CIVIL SYMBOLS

- ASPHALT
- CATCH BASIN
- CWS&R — CHILLED WATER SUPPLY & RETURN
- COMMUNICATION VAULT / HANDHOLE
- COMMUNICATION PULLBOX
- CONCRETE
- (finished) 477 / (existing) 477 — CONTOUR INTERVAL
- DRAIN MANHOLE / CLEANOUT
- D — STORM DRAIN
- EDGE OF VEGETATION
- ELECTRICAL VAULT / HANDHOLE
- ELECTRICAL PULLBOX
- FIRE HYDRANT
- F — FIRE SERVICE
- GAS METER
- G — GAS MAIN
- GATE VALVE
- GUARD RAIL
- LOAM AND SEED
- LOAM, SEED, AND IRRIGATION
- SEWER MANHOLE
- S — SEWER LINE
- SF — SILT FENCE
- 50.00 — SPOT GRADE
- STEEL FENCING
- TREE LINE
- TRANSFORMER
- UGC — UNDERGROUND COMMUNICATIONS LINES
- UGE — UNDERGROUND ELECTRIC
- W — WATER MAIN
- WOOD FENCING
- YD — YARD DRAIN
- WETLAND BOUNDARY

CIVIL ABBREVIATIONS

BM	BENCHMARK
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BND	BOUND
TV	CABLE TELEVISION
CB	CATCH BASIN
CMH	COMMUNICATIONS MANHOLE
CONC.	CONCRETE
C.C.S.	CONCRETE CURB STOP
CMP	CORRUGATED METAL PIPE
CP	CORRUGATED PLASTIC PIPE
D	DIAMETER
DS	DOOR SILL
DH	DRILL HOLE
E	ELECTRIC
EMH	ELECTRIC MANHOLE
ELEV	ELEVATION
EXIST.	EXISTING
FT.	FEET
FF ELEV	FINISH FLOOR ELEVATION
HDPE	HIGH DENSITY POLYETHYLENE PIPE
INV	INVERT
LT.	LEFT
LF	LINEAR FEET
L.P.	LIQUID PETROLEUM
PE	POLYETHYLENE
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RT.	RIGHT
SMH	SEWER MANHOLE
S	SLOPE
STA	STATION
STMH	STEAM MANHOLE
TEL	TELEPHONE
TC	TOP OF CURB
TW	TOP OF WALL
TYP	TYPICAL
U. POLE	UTILITY POLE
WV	WATER VALVE
W/	WITH
VC	VERTICAL CURVE
V.G.C.	VERTICAL GRANITE CURB
WF	WETLAND FLAG

SITE LEGEND

NHESP	NATURAL HABITAT ENDANGERED SPECIES PROTECTION
ZONE II	WELLHEAD PROTECTION AREA

GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY TO ALL RIST-FROST-SHUMWAY ENGINEERING, P.C., DRAWINGS AND TRADES ASSOCIATED WITH THOSE DRAWINGS INVOLVED ON THIS PROJECT:

G-1 RIST-FROST-SHUMWAY ENGINEERING, P.C., WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND/OR THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE GUIDANCE OF RIST-FROST-SHUMWAY ENGINEERING, P.C., WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE DISCOVERED OR ALLEGED.

G-2 ALL WORK SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO: NFPA, BOCA, UL, SMACNA, OSHA, AND NEC.

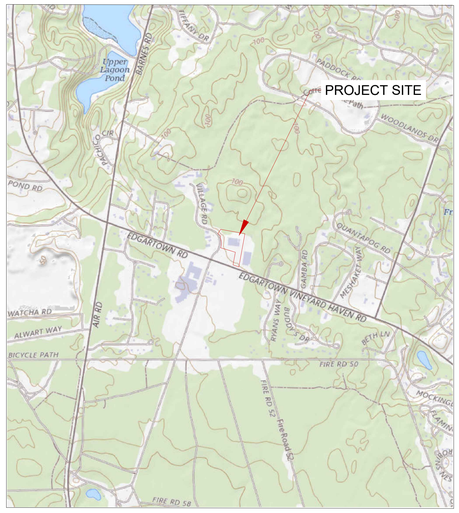
G-3 THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL PROTECT THE WORK SITE, SURROUNDING AREAS AND OCCUPANTS FROM DAMAGE AND INJURY.

G-4 ALL DRAWINGS ARE INTENDED TO SHOW THE GENERAL ARRANGEMENT, DESIGN INTENT AND EXTENT OF THE WORK. THEY SHALL BE CONSIDERED PARTLY DIAGRAMMATIC. THEY ARE NOT INTENDED TO BE SCALED FOR ROUGHING-IN MEASUREMENTS OR TO SERVE AS SHOP DRAWINGS.

G-5 DETAILS SHOWN ON ANY DRAWING ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS, UNLESS OTHERWISE INDICATED.

G-6 INFORMATION ON THESE DRAWINGS PERTAINING TO AS-BUILT CONSTRUCTION AND OTHER EXISTING CONDITIONS HAS BEEN OBTAINED FROM ENGINEERING DRAWINGS OR BY FIELD INVESTIGATION. THIS INFORMATION IS PROVIDED FOR THE CONTRACTORS BENEFIT IN PERFORMANCE OF THE WORK.

G-7 IN THE EVENT THE CONTRACTOR ENCOUNTERS MATERIAL REASONABLY BELIEVED TO BE HAZARDOUS WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO THE OWNER AND ARCHITECT/ENGINEER IN WRITING. THE WORK IN THE AFFECTED AREA SHALL NOT BE RESUMED UNTIL WRITTEN VERIFICATION BY THE OWNER THAT THE MATERIAL HAS BEEN REMOVED OR OTHERWISE BEEN RENDERED HARMLESS.



USGS SITE LOCATION MAP
SCALE: 1" = 1000' +/-

TAX MAP
SCALE: 1" = 250' +/-

Project

Field House Addition

111R Edgartown Vineyard Haven Rd
Vineyard Haven MA 02568

Client

YMCA of Martha's Vineyard

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Design Development

Key Plan:

Stamp:

NOT FOR CONSTRUCTION

No.	Date	Revision

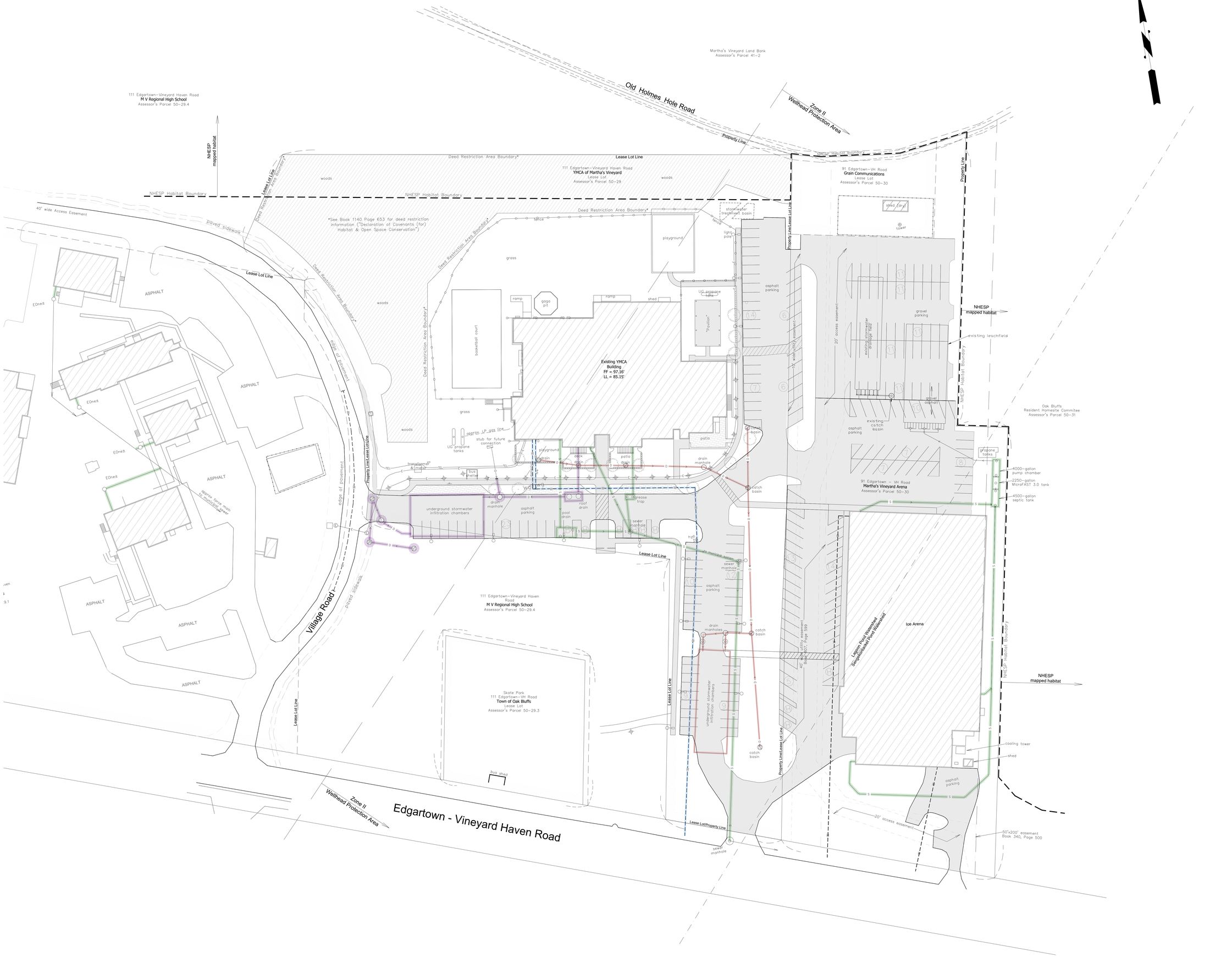
Job No.: 10074
Drawn By: WRB
Checked By: JKC
Date: 08/10/2023
Scale: AS NOTED

