

S I T E D E V E L O P M E N T P L A N S
P R O P O S E D D A Y C A R E F A C I L I T Y

"PLAY LAUGH N GROW CHILDCARE AND PRESCHOOL"

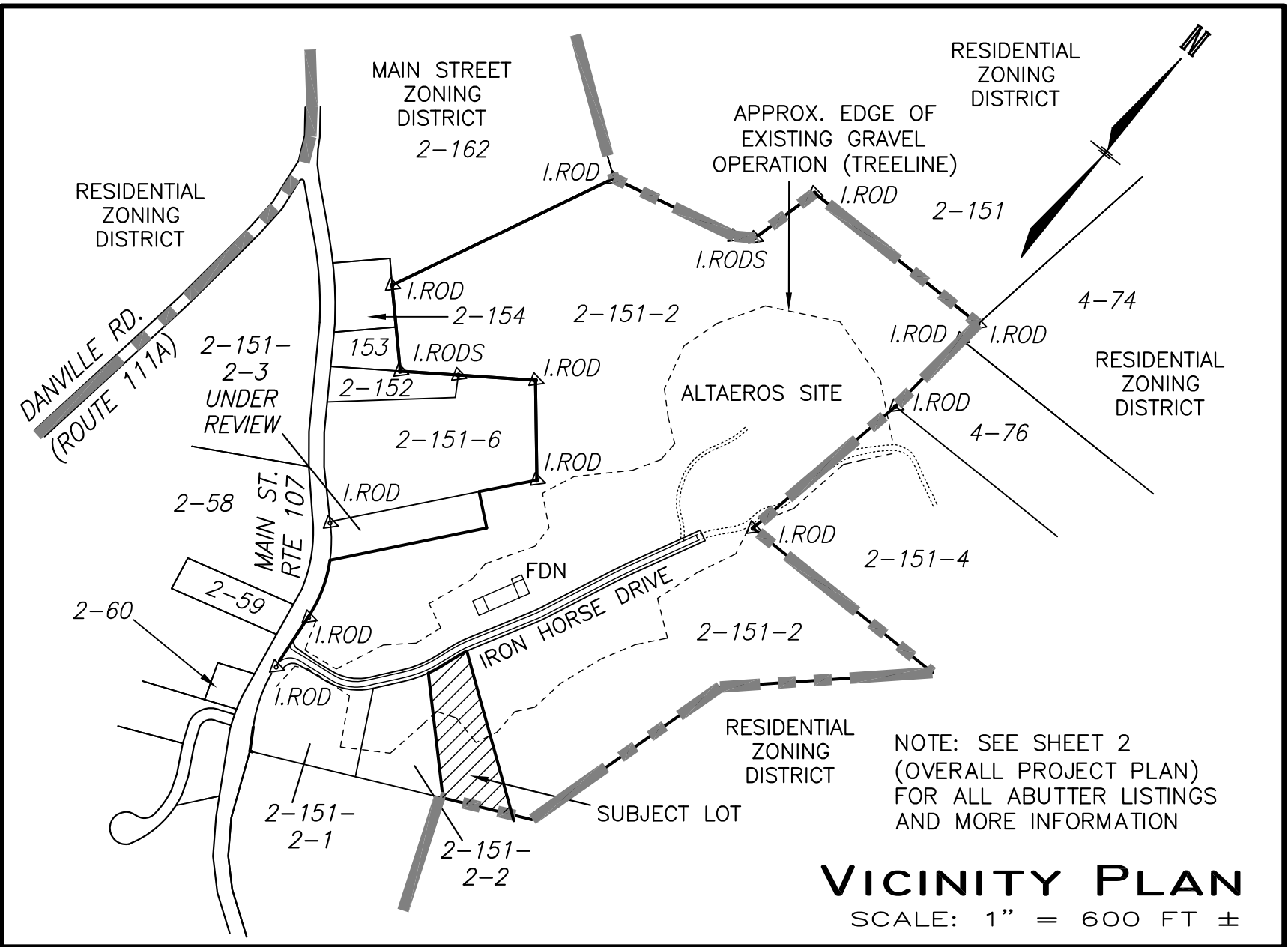
9 ESSEX DRIVE, RAYMOND, NH 03077

LOCATED AT

IRON HORSE DRIVE
FREMONT, NEW HAMPSHIRE

S Y M B O L S L E G E N D

	10 FT CONTOUR		DRILL HOLE
	2 FT CONTOUR		IRON PIN OR PIPE
	STONE WALL		BOUND
	PROPOSED DITCH		STONE RIP RAP
	EXISTING DITCH		PROP. UTILITIES
	WETLAND		PROP. WATER CONNECTION
	PROP. DRAIN LINE		BASIN BERM
	TEST PIT		SILT FENCE OR MULCH SOCK
	PERC TEST		STONE CHECK DAM
	OVERHEAD WIRES		SPOT ELEVATION
	BUILDING SETBACK LINE OR BUFFER		PROP. WELL
	(T.B.R.) TO BE REMOVED		FLOW DIRECTION
	PROPOSED TREELINE		

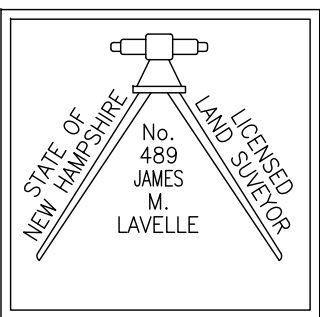


L I S T O F D R A W I N G S

SHEET TITLE	SHEET NUMBER
COVER SHEET	1
EXISTING CONDITIONS PLAN	2
SITE LAYOUT AND DIMENSIONAL PLAN	3
GRADING DRAINAGE UTILITY AND EROSION CONTROL PLAN	4
LANDSCAPE AND LIGHTING PLAN	5
CONSTRUCTION DETAILS	6-8
SEPTIC SYSTEM DESIGN PLAN	9

- N O T E :**
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF FREMONT REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
 - SEE NHDES SUBSURFACE SEPTIC APPROVAL NUMBER PENDING.

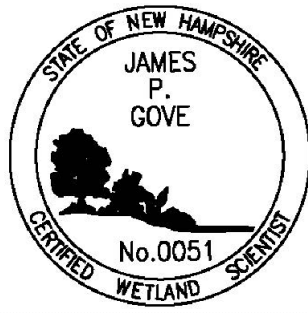
LAND SURVEY PREPARED BY:



JAMES M. LAVELLE ASSOCIATES
2 STARWOOD DRIVE
HAMPSHIRE, NH 03841
TEL: (603) 329-6851
E-MAIL: INFO@JMLASURVEY.COM

CERTIFIED WETLAND SCIENTIST:
JAMES P. GOVE (CWS 051)
GOVE ENVIRONMENTAL SERVICES, INC.
8 CONTINENTAL DRIVE, EXETER, NH 03833
TEL: (603) 580-4121

WETLAND LOCATIONS WERE PERFORMED AND/OR VERIFIED BY GOVE ENVIRONMENTAL SERVICES, INC. PERFORMED IN LATE 2017



OWNER AND APPLICANT:
PLAY LAUGH N GROW CHILDCARE AND PRESCHOOL
9 ESSEX DRIVE
RAYMOND, NH 03077

APPROVAL BY THE FREMONT PLANNING BOARD

CHAIRMAN	DATE
SECRETARY	DATE

R E V I S I O N S

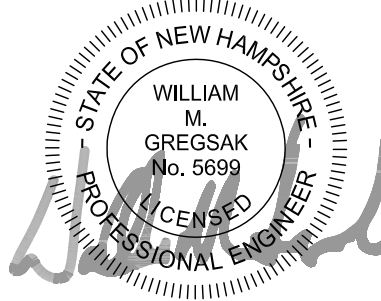
NO.	DESCRIPTION	DATE

AUGUST 1, 2023



CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. THE ENGINEERS MAKE NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-800-DIG-SAFE.



GREGSAK & SONS, INC.



ENGINEERING, ARCHITECTURE
& CONSTRUCTION MANAGEMENT

P.O. BOX 271
CHESTER, NEW HAMPSHIRE 03036
PH: (603) 887-6979
WWW.GREGSAK.COM


SHEET 1 OF 9

JN 3208

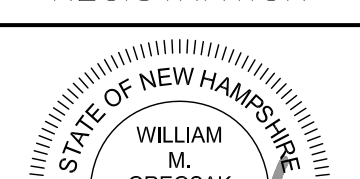
- | | | | | | | | | | |
|--|--|-------------------|-------------|---------------------|--|--|--|---|---|
| | | R E V I S I O N S | | EXISTING CONDITIONS | | PREPARED FOR:
OWNER:


PLAY LAUGH N GROW
CHILDCARE & PRESCHOOL, LLC
9 ESSEX DRIVE
RAYMOND, NH 03077

603-235-2667 | PREPARED BY DESIGN ENGINEER

GREGSAK & SONS, INC.

