

04.05.73

APPENDIX 'B'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 8 2007 FILE # 04-0593
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

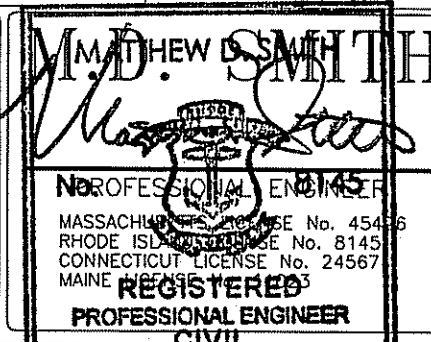
Ernest D. Wenzel

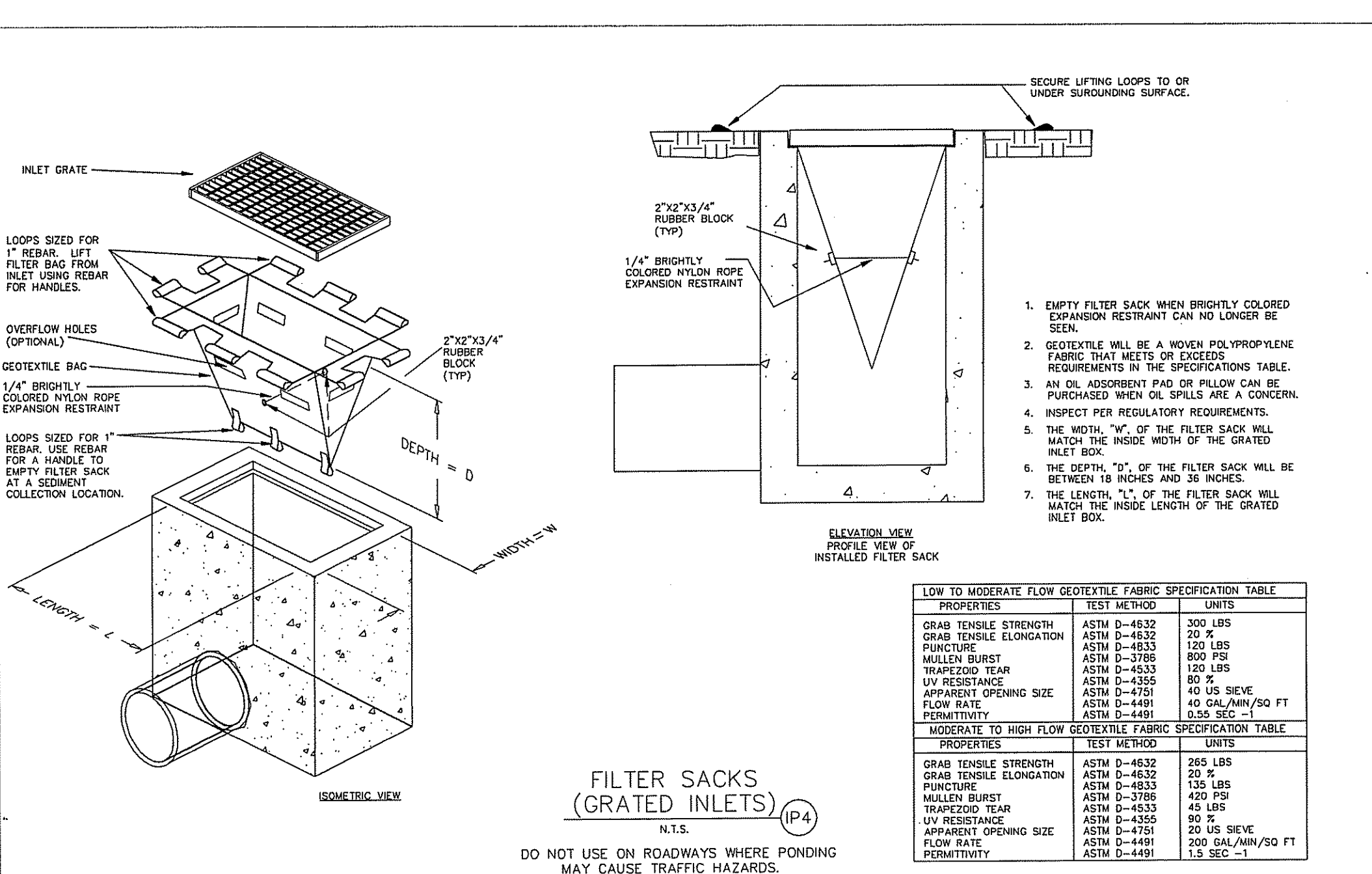
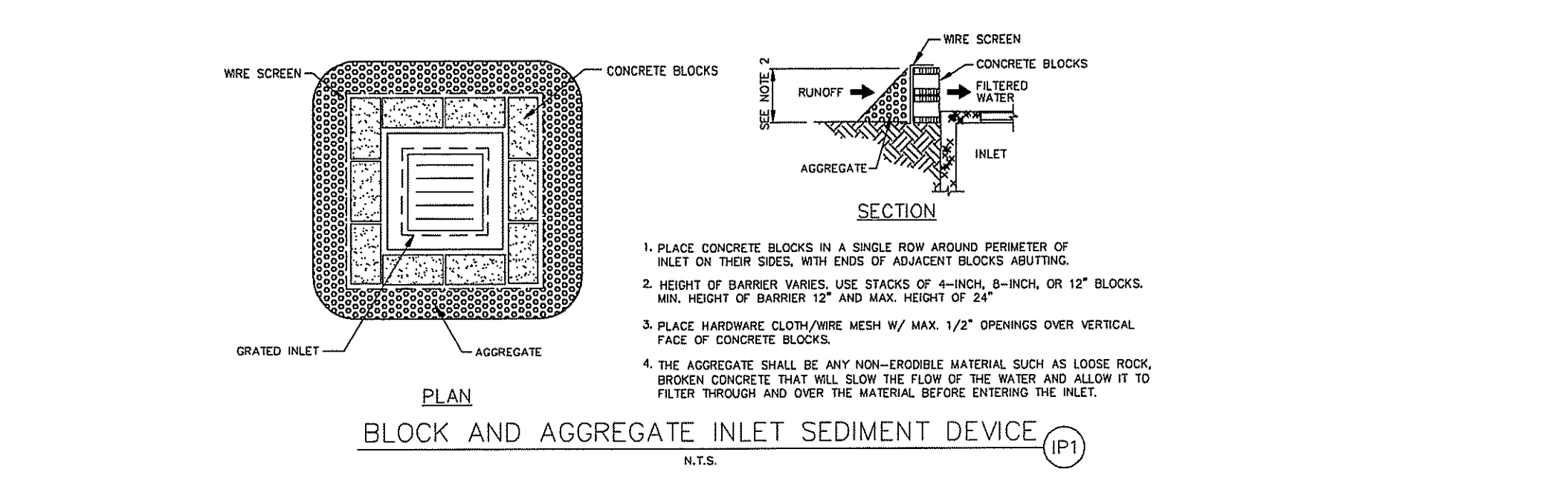
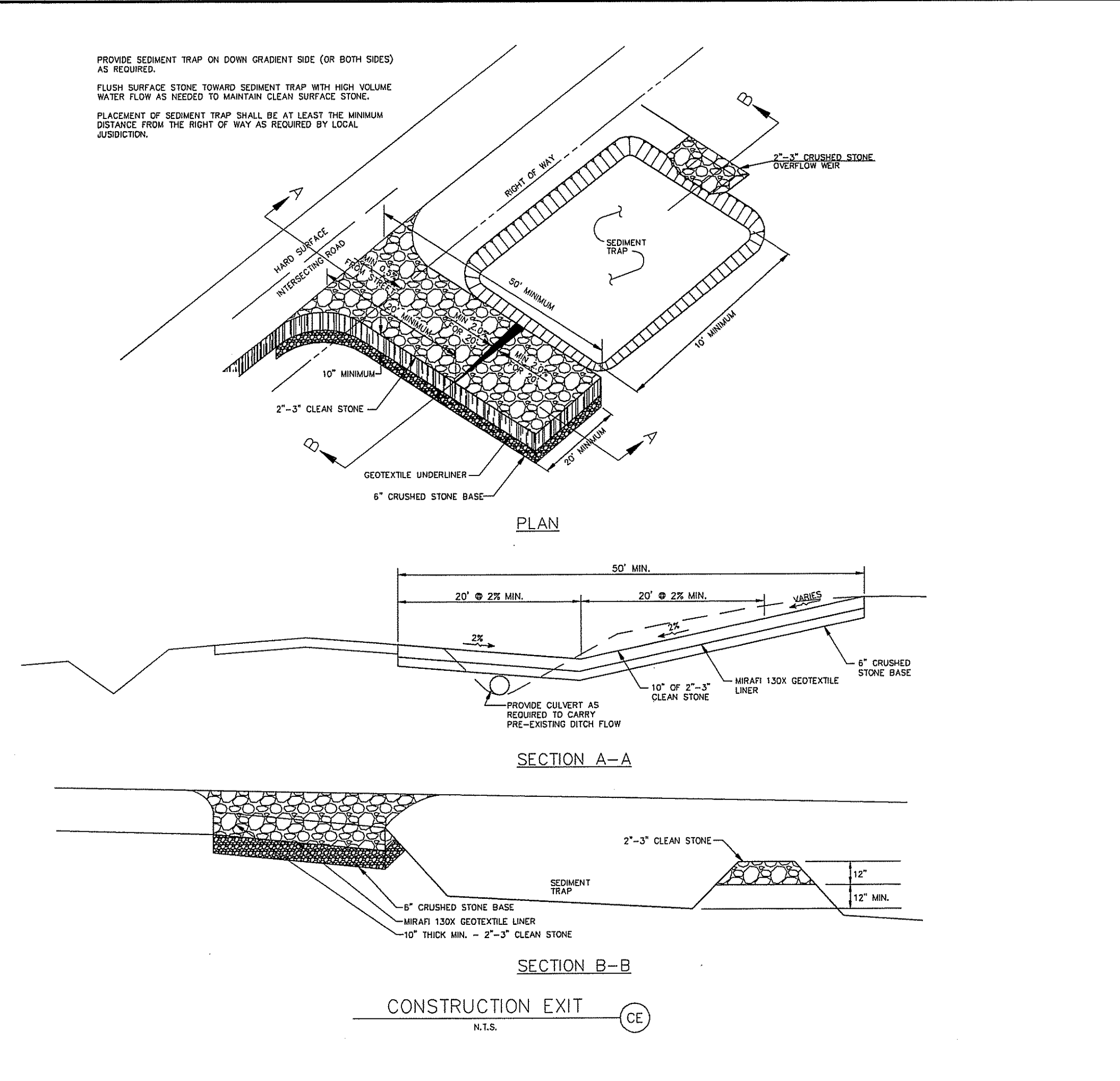
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The site plan illustrates the proposed expansion of a Wal-Mart store at 2228-04, located on Diamond Hill Road (Rt. 114) in Narragansett, Rhode Island. The central feature is a large rectangular building footprint labeled "WAL-MART EXPANSION STORE #2228-04" with a project identifier "C-185-SGL-01". Surrounding this central area are numerous numbered lots, including LOT 52-6, LOT 52-7, LOT 52-22, LOT 53-5, LOT 53-9, LOT 53-36, LOT 53-3, LOT 53-23, LOT 53-22, LOT 53-24, LOT 53-4, LOT 53-25, LOT 53-26, LOT 53-27, LOT 53-28, LOT 53-29, LOT 53-30, LOT 53-31, LOT 53-32, LOT 53-33, LOT 53-34, LOT 53-35, LOT 53-36, LOT 53-37, LOT 53-38, LOT 53-39, LOT 53-40, LOT 53-41, LOT 53-42, LOT 53-43, LOT 53-44, LOT 53-45, LOT 53-46, LOT 53-47, LOT 53-48, LOT 53-49, LOT 53-50, LOT 53-51, LOT 53-52, LOT 53-53, LOT 53-54, LOT 53-55, LOT 53-56, LOT 53-57, LOT 53-58, LOT 53-59, LOT 53-60, LOT 53-61, LOT 53-62, LOT 53-63, LOT 53-64, LOT 53-65, LOT 53-66, LOT 53-67, LOT 53-68, LOT 53-69, LOT 53-70, LOT 53-71, LOT 53-72, LOT 53-73, LOT 53-74, LOT 53-75, LOT 53-76, LOT 53-77, LOT 53-78, LOT 53-79, LOT 53-80, LOT 53-81, LOT 53-82, LOT 53-83, LOT 53-84, LOT 53-85, LOT 53-86, LOT 53-87, LOT 53-88, LOT 53-89, LOT 53-90, LOT 53-91, LOT 53-92, LOT 53-93, LOT 53-94, LOT 53-95, LOT 53-96, LOT 53-97, LOT 53-98, LOT 53-99, LOT 53-100, LOT 53-101, LOT 53-102, LOT 53-103, LOT 53-104, LOT 53-105, LOT 53-106, LOT 53-107, LOT 53-108, LOT 53-109, LOT 53-110, LOT 53-111, LOT 53-112, LOT 53-113, LOT 53-114, LOT 53-115, LOT 53-116, LOT 53-117, LOT 53-118, LOT 53-119, LOT 53-120, LOT 53-121, LOT 53-122, LOT 53-123, LOT 53-124, LOT 53-125, LOT 53-126, LOT 53-127, LOT 53-128, LOT 53-129, LOT 53-130, LOT 53-131, LOT 53-132, LOT 53-133, LOT 53-134, LOT 53-135, LOT 53-136, LOT 53-137, LOT 53-138, LOT 53-139, LOT 53-140, LOT 53-141, LOT 53-142, LOT 53-143, LOT 53-144, LOT 53-145, LOT 53-146, LOT 53-147, LOT 53-148, LOT 53-149, LOT 53-150, LOT 53-151, LOT 53-152, LOT 53-153, LOT 53-154, LOT 53-155, LOT 53-156, LOT 53-157, LOT 53-158, LOT 53-159, LOT 53-160, LOT 53-161, LOT 53-162, LOT 53-163, LOT 53-164, LOT 53-165, LOT 53-166, LOT 53-167, LOT 53-168, LOT 53-169, LOT 53-170, LOT 53-171, LOT 53-172, LOT 53-173, LOT 53-174, LOT 53-175, LOT 53-176, LOT 53-177, LOT 53-178, LOT 53-179, LOT 53-180, LOT 53-181, LOT 53-182, LOT 53-183, LOT 53-184, LOT 53-185, LOT 53-186, LOT 53-187, LOT 53-188, LOT 53-189, LOT 53-190, LOT 53-191, LOT 53-192, LOT 53-193, LOT 53-194, LOT 53-195, LOT 53-196, LOT 53-197, LOT 53-198, LOT 53-199, LOT 53-200, LOT 53-201, LOT 53-202, LOT 53-203, LOT 53-204, LOT 53-205, LOT 53-206, LOT 53-207, LOT 53-208, LOT 53-209, LOT 53-210, LOT 53-211, LOT 53-212, LOT 53-213, LOT 53-214, LOT 53-215, LOT 53-216, LOT 53-217, LOT 53-218, LOT 53-219, LOT 53-220, LOT 53-221, LOT 53-222, LOT 53-223, LOT 53-224, LOT 53-225, LOT 53-226, LOT 53-227, LOT 53-228, LOT 53-229, LOT 53-230, LOT 53-231, LOT 53-232, LOT 53-233, LOT 53-234, LOT 53-235, LOT 53-236, LOT 53-237, LOT 53-238, LOT 53-239, LOT 53-240, LOT 53-241, LOT 53-242, LOT 53-243, LOT 53-244, LOT 53-245, LOT 53-246, LOT 53-247, LOT 53-248, LOT 53-249, LOT 53-250, LOT 53-251, LOT 53-252, LOT 53-253, LOT 53-254, LOT 53-255, LOT 53-256, LOT 53-257, LOT 53-258, LOT 53-259, LOT 53-260, LOT 53-261, LOT 53-262, LOT 53-263, LOT 53-264, LOT 53-265, LOT 53-266, LOT 53-267, LOT 53-268, LOT 53-269, LOT 53-270, LOT 53-271, LOT 53-272, LOT 53-273, LOT 53-274, LOT 53-275, LOT 53-276, LOT 53-277, LOT 53-278, LOT 53-279, LOT 53-280, LOT 53-281, LOT 53-282, LOT 53-283, LOT 53-284, LOT 53-285, LOT 53-286, LOT 53-287, LOT 53-288, LOT 53-289, LOT 53-290, LOT 53-291, LOT 53-292, LOT 53-293, LOT 53-294, LOT 53-295, LOT 53-296, LOT 53-297, LOT 53-298, LOT 53-299, LOT 53-300, LOT 53-301, LOT 53-302, LOT 53-303, LOT 53-304, LOT 53-305, LOT 53-306, LOT 53-307, LOT 53-308, LOT 53-309, LOT 53-310, LOT 53-311, LOT 53-312, LOT 53-313, LOT 53-314, LOT 53-315, LOT 53-316, LOT 53-317, LOT 53-318, LOT 53-319, LOT 53-320, LOT 53-321, LOT 53-322, LOT 53-323, LOT 53-324, LOT 53-325, LOT 53-326, LOT 53-327, LOT 53-328, LOT 53-329, LOT 53-330, LOT 53-331, LOT 53-332, LOT 53-333, LOT 53-334, LOT 53-335, LOT 53-336, LOT 53-337, LOT 53-338, LOT 53-339, LOT 53-340, LOT 53-341, LOT 53-342, LOT 53-343, LOT 53-344, LOT 53-345, LOT 53-346, LOT 53-347, LOT 53-348, LOT 53-349, LOT 53-350, LOT 53-351, LOT 53-352, LOT 53-353, LOT 53-354, LOT 53-355, LOT 53-356, LOT 53-357, LOT 53-358, LOT 53-359, LOT 53-360, LOT 53-361, LOT 53-362, LOT 53-363, LOT 53-364, LOT 53-365, LOT 53-366, LOT 53-367, LOT 53-368, LOT 53-369, LOT 53-370, LOT 53-371, LOT 53-372, LOT 53-373, LOT 53-374, LOT 53-375, LOT 53-376, LOT 53-377, LOT 53-378, LOT 53-379, LOT 53-380, LOT 53-381, LOT 53-382, LOT 53-383, LOT 53-384, LOT 53-385, LOT 53-386, LOT 53-387, LOT 53-388, LOT 53-389, LOT 53-390, LOT 53-391, LOT 53-392, LOT 53-393, LOT 53-394, LOT 53-395, LOT 53-396, LOT 53-397, LOT 53-398, LOT 53-399, LOT 53-400, LOT 53-401, LOT 53-402, LOT 53-403, LOT 53-404, LOT 53-405, LOT 53-406, LOT 53-407, LOT 53-408, LOT 53-409, LOT 53-410, LOT 53-411, LOT 53-412, LOT 53-413, LOT 53-414, LOT 53-415, LOT 53-416, LOT 53-417, LOT 53-418, LOT 53-419, LOT 53-420, LOT 53-421, LOT 53-422, LOT 53-423, LOT 53-424, LOT 53-425, LOT 53-426, LOT 53-427, LOT 53-428, LOT 53-429, LOT 53-430, LOT 53-431, LOT 53-432, LOT 53-433, LOT 53-434, LOT 53-435, LOT 53-436, LOT 53-437, LOT 53-438, LOT 53-439, LOT 53-440, LOT 53-441, LOT 53-442, LOT 53-443, LOT 53-444, LOT 53-445, LOT 53-446, LOT 53-447, LOT 53-448, LOT 53-449, LOT 53-450, LOT 53-451, LOT 53-452, LOT 53-453, LOT 53-454, LOT 53-455, LOT 53-456, LOT 53-457, LOT 53-458, LOT 53-459, LOT 53-460, LOT 53-461, LOT 53-462, LOT 53-463, LOT 53-4

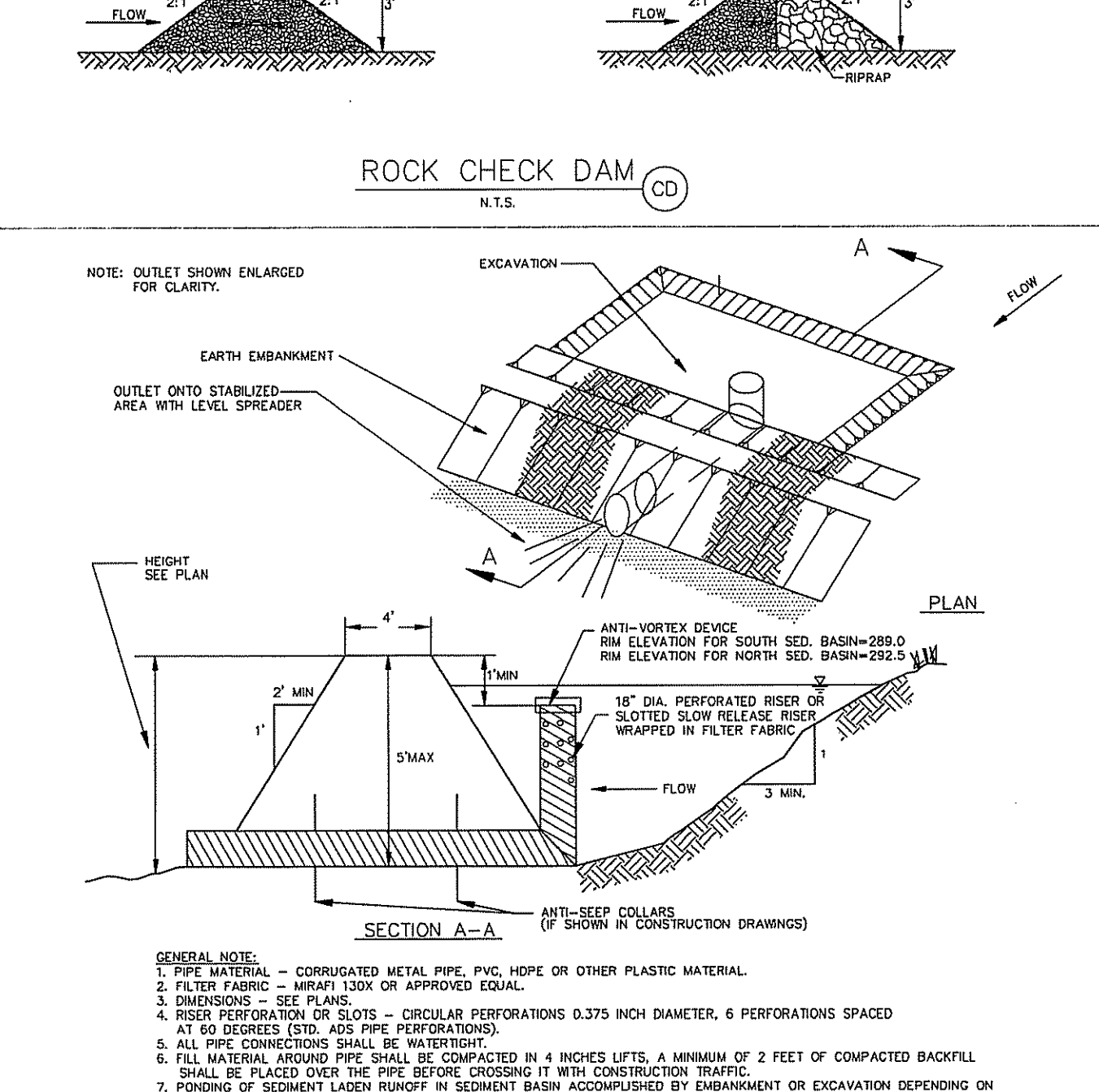
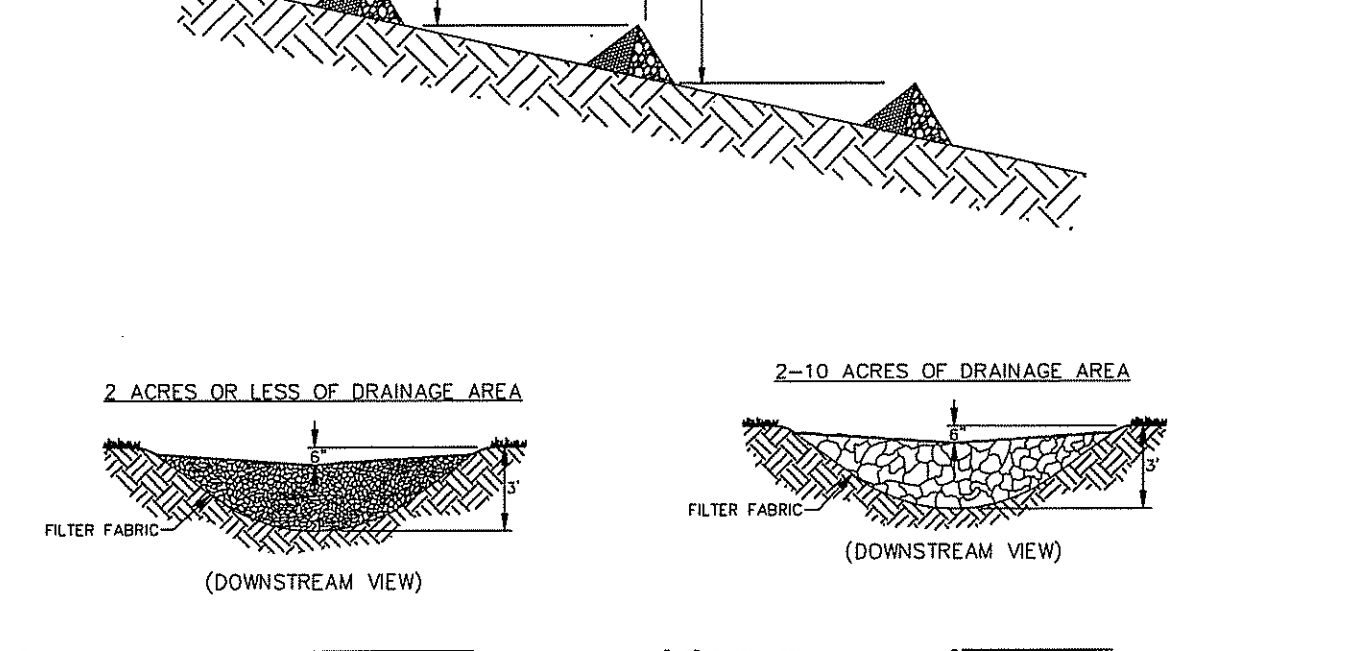
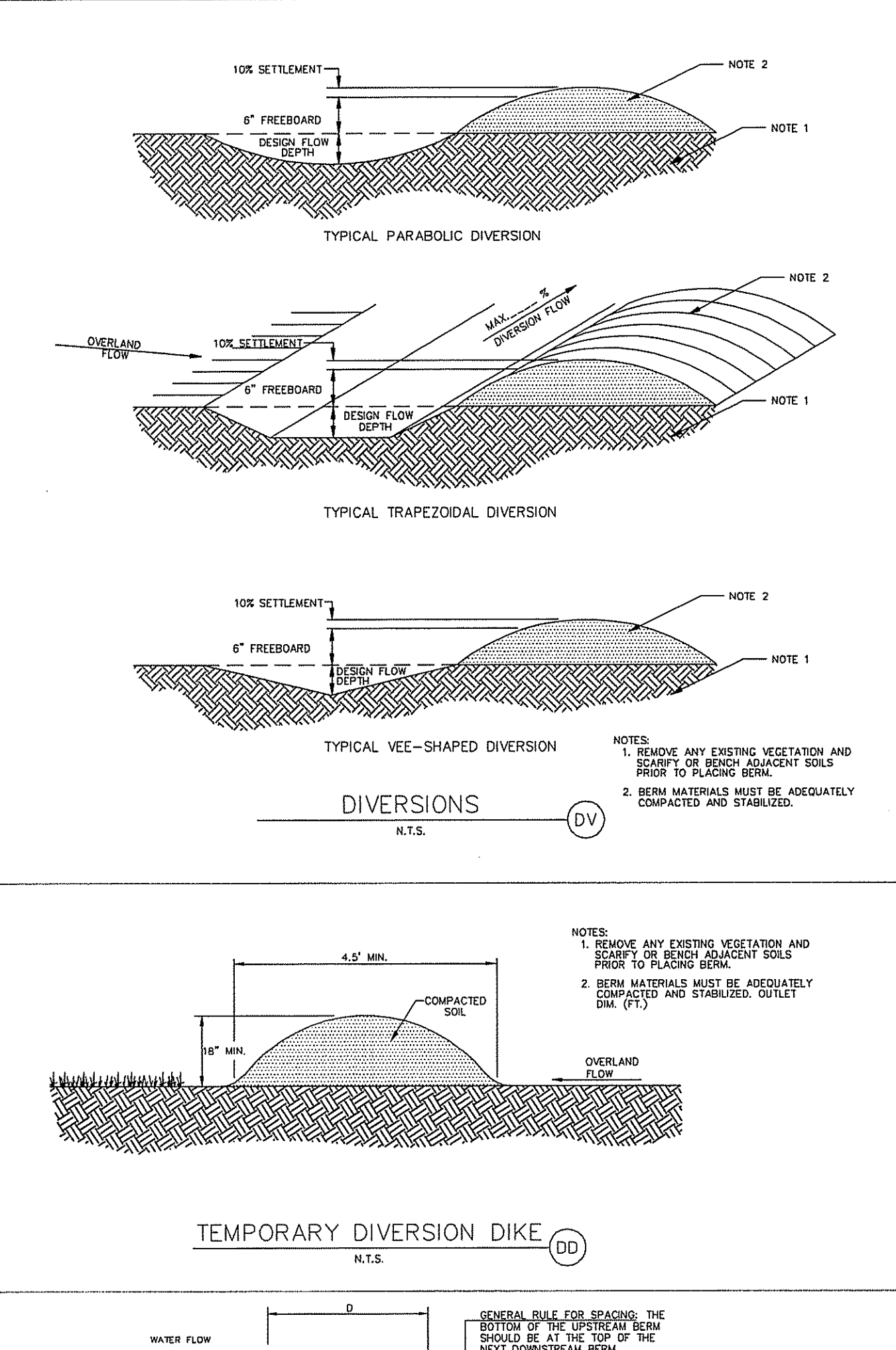
ANY PERSON IS PROHIBITED FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE WRITTEN DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF THE FIRM. IN THE EVENT SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER OF THE FIRM MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS.

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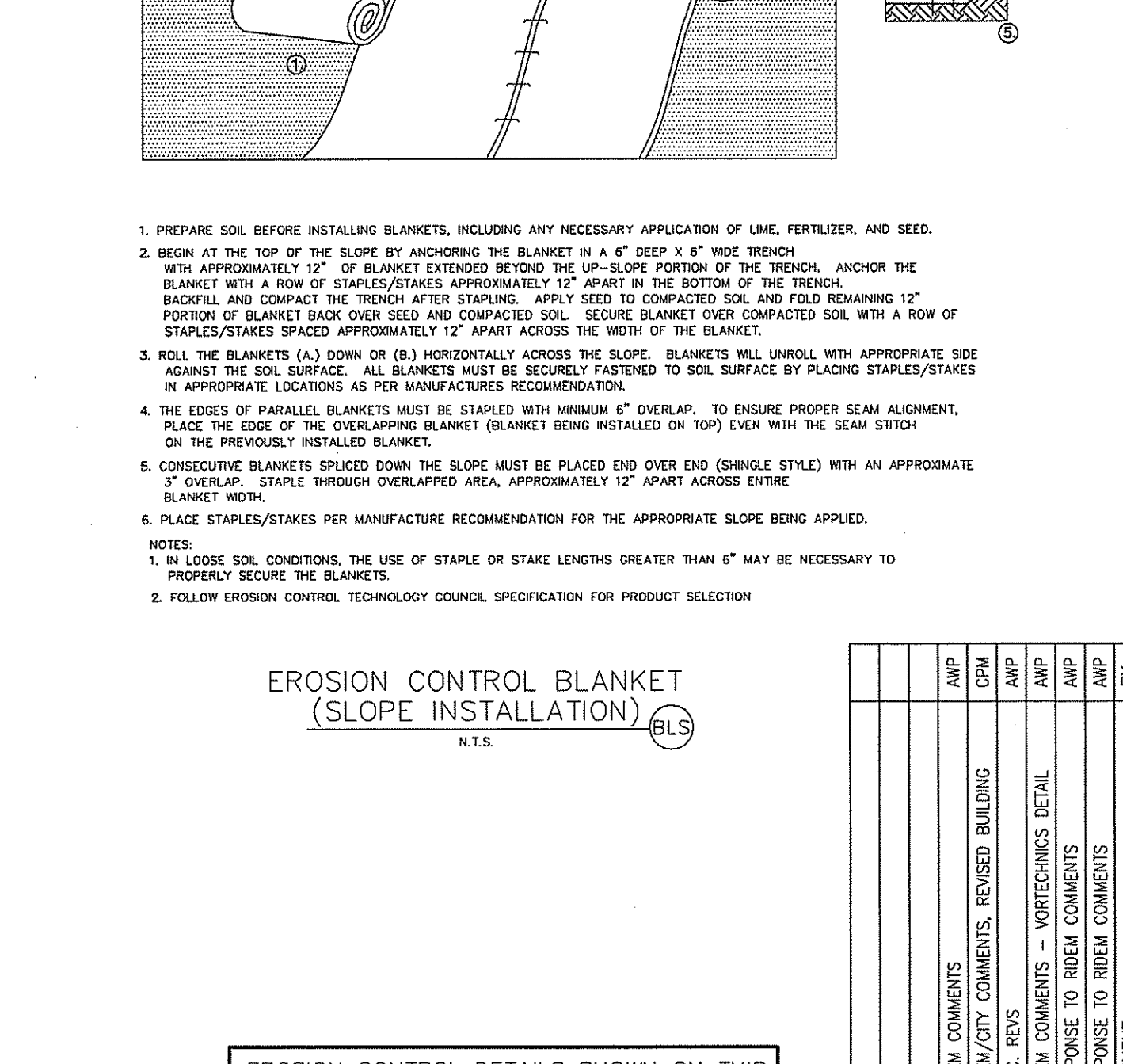
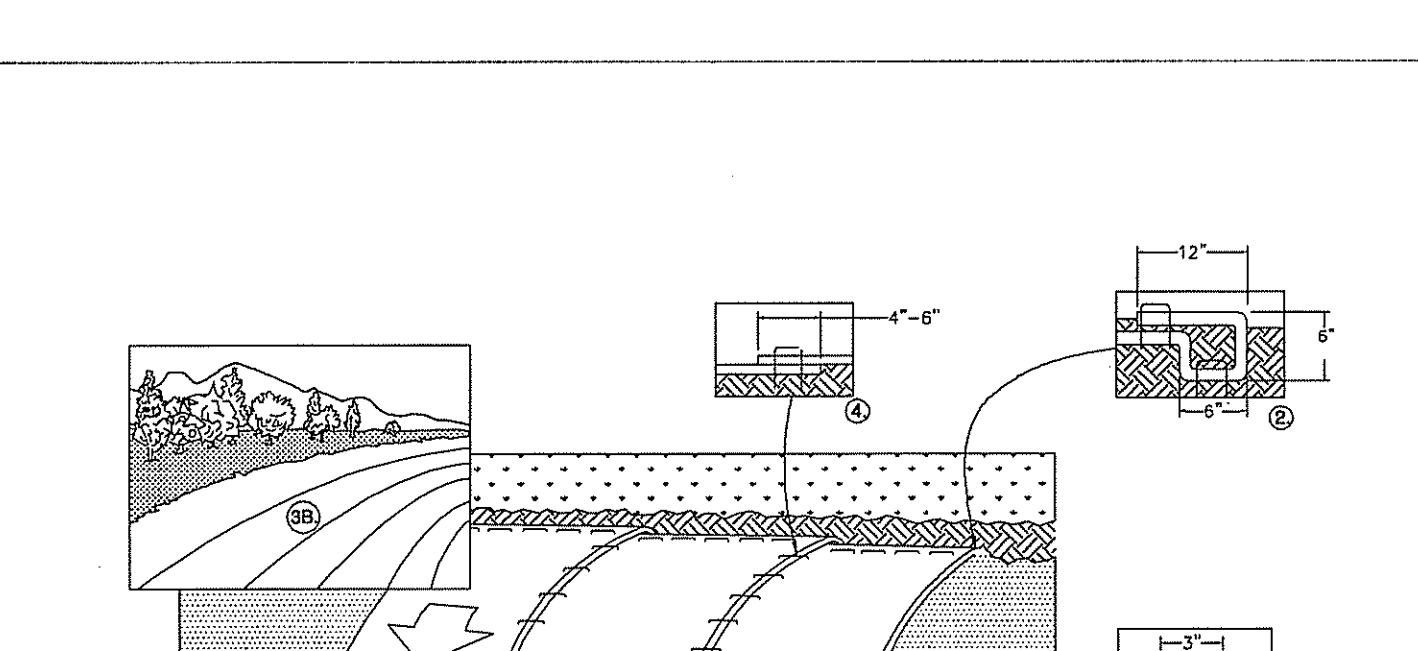
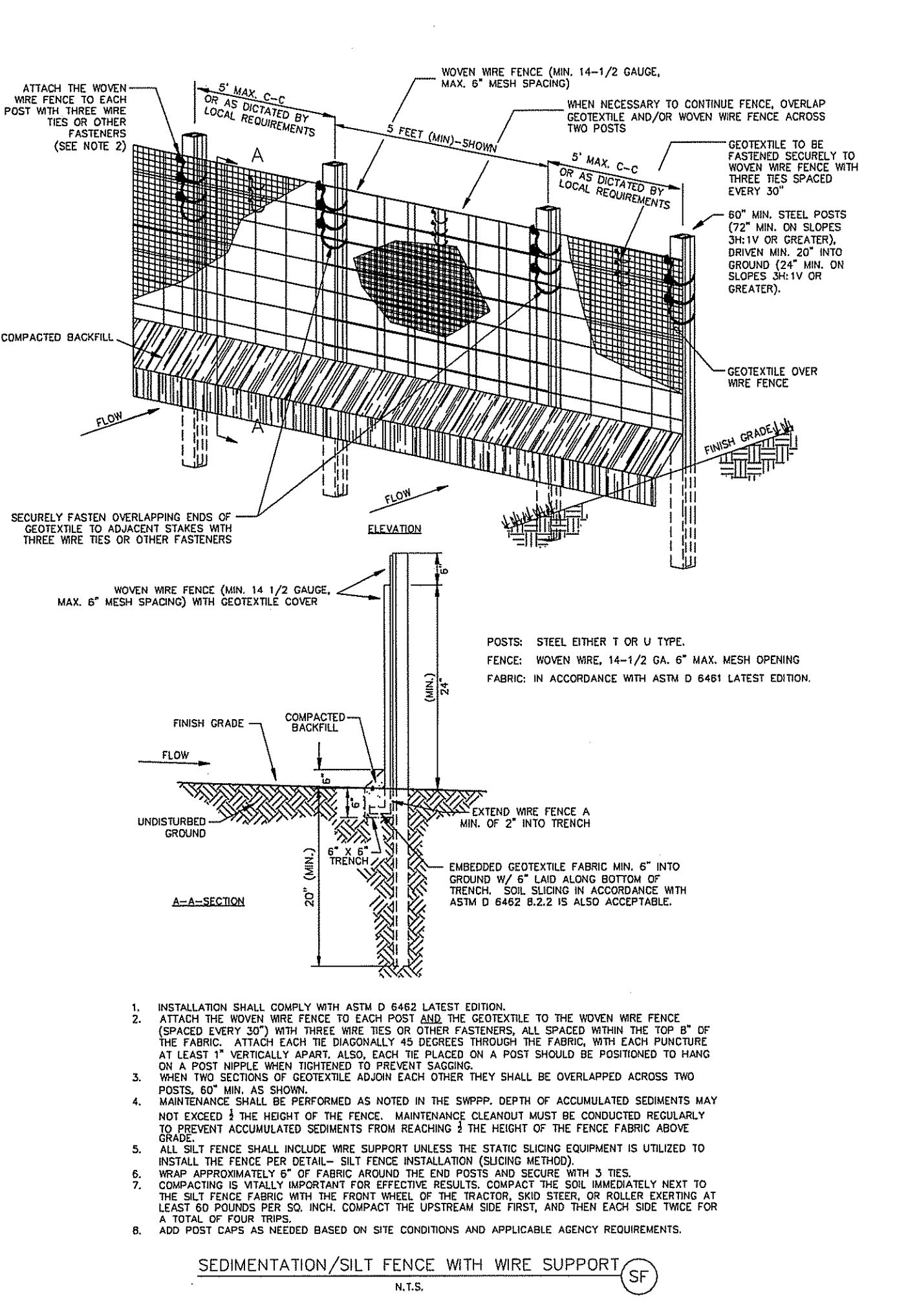




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EROSION CONTROL DETAILS SHOWN ON THIS SHEET ARE WAL-MART STANDARD DETAILS.



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BOHLER ENGINEERING, P.C.
CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS • ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS

352 Turnpike Road
Southborough, MA 01772
508.480.9080
www.bohlereng.com

PROJECT: **WAL-MART STORES, INC.**
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: **EROSION & SEDIMENT CONTROL DETAILS**

SCALE: (H) NONE (V) NONE DATE: 02/23/05 SHEET No: 4 OF 27

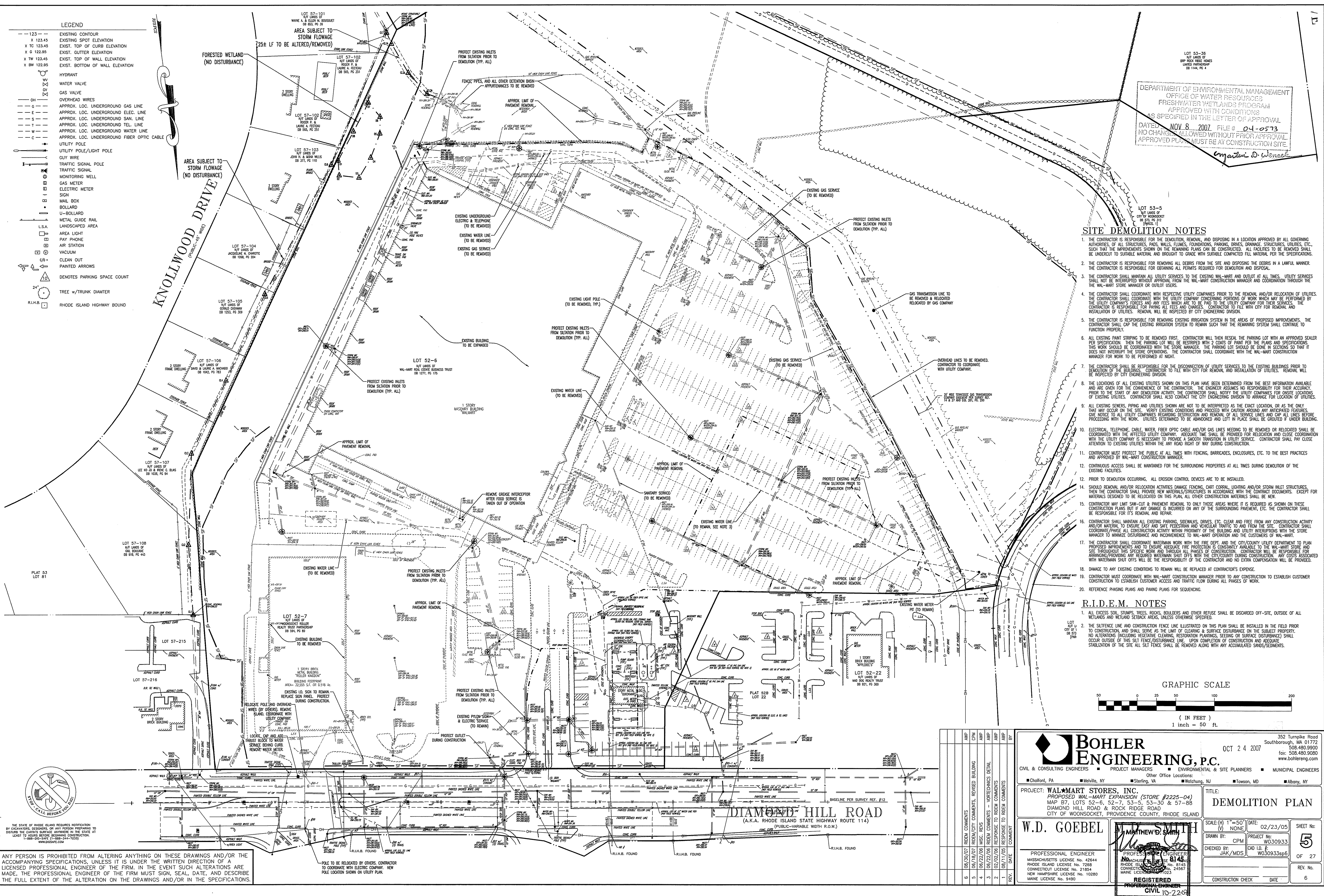
DRAWN BY: CPM PROJECT No: WQ30933

CHECKED BY: JAK/MDS CAD ID: WQ30933sp6

CONSTRUCTION CHECK DATE

PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 42644
RHODE ISLAND LICENSE No. 7256
CONNECTICUT LICENSE No. 21854
NEW HAMPSHIRE LICENSE No. 10280
MAINE LICENSE No. 9480

REGISTERED PROFESSIONAL ENGINEER
CIVIL 10-22-81



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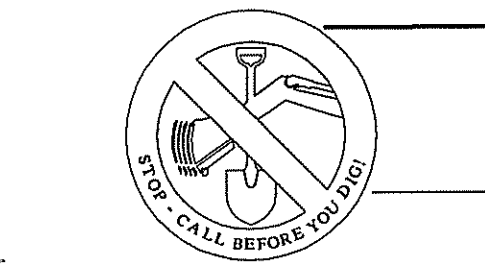
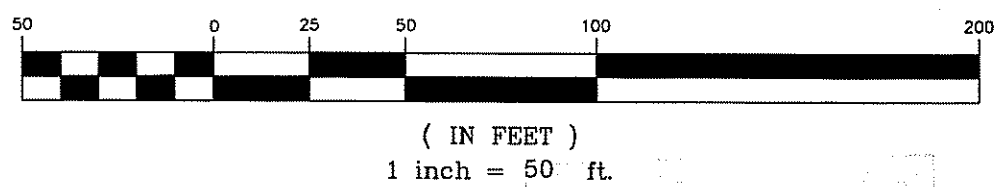
SITE DEMOLITION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FENCES, FOUNDATIONS, PARKING DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING OF THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES SERVICES TO THE EXISTING WAL-MART AND OUTLET AT ALL TIMES. UTILITY SERVICES SHALL NOT BE INTERRUPTED WITHOUT APPROVAL FROM THE WAL-MART CONSTRUCTION MANAGER AND COORDINATION THROUGH THE WAL-MART STORE MANAGER OR OUTLET USERS.
4. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES. THE CONTRACTOR TO FILE WITH CITY FOR REMOVAL AND INSTALLATION OF UTILITIES. REMOVAL WILL BE INSPECTED BY CITY ENGINEERING DIVISION.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING EXISTING IRRIGATION SYSTEM IN THE AREAS OF PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL CAP THE EXISTING IRRIGATION SYSTEM TO REMAIN SUCH THAT THE REMAINING SYSTEM SHALL CONTINUE TO FUNCTION PROPERLY.
6. ALL EXISTING PAINT STRIPPING TO BE REMOVED FIRST. CONTRACTOR WILL THEN RESEAL THE PARKING LOT WITH AN APPROVED SEALER PER SPECIFICATION. THEN THE PARKING LOT WILL BE RESTORED WITH 2 COATS OF PAINT PER THE PLANS AND SPECIFICATIONS. THIS WORK SHOULD BE COORDINATED WITH THE STORE MANAGER. THE PARKING LOT SHOULD BE DONE IN SECTIONS SO THAT IT DOES NOT INTERRUPT THE STORE OPERATIONS. THE STORE OPERATIONS, THE CONTRACTOR SHALL COORDINATE WITH THE WAL-MART CONSTRUCTION MANAGER FOR WORK TO BE PERFORMED AT NIGHT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDINGS. CONTRACTOR TO FILE WITH CITY FOR REMOVAL AND INSTALLATION OF UTILITIES. REMOVAL WILL BE RESPONSIBLE FOR CITY ENGINEERING DIVISION.
8. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES. CONTRACTOR SHALL ALSO CONTACT THE CITY ENGINEERING DIVISION TO ARRANGE FOR LOCATION OF UTILITIES.
9. ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERFERED AS THE EXISTING LOCATION OR AS THE LINE THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DEMOLITION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUNDED IF UNDER BUILDING.
10. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE ANY ROAD RIGHT OF WAY DURING CONSTRUCTION.
11. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. TO THE BEST PRACTICES AND APPROVED BY WAL-MART CONSTRUCTION MANAGER.
12. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
13. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
14. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE FENCING, CART CORRAL, LIGHTING AND/OR STORM INLET STRUCTURES, THEN THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. EXCEPT FOR MATERIALS DESIGNED TO BE RELOCATED ON THIS PLAN, ALL OTHER CONSTRUCTION MATERIALS SHALL BE NEW.
15. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
16. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE. CONTRACTOR SHALL COORDINATE/PHASE ALL CONSTRUCTION ACTIVITY WITHIN PROXIMITY OF THE BUILDING AND UTILITY INTERFERENCE WITH THE STORE MANAGER TO MINIMIZE DISTURBANCE AND INCONVENIENCE TO WAL-MART OPERATION AND THE CUSTOMERS OF WAL-MART.
17. THE CONTRACTOR SHALL COORDINATE WATERMAIN WORK WITH THE FIRE DEPT. AND THE CITY/COUNTY UTILITY DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE WAL-MART STORE AND SITE THROUGHOUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATERMAIN SHUT OFFS WITH THE CITY/COUNTY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATERMAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION WILL BE PROVIDED.
18. DAMAGE TO ANY EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
19. CONTRACTOR MUST COORDINATE WITH WAL-MART CONSTRUCTION MANAGER PRIOR TO ANY CONSTRUCTION TO ESTABLISH CUSTOMER CONSTRUCTION TO ESTABLISH CUSTOMER ACCESS AND TRAFFIC FLOW DURING ALL PHASES OF WORK.
20. REFERENCE PHASING PLANS AND PAVING PLANS FOR SEQUENCING.

