1. Property Owner:
   Hannaford Brothers Co
   Attn: Real Estate Dept.
   MS 6000, P.O. Box 1000
   Portland, ME 04104
   603-502-3650

2. Applicant:
   Hannaford Bros. Co., LLC
   c/o J M Lord, Maple Rock LLC
   P.O. Box 28 / 560 South Road
   Rye Beach, NH 03871
   603-502-3650

3. Agent:
   Stantec
   482 Payne Road Scarborough Court
   Scarborough, ME 04074-8929
   207-883-3355

4. Property Address:
   77 Western Avenue
   Hampden, ME 04444

   Parcel ID: 31-0-002

5. Total Site Area: 3.89 acres

6. Hannaford Supermarket: 30,259 SF

7. Zoning: Business B

8. Area & Bulk Summary Requirements:
   See Site Statistics

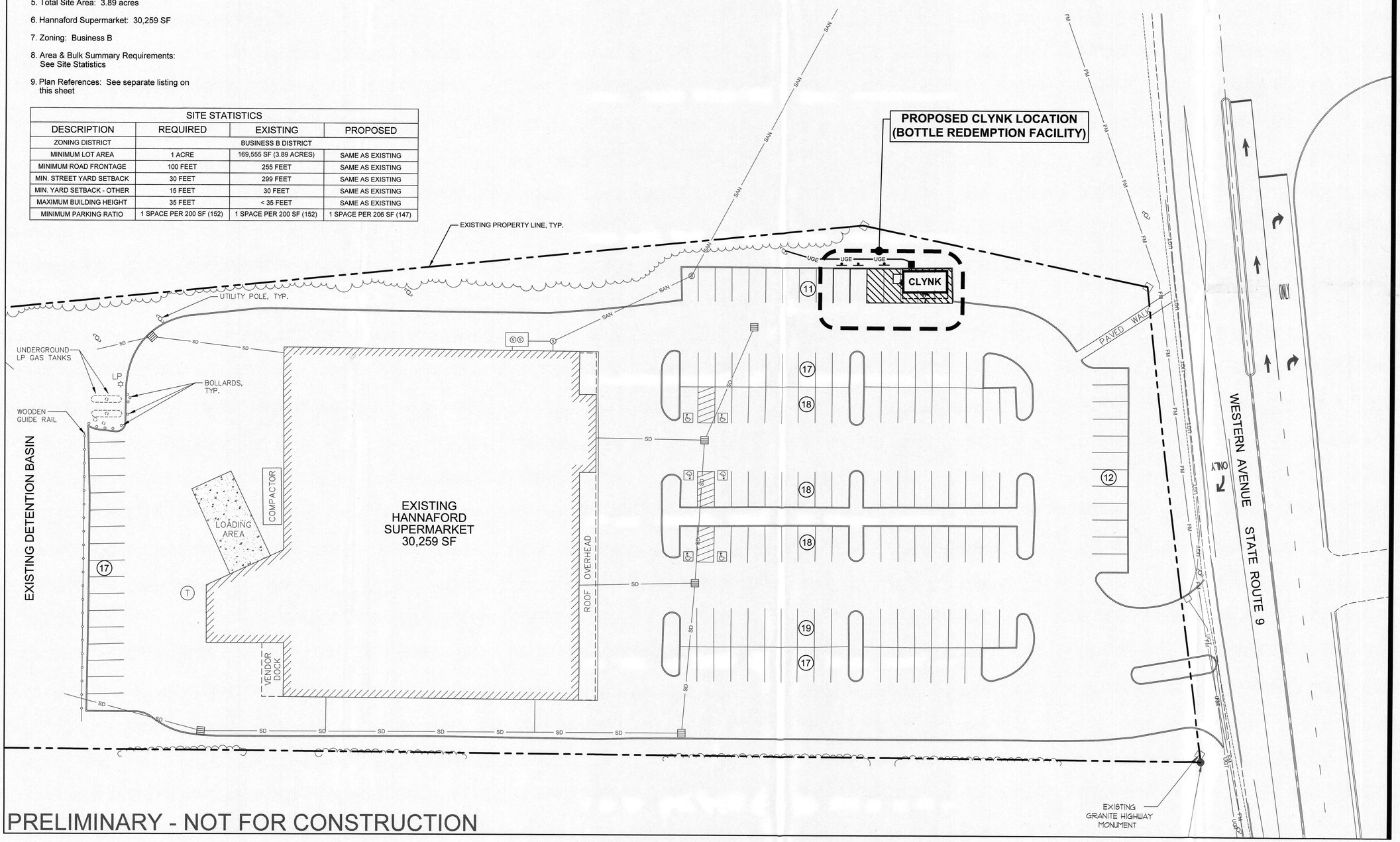
9. Plan References: See separate listing on this sheet

SITE STATISTICS			
DESCRIPTION	REQUIRED	EXISTING	PROPOSED
ZONING DISTRICT	BUSINESS B DISTRICT		
MINIMUM LOT AREA	1 ACRE	169,555 SF (3.89 ACRES)	SAME AS EXISTING
MINIMUM ROAD FRONTAGE	100 FEET	255 FEET	SAME AS EXISTING
MIN. STREET YARD SETBACK	30 FEET	299 FEET	SAME AS EXISTING
MIN. YARD SETBACK - OTHER	15 FEET	30 FEET	SAME AS EXISTING
MAXIMUM BUILDING HEIGHT	35 FEET	< 35 FEET	SAME AS EXISTING
MINIMUM PARKING RATIO	1 SPACE PER 200 SF (152)	1 SPACE PER 200 SF (152)	1 SPACE PER 206 SF (147)

PLAN REFERENCES:

THIS BASE PLAN WAS PREPARED USING:

1. PLAN SET ENTITLED "WESTERN AVE. HAMPDEN, MAINE", PREPARED FOR GRAVES' SUPERMARKETS, INC., PREPARED BY DeLUCA-HOFFMAN ASSOCIATES, INC. (NOW STANTEC CONSULTING SERVICES, INC.), LATEST REVISION OF 9/11/01.
2. AERIAL PHOTOGRAPHY FROM GOOGLE EARTH PRO DATED MAY 2015.
3. TOWN OF HAMPDEN TAX MAP, ZONING & LOT DIMENSION INFORMATION CURRENT AS OF SEPT. 2017.



Stantec

Stantec
482 Payne Road Scarborough Court
Scarborough, Maine 04074-8929
Tel. 207.883.3355
www.stantec.com

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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
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Notes

1. EXISTING CONDITIONS DEPICTED ON THIS PLAN ARE BASED UPON PREVIOUS GROUND SURVEY, PREVIOUS DESIGN / CONSTRUCTION PLANS & CURRENT AERIAL IMAGERY.
2. THE SCOPE OF WORK DEPICTED ON THIS PLAN IS ASSOCIATED WITH THE ADDITION OF A FREESTANDING BOTTLE REDEMPTION UNIT (CLYNK).
2. THE HANNAFORD PARCEL IS LOCATED WITHIN THE ZONING BUSINESS B DISTRICT.
3. SIGNAGE SHALL COMPLY WITH THE LAND USE CODE.
4. ALL MATERIALS AND INSTALLATION TO BE IN ACCORDANCE WITH THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (2014) & STANDARD DETAIL SHEETS.
5. ALL STRIPING AND SIGNAGE TO BE IN ACCORDANCE WITH MUTCD STANDARDS.
6. THE PAVEMENT SHALL BE GRADED TO PROVIDE A SMOOTH EVEN SURFACE TO MEET EXISTING GRADES (EXCEPT WHERE OTHERWISE NOTED ON THE PLANS). THE FINISHED SURFACE SHALL PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES, WITHOUT LOW SPOTS THAT COULD ALLOW THE PONDING OF SURFACE WATER.

