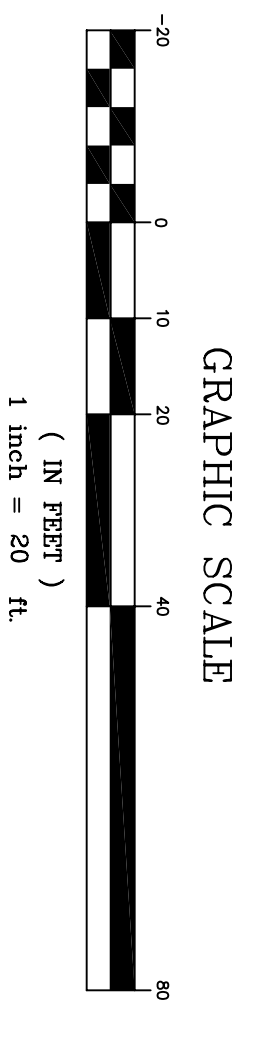
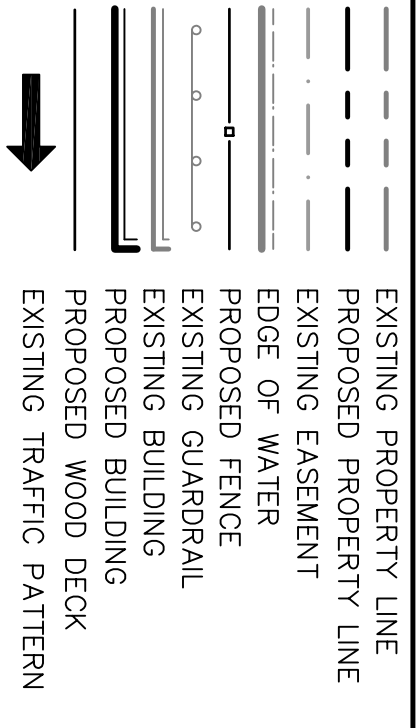
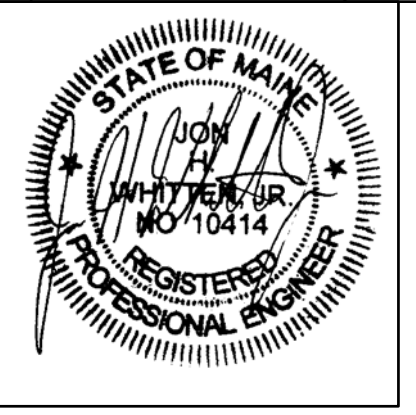
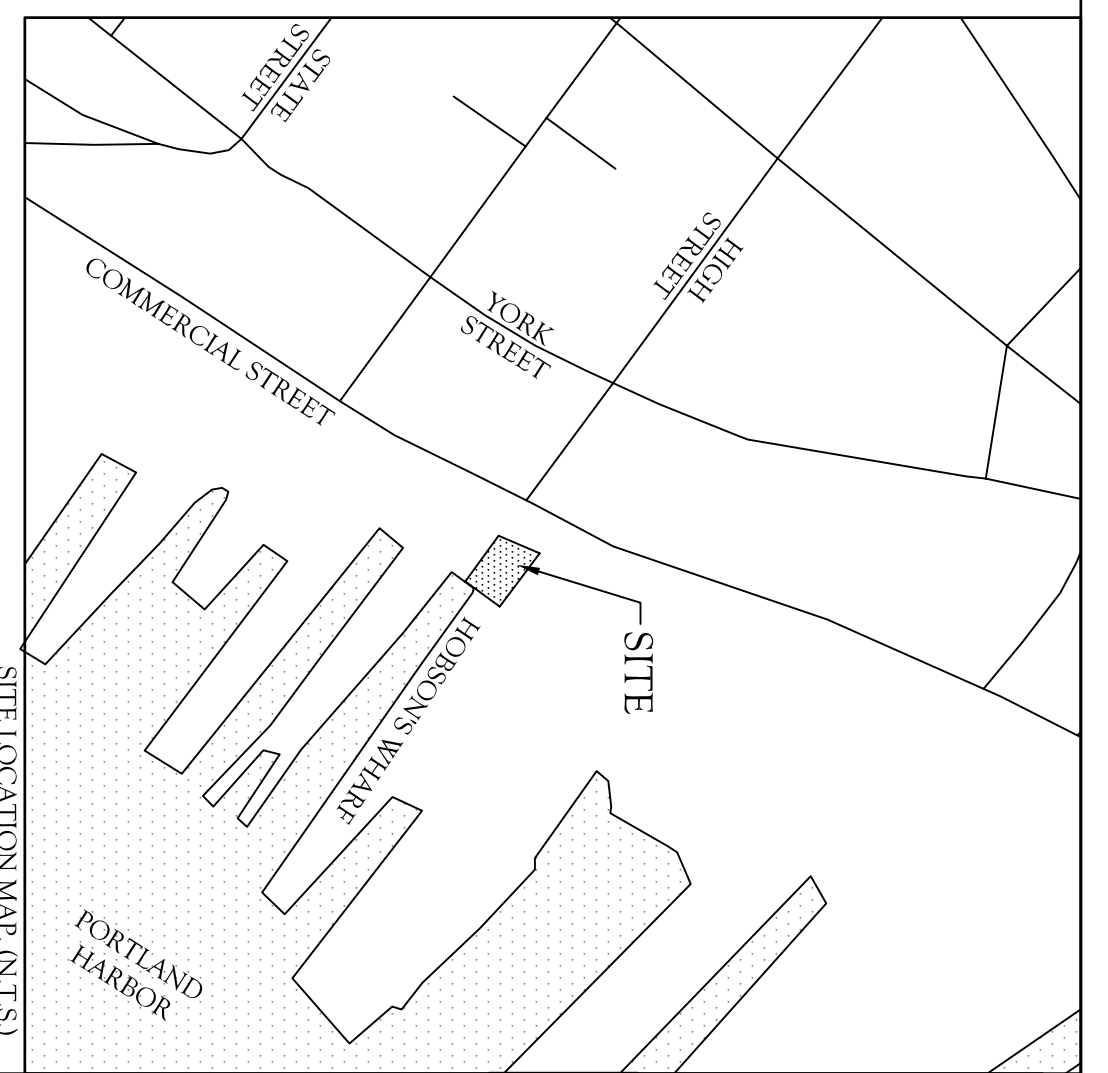


LEGEND



GENERAL NOTES:

1. APPLICANT: BECK'S DINER
390 COMMERCIAL STREET
PORTLAND, ME 04104
2. RECORD OWNER: REBECCA B. RAND
3 PINE GROVE STREET
FALMOUTH, ME 04105
3. DEED REFERENCE: BOOK 11318, PAGE 136
4. TAX ASSESSORS REFERENCE: MAP 42, LOT D-4
5. PLAN REFERENCES
A. PLAN ENTITLED "FIRST FLOOR PLANS" FOR BECK'S DINER CREATED BY ARCHETYPE, P.A. ARCHITECTS WHICH HAS EXISTING CONDITIONS BASED UPON A PLAN ENTITLED "SECOND REVISED AMENDED SITE AND SUBDIVISION PLAN, HOBSON'S WHARF COMMERCIAL STREET PORTLAND" PRODUCED BY OWEN HASKELL, INC., SOUTH PORTLAND, ME, AND RECORDED IN THE CUMBERLAND COUNTY REGISTRY OF DEEDS BOOK 193, PAGE 164 ON JUNE 28, 1993.
6. TOTAL LOT AREA: 91,374 +/- S.F.
7. ZONING DISTRICT: WATERFRONT CENTRAL ZONE (WCZ)
8. SPACE AND BULK CRITERIA:
MIN. STREET FRONTAGE: NONE
MIN. FRONT YARD: NONE
MIN. SIDE YARD: NONE
MIN. REAR YARD: NONE
MAX. BUILDING HEIGHT: 45'
9. BUILDING SUMMARY:
TOTAL BUILDING EXIST: 1,800 S.F. (ONE STORY)
TOTAL BUILDING EXIST: 9,000 S.F.
TOTAL BUILDING EXIST: 2,000 S.F.
TOTAL ADDITION: 2,900 S.F.
TOTAL BUILDING PROPOSED: 4,700 S.F.
10. PARKING SPACE REQUIREMENTS:
REQUIRED: 16
PROPOSED: 12 OWNED, 7 LEASED, TOTAL 19
11. THE FACILITY IS SERVICED BY CITY SEWER, WATER, GAS, UNDERGROUND ELECTRIC, TELEPHONE AND CABLE.
12. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF THE IMPROVEMENTS HEREIN SHALL CONFORM TO THE CURRENT CITY CONSTRUCTION STANDARDS AND SPECIFICATIONS AND/OR CURRENT M.D.O.T. STANDARDS AND SPECIFICATIONS.
13. THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE CITY OF PORTLAND PARKS AND PUBLIC WORKS INSPECTION SERVICES DIVISION IN WRITING THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION (874-8300 EXT. 8838). SHOULD THE IMPROVEMENTS BE OF SIGNIFICANT CONCERN OR IN A SENSITIVE AREA, A PRE-CONSTRUCTION MEETING MAY BE REQUIRED AT THE DISCRETION OF THE PUBLIC WORKS AUTHORITY.
14. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION.
15. WARNING SIGNS, MARKERS, BARRICADES OR FLAGMEN, APPROPRIATE FOR THE TYPE OF CONSTRUCTION MUST BE EMPLOYED TO REGULATE TRAFFIC.
16. CONSTRUCTION DEBRIS SHALL BE CONTAINERIZED AND DISPOSED OF IN ACCORDANCE WITH CITY OF PORTLAND'S SOLID WASTE ORDINANCE CHAPTER 12.
17. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE DEVELOPER/CONTRACTOR AT THEIR EXPENSE.
18. PROPERTY MARKERS AND STREET LINE MONUMENTS SHALL BE PROPERLY PROTECTED AT ALL TIMES DURING CONSTRUCTION TO INSURE THEIR INTEGRITY. IF DISTURBED THEY SHALL BE REPLACED BY A SURVEYOR REGISTERED IN THE STATE OF MAINE AT THE CONTRACTOR/DEVELOPER'S EXPENSE.
19. ALL SANITARY SERVICES AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARDS AND SPECIFICATIONS OF THE CITY OF PORTLAND PARKS AND PUBLIC WORKS SENIOR DIVISION.
20. ALL NEW CONNECTIONS, RECONNECTIONS, ETC. TO SANITARY OR STORM SEWERS SHALL REQUIRE A CONNECTION PERMIT PRIOR TO BEGINNING ANY WORK. THE CITY OF PORTLAND PARKS AND PUBLIC WORKS DEPARTMENT MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO COMMENCEMENT TO ALLOW FOR INSPECTION.
21. A PERMIT MUST BE OBTAINED FROM THE CITY OF PORTLAND PARKS AND PUBLIC WORKS DEPARTMENT PRIOR TO BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
22. THE ENTIRE SITE SHALL BE DEVELOPED AND/OR MAINTAINED AS DEPICTED ON THE SITE PLAN. APPROVAL OF THE PLANNING AUTHORITY OR PLANNING BOARD SHALL BE REQUIRED FOR ANY ALTERATIONS TO OR DEVIATIONS FROM THE APPROVED SITE PLAN, INCLUDING, WITHOUT LIMITATION, TOPOGRAPHY, DRAINAGE, LANDSCAPING, RETENTION OF WOODED OR LAWN AREAS, ACCESS SIZE, LOCATION AND SURFACING OF PARKING AREAS, AND LOCATION AND SIZE OF BUILDINGS.



