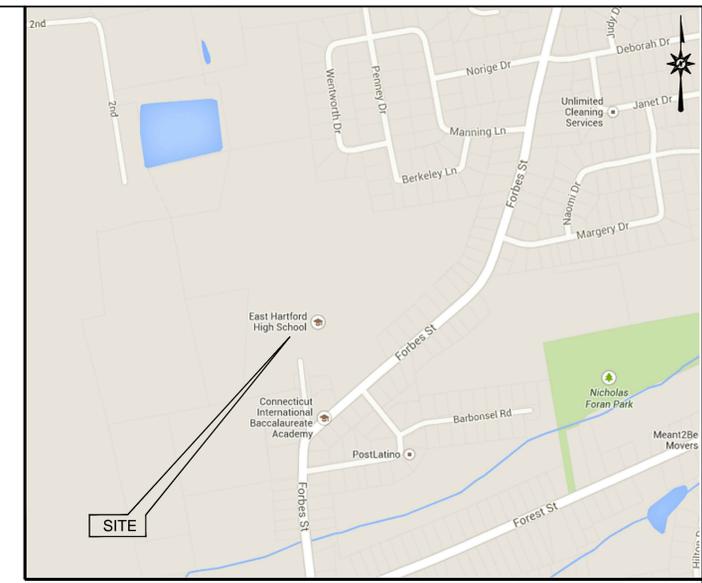


LOCATION MAP
N.T.S.

EAST HARTFORD HIGH SCHOOL TENNIS COURT RENOVATIONS

869 FORBES STREET
EAST HARTFORD, CT 06118

BID NUMBER 16-13



VICINITY MAP
SCALE: 1"=800'

APPROVALS

PREPARED FOR:
TOWN OF EAST HARTFORD
740 MAIN STREET
EAST HARTFORD, CT 06108

PREPARED BY:



ARCHITECTURE ENGINEERING PLANNING LANDSCAPE ARCHITECTURE
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740 MAIN STREET
EAST HARTFORD, CT 06108

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E1.01	ELECTRICAL SITE PLAN

SUBCONSULTANTS:

GEODESIGN INCORPORATED
984 SOUTHFORD ROAD MIDDLEBURY, CT 06762 203-758-8836

DATES

ISSUE DATE: 05/12/14
REVISION: 05/11/15 - ISSUED FOR CONSTRUCTION
10/23/15 - RE-BID



DEMOLITION NOTES

1. SEDIMENT AND EROSION CONTROLS AS SHOWN ON THE EROSION CONTROL PLAN AND/OR DEMOLITION PLAN SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO START OF DEMOLITION AND/OR CLEARING AND GRUBBING OPERATIONS.
2. DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA SHALL BE DISPOSED OF IN AN APPROVED OFF SITE LANDFILL, BY AN APPROVED HAULER. HAULER SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS.
3. THE CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS DEMOLITION AND DISPOSAL OF HIS DEMOLITION MATERIAL TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL POST BONDS AND PAY PERMIT FEES AS REQUIRED. BUILDING DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITS AND DISPOSAL OF ALL BUILDING DEMOLITION DEBRIS IN AN APPROVED OFF-SITE LANDFILL.
4. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR.
5. THE CONTRACTOR SHALL PREPARE ALL MANIFEST DOCUMENTS AS REQUIRED PRIOR TO COMMENCEMENT OF DEMOLITION.
6. THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONUMENTS AND PROPERTY CORNERS DURING DEMOLITION ACTIVITIES. ANY CONTRACTOR DISTURBED PINS, MONUMENTS, AND OR PROPERTY CORNERS, ETC. SHALL BE RESET BY A LICENSED LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
7. THE DEMOLITION CONTRACTOR SHALL STABILIZE THE SITE AND KEEP EROSION CONTROL MEASURES IN PLACE UNTIL THE COMPLETION OF HIS WORK OR UNTIL THE COMMENCEMENT OF WORK BY THE SITE CONTRACTOR, WHICHEVER OCCURS FIRST, AS REQUIRED OR DEEMED NECESSARY BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE SITE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF EXISTING EROSION AND SEDIMENTATION CONTROLS AND FOR INSTALLATION OF ANY NEW EROSION AND SEDIMENTATION CONTROLS AS PER THE SEDIMENT AND EROSION CONTROL PLAN, AT THAT TIME.
8. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
9. THE CONTRACTOR SHALL ADHERE TO ALL OSHA FEDERAL STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN PROXIMITY OF OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY PROVIDER FEES SHALL BE PAID BY THE CONTRACTOR.
10. CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES AND UNIFORMED TRAFFIC CONTROLLERS AS REQUIRED OR AS ORDERED BY THE ENGINEER OR AS REQUIRED BY THE LOCAL GOVERNING AUTHORITIES, OR AS REQUIRED BY PERMIT STIPULATIONS. CONTRACTOR SHALL MAINTAIN ALL TRAFFIC LANES AND PEDESTRIAN WALKWAYS AT ALL TIMES UNLESS WRITTEN APPROVAL FROM THE APPROPRIATE GOVERNING AGENCY IS GRANTED.
11. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES INCLUDING SERVICES AND STORM DRAINAGE SYSTEMS. PRIOR TO DEMOLITION OR CONSTRUCTION THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT (800) 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
12. BACK FILL DEPRESSIONS AND COMPACT, FERTILIZE, SEED AND MULCH DISTURBED AREAS NOT SUBJECT TO FURTHER SITE CONSTRUCTION.
13. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, DRAINAGE STRUCTURE, SWALE OR LANDSCAPED AREAS DISTURBED DURING DEMOLITION TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE OWNER, TOWN OF EAST HARTFORD AND OTHER REGULATORY AGENCIES, AS APPLICABLE.
14. THE CONTRACTOR SHALL REMOVE AND DISPOSE THE ENTIRE TENNIS COURT LIGHTING SYSTEM INCLUDING POLES, BASES, LUMINAIRES, CONDUITS, HANDHOLES, AND CONDUCTORS OUTSIDE THE LIMITS OF THE 1 STORY CONCRETE BLOCK BUILDING.
15. NO WORK ON THIS SITE SHALL BE INITIATED BY THE CONTRACTOR UNTIL A PRE-CONSTRUCTION MEETING WITH OWNER AND THE ENGINEER IS PERFORMED. THE CONTRACTOR SHOULD BE AWARE OF ANY SITE INFORMATION AVAILABLE SUCH AS GEOTECHNICAL AND ENVIRONMENTAL REPORTS. THE CONTRACTOR SHALL HAVE "CALL BEFORE YOU DIG" MARK OUTS OF EXISTING UTILITIES COMPLETED PRIOR TO MEETING.
16. THE CONTRACTOR SHALL ARRANGE FOR AND INSTALL TEMPORARY OR PERMANENT UTILITY CONNECTIONS WHERE INDICATED ON PLAN OR AS REQUIRED. MAINTAIN UTILITY SERVICES TO BUILDINGS TO REMAIN. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDERS FOR INSTALLATION AND PAY UTILITY PROVIDER FEES.
17. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION OR UTILITY DISCONNECTIONS UNTIL AUTHORIZED TO DO SO BY THE OWNER.
18. THE CONTRACTOR OR DEMOLITION CONTRACTOR SHALL INSTALL TEMPORARY SHEETING OR SHORING AS NECESSARY TO PROTECT EXISTING BUILDINGS AND UTILITIES DURING CONSTRUCTION AND DEMOLITION. SHEETING OR SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, LICENSED IN THIS STATE AND EVIDENCE OF SUCH SUBMITTED TO THE OWNER PRIOR TO INSTALLATION.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION ACTIVITIES AND SHALL SALVAGE METAL FOR TOWN RECYCLING. TOWN TO PROVIDE METAL SALVAGE DUMPSTER.
20. THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY, AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
21. THE CONTRACTOR SHALL COMPLY WITH CFR29 PART 1926 FOR EXCAVATION, TRENCHING, AND TRENCH PROTECTION REQUIREMENTS.
22. BUILDINGS, PARKING AREA AND DRIVEWAYS INDICATED TO REMAIN SHALL REMAIN OPEN FOR NORMAL BUSINESS OPERATIONS.
23. COORDINATE ALL UTILITY DEMOLITION AND ABANDONMENT WORK WITH RESPECTIVE UTILITY PROVIDERS. CONTRACTOR SHALL BE RESPONSIBLE FOR AND PAY ALL UTILITY PROVIDER REQUIRED FEES.
24. THERE SHALL BE NO BURIAL OF DEMOLITION MATERIALS OR STUMPS PERMITTED ON SITE.

GRADING AND DRAINAGE NOTES

1. SHEET GDU-1 IS INTENDED TO DESCRIBE GRADING, DRAINAGE, AND UTILITIES ONLY. REFER TO SITE PLAN FOR GENERAL INFORMATION, AND DETAIL SHEETS FOR DETAILS.
2. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON DRAWINGS. REFER TO EROSION CONTROL PLAN FOR LIMIT OF DISTURBANCE AND EROSION CONTROL NOTES.
3. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR USE IN FINAL LANDSCAPING.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS REQUIRED BY GOVERNMENT AND LOCAL AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS FROM THE TOWN OF EAST HARTFORD. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
5. THE CONTRACTOR SHALL COMPACT FILL IN 12" MAXIMUM LIFTS AND COMPACT TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR TEST), OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
6. PROPER CONSTRUCTION PROCEDURES SHALL BE FOLLOWED ON ALL IMPROVEMENTS WITHIN THIS PARCEL SO AS TO PREVENT THE SILTING OF ANY WATERCOURSE OR WETLANDS IN ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION GUIDELINES FOR SOIL EROSION AND SEDIMENT POLLUTION CONTROL, 2002 CONNECTICUT EROSION AND SEDIMENTATION CONTROL GUIDELINES. IN ADDITION, THE CONTRACTOR SHALL STRICTLY ADHERE TO THE "EROSION CONTROL PLAN" CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY THE LOCAL MUNICIPALITIES WHICH WOULD GUARANTEE THE PROPER IMPLEMENTATION OF THE PLAN.
7. ALL DISTURBANCE INCURRED TO THE TOWN OF EAST HARTFORD PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF EAST HARTFORD.

