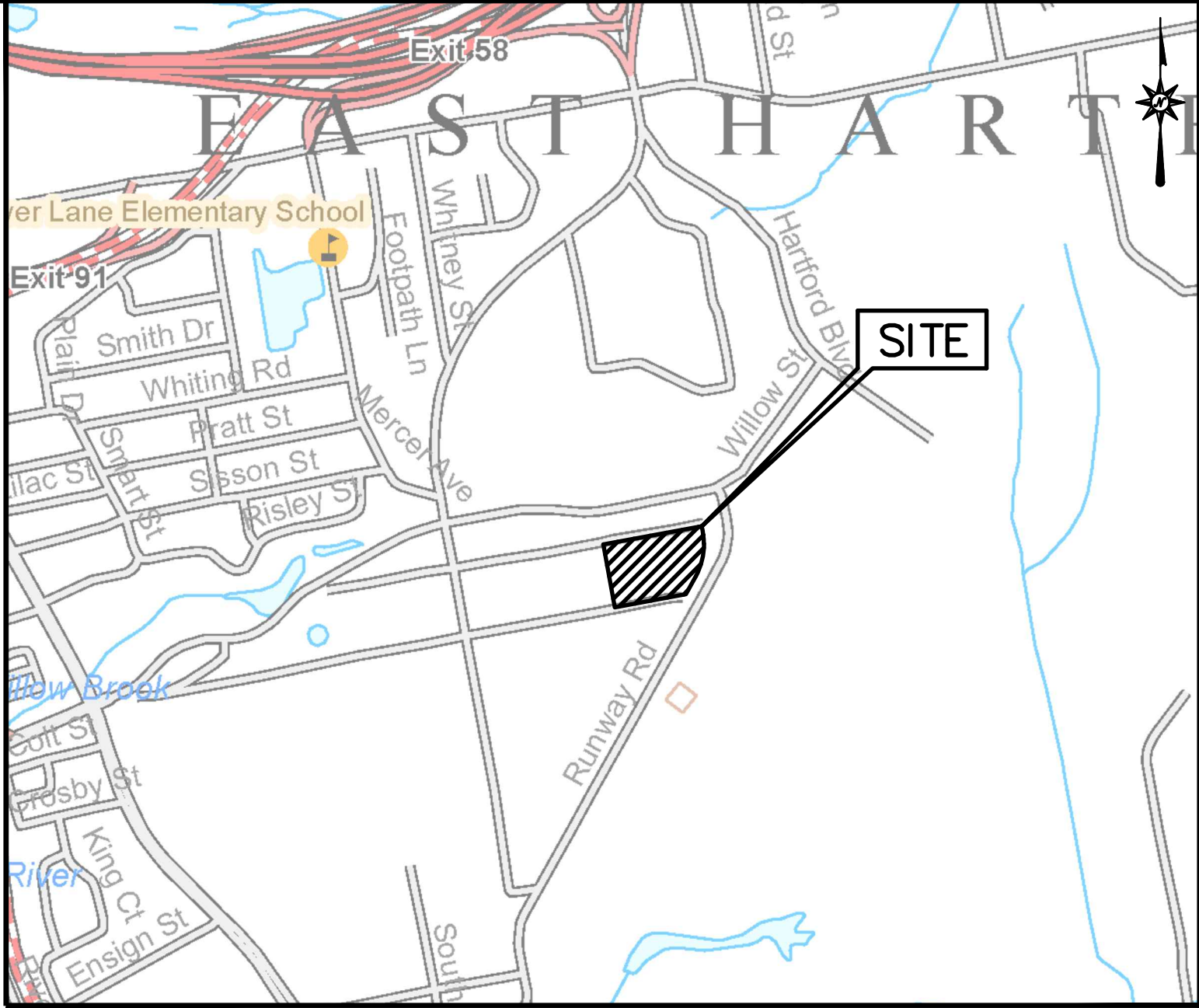


LOCATION MAP

N.T.S.

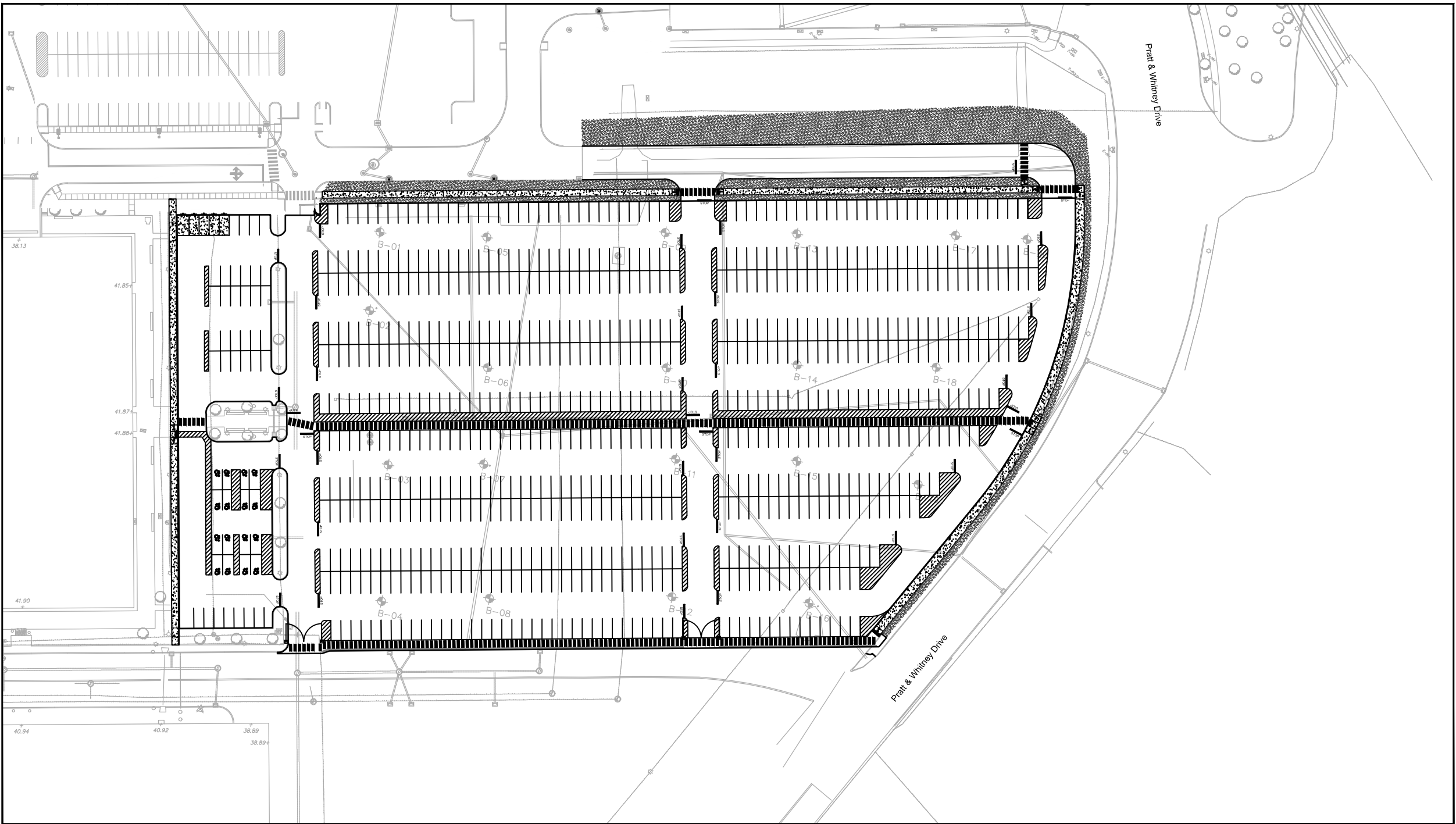
TOWN OF EAST HARTFORD, CONNECTICUT SITE PLAN AND SEDIMENT AND EROSION CONTROL PLAN APPROVAL FOR REPAVING OF OBB-1 & OBB-2 PARKING LOTS MAP LOT # 20-45

LOCATION:
400 MAIN STREET
EAST HARTFORD, CT 06118



VICINITY MAP

1 INCH = 1000 FEET



PROJECT MAP

1 INCH = 100 FEET

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NOTE:
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TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____
CHAIRMAN

DRAWING LIST

	TITLE SHEET
EX-1	LIMITED TOPOGRAPHIC SURVEY
DM-1	DEMOLITION PLAN
SP-1	SITE PLAN
GD-1	GRADING AND DRAINAGE PLAN
EC-1	SEDIMENT AND EROSION CONTROL PLAN
SE-1	SITE LIGHTING ELECTRICAL PLAN - NORTH
SE-2	SITE LIGHTING ELECTRICAL PLAN - SOUTH
SE-3	SITE LIGHTING POWER RISER AND CONTROLS
SE-4	SITE LIGHTING ELECTRICAL DETAILS
SE-5	SITE LIGHTING ELECTRICAL DETAILS
SE-6	SITE LIGHTING ELECTRICAL DETAILS
DN-1	SITE DETAILS
DN-2	SITE DETAILS
DN-3	SITE DETAILS

OWNER:
PRATT AND WHITNEY
400 MAIN STREET
EAST HARTFORD, CT 06118

DATES

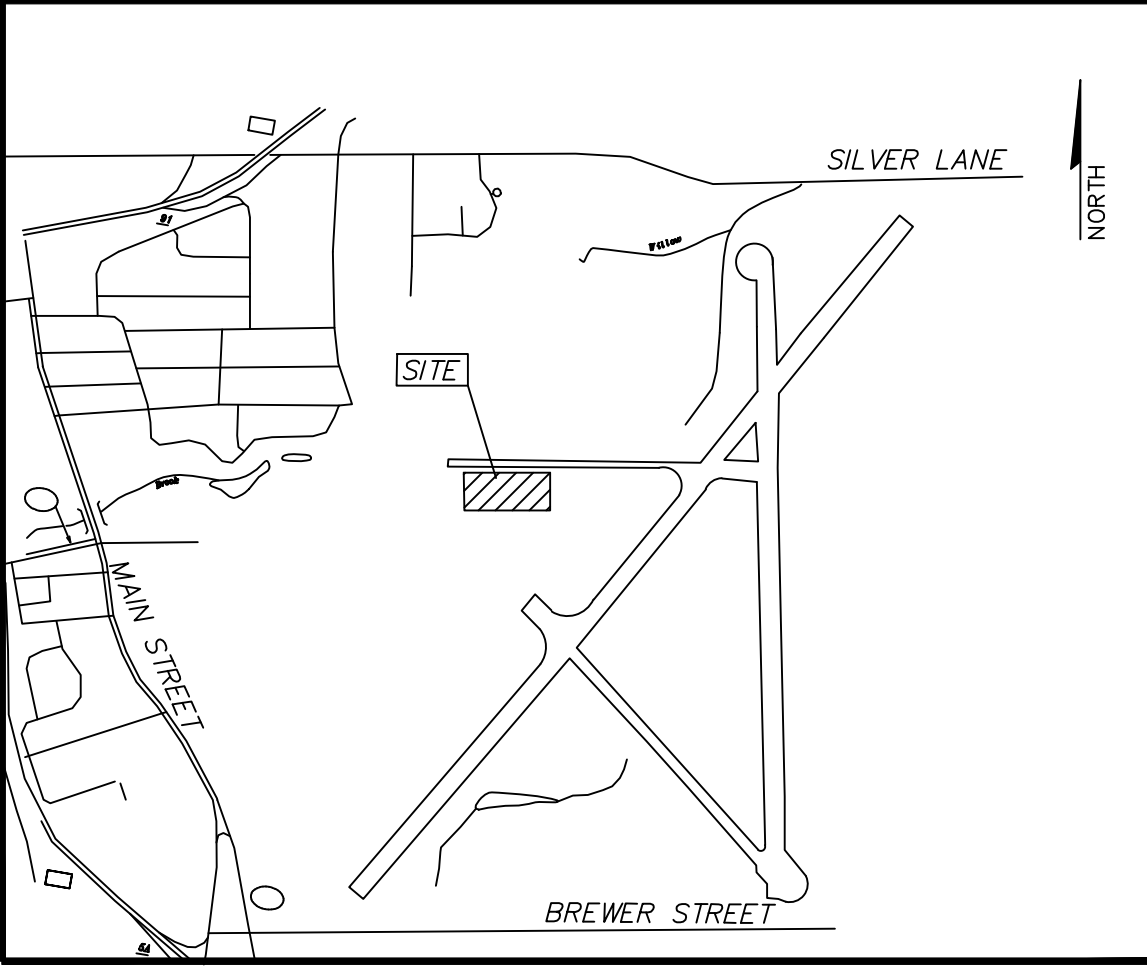
ISSUE DATE: FEBRUARY 21, 2017
REVISION:

PREPARED BY:
FREEMAN
COMPANIES
LAND DEVELOPMENT | ENGINEERING DESIGN | CONSTRUCTION SERVICES
DBE | DAS | MBE | GNMSDC CERTIFIED
CIVIL | GEOTECHNICAL
SURVEY | ENVIRONMENTAL

FREEMAN COMPANIES, LLC

36 JOHN STREET
HARTFORD, CT 06103
TEL: 860-251-9550
FAX: 860-986-7161

WWW.FREEMANCOS.COM
ELEVATE YOUR EXPECTATIONS



NOT TO SCALE

(SYMBOLS NOT TO SCALE)

- = CATCH BASIN
- = SANITARY MANHOLE
- = DRAINAGE MANHOLE
- = WATER MANHOLE
- = TELEPHONE MANHOLE
- = ELECTRIC MANHOLE
- = UNKNOWN MANHOLE
- = YARD DRAIN
- = CABLE MANHOLE
- = FLARED END SECTION
- = FIRE HYDRANT
- = WATER GATE VALVE
- = GAS GATE VALVE
- = MISC. GATE VALVE
- = VENT PIPE
- = FILLCAP
- = WELL
- = MAIL BOX
- = HAND HOLE
- = CONTROLLER CABINET
- = ELECTRIC TRANSFORMER
- = UTILITY POLE
- = GUY WIRE
- = CROSSWALK POLE
- = LIGHT POLE
- = POST
- = TRAFFIC LIGHT SUPPORT POLE
- = STREET SIGN
- = TREE (TYP.)
- = MONITOR WELL
- = BORING
- = ELECTRIC METER
- = GAS METER
- = WATER METER
- = TELEPHONE
- = AC UNIT
- = TREE LINE
- = STONE WALL
- = GUIDE RAIL
- = DIRECTION OF FLOW
- = I.P. PROPERTY CORNER
- = MONUMENT
- = DRILL HOLE
- = SURVEY CONTROL POINT
- = FENCE LINE
- = WATER LINE
- = GAS LINE
- = ELECTRIC LINE
- = CABLE TELEVISION LINE
- = OVERHEAD WIRES
- = SECURITY TV CAMERA CABLE
- = PAINTED CROSSWALK
- = MOTORCYCLE

FOR PERMITTING PURPOSES ONLY
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TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____
_____ CHAIRMAN

1. THIS SURVEY HAS BEEN PREPARED BY FREEMAN COMPANIES, LLC IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT, ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

2. IT IS A LIMITED TOPOGRAPHIC SURVEY INTENDED TO BE USED FOR DESIGN PURPOSES. THIS SURVEYOR IS NOT RENDERING A BOUNDARY OPINION BY PRODUCING THIS MAP.

4. THIS SURVEY CONFORMS TO CLASS T-2 ACCURACY STANDARDS.

5. BEARINGS AND COORDINATES DEPICTED HEREON REFER TO NAD 27. CONTROL POINTS WERE PROVIDED BY FUSS & O'NEILL POINTS 102 N336, 734.75 E635, 349.44 AND POINT 101 N338, 650.12 E635, 179.54 WERE USED FOR ORIENTATION.

6. ELEVATIONS DEPICTED HEREON REFER TO NGVD 29. CGS 270X WAS USED FOR REFERENCE. ELEVATION = 46.18.

1. LIMITED TOPOGRAPHIC SURVEY PREPARED FOR MATOS GROUP SILVER
LANE AND ROBERTS STREET EAST HARTFORD, CONNECTICUT DATED
6-23-08 REVISED TO 07-22-08 BY:F.A.HESKETH & ASSOC. INC.

1. LIMITED TOPOGRAPHIC SURVEY PREPARED FOR MATOS GROUP SILVER
LANE AND ROBERTS STREET EAST HARTFORD, CONNECTICUT DATED
6-23-08 REVISED TO 07-22-08 BY:F.A.HESKETH & ASSOC. INC.

Figure 1 is a horizontal bar chart showing the distribution of the number of children per family. The x-axis is labeled with values 0, 20, 40, 80, and 160. The bars represent the frequency of families for each number of children. The distribution is skewed to the right, with a peak at 0 children.