NO.	DATE	REVISIONS	APP'D BY
4	11-07-06	ADDED GRANITE CURBING TO THE DESIGN	JHW
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TERRADYN CONSULTANTS L.L.C.
LAND PLANNING • STORMWATER DESIGN • ENVIRONMENTAL PERMITTING

P.O. BOX 339
NEW GLOUCESTER, ME 04260
phone: (207) 272-7571
email: TERRADYN@MAINE.RR.COM

SHEET DESCRIPTION
BECK'S DINER EXPANSION
390 COMMERCIAL STREET
PORTLAND, ME 04104

SITE PLAN

PREPARED FOR RECORD OWNER:
REBECCA RAND
3 PINE GROVE STREET
FALMOUTH, ME 04105

JOB NO. 0635
DATE 07/19/06
SCALE 1"=30'

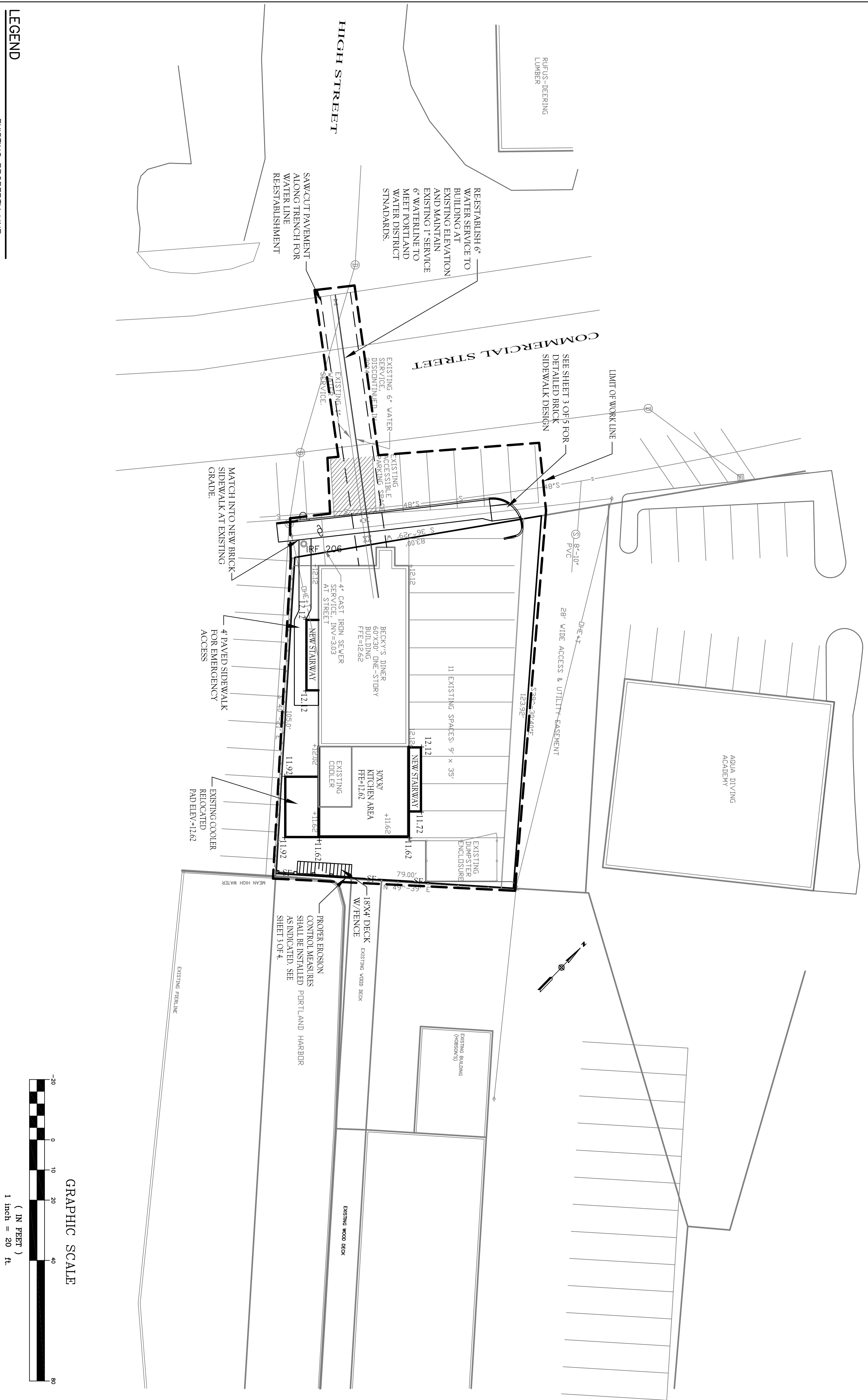
SHEET 1 OF 5

GENERAL NOTES

1. THE EXISTING FINISHED FLOOR ELEVATION AS WELL AS THE MEAN HIGH WATER MARK ARE BASED ON SURVEY DATA PROVIDED BY OWEN HASKELL SURVEYORS. ALL OTHER SPOT GRADES ARE ESTIMATED AND ARE INTENDED TO ILLUSTRATE THE MATCH-IN OF THE NEW STRUCTURES WITH THE ORIGINAL GROUND. THE ACTUAL ELEVATION OF THE MATCH-IN MAY CHANGE FROM THIS PLAN. ANY DEVIATION FROM THE PROPOSED GRADES ON THIS PLAN WILL BE MINOR IN NATURE AND WILL NOT CHANGE THE OVERALL IMPACT OF THIS DEVELOPMENT ON THE PROJECT SITE OR ABUTTING PROPERTIES.
2. ALL EXISTING UTILITIES ARE APPROXIMATE BASED ON PLANS ENTITLED "COMMERCIAL STREET DRAINAGE AND TRAFFIC IMPROVEMENTS PREPARED BY THE CITY OF PORTLAND, MAINE, PUBLIC WORKS DEPARTMENT, ENGINEERING SECTION, DATED JANUARY, 2006.
3. CONTRACTOR SHALL ESTABLISH ACTUAL SIZE AND LOCATION OF ALL EXISTING UTILITIES DURING CONSTRUCTION TO VERIFY LOCATION OF PROPOSED UTILITY CONNECTIONS.
4. IT IS EXPECTED THAT THE RE-ESTABLISHMENT OF THE 6" WATER SERVICE TO THE BUILDING WILL INVOLVE TRENCH WORK WITHIN COMMERCIAL STREET, DEPENDING ON THE POINT AT WHICH THE CONNECTION WAS DISCONTINUED IN 2004.

CONSTRUCTION NOTES

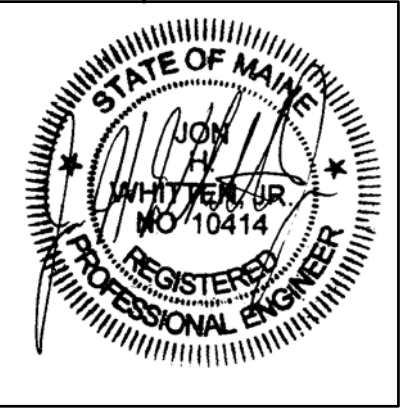
1. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS AND 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 VAYS DUE TO CONSTRUCTION.
7. CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING UTILITIES FROM DAMAGE. ALL FIELD NOTES AND SITE STAKES SHALL BE AS DIRECTED BY DESIGN. 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 DISTRICT AND MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 2003 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. CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 29 M.R.S.A. 3360-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AND HORIZONTAL PRIOR TO RELOCATION OF ANY UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES OF ANY RELOCATION 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.
11. IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.
12. INSTALL UNDERGROUND SERVICE IN SCHEDULE 40 PVC CONDUIT AT LOCATIONS WITHIN PAVED, GRAVEL, OR TRAFFIC AREAS.
13. ALL SEWER PIPE TO BE PVC SPR 35. ALL OTHER REQUIRED DRAINAGE PIPE SHALL BE CORRUGATED METAL PIPE OR REINFORCED CONCRETE PIPE.
14. PRIOR TO ANY CONSTRUCTION AT THE SITE, REPRESENTATIVES OF THE OWNER, SITE CONTRACTOR AND THE SITE DESIGN ENGINEER SHALL ARRANGE FOR AND MEET WITH THE DIRECTOR OF PUBLIC WORKS AND CITY ENGINEER TO DISCUSS THE SCHEDULING OF THE SITE CONSTRUCTION, ON OR BEFORE THAT MEETING, THE CONTRACTOR WILL PREPARE A DETAILED SCHEDULE AND MARKED-UP SITE PLAN INDICATING AREAS AND COMPONENTS OF THE WORK AND KEY DATES SHOWING DATE OF (OWNER SEDED AND) WILLOCHD) WITHIN FOURTEEN (14) DAYS. THE SCHEDULE SHALL INDICATE THOSE AREAS TO BE PROTECTED WITH TEMPORARY SEEDING/MULCH.
15. PRIOR TO CONSTRUCTION, THE SITE CONTRACTOR SHALL CONFIRM SETBACKS AND BUILDING DIMENSIONS WITH ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER AND OWNER OF ANY DIFFERENCES AFFECTING BUILDING OR SITE CONSTRUCTION.
16. ALL FILLS SHALL BE PLACED IN LAYERS NOT MORE THAN 12" LOOSE DEPTH AND COMPACTED BY HEAVY COMPACTION EQUIPMENT. MINIMUM COMPACTION SHALL BE 95% OF MAXIMUM DENSITY ASTM 1557 (MODIFIED), AND FIELD DENSITY ASTM D2922 (NUCLEAR METHODS).