ENGINEERING, ARCHITECTURE
& CONSTRUCTION MANAGEMENT

P.O. BOX 271
CHESTER, NEW HAMPSHIRE 03036
PH: (603) 887-6979
WWW.GREGSAK.COM | REGISTRATION

 | AUG. 1, 2023

SCALE

1"=30'
SHEET 2
OF 9
JOB # 3208 |
| | | NO. | DESCRIPTION | DATE | TAX MAP 2 - LOT 151-4

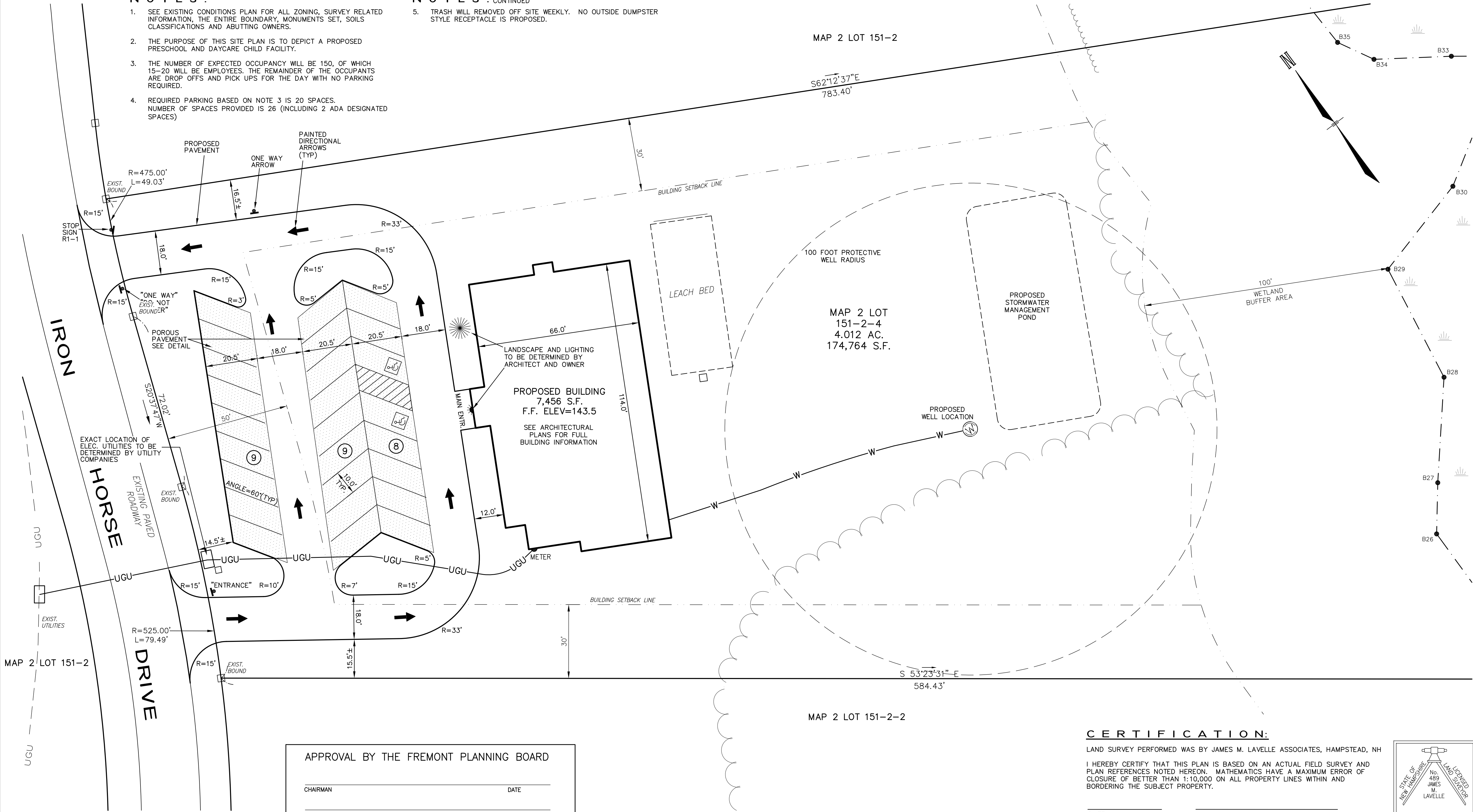
PROPOSED DAYCARE FACILITY
IRON HORSE PARK
662 MAIN STREET
FREMONT, NEW HAMPSHIRE | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NOTES :

1. SEE EXISTING CONDITIONS PLAN FOR ALL ZONING, SURVEY RELATED INFORMATION, THE ENTIRE BOUNDARY, MONUMENTS SET, SOILS CLASSIFICATIONS AND ABUTTING OWNERS.
2. THE PURPOSE OF THIS SITE PLAN IS TO DEPICT A PROPOSED PRESCHOOL AND DAYCARE CHILD FACILITY.
3. THE NUMBER OF EXPECTED OCCUPANCY WILL BE 150, OF WHICH 15-20 WILL BE EMPLOYEES. THE REMAINDER OF THE OCCUPANTS ARE DROP OFFS AND PICK UPS FOR THE DAY WITH NO PARKING REQUIRED.
4. REQUIRED PARKING BASED ON NOTE 3 IS 20 SPACES. NUMBER OF SPACES PROVIDED IS 26 (INCLUDING 2 ADA DESIGNATED SPACES)

NOTES : CONTINUED

5. TRASH WILL REMOVED OFF SITE WEEKLY. NO OUTSIDE DUMPSTER STYLE RECEPTACLE IS PROPOSED.



APPROVAL BY THE FREMONT PLANNING BOARD

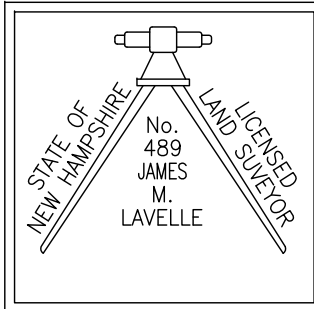
CHAIRMAN _____ DATE _____
SECRETARY _____ DATE _____

CERTIFICATION:

LAND SURVEY PERFORMED WAS BY JAMES M. LAVELLE ASSOCIATES, HAMPSTEAD, NH

I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY AND PLAN REFERENCES NOTED HEREON. MATHEMATICS HAVE A MAXIMUM ERROR OF CLOSURE OF BETTER THAN 1:10,000 ON ALL PROPERTY LINES WITHIN AND BORDERING THE SUBJECT PROPERTY.

DATE _____ LICENSED LAND SURVEYOR



REVISIONS

NO.	DESCRIPTION	DATE

SITE AND DIMENSIONAL PLAN

TAX MAP 2 - LOT 151-4
PROPOSED DAYCARE FACILITY
IRON HORSE PARK
662 MAIN STREET
FREMONT, NEW HAMPSHIRE

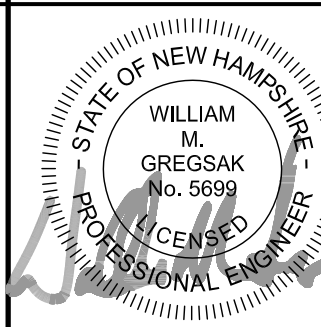
PREPARED FOR:
OWNER:

PLAY LAUGH N GROW
CHILDCARE & PRESCHOOL, LLC
9 ESSEX DRIVE
RAYMOND, NH 03077
603-235-2667

PREPARED BY DESIGN ENGINEER

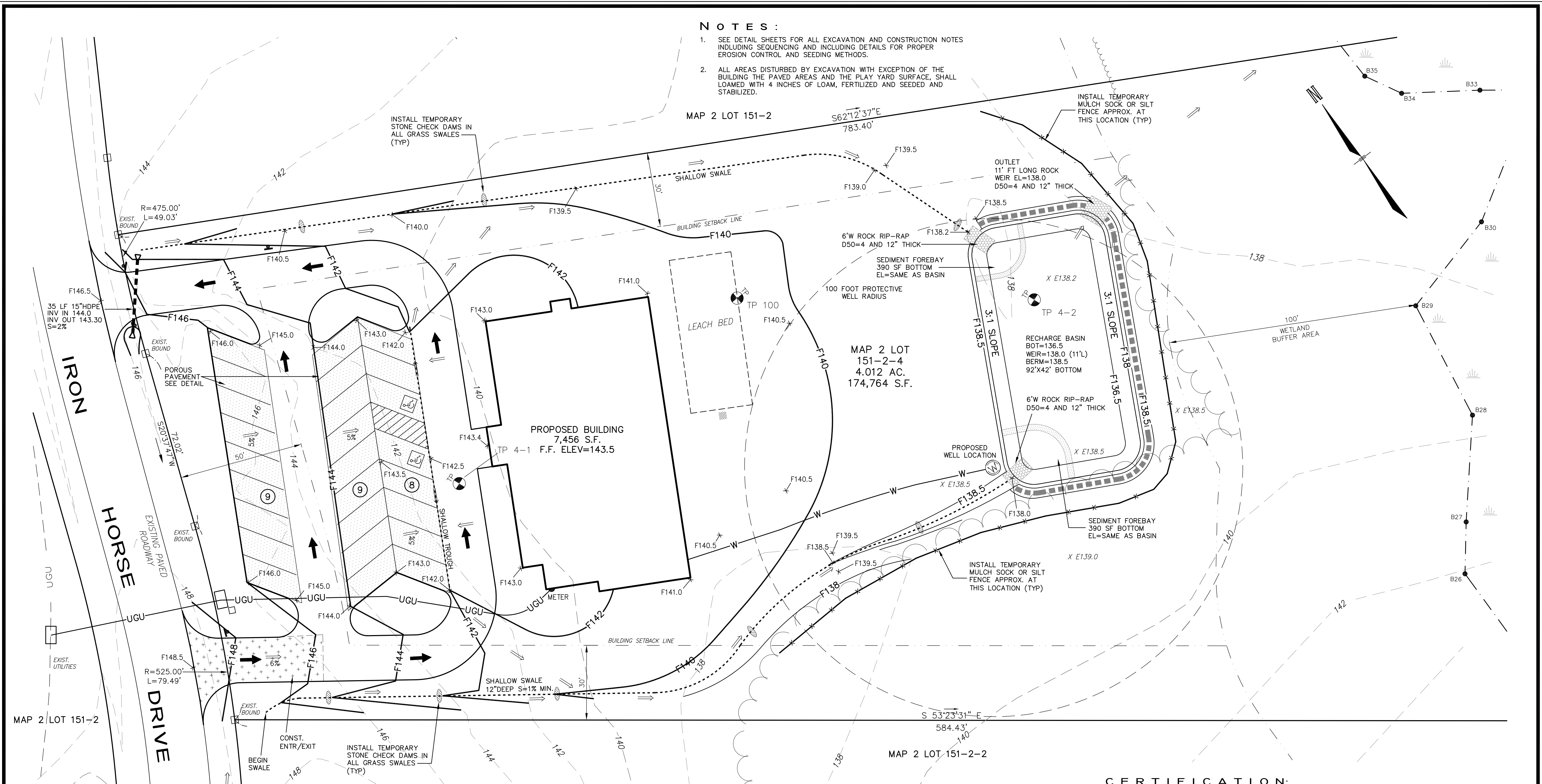
GREGSAK & SONS, INC.
ENGINEERING, ARCHITECTURE
& CONSTRUCTION MANAGEMENT
P.O. BOX 271
CHESTER, NEW HAMPSHIRE 03036
PH: (603) 887-6979
WWW.GREGSAK.COM

REGISTRATION



AUG. 1, 2023

SCALE
1"=20'
SHEET 3 OF 9
JOB # 3208



- NOTES :**
- 1. SEE DETAIL SHEETS FOR ALL EXCAVATION AND CONSTRUCTION NOTES INCLUDING SEQUENCING AND INCLUDING DETAILS FOR PROPER EROSION CONTROL AND SEEDING METHODS.
 - 2. ALL AREAS DISTURBED BY EXCAVATION WITH EXCEPTION OF THE BUILDING THE PAVED AREAS AND THE PLAY YARD SURFACE, SHALL LOAMED WITH 4 INCHES OF LOAM, FERTILIZED AND SEEDED AND STABILIZED.

APPROVAL BY THE FREMONT PLANNING BOARD

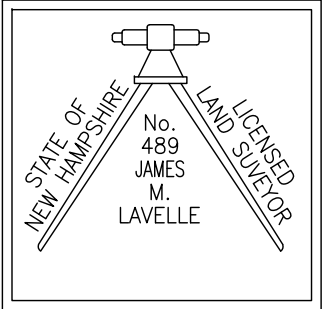
CHAIRMAN	DATE
SECRETARY	DATE

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LAND SURVEY PERFORMED WAS BY JAMES M. LAVELLE ASSOCIATES, HAMPSTEAD, NH

I HEREBY CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY AND PLAN REFERENCES NOTED HEREON. MATHEMATICS HAVE A MAXIMUM ERROR OF CLOSURE OF BETTER THAN 1:10,000 ON ALL PROPERTY LINES WITHIN AND BORDERING THE SUBJECT PROPERTY.