Drawing Title:

CIVIL NOTES, LEGENDS, & ABBREVIATIONS

Drawing No.:

C001



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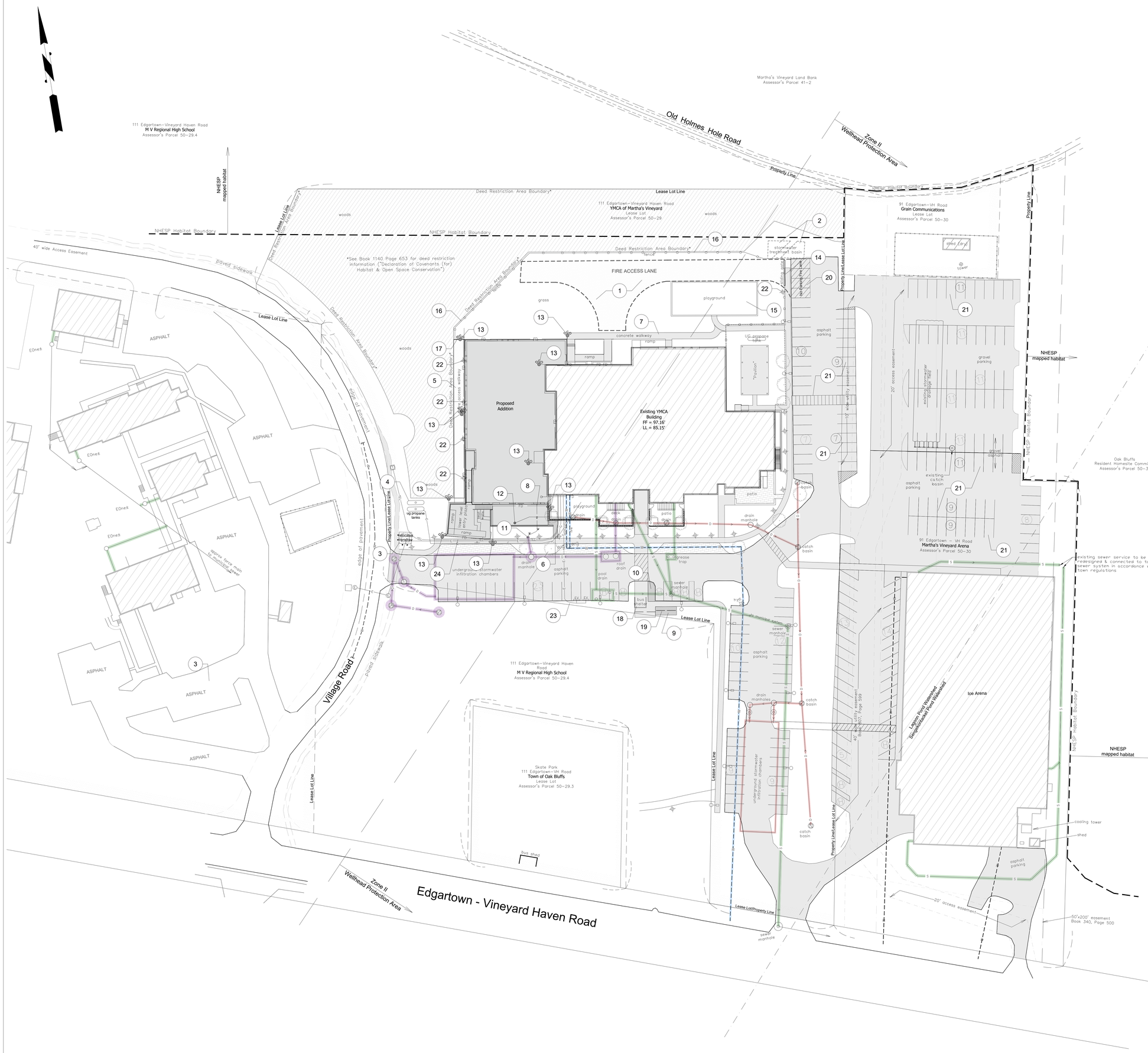
EXISTING SITE CONDITIONS

Drawing No.:

C101



PROPOSED SITE CONDITIONS NOTES

1. INSTALL CONCRETE TURF REINFORCEMENT PAVERS AT FIRE ACCESS WAY WITHIN PLAYGROUND AREA AS SHOWN. INSTALL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS TO SUPPORT A 51,000-POUND FIRE TRUCK. SEE DETAIL, SHEET C601.
2. RESTORE/ MAINTAIN SHALLOW STORMWATER TREATMENT BASIN PER 2008 PLANS.
3. CONSTRUCT CONCRETE PAD FOR RELOCATED TRANSFORMER AND METER & INSTALL BOLLARDS SPACED AS SHOWN. SEE DETAILS ON SHEET C601. PROVIDE TRENCHING & BACKFILL FOR NEW POWER LINE TO BUILDING. COORDINATE WITH CAPE LIGHT COMPACT.
4. PROVIDE TRENCHING & BACKFILL FOR NEW UNDERGROUND PROPANE TANKS & GAS LINE TO BUILDING. SIZE & QUANTITY TO BE DETERMINED BY AMERIGAS. COORDINATE INSTALLATION WITH AMERIGAS.
5. NEW 10-FT WIDE STONEDUST PATH FOR EMERGENCY PERSONNEL ACCESS (FOOT TRAFFIC ONLY.) SEE DETAIL ON SHEET C601.
6. NEW 4-FT WIDE CONCRETE WALKWAY. SEE DETAIL ON SHEET C601.
7. NEW 6-FT WIDE CONCRETE WALKWAY.
8. NEW PUMP LINE FROM BASEMENT STORMWATER SUMP PIT (FOR FOOTING DRAINS AND RAIN LEADERS.)
9. NEW 20'X8' CONCRETE SLAB FOR BIKE RACKS.
10. NEW CONCRETE WALKWAY FOR NAVIGATION AROUND RELOCATED BUS SHELTER.
11. TIE PUMP LINE FROM INTERIOR STORM DRAIN SUMP PUMP INTO EXISTING CAPPED 12" HDPE STUB USING A REDUCER AND FITTINGS AS NEEDED (TIES INTO EXISTING INFILTRATION SYSTEM). 12" INV AT CONNECTION= 90.7'
12. INSTALL NDS CATCH BASIN WITH 12" SQUARE PEDESTRIAN-FRIENDLY GRATE AND TIE INTO EXISTING WITH 6" PVC AS SHOWN. SEE DETAIL ON SHEET C601.
13. NEW FOUNDATION DRAIN CLEANOUTS. FOUNDATION DRAIN SHALL TIE INTO EXISTING STORM DRAIN SYSTEM. SYSTEM PUMP PIT LOCATED IN MECHANICAL ROOM. SEE CLEANOUT DETAIL ON SHEET C601 & PLUMBING PLANS.
14. GATE INSTALLED IN PLAYGROUND FENCE FOR FIRE ACCESS, WITH "NO PARKING / FIRE LANE" SIGN ATTACHED TO GATE. SEE DETAIL ON SHEET C601.
15. RELOCATED PLAYGROUND AREA.
16. RELOCATED PLAYGROUND FENCE SET BACK 1 FT FROM DEED RESTRICTION AREA. SEE DETAIL ON SHEET C601.
17. GATE INSTALLED AT END OF STONEDUST PATH. ACCESS TO BE COORDINATED WITH FIRE DEPARTMENT. SEE DETAIL ON SHEET C601.
18. RELOCATED BUS SHELTER.
19. REINSTALL SALVAGED BIKE RACKS. VERIFY REQUIREMENTS WITH EXISTING.
20. NEW FIRE LANE STRIPING . SEE DETAIL ON SHEET C601.
21. RECONFIGURED PARKING SPACES AND CROSSWALK. RESTRIPE AS SHOWN ON ASPHALT SURFACES.
22. NEW BOLLARD LIGHTS. SEE LIGHTING PLAN FOR PLAZA AND WALL MOUNTED FIXTURES.
23. PROVIDE EXCAVATION & BACKFILL FOR NEW CONDUIT PATHWAY TO EV CHARGING STATIONS.
24. PROVIDE TRENCHING & BACKFILL FOR RELOCATING TELECOM LINE AROUND NEW ADDITION.