LEGEND

- EXISTING PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- EDGE OF WATER
- PROPOSED FENCE
- EXISTING GUARDBAIL
- PROPOSED BUILDING
- PROPOSED STORMDRAIN
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING OVERHEAD ELECTRIC & TELEPHONE
- PROPOSED OVERHEAD ELECTRIC & TELEPHONE
- EXISTING UNDERGROUND ELECTRIC & TELEPHONE
- PROPOSED UNDERGROUND ELECTRIC & TELEPHONE
- EXISTING EDGE OF PAVEMENT
- PROPOSED EDGE OF PAVEMENT
- CHAIN LINK FENCE
- PROPOSED FENCE
- SILT FENCE
- PROPOSED VALVE
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- EXISTING DRAIN MANHOLE
- PROPOSED DRAIN MANHOLE
- EXISTING SEWER MANHOLE
- PROPOSED SEWER MANHOLE
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- DRAINAGE FLOW DIRECTION

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.



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BECK'S DINER EXPANSION
390 COMMERCIAL STREET
PORTLAND, ME 04104

GRADING/EROSION CONTROL

PREPARED FOR RECORD OWNER:
REBECCA RAND
3 PINE GROVE STREET
FALMOUTH, ME 04105

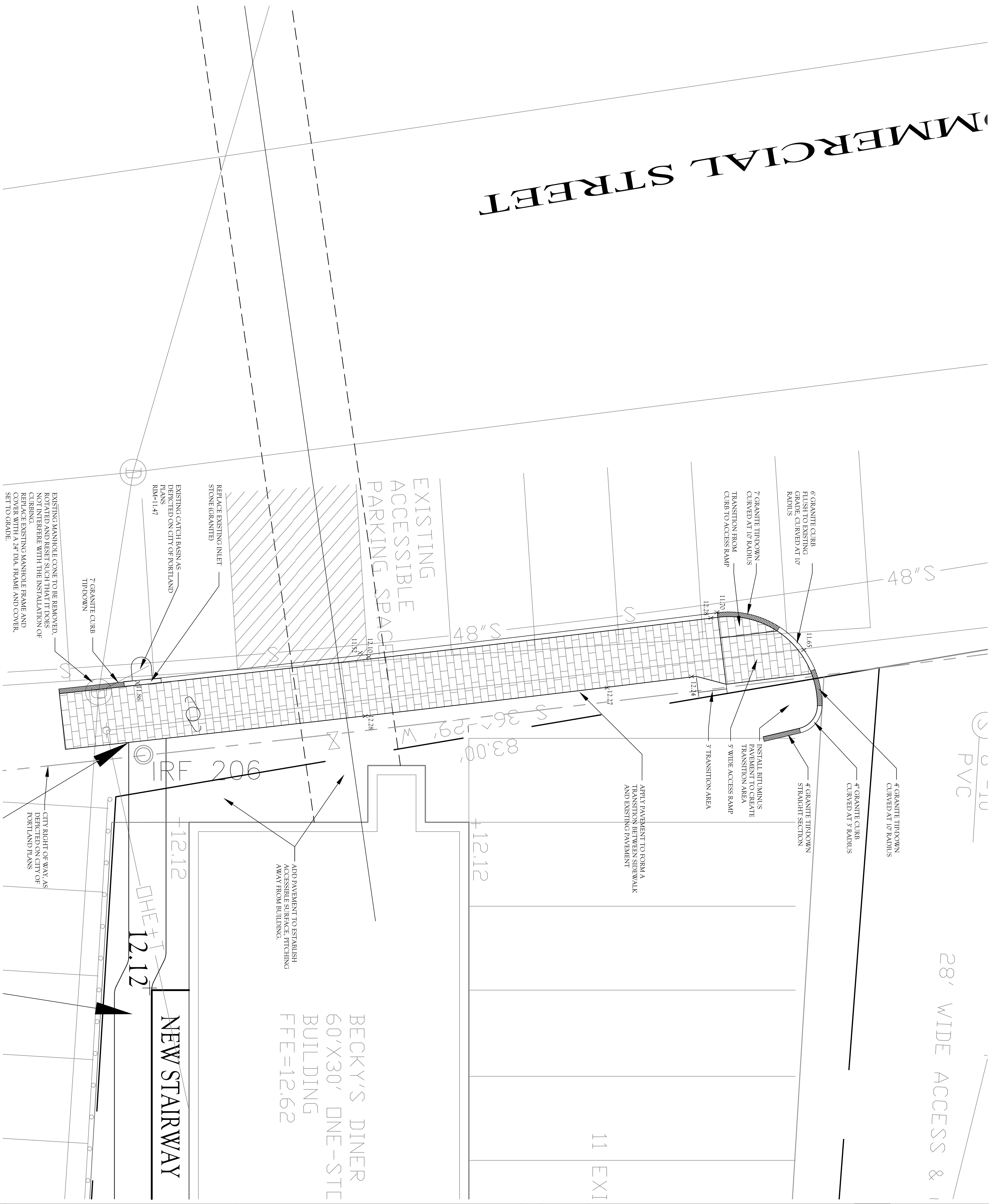
JOB NO. 0635
DATE 07.19.06
SCALE AS NOTED

SHEET 2 OF 5

COMMERCIAL STREET

PVC

28' WIDE ACCESS & 11 EXI



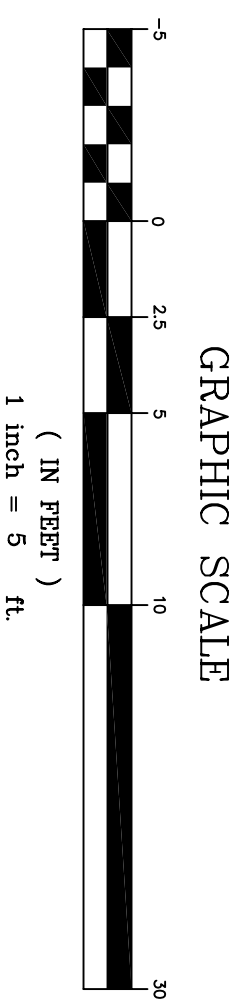
BECKY'S DINER
60'X30' ONE-STC
BUILDING
FFE=12.62

NEW STAIRWAY

EXISTING
ACCESSIBLE
PARKING SPACE

LEGEND

---	EXISTING PROPERTY LINE
- - -	PROPOSED PROPERTY LINE
---	EXISTING EASEMENT
---	EDGE OF WATER
---	PROPOSED FENCE
---	EXISTING GUARDRAIL
---	EXISTING BUILDING
---	PROPOSED BUILDING
---	EXISTING STORMDRAIN
---	PROPOSED STORMDRAIN
---	EXISTING SANITARY SEWER
---	PROPOSED SANITARY SEWER
---	EXISTING WATER LINE
---	PROPOSED WATER LINE
---	EXISTING GAS LINE
---	PROPOSED GAS LINE
---	EXISTING OVERHEAD ELECTRIC & TELEPHONE
---	PROPOSED OVERHEAD ELECTRIC & TELEPHONE
---	EXISTING UNDERGROUND ELECTRIC & TELEPHONE
---	PROPOSED UNDERGROUND ELECTRIC & TELEPHONE
---	EXISTING EDGE OF PAVEMENT
---	PROPOSED EDGE OF PAVEMENT
---	CHAIN LINK FENCE
---	PROPOSED FENCE
---	SILT FENCE
---	PROPOSED VALVE
---	EXISTING UTILITY POLE
---	PROPOSED UTILITY POLE
---	EXISTING CATCH BASIN
---	PROPOSED CATCH BASIN
---	EXISTING DRAIN MANHOLE
---	PROPOSED DRAIN MANHOLE
---	EXISTING SEWER MANHOLE
---	PROPOSED SEWER MANHOLE
---	EXISTING SPOT GRADE
---	PROPOSED SPOT GRADE
---	DRAINAGE FLOW DIRECTION



SHEET DESCRIPTION BECKY'S DINER EXPANSION 390 COMMERCIAL STREET PORTLAND, ME 04104 BRICK SIDEWALK PLAN		TERRADYN CONSULTANTS L.L.C. LAND PLANNING • STORMWATER DESIGN • ENVIRONMENTAL PERMITTING		NO. DATE REVISIONS		JHW JHW APPD BY	
JOB NO. 0635 DATE 01-19-07 SCALE 1"=5'	SHEET 3 OF 5	PREPARED FOR RECORD OWNER: REBECCA RAND 3 PINE GROVE STREET FALMOUTH, ME 04105	P.O. BOX 339 NEW GLOUCESTER, ME 04260 phone: (207) 272-7571 email: TERRADYN@MAINE.RR.COM	2 03-07-07 REVISED PER CITY REVIEW COMMENTS	1 01-19-07 SUBMITTED TO CLIENT FOR REVIEW	JHW JHW APPD BY	

EROSION CONTROL MEASURES

PRE-CONSTRUCTION PHASE

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS (SILT FENCE) WILL BE STAKED/INSTALLED ACROSS THE SLOPES, ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. THE PLACEMENT OF SEDIMENT BARRIERS SHALL BE COMPLETED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE BARRIERS THROUGHOUT THE CONSTRUCTION PERIOD. THIS NETWORK IS TO BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 85%-90% VEGROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DETAILED SCHEDULE AND MARKED UP PLAN INDICATING AREAS AND COMPONENTS OF THE WORK AND KEY DATES SHOWING DATE OF DISTURBANCE AND COMPLETION OF THE WORK. THE CONTRACTOR SHALL BE PROVIDED TO THE MUNICIPALITY THREE DAYS PRIOR TO THE SCHEDULED PRE-CONSTRUCTION MEETING. SPECIAL ATTENTION SHALL BE GIVEN TO THE 14 DAY LIMIT OF DISTURBANCE IN THE SCHEDULE ADDRESSING TEMPORARY AND PERMANENT VEGETATION MEASURES.

CONSTRUCTION AND POST-CONSTRUCTION PHASE

AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF MINERAL SOIL NECESSARY FOR PROGRESSIVE AND TEMPORARY CONSTRUCTION. EXPOSED AREAS SHALL BE PROTECTED FROM EROSION BY THE INSTALLATION OF EROSION CONTROL MATS, RIPRAP OR GRAVEL BASE ON A ROAD OPEN AREAS SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL AS SHOWN ON THE DESIGN PLANS AND AS DESCRIBED WITHIN THE EROSION CONTROL PLAN WITHIN 14-DAYS OF DISTURBANCE. AREAS LOCATED WITHIN 100' OF STREAMS SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL WITHIN SEVEN (7) DAYS. REFER TO WINTER EROSION CONTROL NOTES FOR THE TREATMENT OF OPEN AREAS AFTER 01 OCTOBER 1ST OF THE CONSTRUCTION YEAR.