Revision	By	Appd.	YY.MM.DD
2 ISSUED FOR TOWN PERMITTING	CMD	DBS	17.09.21
1 ISSUED TO CLIENT FOR REVIEW	CMD	DBS	17.09.14

File Name: hampden_me_base	CDD	DBS	DBS	17.09.14
	DWN.	CHKD.	DSGN.	DATE

Permit-Seal

STATE OF MAINE
Darrin B. Sherman
15118
9/21/17
LICENSED
PROFESSIONAL ENGINEER

Client/Project
HANNAFORD BROS. CO., LLC

HANNAFORD SUPERMARKET
SITE IMPROVEMENTS
77 WESTERN AVENUE, HAMPDEN, ME
STORE #8417

PB File Copy

Town of Hampden
RECEIVED
SEP 25 2017
Code Enforcement Office

Title
OVERALL SITE PLAN

Project No. 195350106

Scale 1" = 25'

Sheet
1 OF 3

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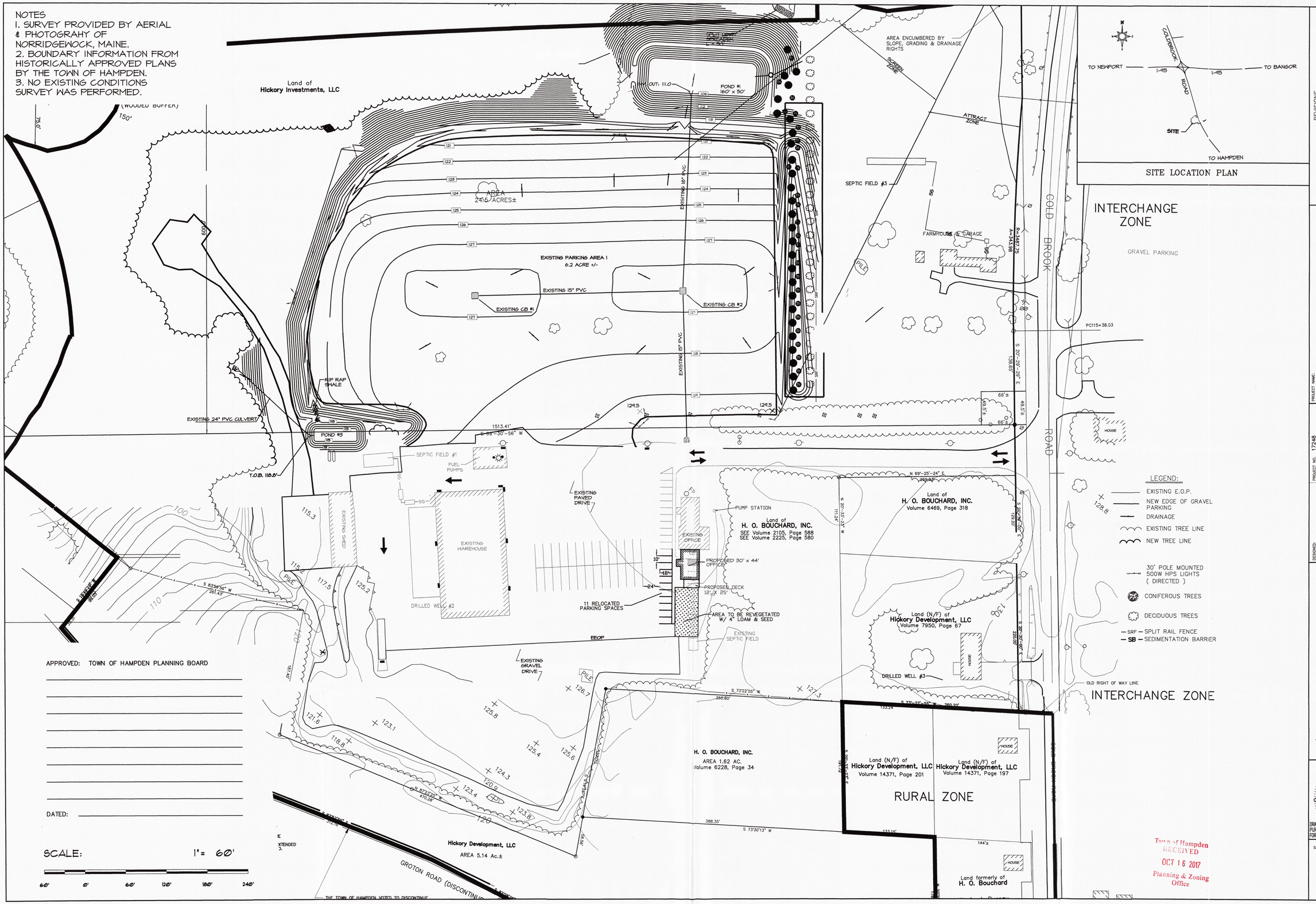
NOTES
1. SURVEY PROVIDED BY AERIAL & PHOTOGRAHY OF NORRIDGEWOCK, MAINE.
2. BOUNDARY INFORMATION FROM HISTORICALLY APPROVED PLANS BY THE TOWN OF HAMPDEN.
3. NO EXISTING CONDITIONS SURVEY WAS PERFORMED.



APPROVED: TOWN OF HAMPDEN PLANNING BOARD

DATED:

SCALE: 1" = 60'

60' 0' 60' 120' 180' 240'

Town of Hampden
RECEIVED
OCT 16 2017
Planning & Zoning Office

REVISIONS

NO.	DATE	DESCRIPTION	DRAWN	APPD.
1	10/16/17	RESPONSE TO TOWN STAFF REVIEW COMMENTS	ASY	SEB

PROJECT NAME: H.O. BOUCHARD PROPERTY OFFICE EXPANSION
HAMPDEN MAINE
SHEET NAME: OVERALL SITE PLAN

PROJECT NO. 17248
DRAWING NO.
FIELDBOOK:
SCALE:
DATE ISSUED:
DESIGNED:
DRAWN:
CHECKED:
APPROVED:
PLAN DATE:
CLIENT & OWNER: H.O.BOUCHARD PO BOX 249 HAMPDEN, MAINE 04444

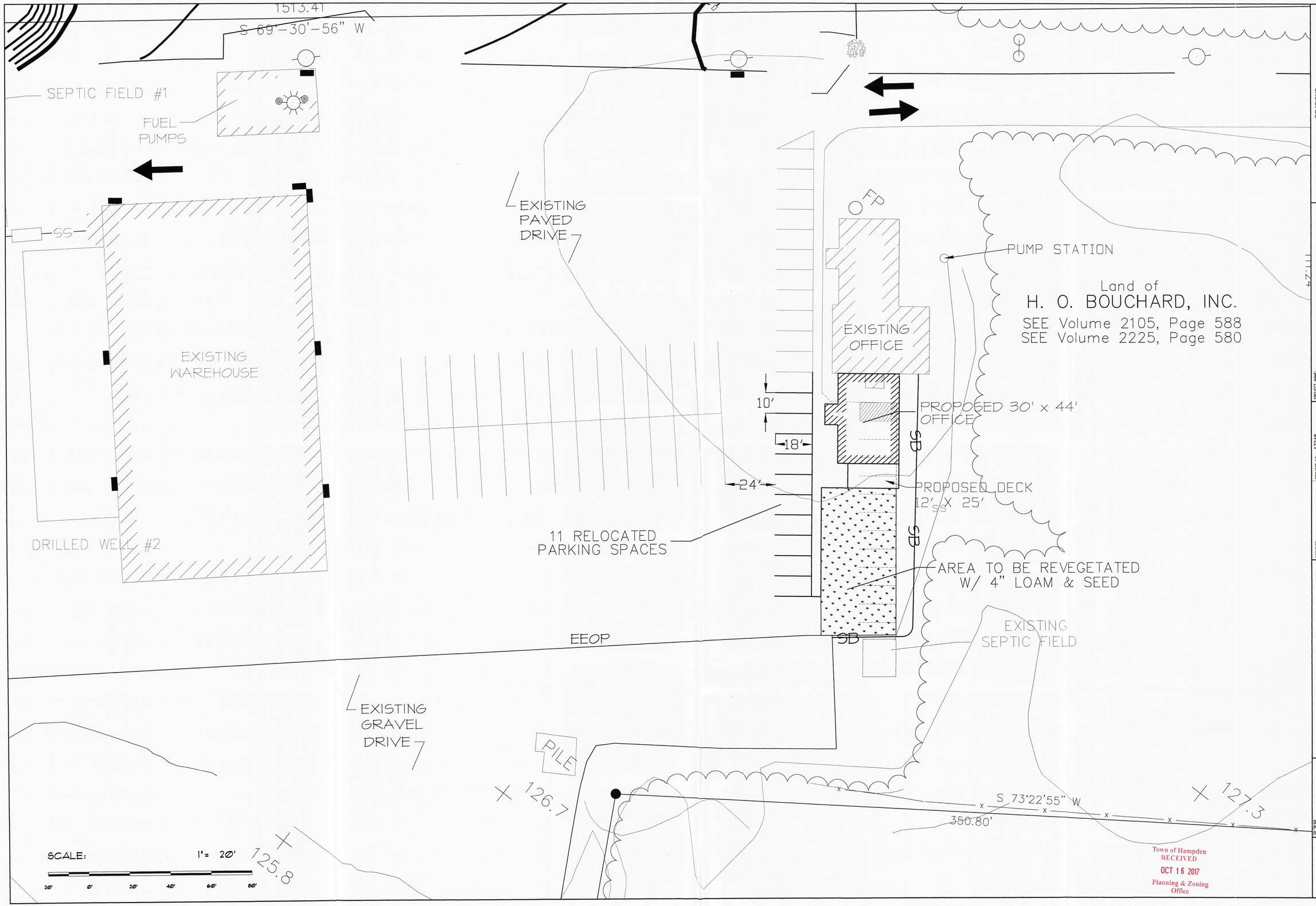
Plymouth Engineering, Inc.
P.O. Box 46 30 Lower Detroit Road
Plymouth, Maine 04969
Tel: (207) 269-2073 Fax: (207) 257-2130
Email: plymouthengineering@gmail.com
www.plymouthengineering.com