(IN FEET)
1 inch = 40 ft.

TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT
AS NOTED HEREON.

THIS MAP IS NOT VALID WITHOUT THE LIVE SIGNATURE AND IMPRESSION TYPE SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

PETER PARIZO PLS 14653

[illegible]

LIMITED TOPOGRAPHIC SURVEY

EX-1

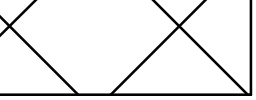
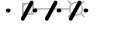
DEMOLITION NOTES

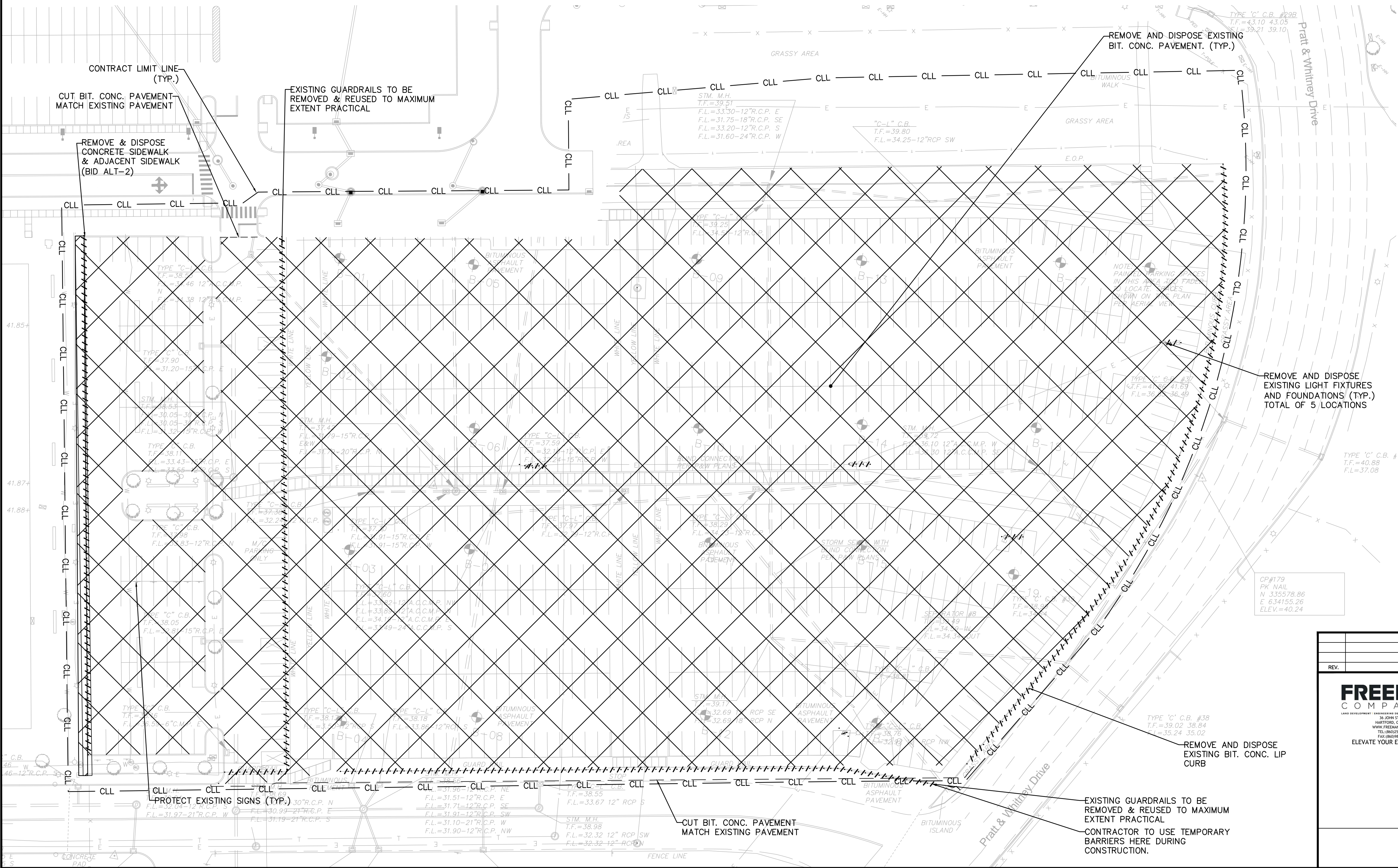
1. SEDIMENT AND EROSION CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO START OF DEMOLITION AND CLEARING AND GRUBBING OPERATIONS.
2. REMOVE AND DISPOSE OF ANY CONCRETE/PAVEMENT DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED OFF-SITE LANDFILL, BY AN APPROVED HAULER. HAULER SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATORY REQUIREMENTS.
3. THE CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS DEMOLITION WORK 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 CUT AND PLUG, OR ARRANGE FOR THE APPROPRIATE UTILITY PROVIDER TO CUT AND PLUG, ALL SERVICE PIPING AT THE STREET LINE OR AT THE MAIN, AS REQUIRED BY THE UTILITY PROVIDER, OR AS OTHERWISE NOTED OR SHOWN ON THE CONTRACT DRAWINGS. ALL SERVICES MAY NOT BE SHOWN ON THIS PLAN. THE CONTRACTOR SHALL INVESTIGATE THE SITE PRIOR TO CONSTRUCTION TO DETERMINE THE EXTENT OF SERVICE PIPING TO BE REMOVED, CUT OR PLUGGED. THE CONTRACTOR SHALL PAY ALL UTILITY PROVIDER FEES FOR ABANDONMENTS AND REMOVALS.
7. THE CONTRACTOR SHALL PROTECT ALL IRON PINS, AND PROPERTY CORNERS DURING DEMOLITION ACTIVITIES. ANY CONTRACTOR DISTURBED PINS, AND OR PROPERTY CORNERS, ETC. SHALL BE RESET BY A LICENSED LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
8. THE CONTRACTOR SHALL STABILIZE THE SITE AND KEEP EROSION AND SEDIMENT 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.
9. 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.
10. 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.
11. CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES AND UNIFORMED TRAFFICMEN/OFFICERS 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.
12. 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.

13. THE CONTRACTOR SHALL PROVIDE DISCONNECT NOTIFICATION IF NEEDED TO THE UTILITY COMPANIES AND TOWN AT LEAST THREE WEEKS PRIOR TO BEGINNING DEMOLITION.
14. BACK FILL DEPRESSIONS AREAS IN LOCATIONS NOT SUBJECT TO FURTHER EXCAVATION WITH SOIL MATERIAL CALLED FOR IN SITE SPECIFICATIONS AND COMPACT, FERTILIZE, SEED AND MULCH DISTURBED AREAS NOT SUBJECT TO FURTHER SITE CONSTRUCTION.
15. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, DRAINAGE STRUCTURE, SWALE OR LANDSCAPED AREAS DISTURBED DURING DEMOLITION TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE OWNER.
16. NO WORK ON THIS SITE SHALL BE INITIATED BY THE CONTRACTOR UNTIL A PRE-CONSTRUCTION MEETING WITH THE OWNER AND THE ENGINEER IS PERFORMED.
17. 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.
18. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION OR UTILITY DISCONNECTIONS UNTIL AUTHORIZED TO DO SO BY THE OWNER AND/OR ENGINEER.
19. THE CONTRACTOR OR DEMOLITION CONTRACTOR SHALL INSTALL TEMPORARY SHEETING OR SHORING AS NECESSARY TO PROTECT NEW 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.
20. NO SALVAGE SHALL BE PERMITTED UNLESS PAID TO THE OWNER AS A CREDIT.
21. ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOBSITE RESPONSIBILITIES, SUPERVISION OF PERSONNEL OR TO SUPERVISE SAFETY, AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
22. THE CONTRACTOR SHALL COMPLY WITH OSHA CFR29 PART 1926 FOR EXCAVATION, TRENCHING, AND TRENCH PROTECTION REQUIREMENTS.
23. BITUMINOUS AND CONCRETE PAVEMENT WITHIN THE LIMITS OF WORK ARE TO BE REMOVED UNLESS OTHERWISE NOTED.
24. ALL LANDSCAPING, TREES AND OTHER VEGETATION WITHIN THE LIMITS OF WORK SHALL BE REMOVED, UNLESS OTHERWISE NOTED.
25. ALL METALS TO BE DISPOSED OF SHALL BE BROUGHT TO WASTE TREATMENT LOCATED ON THE NORTH SIDE OF THE CAMPUS.

LEGEND

- CUT BIT. CONC. PAVEMENT
- CLL --- CONTRACT LIMIT LINE
-  EXISTING BIT. CONCRETE PAVEMENT TO BE REMOVED TO A MIN. DEPTH OF 18 INCHES
-  EXISTING STRUCTURE, FEATURE, AND FOUNDATION TO BE REMOVED



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TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____

CHAIRMAN

FREEMAN
COMPANIES

LAND DEVELOPMENT | ENVIRONMENTAL DESIGN | CONSTRUCTION SERVICES
HARTFORD, CT 06105
WWW.FREEMANCO.COM
TEL (860)251-1500
FAX (860)298-7400

ELEVATE YOUR EXPECTATIONS

P&W, EAST HARTFORD, CT
REPAVEMENT OF
OBB-2 PARKING LOT

Pratt & Whitney
A United Technologies Company

FACILITIES & SERVICES
EAST HARTFORD, CT 06108, U.S.A.

CATEGORY CIVIL
SUB-CATEGORY PARKING LOT LAYOUT

SCALE
1"=40'

REV.	DESCRIPTION OF REVISION	DATE	DRAWN BY	APPR. BY

PLANT NO.	BUILDING / SITE
	OBB-2 PARKING LOT
SAP FUNCTIONAL LOCATION	
PLANT LAYOUT DWG NO. / ALT. FUNCTIONAL LOCATION	
DRAWN BY:	DATE
M.K.	02/21/2017
CHECKED BY:	DATE
P.A.R.	02/21/2017
APPROVED BY:	DATE
P.A.R.	02/21/2017
SAP ORDER NO.	
DRAWING NO.	
SHEET NO.	002
DISCIPLINE	C
NO. OF SHEETS	008




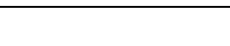
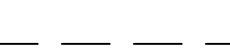
DEMOLITION PLAN

DM-1

SITE PLAN NOTES

- | | |
|---|---|
| <p>1. ALL CONSTRUCTION SHALL COMPLY WITH PROJECT SPECIFICATION MANUAL; CORPORATION STANDARDS, TOWN OF EAST HARTFORD STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE HIGHER STANDARD SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.</p> <p>2. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL COUNTY AND TOWN CONSTRUCTION PERMITS, INCLUDING CONNECTICUT DOT PERMITS AND SEWER AND WATER CONNECTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.</p> <p>3. REFER TO PLANS, DETAILS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING/CONSTRUCTION. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.</p> <p>4. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS PER PLANS AND SPECIFICATIONS TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.</p> <p>5. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED SEQUENCE OF CONSTRUCTION NOTES PROVIDED ON THE EROSION CONTROL PLAN OR SUBMIT AN ALTERNATE PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.</p> <p>6. SHOULD ANY UNKNOWN OR INCORRECTLY LOCATED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE CIVIL ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.</p> <p>7. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS, EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.</p> <p>8. ALL SITE DIMENSIONS ARE REFERENCED TO THE FACE OF CURB OR EDGE OF PAVING AS APPLICABLE, UNLESS OTHERWISE NOTED.</p> <p>9. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES, TRAFFICMEN AND UNIFORMED TRAFFIC OFFICERS AS REQUIRED OR AS ORDERED BY THE ENGINEER, AS REQUIRED BY THE LOCAL GOVERNING AUTHORITIES OR AS REQUIRED BY PERMIT STIPULATIONS.</p> <p>10. REFER TO DETAIL SHEETS FOR PAVEMENT, CURBING, AND SIDEWALK INFORMATION.</p> <p>11. TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS SHALL BE INSTALLED PLUMB WITH THE EDGE OF THE SIGN 2' OFF THE FACE OF THE CURB, AND WITH 7' VERTICAL CLEARANCE UNLESS OTHERWISE DETAILED OR NOTED.</p> | <p>12. THE CONTRACT LIMIT IS THE LIMIT OF DISTURBANCE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE CONTRACT DRAWINGS.</p> <p>13. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.</p> <p>14. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING OF THE PAVEMENT MARKING PAINT MIXTURE TO BE UTILIZED PRIOR TO STRIPING.</p> <p>15. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER.</p> <p>16. THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.</p> <p>17. THE ARCHITECT AND ENGINEER ARE NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OF PERSONNEL OR TO SUPERVISE SAFETY AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.</p> <p>18. THE CONTRACTOR SHALL COMPLY WITH OSHA CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.</p> <p>19. EXISTING BOUNDARY AND TOPOGRAPHY IS BASED ON THE DRAWING TITLED "LIMITED TOPOGRAPHIC SURVEY" SCALE 1"=40' DATED APRIL 16, 2015 BY FREEMAN COMPANIES, LLC.</p> <p>20. ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.</p> <p>21. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS 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 AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. 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.</p> <p>22. PAVEMENT MARKINGS SHALL BE NOT APPLIED TYPE IN ACCORDANCE WITH CONNECTICUT DOT SPECIFICATIONS, UNLESS WHERE EPOXY RESIN PAVEMENT MARKINGS ARE INDICATED.</p> <p>23. THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT TO BE UTILIZED FOR CONSTRUCTION.</p> <p>24. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.</p> <p>25. NO PART OF THE PROJECT PARCEL IS LOCATED WITHIN ANY FEMA DESIGNATED FLOOD HAZARD AREAS.</p> <p>26. THERE ARE NO WETLANDS LOCATED ON THE SITE AS INDICATED BY NATIONAL WETLAND INVENTORY MAPPING.</p> |
|---|---|

LEGEND

 CONTRACT LIMIT LINE
 PROPOSED CONCRETE CURB
 CUT BIT. CONC. PAVEMENT
 CONCRETE SIDEWALK
 4" TOPSOIL & SEED

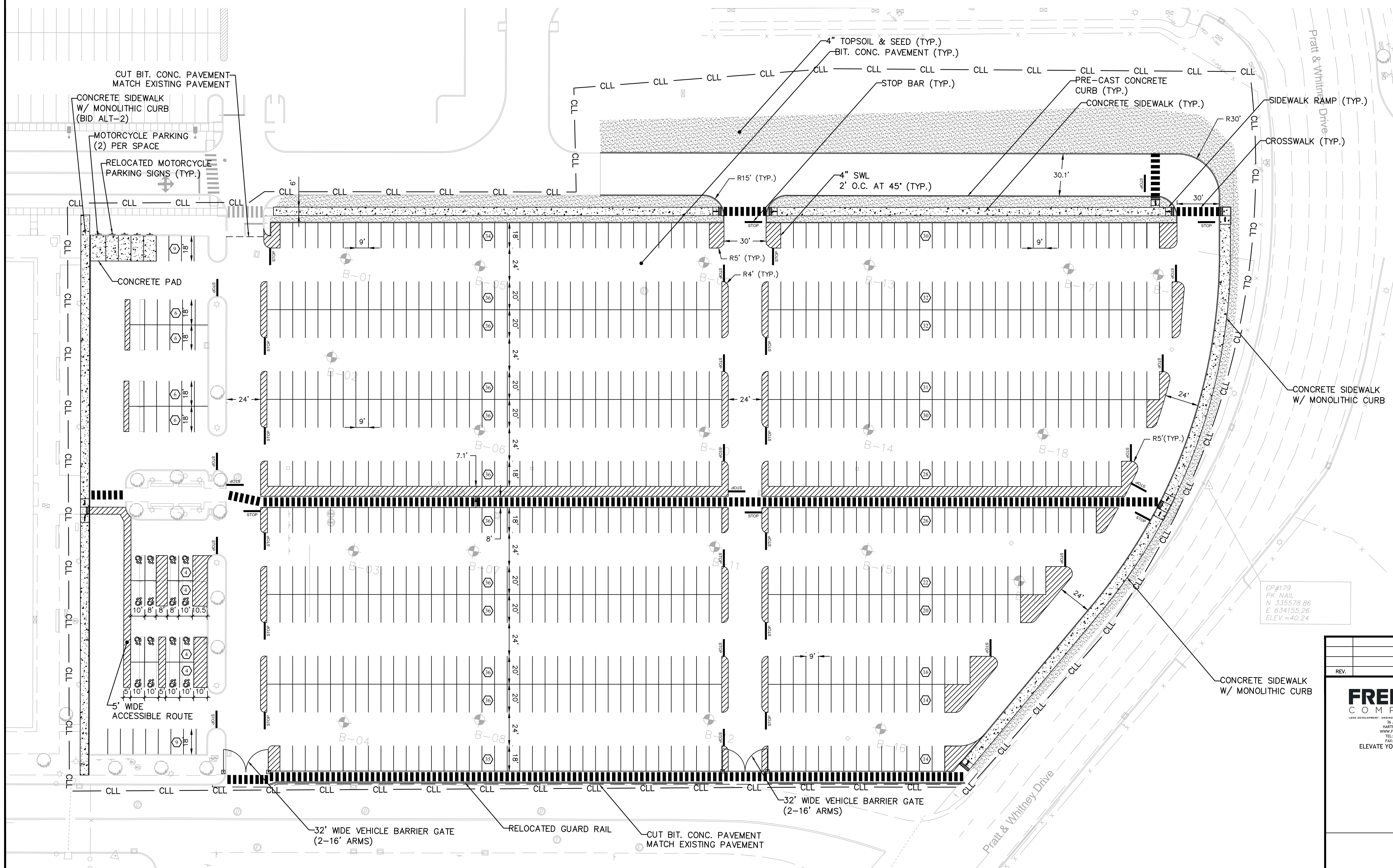
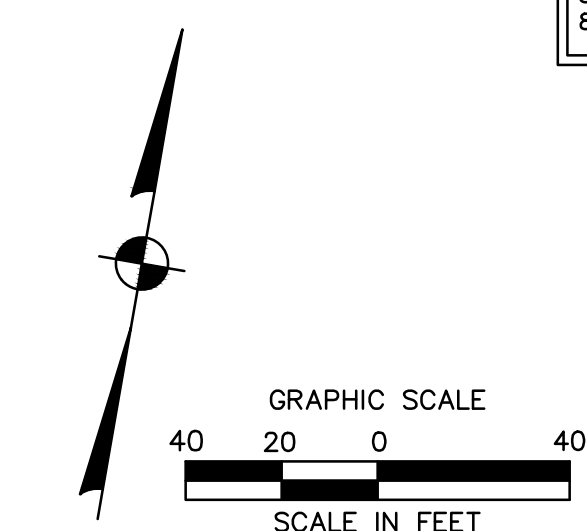
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NOTE:
THE DEVELOPER SHALL NOTIFY THE TOWN OF EAST HARTFORD
ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM
DRAINAGE, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING,
STREET LINE MONUMENTATION, PROPERTY CORNER PINS, ETC., TO
SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN
8:30 A.M. - 4:30 P.M. AT (860)291-7380.

TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____
_____ CHAIRMAN

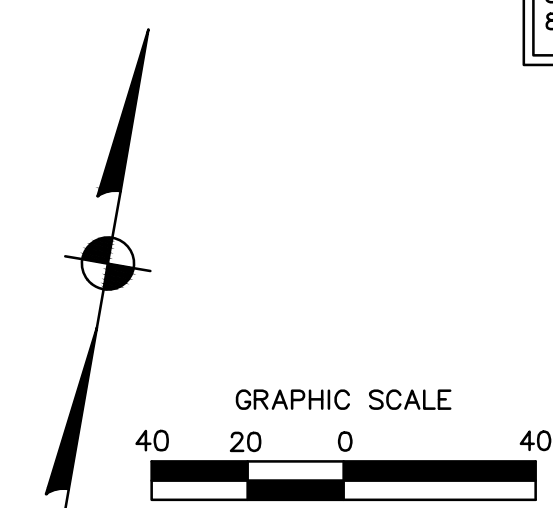
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1. SEE SITE PLAN FOR ADDITIONAL GENERAL NOTES.
2. THIS DRAWING IS INTENDED TO DESCRIBE GRADING AND DRAINAGE ONLY. REFER TO SITE PLAN FOR GENERAL INFORMATION, AND DETAIL SHEETS FOR DETAILS.
3. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON THE DRAWINGS. REFER TO EROSION CONTROL PLAN FOR LIMIT OF DISTURBANCE AND EROSION CONTROL NOTES.
4. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR USE IN FINAL LANDSCAPING.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS FROM THE CONNECTICUT DOT AND TOWN OF EAST HARTFORD REQUIRED TO PERFORM ALL REQUIRED WORK, INCLUDING STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES.
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL DEVICES FOR PROTECTION OF VEHICLES AND PEDESTRIANS CONSISTING OF DRUMS, BARRIERS, SIGNS, LIGHTS, FENCES AND UNIFORMED TRAFFICMEN/OFFICERS AS REQUIRED, PROVIDED BY THE ENGINEER OR REQUIRED BY THE STATE AND LOCAL GOVERNING AUTHORITIES.
7. VERTICAL DATUM IS NGVD 29.
8. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD AND APPROVED BY THE TOWN OF EAST HARTFORD AGENT PRIOR TO THE START OF WORK ON THE SITE.
9. ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK, SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL. OTHERWISE THIS WORK SHALL CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION AND PROJECT GEOTECHNICAL REPORT IF THERE IS NO PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS; AND/OR PROJECT GEOTECHNICAL REPORT, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER.
10. ALL DISTURBANCE INCURRED TO PUBLIC, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF EAST HARTFORD AND STATE OF CONNECTICUT.
11. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT SPECIFICATIONS MANUAL, THE LOCAL MUNICIPALITY'S STANDARDS AND COUNTY STANDARDS AND STATE DOT SPECIFICATIONS AS APPLICABLE FOR THE LOCATION OF THE WORK. ALL CONSTRUCTION WITHIN A DOT RIGHT OF WAY SHALL COMPLY WITH ALL DEPARTMENT OF TRANSPORTATION STANDARDS. WHERE SPECIFICATIONS OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION OR STANDARD SHALL BE SUPERIOR.
12. 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.

- PRODUCT NOTES:
1. SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR DESIGNATED MATERIALS AND STRUCTURES FOR REVIEW AND APPROVAL PRIOR TO DELIVERY TO THE SITE. ALLOW 14 WORKING DAYS FOR REVIEW.
 2. POLY VINYL CHLORIDE PIPE (PVC) FOR STORM AND SANITARY PIPING SHALL HAVE BUILT-IN RUBBER GASKET JOINTS. PVC SHALL CONFORM TO ASTM D-3034 (SDR35) WITH COMPRESSION JOINTS AND MOLDED FITTINGS. PVC SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS; ASTM D3231 AND MANUFACTURER'S RECOMMENDED PROCEDURE.
 3. MANHOLE SECTIONS AND CONSTRUCTION SHALL CONFORM TO ASTM C-478.

The legend includes the following items:

- 50' ———— EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT GRADE
- CONTRACT LIMIT LINE
- PROPOSED STONE TRENCH
- PROPOSED STORM LINE
- PROPOSED CATCH BASIN AND CB TOP
- PROPOSED STORM MANHOLE



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TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

CHAIRMAN

FREEMAN
COMPANIES

P&W, EAST HARTFORD, CT
REPAVEMENT OF
OBB-2 PARKING LOT



FACILITIES & SERVICES
EAST HARTFORD, CT 06108, U.S.A.

GRADING AND DRAINAGE PLAN

GD-1








SEDIMENT AND EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY TOWN OF EAST HARTFORD. THE CONTRACTOR SHALL KEEP A COPY OF THE CURRENT GUIDELINES ON SITE FOR REFERENCE DURING CONSTRUCTION. ALL SEDIMENTATION AND EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION OF TEMPORARY SEDIMENTATION TRAPS/BASINS, TEMPORARY DIVERSION SWALES AND ANTI-TRACKING PADS, SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
2. THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN IN A GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS WHEN DIRECTED BY THE ENGINEER. SEE SEDIMENT AND EROSION CONTROL DETAILS AND SUGGESTED CONSTRUCTION SEQUENCE FOR MORE INFORMATION. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE SEDIMENT AND EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED WITH CONSTRUCTION ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, INFORMING THE GOVERNING AUTHORITY OR INLAND WETLANDS AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE SEDIMENT & EROSION CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED. COMPLY WITH REQUIREMENTS OF CGS SECTION 22A, 430B FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND WITH DEP RECORD KEEPING AND INSPECTION REQUIREMENTS.
4. A BOND MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
5. THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, MUNICIPAL OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENTATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM WITH A RAINFALL AMOUNT OF 0.2 INCHES OR GREATER TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS WHERE NECESSARY.
7. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (HAY BALES, SILT FENCE, JUTE MESH, ETC.) ON-SITE FOR PERIODIC MAINTENANCE AND EMERGENCY REPAIRS.
8. ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
9. PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING AT THE DRIP LINE, OR AS DETAILED, WITH SNOW FENCE, ORANGE SAFETY FENCE, OR EQUIVALENT FENCING. ANY LINE TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA. FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.

10. ANTI-TRACKING PADS SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED.
11. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER. STAKED HAY BALES OR SILT FENCES SHALL ALSO BE INSTALLED AT THE DOWNHILL SIDES OF BUILDING EXCAVATIONS, DEWATERING PUMP DISCHARGES, AND MATERIAL STOCKPILES.
12. INSTALL TEMPORARY DIVERSION DITCHES, PLUNGE POOLS, TEMPORARY SEDIMENT TRAPS/BASINS, AND DEWATERING PITS AS SHOWN AND AS NECESSARY DURING VARIOUS PHASES OF CONSTRUCTION TO CONTROL RUNOFF UNTIL UPHILL AREAS ARE STABILIZED. LOCATION OF TEMPORARY SEDIMENT TRAPS/BASINS WILL REQUIRE REVIEW AND APPROVAL BY THE ENGINEER AND GOVERNING OFFICIAL. DEWATERING SETTLING TRAPS SHALL BE USED IF GROUND WATER IS ENCOUNTERED. NO RUNOFF SHALL BE ALLOWED TO EXIT THE SITE PRIOR TO TREATMENT FOR SEDIMENT REMOVAL.
13. AS GENERAL GRADING OPERATIONS PROGRESS, THE TEMPORARY DIVERSION DITCHES SHALL BE RAISED OR LOWERED AND RELOCATED, AS CUT AND FILL SLOPES DICTATE, TO DIVERT SURFACE RUNOFF TO THE SEDIMENT TRAPS/BASINS.
14. TEMPORARY SEDIMENT TRAPS SHALL PROVIDE 134 CUBIC YARDS OF SEDIMENT STORAGE PER DISTURBED ACRE CONTRIBUTING TO THE TRAP/BASIN. PROVIDE TRAP/BASIN VOLUMES FOR ALL DISTURBANCE ON SITE.
15. PERIODICALLY CHECK ACCUMULATED SEDIMENT LEVELS IN SEDIMENT TRAPS/BASINS DURING CONSTRUCTION AND CLEAN ACCUMULATED SILT WHEN NECESSARY OR WHEN ONE FOOT OF SEDIMENT HAS ACCUMULATED. CLEAN ACCUMULATED SEDIMENT FROM CATCH BASIN SUMPS AS NECESSARY. REMOVE ACCUMULATED SEDIMENT FROM BEHIND HAY BALES AND SILT FENCE. EXCAVATED MATERIAL FROM TEMPORARY SEDIMENT TRAPS/BASINS MUST BE STOCKPILED ON UPHILL SIDE OF SILT FENCE.
16. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALL EARTH STOCKPILES SHALL HAVE HAY BALES OR SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDDED IF PILE IS TO REMAIN IN PLACE AND UNDISTURBED FOR MORE THAN 30 DAYS.
17. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDDED, AND THE ROAD SHOULDER AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
18. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE SUCH AS TEMPORARY SEDIMENT TRAPS OR GRASS FILTERS WITHIN THE APPROVED LIMIT OF DISTURBANCE. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE ENGINEER.
19. BLOCK THE OPEN UPSTREAM ENDS OF DETENTION BASIN/SEDIMENT TRAP OUTLET CONTROL ORIFICES UNTIL SITE IS STABILIZED AND BLOCK END OF STORM DRAINS IN EXPOSED TRENCHES WITH BOARDS AND SANDBAGS AT THE END OF EACH WORKING DAY WHEN RAIN IS EXPECTED.
20. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT.

21. COVERED METAL WASTE CONTAINERS SHALL BE PROVIDED AT THE SITE TO FACILITATE THE COLLECTION OF REFUSE MATERIAL GENERATED FROM CONSTRUCTION ACTIVITIES. SUCH MATERIAL SHALL NOT BE BURIED OR BURNED AT THE SITE.
22. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
23. MAINTAIN EXISTING PAVED AREAS FOR CONSTRUCTION STAGING FOR AS LONG AS POSSIBLE. UPON REMOVAL OF ALL PAVEMENT, THE CONTRACTOR SHALL PLACE STONE OVER DISTURBED AREAS TO SERVE AS STAGING AREAS TO THE SATISFACTION OF THE ENGINEER.
24. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVEL WAYS TO KEEP THE TRAVEL WAYS DAMP. CALCIUM CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EXITING THE SITE SHALL BE COVERED.
25. TURF ESTABLISHMENT SHALL BE PERFORMED OVER ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION. IT IS COVERED IN STONE OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
26. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOTS, CLEAN THE STORM DRAINAGE SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM TOWN OF EAST HARTFORD AND/OR ENGINEER.
27. REFER TO SHEET DN-3 FOR SEDIMENT AND EROSION CONTROL DETAILS AND NARRATIVE.

LEGEND

-  HAY BALES AT CATCH BASINS
-  SILT SACK AT CATCH BASINS
-  SILT FENCE
-  ANTI TRACKING PAD
-  CONTRACT LIMIT LINE EQUALS
-  CONSTRUCTION LIMIT LINE
-  STOCKPILE AREA

CONSTRUCTION SEQUENCE

1. CONSTRUCTION STAKEOUT
2. INSTALL SEDIMENT AND EROSION CONTROLS (ANTI-TRACKING PAD, SILT FENCE, SILT SACKS, ETC.)
3. DEMO SITE
4. GRADE SITE
5. INSTALL NEW UTILITIES AND REPAIR EXISTING UTILITIES
6. CONSTRUCT PAVED AREAS
7. SEEDING AND PLANTING
8. INSPECT DRAINAGE SYSTEM AND CLEAN AS NEEDED
9. REMOVE SEDIMENT AND EROSION CONTROLS AFTER SITE HAS BEEN STABILIZED

RESPONSIBLE PARTY: DAVE BILLARD TEL: 860-565-4242

THE EAST HARTFORD PLANNING AND ZONING COMMISSION CERTIFIES THAT THE SOIL-EROSION AND SEDIMENT-CONTROL PLAN COMPLIES WITH THE REQUIREMENTS THE TOWN OF EAST HARTFORD REGULATIONS AND THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL DATED 1985, AS AMENDED. THE APPLICANT UNDER THIS PLAN IS RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE PLAN. THE TOWN OF EAST HARTFORD SHALL NOT BE HELD LIABLE FOR IMPROPER INSTALLATION, LACK OF MAINTENANCE, OR OTHER NEGLIGENCE ON BEHALF OF THE APPLICANT.