THE CONTRACTOR MUST INSTALL ANY ADDED MEASURES WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDING UPON THE TOPOGRAPHY AND WEATHER CONDITIONS. ALL MEASURES SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA IS PROTECTED FROM EROSION BY THE INSTALLATION OF EROSION CONTROL MEASURES.

THE PLACEMENT OF EROSION CONTROL MEASURES SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND DETAILS IN THE PLAN SET.

1. TEMPORARY MULCHING:

ALL DISTURBED AREAS SHALL BE MULCHED WITH MATERIALS SPECIFIED BELOW PRIOR TO ANY STORM EVENT. ALL DISTURBED AREAS NOT MULCHED IMMEDIATELY FOLLOWING SEEDING. EROSION CONTROL BLANKETS ARE RECOMMENDED TO BE USED AT THE BASE OF GRASSED WATERWAYS AND ON SLOPES GREATER THAN 15%. MULCH ANCHORING SHOULD BE USED ON SLOPES GREATER THAN 5% AFTER SEPTEMBER 15TH OF THE CONSTRUCTION YEAR (SEE WINTER EROSION CONTROL NOTES).

HAY OR STRAW SHALL BE APPLIED AT A RATE OF 75 LBS./1,000 S.F. (1.5 TONS PER ACRE).

EROSION CONTROL MIX SHALL BE PLACED EVENLY AND MUST PROVIDE 100% SOIL COVERAGE.

SILT FENCE SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE EFFECTIVE HEIGHT OF THE FENCE SHALL NOT EXCEED 36 INCHES. SUCH THAT THE THICKNESS ON SLOPES 3:1 OR LESS IS 2 INCHES PLUS 1/2" INCH PER 50 FEET OF SLOPE UP TO 100 FEET. THIS SHALL NOT BE USED ON SLOPES GREATER THAN 2:1.

EROSION CONTROL BLANKET SHALL BE INSTALLED SUCH THAT CONTINUOUS CONTACT BETWEEN THE MAT AND THE SOIL IS OBTAINED. INSTALL BLANKETS AND STRAPLE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

3. NATURAL RESOURCES PROTECTION:

STORAGES OF SOIL OR SORBOL SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 75 LBS./1,000 S.F. (1.5 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF WOOD WASTE EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH HAY OR STRAW) WITHIN 100 FEET FROM ANY NATURAL RESOURCES.

4. SEDIMENT BARRIERS:

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS SHALL BE STAKED ACROSS THE SLOPES, ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. SEDIMENT BARRIERS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 85%-90% VEGROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION.

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HAY BALESS SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. BALESS SHALL BE WERE-BOUND OR STRUNG-TIED AND THESE BINDINGS SHALL BE INSTALLED WITHIN A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BALESS THOROUGHLY ABUTTING ONE ANOTHER.

EROSION CONTROL MIX SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE MIX SHALL CONSIST PRIMARILY OF ORGANIC MATERIALS WITH A MINIMUM OF 75% ORGANIC MATERIALS. THE MIX COMPOSITION SHALL MEET THE STANDARDS DESCRIBED WITHIN THE MDP BEST MANAGEMENT PRACTICES. NO TRENCHING IS REQUIRED FOR INSTALLATION OF THIS BARRIER.

CONTINUOUSLY CONTAINED BERM SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THIS SEDIMENT BARRIER IS EROSION CONTROL MIX WHICH IS PROTECTED BY A SYNTHETIC TUBULAR NETTING AND PERFORMS AS A STUDY SEDIMENT BARRIER THAT WORKS WELL ON HARD GROUND SUCH AS FROZEN CONDITIONS, TRAVELED AREAS OR PAVEMENT. NO TRENCHING IS REQUIRED FOR INSTALLATION OF THIS BARRIER.

5. DUST CONTROL:

DUST CONTROL DURING CONSTRUCTION SHALL BE ACHIEVED BY THE USE OF WATER. PERIODICALLY SPRINKLING THE EXPOSED CONSTRUCTION AREAS AS NECESSARY TO REDUCE DUST DURING THE DRY MONTHS. APPLYING OTHER DUST CONTROL PRODUCTS SUCH AS CALCIUM CHLORIDE OR OTHER MANUFACTURED PRODUCTS ARE ALLOWED IF AUTHORIZED BY THE PROPER LOCAL, STATE AND/OR FEDERAL REGULATING AGENCIES. HOWEVER, IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO MINIMIZE DUST AND SOIL LOSS FROM THE SITE.

6. PERMANENT VEGETATION:

REVEGETATION MEASURES SHALL COMENCE IMMEDIATELY UPON COMPLETION OF FINAL GRADING OF AREAS TO BE LOANED AND SEEDS TO THE APPLICATION OF SEED SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. PLEASE REFER TO THE WINTER EROSION CONTROL NOTES FOR MORE DETAIL. REVEGETATION MEASURES SHALL CONSIST OF THE FOLLOWING:

7. TRENCH DEWATERING AND TEMPORARY STREAM DIVERSION

WATER FROM CONSTRUCTION TRENCH DEWATERING OR TEMPORARY STREAM DIVERSION WILL PASS FIRST THROUGH A FILTER BAG OR OTHER EROSION CONTROL MEASURES TO PREVENT EROSION. THE DISCHARGE SITE SHALL BE SELECTED TO AVOID FLOODING, LONG AND SEDIMENT DISCHARGES TO A PROTECTED RESOURCE. IN NO CASE SHALL THE FILTER BAG OR CONTAINMENT STRUCTURE BE LOCATED WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE.

SEEDING PREPARATION:

A. FOUR (4) INCHES OF LOAM SHALL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE. LOAM SHALL BE SPREAD OVER EITHER GROUNDWATER OR SURFACE WATER.

B. SOIL TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE FERTILIZATION REQUIREMENTS. SOIL TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE NUTRIENT DEFICIENCIES. SOIL TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE pH. SOIL TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE SALINITY. SOIL TESTS SHALL BE INCORPORATED INTO THE SOIL PRIOR TO FINAL SEEDING. SOIL AMENDMENTS MAY BE APPLIED AS FOLLOWS:

ITEM	APPLICATION RATE
10-20-20 FERTILIZER (N-P-K)	18.4 LBS./1,000 S.F.
GROUND LIMESTONE (50% CaO & MgO)	1.8 LBS./1,000 S.F.

C. WORK LINE AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH PROPER EQUIPMENT. ROLL THE AREA TO FIRM THE SEEDBED EXCEPT ON CLAY OR SILTY SOILS OR COARSE SAND.

A. SEEDING SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. GENERALLY A SEED MIXTURE MAY BE APPLIED AS FOLLOWS: (MDP SEED MIX 2 IS DISPLAED)

SEED TYPE	APPLICATION RATE
CREeping RED FESCUE	0.48 LBS./1,000 S.F. (20 LBS./ACRE)
RED TOP	0.02 LBS./1,000 S.F. (1.2 LBS./ACRE)
TALL FESCUE	0.26 LBS./1,000 S.F. (20 LBS./ACRE)
TOTAL	0.97 LBS./1,000 S.F. (42 LBS./ACRE)

NOTE: A SPECIFIC SEED MIXTURE SHOULD BE CHOSEN TO MATCH THE SOILS CONDITION OF THE SITE. VARIOUS AGENCIES CAN RECOMMEND SEED MIXTURES. MDP RECOMMENDED SEED MIXTURES ARE IN THE EROSION AND SEDIMENT CONTROL BMP MANUAL DATED 9/2003 OR LATER.

STANDARDS FOR TIMELY STABILIZATION:

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS -- BY SEPTEMBER 15 THE CONTRACTOR WILL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%. IF THE CONTRACTOR FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER.

1. THE CONTRACTOR SHALL SEED AND MULCH THE SOIL WITH EROSION CONTROL MIX AND STRAW AT A RATE OF 75 LBS./1,000 S.F. (1.5 TONS PER ACRE) PER 100 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE APPLICANT WILL MONITOR GROWTH OF THE SOIL BEFORE NOVEMBER 15. WHEN THE APPLICANT WILL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED IN ITEM 3(C) OF THIS STANDARD.

CONSTRUCTION SCHEDULE

CONSTRUCTION SCHEDULE IS ANTICIPATED FOR THE CONSTRUCTION OF THE BUILDING IMPROVEMENTS.

SCHEDULE	6 MONTHS
1. ESTIMATED CONSTRUCTION TIME:	
2. EROSION CONTROL MEASURES PLACED:	WEEK 1
3. SITE EXCAVATION	WEEK 1
4. UTILITY WORK	WEEK 2 - WEEK 4
5. BUILDING CONSTRUCTION	WEEK 4 - WEEK 24
6. MULCH SPREAD FOR WINTER EROSION CONTROL:	OCTOBER OF CONSTRUCTION YEAR
7. START FINAL SEEDING ON PREPARED AREAS (DURING GROWING SEASON):	WEEK 18
8. BIOMEX MONITORING OF VEGETATIVE GROWTH:	WEEK 20
10. RE-SEEDING OF AREAS, IF NEEDED:	WEEK 24
11. REMOVAL OF EROSION CONTROL DEVICES:	UPON FINAL PROJECT COMPLETION

DATES ARE SUBJECT TO CHANGE AT THE DISCRETION OF THE ENGINEER, DEPENDING ON CONSTRUCTION PROGRESS.

INSPECTIONS/MONITORING:

1. MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, OR AT LEAST EVERY SEVEN (7) DAYS, THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES. THE CONTRACTOR SHALL REPAIR AS NEEDED TO ALLOW PROPER FUNCTIONING OF THE MEASURES. THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL INSPECTIONS AND NECESSARY FOLLOW-UP WORK TO MAINTAIN EROSION CONTROL MEASURES MEETING THE REQUIREMENTS OF THIS PLAN.

2. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMI-RIGHTLY UNTIL THE SEEDINGS HAVE BEEN ESTABLISHED. ESTABLISHED MEANS A MINIMUM OF 85%-90% OF AREAS VEGETATED WITH VEGROUS GROWTH. INSPECTIONS IS INDICATED ESTABLISHED.