DATE _____ LICENSED LAND SURVEYOR



REVISIONS		
NO.	DESCRIPTION	DATE

GRADING DRAINAGE UTILITY AND EROSION CONTROL PLAN

TAX MAP 2 - LOT 151-4

PROPOSED DAYCARE FACILITY
IRON HORSE PARK
662 MAIN STREET
FREMONT, NEW HAMPSHIRE

PREPARED FOR:
OWNER:

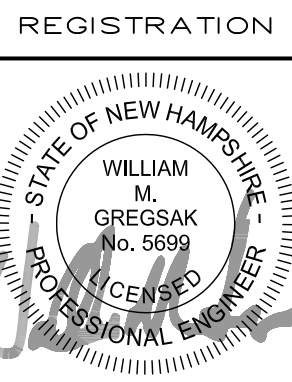
PLAY LAUGH N GROW
CHILDCARE & PRESCHOOL, LLC
9 ESSEX DRIVE
RAYMOND, NH 03077

603-235-2667

PREPARED BY DESIGN ENGINEER

GREGSAK & SONS, INC.
ENGINEERING, ARCHITECTURE
& CONSTRUCTION MANAGEMENT

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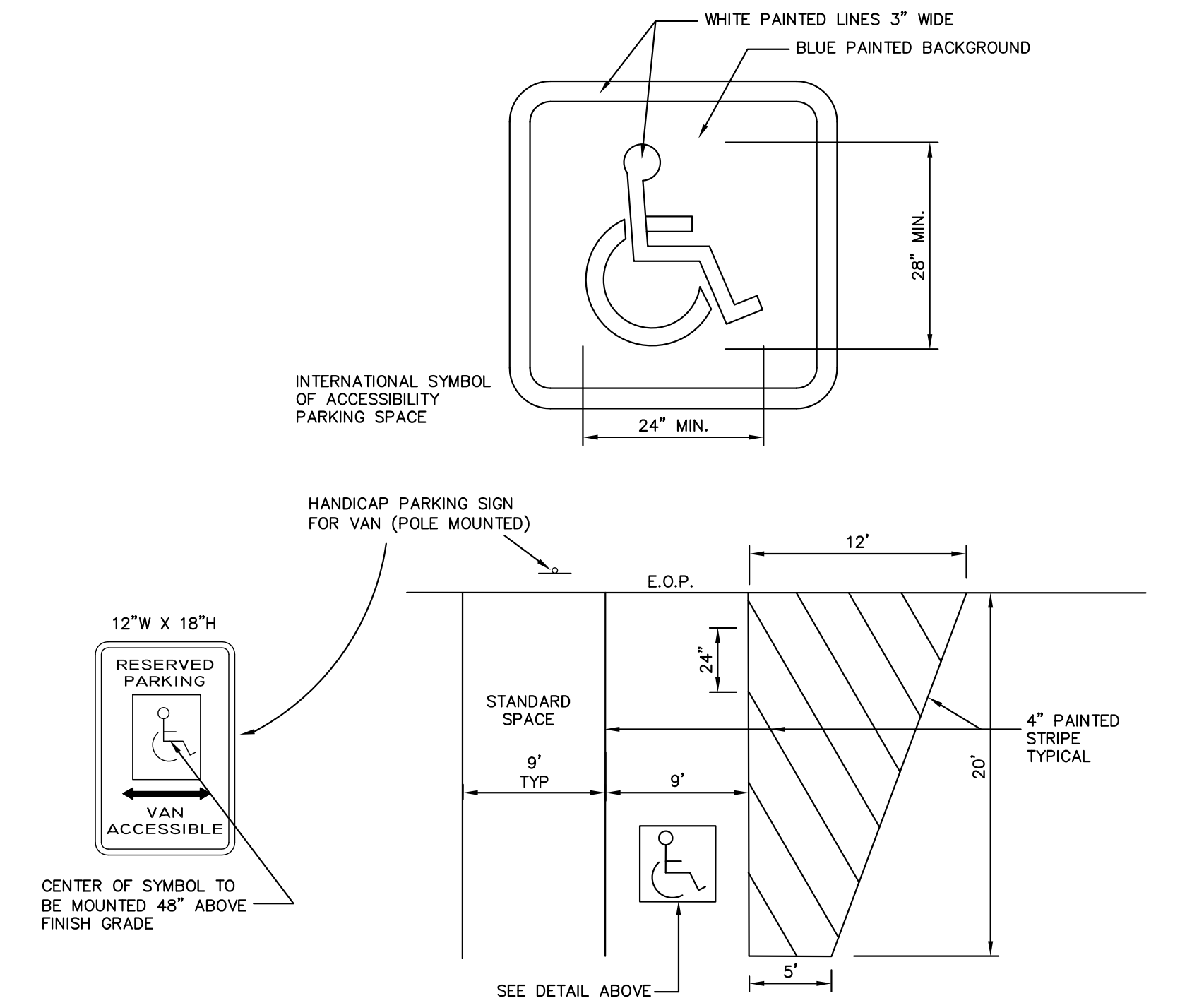
AUG. 1, 2023

SCALE

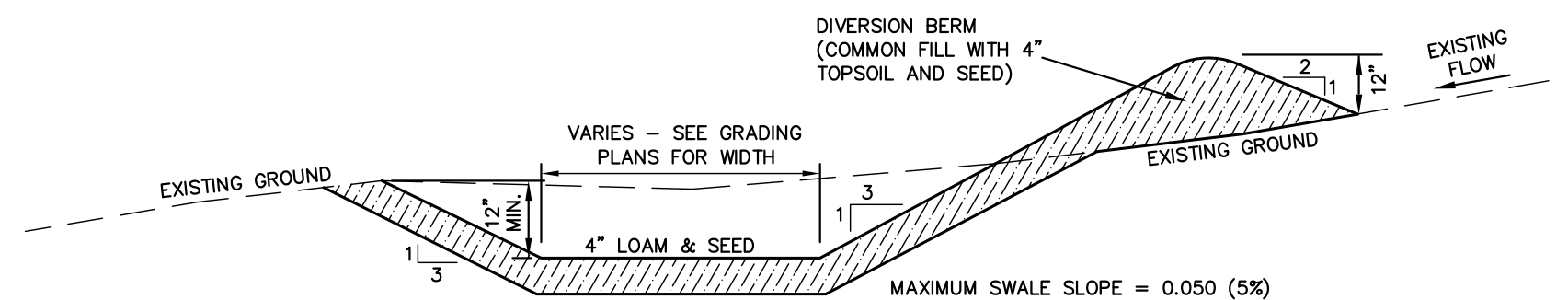
1"=20'

SHEET 4
OF 9

JOB # 3208



HANDICAP STRIPING AND SIGN DETAIL
NOT TO SCALE



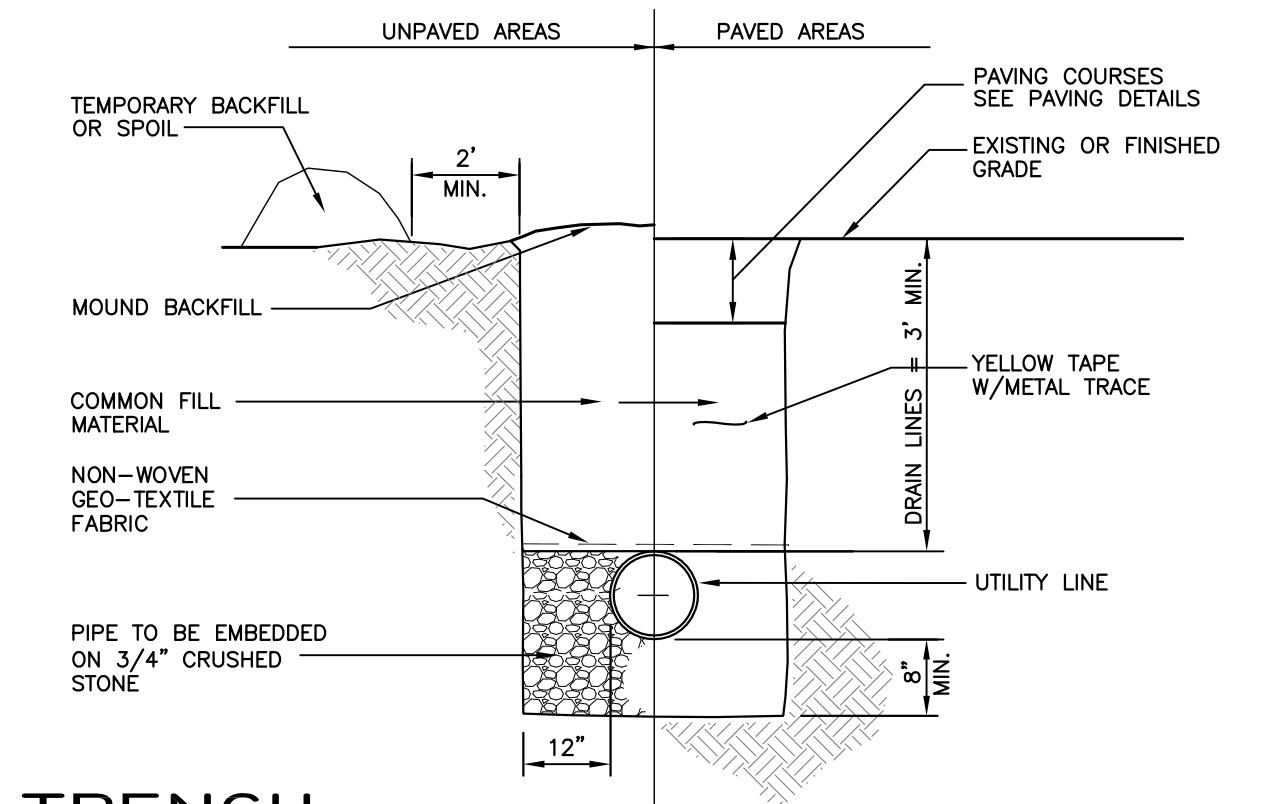
CONSTRUCTION NOTES

1. THE FOUNDATION AREA OF THE WATERWAY SHALL BE CLEARED AND GRUBBED OF ALL TREES, BRUSH, STUMPS AND OTHER OBJECTIONABLE MATERIAL. MATERIALS REMOVED SHALL BE DISPOSED OF SO THEY DO NOT INTERFERE WITH THE CONSTRUCTION OR PROPER FUNCTION OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE DESIGN CRITERIA. THE WATERWAY SHALL BE FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. EARTH FILLS REQUIRED TO MEET SUBGRADE REQUIREMENTS BECAUSE OF OVER EXCAVATION OR TOPOGRAPHY SHALL BE COMPACTED TO THE SAME DENSITY AS THE SURROUNDING SOIL TO PREVENT UNEQUAL SETTLEMENT THAT COULD CAUSE DAMAGE TO THE COMPLETED WATERWAY. EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER AS TO MINIMIZE EROSION AND AIR AND WATER POLLUTION. ALL APPROPRIATE STATE AND LOCAL LAWS AND REGULATIONS SHALL BE COMPLIED WITH FOR DESIGN AND INSTALLATION.
5. THE WATERWAY SHALL BE STABILIZED USING THE APPROPRIATE "BEST MANAGEMENT PRACTICES" FOR VEGETATIVE MEASURES.

