



RIVERFIELD SCHOOL

ADDITIONS & ALTERATIONS

1625 MILL PLAIN ROAD

FAIRFIELD, CT 06824

STATE PROJECT NO. 051-0125 EA

PHASE I

JANUARY 1, 2014

VOLUME I

~~HAZARDOUS MATERIALS ABATEMENT, CIVIL ENGINEERING, & ARCHITECTURAL DRAWINGS~~

ARCHITECT'S PROJECT NUMBER:

2012.016

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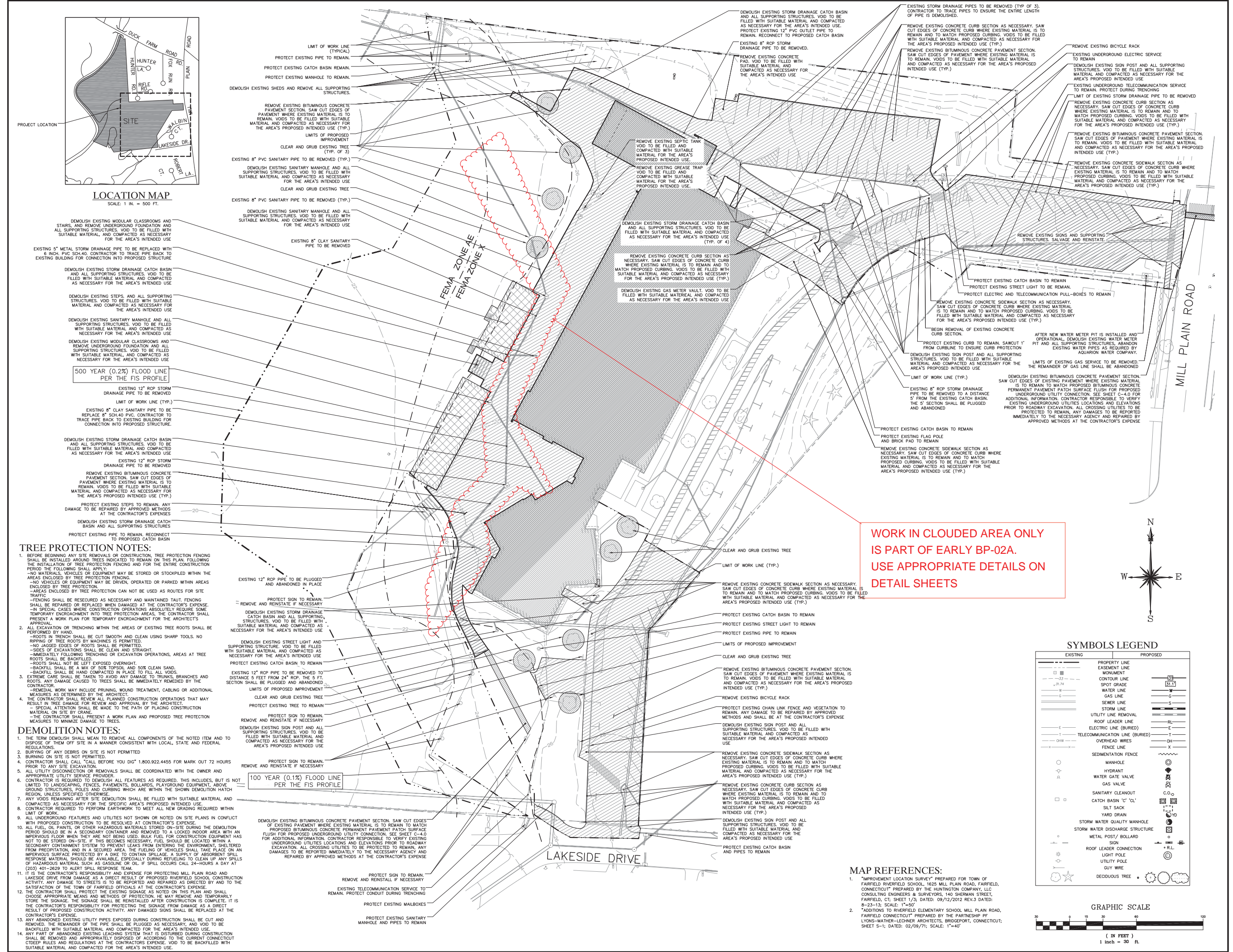
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WORK IN CLOUDED AREA ONLY IS PART OF EARLY BP-02A. USE APPROPRIATE DETAILS ON DETAIL SHEETS



LOCATION MAP
SCALE: 1 IN. = 500 FT.

500 YEAR (0.2%) FLOOD LINE PER THE FIS PROFILE

100 YEAR (0.1%) FLOOD LINE PER THE FIS PROFILE

TREE PROTECTION NOTES:

- BEFORE BEGINNING ANY SITE REMOVALS OR CONSTRUCTION, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND TREES INDICATED TO REMAIN ON THIS PLAN, FOLLOWING THE INSTALLATION OF TREE PROTECTION FENCING FOR THE ENTIRE CONSTRUCTION PERIOD THE FOLLOWING SHALL APPLY:
 - NO MATERIALS, VEHICLES OR EQUIPMENT MAY BE STORED OR STOCKPILED WITHIN THE AREAS ENCLOSED BY TREE PROTECTION FENCING.
 - NO VEHICLES OR EQUIPMENT BE DRIVEN, OPERATED OR PARKED WITHIN AREAS ENCLOSED BY TREE PROTECTION.
 - AREAS ENCLOSED BY TREE PROTECTION CAN NOT BE USED AS ROUTES FOR SITE TRAFFIC.
 - FENCING SHALL BE RESECURED AS NECESSARY AND MAINTAINED TAUT. FENCING SHALL BE REPAIRED WHEN DAMAGED AT THE CONTRACTOR'S EXPENSE.
 - IN SPECIAL CASES WHERE CONSTRUCTION OPERATIONS ABSOLUTELY REQUIRE SOME TEMPORARY ENCROACHMENT INTO TREE PROTECTION AREAS, THE CONTRACTOR SHALL PRESENT A WORK PLAN FOR TEMPORARY ENCROACHMENT FOR THE ARCHITECT'S APPROVAL.
- ALL EXCAVATION OR TRENCHING WITHIN THE AREAS OF EXISTING TREE ROOTS SHALL BE PERFORMED BY HAND.
 - ROOTS IN TRENCH SHALL BE CUT SMOOTH AND CLEAN USING SHARP TOOLS. NO RIPPING OF TREE ROOTS BY MACHINES IS PERMITTED.
 - NO JAGGED EDGES OF ROOTS SHALL BE PERMITTED.
 - SIDES OF EXCAVATION SHALL BE CLEAN AND STRAIGHT.
 - IMMEDIATELY FOLLOWING TRENCHING OR EXCAVATION OPERATIONS, AREAS AT TREE ROOTS SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED AS NECESSARY FOR THE AREA'S PROPOSED INTENDED USE (TYP.).
 - ROOTS SHALL NOT BE LEFT EXPOSED OVERNIGHT.
 - BACKFILL SHALL BE A MIX OF 50% TOPSOIL AND 50% CLEAN SAND.
 - BACKFILL SHALL BE HAND COMPACTED IN PLACE TO FILL ALL VOIDS.
- EXTREME CARE SHALL BE TAKEN TO AVOID ANY DAMAGE TO TRUNKS, BRANCHES AND ROOTS. ANY DAMAGE CAUSED TO TREES SHALL BE IMMEDIATELY REMEDIED BY THE CONTRACTOR.
 - REMEDIAL WORK MAY INCLUDE PRUNING, WOUND TREATMENT, CABLING OR ADDITIONAL MEASURES AS DETERMINED BY THE ARCHITECT.
- THE CONTRACTOR SHALL REVIEW ALL PLANNED CONSTRUCTION OPERATIONS THAT MAY RESULT IN TREE DAMAGE BY THE ARCHITECT.
 - SPECIAL ATTENTION SHALL BE MADE TO THE PATH OF PLACING CONSTRUCTION MATERIAL ON SITE BY CRANE.
 - THE CONTRACTOR SHALL PRESENT A WORK PLAN AND PROPOSED TREE PROTECTION MEASURES TO MINIMIZE DAMAGE TO TREES.

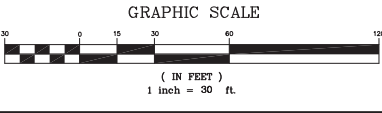
DEMOLITION NOTES:

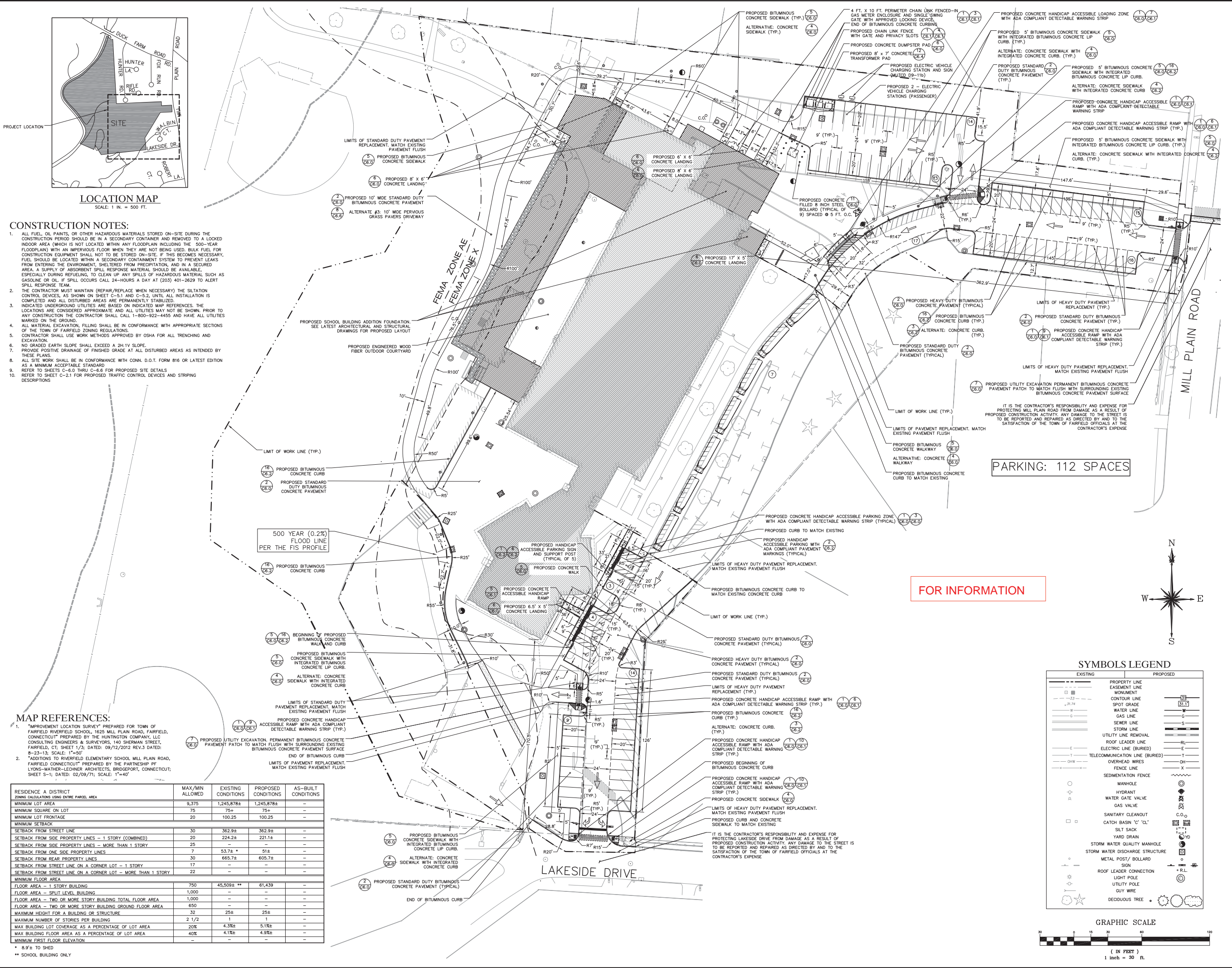
- THE TERM DEMOLISH SHALL MEAN TO REMOVE ALL COMPONENTS OF THE NOTED ITEM AND TO DISPOSE OF THEM OFF SITE IN A MANNER CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- BURNING OF ANY DEBRIS ON SITE IS NOT PERMITTED.
- BURNING ON SITE IS NOT PERMITTED.
- CONTRACTOR SHALL CALL "CALL BEFORE YOU DIG" 1.800.922.4455 FOR MARK OUT 72 HOURS PRIOR TO ANY SITE EXCAVATION.
- ALL UTILTY DISSECTION OR REMOVALS SHALL BE COORDINATED WITH THE OWNER AND APPROPRIATE UTILITY SERVICE PROVIDER.
- CONTRACTOR IS REQUIRED TO DEMOLISH ALL FEATURES AS REQUIRED. THIS INCLUDES, BUT IS NOT LIMITED TO, LANDSCAPING, FENCES, PAVEMENTS, BOLLARDS, PLAYGROUND EQUIPMENT, ABOVE GROUND STRUCTURES, POLES AND CURBING WHICH ARE WITHIN THE SHOWN DEMOLITION HATCH REGION, UNLESS SPECIFIED OTHERWISE.
- ANY VOIDS REMAINING AFTER SITE DEMOLITION SHALL BE FILLED WITH SUITABLE MATERIAL AND COMPACTED AS NECESSARY FOR THE SPECIFIC AREA'S PROPOSED INTENDED USE.
- CONTRACTOR REQUIRED TO PERFORM EARTHWORK TO MEET ALL NEW GRADING REQUIRED WITHIN LIMIT OF WORK LINE (TYP.).
- ALL UNDERGROUND FEATURES AND UTILITIES NOT SHOWN OR NOTED ON SITE PLANS IN CONFLICT WITH PROPOSED CONSTRUCTION TO BE RESOLVED AT CONTRACTOR'S EXPENSE.
- ALL FUEL, OIL, PAINTS, OR OTHER HAZARDOUS MATERIALS STORED ON-SITE DURING THE DEMOLITION PERIOD SHALL BE IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPROVED FLOOR WHEN THEY ARE NOT BEING USED. BULK FUEL FOR CONSTRUCTION EQUIPMENT HAS NOT TO BE STORED ON-SITE. THE SIGNAGE FOR THE STORAGE OF HAZARDOUS MATERIAL SHOULD BE LOCATED WITHIN A SECONDARY CONTAINMENT SYSTEM TO PREVENT LEAKS FROM ENTERING THE ENVIRONMENT, SHELTERED FROM PRECIPITATION, AND IN A SECURED AREA. THE FUELING OF VEHICLES SHALL TAKE PLACE ON AN IMPROVED SURFACE PROTECTED BY A DOME TO CONTAIN SPILLAGE. A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SHOULD BE AVAILABLE, ESPECIALLY DURING REFUELING TO CLEAN UP ANY SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE OR OIL. IF SPILL OCCURS CALL 24-HOURS A DAY AT (203) 401-2629 TO ALERT SPILL RESPONSE TEAM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE FOR PROTECTING MILL PLAIN ROAD AND LAKESIDE DRIVE FROM DAMAGE AS A DIRECT RESULT OF PROPOSED RIVERFIELD SCHOOL CONSTRUCTION ACTIVITY. ANY DAMAGE TO STREETS IS TO BE REPORTED AND REPAIRED AS DIRECTED BY AND TO THE SATISFACTION OF THE TOWN OF FAIRFIELD OFFICIALS AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROTECT THE EXISTING SIGNAGE AS NOTED ON THIS PLAN AND SHALL CHOOSE APPROPRIATE MEANS AND METHODS OF PROTECTION. HE MAY REMOVE AND TEMPORARILY STORE THE SIGNAGE. THE SIGNAGE SHALL BE REINSTALLED AFTER CONSTRUCTION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR PROTECTING THE SIGNAGE FROM DAMAGE AS A DIRECT RESULT OF PROPOSED CONSTRUCTION ACTIVITY. ANY DAMAGED SIGNS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ANY ABANDONED EXISTING UTILITY PIPES EXPOSED DURING CONSTRUCTION SHALL BE CUT AND REMOVED. THE REMAINDER OF THE PIPE SHALL BE PLUGGED AS NECESSARY, AND VOID TO BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED FOR THE AREA'S INTENDED USE.
- ANY PART OF ABANDONED EXISTING LEACHING SYSTEM THAT IS DISTURBED DURING CONSTRUCTION SHALL BE REMOVED AND APPROPRIATELY DISPOSED OF ACCORDING TO THE CURRENT CONNECTICUT C/DEEP RULES AND REGULATIONS AT THE CONTRACTOR'S EXPENSE. VOID TO BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED FOR THE AREA'S INTENDED USE.

SYMBOLS LEGEND

EXISTING	PROPOSED
---	PROPERTY LINE
---	EASEMENT LINE
---	MONUMENT
---	CONTOUR LINE
---	SPOT GRADE
---	WATER LINE
---	GAS LINE
---	SEWER LINE
---	STORM LINE
---	UTILITY LINE REMOVAL
---	ROOF LEADER LINE
---	ELECTRIC LINE (BURIED)
---	TELECOMMUNICATION LINE (BURIED)
---	OVERHEAD WIRES
---	FENCE LINE
---	SEDIMENTATION FENCE
○	MANHOLE
○	HYDRANT
○	WATER GATE VALVE
○	GAS VALVE
○	SANITARY CLEANOUT
○	CATCH BASIN "C" "CL"
○	SILT SACK
○	YARD DRAIN
○	STORM WATER QUALITY MANHOLE
○	STORM WATER DISCHARGE STRUCTURE
○	METAL POST/ BOLLARD
○	SIGN
○	ROOF LEADER CONNECTION
○	LIGHT POLE
○	UTILITY POLE
○	GUY WIRE
○	DECIDUOUS TREE