SITE UTILITY NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE PROPOSED SANITARY SEWERS AND WHERE PROPOSED STORM PIPING WILL CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE ENGINEER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED SANITARY SEWERS, STORM PIPING AND UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
2. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
3. THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY PROVIDERS AND GOVERNING AUTHORITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION.
4. ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
5. RELOCATION OF UTILITY PROVIDER FACILITIES SUCH AS POLES, SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY PROVIDER.
6. THE CONTRACTOR SHALL COMPACT THE PIPE BACKFILL IN 8" LIFTS ACCORDING TO THE PIPE BEDDING DETAILS. TRENCH BOTTOM SHALL BE STABLE IN HIGH GROUNDWATER AREAS. A PIPE FOUNDATION SHALL BE USED PER THE TRENCH DETAILS AND IN AREAS OF ROCK EXCAVATION.
7. UTILITY LOCATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION AND SHALL BE VERIFIED WITH THE ELECTRICAL DRAWINGS, AND WITH THE OWNER.
8. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
9. A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN ELECTRICAL AND STORM PIPING SHALL BE PROVIDED.
10. CONTRACTOR SHALL PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC., AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING STUB OUTS.
11. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND CABLES FOR LIGHTING WITH THE ELECTRICAL CONTRACTOR.
12. CONTRACTOR SHALL COORDINATE INSTALLATION FOR ELECTRICAL SERVICES TO SITE LIGHTING WITH THE ELECTRICAL CONTRACTOR.
13. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, DRAINAGE STRUCTURE, SWALE OR LANDSCAPED AREAS DISTURBED DURING CONSTRUCTION, TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE OWNER, TOWN OF EAST HARTFORD.
14. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE INCLUDING SERVICES. CONTACT "CALL BEFORE YOU DIG" AT (800) 922-4455 72 HOURS PRIOR TO CONSTRUCTION AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY AND STORM DRAINAGE LOCATIONS. THE CONTRACTOR SHALL EMPLOY THE USE OF A UTILITY LOCATING COMPANY TO PROVIDE SUBSURFACE UTILITY ENGINEERING CONSISTING OF DESIGNATING UTILITIES AND STORM PIPING ON PRIVATE PROPERTY WITHIN THE CONTRACT LIMIT AND CONSISTING OF DESIGNATING AND LOCATING WHERE PROPOSED UTILITIES AND STORM PIPING CROSS EXISTING UTILITIES AND STORM PIPING WITHIN THE CONTRACT LIMITS.
15. THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATION MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
16. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
17. THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS AUTHORIZED TO DISCONNECT BY THE OWNERS, THE ENGINEER, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.
18. IF ENCOUNTERED, ANY EXISTING POTABLE WELL AND/OR SEPTIC TANKS/ABSORPTION AREAS SHALL BE ABANDONED AND REMOVED PER HEALTH CODE REQUIREMENTS.

No.	Date	Desc.
1	6/6/14	PLANNING AND ZONING SUBMISSION
2	10/30/14	CONSTRUCTION DOCUMENTS
3	04/20/15	USTA AND TOWN COMMENTS
4	05/11/15	ISSUED FOR CONSTRUCTION
5	06/05/15	ADDENDA 002
6	10/23/15	RE-BID

Designed J.A.K.
 Drawn J.A.K.
 Checked R.G.
 Approved
 Scale NTS
 Project No. 13C4591
 Date 05/12/14

CAD File: GN13C459101

Title
GENERAL NOTES

Sheet No.

GN-1

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 Layout: EC-1 24x36 20C



EROSION CONTROL LEGEND

- SF — GEOTEXTILE FENCE (TYP.)
- LOD — LIMIT OF DISTURBANCE
- CONSTRUCTION ENTRANCE
- AREA OF MAJOR EXCAVATION (TYP.)
- SB — STRAW BALE BARRIER OR EQUAL
- SILT SACK AT INLET



BL Companies
 ARCHITECTURE
 ENGINEERING
 PLANNING
 LANDSCAPE ARCHITECTURE
 LAND SURVEYING
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TENNIS COURT RENOVATIONS
 EAST HARTFORD HIGH SCHOOL
 FORBES STREET, EAST HARTFORD, CT

No.	Date	Desc.
1	6/6/14	PLANNING AND ZONING SUBMISSION
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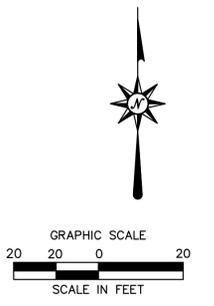
Designed: J.A.K.
 Drawn: J.A.K.
 Checked: R.G.
 Approved: _____
 Scale: 1"=20'
 Project No.: 13C4591
 Date: 05/12/14

CAD File: EC13C459101

Title: **EROSION CONTROL PLAN**

Sheet No. _____

EC-1



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**TENNIS COURT RENOVATIONS
 EAST HARTFORD HIGH SCHOOL
 FORBES STREET, EAST HARTFORD, CT**

REVISIONS

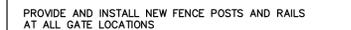
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2	10/30/14	CONSTRUCTION DOCUMENTS
3	04/20/15	USA AND TOWN COMMENTS
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Designed: J.A.K.
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 Approved: _____
 Scale: 1"=20'
 Project No.: 13C4591
 Date: 05/12/14

SITE PLAN

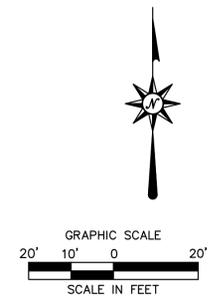
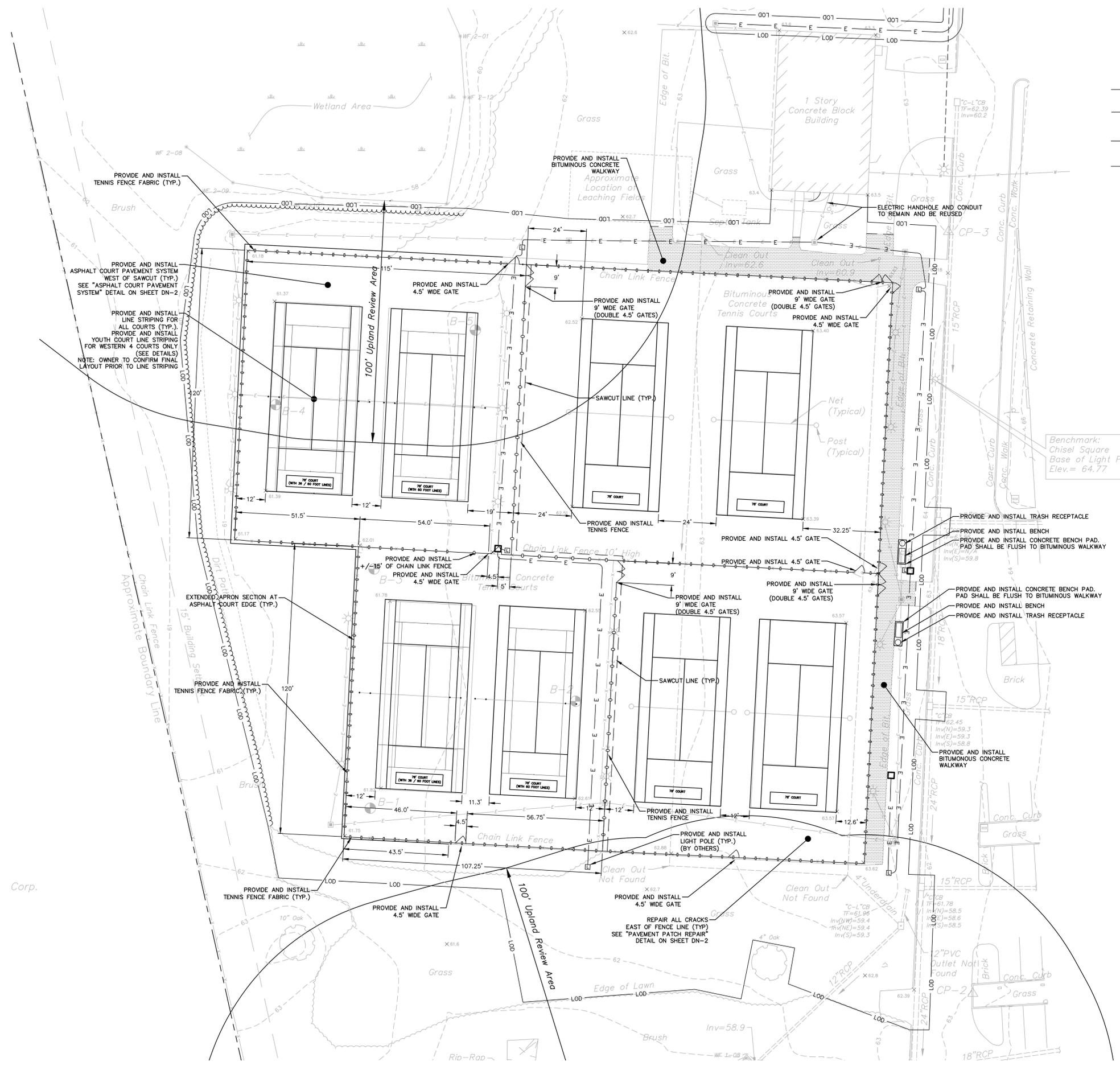
Sheet No. **SP-1**

SITE PLAN LEGEND

-  BITUMINOUS CONCRETE WALKWAY (ASPHALT)
-  LOD LIMIT OF DISTURBANCE
-  10' CHAIN LINK TENNIS FENCE
-  CHAIN LINK TENNIS FENCE FABRIC
-  SEE GDU-1 FOR ELECTRICAL CONDUIT PLAN
-  LIGHT POLE (BY OTHERS)
-  PROVIDE AND INSTALL NEW FENCE POSTS AND RAILS AT ALL GATE LOCATIONS
-  LOAM AND SEED AREAS WITHIN LIMITS OF DISTURBANCE AND OUTSIDE AREAS OF TENNIS COURTS AND PAVEMENTS

SITE DISTURBANCE

AREA	PROPOSED UPLAND REVIEW AREA DISTURBANCE
WETLAND #1	12,288 SF (0.28 AC)
WETLAND #2	18,690 SF (0.43 AC)
TOTAL	30,978 SF (0.71 AC)



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GRADING, DRAINAGE, AND UTILITIES LEGEND