R.I.D.E.M. NOTES

1. ALL EXCESS SOIL, STUMPS, TREES, ROCKS, Boulders AND OTHER REFUSE SHALL BE DISCARDED OFF-SITE, OUTSIDE OF ALL WETLANDS AND WETLAND SETBACK AREAS, UNLESS OTHERWISE SPECIFIED.
2. THE SILENCE LINE AND CONSTRUCTION FENCE LINE ILLUSTRATED ON THIS PLAN SHALL BE INSTALLED IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL BE MAINTAINED TO THE LIMIT OF CLEARING & SURFACE DISTURBANCE ON THE SUBJECT PROPERTY. NO ALTERATIONS INCLUDING VEGETATIVE CLEARING, RESTORATION PLANTINGS, SEEDING OR SURFACE DISTURBANCE SHALL OCCUR OUTSIDE OF THIS SILENCE/DISTURBANCE LINE. UPON COMPLETION OF CONSTRUCTION AND ADEQUATE STABILIZATION OF THE SITE ALL SILENCE LINE SHALL BE REMOVED ALONG WITH ANY ACCUMULATED SANDS/SEDIMENTS.

GRAPHIC SCALE



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CIVIL & CONSULTING ENGINEERS

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508.480.9900
fax: 508.480.9000
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PROJECT: **WAL-MART STORES, INC.**
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

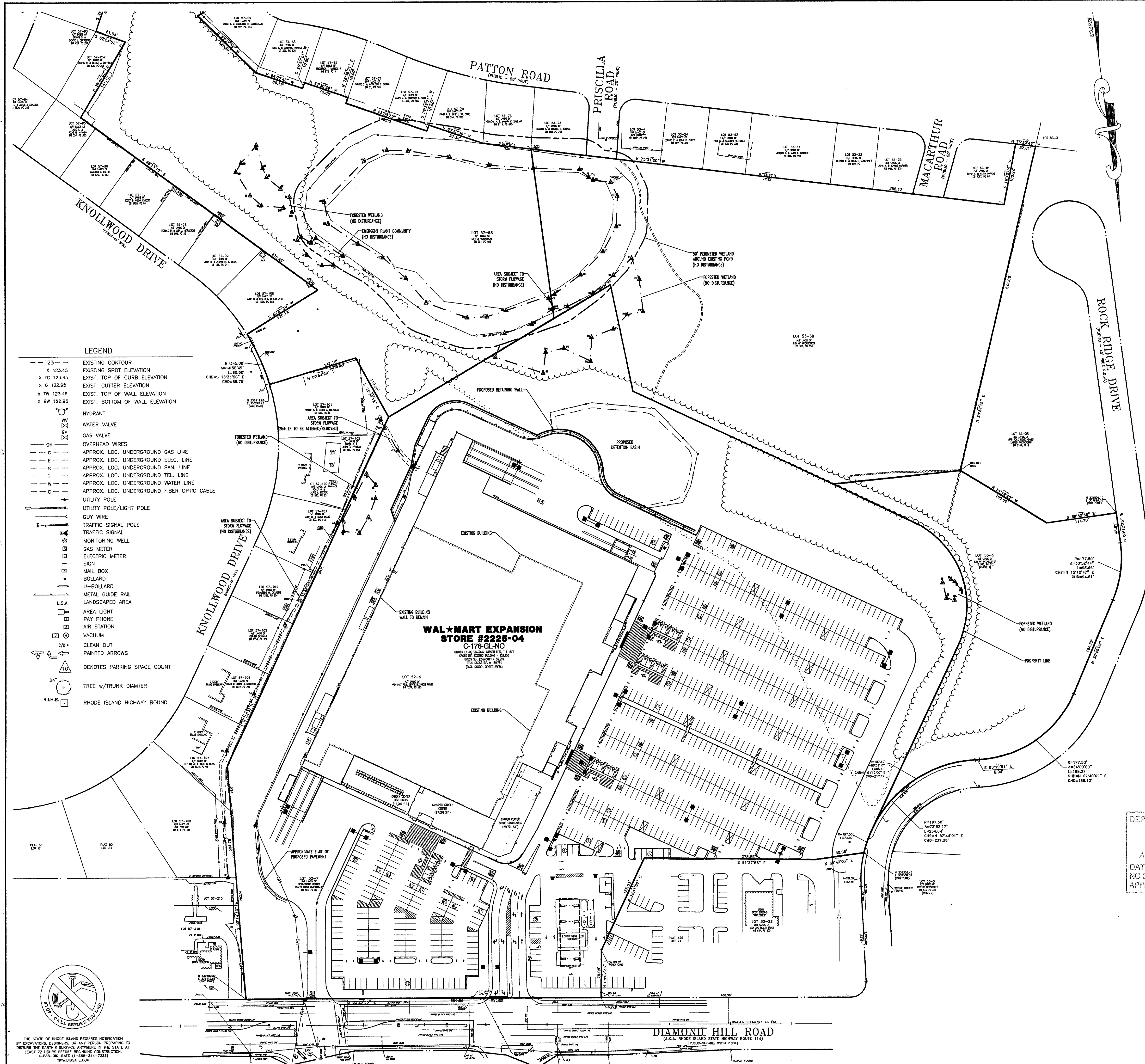
DATE: 02/23/05
DRAWN BY: CPN
CHECKED BY: JAK/MDS
CONSTRUCTION CHECK

SCALE: (H) 1"=50'
(V) NONE
PROJECT No: WO30933
CAD LD. #: WO30933sp6
REV. No: 5
OF 27

PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 42644
RHODE ISLAND LICENSE NO. 8145
CONNECTICUT LICENSE NO. 21854
NEW HAMPSHIRE LICENSE NO. 10280
MAINE LICENSE NO. 9490

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REGISTERED PROFESSIONAL ENGINEER
CIVIL 10-22-09



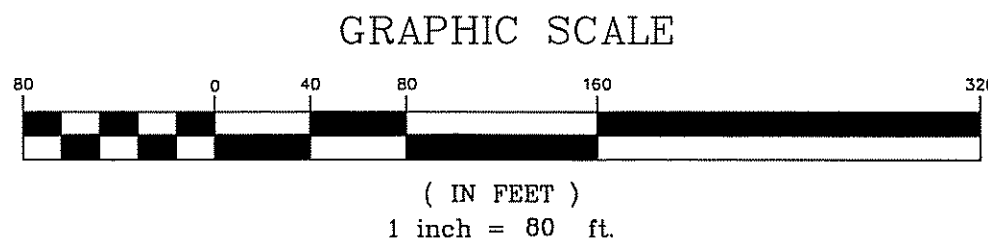
ZONING SUMMARY			
ZONE: C-2 COMMERCIAL			
RETAIL SALES - PERMITTED BY RIGHT			
ZONE CRITERIA	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT SIZE	6,000 S.F.	88.4 ACRES	20.64 ACRES
MAX. FLOOR AREA RATIO (1)	0.4	0.22	0.21
MINIMUM FRONT SETBACK	20'	295'±	295.4' (BUILDING)
MINIMUM SIDE SETBACK (2)	10'	43'±	230.6' (GARDEN CENTER)
MINIMUM REAR SETBACK	25'	120'±	254.1'
MAX. BUILDING HEIGHT	60'± STORIES	1 STORY	LESS THAN 60'± STORIES
MIN. INTERIOR LANDSCAPING	5%	5%	5.7%
PARKING SPACES	752	517	784
PARKING RATIO	4.0/1,000 S.F.	4.27/1,000 S.F.	4.17/1,000 S.F.
PARKING CRITERIA (9'x18')	4.0 SPACES PER 1,000 S.F. OF NET FLOOR AREA 4.0 SPACES/1,000 S.F. x 187,822 S.F. = 751.3 = 752 SPACES REQUIRED (3)		

- (1) MAX. FLOOR AREA RATIO SHALL BE INCREASED TO 0.5 IF 25% OR MORE OF THE TOTAL LOT AREA IS PRESERVED OR MAINTAINED AS NATURAL OPEN SPACE.
- (2) MINIMUM SIDE SETBACK IS 25-FEET WHEN ADJUTING RESIDENTIAL ZONE OR USE.
- (3) BUILDING S.F. INCLUDES 7,068 S.F. CANOPIED GARDEN CENTER.

SITE PLAN NOTES

1. APPLICANT: WAL-MART STORES, INC.
BENTONVILLE, ARKANSAS 72716-0550
2001 SOUTHEAST 10TH STREET
2. LOT SHOWN AS LOTS 52-6, 52-7, 53-5, 53-30 & 57-88 AS SHOWN ON THE OFFICIAL TAX MAP OF THE CITY OF WOODSOCKET, PROVIDENCE COUNTY, RHODE ISLAND, SHEET 88-1.
3. PROPERTY LINE AND SITE INFORMATION TAKEN FROM A PLAN ENTITLED "PARTIAL ALTA/ACSL LAND TITLE SURVEY, WAL-MART, DIAMOND HILL ROAD & ROCK RIDGE ROAD, MAP 87, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88, CITY OF WOODSOCKET, PROVIDENCE COUNTY, RHODE ISLAND, PREPARED BY CONTROL POINT ASSOCIATES, INC. DATED 2-17-04 & REVISED 7-11-07.
4. TOTAL LAND AREA FOR WAL-MART SITE IS 20.64± ACRES.
5. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS.
6. CONTRACTOR SHALL MATCH PROPOSED CURB AND GUTTER, CONCRETE, AND PAVEMENT TO EXISTING IN GRADE IN ALIGNMENT.
7. CONTRACTOR SHALL REMOVE PAVEMENT & CONCRETE IN ACCORDANCE WITH THE STATE OF RHODE ISLAND DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
8. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
9. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS AND PORCH AND RAMP LOCATIONS.
10. GENERAL CONTRACTOR IS TO COORDINATE WITH APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION, ADJUSTMENT, OR RELOCATION OF EXISTING UTILITIES AS DESIGNATED ON THE PLANS.
11. SEE COVER SHEET FOR LIST OF UTILITY COMPANIES.
12. CONTRACTOR SHALL PROVIDE PIPE BOLLARDS FOR PROTECTION OF ALL ABOVE GROUND UTILITIES AND APPURTENANCES IN DRIVE AREA, AS WELL AS, TO PROTECT ALL ACCESSIBILITY SIGNS.
13. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES, TO INCLUDE: SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL AND TELEPHONE SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED, AS WELL AS, COORDINATE WITH ANY OTHER UTILITY COMPANIES FOR APPROVED LOCATIONS AND SCHEDULING OF TIE-INS/CONNECTIONS TO THEIR FACILITIES. CONTRACTOR TO FILE WITH CITY FOR REMOVAL AND INSTALLATION OF UTILITIES. REMOVAL WILL BE INSPECTED BY CITY ENGINEERING DIVISION.
14. CONTRACTOR SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
15. CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEMS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURBING, ETC. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN, EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY CONSTRUCTION MANAGER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
16. CONTRACTOR SHALL TOUCHUP PAINT ALL LIGHT POLE BASES, FIRE HYDRANTS, CART CORNERS, PIPE BOLLARDS, AND CURBS WHICH ARE CURRENTLY PAINTED. COST SHALL BE INCLUDED IN THE BASE BID.
17. ALL RADII ARE 5' FEET TO FACE OF CURB, UNLESS OTHERWISE NOTED.
18. SITEWORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "WAL-MART SITEWORK SPECIFICATIONS".
19. CONTRACTOR TO REMOVE OR RELOCATE, WHEN APPLICABLE, ALL EXISTING BUILDINGS, FOUNDATIONS, BASEMENTS, CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPES, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND WHERE NEEDED TO ALLOW FOR NEW CONSTRUCTION AS SHOWN.
20. CONTRACTOR SHALL FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS IN DISPOSING OF DEMOLISHED MATERIALS REMOVED FROM THIS SITE.
21. ALL PAINT USED FOR PARKING STRIPING SHALL BE PER WAL-MART SPECIFICATIONS.
22. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 4-INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
23. DIMENSIONS SHOWN ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
24. CONTRACTOR TO REFER TO LANDSCAPING AND IRRIGATION PLANS FOR RELOCATIONS, AND ADDITIONS TO SUCH.
25. EXISTING ACCESSIBLE PARKING SIGNS TO BE REUSED WHEN POSSIBLE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING SIGNS NEEDED. ALL ACCESSIBLE SIGNS SHALL BE BUILT INSIDE PIPE BOLLARD PER DETAIL LOCATED ON DETAIL SHEET.
26. EXISTING CART CORNERS TO BE REMOVED. CONTRACTOR TO INSTALL 16 NEW CART CORNERS PER PLANS.
27. CONTRACTOR IS RESPONSIBLE FOR RELOCATING AND/OR PLACING PEDESTRIAN CROSSING SIGNS IN NEW LOCATION AS INDICATED ON PLANS. CONTRACTOR TO VERIFY EXACT NUMBER OF SIGNS REQUIRED. SEE DETAIL SHEET (NOTE: N=NO-2 EXISTING, N=NO-2 REQUIRED, N=NO-2P PROPOSED).
28. PLEASE NOTE: SOME EXISTING ITEMS TO BE REMOVED HAVE BEEN DELETED FROM THIS PLAN FOR CLARITY. SEE DEMOLITION PLAN FOR ITEMS DELETED.
29. ALL EXISTING PAINT STRIPING TO BE REMOVED FIRST. CONTRACTOR WILL THEN RESEAL THE PARKING LOT WITH AN APPROVED SEALER PER SPECIFICATIONS WHEN REQUIRED (COORDINATE WITH THE WAL-MART CONSTRUCTION MANAGER). THE PARKING LOT WILL BE RESTRIPED WITH 2 COATS OF PAINT PER THE PLANS AND SPECIFICATIONS. THIS WORK MUST BE COORDINATED WITH THE CONSTRUCTION MANAGER. THE PARKING LOT MUST BE DONE IN SECTIONS SO THAT IT DOES NOT INTERRUPT STORE OPERATIONS.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDINGS.
31. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL ROUTING.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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BOHLER ENGINEERING, P.C.

CIVIL & CONSULTING ENGINEERS

PROJECT MANAGERS

ENVIRONMENTAL & SITE PLANNERS

MUNICIPAL ENGINEERS

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OCT 24 2007

Other Office Locations:

Chaffont, PA

Melville, NY

Sterling, VA

Watchung, NJ

Towson, MD

Albany, NY

PROJECT: WAL-MART STORES, INC.

PROPOSED WAL-MART EXPANSION (STORE #2225-04)

MAP 87, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88

DIAMOND HILL ROAD & ROCK RIDGE ROAD

CITY OF WOODSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: OVERALL SITE PLAN

SCALE: (H) 1"=80'

DATE: 02/23/05

SHEET No: 6

DRAWN BY: CPM

PROJECT No: WQ30933

CHECKED BY: JAK/MDS

CAD I.D. #: WQ30933sp6

OF 27

REV. No: 6

CONSTRUCTION CHECK

DATE:

W.D. GOEBEL

PROFESSIONAL ENGINEER

MASSACHUSETTS LICENSE No. 42644

RHODE ISLAND LICENSE No. 7268

CONNECTICUT LICENSE No. 21854

NEW HAMPSHIRE LICENSE No. 10280

MAINE LICENSE No. 9490

M.D. SMITH

PROFESSIONAL ENGINEER

MASSACHUSETTS LICENSE No. 81454

RHODE ISLAND LICENSE No. 21854

CONNECTICUT LICENSE No. 21854

MAINE LICENSE No. 9490

REGISTERED PROFESSIONAL ENGINEER

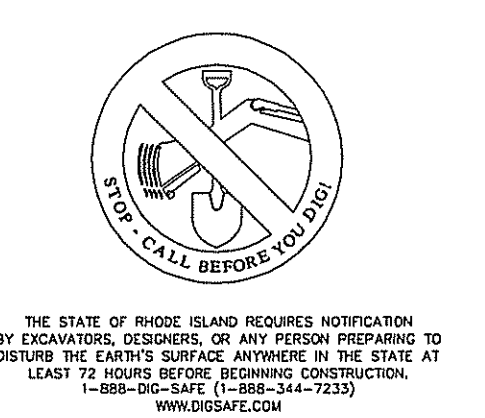
CIVIL 10/22/07

SITE LEGEND

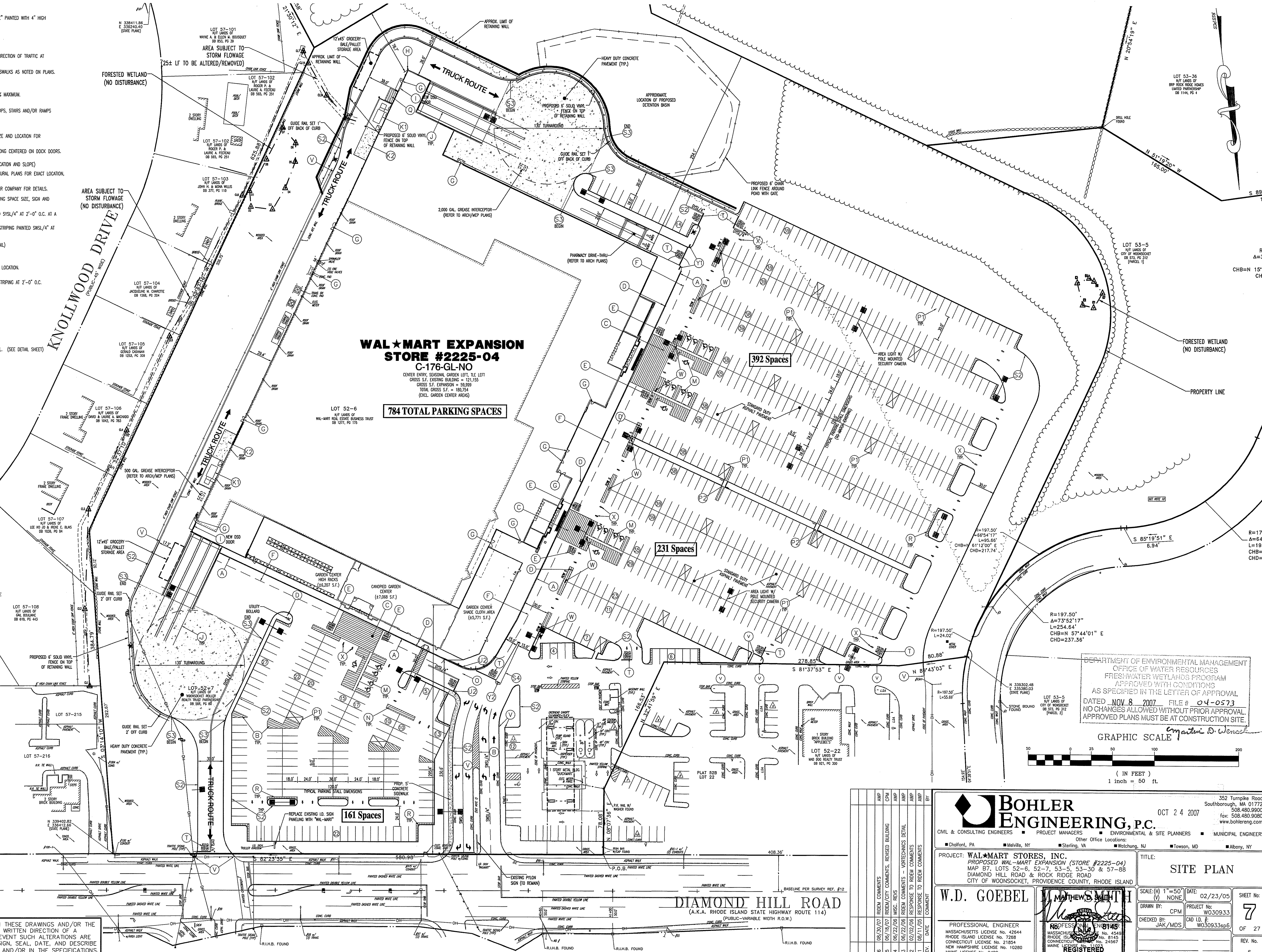
- (A) 6" WIDE FIRE LANE STRIPING PAINTED TRAFFIC RED W/ "NO PARKING FIRE LANE" PAINTED WITH 4" HIGH WHITE LETTERING AT 25' O.C. (SEE DETAIL SHEET)
- (A2) "NO PARKING FIRE LANE" SIGN. (SEE PLAN FOR LOCATION)
- (B) AREA STRIPED AT SYS/4" AT 45° @ 2'-0" O.C.
- (C) PEDESTRIAN CROSSWALK WITH 4" WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" O.C. UNLESS NOTED OTHERWISE. (SEE SITE PLAN FOR WIDTH)
- (D) PEDESTRIAN CROSSING SIGN W10-2 AND W10-2a TYPICAL AT PEDESTRIAN CROSSWALKS AS NOTED ON PLANS.
- (E) "YIELD" PAINTED YELLOW ON PAVEMENT, TYPICAL. (SEE DETAIL SHEET)
- (F) RAMPED PAVEMENT AT VESTIBULE TO BE FLUSH WITH TOP OF SIDEWALK AT 5.0% MAXIMUM. (REFER TO ARCHITECTURAL PLANS)
- (G) EXIT PORCH. SEE ARCHITECTURAL PLANS FOR EXACT SIZE, LOCATION FOR STOODS, STAIRS AND/OR RAMPS THAT MAY BE REQUIRED. RAMP PAVEMENT FLUSH WITH THE TOP OF STOOD.
- (H) 6" PIPE BOLLARD TYPICAL UNLESS NOTED OTHERWISE. (SEE DETAIL SHEET)
- (I) AT GRADE DELIVERY DOOR LOCATION. SEE ARCHITECTURAL PLANS FOR EXACT SIZE AND LOCATION FOR COORDINATION WITH CIVIL PLANS.
- (J) (2) 4" WIDE YELLOW TRUCK ALIGNMENT STRIPES SPACED AT 10' O.C. x 130' LONG CENTERED ON DOCK DOORS.
- (K) CONCRETE COMPACTOR PAD. (REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND SIZE)
- (L) 16"x35" CONCRETE PAD FOR COMPACTOR LANDING AREA. (REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION, SIZE AND SLOPE)
- (M) CONCRETE TRANSFORMER PAD. CONTRACTOR TO COORDINATE WITH LOCAL POWER COMPANY FOR DETAILS.
- (N) ACCESSIBLE PARKING SPACE TYPICAL. SEE DETAIL SHEET FOR ACCESSIBLE PARKING SPACE, SIGN AND SYMBOL. ("VAN"-INDICATES VAN ACCESSIBLE SPACE)
- (O) PAINTED ISLAND TYPICAL UNLESS NOTED OTHERWISE. STRIPES SHALL BE PAINTED SYS/4" AT 2'-0" O.C. AT A 45-DEGREE ANGLE TO THE PARKING SPACE. (SEE DETAIL SHEET)
- (P) 8" WIDE PEDESTRIAN CROSSWALK. EDGE LINES PAINTED SYS/8" WITH INSIDE STRIPING PAINTED SYS/4" AT 2'-0" O.C. PERPENDICULAR TO EDGE LINES.
- (P1) CART CORRAL, TYPICAL. (SEE DETAIL SHEET FOR WAL-MART CART CORRAL DETAIL)
- (P2) CART CROSSING WITH CART CROSSING SIGN, TYPICAL. (SEE DETAIL SHEET)
- (Q) 10' X 15' STRIPED AREA PAINTED SYS/4" AT 45° @ 2'-0" O.C. AT JIB CRANE LOCATION. (REFER TO ARCHITECTURAL PLANS)
- (R) 2'-0" LANDING ZONE AT ALL CURBED PARKING SPACES. 4" PAINTED YELLOW STRIPING AT 2'-0" O.C. PERPENDICULAR TO PARKING SPACE. (SEE DETAIL SHEET)
- (S1) 6" CONCRETE CURB, TYPICAL. (SEE DETAIL SHEET)
- (S2) 18" CONCRETE CURB & GUTTER, TYPE "A" - TYPICAL. (SEE DETAIL SHEET)
- (S3) 18" CONCRETE CURB & GUTTER, TYPE "B" - TYPICAL. (SEE DETAIL SHEET)
- (S4) PROPOSED CONCRETE MOUNTABLE ISLAND
- (T) "STOP" PAINTED ON PAVEMENT WITH SYS/12" STOP BAR & STOP SIGN, TYPICAL. (SEE DETAIL SHEET)
- (U) 4' WIDE CONCRETE SIDEWALK. (SEE DETAIL SHEET)
- (V) CONCRETE CURB RAMP. (SEE DETAIL SHEET)
- (W) MATCH EXISTING CURB & GUTTER IN GRADE AND ALIGNMENT.
- (X) AISLE INDICATOR SIGNS, TYPICAL. (SEE DETAIL SHEET)
- (Y) PAINTED DIRECTIONAL ARROW, TYPICAL. (SEE DETAIL SHEET)
- (Z1) "DO NOT ENTER" SIGN MOUNTED ON BACK OF STOP SIGN. (SEE DETAIL SHEET)
- (Z2) "KEEP RIGHT" SIGN MOUNTED ON BACK OF "STOP" SIGN. (SEE DETAIL SHEET)
- (Z3) "TRUCK ROUTE" SIGN. (SEE DETAIL SHEET)
- (Z4) "NO TRUCKS" SIGN. (SEE DETAIL SHEET)

EXISTING CONDITIONS LEGEND

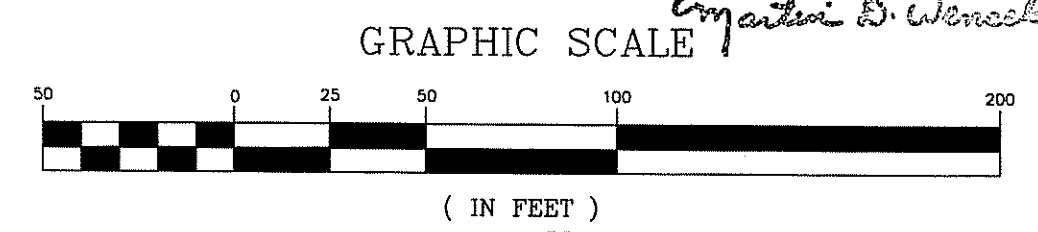
- 123.45 --- EXISTING CONTOUR
- x 123.45 EXISTING SPOT ELEVATION
- x TO 123.45 EXIST. TOP OF CURB ELEVATION
- x G 123.45 EXIST. GUTTER ELEVATION
- x TW 123.45 EXIST. TOP OF WALL ELEVATION
- x BW 123.45 EXIST. BOTTOM OF WALL ELEVATION
- HYDRANT
- WATER VALVE
- GAS VALVE
- OVERHEAD WIRES
- APPROX. LOC. UNDERGROUND GAS LINE
- APPROX. LOC. UNDERGROUND ELEC. LINE
- APPROX. LOC. UNDERGROUND SAN. LINE
- APPROX. LOC. UNDERGROUND TEL. LINE
- APPROX. LOC. UNDERGROUND WATER LINE
- APPROX. LOC. UNDERGROUND FIBER OPTIC CABLE
- UTILITY POLE
- UTILITY POLE/LIGHT POLE
- QUIET WIRE
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL
- MONITORING WELL
- GAS METER
- ELECTRIC METER
- SIGN
- MAIL BOX
- BOLLARD
- U-BOLLARD
- METAL GUIDE RAIL
- LANDSCAPED AREA
- AREA LIGHT
- PAY PHONE
- AIR STATION
- VACUUM
- CLEAN OUT
- PAINTED ARROWS
- 24' DENOTES PARKING SPACE COUNT
- 24' TREE W/TRUNK DIAMETER
- R.I.H.B. RHODE ISLAND HIGHWAY BOUND



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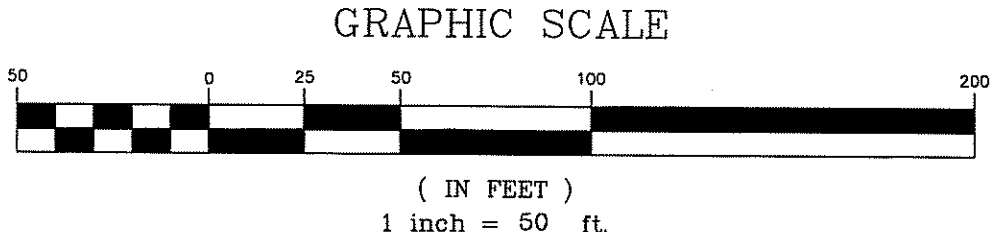
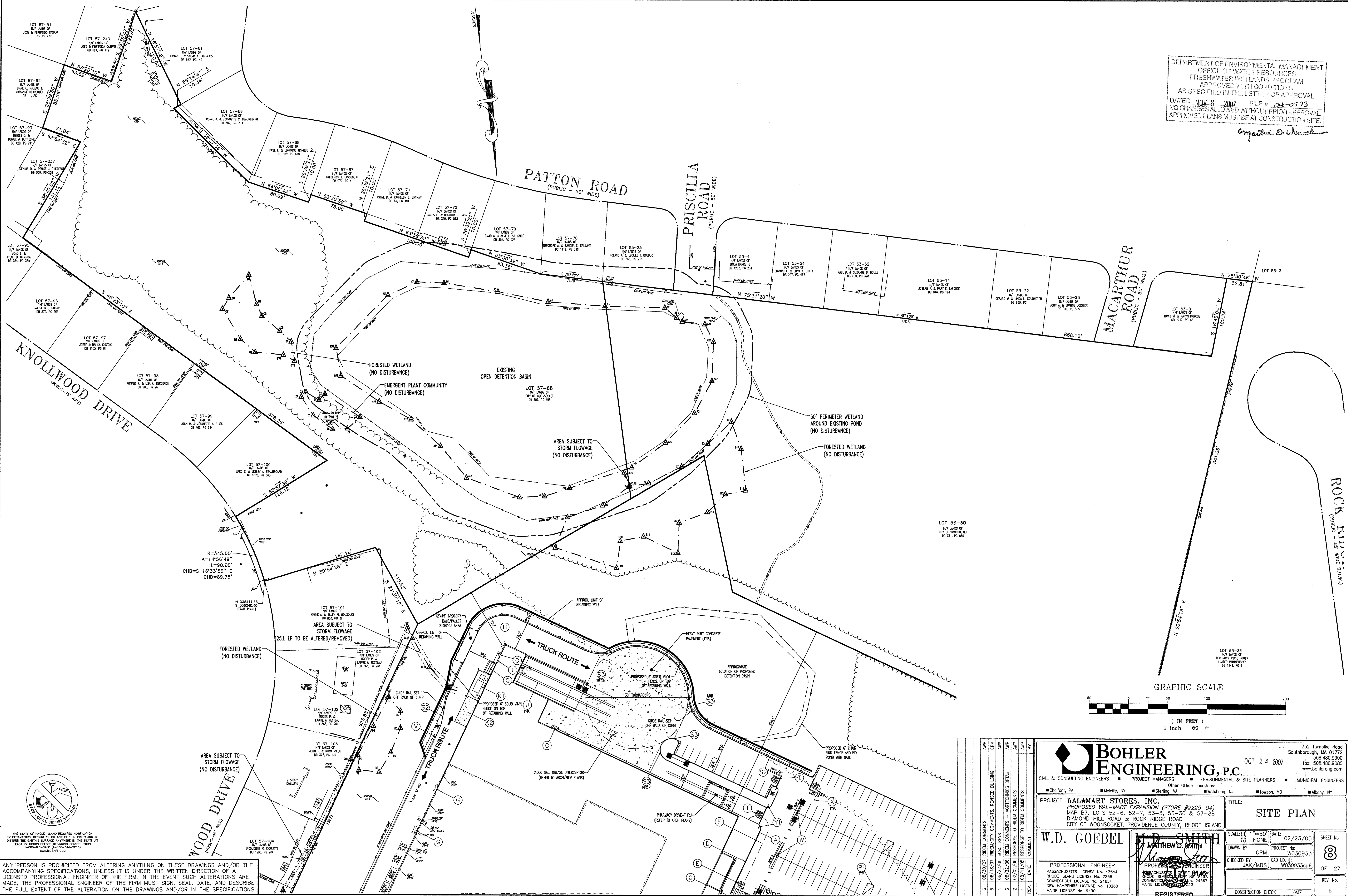
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED NOV 8 2007. FILE # 04-0573
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
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BOHLER ENGINEERING, P.C. CIVIL & CONSULTING ENGINEERS PROJECT MANAGERS ENVIRONMENTAL & SITE PLANNERS MUNICIPAL ENGINEERS ■ Chalfont, PA ■ Malville, NY ■ Sterling, VA ■ Weehawken, NJ ■ Towson, MD ■ Albany, NY		352 Turnpike Road Southborough, MA 01772 508.480.9900 fax: 508.480.9080 www.bohlereng.com
PROJECT: WAL-MART STORES, INC. PROPOSED WAL-MART EXPANSION (STORE #2225-04) MAP 87, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88 DIAMOND HILL ROAD & ROCK RIDGE ROAD CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND		TITLE: SITE PLAN SCALE: (H) 1"=50' DATE: 02/23/05 (V) NONE DRAWN BY: CPM PROJECT No: W030933 CHECKED BY: JAK/MDS CAD L.D. #: W030933sp6 CONSTRUCTION CHECK DATE
W.D. GOEBEL PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 42644 RHODE ISLAND LICENSE No. 7268 CONNECTICUT LICENSE No. 21854 NEW HAMPSHIRE LICENSE No. 10280 MAINE LICENSE No. 9490		MATHIAS SMITH PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 4549 RHODE ISLAND LICENSE No. 8145 CONNECTICUT LICENSE No. 8145 MAINE LICENSE No. 11023 NEW HAMPSHIRE LICENSE No. 10280

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Matthew D. Wencel



BOHLER ENGINEERING, P.C. CIVIL & CONSULTING ENGINEERS 352 Turnpike Road Southborough, MA 01772 508.480.9900 fax: 508.480.9080 www.bohlereng.com		OCT 24 2007	
PROJECT: WAL-MART STORES, INC. PROPOSED WAL-MART EXPANSION (STORE #2225-04) MAP B7, LOTS 52-6, 52-7, 53-8, 53-30 & 57-88 DIAMOND HILL ROAD & ROCK RIDGE ROAD CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND		TITLE: SITE PLAN	
W.D. GOEBEL PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE NO. 42644 RHODE ISLAND LICENSE NO. 7288 CONNECTICUT LICENSE NO. 21854 NEW HAMPSHIRE LICENSE NO. 10280 MAINE LICENSE NO. 9490		M.D. SMITH PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE NO. 8145 RHODE ISLAND LICENSE NO. 8145 CONNECTICUT LICENSE NO. 24567 MAINE LICENSE NO. 24567	
CHECKED BY: JAK/MDS DATE: 08/22/08		DATE: 02/23/05	
CONSTRUCTION CHECK		DATE	

LONG TERM STORMWATER SYSTEM
INSPECTION & MAINTENANCE PLAN

ALL MAINTENANCE WILL BE THE RESPONSIBILITY OF WAL-MART STORES, INC. UNLESS NOTED OTHERWISE.

COMPONENT: PARKING LOT
INSPECTION FREQUENCY: SEMI-ANNUALLY
MAINTENANCE REQUIREMENT: PARKING LOTS SHALL BE SWEEP SEMI-ANNUALLY TO REMOVE SEDIMENTS PRIOR TO INTRODUCTION INTO THE STORMWATER COLLECTION SYSTEM.

COMPONENT: DEEP SUMP CATCH BASINS
INSPECTION FREQUENCY: SEMI-ANNUALLY FOR THE FIRST TWO YEARS, ANNUALLY THEREAFTER.
MAINTENANCE REQUIREMENT: BASINS ARE TO BE CLEANED ON AT LEAST AN ANNUAL BASIS. ALL SEDIMENT REMOVED FROM CATCH BASIN SUMPS WILL BE PROPERLY DISPOSED OF OFF SITE. OIL/WATER SEPARATOR BASINS TO BE CLEANED BEFORE SEDIMENT REACHES THE OIL/WATER SEPARATOR.

COMPONENT: DRAINAGE PIPES, MANHOLES AND OUTLET STRUCTURES
INSPECTION FREQUENCY: SEMI-ANNUALLY
MAINTENANCE REQUIREMENT: DRAINAGE PIPES, MANHOLES AND OUTLETS WILL BE CLEARED OF ANY BLOCKAGES. ALL SEDIMENT REMOVED WILL BE PROPERLY DISPOSED OF OFF SITE.

COMPONENT: VORTICANIC UNITS
INSPECTION FREQUENCY: IMMEDIATELY FOLLOWING CONSTRUCTION, AFTER MAJOR RAINFALL EVENTS IN THE FIRST 6 MONTHS AND QUARTERLY THEREAFTER.
MAINTENANCE REQUIREMENT: ALL MAINTENANCE ACTIVITIES SHALL BE CONDUCTED BY A GROUP/COMPANY TRAINED, EQUIPPED AND APPROVED BY VORTICANICS IN THE CARE OF THESE DEVICES. IF DURING INSPECTIONS IT BECOMES APPARENT THAT A LARGER UNIT IS NEEDED TO MEET THE TREATMENT OBJECTIVES, A LARGER UNIT SHALL BE PROVIDED IMMEDIATELY, AT THE OWNER'S EXPENSE. OIL OR GASOLINE SPILLS ARE TO BE CLEANED IMMEDIATELY. CLEAN OUT OF SEDIMENT SHALL BE PERFORMED BY A VACUUM PUMP WHEN THE SEDIMENT HAS REACHED WITHIN 6" OF THE DRY WEATHER WATER LEVEL. CHECK FOR ACCUMULATIONS IN ALL CHAMBERS DURING EACH MAINTENANCE EVENT. MAINTENANCE SHOULD BE SCHEDULED DURING DRY WEATHER. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR COMPLETE MAINTENANCE PROCEDURES AND DETAILS.

COMPONENT: UNDERGROUND DETENTION/INFILTRATION SYSTEMS
INSPECTION FREQUENCY: IMMEDIATELY FOLLOWING CONSTRUCTION, AFTER MAJOR RAINFALL EVENTS IN THE FIRST SIX MONTHS AND SEMI-ANNUALLY THEREAFTER.
MAINTENANCE REQUIREMENT: THE SYSTEM IS FUNCTIONING PROPERLY WHEN THE SYSTEM IS RELATIVELY FREE OF SEDIMENT AND STANDING WATER IS NOT OBSERVED IN THE FACILITY MORE THAN THREE DAYS AFTER A RAIN EVENT. IF STANDING WATER IS OBSERVED MORE THAN THREE DAYS AFTER A RAIN EVENT, OR THERE IS EXCESSIVE SEDIMENT ACCUMULATION IN THE PIPES, THE SYSTEM MAY NOT BE FUNCTIONING PROPERLY AND SHOULD BE REPAIRED IMMEDIATELY AT THE OWNER'S EXPENSE.

COMPONENT: OPEN DETENTION BASIN
INSPECTION FREQUENCY: ANNUALLY
MAINTENANCE REQUIREMENT: INSPECTIONS SHALL BE ACCOMPLISHED SEVERAL TIMES DURING THE FIRST SIX (6) MONTHS OF OPERATION, ESPECIALLY AFTER RAINFALL EVENTS, TO CHECK FOR CLOGGING OR TOO RAPID A RELEASE. THE DETENTION BASIN'S OUTLET CONTROL STRUCTURE AND OUTFLOW CHANNEL SHALL BE INSPECTED AT LEAST THREE TIMES PER YEAR. THE GRASSED AREAS SHALL BE INSPECTED AT LEAST TWICE PER YEAR TO CHECK FOR EROSION PROBLEMS. PROBLEM AREAS SHALL BE RE-SEED IMMEDIATELY TO STABILIZE EXPOSED SOIL, THEREBY PREVENTING EROSION OR POTENTIAL CLOGGING OF OUTFLOW DEVICES.

SIDESLOPES, EMBANKMENTS AND THE UPPER STAGE OF THE BASIN SHALL BE MOWED AT LEAST ONCE DURING THE GROWING SEASON, PREFERABLY AFTER AUGUST 15TH, TO PREVENT UNWANTED WOODY GROWTH WITH ADDITIONAL CUTTINGS PERFORMED AS NEEDED IF VEGETATION GROWS MORE THAN 3-FEET HIGH. WETLAND PLANTS, IF ANY, SHALL BE ALLOWED TO GROW ALONG THE POND BOTTOM, EXCEPT FOR ANY PLANTINGS WHICH MAY INTERFERE WITH THE INLET OR OUTLET CONTROLS. ALL TREE SAPLINGS OF ANY SPECIES WILL BE REMOVED FROM EMBANKMENTS AND THE BOTTOM OF THE POND. SIDESLOPES/ EMBANKMENTS SHALL BE INSPECTED FOR EROSION AND REPAIRED AS NECESSARY. THE OUTLET STRUCTURES SHALL BE INSPECTED TO ENSURE THAT THE BASIN IS FUNCTIONING PROPERLY. ANY DEBRIS AT THE OUTLET STRUCTURE SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY.

SEDIMENTS SHALL BE REMOVED FROM THE BASIN DURING THE FIRST YEAR OF OPERATION AND EVERY 10 YEARS THEREAFTER. MORE FREQUENT REMOVALS MAY BE NECESSARY IF THE SEDIMENT STORAGE CAPACITY IS EXCEEDED, OR WHEN THE SEDIMENT DEPTH REACHES 12 INCHES, WHICHEVER COMES FIRST. SEDIMENT REMOVAL FROM THE BASIN BOTTOM SHALL BE PERFORMED BY HAND. AN AREA SHALL BE SET ASIDE IN THE DEVELOPMENT SITE, IN AN UPLAND AREA OUTSIDE OF JURISDICTIONAL WETLANDS, FOR THE PURPOSE OF SEDIMENT DISPOSAL IF AN OFF-SITE AREA IS NOT FEASIBLE. SEDIMENTS REMOVED FROM THE BASIN SHALL BE TESTED FOR HEAVY METALS AND OTHER CONTAMINANTS FOLLOWING OPERATION. IF IT IS FOUND THAT SEDIMENTS ARE CONTAMINATED, THEY SHALL BE TRANSPORTED TO A STATE-APPROVED DISPOSAL SITE.

IF STANDING WATER IS FOUND IN THE BASIN MORE THAN THREE (3) DAYS AFTER A RAINFALL EVENT, THE BASIN SHALL BE DETERMINED TO BE FAILING AND THE OWNER SHALL BE RESPONSIBLE TO HAVE THE BASIN INSPECTED BY A REGISTERED R.I. PROFESSIONAL ENGINEER AND REPAIRED IMMEDIATELY.

