

SITE PREPARATION & EROSION & SEDIMENTATION CONTROL PLAN

Plains Elementary School
Town of South Hadley
South Hadley, MA

Project: 1108
Date: 05/22/13
Scale: 1" = 30'
Drawn By: ATB/DFD
Revisions:

DD COST ESTIMATE SET

C1.1



- LEGEND & STANDARD ABBREVIATIONS**
- PROPOSED LIMIT OF WORK
 - PROPOSED SAWCUT LINE
 - SILT FENCE
 - C&P & ABANDON UTILITY C&P & R&D AS NECESSARY
 - R&D BUILDING REFER TO ARCHITECTURAL PLANS
 - R&D PAVEMENT, CONC. SIDEWALK, BIT. SIDEWALK
 - CONSTRUCTION ENTRANCE
 - CATCH BASIN PROTECTION
 - V.I.F. VERIFY IN FIELD
 - C&P CUT & PLUG
 - R&D REMOVE & DISPOSE
 - R&S REMOVE & STACK
 - R&R REMOVE & RESET
 - TYP. TYPICAL
 - CONC. CONCRETE
 - BIT. BITUMINOUS
 - ELEC. ELECTRICAL

- NOTES:**
- REFER TO LANDSCAPING PLANS FOR TREES TO BE REMOVED AND TREES TO REMAIN.
 - REFER TO LANDSCAPING PLANS FOR TREE PROTECTION INFORMATION AND DETAILS.
- EROSION AND SEDIMENTATION CONTROL**
- INSTALL EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 AND GREATER. REFER TO THE SITE GRADING AND DRAINAGE PLAN FOR GRADES.
 - REFER TO EROSION AND SEDIMENTATION CONTROL DETAILS FOR ADDITIONAL EROSION AND SEDIMENTATION CONTROL NOTES.

- EARTHWORK**
- CALL DIG-SAFE 811 OR 1-888-DIG-SAFE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION.
 - STOP WORK IN THE VICINITY OF SUSPECTED CONTAMINATED SOIL, GROUNDWATER OR OTHER MEDIA. IMMEDIATELY NOTIFY THE OWNER SO THAT APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN. RESUME WORK IN THE IMMEDIATE VICINITY ONLY UPON DIRECTION BY THE OWNER.
 - WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, PERFORM EARTHWORK OPERATIONS TO SUBGRADE ELEVATIONS. SEE ARCHITECTURAL PLANS FOR WORK ABOVE SUBGRADE.
 - CONTRACTOR SHALL PROTECT ALL SLOPES, VEGETATION, PAVING, WALKS, AND IMPROVEMENTS OUTSIDE THE AREAS TO BE AFFECTED BY THE CONSTRUCTION OF THIS PROJECT.
 - CATCH BASINS WITHIN THE WORK AREA OR DOWN STREAM OF DRAINAGE FLOW WILL TO BE PROTECTED WITH CATCH BASIN SILT SACKS.
 - WATER AND CALCIUM CHLORIDE MUST BE AVAILABLE AT ALL TIMES FOR DUST CONTROL.

- DEMOLITION**
- REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS, UNLESS OTHERWISE NOTED.
 - THE DEMOLITION PLAN IS PROVIDED FOR INFORMATION ONLY AND MAY NOT INDICATE ALL ITEMS REQUIRED TO BE DEMOLISHED. PERFORM A PRE-BID SITE INSPECTION. COORDINATE DEMOLITION OF UNIDENTIFIED UTILITIES OR STRUCTURES WITH OWNER. DEMOLISH STRUCTURES, SITE IMPROVEMENTS, UTILITIES, ETC. AS REQUIRED TO CONSTRUCT PROPOSED FACILITY AND UTILITY SERVICES.
 - TREES, BRUSH AND STUMPS REMOVED BY CLEARING & GRUBBING OPERATIONS SHALL BE TRANSPORTED OFF THE PROJECT SITE TO AN APPROVED DISPOSAL LOCATION.

