

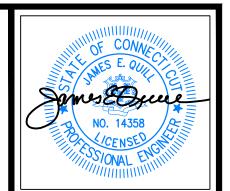
C-1 / RT 32 OZ DISTRICT MAP 70 LOT 010-000

PROPOSED 22 UNIT CONDOMINIUM DEVELOPMENT

245 NORWICH-NEW LONDON ROAD (CT ROUTE 32) MONTVILLE, CONNECTICUT

> **APPLICANT** WESTERN GROUP, LLC 338 Westport Road Wilton, CT

> OWNER WESTERN GROUP, LLC 338 Westport Road Wilton, CT





WILTON!

Job Number: FE22-1700

Job Start Date

Drawn By: Checked By

Sheet Title: COVER SHEET

Sheet Number:

ARCHITECTURAL DRAWINGS

DETAIL SHEET

DETAIL SHEET

DETAIL SHEET

COVER SHEET

SITE LAYOUT PLAN

IMPROVEMENT LOCATION PLAN

SOIL EROSION & SEDIMENT CONTROL PLAN

SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS

GRADING, DRAINAGE PLAN

03/10/22 **ELEVATIONS UNITS 10-22** 03/10/22 03/10/22 **BASEMENT & FIRST FLOOF** TYP ELEVATIONS

03/10/22 03/10/22 03/10/22 03/10/22 03/10/22 03/10/22 03/10/22 03/10/22

C-6.1

C-6.2

DRAWING LIST

SITE/CIVIL DRAWINGS

SEC PLAN APPROVAL DATE

PPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION

LATEST REVISION

03/08/22

03/08/22

03/08/22

03/08/22

01/25/22 01/07/22

01/25/22

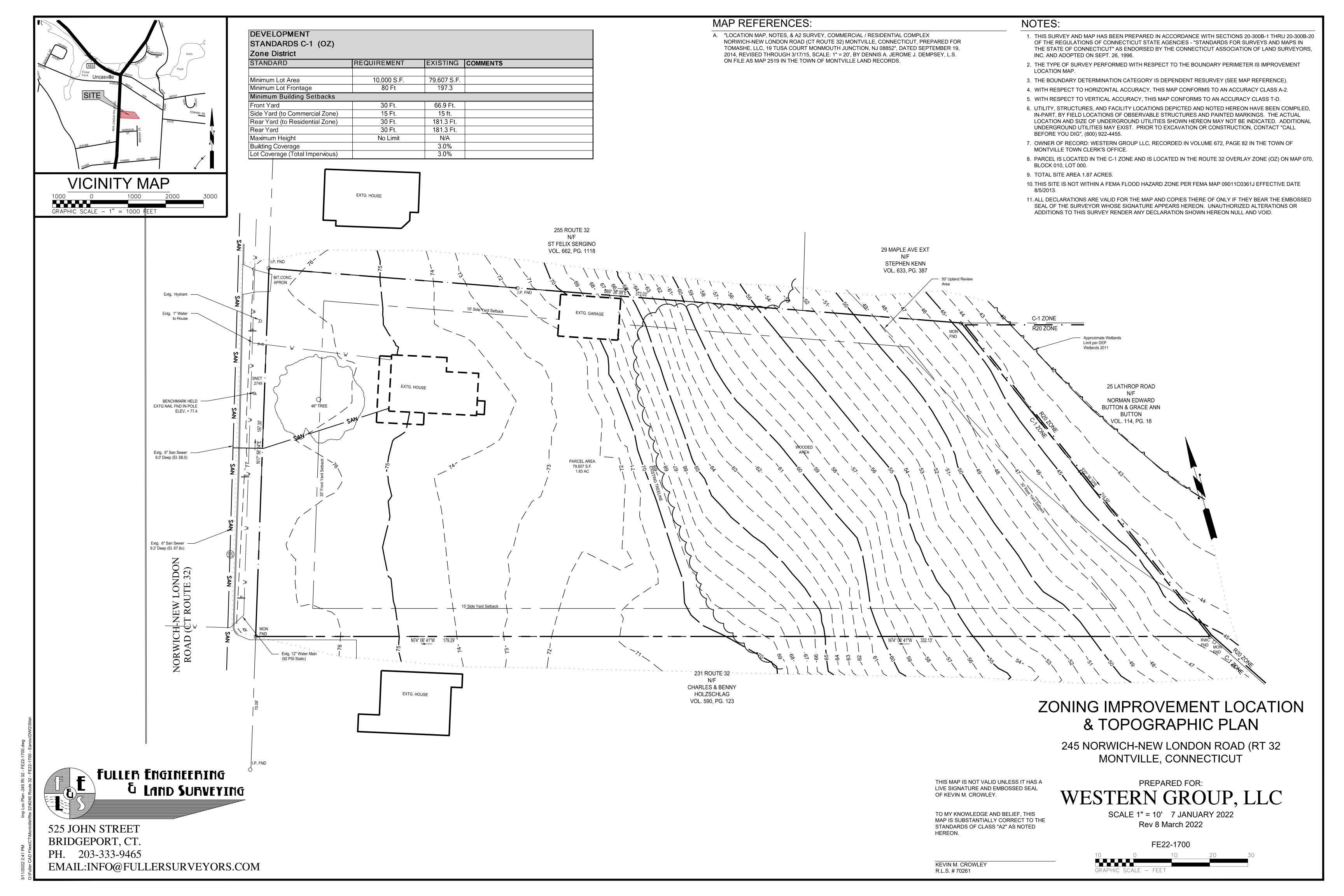
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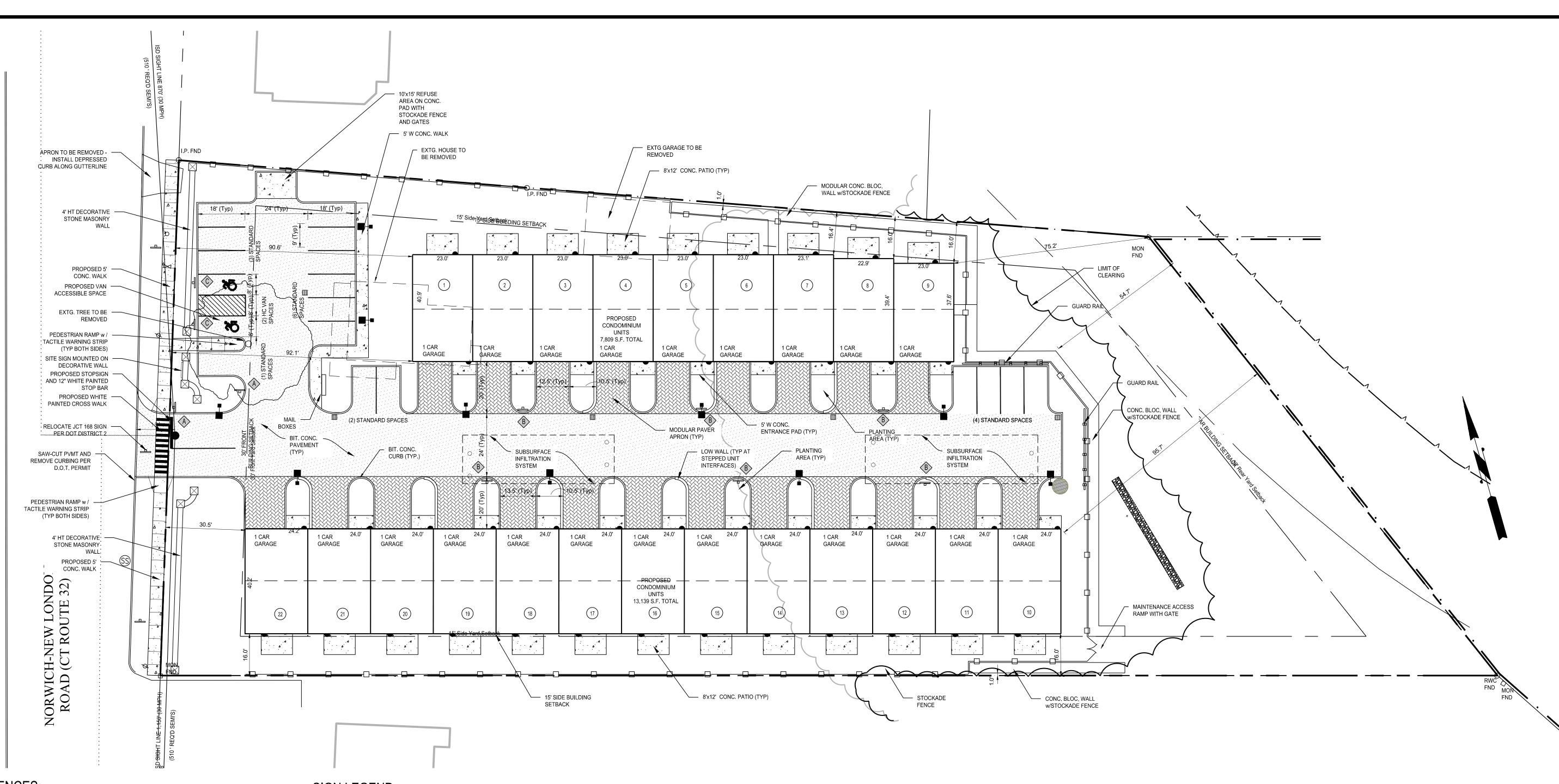
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C-0