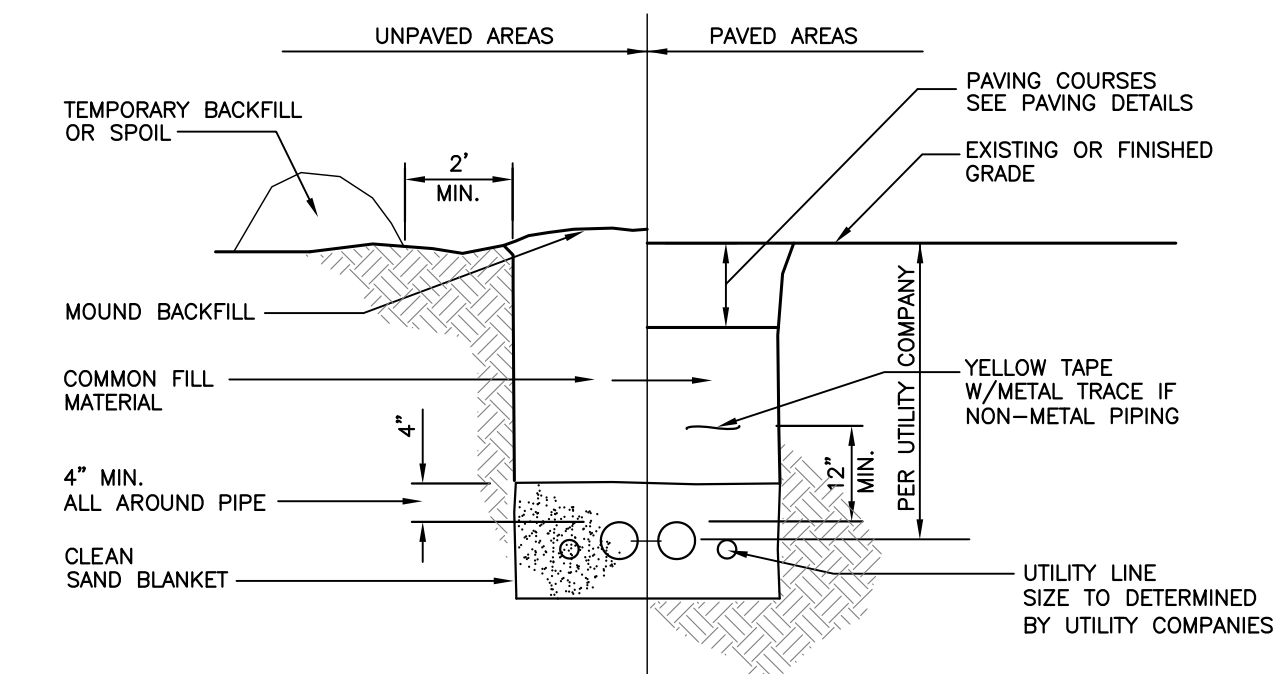
MAINTENANCE

MAINTENANCE OF THE VEGETATION IN THE GRASSED WATERWAY IS EXTREMELY IMPORTANT IN ORDER TO PREVENT RILLING, EROSION AND FAILURE OF THE WATERWAY. MOWING SHOULD BE DONE FREQUENTLY ENOUGH TO KEEP THE VEGETATION IN VIGOROUS CONDITION AND TO CONTROL ENROACHMENT OF WEEDS AND WOODY VEGETATION. HOWEVER IT SHOULD NOT BE MOWED TO CLOSELY AS TO REDUCE EROSION RESISTANCE IN THE WATERWAY. THE WATERWAY SHOULD BE INSPECTED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE THE CONDITION OF THE SWALE. RILLS AND DAMAGED AREAS SHOULD BE PROMPTLY REPAIRED AND RE-VEGETATED AS NECESSARY TO PREVENT FURTHER DETERIORATION. FERTILIZE ON AN "AS-NEEDED" BASIS TO KEEP THE GRASS HEALTHY.

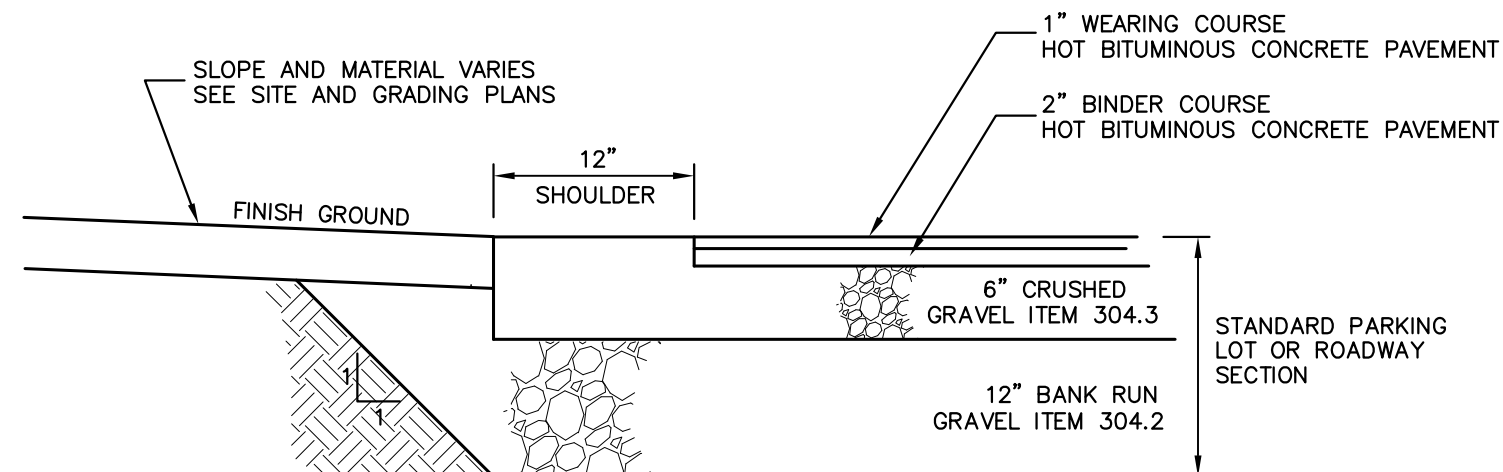
GRASS LINED TREATMENT SWALE
WITH UPSLOPE DIVERSION BERM
NOT TO SCALE



TRENCH
FOR DRAIN LINES
NOT TO SCALE

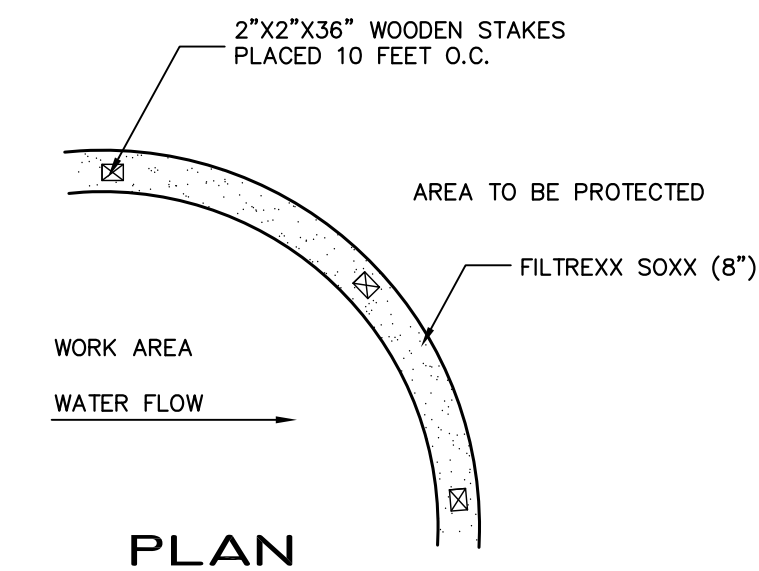
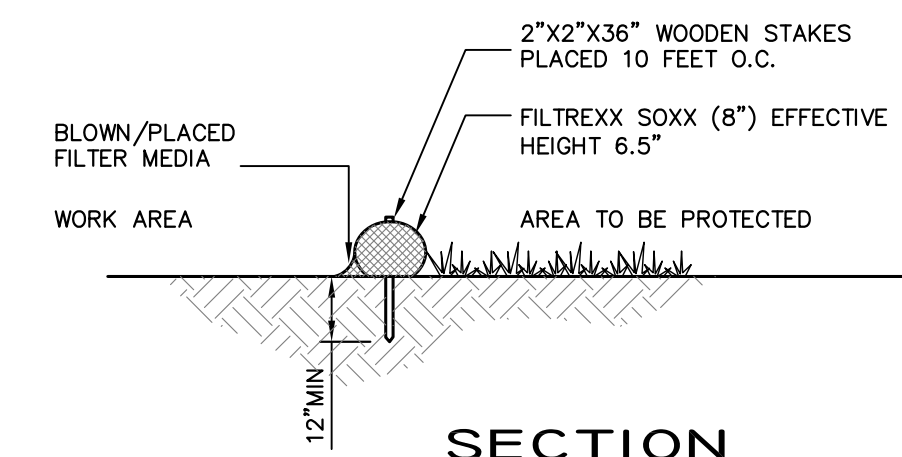


UTILITY TRENCH DETAIL
NOT TO SCALE



NOTE:
IF THERE ARE AREAS OF HEAVY TRUCK TRAFFIC IT IS RECOMMENDED THAT LARGE THICKNESSES FOR BOTH CRUSHED GRAVEL AND BANK RUN GRAVEL ARE USED.