- LOD — LIMIT OF DISTURBANCE
- + 61.67 SPOT GRADES
(ALL SPOT GRADES TAKEN AT PROPOSED FENCE CORNERS. PLEASE NOTE THAT ASPHALT SURFACE SHOULD EXTEND 1' BEYOND FENCE PER DETAILS)
- 61 — PROPOSED 1' CONTOURS
- - - 6" PERFORATED HDPE PIPE
- 6" HDPE PIPE
- L LIGHT POLE (BY OTHERS)

CONDUIT AND HANDHOLE SPECIFICATIONS

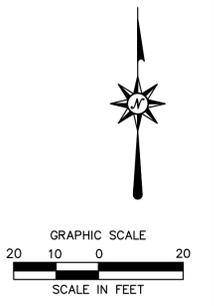
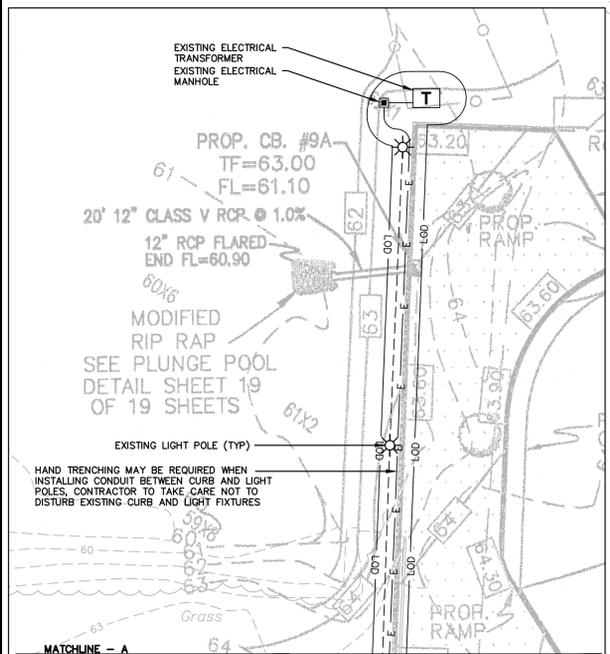
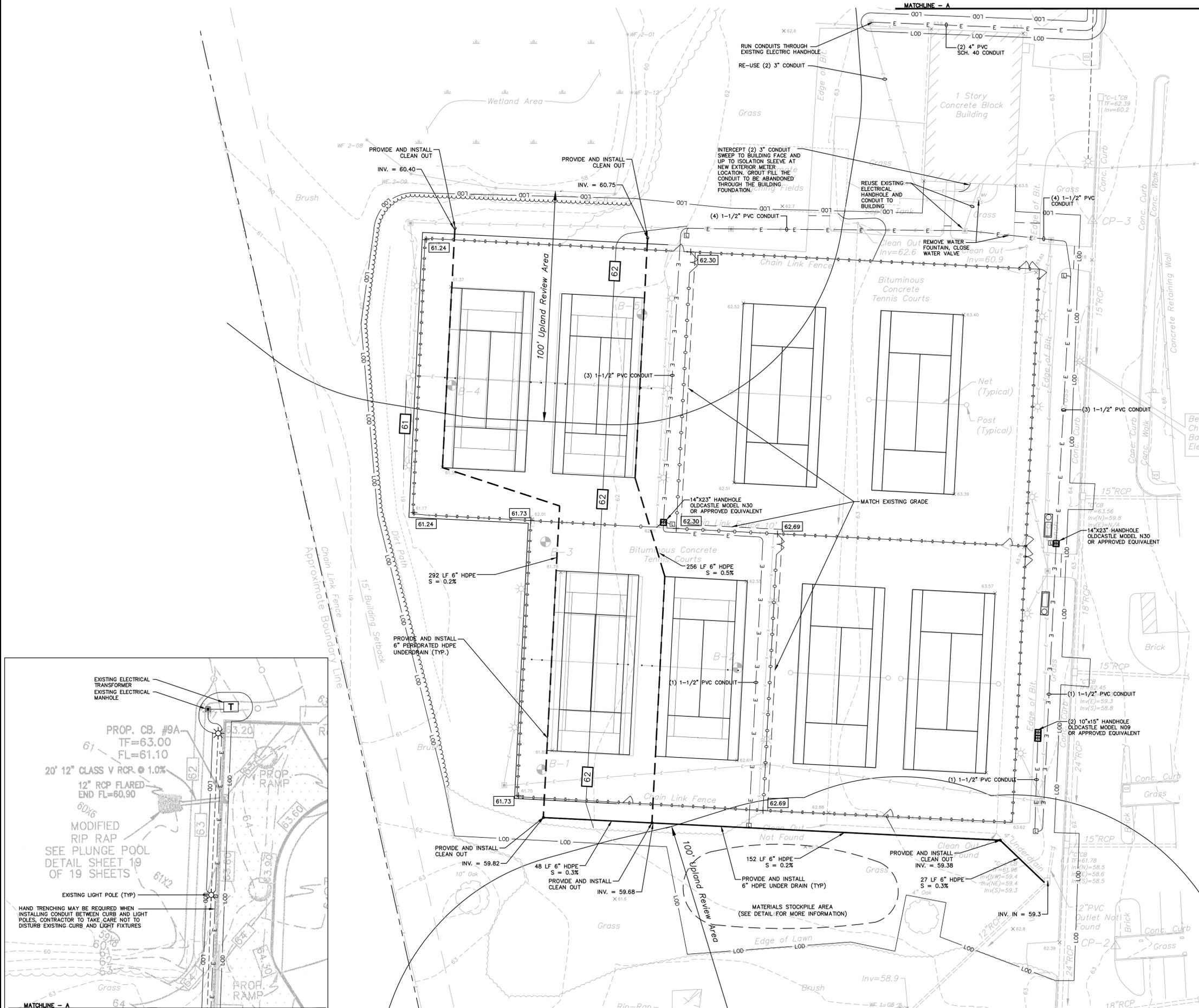
- CONDUIT:**
- RIGID POLYVINYL CHLORIDE (PVC) SCHEDULE 40 SHALL BE USED FOR WIRING IN THE FOLLOWING LOCATIONS:
 - BURIED UNDER GRADE FOR SERVICE ENTRANCE PRIMARY AND SECONDARY CONDUCTORS.
 - LIGHTING AND POWER BRANCH CIRCUIT WIRING BURIED UNDER GRADE.
 - BELOW CONCRETE SLABS.
 - EXPOSURE TO MOISTURE.
 - PVC CONDUIT SHALL BE:
 - CORROSION PROOF.
 - NON MAGNETIC AND NON GALVANIC.
 - SELF EXTINGUISHING.
 - IMPACT RESISTANT.
- HANDHOLE:**
- 14"x23" HANDHOLE, OLDCASTLE MODEL N30 OR APPROVED EQUIVALENT, WITH OPEN BOTTOM, RATED FOR LIGHT DUTY PEDESTRIAN LOADS.
 - 10"x15" HANDHOLE, OLDCASTLE MODEL N09 OR APPROVED EQUIVALENT, WITH OPEN BOTTOM, RATED FOR LIGHT DUTY PEDESTRIAN LOADS.

REFERENCE

- Electrical General Notes, Symbol Legend, Abbreviations and Specification sheet E0.01 prepared by BL Companies and dated 05/12/2014
- Electrical Panel Schedules, One Line Diagrams, and Details sheet E0.02 prepared by BL Companies and dated 05/12/2014
- Electrical Site Plan sheet E1.01 prepared by BL Companies and dated 05/12/2014

NOTES

- Cutting and patching shall be done in accordance with sheet E0.01



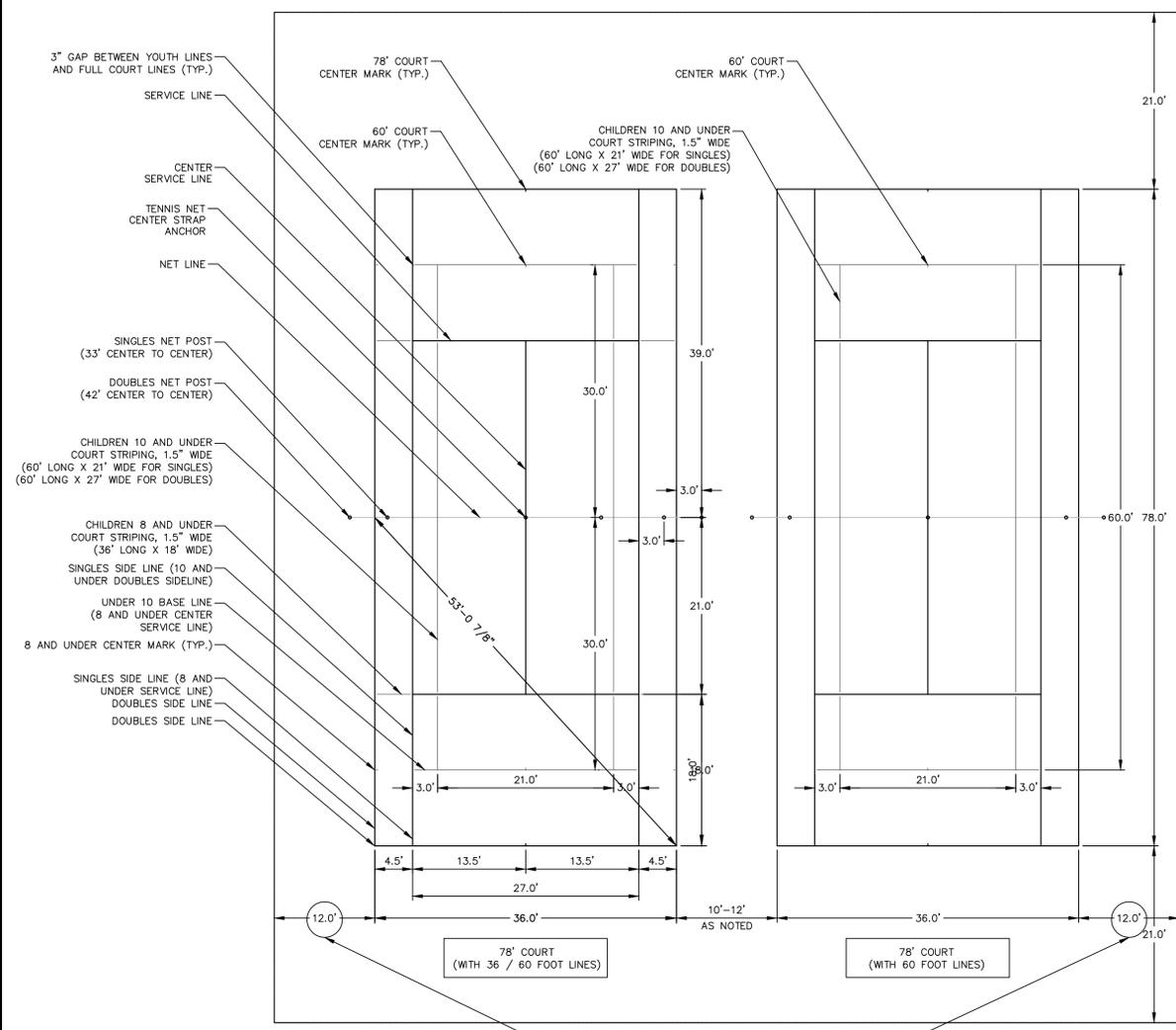
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REVISIONS	No.	Date	Desc.	PLANNING AND ZONING SUBMISSION	CONSTRUCTION DOCUMENTS	USA AND TOWN COMMENTS	ISSUED FOR CONSTRUCTION	APPENDIX 002	RE-BID
	1	6/6/14							
	2	10/30/14							
	3	04/20/15							
	4	05/11/15							
	5	06/05/15							
	6	10/23/15							