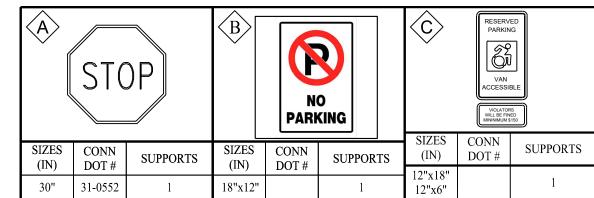
MAP REFERENCES:

A. "ZONING IMPROVEMENT LOCATION AND TOPOGRAPHIC SURVEY", DATED 7 JANUARY 2022, SCALE 1"=20', BY FULLER ENGINEERING AND LAND SURVEYING, LLC.

NOTES:

- 1. THIS PLAN IS FOR THE PROPOSED CONDOMINIUM BUILDINGS WITH PARKING CONSTRUCTION, SITE UTILITIES, AND MISCELLANEOUS LANDSCAPING. THIS PLAN IS NOT TO BE USED AS A SITE OR CONSTRUCTION PLAN. ADDITIONAL DESIGN AND DETAILS REQUIRED FOR BIDDING AND CONSTRUCTION.
- 2. LOCATION OF EXISTING OUT STRUCTURES, AND TOPOGRAPHY WERE OBTAINED FROM A SURVEY TITLED "ZONING IMPROVEMENT LOCATION & TOPOGRAPHIC PLAN, 245 NORWICH-NEW LONDON ROAD (RT32) MONTVILLE, CONNECTICUT, PREPARED FOR WESTERN GROUP, LLC", DATED 7 JANUARY 2022, SCALE 1"=10', BY FULLER ENGINEERING & LAND SURVEYING LLC.
- 3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS AND SEQUENCES OF CONSTRUCTION AND FOR THE SAFETY OF WORKERS AND OTHERS ON THE CONSTRUCTION SITE.
- 4. THE CONTRACTOR SHALL LOCATE AND VERIFY THE SIZE, LOCATION, DEPTH AND INVERTS OF ANY AND ALL EXISTING UTILITIES PRIOR TO COMMENCING OPERATIONS. THE CONTRACTOR SHALL ALSO BE REQUIRED TO CONTACT THE ZONING DEPARTMENT, FIRE MARSHALL, AND THE TOLL FREE "CALL-BEFORE-YOU-DIG" PHONE NUMBER AT 1-800-922-4455.
- 5. THE PROPOSED DEVELOPMENT SHOWN HEREON WILL REQUIRE REVIEW AND APPROVAL BY THE LOCAL BUILDING DEPARTMENT PER THE REQUIREMENTS OF THE 2002 CT E&S GUIDELINES.
- 6. RESTORE ALL DISTURBED AREAS WITH A MINIMUM OF FOUR (4") INCHES OF TOPSOIL, SEED, AND HAY MULCH UPON COMPLETION OF CONSTRUCTION.
- 7. LOT SERVED BY TOWN SEWER SYSTEM AND PUBLIC WATER SUPPLY.
- 8. THIS SITE IS NOT WITHIN A FEMA FLOOD HAZARD ZONE PER FEMA MAP 09011C0361J EFFECTIVE DATE 8/5/2013.
- 9. CLEARING LIMIT LINE SHALL BE ESTABLISHED PRIOR TO ANY SITE WORK ACTIVITIES.

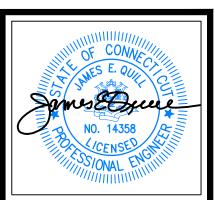
SIGN LEGEND



	NO PARKING	VAN ACCESSIBLE VIOLATORS WILL BE FINED WILL	20 0 20 40 GRAPHIC SCALE – FEET
STIPPORTS	SIZES CONN SUPPORTS	(IN) DOT # SUPPORTS	

DEVELOPMENT				
STANDARDS C-1 OZ				
Zone District				
STANDARD	REQUIREMENT	EXISTING	PROPOSED	COMMENTS
Minimum Lot Area	10000	79607	No Change	
Minimum Lot Frontage	80	197.3	No Change	
Minimum Building Setbacks				
Front Yard	30 Ft.	66.9 Ft.	92.1 Ft.	
Side Yard (to Commercial Zone)	15 Ft.	15 ft.	15 Ft.	
Rear Yard (to Residential Zone)	30 Ft.	181.3 Ft.	N/A	
Rear Yard	30 Ft.	181.3 Ft.	75.2 Ft.	
Maximum Height	No Limit	N/A	N/A	
Building Coverage		3.0%	25.6%	
Lot Coverage (Total Impervious)		3.0%	56.7%	

Parking				
	Requirement	Unit	Required	Provided
Condominium Units (Sect 14A.3.d)	2.5 Per Unit	22	55	
Garage				22
Front of garage				22
Additional Parking				11
Guest Parking	3 Per 10 Units	22	7	7
Total Parking Provided			62	62
		Regulation		
Standard Spaces	9'x18'	18.2.1		
Parallel Spaces	10'x20'			
Handicap Van Spaces	16'x18'			
Front of Garage Spaces	10' Min x 20' Min.	18.3.2		



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WILTON'S WAY

22 UNIT CONDOMINIUM DEVELOPMENT

245 NORWICH-NEW LONDON ROAD (RT 32)

MONTVILLE, CONNECTICUT

Job Number: FE22-1700

Job Start Date: 1/4/22

Submission	01/25/22
Staff Comments	03/08/22

Drawn By: Checked By D.R.R. J.E.Q.