- WORK RESTRICTIONS**
- DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
 - WORK IS RESTRICTED TO THE HOURS (TIME) TO (TIME) ON (DAY) THROUGH (DAY)

NOT FOR CONSTRUCTION



LEGEND & STANDARD ABBREVIATIONS

- CONTRACTOR STAGING AREA
- SCHOOL OPERATION AREA
- TEMPORARY BIT. CURB
- TREE PROTECTION AREA
- TEMPORARY CHAIN LINK FENCE W/ SLATS
- TEMPORARY GRAVEL PARKING AREA
- EXISTING PAVEMENT TO REMAIN
- TEMPORARY PAVEMENT FOR BUS LOOP
- PARKING SPACE COUNT
- TRAFFIC FLOW ARROWS
- V.I.F. VERIFY IN FIELD
- R&D REMOVE & DISPOSE
- R&S REMOVE & STACK
- R&R REMOVE & RESET
- TYP. TYPICAL
- CONC. CONCRETE
- BIT. BITUMINOUS
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SITE LAYOUT PLAN

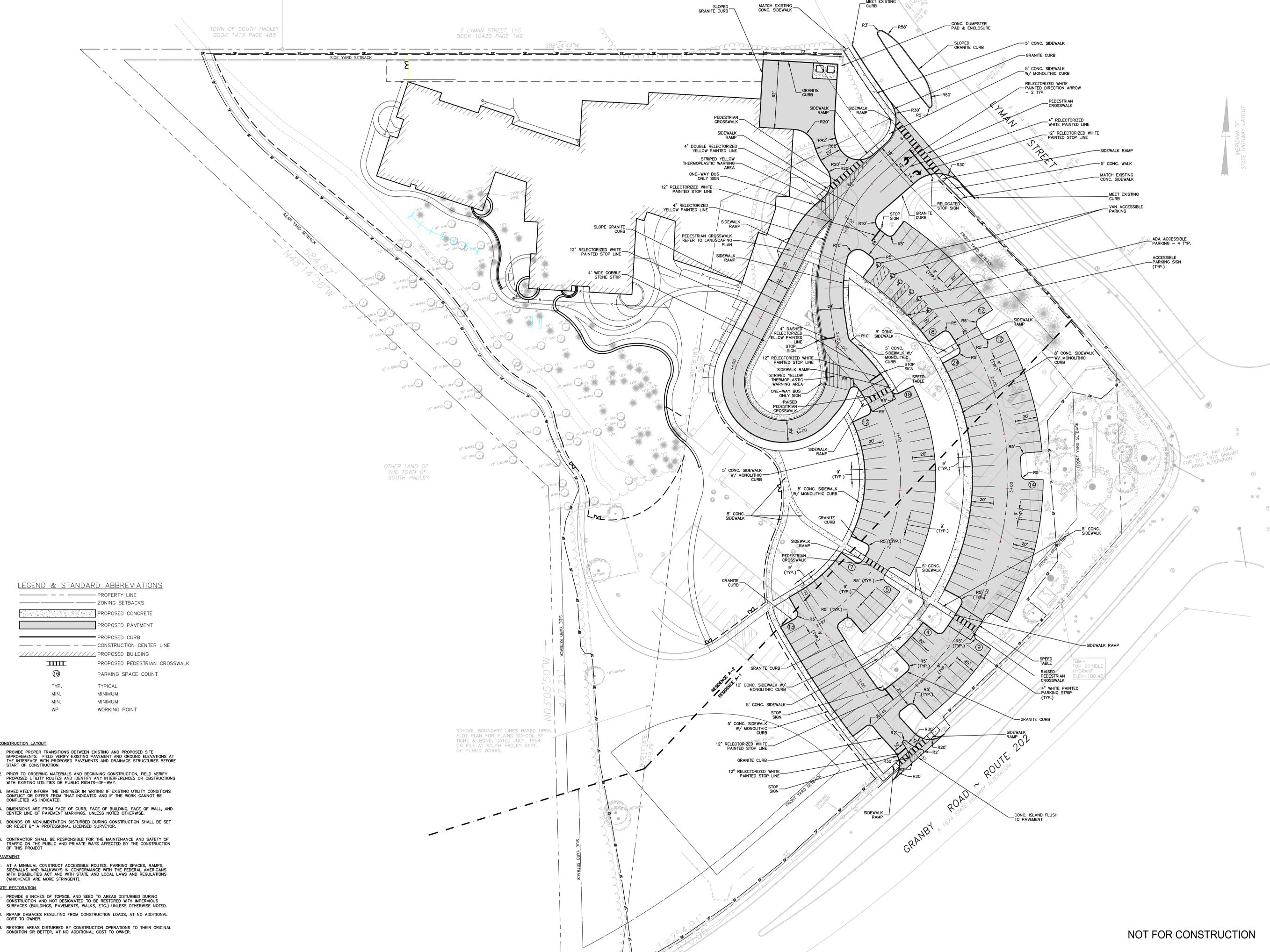
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LEGEND & STANDARD ABBREVIATIONS