TYPICAL PARKING LOT
NOT TO SCALE



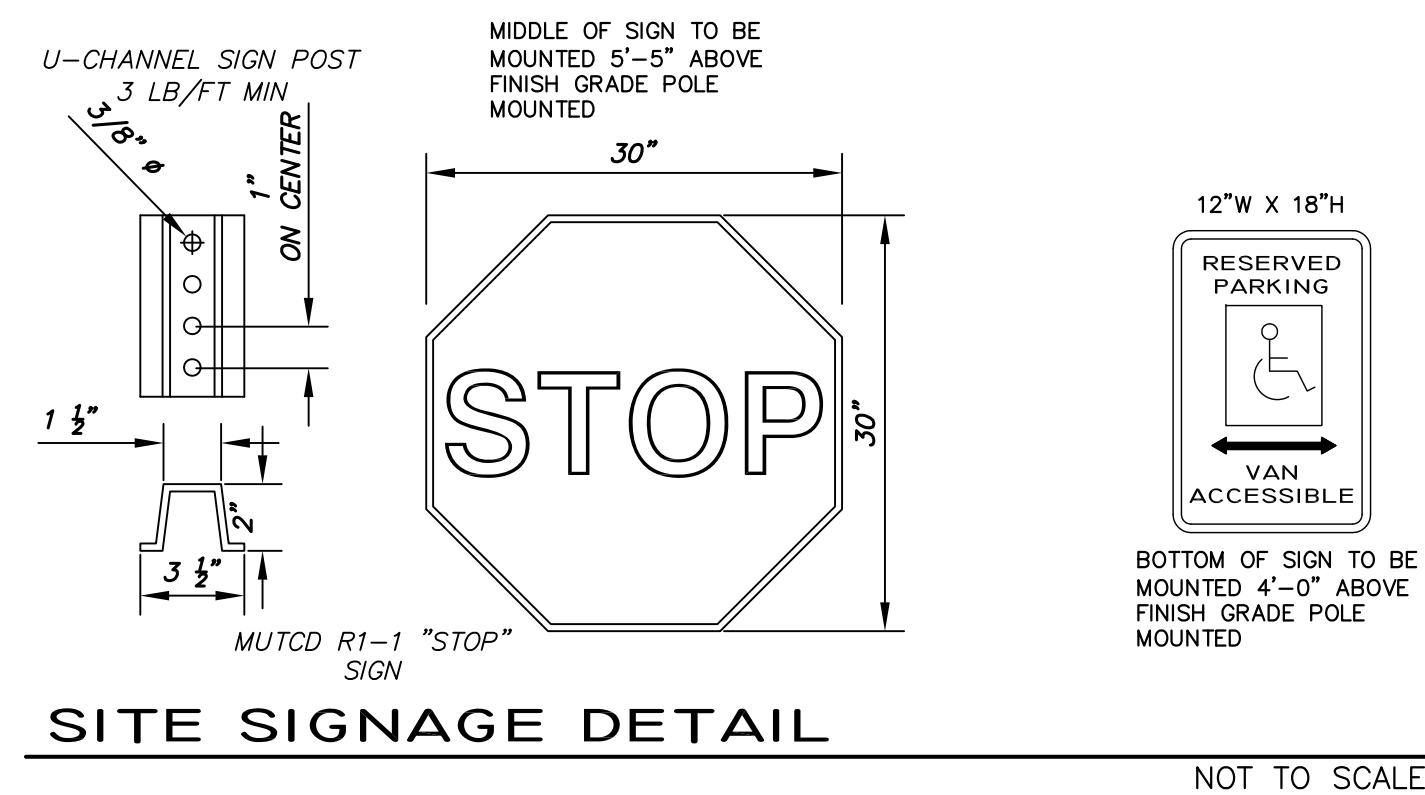
'FILTREXX' SEDIMENT CONTROL DETAIL ("SOXX")
NOT TO SCALE

NOTE

1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS
2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON-SITE, AS DETERMINED BY THE ENGINEER
4. MAXIMUM SLOPE LENGTH ABOVE THE FILTREXX SOXX IS 200 FEET FOR A 10% SLOPE, 140 FEET FOR A 15% SLOPE, 100 FEET FOR A 20% SLOPE, 80 FEET FOR A 25% SLOPE.
5. CONTRACTOR IS TO BE FILTREXX CERTIFIED AS DETERMINED BY MANUFACTURER.
6. STAKES SHALL BE INSTALLED THROUGH THE MIDDLE OF THE SOXX ON 10 FOOT CENTERS.
7. SEDIMENT CONTROL SHOULD BE PLACED NEAR PARALLEL TO THE BASE OF THE SLOPE AS SHOWN ON THE PLANS.
8. LOOSE COMPOST MAY BE BACKFILLED ALONG THE UPSLOPE SIDE OF THE SOXX, FILLING THE SEAM BETWEEN THE SOIL AND THE DEVICE.
9. IF THE "FILTREXX SOXX" IS TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE, IT MAY BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.

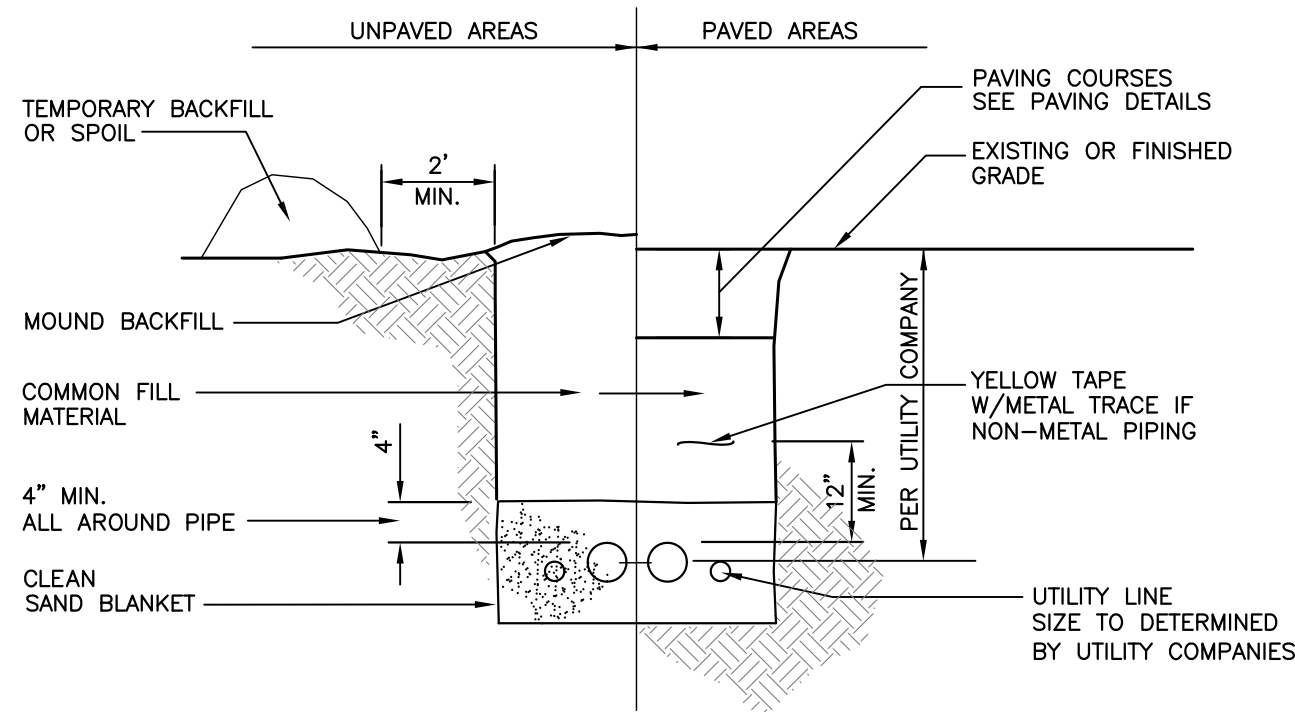
MAINTENANCE

1. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT CONTROL IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
2. IF DAMAGED, IT SHALL BE REPAIRED OR A SECTION REPLACED IF BEYOND REPAIR.
3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE SEDIMENT CONTROL WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE CONTROL OR 3.25 INCHES (FOR AN 8 INCH SOXX THE EFFECTIVE HEIGHT IS 6.5 INCHES).
4. SEDIMENT CONTROL SHALL BE MAINTAINED UNTIL THE DISTURBED AREA ABOVE THE DEVICE HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED IN THAT AREA.
5. THE FILTER MEDIA MAY BE DISPERSED ON SITE ONCE THE AREA HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED IN THAT AREA.

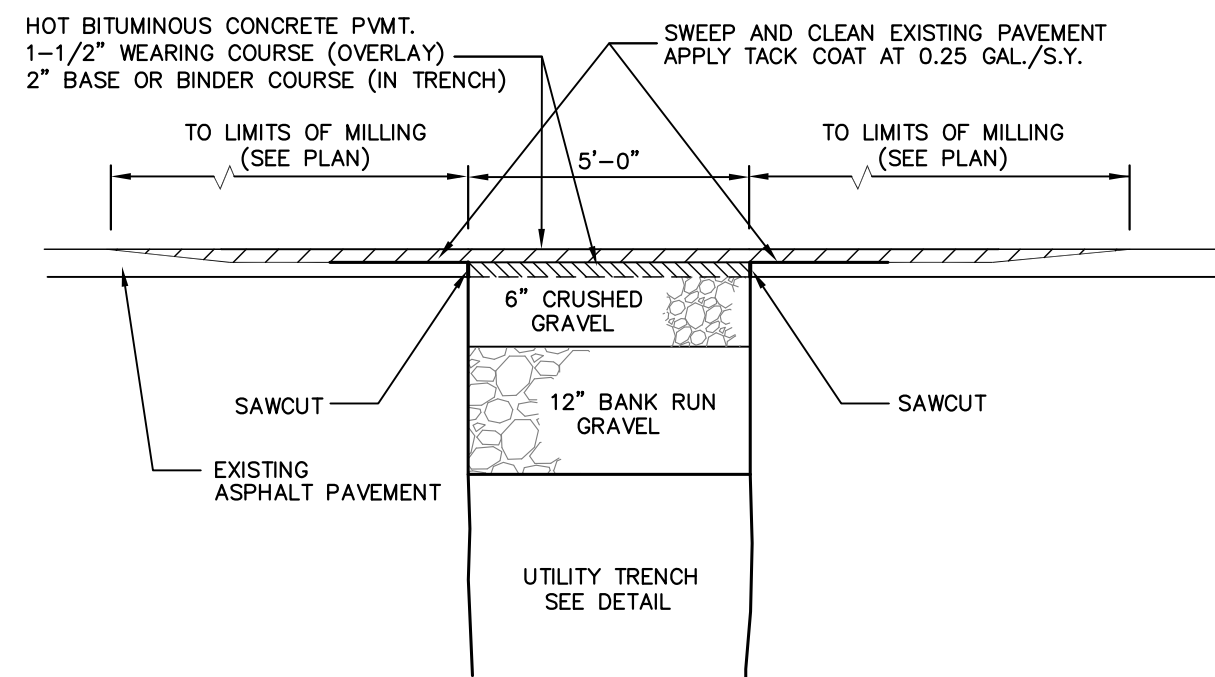


SITE SIGNAGE DETAIL
NOT TO SCALE

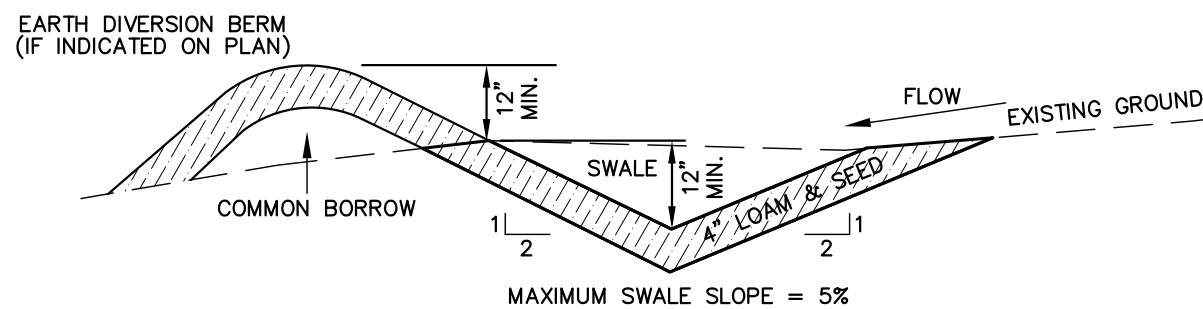
R E V I S I O N S			C O N S T R U C T I O N D E T A I L S			P R E P A R E D B Y D E S I G N E N G I N E E R		R E G I S T R A T I O N		A U G . I . , 2 0 2 3	
NO.	DESCRIPTION	DATE	TAX MAP 2 - LOT 151-4 PROPOSED DAYCARE FACILITY IRON HORSE PARK FREMONT, NEW HAMPSHIRE			PLAY LAUGH N GROW CHILDCARE & PRESCHOOL, LLC 9 ESSEX DRIVE RAYMOND, NH 03077 603-235-2667		GREGSAK & SONS, INC. ENGINEERING, ARCHITECTURE & CONSTRUCTION MANAGEMENT P.O. BOX 271 CHESTER, NEW HAMPSHIRE 03036 PH: (603) 887-6979 WWW.GREGSAK.COM		STATE OF NEW HAMPSHIRE WILLIAM M. GREGSAK No. 5699 LICENSED PROFESSIONAL ENGINEER	
										SCALE AS NOTED	
										SHEET 6 OF 9	
										JOB # 3208	