COMPONENT: OFF-SITE ASSF EAST OF WAL-MART PROPERTY (TO BE MAINTAINED BY THE CITY OF WOONSOCKET)
INSPECTION FREQUENCY: SEMI-ANNUALLY
MAINTENANCE REQUIREMENT: THE ASSF IS TO BE CLEANED OF SEDIMENT AND DEBRIS. ERODED SLOPES SHALL BE REGRADED, REPAIRED AND RESEED. GRASS IN THE ASSF SHALL BE MOWED TO A HEIGHT OF NOT LESS THAN 4 INCHES.

SITE GRADING NOTES

1. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH WOULD CONFLICT WITH THE IMPROVEMENTS SHOWN ON THE PLANS.
3. CONTRACTOR MUST ALSO CONTACT THE ENGINEERING DIVISION REGARDING THE LOCATION OF EXISTING UTILITY SERVICES. WHEREVER POSSIBLE, THE ENGINEERING DIVISION WILL MARK OUT SERVICES.
4. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
5. PRECAST STRUCTURES MAY BE USED AT CONTRACTORS OPTION.
6. STORM PIPE SHALL HAVE AN "N" VALUE 0.12 AND SHALL BE PROVIDED TO SUPPORT THE COVER DEPTHS INDICATED ON THE PLANS. STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
TYPE 1: RCP, CLASS II PER ASTM C-76 WITH FLEXIBLE PLASTIC BITUMEN GASKETS AT JOINTS.
TYPE 2: HIGH DENSITY POLYETHYLENE PIPE (HDPE) PER ASTM M252 TYPE S, M294 TYPE S AND M7-97 TYPE S SMOOTH INTERIOR/ANNUAL EXTERIOR.
PIPE JOINTS AND FITTINGS SHALL CONFORM TO ASTM M252 AND M294.
7. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
8. EXISTING GRADE CONTOURS SHOWN AT 1-FOOT INTERVALS.
9. PROPOSED GRADE CONTOURS SHOWN AT 1-FOOT INTERVALS.
10. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITION OR BETTER.
11. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUDED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
12. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
13. THE CONTRACTOR SHALL ADHERE TO ALL SLOPES, JOINTS OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH CITY/COUNTY SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
14. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
15. TOPOGRAPHIC INFORMATION TAKEN FROM A PLAN ENTITLED "PARTIAL ALTA/ACSM LAND TITLE SURVEY, WAL-MART, DIAMOND HILL ROAD & ROCK RIDGE ROAD, WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND, DATED 2-11-04, REVISED 7-11-07. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL MAKE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
16. ALL UNSATURATED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FIBER TO ALL SLOPES, JOINTS OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH CITY/COUNTY SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
17. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
18. ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT-TO INVERT-OUT.
19. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
20. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
21. SITEWORK SHALL MEET OR EXCEED WAL-MART SITE SPECIFICATIONS.
22. ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3000 PSI.
23. CONTRACTOR SHALL REFER TO GEOTECHNICAL INVESTIGATION PREPARED BY WHITESTONE ASSOCIATES, INC., PROJECT NO. W04-7274, DATED 12/16/2004, FOR INFORMATION ONLY.
24. CONTRACTOR SHALL MILL PAVEMENT AT ALL CURBS IN PAVEMENT OVERLAY AREA TO PROVIDE 6" REVEAL AND FULL OVERLAY DEPTH.
25. STORMWATER FACILITIES HAVE BEEN DESIGNED TO CONFORM TO CITY OF WOONSOCKET POST-CONSTRUCTION STORMWATER CONTROL ORDINANCE.

R.I.D.E.M. NOTES

1. ALL EXCESS SOIL, STUMPS, TREES, ROCKS, BRUIERS AND OTHER REFUSE SHALL BE DISCARDED OFF-SITE, OUTSIDE OF ALL WETLANDS AND WETLAND SENSITIVE AREAS, UNLESS OTHERWISE SPECIFIED.
2. THE SILT FENCE LINE AND CONSTRUCTION FENCE LINE ILLUSTRATED ON THIS PLAN SHALL BE INSTALLED IN THE FIELD PRIOR TO CONSTRUCTION, AND SHALL SERVE AS THE LIMIT OF CLEARING & SURFACE DISTURBANCE ON THE SUBJECT PROPERTY. NO ALTERATIONS (INCLUDING VEGETATIVE CLEARING, RESTORATION PLANTINGS, SEEDING OR SURFACE DISTURBANCE) SHALL OCCUR OUTSIDE OF THIS SILT FENCE DISTURBANCE LINE UNTIL COMPLETION OF CONSTRUCTION AND ADEQUATE STABILIZATION OF THE SITE. ALL SILT FENCE SHALL BE REMOVED ALONG WITH ANY ACCUMULATED SANDS/SEDIMENTS.
3. AT THE COMPLETION OF CONSTRUCTION AN AS-BUILT SURVEY IS TO BE CONDUCTED OF THE DRAINAGE STRUCTURES. IF THE AS-BUILT REVEALS THAT THE COMPLETED CONSTRUCTION DOES NOT MATCH THE DESIGN PLANS, THE CONTRACTOR IS RESPONSIBLE TO REVISE THE LAYOUT ACCORDINGLY.

FOUNDATION SUBSURFACE PREPARATION
WAL-MART EXPANSION (STORE #2225-04)
DIAMOND HILL ROAD & ROCK RIDGE ROAD
WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND
DECEMBER 16, 2004

UNLESS SPECIFICALLY INDICATED OTHERWISE IN THE DRAWINGS AND/OR SPECIFICATIONS, THE LIMITS OF THIS SUBSURFACE PREPARATION ARE CONSIDERED TO BE THAT PORTION OF THE SITE DIRECTLY BENEATH AND TO FEET BEYOND THE BUILDING AND APPURTENANCES. APPURTENANCES AREA THOSE AREAS ATTACHED TO THE BUILDING PROPER AND TYPICALLY INCLUDE, BUT ARE NOT LIMITED TO, THE BUILDING SIDEWALKS, GARDEN CENTER, PORCHES, RAMPS, STAIRS, TRUCK WELLS/DOCKS, CONCRETE APRONS AT THE AUTOMOTIVE CENTER, COMPACTOR PAD, ETC. THE SUBBASE DOES NOT EXTEND BEYOND THE LIMITS OF THE ACTUAL BUILDING AND THE APPURTENANCES.

ESTABLISH THE FINAL SUBGRADE ELEVATION AT 10 INCHES BELOW FINISHED FLOOR ELEVATION TO ALLOW FOR A 4 INCH SLAB, OR AT 11.5 INCHES BELOW THE FINISHED CONCRETE ELEVATION WHEN USING A 5.5 INCH SLAB TO ALLOW FOR THE SLAB THICKNESS AND A 6 INCH SUBBASE. THE SUBBASE SHALL BE 4 INCHES OF COARSE AGGREGATE MEETING THE GRADATION REQUIREMENTS OF ASTM D 448, No. 57 (OR APPROVED EQUIVALENT) COVERED BY 2 INCHES OF THE AGGREGATE MEETING ASTM D 448 No. 10 WITH 6 PERCENT TO 12 PERCENT PASSING NO. 200 SIEVE (OR APPROVED EQUIVALENT). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ACCURATE MEASUREMENTS FOR ALL CUT AND FILL DEPTHS REQUIRED.

REMOVE SURFACE PAVEMENTS, VEGETATIONS, PLOWED HORIZON, ROOT SYSTEMS, ORGANIC MATERIAL, AND SOFT OR OTHERWISE UNSUITABLE MATERIAL FROM THE BUILDING AREA. PROOFROLL EXPOSED SUBGRADE. REMOVE AND REPLACE UNSUITABLE AREAS WITH SUITABLE MATERIAL. CONSTRUCTION PHASE EVALUATION OF THE EXISTING FILL MATERIALS SHALL BE CONDUCTED TO VERIFY THAT THE UNDERLYING SOIL CONDITIONS ARE CONSISTENT WITH THE SOIL CONDITIONS ENCOUNTERED DURING THE GEOTECHNICAL EXPLORATION.

SUBGRADE MATERIAL SHALL BE FREE OF ORGANIC AND OTHER DELETERIOUS MATERIALS AND SHALL MEET THE FOLLOWING REQUIREMENTS:

LOCATION WITH RESPECT TO FINAL GRADE	PI	LL
BUILDING AREA, BELOW UPPER 4 FEET	20 MAX	40 MAX
BUILDING AREA, UPPER 4 FEET	20 MAX	40 MAX

SUBGRADE MATERIAL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 9 INCHES IN THICKNESS AND COMPACTED TO AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 1557) AT A MOISTURE CONTENT WITHIN 3 PERCENT BELOW TO 3 PERCENT ABOVE THE OPTIMUM.

THE FOUNDATION SYSTEM SHALL BE ISOLATED SPREAD FOOTINGS AT COLUMNS AND CONTINUOUS SPREAD FOOTINGS AT WALLS.

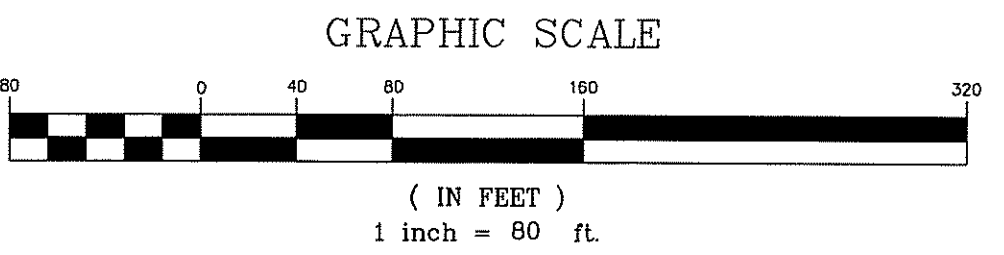
THIS FOUNDATION SUBSURFACE PREPARATION, BASED ON THE GEOTECHNICAL INVESTIGATION, DATED DECEMBER 16, 2004, PREPARED BY WHITE STONE ASSOCIATES, INC., DOES NOT CONSTITUTE THE COMPLETE SITE WORK SPECIFICATION. REFER TO COMPLETE SPECIFICATIONS FOR INFORMATION NOT COVERED HERE. IN CASE OF CONFLICT, THIS PREPARATION NOTE GOVERNS OVER WAL-MART SPECIFICATIONS.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 8 2007 FILE # 04-0573
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Christopher D. Wenzel

NOTE
PIPE LENGTHS LISTED ARE BASED ON HORIZONTAL DISTANCE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND USED FOR DESIGN. CONTRACTOR TO FIELD VERIFY ACTUAL PIPE LENGTHS AS NEEDED FOR CONSTRUCTION.
CONTRACTOR IS RESPONSIBLE FOR COMPARING THE STORM SEWER AND SANITARY SENDER CHARTS WITH THE PROFILES FOR THE STORM SEWER AND SANITARY SENDER LINES AND INFORMING THE ENGINEER IMMEDIATELY IN WRITING OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

GRADING & DRAINAGE LEGEND		
EXISTING	PROPOSED	DESCRIPTION
----- 123.45 -----	----- 123.45 -----	CONTOUR
X 123.45	• 123.45	SPOT GRADE
TC 123.95	• TC=123.95	TOP OF CURB
BC 123.45	• BC=123.45	BOTTOM OF CURB
	→	FLOW ARROW
	—	DRAIN PIPE

AREA OF JURISDICTIONAL DISTURBANCE	
DESCRIPTION	TOTAL DISTURBANCE
ASSF.	25 LF



BOHLER ENGINEERING, P.C.

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PROJECT: WAL-MART STORES, INC.
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: OVERALL GRADING & DRAINAGE PLAN

SCALE: (H) 1"=60'
(V) NONE

DRAWN BY: CPM PROJECT NO: W0309333
CHECKED BY: JAK/MDS CAD L.D. NO: W030933sp6

DATE: 02/23/05

SHEET NO: 9 OF 27

REV. NO. 6

W.D. GOEBEL

PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 42644
RHODE ISLAND LICENSE NO. 7288
CONNECTICUT LICENSE NO. 21854
NEW HAMPSHIRE LICENSE NO. 10280
MAINE LICENSE NO. 9490

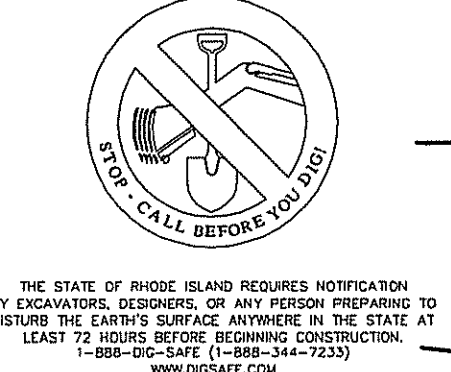
MATTHEW D. SMITH

PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 8145
RHODE ISLAND LICENSE NO. 8145
CONNECTICUT LICENSE NO. 21854
MAINE LICENSE NO. 9490

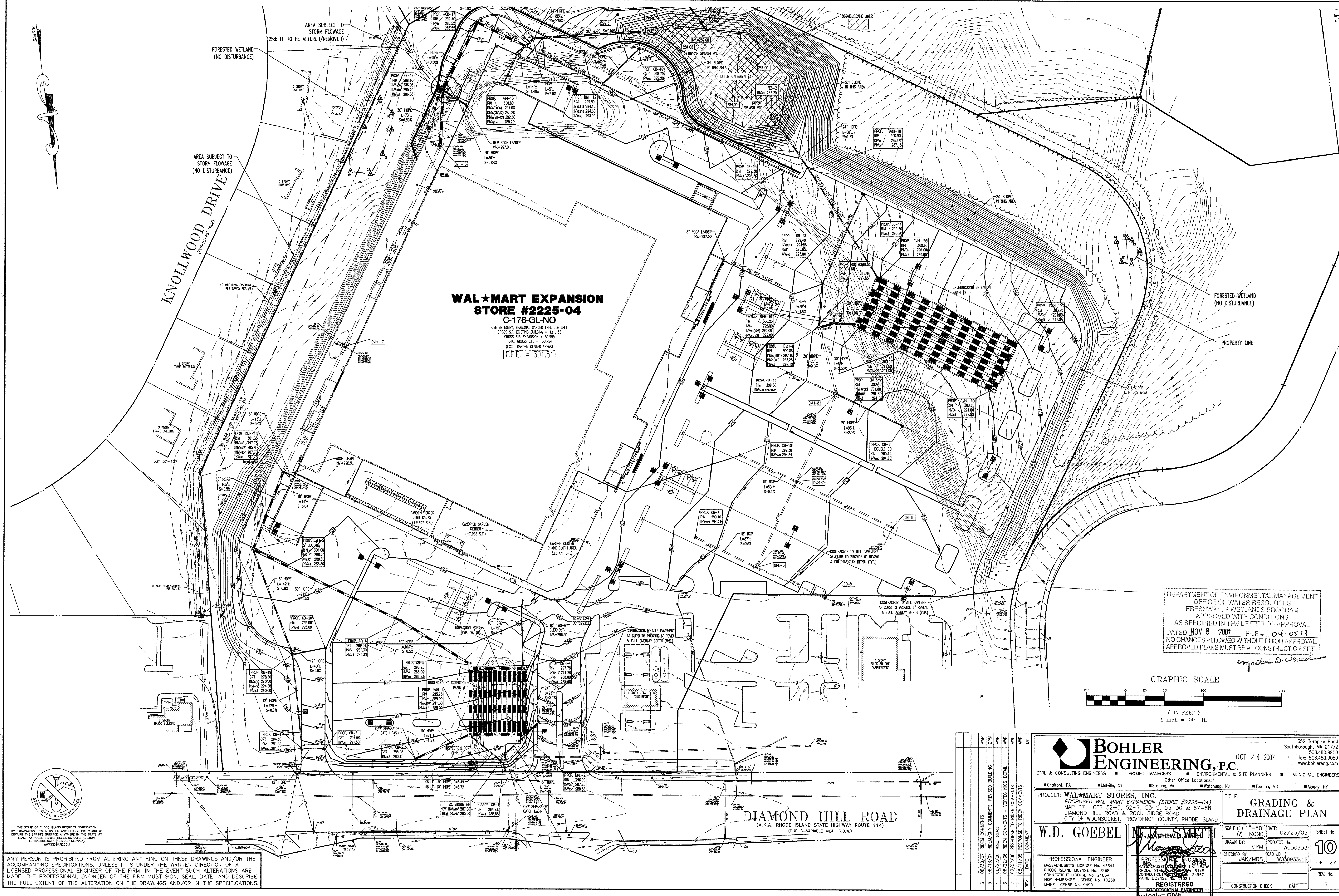
REGISTERED PROFESSIONAL CIVIL

- LEGEND
- 123 --- EXISTING CONTOUR
 - X 123.45 EXISTING SPOT ELEVATION
 - X TC 123.45 EXIST. TOP OF CURB ELEVATION
 - X G 123.95 EXIST. GUTTER ELEVATION
 - X TW 123.45 EXIST. TOP OF WALL ELEVATION
 - X BW 122.85 EXIST. BOTTOM OF WALL ELEVATION
 - HYDRANT
 - WATER VALVE
 - GAS VALVE
 - OH --- OVERHEAD WIRES
 - G --- APPROX. LOC. UNDERGROUND GAS LINE
 - E --- APPROX. LOC. UNDERGROUND ELEC. LINE
 - S --- APPROX. LOC. UNDERGROUND SAN. LINE
 - T --- APPROX. LOC. UNDERGROUND TEL. LINE
 - W --- APPROX. LOC. UNDERGROUND WATER LINE
 - C --- APPROX. LOC. UNDERGROUND FIBER OPTIC CABLE
 - UTILITY POLE
 - UTILITY POLE/LIGHT POLE
 - GUY WIRE
 - TRAFFIC SIGNAL POLE
 - TRAFFIC SIGNAL
 - MONITORING WELL
 - GAS METER
 - ELECTRIC METER
 - SIGN
 - MAIL BOX
 - BOLLARD
 - U-BOLLARD
 - METAL GUIDE RAIL
 - LANDSCAPED AREA
 - AREA LIGHT
 - PAY PHONE
 - AIR STATION
 - VACUUM
 - CLEAN OUT
 - PAINTED ARROWS
 - 24' --- DENOTES PARKING SPACE COUNT
 - 24' --- TREE w/TRUNK DIAMETER
 - R.I.H.B. --- RHODE ISLAND HIGHWAY BOUND

WAL-MART EXPANSION
STORE #2225-04
C-176-CL-140
EXIST. GUTTER SPOT ELEVATION 123.45
EXIST. TOP OF CURB ELEVATION 123.45
EXIST. GUTTER ELEVATION 123.95
EXIST. TOP OF WALL ELEVATION 123.45
EXIST. BOTTOM OF WALL ELEVATION 122.85
F.T.E. = 101.51

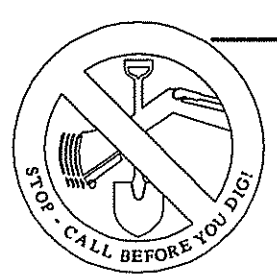
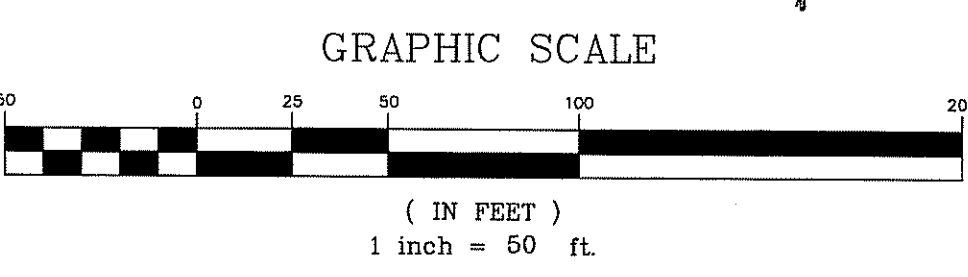


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WAL★MART EXPANSION
STORE #2225-04
C-176-GL-NO
CENTER ENTRY, SEASONAL GARDEN LEFT, TIE LEFT
GROSS S.F. EXISTING BUILDING = 121,155
GROSS S.F. EXPANSION = 98,950
TOTAL GROSS S.F. = 190,754
(EXCL. GARDEN CENTER AREAS)
F.F.E. = 301.51

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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FRESHWATER WETLANDS PROGRAM
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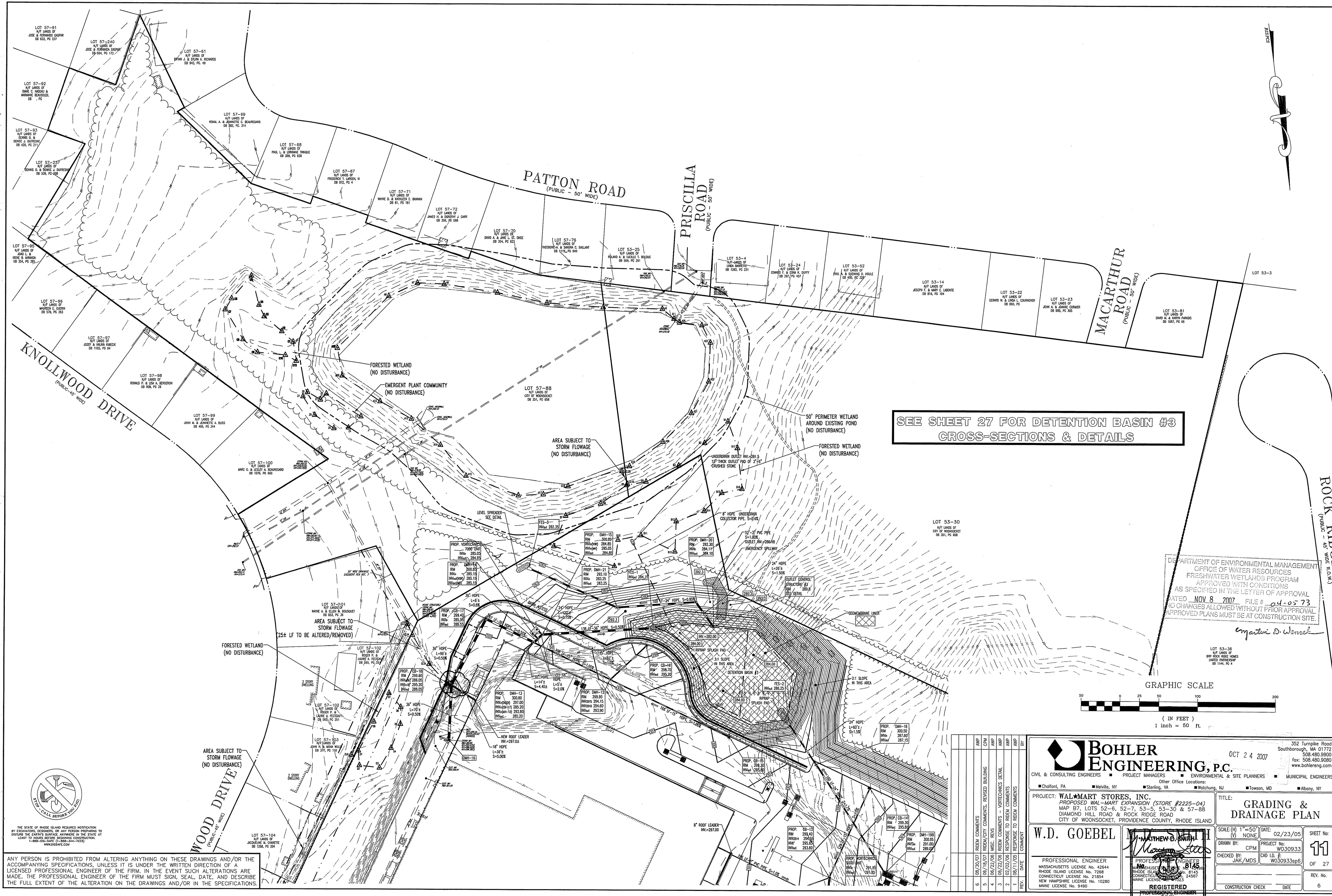
BOHLER ENGINEERING, P.C.
CIVIL & CONSULTING ENGINEERS
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508.480.9900
508.480.9680
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PROJECT: **WAL★MART STORES, INC.**
PROPOSED WAL★MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

DATE: 02/23/05
SHEET: 10 OF 27
PROJECT: 02/23/05
PROJECT NO: W030933
CHECKED BY: JAK/MS
DATE: 02/23/05
CONSTRUCTION CHECK: DATE

W.D. GOEBEL
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 42644
RHODE ISLAND LICENSE NO. 7268
CONNECTICUT LICENSE NO. 21854
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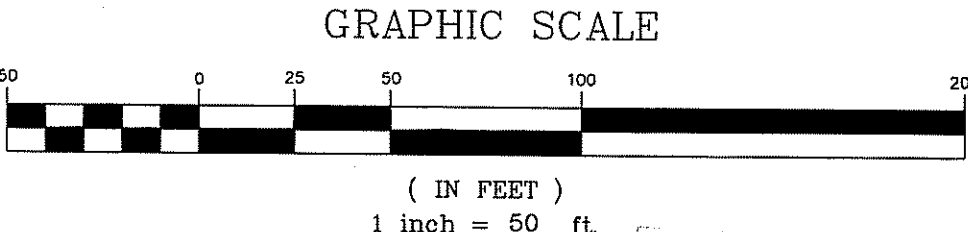
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MAINE LICENSE NO. 9480
REGISTERED PROFESSIONAL ENGINEER
15/22/05 CIVIL



SEE SHEET 27 FOR DETENTION BASIN #3
CROSS-SECTIONS & DETAILS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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Matthew D. Goebel



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Other Office Locations:
■ Chalfont, PA ■ Melville, NY ■ Sterling, VA ■ Watertown, NJ ■ Albany, NY

PROJECT: **WAL-MART STORES, INC.**
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP 87, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: **GRADING & DRAINAGE PLAN**

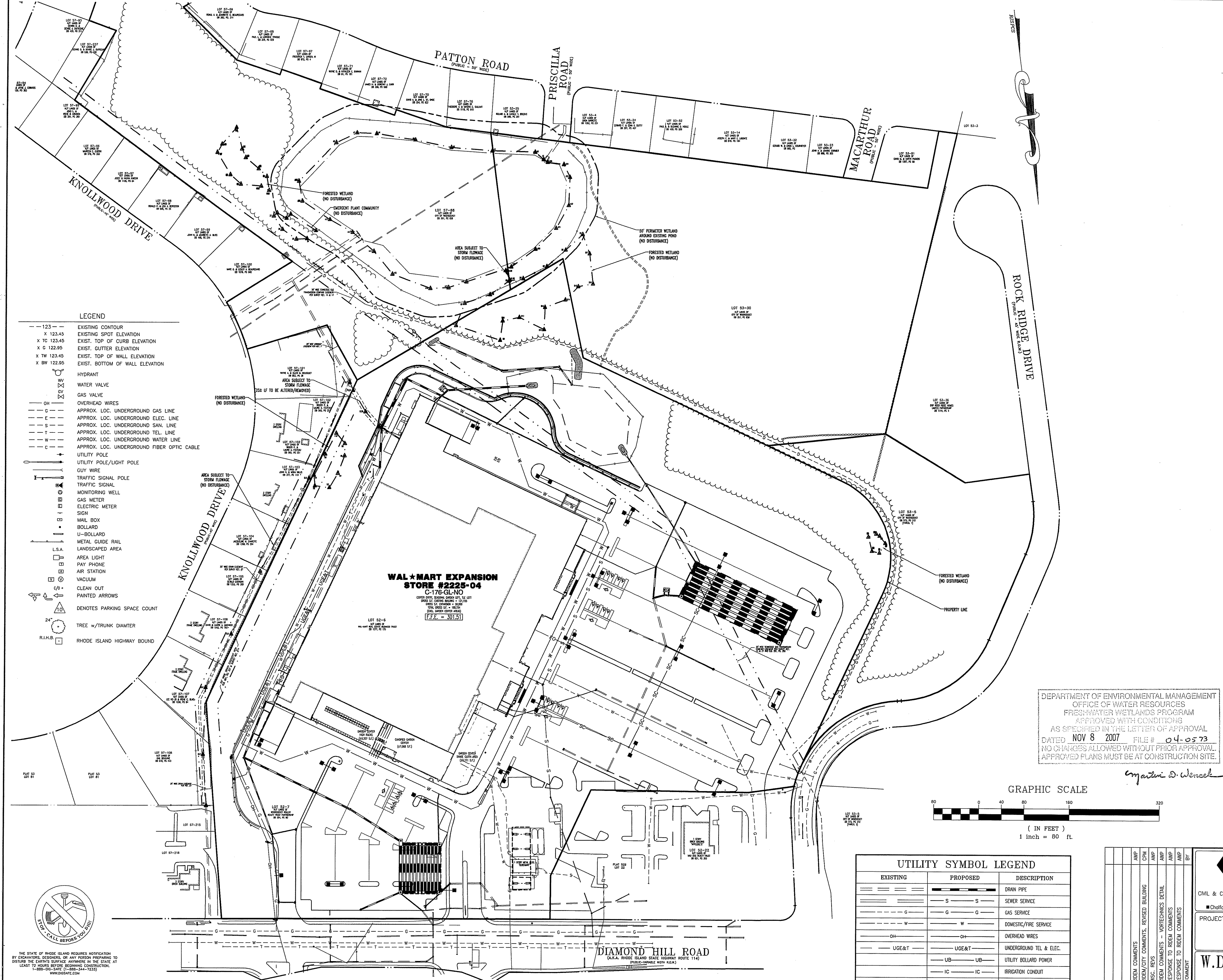
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MAINE LICENSE No. 9490

REGISTERED PROFESSIONAL ENGINEER
MATTHEW D. GOEBEL
MASSACHUSETTS LICENSE No. 8145
RHODE ISLAND LICENSE No. 8145
CONNECTICUT LICENSE No. 24567
MAINE LICENSE No. 10280
10/22/07 CIVIL

SCALE: (H) 1"=50' DATE: 02/23/05
(V) NONE
DRAWN BY: CPM
CHECKED BY: JAK/MDS
PROJECT No: W030933
CAD ID: W030933sp6
CONSTRUCTION CHECK DATE

SHEET No: **11**
OF 27
REV. No. 6

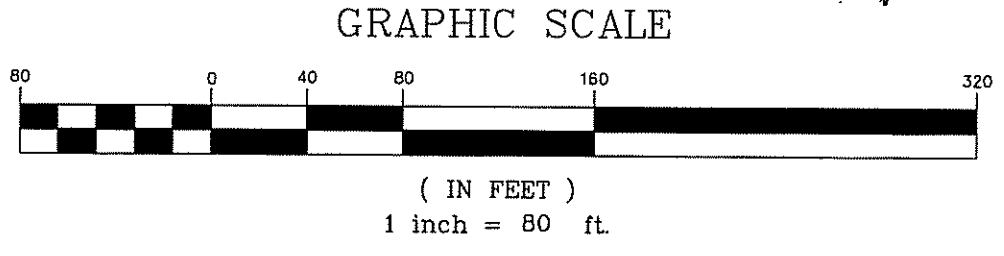
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- ### SITE UTILITY NOTES
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
 - SEE SPECIFICATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS ON UTILITY TRENCHES.
 - ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 - SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
 - 8" PVC SDR35 PER ASTM D 3034, FOR PIPES LESS THAN 12' DEEP
 - 12" PVC SDR35 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP
 - 18" SCH 40
 - DUCTILE IRON PIPE PER AWWA C150
 - MANHOLES SHALL BE PRECAST CONCRETE W/BOOTS (TRAFFIC MODEL RING & COVER)
 - WATER LINES SHALL BE AS FOLLOWS:
 - 4" AND LARGER SHALL BE DI CLASS 52. VALVES SHALL BE KENNEDY 4571, MUELLER 2360, OR EQUAL, DESIGNED FOR 200 PSI WORKING PRESSURE, OPEN RIGHT.
 - HYDRANTS SHALL BE BREAKAWAY MODEL MANUFACTURED BY KENNEDY, MUELLER, DARWIN, OR U.S. PIPE WITH 5-1/4" NCH VALVE OPENING WITH 1-1/2" NCH PUMPER NOZZLE AND TWO 2-1/2" NCH HOSE NOZZLES, OPERATING NUT OPENS RIGHT.
 - ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS.
 - ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 24" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
 - CONTRACTOR SHALL GROUT AROUND ALL PIPE ENTRANCES TO SANITARY SEWER MANHOLES WITH NON-SHRINKING GROUT TO ASSURE CONNECTION IS WATER TIGHT.
 - IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 24" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
 - ALL CONCRETE FOR ENCASUREMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
 - DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
 - EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
 - REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
 - CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST VERIFY THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. CONTRACTOR SHALL ALSO CONTACT THE CITY ENGINEERING DIVISION TO ADVISE OF THE LOCATION OF UTILITIES.
 - ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
 - CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
 - CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH CITY UTILITY REQUIREMENTS AS TO LOCATION AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
 - THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND THE OWNER'S INSPECTING AUTHORITIES.
 - CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BRACING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE, BUT NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR GSA.
 - THE INSTALLATION OR REPAIR OF ANY UNDERGROUND FACILITIES OR PIPING WHICH CONNECTS TO OR FURNISHES WATER FOR THE FIRE PROTECTION SPRINKLER SYSTEM SHALL BE PERFORMED ONLY BY A LICENSED UTILITY CONTRACTOR, FIRE PROTECTION SPRINKLER CONTRACTOR, OR LICENSED PLUMBER. SEE O.C.C.A. TITLE 25-11-1-1(a). A COPY OF THE LICENSE OR CERTIFICATE OF COMPETENCY SHALL BE PROVIDED TO THE INSPECTOR AT THE FINAL INSPECTION.
 - UTILITY WORK TO BE DONE IN FRONT OF THE STORE TO BE COORDINATED WITH WAL-MART CONSTRUCTION MANAGER. FRONT UTILITY WORK WILL BE DONE AT NIGHT IF NOT LOCATED BEHIND CONSTRUCTION FENCE.
 - CONTRACTOR TO RELOCATE LIGHT POLE AND REPLACE LUMINAIRES AS INDICATED. CONTRACTOR TO BUILD NEW POLE BASE AND STUB WIRE AS NEEDED.
 - REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.

- ### UTILITY LEGEND
- (A) 6" SANITARY SEWER LATERAL AT MINIMUM 1.0% SLOPE. COORDINATE WITH ARCHITECTURAL PLANS
 - (B) 4" SANITARY SEWER FORCE MAIN (AS06 L.F.). PRESSURE RATED MIN. SCH40 WITH GULF FITTINGS.
 - (C) GAS ENTRY WITH GAS METER. CONTRACTOR RESPONSIBLE FOR INSTALLING PIPE BOLLARD PROTECTION AT METER. CONTRACTOR SHALL COORDINATE WITH GAS COMPANY FOR TYPING OF INDIVIDUAL METER.
 - (D) CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH GAS COMPANY REGARDING THE SIZE AND INSTALLATION OF GAS SERVICE LINE.
 - (E) 3/4" PVC CONDUIT FOR TAMPER SWITCH.
 - (F) PROPOSED LOCATION OF TRANSFORMER PAD. CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE WITH POWER COMPANY PRIOR TO INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF CONCRETE PAD, CONDUIT AND PIPE BOLLARDS AS REQUIRED BY THE ELECTRIC COMPANY. CONTRACTOR SHALL COORDINATE SAID WORK WITH THE ELECTRIC COMPANY.
 - (G) OVERHEAD ELECTRIC & TELEPHONE LINES FROM DIAMOND HILL ROAD LINES.
 - (H) CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE ELECTRIC & TELEPHONE COMPANY FOR THE INSTALLATION OF UNDERGROUND ELECTRIC & TELEPHONE LINES (XX PAIR). CONTRACTOR TO COORDINATE THE TYPING OF INDIVIDUAL METERS WITH THE ELECTRIC COMPANY.
 - (I) 8" WATER SERVICE TO BUILDING AND FIRE HYDRANTS. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING WATER SERVICE AND COORDINATE CONNECTION/TAP WATER COMPANY.
 - (J) 1" IRRIGATION WATER ENTRY.
 - (K) 1" WATER TO YARD HYDRANT.
 - (L) 2" IRRIGATION WATER FROM STORE TO LAWN IRRIGATION.
 - (M) PROPOSED FIRE HYDRANT AND ASSEMBLY, TYPICAL AS INDICATED.
 - (N) REMOTE GARDEN CENTER UTILITIES PIPE BOLLARD. (SEE DETAIL SHEET)
 - (O) (3) 1" CONDUITS FOR UTILITY BOLLARD POWER.
 - (P) (3) 1/2" CONDUITS FOR IRRIGATION CONTROL ENTRY, REFER TO IRRIGATION PLAN FOR CONTINUATION.
 - (Q) REPLACE EXISTING LIGHT POLE, FIXTURES, AND LUMINAIRES WITH NEW POLE, FIXTURES, AND LUMINAIRES.
 - (R) ALL PULL BOXES LOCATED IN PAVED AREAS SUBJECT TO TRUCK TRAFFIC SHALL BE 74-20" LOAD RATED. THE TYPICAL PULL BOX SIZE WILL BE 17"x30"x28" QUARTZ. PG1730H28 BOX WITH PG1730H28 LID, OR APPROVED EQUAL. DEEPER BOXES MAY BE REQUIRED WHEN THE CONDUIT ALIGNMENT IS AFFECTED BY OTHER UTILITIES. THE PULL BOX SHALL BE INSTALLED WITH A CONCRETE COLLAR AND A MINIMUM OF 8" OF GRAVEL COMPACTED PER PROJECT SPECIFICATIONS.
 - (S) 2" FIBER OPTIC DATA LINE CONDUIT FOR GAS STATION. (REFER TO ARCHITECTURAL PLANS)
 - (T) ONE 3" CONDUIT SHALL BE CARLON TYPE "DB" DIRECT BURIAL TELEPHONE DUCT OR SCHEDULE 40 PVC. INSTALL GALVANIZED PULL WIRE OR PURPLE PROPYLENE/ETHYLENE ROPE WITH A MINIMUM PULLING TENSION OF 100 POUNDS. THE MINIMUM BURIAL DEPTH SHALL BE 24". INSTALL AN ORANGE DETECTABLE HAZARD TAPE WITH INTEGRAL "BURIED CABLE" WORKING 12" ABOVE CONDUIT.
 - (U) ONE 2" CONDUIT SHALL BE CARLON TYPE "DB" DIRECT BURIAL TELEPHONE DUCT OR SCHEDULE 40 PVC. INSTALL GALVANIZED PULL WIRE OR PURPLE PROPYLENE/ETHYLENE ROPE WITH A MINIMUM PULLING TENSION OF 100 POUNDS. THE MINIMUM BURIAL DEPTH SHALL BE 24". INSTALL AN ORANGE DETECTABLE HAZARD TAPE WITH INTEGRAL "BURIED CABLE" WORKING 12" ABOVE CONDUIT. THE 2" LP CAMERA CONDUIT SHALL BE SEPARATE FROM THE 480 VAC LIGHT FIXTURE POWER BY A DIVIDER PLACED IN THE LIGHT POLE BASE JUNCTION BOXES.
 - (V) ALL CHANGES IN DIRECTION OF THE CONDUIT SHALL UTILIZE STANDARD SWEEPS WITH A MINIMUM BENDING RADIUS LISTED IN THE NEC. NO MORE THAN (2) 90-DEGREE BENDS WILL BE ALLOWED BETWEEN PULLING POINTS, OR A TOTAL OF 180 DEGREES COMBINED IN SEVERAL BENDS. PULL BOXES SHALL BE LOCATED EVERY 400 FEET UNLESS THE COMBINED TOTAL OF BENDS REQUIRES ADDITIONAL BOXES.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 8 2007 FILE # 04-0573
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.



UTILITY SYMBOL LEGEND		
EXISTING	PROPOSED	DESCRIPTION
---	---	DRAIN PIPE
---	S	SEWER SERVICE
---	G	GAS SERVICE
---	W	DOMESTIC/FIRE SERVICE
OH	OH	OVERHEAD WIRES
---	UG&T	UNDERGROUND TEL & ELEC.
---	UB	UTILITY BOLLARD POWER
---	IC	IRRIGATION CONDUIT
---	IW	IRRIGATION WATER
---	SC	SECURITY CAMERA
---	FO	FIBER OPTIC

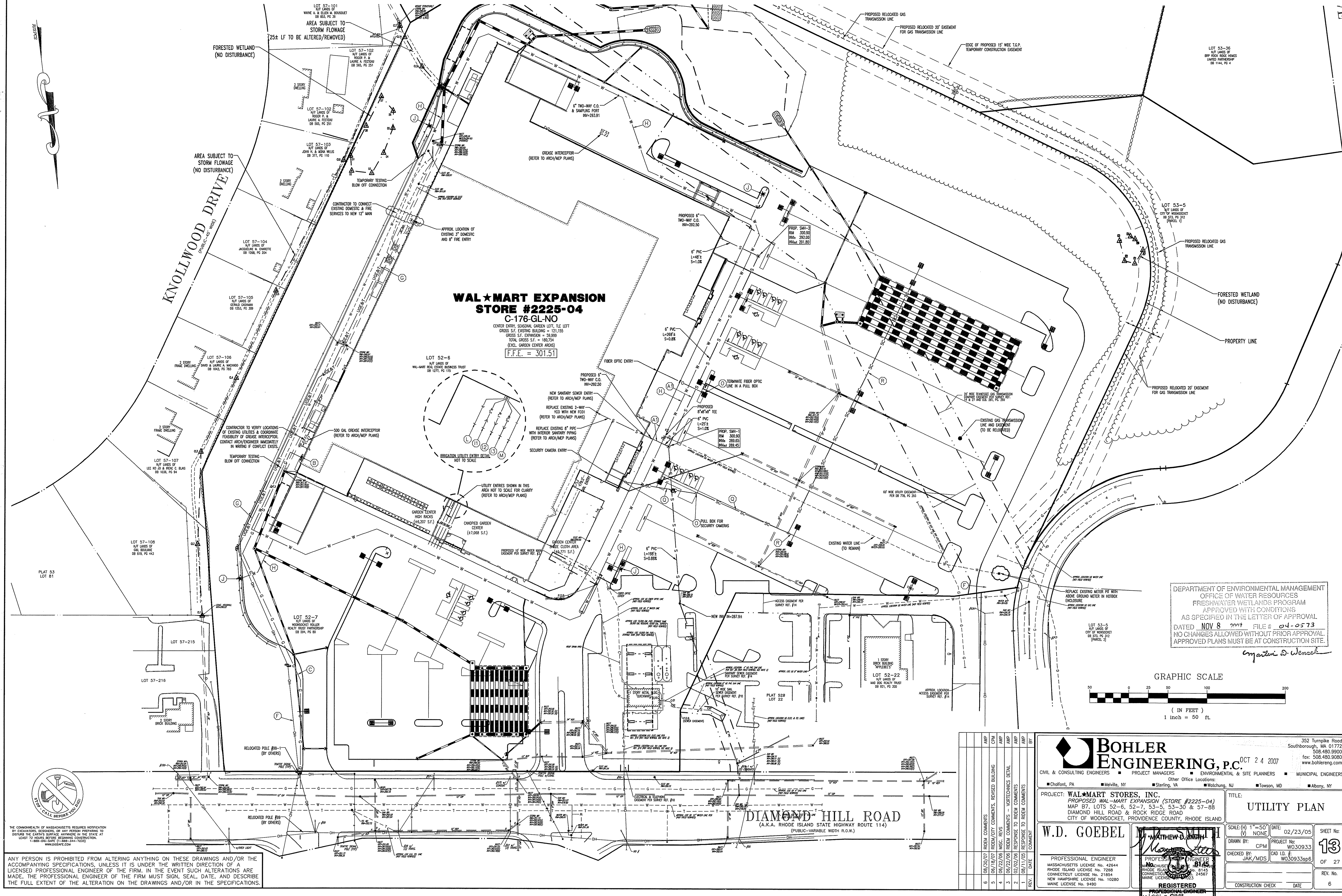
BOHLER ENGINEERING, P.C.
CIVIL & CONSULTING ENGINEERS
352 Turnpike Road
Southborough, MA 01772
508.480.9800
fax: 508.480.9080
www.bohlereng.com

W.D. GOEBEL
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 42844
RHODE ISLAND LICENSE NO. 2768
CONNECTICUT LICENSE NO. 21854
NEW HAMPSHIRE LICENSE NO. 10080
MAINE LICENSE NO. 9490

OVERALL UTILITY PLAN
PROJECT: WAL-MART STORES, INC.
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-68
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND
TITLE: OVERALL UTILITY PLAN
SCALE (H) 1"=80'
DATE: 02/23/05
SHEET No: 12 OF 27
REV. No: 6

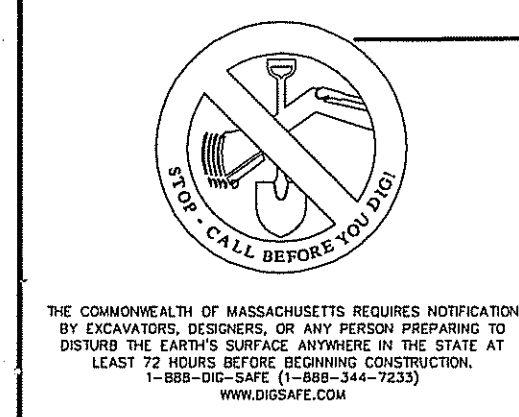
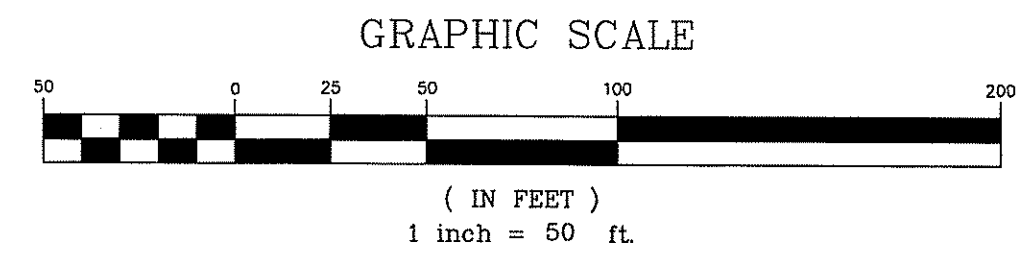
6	08/20/07	REVISION COMMENTS	AMF
5	08/19/07	REVISION COMMENTS, REVISED BUILDING	CPN
4	08/19/07	REVISION COMMENTS	AMF
3	09/22/08	REVISION COMMENTS - VORTEXES DETAIL	AMF
2	02/22/08	RESPONSE TO REVISION COMMENTS	AMF
1	08/17/05	RESPONSE TO REVISION COMMENTS	AMF
REV.	DATE	COMMENT	BY

ANY PERSON IS PROHIBITED FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE WRITTEN DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF THE FIRM. IN THE EVENT SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER OF THE FIRM MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS.



