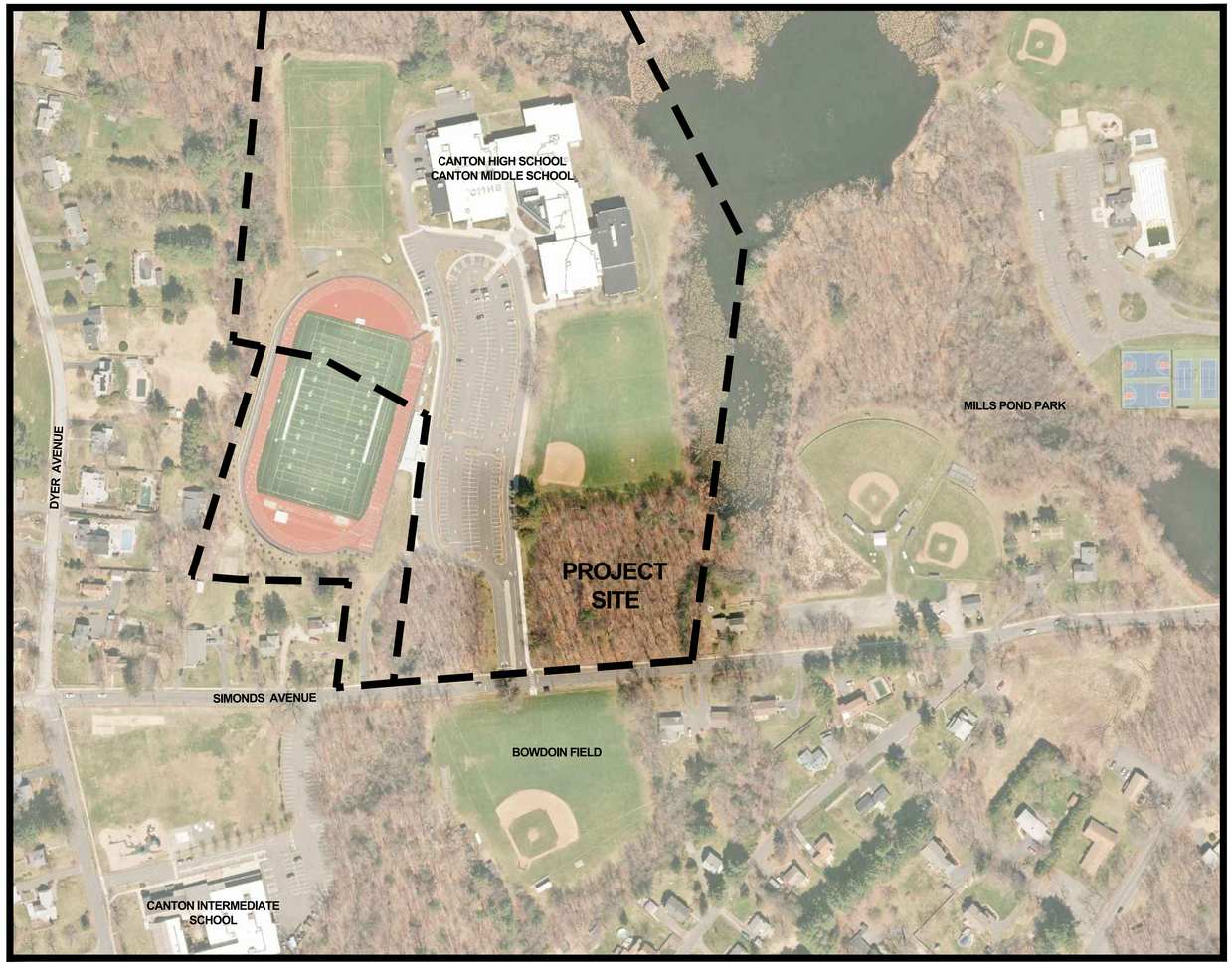
DYER SOFTBALL FIELD RELOCATION PROJECT

76 Simonds Avenue **Collinsville, Connecticut**



Project Site NTS

CONTENTS

CONSTRUCTION DOCUMENTS 7.29.2021

Prepared for The Town of Canton, Connecticut

Glenn Cusano, Project Administrator

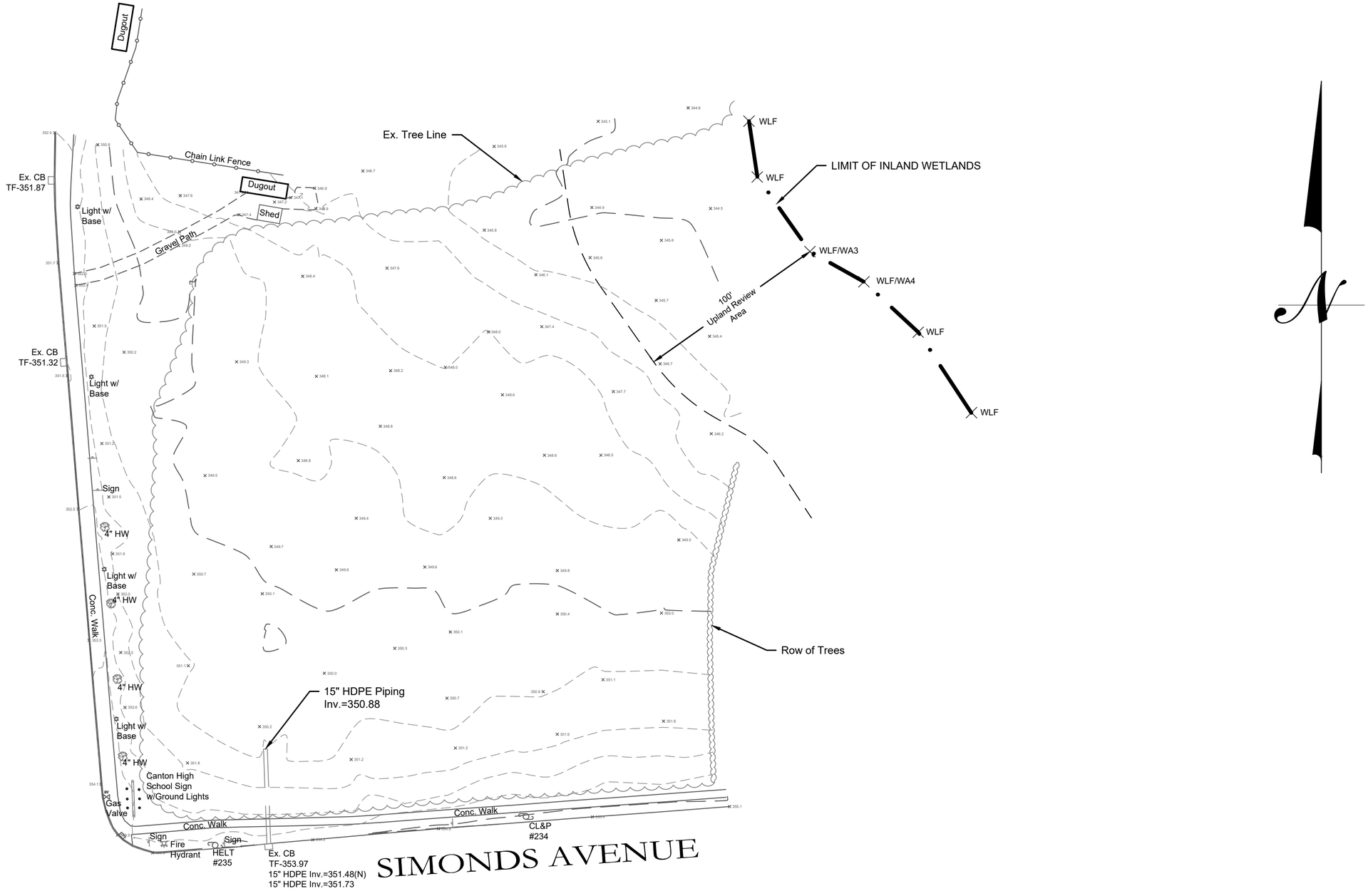
Prepared by:

todesign
SITE DESIGN
LANDSCAPE ARCHITECTURE
URBAN PLANNING

114 WEST MAIN STREET
SUITE 202
NEW BRITAIN, CT 06051
860-612-1700

todesignllc.com

CREATING MEANINGFUL OUTDOOR SPACES



SURVEY NOTES:

1. This map has been prepared pursuant to the Regulation 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.

2. Type of survey performed: Topographic Survey

3. Boundary determination category: None Implied

4. Class of accuracy:
   Horizontal: D
   Vertical: T-2

5. The intent of this map is to be used as a base for the design process. Any boundary information on map is approximate and for general orientation purposes only. .

6. This survey does not include the location of any underground improvements or encroachments, subsurface utility lines or buried debris. Nor does it necessarily reflect the existence of any waste dumps or hazardous materials. The underground items depicted or noted are approximate and are not guaranteed. Notify "CALL BEFORE YOU DIG" 1-800-922-4455 prior to any excavation operations.

DATE	REVISION

To the best of my knowledge and belief, this map is substantially correct as noted hereon.

#70145

Stephen M. Giudice, L.S. Reg. No.

NOT VALID UNLESS EMBOSSED SEAL OR STAMP IS AFFIXED HERETO

TOPOGRAPHIC SURVEY MAP

Prepared For

TO DESIGN, LLC

Canton High School Softball Field
Simonds Avenue, Collinsville, Connecticut

April 14, 2021 Scale: 1" = 40'

40' 20' 0 20' 40'

F.B. #: PROJECT #: 2104

cole
HARRY E. COLE & SON
engineering. surveying. planning.

876 South Main Street
P.O. Box 44
Plantsville, CT 06479 - 0044

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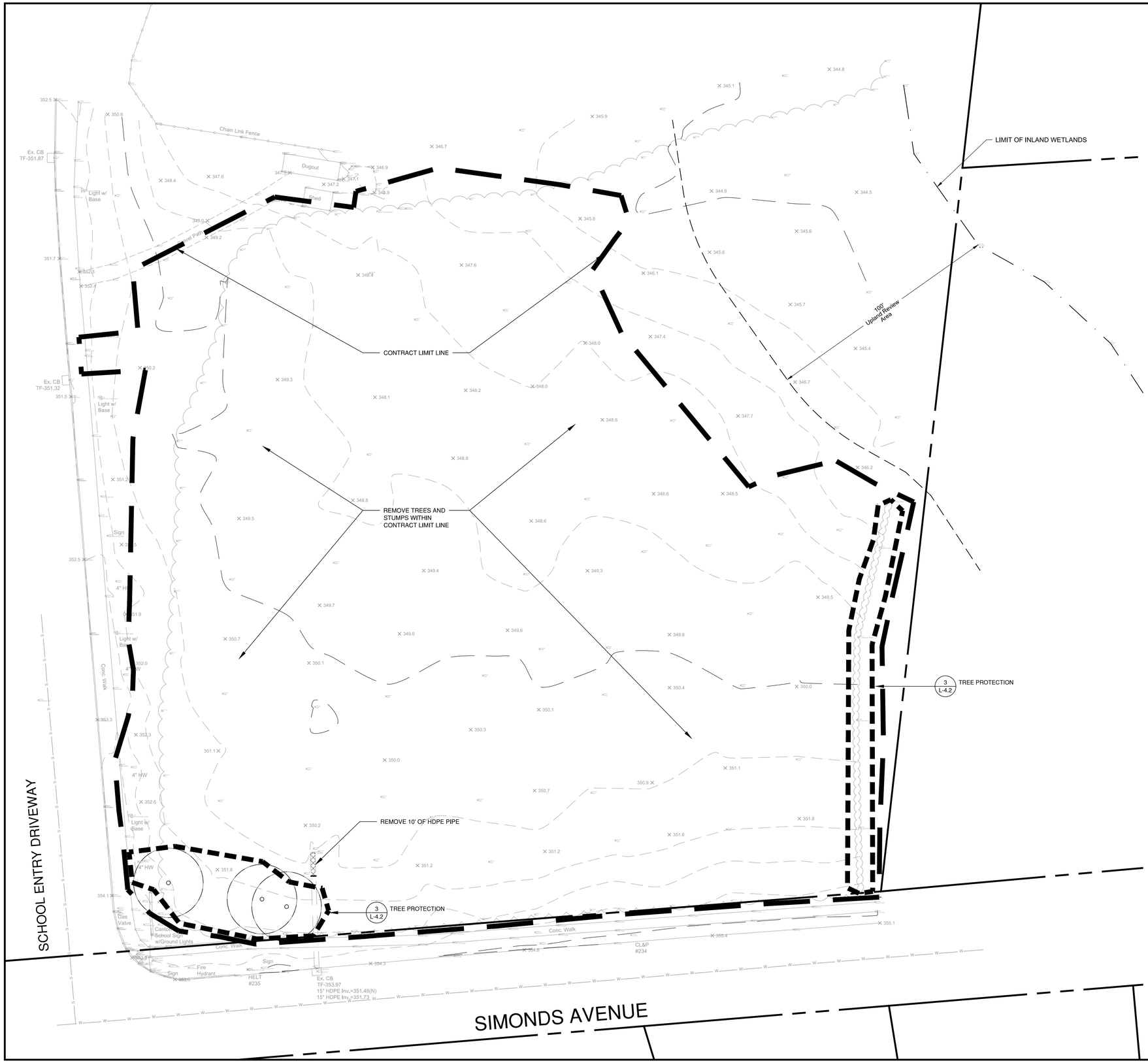

DEMOLITION NOTES

1. CONTRACTOR SHALL STRIP AND STORE TOPSOIL IN ALL AREAS TO BE DISTURBED OR REGRADED. LOCATION OF TOPSOIL STOCKPILE TO BE DESIGNATED BY TOWN ENGINEER.
2. ALL MATERIAL TO BE REMOVED SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR AWAY FROM THE SITE OR DELIVERED AS DIRECTED BY THE OWNER.
3. LOCATION OF ALL UTILITIES ARE SHOWN DIAGRAMMATICALLY & MAY BE INCOMPLETE. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DONE BY THIS WORK SHALL BE REPAIRED BY THE CONTRACTOR.
4. PROTECTION OF ALL EXISTING TREES TO REMAIN SHALL BE A PRIORITY. INSTALL TREE PROTECTION AS INDICATED. DO NOT STOCKPILE, PARK OR PERFORM ANY MECHANICAL OPERATIONS WITHIN THE DRIPLINE OF EXISTING TREES AS INDICATED IN THE DETAILS. NO STORAGE OF MATERIALS OR SOIL SHALL BE ALLOWED IN THESE AREAS. ALL FILL AND EXCAVATION REQUIRED WITHIN THE DRIPLINE OF ALL EXISTING TREES TO REMAIN SHALL BE COMPLETED BY HAND UNLESS OTHERWISE APPROVED BY LANDSCAPE ARCHITECT.
5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING TREES AND VEGETATION. DAMAGE TO VEGETATION SHALL BE REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS BY THE CONTRACTOR.
6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1.800.922.4455. THE RESPECTIVE UTILITY COMPANIES AND LOCAL AUTHORITIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES. ANY COSTS INCURRED BY THE CONTRACTOR AS A RESULT OF FAILURE TO CONTACT PROPER AUTHORITIES SHALL BE BORN BY THE CONTRACTOR.
7. OWNER'S REPRESENTATIVE SHALL BE CONSULTED BEFORE ANY WORK SHALL COMMENCE.
8. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL SECURE ALL PERMITS REQUIRED FROM ANY UTILITY COMPANY OR OTHER GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE WORK.
9. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES.
10. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO HIS CONTRACT OPERATIONS.
11. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
12. CONTRACTOR SHALL MAINTAIN PROPER SIGNS, BARRICADES, AND FENCES TO PROPERLY PROTECT THE WORK EQUIPMENT, PERSONS AND PROPERTY FROM DAMAGE.
13. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE, AND LEGALLY DISPOSED OF OFF-SITE BY CONTRACTOR.