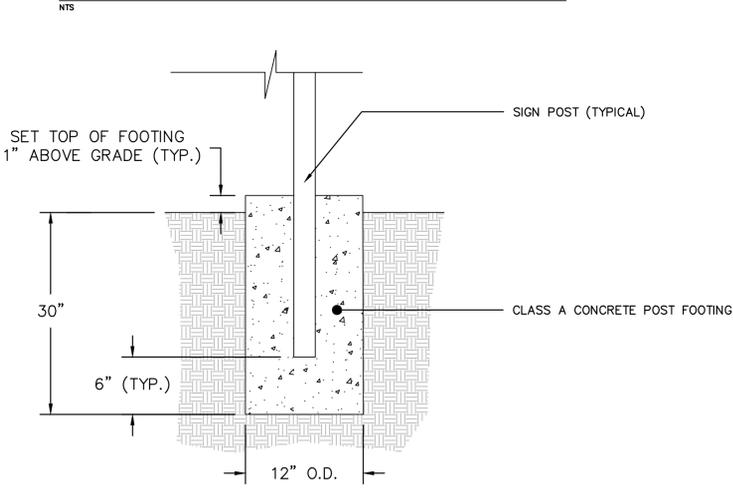
Designed: J.A.K.
Drawn: J.A.K.
Checked: R.G.
Approved: _____
Scale: 1"=20'
Project No.: 13C4591
Date: 05/12/14
CAD File: GDU13C459101
Title: GRADING, DRAINAGE, AND UTILITIES PLAN
Sheet No.: GDU-1

TENNIS COURT RENOVATIONS
EAST HARTFORD HIGH SCHOOL
FORBES STREET, EAST HARTFORD, CT

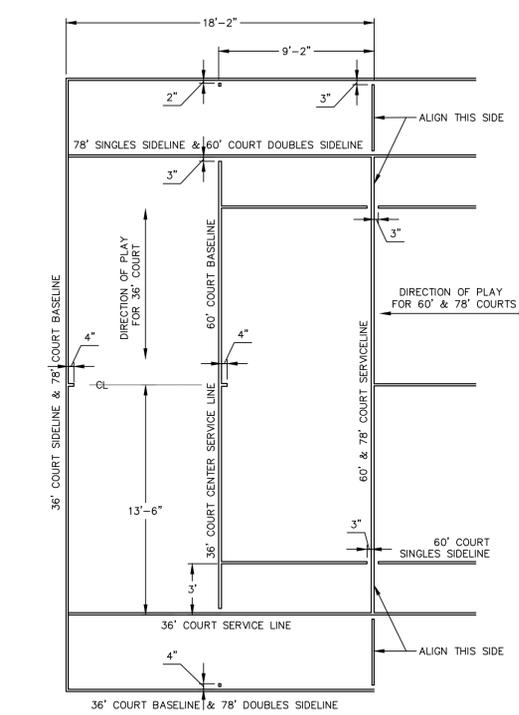


NOTES:
1.) ALL DIMENSIONS ARE TO THE OUTSIDE EDGE OF THE PLAYING LINES, WITH THE EXCEPTION OF THE CENTER LINES WHICH ARE MEASURED OUT TO CENTER.
2.) THE CENTER SERVICE LINE AND CENTER MARKS SHALL BE 2 INCHES WIDE. OTHER LINES SHALL BE 1-1/2" WIDE.
LAYOUT AND DIMENSIONS ARE BASED ON INFORMATION FROM USTA.COM

LINE STRIPING LAYOUT

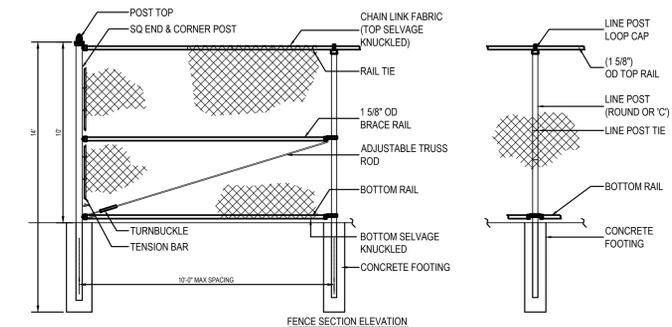


SALVAGED FACILITY SIGN POST FOOTING



NOTES:
1. 10 AND UNDER TENNIS PLAYING LINES SHALL BE TEXTURED LINE PAINT WITHIN THE SAME FAMILY AS THE 78 FOOT COURT COLOR.
2. ALL 10 AND UNDER TENNIS PLAYING LINES SHALL TERMINATE 3 INCHES FROM THE 78 FOOT COURT LINES.
3. ALL 10 AND UNDER TENNIS PLAYING LINES SHALL BE 1-1/2" WIDE.
4. ALL 10 AND UNDER TENNIS PLAYING LINES SHALL BE MEASURED OUT TO OUT, WITH EXCEPTION OF THE CENTER LINES WHICH SHALL BE MEASURED OUT-TO-CENTER.
5. THE CENTER MARK FOR THE 36 FOOT COURT SHALL BE SET 2 INCHES OFF THE 78 FOOT COURT DOUBLES SIDELINE AND SHALL BE 2 INCHES LONG BY 1-1/2" WIDE.

36' & 60' BLENDED LINES DETAIL

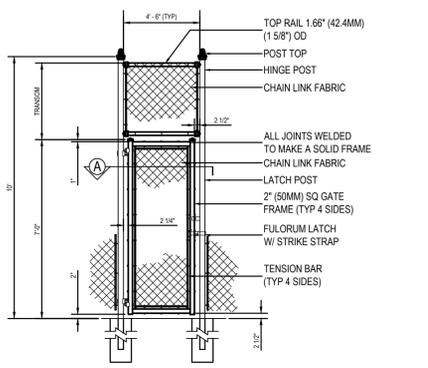


FENCE SECTION ELEVATION
NOT TO SCALE

END & CORNER POST TOP OPTIONS		TOP & BOTTOM FABRIC
<input type="checkbox"/> STANDARD	<input type="checkbox"/> DOME	<input checked="" type="checkbox"/> KNUCKLE

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

10' TENNIS FENCE

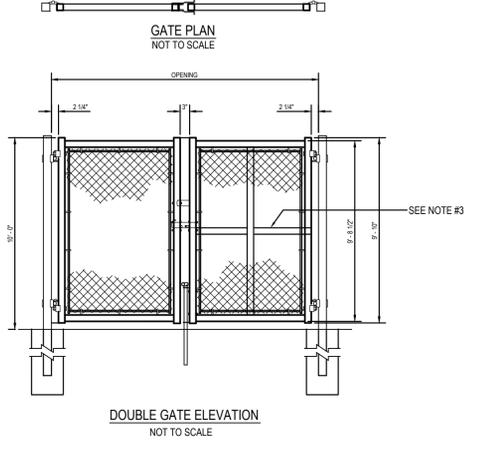


GATE ELEVATION
NOT TO SCALE

<input checked="" type="checkbox"/> SELECT DESIRED OPTION	END & CORNER POST TOP OPTIONS
<input type="checkbox"/> STANDARD	<input type="checkbox"/> FLAT
NOM HEIGHT (H)	
7'-0"	
OPENING (F/F)	
4'-6"	

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

TENNIS SWING GATE



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

DOUBLE SWING GATE

REVISIONS

No.	Date	Desc.
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4	05/11/15	ISSUED FOR CONSTRUCTION
5	06/05/15	ADDENDA 002
6	10/23/15	RE-BID

Designed: J.A.K.
Drawn: J.A.K.
Checked: R.G.
Approved: AS SHOWN
Project No: 13C4591
Date: 05/12/14

CAD File: DN13C459101

Title: DETAILS

Sheet No.