STATE OF MAINE
SCOTT E. BRAILEY
10-16-17
LICENSED
PROFESSIONAL ENGINEER

DRAWINGS NOT SEALED ARE FOR PLANNING PURPOSES ONLY AND ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION

SHEET 1 OF 3

C1



Town of Hampden
RECEIVED
OCT 16 2017
Planning & Zoning Office

REVISIONS

NO.	DATE	DESCRIPTION	DRAWN	APPD.
1	10/16/17	RESPONSE TO TOWN STAFF REVIEW COMMENTS	ASY	SEB

PROJECT NAME: H.O. BOUCHARD PROPERTY OFFICE EXPANSION
HAMPDEN MAINE
SHEET NAME: LAYOUT PLAN

PROJECT NO. 17248
DRAWING NO.
FIELDBOOK:
SCALE:
DATE ISSUED:
DESIGNED:
DRAWN:
CHECKED:
APPROVED:
PLAN DATE:
CLIENT & OWNER: H.O.BOUCHARD PO BOX 249 HAMPDEN, MAINE 04444

Plymouth Engineering, Inc.
P.O. Box 46 30 Lower Detroit Road
Plymouth, Maine 04969
Tel: (207) 257-2071 Fax: (207) 257-2130
info@plymouthengineering.com
www.plymouthengineering.com

STATE OF MAINE
SCOTT R. BRAILEY
No. 6227
LICENSED
PROFESSIONAL ENGINEER

DRAWINGS NOT SEALED ARE FOR PLANNING PURPOSES ONLY AND ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION

SHEET 2 OF 3

C2

EROSION AND SEDIMENT CONTROL PLAN

Pre-Construction Phase
A person who conducts, or causes to be conducted, an activity that involves filling, displacing or exposing soil or other earthen materials shall take measures to prevent unreasonable erosion of soil or sediment beyond the project site or into a protected natural resource as defined in 38 MRSA § 480-B. Erosion control measures must be in place before the activity begins. Measures must remain in place and functional until the site is permanently stabilized. Adequate and timely temporary and permanent stabilization measures must be taken. The site must be maintained to prevent unreasonable erosion and sedimentation. Minimize disturbed areas and protect natural downgradient buffer areas to the extent practicable.

BMP Construction Phase
A. Sediment barriers. Prior to the beginning of any construction, properly install sediment barriers at the edge of any downgradient disturbed area and adjacent to any drainage channels within the proposed disturbed area. Maintain the sediment barriers until the disturbed area is permanently stabilized.

B. Construction entrance: Prior to any clearing or grubbing, a construction entrance shall be constructed at the intersection with the proposed access drive and the existing roadway to avoid tracking of mud, dust and debris from the site.

C. Riprap: Since riprap is used where erosion potential is high, construction must be sequenced so that the riprap is put in place with the minimum delay. Disturbance of areas where riprap is to be placed should be undertaken only when final preparation and placement of the riprap can follow immediately behind the initial disturbance. Where riprap is used for outlet protection, the riprap should be placed before or in conjunction with the construction of the pipe or channel so that it is in place when the pipe or channel begins to operate. Maintain temporary riprap, such as temporary check dams until the disturbed area is permanently stabilized.

D. Temporary stabilization. Stabilize with temporary seeding, mulch, or other non-erodable cover any exposed soils that will remain unworked for more than 14 days except, stabilize areas within 100 feet of a wetland or waterbody within 7 days or prior to a predicted storm event, whichever comes first. If hay or straw mulch is used, the application rate must be 2 bales (70-90 pounds) per 1000 sf or 1.5 to 2 tons (90-100 bales) per acre to cover 75 to 90% of the ground surface. Hay mulch must be kept moist or anchored to prevent wind blowing. An erosion control blanket or mat shall be used at the base of grassed waterways, steep slopes (15% or greater) and on any disturbed soil within 100 feet of lakes, streams and wetlands. Grading shall be planned so as to minimize the length of time between initial soil exposure and final grading. On large projects this should be accomplished by phasing the operation and completing the first phase up to final grading and seeding before starting the second phase, and so on.

E. Vegetated waterway. Upon final grading, the disturbed areas shall be immediately seeded to permanent vegetation and mulched and will not be used as outlets until a dense, vigorous vegetative cover has been obtained. Once soil is exposed for waterway construction, it should be immediately shaped, graded and stabilized. Vegetated waterways need to be stabilized early during the growing season (prior to September 15). If final seeding of waterways is delayed past September 15, emergency provisions such as sod or riprap may be required to stabilize the channel. Waterways should be fully stabilized prior to directing runoff to them.

Permanent Stabilization Defined
A. Seeded areas. For seeded areas, permanent stabilization means an 90% cover of the disturbed area with mature, healthy plants with no evidence of washing or rilling of the topsoil.

B. Sodded areas. For sodded areas, permanent stabilization means the complete binding of the sod roots into the underlying soil with no stumping of the sod or die-off.

C. Permanent mulch. For mulched areas, permanent mulching means total coverage of the exposed area with an approved mulch material. Erosion control mix may be used as mulch for permanent stabilization according to the approved application rates and limitations.

D. Riprap. For areas stabilized with riprap, permanent stabilization means that slopes stabilized with riprap have an appropriate backing of a well-graded gravel or approved geotextile to prevent soil movement from behind the riprap. Stone must be sized appropriately. It is recommended that angular stone be used.

E. Agricultural use. For construction projects on land used for agricultural purposes (E.G., pipelines across crop land), permanent stabilization may be accomplished by returning the disturbed land to agricultural use.

F. Paved areas. For paved areas, permanent stabilization means the placement of the compacted gravel subbase is completed.

G. Ditches, channels, and swales. For open channels, permanent stabilization means the channel is stabilized with mature vegetation at least three inches in height, with well-graded riprap, or with another non-erosive lining capable of withstanding the anticipated flow velocities and flow depths without reliance on check dams to slow flow. There must be no evidence of slumping of the lining, undercutting of the banks, or down-cutting of the channel.