- ### MAP REFERENCES:
- "IMPROVEMENT LOCATION SURVEY" PREPARED FOR TOWN OF FAIRFIELD RIVERFIELD SCHOOL, 1625 MILL PLAIN ROAD, FAIRFIELD, CONNECTICUT PREPARED BY THE HUNTINGTON COMPANY, LLC CONSULTING ENGINEERS & SURVEYORS, 140 SHERMAN STREET, FAIRFIELD, CT; SHEET 1/3, DATED: 09/12/2012 REV.3 DATED: 8-23-13; SCALE: 1"=50'
 - "ADDITIONS TO RIVERFIELD ELEMENTARY SCHOOL MILL PLAIN ROAD, FAIRFIELD CONNECTICUT" PREPARED BY THE PARTNERSHIP OF LYONS-MATHER-LECHNER ARCHITECTS, BRIDGEPORT, CONNECTICUT; SHEET S-1, DATED: 02/09/71; SCALE: 1"=40'





LOCATION MAP
 SCALE: 1 IN. = 500 FT.

- CONSTRUCTION NOTES:**
- ALL FUEL, OIL PAINTS, OR OTHER HAZARDOUS MATERIALS STORED ON-SITE DURING THE CONSTRUCTION PERIOD SHOULD BE IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA (WHICH IS NOT LOCATED WITHIN ANY FLOODPLAIN INCLUDING THE 500-YEAR FLOODPLAIN) WITH AN IMPERVIOUS FLOOR WHEN THEY ARE NOT BEING USED. BULK FUEL FOR CONSTRUCTION EQUIPMENT SHALL NOT BE STORED ON-SITE. IF THIS BECOMES NECESSARY, FUEL SHOULD BE LOCATED WITHIN A SECONDARY CONTAINMENT SYSTEM TO PREVENT LEAKS FROM ENTERING THE ENVIRONMENT, SHELTERED FROM PRECIPITATION, AND IN A SECURED AREA. A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SHOULD BE AVAILABLE, ESPECIALLY DURING REFUELING TO CLEAN UP ANY SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE OR OIL. IF SPILL OCCURS CALL 24-HOURS A DAY AT (203) 401-2629 TO ALERT SPILL RESPONSE TEAM.
 - THE CONTRACTOR MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL DEVICES, AS SHOWN ON SHEET C-5.1 AND C-5.2, UNTIL ALL INSTALLATION IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
 - INDICATED UNDERGROUND UTILITIES ARE BASED ON INDICATED MAP REFERENCES. THE LOCATIONS ARE CONSIDERED APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND.
 - ALL MATERIAL EXCAVATION, FILLING SHALL BE IN CONFORMANCE WITH APPROPRIATE SECTIONS OF THE TOWN OF FAIRFIELD ZONING REGULATIONS.
 - CONTRACTOR SHALL USE WORK METHODS APPROVED BY OSHA FOR ALL TRENCHING AND EXCAVATION.
 - NO GRADED EARTH SLOPE SHALL EXCEED A 3H:1V SLOPE.
 - PROVIDE POSITIVE DRAINAGE OF FINISHED GRADE AT ALL DISTURBED AREAS AS INTENDED BY THESE PLANS.
 - ALL SITE WORK SHALL BE IN CONFORMANCE WITH COMM. D.O.T. FORM #16 OR LATEST EDITION AS A MINIMUM ACCEPTABLE STANDARD.
 - REFER TO SHEETS C-6.0 THRU C-6.6 FOR PROPOSED SITE DETAILS.
 - REFER TO SHEET C-2.1 FOR PROPOSED TRAFFIC CONTROL DEVICES AND STRIPING DESCRIPTIONS.

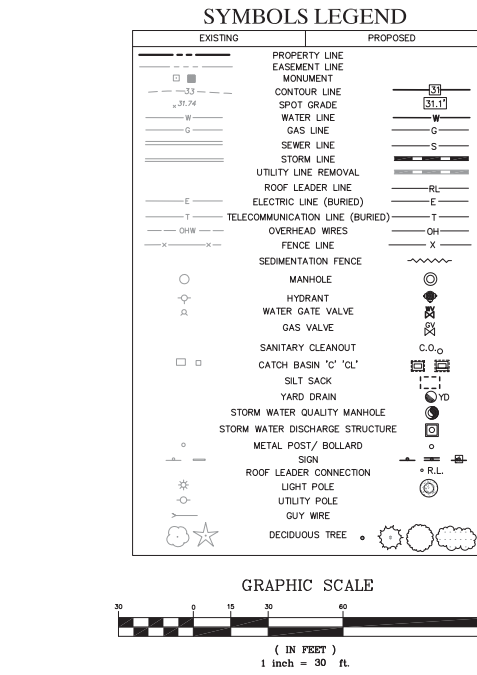
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RESIDENCE A DISTRICT ZONING CALCULATIONS USING ENTIRE PARCEL AREA	MAX/MIN ALLOWED	EXISTING CONDITIONS	PROPOSED CONDITIONS	AS-BUILT CONDITIONS
MINIMUM LOT AREA	9,375	1,245,878±	1,245,878±	-
MINIMUM SQUARE ON LOT	75	75±	75±	-
MINIMUM LOT FRONTAGE	20	100.25	100.25	-
MINIMUM SETBACK				
SETBACK FROM STREET LINE	30	362.9±	362.9±	-
SETBACK FROM SIDE PROPERTY LINES - 1 STORY (COMBINED)	20	224.2±	221.1±	-
SETBACK FROM SIDE PROPERTY LINES - MORE THAN 1 STORY	25	-	-	-
SETBACK FROM ONE SIDE PROPERTY LINES	7	53.7±	51±	-
SETBACK FROM REAR PROPERTY LINES	30	665.7±	605.7±	-
SETBACK FROM STREET LINE ON A CORNER LOT - 1 STORY	17	-	-	-
SETBACK FROM STREET LINE ON A CORNER LOT - MORE THAN 1 STORY	22	-	-	-
MINIMUM FLOOR AREA				
FLOOR AREA - 1 STORY BUILDING	750	45,509±	61,439	-
FLOOR AREA - SPLIT LEVEL BUILDING	1,000	-	-	-
FLOOR AREA - TWO OR MORE STORY BUILDING TOTAL FLOOR AREA	1,000	-	-	-
FLOOR AREA - TWO OR MORE STORY BUILDING GROUND FLOOR AREA	650	-	-	-
MAXIMUM HEIGHT FOR A BUILDING OR STRUCTURE	32	25±	25±	-
MAXIMUM NUMBER OF STORES PER BUILDING	2 1/2	1	1	-
MAX BUILDING LOT COVERAGE AS A PERCENTAGE OF LOT AREA	20%	4.3%	5.1%	-
MAX BUILDING FLOOR AREA AS A PERCENTAGE OF LOT AREA	40%	4.1%	4.9%	-
MINIMUM FIRST FLOOR ELEVATION				