**WAL★MART EXPANSION
STORE #2225-04
C-176-GL-NO**
CENTER ENTRY: SEASONAL GARDEN LEFT, TLE LEFT
GROSS S.F. EXISTING BUILDING = 121,155
GROSS S.F. EXPANSION = 59,999
TOTAL GROSS S.F. = 181,154
(ENCL. GARDEN CENTER AREAS)
F.F.E. = 301.51

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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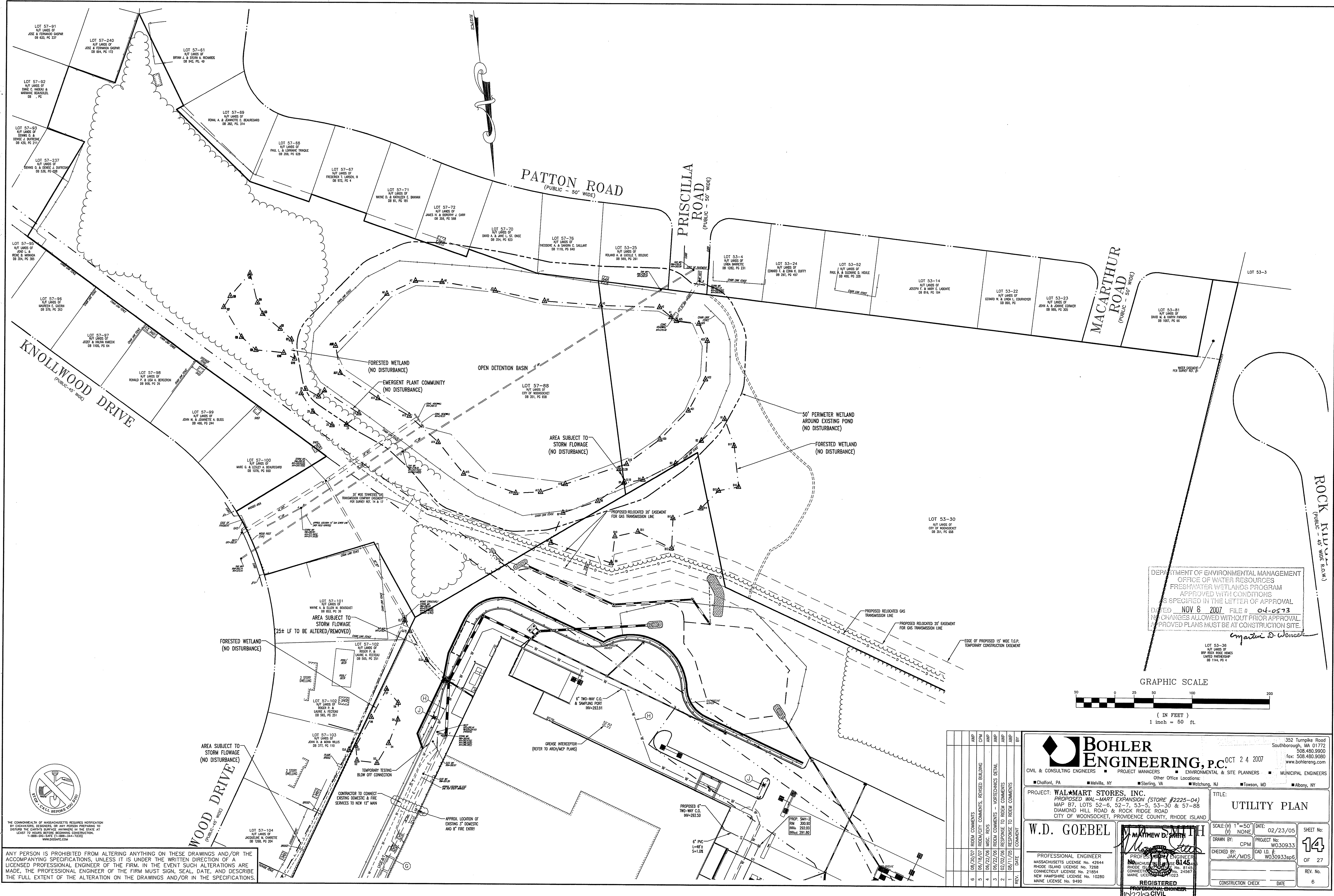
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352 Turnpike Road
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fax: 508.480.9080
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PROJECT: WAL★MART STORES, INC.
PROPOSED WAL★MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

W.D. GOEBEL
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 42644
RHODE ISLAND LICENSE No. 7268
CONNECTICUT LICENSE No. 21854
NEW HAMPSHIRE LICENSE No. 10280
MAINE LICENSE No. 9490

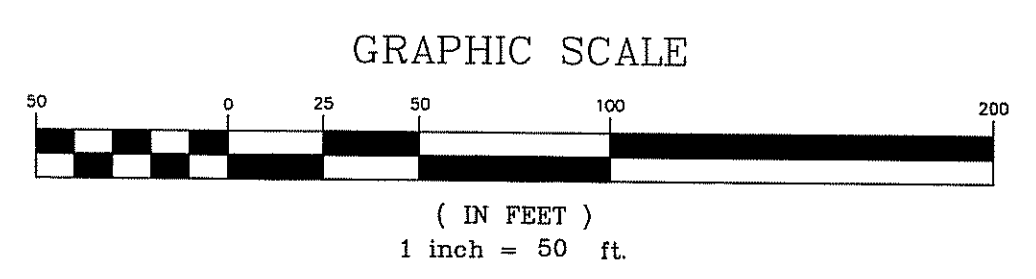
REGISTERED PROFESSIONAL ENGINEER
MATTHEW D. SMITH
MASSACHUSETTS LICENSE No. 8145
RHODE ISLAND LICENSE No. 8145
CONNECTICUT LICENSE No. 24567
MAINE LICENSE No. 2023
10/22/07 CIVIL

UTILITY PLAN
SCALE: (H) 1"=50'
(V) NONE
DATE: 02/23/05
SHEET No: 13
OF 27
REV. No. 6
DRAWN BY: CPM
CHECKED BY: JAK/MDS
CONSTRUCTION CHECK: DATE



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED NOV 8 2007 FILE # 04-0573
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Matthew D. Smith
REGISTERED PROFESSIONAL ENGINEER
MAINE LICENSE NO. 10280



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PROJECT: WAL-MART STORES, INC.
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP 87, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

W.D. GOEBEL
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 42644
RHODE ISLAND LICENSE NO. 7268
CONNECTICUT LICENSE NO. 21654
MAINE LICENSE NO. 9490

REGISTERED PROFESSIONAL ENGINEER
102267 CIVIL

TITLE: UTILITY PLAN
SCALE: (H) 1"=50' DATE: 02/23/05
(V) NONE
DRAWN BY: CPM PROJECT NO: W030933
CHECKED BY: JAK/MDS CAD L.D. #: W030933sp6
CONSTRUCTION CHECK DATE: 6

NO.	DATE	DESCRIPTION
1	08/10/07	REVISION COMMENTS: REVISED BUILDINGS
2	08/10/07	REVISION COMMENTS: REVISED BUILDINGS
3	08/22/08	REVISION COMMENTS: VORTECHNICS DETAIL
4	08/22/08	REVISION COMMENTS: RESPONSE TO REVISION COMMENTS
5	08/11/05	REVISION COMMENTS: RESPONSE TO REVISION COMMENTS

WAL★MART EXPANSION STORE #2225-04 C-176-GL-NO

CENTER ENTRY, SEASONAL GARDEN LEFT, TLE LEFT
GROSS S.F. EXISTING BUILDING = 121,155
GROSS S.F. EXPANSION = 59,999
TOTAL GROSS S.F. = 181,154
(EXCL. GARDEN CENTER AREAS)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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Christopher D. Weneck

PAVING NOTES

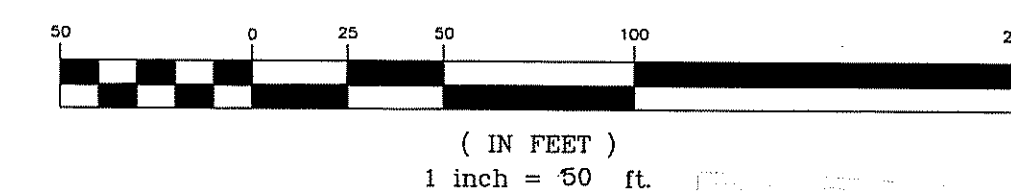
- PAVING INSTALLATION WITHIN WAL-MART SITE TO BE SEQUENCED SO AS NOT TO IMPEDE STORE OPERATIONS. SEQUENCING MUST BE APPROVED BY WAL-MART CONSTRUCTION MANAGER AND WAL-MART STORE MANAGER PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL MILL PAVEMENT AT ALL CURBS IN PAVEMENT OVERLAY AREA TO PROVIDE 6" REVEAL AND FULL OVERLAY DEPTH.

LEGEND

- PROPOSED HEAVY DUTY PAVEMENT REPLACEMENT
- PROPOSED STANDARD DUTY PAVEMENT REPLACEMENT
- PROPOSED HEAVY DUTY CONCRETE
- PROPOSED STANDARD DUTY CONCRETE
- PROPOSED 1.5" PAVEMENT OVERLAY

NOTE: CONTRACTOR TO ENSURE POSITIVE DRAINAGE THROUGHOUT OVERLAY AREA.

GRAPHIC SCALE



DIAMOND HILL ROAD
(A.K.A. RHODE ISLAND STATE HIGHWAY ROUTE 114)
(PUBLIC-VARIABLE WIDTH R.O.W.)

ROCK RIDGE DRIVE
(PUBLIC - 45' WIDE R.O.W.)

BOHLER ENGINEERING, P.C. CIVIL & CONSULTING ENGINEERS PROJECT MANAGERS ENVIRONMENTAL & SITE PLANNERS MUNICIPAL ENGINEERS Other Office Locations: Chalfont, PA Melville, NY Sterling, VA Watchung, NJ Towson, MD Albany, NY		352 Turnpike Road Southborough, MA 01772 508.480.9900 fax: 508.480.9080 www.bohlereng.com	
PROJECT: WAL★MART STORES, INC. PROPOSED WAL★MART EXPANSION (STORE #2225-04) MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88 DIAMOND HILL ROAD & ROCK RIDGE ROAD CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND		TITLE: PAVING PLAN SCALE: (H) 1"=50' DATE: 02/23/05 SHEET No: 15 (V) NONE DRAWN BY: CPM PROJECT No: W030933 OF 27 CHECKED BY: JAK/MDS CAD ID: W050933sp6 CONSTRUCTION CHECK DATE REV. No: 6	
PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 42644 RHODE ISLAND LICENSE No. 7268 CONNECTICUT LICENSE No. 21854 NEW HAMPSHIRE LICENSE No. 10280 MAINE LICENSE No. 9490		PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 8145 RHODE ISLAND LICENSE No. 8145 CONNECTICUT LICENSE No. 24557 MAINE LICENSE No. 24557 REGISTERED PROFESSIONAL ENGINEER 102219 CIVIL	

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THE STATE OF RHODE ISLAND REQUIRES NOTIFICATION BY ENGINEERS, DESIGNERS, OR ANY PERSON PREPARING TO DISBURS THE EARTH'S SURFACE ANYWHERE IN THE STATE AT LEAST 72 HOURS BEFORE BEGINNING CONSTRUCTION.
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WWW.DIGSAFE.COM



SITE LANDSCAPE NOTES

1. ALL PLANTS MUST BE HEALTHY, MODURUS MATERIAL, FREE OF PESTS AND DISEASE.
2. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURL LAPPED AS INDICATED IN THE PLANT LIST.
3. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL TREES MUST BE CUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
9. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF THE PLANTING AREAS AND LAWN UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
10. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.
11. THE ARCHITECT SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
12. AFTER BEING DONE AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
13. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFLATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS.
14. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
15. ALL SHRUB, GROUND COVER AND SEASONAL COLOR ANNUAL PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH HARDWOOD MULCH TO A MINIMUM DEPTH OF FOUR INCHES.
16. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF THE UTILITY LINES AND ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD.
17. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
18. DURING THE GROWING SEASON ALL ANNUALS SHALL REMAIN IN A HEALTHY, VITAL CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
19. ALL PLANT MATERIALS QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
20. ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOP SOIL, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. THIS IS EXCLUDING ALL LANDSCAPED ISLANDS AND ENTRANCE AREAS.
21. REFER TO WAL-MART SPECIFICATIONS FOR ALL INFORMATION NEEDED FOR IMPLEMENTATION OF PLANTING PLANS.

LANDSCAPE SCHEDULE

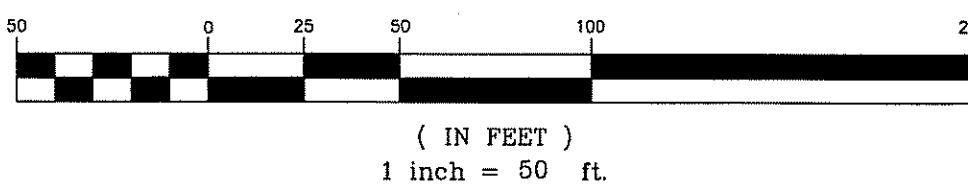
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHADE TREE					
AROC	12	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2 1/2-3" CAL	B+8
FPS	16	FRAXINUS PENSYLVANICA 'SUMMIT'	SUMMIT GREEN ASH	2 1/2-3" CAL	B+8
GTS	8	GLEDITSIA THORNHEDGECOCK 'SHADENAST'	SHADENAST HONEYLOCUST	2 1/2-3" CAL	B+8
OP	10	QUERCUS 'PILULIFERA'	PIN OAK	2 1/2-3" CAL	B+8
ZS	11	ZELKOWA SEROTINA 'GREEN VASE'	GREEN VASE ZELKOWA	2 1/2-3" CAL	B+8
57					
ORNAMENTAL TREE					
CK	3	CORNUS KOUSA	KOUSA DOGWOOD	8'-10'	B+8
EVERGREEN TREE					
ABC	50	ABIES CONCOLOR	COLORADO WHITE FIR	6-7'	B+8
PP	51	PICEA PUNGENS	COLORADO SPRUCE	6-7'	B+8
PPG	17	PICEA PUNGENS GLAUCA	COLORADO BLUE SPRUCE	7-8'	B+8
178					
EVERGREEN SHRUB					
IC	20	ILEX GLABRA COMPACTA	DIWARF HAWTHORN HOLLY	24-30"	B5 CAN
JPC	30	JUNIPERUS CHINENSIS 'PITZERIANA COMPACTA'	COMPACT PITZER JUNIPER	18-24" SPND.	B5 CAN
ROKZ	7	RHOODODENDRON CATAPAWBENSE 'NOVA ZEMBLA'	NOVA ZEMBLA RHOODODENDRON	30-36"	B+8
RAUM	23	RHOODODENDRON CAROLINIANA X PAN	PAN RHOODODENDRON	24-30"	B+8
TH	56	'TAUS MEDIA 'MICKY'	MICKY YEW	30-36"	B+8
TND	68	'TAUS X MEDIA 'DENSIFORMIS YEW	DENSIFORMIS YEW	24-30"	B+8
TOT	54	THALIA OCCIDENTALIS 'TECHNY'	TECHNY ARBORETE	5-6'	B+8
TOE	51	THALIA OCCIDENTALIS	NORTHERN WHITE CEDAR	5-6'	B+8
303					
DECIDUOUS SHRUB					
LTAR	12	LONGICERA TATARICA 'ARNOLD RED'	ARNOLD RED HONEYSUCKLE	24-30"	B5 CAN
PFOD	39	POTENTILLA FRUTICOSA 'GOLD DROP'	GOLD DROP CINQUEFOIL	15-18"	B5 CAN
SPSH	20	SPREIA X BUNALDIA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	18-24"	B5 CAN
SBS	18	SPREIA X BUNALDIA 'GOLDFLAME'	GOLD FLAME SPIREA	15-18"	B5 CAN
T69					

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.

NOTE
PER DESIGN REVIEW COMMENTS BY O'NEARNE ASSOCIATES DATED AUGUST 7, 2007, UP TO 15 ADDITIONAL EVERGREENS (8 ABC & 7 PP) SHALL BE PROVIDED BASED ON A POST-CONSTRUCTION REVIEW BY THE PLANNING DEPARTMENT OF THE SUCCESS OF THE PLANTED BUFFER AFFECTING THE ADJACENT RESIDENTIAL PROPERTIES.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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GRAPHIC SCALE



WAL★MART EXPANSION
STORE #2225-04
C-176-GL-NO

CENTER ENTRY, SEASONAL GARDEN LEFT, TLE LEFT
GROSS S.F. EXISTING BUILDING = 121,155
GROSS S.F. EXPANSION = 59,891
TOTAL GROSS S.F. = 180,754
(EXCL. GARDEN CENTER AREAS)

A 1'-6" WIDE SOD STRIP IS
REQUIRED BEHIND ALL CURBS
UNLESS OTHERWISE NOTED
(REFER TO SPECIFICATIONS)

DIAMOND HILL ROAD
(A.K.A. RHODE ISLAND STATE HIGHWAY ROUTE 114)
(PUBLIC-VARIABLE WIDTH R.O.W.)

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PROJECT: WAL★MART STORES, INC.
PROPOSED WAL★MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: LANDSCAPING PLAN

W.D. GOEBEL
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE NO. 42644
RHODE ISLAND LICENSE NO. 7268
CONNECTICUT LICENSE NO. 21854
NEW HAMPSHIRE LICENSE NO. 10280
MAINE LICENSE NO. 9490

DATE: 02/23/05
SHEET No: 16
OF 27
REV. No: 6

ANY PERSON IS PROHIBITED FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE WRITTEN DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF THE FIRM. IN THE EVENT SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER OF THE FIRM MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS.

SITE LANDSCAPE NOTES

1. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
2. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BUR LAPPED AS INDICATED IN THE PLANT LIST.
3. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
9. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF THE PLANTING AREAS AND LAWN UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
10. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.
11. THE ARCHITECT SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
12. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
13. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS.
14. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
15. ALL SHRUB, GROUND COVER AND SEASONAL COLOR ANNUAL PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH HARDWOOD MULCH TO A MINIMUM DEPTH OF FOUR INCHES.
16. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF THE UTILITY LINES AND ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD.
17. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
18. DURING THE GROWING SEASON ALL ANNUALS SHALL REMAIN IN A HEALTHY, VITAL CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
19. ALL PLANT MATERIALS QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
20. ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOP SOIL, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. THIS IS EXCLUDING ALL LANDSCAPED ISLANDS AND ENTRANCE AREAS.
21. REFER TO WAL-MART SPECIFICATIONS FOR ALL INFORMATION NEEDED FOR IMPLEMENTATION OF PLANTING PLANS.

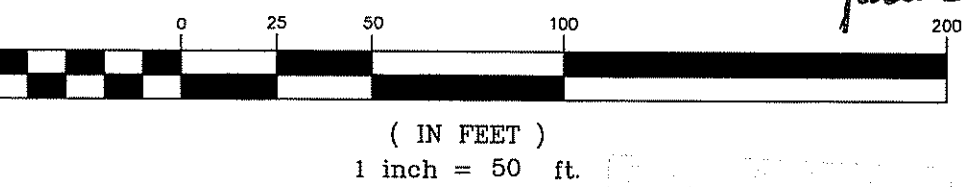
LANDSCAPE SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHRUB TREE					
ARGC	12	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2 1/2-3" CAL	B+8
FPS	16	FRAXINUS PENNSYLVANICA 'SUMMIT'	SUMMIT GREEN ASH	2 1/2-3" CAL	B+8
GTIS	8	GLEDISIA THACANTHOS VAR. INTERMIS 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	2 1/2-3" CAL	B+8
OP	10	QUERCUS PULCHERRIMA	PIN OAK	2 1/2-3" CAL	B+8
ZS	11	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA	2 1/2-3" CAL	B+8
ORNAAMENTAL TREE					
CK	3	CORNUS KOUSA	KOUSA DOGWOOD	8'-10'	B+8
EVERGREEN TREE					
ABC	50	ABIES CONCOLOR	COLORADO WHITE FIR	6-7'	B+8
PP	51	PICEA PUNGENS	COLORADO SPRUCE	6-7'	B+8
PPG	17	PICEA PUNGENS GLAUCA	COLORADO BLUE SPRUCE	7-8'	B+8
EVERGREEN SHRUB					
IC	20	ILEX GLABRA COMPACTA	DIWARF HAWTHORN HOLLY	24-30"	B5 CAN
JCPIC	30	JUNIPERUS CHINENSIS 'PYRAMIDALIS COMPACTA'	COMPACT PYRAMIDAL JUNKER	18-24" SPDR.	B5 CAN
ROKZ	7	RHOODODENDRON CATAMBENSE 'NOVA ZEMBLA'	NOVA ZEMBLA RHOODODENDRON	30-36"	B+8
RUIM	23	RHOODODENDRON CAROLINIANA X PUN	PUN RHOODODENDRON	24-30"	B+8
TH	55	THUNBERGIA 'TICKS'	HICKS YEW	30-36"	B+8
TND	68	TAUNUS X MEZA 'DENSIFORMIS'	DENSIFORMES YEW	24-30"	B+8
TOT	54	THUJA OCCIDENTALIS 'TECHNY'	TECHNY ARBORVITAE	5-6'	B+8
TOE	51	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	5-6'	B+8
DECIDUOUS SHRUB					
LAR	12	LONICERA TATARICA 'ARNOLD RED'	ARNOLD RED HONEYSUCKLE	24-30"	B5 CAN
PFOD	39	POTENTILLA FRUTICOSA 'GOLD DROP'	GOLD DROP CINQUEFOIL	15-18"	B5 CAN
SPBW	20	SPIREA X BUNALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	18-24"	B5 CAN
SSG	20	SPIREA X BUNALDA 'GOLDFLAME'	GOLD FLAME SPIREA	15-18"	B5 CAN

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL PREVAIL.

NOTE
PER DESIGN REVIEW COMMENTS BY O'NEARNE ASSOCIATES DATED AUGUST 7, 2007, UP TO 15 ADDITIONAL EVERGREENS (B ABC & 7 PP) SHALL BE PROVIDED BASED ON A POST-CONSTRUCTION REVIEW BY THE PLANNING DEPARTMENT OF THE SUCCESS OF THE PLANTED BUFFER AFFECTING THE ADJACENT RESIDENTIAL PROPERTIES.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 8 2007 FILE # 04-0573
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
GRAPHIC SCALE
1 inch = 50 ft.



BOHLER ENGINEERING, P.C.

CIVIL & CONSULTING ENGINEERS

PROJECT MANAGERS

ENVIRONMENTAL & SITE PLANNERS

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Chalfont, PA

Melville, NY

Sterling, VA

Watertown, NJ

Towson, MD

Albany, NY

PROJECT: WAL-MART STORES, INC.

PROPOSED WAL-MART EXPANSION (STORE #2225-04)

MAP B7, LOTS 52-6, 52-7, 53-8, 53-30 & 57-88

DIAMOND HILL ROAD & ROCK RIDGE ROAD

CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

W.D. GOEBEL

PROFESSIONAL ENGINEER

MASSACHUSETTS LICENSE NO. 42644

RHODE ISLAND LICENSE NO. 7268

CONNECTICUT LICENSE NO. 21854

NEW HAMPSHIRE LICENSE NO. 10280

MAINE LICENSE NO. 9490

LANDSCAPING PLAN

SCALE: (H) 1"=50'

DATE: 02/23/05

SHEET No: 17

OF 27

REV. No: 6

REVISIONS

1. 02/23/05

2. 02/23/05

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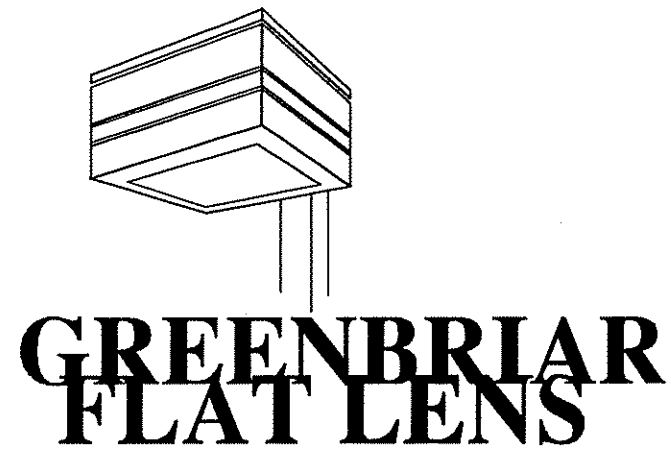
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NOTE: -CAM INDICATES POLE MOUNTED SECURITY CAMERA

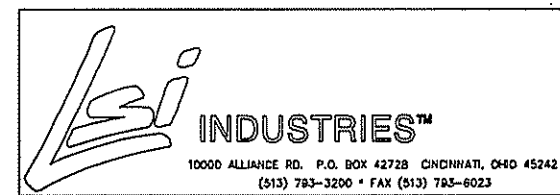


Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Lumens	LF	Description
1	5	KV	3 @ 90 DEGREES	120000	0.750	GFR 5 1000 PSWV F 39" POLE 3' BASE
1	11	RV	0180	120000	0.750	GFR 5 1000 PSWV F 39" POLE 3' BASE
1	1	TV	SHIELD	120000	0.750	GFR 5 1000 PSWV F 39" POLE 3' BASE
1	1	JV	ROTATED2 BOTH IN 9	120000	0.750	GFR 2 1000 PSWV F 39" POLE 3' BASE
1	1	JV1	ROTATED2 BOTH IN 9	120000	0.750	GFR 2 1000 PSWV F 39" POLE 3' BASE
						Total Watts = 43360

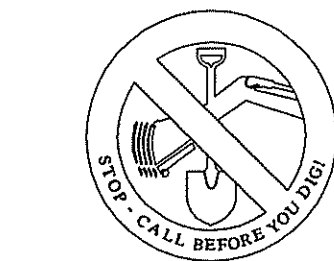
Statistical Area Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
FRONT DRIVE SUMMARY	7.50	11.2	4.3	1.84	2.60
MAIN LOT SUMMARY	4.35	9.8	1.5	2.50	6.53

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.

This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

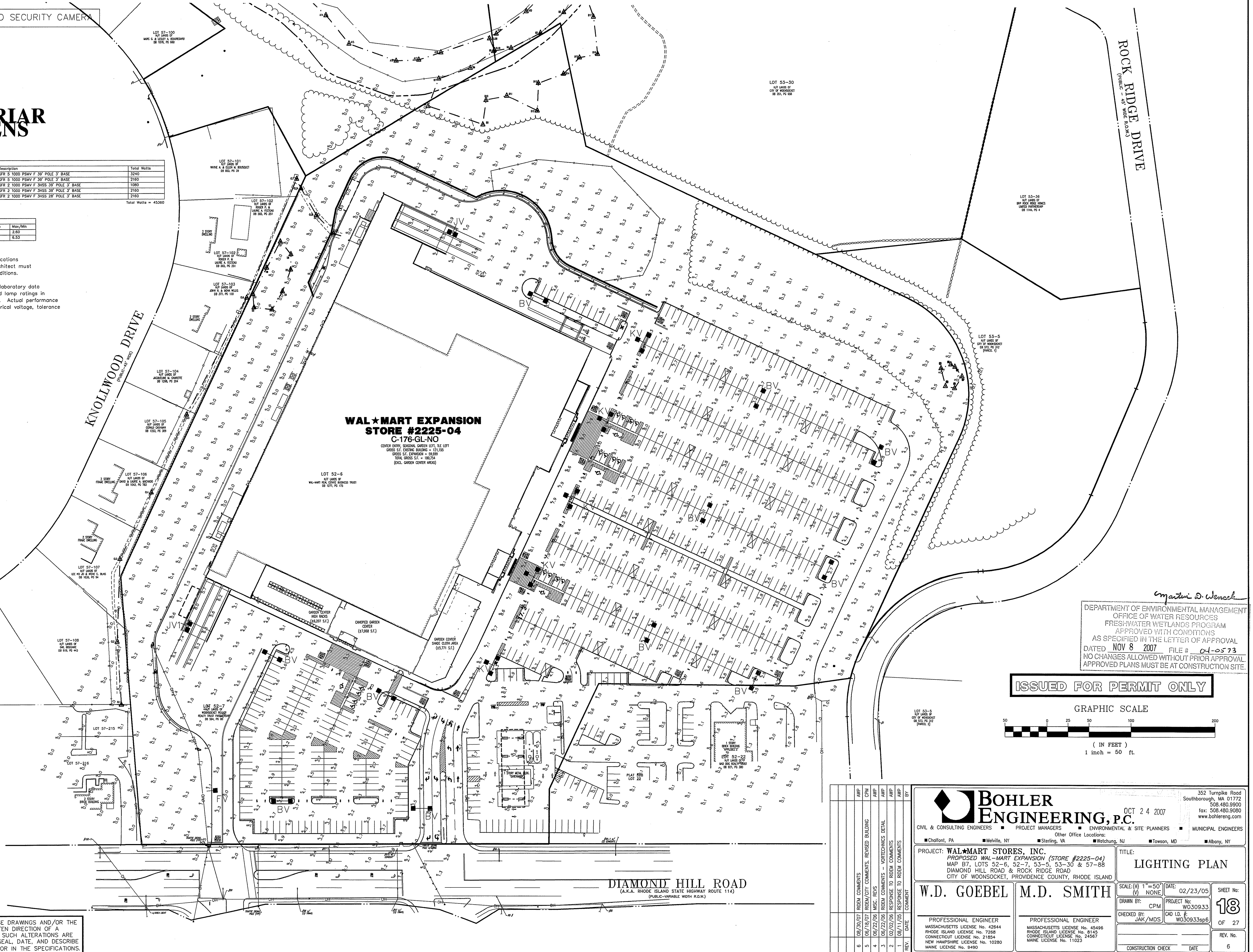


SCALE



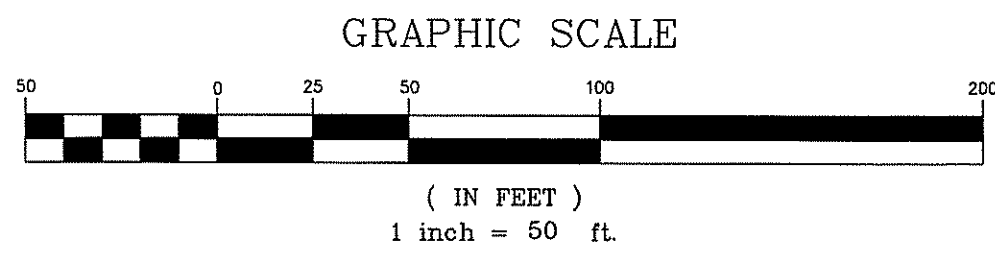
THE STATE OF RHODE ISLAND REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE AT LEAST 72 HOURS BEFORE BEGINNING CONSTRUCTION.