- PROPERTY LINE
- ZONING SETBACKS
- ▨ PROPOSED CONCRETE
- ▨ PROPOSED PAVEMENT
- PROPOSED CURB
- CONSTRUCTION CENTER LINE
- ▨ PROPOSED BUILDING
- ▨ PROPOSED PEDESTRIAN CROSSWALK
- Ⓟ PARKING SPACE COUNT
- TYP. TYPICAL
- MIN. MINIMUM
- MIN. MINIMUM
- WP WORKING POINT

CONSTRUCTION LAYOUT

- PROVIDE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED SITE IMPROVEMENTS. FIELD VERIFY EXISTING PAVEMENT AND GROUND ELEVATIONS AT THE INTERFACE WITH PROPOSED PAVEMENTS AND DRAINAGE STRUCTURES BEFORE START OF CONSTRUCTION.
- PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, FIELD VERIFY PROPOSED UTILITY ROUTES AND IDENTIFY ANY INTERFERENCES OR OBSTRUCTIONS WITH EXISTING UTILITIES OR PUBLIC RIGHTS-OF-WAY.
- IMMEDIATELY INFORM THE ENGINEER IN WRITING IF EXISTING UTILITY CONDITIONS CONFLICT OR DIFFER FROM THAT INDICATED AND IF THE WORK CANNOT BE COMPLETED AS INDICATED.
- DIMENSIONS ARE FROM FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS NOTED OTHERWISE.
- BOUNDS OR MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND SAFETY OF TRAFFIC ON THE PUBLIC AND PRIVATE WAYS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT

PAVEMENT

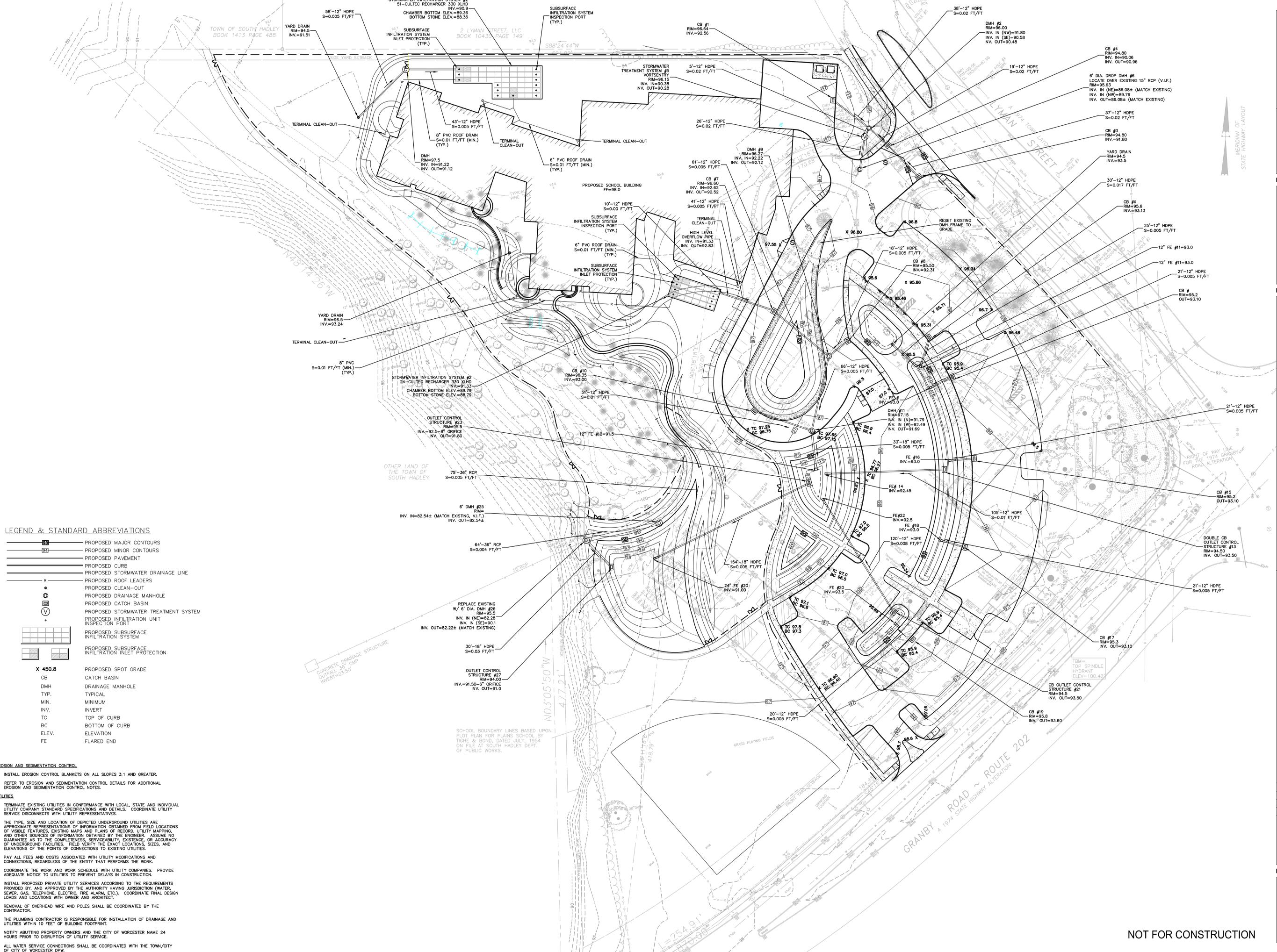
- AT A MINIMUM, CONSTRUCT ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).

SITE RESTORATION

- PROVIDE 6 INCHES OF TOPSOIL AND SEED TO AREAS DISTURBED DURING CONSTRUCTION AND NOT DESIGNATED TO BE RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) UNLESS OTHERWISE NOTED.
- REPAIR DAMAGES RESULTING FROM CONSTRUCTION LOADS, AT NO ADDITIONAL COST TO OWNER.
- RESTORE AREAS DISTURBED BY CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION OR BETTER, AT NO ADDITIONAL COST TO OWNER.

SCHOOL BOUNDARY LINES BASED UPON PLOT PLAN FOR PLAINS SCHOOL BY TIGHE & BOND, DATED JULY, 1954 ON FILE AT SOUTH HADLEY DEPT. OF PUBLIC WORKS.