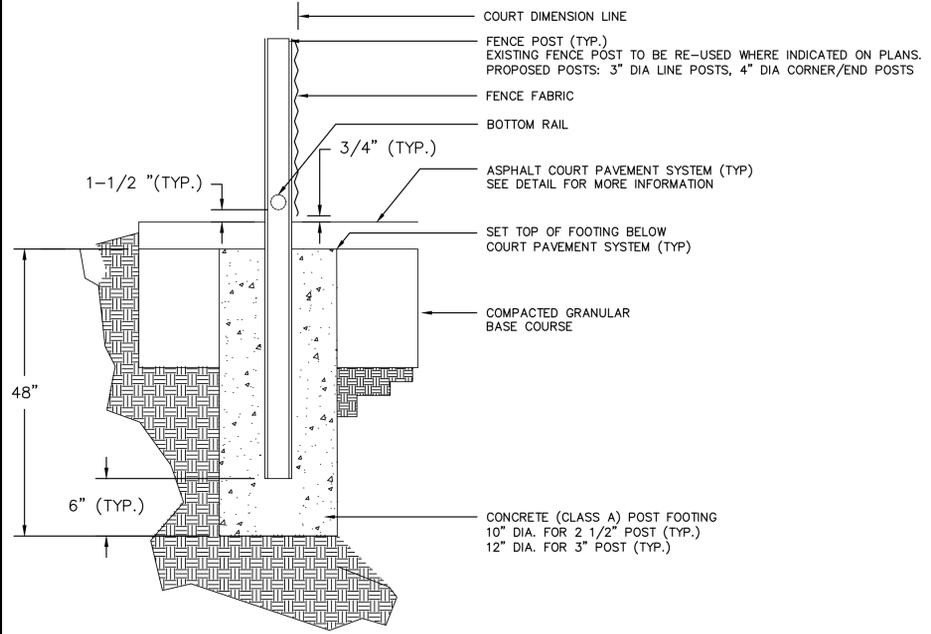
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Revisions	No.	Date	Desc.
	1	6/6/14	PLANNING AND ZONING SUBMISSION
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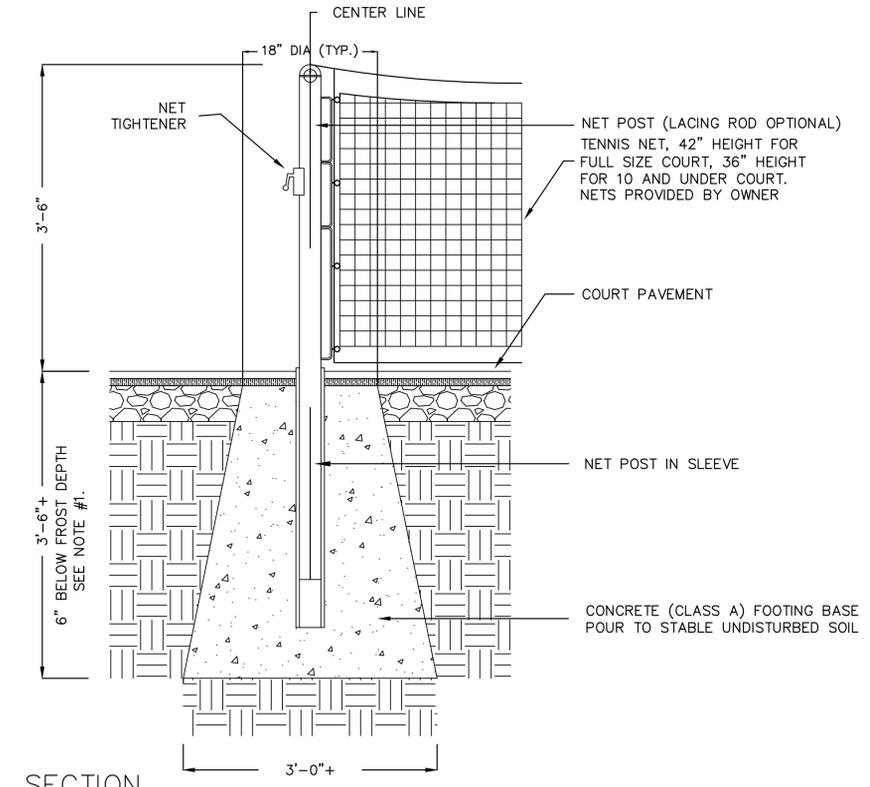
Designed: J.A.K.
 Drawn: J.A.K.
 Checked: R.G.
 Approved:
 Scale: AS SHOWN
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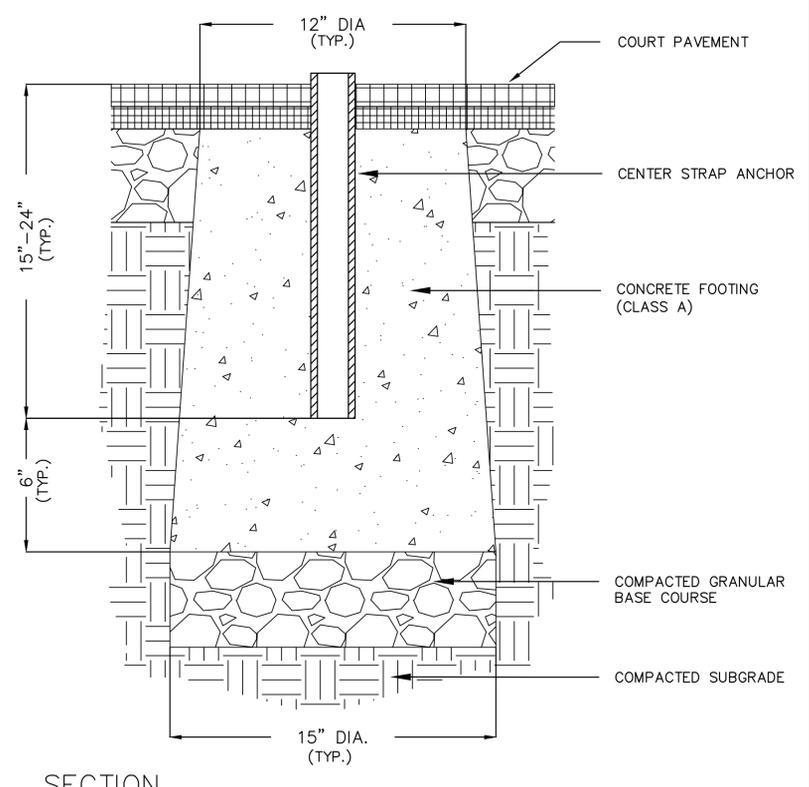
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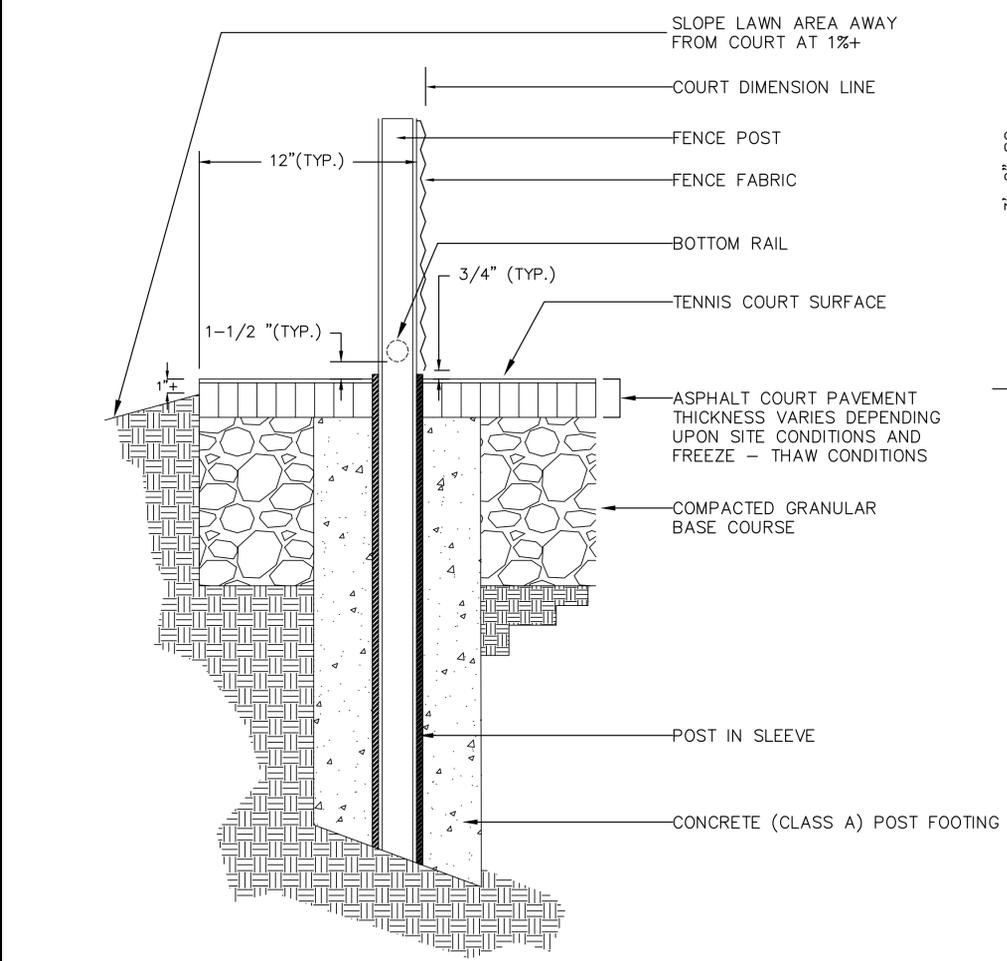
FENCE POST FOOTING - TYPICAL CLF
 NTS