WINTER EROSION CONTROL MEASURES

THE WINTER CONSTRUCTION PERIOD IS FROM OCTOBER 1 THROUGH APRIL 15. IF THE CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER OR RIPRAP BY NOVEMBER 15 THEN THE SITE NEEDS TO BE PROTECTED WITH OVER-WINTER STABILIZATION. AN AREA CONSIDERED OPEN IS ANY AREA NOT STABILIZED WITH PAVEMENT, WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME. THE LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS EXPECTED TO BE UNDER TAKEN DURING WINTER CONSTRUCTION. THE EXPOSED AREA SHALL BE PROTECTED WITH EROSION CONTROL MIX AND STRAW OR THE AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOANED, SEEDS AND MULCHED. HAY AND STRAW MULCH RATE SHALL BE A MINIMUM OF 150 LBS./1,000 S.F. (3 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED.

THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL INSPECTIONS AND NECESSARY FOLLOW-UP WORK TO MAINTAIN EROSION CONTROL MEASURES MEETING THE REQUIREMENTS OF THIS PLAN.

3. SEDIMENT BARRIERS

DURING FROZEN CONDITIONS, SEDIMENT BARRIERS SHALL CONSIST OF WOOD WASTE FILTER BERMS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALESS AND SEDIMENT SILT FENCES.

4. MULCHING

ALL AREAS SHALL BE STABILIZED UNTIL AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOANED, SEEDS AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LB. PER 1,000 SQUARE FEET OR 3 TONS/ACRE (MIX). THE NORMAL ACCEPTED RATE OF 75-LBS./1,000 S.F. OR 1.5 TONS/ACRE AND SHALL BE PROPERLY ANCHORED. THE MULCH SHALL NOT BE SPREAD ON TOP OF SNOW. THE SNOW WILL BE REMOVED DOWN TO A ONE-INCH DEPTH OR LESS PRIOR TO EACH EACH DAY OF FINAL GRADING. THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MIX. AREAS SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR MULCHING. MULCH SHALL BE APPLIED AT A RATE OF 1,000 SQUARE FEET (3 TONS/ACRE) AND ADJACENTLY ANCHORED THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH.

5. MULCHING ON SLOPES AND DITCHES

SLOPES SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME OF WORK SUSPENSION UNLESS FULLY MULCHED AND ANCHORED WITH FESCUE NETTING OR WITH EROSION CONTROL BLANKETS.

MULCHING SHALL BE APPLIED AT A RATE OF 230 LBS./1,000 S.F. ON ALL SLOPES GREATER THAN 8%.

MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL GRAVAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO EROSION CONTROL. BLANKETS SHALL BE USED IN LIEU OF MULCH IN ALL DRAINAGE WAYS WITH SLOPES 8%.

EROSION CONTROL MIX CAN BE USED TO SUBSTITUTE EROSION CONTROL BLANKETS ON ALL SLOPES EXCEPT DITCHES.

6. SEEDING

SEEDING SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME OF WORK SUSPENSION UNLESS FULLY MULCHED AND ANCHORED WITH FESCUE NETTING OR WITH EROSION CONTROL BLANKETS.

SEEDING SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. PLEASE REFER TO THE WINTER EROSION CONTROL NOTES FOR MORE DETAIL. REVEGETATION MEASURES SHALL CONSIST OF THE FOLLOWING:

7. TRENCH DEWATERING AND TEMPORARY STREAM DIVERSION

WATER FROM CONSTRUCTION TRENCH DEWATERING OR TEMPORARY STREAM DIVERSION WILL PASS FIRST THROUGH A FILTER BAG OR OTHER EROSION CONTROL MEASURES TO PREVENT EROSION. THE DISCHARGE SITE SHALL BE SELECTED TO AVOID FLOODING, LONG AND SEDIMENT DISCHARGES TO A PROTECTED RESOURCE. IN NO CASE SHALL THE FILTER BAG OR CONTAINMENT STRUCTURE BE LOCATED WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE.

8. INSPECTION AND MONITORING

MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, OR AT LEAST EVERY SEVEN (7) DAYS, THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES. THE CONTRACTOR SHALL REPAIR AS NEEDED TO ALLOW PROPER FUNCTIONING OF THE MEASURES. THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL INSPECTIONS AND NECESSARY FOLLOW-UP WORK TO MAINTAIN EROSION CONTROL MEASURES MEETING THE REQUIREMENTS OF THIS PLAN.

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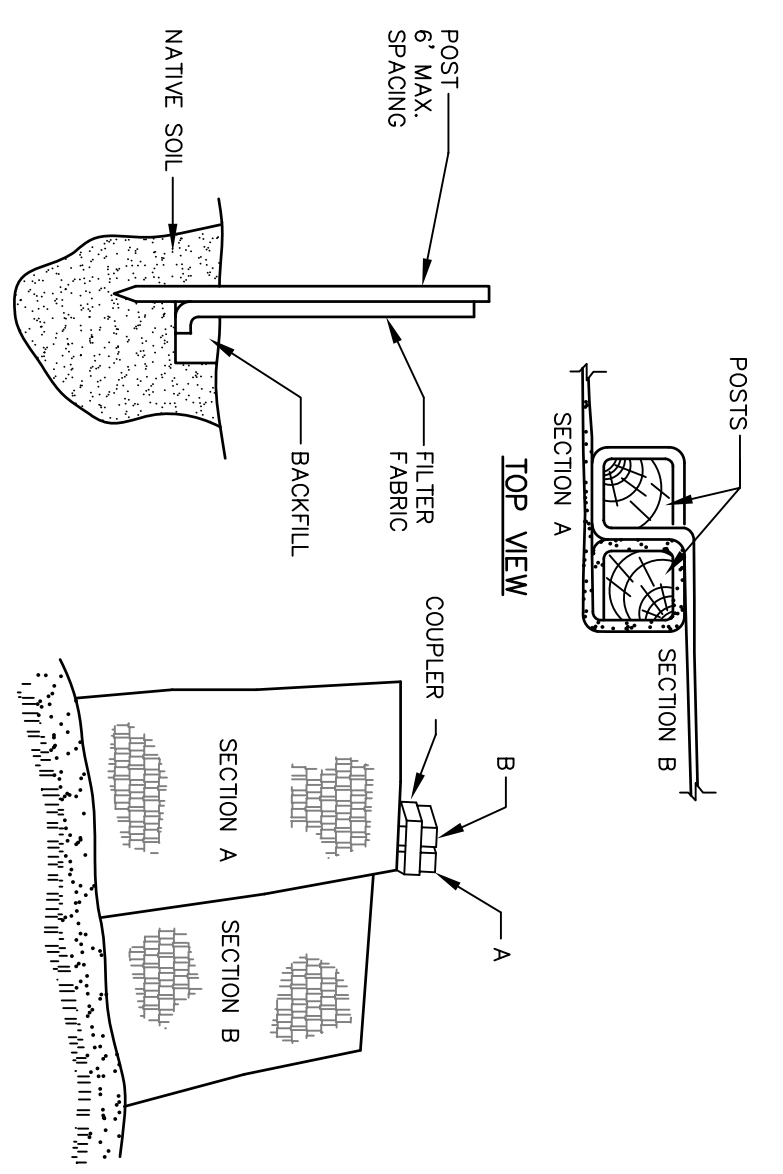
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8. INSPECTION AND MONITORING

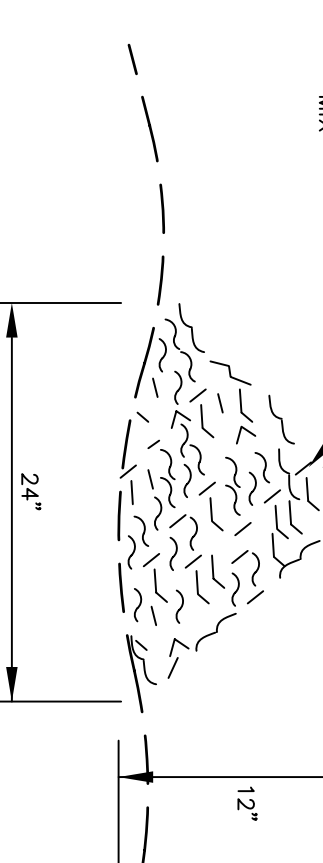
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- INSTALLATION:**
- EXCAVATE A 6" x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
 - UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
 - DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
 - LAY THE TOP-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. LAY THE BOTTOM-OUT FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMPING FILL AT THE BASE, BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.
 - JOIN SECTION AS SHOWN ABOVE.
 - BARRIER SHALL BE MIRAN SILT FENCE OR EQUAL.

FILTER BARRIER

ORGANIC BASED EROSION CONTROL MIX



COMPOSITION:

EROSION CONTROL MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDP BEST MANAGEMENT PRACTICES. THE MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDP BEST MANAGEMENT PRACTICES. THE MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDP BEST MANAGEMENT PRACTICES. THE MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDP BEST MANAGEMENT PRACTICES.

INSTALLATION:

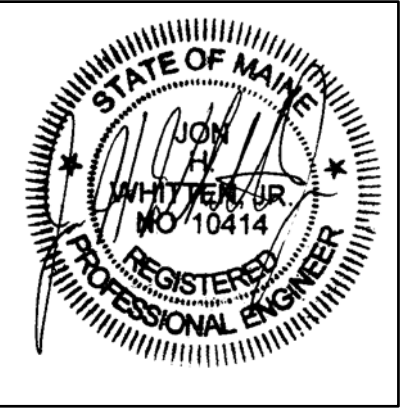
EXISTING GROUND SHALL BE PREPARED SUCH THAT THE BARRIER MAY LIE NEARLY FLAT ALONG THE GROUND TO AVOID THE CREATION OF VOIDS AND BROGERS IN ORDER TO MINIMIZE THE POTENTIAL OF WASH OUTS UNDER THE BARRIER.

AND 2 FEET WIDE FOR SLOPES LESS THAN 5% IN GRADE AND SHALL BE WORK TO ACCOMMODATE THE ADDITIONAL RUNOFF.

EROSION CONTROL MIX CAN BE INSTALLED WHERE SILT FENCE IS UNDESIRABLE ON THE RESIDUAL GROUND SURFACE. THE MIX SHALL BE INSTALLED ON THE RESIDUAL GROUND SURFACE. THE MIX SHALL BE INSTALLED ON THE RESIDUAL GROUND SURFACE. THE MIX SHALL BE INSTALLED ON THE RESIDUAL GROUND SURFACE.