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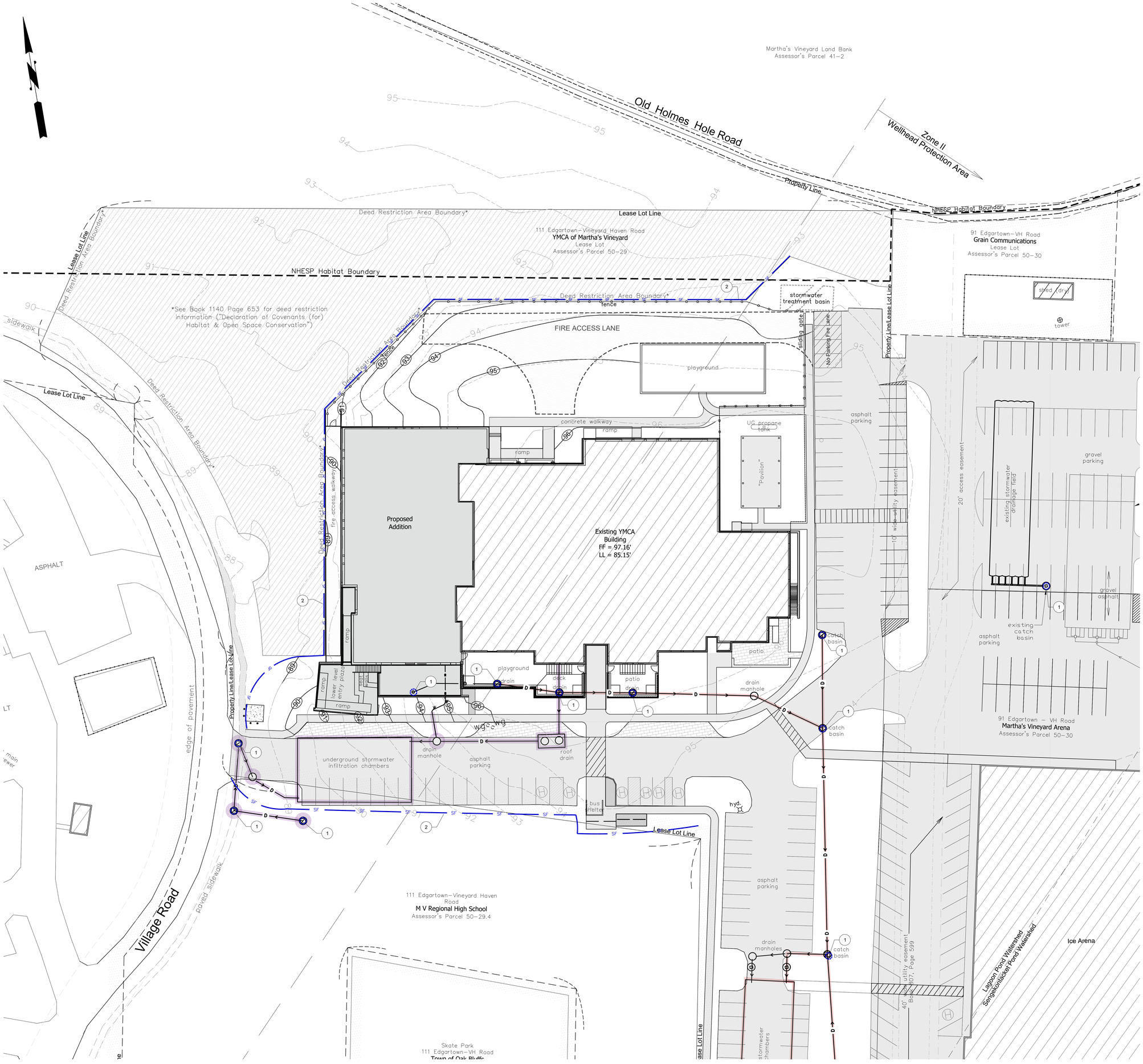
PROPOSED SITE CONDITIONS

Drawing No.:

C201



SITE NOTES

1. INSTALL INLET/ OUTLET PROTECTION AT ALL EXISTING AND PROPOSED CATCH BASINS AND DRAINAGE INLETS/ OUTLETS. SEE DETAIL ON SHEET C503.
2. INSTALL SILT FENCE OR SILT SOCK, ETC. (TYP.) - SUGGESTED LOCATION. CONTRACTOR TO DETERMINE EXACT LOCATIONS AS DICTATED BY FIELD CONDITIONS. SEE DETAIL ON SHEET C401.
3. EROSION AND SEDIMENTATION CONTROLS SHOWN ARE TO BE CONSIDERED A MINIMUM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING A STORMWATER POLLUTION PREVENTION PLAN AND MAINTAINING INSPECTION REPORTS THROUGHOUT THE PROJECT AS REQUIRED BY US EPA STORMWATER NPDES PERMIT.

GRAPHIC SCALE

0 20 40 60 100

(IN FEET)

1 INCH = 20 FT.

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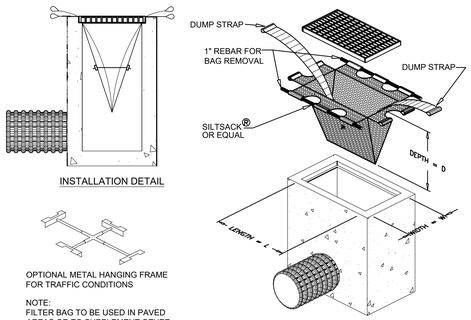
SITE GRADING & EROSION CONTROL PLAN

Drawing No.:

C301



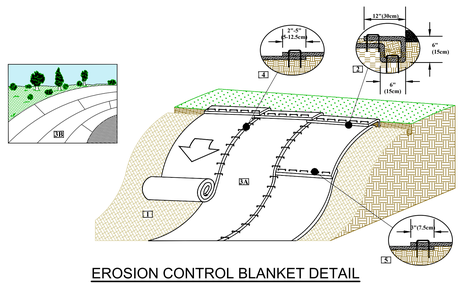
INSTALLATION DETAIL

OPTIONAL METAL HANGING FRAME FOR TRAFFIC CONDITIONS

NOTE:
FILTER BAG TO BE USED IN PAVED AREAS OR TO SUPPLEMENT OTHER INLET PROTECTION METHODS.

INLET PROTECTION DETAIL (FILTER BAG METHOD)

NOT TO SCALE

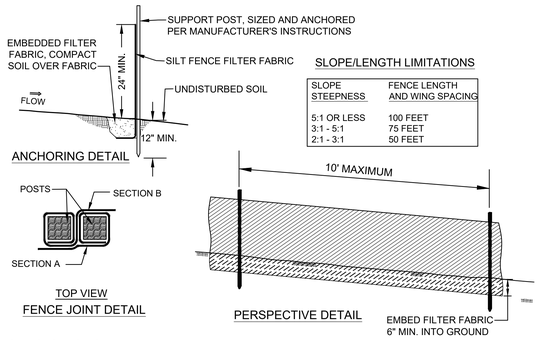


EROSION CONTROL BLANKET DETAIL

NOT TO SCALE

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the slope by anchoring the RECPs in a 6" deep X 6" wide trench with approximately 12" of RECPs extended beyond the up-slope portion of the trench. Anchor the RECPs with a row of staples/stakes approximately 12" apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12" portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12" apart across the width of the RECPs.
3. Roll the RECPs (A) down or (B) horizontally across the slope. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. The edges of parallel RECPs must be stapled with approximately 2" - 5" overlap depending on the RECPs type.
5. Consecutive RECPs spliced down the slope must be end over end (Shingle style) with an approximate 3" overlap. Staple through overlapped area, approximately 12" apart across entire RECPs width.

*NOTE:
In loose soil conditions, the use of staple or stake lengths greater than 6" may be necessary to properly secure the RECPs.



SLOPE/LENGTH LIMITATIONS

SLOPE STEEPNESS	FENCE LENGTH AND WING SPACING
5:1 OR LESS	100 FEET
3:1 - 5:1	75 FEET
2:1 - 3:1	50 FEET

CONSTRUCTION NOTES

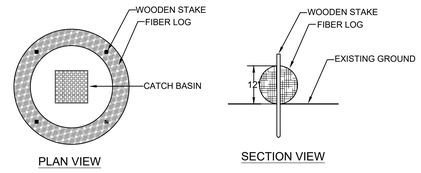
1. SECURELY FASTEN FILTER FABRIC TO FENCE POSTS WITH WIRE TIES OR STAPLES, UNLESS PRE-ASSEMBLED.
2. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER, OVERLAP SECTIONS BY 6 INCHES, FOLD, AND STAPLE AT A POST.
3. PLACE SILT FENCE 6 FEET MINIMUM DOWNGRADIENT FROM THE TOE OF SLOPE. SILT FENCE SHALL BE PLACED ALONG THE CONTOUR. IF THE FENCE CANNOT BE PLACED ALONG THE CONTOUR THE FENCE SHALL BE INSTALLED WITH PERPENDICULAR WINGS TO BREAK VELOCITY OF WATER FLOWING ALONG THE FENCE. PERPENDICULAR WINGS SHALL ALSO BE PLACED AT THE END OF THE SILT FENCE RUNS.
4. PROVIDE CLOSER FENCE POST SPACING IN AREAS WHERE HIGH RUNOFF VOLUMES ARE ANTICIPATED, OR IN LOW SPOTS WHERE SEDIMENT WILL BE COLLECTED.
5. MAINTAIN SILT FENCE UNTIL ALL UPSLOPE SOILS ARE STABILIZED.
6. ACCUMULATED SEDIMENT SHALL BE REMOVED, AT A MINIMUM WHEN IT REACHES ONE-THIRD OF THE FENCE HEIGHT.