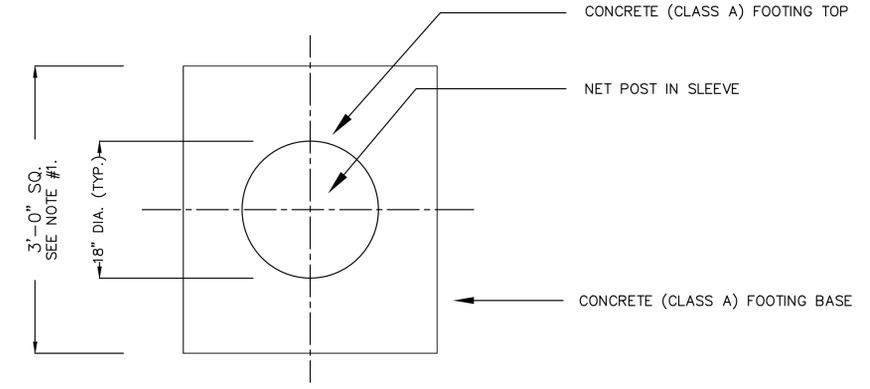
SECTION



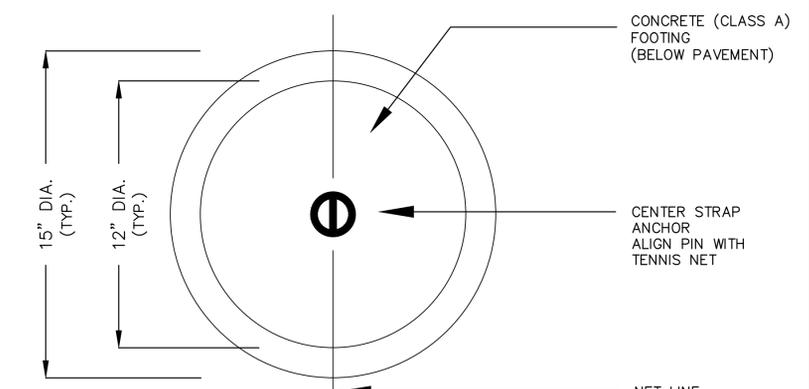
SECTION



EXTENDED APRON SECTION AT ASPHALT COURT EDGE
 NTS



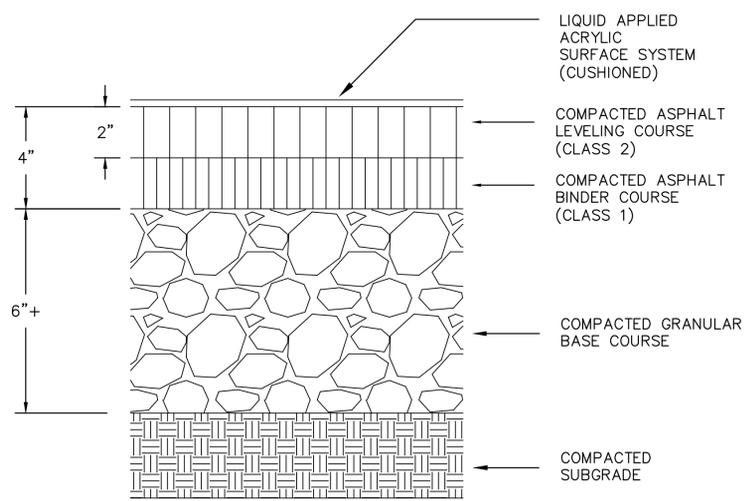
PLAN



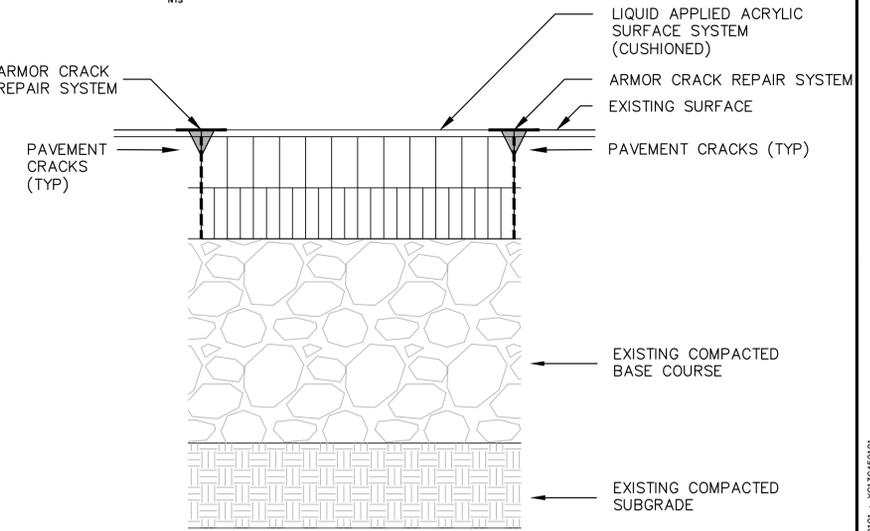
PLAN

TENNIS NET POST FOOTING - PYRAMID SHAPE
 NTS

TENNIS NET CENTER STRAP ANCHOR
 NTS

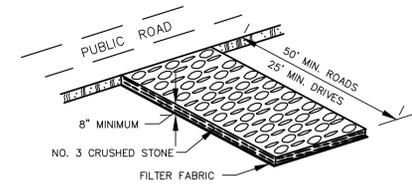


ASPHALT COURT PAVEMENT SYSTEM
 NTS

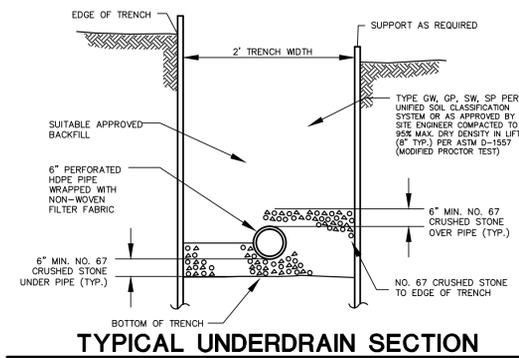


PAVEMENT PATCH REPAIR DETAIL
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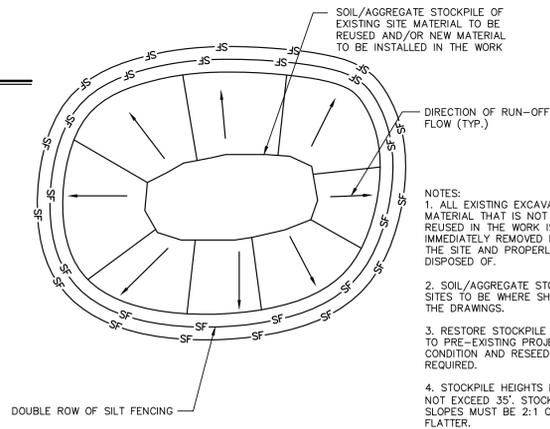
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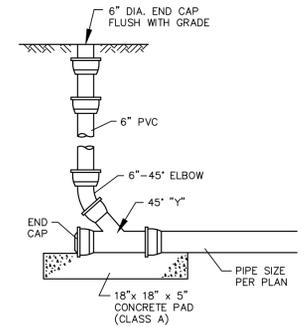
CONSTRUCTION ENTRANCE
 N.T.S. CTEC-001



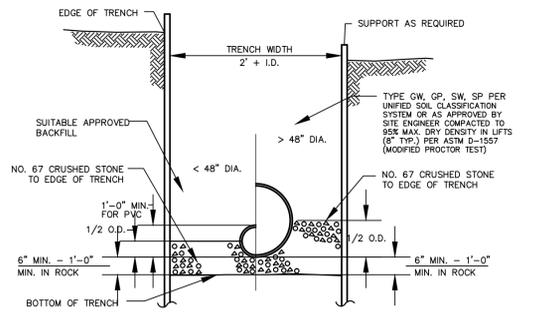
TYPICAL UNDERDRAIN SECTION
 N.T.S.



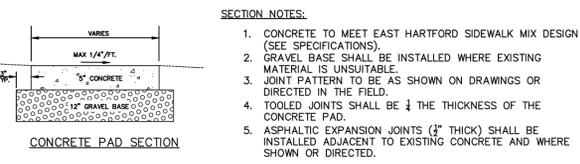
MATERIALS STOCKPILE DETAIL
 N.T.S. BLEC-006



CLEANOUT DETAIL IN LANDSCAPED AREA
 N.T.S. BLS-007

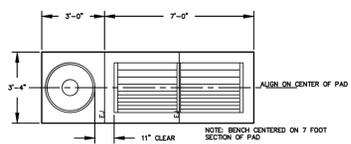


TYPICAL STORM SEWER TRENCH SECTION
 N.T.S. BLDD-004



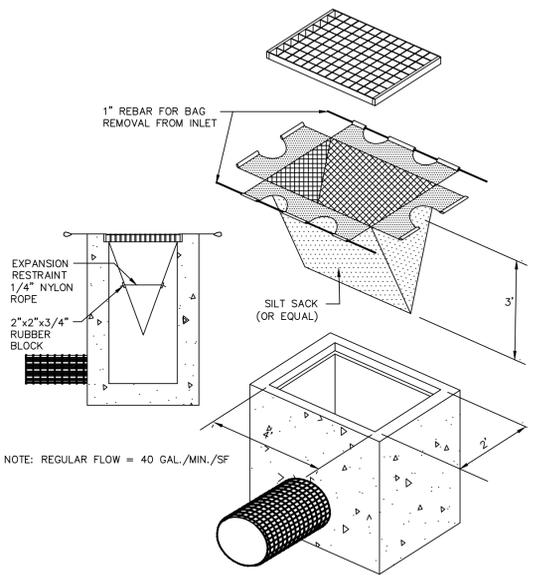
CONCRETE PAD SECTION

- SECTION NOTES:**
1. CONCRETE TO MEET EAST HARTFORD SIDEWALK MIX DESIGN (SEE SPECIFICATIONS).
 2. GRAVEL BASE SHALL BE INSTALLED WHERE EXISTING MATERIAL IS UNSUITABLE.
 3. JOINT PATTERN TO BE AS SHOWN ON DRAWINGS OR DIRECTED IN THE FIELD.
 4. TOOLED JOINTS SHALL BE 1/4 THE THICKNESS OF THE CONCRETE PAD.
 5. ASPHALTIC EXPANSION JOINTS (1/4" THICK) SHALL BE INSTALLED ADJACENT TO EXISTING CONCRETE AND WHERE SHOWN OR DIRECTED.

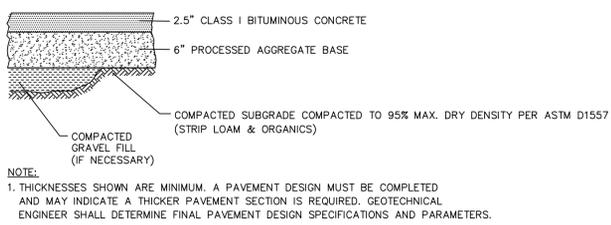


PAD LAYOUT - COMBINED BENCH/TRASH RECEPTACLE

BENCH PAD DETAIL



SILTSACK DETAIL
 N.T.S. BLEC-005

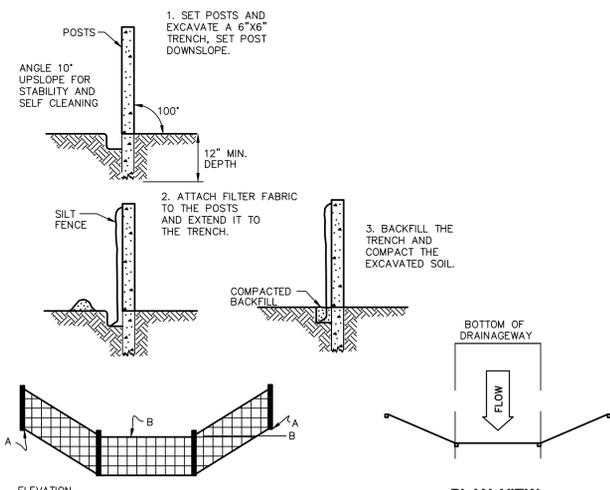


BITUMINOUS CONCRETE SIDEWALK

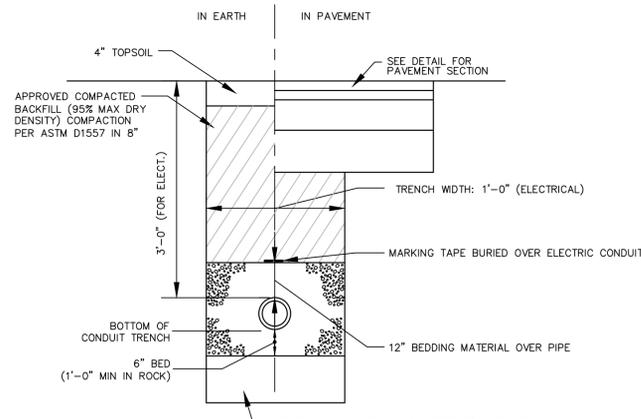
- NOTE:**
1. THICKNESSES SHOWN ARE MINIMUM. A PAVEMENT DESIGN MUST BE COMPLETED AND MAY INDICATE A THICKER PAVEMENT SECTION IS REQUIRED. GEOTECHNICAL ENGINEER SHALL DETERMINE FINAL PAVEMENT DESIGN SPECIFICATIONS AND PARAMETERS.

