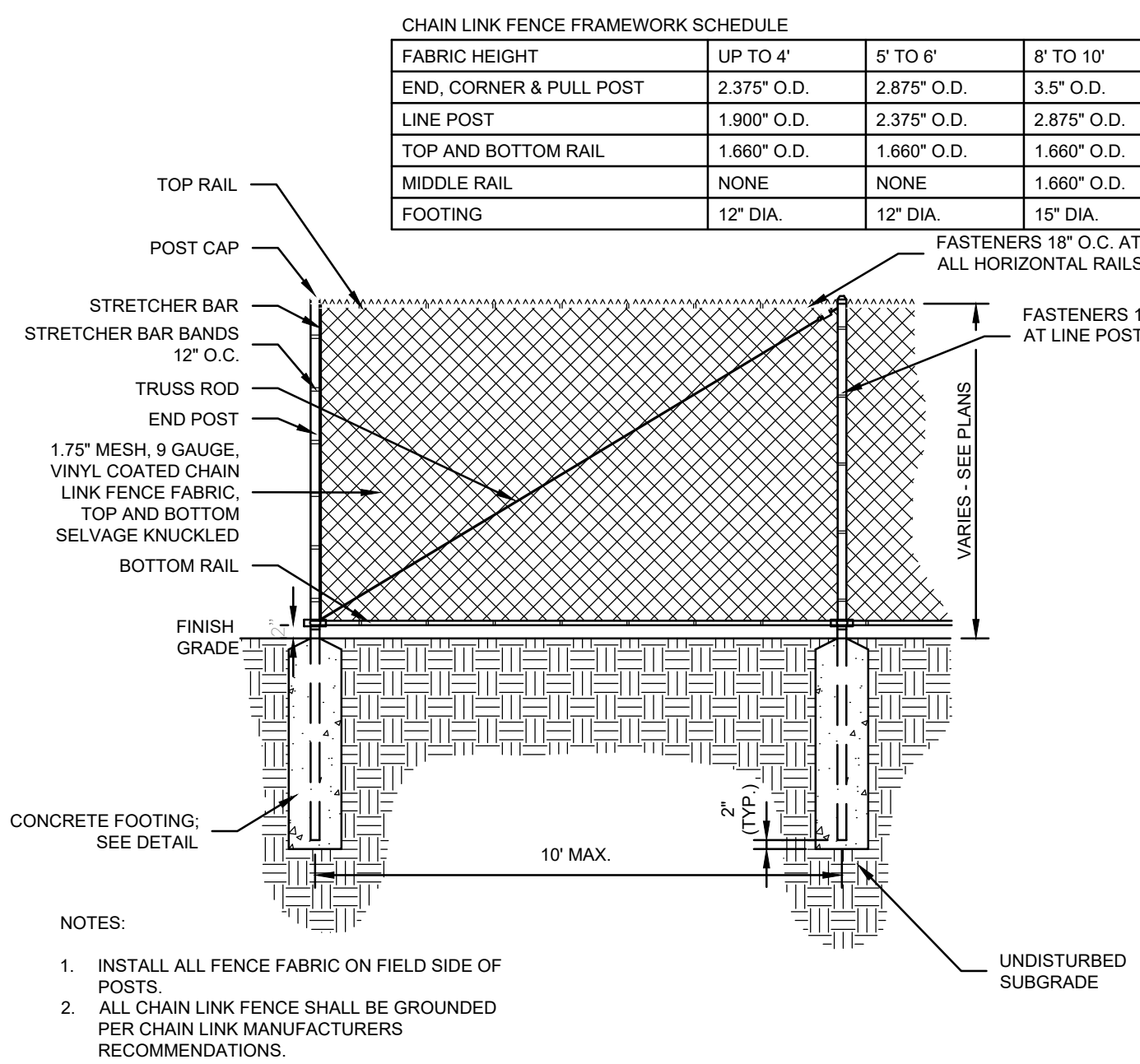
6 CONCRETE AREA DRAIN
SCALE: NONE



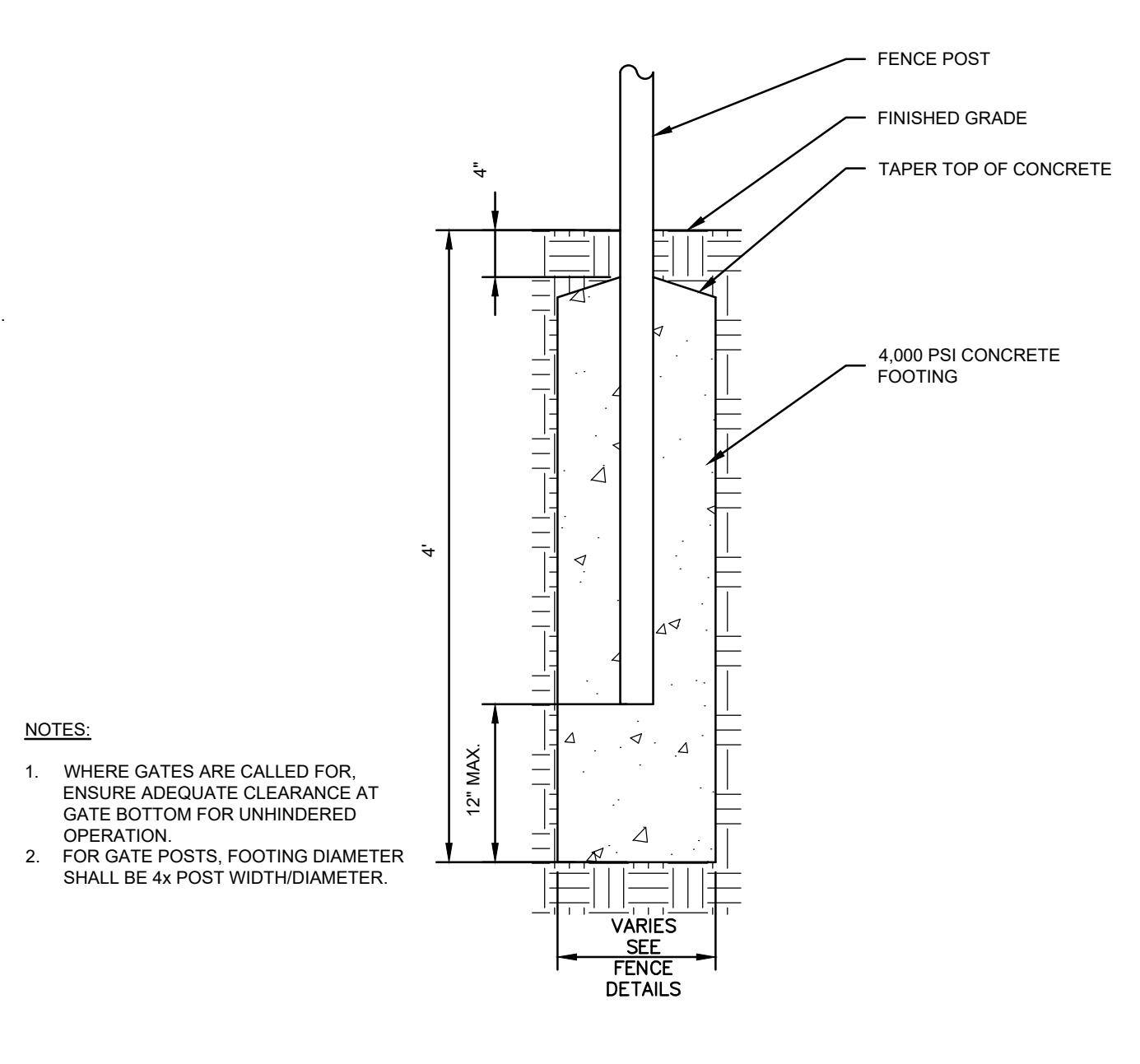
7 BITUMINOUS CONCRETE SIDEWALK
SCALE: NONE



