

TABLE OF CONTENTS:

PAGE 1 ~ EXISTING CONDITIONS
 PAGE 2 ~ SOILS/WETLANDS MAP
 PAGE 3 ~ OVERALL SITE PLAN
 PAGE 4 ~ OVERALL GRADING PLAN
 PAGE 5 ~ OVERALL LANDSCAPING PLAN
 PAGE 6 ~ DETAILED SITE PLAN
 PAGE 7 ~ DETAILED GRADING & DRAINAGE PLAN
 PAGE 8 ~ LIGHTING PLAN
 EROSION CONTROL DETAILS ~ E101-E102
 DRAINAGE DETAILS ~ D102-D103
 CONSTRUCTION DETAILS ~ C103-C104
 LANDSCAPING DETAILS ~ L101

PROPOSED MAJOR SITE PLAN FOR THOMPSON INVESTMENT CASTINGS 41 OLD DOVER ROAD ROCHESTER, NH TAX MAP 132, LOT 37

NOTE:

BERRY SURVEYING & ENGINEERING HAS PREPARED AN INSPECTION & MAINTENANCE MANUAL AS PART OF THIS PROJECTS DOCUMENTATION. ALL USERS ARE BOUND TO THIS DOCUMENT AS PART OF THE APPROVAL OF THE PLANNING BOARD. COPIES OF THE YEARLY INSPECTIONS ARE TO BE DELIVERED TO THE CEO AS DIRECTED IN THE MANUAL.

OWNER: EDMOND DIGIOVANNI JR
 282 CORPORATE DR.
 PORTSMOUTH, NH 03801

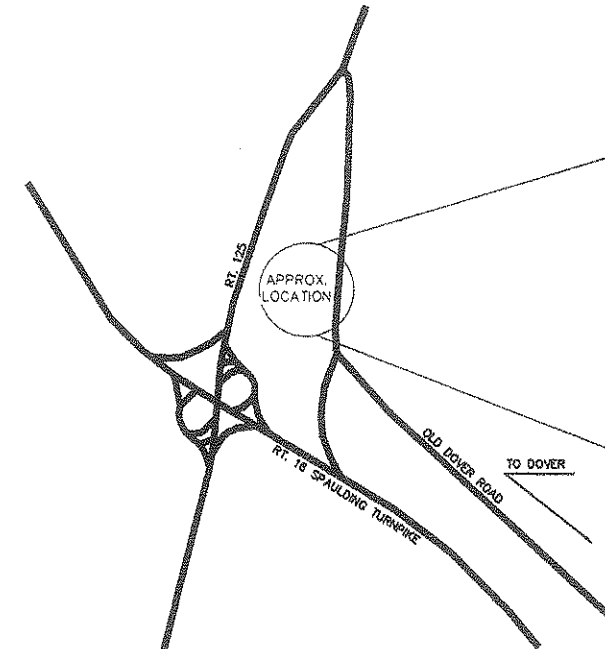
SURVEYOR OF RECORD: BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT RD.
 BARRINGTON, NH 03825
 (603) 332-2863

ENGINEER OF RECORD: BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT RD.
 BARRINGTON, NH 03825
 (603) 332-2863

DEVELOPER: THOMPSON INVESTMENT CASTINGS
 400 NORTH MAIN ST.
 ROCHESTER, NH 03867

WETLAND SCIENTIST OF RECORD: MARC E. JACOBS
 P.O. BOX 417
 GREENLAND, NH 03840
 (603) 686-5097

SOIL SCIENTIST OF RECORD: MARC E. JACOBS
 P.O. BOX 417
 GREENLAND, NH 03840
 (603) 686-5097



PLAN REFERENCES:

- "PLAN OF LAND OF AMBUS PROPERTIES, INC. C/O CURTISS 1000, OLD DOVER ROAD-ROUTE 168 ROCHESTER, NH" DATED: 1988 BY: BERRY SURVEYING & ENGINEERING FILE # 89-12
- "BOUNDARY LINE REVISION LAND OF CITY OF ROCHESTER AND CURTIS TRANSICO, INC. OLD DOVER ROAD-ROUTE 168 ROCHESTER, NH." DATED: OCTOBER 17, 1997 BY: BERRY SURVEYING & ENGINEERING S.C.R.D. PLAN # 50-94
- "LAND IN ROCHESTER, NH BOSTON & MAINE CORPORATION TO RAYMOND CHARRON" DATED: FEBRUARY 20, 1988 BY: BERRY SURVEYING & ENGINEERING FILE # DB 1988-21
- "ALTA/ACSM TITLE SURVEY (URBAN) 25 OLD DOVER ROAD" DATED: JULY 9, 1993 BY: CUOCO & CORMIER ENGINEERING ASSOCIATES, INC S.C.R.D. PLAN # 42-91
- "SITE REVIEW PLAN FOR PLAN OF LAND ROCHESTER, NH, OLD DOVER ROAD ASSOCIATES" DATED: MARCH 1987 BY: NORWAY PLAINS SURVEY ASSOCIATES, INC. FILE # 185
- "LAND IN ROCHESTER, NH BOSTON & MAINE RAILROAD TO CITY OF ROCHESTER." DATED: NOVEMBER, 1926 BY: B&M REAL ESTATE ENG. S.C.R.D. PLAN #2 POCKET #10 FOLDER #3
- "PLAN OF LAND ROUTES 125 & 168 ROCHESTER, NH. FOR POWER TECHNICS, INC." DATED: MARCH, 1984 BY: JOHN W. DURGIN ASSOCIATES, INC. S.C.R.D. PLAN # 24A-14
- "SUBDIVISION OF LAND ROCHESTER, NH. FOR SANSOUY REALTY TRUST & THE CITY OF ROCHESTER" DATED: FEB 12, 1985 BY: JOHN W. DURGIN ASSOCIATES, INC. S.C.R.D. PLAN # 27-44
- "SKETCH OF LAND NISSENS GARAGE, OFF OLD DOVER ROAD" DATED: SEPTEMBER 1, 1980
- "WORK DRAWING, OLD DOVER ROAD ASSOCIATES, OLD DOVER ROAD-ROUTE 16, SUBDIVISION OF 'LIR OF LAND'" DATED: JULY 28, 1989 FILE # 185



REQUIRED PERMITS:

NOI ~ SWPPP ~ TO BE ON FILE 3 WEEKS BEFORE CONSTRUCTION
 BERRY SURVEYING & ENGINEERING CAN PROVIDE THE SWPPP AND THE FILING OF THE NOTICE OF INTENT WHICH IS REQUIRED BY THE EPA. A CAPABLE AND KNOWLEDGEABLE PERSON IS TO DO ON-SITE EROSION CONTROL INSPECTIONS PER THE NOTICE OF INTENT. BERRY SURVEYING & ENGINEERING CAN PROVIDE THIS SERVICE IF REQUESTED.
 A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE CONSTRUCTION ACTIVITIES TAKE PLACE. THOSE PRESENT SHOULD INCLUDE THE OWNER OF RECORD, DESIGN ENGINEER, CONSTRUCTION MANAGER, CITY ENGINEER OR DESIGNEE, AND HEAD OF THE PLANNING DEPARTMENT OR DESIGNEE.

REQUIRED PERMITS:

EPA GENERAL PERMIT ~ FILED 3 WEEKS PRIOR TO CONSTRUCTION
 NHDH ~ NOTIFIED / NO ACTION REQUIRED
 NHDH ~ NOTIFIED / NO ACTION REQUIRED
 NHDH ~ ALTERATION OF TERRAIN PERMIT
 NHDH ~ SHORELAND PROTECTION PERMIT
 NHDH ~ WETLAND PERMIT