Sheet Title:

APPROVED BY THE MONTVILLE INLAND WETLAND COMMISSION

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION

EXPIRATION DATE

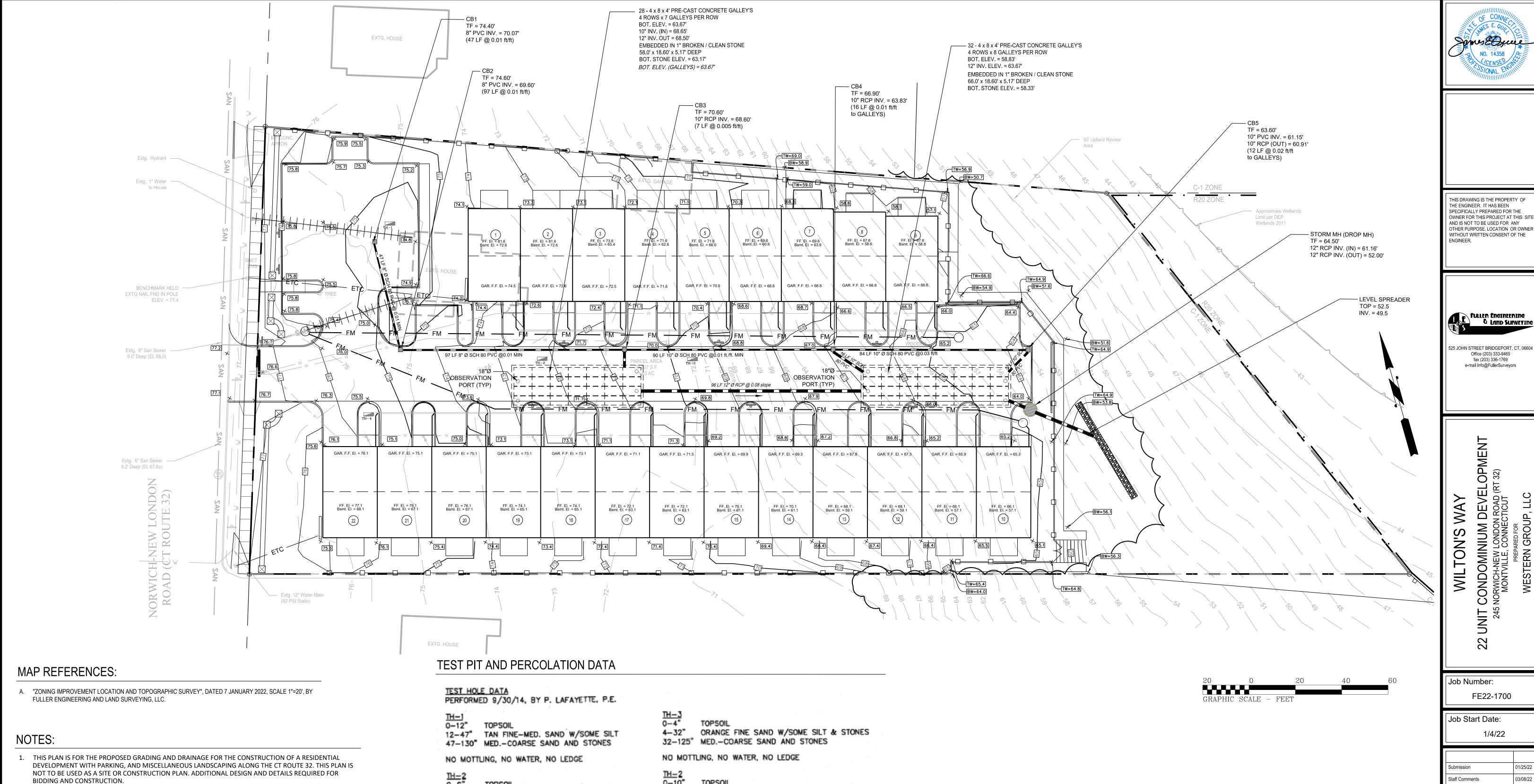
SEC PLAN APPROVAL DATE

PROPOSED SITE PLAN

Scale: 1" = 20'

Sheet Number:

C-2.1



Job Number: FE22-1700

fax (203) 336-1769

Job Start Date:

Drawn By: Checked By:

Sheet Title:

GRADING AND DRAINAGE PLAN

1" = 20'

APPROVED BY THE MONTVILLE INLAND WETLAND COMMISSION

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION

EXPIRATION DATE

SEC PLAN APPROVAL DATE

Sheet Number:

- 2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS AND SEQUENCES OF CONSTRUCTION AND FOR THE SAFETY OF WORKERS AND OTHERS ON THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL LOCATE AND VERIFY THE SIZE, LOCATION, DEPTH AND INVERTS OF ANY AND ALL EXISTING UTILITIES PRIOR TO COMMENCING OPERATIONS. THE CONTRACTOR SHALL ALSO BE REQUIRED TO CONTACT THE TOLL FREE "CALL-BEFORE-YOU-DIG" PHONE NUMBER AT 1-800-922-4455.
- 4. THE PROPOSED DEVELOPMENT SHOWN HEREON WILL REQUIRE REVIEW AND APPROVAL BY THE MONTVILLE BUILDING DEPARTMENT.
- 5. ALL WORK PERFORMED BY THE OWNER / DEVELOPER MUST INCLUDE IMPLEMENTATION OF AN APPROVED SOIL EROSION AND SEDIMENTATION PLAN IN ACCORDANCE WITH PUBLIC ACT No. 83-388 [PASSED BY THE CONNECTICUT GENERAL ASSEMBLY]. THE OWNER / DEVELOPER SHALL BE THOROUGHLY FAMILIAR WITH THE 2002 CONNECTICUT EROSION & SEDIMENTATION GUIDELINES.
- 6. RESTORE ALL DISTURBED AREAS WITH A MINIMUM OF FOUR (4") INCHES OF TOPSOIL, SEED, AND HAY MULCH UPON COMPLETION OF CONSTRUCTION.
- 7. LOT SERVED BY TOWN SEWER SYSTEM AND PUBLIC WATER SUPPLY.
- 8. ALL EXISTING UTILITY LINES THAT WILL BE DISCONNECTED MUST BE CAPPED OR TERMINATED ACCORDING TO THE TOWN OF MONTVILLE AND UTILITY COMPANY STANDARDS.
- FINAL RETAINING WALL SYSTEM TO BE DESIGNED AND INSPECTED BY A CONNECTICUT LICENSED ENGINEER. STRUCTURAL DETAILS TO BE SUBMITTED TO THE SATISFACTION OF THE TOWN ENGINEER PRIOR TO ISSUANCE OF BUILDING PERMIT.
- 10. SEE APPENDIX "O" OF THE ENGINEERING REPORT FOR OPERATION AND MAINTENANCE PLAN.

6-40" TAN FINE-MED. SAND W/SOME SILT 40-128" MED.-COARSE SAND AND STONES

10-52" ORANGE FINE SAND W/SOME SILT & STONES 52-136" MED.-COARSE SAND AND STONES

NO MOTTLING, NO WATER, NO LEDGE

EARTHWORK

Cut/F	ill	S	Sun	ma:	ry
	~		_		

WETLAND AREAS

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Earthwork	1.000	1.000	66340.66 Sq. Ft.	3325.99 Cu. Yd.	3645.68 Cu. Yd.	319.69 Cu. Yd. <fill></fill>
Totals			66340.66 Sq. Ft.	3325.99 Cu. Yd.	3645.68 Cu. Yd.	319.69 Cu. Yd. <fill></fill>

A. TOTAL AREA OF DISTURBANCE: 66,340 S.F. (1.5 A.C.±)

NO MOTTLING, NO WATER, NO LEDGE

AREA	AREA (S.F.)	AREA (AC.)	NOTES
WETLAND AREA ON SITE	0 S.F.	0 AC.	See note below.
UPLAND REVIEW AREA ON SITE	4,253 S.F.	0.1 AC.	
TOTAL WETLAND AREA DISTURBED	0 S.F.	0 AC.	
UPLAND REVIEW AREA DISTURBED	0 S.F.	0 AC.	

TOTAL WETLAND & UPLAND REVIEW AREA DISTURBED 0 S.F. OFF-SITE WETLANDS FLAGGED BY ALEKSANDRA MOCH ON FEBRUARY 12, 2022.

NOTES:

DEPARTMENT.

CONNECTICUT GENERAL ASSEMBLY]. THE OWNER / DEVELOPER SHALL BE THOROUGHLY FAMILIAR WITH THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL PUBLISHED BY THE CONNECTICUT COUNCIL OF SOIL AND WATER CONSERVATION, JANUARY 1985.