General Construction Phase
The following erosion control measures shall be followed by the contractor throughout construction of this project:

A. All topsoil shall be collected, stockpiled, seeded with rye at 3 pounds/1,000 sf and mulched, and reused as required. Silt fencing shall be placed down gradient from the stockpiled loam. Stockpile to be located by designation of the owner and inspecting engineer.

B. The inspecting engineer at his/her discretion, may require additional erosion control measures and/or supplemental vegetative provisions to maintain stability of earthworks and finish graded areas. The contractor shall be responsible for providing and installing any supplemental measures as directed by the inspecting engineer. Failure to comply with the engineer's directions will result in discontinuation of construction activities.

C. Erosion control mesh shall be applied in accordance with the plans over all finish seeded areas as specified on the design plans.

D. All graded or disturbed areas including slopes shall be protected during clearing and construction in accordance with the approved erosion and sediment control plan until they are adequately stabilized.

E. All erosion, and sediment control practices and measures shall be constructed, applied and maintained in accordance with the approved erosion and sediment control plan.

F. Areas to be filled shall be cleared, grubbed and stripped of topsoil to remove trees, vegetation, roots or other objectionable materials.

G. Areas shall be scarified to a minimum depth of 3 inches prior to placement of topsoil.

H. All fills shall be compacted as required to reduce erosion, slippage, settlement, subsidence or other related problems. Fill intended to support buildings, structures and conduits, etc., shall be compacted in accordance with local requirements or codes.

I. All fills shall be placed and compacted in layers not to exceed 8 inches in thickness.

J. Except for approved landfills or non-structural fills, fill material shall be free of brush, rubbish, rocks, logs, stumps, building debris and other objectionable materials that would interfere with or prevent construction of satisfactory lifts.

K. Frozen material or soft, mucky or highly compressible materials shall not be incorporated into fill slopes or structural fills.

L. Fill shall not be placed on a frozen foundation.

M. Seeps or springs encountered during construction shall be handled appropriately.

N. All graded areas shall be permanently stabilized immediately following finished grading.

O. Remove any temporary control measures, such as silt fence, within 30 days after permanent stabilization is attained. Remove any accumulated sediments and stabilize.

Permanent Vegetation
Permanent vegetative cover should be established on disturbed areas where permanent, long lived vegetative cover is needed to stabilize the soil, to reduce damages from sediment and runoff, and to enhance the environment.

Seedbed Preparation
A. Grade as feasible to permit the use of conventional equipment for seedbed preparation, seeding, mulch application and anchoring, and maintenance.

B. Apply limestone and fertilizer according to soil tests such as those offered by the University of Maine soil testing laboratory. Soil sample mailers are available from the local cooperative extension service office. If soil testing is not feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 800 pounds per acre or 18.4 pounds per 1,000 square feet using 10-20-20 (n-p2o5-k2o) or equivalent. Apply ground limestone (equivalent to 50% calcium plus magnesium oxide) at a rate of 3 tons per acre (138 lb. Per 1,000 sq. Ft).

C. Work lime and fertilizer into the soil as nearly as practical to a depth of 4 inches with a disc, spring tooth harrow or other suitable equipment. The final harrowing operation should be on the general contour. Continue tillage until a reasonably uniform, fine seedbed is prepared. All but clay or silty soils and coarse sands should be rolled to firm the seedbed wherever feasible.D. Remove from the surface all stones 2 inches or larger in any dimension. Remove all other debris, such as wire, cable, tree roots, concrete, clods, lumps or other unsuitable material.

E. Inspect seedbed just before seeding. If traffic has left the soil compacted; the area must be tilled and firmed as above.

F. Permanent seeding should be made 45 days prior to the first killing frost or as a dormant seeding with mulch after the first killing frost and before snowfall. When crown vetch is seeded in later summer, at least 35% of the seed should be hard seed (unscarified). If seeding cannot be done within the seeding dates, mulch according to the temporary mulching BMP and overwinter stabilization and construction to protect the site and delay seeding until the next recommended seeding period.

G. Following seed bed preparation, swale areas, fill areas and back slopes shall be seeded at a rate of 3 lbs./1,000 s.F. With a mixture of 35% creeping red h. Fescue, 6% red top, 24% Kentucky bluegrass, 10% perennial ryegrass, 20% annual ryegrass and 5% white Dutch clover.

I. Areas which have been temporarily or permanently seeded shall be mulched immediately following seeding.

J. Areas which cannot be seeded within the growing season shall be mulched for over-winter protection and the area should be seeded at the beginning of the growing season.

Winter Construction Phase
If an area is not stabilized with temporary or permanent measures by November 15, then the site must be protected with additional stabilization measures.

A. Permanent stabilization consists of at least 90% vegetation, pavement/gravel base or riprap.

B. Do not expose slopes or leave slopes exposed over the winter or for any other extended time of work suspension unless fully protected with mulch.

C. Apply hay mulch at twice the standard rate (150 lbs. Per 1,000 sf). The mulch must be thick enough such that the ground surface will not be visible and must be anchored.

D. Use mulch and mulch netting or an erosion control mulch blanket or all slopes greater than 8 % or other areas exposed to direct wind.

E. Install an erosion control blanket in all drainageways (bottom and sides) with a slope greater than 3 %.

F. See the vegetation measures for more information on seeding dates and types.

G. Winter excavation and earthwork shall be completed so that no more than 1 acre of the site is without stabilization at any one time.

H. An area within 100 feet of a protected natural resource must be protected with a double row of sediment barrier.

I. Temporary mulch must be applied within 7 days of soil exposure or prior to any storm event, but after every workday in areas within 100 feet from a protected natural resource.

J. Areas that have been brought to final grade must be permanently mulched that same day.

K. If snowfall is greater than 1 inch (fresh or cumulative), the snow shall be removed from the areas due to be seeded and mulched.

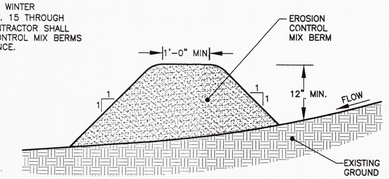
L. Loam shall be free of frozen clumps before it is applied.

M. All vegetated ditch lines that have not been stabilized by November 1, or will be worked during the winter construction period, must be stabilized with an appropriate stone lining backed by an appropriate gravel bed or geotextile unless specifically released from this standard by the department.

Maintenance and Inspection Phase
A. Contractor shall inspect disturbed and impervious areas, and erosion and stormwater control measures, areas used for storage that are exposed to precipitation, and locations where vehicles enter or exit the parcel at least once a week and before and after a storm event, prior to completion of permanent stabilization. A person with knowledge of erosion and stormwater must conduct the inspection. This person must be identified in the inspection log. If best management practices (BMPs) need to be modified or if additional BMPs are necessary, implementation must be completed within 7 calendar days and prior to any storm event (rainfall). All measures must be maintained in effective operating condition until areas are permanently stabilized.

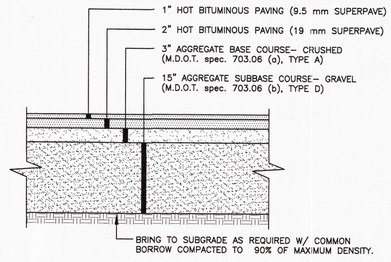
B. A log (report) must be kept summarizing the scope of the inspection, name(s) and qualifications of the personnel making the inspection, the date(s) of the inspection, and major observations relating to operation of erosion and sedimentation controls and pollution prevention measures. Major observations must include: BMPs that need to be maintained; location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location; and location(s) where additional BMPs are needed that did not exist at the time of inspection. Follow-up to correct deficiencies or enhance controls must also be indicated in the log and dated, including what action was taken and when.

NOTE:
DURING PERIODS OF WINTER CONSTRUCTION (NOV. 15 THROUGH APRIL 15), THE CONTRACTOR SHALL INSTALL EROSION CONTROL MIX BERMS IN LIEU OF SILT FENCE.