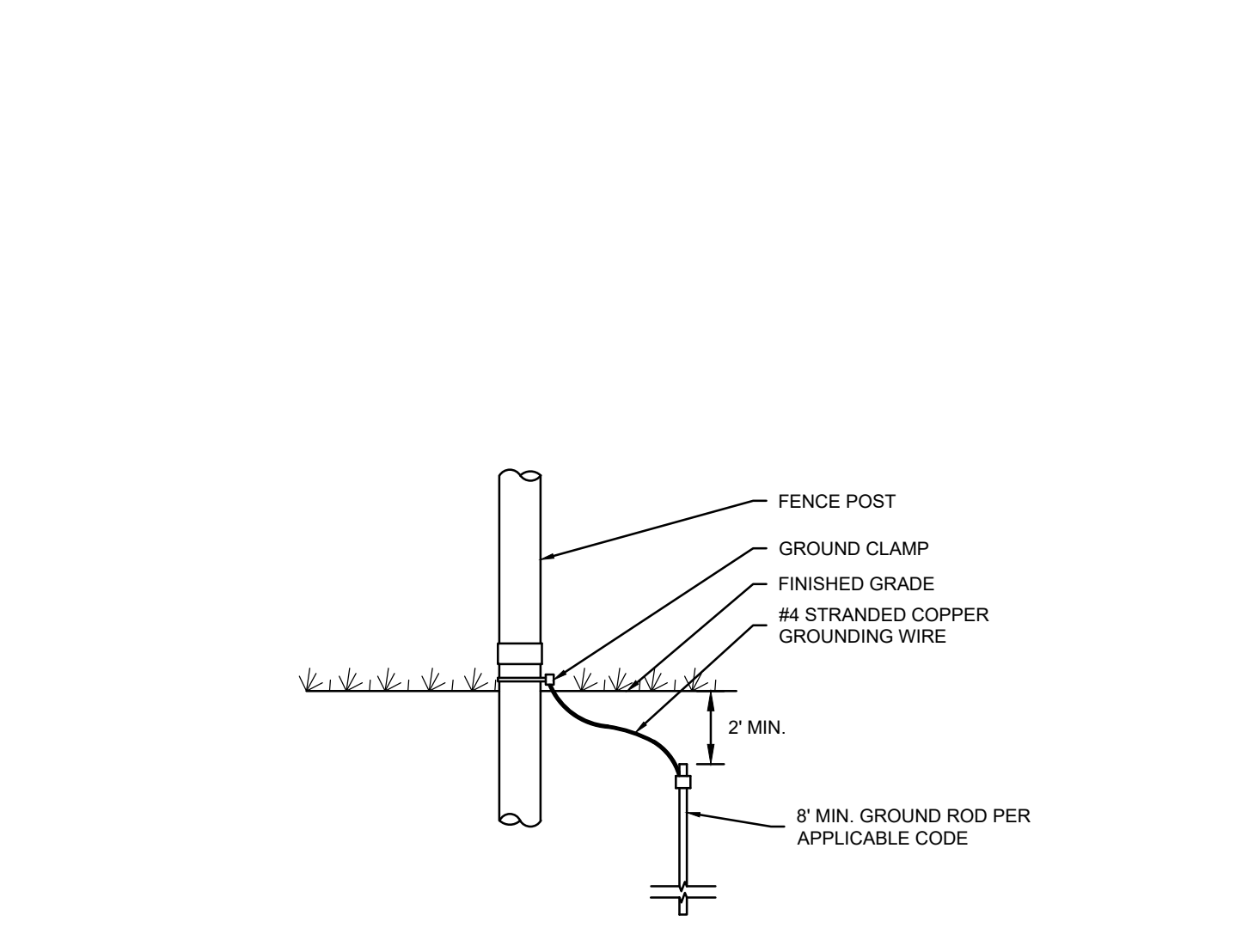
8 TIMBER GUIDRAIL
SCALE: NONE



9 CHAIN LINK FENCE
SCALE: NONE

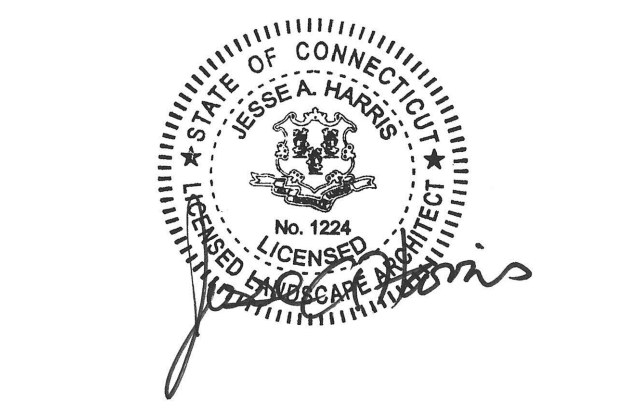


10 TYPICAL FENCE POST FOOTING
SCALE: NONE



11 FENCE GROUNDING
SCALE: NONE

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JESSE HARRIS, P.E. No. 1224

HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET

OLD LYME CONNECTICUT

DETAILS

JANUARY 3, 2020

REVISIONS:

NO.	DESCRIPTION

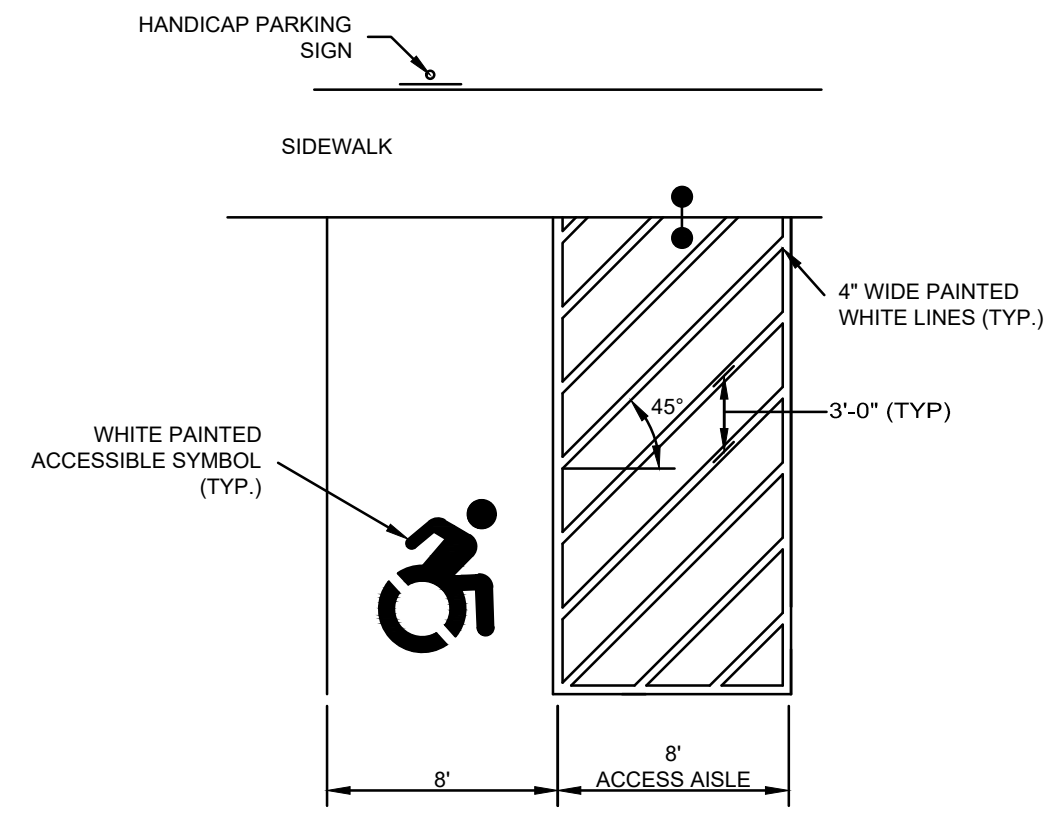
PREPARED FOR:
REGIONAL SCHOOL DISTRICT NO. 18
49 LYME STREET
OLD LYME, CT 06371

BSC GROUP
300 Winding Brook Drive
Glastonbury, Connecticut 06033
860 652 8227

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SCALE: 1" = 1'
0 1 2 4 FEET

FILE: 83759.00-DET.DWG
DWG. NO.:
JOB. NO.: 83759.00

L-4.0

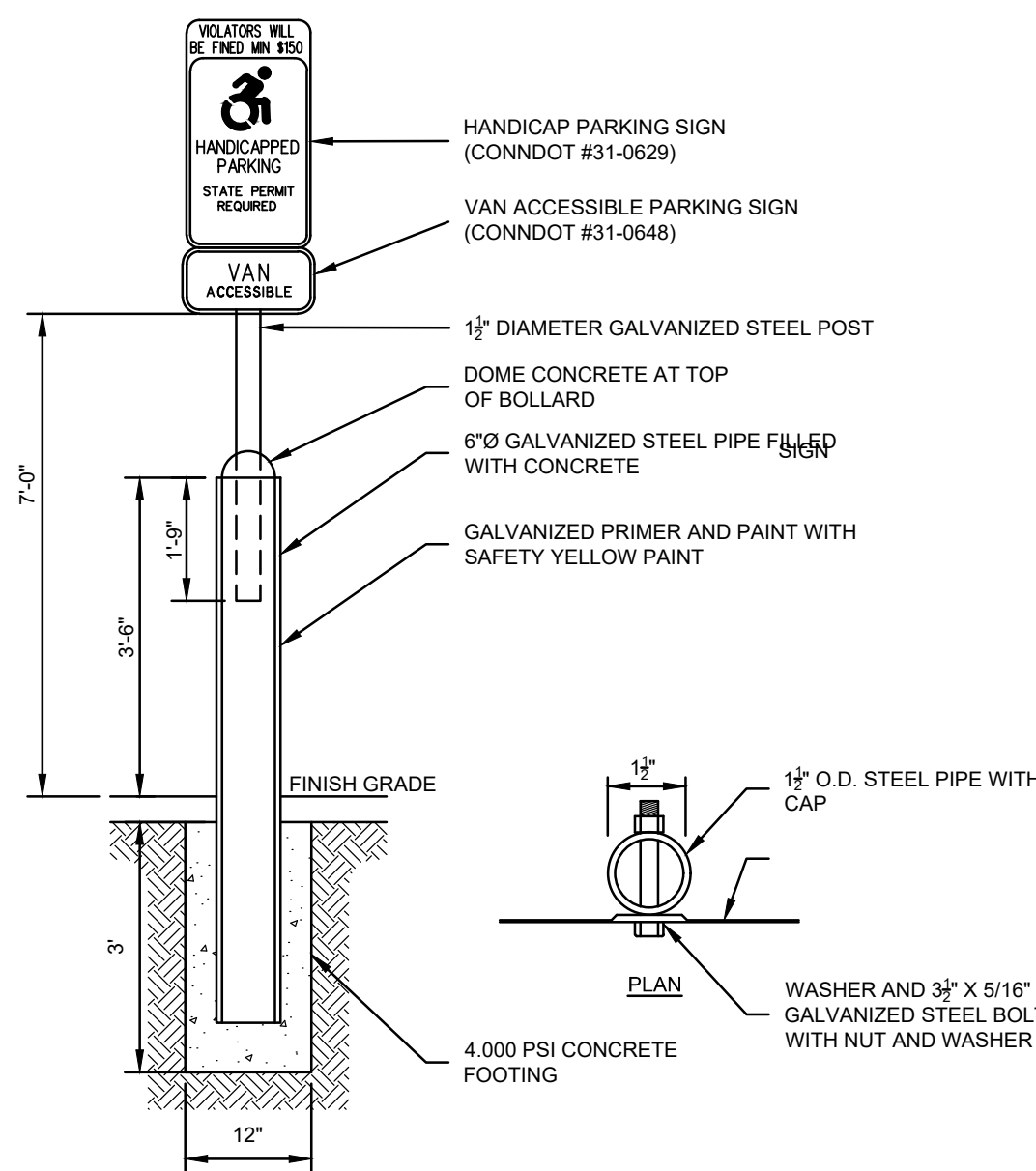


NOTES:

1. GRADING WITHIN HANDICAP SPACES AND ACCESS AISLES SHALL BE LESS THAN 2.00% IN ALL DIRECTIONS.
2. WIDTH MEASUREMENTS OF PARKING SPACES AND ADJACENT ACCESS AISLES SHALL BE MADE FROM THE CENTERLINE OF MARKING.
3. ALL MARKINGS SHALL BE FAST-DRYING WATERBORNE PAINT, LOW VOC, 100 PERCENT ACRYLIC ASTM D1475 AND ASTM D211.
4. WHITE: NO DARKER OR YELLOWER THAN FS 595, NO. 17778, LATEST ISSUE.
5. ACCESS AISLE MAY BE REVERSED. SEE PLAN.

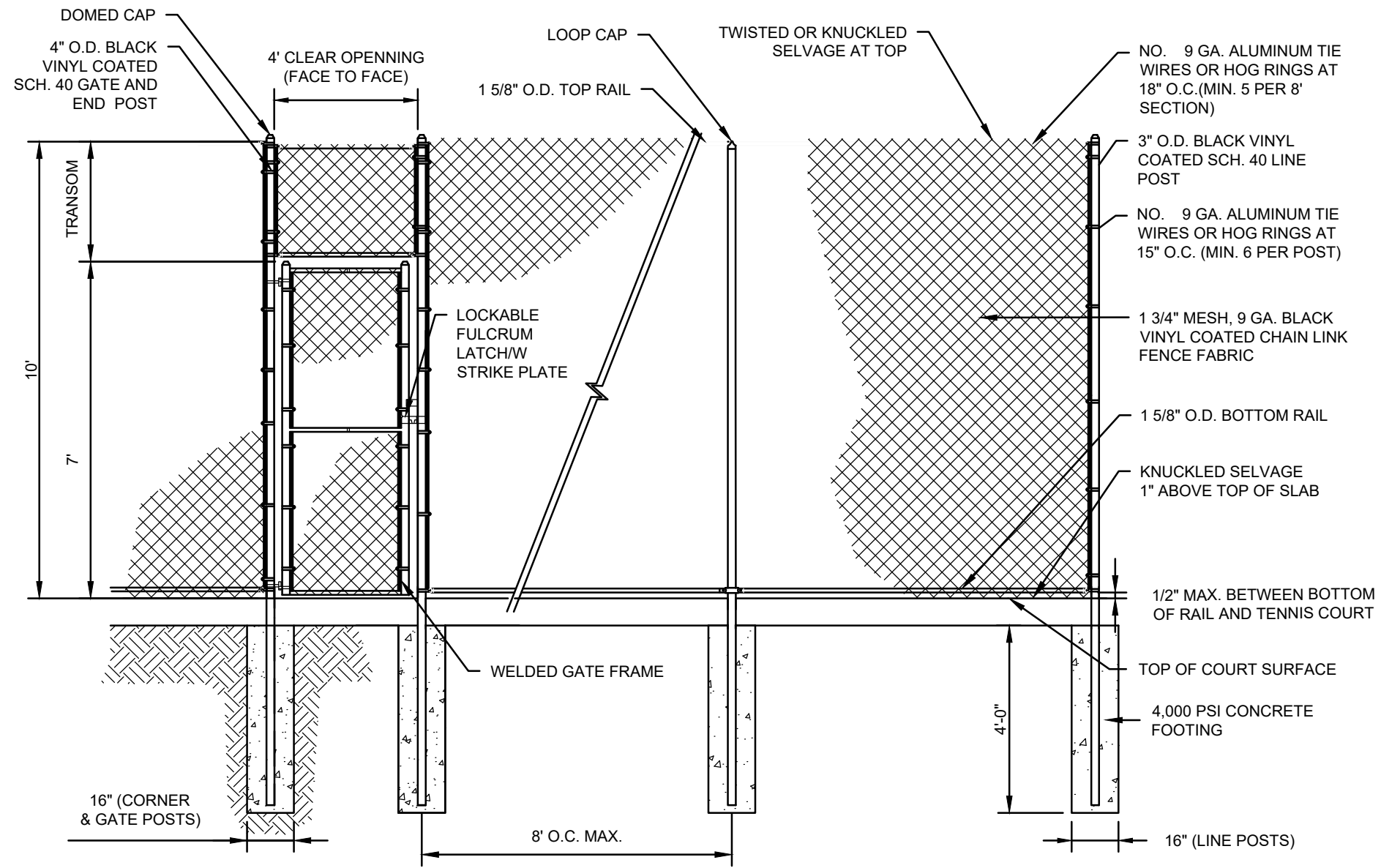
1 ACCESSIBLE PARKING SPACES

SCALE: NONE



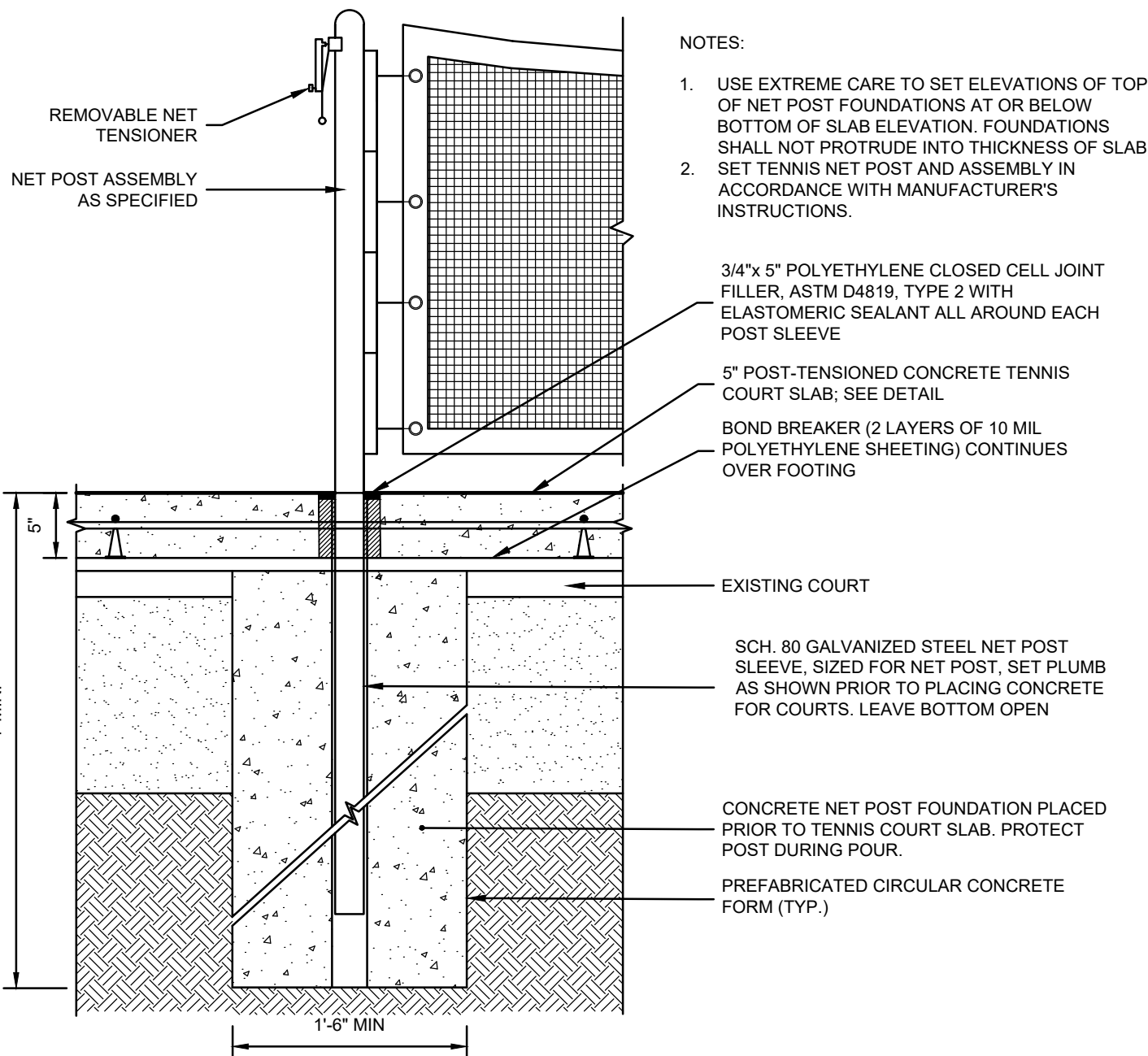
2 BOLLARD MOUNTED HANDICAP SIGN

SCALE: NONE