TBM = TOP SPINDLE HYDRANT ELEV=100.42



LEGEND & STANDARD ABBREVIATIONS

	PROPOSED MAJOR CONTOURS
	PROPOSED MINOR CONTOURS
	PROPOSED PAVEMENT
	PROPOSED CURB
	PROPOSED STORMWATER DRAINAGE LINE
	PROPOSED ROOF LEADERS
	PROPOSED CLEAN-OUT
	PROPOSED DRAINAGE MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED STORMWATER TREATMENT SYSTEM
	PROPOSED INFILTRATION UNIT
	PROPOSED SUBSURFACE INFILTRATION SYSTEM
	PROPOSED SUBSURFACE INFILTRATION INLET PROTECTION
	PROPOSED SPOT GRADE
CB	CATCH BASIN
DMH	DRAINAGE MANHOLE
TYP.	TYPICAL
MIN.	MINIMUM
INV.	INVERT
TC	TOP OF CURB
BC	BOTTOM OF CURB
ELEV.	ELEVATION
FE	FLARED END

EROSION AND SEDIMENTATION CONTROL

1. INSTALL EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 AND GREATER.
2. REFER TO EROSION AND SEDIMENTATION CONTROL DETAILS FOR ADDITIONAL EROSION AND SEDIMENTATION CONTROL NOTES.

UTILITIES

1. TERMINATE EXISTING UTILITIES IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. COORDINATE UTILITY SERVICE DISCONNECTS WITH UTILITY REPRESENTATIVES.
2. THE TYPE, SIZE AND LOCATION OF DEPICTED UNDERGROUND UTILITIES ARE APPROXIMATE REPRESENTATIONS OF INFORMATION OBTAINED FROM FIELD LOCATIONS OF VISIBLE FEATURES, EXISTING MAPS AND PLANS OF RECORD, UTILITY MAPPING, AND OTHER SOURCES OF INFORMATION OBTAINED BY THE ENGINEER. ASSUME NO GUARANTEE AS TO THE COMPLETENESS, SERVICEABILITY, EXISTENCE, OR ACCURACY OF UNDERGROUND FACILITIES. FIELD VERIFY THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES.
3. PAY ALL FEES AND COSTS ASSOCIATED WITH UTILITY MODIFICATIONS AND CONNECTIONS, REGARDLESS OF THE ENTITY THAT PERFORMS THE WORK.
4. COORDINATE THE WORK AND WORK SCHEDULE WITH UTILITY COMPANIES. PROVIDE ADEQUATE NOTICE TO UTILITIES TO PREVENT DELAYS IN CONSTRUCTION.
5. INSTALL PROPOSED PRIVATE UTILITY SERVICES ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY THE AUTHORITY HAVING JURISDICTION (WATER, SEWER, GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). COORDINATE FINAL DESIGN LOADS AND LOCATIONS WITH OWNER AND ARCHITECT.
6. REMOVAL OF OVERHEAD WIRE AND POLES SHALL BE COORDINATED BY THE CONTRACTOR.
7. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF DRAINAGE AND UTILITIES WITHIN 10 FEET OF BUILDING FOOTPRINT.
8. NOTIFY ADJUTING PROPERTY OWNERS AND THE CITY OF WORCESTER NAME 24 HOURS PRIOR TO DISRUPTION OF UTILITY SERVICE.
9. ALL WATER SERVICE CONNECTIONS SHALL BE COORDINATED WITH THE TOWN/CITY OF CITY OF WORCESTER DPW.

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Consultants:

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SITE GRADING & DRAINAGE PLAN