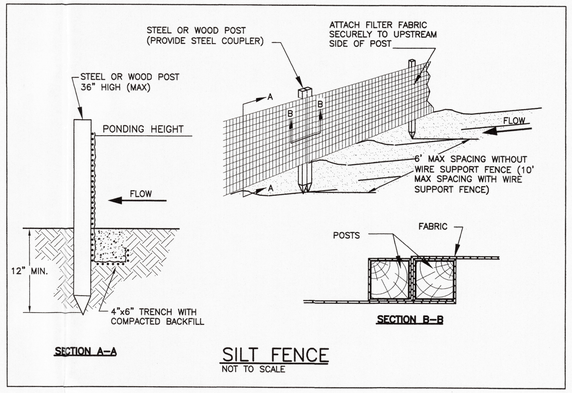
EROSION CONTROL MIX:
EROSION CONTROL MIX SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES & MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH. THE MIX COMPOSITION SHALL MEET THE FOLLOWING STANDARDS:
- THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 80% - 100% DRY WEIGHT BASIS
- PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MINIMUM OF 70%, MAXIMUM OF 85% PASSING A 0.75" SCREEN
- THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED
- LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- SOLUBLE SALTS CONTENT SHALL BE < 4.0 mmhos/cm.
- ph SHALL FALL BETWEEN 5.0 - 8.0.

EROSION CONTROL MIX BERM
NOT TO SCALE



NOTES:
1. COMPACT GRAVEL SUBBASE COURSE TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
2. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

TYP. PAVED PARKING LOT SECTION
NOT TO SCALE



SILT FENCE
NOT TO SCALE

CONSTRUCTION NOTES:

1. All work shall conform to the applicable codes and ordinances.

2. Contractor shall visit the site and familiarize him or herself with all conditions affecting the proposed work and shall make provisions as to the cost thereof. Contractor shall be responsible for familiarizing him or herself with all contract documents, field conditions and dimensions and confirming that the work may be accomplished as shown prior to proceeding with construction. Any discrepancies shall be brought to the attention of the engineer prior to the commencement of work.

3. Contractor shall notify engineer of all products or items noted as "existing" which are not found in the field.

4. Install all equipment and materials in accordance with manufacturer's recommendations and owner's requirements unless specifically otherwise indicated or where local codes or regulations take precedence.

5. Contractor shall verify all dimensions and conditions in the field prior to fabrication and erection of any material. Any unusual conditions shall be reported to the attention of the engineer.

6. Contractor shall clean and remove debris and sediment deposited on public streets, sidewalks, adjacent areas, or other public ways due to construction.

7. Contractor shall incorporate provisions as necessary in construction to protect existing structures, physical features, and maintain site stability during construction. Contractor shall restore all areas to original condition and as directed by design drawings.

8. Site contractor shall obtain all required permits prior to construction.

9. All erosion and sediment control measures shall be installed in accordance with "Maine Erosion and Sedimentation Control Handbook for Construction: Best Management Practices" published by the Cumberland County Soil and Water Conservation District and Maine Department of Environmental Protection, March 2004 or latest edition. It shall be the responsibility of the contractor to possess a copy of the erosion control plan at all times.

10. The contractor is hereby cautioned that all site features shown hereon are based on field observations by the surveyor and by information provided by utility companies. The information is not to be relied on as being exact or complete. The contractor shall contact Dig Safe (1-888-digsafe) at least three (3) but not more than thirty (30) days prior to commencement of excavation or demolition to verify horizontal and vertical location of all utilities.

11. Contractor shall be aware that Dig Safe only notifies its "member" utilities about the dig. When notified, Dig Safe will advise contractor of member utilities in the area. Contractor is responsible for identifying and contacting non-member utilities directly. Non-member utilities may include town or city water and sewer districts and small local utilities, as well as USG public works systems.

12. Contractors shall be responsible for compliance with the requirements of 23 MRSA 3360-A. It shall be the responsibility of the contractor to coordinate with the appropriate utilities to obtain authorization prior to relocation of any existing utilities which conflict with the proposed improvements shown on these plans. If a utility conflict arises, the contractor shall immediately notify the owner, the municipality and appropriate utility company prior to proceeding with any relocation.

13. All pavement markings and directional signage shown on the plan shall conform to the Manual of Uniform Traffic Control Devices (MUTCD) standards.

14. All pavement joints shall be sawcut prior to paving to provide a durable and uniform joint.

15. No holes, trenches or structures shall be left open overnight in any excavation accessible to the public or in public rights-of-way.

16. All work within the public right-of-way shall require a M.D.O.T. Permit as well as permits from the town as applicable.

17. The proposed limits of clearing shown hereon are approximate based upon the proposed limits of site grading. The applicant reserves the right to perform normal forest management activities outside of the clearing limit as shown. Tree removal outside of the limits of clearing may be necessary to remove dead or dying trees or tree limbs. This removal is due to potential safety hazards and to promote proper forest growth.

18. Immediately upon completion of cuts/fills, the contractor shall stabilize disturbed areas in accordance with erosion control notes and as specified on plans.

19. The contractor shall be fully and solely responsible for the removal, replacement and rectification of all damaged and defective material and workmanship in connection with the contract work. The contractor shall replace or repair as directed by the owner all such damaged or defective materials which appear within a period of one year from the date of substantial completion.

20. All work performed by the general contractor and/or trade subcontractor shall conform to the requirements of local, state or federal laws, as well as any other governing requirements, whether or not specified on the drawings.

21. Where the terms "approved equal", "other approved", "equal to", "acceptable" or other general qualifying terms are used in these notes, it shall be understood that reference is made to the ruling and judgment of the owner and/or owner's engineer.

22. The general contractor shall provide all necessary protection for the work until turned over to the owner.

23. The general contractor shall maintain a current and complete set of construction drawings on site during all phases of construction for use of all trades.

24. The contractor shall take full responsibility for any changes and deviation of approved plans not authorized by the architect/engineer and/or client/owner.

25. Details are intended to show end result of design. Any modification to suit field dimension and condition shall be submitted to the engineer for review and approval prior to any work.

26. Before the final acceptance of the project, the contractor shall remove all equipment and materials, repair or replace private or public property which may have been damaged or destroyed during construction, clean the areas within and adjacent to the project which have been obstructed by his/her operations, and leave the project area neat and presentable.

REVISIONS

NO.	DATE	DESCRIPTION	DRAWN	APPD.
1	10/16/17	RESPONSE TO TOWN STAFF REVIEW COMMENTS	AST	SEB

PROJECT NAME: H.O. BOUCHARD PROPERTY OFFICE EXPANSION
HAMPDEN MAINE
SHEET NAME: EROSION & SEDIMENTATION CONTROL DETAILS

DESIGNED: Client	PROJECT NO. 17248
DRAWN: RGM	DRAWING NO. 15215-PP
CHECKED: JHW	FIELDBOOK:
APPROVED: JHW	SCALE:
PLAN DATE: FEB. 23, 2016	DATE ISSUED: MONTH, DAY, YEAR

CLIENT & OWNER:
H.O.BOUCHARD
PO BOX 249
HAMPDEN, MAINE 04444

Plymouth Engineering, Inc.
P.O. Box 46 30 Lower Detroit Road
Plymouth, Maine 04969
Tel: (207) 257-2030 Fax: (207) 257-2130
info@plymouthengineering.com
www.plymouthengineering.com

STATE OF MAINE SCOTT A. BRALEY No. 6237 LICENSED PROFESSIONAL ENGINEER

DRAWINGS NOT SIGNED AND SEALED FOR PLANNING PURPOSES ONLY AND ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION

SHEET 3 OF 3

C3

Oct 16, 2017 - 8:06am
J:\2017\17248 - HO Bouchard Site Plan - Hampden - Carter Architectural Design, LLC\U. Drawings\CIVIL\2016 DETAIL TEMPLATE.dwg

14-01

Land of
ERDT REALTY
Volume 4511, Page 133

RESOURCE PROTECTION ZONE

SHAW BROOK

WATER QUALITY BUFFER AREA (WOODED BUFFER)

150'

30'

300.0'

S 00°-20'-30" E

SPLIT LEVEL SPREADER L = 30'

RIP RAP SWALE

(25) MAPLE TREES

AREA ENCUMBERED BY SLOPE, GRADING & DRAINAGE RIGHTS

SCREEN ZONE

COLD BROOK

CONTROL STRUCTURE 6' DIA ORIFICE CREST HT.: + 4'-0" ORIFICE INV. 105.5'

POND #1 160' x 50'

INV. OUT: 111.0

RIP RAP SWALE

EMERGENCY SPILLWAY

RIP RAP SWALE

ATTRACT ZONE

WATER QUALITY BUFFER AREA (WOODED BUFFER)

150'

LEVEL SPREADER L = 20'

20'

75.0'

CONTROL STRUCTURE 9' DIA ORIFICE CREST HT.: + 4'-0" ORIFICE INV. 103.5'

RIP RAP APRON L = 6' W = 6' d50 = 6"

Land of
H. O. BOUCHARD, INC.
Volume 6517, Page 95

TRAILER PARKING TYP.