RESTORE ALL DISTURBED AREAS WITH A MINIMUM OF FOUR (4") INCHES OF TOPSOIL, SEED, AND HAY MULCH UPON COMPLETION OF CONSTRUCTION.

7. LOT SERVED BY TOWN SEWER SYSTEM AND PUBLIC WATER SUPPLY. APPLICATION WILL BE MADE TO THE WATER POLLUTION CONTROL AUTHORITY FOR A PERMIT TO CONSTRUCT AND CONNECT WATER AND SEWER LINES TO THE MONTVILLE SEWER SYSTEM.

8. EXISTING UNDERGROUND UTILITY LOCATION TAKEN FROM MAPS PROVIDED BY UTILITY COMPANY AND SEWER DEPARTMENT, PRIOR SURVEYS, AND FIELD MARKINGS.

ALL EXISTING UTILITY LINES THAT WILL BE DISCONNECTED MUST BE CAPPED OR TERMINATED ACCORDING TO THE TOWN OF MONTVILLE AND UTILITY COMPANY STANDARDS. 10. IF REQUIRED, ALL EXISTING SANITARY SEWER LINES SHALL BE CAPPED WITHIN 2 FEET OF THE EXISTING SEWER

11. ALL ROOF LEADERS SHALL BE PIPED AND CONNECTED TO THE SUBSURFACE DRAINAGE SYSTEM. PIPE ROUTING AND GUTTER CONNECTIONS SHALL BE DETERMINED BY CONTRACTOR.

12. ALL UNITS ARE DESIGNED TO HAVE SANITARY CONNECTIONS IN EACH BASEMENT AND WILL PUMP UP TO THE MAIN LATERAL AT THE FRONT OF THE BUILDINGS. SANITARY LIFT SYSTEMS ARE REQUIRED TO FACILITATE ALL SEWAGE DISCHARGE TO THE TOWN SEWER SYSTEM IN THE STREET.

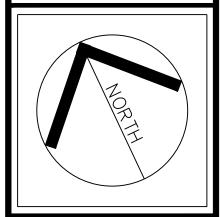
13. ALL WORK SHALL COMPLY WITH THE FOLLOWING TOWN STANDARDS:

13.1. TOWN OF MONTVILLE SEWER USE REULES AND REGULATIONS.

13.2. TOWN OF MONTVILLE SANITARY SEWER MATERIALS AND CONSTRUCTION STANDARDS.

13.3. TOWN OF MONTVILLE SPECIFICATIONS OF WATER MAINS AND APPURTENANCES. 14. SEWER PIPE TO BE PLASTIC PVC-SDR35.

15. WATER LINES TO BE TYPE K COPPER TUBING.



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525 JOHN STREET BRIDGEPORT, CT. 066 Office (203) 333-9465 e-mail Info@FullerSurveyors

WILTON'

Job Number: FE22-1700

Job Start Date: 1/4/22

bmission	01/25/22
aff Comments	03/08/22

Drawn By: Checked By:

Sheet Title: PROPOSED UTILITIES PLAN

1" = 20'

APPROVED BY THE MONTVILLE INLAND WETLAND COMMISSION

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION

EXPIRATION DATE

SEC PLAN APPROVAL DATE

Sheet Number:

MAP REFERENCES:

A. "ZONING IMPROVEMENT LOCATION AND TOPOGRAPHIC SURVEY", DATED 7 JANUARY 2022, SCALE 1"=20', BY FULLER ENGINEERING AND LAND SURVEYING, LLC.

NOTES:

- THIS PLAN IS FOR THE PROPOSED SOIL EROSION AND SEDIMENT CONTROL FOR THE CONSTRUCTION OF A
 RESIDENTIAL DEVELOPMENT WITH PARKING, AND MISCELLANEOUS LANDSCAPING ALONG THE CT ROUTE 32.
 THIS PLAN IS NOT TO BE USED AS A SITE OR CONSTRUCTION PLAN. ADDITIONAL DESIGN AND DETAILS
 REQUIRED FOR BIDDING AND CONSTRUCTION.
- 2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS AND SEQUENCES OF CONSTRUCTION AND FOR THE SAFETY OF WORKERS AND OTHERS ON THE CONSTRUCTION SITE.
- 3. THE PROPOSED DEVELOPMENT SHOWN HEREON HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 15.1 OF THE ZONING REGULATIONS.
- 4. ALL WORK PERFORMED BY THE OWNER / DEVELOPER MUST INCLUDE IMPLEMENTATION OF AN APPROVED SOIL EROSION AND SEDIMENTATION PLAN IN ACCORDANCE WITH PUBLIC ACT No. 83-388 [PASSED BY THE CONNECTICUT GENERAL ASSEMBLY]. THE OWNER / DEVELOPER SHALL BE THOROUGHLY FAMILIAR WITH THE CONNECTICUT GUIDELINES FOR EROSION 2002 AS AMENDED.
- 5. RESTORE ALL DISTURBED AREAS WITH A MINIMUM OF FOUR (4") INCHES OF TOPSOIL, SEED, AND HAY MULCH UPON COMPLETION OF CONSTRUCTION.
- 6. SEE SHEET C-4.2 FOR EROSION CONTROL NOTES AND DETAILS.

SEDIMENT TRAP CALCULATIONS

NOTE

TEMPORARY SEDIMENT TRAPS HAVE BEEN SIZED TO PROVIDE A MINIMUM STORAGE VOLUME OF 134 CUBIC YARDS PER ACRE OF DRAINAGE ARE PER THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL

	CONTRIBUTING		CF
SEDIMENT TRAP	AREA	CY Required	Required
1	1.3 AC	179 CY	4,843 CF
TOTAL SEDIMENT TRAP STORAGE CAPACITY	4,843 CF		

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WILTON'S WAY

22 UNIT CONDOMINIUM DEVELOPMENT

245 NORWICH-NEW LONDON ROAD (RT 32)

MONTVILLE, CONNECTICUT

Job Number: FE22-1700

Job Start Date: 1/4/22

bmission	01/25/22
aff Comments	03/08/22

Drawn By: Checked By D.R.R. J.E.Q.

Sheet Title:

EROSION &

SEDIMENT

CONTROL PLAN

Scale: 1" = 20'

Sheet Number:

APPROVED BY THE MONTVILLE INLAND WETLAND COMMISSION

CHAIRMAN

DATE

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION

CHAIRMAN

DATE

EXPIRATION DATE

SEC PLAN APPROVAL DATE

ALL CONSTRUCTION ACTIVITIES INVOLVING THE REMOVAL OR DISTURBANCE OF SOILS ARE TO 1. SILTATION FENCE WILL BE INSTALLED AT ALL CULVERT OUTLETS IF CULVERT OUTLETS ARE BE PROVIDED WITH APPROPRIATE PROTECTIVE MEASURES TO MINIMIZE EROSION AND CONTAIN SEDIMENT DISPOSITION WITHIN THE AREA UNDER DEVELOPMENT. THE MINIMUM STANDARD FOR INDIVIDUAL MEASURES SHALL BE THOSE OUTLINED IN THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" 2002 EDITION AS AMENDED TO DATE. THOSE METHODS DEEMED MOST EFFECTIVE FOR THIS PROJECT ARE DESCRIBED

THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS MAY 2022 WITH COMPLETION ANTICIPATED BY DECEMBER 2022, APPROPRIATE EROSION CONTROL MEASURES AS DESCRIBED HEREIN, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL SITE CLEARING OR CONSTRUCTION ACTIVITY. SCHEDULE WORK TO MINIMIZE THE LENGTH OF TIME THAT BARE SOIL WILL BE EXPOSED.