SURVEY REFERENCE

SURVEY INFORMATION FROM PLAN ENTITLED: "TOPOGRAPHIC SURVEY MAP PREPARED FOR TO DESIGN, LLC CANTON HIGH SCHOOL SOFTBALL FIELD SIMONDS AVENUE, COLLINSVILLE, CONNECTICUT", SCALE 1" = 40', DATED APRIL 14, 2021, BY HARRY E. COLE & SON 876 SOUTH MAIN STREET P.O. BOX 44, PLANTSVILLE, CT 06479-0044.

NOTE TO CONTRACTOR

PROPERTY LINES WERE DERIVED FROM TOWN OF CANTON GIS INFORMATION. CONTRACTOR TO LOCATE PROPERTY PINS AND ESTABLISH PROPERTY LINES.

LEGEND

EXISTING

- PROPERTY LINE
- WETLANDS
- UPLAND REVIEW AREA
- CURB
- CONTOUR 1 FT
- CONTOUR 10 FT
- SPOT GRADE
- CATCH BASIN
- HYDRANT
- UTILITY POLE
- LIGHT
- TREE
- SITE ELEMENT TO BE REMOVED
- CONTRACT LIMIT
- TREE PROTECTION

20 0 20 40
1" = 20'

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SITE DESIGN
LANDSCAPE ARCHITECTURE
URBAN PLANNING

Prepared For:
TOWN OF CANTON

Consultant

PROPOSED:
DYER SOFTBALL FIELD RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
Demolition Plan

Rev:

Issue Date: JULY 29, 2021

Scale: AS NOTED | Drawn by: JT/MD

Project number: 6381

Sheet #: L-1.0

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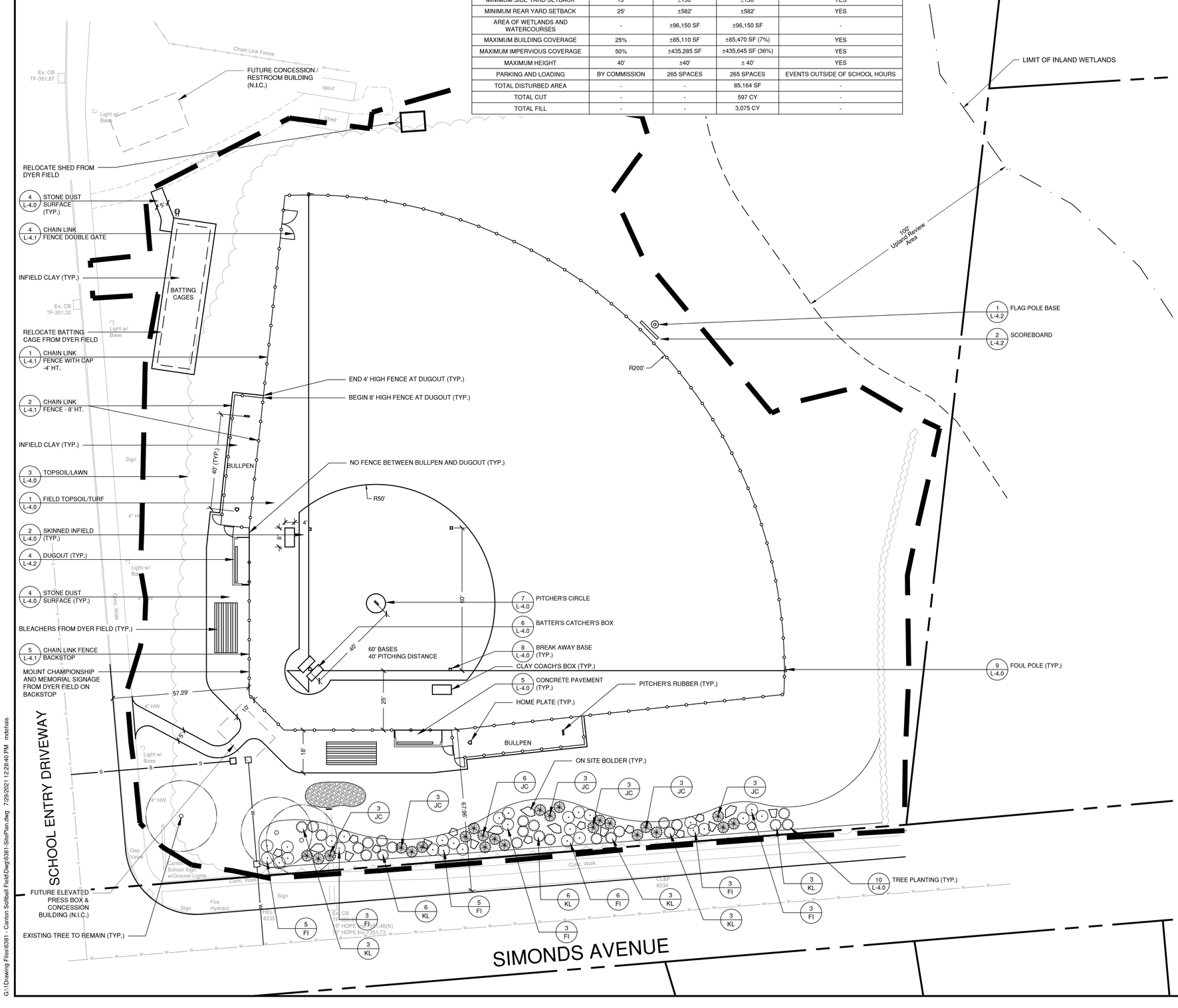
PLANT SCHEDULE

CATEGORY	SYM.	NO.	BOTANICAL NAME	COMMON NAME	SIZE	COND.
SHRUBS	FI	28	FORSYTHIA X INTERMEDIA 'LYNWOOD GOLD'	LYNWOOD GOLD FORSYTHIA	3' - 3 1/2'	CONT.
	JC	24	JUNIPERUS CHINENSES 'GLAUCA'	GLAUCA CHINESE JUNIPER	18" - 24"	CONT.
	KL	24	KALMIA LATIFOLIA 'OLYMPIC FIRE'	OLYMPIC FIRE MOUNTAIN LAUREL	24" - 30"	CONT.

ZONING INFORMATION

ZONE: MCPF / R-1	REQUIRED	EXISTING	PROPOSED	CONFORMANCE
LOT AREA	NONE	28.04 ACRES	28.04 ACRES	YES
MINIMUM FRONTAGE	30'	±599'	±599'	YES
MINIMUM FRONT YARD SETBACK	20'	±733'	±733'	YES
MINIMUM SIDE YARD SETBACK	15'	±150'	±150'	YES
MINIMUM REAR YARD SETBACK	25'	±582'	±582'	YES
AREA OF WETLANDS AND WATERCOURSES	-	±96,150 SF	±96,150 SF	-
MAXIMUM BUILDING COVERAGE	25%	±85,110 SF	±85,470 SF (7%)	YES
MAXIMUM IMPERVIOUS COVERAGE	50%	±435,285 SF	±435,645 SF (36%)	YES
MAXIMUM HEIGHT	40'	±40'	± 40'	YES
PARKING AND LOADING	BY COMMISSION	265 SPACES	265 SPACES	EVENTS OUTSIDE OF SCHOOL HOURS
TOTAL DISTURBED AREA	-	-	85,164 SF	-
TOTAL CUT	-	-	597 CY	-
TOTAL FILL	-	-	3,075 CY	-



LAYOUT NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS.
2. MATERIALS AND CONSTRUCTION PROCEDURES SHALL COMPLY WITH CT DOT FORM 816/817 AND THE TOWN OF CANTON SPECIFICATIONS.
3. CONTRACTOR TO SECURE ALL NECESSARY TRADE PERMITS.
4. NEW PAVEMENT TO MEET LINE & GRADE OF EXISTING PAVEMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONSTRUCTION ACTIVITIES.
6. LOAM AND SEED ALL DISTURBED AREAS NOT COVERED BY OTHER IMPROVEMENTS.
7. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED.
8. ALL LOCATIONS WHERE EXISTING CURBING, BITUMINOUS CONCRETE ROADWAY OR CONCRETE ROADWAY OR CONCRETE SIDEWALK ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO PROVIDE A CLEAN, SMOOTH EDGE. TACK COAT EXPOSED EDGES OF EXISTING CONCRETE PRIOR TO PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT.
9. FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE AND APPROPRIATE MUNICIPAL OFFICIALS PRIOR TO CONSTRUCTION.
10. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL AND HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
11. CONTRACTOR SHALL CONTROL DUST CAUSED BY HIS OPERATIONS BY APPLYING WATER OR DUST PALLIATIVE, OTHER THAN CALCIUM CHLORIDE.
12. CONTRACTOR SHALL CONTROL NOISE TO AS GREAT AN EXTENT AS POSSIBLE. ALL POWER EQUIPMENT USED DURING CONSTRUCTION SHALL BE EQUIPPED WITH MUFFLERS.
13. MANUFACTURED ITEMS SHALL BE INSTALLED, CONNECTED AND CLEANED ACCORDING TO THE MANUFACTURERS DIRECTIONS.
14. PRIOR TO PROJECT CLOSE-OUT, CONTRACTOR SHALL REMOVE ALL DEBRIS AND EXCESS MATERIALS FROM SITE. ALSO, ANY DAMAGE TO FIELD OR FACTORY APPLIED FINISHES SHALL BE REPAIRED.
15. A DIGITAL CAD FILE CAN BE PROVIDED TO THE CONTRACTOR FOR THE LAYOUT OF SITE IMPROVEMENTS IN THE FIELD.

PLANTING NOTES

1. ALL PLANTING MATERIAL TO BE NURSERY GROWN STOCK SUBJECT TO APPLICABLE A.A.N. STANDARDS.
2. THE CONTRACTOR SHALL SUPPLY ALL PLANTS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT LIST. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT LIST AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER NUMBER SHALL APPLY.
3. ALL PLANTS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION AND SHALL BE LOCATED AT THE GROWING SITE BY THE CONTRACTOR, FOR THE APPROVAL OF THE LANDSCAPE ARCHITECT. ANY INSTALLATIONS WHICH WERE NOT APPROVED BY THE LANDSCAPE ARCHITECT AND WHICH ARE SUBSEQUENTLY REQUESTED TO BE REMOVED, WILL BE DONE AT THE CONTRACTORS EXPENSE.
4. PRECISE LOCATION OF ITEMS NOT DIMENSIONED ON THE PLAN ARE TO BE FIELD STAKED BY THE CONTRACTOR AND SHALL BE SUBJECT TO THE REQUIREMENTS SPECIFIED IN THE PREVIOUS NOTE.
5. ALL SHRUB AND TREE PITS SHALL BE MULCHED TO A DEPTH OF 3" WITH SHREDDED PINE BARK MULCH.
6. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGED VEGETATION AND SHALL REPLACE OR REPAIR ANY DAMAGE, AT HIS OWN EXPENSE.
7. ALL SHRUB AND GROUND COVER PLANTING AREAS SHALL HAVE CONTINUOUS BEDS OF TOPSOIL, 18" DEEP.
8. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD. WHERE PLANT MATERIAL MAY INTERFERE WITH UTILITIES, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT TO COORDINATE THEIR INSTALLATION.
9. PLANTINGS INSTALLED IN THE DRY SUMMER MONTHS AND/OR LAWN SEEDED OUT OF SPRING OR FALL PERIODS, IF ALLOWED BY OWNER, WILL REQUIRE AGGRESSIVE IRRIGATION PROGRAMS AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
10. SUBSTITUTIONS PERMITTED ONLY UPON WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
11. PLANT TAGS TO REMAIN ON ALL PLANT MATERIAL UNTIL FINAL ACCEPTANCE. CONTRACTOR TO THEN REMOVE ALL PLANT TAGS.
12. WHERE A SIZE RANGE IS GIVEN IN THE PLANT SCHEDULE, AT LEAST 50% OF THE PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
13. CONTRACTOR TO GUARANTEE ALL PLANT MATERIAL FOR ONE YEAR AFTER DATE OF FINAL ACCEPTANCE.
14. CONTRACTOR TO MAINTAIN ALL PLANT MATERIAL UNTIL 60 DAYS AFTER FINAL ACCEPTANCE UNLESS NOTED OTHERWISE IN SPECS.
15. TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT COVERED BY OTHER SITE IMPROVEMENTS.

LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	WETLANDS	
	UPLAND REVIEW AREA	
	CURB	
	CHAIN LINK FENCE	
	EVERGREEN TREE	
	SHRUBS	
	DETAIL 1 / SHEET L-4.0 DETAIL NAME	

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SITE DESIGN
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URBAN PLANNING

Prepared For:
TOWN OF CANTON

Consultant

PROPOSED:
DYER SOFTBALL FIELD
RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
Layout & Planting Plan

Rev:

Issue Date:
JULY 29, 2021

Scale: AS NOTED
Drawn by: JT/MD

Project number:
6381

Sheet #:
L-2.0

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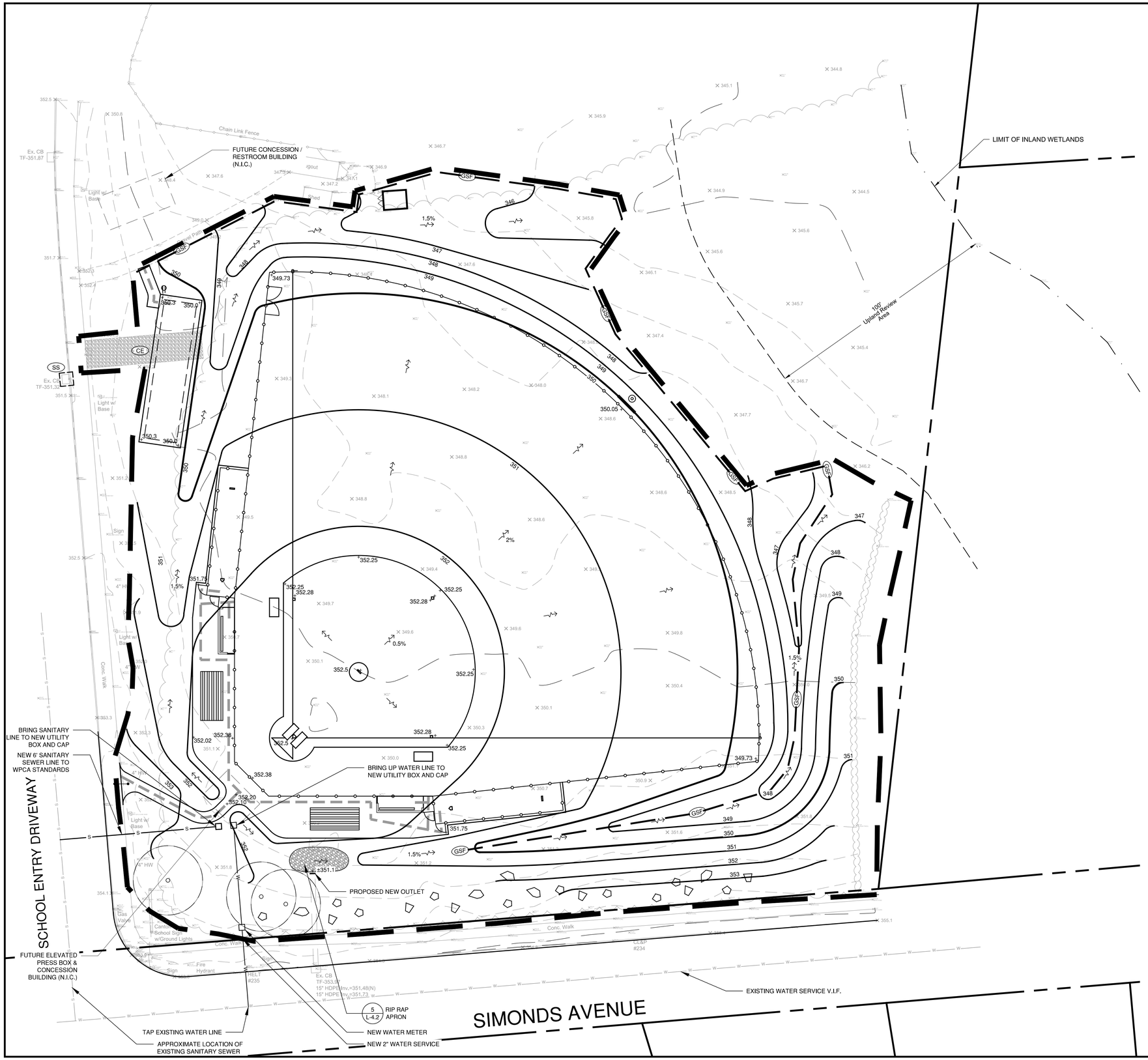

GRADING AND UTILITY NOTES

1. PROPOSED GRADES INDICATE INTENT. THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS AS REQUIRED TO MEET FIELD CONDITIONS.
2. WHERE FIELD CONDITIONS CALL FOR ON-SITE ADJUSTMENTS OF FINISHED GRADES, THE OWNER'S REPRESENTATIVE SHALL MAKE THE FINAL DETERMINATION.
3. CONTRACTOR TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB AND BE RESPONSIBLE FOR THE SAME. NOTIFY SITE PLANNER OF DISCREPANCIES PRIOR TO BEGINNING WORK.
4. EROSION CONTROL FABRIC TO BE USED ON ALL SLOPES GREATER THEN 3:1
5. STRIP AND STOCKPILE TOPSOIL FOR REUSE ON SITE.
6. PITCH ALL WALKS AT 2% CROSS SLOPE UNLESS OTHERWISE NOTED.
7. ADJUST ALL EXISTING AND PROPOSED UTILITY FRAMES, GRATES, MANHOLE COVERS, VALVE BOXES, ETC. TO BE FLUSH WITH THE PROPOSED SURFACE.
8. ALL EXISTING UTILITY LINES TO BE ABANDONED SHALL BE ABANDONED ACCORDING TO UTILITY COMPANY REQUIREMENTS.
9. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE STANDARDS.
10. ALL EXCESS MATERIAL, EXCEPT TOPSOIL, SHALL BE LEGALLY DISPOSED OF OUTSIDE THE PROJECT LIMITS.
11. REFERENCE IS MADE IN THESE DOCUMENTS TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION. FORM 816/817 AND SUPPLEMENTS THERETO.
12. DAMAGE TO EXISTING UTILITIES AS A RESULT OF THE CONTRACTOR'S OR ANY OF HIS SUBCONTRACTOR'S ACTIVITIES DURING THE CONSTRUCTION PROCESS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING DURING THE EXECUTION OF HIS WORK.
14. THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS DEVELOPED FROM THE BEST AVAILABLE INFORMATION. THE ACTUAL LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF EXCAVATION ACTIVITIES.
15. ACCESS AND UTILITIES TO EXISTING FACILITIES MUST BE MAINTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR MUST MAINTAIN SUFFICIENT TRAVEL LANE(S), APPROVED BY THE OWNER, TO ENABLE ALL EMERGENCY VEHICLES TO ACCESS THE ENTIRE PROJECT SITE.
16. CONTRACTOR TO VERIFY THAT ALL EXISTING UTILITIES TO BE REUSED ARE FUNCTIONAL.

ACCESSIBILITY NOTES

1. SLOPES ALONG THE ACCESSIBLE ROUTE SHALL BE LESS THAN 1:20 (5%) AND THE CROSS SLOPES SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVELS SHALL NOT BE GREATER THAN ¼ INCH.
2. SLOPES ALONG THE HANDICAP ACCESSIBLE RAMP SHALL NOT EXCEED 1:12 (8.3%) AND THE CROSS SLOPE SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVEL SHALL NOT BE GREATER THAN ¼ INCH.
3. LANDINGS SHALL NOT HAVE A SLOPE GREATER THAN 1:50 (2%) IN ANY DIRECTION.

LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	WETLANDS	
	UPLAND REVIEW AREA	
	CURB	
	CONTOUR 1 FT	349
	CONTOUR 10 FT	350
× 351.8	SPOT GRADE	+350.5
	FLOW ARROW	
	FLUSH CONDITION	
	SILT FENCE	GSF
	HAYBALE/SILT SACKS	SS
	CONSTRUCTION ENTRANCE	CE
	CONTRACT LIMIT	
	ACCESSIBLE ROUTE	

20 0 20 40
1" = 20'

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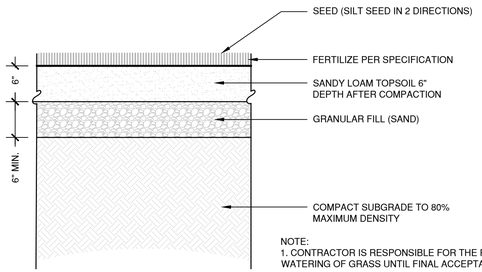
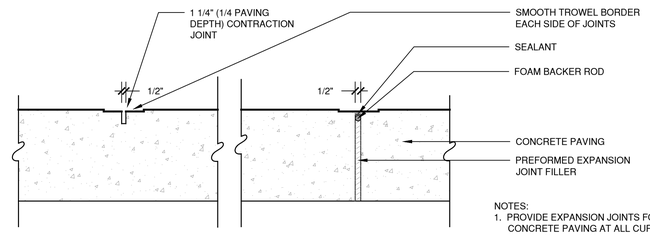


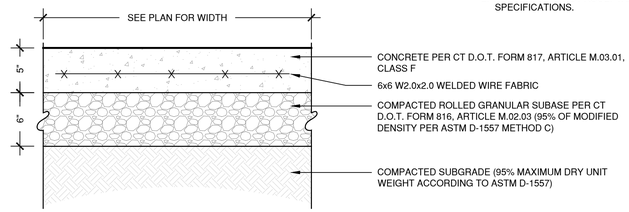
NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND WATERING OF GRASS UNTIL FINAL ACCEPTANCE.

1 FIELD PROFILE
SCALE 1" = 1'-0"

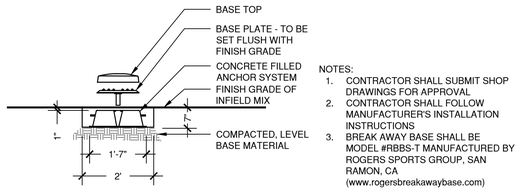


EXPANSION & CONTRACTION JOINTS

NOTES:
1. PROVIDE EXPANSION JOINTS FOR NEW CONCRETE PAVING AT ALL CURBS, BUILDING WALLS, SITE WALLS, STAIRS, LIGHT POLE BASES, MANHOLES, GRATES/VAULTS, EXISTING CONCRETE PAVING AND ALL OTHER FIXED MATERIALS.
2. AIR CURING IS NOT ACCEPTABLE. SEE SPECIFICATIONS.

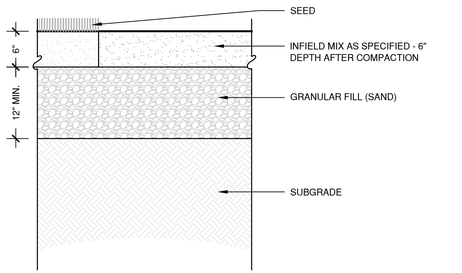


5 CONCRETE PAVEMENT
SCALE 1 1/2" = 1'-0"

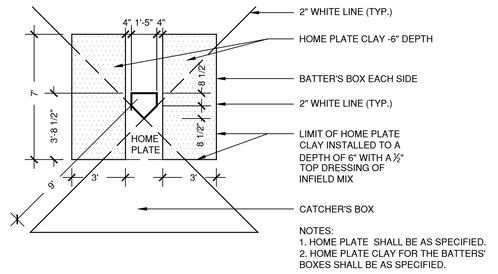


NOTES:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL
2. CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS
3. BREAK AWAY BASE SHALL BE MODEL #RBBS-T MANUFACTURED BY ROGERS SPORTS GROUP, SAN RAMON, CA (www.rogersbreakawaybase.com)

8 BREAK AWAY BASE
SCALE 1/2" = 1'-0"

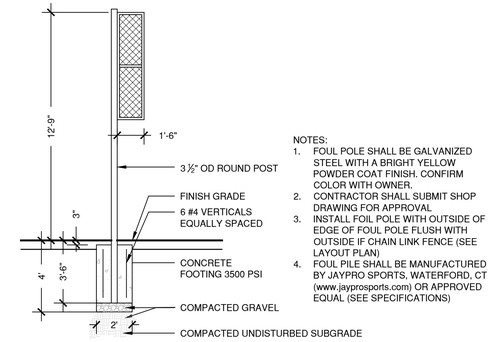


2 SKINNED INFIELD
SCALE 1" = 1'-0"



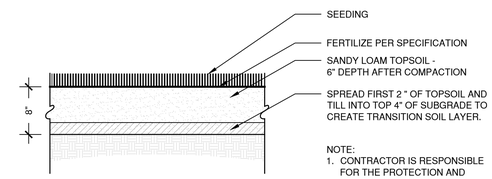
NOTES:
1. HOME PLATE SHALL BE AS SPECIFIED.
2. HOME PLATE CLAY FOR THE BATTERS' BOXES SHALL BE AS SPECIFIED.

6 BATTER'S AND CATCHER'S BOX
SCALE 1/4" = 1'-0"



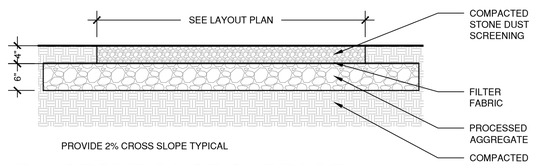
NOTES:
1. FOUL POLE SHALL BE GALVANIZED STEEL WITH A BRIGHT YELLOW POWDER COAT FINISH. CONFIRM COLOR WITH OWNER.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR APPROVAL
3. INSTALL FOIL POLE WITH OUTSIDE OF EDGE OF FOUL POLE FLUSH WITH OUTSIDE IF CHAIN LINK FENCE (SEE LAYOUT PLAN)
4. FOUL PILE SHALL BE MANUFACTURED BY JAYPRO SPORTS, WATERFORD, CT (www.jayprosports.com) OR APPROVED EQUAL (SEE SPECIFICATIONS)

9 FOUL POLE (2)
SCALE 1/4" = 1'-0"

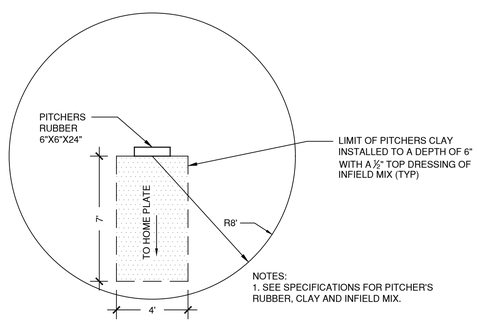


NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND WATERING OF GRASS UNTIL FINAL ACCEPTANCE.