REVISION	DATE	DESCRIPTION

MAJOR SITE PLAN
 FOR
 THOMPSON INVESTMENT CASTING
 41 OLD DOVER ROAD
 ROCHESTER, N.H.
 TAX MAP 132, LOT 37

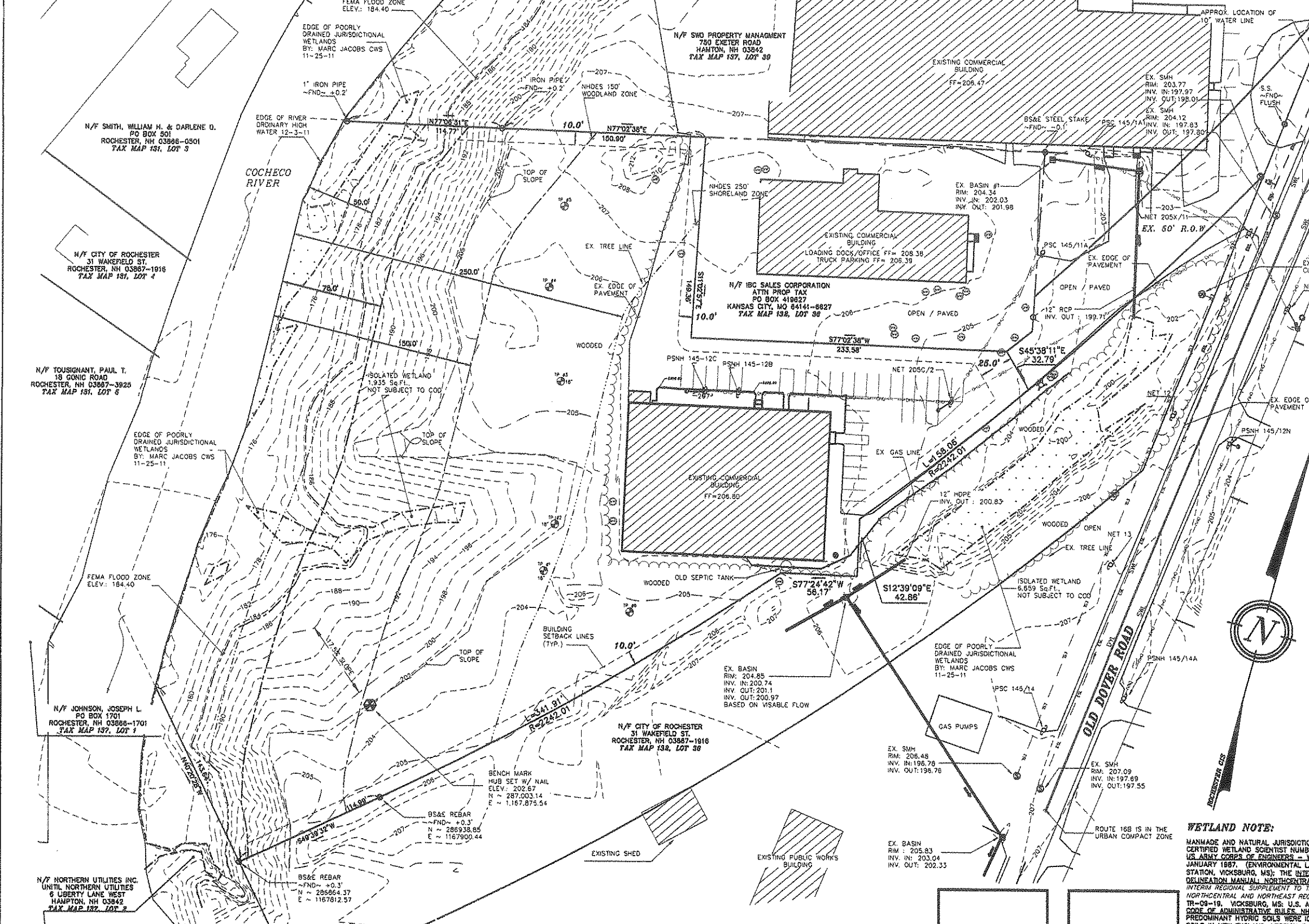
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, N.H. 03825-2863

SCALE : AS NOTED
 DATE : FEBRUARY 1, 2012
 FILE NO. : DB 2011-147

RECEIVED
 MAR 2 2 2012
 Planning Dept.

UTILITY NOTE:

THE UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR NOR THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.