AREA 24.5 ACRES±

PROPOSED PARKING AREA II
1 ACRE +/-

600.0'

TRACTOR PARKING AREA

PROPOSED PARKING AREA I
6.2 ACRE +/-

18" PVC L = 300' S = 0.02

21'-6"

LANDSCAPED BERM TO PROVIDE SCREENING OF PARKING WITHOUT ATTRACTING ATTENTION TO THE SCREENING - SEE DTL SHEET C8

FARMHOUSE & GARAGE

BOUCHARD RD. R.O.W. VARIES

INTERCHANGE ZONE

GRAVEL PARKING

15" PVC L = 300' S = 0.005

NEW CB #1
RIM: 126.5
INV. OUT: 120
SUMP: 118

NEW CB #2
RIM: 126.5
INV. IN: 117.5
INV. IN: 116.0
INV. OUT: 117.5
SUMP: 115.5

15" PVC L = 220' S = 0.04

200' - 4"

(27) BALSAM FIR

(27) WHITE PINE

20' TYP.

304' - 6"

135' - 3"

331' - 6"

124.5

PC115+38.03

RIP RAP OUTLET PROTECTION L = 6' W = 4' d50 = 6"

RIP RAP SWALE

NEW 24" PVC CULVERT INV. OUT: 106

POND #3

CONTROL STRUCTURE 7' DIA ORIFICE CREST HT.: + 4'-0" ORIFICE INV. 114.5'

T.O.B. 116.8'

RIP RAP L = 4' W = 4' d50 = 4"

HAYBALE INLET PROTECTION

FUEL PUMPS

TRAILER PARKING

VISITOR PARKING

EXISTING PAVED DRIVE

EXISTING WAREHOUSE

EXISTING SHED

BUILDING SITE LIGHTING TYP.

30' x 130' Proposed addition

DRILLED WELL #2

INTERCHANGE ZONE

EXISTING OFFICE

OFFICE EMPLOYEE PARKING

Land of
H. O. BOUCHARD, INC.
Volume 6469, Page 318

Land of
H. O. BOUCHARD, INC.
SEE Volume 2105, Page 588
SEE Volume 2225, Page 580

Land (N/F) of
Norma Bouchard
(Volume 2838, Page 169

HOUSE

DRILLED WELL #3

OLD RIGHT OF WAY LINE

INTERCHANGE ZONE

GRAVEL DRIVE

EMPLOYEE & TRUCKER PARKING

EXISTING GRAVEL DRIVE

TRAILER PARKING

SEPTIC FIELD #2

EMPLOYEE & TRUCKER PARKING

S 73°22'55" W 260.20'

S 83°34'56" W 261.43'

S 18°26'-8" E 98.05'

N 69°-25'-24" E 249.43'

N 22°-33'-37" W 142.11'

N 18°26'-8" W 157.31'

LEGEND:

- EXISTING E.O.P.
- NEW EDGE OF GRAVEL PARKING
- DRAINAGE
- EXISTING TREE LINE
- NEW TREE LINE
- 30' POLE MOUNTED 500W HPS LIGHTS (DIRECTED)
- CONIFEROUS TREES
- DECIDUOUS TREES
- SRF — SPLIT RAIL FENCE

NOTE:
PARKING LAYOUT OF NEW PARKING IS FOR REFERENCE ONLY. ACTUAL CONFIGURATION MAY VARY.

SCALE: 1" = 60'

60' 0' 60' 120' 180' 240'

File name: 98023.dwg date plotted: 5-18-99

REVISIONS

NO.	DATE	DESCRIPTION	DRAWN	APPR.
1	3-22-99	MDEP SUBMISSION		
2	3-31-99	DEP / TOWN REVIEW		
3	5-04-99	DEP REVIEW		
4	5-18-99	FINAL REVIEW		
5	11/2000	Building Addition		

H.O. BOUCHARD
BUILDING ADDITION

PROJECT NAME

LAYOUT PLAN

SHEET NAME

PROJECT NO: 98023
DWG. NO: 98023.dwg
FIELD BOOK: N/A
SCALE: AS SHOWN
DATE ISSUED: March 04, 1999

DESIGNED: KJRW
DRAWN: TNG / KPW
CHECKED: KPW
APPROVED: KPW

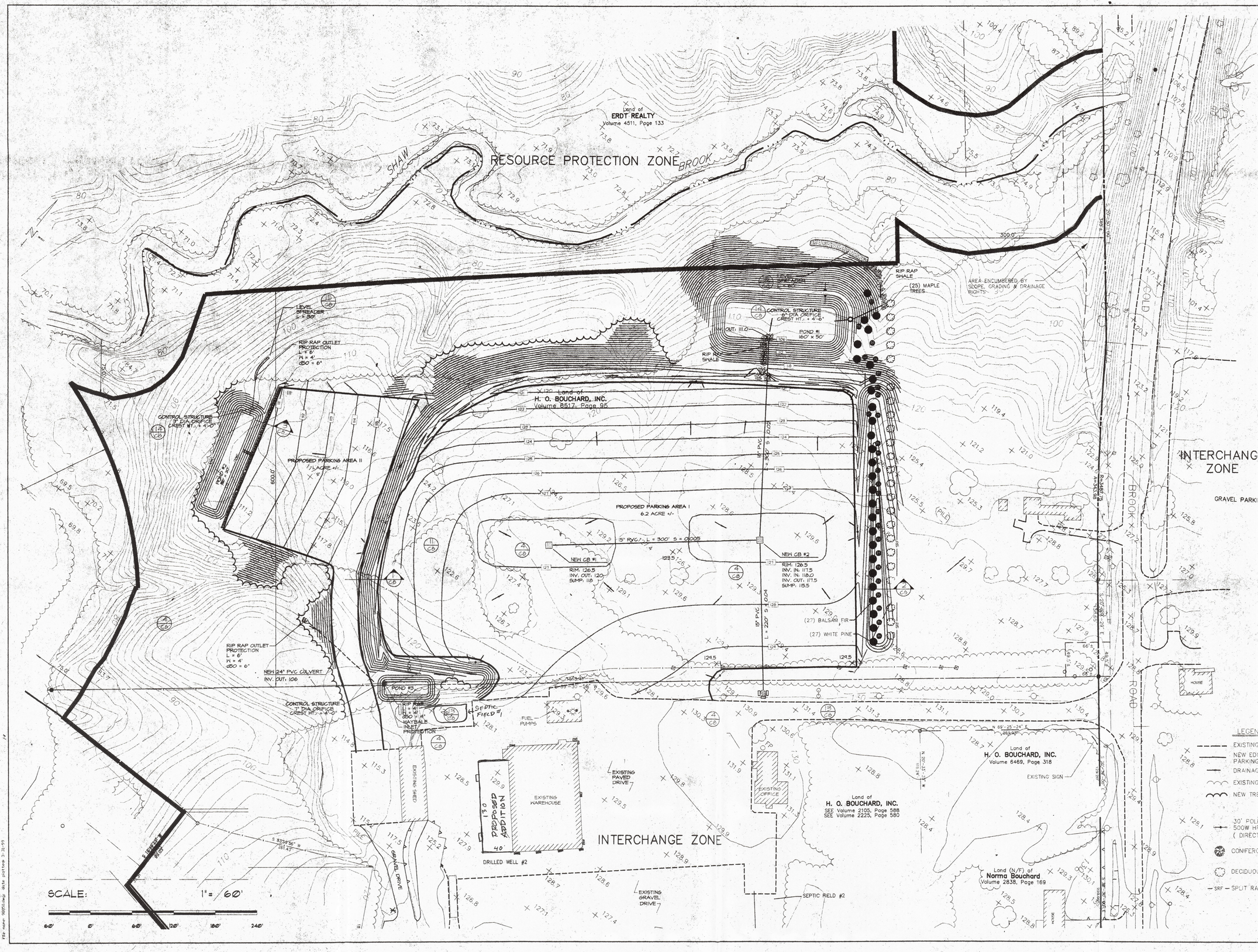
PLAN DATE: March 04, 1999
CLIENT: H.O. BOUCHARD
COLD BROOK ROAD
HAMPDEN, MAINE