APPROVAL DATE _____
CHAIRMAN _____

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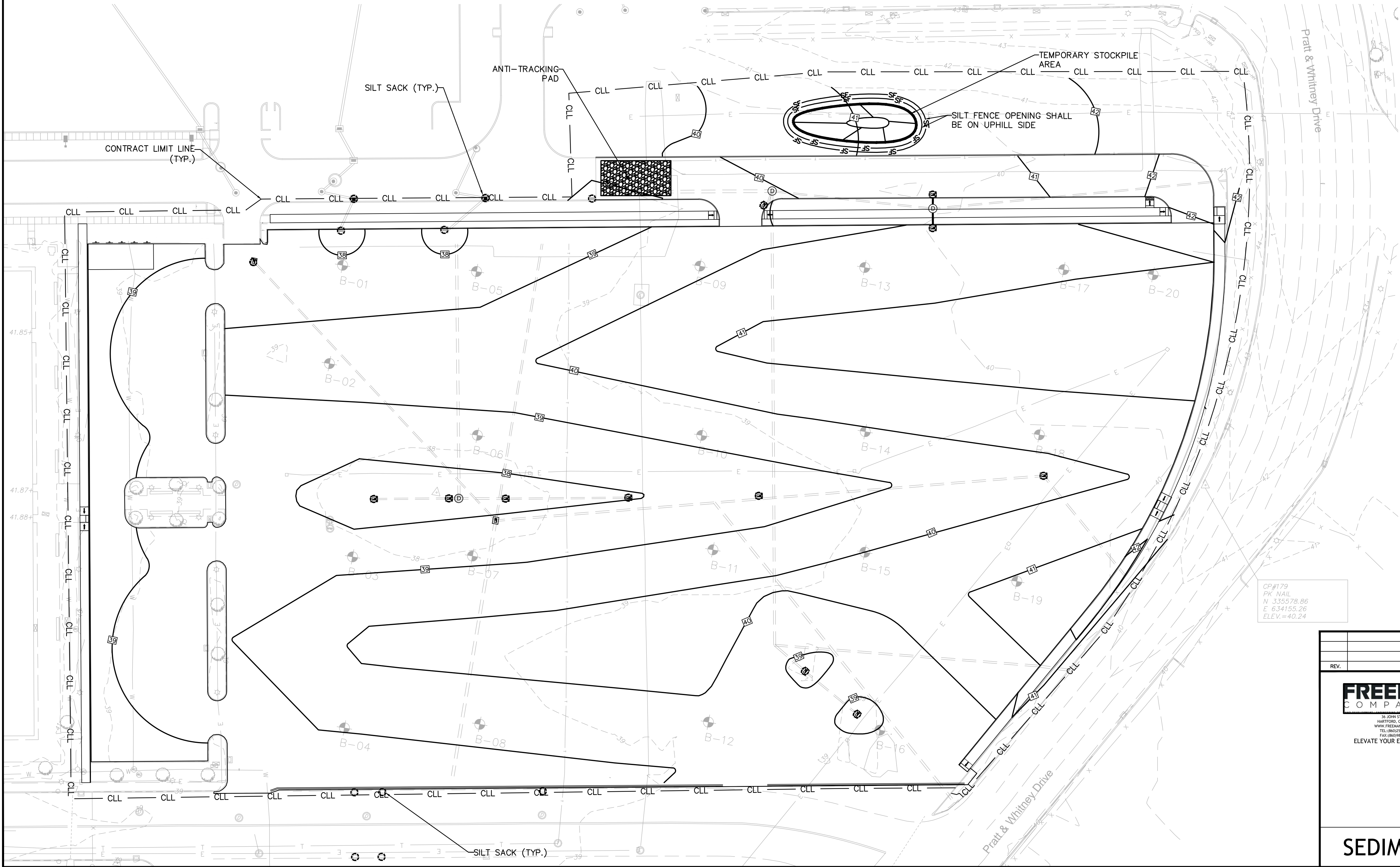
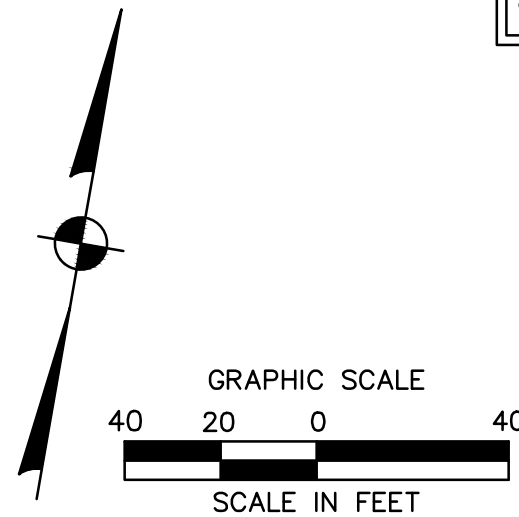
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TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____
CHAIRMAN _____



P&W, EAST HARTFORD, CT
REPAVEMENT OF
OBB-2 PARKING LOT



FACILITIES & SERVICES
EAST HARTFORD, CT 06108, U.S.A.

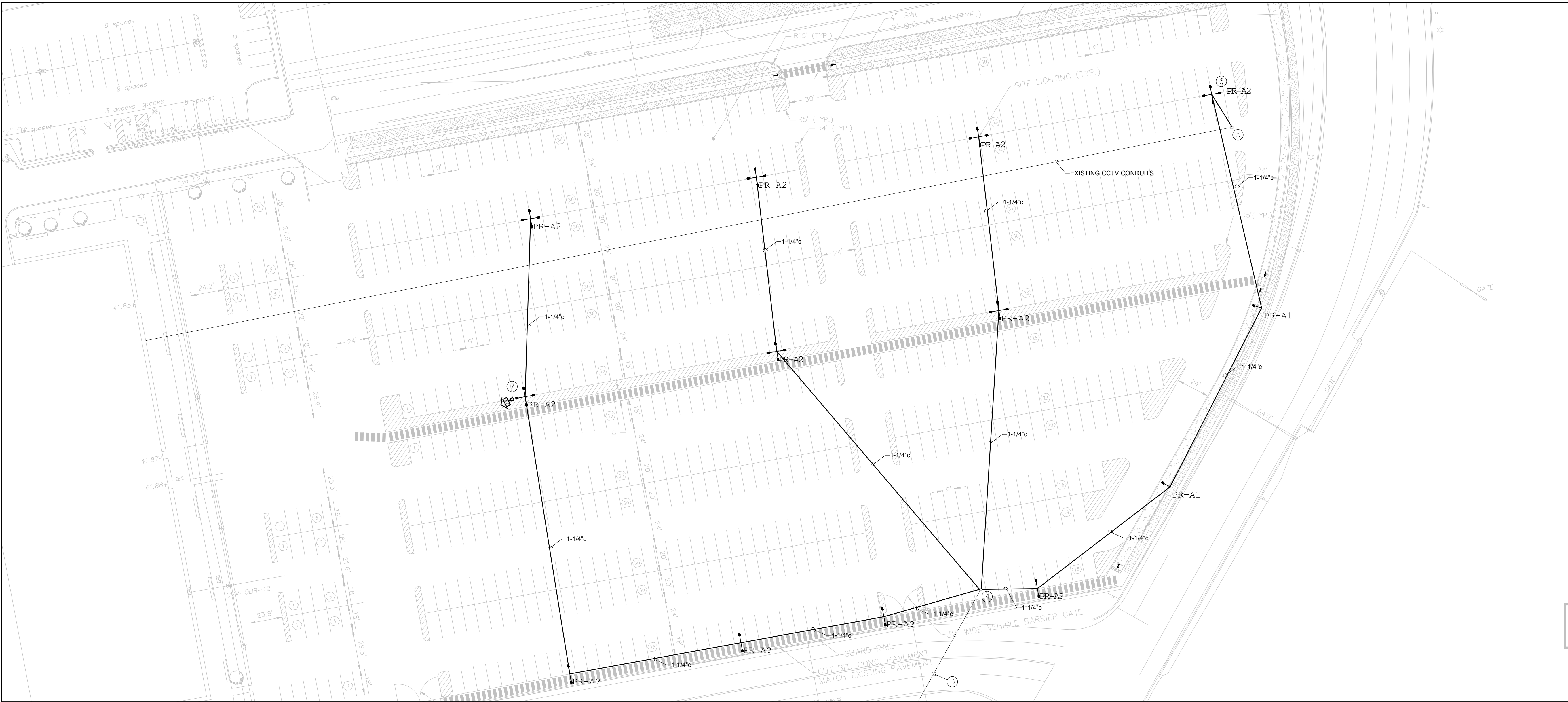
CATEGORY: CIVIL
SUB-CATEGORY: PARKING LOT LAYOUT

SCALE: 1"=40'

DATE	DRAWN BY	APPR. BY
	BUILDING / SITE	
	OBB-2 PARKING LOT	
SAP FUNCTIONAL LOCATION		
PLANT LAYOUT DWG NO. / ALT. FUNCTIONAL LOCATION		
DRAWN BY:		DATE
M.K.		02/21/2017
CHECKED BY:		DATE
P.A.R.		02/21/2017
APPROVED BY:		DATE
P.A.R.		02/21/2017
SAP ORDER NO.		
DRAWING NO.		
SHEET NO.	DISCIPLINE	NO. OF SHEETS
005	C	008

SEDIMENT AND EROSION CONTROL PLAN

EC-1



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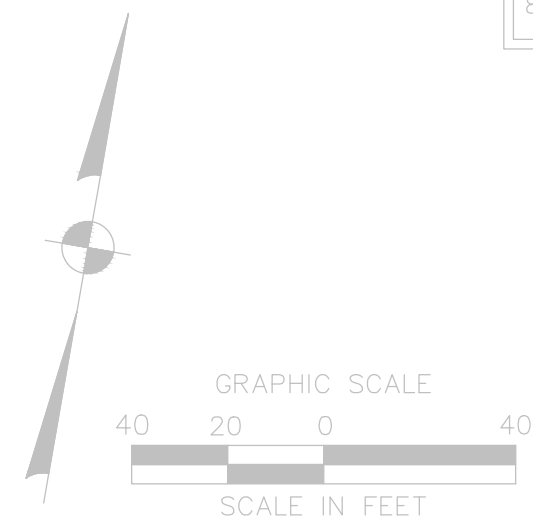
APPROVAL DATE _____
EXPIRATION DATE _____
_____ CHAIRMAN

GENERAL DRAWING NOTES:





A. UNLESS OTHERWISE NOTED ALL WIRING TO SITE POLES IS 480V, 3PH-3W WITH 3#8 & 1#12 GND EACH IN 1-1/4" CONDUIT. CIRCUITS MAY NOT SHARE CONDUITS BUT MAY SHARE YARD BOXES.

DRAWING KEY NOTES:

- 1 REMOVE (4) METAL HALIDE FLOOD LIGHTS ON EXISTING POLE. PROVIDE (4) NEW LED FLOOD LIGHT ON EXISTING POLE WITH CUSTOM POLE FITTERS AS REQUIRED TO MOUNT ON POLE. CONNECT TO EXISTING BRANCH CIRCUITS.
- 2 REMOVE EXISTING POLE AND FIXTURES. CONCRETE BASE TO REMAIN. PROVIDE NEW POLE AND FIXTURES ON EXISTING BASE. PROVIDE CUSTOM BASE PLATE ON POLE TO MATCH EXISTING BASE BOLT PATTERN. CONNECT NEW FIXTURES TO EXISTING BRANCH CIRCUIT.
- 3 EXISTING CONDUIT AND PARKING LOT FEEDERS TO REMAIN.
- 4 INTERRUPT EXISTING FEEDER CONDUIT AND INSTALL POLYMER CONCRETE YARD BOX WITH EXTRA HEAVY DUTY COVER MARKED TO INDICATE TYPE OF SYSTEM SERVICED. COORDINATE MOUNTING DEPTH IN FIELD WITH VARIOUS INSTALLED CONDITIONS. QUAZITE TYPE PD 24"x36"x24" WITH TYPE HH COVER. LOOP EXISTING FEEDERS INTO YARD BOX TO BE SPLICED ONTO NEW WIRING.
- 5 INTERRUPT EXISTING POLE MOUNTED CCTV CAMERA CONDUITS AND INSTALL POLYMER CONCRETE YARD BOX WITH EXTRA HEAVY DUTY COVER MARKED TO INDICATE TYPE OF SYSTEM SERVICED. COORDINATE MOUNTING DEPTH IN FIELD WITH VARIOUS INSTALLED CONDITIONS. QUAZITE TYPE PD 24"x36"x24" WITH TYPE HH COVER. LOOP EXISTING FEEDERS INTO YARD BOX TO BE SPLICED ONTO NEW WIRING, EXTEND WIRING AND (2) 1-1/4" CONDUITS TO NEW POLE.
- 6 POLE LOCATION WITH POLE MOUNTED CCTV CAMERA. PROVIDE PRECAST CONCRETE BASE WITH (4) 1-1/4" CONDUIT STUBS, INSTALL 1500W, 480/120 V SINGLE PHASE NEMA-3R TRANSFORMER IN BASE FOR 120V POWER TO CAMERA HOUSING. FEED TRANSFORMER PRIMARY FROM EXISTING 480V CAMERA CIRCUIT.
- 7 PROVIDE ADDITIONAL LED FLOOD LIGHT ON THIS POLE TO ILLUMINATE FLAG POLES.



REV.		DESCRIPTION OF REVISION		DATE	DRAWN BY	APPR. BY
FREEMAN COMPANIES 31 JOHN STREET, HARTFORD, CT 06105 WWW.FREEMAN.CO.COM ELEVATE YOUR EXPECTATIONS		P&W, EAST HARTFORD, CT REPAVEMENT OF OBB-2 PARKING LOT		PLANT NO.	BUILDING / SITE	DATE
PROGRESSIVE ENGINEERING, INC. 200 BLANDFORD AVENUE, EAST HARTFORD, CT 06108 TEL: 860.899.8385 FAX: 860.899.8386		ELECTRICAL SUB-CATEGORY		BRASS TAG NO.		DATE
EBD ENGINEERING Efficient By Design		DETAILS		SCALE		DATE
				SAP ORDER NO.		DATE
				DRAWING NO.		DATE
				SHEET NO.		DISCIPLINE NO. OF SHEETS
				SE-1		
				SITE LIGHTING ELECTRICAL PLAN - NORTH		

REV.	DESCRIPTION OF REVISION	DATE	DRAWN BY	APPR. BY						
 <p>FREEMAN COMPANIES <small>LANDSCAPE ARCHITECTS • ARCHITECTS • DESIGN • CONSTRUCTION MANAGEMENT</small> 16 JOHN STREET, HARTFORD, CT 06103 WWW.FREEMAN.CO.COM TEL: (860) 493-1900 FAX: (860) 493-1910 ELEVATE YOUR EXPECTATIONS</p>		<p>P&W, EAST HARTFORD, CT REPAVEMENT OF OBB-2 PARKING LOT</p>								
 <p>PROGRESSIVE ENGINEERING, INC. 290 BURNING AVENUE, EAST HARTFORD, CT 06108 TEL: (860) 493-1818 FAX: (860) 493-1266</p>		<p>PLANT NO. BUILDING / SITE OBB-2 PARKING LOT</p> <p>SAP FUNCTIONAL LOCATION</p> <p>PLANT LAYOUT DWG NO. / ALT. FUNCTIONAL LOCATION</p> <p>DRAWN BY: DATE BBO 02/16/2017</p> <p>CHECKED BY: DATE BBO 02/16/2017</p> <p>APPROVED BY: DATE BBO 02/16/2017</p> <p>SAP ORDER NO.</p>								
 <p>EBD ENGINEERING Efficient By Design</p>		<p> Pratt & Whitney A United Technologies Company</p> <p>FACILITIES & SERVICES EAST HARTFORD, CT 06108, U.S.A.</p>								
		<table border="1"> <tr> <td>CATEGORY ELECTRICAL</td> <td>BRASS TAG NO.</td> </tr> <tr> <td>SUB-CATEGORY DETAILS</td> <td></td> </tr> <tr> <td>SCALE</td> <td></td> </tr> </table>			CATEGORY ELECTRICAL	BRASS TAG NO.	SUB-CATEGORY DETAILS		SCALE	
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SUB-CATEGORY DETAILS										
SCALE										
		<p>DRAWING NO. SE-3</p> <table border="1"> <tr> <td>SHEET NO.</td> <td>DISCIPLINE</td> <td>NO. OF SHEETS</td> </tr> </table>			SHEET NO.	DISCIPLINE	NO. OF SHEETS			
SHEET NO.	DISCIPLINE	NO. OF SHEETS								
<p>SITE LIGHTING POWER RISER AND CONTROLS</p>										

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Job Title: FRANK & WHITNEY DI PARKING LOT
PHASE: IC-1 THROUGH 4

Catalog Number:
VTS-B05-LED-480-T4-BK-IM

Type: **S5-2**

Notes:

CTC12-114-400-3

VTS VENTUS LED

ORDERING INFORMATION

Sample Number: VTS-B05-LED-41-T9-DM

Product Family " "				Finish				Accessories **			
VTS-Ventus				AP-Black				VTS-B05-XX Single Lens Adapter for 2.0W D.O. Tenses			
Lamp Type				T3-Type II				VTS-B05-XX-10 (10) Degree Tenses Adapter for 2.0W D.O. Tenses			
LED Configuration Light Emitting Diodes				T4-Type II				VTS-B05-XX-20 (20) Degree Tenses Adapter for 2.0W D.O. Tenses			
Number of " "				T5-Type II				VTS-B05-XX-30 (30) Degree Tenses Adapter for 2.0W D.O. Tenses			
LightBalls				T6-Type II				VTS-B05-XX-40 (40) Degree Tenses Adapter for 2.0W D.O. Tenses			
Voltage				T7-Type II				VTS-B05-XX-50 (50) Degree Tenses Adapter for 2.0W D.O. Tenses			
Power				T8-Type II				VTS-B05-XX-60 (60) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Angle				T9-Type II				VTS-B05-XX-70 (70) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T10-Type II				VTS-B05-XX-80 (80) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T11-Type II				VTS-B05-XX-90 (90) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T12-Type II				VTS-B05-XX-100 (100) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T13-Type II				VTS-B05-XX-110 (110) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T14-Type II				VTS-B05-XX-120 (120) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T15-Type II				VTS-B05-XX-130 (130) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T16-Type II				VTS-B05-XX-140 (140) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T17-Type II				VTS-B05-XX-150 (150) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T18-Type II				VTS-B05-XX-160 (160) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T19-Type II				VTS-B05-XX-170 (170) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T20-Type II				VTS-B05-XX-180 (180) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T21-Type II				VTS-B05-XX-190 (190) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T22-Type II				VTS-B05-XX-200 (200) Degree Tenses Adapter for 2.0W D.O. Tenses			
Beam Spread				T23-Type II				VTS-B05-XX-210 (