UTILITY TRENCH DETAIL
NOT TO SCALE



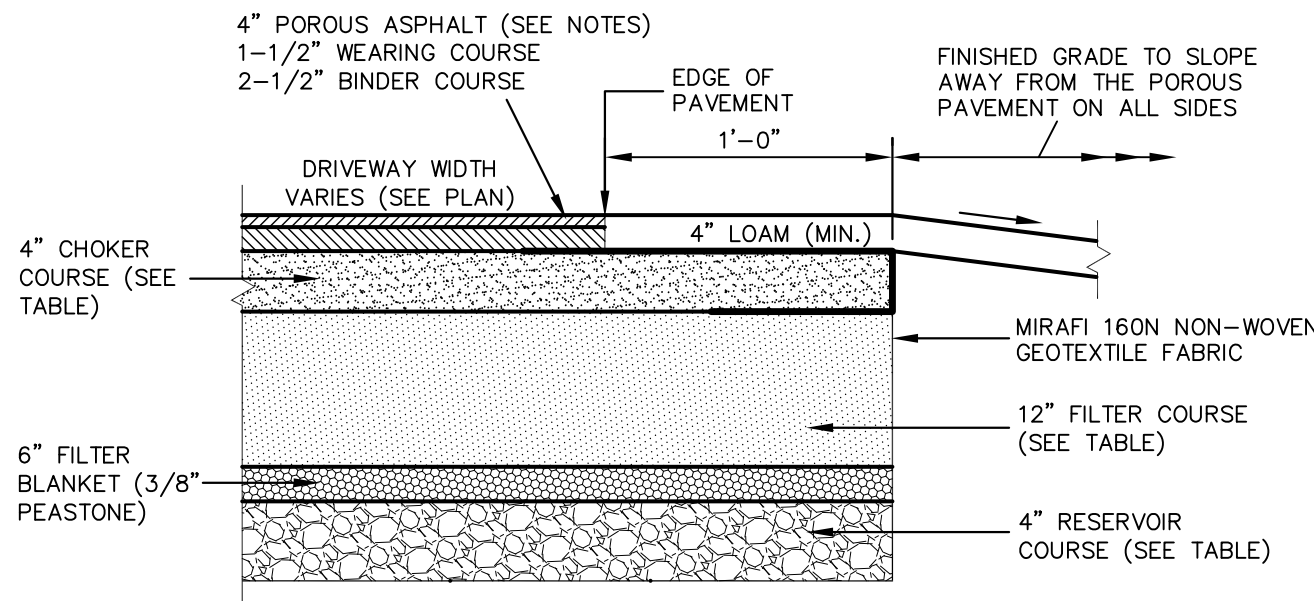
PAVEMENT TRENCH PATCH
NOT TO SCALE



CONSTRUCTION NOTES

1. THE FOUNDATION AREA OF THE WATERWAY SHALL BE CLEARED AND GRUBBED OF ALL TREES, BRUSH, STUMPS AND OTHER OBJECTIONABLE MATERIAL. MATERIALS REMOVED SHALL BE DISPOSED OF SO THEY DO NOT INTERFERE WITH THE CONSTRUCTION OR PROPER FUNCTION OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE DESIGN CRITERIA. THE WATERWAY SHALL BE FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. EARTH FILLS REQUIRED TO MEET SUBGRADE REQUIREMENTS BECAUSE OF OVER EXCAVATION OR TOPOGRAPHY SHALL BE COMPACTED TO THE SAME DENSITY AS THE SURROUNDING SOIL TO PREVENT UNEQUAL SETTLEMENT THAT COULD CAUSE DAMAGE TO THE COMPLETED WATERWAY. EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER AS TO MINIMIZE EROSION AND AIR AND WATER POLLUTION. ALL APPROPRIATE STATE AND LOCAL LAWS AND REGULATIONS SHALL BE COMPLIED WITH FOR DESIGN AND INSTALLATION.
5. THE WATERWAY SHALL BE STABILIZED USING THE APPROPRIATE "BEST MANAGEMENT PRACTICES" FOR VEGETATIVE MEASURES.

GRASS LINED SWALE
NOT TO SCALE



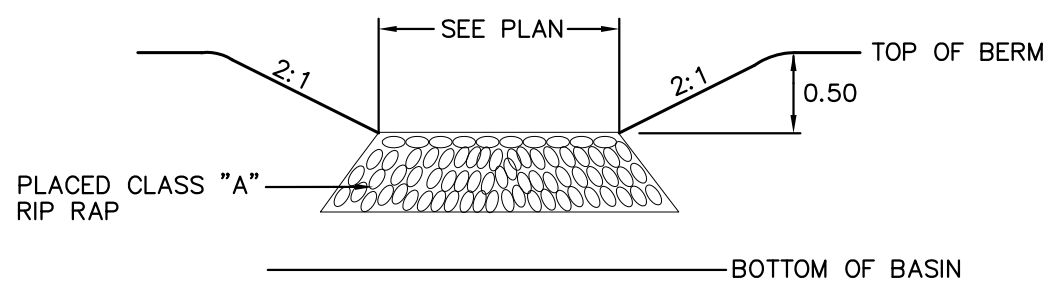
POROUS ASPHALT NOTES:

1. POROUS ASPHALT SHALL BE PREPARED AND INSTALLED IN ACCORDANCE WITH 'POROUS ASPHALT PAVEMENT AND INFILTRATION BEDS DESIGN SPECIFICATIONS' BY THE UNIVERSITY OF NEW HAMPSHIRE STORMWATER CENTER (FEBRUARY 2014, REVISED SEPTEMBER 2016).
2. WORKSMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. DO NOT DISCHARGE SEDIMENT-LADEN WATER FROM CONSTRUCTION ACTIVITIES INTO AREAS DESIGNED FOR POROUS PAVEMENT.
4. DO NOT ALLOW STORMWATER FROM OTHER AREAS OF THE SITE TO FLOW ONTO THE COMPLETED POROUS PAVEMENT UNTIL THOSE AREAS HAVE BEEN FULLY STABILIZED FROM EROSION.
5. ALL FILL SLOPES SHALL BE 3:1 OR FLATTER FOR THIS PROJECT

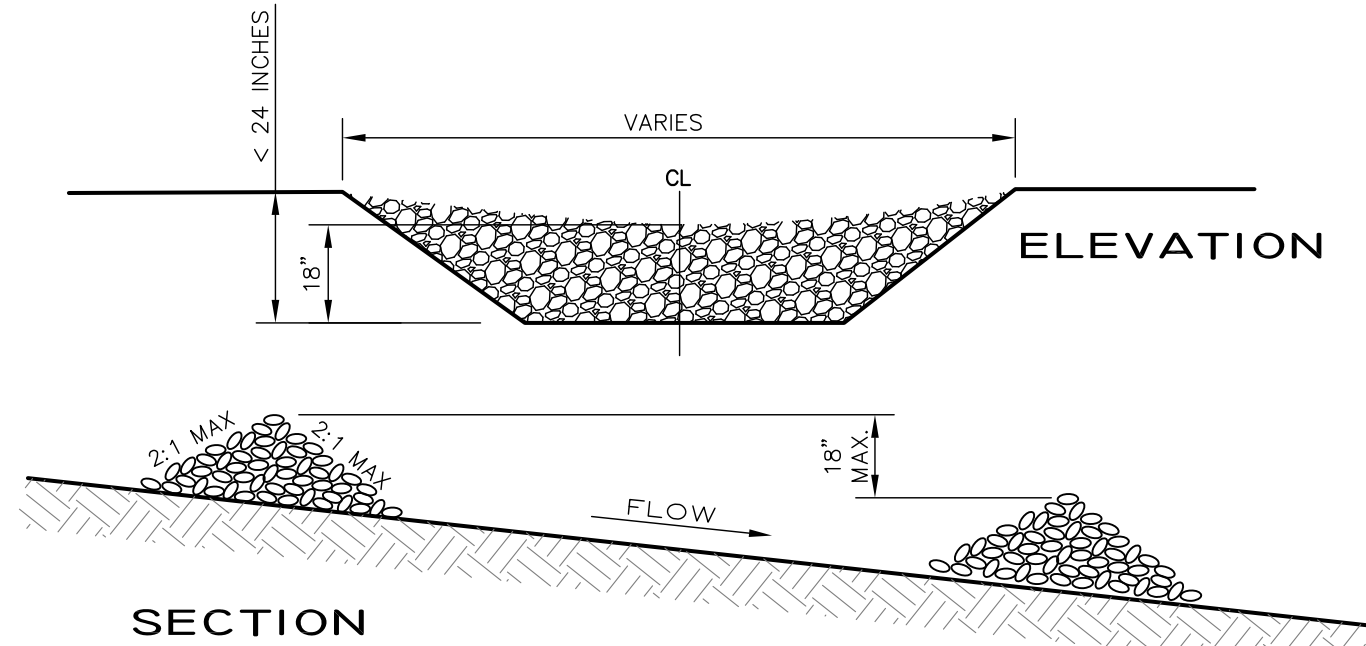
xqc; US STANDARD SIEVE SIZE IN/MM	CHOKER COURSE AASHTO NO.57	FILTER COURSE MODIFIED NHDOT 304.1	RESERVOIR COURSE AASHTO NO.3
6/150	—	100	—
2-1/2/63	—	—	100
2/50	—	—	90-100
1-1/2/37.5	100	—	35-70
1/25	95-100	—	0-15
3/4/19	—	—	—
1/2/12.5	25-60	—	0-5
3/8/9.5	—	—	—
#4/4.75	0-10	70-100	—
#8/2.36	0-5	—	—
#200/0.075	—	0-5*	—
% COMPACTION	95	95	—