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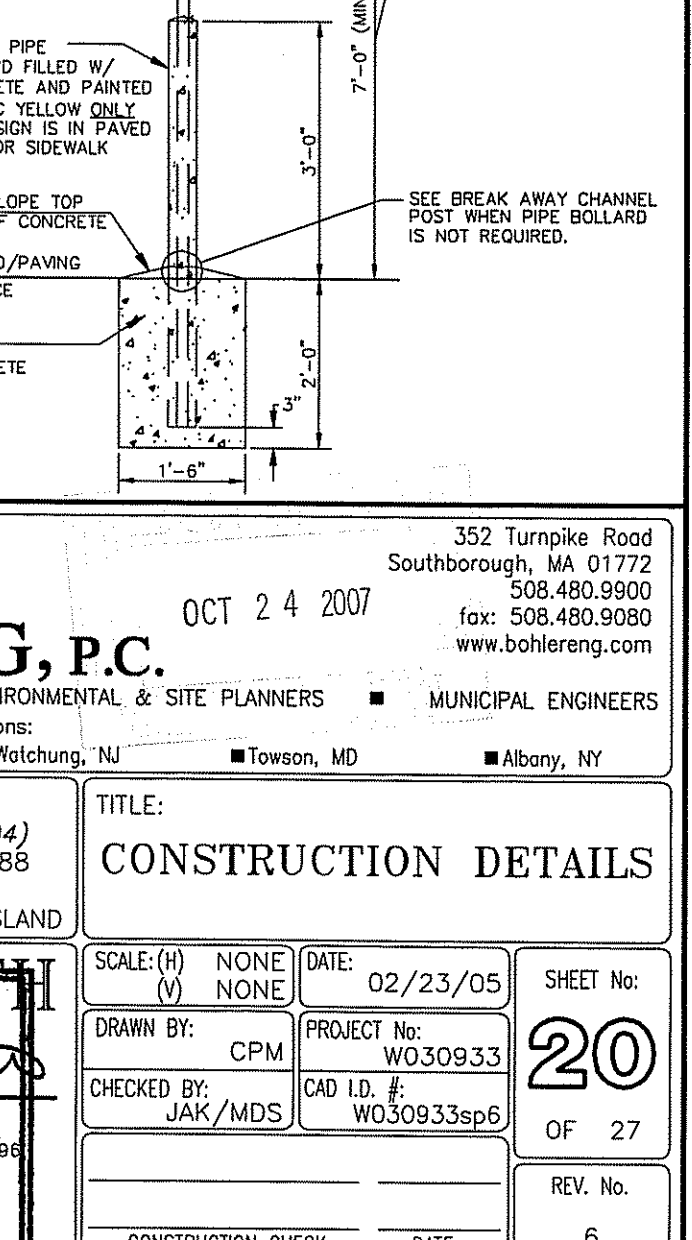
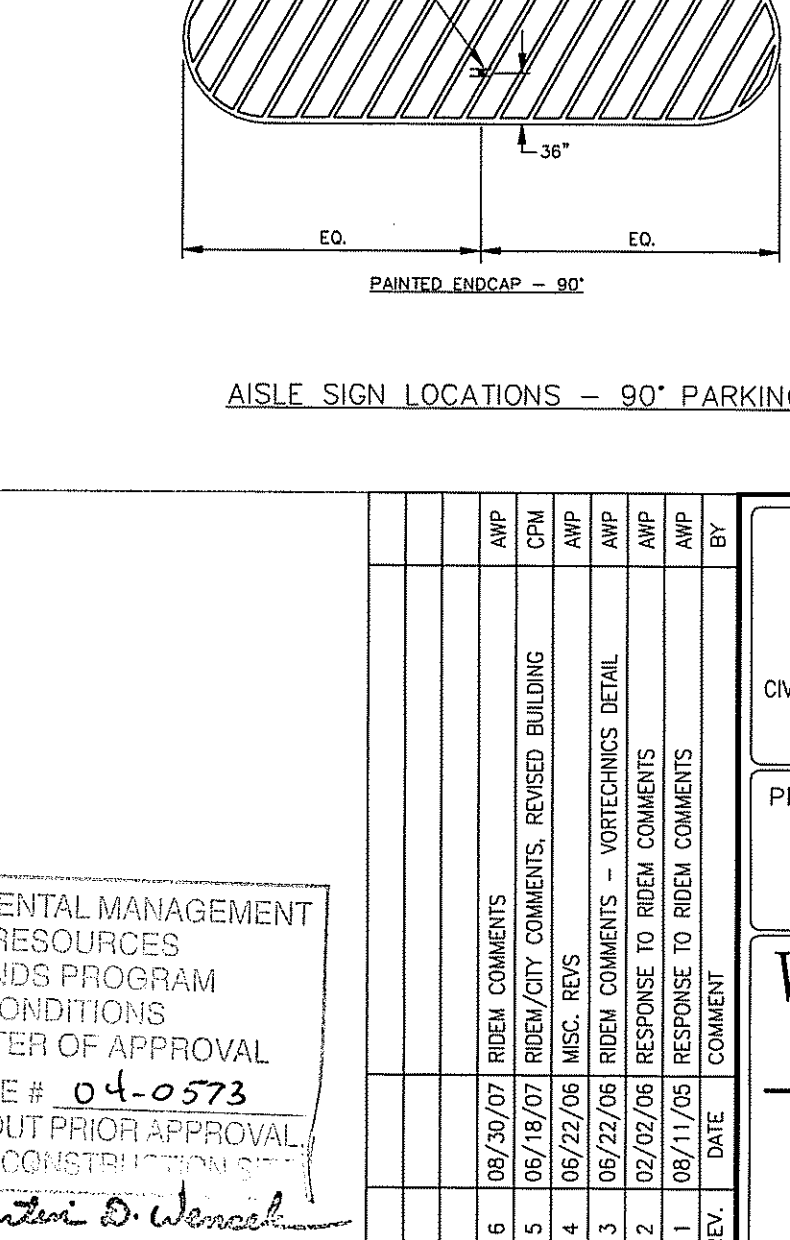
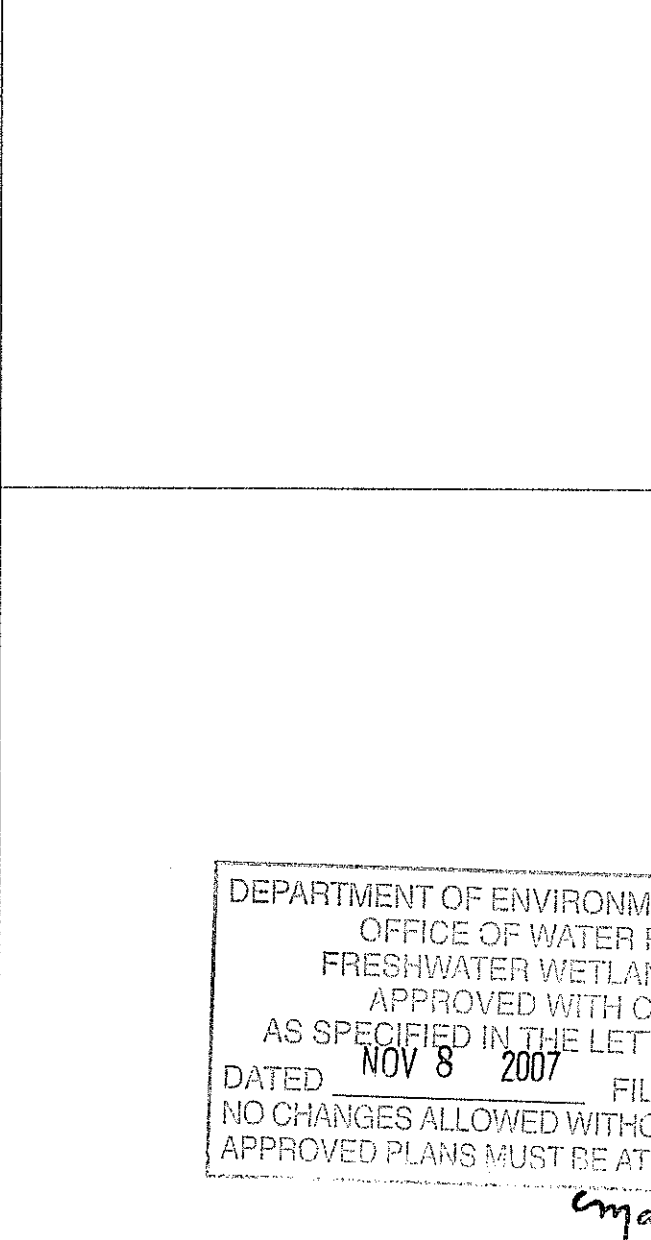
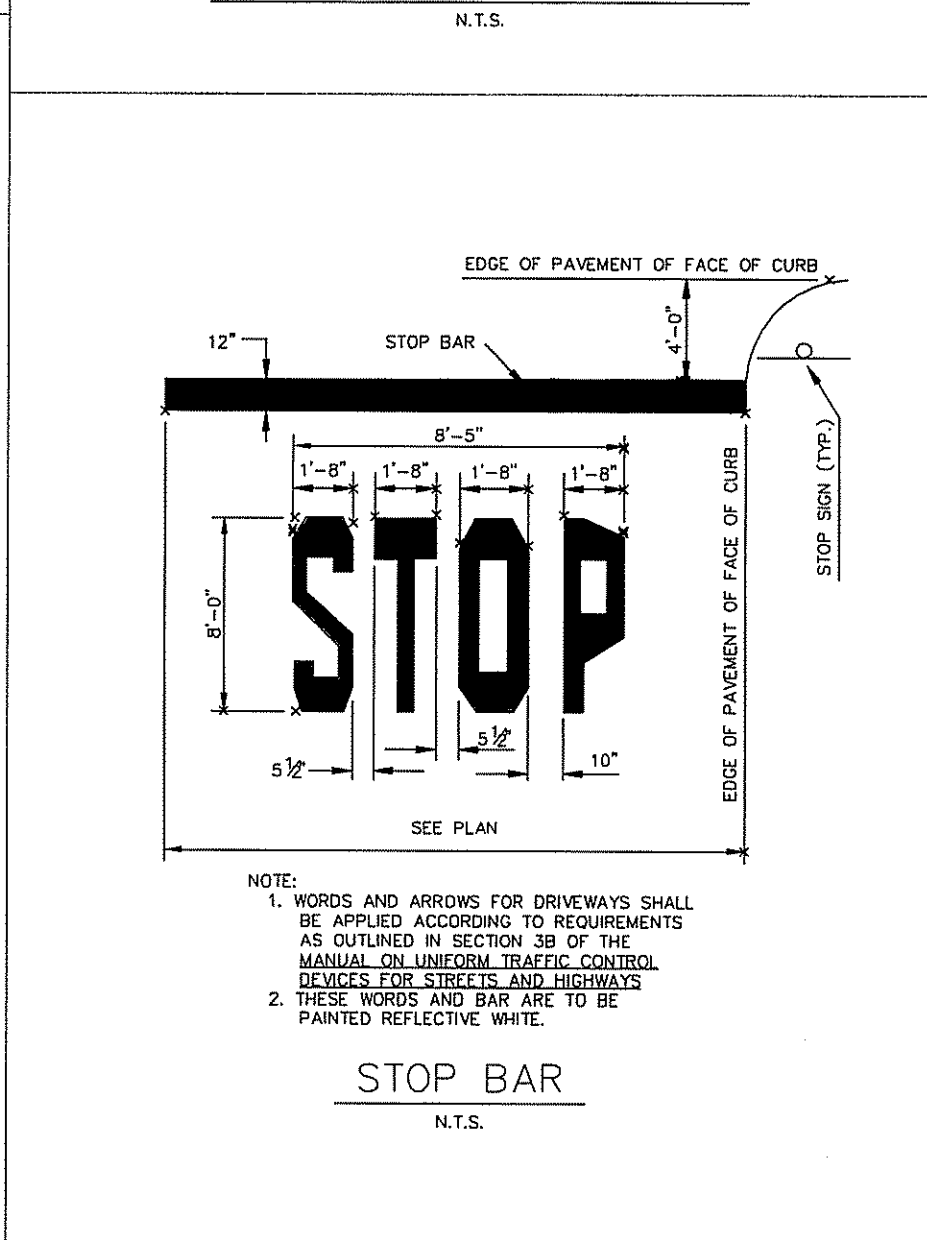
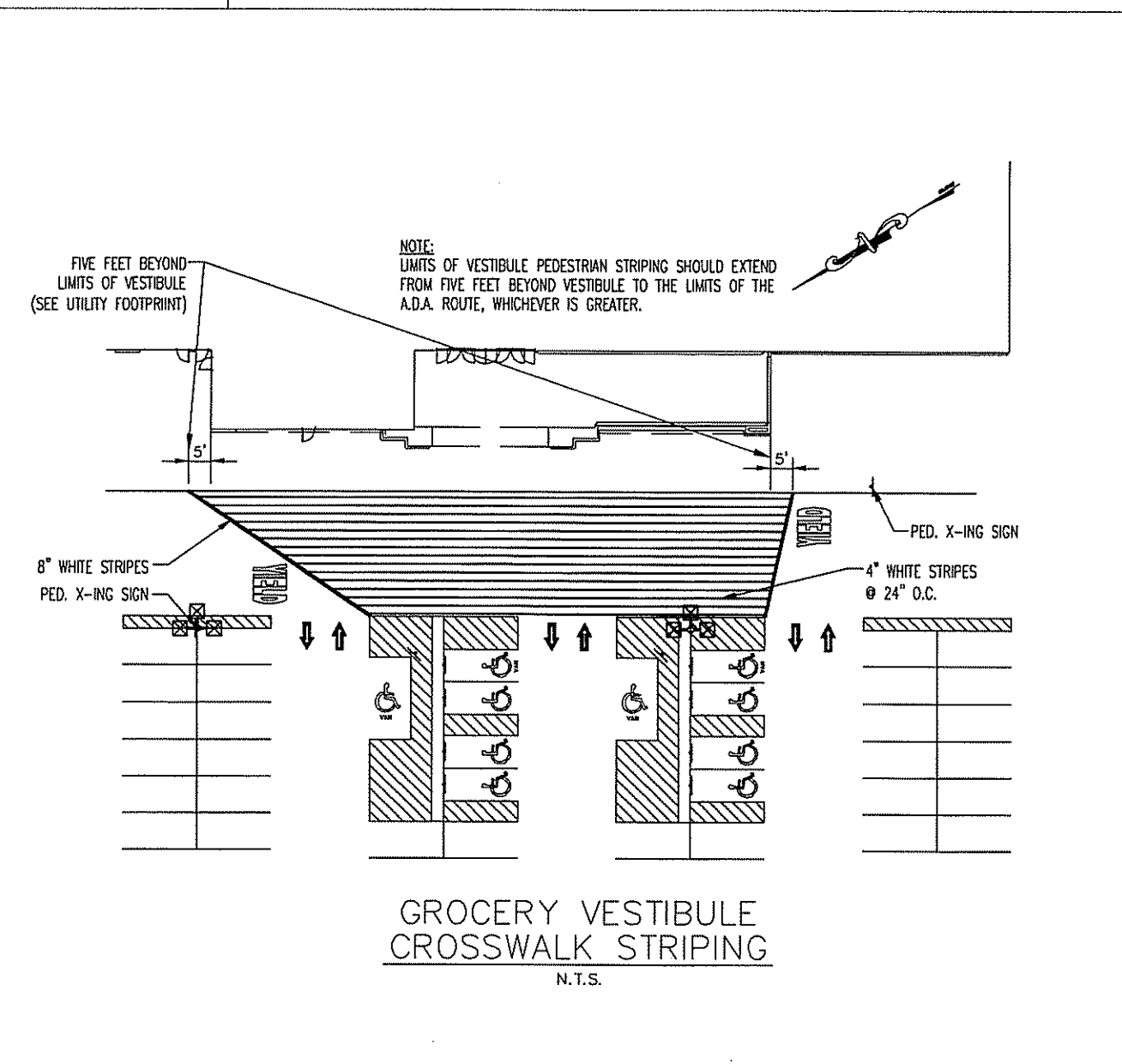
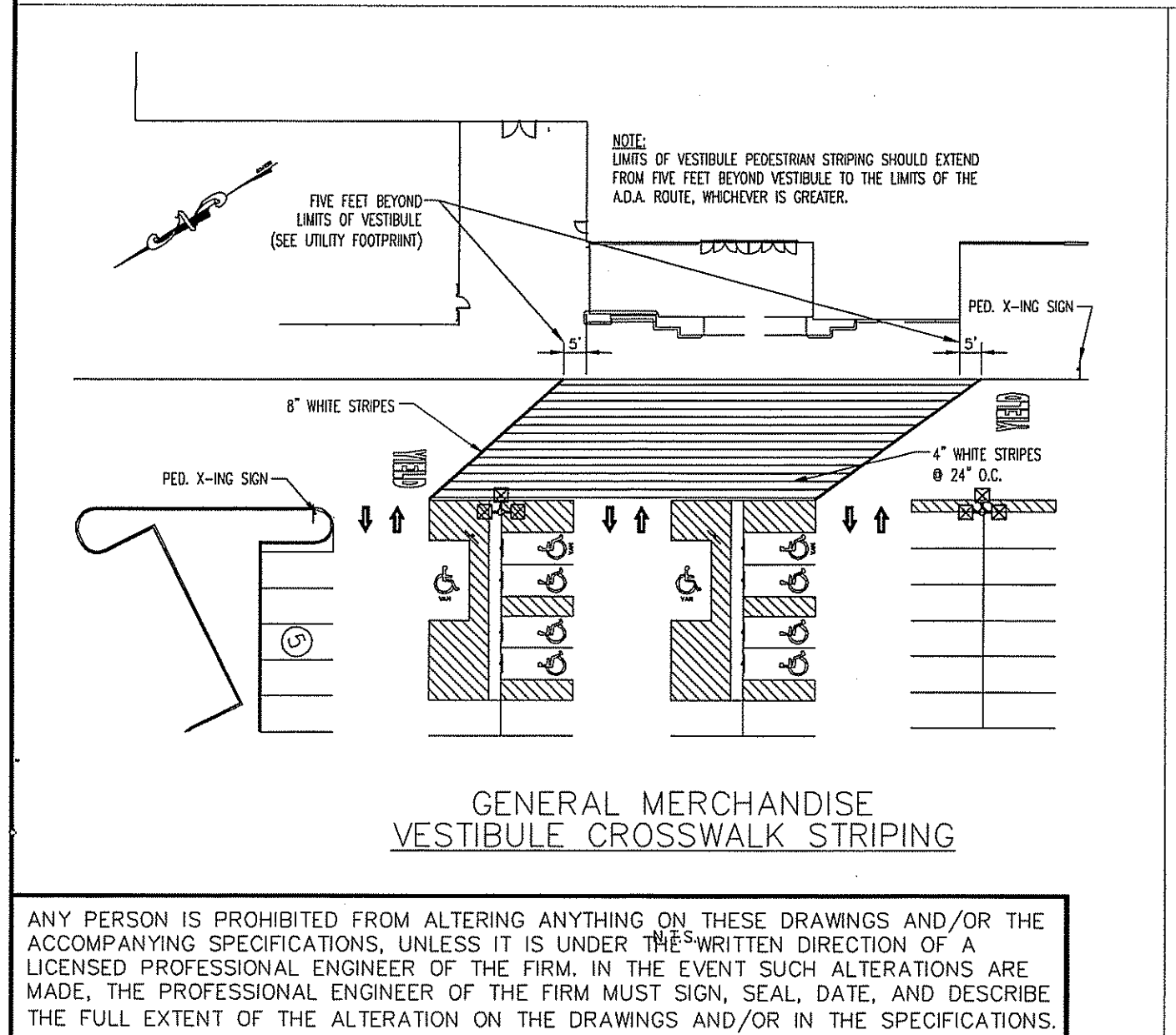
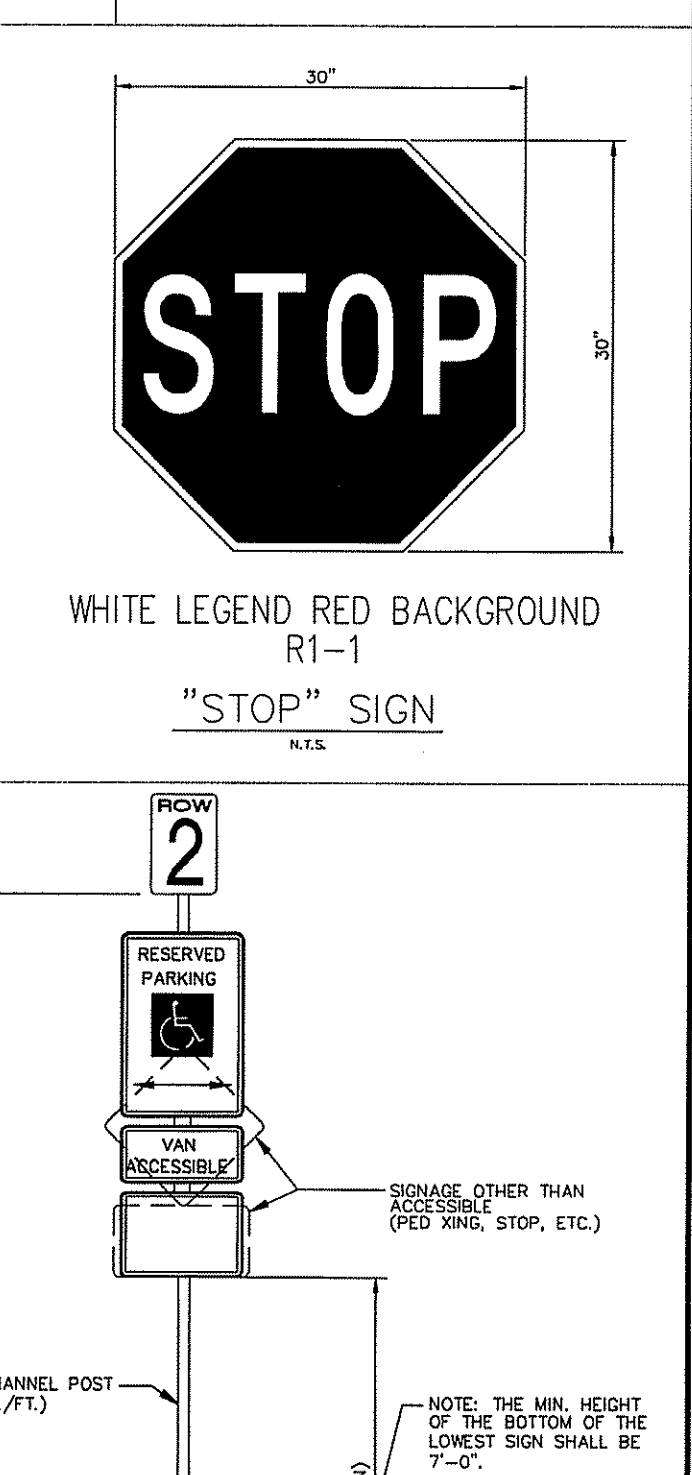
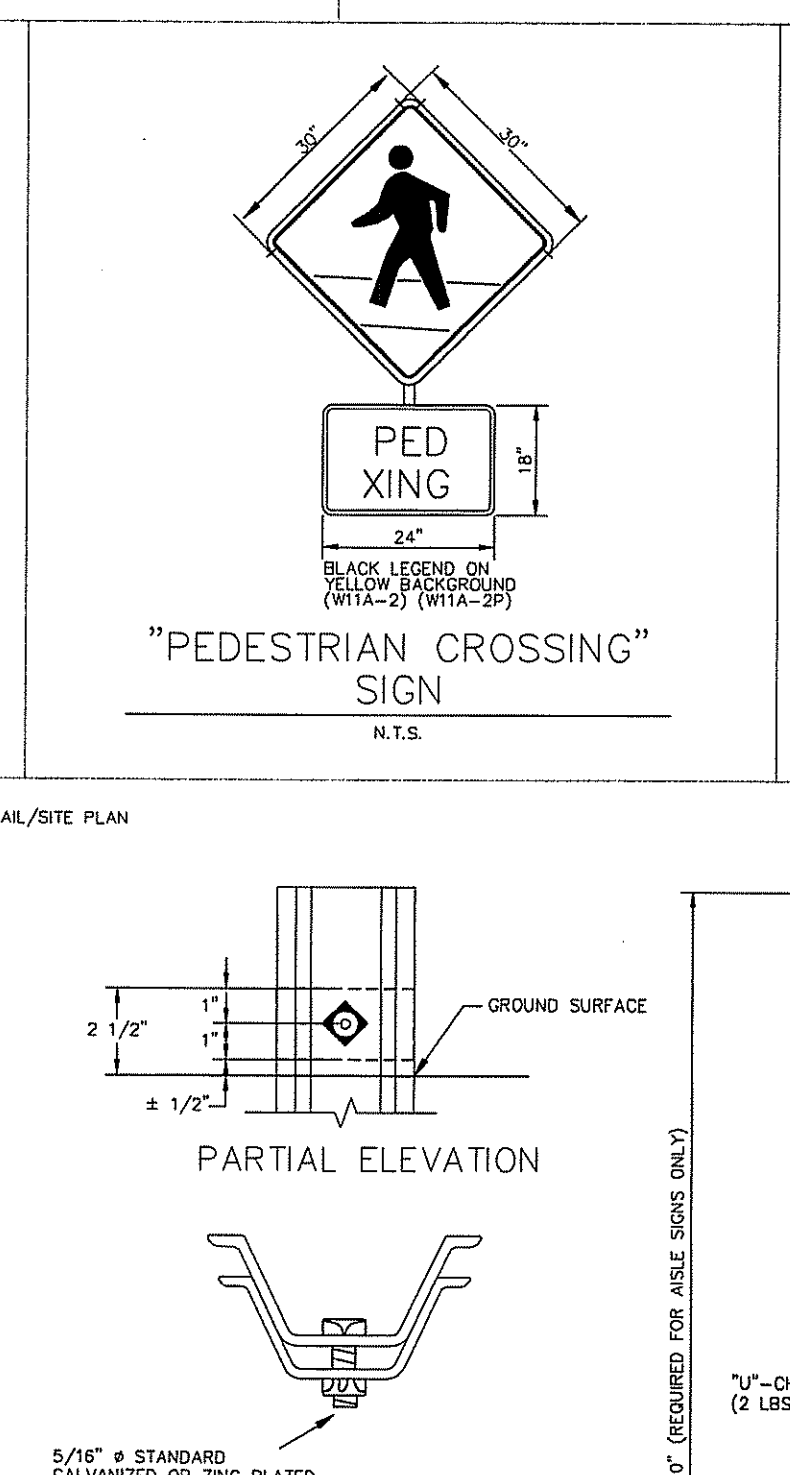
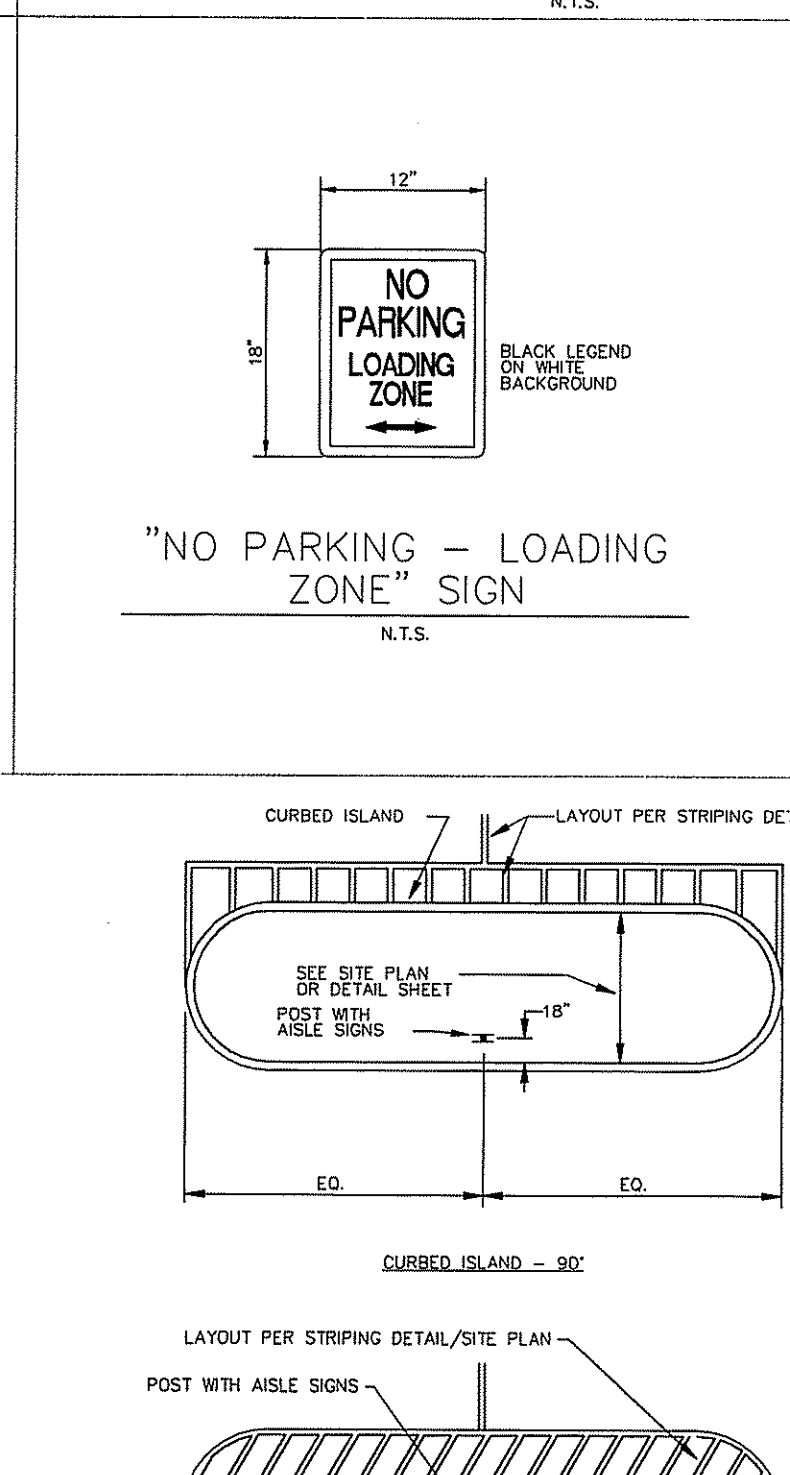
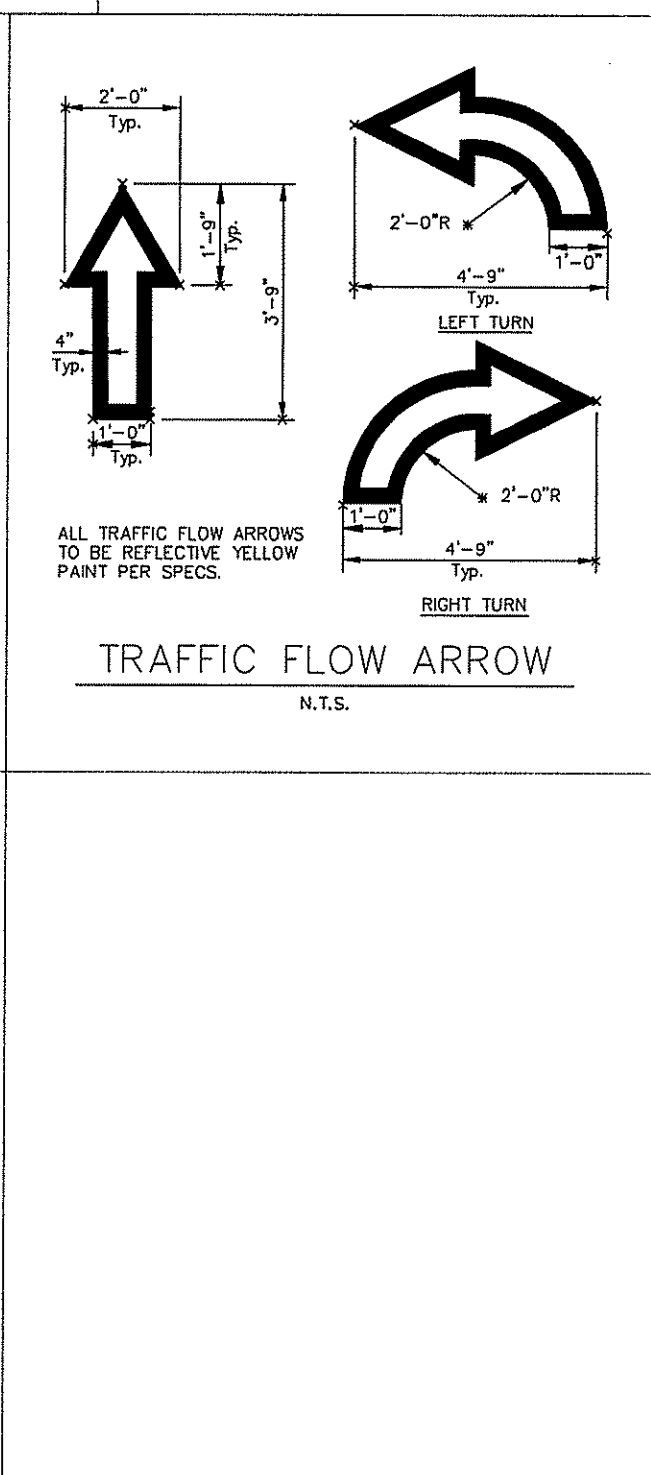
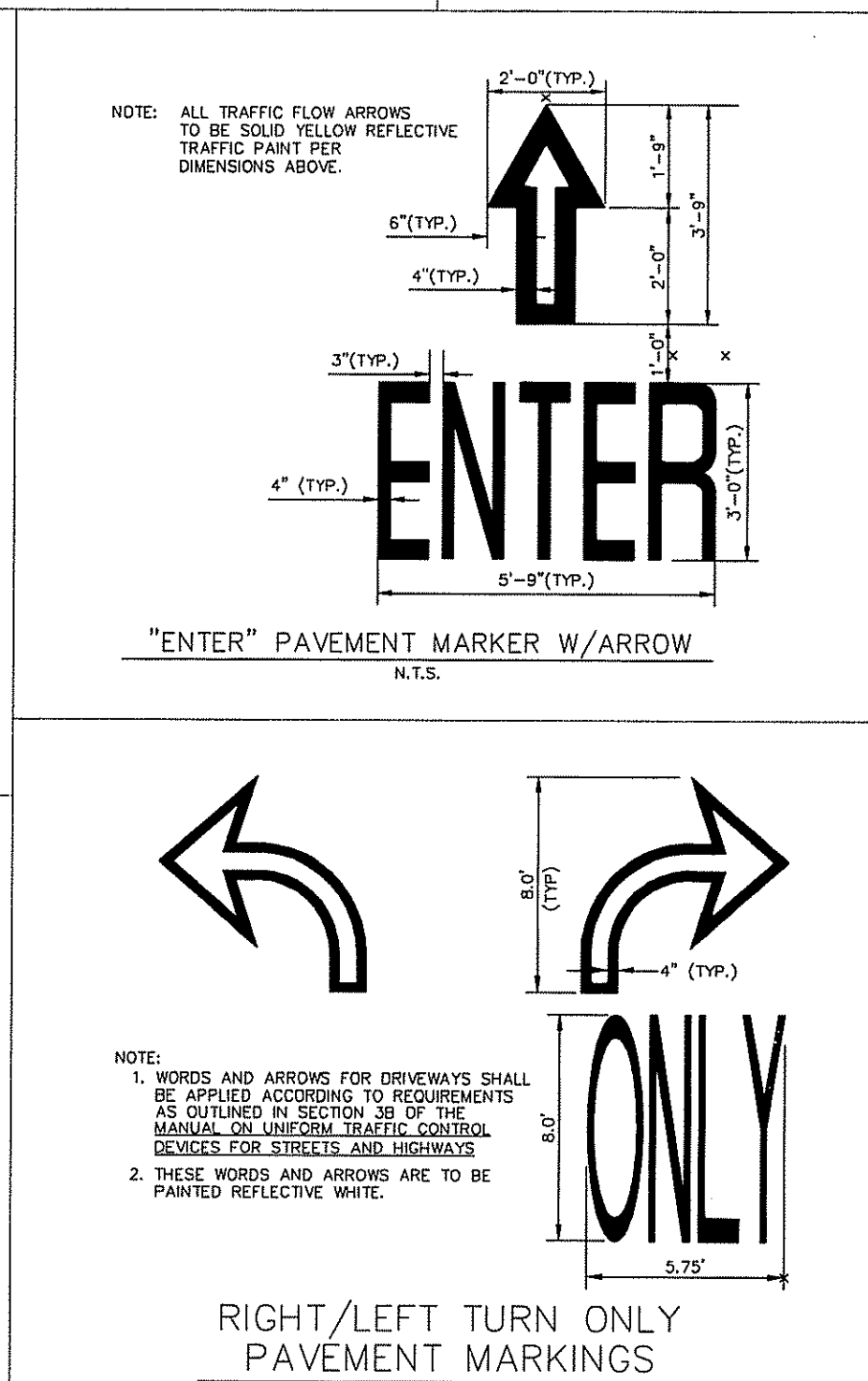
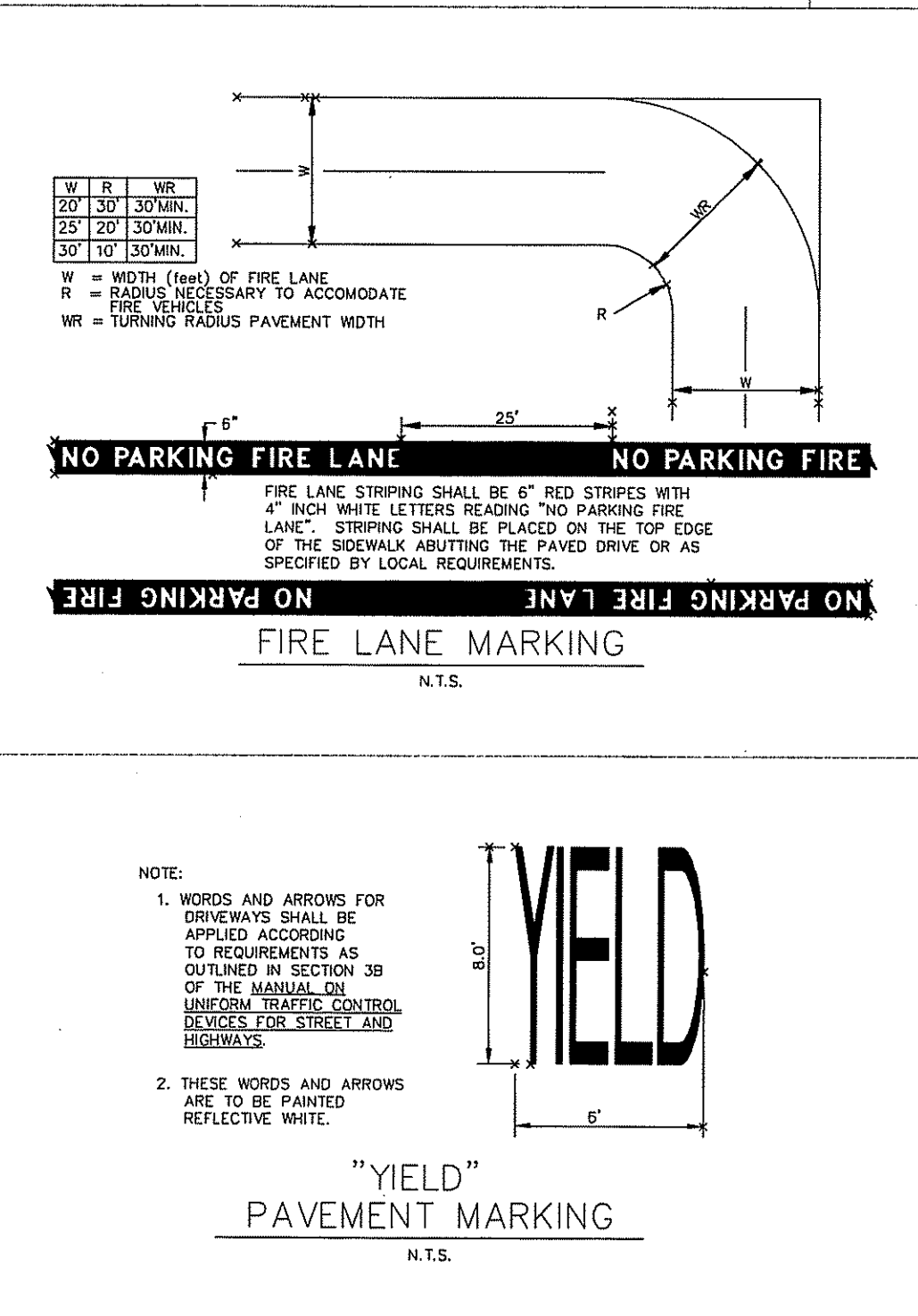
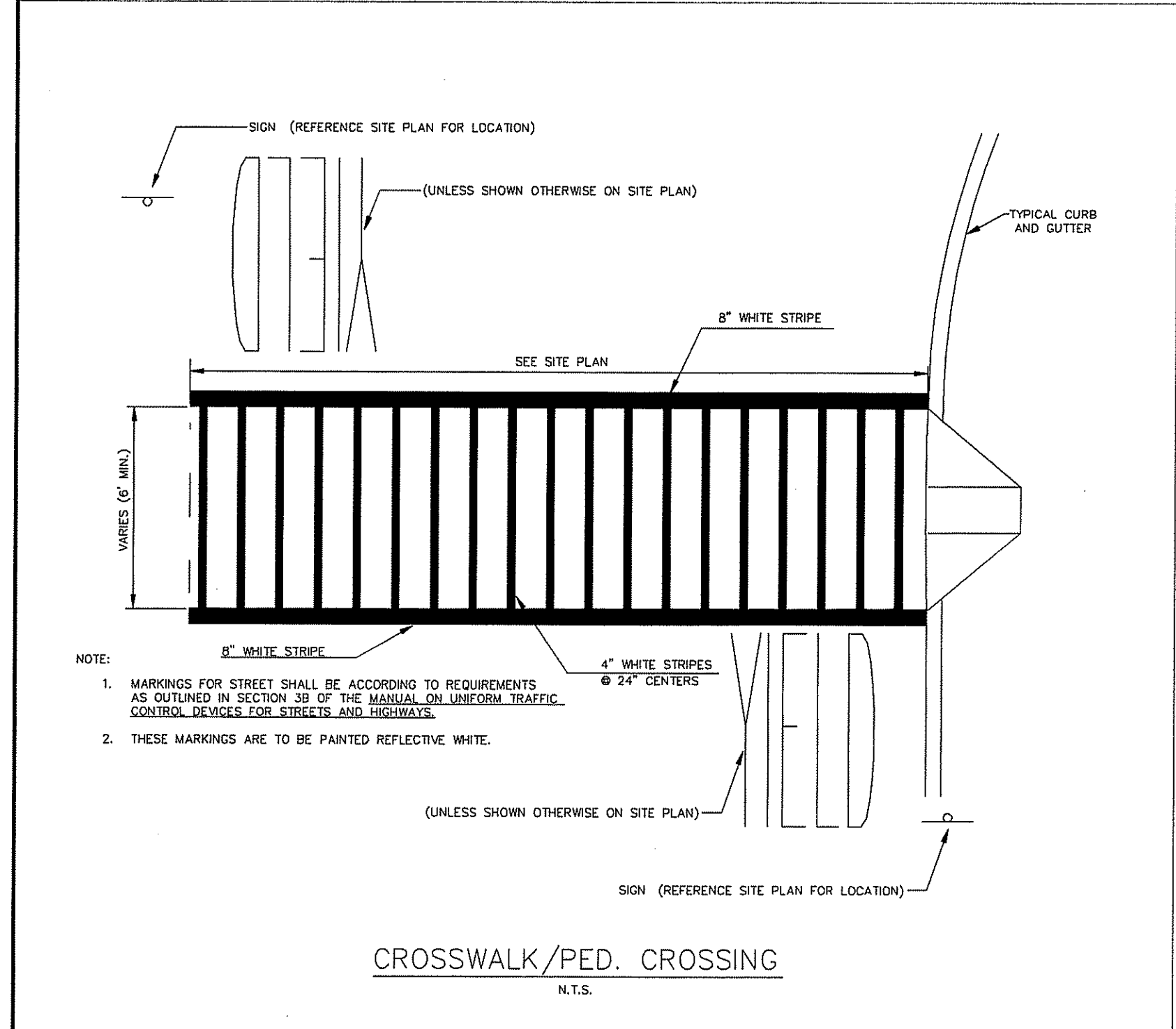
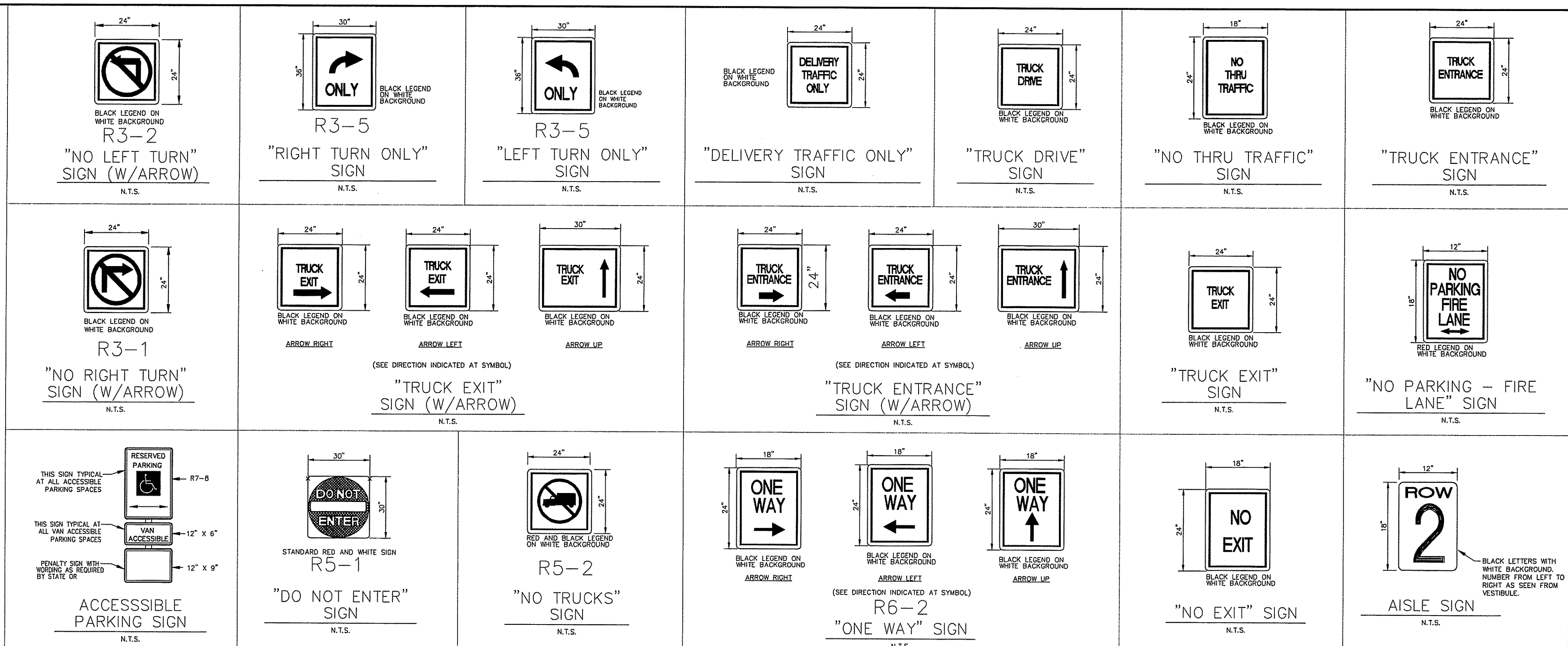
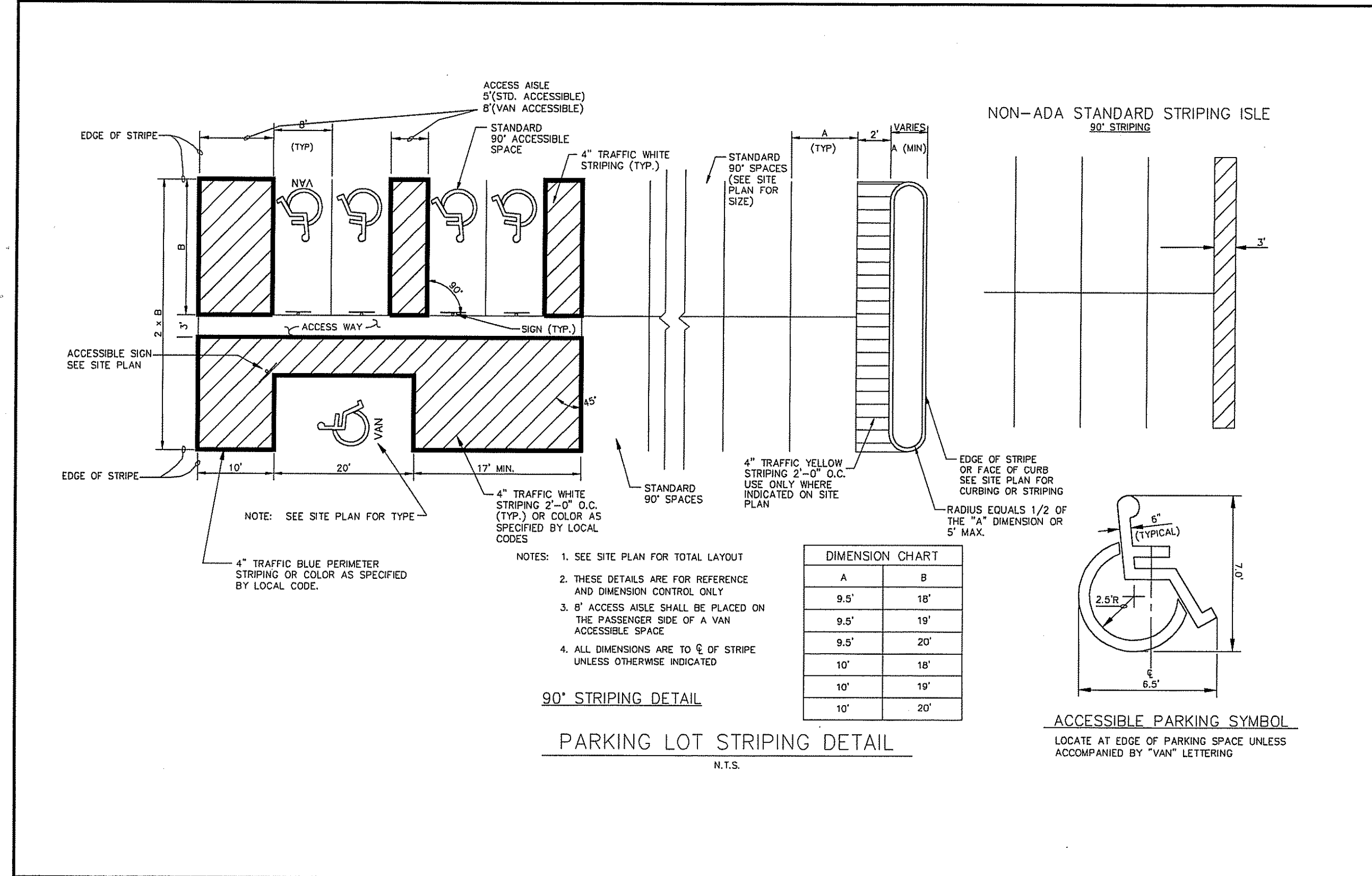


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OFFICE OF WATER RESOURCES
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DATED NOV 8 2007 FILE # 04-0573
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ISSUED FOR PERMIT ONLY

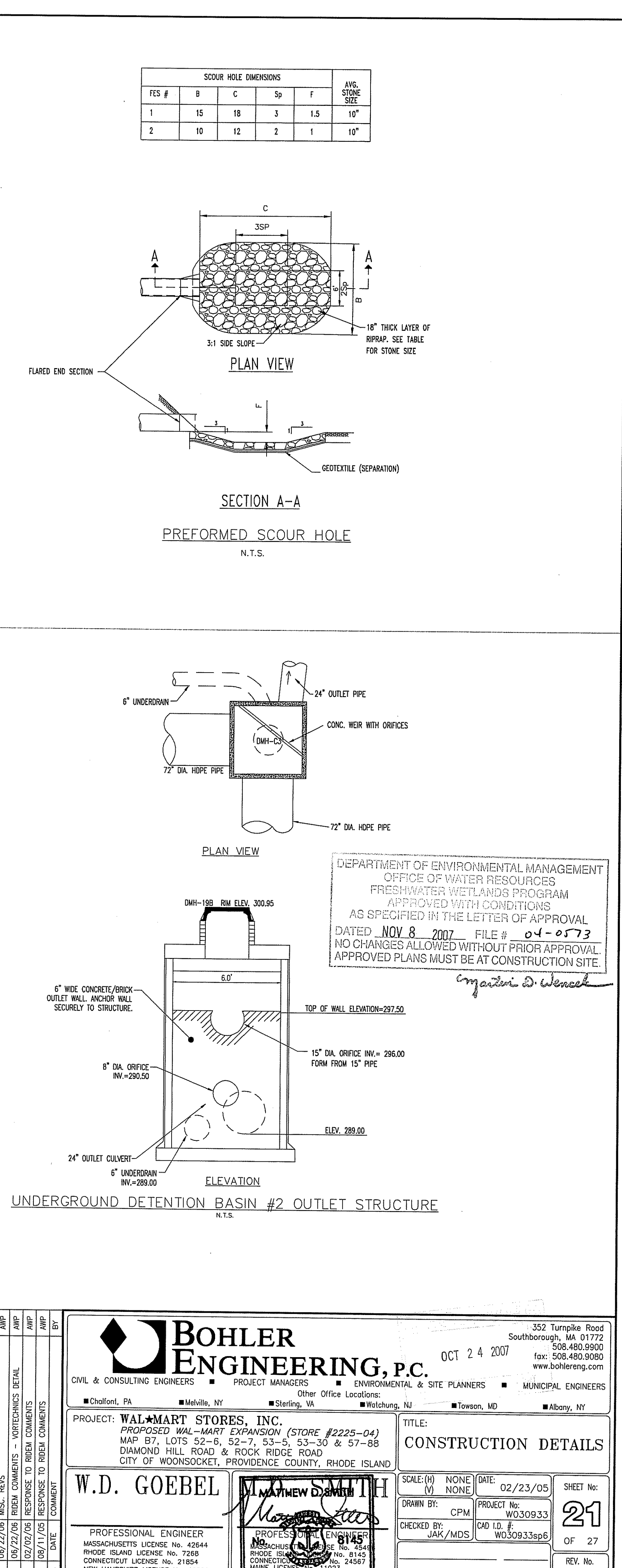
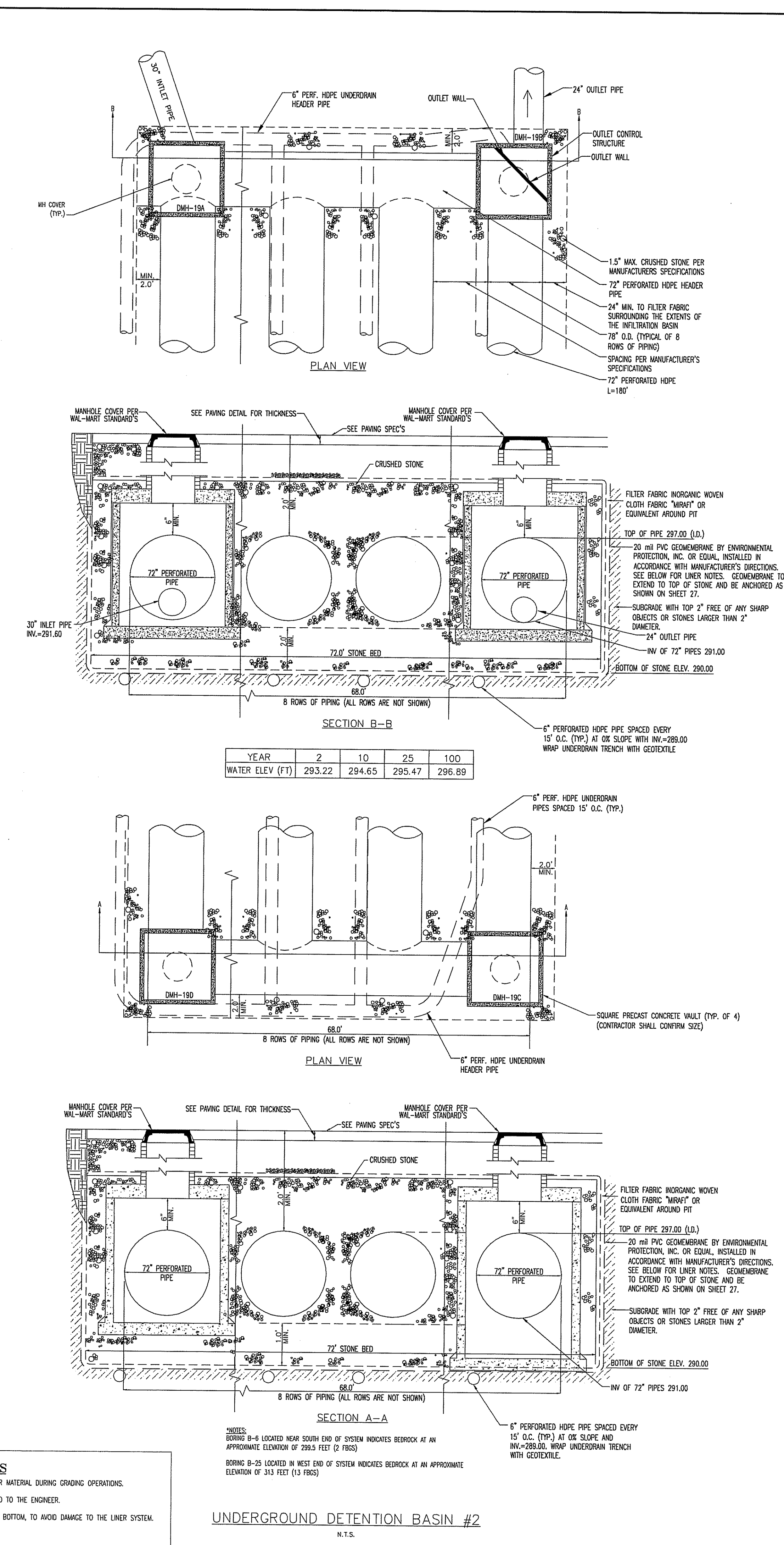
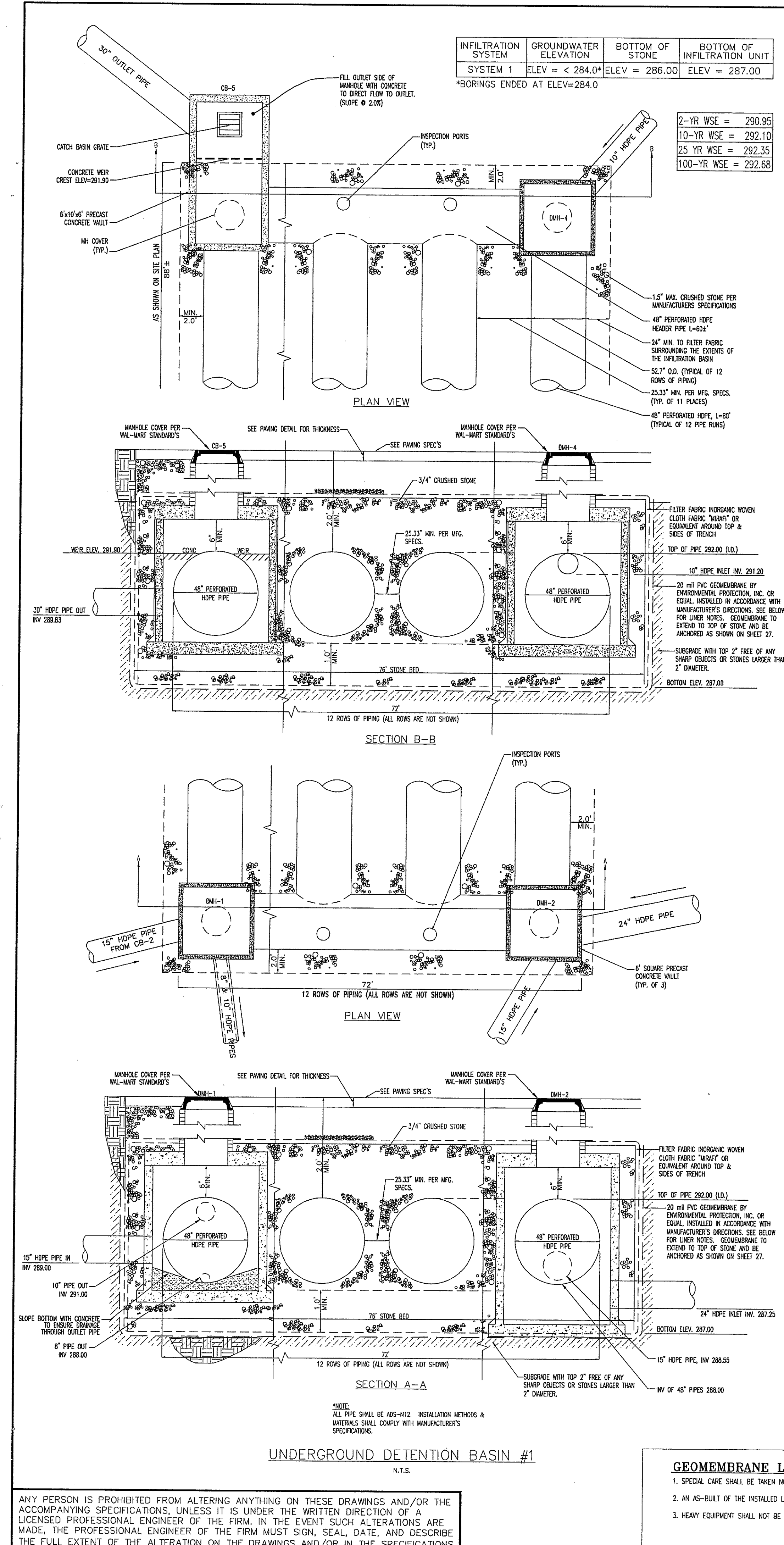