Submitted by Reflex Lighting Group of Connecticut

Job Name:
POINT & WHITNEY OFF PARKING LOT
PHASE I-C1 THROUGH 4

Catalog Number:
VTS-B05-LED-480-T4-BK-IM

Notes:

Type:

S-5-4

CCT14-042803

VTS VENTUS LED

POWER AND LUMENS BY BAR COUNT

Number of Lumens (Watts)	Power (Watts)	Current @ 120V (A)	Current @ 277V (A)	T2	DISTRIBUTION										RW (SL)	RW (SL)
					T4	SL2	SL3	SL4	SMQ	SWQ	QWQ	SLW	SLW	SLW		
7 LED LUMINAIRE																
C02	54	0.48	0.21	3.609	3.654	3.591	3.502	3.610	3.955	3.832	3.738	3.683	3.433	3.433		
C03	77	0.65	0.29	5.054	5.332	5.432	5.475	5.465	5.847	5.802	5.660	5.546	5.198	5.198		
C04	101	0.84	0.37	6.827	7.028	7.141	7.191	7.426	7.841	7.884	7.591	7.464	7.072	7.072		
C05	121	1.11	0.50	9.228	9.510	9.611	9.700	9.950	9.992	9.940	9.644	9.514	8.438	8.438		
C06	154	1.30	0.58	11.209	11.167	10.982	10.847	11.020	11.729	11.770	11.452	11.162	10.480	10.480		
C07	176	1.51	0.66	12.688	12.579	12.176	12.086	12.301	13.420	13.444	13.218	12.948	12.137	12.137		
C08	202	1.72	0.74	14.681	14.428	14.187	14.073	14.240	15.217	15.127	14.793	14.462	13.622	13.622		
C09	232	1.97	0.87	16.901	16.727	16.408	16.291	16.431	17.084	17.000	17.111	16.770	15.723	15.723		
C10	260	2.16	0.96	19.378	19.097	18.758	18.703	18.847	19.800	19.814	19.906	19.700	18.524	18.524		
C11	279	2.37	1.03	20.546	20.428	20.261	20.184	20.178	21.422	21.422	20.988	20.475	19.191	19.191		
C12	303	2.58	1.11	22.169	22.105	21.851	21.765	21.794	23.232	23.266	22.558	22.075	20.600	20.600		

21 LED LUMINAIRE																
B02	51	0.43	0.20	4.312	4.405	4.401	4.399	4.440	4.441	4.734	4.598	4.450	4.223	4.223		
B03	73	0.62	0.28	5.602	5.895	6.003	6.013	6.219	6.179	6.327	6.042	5.823	5.394	5.394		
B04	93	0.81	0.36	7.250	7.259	7.259	7.259	7.405	7.346	7.367	7.170	6.872	6.311	6.311		
B05	124	1.06	0.46	9.360	9.167	9.132	9.132	9.384	9.166	9.187	8.867	8.577	7.793	7.793		
B06	149	1.24	0.56	11.378	11.378	11.506	11.542	11.566	11.488	11.403	11.009	10.787	9.903	9.903		
B07	168	1.43	0.63	13.561	13.581	13.528	13.548	13.568	13.367	13.624	12.658	11.927	10.820	10.820		
B08	190	1.63	0.70	15.911	15.744	15.605	15.595	15.624	15.244	15.667	14.511	13.744	12.460	12.460	</	

Submitted by Reflex Lighting Group of Connecticut

Job Name:

PRATT & WHITNEY ON PARKING LOT
PHASE 1C-1 THROUGH 4

Catalog Number:

21-665XTWINP*

Type:

S5-4

Notes:

CTC114-42093

Pole Cap With Stainless Stl. Screws

6'-0"

8"

2" NPS Slipfitter

2"

Tapered Alum. Tube (4" O.D.) .125" Wall Alloy 6063-T6

2 1/2" x 5 1/8" Elliptical Section

Wire Hole With 1" I.D. Rubber Grommet

Extruded Alum. Pole Plate Alloy 6063-T6 With 1/2"-1.3NC Stainless Stl. Hardware

29'-1" Mounting Height (Above 1"-Rise)

3'-0" Rise

6'-0"

6" O.D.

Internal Damper (Factory Installed)

Tapered Alum. Tube .156" Wall Alloy 6063-T6 Black Powder Coat Finish

12" Dia. Bolt Circle

3 1/2"

6" Thread

4"

3'-0"

(4) 1"-BNC Galv. Stl. Anchor Bolts, ASTM A314-30 Grade 35, 10" Gr Threaded End Galv. Per ASTM A453

(4) 1"-BNC Galv. Stl. Hex. Nuts

(4) 1" Galv. Stl. Lockwashers

Galv. Stl. Connecting Hardware

(4) 1"-BNC + 3 3/4" Long Hex. Hd. Bolts

(4) 1"-BNC Hex. Hd. Nuts

(4) 1" Lockwashers

(4) 1" Flatwashers

Handle Hole Frame Tapped 3/8"-16NC For Grounding

Reinforced Handle Hole (4" x 6") With Cover And Stainless Stl. Hex. Hd. Screws

Base Flange Alloy 356-T6 With Bolt Covers And Stainless Stl. Hex. Hd. Screws

Transformer Base (70501) Alloy 356-T6 With Door, Stainless Steel Hex. Hd. Screw And Eight Galv. Steel Heavy Washers

13 1/16" Square

Grounding Provision: 1/2"-1.3NC Tapped Hole

10" O.D.

1'-6"

1'-5"

WARNING: DO NOT INSTALL LIGHTING POLES WITHOUT LUMINAIRES

29'-1" LIGHTING POLE

hapco

CUSTOMER

SCALE: NTS

DATE: 4/2/14

BY: RBA

DATE

APPROVED

Abingdon, Va.

SKRA040214B

Submitted by Reflex Lighting Group of Connecticut Job Name: PRATT & WHITNEY D1 PARKING LOT PHASE 1C-1 THROUGH 4	Catalog Number: MAST ARM ONLY Notes:	Type: <div style="background-color: black; color: white; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">S3-2</div> CTCT14-42803
---	--	--

Side View: Shows a mast arm with a total length of 6'-0". The arm is composed of a tapered section and a blank section. The tapered section has a length of 4'-11 3/4" and a taper of 3'-11 3/4" tapered. The blank section has a length of 2 1/2" x 5 1/8" section. The arm is supported by a pole with a 6" O.D. shaft top. The arm has a 13 1/4" arc and a 6" radius. The arm is made of Tapered Alum. Tube (4" O.D.) .125" Wall Alloy 6063-T6. The blank length is 6'-9". The arm has a 3'-0" rise. The arm is supported by a pole with a 6" O.D. shaft top. The arm has a 13 1/4" arc and a 6" radius. The arm is made of Tapered Alum. Tube (4" O.D.) .125" Wall Alloy 6063-T6. The blank length is 6'-9". The arm has a 3'-0" rise.

Top View: Shows the 6" O.D. shaft top. The arm has a 69° angle. The arm has a 7 1/4" x 5" dimension. The arm has a 1 1/4" dimension. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole.

Front View: Shows the extruded alum. pole plate alloy 6063-T6 (75886). The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole.

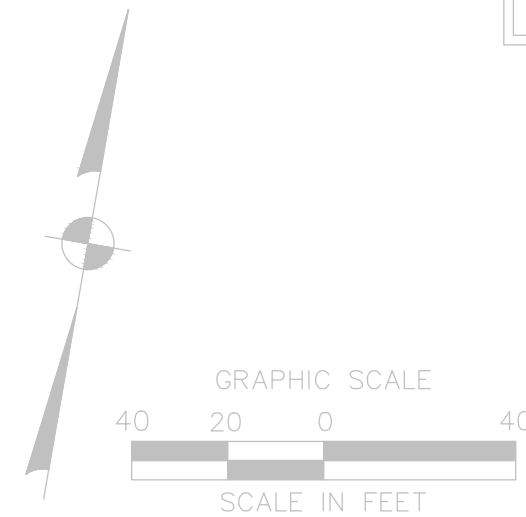
View A-A: Shows the cross-section of the arm. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole. The arm has a 1 9/16" Dia. Holes. The arm has a 1 9/16" Dia. Wire Hole.

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FOR PERMITTING PURPOSES ONLY
NOT RELEASED FOR CONSTRUCTION

APPROVAL DATE _____

EXPIRATION DATE _____




REV.		DESCRIPTION OF REVISION		DATE		DRAWN BY		APPR. BY	
				PLANT NO.		BUILDING / SITE			
				SAP FUNCTIONAL LOCATION		OBB-2 PARKING LOT			
				PLANT LAYOUT DWG. NO. / ALT.		FUNCTIONAL LOCATION			
				DRAWN BY:		BBO		DATE 02/16/2017	
				CHECKED BY:		BBO		DATE 02/16/2017	
				APPROVED BY:		BBO		DATE 02/16/2017	
				SAP ORDER NO.					
				DRAWING NO.		SE-4			
				SHEET NO.		DISCIPLINE		NO. OF SHEETS	




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ELEVATE YOUR EXPECTATIONS



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Efficient By Design



Pratt & Whitney
A United Technologies Company

FACILITIES & SERVICES
EAST HARTFORD, CT 06108, U.S.A.

P&W, EAST HARTFORD, CT
REPAVEMENT OF
OBB-2 PARKING LOT

CATEGORY

SUB-CATEGORY

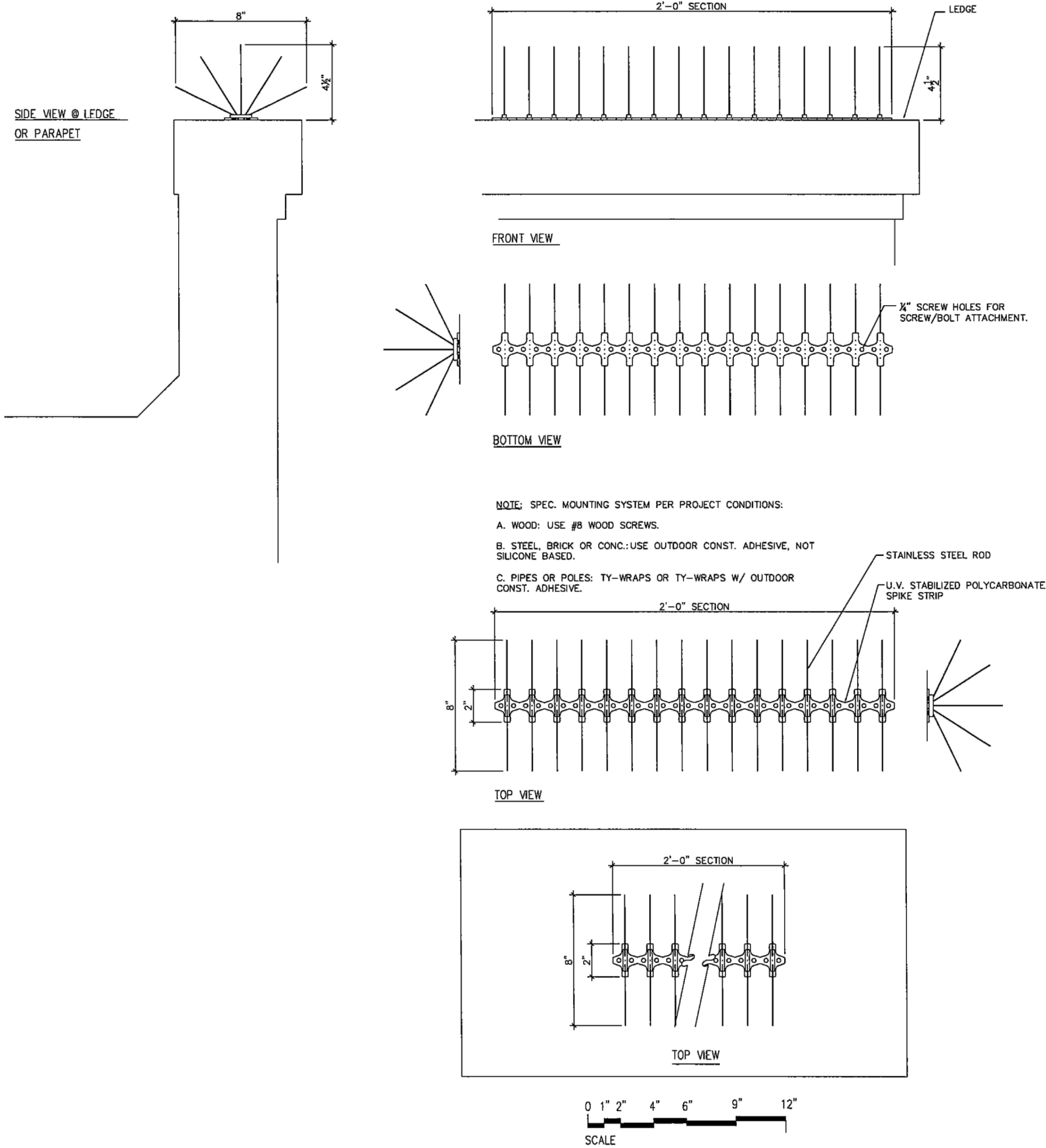
BRASS TAG NO.

DETAILS

SCALE

SITE LIGHTING ELECTRICAL DETAILS

BIRD-B-GONE, INC.
BIRD SPIKE 2001-B
23918 SKYLINE
MISSION VIEJO, CA 92692
TEL: 800-392-6915 OR 949-472-3122
FAX: 949-472-3116



SPECIFICATIONS – BIRD-B-GONE STAINLESS STEEL BIRD SPIKES™

PART 1 – GENERAL

1.1 SUMMARY

- A. Design Requirements: Select appropriate size as determined by site conditions to prevent birds from landing and roosting on specified surfaces.

1.2 QUALITY ASSURANCE

- A. Single Source Responsibility: Furnish products from one manufacturer for entire project.
B. Country of Origin: Product must be manufactured in the U.S.A.
C. Obtain all technical information from the manufacturer.
D. Utilize Bird-B-Gone Authorized Installers who are certified in Bird-B-Gone, Inc. product installations. Proof of Certification required.
E. Installer shall visit the site to gather all information on existing site conditions.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's descriptive literature and product specifications for each product including catalogs, installation instructions and other descriptive material.
B. Provide Warranty on material and installation.
C. Provide samples of each type of spike excluding proposed fastening methods.
D. Provide statement by official indicating that they are a certified installation company.

1.4 PRODUCT HANDLING

- A. Protect Bird-B-Gone, Inc. products from damage before, during and after the installation.

1.5 PROJECT CONDITIONS

- A. Coordination: Furnish samples of system(s) so installation can be coordinated with existing conditions and within on-site conditions.
B. Visit site and field-measure prior to fabrication and delivery of materials.

1.6 WARRANTY

- A. Product shall carry a minimum 10 year guarantee against U.V. breakdown and stainless steel degradation.
B. Installation shall be guaranteed for 2 years.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

Manufacturer:
Bird-B-Gone, Inc.
Bird Spike 2001 Stainless Steel
23918 Skyline
Mission Viejo, CA 92692
Tel: 800-392-6915 or 949-472-3122
Fax: 949-472-3116
P.O.C.: Bruce Donoho

2.2 PRODUCT DESCRIPTION

- A. Model Designation:
1. Bird-B-Gone Stainless Steel Bird Spikes™ - 1", 3", 5" or 8"
a. Width of Coverage:
i. BBG2001/1: 1" - 2" widths
ii. BBG2001/3: 2" - 4" widths
iii. BBG2001/5: 5" - 7" widths
iv. BBG2001/8: 8" - 10" widths
b. Minimum 40 spikes per foot in linear array with "no gap" center spike and non-staggered design.
c. Height: 4-3/4"
d. Base Strip: Flexible. Base can bend up to 360°
e. Length: 2 ft. sections
f. Patented "Bend & Crush" technique anchors steel spikes into base unit.
g. Spike thickness must be .05 thousands/1.1 mm diameter.
h. Packaging: 50 ft. per box. Twenty five (25) 2 ft. sections per box.
i. Number of Rows: As determined by the manufacturer and based on project conditions.
j. Mounting System: As determined by the manufacturer and based on project conditions.
B. Product made in the U.S.A.