3 TENNIS COURT FENCE WITH SINGLE GATE

SCALE: NONE

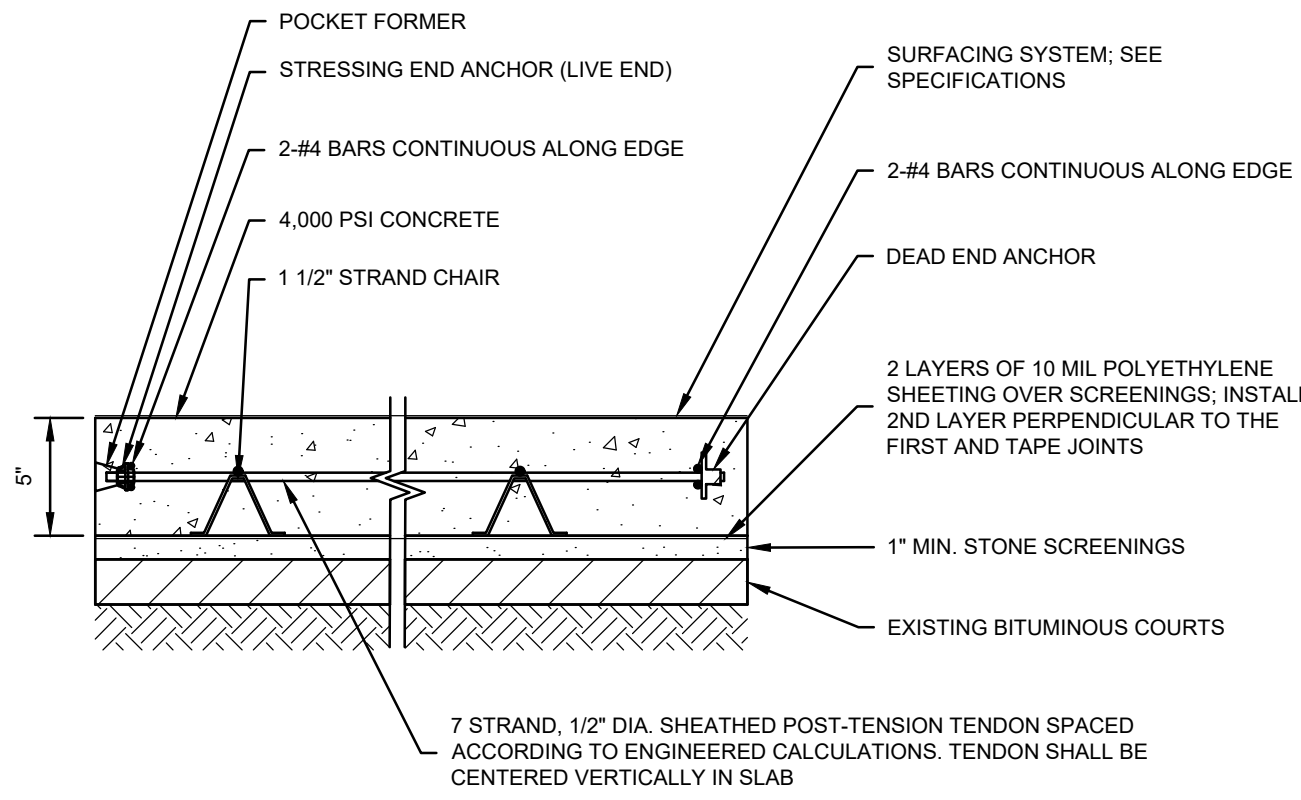


NOTES:

1. USE EXTREME CARE TO SET ELEVATIONS OF TOP OF NET POST FOUNDATIONS AT OR BELOW BOTTOM OF SLAB ELEVATION. FOUNDATIONS SHALL NOT PROTRUDE INTO THICKNESS OF SLAB.
2. SET TENNIS NET POST AND ASSEMBLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

4 TENNIS NET POST AND FOOTING

SCALE: NONE

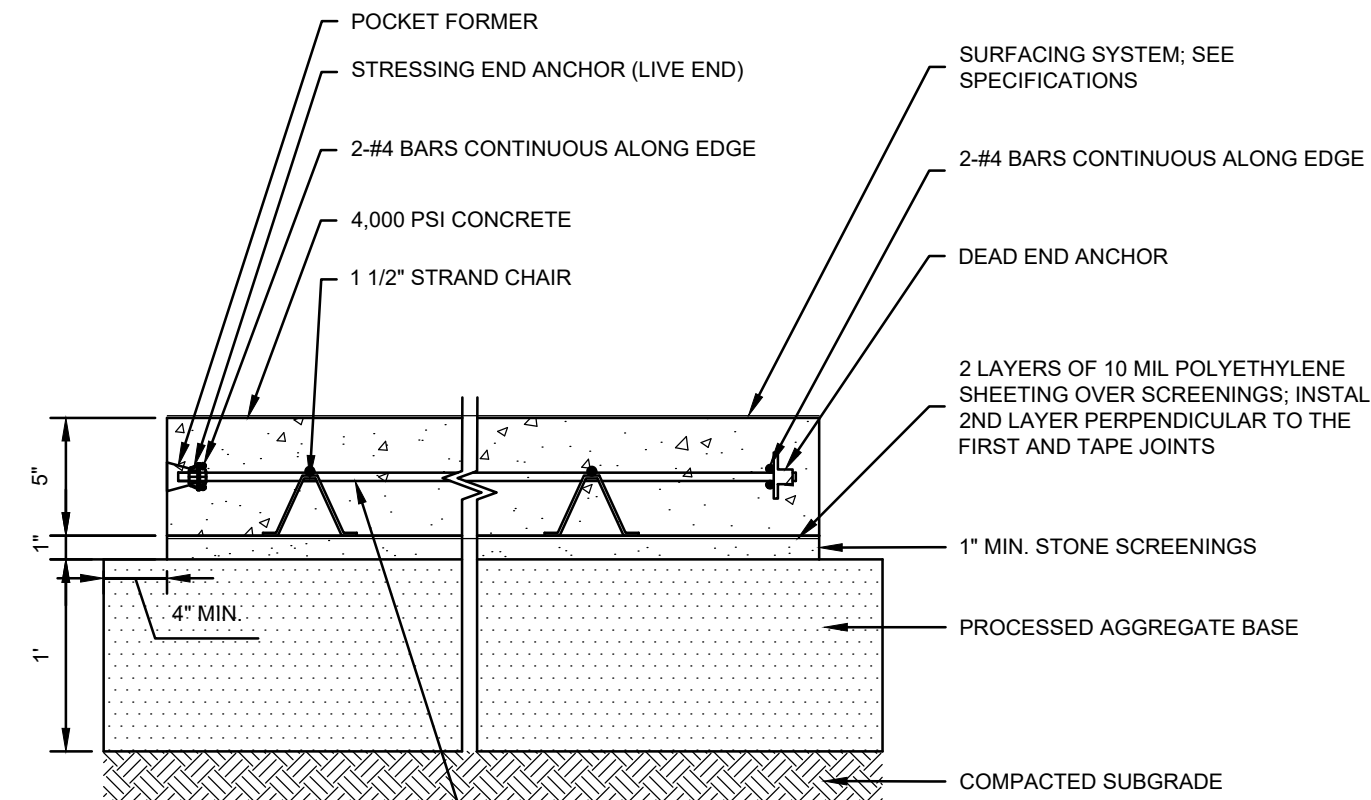


NOTES:

1. DUE TO THE EXISTING SURFACE IRREGULARITIES, THE DEPTH OF CONCRETE MAY VARY SLIGHTLY. IN NO CASE IS THE DEPTH OF POST-TENSION CONCRETE TO BE LESS THAN 4.5 INCHES. SEE TENNIS COURT ENLARGEMENTS.