SILT FENCE DETAIL

NOT TO SCALE

EROSION CONTROL METHODS

1. TEMPORARY AND PERMANENT MULCHING:
   a. HAY AND STRAW MULCHES SHALL BE ANCHORED WITH MULCH NETTING, TACKIFIER, SO THAT THEY ARE NOT BLOWN AWAY BY WIND OR WASHED AWAY BY FLOWING WATER.
   b. MULCH MATERIALS SHALL BE SELECTED BASED UPON SOILS, SLOPE, FLOW CONDITIONS, AND TIME OF YEAR; ALL MULCH MATERIALS SHALL BE APPROVED BY ENGINEER.
   c. HAY OR STRAW MULCH SHALL BE APPLIED AT A RATE OF 1.5 TO 2 TONS PER ACRE OR 70 TO 90 LBS PER 1000 SQUARE FEET.
   d. WOOD CHIPS OR GROUND BARK SHALL BE APPLIED AT 2 TO 6 INCHES DEEP AT A RATE OF 10 TO 20 TONS PER ACRES OR 460 TO 920 LBS PER 1000 SQUARE FEET.
   e. JUTE AND FIBROUS MATS AND WOOD EXCELSIOR SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
   f. EROSION CONTROL MIX SHALL BE PLACED AT A MINIMUM THICKNESS OF 2 INCHES.
2. VEGETATION:
   a. STONES AND TRASH SHALL BE REMOVED SO AS NOT TO INTERFERE WITH SEEDING AREA.
   b. ON SLOPES 4:1 OR STEEPER THE FINAL PREPARATION SHALL INCLUDE TRACKING TO CREATE HORIZONTAL GROOVES PERPENDICULAR TO THE SLOPE TO CATCH SEED AND REDUCE RUNOFF EROSION POTENTIAL.
   c. FERTILIZER AND ORGANIC SOIL AMENDMENTS SHALL BE APPLIED DURING THE GROWING SEASON AS PER SPECIFICATIONS.
   d. RUNOFF SHALL BE DIVERTED FROM THE SEEDED AREA.
   e. SEEDING SHALL OCCUR PRIOR SEPTEMBER 15TH.
   f. AREAS SEEDED BETWEEN MAY 15TH TO AUGUST 15TH SHALL BE COVERED WITH HAY OR STRAW MULCH AS INDICATED ABOVE.
   g. VEGETATED GROWTH COVERING AT LEAST 85% OF THE DISTURBED AREA SHALL BE ACHIEVED PRIOR TO OCTOBER 15TH.
3. TEMPORARY EROSION CONTROL BLANKETS:
   a. BLANKETS SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
   b. BLANKETS SHALL BE PLACED WITHIN 24 HOURS AFTER SOWING SEED IN THAT AREA.
   c. BLANKETS SHALL BE ANCHORED AT THE TOP OF THE SLOPE IN A TRENCH PER MANUFACTURER'S INSTRUCTIONS.
   d. BLANKETS SHALL BE UNROLLED IN THE DIRECTION OF THE WATER FLOW, OVERLAPPING EDGES AND STAPLING PER MANUFACTURER'S INSTRUCTIONS.
   e. BLANKETS SHALL BE LAID LOOSELY OVER THE SOILS, MAINTAINING CONTACT WITH THE SOIL, AND NOT STRETCHED.

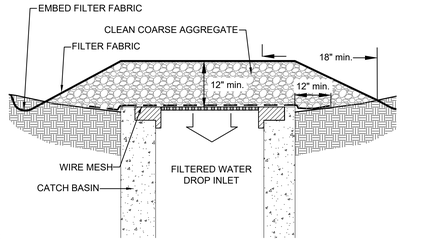


NOTES:

1. INSTALL FIBER LOG AROUND THE CATCH BASIN WITH ENDS TIGHTLY ADJOINED.
2. EACH FIBER LOG SHALL BE ANCHORED IN PLACE USING MINIMUM OF 4 WOODEN STAKES. WHEN USED ON PAVEMENT CONCRETE BLOCKS SHALL BE USED BEHIND THE FIBER LOG.
3. EACH FIBER LOG SHALL BE INSPECTED REGULARLY AND AFTER EVERY RAINFALL. REPAIR OR REPLACE AS NECESSARY.

INLET PROTECTION DETAIL (FIBER LOG LOG METHOD)

NOT TO SCALE



NOTES:

1. PLACE WIRE MESH OVER THE DROP INLET OR CURB OPENING SO THAT THE ENTIRE OPENING AND A MINIMUM OF 12 INCHES AROUND THE OPENING ARE COVERED BY THE WIRE MESH. THE MESH MAY BE ORDINARY HARDWARE CLOTH OR WIRE MESH WITH OPENINGS UP TO 1/2 INCH.
2. THE WIRE MESH SHOULD BE COVERED WITH CLEAN COARSE AGGREGATE SUCH AS SEWER STONE TO A MINIMUM DEPTH OF 12 INCHES AND EXTEND A MINIMUM OF 18" BEYOND THE DRAIN OPENING.
3. PLACE FILTER FABRIC OVER THE TOP OF THE STONE AND EMBED 6" DEEP AROUND STONE.
4. INSPECT FILTER FABRIC AND STONE REGULARLY. CLEAN AND REPLACE FABRIC AND STONE AS NECESSARY.
5. REMOVE SEDIMENT BUILD-UP AROUND STONE WHEN IT REACHES A DEPTH OF 6 INCHES.

INLET PROTECTION DETAIL (GRAVEL & WIRE MESH FILTER METHOD)

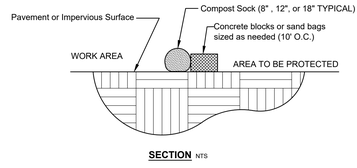
NOT TO SCALE

SEDIMENT CONTROL METHODS

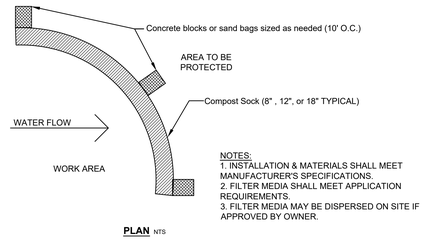
1. SILT FENCES:
   a. FENCES SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE FENCE.
   b. THE MAXIMUM CONTRIBUTING DRAINAGE AREA ABOVE THE FENCE SHALL BE LESS THAN 1/4 ACRE PER 100 LINEAR FEET OF FENCE.
   c. THE MAXIMUM LENGTH OF SLOPE ABOVE THE FENCE SHALL BE 100 FEET.
   d. THE MAXIMUM SLOPE ABOVE THE FENCE SHALL BE 2:1.
   e. FENCES SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAIL.
   f. FENCES SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE DETAIL.
2. EROSION CONTROL BERM MIX:
   a. BERMS SHALL BE USED IN AREAS WHERE EROSION WILL ONLY OCCUR IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
   b. THE BERM SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSE AS POSSIBLE.
   c. THE BERMS SHALL NO BE USED UNLESS THE AREA UPSLOPE OF THE BERM HAS A SLOPE OF LESS THAN 5%.
   d. THE MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 25% AND 65%, DRY WEIGHT BASIS, AND BE FIBROUS AND ELONGATED SUCH AS FROM SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS.
   e. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
   f. THE MIX SHALL NOT CONTAIN SILTS, CLAYS, OR FINE SANDS.
   g. THE MIX SHALL HAVE A PARTICLE SIZE BY WEIGHT OF

SIEVE SIZE	% PASSING
3" SCREEN	100%
1" SCREEN	90-100%
3/4" SCREEN	70-100%
1/4" SCREEN	30-75%

   h. THE MIX SHALL HAVE A PH BETWEEN 5.0 AND 8.0.
   i. THE BERM SHALL BE AT LEAST 12" HIGH AND 24" WIDE.
3. STRAW OR HAY BALE BARRIERS:
   a. THE BARRIERS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BARRIER.
   b. THE MAXIMUM LENGTH OF SLOPE ABOVE THE FENCE SHALL BE 100 FEET.
   c. THE MAXIMUM SLOPE ABOVE THE FENCE SHALL BE 2:1.
   d. THE BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAIL.
   f. THE BARRIERS SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE DETAIL.
4. TEMPORARY STONE CHECK DAMS:
   a. THE MAXIMUM CONTRIBUTING DRAINAGE AREA ABOVE THE CHECK DAM SHALL BE LESS THAN 1ACRE.
   b. THE CHECK DAMS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET.
   c. THE CHECK DAMS SHALL NOT BE USED IN FLOWING STREAMS.
   d. THE BARRIERS SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE DETAIL.
5. TEMPORARY CATCH BASIN INLET PROTECTION:
   a. THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE CATCH BASIN SHALL BE LESS THAN 1ACRE.
   b. ACCEPTABLE METHODS OF INLET PROTECTION ARE GRAVEL AND WIRE MESH FILTER, FILTER BAG, OR FIBER LOG.
   c. THE INLET PROTECTION METHOD SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON THIS SHEET.
   d. THE INLET PROTECTION METHOD SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE DETAIL.
6. TEMPORARY CONSTRUCTION EXIT:
   a. THE TEMPORARY CONSTRUCTION EXIT(S) SHALL BE INSTALLED IN ALL AREAS WHERE TRACKING OF SEDIMENT OFF THE CONSTRUCTION SITE IS POSSIBLE.
   b. THE TEMPORARY CONSTRUCTION EXIT SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON THIS SHEET.
   c. THE TEMPORARY CONSTRUCTION EXIT SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET.
7. TEMPORARY SEDIMENT TRAP:
   a. THE TRAP SHALL BE INSTALLED AS CLOSE TO THE DISTURBED AREA OR SOURCE OF SEDIMENT AS POSSIBLE.
   b. THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE CATCH BASIN SHALL BE LESS THAN 5 ACRES.
   c. THE TEMPORARY SEDIMENT TRAP SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS.
   d. THE TEMPORARY SEDIMENT TRAP SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE DETAIL.