LEGEND:

- CATCH BASIN
- SEWER MAN HOLE
- UTILITY POLE
- STEEL STAKE/ IRON BOUND (FND)
- IRON PIPE (FND)
- NHHS (FND)
- TREE
- MONITORING WELL
- QUY WIRE
- TREE LINE
- SOILS LINE
- JURISDICTIONAL WETLAND BOUNDARY
- BUILDING SETBACK LINES
- OVERHEAD UTILITY LINES
- 250' SHORELAND ZONE
- 150' WOODLAND BUFFER ZONE
- 75' ROCHESTER COCHECO SETBACK
- 50' SHORELAND ZONE
- FLOOD ZONE
- NATURAL GAS LINE
- EX. SEWER LINE
- EX. WATER LINE

NOTES:

- OWNER: 1.) OWNER: EDMOND DIGIOVANNI JR
262 CORPORATE DR.
PORTSMOUTH, NH 03801
- TAX MAP 132, LOT 37
- LOT AREA WITH RIVER: 207,337.52 ± Sq.Ft., 4.75± Ac.
LOT AREA NO RIVER: 190,806.32 Sq.Ft., 4.38 Ac.
- S.C.R.D. BOOK 3478, PAGE 578
- ZONING: INDUSTRIAL 3
SETBACKS:
FRONT - 25.0'
SIDE - 10.0'
REAR - 25.0'
WETLANDS SETBACK - 50.0'
80% BUILDING COVERAGE
- THERE ARE NO PRIME WETLANDS ON THE LOT.
- I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF: FEMA COMMUNITY# -330180, MAP# -33017002110, DATED: MAY 17, 2005
- VERTICAL DATUM BASED ON USGS NGVD29 ELEVATIONS.
HORIZONTAL COORDINATES BASED ON NH GRID / ROCK. GIS
- EXISTING LOT COVERAGE:
BUILDING: 16,673 Sq.Ft., 8.74 %
IMPERVIOUS AREA: 21,438 Sq.Ft., 11.24%
- 31 EXISTING PARKING SPACES

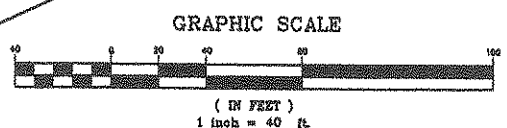
I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.

DAVID A. BERRY L.L.S. 328 DATE

I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE CITY OF ROCHESTER, N.H. - 1:10,000 -
DAVID A. BERRY L.L.S. 328 DATE

WETLAND NOTE:

NATURAL AND MANMADE JURISDICTIONAL WETLAND BOUNDARIES WERE DELINEATED BY MARC JACOBS, CERTIFIED WETLAND SCIENTIST NUMBER 090, IN NOVEMBER 2011 ACCORDING TO THE STANDARDS OF THE U.S. ARMY CORPS OF ENGINEERS - WETLAND DELINEATION MANUAL, TECHNICAL REPORT Y-87-1, JANUARY 1987. (ENVIRONMENTAL LABORATORY, 1987; U.S. ARMY ENGINEERS WATERWAYS EXPERIMENT STATION, VICKSBURG, MS); THE INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, NORTH-CENTRAL AND NORTH-EAST REGION (U.S. ARMY CORPS OF ENGINEERS, 2009, INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, NORTH-CENTRAL AND NORTH-EAST REGION, ED. J.S. WAKELY, R.W. UCHYAR, AND C.V. NOBLE, ERDC/EL TR-09-19, VICKSBURG, MS; U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER); AND THE CODE OF ADMINISTRATIVE RULES, NH DEPARTMENT OF ENVIRONMENTAL SERVICES-WETLANDS BUREAU, PREDOMINANT HYDRIC SOILS WERE IDENTIFIED UTILIZING THE FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. (NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE, 2004, 3RD ED. FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION, LOWELL, MA) AND THE FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7 (UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, 2010. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.), USDA, NRCS, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.) THE INDICATOR STATUS OF HYDROPHYTIC VEGETATION WAS DETERMINED ACCORDING TO THE NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS, NORTH-EAST REGION, U.S. FISH AND WILDLIFE SERVICE (MAY 1988). COPIES OF SITE PLANS IDENTIFYING THE WETLAND DELINEATION WHICH HAVE BEEN REVIEWED BY THE WETLAND SCIENTIST ARE INDIVIDUALLY STAMPED, SIGNED AND DATED.