5 POST-TENSION CONCRETE SLAB

SCALE: NONE

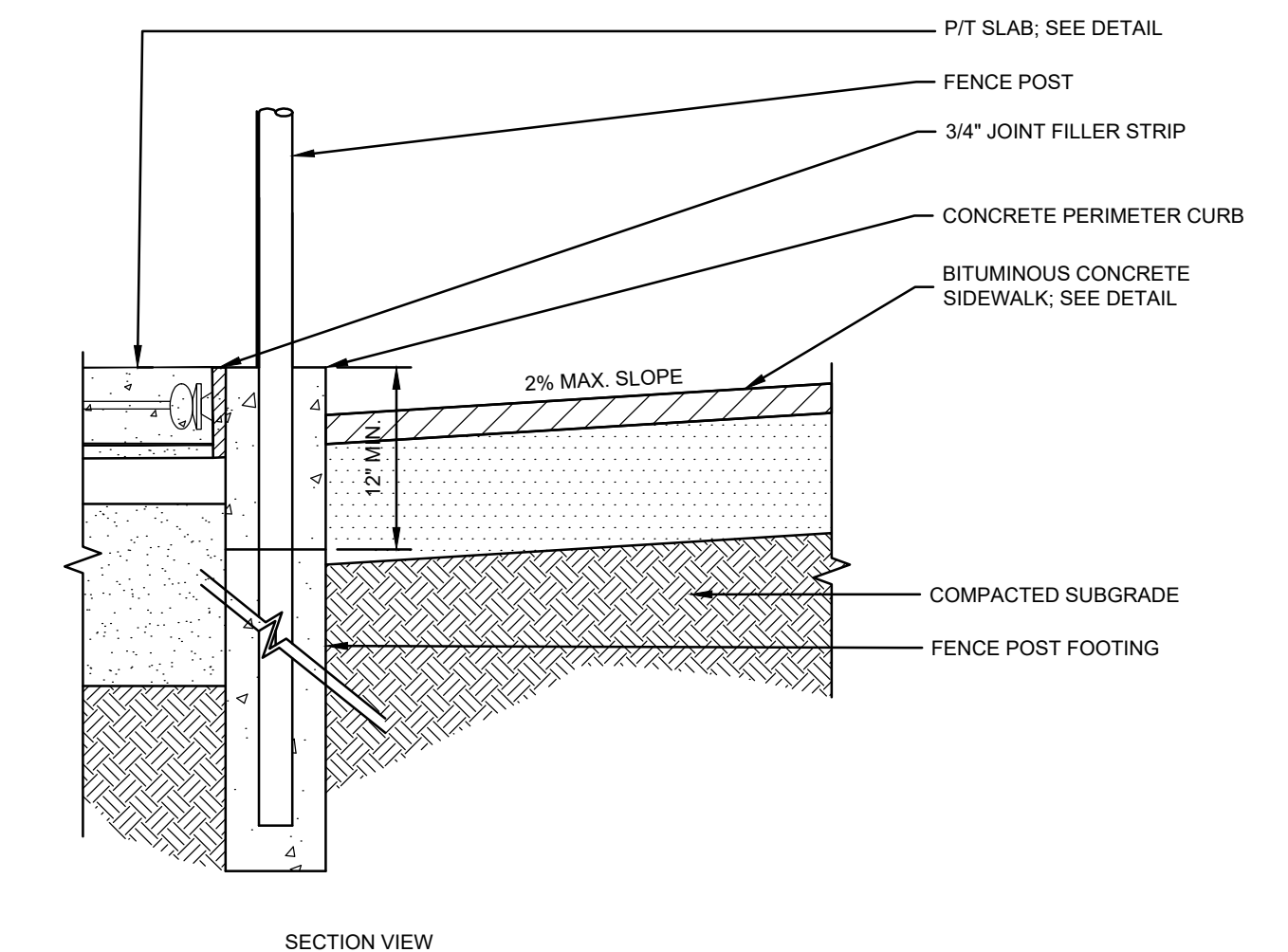


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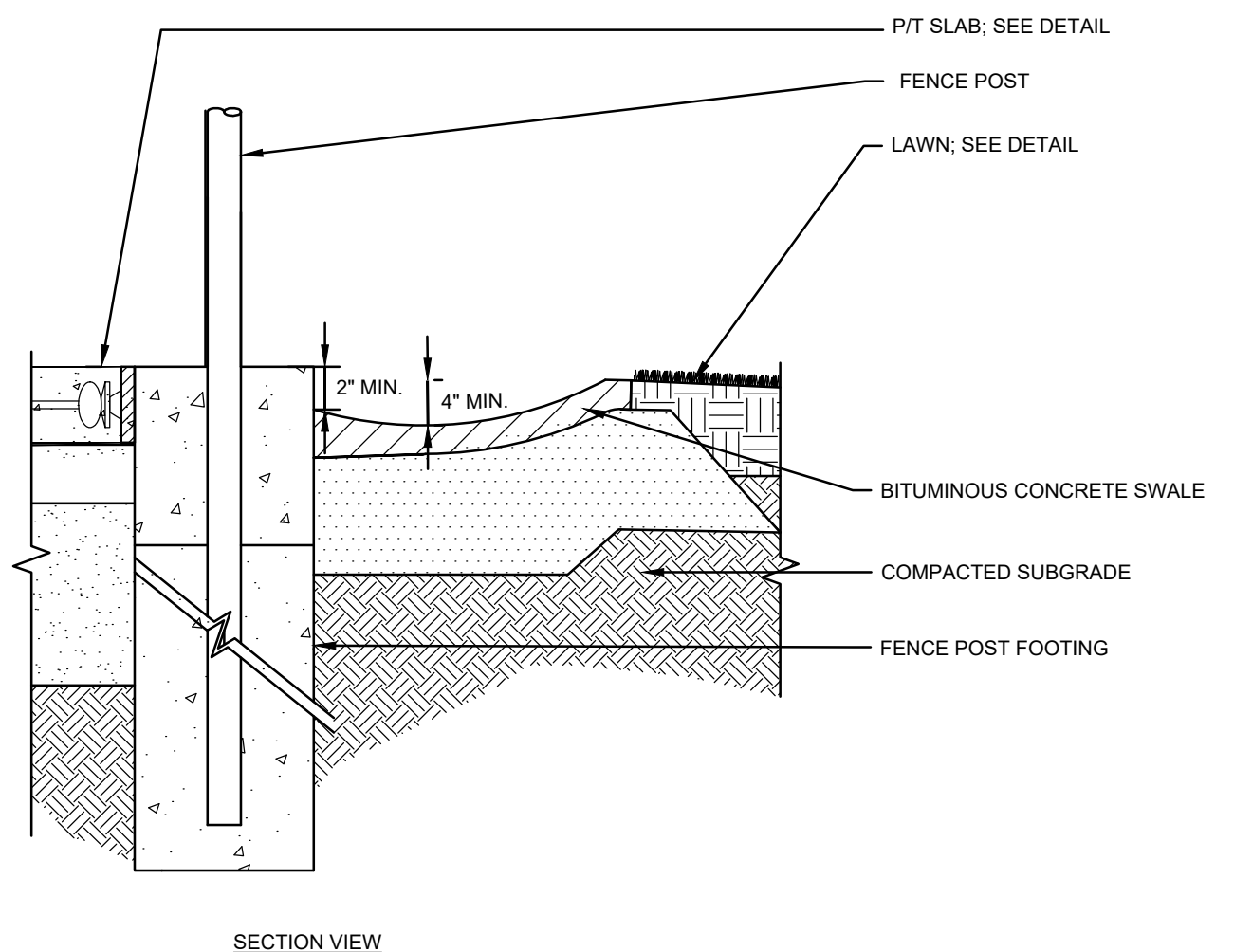
6 POST-TENSION CONCRETE SLAB OVER GRANULAR FILL