SECTION NTS

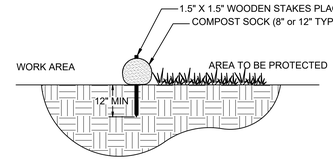


NOTES:
1. INSTALLATION & MATERIALS SHALL MEET MANUFACTURER'S SPECIFICATIONS.
2. FILTER MEDIA SHALL MEET APPLICATION REQUIREMENTS.
3. FILTER MEDIA MAY BE DISPERSED ON SITE IF APPROVED BY OWNER.

PLAN NTS

Compost Sock for Sediment Control on Pavement

NTS



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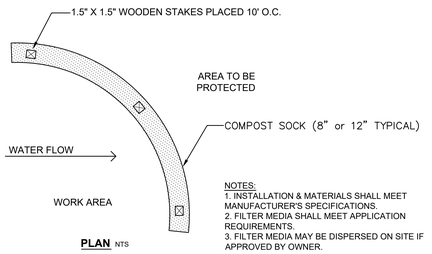

NOTES:
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2. FILTER MEDIA SHALL MEET APPLICATION REQUIREMENTS.
3. FILTER MEDIA MAY BE DISPERSED ON SITE IF APPROVED BY OWNER.

PLAN NTS

Compost Sock for Sediment Control

NTS

CONSTRUCTION SEQUENCE

1. INSTALL SEDIMENTATION CONTROL (DEVICES) IN LOCATIONS SHOWN ON PLANS AND ANY OTHER LOCATION DEEMED NECESSARY PRIOR TO ANY EARTH MOVING OR BLASTING OPERATION.
2. REMOVE TOPSOIL AND STOCKPILE AWAY FROM ANY WETLAND. STABILIZE STOCKPILE IMMEDIATELY BY SEEDING OR COVERING. STOCKPILE SHALL BE ENCLOSED WITH SILT FENCE OR OTHER SUITABLE EROSION CONTROL DEVICE.
3. REMOVE EXISTING STRUCTURES AND IMPROVEMENTS NECESSARY TO PERMIT CONSTRUCTION AND SITE WORK AS SHOWN ON THE PLANS.
4. ROUGH GRADE THE SITE. ALL CUT AND FILL SLOPES SHALL BE STABILIZED UPON COMPLETION OF ROUGH GRADING PER THE EROSION CONTROL NOTES.
5. INSTALL DRAINAGE PIPES AND STRUCTURES. STABILIZE IMMEDIATELY PER THE EROSION CONTROL NOTES. RUNOFF SHALL NOT BE DIRECTED TOWARDS PERMANENT EROSION CONTROL STRUCTURES UNTIL THEY HAVE BEEN STABILIZED.
6. INSTALL SEDIMENTATION CONTROL AT NEW CATCH BASINS ACCORDING TO DETAIL HEREON. INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A DAILY BASIS AND AFTER ANY STORMS.
7. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, CULVERT, DITCHES, SILT FENCES, SILT SOCKS, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
8. CONSTRUCT SITE IMPROVEMENTS.
9. FINISH GRADE THE SITE TO PREPARE FOR PAVING AND LOAMING. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS AFTER FINAL GRADING.
10. PERFORM FINISH PAVING. PERMANENT SEEDING SHALL BE PERFORMED UPON COMPLETION OF PAVING PER EROSION CONTROL NOTES.
11. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE ALL DISTURBED AREAS HAVE BEEN STABILIZED.

EROSION & SEDIMENTATION CONTROL NOTES

1. EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED AS SHOWN ON THE CONSTRUCTION DOCUMENTS OR AS MODIFIED BY THE STORMWATER POLLUTION PREVENTION PLAN.
2. EROSION AND SEDIMENTATION CONTROL METHODS EMPLOYED SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
3. EROSION AND SEDIMENTATION CONTROL METHODS SHALL BE INSPECTED WEEKLY OR WITHIN 24 HOURS OF ANY 0.5" OR GREATER RAINFALL EVENT.
4. WEEKLY INSPECTION LOGS SHALL BE MAINTAINED ON SITE AND SHALL BE MADE AVAILABLE TO FEDERAL, STATE, OR LOCAL OFFICIALS.
5. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME. ALL NON-ACTIVE DISTURBED AREAS (CLEARED FOR CONSTRUCTION BUT NOT CURRENTLY UNDERGOING CONSTRUCTION) SHALL BE STABILIZED WITHIN 14 DAYS OF DISTURBANCE. MAXIMUM EXPOSED AREA AT ANY TIME SHALL BE LIMITED TO 5 ACRES OR LESS.
6. DISTURBED SLOPES SHALL BE PROTECTED WITH JUTE MATTING UNTIL STABILIZED.
7. THE CONTRACTOR SHALL LIMIT THE AREAS OF EXPOSURE TO 45 DAYS MAXIMUM WITHOUT FINAL STABILIZATION.
8. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURED:
   A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
   B. A MINIMUM OF 85 % VEGETATED GROWTH HAS BEEN ESTABLISHED.
   C. A MINIMUM OF 3 INCHES OF NON-EROSION MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
   D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
9. PERMANENT SEEDING AND LOAMING SHALL CONFORM TO THE PROJECT SPECIFICATIONS MANUAL.
10. ALL EROSION CONTROL DEVICES SHOWN ON THESE PLANS ARE THE MINIMUM RECOMMENDED. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ADDITIONAL EROSION CONTROL DEVICES AS DEEMED NECESSARY.

COLD WEATHER STABILIZATION MEASURES

1. COLD WEATHER STABILIZATION TECHNIQUES APPLY FROM NOVEMBER 30 THROUGH MAY 1.
2. THE AREA OF EXPOSED, UNSTABILIZED SOIL SHALL BE LIMITED TO ONE ACRE AND SHALL BE PROTECTED AGAINST EROSION BY METHODS INDICATED ON THE PLANS PRIOR TO TO ANY THAW OR SPRING MELT EVENT.
3. ALL PROPOSED VEGETATED AREAS HAVING A SLOPE OF LESS THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY NOVEMBER 30, OR WHICH ARE DISTURBED AFTER NOVEMBER 30, SHALL BE SEEDED AND COVERED WITH 3 TO 4 TONS OF HAY OR STRAW MULCH PER ACRE SECURED WITH ANCHORED NETTING OR TACKIFIER, OR WITH A MINIMUM OF 2 INCHES OF EROSION CONTROL MIX.
4. ALL PROPOSED VEGETATED AREAS HAVING A SLOPE GREATER THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY NOVEMBER 30, OR WHICH ARE DISTURBED AFTER NOVEMBER 30, SHALL BE SEEDED AND COVERED WITH A PROPERLY INSTALLED AND ANCHORED EROSION CONTROL BLANKET OR WITH A MINIMUM OF 4 INCHES OF EROSION CONTROL MIX.
5. INSTALLATION OF ANCHORED HAY MULCH OR EROSION CONTROL MIX SHALL NOT OCCUR OVER SNOW OF GREATER THAN ONE INCH IN DEPTH.
6. INSTALLATION OF EROSION CONTROL BLANKETS SHALL NOT OCCUR OVER SNOW OF GREATER THAN ONE INCH IN DEPTH OR ON FROZEN GROUND.
7. ALL PROPOSED STABILIZATION IN ACCORDANCE WITH 3 AND 4 ABOVE, SHALL BE COMPLETED WITHIN A DAY OF ESTABLISHING THE GRADE THAT IS FINAL OR THE OTHERWISE WILL EXIST FOR MORE THAN 5 DAYS.
8. ALL DITCHES AND SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY NOVEMBER 30, OR WHICH ARE DISTURBED AFTER NOVEMBER 30, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS, AS DETERMINED BY THE DESIGN ENGINEER.
9. AFTER NOVEMBER 30, INCOMPLETE ROAD OR PARKING AREAS WHERE ACTIVE CONSTRUCTION HAS STOPPED FOR THE WINTER SEASON SHALL BE PROTECTED WITH A MINIMUM 3 INCH LAYER OF BASE COURSE GRAVELS MEETING NHDOT ITEM NO. 304.1 OR 304.2.