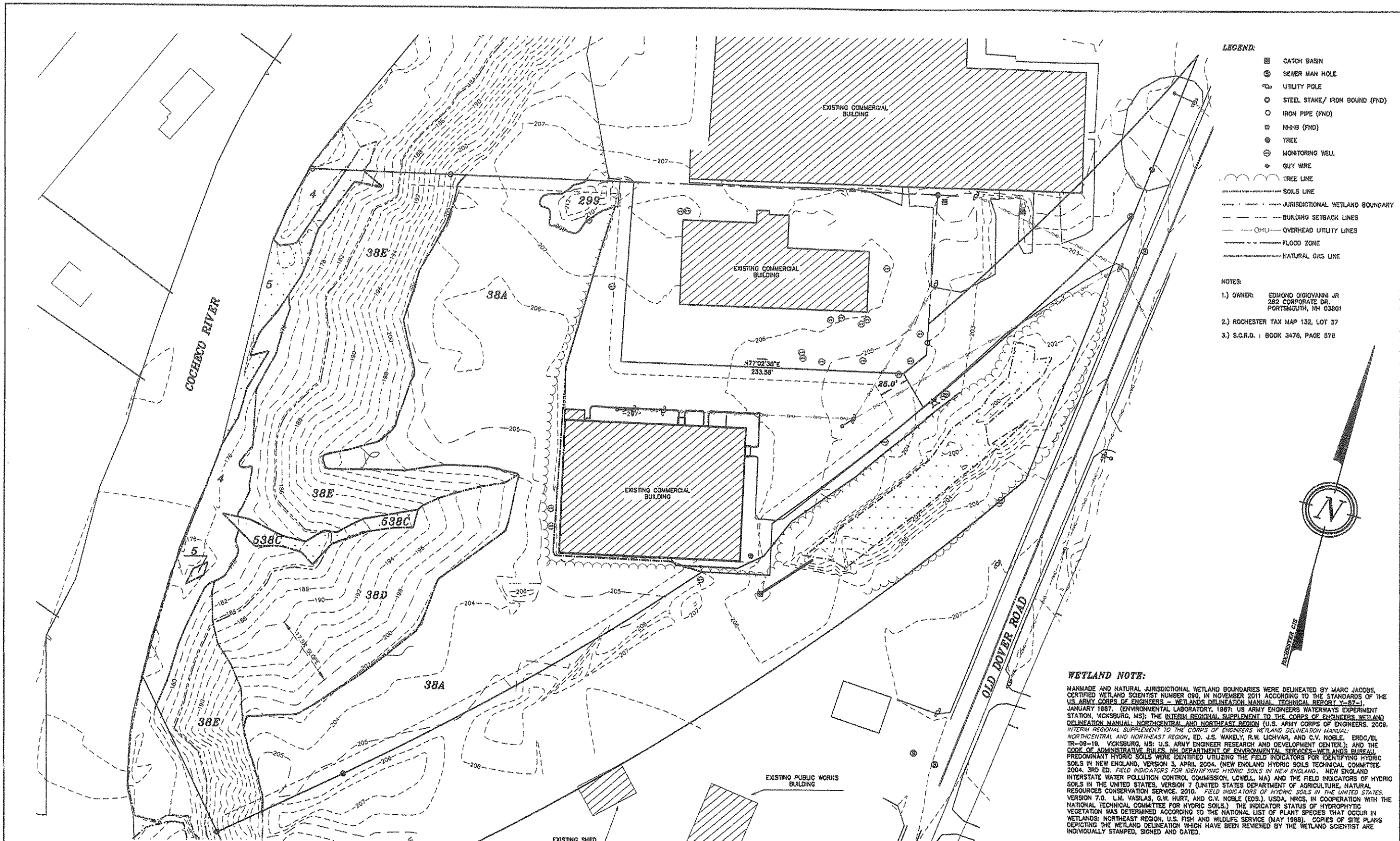


SOILS:
WINDSOR LOAMY
SAND 3-8% SLOPES

REVISION	DATE	DESCRIPTION

EXISTING CONDITIONS
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 332-2863
DATE: 1 IN. EQUALS 40 FT.
SCALE: FEBRUARY 1, 2012
FILE NO.: DB 2011-147