3 TOPSOIL/LAWN
SCALE 1" = 1'-0"

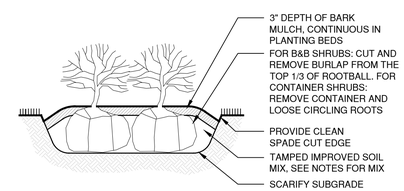


4 STONE DUST SURFACE
SCALE 3/4" = 1'-0"



NOTES:
1. SEE SPECIFICATIONS FOR PITCHER'S RUBBER, CLAY AND INFIELD MIX.

7 PITCHERS CIRCLE
SCALE 1/4" = 1'-0"



NOTES:
1. IMPROVED SOIL MIX: 55% TOPSOIL, 25% EXCAVATED MATERIAL, 20% COMPOST.
2. WORK MYCORRHIZAL FUNGI & SOIL POLYMERS INTO SOIL PER SPECIFICATIONS.

NOTE:
PLANTING EXCAVATION TO BE CONTINUOUS FOR THE ENTIRE LENGTH AND WIDTH OF THE PLANTING BED

10 SHRUB PLANTING
SCALE 1" = 1'-0"

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SITE DESIGN
LANDSCAPE ARCHITECTURE
URBAN PLANNING

Prepared For:
TOWN OF CANTON

Consultant

PROPOSED:
DYER SOFTBALL FIELD
RELOCATION PROJECT
76 SIMONDS AVE
COLLINSVILLE, CT

Sheet Description:
Details

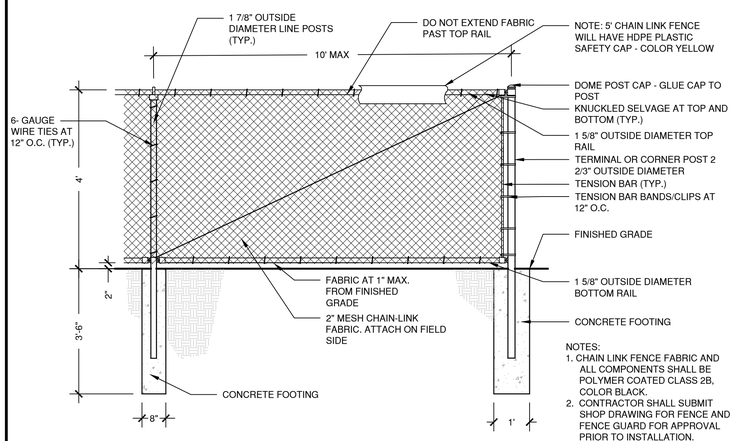
Rev:

Issue Date:
JULY 29, 2021

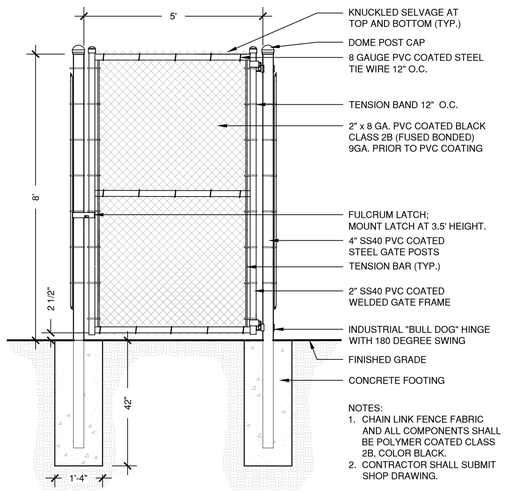
Scale: AS NOTED
Drawn by: JT/MD

Project number:
6381

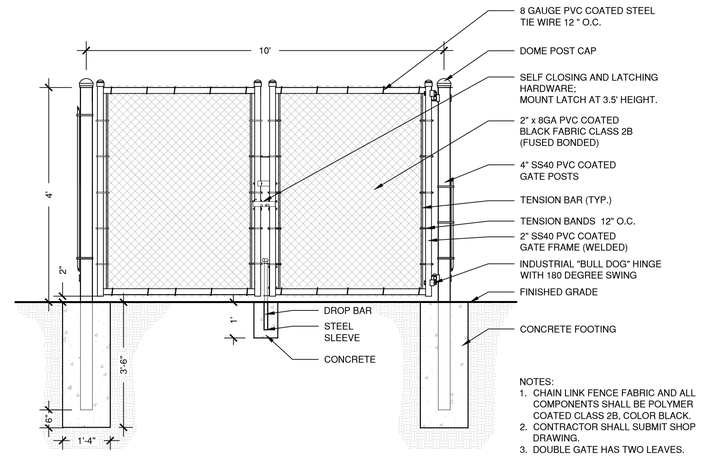
Sheet #:
L-4.0



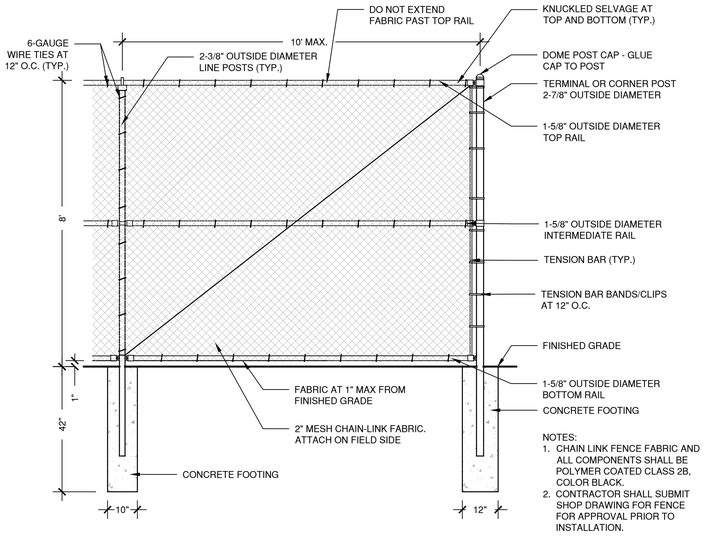
1 CHAIN LINK FENCE WITH CAP - 4' HT.
SCALE 1/2" = 1'-0"



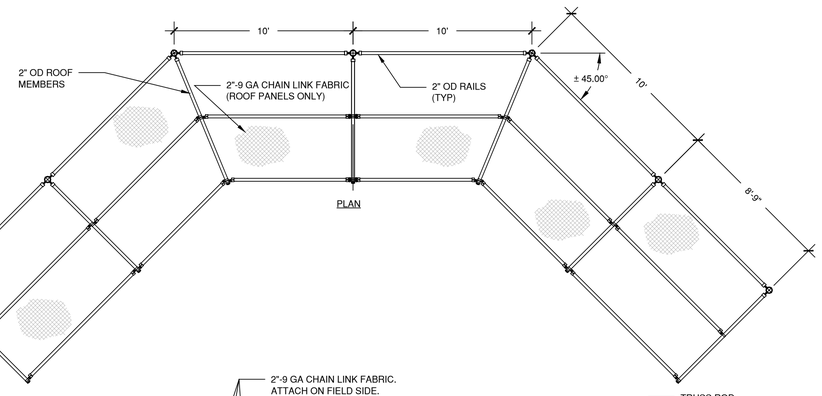
3 CHAIN LINK FENCE GATE - 8' HT.
SCALE 1/2" = 1'-0"



4 CHAIN LINK FENCE DOUBLE GATE
SCALE 1/2" = 1'-0"



2 CHAIN LINK FENCE - 8' HT.
SCALE: 1/2" = 1'-0"



5 CHAIN LINK FENCE BACKSTOP
SCALE 1/4" = 1'-0"

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SITE DESIGN
LANDSCAPE ARCHITECTURE
URBAN PLANNING

Prepared For:
TOWN OF CANTON

Consultant

PROPOSED:
DYER SOFTBALL FIELD RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
Details

Rev:

Issue Date:
JULY 29, 2021

Scale: AS NOTED
Drawn by: JT/MD

Project number:
6381

Sheet #:
L-4.1

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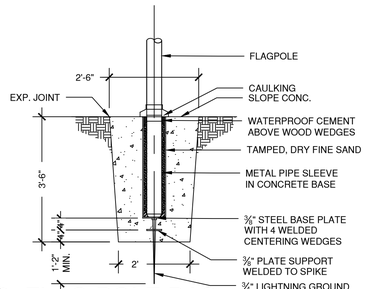
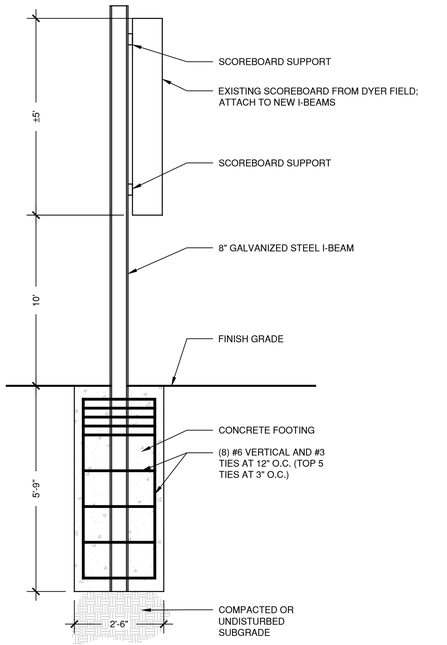


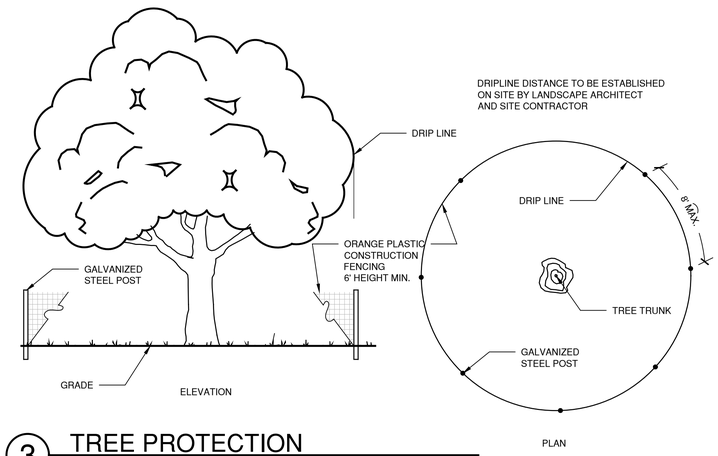
1 FLAG POLE BASE

SCALE 1/2" = 1'-0"



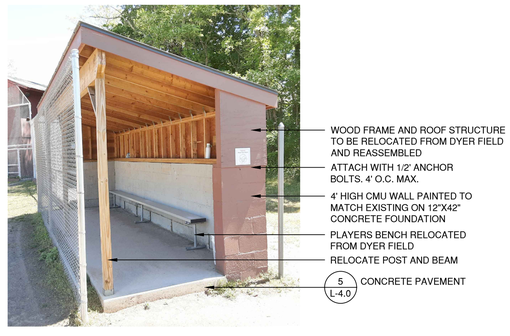
2 SCOREBOARD

SCALE 1/2" = 1'-0"



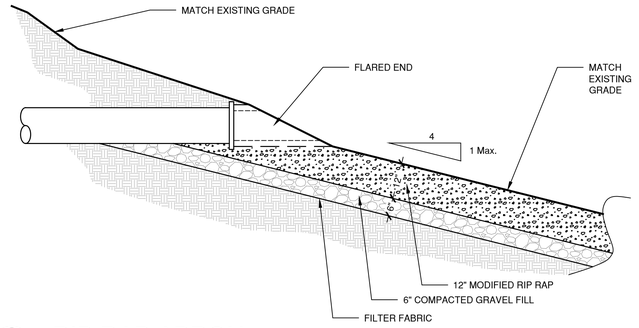
3 TREE PROTECTION

N.T.S



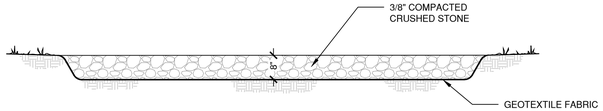
4 DUGOUT

NOT TO SCALE



5 RIP RAP APRON

SCALE 1/2" = 1'-0"



6 BASE FOR RELOCATED SHED

SCALE 1/2" = 1'-0"

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Prepared For:
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76 SIMONDS AVE COLLINSVILLE, CT