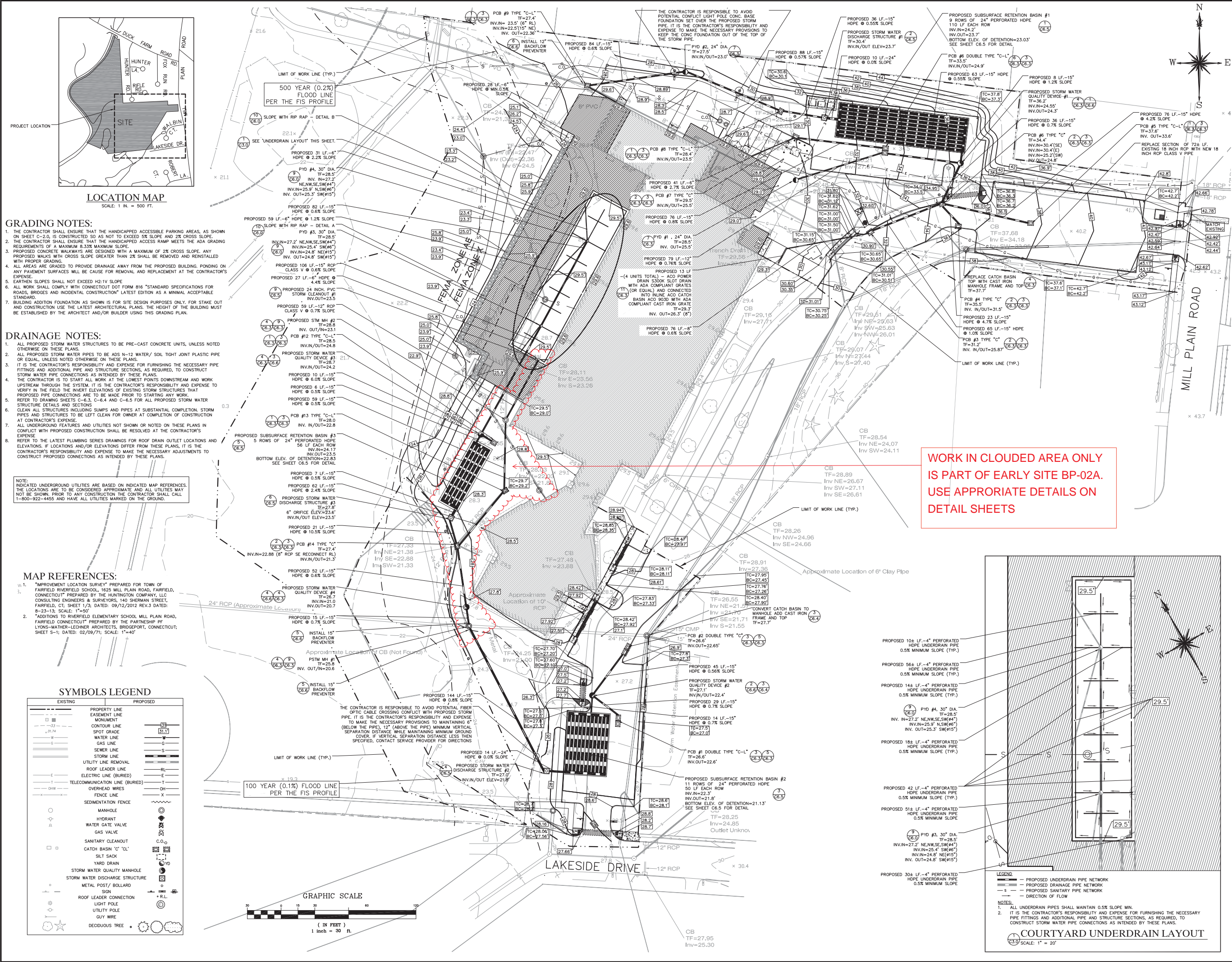
* 8.9% TO SHED
 ** SCHOOL BUILDING ONLY

PARKING: 112 SPACES

FOR INFORMATION



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GRADING NOTES:

1. THE CONTRACTOR SHALL ENSURE THAT THE HANDICAPPED ACCESSIBLE PARKING AREAS, AS SHOWN ON SHEET C-2.0, IS CONSTRUCTED 50 AS NOT TO EXCEED 5% SLOPE AND 2% CROSS SLOPE.
2. THE CONTRACTOR SHALL ENSURE THAT THE HANDICAPPED ACCESS RAMP MEETS THE ADA GRADING REQUIREMENTS OF A MAXIMUM 8.33% MAXIMUM SLOPE.
3. PROPOSED CONCRETE WALKWAYS ARE DESIGNED WITH A MAXIMUM OF 2% CROSS SLOPE. ANY PROPOSED WALKS WITH CROSS SLOPE GREATER THAN 2% SHALL BE REMOVED AND REINSTALLED WITH PROPER GRADING.
4. ALL AREAS ARE GRADED TO PROVIDE DRAINAGE AWAY FROM THE PROPOSED BUILDING, PONDING ON ANY PAVEMENT SURFACES WILL BE CAUSE FOR REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
5. EARTHEN SLOPES SHALL NOT EXCEED 4:1 SLOPE.
6. ALL WORK SHALL COMPLY WITH CONNECTICUT DOT FORM 816 "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION" LATEST EDITION AS A MINIMAL ACCEPTABLE STANDARD.
7. BUILDING ADDITION FOUNDATION AS SHOWN IS FOR SITE DESIGN PURPOSES ONLY. FOR STAKE OUT AND CONSTRUCTION USE THE LATEST ARCHITECTURAL PLANS. THE HEIGHT OF THE BUILDING MUST BE ESTABLISHED BY THE ARCHITECT AND/OR BUILDER USING THIS GRADING PLAN.