- LEGEND:**
- CATCH BASIN
 - SEWER MAN HOLE
 - UTILITY POLE
 - STEEL STAKE/ IRON BOUND (FND)
 - IRON PIPE (FND)
 - NRHB (FND)
 - TREE
 - MONITORING WELL
 - QUY WIRE
 - TREE LINE
 - SOILS LINE
 - JURISDICTIONAL WETLAND BOUNDARY
 - BUILDING SETBACK LINES
 - OVERHEAD UTILITY LINES
 - FLOOD ZONE
 - NATURAL GAS LINE

NOTES:

1.) OWNER: EDMOND D'GIOVANNI JR
282 CORPORATE DR.
PORTSMOUTH, NH 03801

2.) ROCHESTER TAX MAP 132, LOT 37

3.) S.C.R.D. 1 BOOK 3476, PAGE 578

WETLAND NOTE:

MANMADE AND NATURAL JURISDICTIONAL WETLAND BOUNDARIES WERE DELINEATED BY MARC JACOBS, CERTIFIED WETLAND SCIENTIST NUMBER 080, IN NOVEMBER 2011 ACCORDING TO THE STANDARDS OF THE U.S. ARMY CORPS OF ENGINEERS - WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1, JANUARY 1987. (ENVIRONMENTAL LABORATORY, 1987 US ARMY ENGINEERS WATERWAYS EXPERIMENT STATION, WICKSBURG, MS); THE INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, NORTHCENTRAL AND NORTHEAST REGION (U.S. ARMY CORPS OF ENGINEERS, 2008, INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, ED. J.S. WAKELY, R.W. UCHVAR, AND C.V. NOBLE. ERDC/EL TR-09-19. WICKSBURG, MS: U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER); AND THE CODE OF ADMINISTRATIVE RULES, NH DEPARTMENT OF ENVIRONMENTAL SERVICES-WETLANDS BUREAU. PREDOMINANT HYDRIC SOILS WERE IDENTIFIED UTILIZING THE FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. (NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE, 2004, 3RD ED. FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND. NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION, LOWELL, MA) AND THE FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7 (UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, 2010. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.). USDA, NRCS, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.) THE INDICATOR STATUS OF HYDROPHYTIC VEGETATION WAS DETERMINED ACCORDING TO THE NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS, NORTHEAST REGION, U.S. FISH AND WILDLIFE SERVICE (MAY 1988). COPIES OF SITE PLANS DEPICTING THE WETLAND DELINEATION WHICH HAVE BEEN REVIEWED BY THE WETLAND SCIENTIST ARE INDIVIDUALLY STAMPED, SIGNED AND DATED.

SOILS NOTE:

THIS SOIL MAP IS WITHIN THE TECHNICAL STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY. IT IS A SPECIAL PURPOSE PRODUCT INTENDED FOR USE IN COMPLYING WITH THE NEW HAMPSHIRE ALTERATION OF TERRAIN (AOT) REGULATIONS (ENR-HQ 1000). IT WAS PRODUCED BY MARC JACOBS, NH CERTIFIED SOIL SCIENTIST #038, BASED UPON FIELD INVESTIGATIONS CONDUCTED IN NOVEMBER 2011 AND IS NOT A PRODUCT OF THE USDA NATURAL RESOURCES CONSERVATION SERVICE. THE SITE-SPECIFIC SOIL SURVEY WAS CONDUCTED ACCORDING TO SITE-SPECIFIC SOIL MAPPING STANDARDS FOR NEW HAMPSHIRE AND VERMONT, VERSION 3.0, DATED DECEMBER 2008 (SPECIAL PUBLICATION NO. 3) AS PUBLISHED AND MAINTAINED BY THE SOCIETY OF SOIL SCIENTISTS OF NORTHERN NEW ENGLAND (SSSNE) AS AMENDED. THERE IS A REPORT DATED DECEMBER 8, 2011 WHICH ACCOMPANIES THIS MAP. COPIES OF THE SOIL SURVEY MAP THAT HAVE BEEN REVIEWED BY THE SCIENTIST(S) ARE INDIVIDUALLY STAMPED, SIGNED, AND DATED.