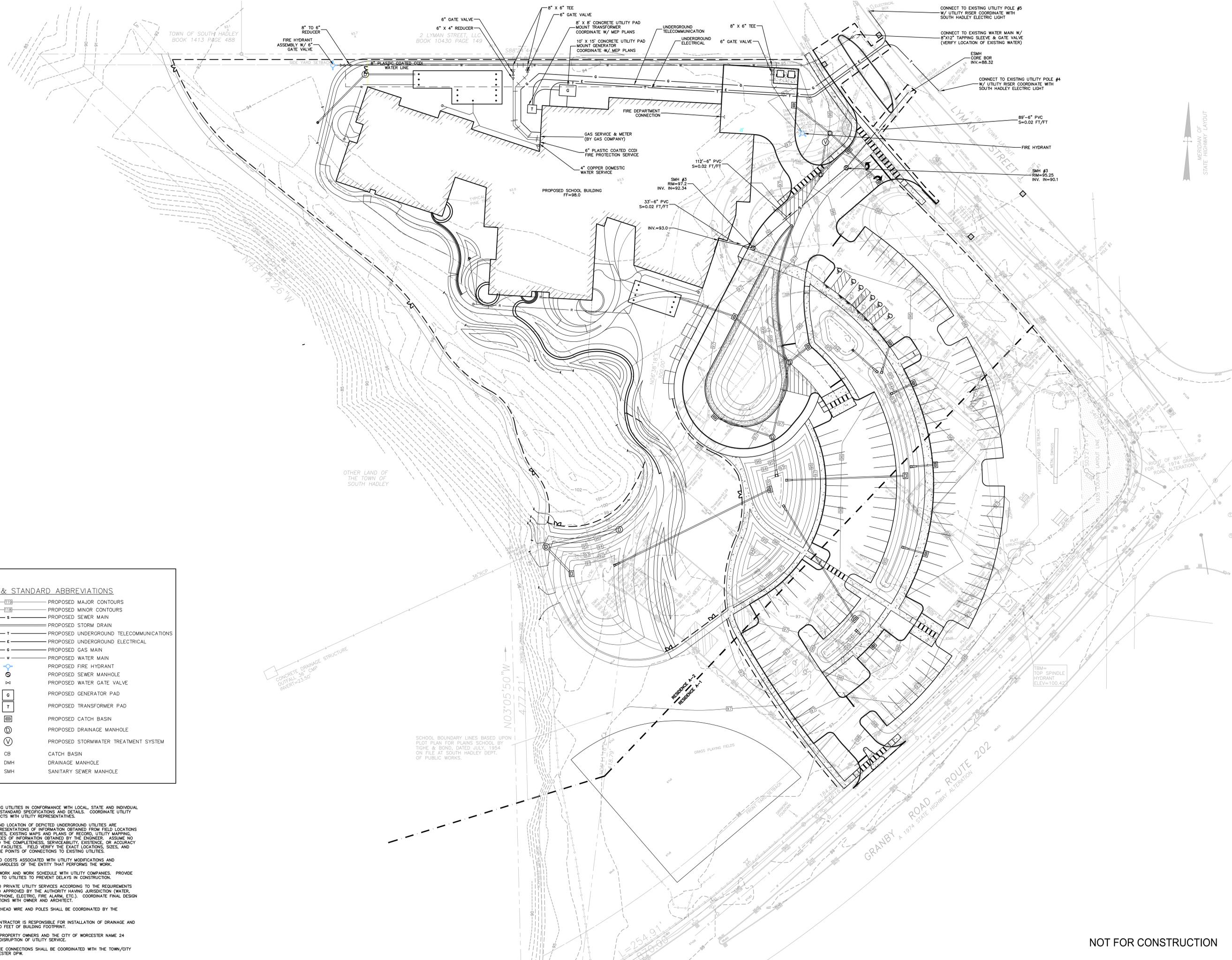
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	PROPOSED MAJOR CONTOURS
	PROPOSED MINOR CONTOURS
	PROPOSED SEWER MAIN
	PROPOSED STORM DRAIN
	PROPOSED UNDERGROUND TELECOMMUNICATIONS
	PROPOSED UNDERGROUND ELECTRICAL
	PROPOSED GAS MAIN
	PROPOSED WATER MAIN
	PROPOSED FIRE HYDRANT
	PROPOSED SEWER MANHOLE
	PROPOSED WATER GATE VALVE
	PROPOSED GENERATOR PAD
	PROPOSED TRANSFORMER PAD
	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE MANHOLE
	PROPOSED STORMWATER TREATMENT SYSTEM
CB	CATCH BASIN
DMH	DRAINAGE MANHOLE
SMH	SANITARY SEWER MANHOLE

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