SCALE: NONE



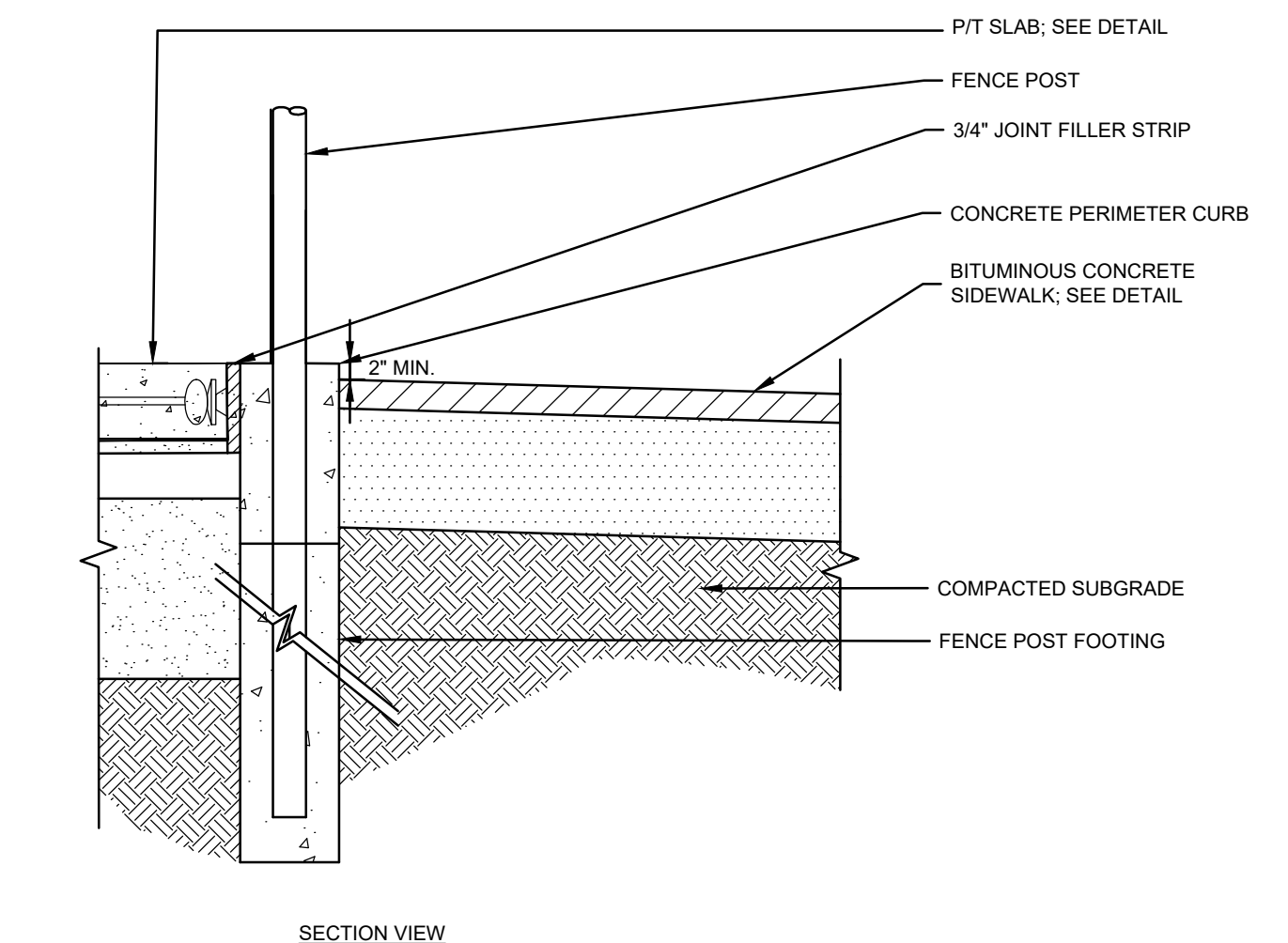
7 SIDEWALK AT PERIMETER CURB

SCALE: NONE



8 PAVED SWALE AT LAWN

SCALE: NONE



9 POST-TENSION CONCRETE SLAB AT SIDEWALK

SCALE: NONE



JESSE HARRIS, PLA No. 1224

HIGH SCHOOL TENNIS COURT REPLACEMENT

69 LYME STREET

OLD LYME CONNECTICUT

DETAILS

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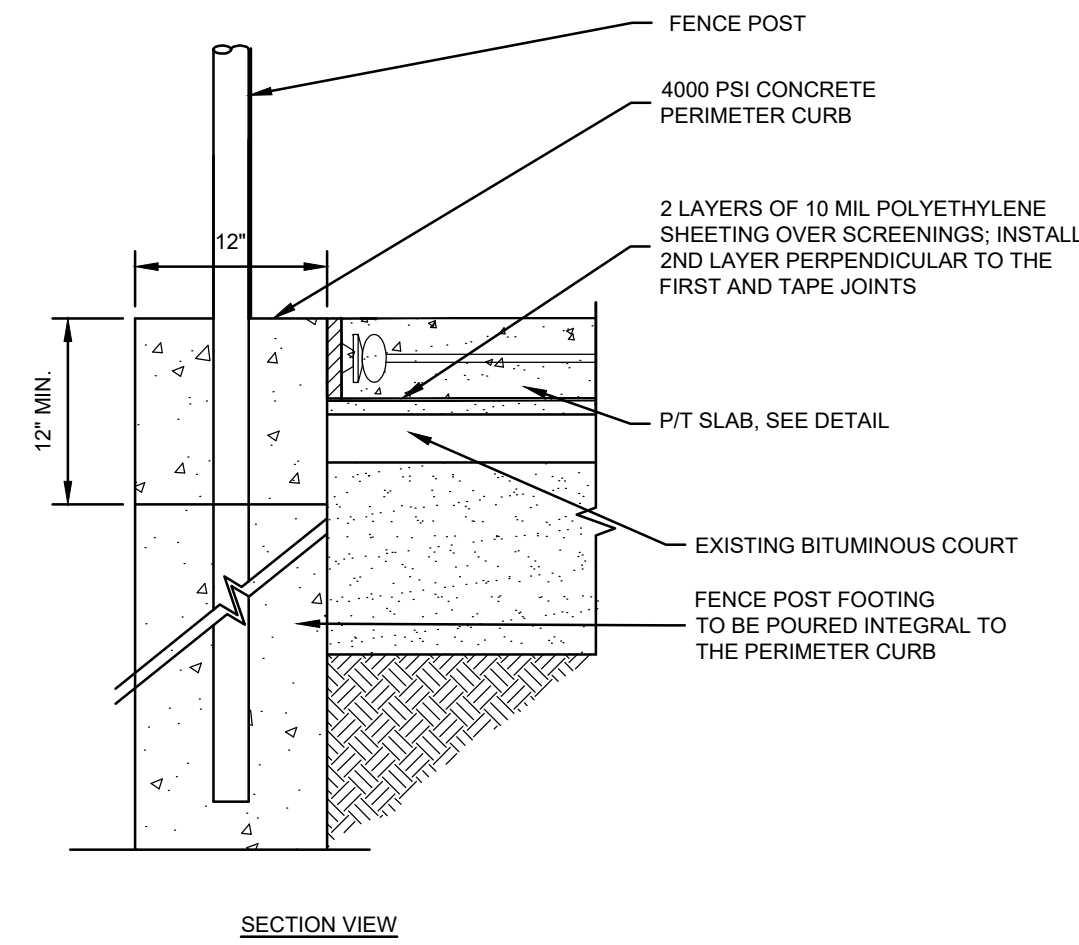
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0 1 2 4 FEET

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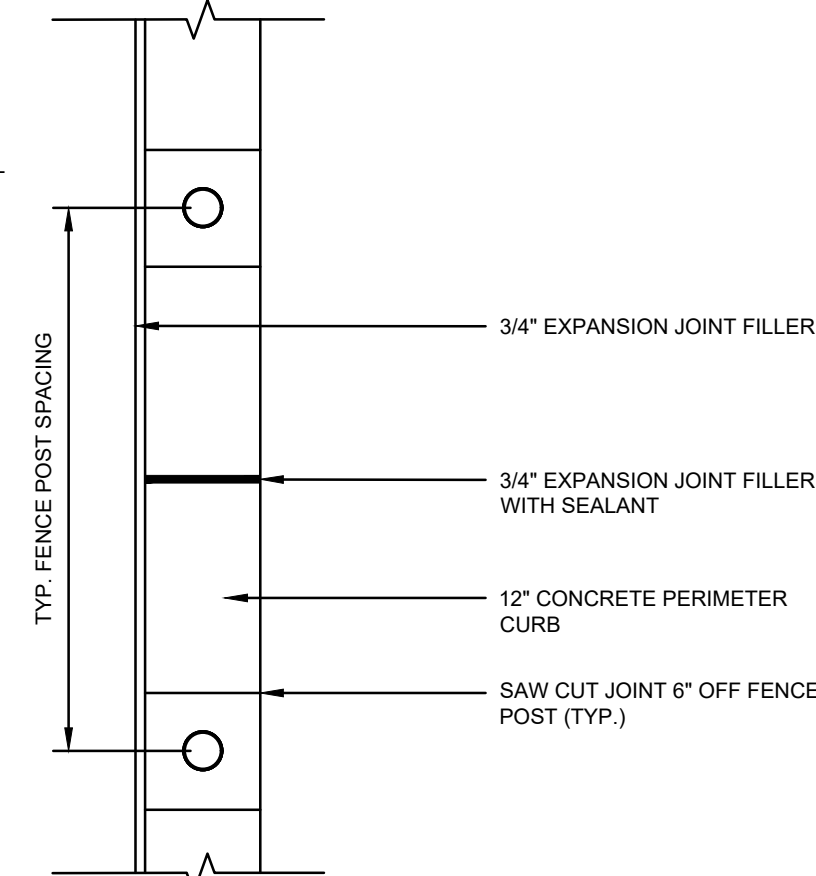
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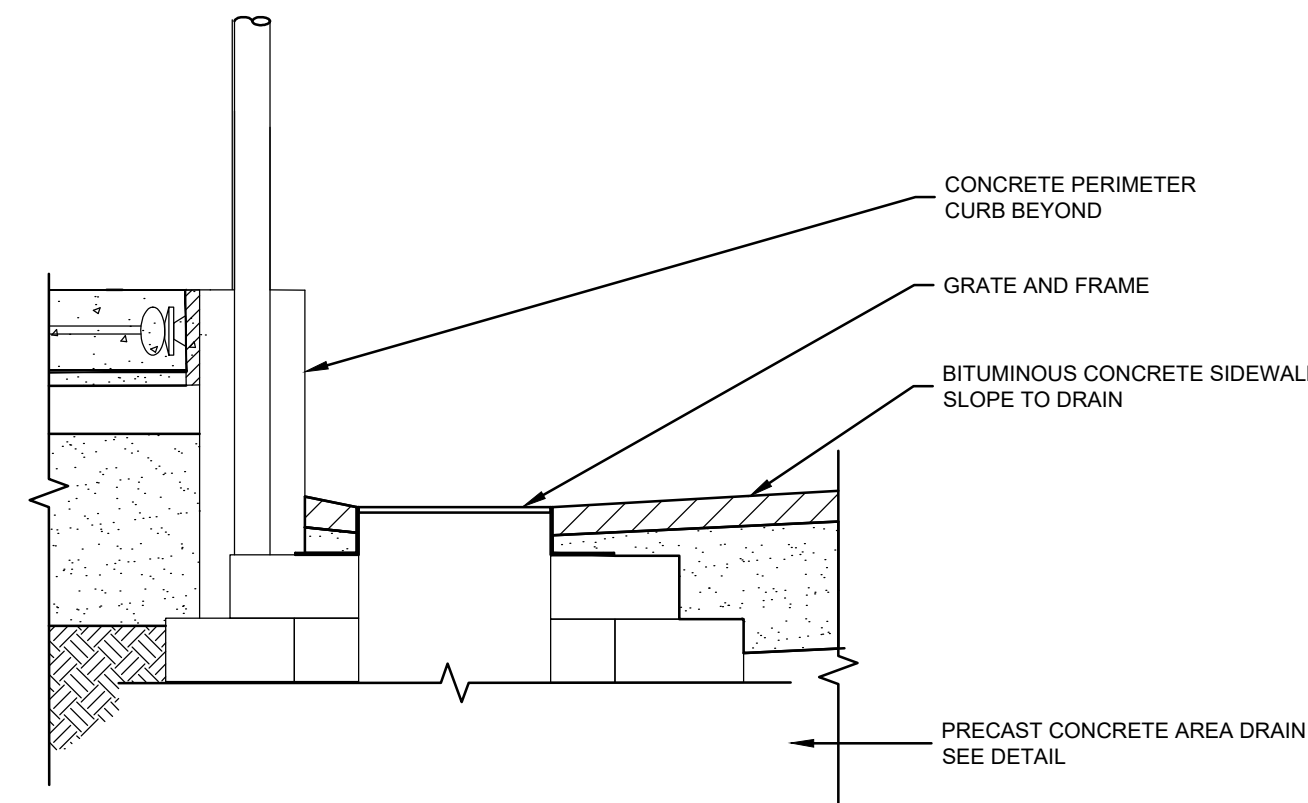
HIGH SCHOOL TENNIS COURT REPLACEMENT - JANUARY 3, 2020