EROSION CONTROL MIX BERM

NOT TO SCALE



NO.	DATE	REVISIONS
4	11-07-06	ADDED GRANITE CURBING TO THE DESIGN
3	10-13-06	REVISED PER CITY REVIEW COMMENTS
2	09-07-06	SUBMITTED TO CITY FOR SITE PLAN REVIEW
1	07-26-06	SUBMITTED TO MDEP AS SUPPLEMENT TO NRPA PERMIT APPLICATION

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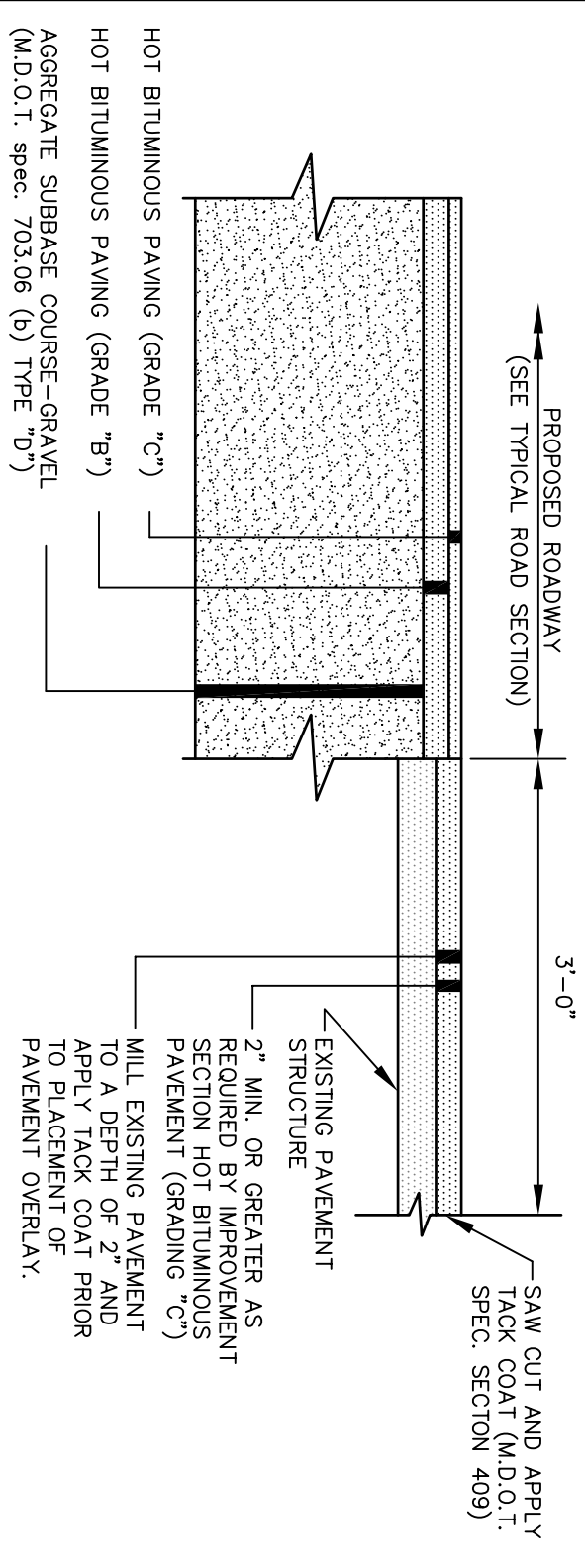
P.O. BOX 339
 NEW GLOUCESTER, ME 04260
 phone: (207) 272-7571
 email: TERRADYN@MAINE.RR.COM

JOB NO.	DATE	SHEET	OF
0635	07/19/06	4	5

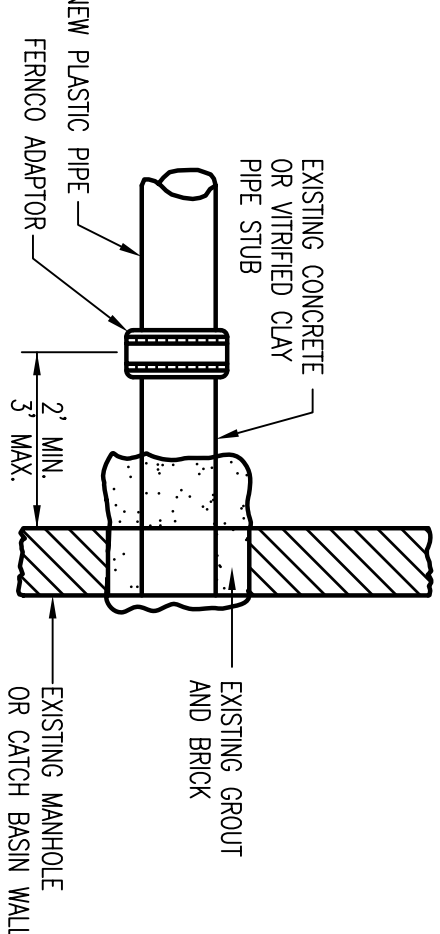
SHEET DESCRIPTION
BECKY'S DINER EXPANSION
 390 COMMERCIAL STREET
 PORTLAND, ME 04104

EROSION CONTROL DETAILS

PREPARED FOR RECORD OWNER:
REBECCA RAND
 3 PINE GROVE STREET
 FALMOUTH, ME 04105

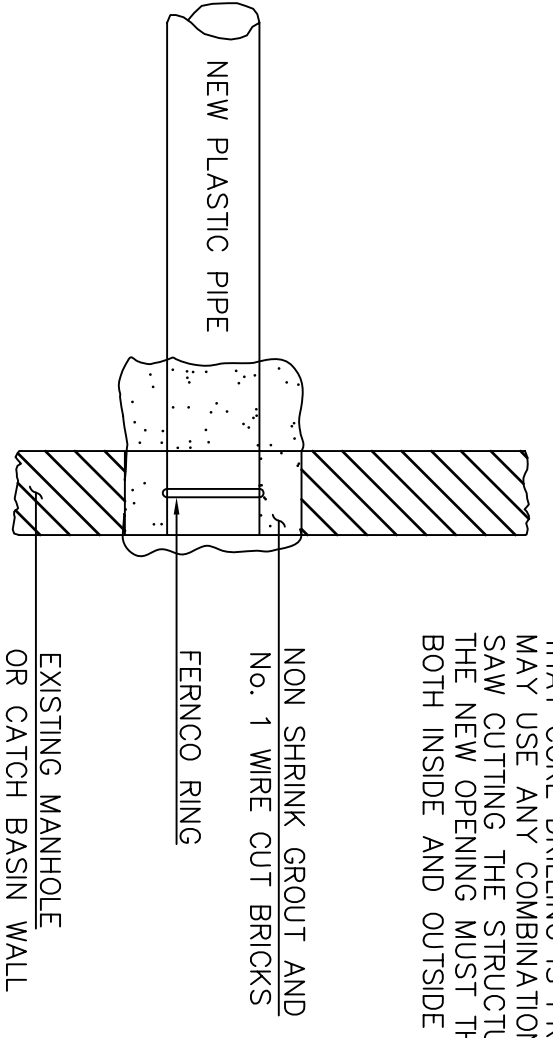


TYPICAL PAVEMENT JOINT
NOT TO SCALE



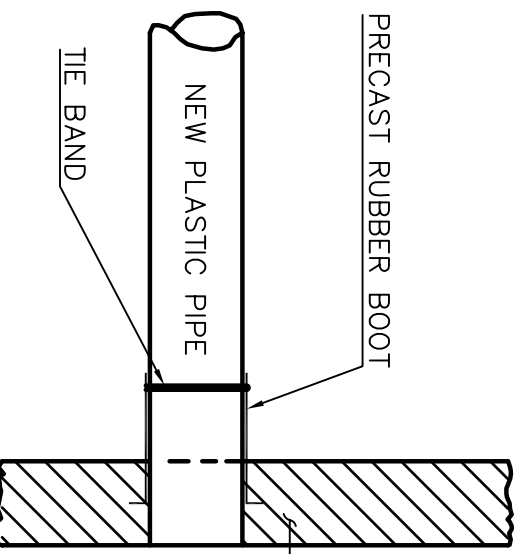
METHOD 4 - NEW PIPE TO EXISTING STRUCTURE STUB

NOTE: EXISTING MANHOLE OR CATCH BASIN SHALL BE CORE DRILLED FOR PIPE INSTALLATION. IF PIPE DIAMETER IS SO LARGE THAT CORE DRILLING IS PROHIBITED, THE CONTRACTOR MAY USE ANY COMBINATION OF JACK, HAMMERS AND SAW CUTTING THE STRUCTURE TO CREATE PIPE OPENING. THE NEW OPENING MUST THEN BE SEALED AND WATERIGHT BOTH INSIDE AND OUTSIDE THE STRUCTURE.



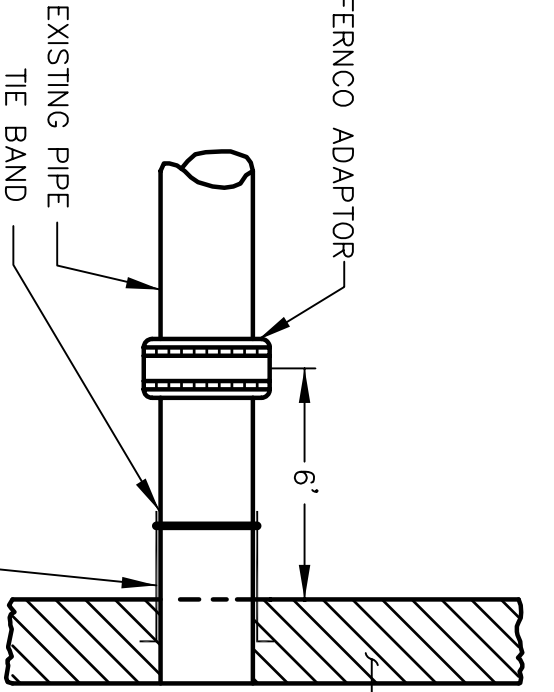
METHOD 3 - NEW PIPE INTO EXISTING STRUCTURE

NOTE: REMOVE WATERPROOFING FROM STRUCTURE BEFORE SETTING ADAPTOR. HAS SET.