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JULY 29, 2021

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AS NOTED

Drawn by:
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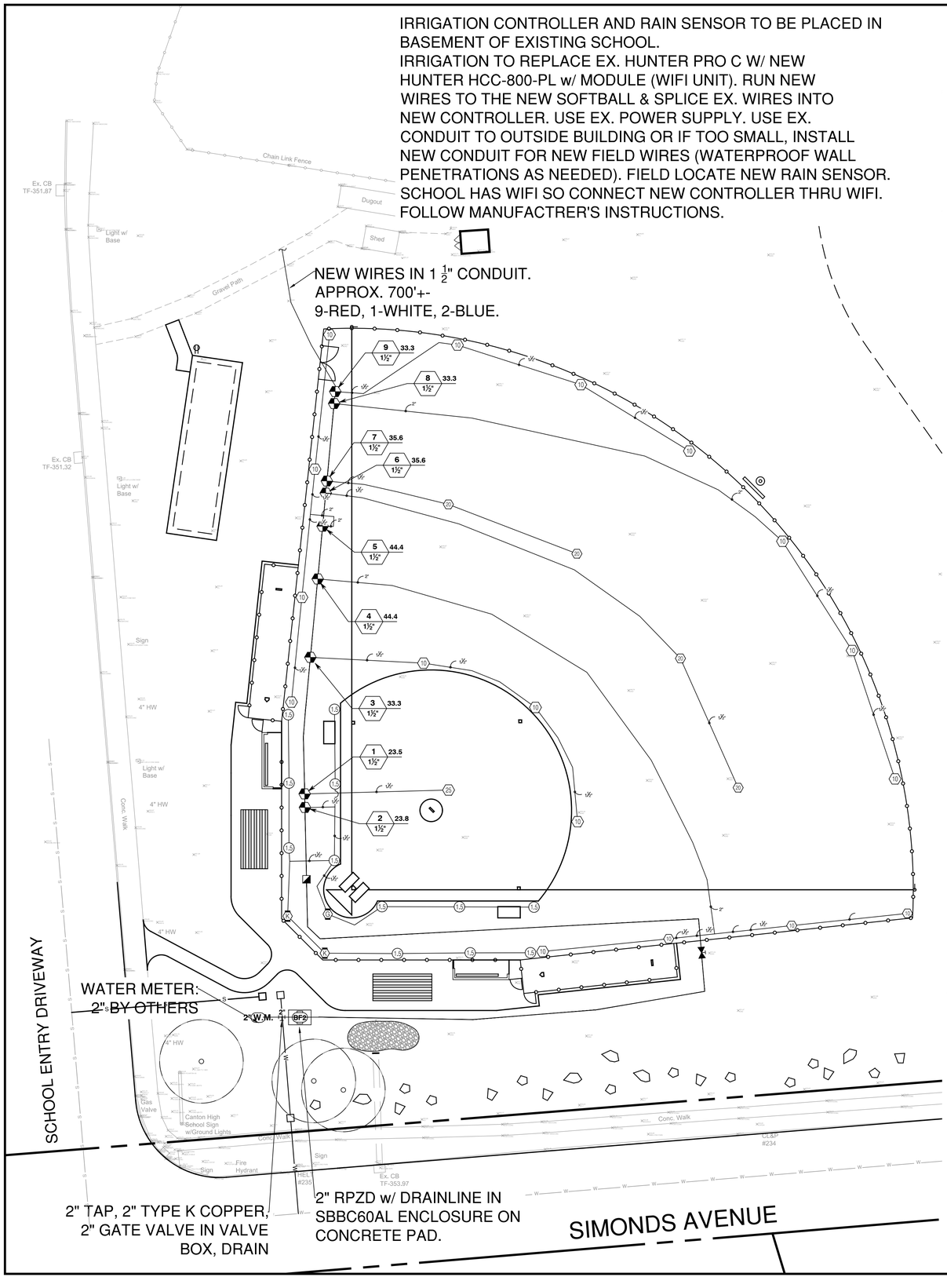
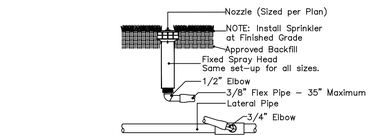
6381

Sheet #:
L-4.2

IRRIGATION CONTROLLER AND RAIN SENSOR TO BE PLACED IN BASEMENT OF EXISTING SCHOOL.
IRRIGATION TO REPLACE EX. HUNTER PRO C W/ NEW HUNTER HCC-800-PL w/ MODULE (WIFI UNIT). RUN NEW WIRES TO THE NEW SOFTBALL & SPLICE EX. WIRES INTO NEW CONTROLLER. USE EX. POWER SUPPLY. USE EX. CONDUIT TO OUTSIDE BUILDING OR IF TOO SMALL, INSTALL NEW CONDUIT FOR NEW FIELD WIRES (WATERPROOF WALL PENETRATIONS AS NEEDED). FIELD LOCATE NEW RAIN SENSOR. SCHOOL HAS WIFI SO CONNECT NEW CONTROLLER THRU WIFI. FOLLOW MANUFACTRER'S INSTRUCTIONS.

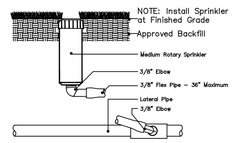
NEW WIRES IN 1 $\frac{1}{2}$" CONDUIT.
APPROX. 700'+-
9-RED, 1-WHITE, 2-BLUE.





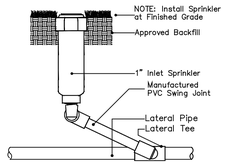
1/2" INLET SPRINKLER

(SIDE ELEVATION - NOT TO SCALE)



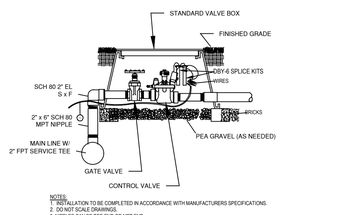
3/4" INLET SPRINKLER

(SIDE ELEVATION - NOT TO SCALE)



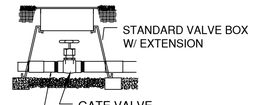
1" INLET SPRINKLER

(SIDE ELEVATION - NOT TO SCALE)



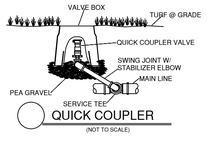
VALVE SET-UP

(SIDE ELEVATION - NOT TO SCALE)



SHUT OFF

(not to scale)



QUICK COUPLER

(NOT TO SCALE)

IRRIGATION SCHEDULE

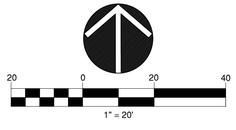
SYMBOL	MANUFACTURER/MODEL	QTY
X G R	Hunter Pros-04-PRS40CV-MP2000	3

SYMBOL	MANUFACTURER/MODEL	QTY
1.5	Hunter I-20-04-SS	12
10	Hunter I-25-04-SS	17
20	Hunter I-25-04-SS	4
25	Hunter I-25-04-SS	1

SYMBOL	MANUFACTURER/MODEL	QTY
	Zone Valve: Hunter ICV151G 1 $\frac{1}{2}$" w/ Gate Valve	9
	Quick Coupler: Hunter HQ44RC 1" w/ HK44 Key 1"	1
	Isolation Valve: Line Sized	1
C	Controller: Hunter I2C800PL w/ ICM800 Module	1
RS	Rain Sensor: Hunter Rainclik	1
	Laterals: Class 200 1" Sw Pvc Pipe	700'
	Laterals: Class 200 1 $\frac{1}{2}$" Sw Pvc Pipe	1100'
	Laterals: Class 200 2" Sw Pvc Pipe	60'
	Mainline: Class 200 2" Sw Pvc Pipe w/ #$\frac{14}{1}$ Uf Wire	300'
	Wire: #$\frac{14}{1}$ Uf Red Control (9), White Common (1), Blue Sares (2)	500', 500', 500'

IRRIGATION NOTES

1. ALL WORK IS TO BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
2. ALL REMOTE CONTROL VALVES ARE TO BE INSTALLED IN VALVE BOXES AS NEEDED.
3. ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE #$\frac{14}{1}$ UF RED FOR CONTROL (9 TOTAL), WHITE COMMON (1 TOTAL), AND BLUE SPARES (2 TOTAL). USE DBY-6 CONNECTORS WHERE NEEDED.
4. FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. SYSTEM IS DESIGNED FOR UP TO 45 GPM PER ZONE. PRESSURE AT THE INLET TO THE BACKFLOW SHALL BE 85 PSI.
6. ANY CHANGES IN AVAILABILITY OF SUPPLY SHOULD BE NOTED AND MODIFICATIONS TO THE DESIGN SHOULD BE MADE.
7. CONTRACTOR TO VERIFY WATER PRESSURE AND AVAILABILITY PRIOR TO INSTALLATION.
8. THE LOCATION OF ALL IRRIGATION IS DIAGRAMMATIC AND SUBJECT TO FIELD VERIFICATION.
9. ANY IRRIGATION PIPING SHOWN OUTSIDE OF CURBS FOR CLARITY ONLY.
10. WATER: 2" @ 85 PSI, BY OTHERS; POWER: 115 VAC DEDICATED GFCI OUTLET, BY OTHERS. 4" PVC SLEEVES, BY OTHERS.



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Prepared For:
TOWN OF CANTON

Consultant

PROPOSED:
DYER SOFTBALL FIELD RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
Irrigation Plan & Details

Rev:

Issue Date: JULY 29, 2021

Scale: AS NOTED | Drawn by: JT/MD

Project number: 6381

Sheet #: L-5.0

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SEDIMENTATION AND EROSION CONTROL

PER STATE OF CONNECTICUT PUBLIC ACT 83-388
All applicable practices recommended by the 2002 CT Guidelines for Soil Erosion & Sediment Control are included by reference.

1. DESCRIPTION

The project consists of a new little league softball field.

2. SCHEDULE

The project is anticipated to be constructed in Fall of 2021.

3. DESIGN AND CRITERIA

Note: The Contractor shall name one individual as his Sediment and Erosion Control Supervisor whose primary responsibility will be the maintenance of all on-site erosion control measures. He will keep a daily log of his activities and an updated schedule of proposed construction activities. The log will be made available to inspectors.

A. **GEOTEXTILE SILT FENCE (GSF)** - Shall be non-woven material, minimum 36" high and fastened to wood stakes (see detail this sheet). Silt fence shall be installed with end runs turned up grade at 45 degrees for a distance of 10 feet.

B. **TEMPORARY SEEDING (TS)**

1. Contractor shall scarify the soil to a depth of 2" before applying fertilizer, limestone and seed.
2. Seed may be applied by hand or mechanically. Seed application shall be uniform. Seed rate shall be in accordance with the 2002 Guidelines for Soil Erosion and Sediment Control (increase seeding rates by 10% when hydroseeding, Limestone, fertilizer and seed may be applied in slurry.)
3. Contractor shall mulch area (MS) immediately following seeding. (Note: In the event seeding operations are not feasible due to seasonal restrictions or extended inclement weather patterns, the Contractor shall install an Erosion Control Blanket over exposed soils.)

C. **PERMANENT SEEDING (PS)**

1. Contractor shall apply topsoil and fine grade all areas before the application of permanent seed. Apply limestone and fertilizer as needed, in accordance with soil tests.
2. Remove all surface stones ½ inch and larger. Remove all other debris and rake seed bed.
3. Apply seed within 7 days after establishing final grades. See planting plan.

D. **HAY BALE BARRIER (HB)** - Shall be made of hay or straw with 40 pounds minimum weight and 120 pounds maximum weight, held together by twine or wire. (See detail this sheet.)

E. **CONSTRUCTION ENTRANCE (CE)** - Shall be an angular stone (DOT Standard Spec Section M.01.01 size #3) pad, a minimum of 12' wide and 50' long. (See detail this sheet.)

F. **EROSION CONTROL BLANKET (ECB)** - Erosion mat shall be placed on all exposed cut/fill slopes steeper than 3:1 (including swales & ditches) to protect against rainfall and hold moisture content to enhance vegetation growth in seeded areas. Mat (or blankets) shall be straw or straw/coconut fiber combination sewn together with lightweight netting. Use North American green. S75BN - slopes up to 3:1, S150N-slopes from 3:1 up to 2:1 or greater. Temporary hay mulch to be applied to areas less than 3:1 slope and all areas to be left barren over the winter, mulch rate to be 70 pounds/1000 s.f

4. APPLICATION/GENERAL PROCEDURES

A. Soil erosion and sediment control measures will be installed prior to any site disturbance, and development will proceed according to a specific construction sequence. The objective is to maximize the reduction of sediment-laden runoff through implementation of conventional soil sedimentation and erosion control practices currently recommended by the 2002 "CT Guidelines for Soil Erosion and Sediment Control".

B. Earthwork will be scheduled for periods when soil saturation is low and Soil loss hazard is at a minimum.

C. Suspend earthwork for major storm events and implement additional sedimentation and erosion control measures as necessary.

D. There shall be no cuts or fill left exposed for longer than 30 days. The established procedure of temporarily seeding and/or cover with erosion protection (mat or hay) shall be followed to insure minimal soil loss.

5. MONITORING AND MAINTENANCE PROGRAM

A. For the duration of the project construction, the Contractor shall maintain all sedimentation and erosion control devices to insure their efficient operation.

B. The responsibility for performing periodic checks of the protection system in-place and to coordinate cleaning and repair operations shall be assigned to the General Contractor's project representative.

C. All sedimentation and erosion control devices shall be checked for the adequacy of the control systems prior to severe storm weather forecasts . Inspect control system during and after storms to determine necessary repairs.

D. Repairs to sedimentation control systems directed by the project representative shall be done within 24 hours of the directive or as soon as possible prior to storm warnings.

E. Replacement materials for the devices utilized must be readily available for repairs.

F. Clean sedimentation and erosion control devices as directed by the projects representative.

G. Placement of temporary sedimentation and erosion control devices that are not shown on plans, but are required due to Contractor's operations, shall be placed at the direction of the projects representative.

H. Dust control and off-site debris caused by the Contractor's earthwork operations shall be prevented, or cleaned-up in accordance with the standard state specification "Form 816".

6. SPECIFIC MAINTENANCE MEASURES SHALL BE AS FOLLOWS:

A. **GEOTEXTILE SILT FENCE (GSF)** - Inspect GSF at least once a week and within 24 hours of the end of any storm event of 0.5-inch or greater.

Repair or replace the fence within 24-hours of observed failure.

B. **HAY BALE BARRIER (HB)** - Inspect HB at least once a week and within 24 hours of the end of any storm event of 0.5-inch or greater.

Repair or replace the hay bales within 24-hours of observed failure.

C. **CONSTRUCTION ENTRANCE (CE)** - Maintain the entrance in a condition which will prevent tracking and washing of sediment onto paved surfaces. Provide periodic top dressing with additional stone or additional length as conditions demand. Repair any measures used to trap sediment as needed. Immediately remove all sediment spilled, dropped, washed or tracked onto paved surfaces. Roads adjacent to a construction site shall be left clean at the end of each day.

If the construction entrance is being properly maintained and the action of a vehicle traveling over the stone pad is not sufficient to remove the majority of the sediment, then either (1) increase the length of the construction entrance, (2) modify the construction access road surface, or (3) install washing racks and associated settling area or similar devices before the vehicle enters a paved surface.

D. **SEEDING (TEMPORARY & PERMANENT)**

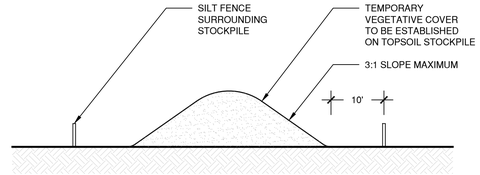
Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and rill erosion.

Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Bird feeding may be a problem if mulch was applied too thinly to protect seed. Re-seed and re-mulch. If movement was the result of wind, then repair erosion damage (if any), reapply seed and mulch and apply mulch anchoring. If failure was caused by concentrated runoff, install additional measures to control water and sediment movement, repair erosion damage, re-seed and re-apply mulch with anchoring or use Temporary Erosion Control Blanket measure.