DRAINAGE NOTES:

1. ALL PROPOSED STORM WATER STRUCTURES TO BE PRE-CAST CONCRETE UNITS, UNLESS NOTED OTHERWISE ON THESE PLANS.
2. ALL PROPOSED STORM WATER PIPES TO BE ADS N-12 WATER/ SOIL TIGHT JOINT PLASTIC PIPE OR EQUAL, UNLESS NOTED OTHERWISE ON THESE PLANS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE FOR FURNISHING THE NECESSARY PIPE FITTINGS AND ADDITIONAL PIPE AND STRUCTURE SECTIONS, AS REQUIRED, TO CONSTRUCT STORM WATER PIPE CONNECTIONS AS INTENDED BY THESE PLANS.
4. THE CONTRACTOR IS TO START ALL WORK AT THE LOWEST POINTS DOWNSTREAM AND WORK UPSTREAM THROUGH THE SYSTEM. IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE TO VERIFY IN THE FIELD THE INVERT ELEVATIONS OF EXISTING STORM STRUCTURES THAT PROPOSED PIPE CONNECTIONS ARE TO BE MADE PRIOR TO STARTING ANY WORK. REFER TO DRAWING SHEETS C-6.3, C-6.4 AND C-6.5 FOR ALL PROPOSED STORM WATER STRUCTURE DETAILS AND SECTIONS.
5. CLEAN ALL STRUCTURES INCLUDING SUMPS AND PIPES AT SUBSTANTIAL COMPLETION. STORM PIPES AND STRUCTURES TO BE LEFT CLEAN FOR OWNER AT COMPLETION OF CONSTRUCTION AT CONTRACTOR'S EXPENSE.
6. ALL UNDERGROUND FEATURES AND UTILITIES NOT SHOWN OR NOTED ON THESE PLANS IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE RESOLVED AT THE CONTRACTOR'S EXPENSE.
7. REFER TO THE LATEST PLUMBING SERIES DRAWINGS FOR ROOF DRAIN OUTLET LOCATIONS AND ELEVATIONS. IF LOCATIONS AND/OR ELEVATIONS DIFFER FROM THESE PLANS, IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE TO MAKE THE NECESSARY ADJUSTMENTS TO CONSTRUCT PROPOSED CONNECTIONS AS INTENDED BY THESE PLANS.

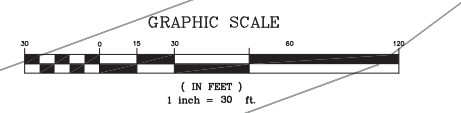
NOTE: INDICATED UNDERGROUND UTILITIES ARE BASED ON INDICATED MAP REFERENCES. THE LOCATIONS ARE TO BE CONSIDERED APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND.

MAP REFERENCES:

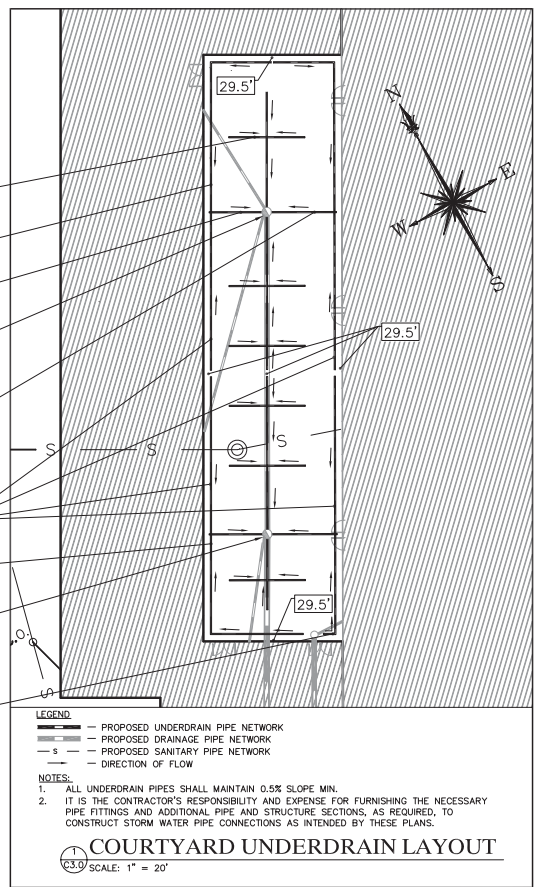
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SYMBOLS LEGEND

EXISTING	PROPOSED
PROPERTY LINE	PROPERTY LINE
EASEMENT LINE	EASEMENT LINE
MONUMENT	MONUMENT
CONTOUR LINE	CONTOUR LINE
SPOT GRADE	SPOT GRADE
WATER LINE	WATER LINE
GAS LINE	GAS LINE
SEWER LINE	SEWER LINE
STORM LINE	STORM LINE
UTILITY LINE REMOVAL	UTILITY LINE REMOVAL
ROOF LEADER LINE	ROOF LEADER LINE
ELECTRIC LINE (BURIED)	ELECTRIC LINE (BURIED)
TELECOMMUNICATION LINE (BURIED)	TELECOMMUNICATION LINE (BURIED)
OVERHEAD WIRES	OVERHEAD WIRES
FENCE LINE	FENCE LINE
SEDIMENTATION FENCE	SEDIMENTATION FENCE
MANHOLE	MANHOLE
HYDRANT	HYDRANT
WATER GATE VALVE	WATER GATE VALVE
GAS VALVE	GAS VALVE
SANITARY CLEANOUT	SANITARY CLEANOUT
CATCH BASIN "C" "CL"	CATCH BASIN "C" "CL"
SILT SACK	SILT SACK
YARD DRAIN	YARD DRAIN
STORM WATER QUALITY MANHOLE	STORM WATER QUALITY MANHOLE
STORM WATER DISCHARGE STRUCTURE	STORM WATER DISCHARGE STRUCTURE
METAL POST/ BOLLARD	METAL POST/ BOLLARD
SIGN	SIGN
ROOF LEADER CONNECTION	ROOF LEADER CONNECTION
LIGHT POLE	LIGHT POLE
UTILITY POLE	UTILITY POLE
GUY WIRE	GUY WIRE
DECIDUOUS TREE	DECIDUOUS TREE