CONSTRUCTION SEQUENCE

INSTALLATION OF SEDIMENT AND EROSION CONTROLS

- CLEARING AND GRUBBING OPERATIONS
- INSTALLATION OF DIVERSION BERMS AND SEDIMENT BASIN
- . STRIPPING AND STOCKPILING OF TOPSOIL ROUGH GRADING AND EASTERN WALL CONSTRUCTION AND BACKFILL IN CONJUNCTION WITH BASEMENT EXCAVATION.
- INSTALLATION OF LEVEL SPREADER
- FINAL FILL OPERATIONS IF SUBSOIL IMPORT IS REQUIRED
- 8. FOUNDATION / BUILDING CONSTRUCTION
- INSTALLATION OF SITE UTILITIES 10. INSTALLATION OF PAVEMENTS AND CURBING
- 11. INSTALLATION OF LANDSCAPE AND LIGHTING
- 12. SITE STABILIZATION 13. REMOVAL OF SEDIMENT AND EROSION CONTROLS AFTER APPROVAL BY TOWN

THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE AGENTS OF THE TOWN , INLAND WETLANDS COMMISSION AND/OR PROJECT ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

OPERATION REQUIREMENTS

CLEARING AND GRUBBING OPERATIONS

- ALL SEDIMENTATION AND EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION OF TEMPORARY SEDIMENTATION TRAPS WILL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING OPERATIONS.
- FOLLOWING INSTALLATION OF ALL SEDIMENTATION AND EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH GRADING, FILLING OR OTHER CONSTRUCTION OPERATIONS UNTIL THE ENGINEER HAS INSPECTED AND APPROVED ALL
- THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CLEARING AND GRUBBING OPERATIONS SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENTATION AND EROSION CONTROL DEVICES.
- FOLLOWING THE COMPLETION OF CLEARING AND GRUBBING OPERATIONS, ALL AREAS SHALL BE STABILIZED WITH TOPSOIL AND SEEDING OR PROCESSED AGGREGATE STONE AS SOON AS PRACTICAL.

ROUGH GRADING OPERATIONS:

- DURING THE REMOVAL AND/OR PLACEMENT OF EARTH AS INDICATED ON THE GRADING PLAN, TOPSOIL SHALL BE STRIPPED AND APPROPRIATELY STOCKPILED FOR REUSE.
- ALL STOCKPILED TOPSOIL SHALL BE SEEDED, MULCHED WITH HAY, AND ENCLOSED BY A SILTATION FENCE.
- IN REGARD TO THE ROCK CUT RETAINING WALL CONSTRUCTION, DURING SITE EXCAVATION AND GRADING, SHOULD LEDGE ROCK PRESENT ITSELF IN THE LOCATION OF 7. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (HAY BALES, THE REAR RETAINING WALL. ITS EXPOSURE AS FINISHED GRADE MAY BE PERMITTED BY STAFF APPROVAL INSTEAD OF SOME OR ALL THE MASONRY BLOCK RETAINING WALL, SUBJECT TO SUBMISSION AND ACCEPTANCE OF A CERTIFIED REPORT FROM A CONNECTICUT LICENSED GEO-TECHNICAL ENGINEER BEING PROVIDED VERIFYING THAT THE EXPOSED LEDGE ROCK IS STABLE ENOUGH TO SUPPORT THE SLOPE. SAID REPORT SHALL INCLUDE RELATED CONSTRUCTION DETAILS, AS WELL AS DETAILS OF HOW THE SOIL AT THE TOP OF THE EXPOSED SLOPE WILL BE CONTAINED AND MAINTAINED IN THE LONG TERM TO PREVENT EROSION.

FILLING OPERATIONS

- PRIOR TO FILLING, ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THIS PLAN.
- AS GENERAL GRADING OPERATIONS PROGRESS, ANY TEMPORARY DIVERSION DITCHES SHALL BE RAISED OR LOWERED, AS NECESSARY, TO DIVERT SURFACE RUNOFF TO THE SEDIMENT BASINS

FINAL GRADING AND PAVING OPERATIONS:

- 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 SEEDED, AND ANY ROAD OR DRIVEWAY SHOULDER AND BANKS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
- PAVEMENT SUB-BASE AND BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES AND STORM DRAINAGE SYSTEMS HAVE BEEN INSTALLED.
- AFTER CONSTRUCTION OF PAVEMENT, TOPSOIL, FINAL SEED, MULCH AND LANDSCAPING, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE TOWN, EASTERN CONNECTICUT SOILS CONSERVATION DISTRICT, INLAND WETLANDS COMMISSION.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

SILTATION FENCE:

- A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION. B. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
- C. LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
- D. BACKFILL THE TRENCH AND COMPACT.

OPERATION AND MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES SILTATION FENCE

- A. ALL SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
- B. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED 10 A HEIGHT OF ONE FOOT

SEDIMENT TRAPS

A. CONTRACTOR TO KEEP WEEKLY CHECKLIST LOGS FOR INSPECTIONS OF ALL SEDIMENT AND EROSION CONTROL DEVICES AND HAVE THEM READILY AVAILABLE ON-SITE AT ALL TIMES FOR INSPECTION BY CT DEEP, LOCAL AUTHORITIES OR ENGINEER.

B. ALL SEDIMENT BASINS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF

- SLOPES SHALL BE PROMPTLY MADE AS NEEDED. EROSION CONTROL BLANKETS MAY BE USED FOLLOWING REPAIR OF SLOPE AS DIRECTED BY THE ENGINEER. . SEDIMENT DEPOSITS SHALL BE REMOVED FROM SEDIMENT BASINS AND/OR SEDIMENT
- TRAPS WHEN THEY EXCEED A HEIGHT OF ONE FOOT UNLESS OTHERWISE INDICATED ON THE EROSION CONTROL PLANS AND DETAILS TO BE AT A SPECIFIC ELEVATION PER CLEAN OUT MARKERS.
- D. SEDIMENT SHALL BE DISPOSED OF ON-SITE OR AS DIRECTED BY THE ENGINEER AND LOCAL GOVERNING OFFICIALS. SEE SEDIMENT AND EROSION CONTROL NOTES HEREIN 22. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS REGARDING DISPOSAL REQUIREMENTS FOR OFF SITE SPOIL DISPOSAL.

A. ALL STONE CHECK DAMS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF STONE CHECK DAMS SHALL BE PROMPTLY MADE AND ACCUMULATED SEDIMENT REMOVED WHEN IT REACHES ONE HALF OF THE HEIGHT OF THE CHECK DAM.

IV. TEMPORARY/PERMANENT DRAINAGE SWALES:

A. SWALES SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OF ANY WASHED OUT OR ERODED SLOPES SHALL BE MADE PROMPTLY AND THE AREA SHALL BE

RE-SEEDED AS NECESSARY. B. EROSION CONTROL BLANKETS MAY BE USED TO REPAIR ERODED SWALES AS DIRECTED BY THE ENGINEER OR TOWN AGENT.

- **EROSION AND SEDIMENT CONTROL PLAN** APPLICABLE TO THIS PROJECT AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES. 2. CULVERT DISCHARGE AREAS WILL BE PROTECTED WITH RIP RAP CHANNELS; ENERGY
- DISSIPATERS WILL BE INSTALLED AS SHOWN ON THESE PLANS AND AS NECESSARY. 3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CONNECTICUT GUIDELINES FOR SOIL
- 4. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO

EROSION AND SEDIMENT CONTROL MANUAL, LATEST EDITION.