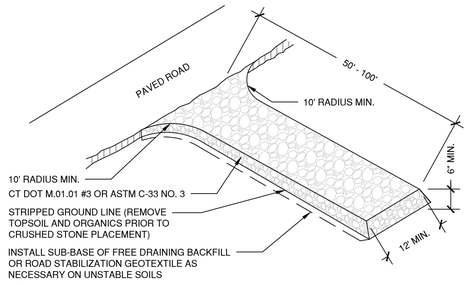
Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative surface cover).

NOTE

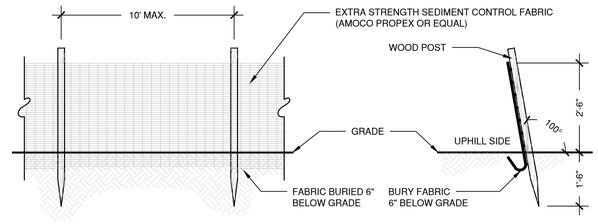
EROSION AND SEDIMENTATION CONTROL PLAN COMPILED WITH CT DEEP GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND THE 2004 STORMWATER QUALITY MANUAL, AS AMENDED, INCLUSIVE OF ALL REQUIREMENTS FOR CERTIFICATION.



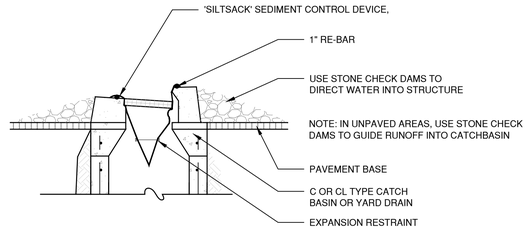
1 TOPSOIL STOCK PILE AREA
N.T.S.



2 CONSTRUCTION ENTRANCE (CE)
N.T.S



3 GEOTEXTILE SILT FENCE (GSF)
N.T.S.



4 SILT SACK (SS)
N.T.S.

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76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
Erosion and Soil Sedimentation Control Notes and Details

Rev:

Issue Date: JULY 29, 2021

Scale: AS NOTED | Drawn by: JT/MD

Project number: 6381

Sheet #: ES-1

ELECTRICAL SYMBOL LIST

NOTE: ALL MOUNTING HEIGHTS GIVEN ARE TO CENTERLINE OF DEVICE UNLESS NOTED OTHERWISE.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PENDANT MOUNTED LIGHT FIXTURE	M/S	EMERGENCY SWITCH - MOUNT AT 48" A.F.F. - M=MASTER - S=SLAVE
	PENDANT MOUNTED LIGHT FIXTURE	J	JUNCTION BOX
	CEILING MOUNTED LIGHT FIXTURE	J TC	JUNCTION BOX WITH 120V POWER FOR TEMPERATURE CONTROLS
	WALL MOUNTED LIGHT FIXTURE		JUNCTION BOX FOR CATV OUTLET WITH 1 1/4" CONDUIT TO CEILING
	SURFACE MOUNTED LIGHT FIXTURE		MOTOR
	RECESSED DOWN LIGHT FIXTURE		NON-FUSED DISCONNECT SWITCH
	RECESSED 2'X4' LIGHT FIXTURE		FUSED DISCONNECT SWITCH
	RECESSED 2'X2' LIGHT FIXTURE		MAGNETIC MOTOR STARTER
	WALL MOUNTED FIXTURE		COMBINATION DISCONNECT SWITCH/MAGNETIC MOTOR STARTER
	LINEAR FIXTURE		
	SINGLE FACE EXIT SIGN WITH BATTERY AND DIRECTIONAL ARROWS UNIVERSAL MOUNT		
	DOUBLE FACE EXIT SIGN WITH BATTERY AND DIRECTIONAL ARROWS UNIVIVERSAL MOUNT		BRANCH CIRCUIT WIRING
	EMERGENCY BATTERY UNIT WITH TWO DIRECTIONAL HEADS		BRANCH CIRCUIT FEEDER
	EMERGENCY REMOTE, WEATHERPROOF, WITH DOUBLE DIRECTIONAL HEADS		ELECTRICAL GROUND
			FLEXIBLE EQUIPMENT CONNECTION
S	SINGLE POLE TOGGLE SWITCH		FIXED/HARD - WIRED EQUIPMENT CONNECTION
S_3	THREE WAY TOGGLE SWITCH		
S_4	FOUR WAY TOGGLE SWITCH	TC	TIMECLOCK
S_K	SINGLE POLE KEYED TOGGLE SWITCH	C	CONTACTOR
S_{3K}	THREE WAY KEYED TOGGLE SWITCH MOUNT		SECURITY SYSTEM CAMERA
S_{4K}	FOUR WAY KEYED TOGGLE SWITCH MOUNT	DL	SECURITY SYSTEM DOOR LOCK
S_T	THERMAL OVERLOAD SWITCH - MOUNT AT FRACTIONAL HP MOTORS		SECURITY SYSTEM MOTION SENSOR
S_D	DIMMER SWITCH	CR	SECURITY SYSTEM CARD READER
S_{PS}	PROJECTION SCREEN SWITCH	DC	SECURITY SYSTEM DOOR CONTACT
S_{OC}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH	KP	SECURITY SYSTEM KEY PAD
	DOORBELL BUZZER/CHIME - MOUNT 7'-0" A.F.F.	FS	FLOW SWITCH
OS	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR	TS	TAMPER SWITCH
PC	PHOTOCELL	PS	PRESSURE SWITCH
			WALL MOUNTED SPEAKER
E/G	EMERGENCY ELECTRIC/GAS SHUTOFF PUSHBUTTON OPERATOR		CEILING MOUNTED SPEAKER
	GROUNDED DUPLEX RECEPTACLE	IC	INTERCOM STATION
A	GROUNDED DUPLEX RECEPTACLE - MOUNT ABOVE COUNTER OR BACKSPLASH 42" A.F.F.		COMBINATION SPEAKER/CLOCK
C	GROUNDED DUPLEX RECEPTACLE - MOUNT AT CEILING		CLOCK
GFI	GROUNDED DUPLEX GFI RECEPTACLE		
WP	GROUNDED DUPLEX GFI RECEPTACLE "WEATHERPROOF WHILE IN-USE" COVER		
S	GROUNDED DUPLEX RECEPTACLE - STUB UP TO 24" A.F.F. ON 1" (MIN) RGS CONDUIT		
PM	VERTICAL PLUGMOLD WITH OUTLETS AT 12" O.C. - 5' LONG		
MW	GROUNDED GFI DUPLEX RECEPTACLE DEDICATED FOR MICROWAVE OVEN - VERIFY EXAC MOUNTING LOCATION		
	GROUNDED DOUBLE DUPLEX RECEPTACLE		
	GROUNDED 240V RECEPTACLE		
USB	GROUNDED GFI DUPLEX RECEPTACLE WITH INTERGRAL USB CHARGING PORT		
	GROUNDED SIMPLEX RECEPTACLE		
	SPECIAL PURPOSE RECEPTACLE - MATCH NEMA CONFIGURATION OF EQUIPMENT SERVED		
	FLOOR MOUNTED DEVICES AS LISTED ABOVE		
	RECESSED MOUNTED PANELBOARD		
	SURFACE MOUNTED PANELBOARD		
PP	COMBINATION POWER/TEL/DATA POLE		
	TELEPHONE/DATA OUTLETS		
WAP	WIRELESS ACCESS POINT (WAP - WIRLESS ACCESS POINT) INCLUDE CAT 5e CABLE		
F	MANUAL FIRE ALARM PULL STATION - MOUNT AT 48" A.F.F.		
H	HEAT DETECTOR		
H 200°	HEAT DETECTOR 200°		
S	AREA SMOKE DETECTOR		
S_D	DUCT SMOKE DETECTOR		
S_{CO}	AREA COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR		
S_E	ELEVATOR RETURN SMOKE DETECTOR		
CO	FIRE ALARM CARBON MONOXIDE DETECTOR		
X_{RTS}	FIRE ALARM REMOTE TEST SWITCH		
M	MAGNETIC DOOR HOLDER		
	FIRE ALARM VISUAL ONLY INDICATING UNIT - MOUNT AT 6'-6" A.F.F.		
	FIRE ALARM SPEAKER/VISUAL INDICATING UNIT - MOUNT AT 6'-6" A.F.F.		
R	LIGHTING CONTROL RELAY		
O_{AOM}	FIRE ALARM ADDRESSABLE OUTPUT MODULE		
O_{AIM}	FIRE ALARM ADDRESSABLE INPUT MODULE		
S_{VC}	SPEAKER VOLUME CONTROL		
FACP	FIRE ALARM CONTROL PANEL		
FAA	FIRE ALARM REMOTE ANNUNCIATOR PANEL		
HGMP	HAZARDOUS GAS MONITOR PANEL FURNISHED BY DIV. 25, WIRED BY DIV. 26		
	EMERGENCY "CALL-FOR-AID" BUZZER/LIGHT - MOUNT AT 7'-6" A.F.F.		
S_A	EMERGENCY "CALL-FOR-AID" SWITCH - MOUNT 48" A.F.F. WITH PULL CORD TO 6" A.F.F.		

ELECTRICAL LEGEND NOTES:
1. ALL SYMBOLS MAY NOT BE USED.

ABBREVIATIONS

A	AMPERE	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	MAU	MAKE-UP AIR UNIT
AFG	ABOVE FINISHED GRADE	NL	NIGHT LIGHT
AFI	ARC FAULT CIRCUIT INTERRUPTER	NLE	NEW LOCATION OF EXISTING
AHU	AIR HANDLING UNIT	OHD	OVERHEAD DOOR ELECTRIC OPERATOR
C	CONDUIT	P	POLE
CB	CIRCUIT BREAKER	PE	PRIMARY ELECTRIC SERVICE
CKT	CIRCUIT	PH or Ø	PHASE
CUH	CABINET UNIT HEATER	PNL	PANEL
DAC	DOOR ACCESS CONTROLLER	PVC	POLYVINYL CHLORIDE CONDUIT
EBB	ELECTRIC BASEBOARD	RAP	REMOTE ANNUNCIATOR PANEL
EBU	EMERGENCY BATTERY UNIT	RGS	RIGID GALVANIZED STEEL CONDUIT
EF	EXHAUST FAN	RLE	RELOCATE EXISTING
EM	EMERGENCY POWERED	RTU	ROOFTOP UNIT
EMT	ELECTRICAL METALLIC TUBING	SE	SECONDARY ELECTRIC SERVICE
ETR	EXISTING TO REMAIN	T	TELEPHONE SERVICE
EWC	ELECTRIC WATER COOLER	TV	TELEVISION
EWH	ELECTRIC WATER HEATER	TX	TRANSFORMER
FA	FIRE ALARM	UNO	UNLESS NOTED OTHERWISE
FACP	FIRE ALARM CONTROL PANEL	W	WIRE
FMC	FLEXIBLE METALLIC TUBING	WAP	WIRELESS ACCESS POINT
GFI	GROUND FAULT INTERRUPTER	WP	WEATHER PROOF
IG	ISOLATED GROUND		
JB	JUNCTION BOX		
KVA	KILOVOLT-AMP		