WORK IN CLOUDED AREA ONLY IS PART OF EARLY SITE BP-02A. USE APPROPRIATE DETAILS ON DETAIL SHEETS



NO.	DATE	REVISION

PROJECT NAME: PROPOSED ADDITIONS & ALTERATIONS TO RIVERFIELD SCHOOL
 CONSTRUCTION DOCUMENTS

BUILDING NAME & ADDRESS: RIVERFIELD SCHOOL, 1625 MILL PLAIN ROAD, FAIRFIELD, CT 06824

PROJECT NUMBER: 2012.016 STATE PROJECT NUMBER: 051-0125 EA

DRAWING TITLE: SITE PLAN - GRADING AND DRAINAGE

SCALE: 1" = 30' DRAWN BY: FV

FILE NAME: C3.0
 CD MODEL: JANUARY 01, 2014
 DRAWING NUMBER: C3.0

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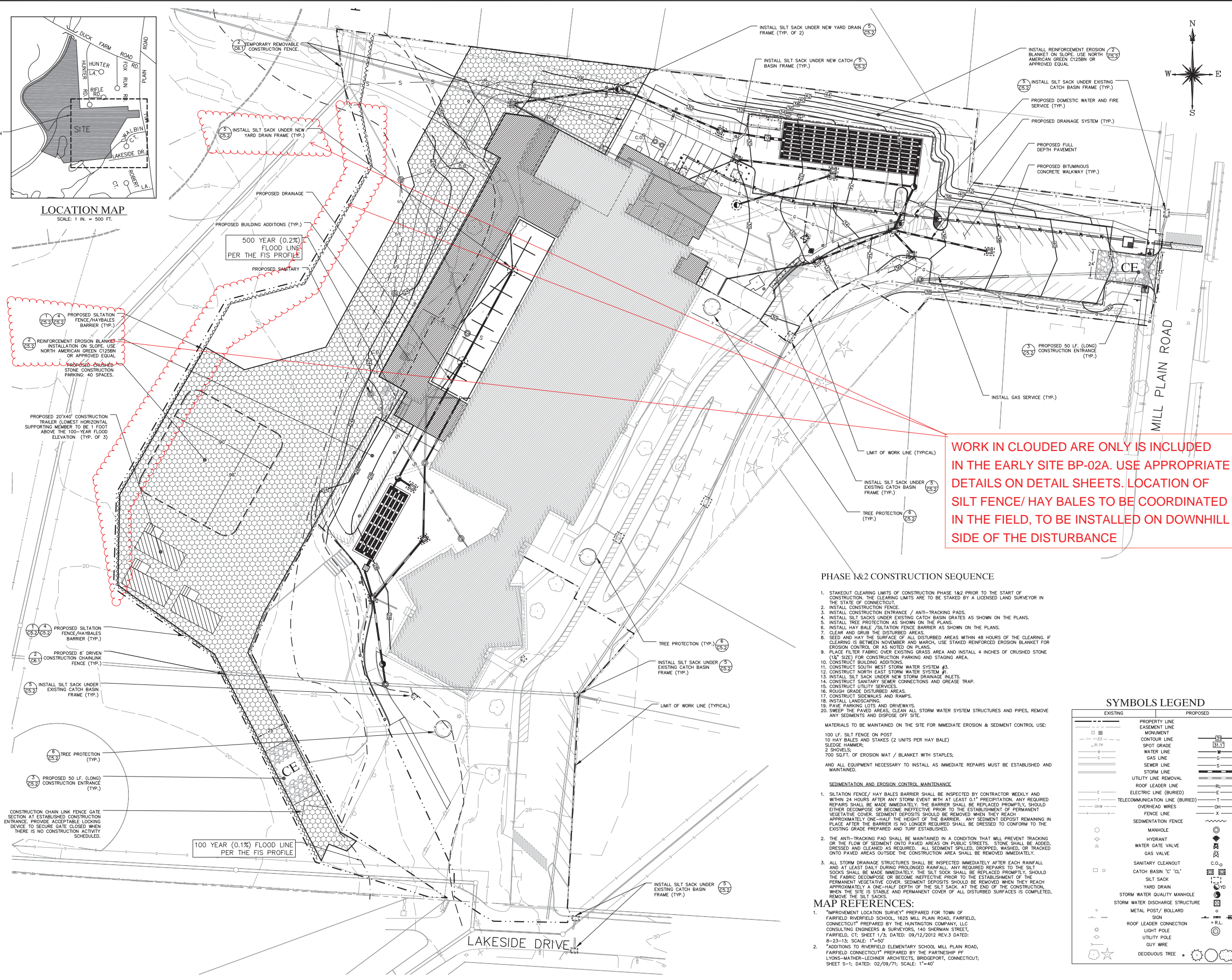
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CONSTRUCTION PHASING AND SEDIMENTATION AND EROSION CONTROL PLAN - PHASE 1&2
 SCALE: 1" = 30'
 FILENAME: CD MODEL
 DATE: JANUARY 01, 2014
 DRAWING NUMBER: **C5.0**



LOCATION MAP
 SCALE: 1 IN. = 500 FT.