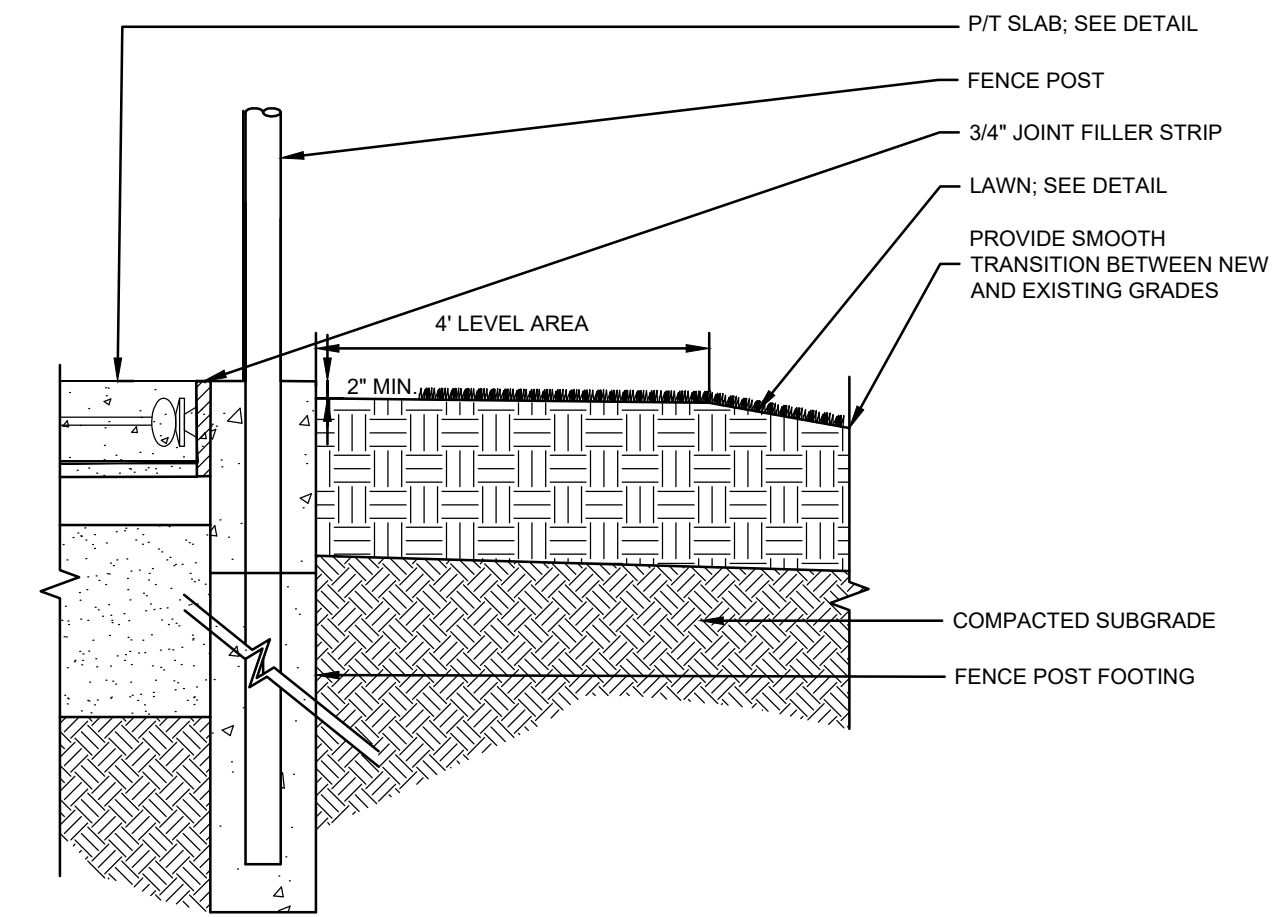
SECTION VIEW



PLAN VIEW



SECTION VIEW

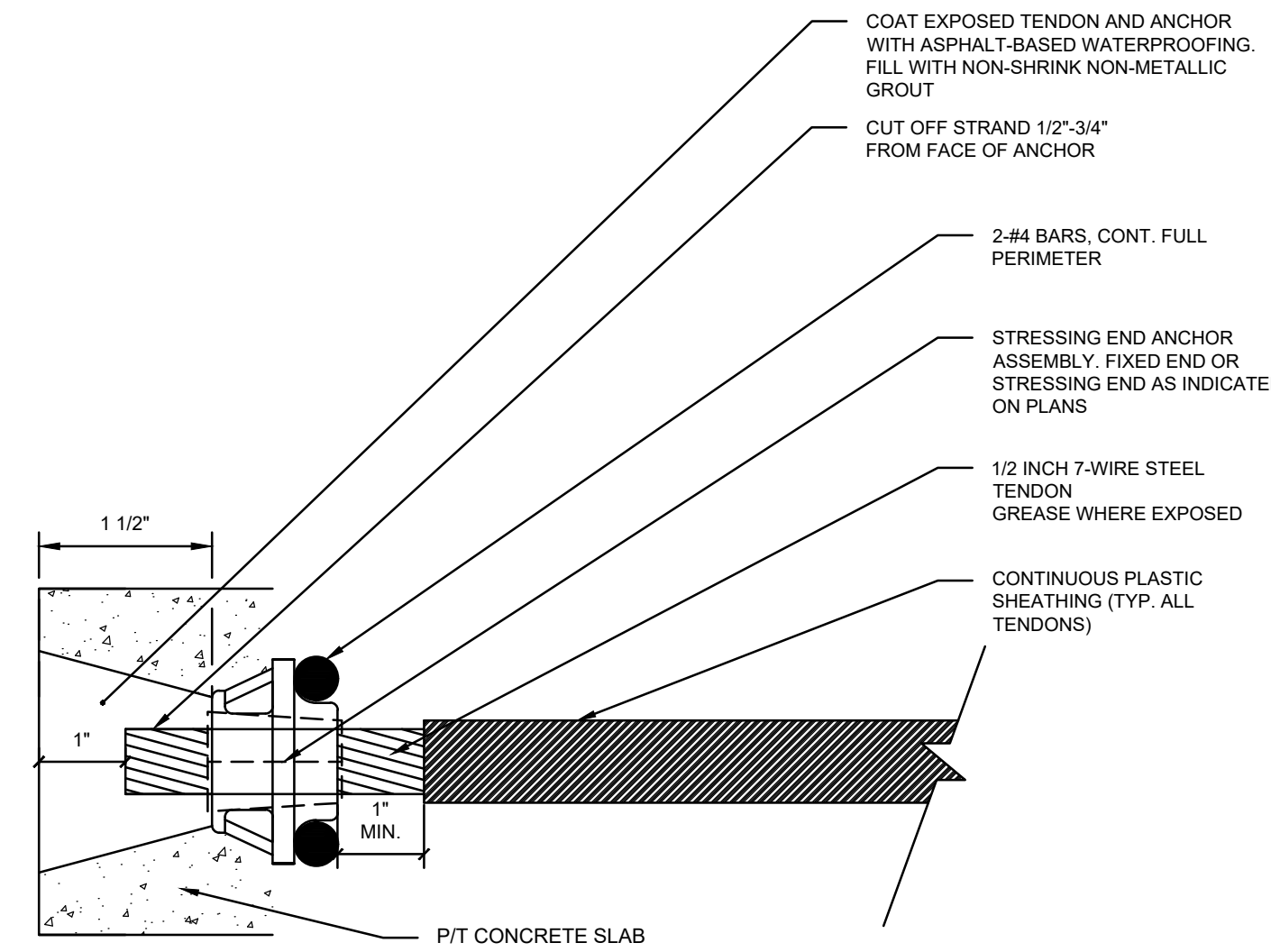


SECTION VIEW

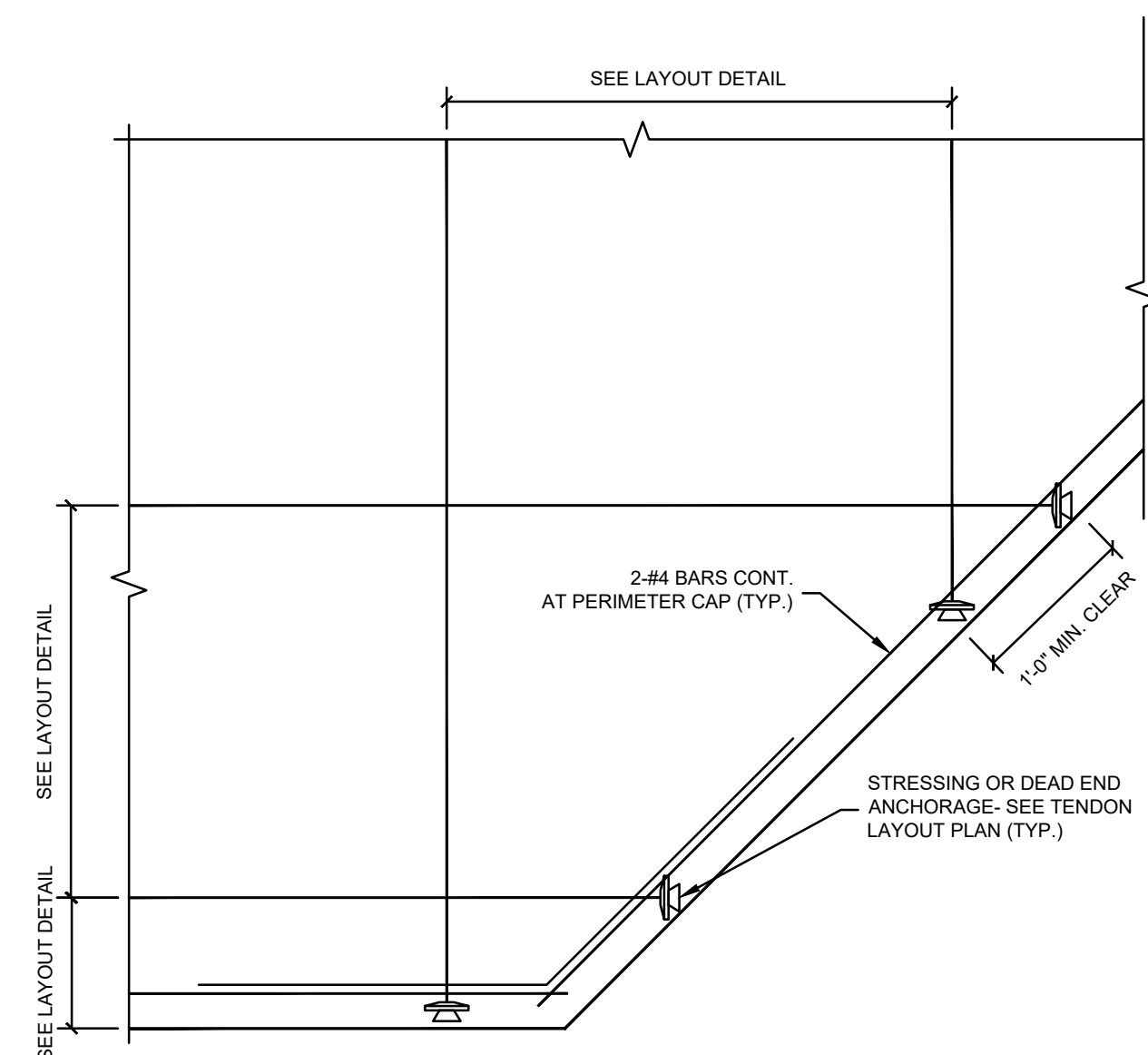
1 CONCRETE PERIMETER CURB
SCALE: NONE

2 PAVED SWALE AT AREA DRAIN
SCALE: NONE

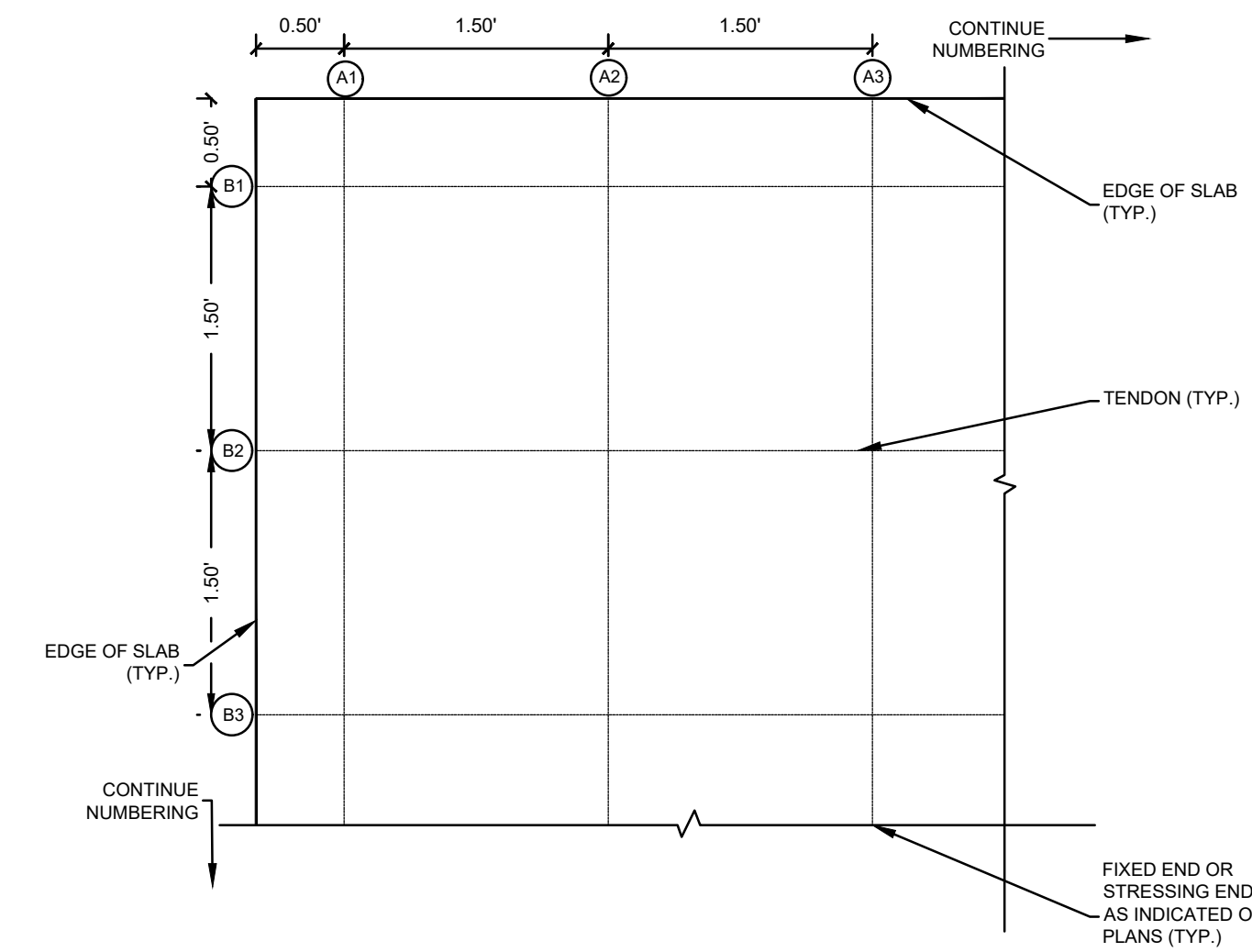
3 POST-TENSION CONCRETE SLAB AT LAWN
SCALE: NONE