ELECTRICAL GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH CURRENT APPLICABLE CODES, ORDINANCES, THE REGULATORY AGENCIES HAVING JURISDICTION AND THE SPECIFICATIONS. THE SPECIFICATIONS MAY EXCEED THE REQUIREMENTS OF THE CODE, IN WHICH CASE, THE SPECIFICATION MUST BE FOLLOWED.
2. THE INTENT OF THESE DOCUMENTS IS FOR THE MEP TRADES TO FURNISH AND INSTALL COMPLETE MECHANICAL AND ELECTRICAL SYSTEMS. THE SPECIFIED ELECTRICAL SYSTEM SHALL BE COMPLETE IN ALL RESPECTS; OPERATIONAL, TESTED, ADJUSTED, APPROVED BY THE AUTHORITIES HAVING JURISDICTION AND READY FOR BENEFICIAL USE BY THE OWNER.
3. THE TRADES SHALL OBTAIN AND REVIEW ALL CONTRACT DOCUMENTS BEFORE SUBMITTING A BID. INFORMATION IS PROVIDED ON THE VARIOUS DRAWINGS, SCHEDULES, SPECIFICATIONS AND ALL OF THE VARIOUS DOCUMENTS IN THE BIDDING PACKAGE. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND FORM A TOTAL PROJECT DESIGN AND INFORMATION SOURCE FOR CONSTRUCTION PURPOSES.
4. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. COORDINATE LOCATIONS OF EQUIPMENT WITH OTHER TRADES BEFORE AND DURING CONSTRUCTION. ANY MODIFICATION TO THE EQUIPMENT LAYOUT, REQUIRED FOR INSTALLATION, IS TO BE PERFORMED UNDER THE CONTRACT AGREEMENT, AT NO ADDITIONAL COST. REFER TO DETAILS, SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. THE CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE PROJECT DOCUMENTS OF ALL TRADES. THE DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT AND CONDUITS. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EQUIPMENT AND CONDUITS INSTALLATION WITH ALL THE TRADES BEFORE COMMENCING WORK.
6. EQUIPMENT SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS, WHEN EQUIPMENT MUST BE LOCATED ABOVE AN INACCESSIBLE CEILING (GYP BOARD OR EQUIVALENT), OR BEHIND A WALL, AN APPROPRIATE ACCESS DOOR SHALL BE PROVIDED. IF AN ACCESS DOOR IS REQUIRED, IT SHALL BE OF A RATING APPROPRIATE FOR THE WALL/CEILING IN WHICH IT IS TO BE INSTALLED. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF ACCESS PANELS FOR ALL DEVICES, REQUIRING ACCESS, WITH THE ARCHITECT, PRIOR TO INSTALLATION OF SUCH DEVICES OR OTHER APPURTENANCES.
7. WHERE A CONFLICT OCCURS BETWEEN THE DOCUMENTS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CARRY AS PART OF THE BID THE LARGER QUANTITY AND/OR MORE EXPENSIVE ITEM(S).
8. THIS CONTRACT SHALL INCLUDE ALL THE NECESSARY CONDUITS, FITTINGS, TRANSITIONS ETC. AS REQUIRED TO INSTALL CONDUITS AND EQUIPMENT, AND TO AVOID ANY CONFLICTS WITH OTHER TRADES AND THE BUILDING STRUCTURE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS, OMISSIONS OR ERRORS HE MAKES AS A RESULT OF HIS FAILURE TO COORDINATE WITH OTHER TRADES OR BECOME FULLY FAMILIAR WITH THE PROJECT DOCUMENTS OF ALL TRADES.
9. DO NOT INSTALL ANY ELECTRICAL PANELS, TRANSFORMERS, SPECIAL EQUIPMENT, BELOW PIPING OR THROUGH MECHANICAL ROOMS, THAT ARE NOT ASSOCIATED WITH OR SERVE THE RESPECTIVE ROOMS. COORDINATE THE LOCATION OF MECHANICAL EQUIPMENT IN THE FIELD AND ADJUST AS NECESSARY.
10. ALL HOMERUNS SHALL BE 2#12, 1#12G., 3/4"C TO 20A-1P CIRCUIT BREAKER IN PANEL DESIGNATED UNLESS OTHERWISE NOTED.
11. ALL 120 VAC (277 VAC) CIRCUITS EXCEEDING 150' IN LENGTH SHALL BE INCREASED TO 2#10, 1#10G, 3/4" CONDUIT UNLESS OTHERWISE NOTED.
12. ALL BRANCH CIRCUITS SHALL BE PROVIDED WITH SEPARATE NEUTRALS. USE OF COMMON NEUTRALS WILL NOT BE ALLOWED.
13. FIELD VERIFY WITH MANUFACTURER'S PROVIDED EXACT ELECTRICAL CHARACTERISTICS AND CONNECTION REQUIREMENTS OF ALL OPERATIONAL EQUIPMENT PRIOR TO MAKING ELECTRICAL POWER CONNECTION. FURNISH AND INSTALL SAFETY DISCONNECT AS REQUIRED BY NEC.
14. RECEPTACLES LOCATED WITHIN 6' OF A WATER SOURCE, OR OUTSIDE, AND WHERE REQUIRED BY CODE SHALL BE PROVIDED WITH GFCI PROTECTION, WHETHER INDICATED OR NOT.
15. EXTERIOR RECEPTACLES SHALL BE PROVIDED WITH "CAST ALUMINUM" LOCKABLE COVERS RATED "WEATHER-PROOF WHILE IN USE". LOCKS SHALL BE KEYED ALIKE.
16. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED SLEEVES AND FIRE STOP FOR CONDUITS AND CABLES PENETRATING FIRE RATED WALLS AND FLOORS.
17. ELECTRICAL CONTRACTOR SHALL SEAL ALL CONDUITS PENETRATING EXTERIOR WALLS.
18. ALL WIRING SHALL BE IN CONDUIT, UNLESS OTHERWISE INDICATED. CONDUITS SHALL BE RUN CONCEALED IN NEW AND ABOVE CEILINGS.
19. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL LOCATIONS OF EQUIPMENT WITH DIV. 21, 22 AND 23 PRIOR TO ROUGHING OR INSTALLING OUTLETS.
20. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER, ALL LOCATIONS OF EQUIPMENT BEING FURNISHED BY THE OWNER PRIOR TO ROUGHING OR INSTALLING OUTLETS.
21. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND EXACT LOCATION OF DEVICES PRIOR TO ROUGHING OR INSTALLATION OF OUTLETS.
22. ELECTRICAL CONTRACTOR SHALL COORDINATE THE LOCATION OF DUCT SMOKE DETECTORS WITH DIV. 23. DUCT SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR, INSTALLED BY DIV. 23.
23. ALL FIRE ALARM DEVICES LOCATED ON BUILDING EXTERIOR SHALL BE WEATHERPROOF RATED.
24. CONDUITS AND/OR WIRING SHALL NOT PENETRATE STAIR ENCLOSURES UNLESS SPECIFICALLY SERVING EQUIPMENT OR DEVICES LOCATED WITHIN STAIR ENCLOSURE.
25. WHERE INDICATED, PROVIDE FIXTURES WITH EMERGENCY BATTERY TO OPERATE LAMPS FOR 1 1/2 HOURS UPON LOSS OF NORMAL POWER. WIRE EMERGENCY BATTERY AND EXIT LIGHTS TO LINE SIDE OF AREA LIGHTING CIRCUIT.
26. DIRECTIONAL CHEVRONS SHALL CONFORM TO NFPA 5-10.4.1.2 AND SHALL BE IDENTIFIABLE AS A DIRECTIONAL INDICATOR AT A MINIMUM OF 40 FT. UNDER ALL SPACE CONDITIONS. PROVIDE DIRECTIONAL CHEVRONS AS INDICATED ON PLAN.
27. BRANCH CIRCUIT WIRING IS SHOWN ON THE FLOOR PLANS. NUMERALS ADJACENT TO THE HOMERUN SYMBOLS FOR LIGHTING, RECEPTACLES, MOTORS, APPLIANCES, ETC. INDICATE THE CIRCUIT NUMBER TO WHICH THE ITEMS ARE TO BE CONNECTED. PROVIDE BRANCH CIRCUIT WIRING FOR ALL ITEMS SHOWN IN ACCORDANCE WITH THESE GENERAL NOTES AND THE ELECTRICAL SPECIFICATIONS.
28. ALL 1 POLE, 15 AND 20 AMPERE BRANCH CIRCUITS SERVING RECEPTACLE OR LIGHTING SHALL BE 2 WIRE CIRCUITS PROVIDING AN INDIVIDUAL NEUTRAL CONDUCTOR FOR EACH UNGROUNDED (HOT) CIRCUIT CONDUCTOR. DO NOT SHARE NEUTRAL CONDUCTORS.
29. REFER TO ARCHITECTS REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF CEILING MOUNTED DEVICES.
30. ALL EXPOSED CABLES OF ANY TYPE IN PLENUM CEILING SPACE SHALL BE PLENUM RATED.
31. CONTRACTOR SHALL PROVIDE ALL NECESSARY MISCELLANEOUS STEEL FOR THE SUPPORT OF ALL EQUIPMENT, PIPING, CONDUIT AND DUCTWORK. SUSPENDED FROM SLAB, STEEL, WALL OR TRUSSWORK.
32. ALL PENETRATIONS OF FLOORS AND WALLS (WHETHER OR NOT FIRE RESISTANCE RATED) SHALL BE PROVIDED WITH A THROUGH PENETRATION PROTECTION SYSTEM (FIRESTOPPING). EACH THROUGH - PENETRATION PROTECTION SYSTEM SHALL BE TESTED IN ACCORDANCE WITH ASTM E814 AND BE LISTED FOR THE TYPE OF FLOOR OR WALL ASSEMBLY PENETRATED AND THE TYPE OF PROTECTION SYSTEM.
33. IT IS NOT THE INTENTION TO SHOW EVERY FITTING, HANGER, WIRE OR DEVICE, ALL SUCH ITEMS SHALL BE FURNISHED AND INSTALLED AS NECESSARY FOR A COMPLETE SYSTEM.
34. SEE SPECIFICATION SECTION "ELECTRICAL IDENTIFICATION" FOR PROPERLY LABELING EQUIPMENT WIRING, BOXES, ETC.
35. CONTRACTOR SHALL DETERMINE THE QUANTITY OF CONDUCTORS REQUIRED FOR PROPER OPERATION OF ALL SWITCHING SCHEMES.
36. PROVIDE ALL BONDING AND GROUNDING REQUIRED BY THE NATIONAL ELECTRIC CODE, NFPA 70 AND AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.
37. ALL REQUIRED BONDING CONDUCTORS SHALL BE MINIMUM #8 SOLID INSULATED COPPER, PROVIDE ALL NECESSARY FITTINGS, JUNCTION BOXES, END FITTINGS, ETC., FOR A COMPLETE, CONTINUOUS INSTALLATION.
38. ALL BONDING/GROUNDING CONNECTIONS SHALL BE MADE BY LISTED CLAMP OR CONNECTORS AS REQUIRED BY ARTICLE 250 OF NFPA 70, THE NATIONAL ELECTRIC CODE (CURRENT ADOPTED EDITION).
39. SEISMICALLY SUPPORT THE EQUIPMENT AS REQUIRED BY CODE, THE AUTHORITY HAVING JURISDICTION, AND/OR AS SPECIFIED. SUBMIT ENGINEERED INSTALLATION DETAILS PER THE SPECIFICATIONS. THE CONTRACTOR'S SEISMIC ENGINEER SHALL REVIEW THE INSTALLATION AND PROVIDE A DETAILED REPORT FOR THE RECORD.

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LANDSCAPE ARCHITECTURE
URBAN PLANNING

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PROPOSED:
DYER SOFTBALL FIELD
RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
ELECTRICAL SYMBOLS AND GENERAL NOTES

Rev:

Issue Date: JULY 29, 2021

Scale: AS NOTED | Drawn by: BJZ

Project number: 6381

Sheet #: E-0.0

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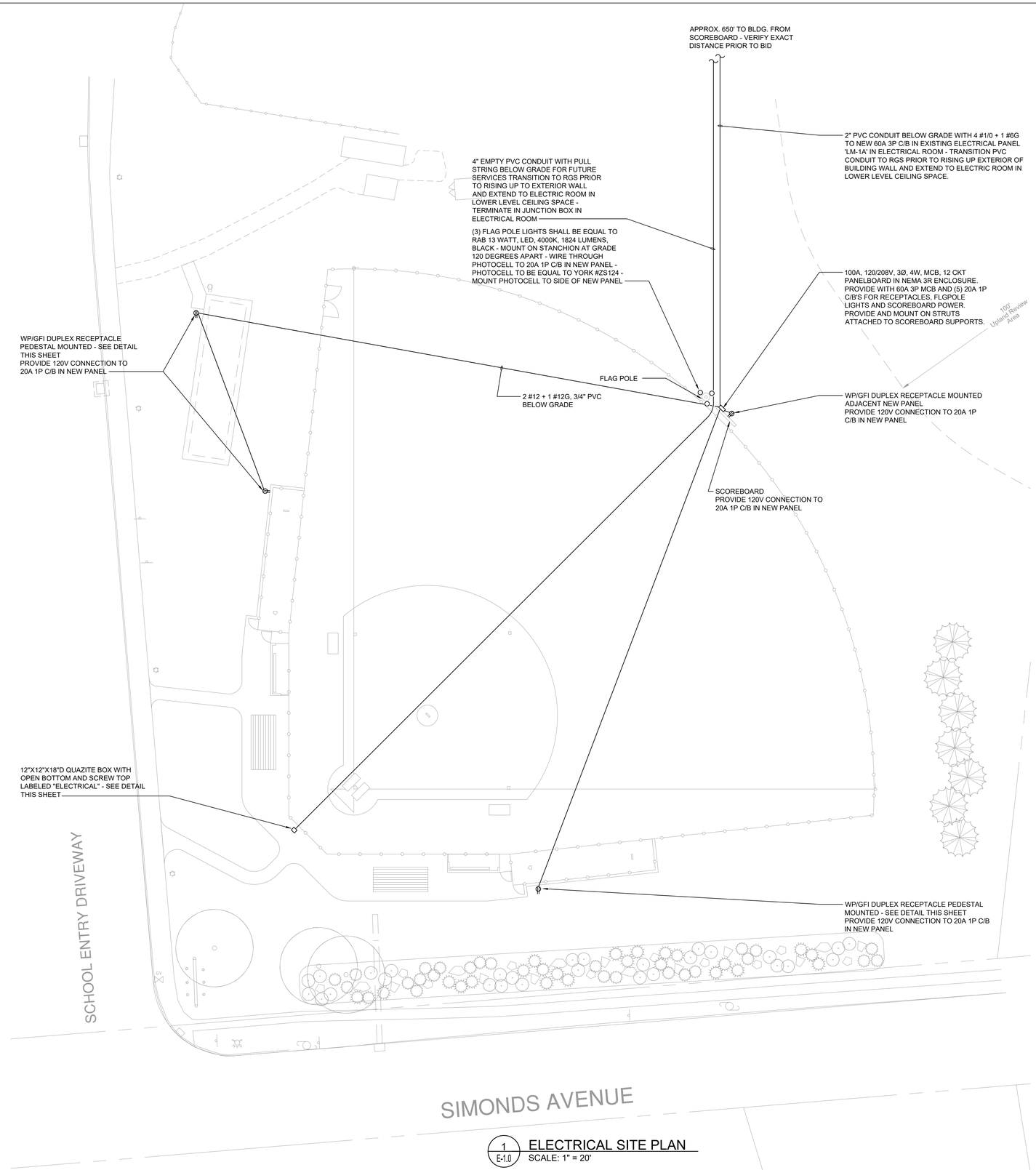
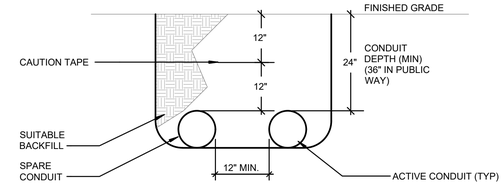


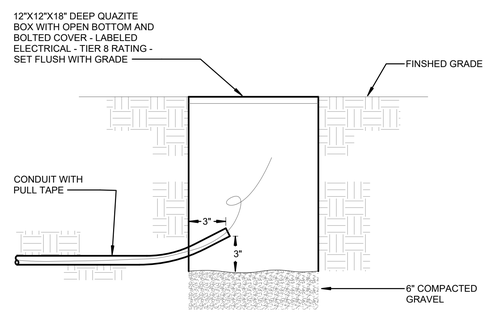
1 E-1.0 ELECTRICAL SITE PLAN
SCALE: 1" = 20'



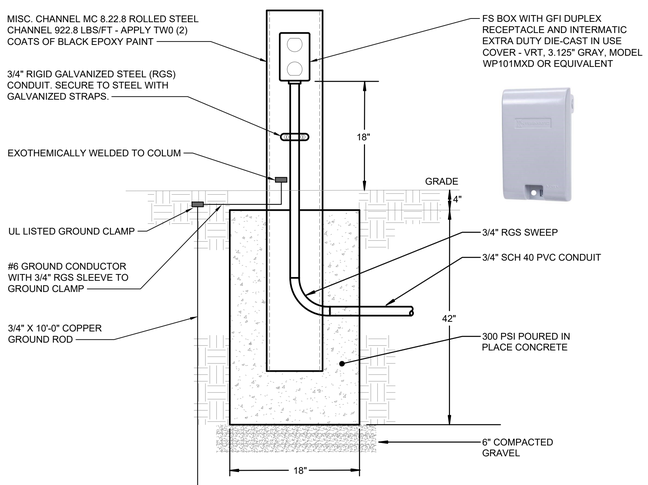
UNDERGROUND CAUTION TAPE: PERMANENT, BRIGHT -COLORED, CONTINUOUS PRINTED, VINYL TAPE FOR PERMANENT DIRECT- BURIAL SERVICE, AND WITH THE FOLLOWING FEATURES:

1. NOT LESS THAN 6 INCHES WIDE BY 4 MILS THICK.
2. EMBEDDED CONTINUOUS METALLIC STRIP OR CORE.
3. PRINTED LEGEND THAT INDICATES TYPE OF UNDERGROUND LINE.