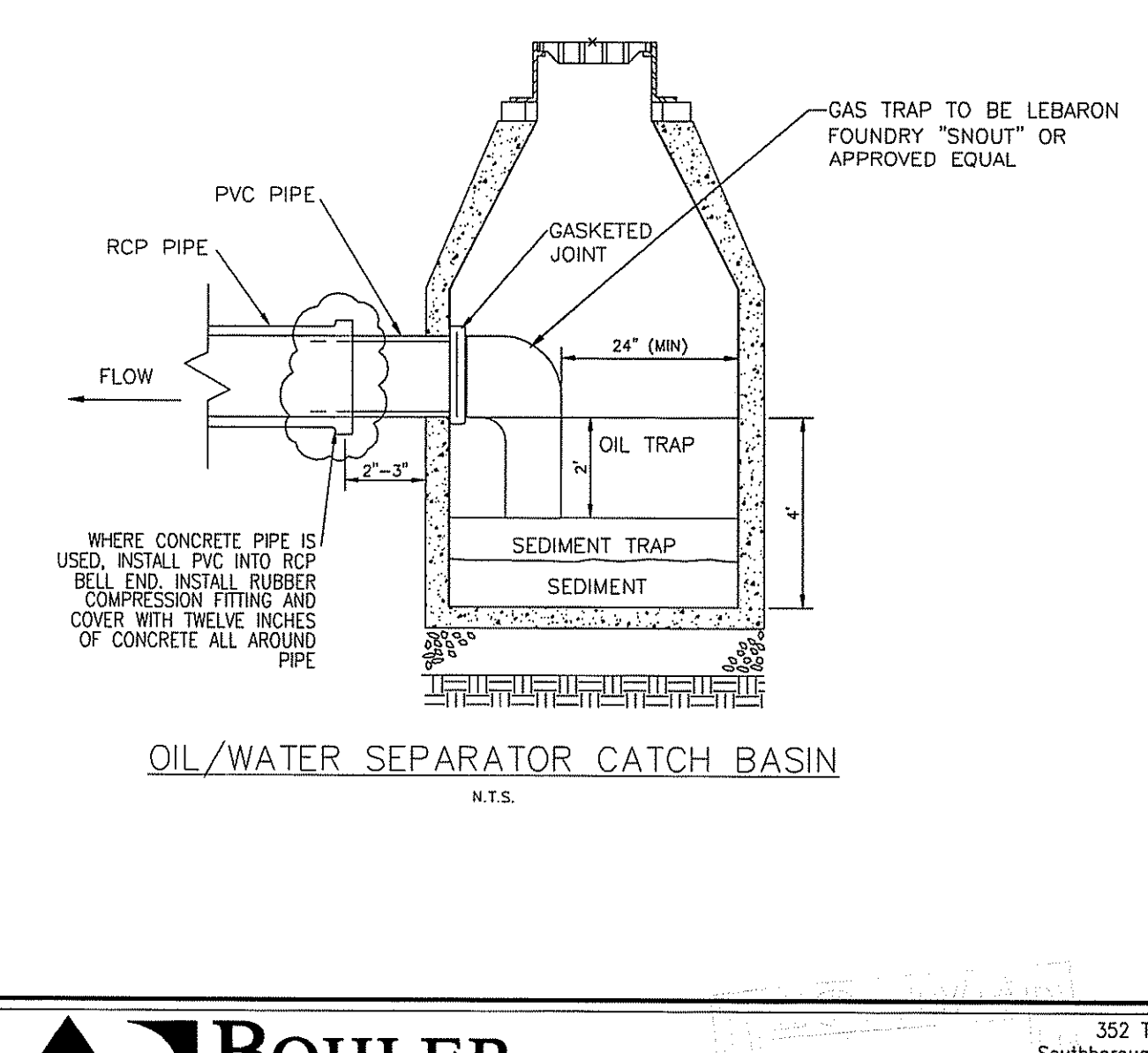
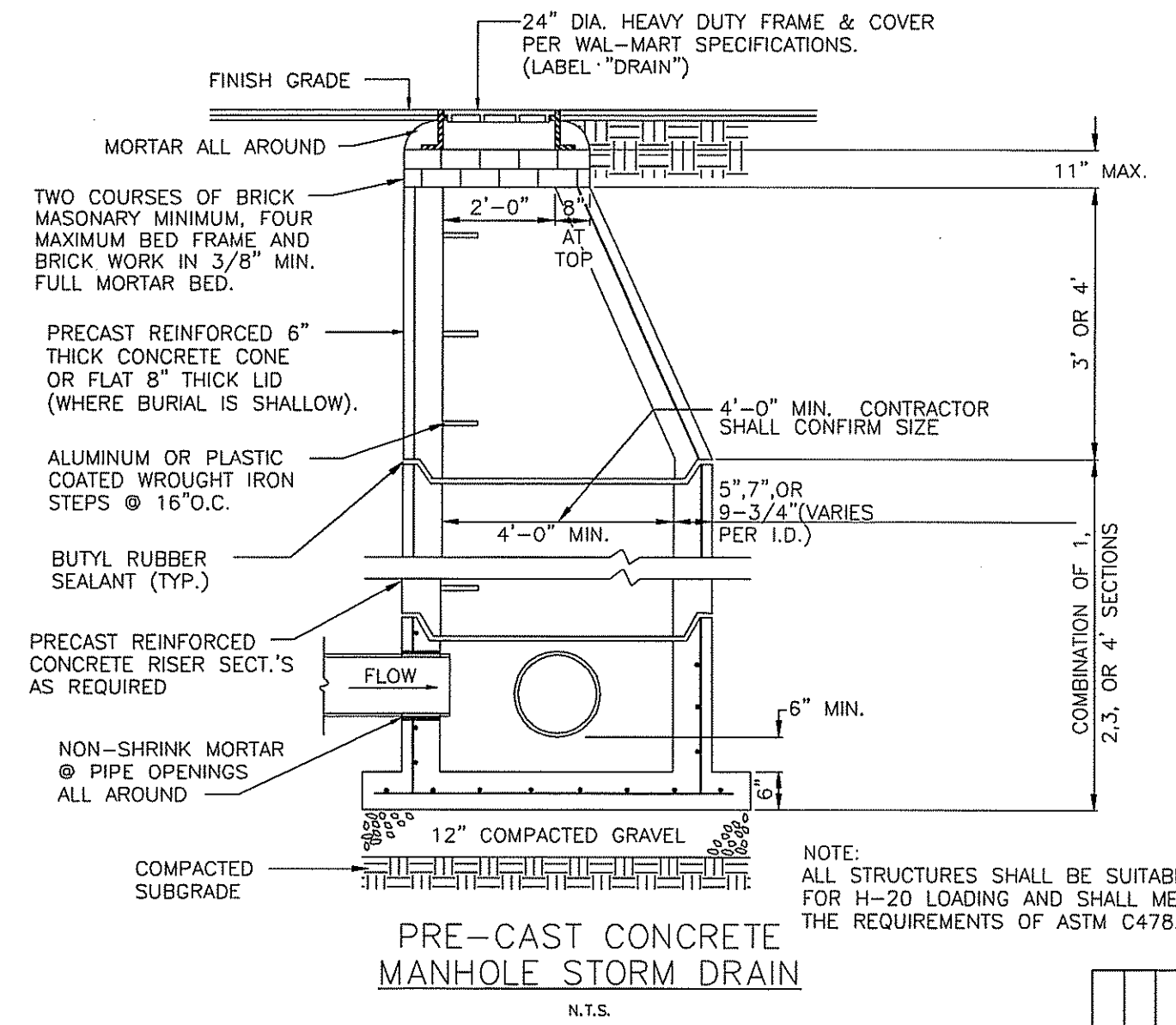
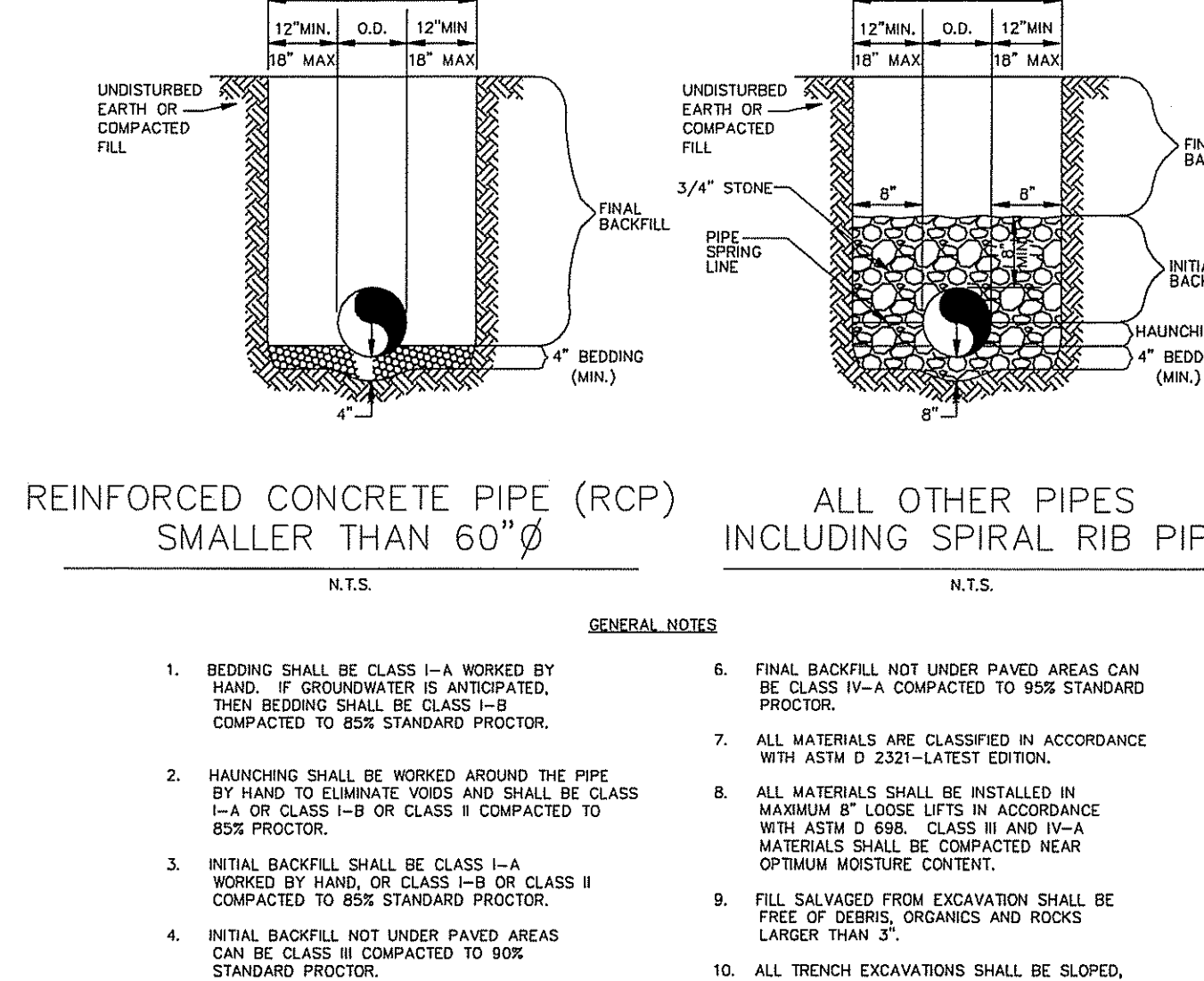
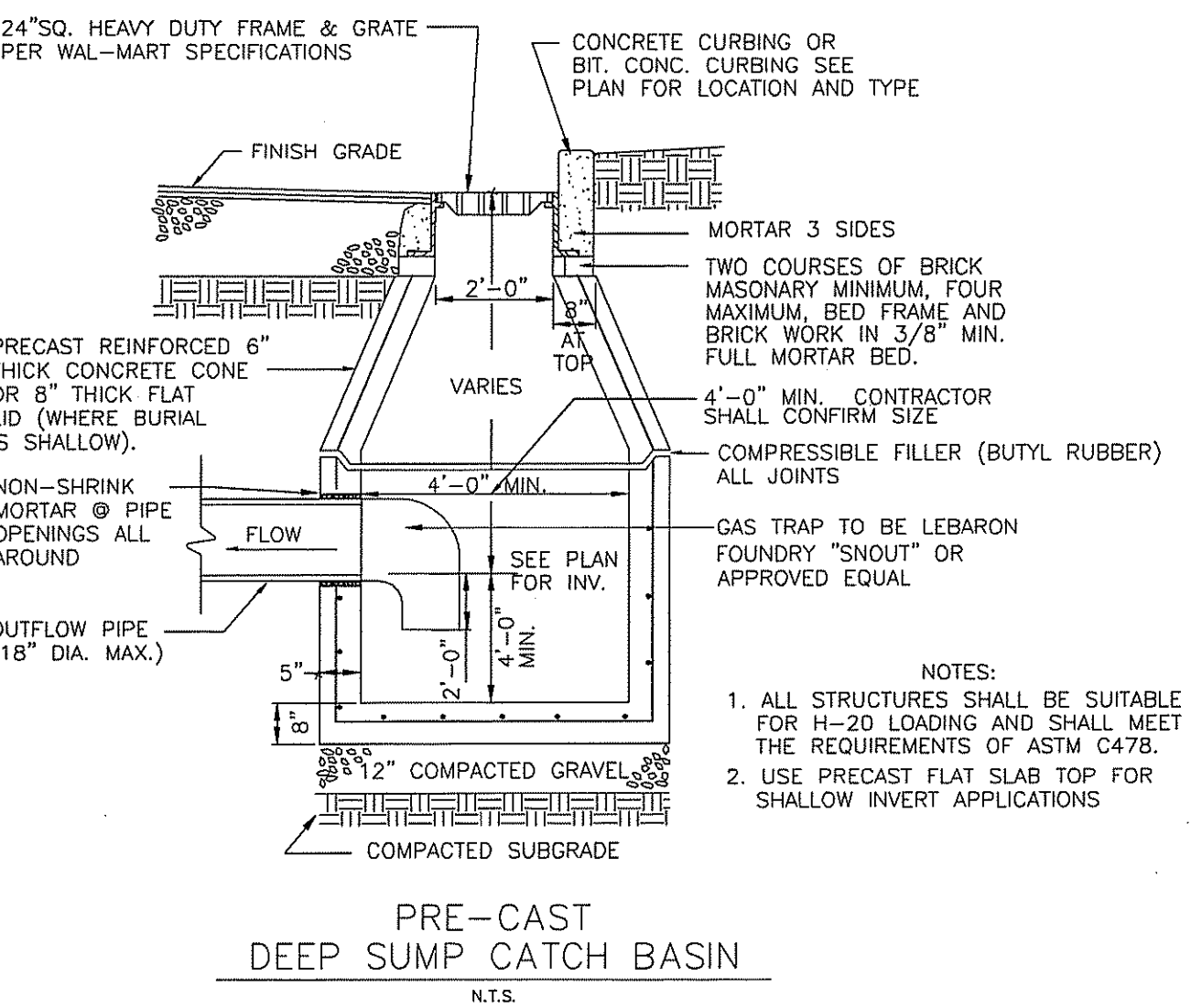
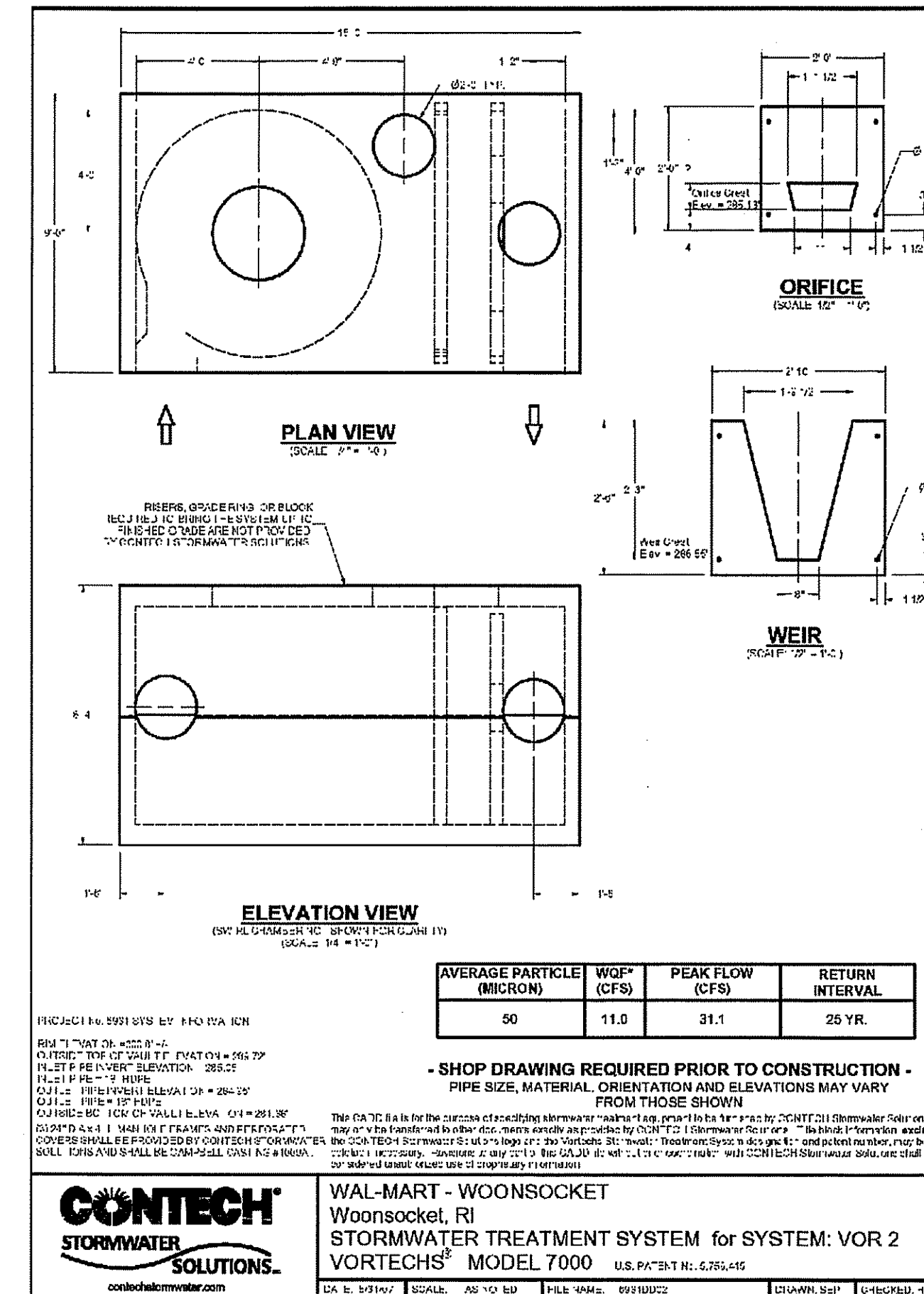
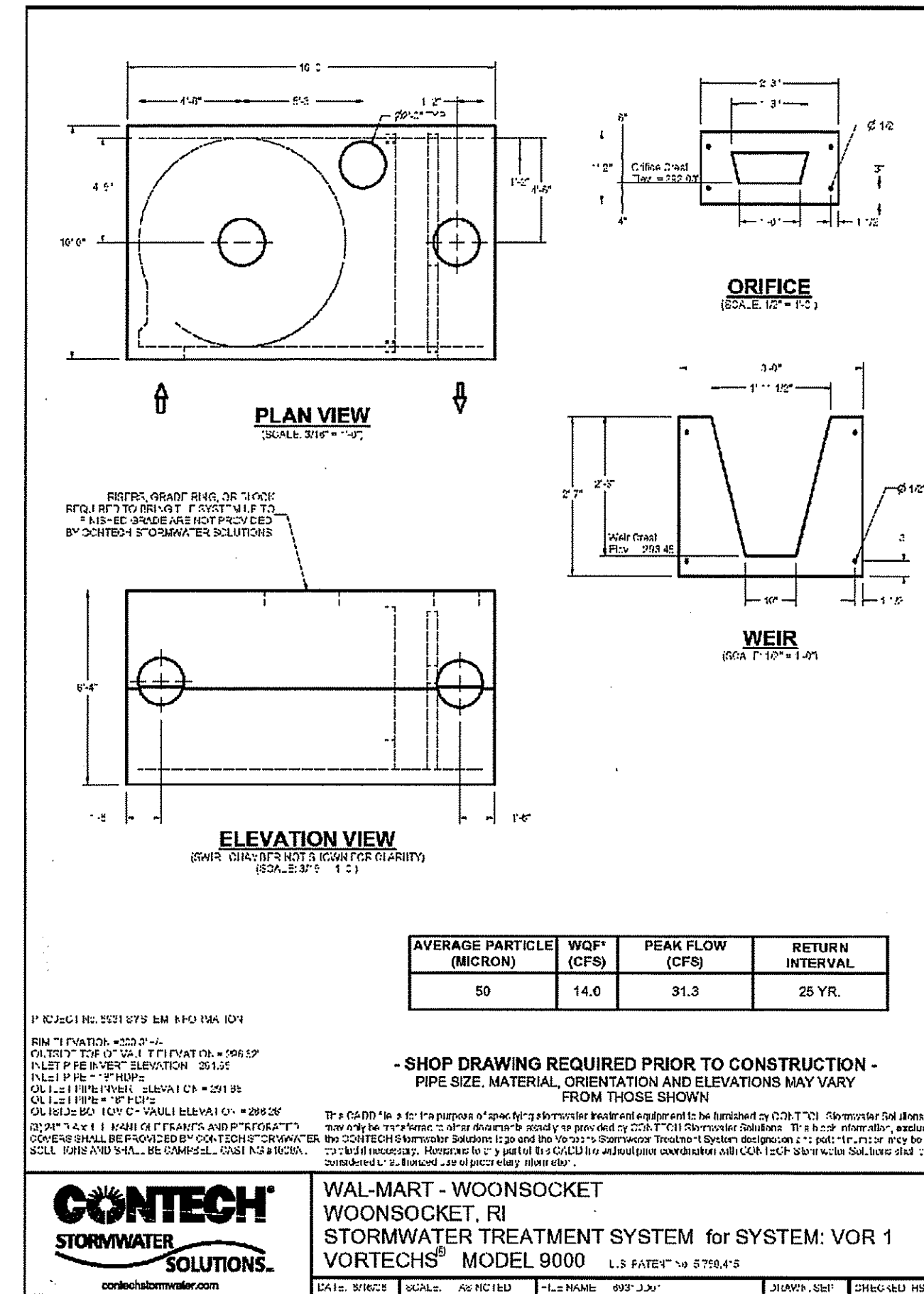
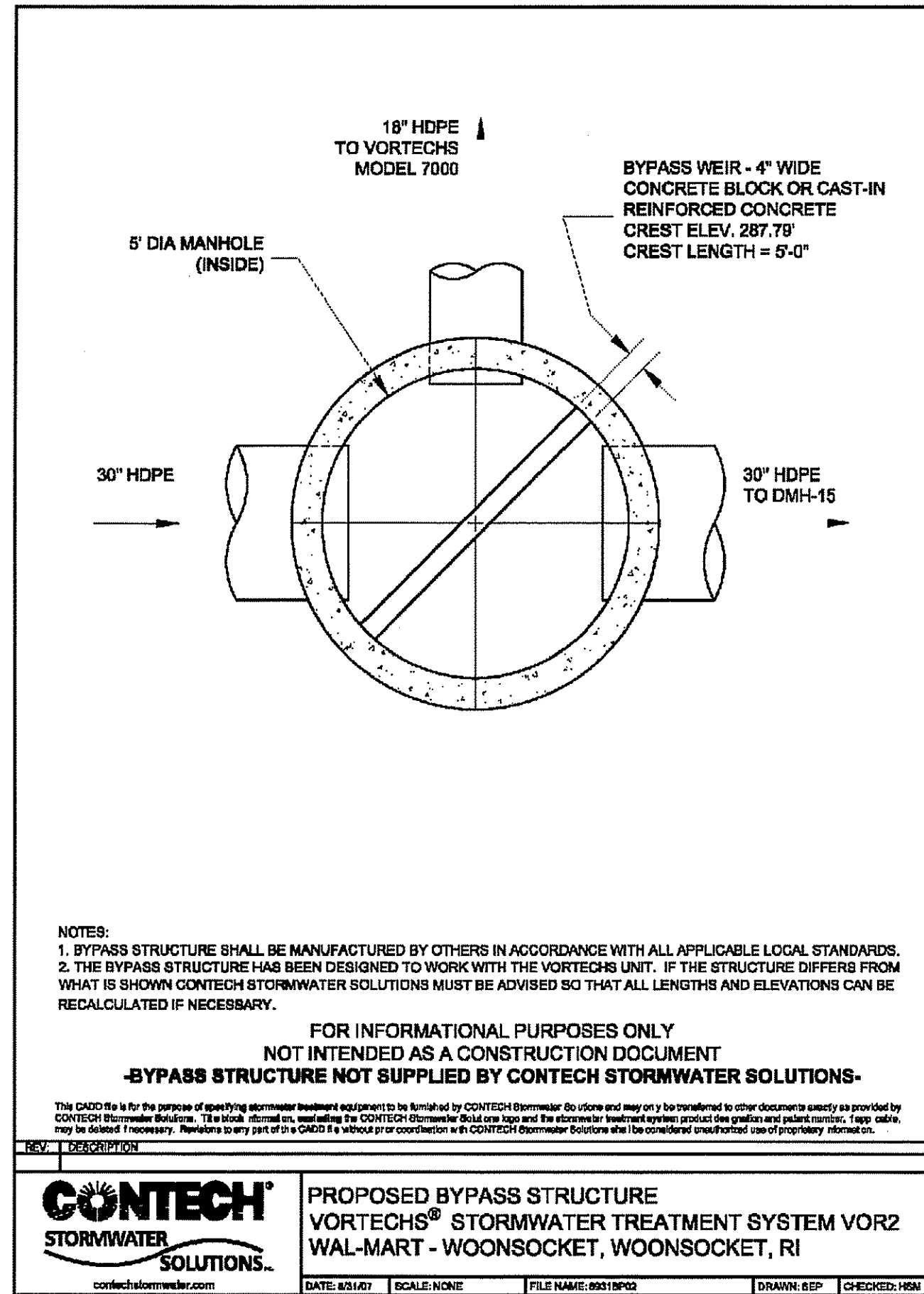
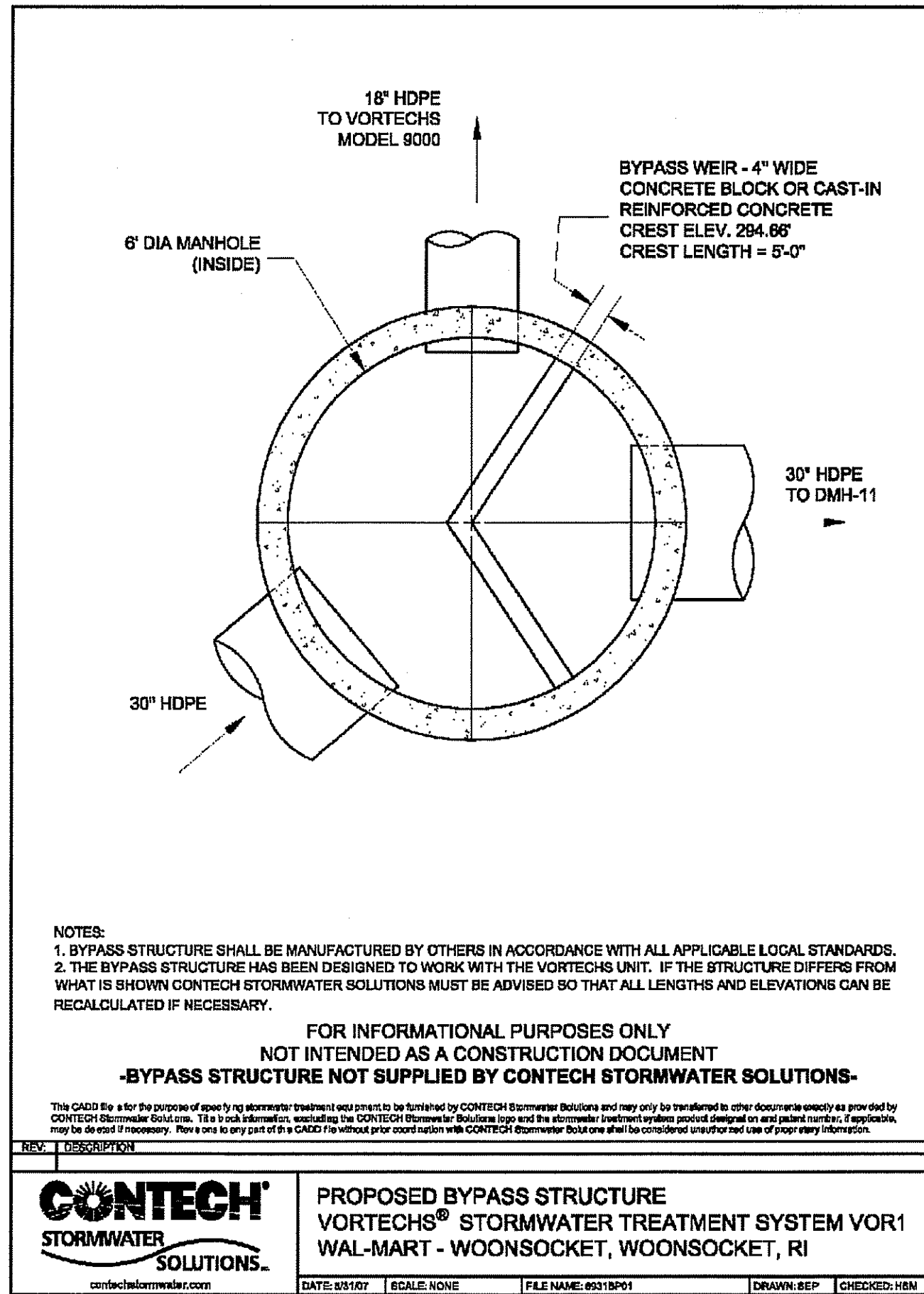
BOHLER ENGINEERING, P.C. CIVIL & CONSULTING ENGINEERS PROJECT MANAGERS ENVIRONMENTAL & SITE PLANNERS MUNICIPAL ENGINEERS Chalfont, PA Melville, NY Sterling, VA Watchung, NJ Towson, MD Albany, NY		352 Turnpike Road Southborough, MA 01772 508-480-9900 fax: 508-480-9080 www.bohlereng.com	
PROJECT: WAL-MART STORES, INC. PROPOSED WAL-MART EXPANSION (STORE #2225-04) MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88 DIAMOND HILL ROAD & ROCK RIDGE ROAD CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND		OCT 24 2007 TITLE: LIGHTING PLAN	
W.D. GOEBEL PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 42644 RHODE ISLAND LICENSE No. 7268 CONNECTICUT LICENSE No. 21854 NEW HAMPSHIRE LICENSE No. 10280 MAINE LICENSE No. 9490		M.D. SMITH PROFESSIONAL ENGINEER MASSACHUSETTS LICENSE No. 45496 RHODE ISLAND LICENSE No. 8145 CONNECTICUT LICENSE No. 24567 MAINE LICENSE No. 11023	
REV. DATE COMMENT		SCALE: (H) 1"=50' (V) NONE DATE: 02/23/05 SHEET No: 18 OF 27 REV. No: 6	



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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BOHLER ENGINEERING, P.C. CIVIL & CONSULTING ENGINEERS PROJECT MANAGERS ENVIRONMENTAL & SITE PLANNERS MUNICIPAL ENGINEERS Chalfont, PA Marlboro, NJ Sterling, VA Other Office Locations: Towson, MD Albany, NY		352 Turnpike Road Southborough, MA 01772 508.480.9900 fax: 508.480.9080 www.bohlereng.com
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352 Turnpike Road
 Southborough, MA 01772
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 MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
 DIAMOND HILL ROAD & ROCK RIDGE ROAD
 CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

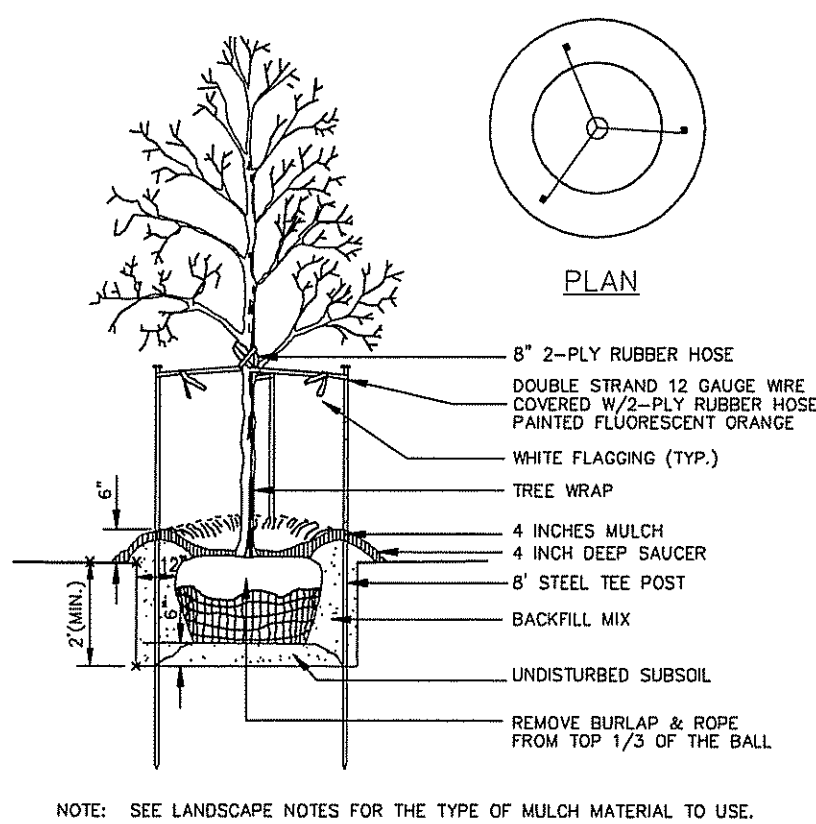
TITLE: CONSTRUCTION DETAILS

SCALE: (H) NONE DATE: 02/23/05 SHEET No: 22
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 PROFESSIONAL ENGINEER: W.D. GOEBEL
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 CONNECTICUT LICENSE No. 21854
 NEW HAMPSHIRE LICENSE No. 10280
 MAINE LICENSE No. 9490

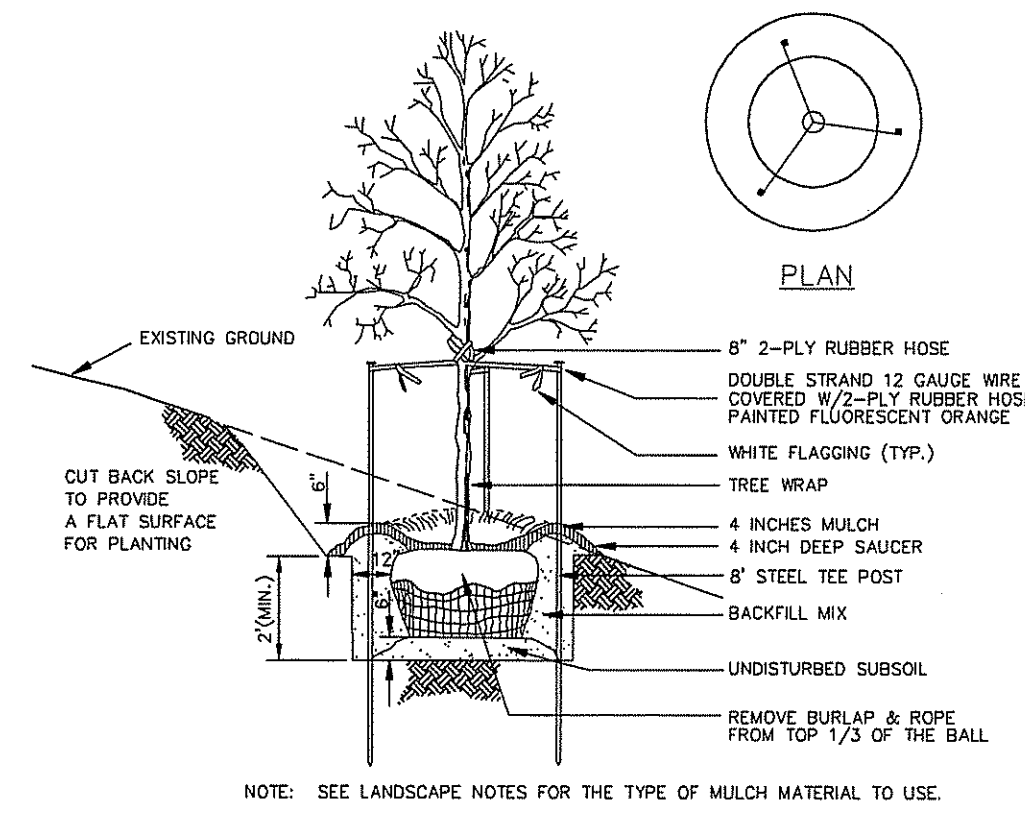
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 10229 CIVIL

CONSTRUCTION CHECK DATE

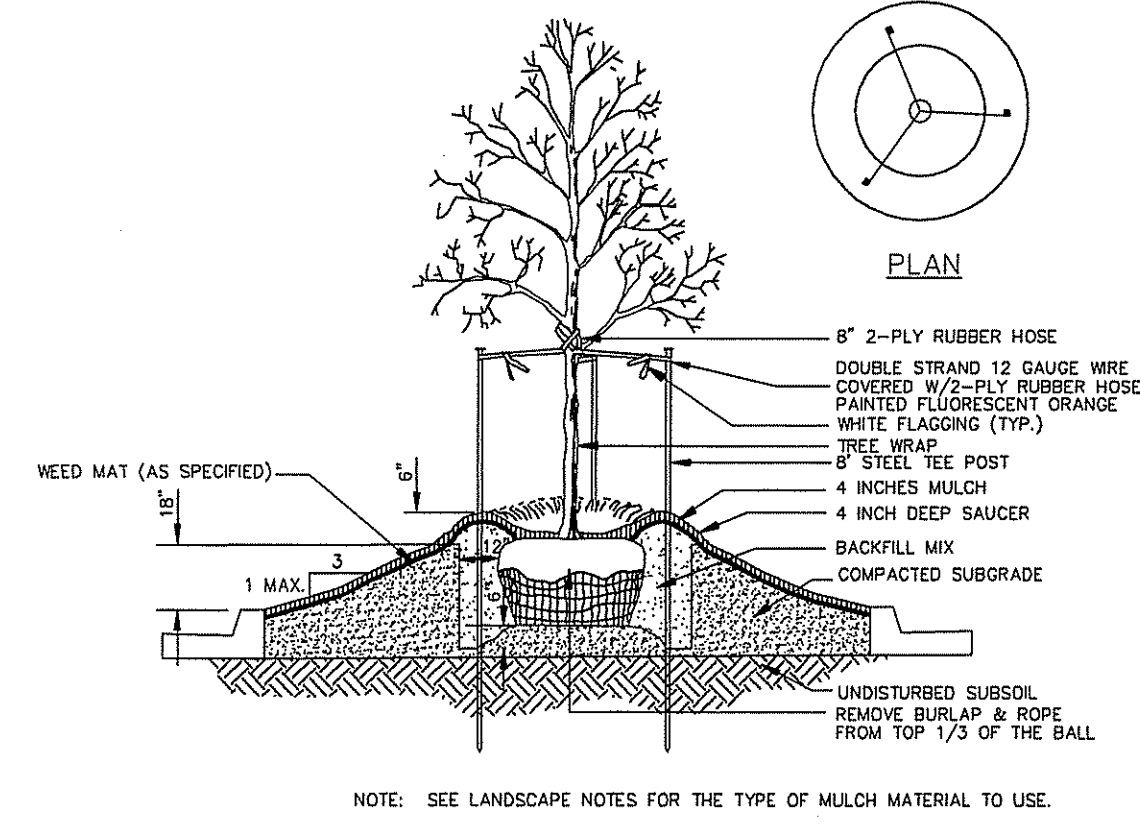
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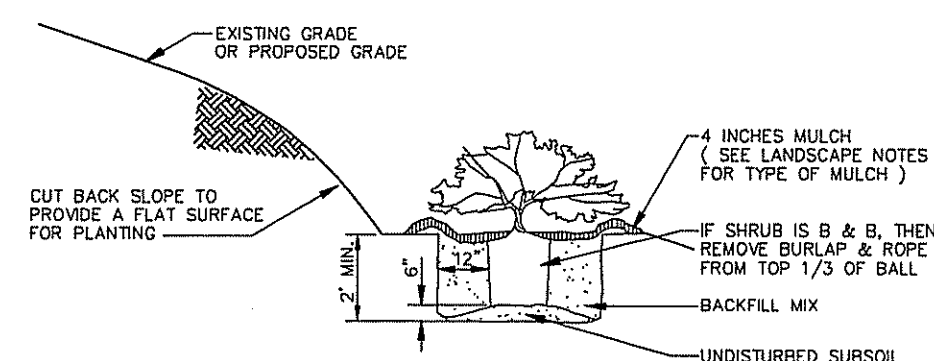
TREE PLANTING
N.T.S.



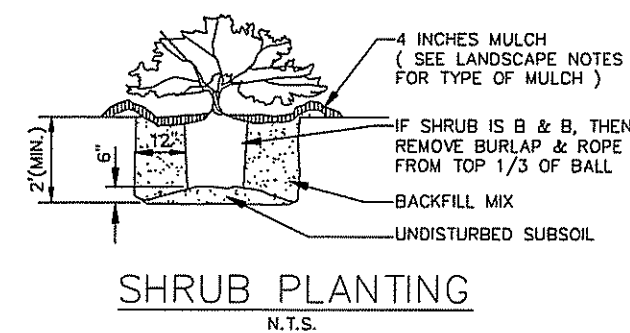
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N.T.S.



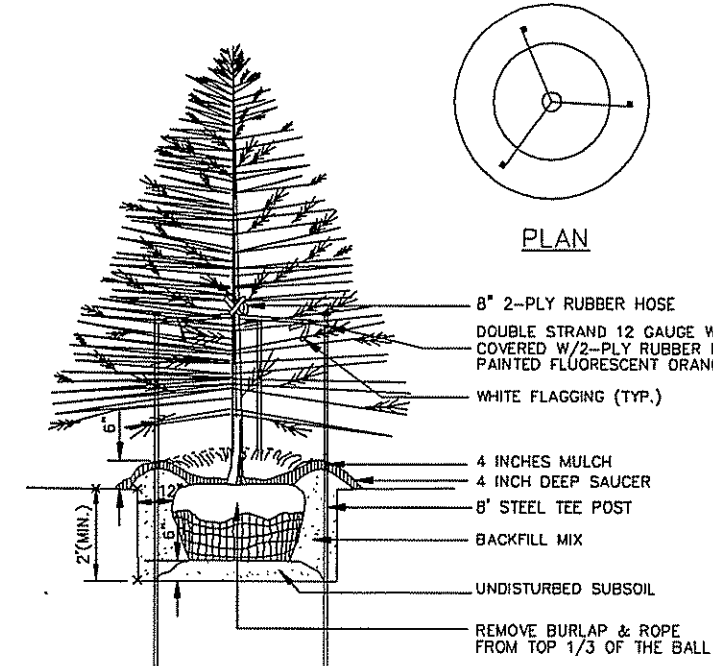
LANDSCAPE BERM
N.T.S.