2.3 MATERIALS

- A. Material: U.V. stabilized polycarbonate. Heat and weather resistant, (+310°F to -200°F) marine grade 316 stainless steel spikes.
B. Construction: Rigid one-piece construction.
C. Adaptation: Tin snips, hacksaw, etc. can be used to cut / adapt the product to desired length.

2.4 MOUNTING SYSTEMS

- A. Wood: Use #8 wood screws. For every 2 ft. section of Bird-B-Gone Stainless Steel Spikes™, ten (10) #8 wood screws are required.
B. Steel, Brick, Stone or Concrete: Use an outdoor construction adhesive that is non-silicone based. Purchase from the manufacturer or call for recommended adhesives. If mounting surface warrants, screw or bolt down Bird-B-Gone Stainless Steel Spikes™ in conjunction with using the adhesive.

- C. Pipes or Poles: Ty-Wraps can be used alone or in conjunction with an outdoor construction adhesive that is non-silicone based. For U.V. protected Ty-Wraps, purchase directly from the manufacturer or call for recommended products.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine the installation area and note any detrimental or hazardous work conditions. Notify contracting officer or inspector of the detrimental work conditions.
B. Do not proceed with installation until conditions are corrected.

3.2 SURFACE PREPARATION

- A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust, peeling paint or other debris.
B. Remove or repair articles that may damage Bird-B-Gone Stainless Steel Spikes™ after installation, including overhanging foliage, brush and loose parts on the structure.

3.3 INSTALLATION

- A. Install Bird-B-Gone Stainless Steel Spikes™ as recommended by the manufacturer.
B. Bird-B-Gone Stainless Steel Spikes™ should be installed correctly, covering the entire depth of the surface, not just the perimeter.
1. Follow the contours and angles closely; cut or break away to fit properly.
2. Space materials in accordance with manufacturer's recommendations.

3.4 INSPECTION

- A. Visually inspect Bird-B-Gone Stainless Steel Spikes™ for any signs of poor installation, including loose screws, fasteners and un-removed debris.
B. Immediately correct and repair as necessary.

END OF SPECIFICATIONS

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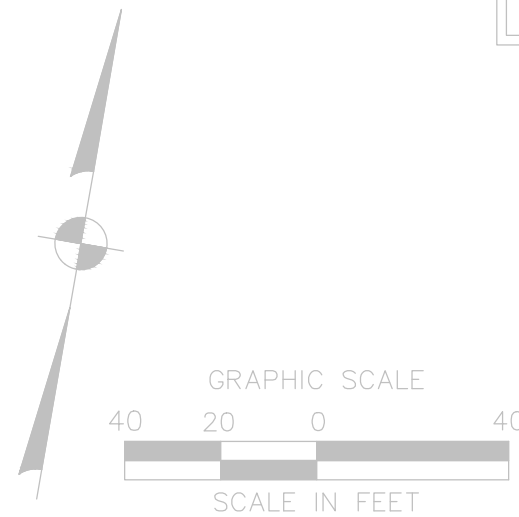
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TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

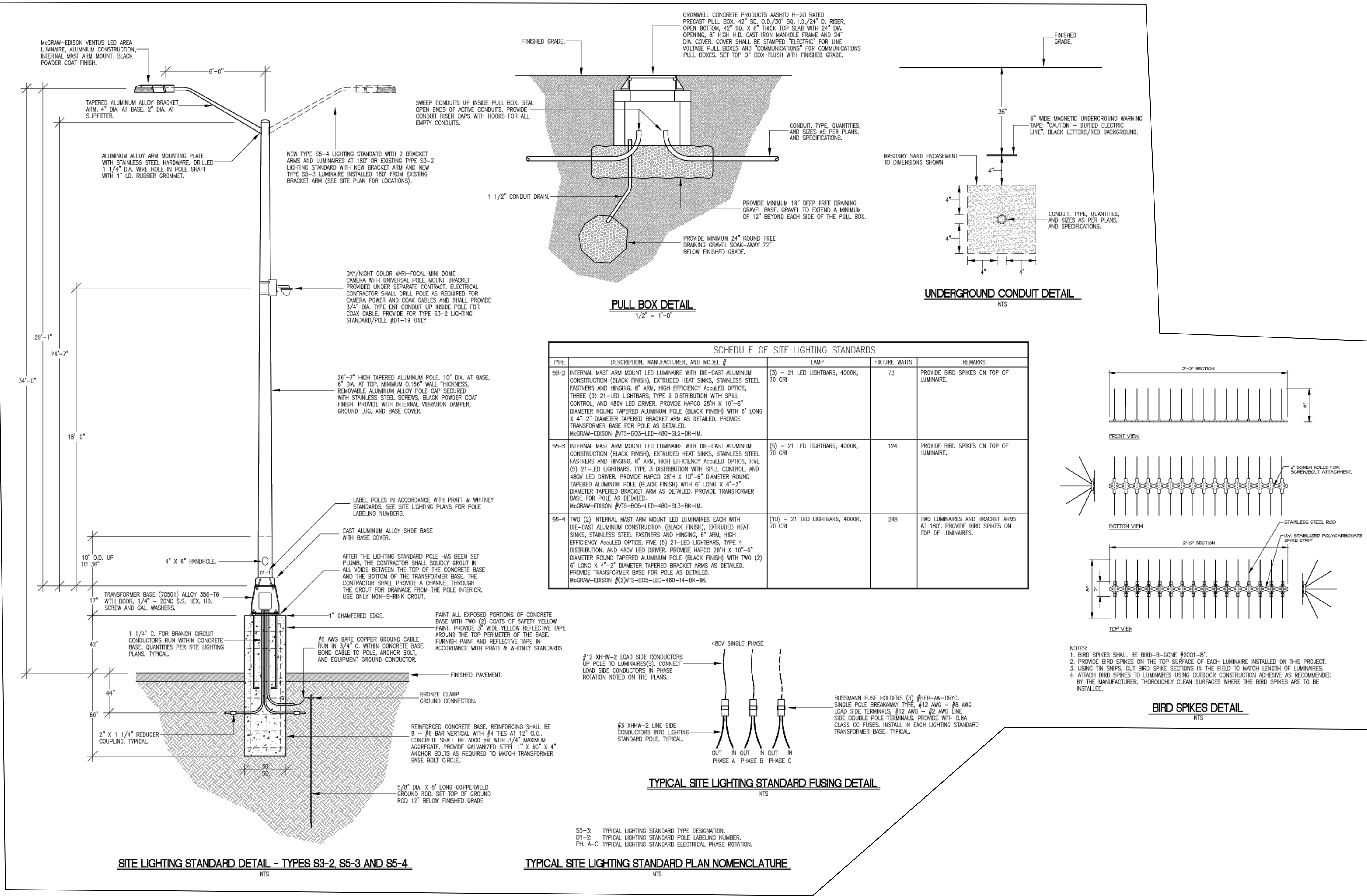
APPROVAL DATE _____

EXPIRATION DATE _____

CHAIRMAN



REV.		DESCRIPTION OF REVISION		DATE	DRAWN BY	APPR. BY
FREEMAN COMPANIES 31 JOHN STREET, HARTFORD, CT 06105 WWW.FREEMANCO.COM ELEVATE YOUR EXPECTATIONS		P&W, EAST HARTFORD, CT REPAVEMENT OF OBB-2 PARKING LOT		PLANT NO.	BUILDING / SITE	
PROGRESSIVE ENGINEERING, INC. 2300 BURNING WOOD AVENUE, EAST HARTFORD, CT 06108 TEL: 860.899.8385 FAX: 860.899.8386		CATEGORIES ELECTRICAL SUB-CATEGORY DETAILS		BRASS TAG NO.	DATE	DATE
EBD ENGINEERING Efficient By Design		SCALE		SAP ORDER NO.	DRAWING NO.	
Pratt & Whitney A United Technologies Company		FACILITIES & SERVICES EAST HARTFORD, CT 06108, U.S.A.		SHEET NO.	DISCIPLINE	NO. OF SHEETS
SITE LIGHTING ELECTRICAL DETAILS						



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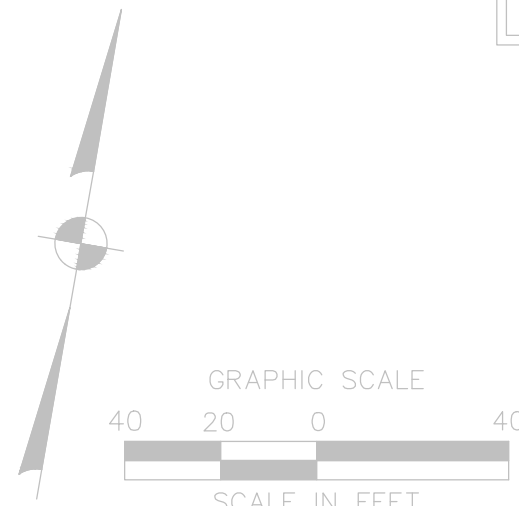
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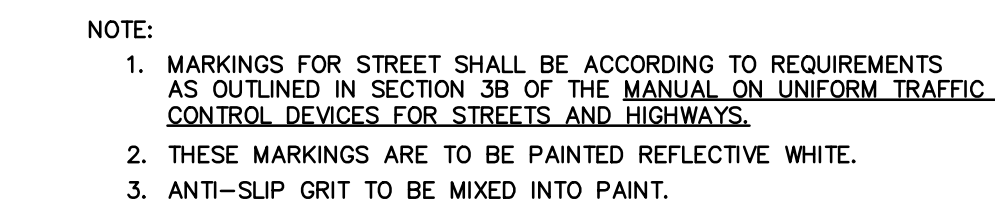
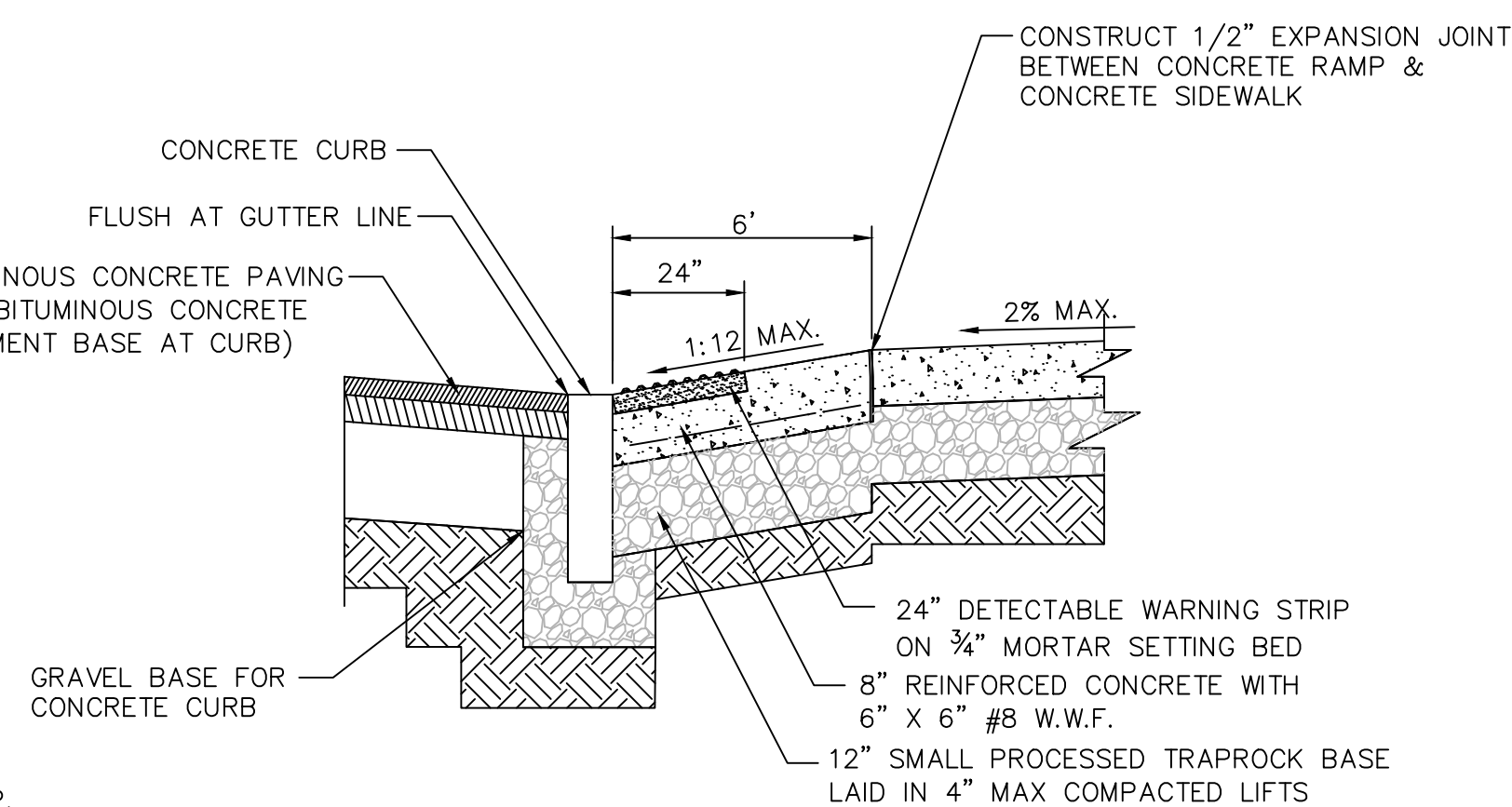
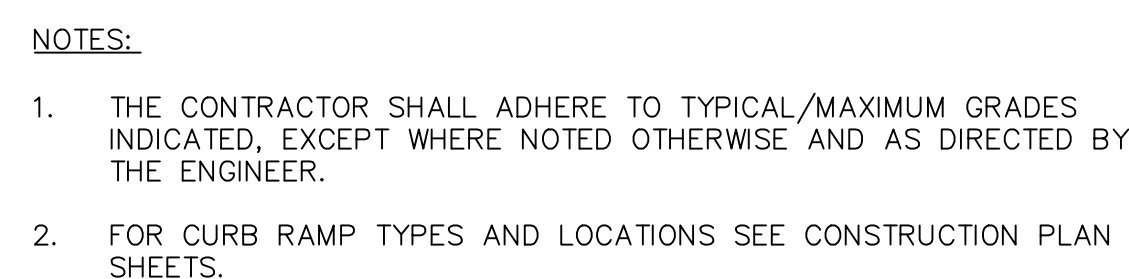
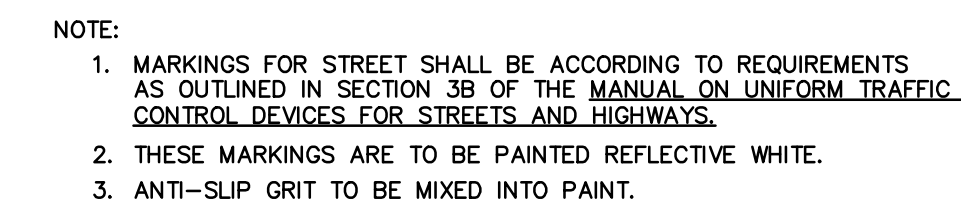
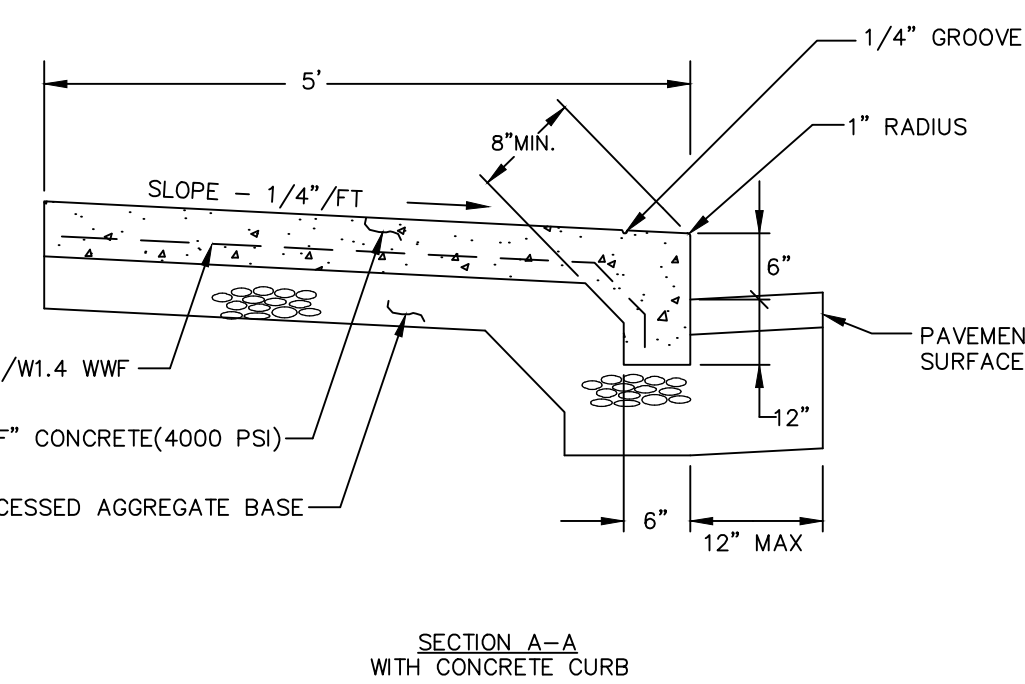
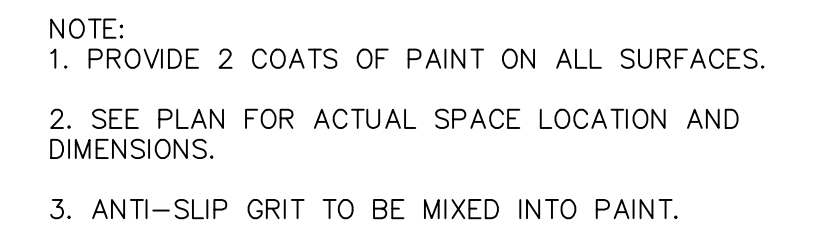
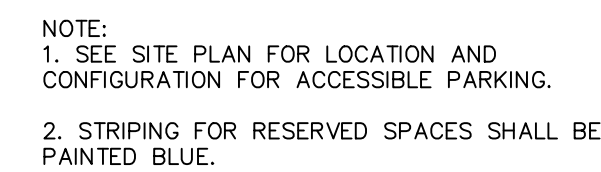
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TOWN OF EAST HARTFORD
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SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____
CHAIRMAN _____