STRAW BALE BARRIER
 N.T.S. BLEC-007

STRAW BALE BARRIERS SHOULD NOT BE USED FOR MORE THAN 3 MONTHS
 SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE ABOVE GROUND HEIGHT OF THE BARRIER.
 ANY SECTION OF STRAW BALE BARRIER WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET.



GEOTEXTILE FENCE
 N.T.S. CTEC-003



ELECTRICAL TRENCH
 N.T.S.



ARCHITECTURE
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ENVIRONMENTAL SCIENCES

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Hartford, CT 06103
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TENNIS COURT RENOVATIONS
EAST HARTFORD HIGH SCHOOL
FORBES STREET, EAST HARTFORD, CT

REVISIONS
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5 06/05/15 APPENDIX 002
6 10/23/15 RE-BID

Designed J.A.K.
Drawn J.A.K.
Checked R.G.
Approved
Scale AS SHOWN
Project No. 13C4591
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CAD File: DN13C459101

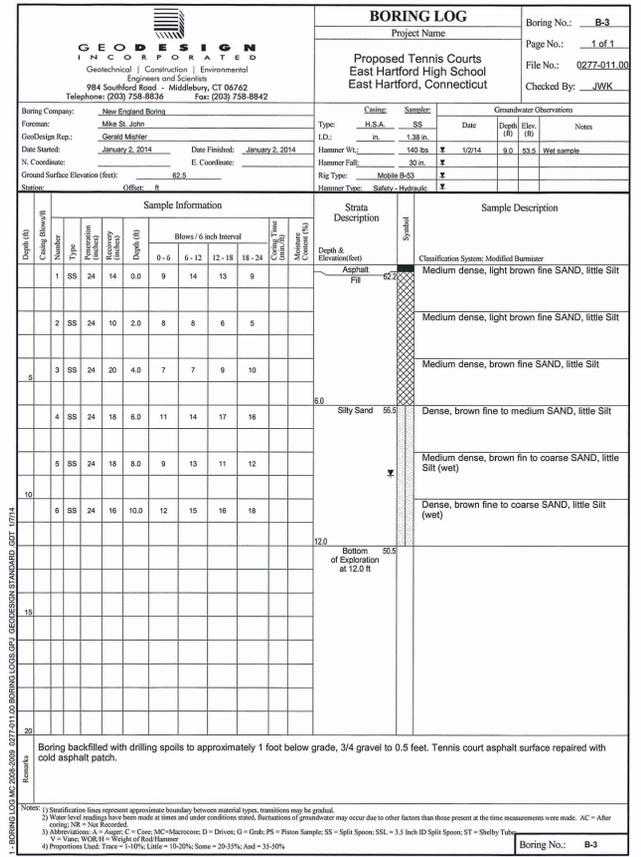
Title

DETAILS

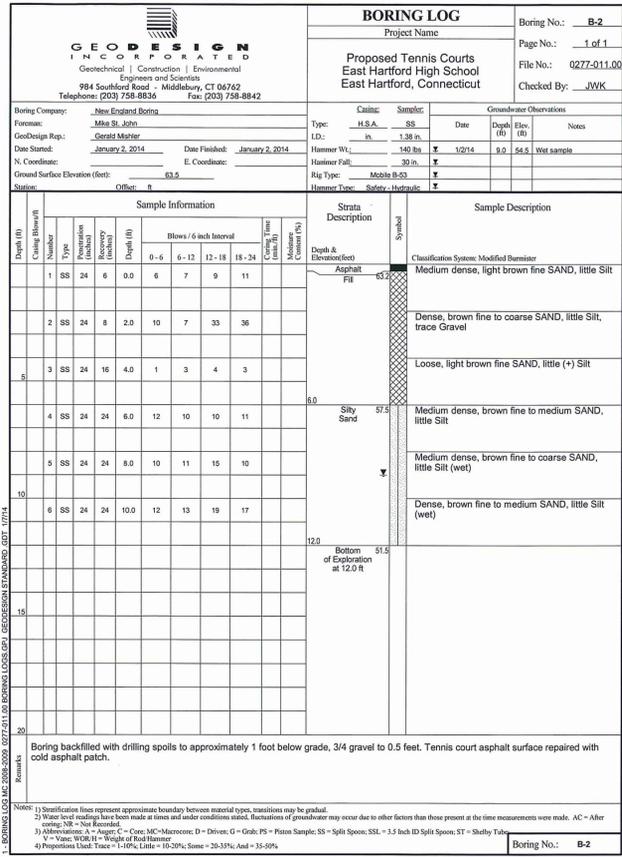
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DN-5

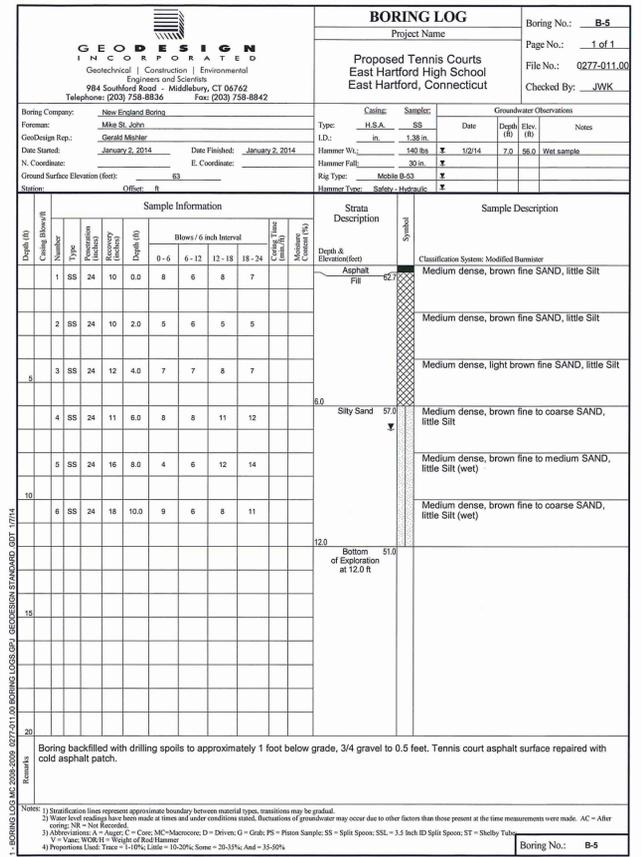
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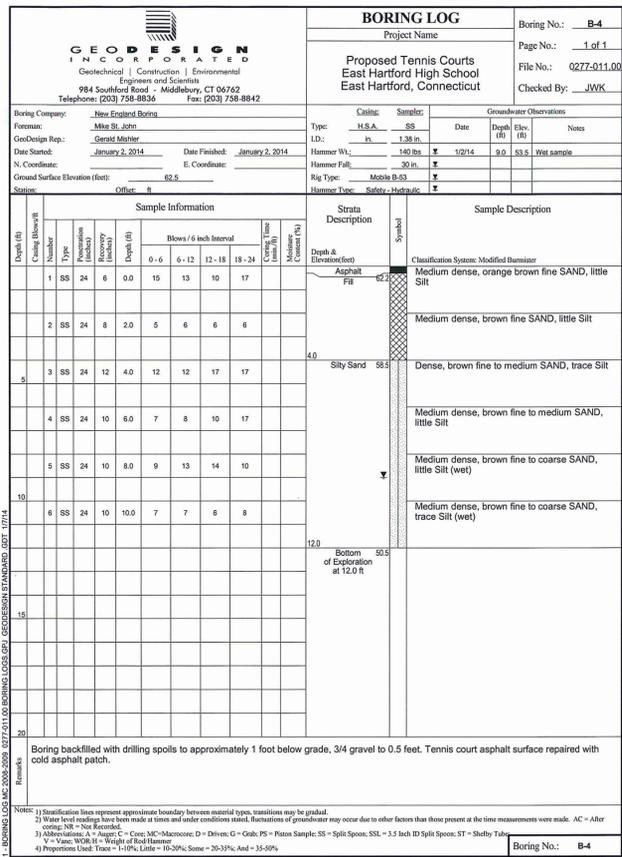
BORING LOG B-3