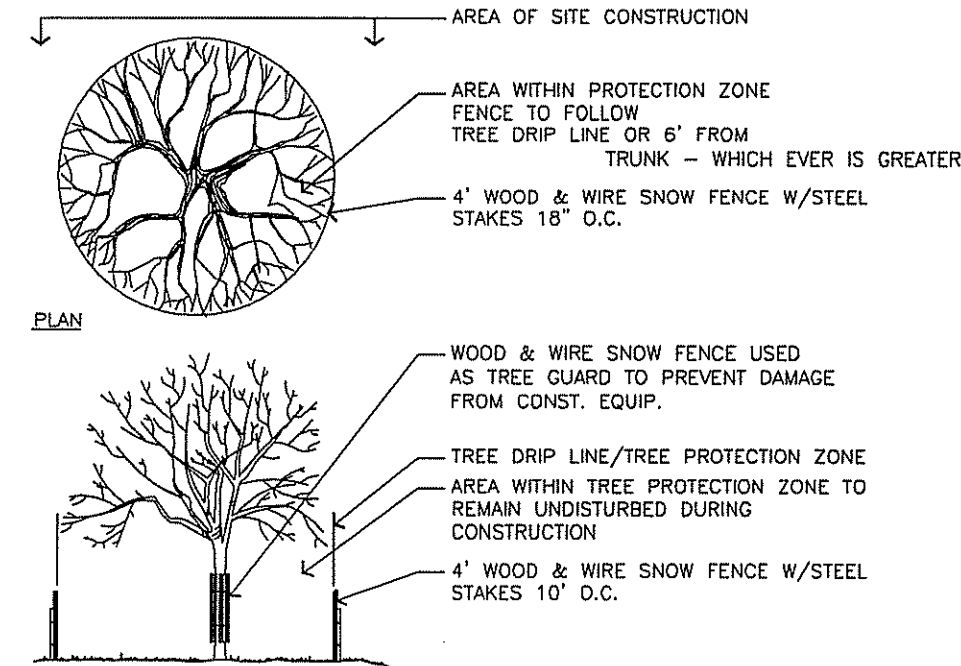
SHRUB PLANTING ON SLOPE
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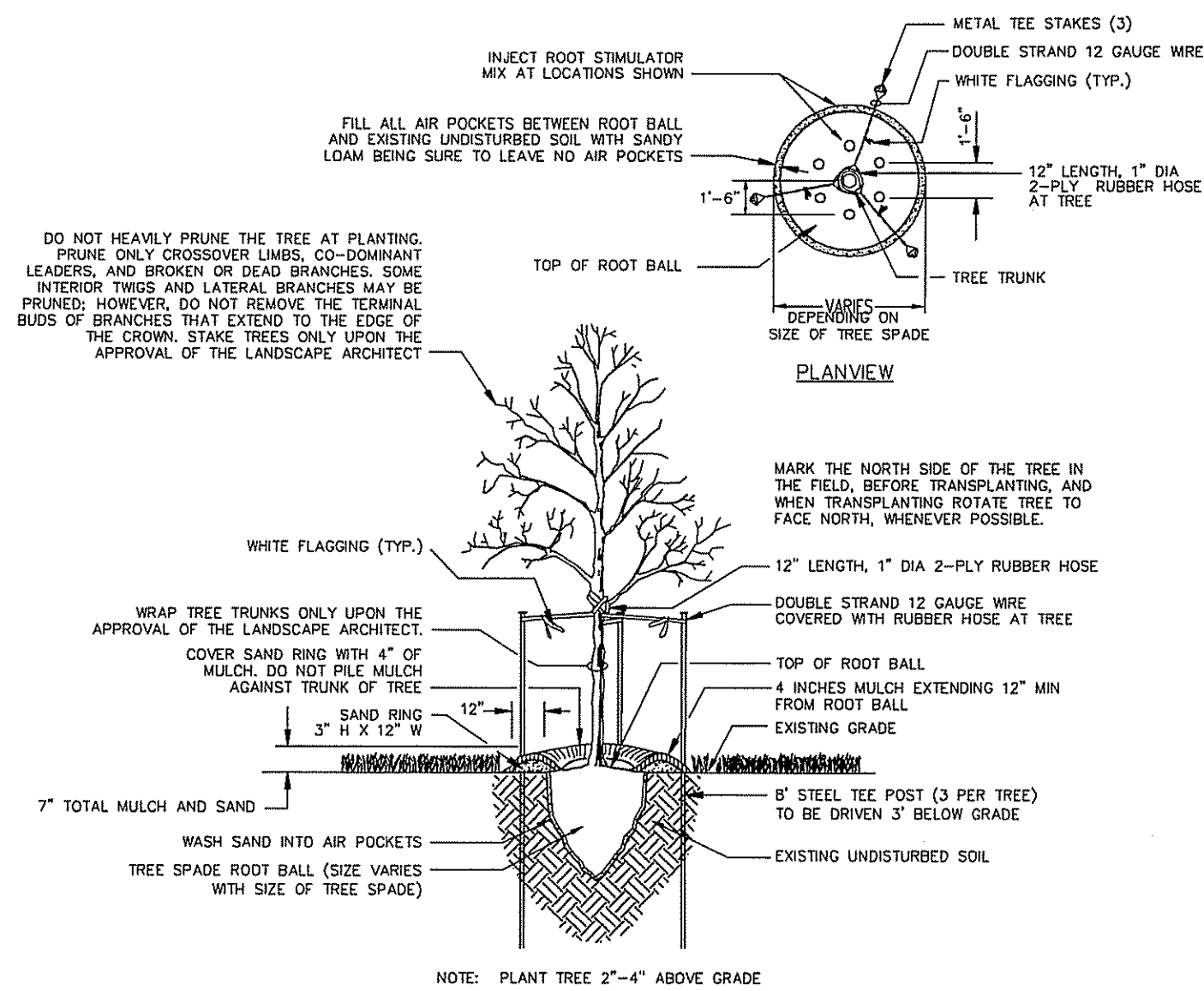
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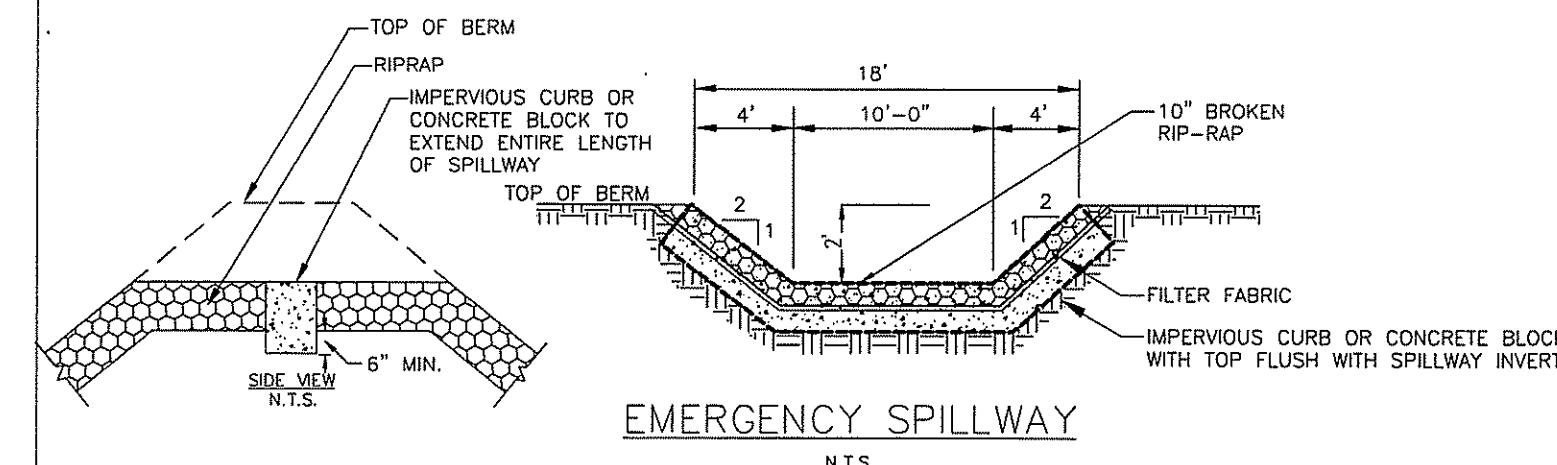
EVERGREEN TREE PLANTING
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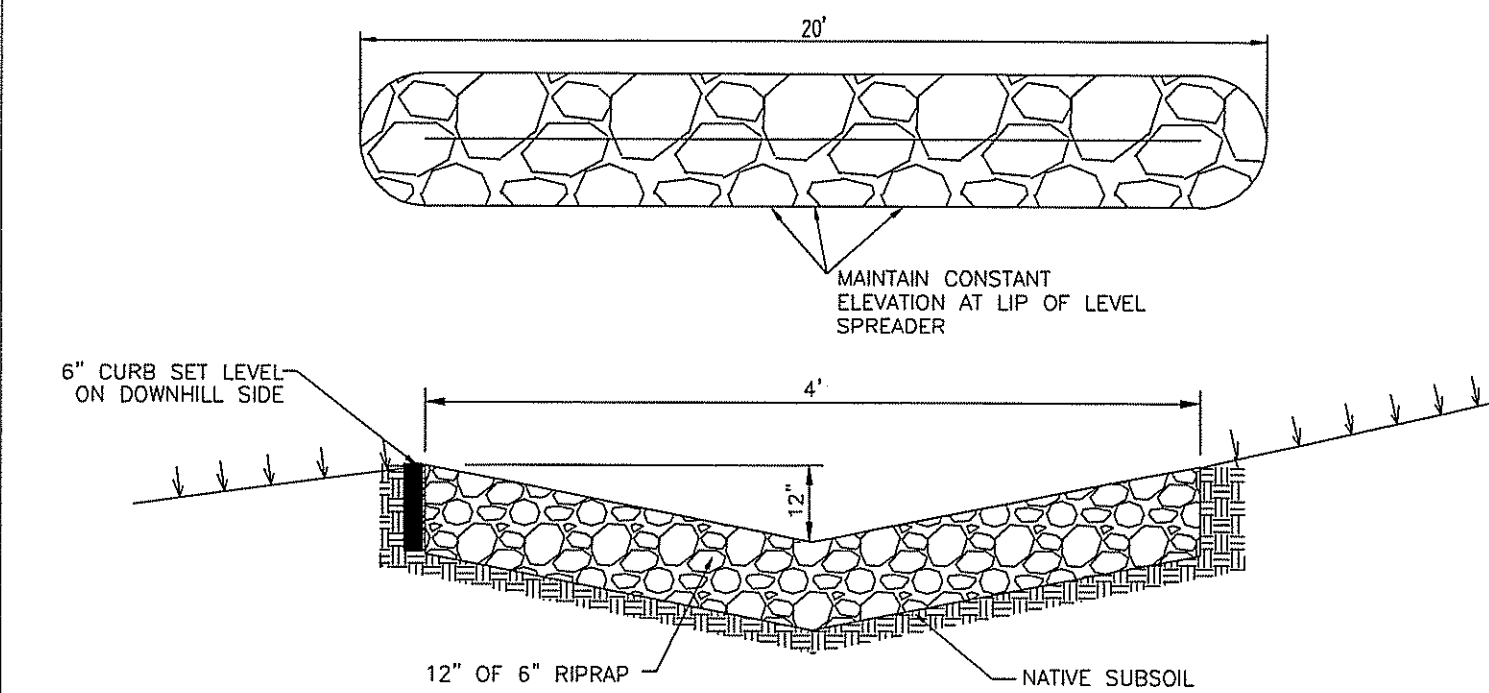
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N.T.S.



MACHINE DUG TREE PLANTING
N.T.S.

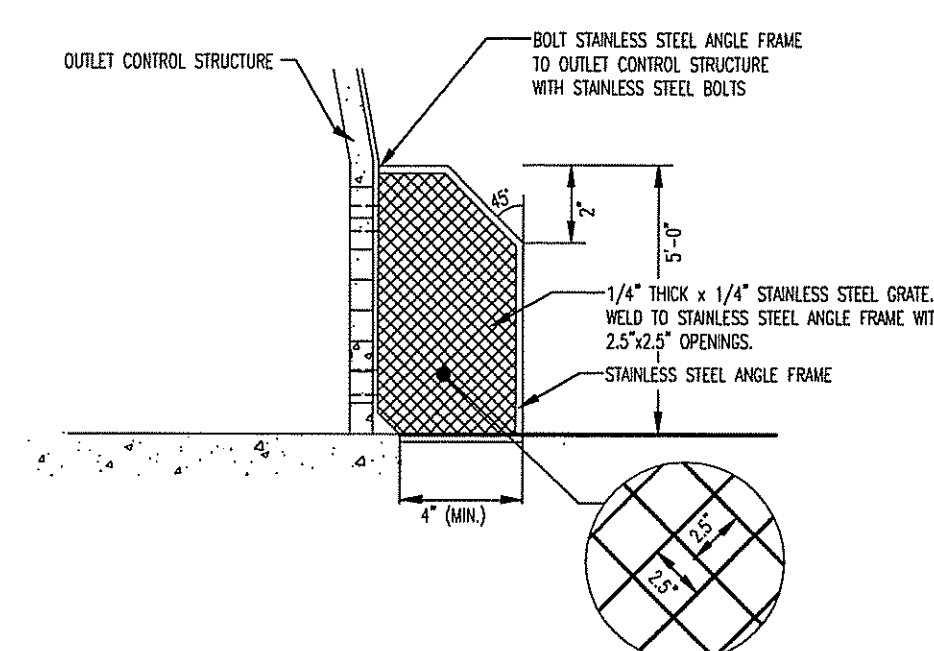


EMERGENCY SPILLWAY
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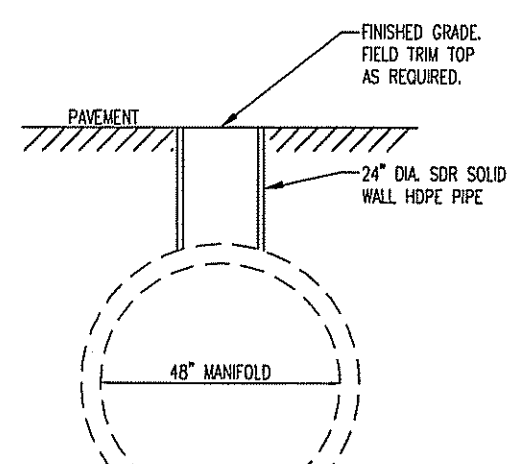


LEVEL SPREADER
N.T.S.

STORM	TOTAL FLOW RATE	DISSIPATED FLOW RATE
2 YR STORM	2.84 CFS	0.14 CFS/LF
10 YR STORM	5.35 CFS	0.27 CFS/LF
25 YR STORM	6.59 CFS	0.33 CFS/LF
100 YR STORM	16.20 CFS	0.81 CFS/LF



TRASH RACK DETAIL
N.T.S.



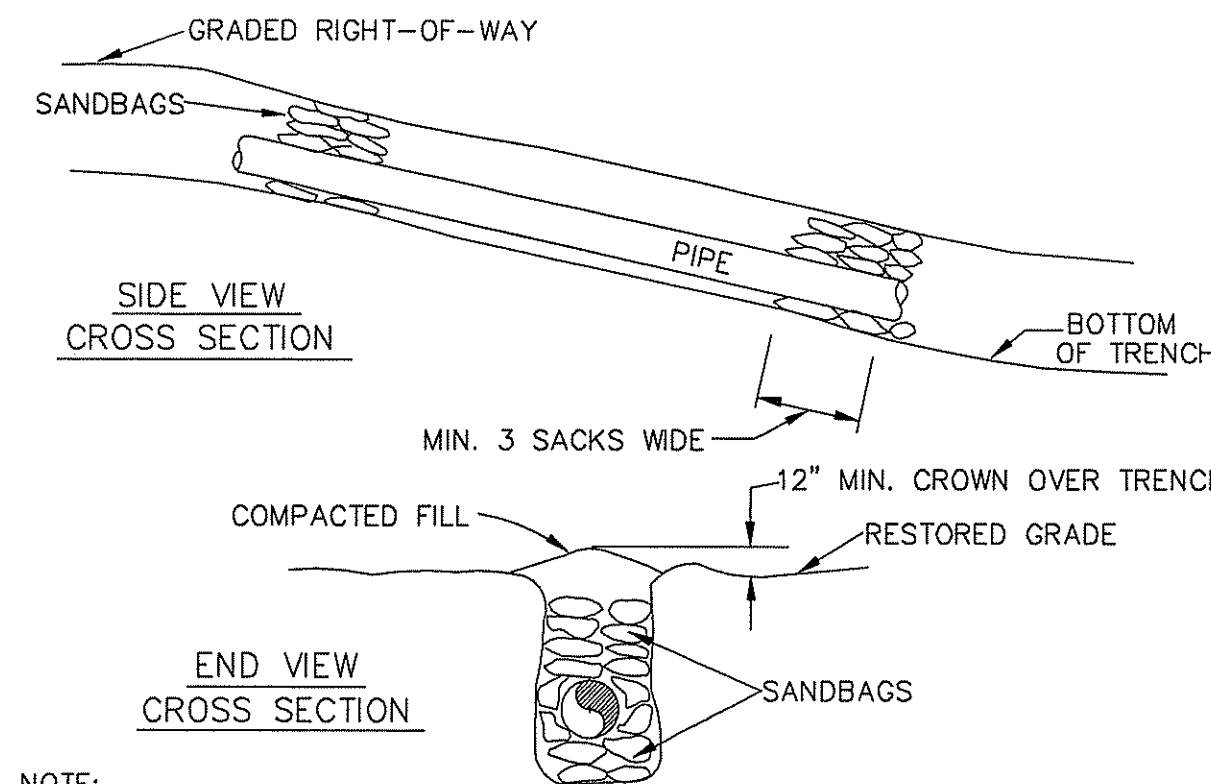
INSPECTION PORT/MANIFOLD RISER
N.T.S.

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Matthew D. Smith

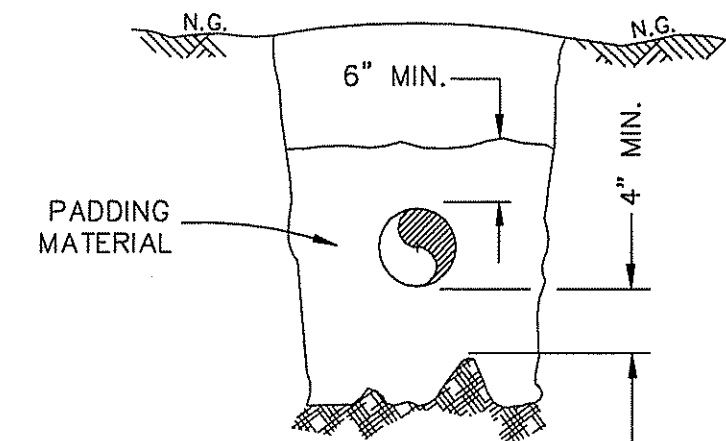
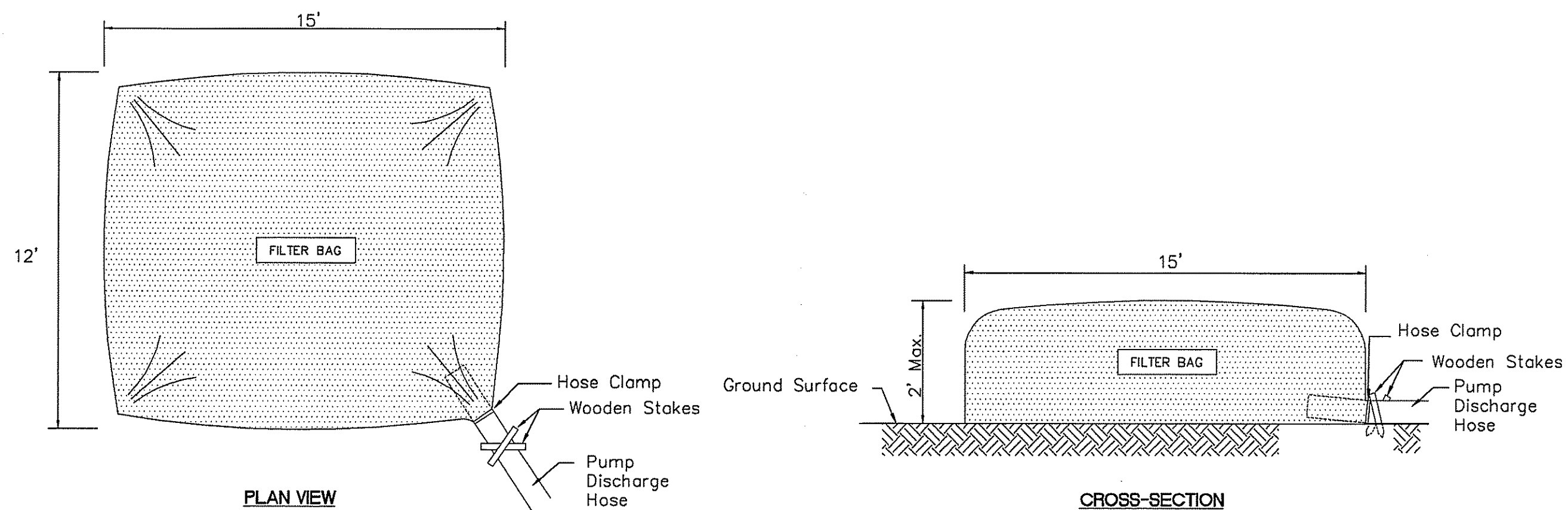
BOHLER ENGINEERING, P.C.
CIVIL & CONSULTING ENGINEERS PROJECT MANAGERS ENVIRONMENTAL & SITE PLANNERS MUNICIPAL ENGINEERS
Other Office Locations: Chalfont, PA Melville, NY Sterling, VA Wellesburg, NJ
PROJECT: WAL-MART STORES, INC. PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP 87, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND
TITLE: CONSTRUCTION DETAILS
SCALE: (H) NONE (V) NONE DATE: 02/23/05 SHEET No: 24
DRAWN BY: CPM PROJECT No: W030933
CHECKED BY: JAK/MDS CAD L.D. W030933sp6 OF 27
CONSTRUCTION CHECK DATE REV. No. 6

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CONNECTICUT LICENSE No. 24567
MAINE LICENSE No. 10280
REGISTERED PROFESSIONAL ENGINEER
10/22/07 CIVIL

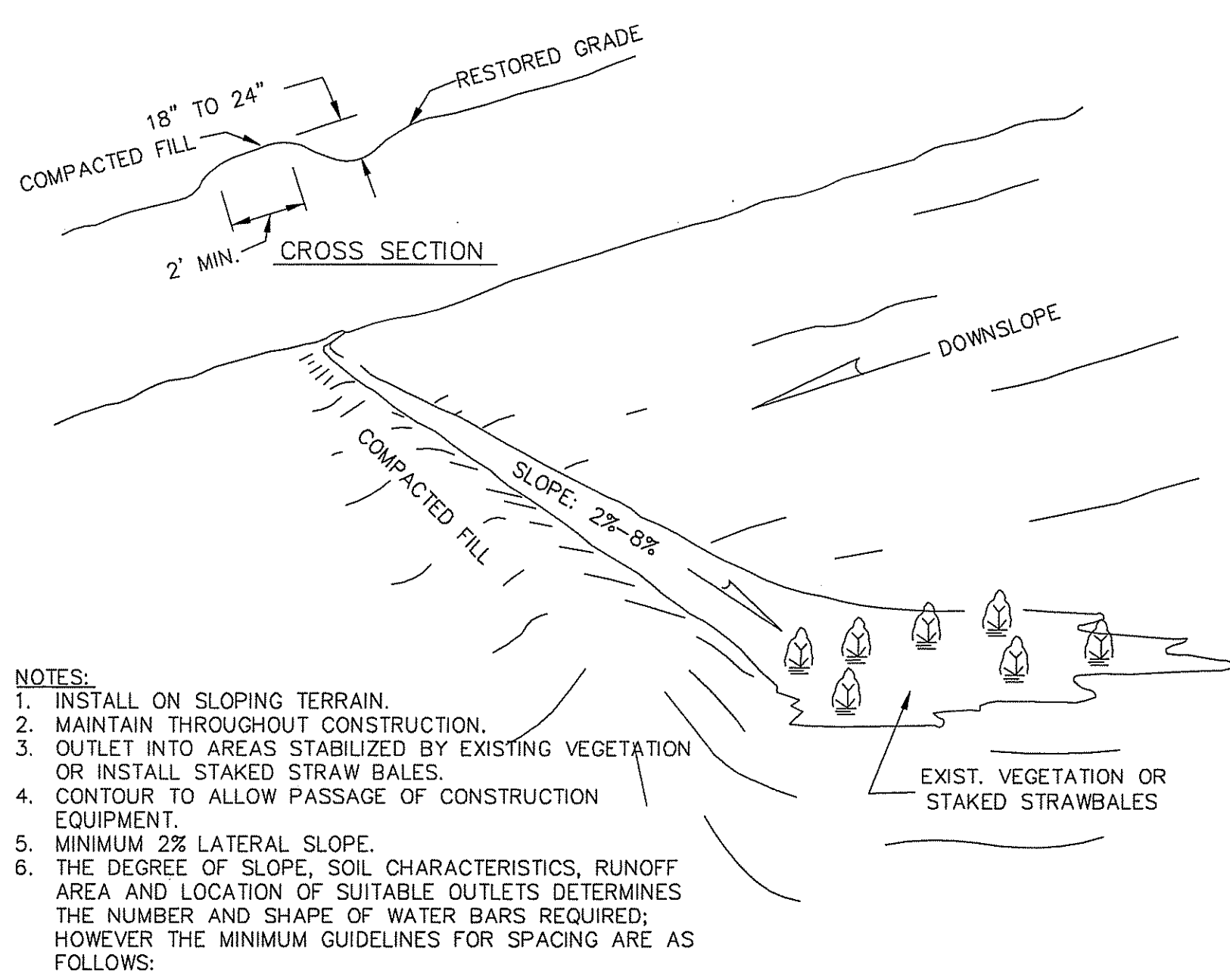
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- NOTE:
1. CONSTRUCT ON SLOPING TERRAIN, AT BASE OF SLOPES ADJACENT TO WATERBODIES AND WETLANDS.
 2. INSTALL AS TRENCH IS COMPLETED.
 3. PRIOR TO LOWERING IN PIPE, REMOVE ALL DECOMPOSABLE MATERIAL AND LARGE ROCKS.
 4. BREAKERS MAY BE COMPOSED OF SANDBAGS OR OTHER APPROVED MATERIAL.
 5. MINIMUM 12 INCHES COVER OVER SANDBAGS.

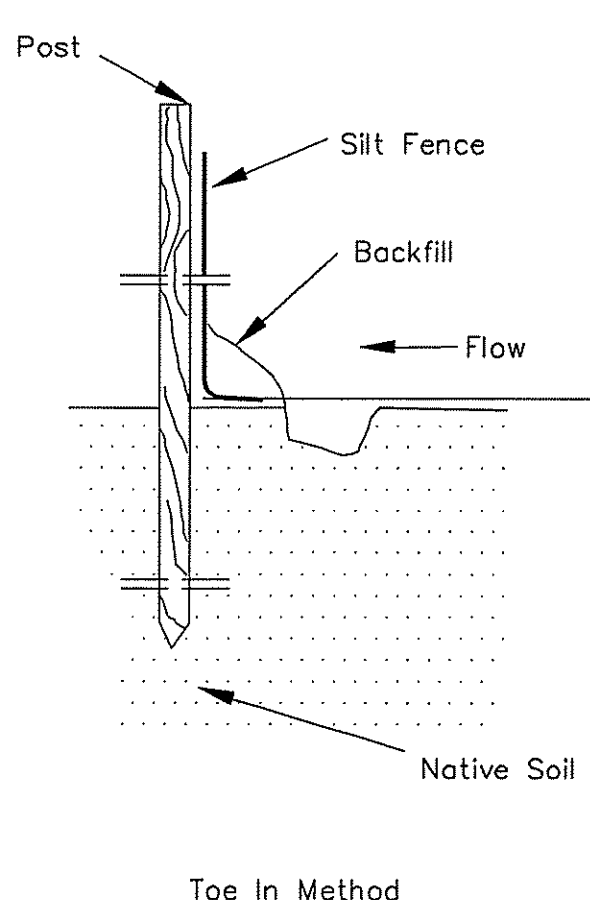
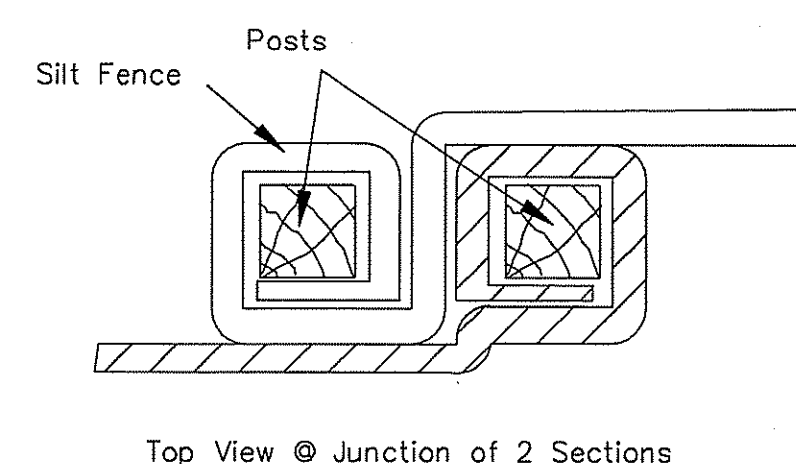


- NOTE:
1. TRENCH TO BE PADD TO 4" MINIMUM OVER TOP OF HIGHEST PROJECTION IN BOTTOM AND GRADED FOR SMOOTH CONTACT WITH PIPE.
 2. PADDING MATERIAL TO BE COMPOSED OF SOIL, FREE OF ROCK PIECES AND LARGE GRAVEL.
 3. TRENCH TO BE PADD THROUGH AREAS DESIGNATED BY T.G.P. INSPECTOR.

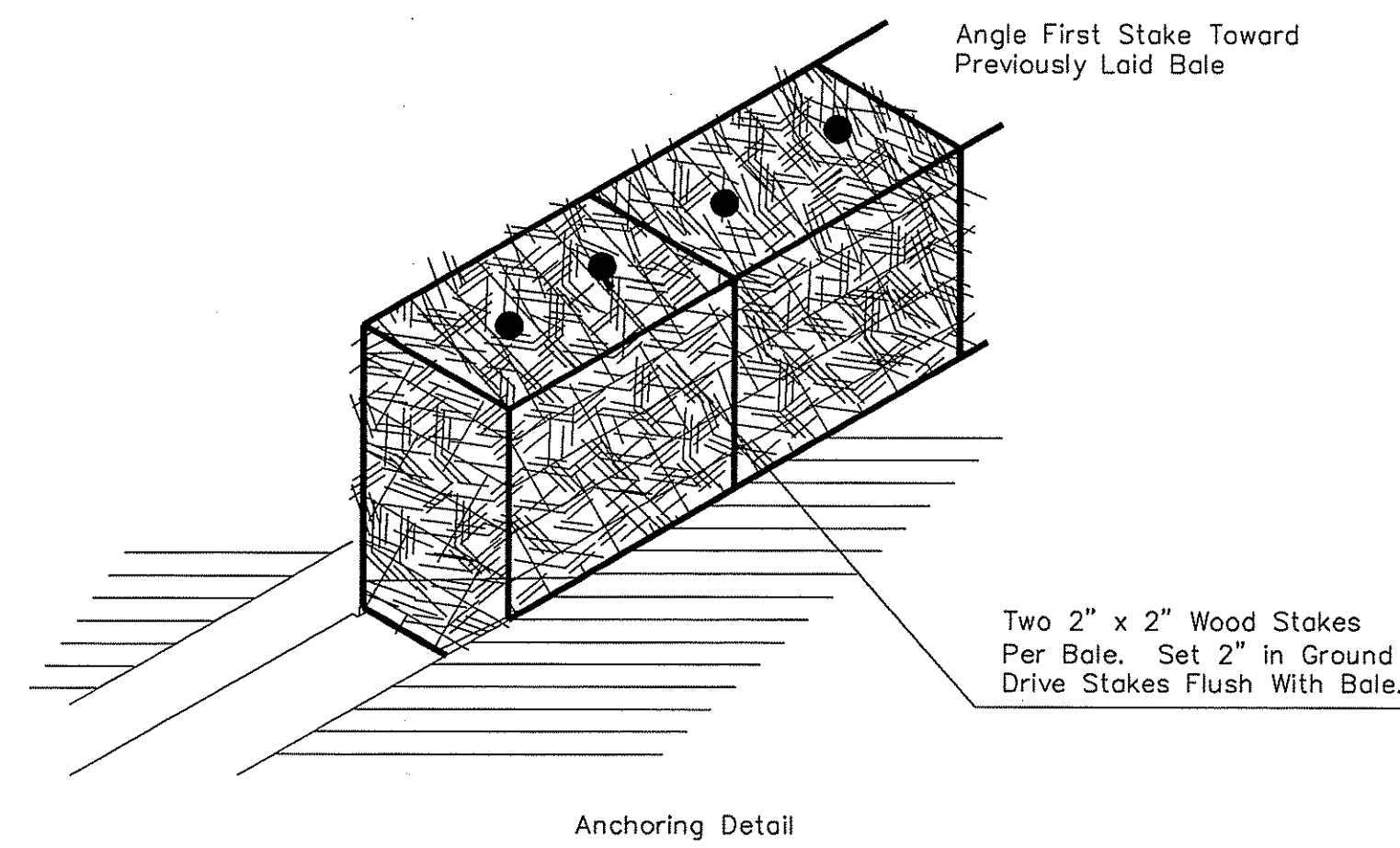
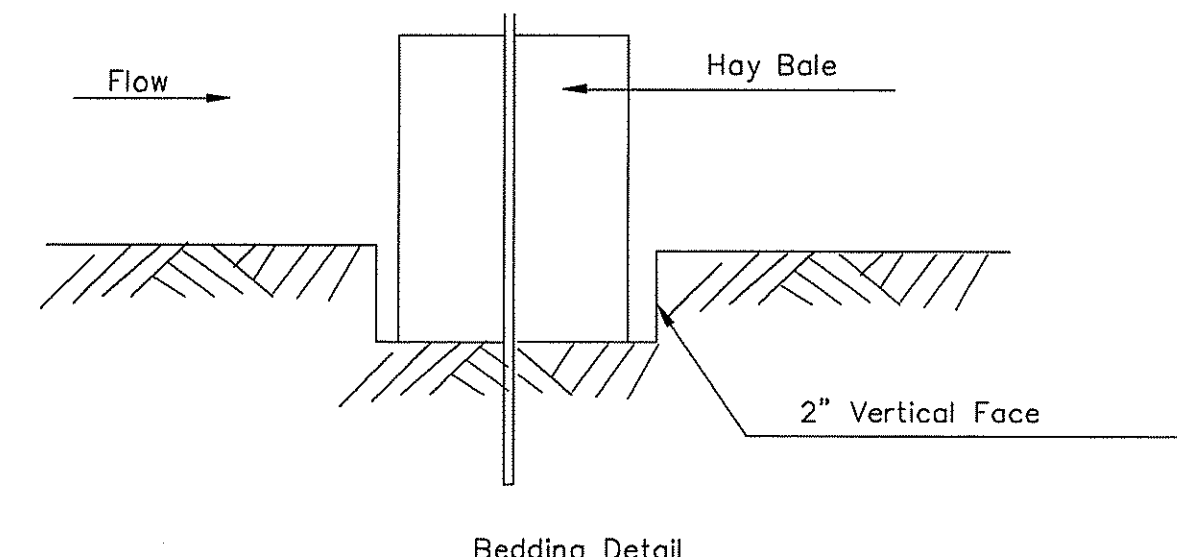


- NOTES:
1. INSTALL ON SLOPING TERRAIN.
 2. MAINTAIN THROUGHOUT CONSTRUCTION.
 3. OUTLET INTO AREAS STABILIZED BY EXISTING VEGETATION OR INSTALL STAKED STRAW BALES.
 4. CONTOUR TO ALLOW PASSAGE OF CONSTRUCTION EQUIPMENT.
 5. MINIMUM 2% LATERAL SLOPE.
 6. THE DEGREE OF SLOPE, SOIL CHARACTERISTICS, RUNOFF AREA AND LOCATION OF SUITABLE OUTLETS DETERMINES THE NUMBER AND SHAPE OF WATER BARS REQUIRED; HOWEVER THE MINIMUM GUIDELINES FOR SPACING ARE AS FOLLOWS:

SLOPE %	SPACING
5-15	300 FEET APART
16-30	200 FEET APART
>30	100 FEET APART

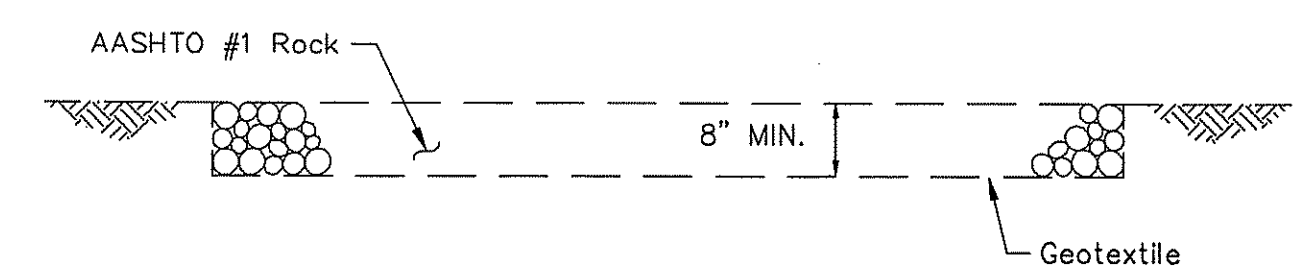
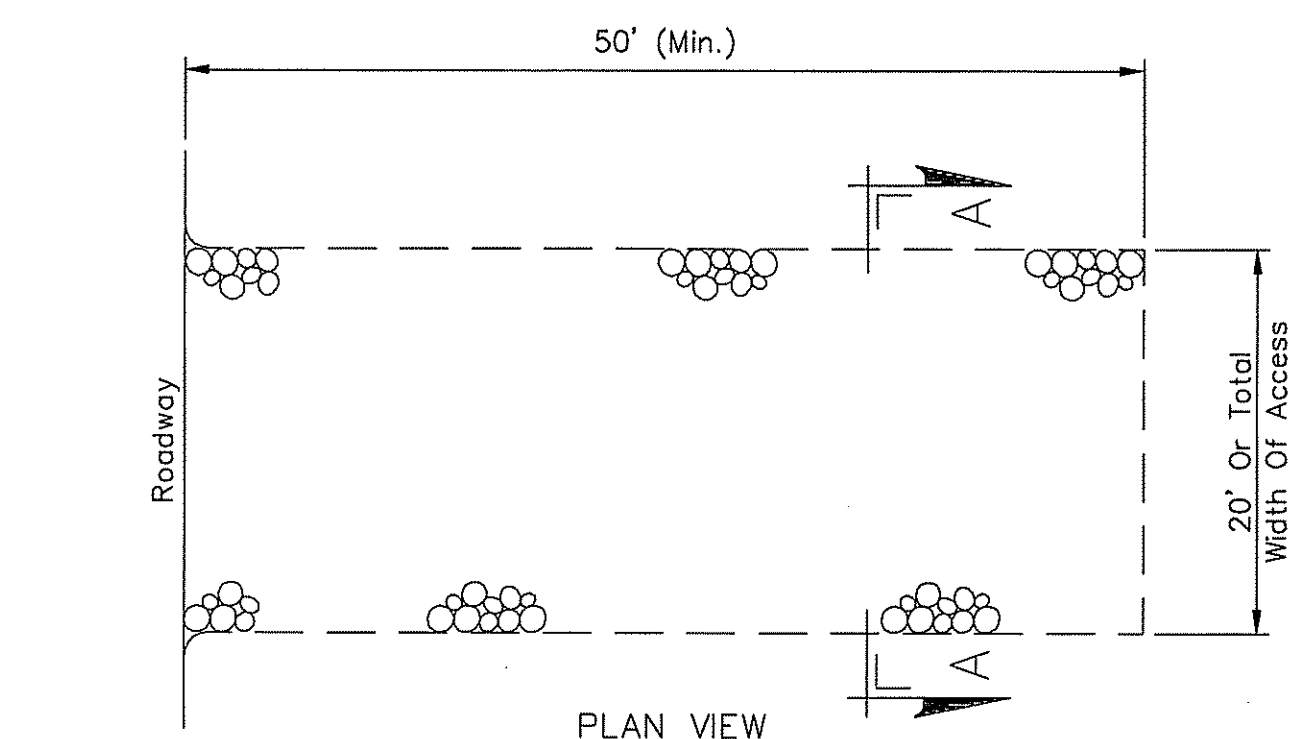


SILT FENCE

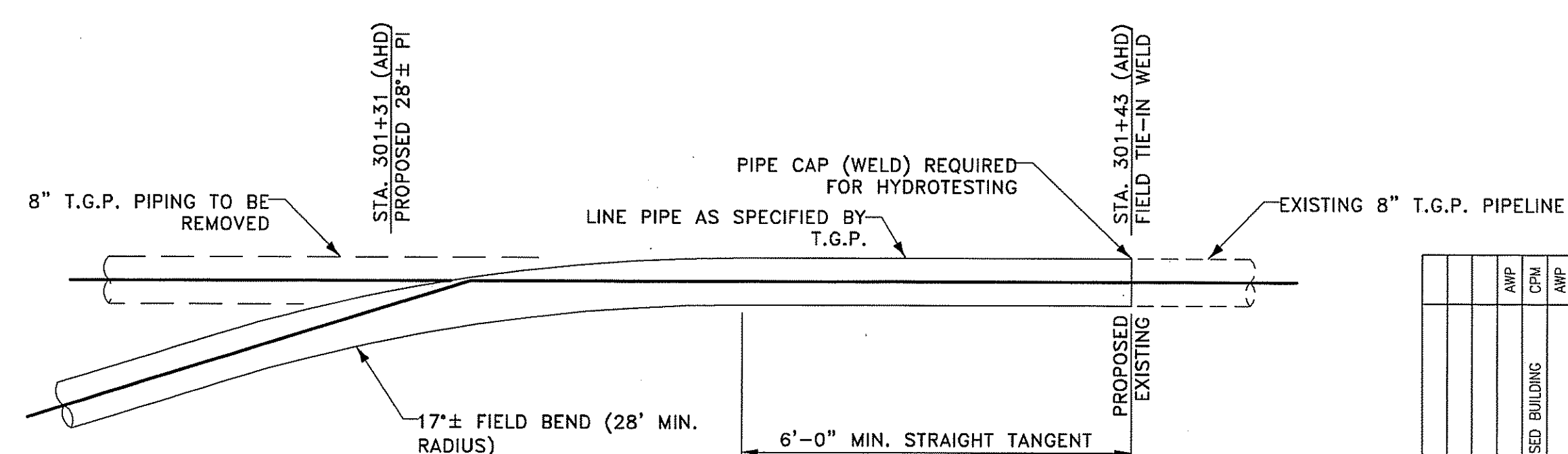
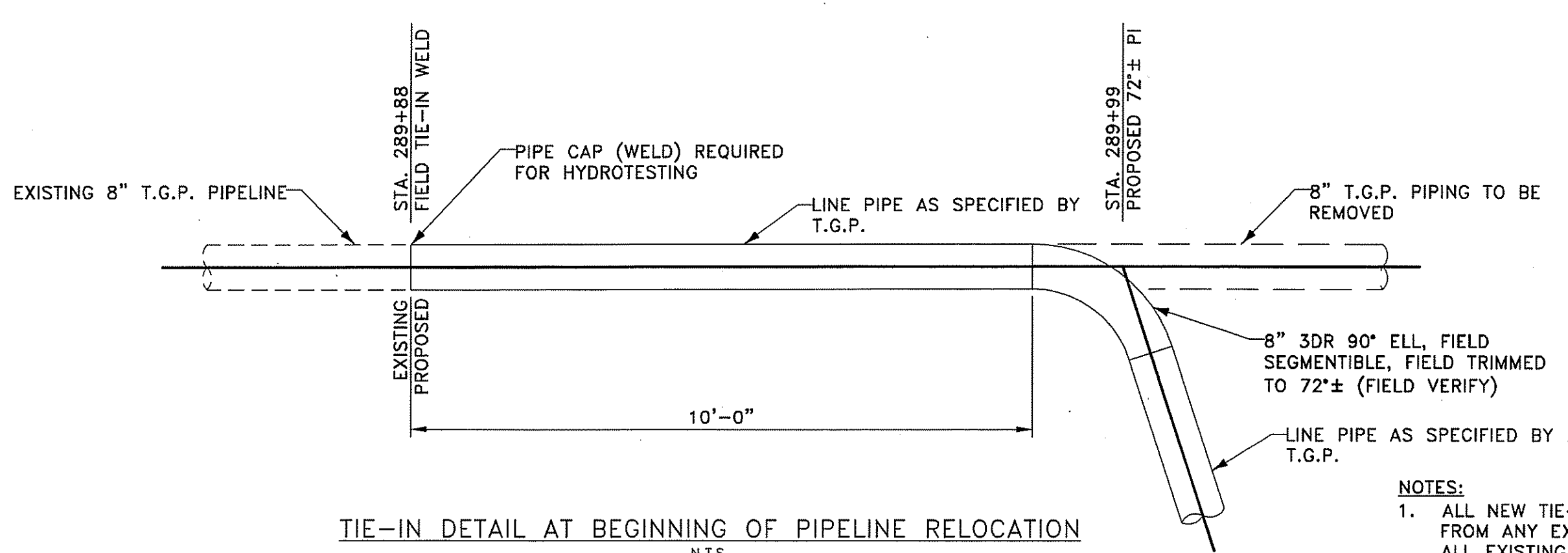


HAY BALE

EROSION CONTROL BARRIER
N.T.S.



TYPICAL ROCK CONSTRUCTION ENTRANCE INSTALLATION
N.T.S.



- NOTES:
1. ALL NEW TIE-IN WELDS REQUIRE A MINIMUM 24" PIPE PUP LENGTH FROM ANY EXISTING FIELD WELD. CONTRACTOR TO FIELD VERIFY ALL EXISTING WELDS AND ADJUST TIE-IN PUPS AS REQUIRED.
 2. ALL PROPOSED TIE-INS ARE SUBJECT TO FIELD ADJUSTMENTS IN ACCORDANCE WITH T.G.P. CONSTRUCTION INSPECTOR APPROVAL.