*IN THE SAND PORTION OF THE SAMPLE

TYPICAL POROUS ASPHALT SECTION
NOT TO SCALE



TYPICAL EMERGENCY SPILLWAY DETAIL
NOT TO SCALE

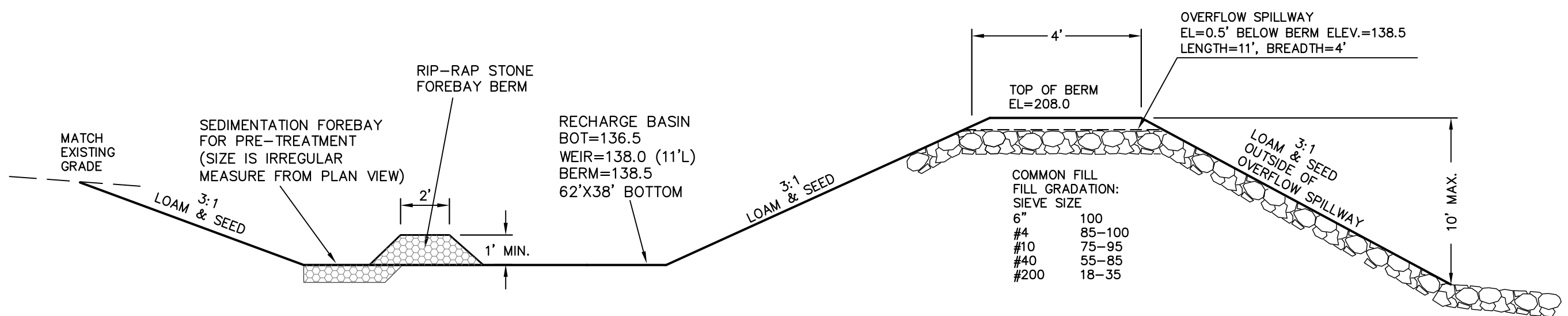


NOTE

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION WILL BE MINIMIZED.
3. SEEDING, FERTILIZING AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE BMP.
4. STRUCTURES ARE TEMPORARY AND ARE TO BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS EXPIRED, WHEN A SOLID STAND OF GRASS HAS GROWN AND STABILIZED.
5. STONE SIZE TO BE 2 TO 3 INCHES WASHED STONE, FREE OF FINES.

STONE CHECK DAM

NOT TO SCALE



RECHARGE BASIN CONSTRUCTION NOTES

1. THE FOUNDATION AREA SHALL BE CLEARED OF TREES, LOGS, STUMPS, ROOTS, BRUSH, BOULDERS, SOD AND RUBBISH. SCARIFY SURFACE BEFORE PLACING FILL. THE AREA SHALL BE MOIST FOR GOOD BONDING OF THE NEW FILL. KEEP STANDING WATER FROM FORMING ON OR NEAR THE FILL AREA.
2. THE FILL SHALL BE FREE OF DETRIMENTAL AMOUNTS OF SOD, ROOTS, FROZEN SOIL, STONES LARGER THAN 6 INCHES AND OTHER OBJECTIONABLE MATERIAL. CRUSHED GRAVEL (3/4") SHALL BE PLACED AROUND PIPES AND CONCRETE STRUCTURES.
3. THE PLACING AND SPREADING OF FILL SHALL BE STARTED AT THE LOWEST POINT IN THE BERM AREA AND BROUGHT UP IN HORIZONTAL LAYERS (LIFTS) OF ABOUT 12" SO THAT REQUIRED COMPACTION CAN BE OBTAINED. THE DISTRIBUTION AND GRADATION OF MATERIALS SHALL BE SUCH THAT NO LENSES, POCKETS, STREAKS OR LAYERS OF MATERIAL DIFFER SUBSTANTIALLY IN TEXTURE OR GRADATION FROM THE SURROUNDING MATERIAL.
4. THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADEQUATE FOR OBTAINING THE REQUIRED COMPACTION.
5. CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER AREAS OR EACH LAYER OF FILL TO INSURE REQUIRED COMPACTION. USE SPECIAL EQUIPMENT IF NECESSARY. FILL ADJACENT TO PIPES AND STRUCTURES SHALL BE COMPACTED BY HAND TAMPING OR PLATE VIBRATOR. FILL ADJACENT TO CONCRETE STRUCTURES SHALL NOT BE COMPACTED UNTIL CONCRETE HAS CURED STRONG ENOUGH TO SUPPORT THE LOAD.
6. FOR PROTECTION ALL EXPOSED AND DISTURBED SURFACES SHALL HAVE A COVER OF VEGETATION, PREFERABLY TOPSOIL AND SEED. FOLLOW SEEDING SPECIFICATIONS AND GENERAL NOTES IN THE EROSION CONTROL DETAILS SECTION IN THIS PLANSET.

RECHARGE BASIN DETAIL

SECTION

SAFETY

1. PONDS THAT ARE EASILY ACCESSIBLE IN POPULATED AREAS SHOULD INCORPORATE ALL POSSIBLE SAFETY PRECAUTIONS. DUE TO ONLY TEMPORARY WATER LEVELS IN THESE BASINS, FENCING IS NOT NECESSARY.

MAINTENANCE

1. MAINTENANCE IS NECESSARY IF THE BASIN IS TO CONTINUE TO FUNCTION AS DESIGNED. THE LANDOWNER MUST BE AWARE OF THE REQUIREMENTS FOR A PROPERLY OPERATIONAL BASIN AND A PLAN BE DEVELOPED FOR REGULAR SCHEDULED MAINTENANCE.
2. THE EMBANKMENT SHOULD BE INSPECTED TO DETERMINE IF RODENT BURROWS, WET AREAS OR EROSION OF THE FILL IS TAKING PLACE.
3. THE VEGETATION SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC AND DENSE WEED GROWTH. LIME AND FERTILIZER SHOULD BE APPLIED AS NECESSARY AS DETERMINED BY SOIL TESTS. TREES AND SHRUBS SHOULD BE KEPT OFF THE EMBANKMENT AND EMERGENCY SPILLWAY AREAS.
4. PIPE INLETS AND SPILLWAY STRUCTURES SHOULD BE INSPECTED ANNUALLY AND AFTER EVERY MAJOR STORM. ACCUMULATED DEBRIS AND SEDIMENT SHOULD BE REMOVED. IF PIPES ARE COATED, THE COATING SHOULD BE CHECKED AND REPAIRED AS NECESSARY.
5. PIPE OUTLETS SHOULD BE INSPECTED ANNUALLY AND AFTER EVERY MAJOR STORM. THE CONDITION OF THE PIPES SHOULD BE NOTED AND REPAIRS MADE AS NECESSARY. IF EROSION IS TAKING PLACE, THEN MEASURES SHOULD BE TAKEN TO STABILIZE AND PROTECT THE AFFECTED AREA OF THE OUTLET.
6. SEDIMENT SHOULD BE CONTINUALLY CHECKED IN THE BASIN. WHEN SEDIMENT ACCUMULATIONS REACHED THE PREDETERMINED DESIGN ELEVATION, THEN THE SEDIMENT SHOULD BE REMOVED AND PROPERLY DISPOSED OF.

NOT TO SCALE

REVISIONS			CONSTRUCTION DETAILS			PREPARED BY DESIGN ENGINEER			REGISTRATION		AUG. 1, 2023	
NO.	DESCRIPTION	DATE	TAX MAP 2 - LOT 151-4			PLAY LAUGH N GROW CHILDCARE & PRESCHOOL, LLC 9 ESSEX DRIVE RAYMOND, NH 03077			GREGSAK & SONS, INC. ENGINEERING, ARCHITECTURE & CONSTRUCTION MANAGEMENT P.O. BOX 271 CHESTER, NEW HAMPSHIRE 03036 PH: (603) 887-6979 WWW.GREGSAK.COM		STATE OF NEW HAMPSHIRE WILLIAM M. GREGSAK No. 5699 LICENSED PROFESSIONAL ENGINEER	
			PROPOSED DAYCARE FACILITY			603-235-2667			SCALE AS NOTED		SHEET 7	
			IRON HORSE PARK								OF 9	
			FREMONT, NEW HAMPSHIRE								JOB # 3208	

GENERAL NOTES:

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
2. IF, DURING CONSTRUCTION IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR, DEVELOPER OR OWNER ARE RESPONSIBLE TO DOCUMENT THE APPARENT DEFICIENCIES AND NOTIFY THE DESIGN ENGINEER PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES. THE DESIGN ENGINEER, IN COOPERATION WITH THE CONTRACTOR, DEVELOPER OR OWNER WILL RESOLVE THE APPARENT DEFICIENCIES TO MEET APPLICABLE TOWN REGULATIONS.
3. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED, THE CONTRACTOR, DEVELOPER OR OWNER SHALL BE REQUIRED TO INSTALL ADDITIONAL EROSION PROTECTION MEASURES.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY THE LOCATION OF ALL UTILITIES OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AT ALL TIMES.
6. NO EXCAVATED AREA SHALL BE LEFT UNATTENDED AND SHALL BE THOROUGHLY SECURED ON A DAILY BASIS.
7. THE PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENT AND INTENT OF RSA 430:53 AND CHAPTER Agr 3800 RELATIVE TO INVASIVE SPECIES.
8. THE LIMITS OF DISTURBANCE FOR THIS PROJECT IS 74,000 SF ±, THEREFORE AN EPA NOTICE OF INTENT OR SWPPP IS REQUIRED.