Project

Field House Addition

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Client

YMCA of Martha's Vineyard

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Design Development

Key Plan:

Stamp:

NOT FOR CONSTRUCTION

No.	Date	Revision

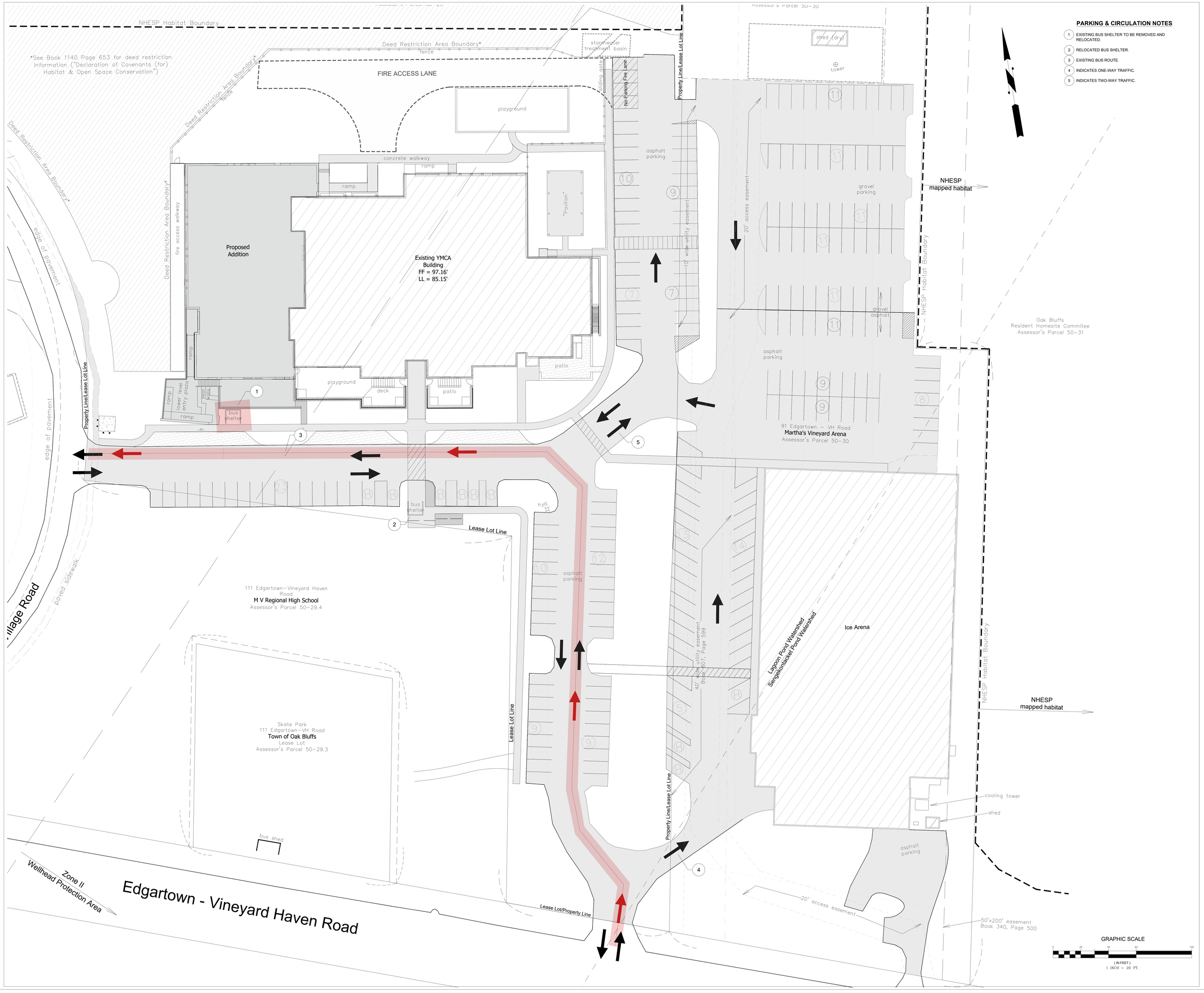
Job No.: 10074
Drawn By: WRB
Checked By: JKC
Date: 08/10/2023
Scale: AS NOTED

Drawing Title:

EROSION CONTROL DETAILS AND NOTES

Drawing No.:

C401



PARKING & CIRCULATION NOTES

1. EXISTING BUS SHELTER TO BE REMOVED AND RELOCATED.
2. RELOCATED BUS SHELTER.
3. EXISTING BUS ROUTE.
4. INDICATES ONE-WAY TRAFFIC.
5. INDICATES TWO-WAY TRAFFIC.

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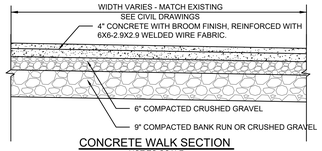
Drawing Title:

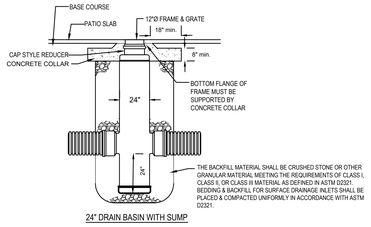
SITE PARKING & CIRCULATION PLAN

Drawing No.:

C501



CONCRETE WALK SECTION
NOT TO SCALE

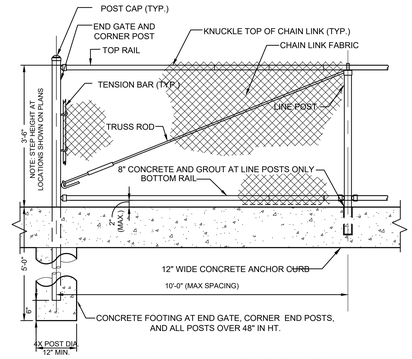


24" DRAIN BASIN WITH SUMP

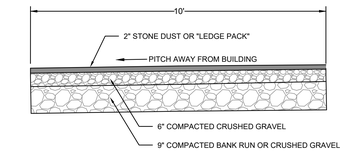
NOTE: 1. GRATES/SOLID COVERS SHALL MEET H-20 LOAD RATING FOR 30" PEDESTRIAN & 12" - 30" STANDARD & SOLID
2. DESIGN SHOULD ACCOUNT FOR ROOT DEPTH TO ALLOW TURF TO GROW AND PREVENT EROSION AROUND GRATE SO THAT HAZARDS DO NOT FORM.

NYLOPLAST DRAIN BASIN
NOT TO SCALE

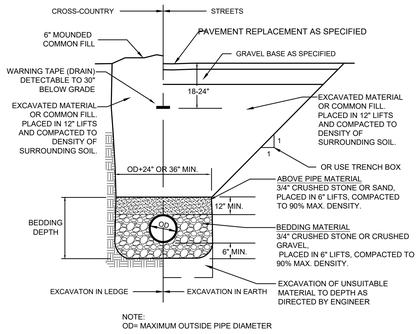
3128 VERONA AVE
BUFORD, GA 30518
PH (770) 932-2811
FAX (770) 932-2490
www.nyloplast-us.com



42" HIGH CHAIN LINK FENCE ELEVATION
NOT TO SCALE

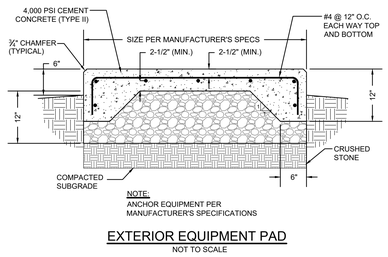


FIRE ACCES FOOTPATH SECTION
NOT TO SCALE



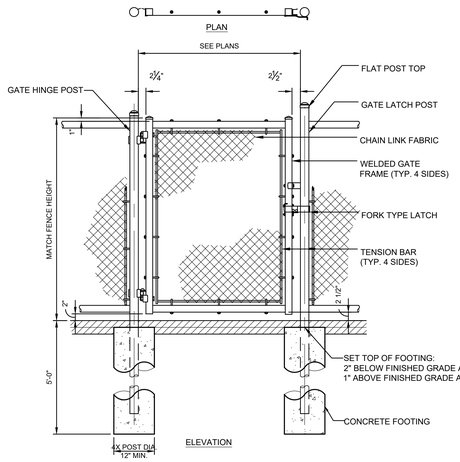
NOTE:
OD= MAXIMUM OUTSIDE PIPE DIAMETER

TYPICAL DRAINAGE TRENCH DETAIL
NOT TO SCALE



NOTE:
ANCHOR EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS

EXTERIOR EQUIPMENT PAD
NOT TO SCALE



SINGLE SWING GATE ELEVATION
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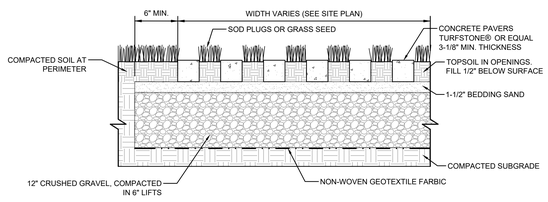
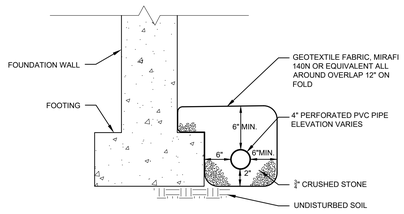