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OCT 24 2007

PROJECT: **WAL-MART STORES, INC.**
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: **GAS LINE CONSTRUCTION DETAILS**

SCALE: (H) NONE (V) NONE DATE: 02/23/05 SHEET No: 25

DRAWN BY: CPM PROJECT No: W030933

CHECKED BY: JAK/MDS CD ID: W030933p6 OF 27

CONSTRUCTION CHECK DATE REV. No. 6

W.D. GOEBEL

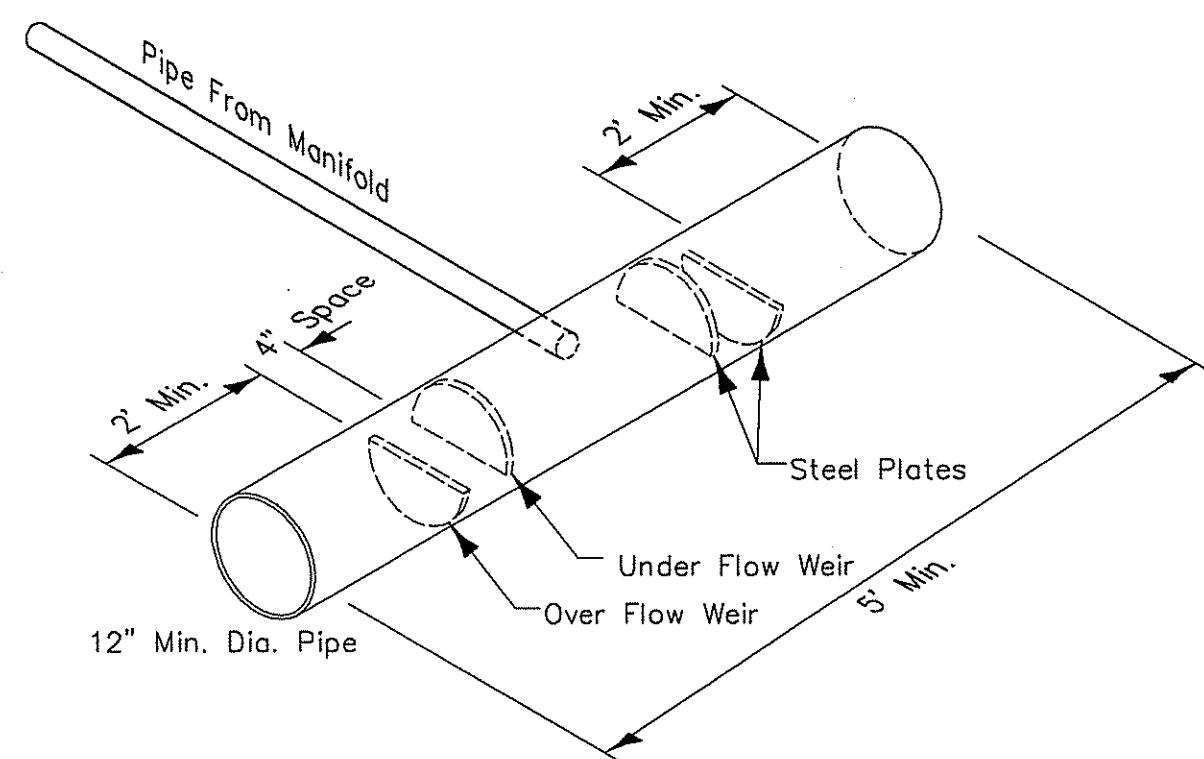
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 42644
RHODE ISLAND LICENSE No. 7288
CONNECTICUT LICENSE No. 21854
NEW HAMPSHIRE LICENSE No. 10280
MAINE LICENSE No. 9490

MATTHEW D. SMITH

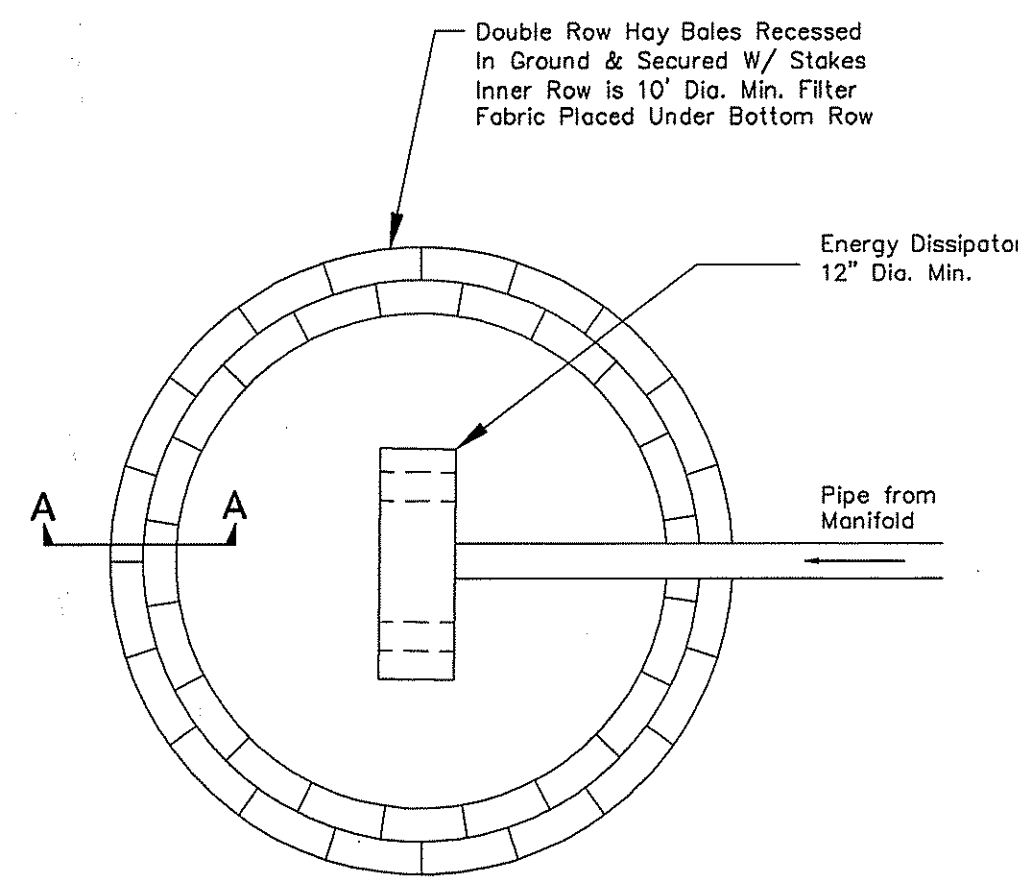
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NEW HAMPSHIRE LICENSE No. 10280
MAINE LICENSE No. 9490

REGISTERED CIVIL

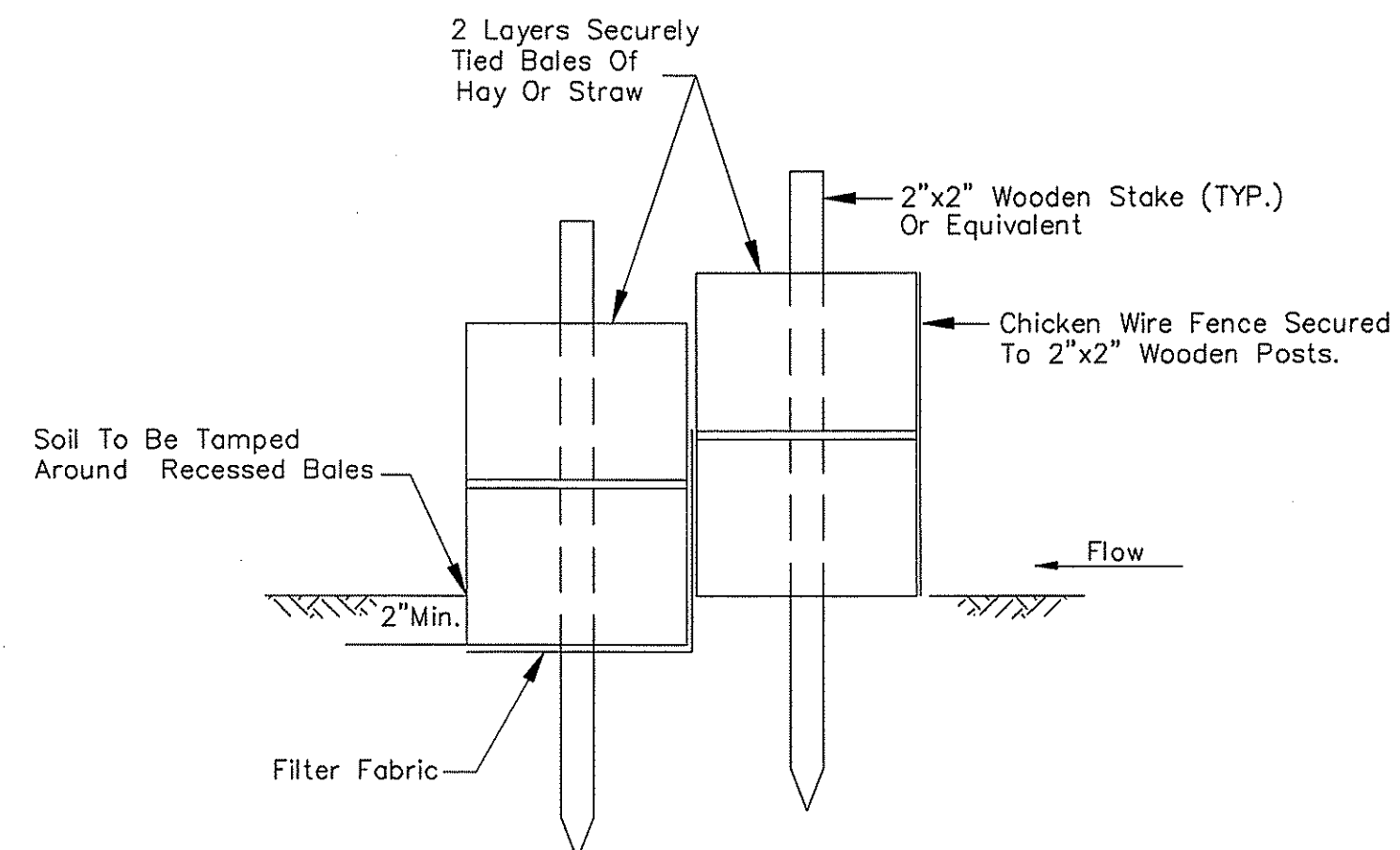
ANY PERSON IS PROHIBITED FROM ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT IS UNDER THE WRITTEN DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF THE FIRM. IN THE EVENT SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER OF THE FIRM MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS.



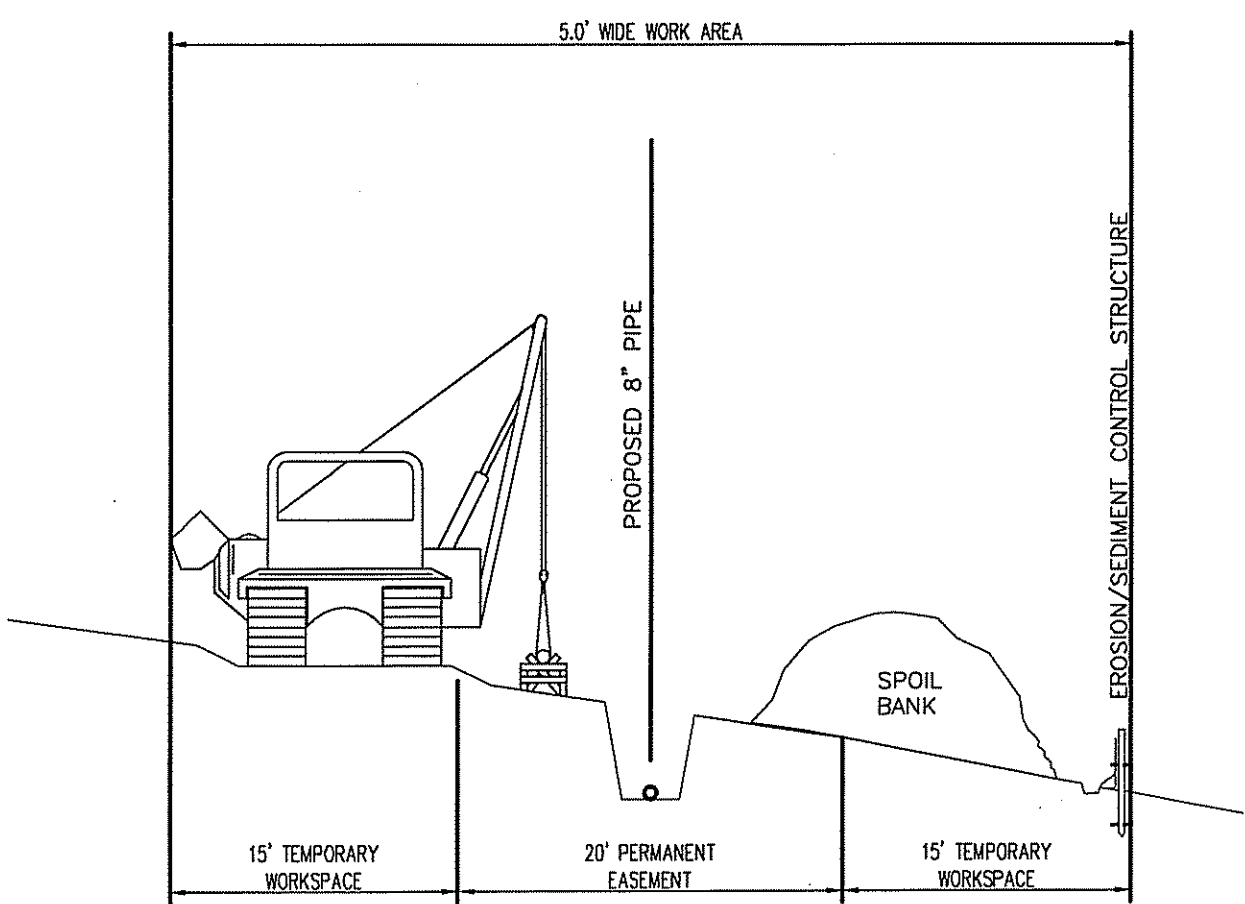
ENERGY DISSIPATER
N.T.S.



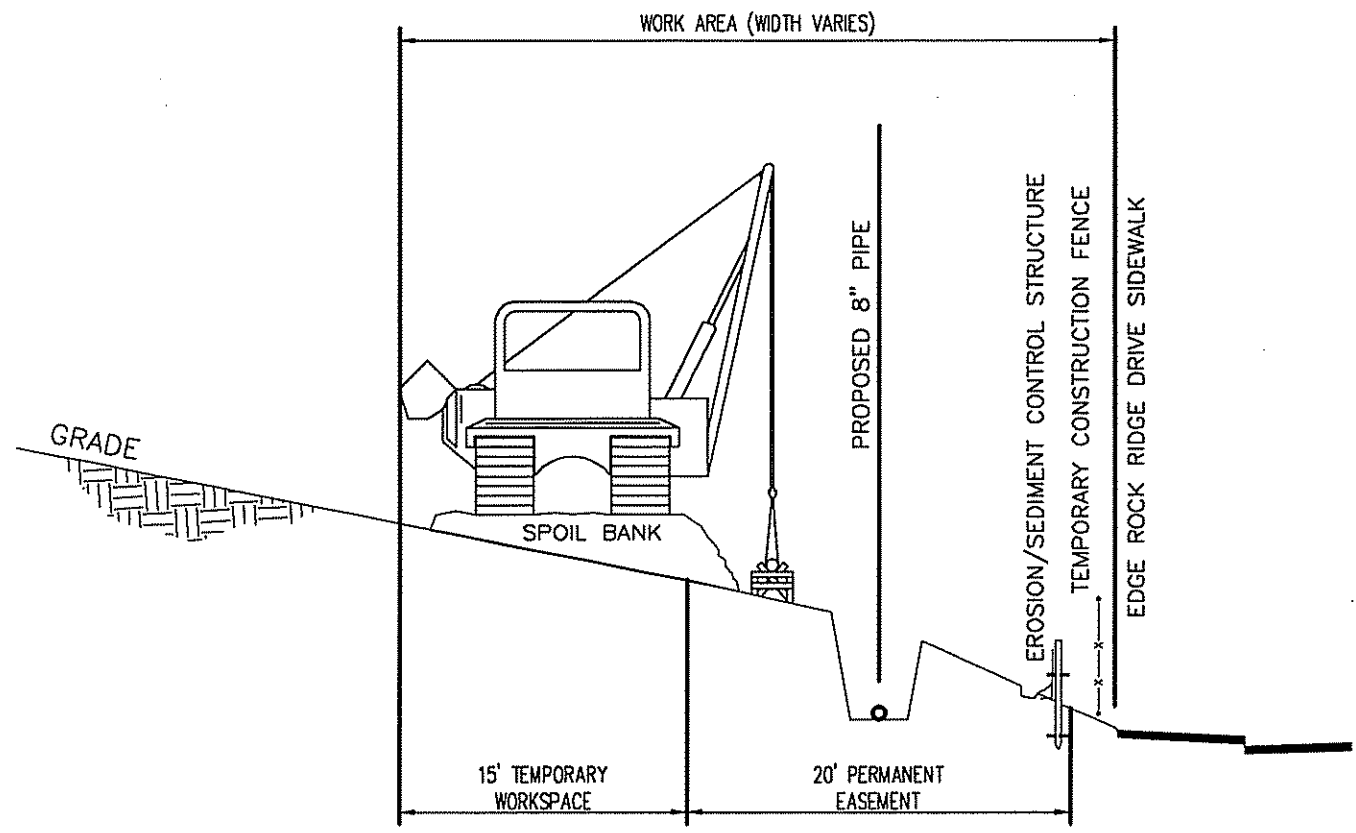
HYDROSTATIC TEST WATER CONTAINER AREA
N.T.S.



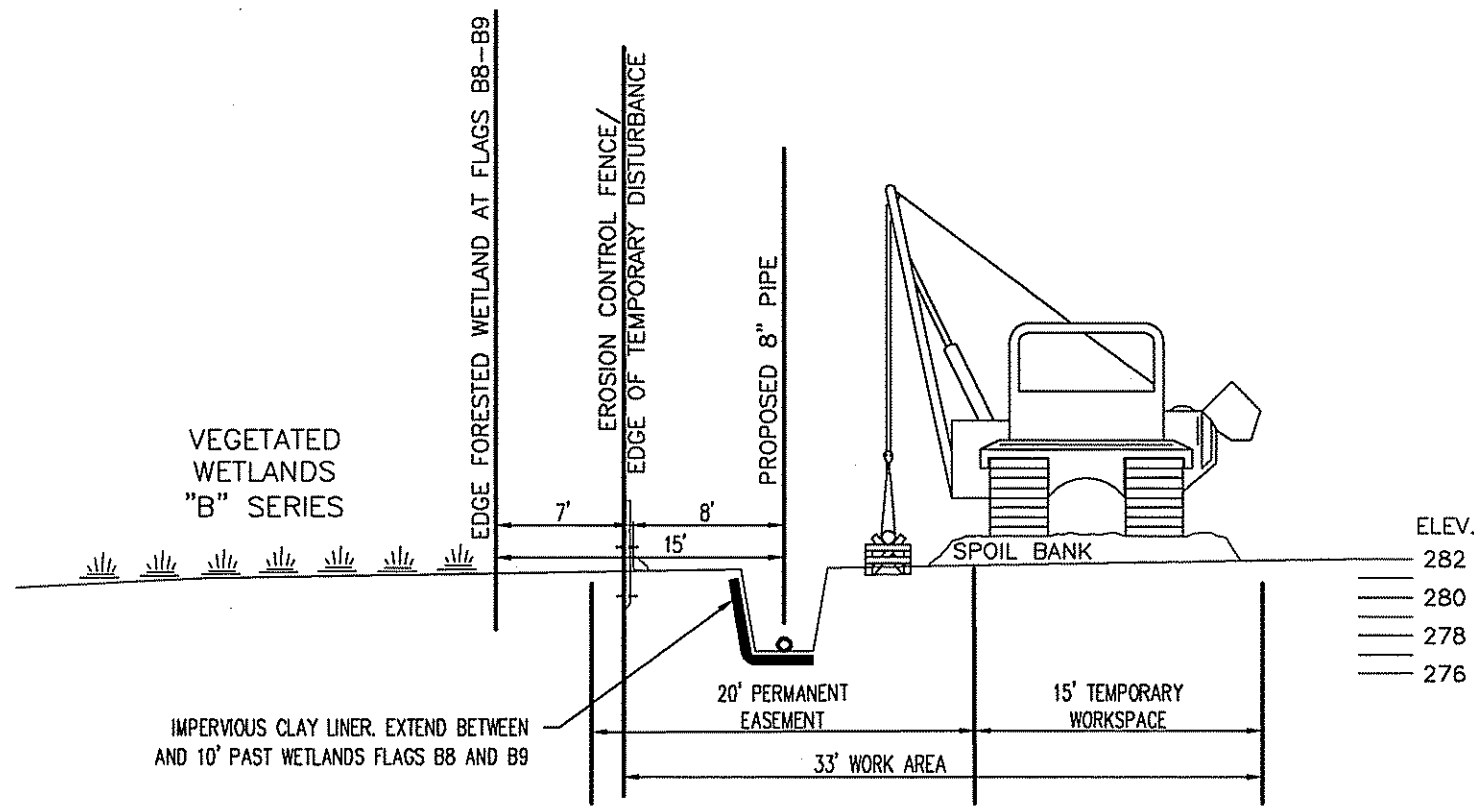
SECTION "A-A"



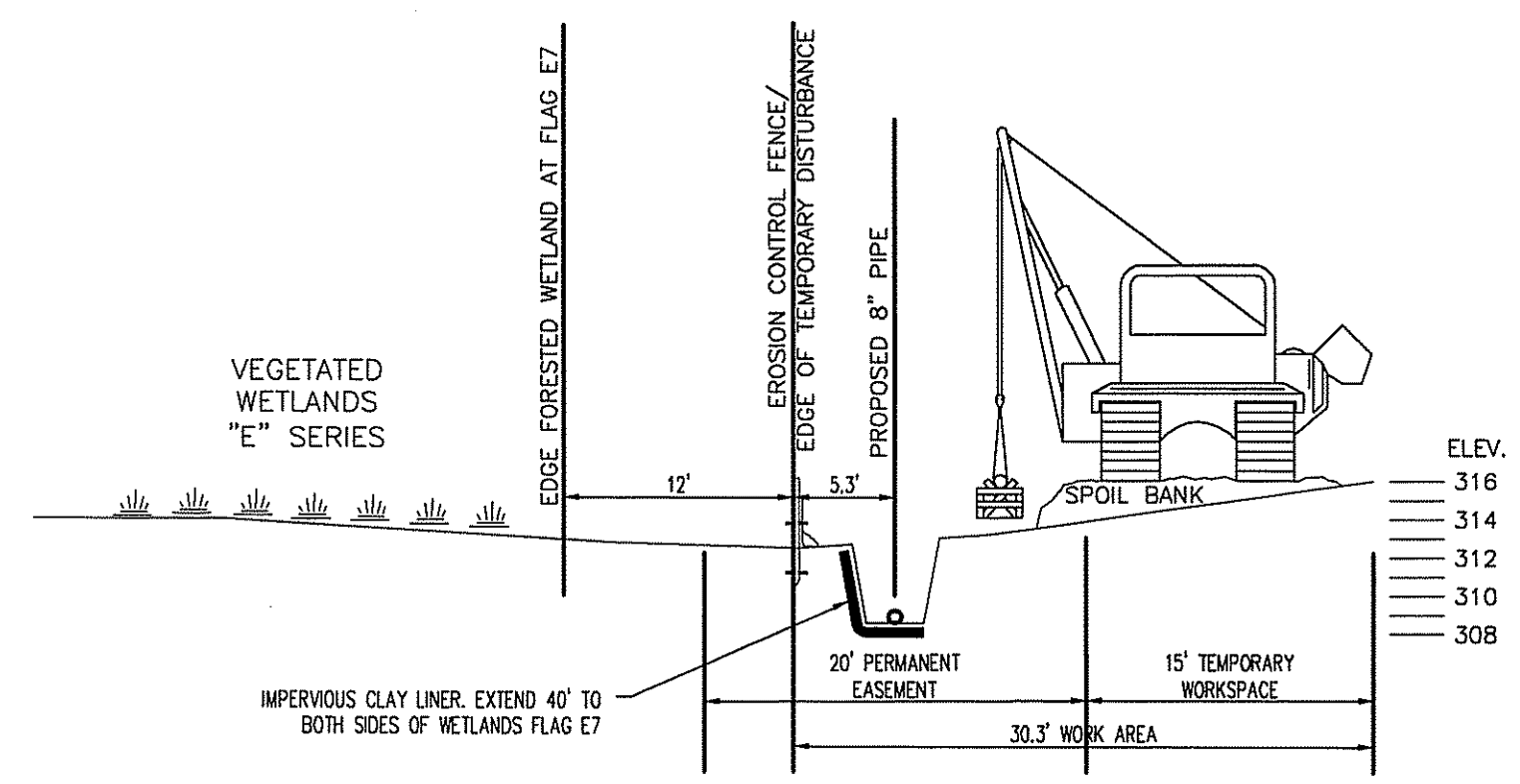
TYPICAL CONSTRUCTION CROSS SECTION
20% CROSS SLOPE
N.T.S.



TYPICAL CONSTRUCTION CROSS SECTION
ADJACENT TO ROCK RIDGE DRIVE LOOKING UPSTATION
N.T.S.



TYPICAL CONSTRUCTION CROSS SECTION
ADJACENT TO "B" SERIES FORESTED WETLAND
(LOOKING WEST)
1"=10'



TYPICAL CONSTRUCTION CROSS SECTION
ADJACENT TO "E" SERIES FORESTED WETLAND
(LOOKING SOUTH)
1"=10'

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 8 2007 FILE # 04-0573
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
Martin D. Wencel

AWP	10/25/07	RIEM COMMENTS
CPM	10/25/07	RIEM/CITY COMMENTS, REVISED BUILDING
AWP	10/25/07	MSG: REVS
AWP	10/25/07	RIEM COMMENTS - VORRECHINS DETAIL
AWP	10/25/07	RESPONSE TO RIEM COMMENTS
AWP	10/25/07	RESPONSE TO RIEM COMMENTS
BY	DATE	COMMENT

BOHLER ENGINEERING, P.C.
CIVIL & CONSULTING ENGINEERS ■ PROJECT MANAGERS ■ ENVIRONMENTAL & SITE PLANNERS ■ MUNICIPAL ENGINEERS

Other Office Locations:
■ Chalfont, PA ■ Melville, NY ■ Sterling, VA ■ Watchung, NJ ■ Towson, MD ■ Albany, NY

352 Turnpike Road
Southborough, MA 01772
508.480.9900
fax: 508.480.9080
www.bohlereng.com

OCT 24 2007

PROJECT: **WAL-MART STORES, INC.**
PROPOSED WAL-MART EXPANSION (STORE #2225-04)
MAP B7, LOTS 52-6, 52-7, 53-5, 53-30 & 57-88
DIAMOND HILL ROAD & ROCK RIDGE ROAD
CITY OF WOONSOCKET, PROVIDENCE COUNTY, RHODE ISLAND

TITLE: **GAS LINE CONSTRUCTION DETAILS**

SCALE: (H) NONE DATE: 02/23/05 SHEET No: 26
DRAWN BY: CPM PROJECT No: WO30933
CHECKED BY: JAK/MDS CAD L.D. #: WO30933sp6 OF 27
CONSTRUCTION CHECK DATE REV. No: 6

W.D. GOEBEL
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 42844
RHODE ISLAND LICENSE No. 7288
CONNECTICUT LICENSE No. 21854
NEW HAMPSHIRE LICENSE No. 10280
MAINE LICENSE No. 9490

MATTHEW D. SMITH
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 8145
RHODE ISLAND LICENSE No. 8145
CONNECTICUT LICENSE No. 24567
MAINE LICENSE No. 2023
REGISTERED
PROFESSIONAL ENGINEER
10/22/07 CIVIL

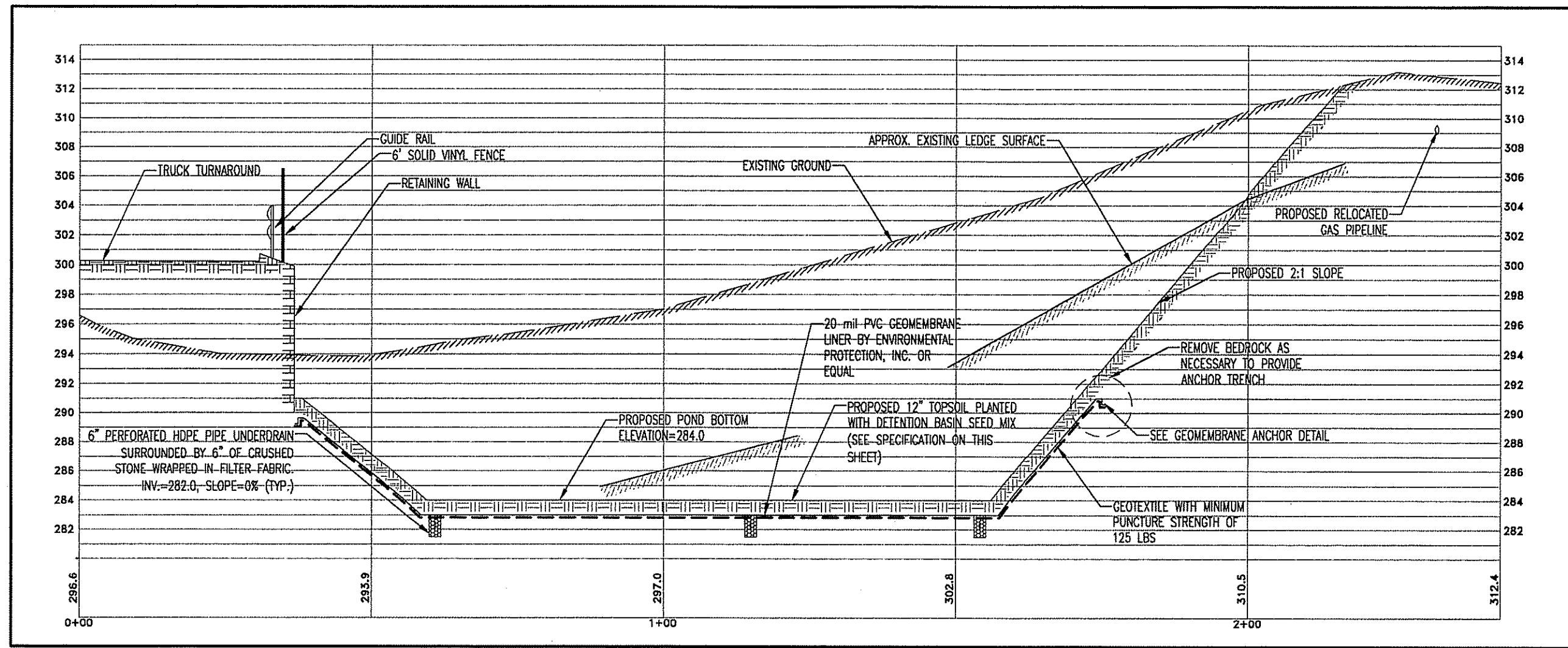
DETENTION BASIN HERBACEOUS SEEDING SPECIFICATION:

EUPATORIUM PERFORIATUM	BONESET	26.66%
VERBENA HASTATA	BLUE VERNAIN	28.80%
PANICUM DICHOTOMIFLORUM	SMOOTH PANIC GRASS	19.75%
SOLIDAGO RUGOSA	WRINKLED GOLDENROD	8.89%
EUPATORIUM MACULATUM	JOE-PYE WEED	8.74%
EUTHAMIA GRAMINIFOLIA	GRASS LEAF GOLDENROD	6.65%
POLYGONUM PENNSYLVANICUM	PENNSYLVANIA SMARTWEED	4.59%
ASTER NOVAE-ANGIAE	NEW ENGLAND ASTER	2.80%
BIDENS CERNUA	HOODING BEEGAH'S TICK	0.79%
ASCLEPIAS INCARNATA	SWAMP MILKWEED	0.21%
IRIS VERSICOLOR	BLUE FLAG	0.12%

GEOMEMBRANE NOTES

1. SPECIAL CARE SHALL BE TAKEN NOT TO DAMAGE THE LINER MATERIAL DURING GRADING OPERATIONS.
2. AN AS-BUILT OF THE INSTALLED LINER SHALL BE PROVIDED TO THE ENGINEER.
3. HEAVY EQUIPMENT SHALL NOT BE DRIVEN OVER THE BASIN BOTTOM, TO AVOID DAMAGE TO THE LINER SYSTEM.

1. THE AREAS AROUND AND WITHIN THE BASIN SHALL BE SEEDED IMMEDIATELY FOLLOWING CONSTRUCTION TO STABILIZE THE SLOPES AND PREVENT EROSION. TREES AND SHRUBS SHALL NOT BE ALLOWED ON ANY IMPROVING EMBANKMENTS TO PREVENT POSSIBLE FAILURE OF THE BASIN.
2. SOW ABOVE MIX AT A RATE OF 10 LBS./ACRE ALONG WITH A TOP DRESSING OF ANNUAL RYE SOWN AT 10 LBS./ACRE.
3. ANNUAL RYE TO BE MOWED THE FOLLOWING SPRING BEFORE SEED HEADS FORM. MOW AT HEIGHT OF AT LEAST 8". CUTTING SHALL TAKE PLACE IN EARLY SPRING ONLY.

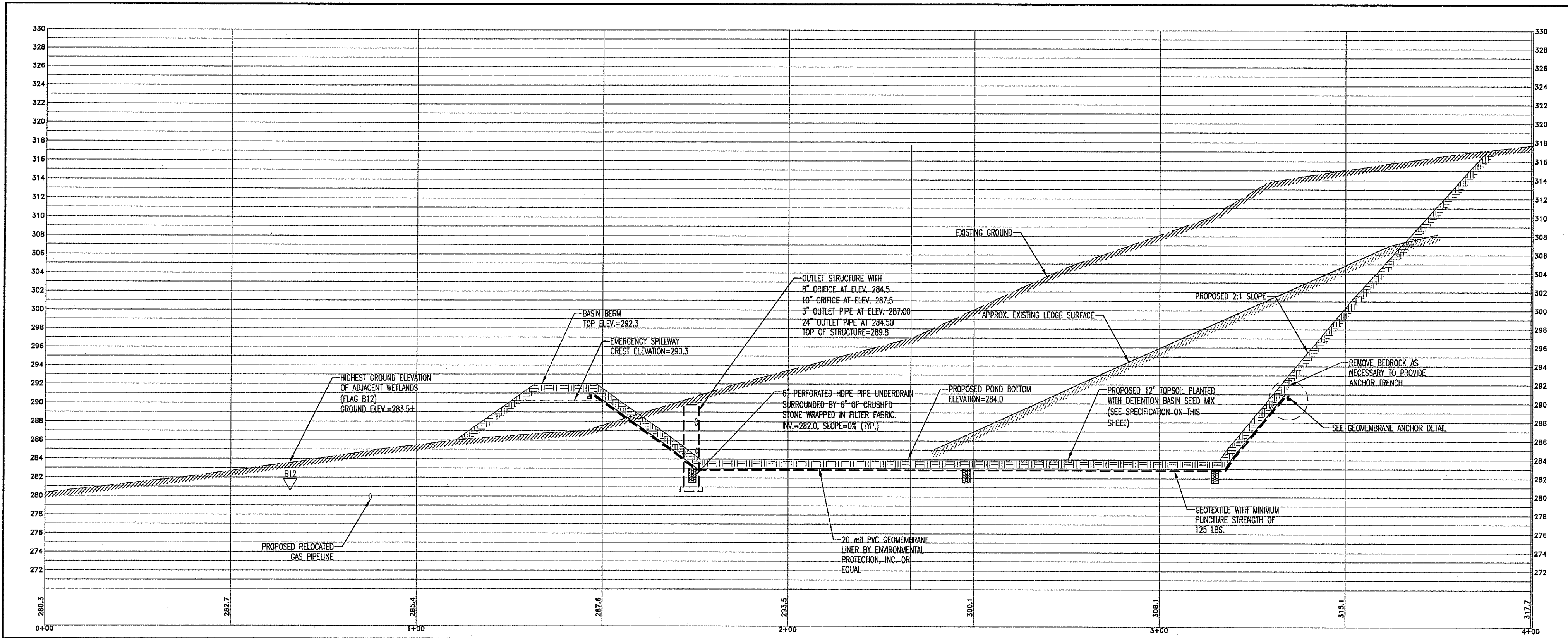


SECTION A-A

H: 1"=20'
V: 1"=8'

BASIN #3 WATER SURFACE ELEVATIONS

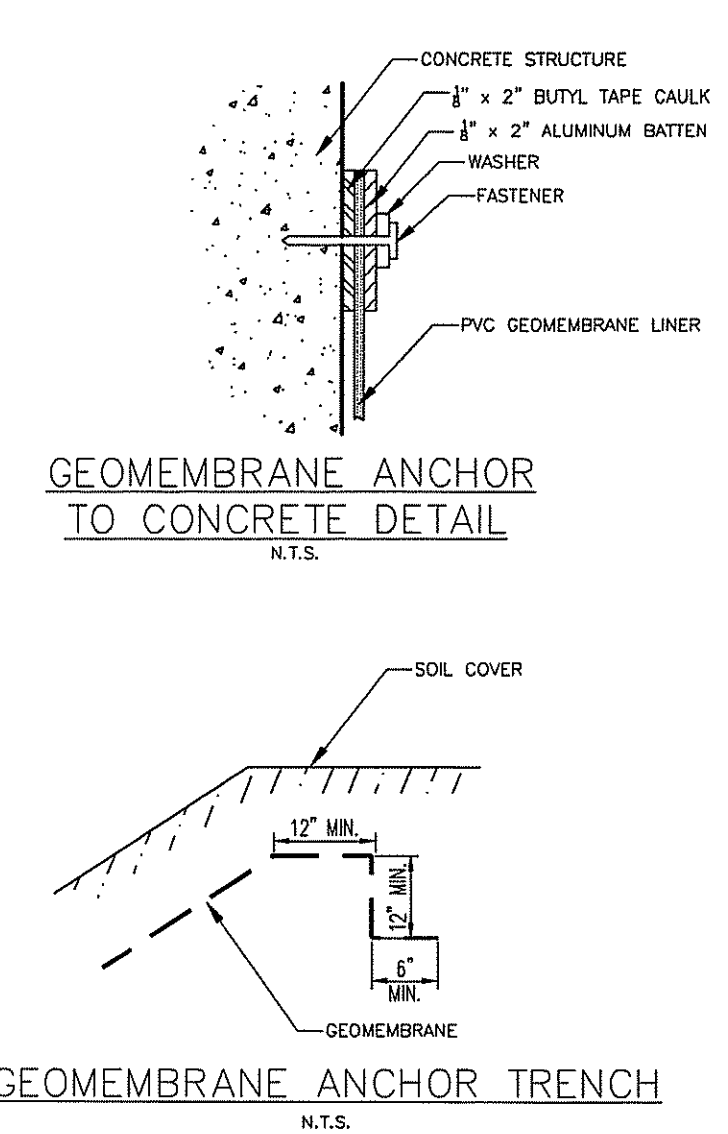
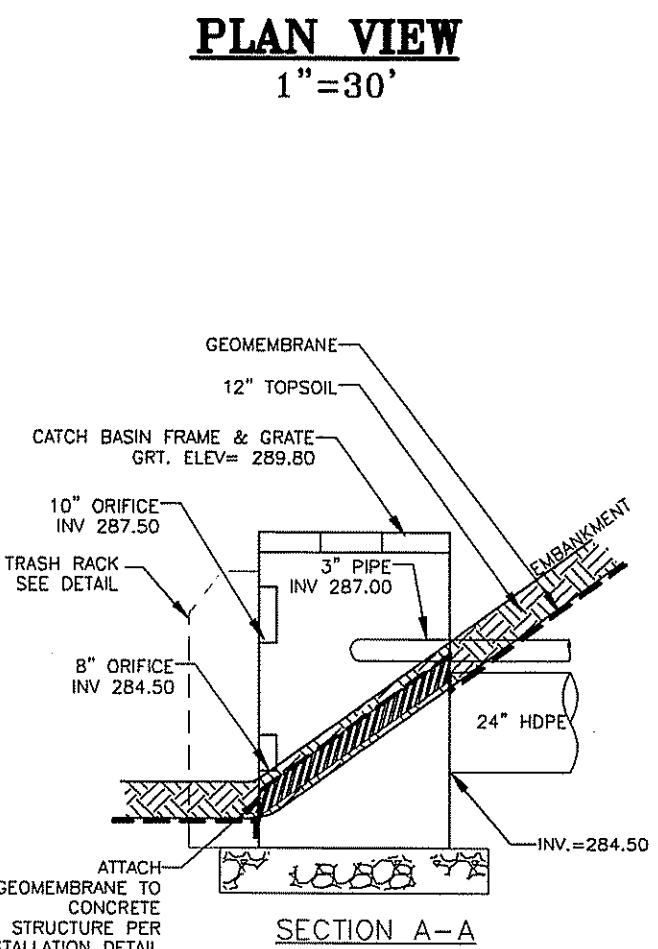
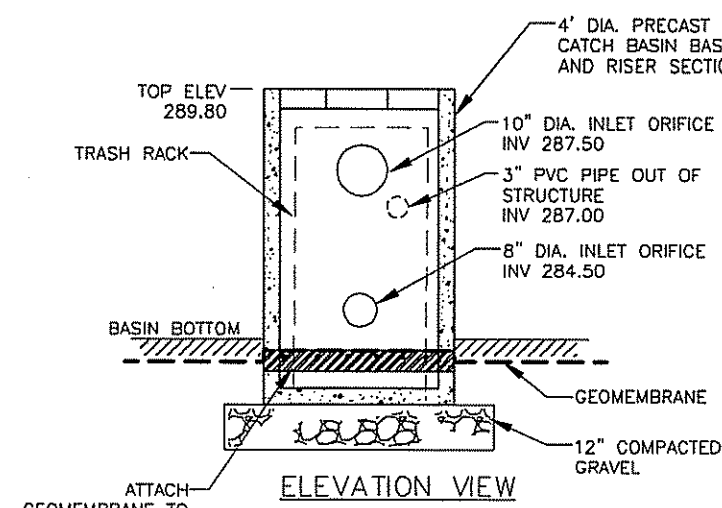
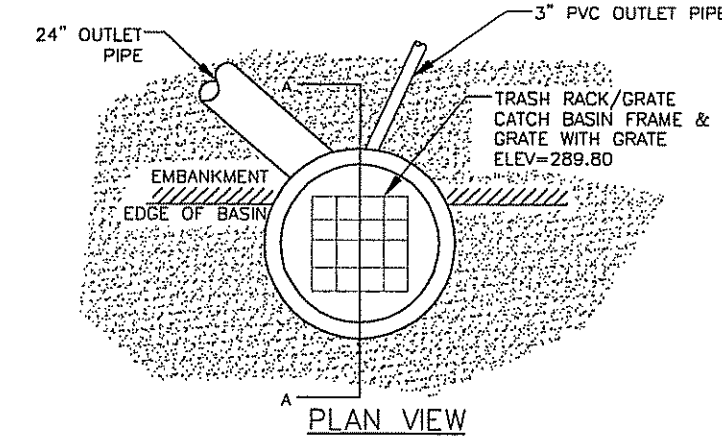
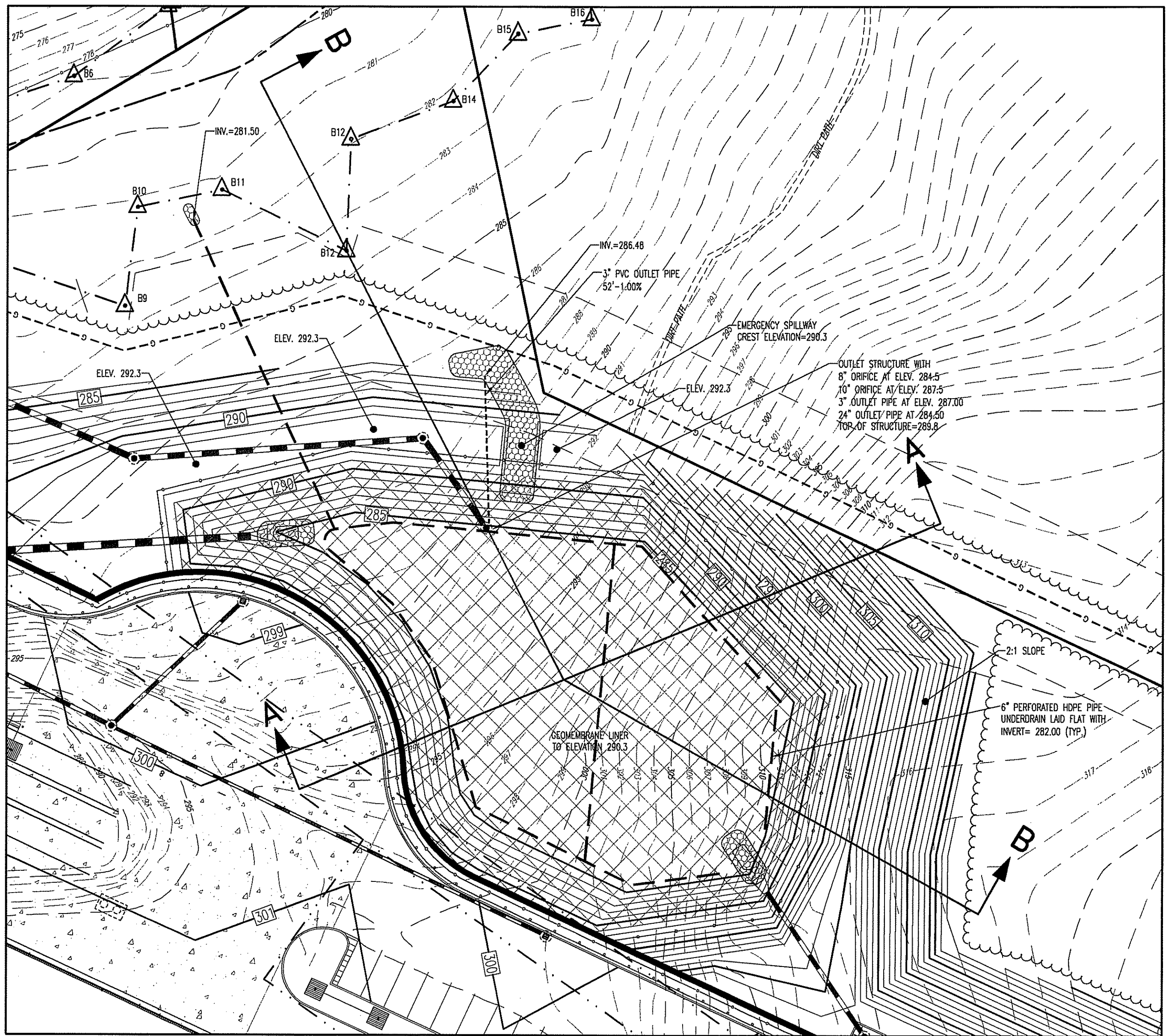
YEAR	2	10	25	100
WATER ELEV (FT)	287.60	288.56	289.26	290.30



SECTION B-B

H: 1"=20'
V: 1"=8'

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DETENTION BASIN #3 OUTLET STRUCTURE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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Matthew D. Smith

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CONNECTICUT LICENSE No. 21854
NEW HAMPSHIRE LICENSE No. 10280
MAINE LICENSE No. 9490

MATTHEW D. SMITH
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 8145
RHODE ISLAND LICENSE No. 6145
CONNECTICUT LICENSE No. 24567
MAINE LICENSE No. 95723
REGISTERED
10/27/07 CIVIL

TITLE: DETENTION BASIN #3 DETAILS
SCALE: (H) AS SHOWN (V) NONE DATE: 02/23/05 SHEET No: 27 OF 27
DRAWN BY: CPM PROJECT No: WO309333
CHECKED BY: JAK/MDS CAD ID: WO309333ep6
CONSTRUCTION CHECK DATE REV. No: 6