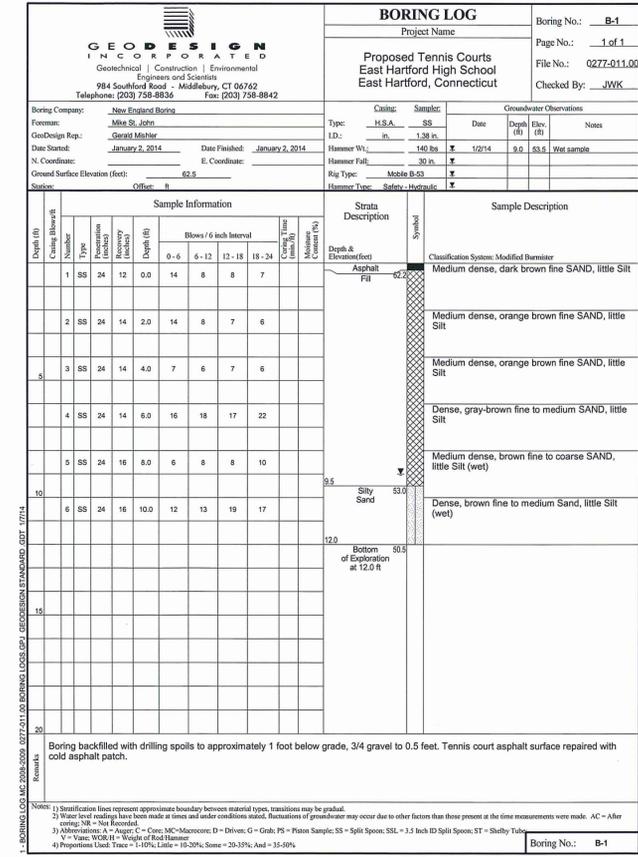
BORING LOG B-2



BORING LOG B-5

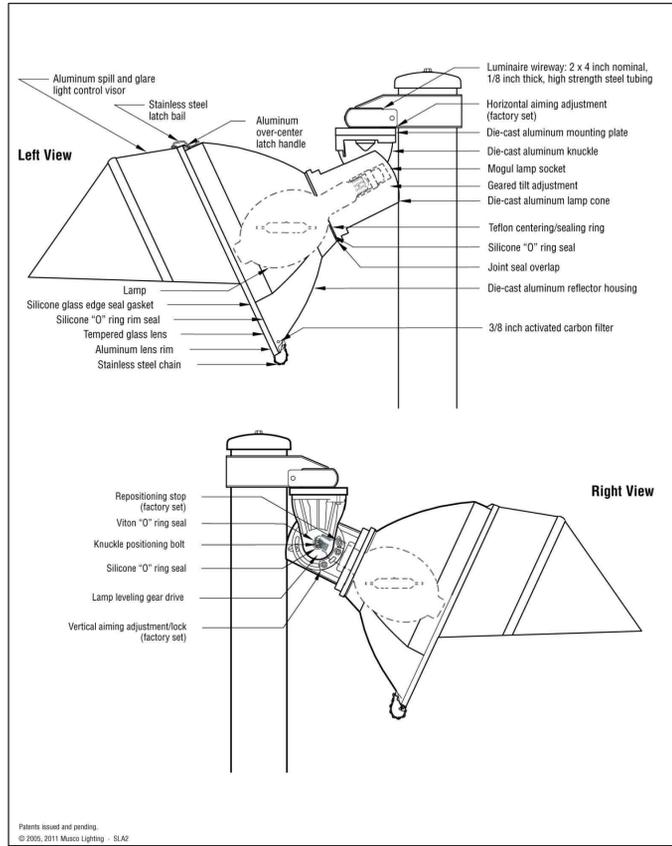


BORING LOG B-4

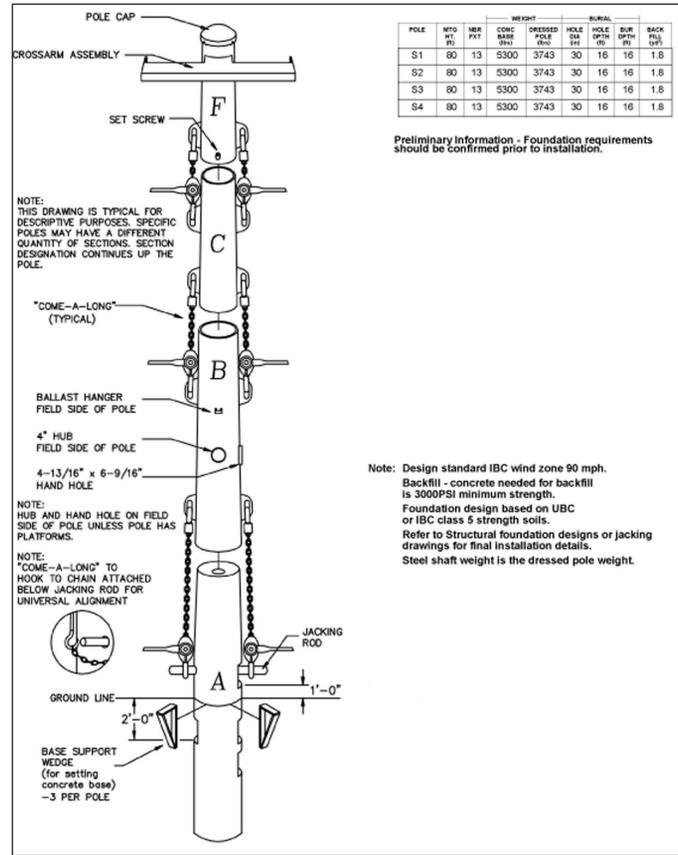


BORING LOG B-1

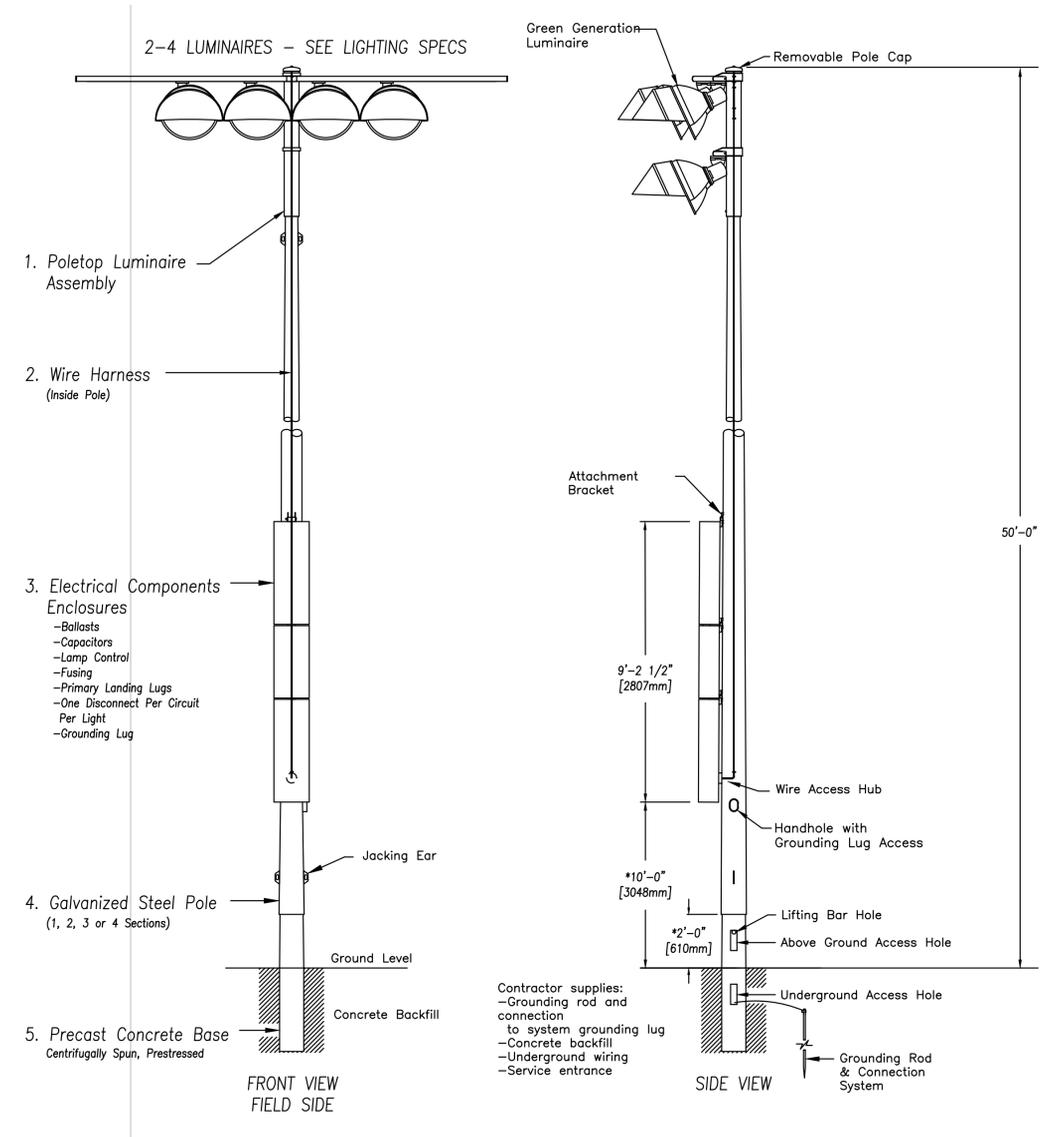
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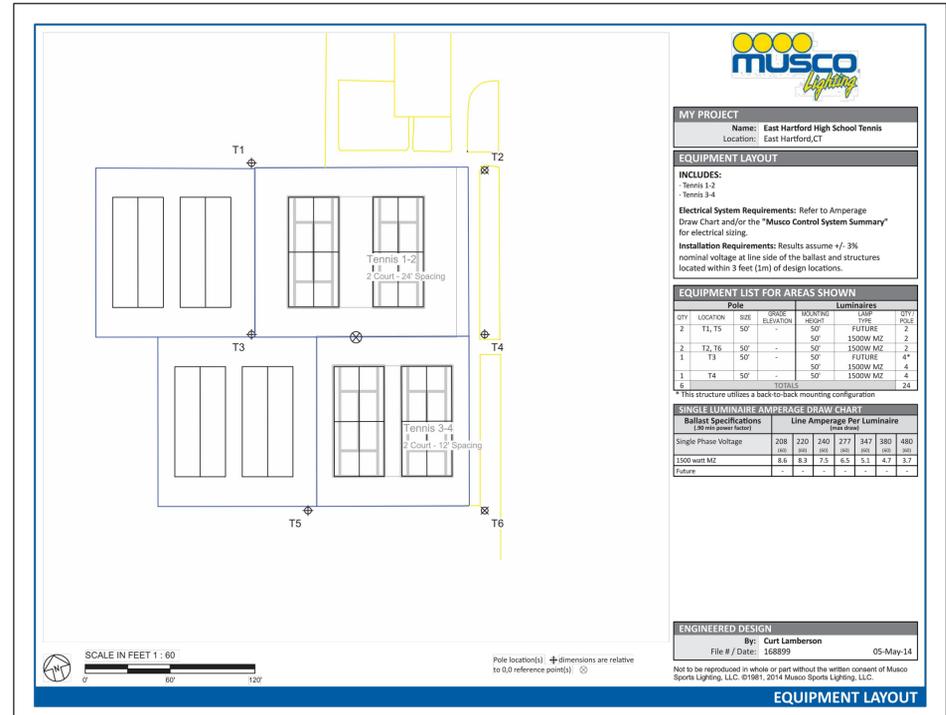
LUMINAIRE ASSEMBLY



FOUNDATION AND POLE ASSEMBLY DETAIL



TENNIS COURT LIGHT POLE



LIGHTING

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