REV.		DESCRIPTION OF REVISION		DATE	DRAWN BY	APPR. BY
1		FREEMAN COMPANIES		DATE	BUILDING / SITE	
2		P&W, EAST HARTFORD, CT		DATE	OB-2 PARKING LOT	
3		REPAVEMENT OF		DATE		
4		OB-2 PARKING LOT		DATE		
5		SAP FUNCTIONAL LOCATION		DATE		
6		PLANT LAYOUT DWG NO. / ALT. FUNCTIONAL LOCATION		DATE		
7		DRAWN BY: BBO		DATE		
8		CHECKED BY: BBO		DATE		
9		APPROVED BY: BBO		DATE		
10		SAP ORDER NO.		DATE		
11		DRAWING NO.		DATE		
12		SHEET NO.		DISCIPLINE	NO. OF SHEETS	
13		SCALE				
14		CATEGORY				
15		SUB-CATEGORY				
16		DETAILS				
17		SCALE				
18		SAP ORDER NO.				
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23		FREEMAN COMPANIES				
24		P&W, EAST HARTFORD, CT				
25		REPAVEMENT OF				
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STREET LINE MONUMENTATION, PROPERTY CORNER PINS, ETC., TO
SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN
8:30 A.M. - 4:30 P.M. AT (860)291-7380.

TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____

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REV.		DESCRIPTION OF REVISION		DATE		DRAWN BY		APPR. BY	
 <p>FREEMAN COMPANIES</p> <p><small>ARCHITECTURE • ENGINEERING • INTERIOR • CONSTRUCTION SERVICES</small></p> <p>30 JOHN STREET HARTFORD, CT 06108 WWW.FREEMANCO.COM TEL: (860) 475-1900 FAX: (860) 475-1700</p> <p>ELEVATE YOUR EXPECTATIONS</p>		<p>P&W, EAST HARTFORD, CT REPAVEMENT OF OBB-2 PARKING LOT</p>		<p>PLANT NO. BUILDING / SITE OBB-2 PARKING LOT</p> <p>SAP FUNCTIONAL LOCATION</p> <p>PLANT LAYOUT DWG NO. / ALT. FUNCTIONAL LOCATION</p> <p>DRAWN BY: M.K. DATE: 02/21/2017</p> <p>CHECKED BY: P.A.R. DATE: 02/21/2017</p> <p>APPROVED BY: P.A.R. DATE: 02/21/2017</p> <p>SAP ORDER NO.</p> <p>DRAWING NO.</p> <p>SHEET NO. 007 DISCIPLINE 6 NO. OF SHEETS 008</p>					
		 <p>Pratt & Whitney A United Technologies Company</p> <p>FACILITIES & SERVICES EAST HARTFORD, CT 06108, U.S.A.</p>		<p>CATEGORY CIVIL BRASS TAG NO.</p> <p>SUB-CATEGORY PARKING LOT LAYOUT</p> <p>SCALE N.T.S.</p>					
		<p>SITE DETAILS</p>						<p>DN-2</p>	

EROSION AND SEDIMENT CONTROL NARRATIVE FOR:
REPAVEMENT OF OBB-2 PARKING LOT
PRATT AND WHITNEY
EAST HARTFORD, CONNECTICUT

I. INTRODUCTION

THE EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED AS PART OF THE CONSTRUCTION PLANS FOR THE REPAVEMENT OF OBB-2 PARKING LOT AT PRATT AND WHITNEY IN EAST HARTFORD, CONNECTICUT. INFORMATION RELATING TO SEDIMENTATION AND EROSION CONTROL IS INCLUDED IN THESE DRAWINGS. ALL SEDIMENTATION AND EROSION CONTROL ACTIVITIES SHALL BE IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR THIS PROJECT.

II. NARRATIVE

A. DESCRIPTION OF DEVELOPMENT

THE DEVELOPMENT SITE ENCOMPASSES APPROXIMATELY 8.13 ACRES LOCATED AT 400 MAIN ST. EAST HARTFORD, CONNECTICUT. THE PROJECT INCLUDES A FULL DEPTH RECONSTRUCTION OF THE OBB-2 PARKING LOT. IT ALSO INCLUDES NEW CATCH BASINS, NEW CATCH BASIN TOPS, NEW LIGHTPOLES, AND NEW STRIPING.

B. CONSTRUCTION AND GRADING SCHEDULE

1. GENERAL

A. THE FOLLOWING SCHEDULE IS TO SERVE AS A GENERAL GUIDE TO THE SEQUENCE OF CONSTRUCTION ACTIVITIES FOR SEDIMENT AND EROSION CONTROL MEASURES. IT IS NOT INTENDED TO TAKE THE PLACE OF THE CONTRACTOR'S RESPONSIBILITY FOR DETAILED SCHEDULING OF ALL CONSTRUCTION ACTIVITIES. HOWEVER, THE SCHEDULE WILL BE INCORPORATED INTO THE CONTRACT DOCUMENTS AND NO SUBSTANTIAL DEVIATION FROM THIS SCHEDULE SHALL OCCUR WITHOUT PRIOR APPROVAL OF THE CONSTRUCTION MANAGER.

B. THE DATES GIVEN BELOW ARE APPROXIMATE TO GIVE AN INDICATION OF OVERALL CONSTRUCTION SEQUENCE.

START CONSTRUCTION	SPRING	2017
PARTIAL GRADING	SPRING	2017
FINAL GRADING	SUMMER	2017
END CONSTRUCTION	SUMMER	2017

THE CONTRACTOR IS REQUIRED TO MEET THE DATES AND DEADLINES ESTABLISHED IN THEIR CONTRACT EXECUTED WITH THE OWNER.

2. CONSTRUCTION SEQUENCE

THERE ARE THREE MAJOR PHASES OF CONSTRUCTION. EACH PHASE WILL INCLUDE THE INSTALLATION OF EROSION AND SEDIMENT (E&S) CONTROLS WHICH WILL NEED TO BE ADJUSTED AS THE PHASE EVOLVES AND AS DIRECTED BY THE ENGINEER. THE E&S CONTROLS WILL NEED TO BE INSPECTED DURING THE START OF EACH PHASE AND ADJUSTED OR REPLACED AS NEEDED. THE FOLLOWING ARE THE PROJECT PHASES:

- DEMOLITION (SITE PREP) PHASE
- MAJOR EARTHWORK AND UTILITY PHASE
- SITE IMPROVEMENTS PHASE

A. CLEARING AND GRUBBING

(1) CLEAR ALL TREES AND APPURTENANCES WITHIN THE PROPOSED PROJECT AREA THAT ARE NOT DESIGNATED TO REMAIN. CONTRACTOR SHALL VERIFY WITH THE ENGINEER REMOVAL OF ALL TREES. DISPOSE OF CLEARED ITEMS AT AN APPROVED OFF-SITE DISPOSAL AREA. (2) CLEAN ALL EXISTING DRAINAGE STRUCTURES THAT ARE CURRENTLY FILLED.

B. EROSION AND SEDIMENT CONTROL

(1) INSTALL HAYBALES, SILT FENCE, AND SILT SACKS AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER.

C. SITE EXCAVATION AND GRADING

(1) STRIP AND STOCK TOPSOIL. INSTALL HAY BALES AND SILT FENCE AROUND STOCKPILE AS REQUIRED. (2) RELOCATE OR INSTALL ADDITIONAL SILT FENCE OR HAY BALES TO FULLY ENCLOSE AND CONTROL ALL WORK AREAS AS DIRECTED BY THE ENGINEER. (3) AS EXCAVATION PROGRESSES, PROVIDE TEMPORARY CHANNELS OR BERMS AS NECESSARY TO DIRECT SITE RUNOFF TO THE PROPOSED OR EXISTING DRAINAGE STRUCTURES AS DIRECTED BY THE ENGINEER. OWNER.

(4) THE CONTRACTOR SHALL STOCKPILE ALL EXCESS EXCAVATED MATERIAL AT LOCATIONS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. HAYBALES SHALL BE PLACED AROUND THE PERIMETER OF ALL STOCKPILES. EXCESS MATERIAL WHICH WILL NOT BE REUSED SHALL BE TAKEN OFFSITE IMMEDIATELY. (5) REPLACE CLOGGED SEDIMENTATION CONTROL BALES AS REQUIRED AND CLEAN SEDIMENT FROM BASINS WHEN ACCUMULATION SEDIMENT EXCEEDS 8" IN DEPTH.

E. ROUGH GRADING AND PAVING

SEDIMENT AND EROSION CONTROLS WITHIN THE PAVED AREAS SHALL BE LEFT IN PLACE UNTIL IMMEDIATELY BEFORE PAVING. MEASURES OUTSIDE OF THE PAVED AREA SHALL REMAIN UNTIL A STABLE VEGETATIVE GROWTH HAS BEEN ESTABLISHED ON ALL SLOPES OR UNTIL DIRECTED BY THE ENGINEER.

F. FINAL ITEMS

CLEAN ALL CATCH BASINS AND STORM MANHOLES OF ALL ACCUMULATED SEDIMENT AS DIRECTED BY THE ENGINEER.

3. CONTINGENCY PLANS FOR FAILED EROSION AND SEDIMENTATION CONTROL MEASURES

FAILED EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE EVALUATED ON A CASE BY CASE BASIS BY THE ENGINEER AND APPROPRIATE MEASURES TAKEN. THESE MEASURES MAY INCLUDE CLEANING AND/OR REPLACEMENT OF DEFECTIVE FACILITIES OR INSTALLATION OF NEW OR SUPPLEMENTAL FACILITIES.

C. DESIGN CRITERIA

THE FOLLOWING DESIGN REFERENCES WERE FOLLOWED FOR THE PREPARATION OF STORM DRAINAGE DESIGN AND EROSION AND SEDIMENT CONTROL PLANS:

- CONNECTICUT DOT DRAINAGE MANUAL
- SCS GUIDELINE FOR SOIL EROSION AND SEDIMENT CONTROL

SEDIMENTATION CONTROL BALES HAVE BEEN DESIGNED IN ACCORDANCE WITH CHAPTER 7, SECTION F OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

D. CONSTRUCTION DETAILS

CONSTRUCTION DETAILS FOR THE PROPOSED PROJECT ARE PRESENTED ON THE DETAIL SHEETS.

E. INSTALLATION PROCEDURES

THE INSTALLATION PROCEDURES FOR STORMWATER MANAGEMENT FACILITIES AND EROSION AND SEDIMENTATION CONTROL MEASURES ARE PRESENTED IN THE PROJECTS TECHNICAL SPECIFICATIONS FOR DRAINAGE, EXCAVATION, FILLING AND GRADING, AND SEDIMENTATION AND EROSION CONTROL. ADDITIONAL INSTALLATION PROCEDURES ARE SHOWN ON THE CONSTRUCTION DETAILS BOTH VISUALLY AND BY USE OF CONSTRUCTION NOTES.

F. OPERATION AND MAINTENANCE

1. DURING CONSTRUCTION

BEST MANAGEMENT PRACTICES, SHALL BE UTILIZED TO CONTROL STORM WATER DISCHARGES AND TO PREVENT EROSION AND SEDIMENTATION AND TO OTHERWISE PREVENT POLLUTION OF WETLANDS OR WATERCOURSES. FOR INFORMATION AND TECHNICAL ASSISTANCE, CONTACT THE CITY ENGINEER. THE PERMITTEE SHALL IMMEDIATELY INFORM THE ENGINEERING DEPARTMENT OF ANY PROBLEMS INVOLVING WETLANDS OR WATERCOURSES WHICH HAVE DEVELOPED IN THE COURSE OF, OR WHICH ARE CAUSED BY, THE AUTHORIZED WORK.

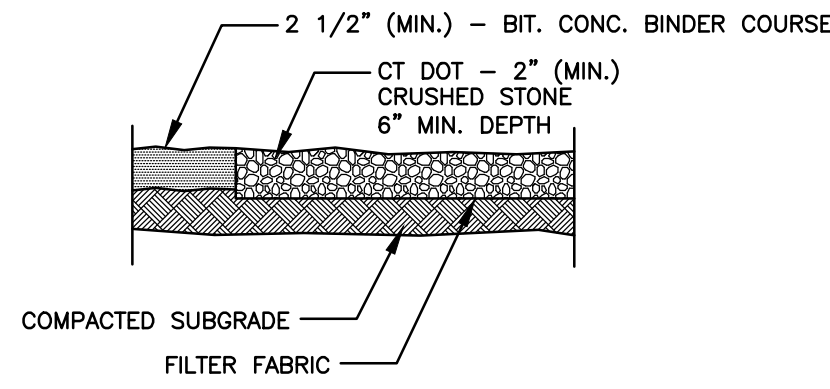
NO EQUIPMENT OR MATERIAL INCLUDING WITHOUT LIMITATION, FILL, CONSTRUCTION MATERIALS, OR DEBRIS, SHALL BE DEPOSITED, PLACED, OR STORED IN ANY WETLAND OR WATERCOURSE ON OR OFF SITE. TIMELY IMPLEMENTATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES ARE REQUIRED. ALL SEDIMENT AND EROSION CONTROL MEASURES MUST BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED.

A PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES ON THE SITE WITH THE CONTRACTOR, AND CITY STAFF.

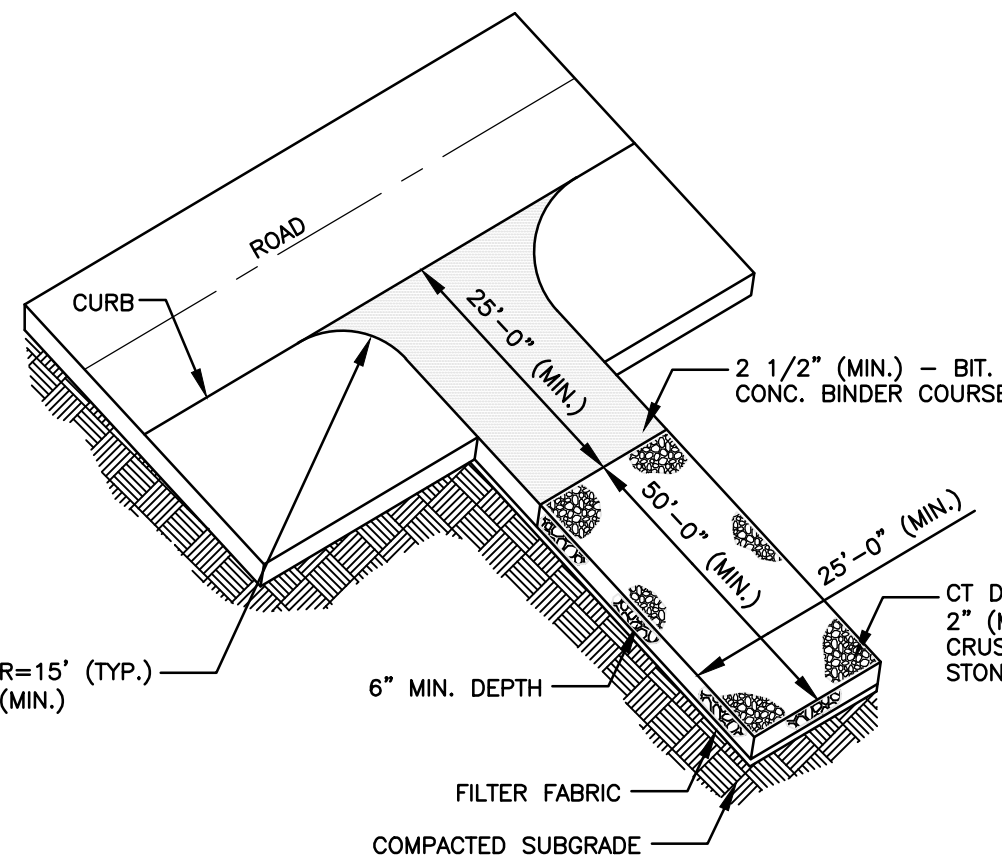
AS CONTAINED IN THE SEDIMENTATION AND EROSION CONTROL SPECIFICATIONS, OPERATIONS AND MAINTENANCE DURING CONSTRUCTION WILL CONSIST OF PERIODIC REPLACEMENT AND/OR CLEANING OF CLOGGED HAY BALES, SILT FENCE AND CONSTRUCTION ENTRANCE AT NO ADDITIONAL COST TO THE OWNER. ANY TEMPORARY SEDIMENTATION BASINS WILL BE CLEANED OF ACCUMULATED SEDIMENT WHEN THE DEPTH OF ACCUMULATED SEDIMENT EXCEEDS 8". ALL DRAINAGE STRUCTURES SHALL BE INSPECTED ON DAILY BASIS AND ANY NECESSARY CORRECTIVE ACTION TAKEN.