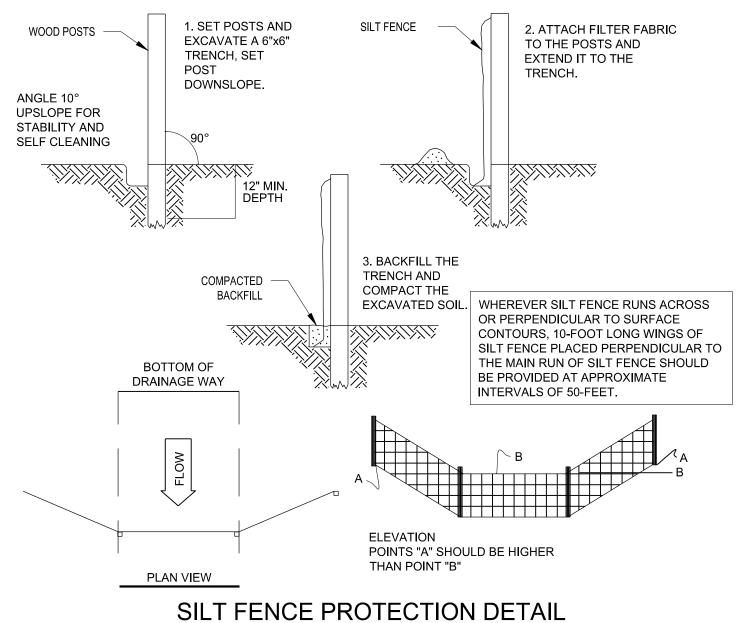
- CONSTRUCTION WHENEVER POSSIBLE
- 5. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. 6. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD,
- IF NECESSARY OR REQUIRED OR AS DIRECTED BY THE CIVIL ENGINEER OR BY LOCAL GOVERNING OFFICIALS. 7. SEDIMENT REMOVED FROM EROSION CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT AND REQUIREMENTS OF THE EROSION
- 8. THE OWNER IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE

CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN. SEDIMENT AND EROSION CONTROL NOTES

CONTROL PLANS, NOTES, AND DETAILS.

- 1. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN, THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF EROSION 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.
- AN EROSION CONTROL BOND MAY BE REQUIRED TO BE POSTED WITH THE TOWN TO ENSURE IMPLEMENTATION OF THE EROSION CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE POSTING OF THIS BOND AND FOR INQUIRIES TO THE TOWN FOR INFORMATION ON THE METHOD, TYPE AND AMOUNT OF THE BOND POSTING UNLESS OTHERWISE DIRECTED BY THE OWNER.
- VISUAL SITE INSPECTIONS SHALL BE CONDUCTED WEEKLY, AND AFTER EACH MEASURABLE PRECIPITATION EVENT OF 0.10 INCHES OR GREATER BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL, TO ASCERTAIN THAT THE EROSION AND SEDIMENT CONTROL (E&S) BMPS ARE OPERATIONAL AND EFFECTIVE IN PREVENTING POLLUTION. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT, AND INCLUDE:
- A) A SUMMARY OF THE SITE CONDITIONS, E&S BMPS, AND COMPLIANCE; AND
- B) THE DATE, TIME, AND THE NAME OF THE PERSON CONDUCTING THE INSPECTION
- THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, PREPARED BY CTDEEP, LATEST EDITION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN. THE CONTRACTOR SHALL KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.
- ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, CIVIL ENGINEER, THE TOWN, EASTERN CONNECTICUT SOILS CONSERVATION DISTRICT, INLAND WETLANDS COMMISSION, OR GOVERNING AGENCIES. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED.
- THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS BEFORE AND AFTER EACH STORM (0.10 INCHES OR GREATER RAINFALL), OR AT LEAST WEEKLY, TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS WHERE
- SILT FENCE, JUTE MESH,RIP RAP ETC.) ON-SITE FOR MAINTENANCE AND EMERGENCY
- INSTALL PERIMETER SEDIMENT CONTROLS PRIOR TO CLEARING OR CONSTRUCTION. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE (LOD), WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SILT FENCE UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE FENCE.
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALI EARTH STOCKPILES SHALL HAVE HAY BALES OR SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDED IF PILE IS TO REMAIN IN PLACE FOR MORE THAN 7
- 10. SEDIMENTATION TRAPS SHALL PROVIDE 134 CUBIC YARDS OF SEDIMENT STORAGE PER DISTURBED ACRE CONTRIBUTING TO THE TRAP. PROVIDE TRAP VOLUMES FOR ALL DISTURBANCE ON SITE.
- 11. 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.
- 12. SILT FENCE AND OTHER SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CONTRACT DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS PRIOR TO WORK IN ANY UPLAND AREAS.
- 13. EXCAVATED MATERIAL FROM TEMPORARY SILT TRAPS MUST BE STOCKPILED ON UPHILL SIDE OF SILT FENCE.
- 14. INSTALL SILT FENCE ACCORDING TO MANUFACTURER'S INSTRUCTION, PARTICULARLY, BURY LOWER EDGE OF FABRIC INTO GROUND. SILT FENCE SHALL BE MIRAFI ENVIROFENCE, AMOCO SILT STOP OR EQUIVALENT APPROVED BY THE CIVIL ENGINEER, FILTER FABRIC USED SHALL BE MIRAFI 100X OR EQUIVALENT. SEE SPECIFICATIONS FOR FURTHER
- 15. WHERE INDICATED ON EROSION CONTROL PLANS USE NEW HAY BALES AND REPLACE THEM WHENEVER THEIR CONDITION DETERIORATES BEYOND REASONABLE USABILITY. STAKE HAY BALES SECURELY INTO GROUND AND BUTT TIGHTLY TOGETHER TO PREVENT UNDERCUTTING AND BYPASSING.
- 16. INSTALL TEMPORARY DIVERSION DITCHES, PLUNGE POOLS, SEDIMENT TRAPS, 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 WILL REQUIRE REVIEW AND APPROVAL BY THE CIVIL ENGINEER AND GOVERNING OFFICIAL.
- 17. BLOCK THE OPEN UPSTREAM ENDS OF DETENTION BASIN/SEDIMENTATION BASIN OUTLET CONTROL ORIFICE UNTIL SITE IS STABILIZED. CONVERT TEMPORARY SEDIMENT BASINS TO PERMANENT DETENTION BASINS ONCE SITE HAS BEEN STABILIZED. CLEAN OUTLET CONTROL STRUCTURES AS NECESSARY AND REMOVE ACCUMULATED SEDIMENT FROM BOTTOM OF BASIN. BLOCK END OF STORM SEWERS IN EXPOSED TRENCHES WITH BOARDS AND SANDBAGS AT THE END OF EACH WORKING DAY WHEN RAIN IS EXPECTED.
- 8. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. OTHER DUST CONTROL MEASURES TO BE USED AS NECESSARY INCLUDE WATERING DOWN DISTURBED AREAS, USING CALCIUM CHLORIDE, AND COVERING LOADS ON DUMP TRUCKS.
- 19. PERIODICALLY CHECK ACCUMULATED SEDIMENT LEVELS IN THE SEDIMENT TRAPS DURING CONSTRUCTION AND CLEAN ACCUMULATED SILT WHEN NECESSARY OR WHEN ONE FOOT OF SEDIMENT HAS ACCUMULATED OR PER SPECIFIC CLEANOUT MARKER ELEVATION. REMOVE ACCUMULATED SEDIMENT FROM BEHIND SILT FENCE WHEN LEVEL REACHES HALF THE HEIGHT OF THE HAY BALE OR ONE FOOT AT SILT FENCE. DISPOSE OF SEDIMENT LEGALLY EITHER ON OR OFF SITE.
- 20. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION. THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES (BMP) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF UTILITY AND STORM PIPE TRENCHES SO AS TO ALLOW THE TRENCH TO INTERCEPT ALL SILT LADEN RUNOFF.
- A MINIMUM OF 70% UNIFORM PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING OR OTHER MOVEMENTS
- 23. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD, UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS WHEN AUTHORIZED BY LOCAL GOVERNING AUTHORITY, FILE NOT (NOTICE OF TERMINATION) WITH GOVERNING AUTHORITY RESPONSIBLE FOR REGULATING STORM WATER DISCHARGES

FROM CONSTRUCTION ACTIVITIES PER NPDES.