CONSTRUCTION SEQUENCE:

1. CUT AND CLEAR TREES WITHIN LIMIT OF WORK (PROPOSED TREELINE), UNLESS OTHERWISE NOTED. ALL STUMPS, BRANCHES, TOPS AND BRUSH TO BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN AND DETAILED IN THIS PLAN SET.
3. CONSTRUCT TEMPORARY AND PERMANENT EROSION CONTROL FACILITIES (DETENTION BASINS, TREATMENT SWALES, GRASS SWALES AND STONE LINED RIP-RAP SWALES) PRIOR TO ANY EARTH MOVING OPERATION.
4. ALL SWALES AND DITCH LINES SHALL BE PROTECTED FROM EROSION. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
5. ALL STORM DRAINAGE SYSTEMS SUCH AS DETENTION/RETENTION BASINS, TREATMENT SWALES OR LEVEL SPREADERS SHALL BE PROTECTED FROM EROSION. ALL STORM DRAINAGE SYSTEMS SHALL BE STABILIZED PRIOR TO DIRECTING FLOW INTO THEM.
6. NO CATCH BASIN FRAME AND GRATE SHALL BE INSTALLED PRIOR TO PAVING (IF APPLICABLE). ALL DRAINAGE STRUCTURES ARE TO BE "PLATED" AND CUT OUT FOLLOWING PAVING OPERATIONS, ONLY IF ALL DOWNSTREAM DRAINAGE ELEMENTS ARE STABLE, INCLUDING, BUT NOT LIMITED TO OUTLET PROTECTION, ALL SLOPE GRADING, VEGETATED OR RIPRAP SWALES, DETENTION BASIN AND TREATMENT SWALES.
7. IF CATCH BASIN FRAMES AND GRATES ARE PROPOSED, SPECIFIC SOIL EROSION MEASURES MUST BE INSTALLED SUCH AS GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER OR BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER OR "SILT SAK".
8. CONSTRUCT TEMPORARY CULVERTS, DIVERSION DITCHES/SWALES OR BERMS AS REQUIRED TO MINIMIZE THE EROISVE AFFECTS OF STORMWATER RUNOFF DURING ALL CONSTRUCTION ACTIVITIES.
9. COMPLETE GRUBBING OPERATIONS. ALL STUMPS AND DEBRIS SHALL BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
10. ALL MATERIAL SUITABLE FOR USE AS TOPSOIL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SEEDED WITH WINTER RYE AND IF NECESSARY, SURROUNDED WITH SILT FENCE, AND/OR STRAW BALES, IN ORDER TO PREVENT OR CONTAIN SOIL EROSION.
11. ALL MATERIAL SUITABLE FOR FILL OR SELECT MATERIAL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SURROUNDED WITH SILT FENCE, AND/OR STRAW BALES, IN ORDER TO CONTAIN SOIL EROSION.
12. REMOVE ALL IMPROPER ROADWAY/SITE FOUNDATION MATERIAL WITHIN 18" OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL ACCEPTABLE TO THE STATE/TOWN SPECIFICATIONS. ALL SUITABLE FILL MATERIAL SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY WEIGHT AS DETERMINED BY MODIFIED PROCTOR TESTING (ASTM D-1556) REQUIREMENTS.
13. CONSTRUCT ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO DRAIN, DATA, CABLE AND POWER.
14. ROUGH GRADE ROADWAY/SITE WITHIN LIMIT OF WORK AND COMMENCE CONSTRUCTION OF ROADWAY OR SITE.
15. COMPLETE ROADWAY/SITE SLOPE GRADING/EMBANKMENT CONSTRUCTION. ALL SLOPES SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER GRADING. THE CONTRACTOR SHALL STABILIZE SLOPES WITH APPROPRIATE SEEDING PROGRAM OR JUTE MAT, WHEREVER SPECIFIED. JUTE MATTING SHALL TYPICALLY BE USED ON ANY SLOPES STEEPER THEN 3:1
16. APPLY TOPSOIL TO ROADWAY/SITE SLOPES AND OTHER AREAS DISTURBED BY CONSTRUCTION. TOPSOIL USED MAY BE NATIVE ORGANIC MATERIAL SCREENED AS TO BE FREE FROM ROOTS, BRANCHES, STONES, AND OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL BE APPLIED SO AS TO PROVIDE A MINIMUM OF A 4-INCH COMPACTED THICKNESS. UPON COMPLETION OF TOPSOILING, FINISHED SECTIONS ARE TO BE LIMED, SEEDED, AND MULCHED. THE CONTRACTOR SHALL INSPECT COMPLETED SECTIONS OF WORK ON A REGULAR BASIS AND REMEDY ANY PROBLEM AREAS UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
17. PERFORM FINAL PAVING OPERATIONS), INSTALL GUARDRAIL (IF APPLICABLE) AS SHOWN ON THE APPROVED PLANS.
18. MAINTAIN, REPAIR, AND REPLACE TEMPORARY EROSION CONTROL MEASURES AS NECESSARY FOR A MINIMUM PERIOD OF 12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION.
19. AFTER STABILIZATION (12 MONTHLY FOLLOWING SUBSTANTIAL COMPLETION), REMOVE AND PROPERLY DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, PREFERABLY OFF SITE.

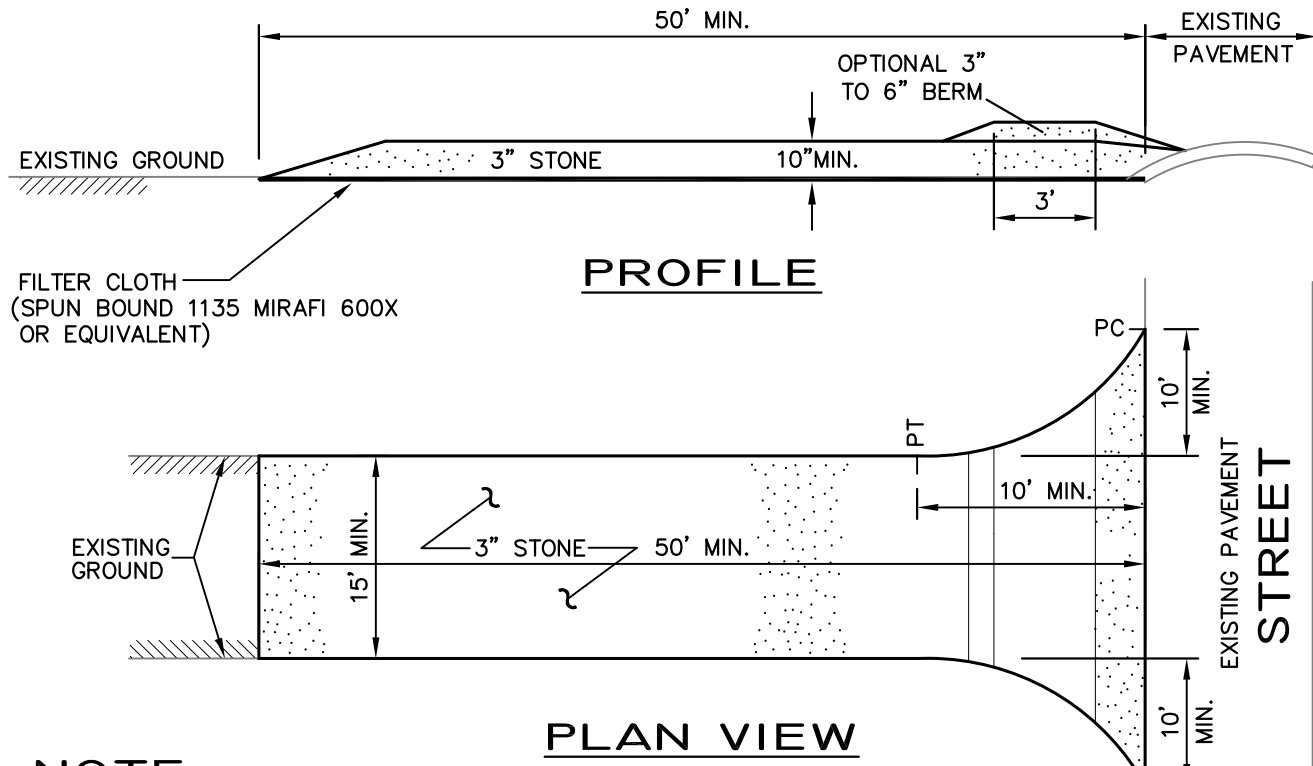
WINTER CONSTRUCTION NOTES

- a. ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 115% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- b. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 115% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- c. AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.

SEEDING SPECIFICATIONS

MIXTURE	POUNDS/ACRE	POUNDS/1,000 SF
TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDsFOOT TREFOIL	8	0.20
TOTAL	48	1.10

1. SEEDED PREPARATION
- A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
- B. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT FOUR INCHES TO PREPARE A SEEDED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
2. ESTABLISHING A STAND
- A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
- AGRICULTURAL LIMESTONE: 2 TONS PER ACRE OR 0.09 LBS. PER SQ. FT.
- NITROGEN (N): 50 LBS. PER ACRE OR 1.1 LBS. PER 1000 SQ. FT.
- PHOSPHATE (P₂O₅): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.
- POTASH (K₂O): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.
- (NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 11-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10)
- B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING, AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH 0.25 INCH OF SOIL OR LESS, BY CULTPACKING OR RAKING.
- C. REFER TO TABLE 7-35 OF "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE", FOR APPROPRIATE SEED MIXTURES AND TABLE 7-36 FOR RATES OF SEEDING. ALL LEGUMES (CROWNVETCH, BIRDsFOOT TREFOIL, AND FLATPEA), MUST BE INOCULATED WITH THEIR SPECIFIC INNOCULANT.
- D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
3. MULCH
- A. STRAW, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
- B. MULCH WILL BE HELD IN PLACE USING TECHNIQUES FROM THE "BEST MANAGEMENT PRACTICE FORMULCHING", AS SHOWN IN, "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE".
4. MAINTENANCE TO ESTABLISH A STAND
- A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
- B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
- C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.



NOTE

1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL BE NOT LESS THAN 75 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 10 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICH EVER IS GREATER.
5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENTIAL LOT.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
8. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

STABILIZED CONSTRUCTION ENTRANCE

EROSION CONTROL NOTES

ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (EPA, NHDES AND TOWN REGULATIONS). THE GENERAL NOTES AND DETAILS CONTAINED IN THIS PLAN SERVE AS A GUIDE ONLY.

1. PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS. INSTALLATION OF STRAWBALE BARRIERS AND SILTATION FENCES OR MULCH SOCK SHALL BE COMPLETED PRIOR TO THE START OF SITE WORK IN ANY SPECIFIC AREA. PREFABRICATED SILTATION FENCES AND SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. STRAWBALE BARRIERS AND SILTATION FENCES/MULCH SOCK SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A HEALTHY STAND OF VEGETATIVE COVER. EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES
3. EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
4. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED. ALL ROADWAYS/SITE GRADING SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE. CUT AND FILL SLOPES SHALL BE LOAMED & SEEDED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.

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 115% VEGETATED GROWTH HAS BEEN ESTABLISHED
- c. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED
- d. OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED

TIME LIMIT: ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.


5. ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" OF LOAM INSTALLED WITH NOT LESS THAN 1.1 POUNDS OF SEED MIX PER 1,000 SQ. FT. SEE SEEDING SPECIFICATIONS ON THIS SHEET

6. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 11-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.

7. STRAW MULCH OR JUTE MATTING SHALL BE USED IF/WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

8. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS AREA NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.

9. TO CONTROL DUST DURING CONSTRUCTION, WATER DISTRIBUTION SHALL BE USED.

		R E V I S I O N S		CONSTRUCTION DETAILS		PLAY LAUGH N GROW CHILDCARE & PRESCHOOL, LLC 9 ESSEX DRIVE RAYMOND, NH 03077 603-235-2667	PREPARED BY DESIGN ENGINEER GREGSAK & SONS, INC. <i>ENGINEERING, ARCHITECTURE & CONSTRUCTION MANAGEMENT</i> P.O. BOX 271 CHESTER, NEW HAMPSHIRE 03036 PH: (603) 887-6979 <i>WWW.GREGSAK.COM</i>		AUG. 1, 2023
		NO.	DESCRIPTION	DATE	<div>TAX MAP 2 – LOT 151-4</div> <div>PROPOSED DAYCARE FACILITY</div> <div>IRON HORSE PARK</div> <div>FREMONT, NEW HAMPSHIRE</div>				
				SCALE AS NOTED		SHEET 8 OF 9		JOB # 3208	

REV.	DATE	DESCRIPTION	DR CK