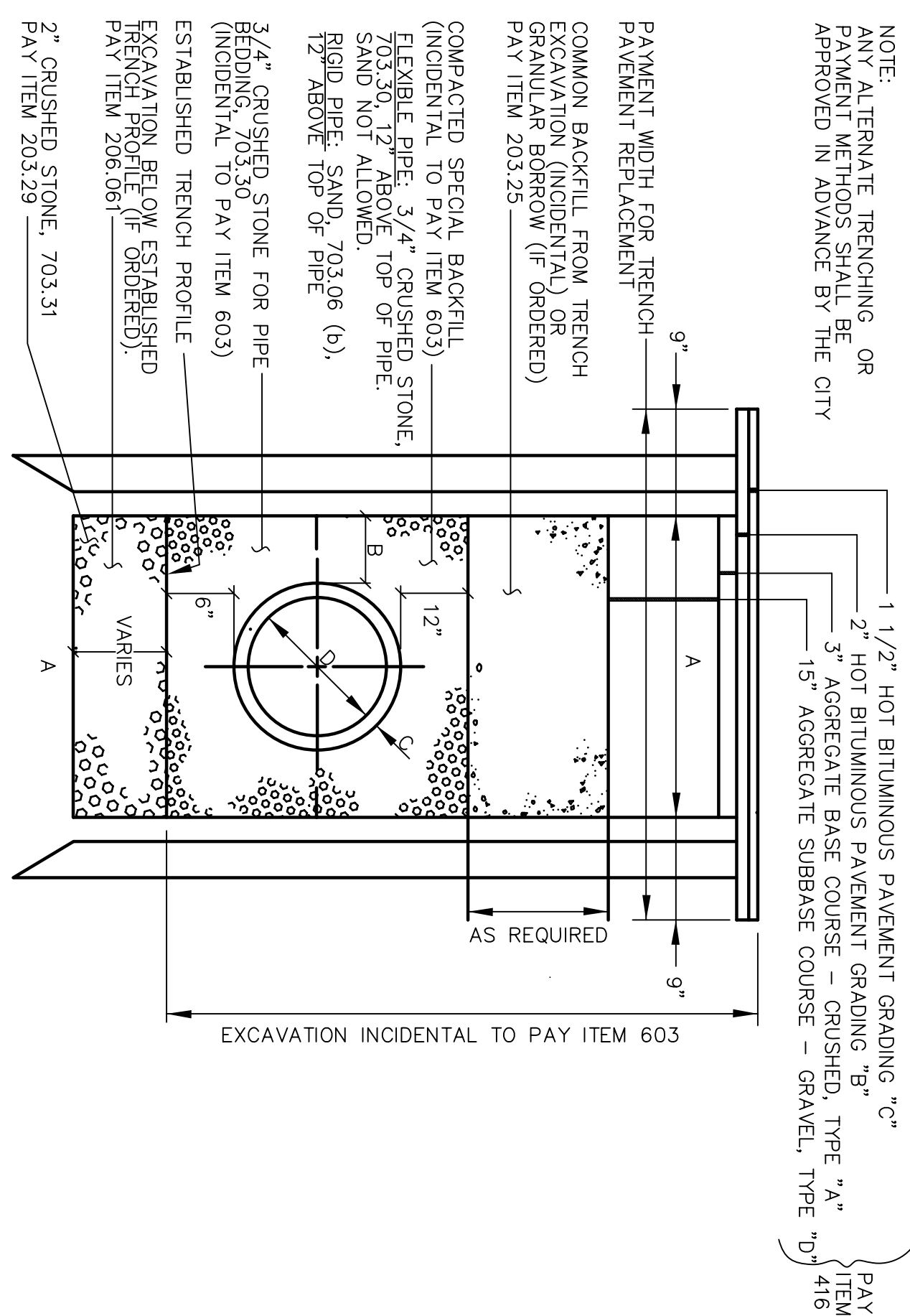
METHOD 2 - NEW CONSTRUCTION

NOTE: REMOVE WATERPROOFING FROM STRUCTURE BEFORE SETTING ADAPTOR. WATERPROOF AGAIN AFTER WORKER HAS SET.



METHOD 1 - EXISTING PIPE INTO NEW STRUCTURE

PLASTIC PIPE CONNECTION DETAIL
NOT TO SCALE



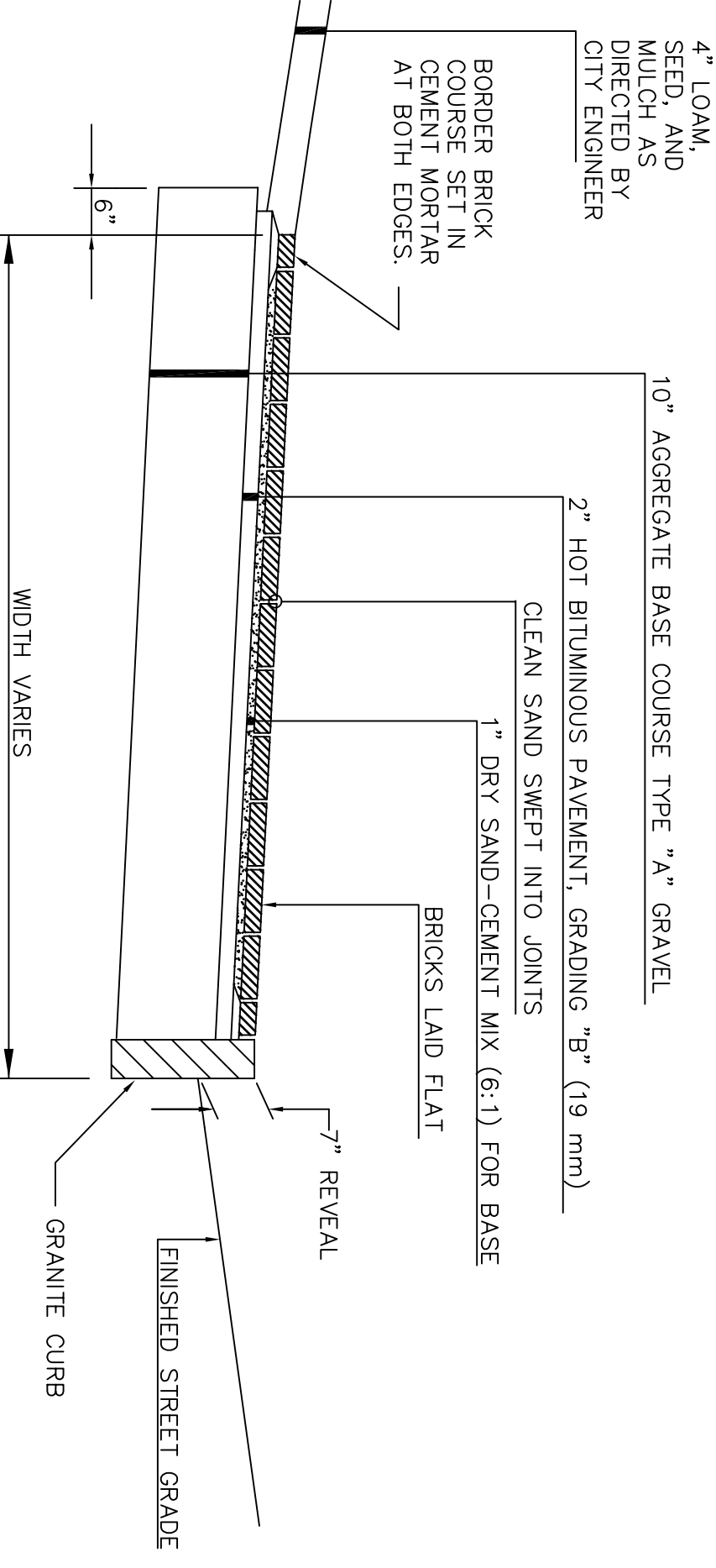
TYPICAL PIPE INSTALLATION DETAIL
NOT TO SCALE

**TABLE OF DIMENSIONS
PVC, TRUSS, CMP, & POLYETHYLENE PIPE**

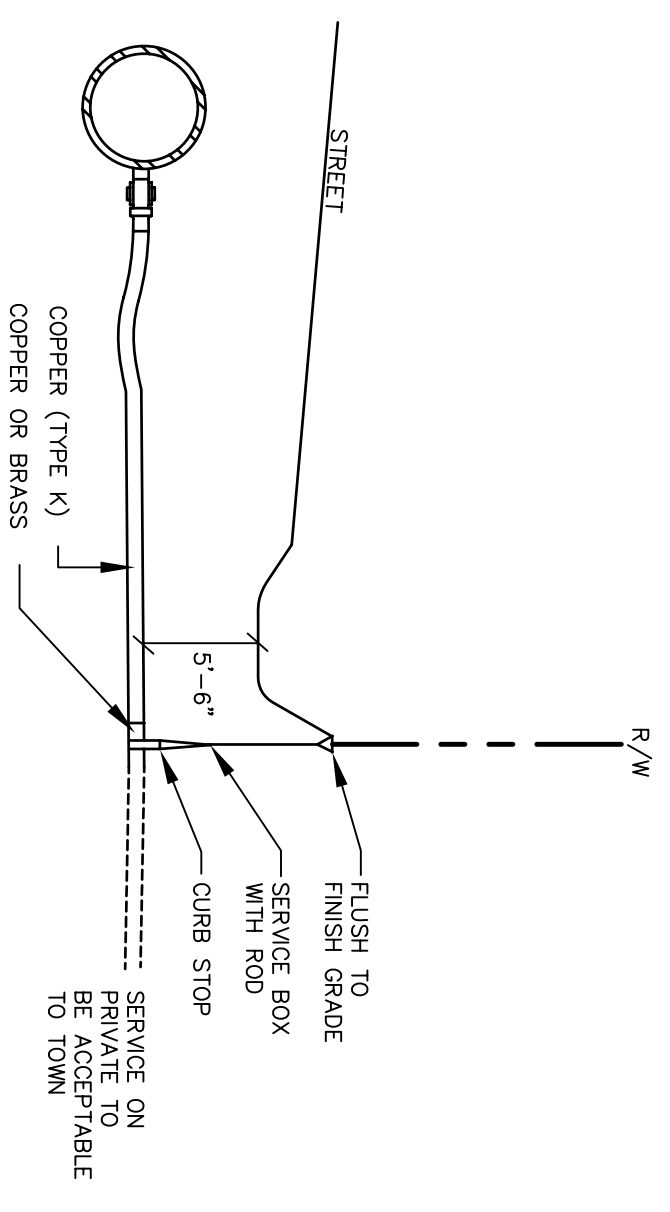
D	A	B	C	10' BASE /100'
8"	3'-0"	1'-1 1/2"	0'-1 1/2"	UNSHIELDED 0.0 3/8"
10"	3'-0"	1'-0 3/8"	0'-0 5/8"	7.558
12"	3'-0"	0'-11 3/8"	0'-0 5/8"	7.932
14"	3'-0"	0'-9 1/4"	0'-0 5/8"	8.178
16"	3'-0"	0'-8 1/4"	0'-0 3/4"	8.447
18"	3'-0"	0'-7 3/8"	0'-0 3/4"	8.663
20"	3'-0"	0'-6 1/4"	0'-0 3/4"	8.815
24"	3'-0"	0'-5 1/4"	0'-0 1/8"	9.033
30"	3'-0"	0'-4 1/4"	0'-0 1/8"	10.939
33"	3'-0"	0'-3 3/4"	0'-0 1/8"	13.513
36"	4'-0"	0'-2 3/4"	0'-0 1/8"	14.910

A = WIDTH OF UNSHEATHED TRENCH

NOTE: REFER TO CONSTRUCTION CONTRACT FOR DETAILED MATERIAL SPECIFICATIONS. BORDER COURSES OF BRICK SHALL BE SET IN WET CEMENT MORTAR. ALTERNATIVE BRICK EDGING PRODUCTS AND SYSTEMS MUST BE APPROVED BY THE CITY ENGINEER.