SCALE: NTS

UPSTREAM BERM SHOULD BE EQUAL TO THE

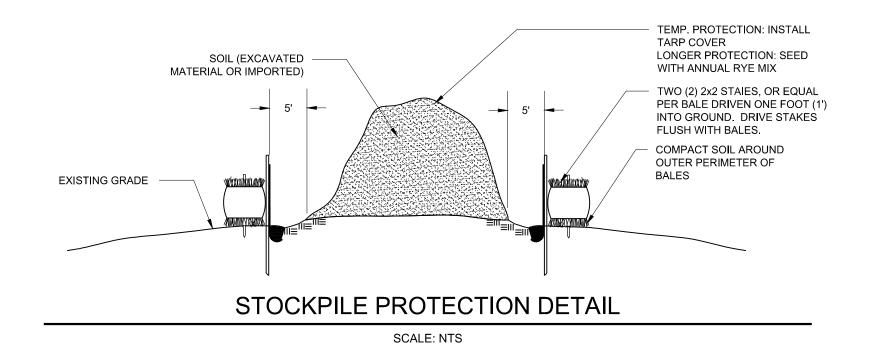
1" REBAR FOR BAG REMOVAL FROM INLET EXPANSION RESTRAINT 1/4" NYLON ROPE SILT SACK -2"x2"x3/4" RUBBER BLOCK NOTE: REGULAR FLOW = 40 GAL./MIN./SF HIGH FLOW = 200 GAL./MIN./SF

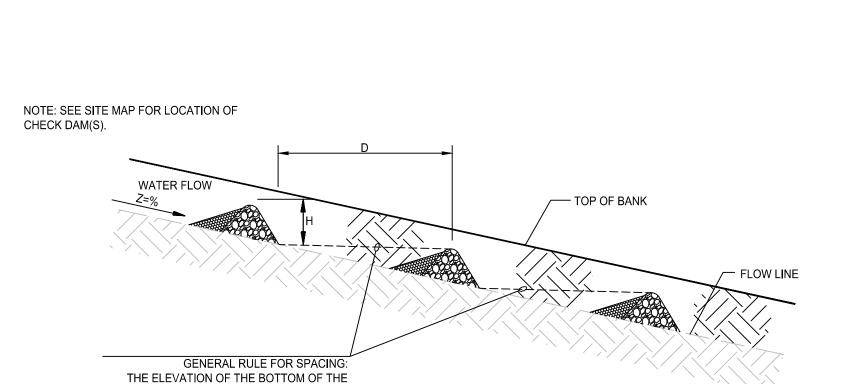
SILT SACK INLET PROTECTION DETAIL

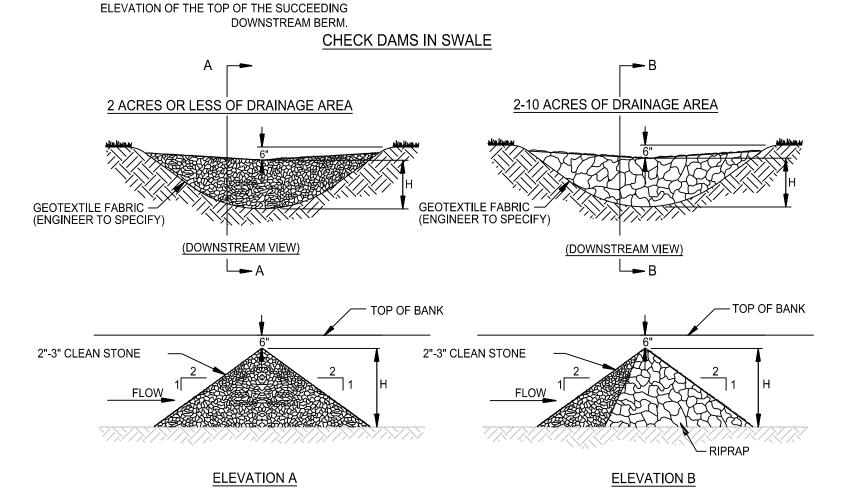
SCALE: NTS

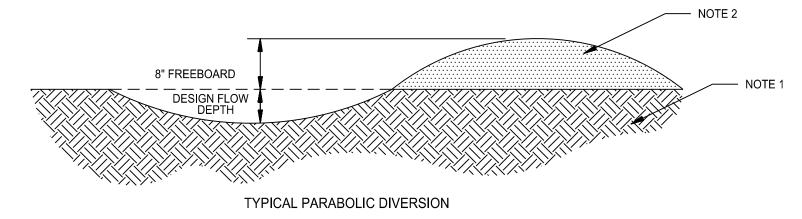
GRADATION TABLE C - 33'CRUSHED GRAVEL SQUARE MESH SIEVES % FINER % FINER 100 90-100 2 1/2 INCHES 95-100 35 - 702 INCHES 1 1/2 INCHES 35 - 700 - 151 1/4 INCHES 0 - 251 INCHES 0 - 10---3/4 INCHES 0 - 5____ 1/2 INCHES 3/8 INCHES ____ ____ SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE STORRS, CONNECTICUT.

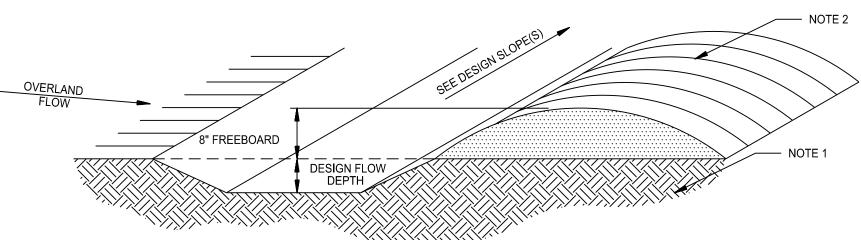
TYP ANTI TRACKING APRON DETAIL SCALE: N.T.S.

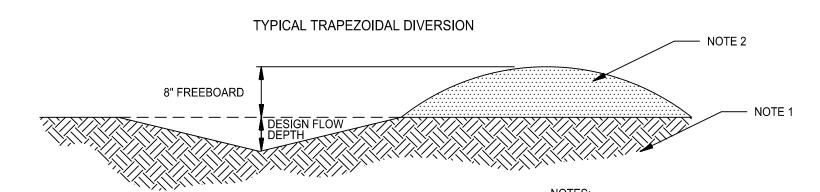












TYPICAL VEE-SHAPED DIVERSION

1. REMOVE ANY EXISTING VEGETATION AND SCARIFY OR BENCH ADJACENT SOILS PRIOR TO PLACING BERM. 2. BERM MATERIALS MUST BE ADEQUATELY COMPACTED AND STABILIZED. 3. REFER TO E&S PHASE I & II FOR TEMPORARY AND/OR FINAL STABILIZATION MEASURES.

4. BERM SHALL NOT BE CONSTRUCTED OF TOPSOIL.

APPROVED BY THE MONTVILLE INLAND WETLAND COMMISSION

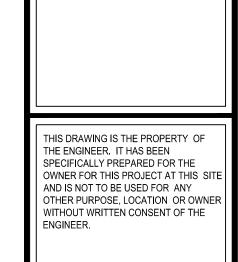
APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSIO

EXPIRATION DATE

SEC PLAN APPROVAL DATE

DIVERSION BERM DETAIL

SCALE: NTS



C - 33

% FINER

90-100

35 - 70

0 - 15

0 - 5



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CONDOMINIU ORWICH-NEW LON MONTVILLE, CON <u>N</u> 22