G. DESIGNATED ON-SITE AGENT

1. THE PERSON RESPONSIBLE FOR OVERSEEING OF PROPER INSTALLATION AND MAINTENANCE OF ALL SOIL EROSION SEDIMENT CONTROL MEASURES FOR THIS PROJECT SHALL BE THE SITE CONTRACTOR.



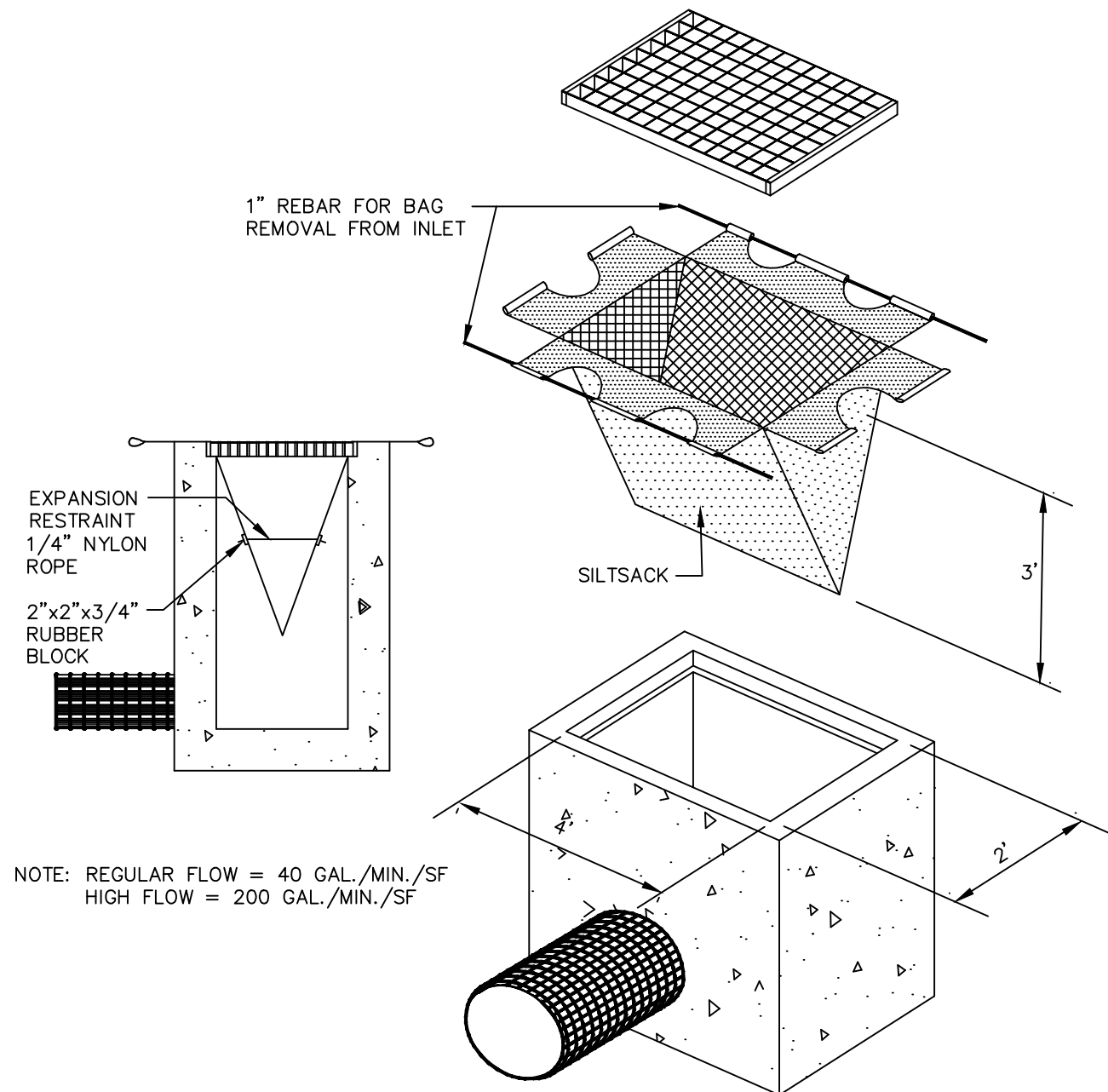
SECTION



PLAN

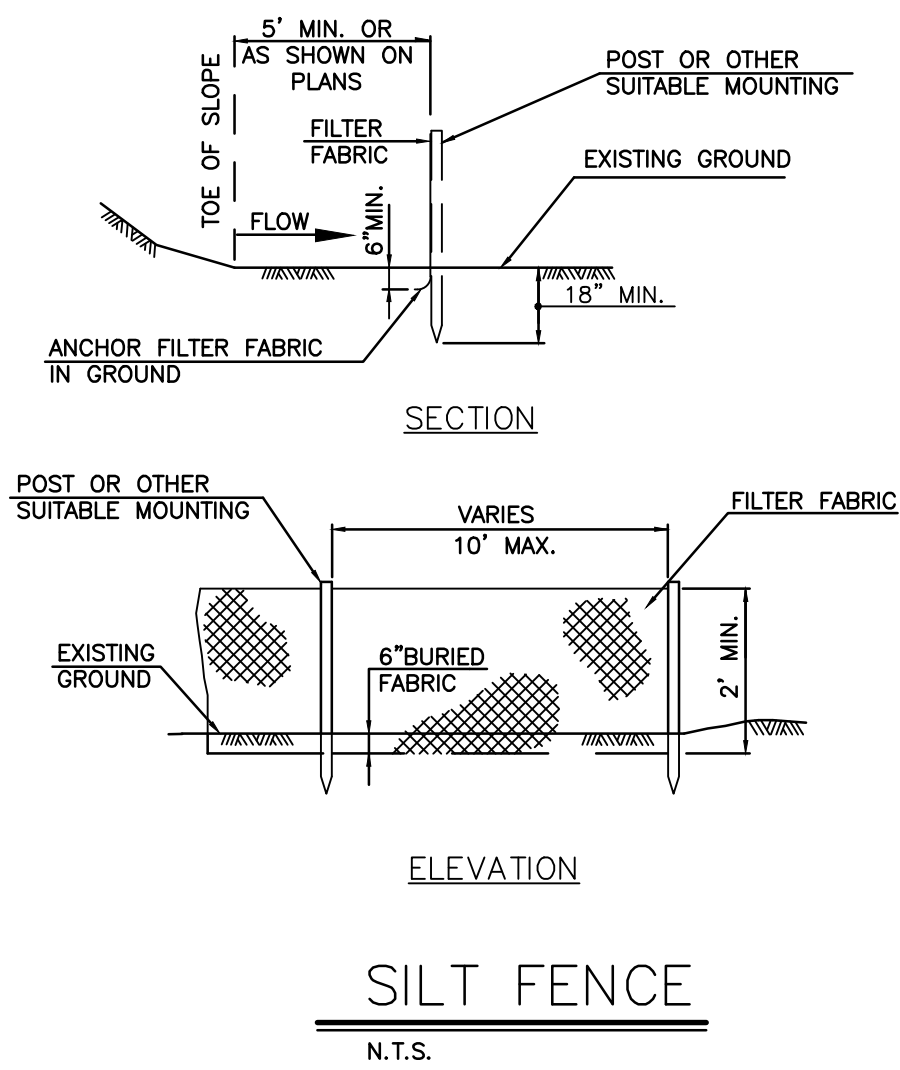
NOTE: LOCATION TO BE DETERMINED IN THE FIELD BY THE CONSTRUCTION MANAGER

1 ANTI-TRACKING PAD N.T.S.



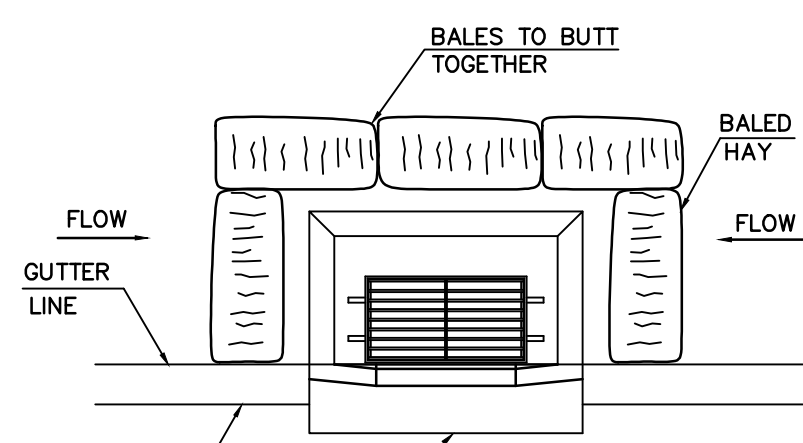
NOTE: REGULAR FLOW = 40 GAL./MIN./SF
HIGH FLOW = 200 GAL./MIN./SF

4 SILT SACK N.T.S.

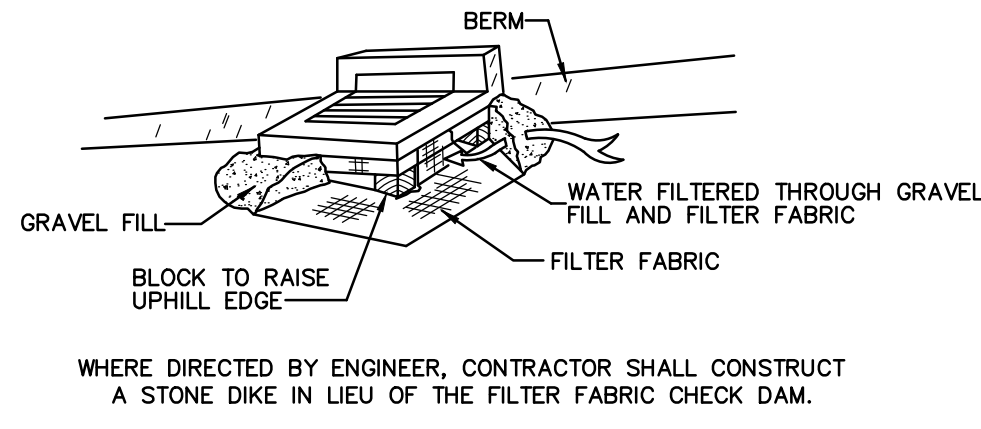


ELEVATION

SILT FENCE N.T.S.



INLET PROTECTION — AFTER PAVING



INLET PROTECTION — BEFORE PAVING

FOR PERMITTING PURPOSES ONLY
NOT RELEASED FOR CONSTRUCTION

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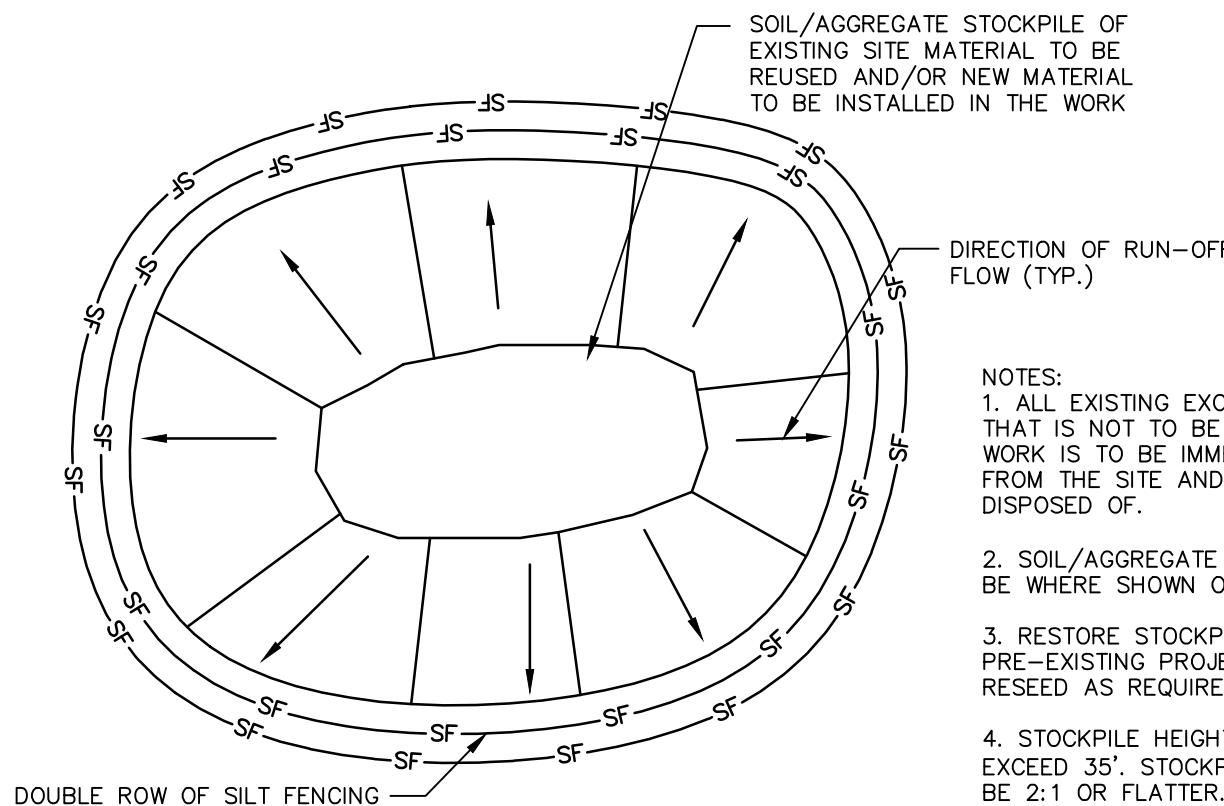
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NOTE:
THE DEVELOPER SHALL NOTIFY THE TOWN OF EAST HARTFORD ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, STREET LINE MONUMENTATION, PROPERTY CORNER PINS, ETC., TO SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN 8:30 A.M. - 4:30 P.M. AT (860)291-7380.

TOWN OF EAST HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____

CHAIRMAN



3 TEMPORARY STOCKPILE AREA N.T.S.

- NOTES:
- ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
 - SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS.
 - RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.
 - STOCKPILE: HEIGHTS MUST NOT EXCEED 35'. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

REV.	DESCRIPTION OF REVISION	DATE	DRAWN BY	APPR. BY
FREEMAN COMPANIES LAND DEVELOPMENT / ENGINEERING DESIGN / CONSTRUCTION SERVICES 30 JOHN STREET HARTFORD, CT 06105 WWW.FREEMANCO.COM TEL (860)251-1550 FAX (860)291-7380 ELEVATE YOUR EXPECTATIONS		P&W, EAST HARTFORD, CT REPAVEMENT OF OBB-2 PARKING LOT		
CIVIL		BRASS TAG NO.		
SUB-CATEGORY PARKING LOT LAYOUT		SAP ORDER NO.		
SCALE N.T.S.		DRAWING NO.		
SHEET NO. 008		DISCIPLINE NO. OF SHEETS 008		
FACILITIES & SERVICES EAST HARTFORD, CT 06108, U.S.A.		DN-3		