MOYSE ENVIRONMENTAL SERVICES
Real Estate Appraising, Feasibility Studies, Permitting
42 Pleasant Star Avenue, Hampden, Maine 04444
Telephone: (207) 862-6179

Plymouth Engineering, Inc.
Land Developments & Building Design Consultants
P.O. Box 48 in Detroit Road
Plymouth, Maine 04969
Tel: (207) 257-2100
Fax: (207) 257-2171
pei@midmaine.net

SITE PLAN
APPROVED
5/10/2000

1 of 2



REVISIONS			
NO.	DATE	DESCRIPTION	DRAWN APP'D
1	2-26-99	MDEP SUBMISSION	
2	3-31-99	DEP / TOWN REVIEW	
3	11/2000	BUILDING ADDITION	

PROJECT NAME: H. O. BOUCHARD BUILDING ADDITION

SHEET NAME: GRADING PLAN

PROJECT NO. 98023
DRAWING NO. 98023.dwg
FIELDBOOK N/A
SCALE AS SHOWN
DATE ISSUED December 18, 1998

DESIGNED KPM
DRAWN TYG / KPM
CHECKED KPM
APPROVED

PLAN DATE: December 18, 1998
CLIENT: H.O. BOUCHARD
OLD BROOK ROAD
HAMPDEN, MAINE

MOYSE ENVIRONMENTAL SERVICES
Soil and Site Consulting
Wetland Delineations & Permitting
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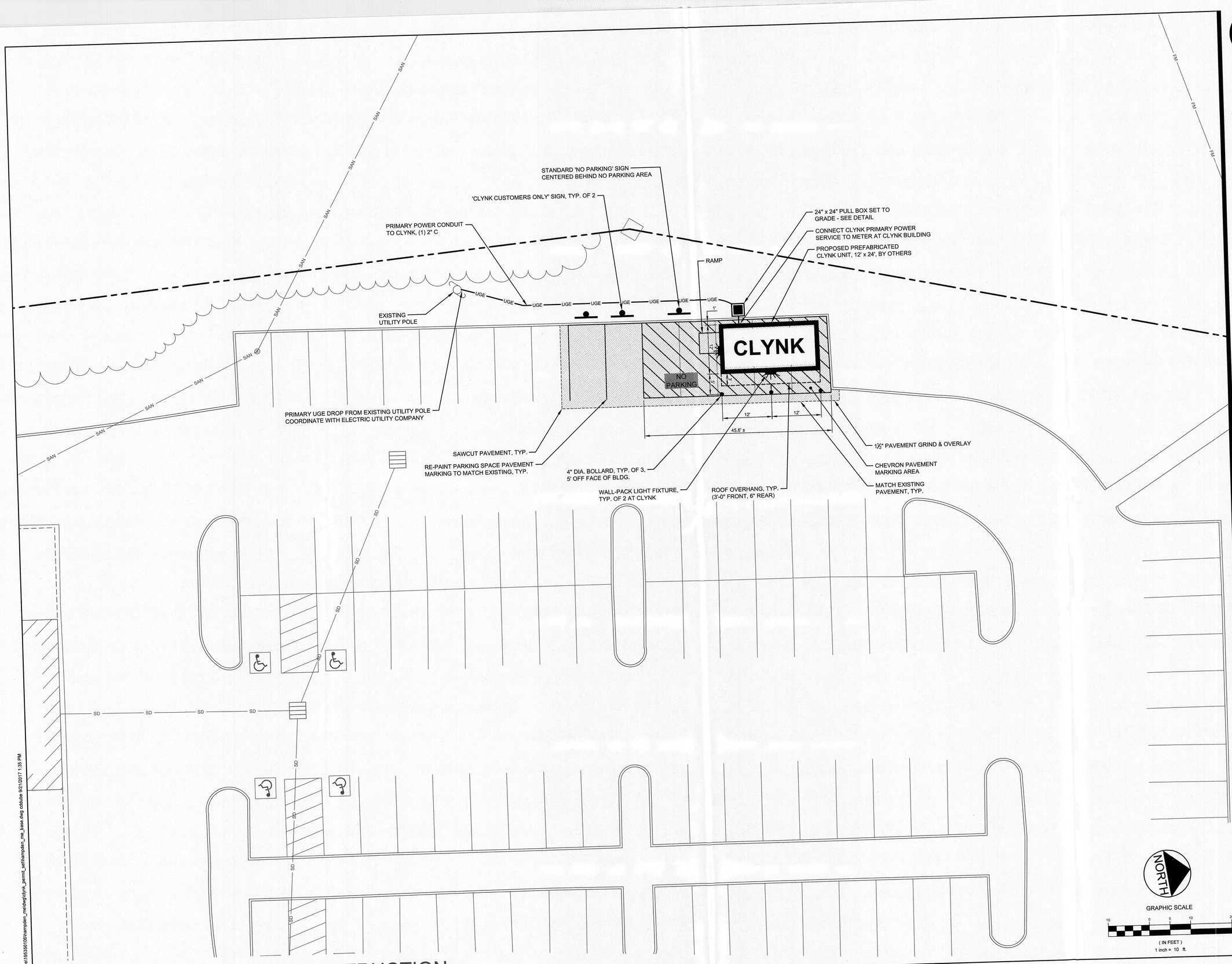
Tel: (207) 581-2071

Plymouth Engineering, Inc.
Land Development & Building Design Consultants
Plymouth Building, Main Street
Plymouth, Maine 04969
Tel: (207) 581-2071 Fax: (207) 581-2071
pe@bigoxygen.net

APPROVED

2 of 2

FILE name: 98PDL.dwg date plotted 3-31-99



PRELIMINARY - NOT FOR CONSTRUCTION

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Stantec

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Notes

1. EXISTING CONDITIONS DEPICTED ON THIS PLAN ARE BASED UPON PREVIOUS GROUND SURVEY, PREVIOUS DESIGN / CONSTRUCTION PLANS & CURRENT AERIAL IMAGERY.
2. THE SCOPE OF WORK DEPICTED ON THIS PLAN IS ASSOCIATED WITH THE ADDITION OF A FREESTANDING BOTTLE REDEMPTION UNIT (CLYNK).
2. THE HANNAFORD PARCEL IS LOCATED WITHIN THE ZONING BUSINESS B DISTRICT.
3. SIGNAGE SHALL COMPLY WITH THE LAND USE CODE.
4. ALL MATERIALS AND INSTALLATION TO BE IN ACCORDANCE WITH THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (2014) & STANDARD DETAIL SHEETS.
5. ALL STRIPING AND SIGNAGE TO BE IN ACCORDANCE WITH MUTCD STANDARDS.
6. THE PAVEMENT SHALL BE GRADED TO PROVIDE A SMOOTH EVEN SURFACE TO MEET EXISTING GRADES (EXCEPT WHERE OTHERWISE NOTED ON THE PLANS). THE FINISHED SURFACE SHALL PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES, WITHOUT LOW SPOTS THAT COULD ALLOW THE PONDING OF SURFACE WATER.