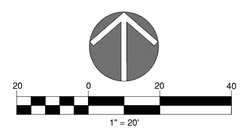
2 E-1.0 TRENCH DETAIL
NOT TO SCALE



3 E-1.0 QUAZITE BOX INSTALLATION DETAIL
NOT TO SCALE



4 E-1.0 PEDESTAL RECEPTACLE - MOUNTING DETAIL
NOT TO SCALE



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PROPOSED:
DYER SOFTBALL FIELD RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
ELECTRICAL SITE PLAN

Rev:

Issue Date: JULY 29, 2021

Scale: AS NOTED | Drawn by: BJZ

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Sheet #: E-1.0

ELECTRICAL SPECIFICATIONS:

GENERAL:

THE ENTIRE ELECTRICAL SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE CONNECTICUT STATE BUILDING CODE INCLUDING THE LATEST ADOPTED VERSION OF:

- INTERNATIONAL BUILDING CODE
- AMENDMENTS TO THE INTERNATIONAL BUILDING CODE
- INTERNATIONAL PLUMBING CODE
- INTERNATIONAL MECHANICAL CODE
- INTERNATIONAL ENERGY CONSERVATION CODE
- NATIONAL ELECTRICAL CODE
- ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT AND LABOR TO COMPLETE ELECTRICAL SYSTEMS AS SHOWN ON THE PLANS AND AS SPECIFIED HEREIN.

THE INTENT OF THESE SPECIFICATIONS AND CONTRACT DRAWINGS IS TO PROVIDE COMPLETE INSTALLATION OF THE VARIOUS SYSTEMS DESCRIBED HEREIN AND INDICATED ON THE DRAWINGS. ANY LISTING OR INDICATION OF ITEMS FURNISHED OR WORK TO BE PERFORMED SHALL NOT BE COMPLETE IN ITSELF AND SHALL NOT LIMIT THE GENERAL REQUIREMENTS TO FURNISH AND INSTALL WORK, EQUIPMENT, ACCESSORIES, CONTROLS, ETC., TO COMPLETE THE CONTRACT IN A SUBSTANTIAL MANNER. WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

A. NEW PANELBOARD INCLUDING CONNECTION TO EXISTING DISTRIBUTION SYSTEM

B. BRANCH CIRCUIT, SCOREBOARD AND RECEPTACLE WIRING AND CONDUIT, COMPLETE WITH ALL CONNECTIONS

C. PROVISION OF ALL OUTLET BOXES, WIRING DEVICES, PLATES, CONDUIT, CONDUIT FITTINGS, HANGERS, SUPPORTS, AND SUCH OTHER ITEMS REQUIRED AND INCIDENTAL FOR A COMPLETE INSTALLATION.

PERMITS AND FEES:

A. OBTAIN AND PAY FOR ALL NECESSARY PERMITS REQUIRED BY LAW AND LOCAL INSPECTIONS AUTHORITIES TO PERFORM THE ELECTRICAL WORK SPECIFIED HEREIN

WIRING AND RACEWAY:

1. THE DRAWINGS SHOW THE GENERAL LAYOUT AND TYPICAL DETAILS. PROVIDE COMPLETE SYSTEMS. DRAWINGS ARE BASED ON THE SPECIFIED EQUIPMENT. RACEWAY LAYOUTS, BOXES, AND WIRING OF THE SYSTEMS ARE SUBJECT TO APPROVED SHOP DRAWINGS.
2. ENSURE THAT ITEMS TO BE FURNISHED FIT THE SPACE AVAILABLE. MAKE NECESSARY FIELD MEASUREMENTS TO ASCERTAIN SPACE REQUIREMENTS, INCLUDING THOSE FOR CONNECTIONS, AND PROVIDE SUCH SIZES AND SHAPES OF EQUIPMENT THAT FINAL INSTALLATION SHALL SATISFY THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
3. LOCATIONS OF OUTLETS, SWITCHES, APPLIANCES, ETC. AS SHOWN ON ELECTRICAL PLANS ARE APPROXIMATE. COORDINATE WITH ARCHITECTURAL AND MECHANICAL PLANS AND DETAILS, AND WITH JOB CONDITIONS. INSTALL SWITCHES WITH "OFF" POSITION DOWN. INSTALL RECEPTACLES WITH GROUNDING POLE IN THE UP POSITION FOR VERTICAL MOUNTING AND AT LEFT FOR HORIZONTAL MOUNTING.
4. LOCATE AND INSTALL EQUIPMENT, JUNCTION AND PULL BOXES, PANEL BOARDS, SWITCHES, CONTROLS, AND OTHER APPARATUS REQUIRING MAINTENANCE, INSPECTION, AND OPERATION SO AS TO BE READILY ACCESSIBLE.

RACEWAY INSTALLATION:

1. IN ALL ARCHITECTURALLY FINISHED SPACES, CONDUITS AND CABLES SHALL BE RUN CONCEALED IN HUNG OR FURRED CEILINGS, SLABS, MASONRY, AND PARTITIONS UNLESS OTHERWISE INDICATED. SAW CUTTING AND FINISHED PATCHING SHALL BE REQUIRED IN EXISTING SLABS AND MASONRY WALLS. IN UNFINISHED SPACES, RACEWAYS MAY BE RUN EXPOSED.
2. UNLESS OTHERWISE INDICATED, EXACT ROUTING OF RACEWAYS SHALL BE DETERMINED BY THE CONTRACTOR TO SUIT THE PROJECT REQUIREMENTS AND FIELD CONDITIONS.
3. MINIMUM CONDUIT SIZE SHALL BE ¾" I.D.
   A. IN CONCRETE - RIGID METAL CONDUIT
   B. UNDERGROUND - RIGID NONMETALLIC CONDUIT
   C. EXPOSED AND CONCEALED - ELECTRICAL METALLIC TUBING

WIRING INSTALLATION:

1. DO NOT USE WIRE SMALLER THAN No. 12 AWG FOR ANY POWER OR LIGHTING CIRCUIT. USE LARGER SIZES WHERE INDICATED, AS REQUIRED BY CODES, AND AS FOLLOWS:

   30 AMPERE CIRCUIT: No. 10 AWG
   40 AMPERE CIRCUIT: No. 8 AWG
   50 AMPERE CIRCUIT: No. 6 AWG
   60 AMPERE CIRCUIT: No. 6 AWG

   A. MINIMUM HOMERUN AND BRANCH CIRCUIT WIRING SIZES AND MAXIMUM HOMERUN CONDUIT FILL FOR 120 VOLT, 20 AMPERE CIRCUITS SHALL BE AS FOLLOWS:

	CIRCUIT	HOMERUN CONDUIT SIZE
LENGTH	WIRE SIZE	WIRE SIZE (8 WIRES/CONDUIT)
0' TO 50'	#12	#12 ¾"
51' TO 100'	#12	#10 ¾"
101' TO 200'	#10	#8 1"

   GREATER THAN 200' - REQUEST DIRECTION FROM ARCHITECT/ENGINEER

   NOTE:PROVIDE DERATING PER CODE WHEN INSTALLING MORE THAN 3 CURRENT CARRYING CONDUCTORS IN CONDUIT.

   B. HOMERUNS AND BRANCH CIRCUIT WIRING FOR 277 VOLT, 20 AMPERE CIRCUITS SHALL BE AS FOLLOWS:

	CIRCUIT	HOMERUN CONDUIT SIZE
LENGTH	WIRE SIZE	WIRE SIZE (8 WIRES/CONDUIT)
0' TO 100'	#12	#12 ¾"
100' TO 200'	#12	#10 ¾"

   GREATER THAN 200' - REQUEST DIRECTION FROM ARCHITECT/ENGINEER

   NOTE:PROVIDE DERATING PER CODE WHEN INSTALLING MORE THAT 3 CURRENT CARRYING CONDUCTORS IN CONDUIT.

2. DO NOT USE WIRE SMALLER THAN No. 14 AWG FOR CONTROL CIRCUITS UNLESS OTHERWISE RECOMMENDED BY THE EQUIPMENT OR SYSTEM MANUFACTURER ON WIRING SHOP DRAWINGS, AND SO APPROVED BY THE ARCHITECT.
3. WIRING ABOVE ACCESSIBLE CEILINGS AND IN STUDDED PARTITIONS MAY BE TYPE MC CABLE
4. WHERE GREATER THAN THREE (3) CURRENT CARRYING CONDUCTORS ARE INSTALLED IN ANY ONE CONDUIT OR CABLE, CONDUCTORS MUST BE DERATED AND SIZES INCREASED, IF NEEDED, TO ACCOMMODATE CONDUCTOR DERATING AS REQUIRED BY NEC ARTICLE 310, NOTE 8(A) OF AMPACITY TABLES FOR 0-2000 VOLT CONDUCTORS.
5. CONDUCTORS SHALL BE COMPLETELY INSTALLED AND CONNECTED. PROVIDE ALL TERMINALS, LUGS, AND CONNECTORS TO SUIT THE APPLICATION, AND IN COMPLIANCE WITH EQUIPMENT MANUFACTURERS' RECOMMENDATIONS.
6. BRANCH CIRCUIT WIRING FOR LIGHTING AND OTHER SINGLE PHASE APPLICATIONS SHALL BE MULTI-WIRE, UTILIZING COMMON NEUTRALS, EXCEPT COMPUTER AND WORKSTATION CIRCUITS AND DIMMER CIRCUITS SHALL HAVE SEPARATE NEUTRALS, AND AS OTHERWISE INDICATED.
7. UNDER NO CIRCUMSTANCES SHALL ANY SWITCH OR CIRCUIT BREAKER BREAK A NEUTRAL CONDUCTOR.
8. THE CIRCUIT NUMBERS INDICATED ON THE DRAWINGS ARE INTENDED AS A GUIDE FOR PROPER CONNECTION OF CIRCUITS TO PANELS. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE FINAL CIRCUITING WORK FULFILLS THE FOLLOWING CONDITIONS:
   A. LOADS ON PANEL BUSSES SHALL BE PHASE-BALANCED AS EVENLY AS POSSIBLE.

GROUNDING INSTALLATION:

1. PROVIDE ALL ELECTRICAL GROUNDING TO CONFORM TO ARTICLE 250 OF THE NEC.
2. EQUIPMENT GROUNDING:
   A. INCLUDE AN INSULATED GROUND CONDUCTOR IN ALL CONDUIT RUNS CONTAINING SECTIONS OF FLEXIBLE CONDUIT UNLESS OTHERWISE NOTED.
   B. INCLUDE AN INSULATED GROUND CONDUCTOR IN ALL BRANCH CIRCUIT RACEWAYS OR CABLES UNLESS OTHERWISE NOTED.

SWITCHES AND RECEPTACLES:

1. LIGHT SWITCHES - 20 AMP, 120V - PASS & SEYMOUR #PS20AC1I
2. DUPLEX RECEPTACLES - 20 AMP, 120V - PASS & SEYMOUR #PT5362LI
3. SPECIAL PURPOSE RECEPTACLES - AS SPECIFIED AND SHOWN ON THE DRAWINGS OR AS REQUIRED TO MATCH EQUIPMENT SERVED.
4. PLATES - PASS & SEYMOUR TP SERIES
5. WIRING DEVICES AS SPECIFIED ARE BASED ON PASS AND SEYMOUR CATALOG NUMBERS. DEVICES AS MANUFACTURED BY LEVITON OR HUBBEL WILL BE CONSIDERED, IF THEY ARE OF THE SAME TYPE AND QUALITY.
6. ALL DEVICES AND PLATES SHALL BE IVORY UNLESS OTHERWISE NOTED. COORDINATE ALL FINISHES WITH ARCHITECT PRIOR TO PURCHASE.

EXAMINATION OF SITE:

1. BEFORE SUBMITTING BID, CONTRACTOR SHALL VISIT THE SITE WITH PLANS AND SPECIFICATIONS IN HAND AND SHALL BECOME THOROUGHLY FAMILIAR WITH ALL CONDITIONS UNDER WHICH HIS WORK WILL BE PERFORMED.
2. THE SUBMISSION OF A BID SHALL BE TAKEN AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE, AND DIFFICULTIES, IF ANY, NOTED AND REPORTED TO THE ENGINEER. LATTER CLAIMS FOR EXTRA COST OF LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR ANY DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN, SHALL NOT BE RECOGNIZED.

FINAL INSPECTION AND TEST:

1. PRIOR TO TEST, FEEDERS AND BRANCHES SHALL BE CONTINUOUS FROM SERVICE CONTACT POINT TO EACH OUTLET. ALL PANELS, FEEDERS AND DEVICES CONNECTED AND CIRCUIT BREAKERS IN PLACE. TEST SYSTEM FREE FROM SHORT CIRCUITS AND GROUND WITH INSULATION RESISTANCE NOT LESS THAN OUTLINED IN THE 2005 NATIONAL ELECTRICAL CODE. PROVIDE TESTING EQUIPMENT NECESSARY AND CONDUCT TEST IN PRESENCE OF OWNER'S AUTHORIZED REPRESENTATIVE.

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SITE DESIGN
LANDSCAPE ARCHITECTURE
URBAN PLANNING

Prepared For:
TOWN OF CANTON

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PROPOSED:
DYER SOFTBALL FIELD RELOCATION PROJECT
76 SIMONDS AVE COLLINSVILLE, CT

Sheet Description:
ELECTRICAL SPEC'S

Rev:

Issue Date: JULY 29, 2021

Scale: AS NOTED | Drawn by: BJZ

Project number: 6381

Sheet #: E-2.0