TURF REINFORCEMENT PAVER SECTION FOR FIRE ACCESS LANE
NOT TO SCALE



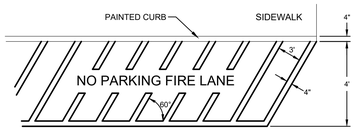
FOUNDATION DRAIN DETAIL
NOT TO SCALE

NO PARKING

FIRE LANE

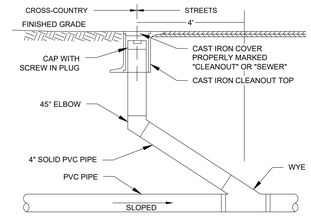
12" x 18"
R8-31

NO PARKING SIGN
NTS

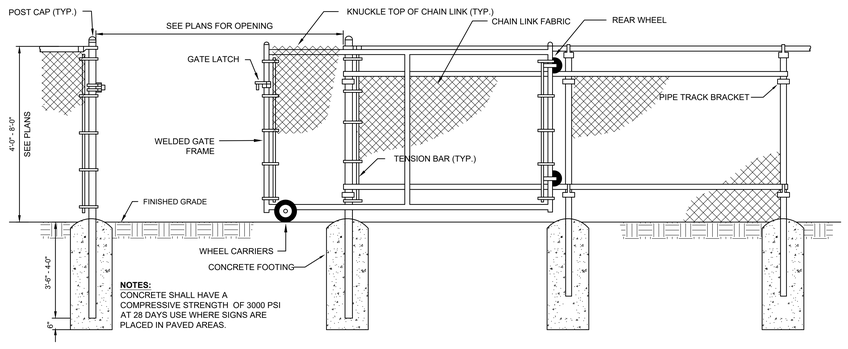


NOTE: STRIPING AND LETTERING TO BE TWO COATS OF YELLOW TRAFFIC-RATED PAVEMENT PAINT. LETTERS SHALL NOT BE LESS THAN 4" IN HEIGHT NOR LESS THAN 2" IN WIDTH.

FIRE LANE MARKINGS
NOT TO SCALE



TYPICAL CLEANOUT DETAIL
NOT TO SCALE



NOTES:
CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS USE WHERE SIGNS ARE PLACED IN PAVED AREAS.

CHAIN LINK ROLLING GATE DETAIL
NOT TO SCALE

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Key Plan:

Stamp:

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Checked By: JKC
Date: 08/10/2023
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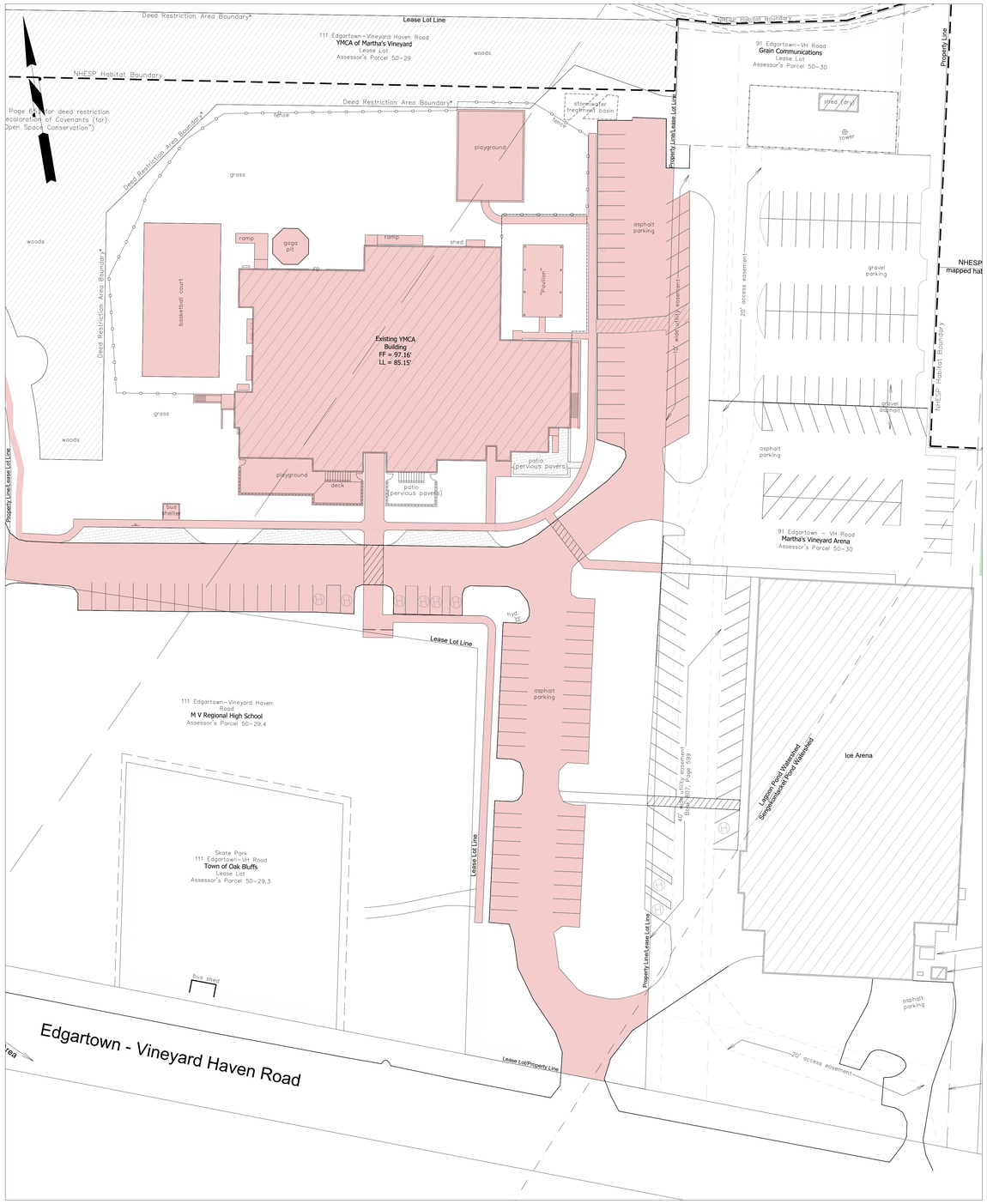
Drawing Title:

CIVIL DETAILS

Drawing No.:

C601

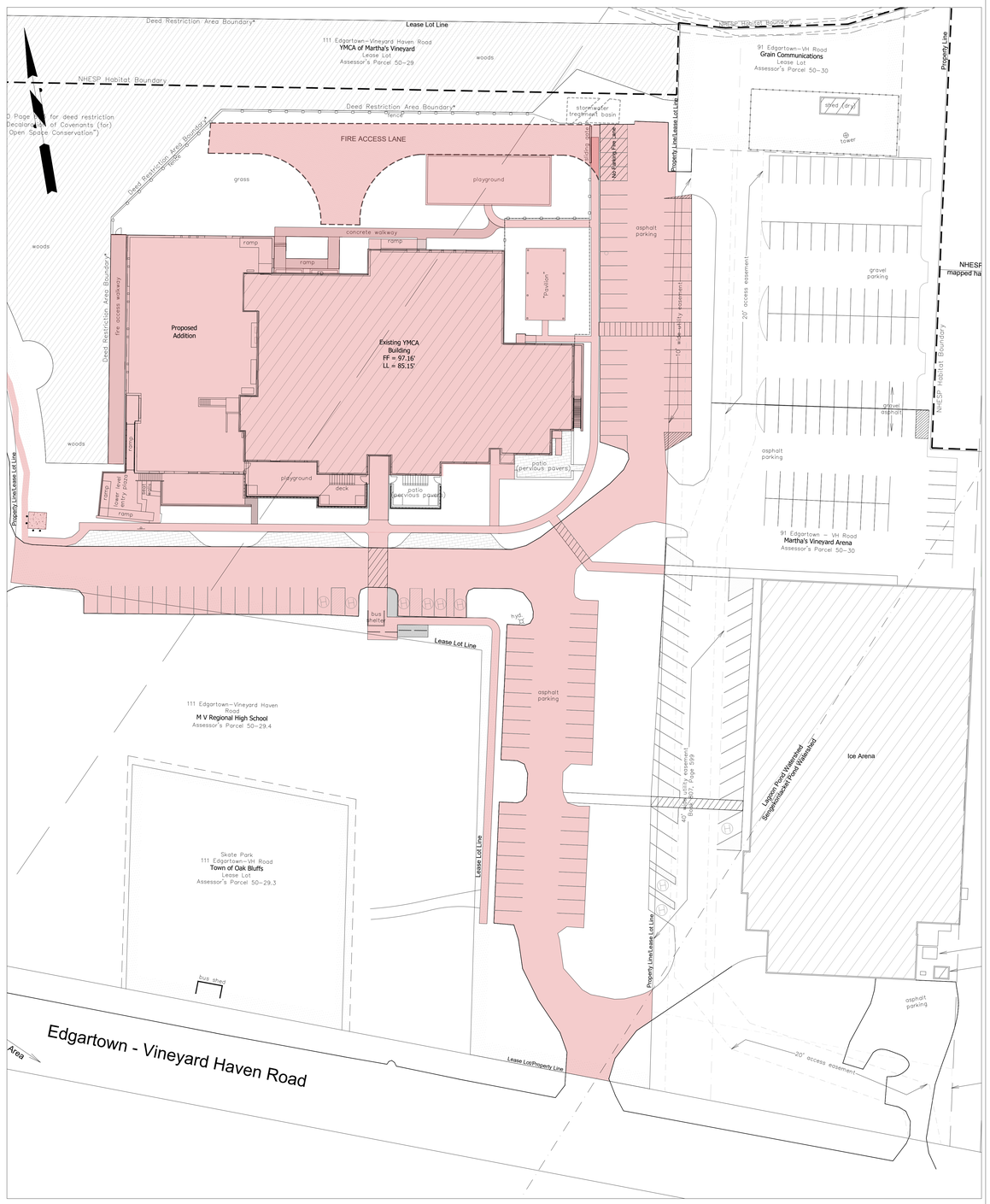


EXISTING SITE: 90,190+/- SQ. FT.
IMPERVIOUS

GRAPHIC SCALE

0 30 60 90 150

(IN FEET)
1 INCH = 30 FT.



PROPOSED SITE: 109,800+/- SQ. FT.
IMPERVIOUS

LOT TOTAL: 217,800+/- SQ. FT. (5 ACRES)
IMPERVIOUS TOTAL: 109,800+/- SQ. FT.
GREEN SPACE TOTAL: 108,000+/- SQ. FT. (49.6%)

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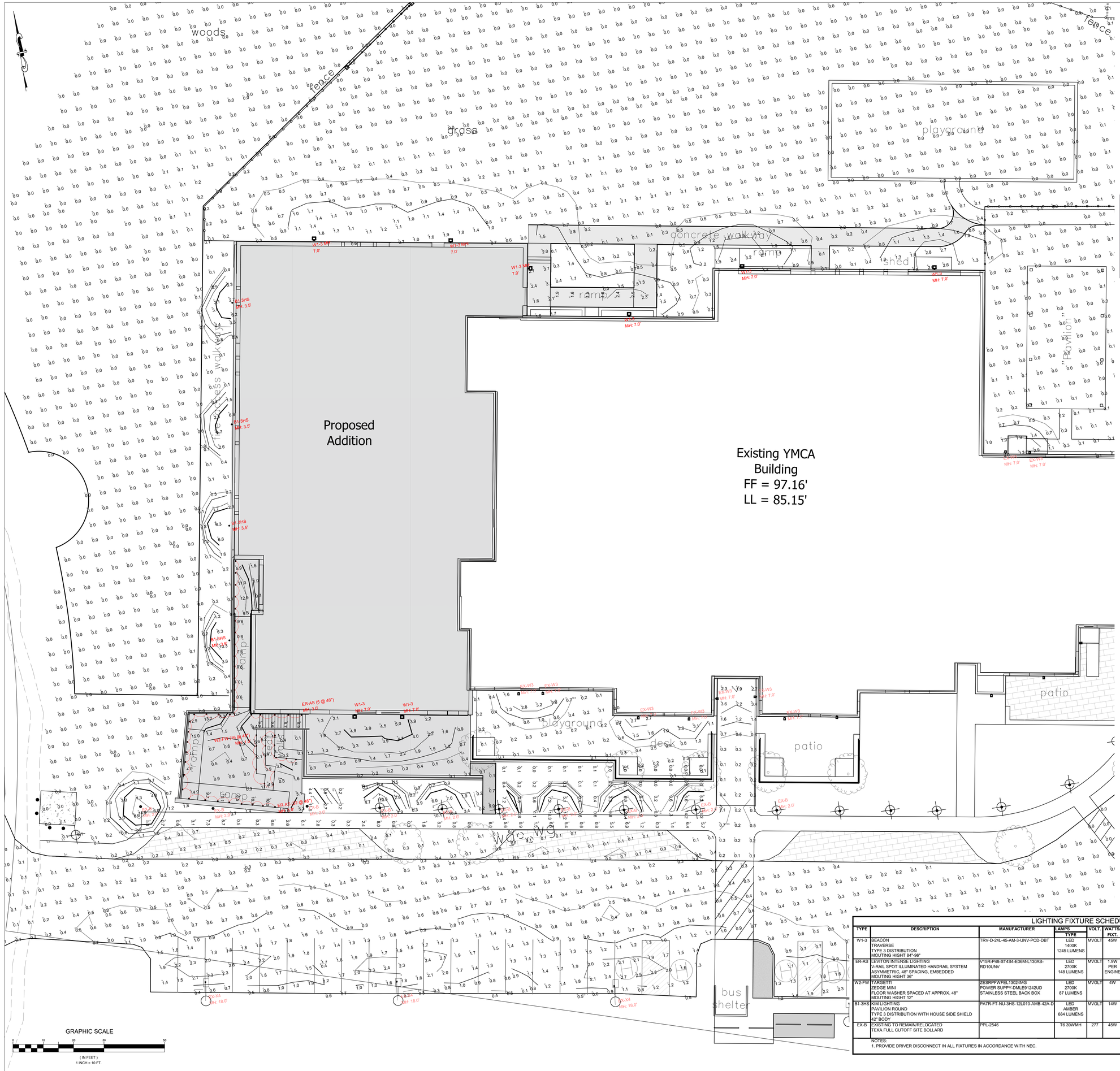
Scale: AS NOTED

Drawing Title:

IMPERVIOUS COVER

Drawing No.:

C701

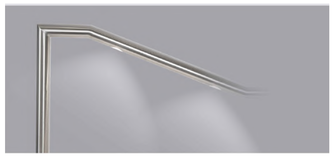


GRAPHIC SCALE

0 10 20 30 50

(IN FEET)
1 INCH = 10 FT.

"W1-3" BEACON TRAVERSE



"ER-AS" V-RAIL SPOT ILLUMINATED HANDRAIL SYSTEM

"W2-FW" TARGETTI ZEDGE-MINI

"B1-3HS" KIN LIGHTING PAVILION ROUND

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	LAMPS TYPE	VOLT.	WATTS/ FIXT.	REMARKS	EQUIVALENT BY
W1-3	BEACON TRAVERSE TYPE 3 DISTRIBUTION MOUTING HIGHT 84"-96"	TRV-D-24L-45-AM-3-UNV-PCD-DBT	LED 1400K 1245 LUMENS	MVOLT	45W	SHALL BE DARK SKY COMPLIANT. VERIFY MOUNTING LOCATION WITH AND FINISH WITH ARCHITECTURAL DRAWINGS.	
ER-AS	LEVITON INTENSE LIGHTING V-RAIL SPOT ILLUMINATED HANDRAIL SYSTEM ASYMMETRIC, 48" SPACING, EMBEDDED MOUTING HIGHT 36"	V15R-P48-ST4S4-E36M-L130AS-RD10UNV	LED 2700K 148 LUMENS	MVOLT	1.9W PER ENGINE	SHALL BE DARK SKY COMPLIANT. VERIFY LAYOUT AND FINISH OF HANDRAIL WITH ARCHITECTURAL DRAWINGS. PROVIDE WITH REMOTE POWER SUPPLY AND EMERGENCY INVERTER	
W2-FW	TARGETTI ZEDGE MINI FLOOR WASHER SPACED AT APPROX. 48" MOUTING HIGHT 12"	ZESRPFWFEL13024MG POWER SUPPY-DMLE91242UD STAINLESS STEEL BACK BOX	LED 2700K 87 LUMENS	MVOLT	4W	SHALL BE DARK SKY COMPLIANT. VERIFY FINISH WITH ARCHITECT PROVIDE WITH REMOTE POWER SUPPLY.	
B1-3HS	KIM LIGHTING PAVILION ROUND TYPE 3 DISTRIBUTION WITH HOUSE SIDE SHIELD 42" BODY	PA7R-FT-NU-3HS-12L010-AMB-42A-D	LED AMBER 684 LUMENS	MVOLT	14W	SHALL BE DARK SKY COMPLIANT AND WILD LIFE FRENDLY. VERIFY FINISH WITH ARCHITECT	
EX-B	EXISTING TO REMAIN/RELOCATED TEKA FULL CUTOFF SITE BOLLARD	PPL-2546	T6 39WMH	277	45W	SEE ELECTRICAL SITE PLAN.	

NOTES:
1. PROVIDE DRIVER DISCONNECT IN ALL FIXTURES IN ACCORDANCE WITH NEC.

Project

Field House Addition

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YMCA of Martha's Vineyard

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Design Development

Key Plan:

Stamp:

NOT FOR CONSTRUCTION

No.	Date	Revision

Job No.: 10074
Drawn By: JRI
Checked By: AMS
Date: 08/09/2023
Scale: AS NOTED

Drawing Title:

SITE PHOTOMETRIC PLAN

Drawing No.:

E-002