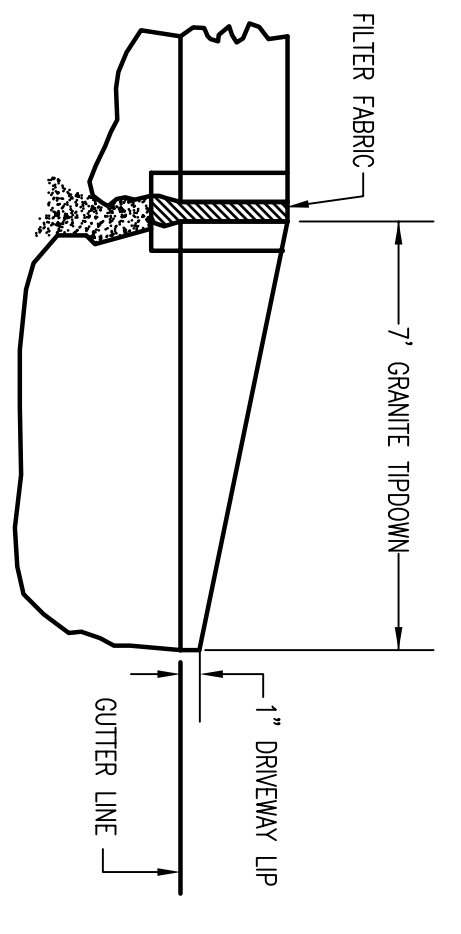
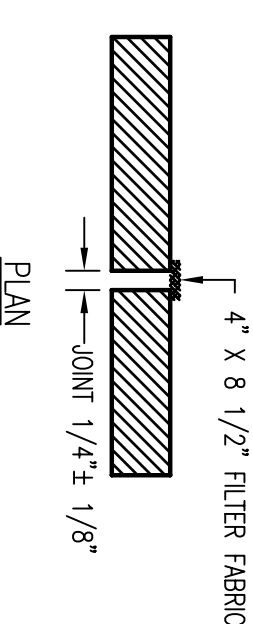
**CROSS SECTION
BRICK SIDEWALK ON BITUMINOUS BASE, NO ESPLANADE**
NOT TO SCALE



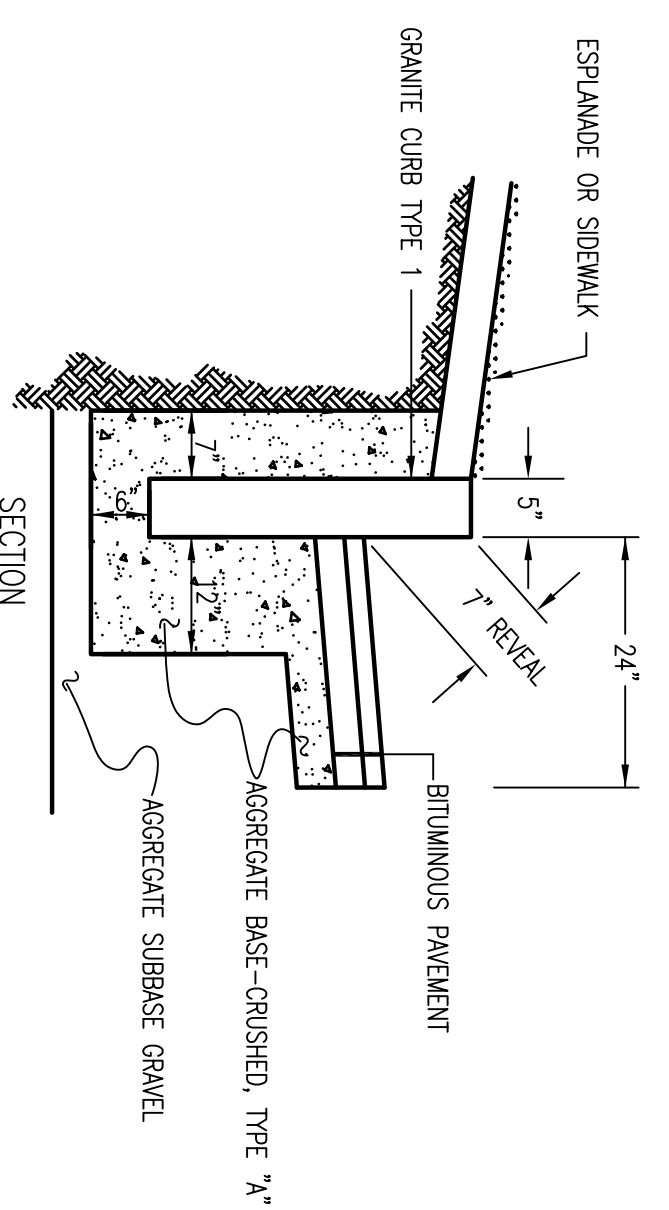
TYPICAL WATER SERVICE CONNECTION
NOT TO SCALE

GENERAL NOTES (PER CITY OF PORTLAND STANDARD DETAILS)

- LOCATIONS OF UTILITIES ARE APPROXIMATE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL THE UTILITIES LOCATE THEIR SERVICES PRIOR TO THE START OF CONSTRUCTION.
- PRIOR TO THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SECURE A STREET OPENING PERMIT FROM THE PORTLAND PUBLIC WORKS DEPARTMENT. NO FEE WILL BE CHARGED FOR THIS PERMIT.
- ALL THE UTILITY WORK SHALL BE DONE BY OTHERS.
- PROPERTY MARKERS AND STREET LINE MONUMENTS SHALL BE PROPERLY PROTECTED AND SHALL NOT BE DISTURBED. IF DISTURBED, THEY SHALL BE REPLACED BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING CATCH BASINS, MANHOLES, CONNECTIONS, AND OUTLET PIPING SHALL BE CLEANED AND LEFT IN SATISFACTORY OPERATING CONDITION AFTER CONSTRUCTION HAS BEEN COMPLETED. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
- ALL LAWN AREAS, WALKWAYS, AND DRIVEWAYS OUTSIDE THE WORK AREA, DAMAGED BY THE CONTRACTOR, SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL TREES AND SHRUBS ON THE PROJECT WHICH ARE NOT TO BE REMOVED.
- EXISTING PAVEMENT SHALL BE SAW CUT AND BUTTED TO THE NEW PAVEMENT. NO FEATHERING OF PAVEMENT WILL BE FENMITTED.
- EXISTING DRAINAGE STRUCTURES SHALL NOT BE DISTURBED UNLESS OTHERWISE NOTED.
- ALL EXISTING DRAINAGE PIPES TO BE ABANDONED SHALL BE PLUGGED WITH CONCRETE OR AS DIRECTED BY THE PROJECT ENGINEER.
- BEFORE CONNECTING NEW PIPES TO AN EXISTING SEWER LINE, THE CONTRACTOR SHALL NOTIFY THE MAINTENANCE DIVISION OF THE PORTLAND PUBLIC WORKS DEPARTMENT. NO WORK SHALL BE DONE WITHOUT THEIR APPROVAL.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR GRADING SIDE SLOPES OF DRIVEWAYS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY TRENCH PAVEMENT THAT HAS EXPERIENCED EXCESSIVE SETTLEMENT, CRACKING, OR OPENING OF JOINTS. REPAIRS MAY INCLUDE OVERLAY, REMOVAL OF UNACCEPTABLE MATERIALS, COMPLETE REPLACEMENT, JOINT SEALING, OR REBUTTING PAVEMENT AS REQUIRED. THIS WORK MAY BE NECESSARY AFTER THE FINAL ACCEPTANCE OF WORK OR PRIOR TO THE END OF THE ONE YEAR GUARANTEE. THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
- ALL MANHOLE FRAMES SHALL BE SUPPLIED WITH SOLID MANHOLE COVERS. SEE STANDARD DETAIL.
- NEW CATCH BASINS SHALL BE INSTALLED WITH A TYPE A-4 CATCH BASIN INLET STONE.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR THE REMOVAL OF EXISTING PIPES.
- ALL GRANITE CATCH BASIN STONES, MANHOLE FRAMES, AND COVERS TO BE REMOVED SHALL BE DELIVERED TO THE CITY YARD AS DIRECTED BY THE PROJECT ENGINEER. WILL BE MADE FOR THIS WORK. THESE EXISTING MATERIALS MAY BE REUSED AS DIRECTED BY THE PROJECT ENGINEER.
- ALL TERMINAL MANHOLES SHALL HAVE CHANNELS CONSTRUCTED STRAIGHT THROUGH THE MANHOLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND RECONNECTING EXISTING SEWER LATERALS TO NEW SEWER. PAYMENT WILL BE UNDER THE RESPECTIVE UNIT BID ITEM AS SPECIFIED IN THE CONTRACT DOCUMENT.



TYPICAL TIPDOWN CURB INSTALLATION
NOT TO SCALE



INSTALLATION OF NEW GRANITE CURB
NOT TO SCALE



NO.	DATE	REVISIONS	BY
5	03-07-07	REVISED PER CITY REVIEW COMMENTS	JHW
4	11-07-06	ADDED GRANITE CURBING TO THE DESIGN	JHW
3	10-13-06	REVISED PER CITY REVIEW COMMENTS	JHW
2	09-07-06	SUBMITTED TO CITY FOR SITE PLAN REVIEW	JHW
1	07-26-06	SUBMITTED TO MDEP AS SUPPLEMENT TO NRPA PERMIT APPLICATION	JHW
			APTD

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P.O. BOX 339
NEW GLOUCESTER, ME 04260
phone: (207) 272-7571
email: TERRADYN@MAINE.RR.COM

BECKY'S DINER EXPANSION
390 COMMERCIAL STREET
PORTLAND, ME 04104

DETAIL SHEET

PREPARED FOR RECORD OWNER:
REBECCA RAND
3 PINE GROVE STREET
FALMOUTH, ME 04105

JOB NO.	0635
DATE	10/21/06
SCALE	N.T.S.
SHEET	5
OF	5