Job Number: FE22-1700

Job Start Date: 1/4/22

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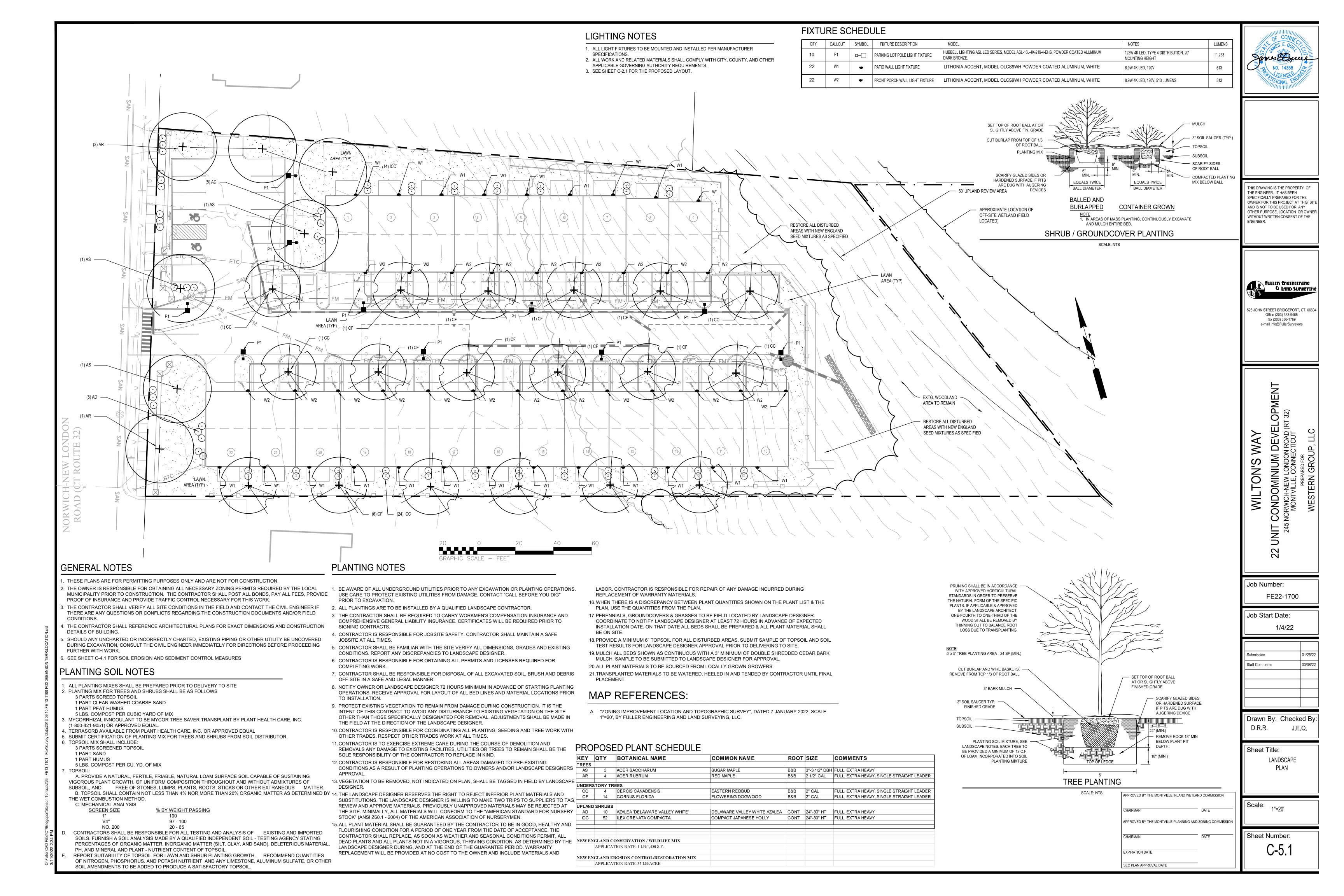
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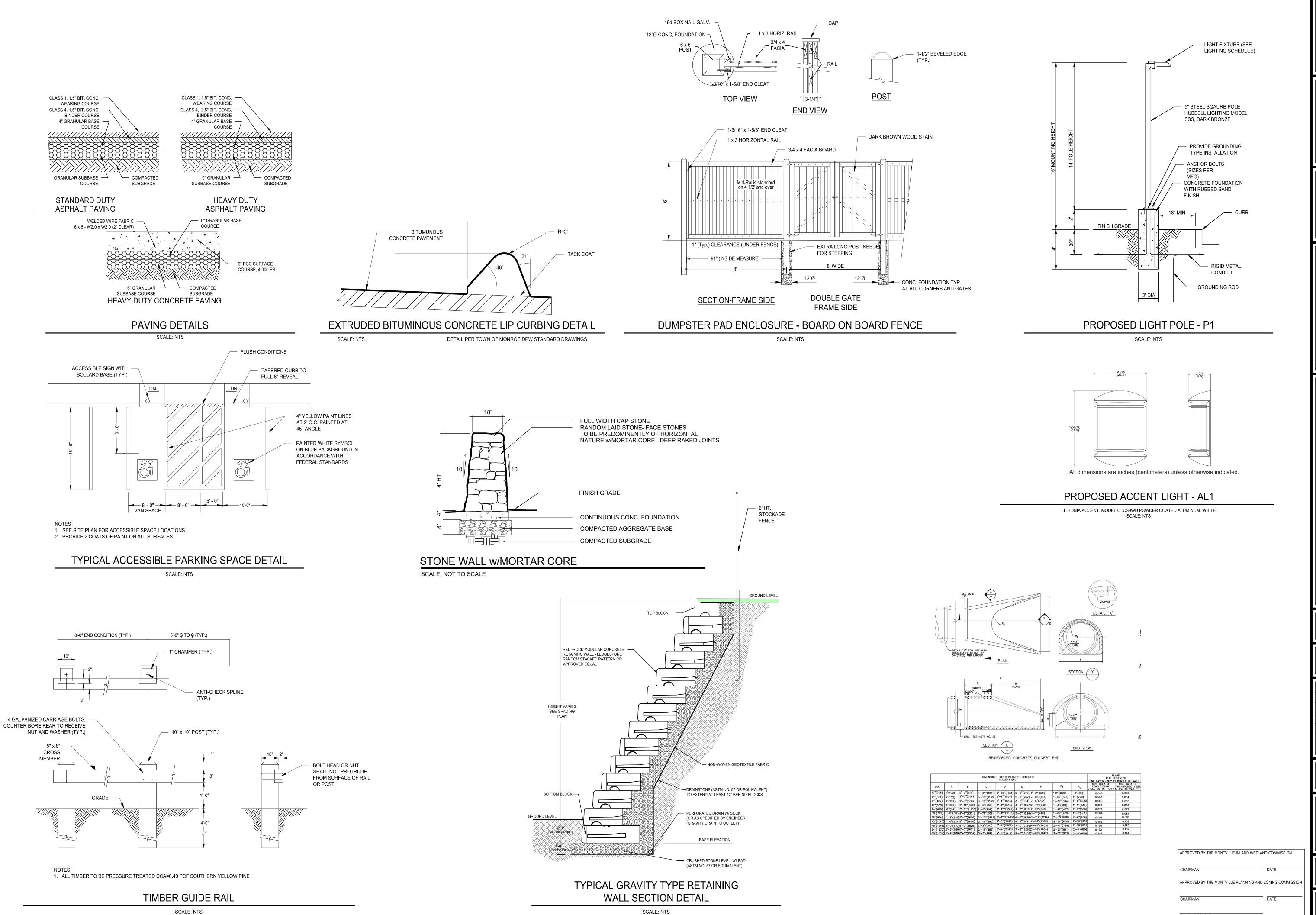
Sheet Title: EROSION & SEDIMEN **CONTROL NOTES** & DETAILS

Sheet Number:

SCALE: NTS

STONE CHECK DAM DETAIL





NO. 14358

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245 NORWICH-NEW LONDON ROAD (RT 32)
MONTVILLE, CONNECTICUT
PREPARED FOR

Job Number: FE22-1700

Job Start Date: 1/4/22

Submission 01/25/22
Staff Comments 03/08/22

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Sheet Title:

DETAIL SHEET

Scale:

EXPIRATION DATE

SEC PLAN APPROVAL DATE

Sheet Number:

C-6.1