WORK IN CLOUDED ARE ONLY IS INCLUDED IN THE EARLY SITE BP-02A. USE APPROPRIATE DETAILS ON DETAIL SHEETS. LOCATION OF SILT FENCE/ HAY BALES TO BE COORDINATED IN THE FIELD, TO BE INSTALLED ON DOWNHILL SIDE OF THE DISTURBANCE

PHASE 1&2 CONSTRUCTION SEQUENCE

- STAKEOUT CLEARING LIMITS OF CONSTRUCTION PHASE 1&2 PRIOR TO THE START OF CONSTRUCTION. THE CLEARING LIMITS ARE TO BE STAKED BY A LICENSED LAND SURVEYOR IN THE STATE OF CONNECTICUT.
- INSTALL CONSTRUCTION FENCE.
- INSTALL CONSTRUCTION ENTRANCE / ANTI-TRACKING PADS.
- INSTALL SILT SACKS UNDER EXISTING CATCH BASIN GRATES AS SHOWN ON THE PLANS.
- INSTALL TREE PROTECTION AS SHOWN ON THE PLANS.
- INSTALL HAY BALE / SILTATION FENCE BARRIER AS SHOWN ON THE PLANS.
- CLEAR AND GRUB THE DISTURBED AREAS.
- SEED AND MOW THE SURFACE OF ALL DISTURBED AREAS WITHIN 48 HOURS OF THE CLEARING. IF CLEARING IS BETWEEN NOVEMBER AND MARCH, USE STAKED REINFORCED EROSION BLANKET FOR EROSION CONTROL, OR AS NOTED ON PLANS.
- PLACE FILTER FABRIC OVER EXISTING GRASS AREA AND INSTALL 4 INCHES OF CRUSHED STONE (1/2" SIZE) FOR CONSTRUCTION PARKING AND STAGING AREA.
- CONSTRUCT BUILDING ADDITIONS.
- CONSTRUCT SOUTH WEST STORM WATER SYSTEM #3.
- CONSTRUCT NORTH EAST STORM WATER SYSTEM #4.
- INSTALL SILT SACK UNDER NEW STORM DRAINAGE INLETS.
- CONSTRUCT SANITARY SEWER CONNECTIONS AND GREASE TRAP.
- CONSTRUCT UTILITY SERVICES.
- ROUGH GRADE DISTURBED AREAS.
- CONSTRUCT SIDEWALKS AND RAMPS.
- INSTALL LANDSCAPING.
- PAVE PARKING LOTS AND DRIVEWAYS.
- SWEEP THE PAVED AREAS, CLEAN ALL STORM WATER SYSTEM STRUCTURES AND PIPES, REMOVE ANY SEDIMENTS AND DISPOSE OFF SITE.

MATERIALS TO BE MAINTAINED ON THE SITE FOR IMMEDIATE EROSION & SEDIMENT CONTROL USE:
 100 LF. SILT FENCE ON POST
 10 HAY BALES AND STAKES (2 UNITS PER HAY BALE)
 SLUDGE HAMMER
 2 SHOVELS
 700 SQ.FT. OF EROSION MAT / BLANKET WITH STAPLES
 AND ALL EQUIPMENT NECESSARY TO INSTALL AS IMMEDIATE REPAIRS MUST BE ESTABLISHED AND MAINTAINED.

- SEDIMENTATION AND EROSION CONTROL MAINTENANCE**
- SILTATION FENCE/ HAY BALES BARRIER SHALL BE INSPECTED BY CONTRACTOR WEEKLY AND WITHIN 24 HOURS AFTER ANY STORM EVENT WITH AT LEAST 0.1" PRECIPITATION. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. THE BARRIER SHALL BE REPLACED PROMPTLY, SHOULD OTHER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSIT REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE. PREPARED AND TURF ESTABLISHED.
 - THE ANTI-TRACKING PAD SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR THE FLOW OF SEDIMENT ONTO PAVED AREAS ON PUBLIC STREETS. STONE SHALL BE ADDED, DRESSED AND CLEANED AS REQUIRED. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED AREAS OUTSIDE THE CONSTRUCTION AREA SHALL BE REMOVED IMMEDIATELY.
 - ALL STORM DRAINAGE STRUCTURES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS TO THE SILT SOCKS SHALL BE MADE IMMEDIATELY. THE SILT SOCK SHALL BE REPLACED PROMPTLY, SHOULD OTHER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY A ONE-HALF DEPTH OF THE SILT SOCK. AT THE END OF THE CONSTRUCTION, WHEN THE SITE IS STABLE AND PERMANENT COVER OF ALL DISTURBED SURFACES IS COMPLETED, REMOVE THE SILT SOCKS.

- MAP REFERENCES:**
- "IMPROVEMENT LOCATION SURVEY" PREPARED FOR TOWN OF FAIRFIELD RIVERFIELD SCHOOL, 1625 MILL PLAIN ROAD, FAIRFIELD, CONNECTICUT" PREPARED BY THE HUNTINGTON COMPANY, LLC CONSULTING ENGINEERS & SURVEYORS, 140 SHERMAN STREET, FAIRFIELD, CT; SHEET 1/3; DATED: 09/12/2012 REV.3 DATED: 8-23-13; SCALE: 1"=50'
 - "ADDITIONS TO RIVERFIELD ELEMENTARY SCHOOL MILL PLAIN ROAD, FAIRFIELD CONNECTICUT" PREPARED BY THE PARTNERSHIP OF LYONS-MATHER-LECHNER ARCHITECTS, BRIDGEPORT, CONNECTICUT; SHEET S-1; DATED: 02/09/11; SCALE: 1"=40'

SYMBOLS LEGEND

EXISTING	PROPOSED
---	PROPERTY LINE
---	EASEMENT LINE
---	MONUMENT
---	CONTOUR LINE
---	SPOT GRADE
---	WATER LINE
---	GAS LINE
---	SEWER LINE
---	STORM LINE
---	UTILITY LINE REMOVAL
---	ROOF LEADER LINE
---	ELECTRIC LINE (BURIED)
---	TELECOMMUNICATION LINE (BURIED)
---	OVERHEAD WIRES
---	FENCE LINE
---	SEDIMENTATION FENCE
○	MANHOLE
○	HYDRANT
○	WATER GATE VALVE
○	GAS VALVE
○	SANITARY CLEANOUT
○	CATCH BASIN "C" "Q"
○	SILT SACK
○	YARD DRAIN
○	STORM WATER QUALITY MANHOLE
○	STORM WATER DISCHARGE STRUCTURE
○	METAL POST/ BOLLARD
○	SIGN
○	ROOF LEADER CONNECTION
○	LIGHT POLE
○	UTILITY POLE
○	GY WIRE
○	DECIDUOUS TREE