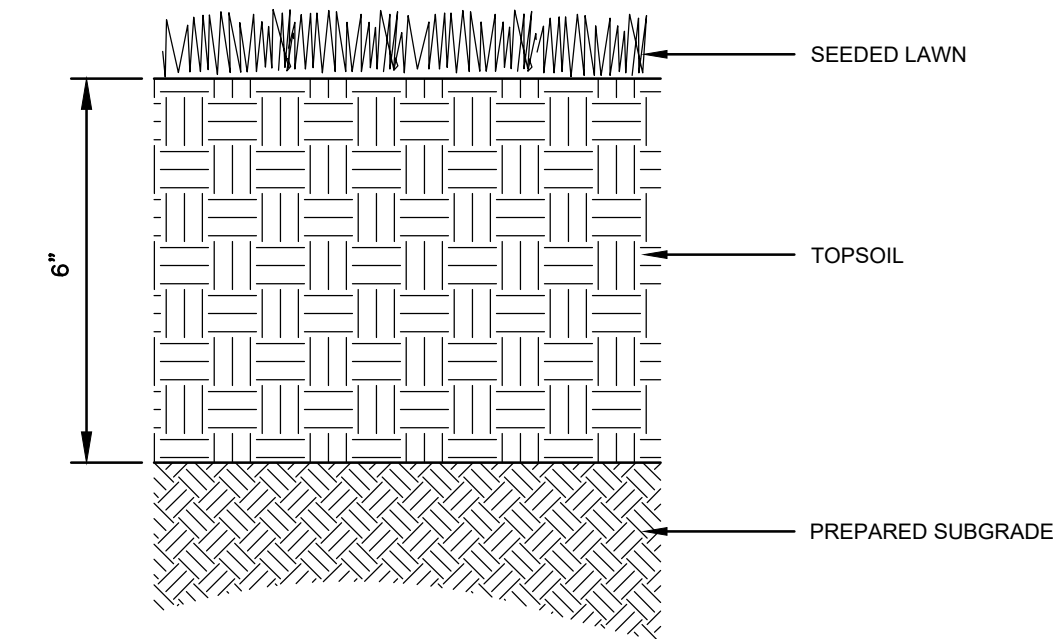
NOTES:
1. LIVE END ANCHOR SHALL BE 2-PART WEDGE TYPE.



5 POST-TENSIONED CONCRETE CORNER
SCALE: NONE



6 TENDON SPACING
SCALE: NONE



NOTES:
1. CONTRACTOR SHALL PREPARE SOILS IN ALL DISTURBED AREAS AND AREAS USED FOR EQUIPMENT ACCESS.

7 LAWN
SCALE: NONE

4 TENDON ANCHORAGE
SCALE: NONE



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