Revision	By	Appd.	YY.MM.DD
2 ISSUED FOR TOWN PERMITTING	CUD	DBS	17.09.21
1 ISSUED TO CLIENT FOR REVIEW	CUD	DBS	17.09.14

File Name: hampden_me_base	CDD	DBS	DBS	17.09.14
	DWN.	CHKD.	DSGN.	DATE

Permit-Seal

STATE OF MAINE
Darrin B.
5118
9/21/17
LICENSED
PROFESSIONAL ENGINEER

Client/Project
HANNAFORD BROS. CO., LLC

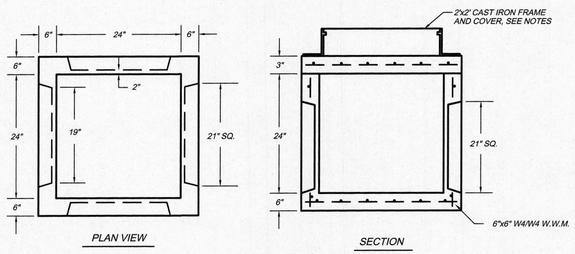
HANNAFORD SUPERMARKET
SITE IMPROVEMENTS
77 WESTERN AVENUE, HAMPDEN, ME
STORE #8417

Title
PROPOSED CLYNK SITE PLAN

Project No. 195350106

Scale 1" = 10'

Sheet
2 OF 3



NOTES:

1. JUNCTION BOX SHALL BE DESIGNED TO COMPLY WITH NATIONAL ELECTRICAL SAFETY CODE SECTION 323A. PROVIDE SHOP DRAWINGS STAMPED BY AN ENGINEER LICENSED IN THE STATE OF MAINE UPON REQUEST.
2. JUNCTION BOX AND SLAB SHALL BE SET ON A SUITABLE GRAVEL BASE.
3. FRAME AND LID SHALL BE NEENAH R-6662-RH OR APPROVED EQUAL.

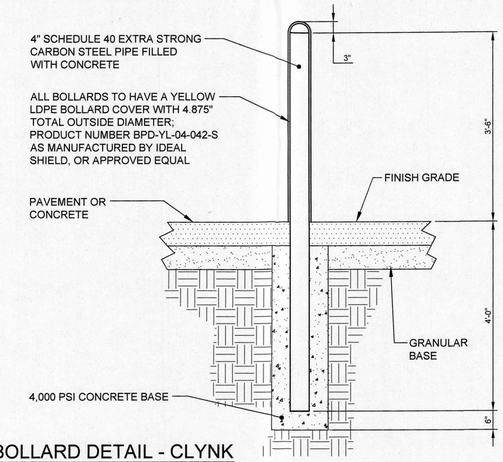
NOTES :
** CONCRETE TO TEST 4000 PSI @ 28 DAYS*
** WEIGHTS :*
SPLICE BOX - 1,755 LBS.
TOP SLAB - 340 LBS. (3" THICK)
** CAST IRON FRAME & COVER ALSO AVAILABLE, SQUARE COVER N1878 A6L*

(A) 24" x 24" PULL BOX
N.T.S.

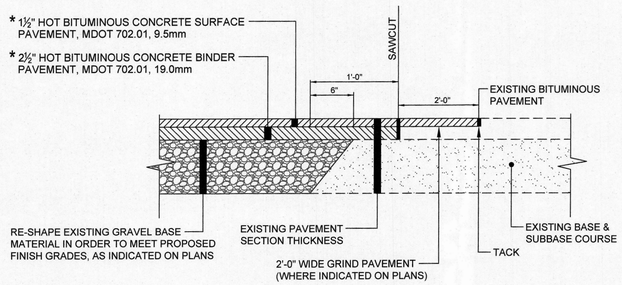
NOTES:

1. ALL TRAFFIC PAVEMENT MARKINGS TO BE SOLID PAINT MEETING MDOT AND MUTCD STANDARDS, AS PER DIMENSIONS SHOWN. OVERALL CHEVRON AREA DIMENSIONS TO BE AS SHOWN ON THE SITE PLAN.
2. PAINT COLOR TO MATCH EXISTING PAINT.

(D) CHEVRON PAINT DETAIL
N.T.S.



(G) PIPE BOLLARD DETAIL - CLYNK
N.T.S.

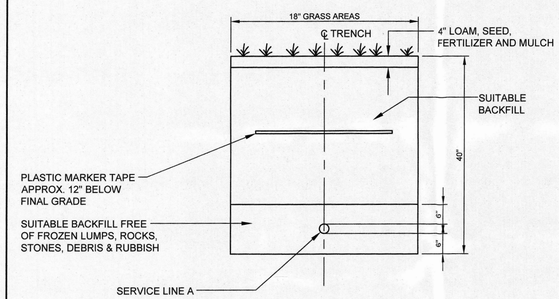


* BITUMINOUS CONCRETE PAVEMENT (SURFACE AND BINDER) SHALL BE 4" TOTAL THICKNESS OR THE EXISTING PAVEMENT THICKNESS, WHICH EVER IS LARGER.

NOTES:

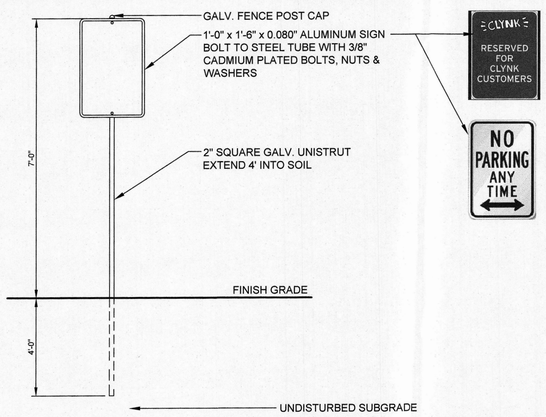
1. APPLY TACK COAT BETWEEN BINDER AND SURFACE COURSES.
2. ALL MATERIALS SHALL CONFORM TO MDOT SPECIFICATIONS, LATEST REVISION.
3. COMPACTION OF ALL MATERIALS TO BE IN ACCORDANCE WITH MDOT RECOMMENDATIONS.

(B) PAVEMENT REMOVAL, RE-GRADE & REPAVEMENT AREA DETAIL
N.T.S.

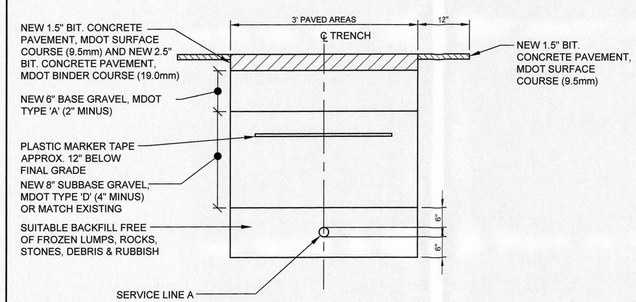


CONDUIT TYPE			
SERVICE	CONDUIT SIZE	CONDUIT TYPE	UTILITY
A	2"	SCHEDULE 80 PVC TO CLYNK	POWER

(E) UTILITY TRENCH - GRASS AREAS SECONDARY ELECTRIC
N.T.S.



(C) 'CLYNK' OR 'NO PARKING' STANDARD PARKING SIGN
N.T.S.



CONDUIT TYPE			
SERVICE	CONDUIT SIZE	CONDUIT TYPE	UTILITY
A	2"	SCHEDULE 80 PVC TO CLYNK	POWER

NOTE: UTILITY TRENCH THROUGH BITUMINOUS SIDEWALK TO MATCH BITUMINOUS SIDEWALK DETAIL.

(F) UTILITY TRENCH - PAVED AREAS SECONDARY ELECTRIC
N.T.S.

PRELIMINARY - NOT FOR CONSTRUCTION

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DETAILS

Project No. 195350106

Scale N.T.S.

Sheet
3 OF 3