SOIL SERIES #	SOIL SERIES NAME	DRAINAGE CLASS
4	POOTATUCK	MODERATELY WELL
5	RIPPONWAM	POOR
38	ELDRIDGE	MODERATELY WELL
299	UDORTHENTS	MODERATELY WELL
538	SQUANSCOTT	POOR
* = ESTIMATED		

SLOPE PHASE LEGEND (IN PERCENT)					
A	B	C	D	E	F
0-3	3-8	8-15	15-25	25-50	50+

REVISION		DATE	DESCRIPTION

SOILS MAP
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 0332-2863

SCALE : 1 IN. EQUALS 40 FT.
DATE : DECEMBER 6, 2011
FILE NO. : DB 2011-147

SOIL SCIENTIST
MARC E. JACOBS
CWS #90
CSS #038

TOTAL EMPLOYEES DURING LARGEST SHIFT = 50
10% WAREHOUSE USE = 5 EMPLOYEES
1 SPACE / EMPLOYEE = 5 REQUIRED SPACES
90% MANUFACTURING USE = 45 EMPLOYEES
1.5 SPACES / EMPLOYEE = 68 REQUIRED SPACE
TOTAL SPACES REQUIRED = 73
THIS PLAN PROVIDES A TOTAL OF 76 SPACES

SOILS : WEBSOIL
WINDSOR LOAMY
SAND 3-8% SLOPES

Symbol	Label	Qty	Catalog Number	Description	Lamp	Frg	Lumens	LLF	Watts
	B	2	KSF1 250M R4SC	Specification Area Luminaires, 250W Metal Halide, R4SC Sharp Cutoff Reflector, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	ONE (1) 250 WATT CLEAR BT20 PULSE START METAL HALIDE LAMP IN HORIZONTAL POSITION	KSF1_250M_R 4SC.lss	20000	0.81	594
						LAMP MOUNTED AT 20'			
	C	3	KSF1 250M R2	Specification Area Luminaires, 250W Metal Halide, R2 Reflector, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	ONE (1) 250 WATT CLEAR BT28 PULSE START METAL HALIDE LAMP IN HORIZONTAL POSITION	KSF1_250M_R 2.lss	20000	0.81	207
						LAMP MOUNTED AT 20'			
	E	11	WST 150M FT (PULSE START)	ARCHITECTURAL SCENCE WITH FORWARD THROW DISTRIBUTION WITH CLEAR, FLAT GLASS LENS, CLEAR LAMP MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	ONE 150-WATT CLEAR ED17 PULSE START METAL HALIDE, HORIZONTAL POS.	WST_150M_F T_(PULSE_ST ART).lss	12800	0.81	185
						LAMP MOUNTED AT 15'			

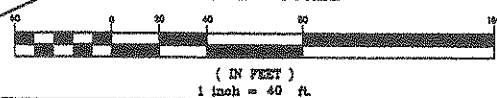
NOTES

- 1.) OWNER: EDWARD DIGIOVANNI JR.
282 CORPORATE DR.
PORTSMOUTH, NH 03801
- 2.) TAX MAP 132, LOT 37
- 3.) LOT AREA WITH RIVER: 207,337.52 ± Sq.Ft., 4.79± Ac.
LOT AREA NO RIVER: 190,908.32 Sq.Ft., 4.38 Ac.
- 4.) S.C.R.D. BOOK 3478, PAGE 578
- 5.) ZONING: INDUSTRIAL 3
SETBACKS:
FRONT - 25.0'
SIDE - 10.0'
REAR - 25.0'
WETLANDS SETBACK ~ 50.0'
90% BUILDING COVERAGE
- 6.) THERE ARE NO PRIME WETLANDS ON THE LOT.
- 7.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF. FEMA COMMUNITY #330100 - MAP # 3307C0211D, DATED MAY 17, 2008
- 8.) VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS.
- 9.) EXISTING LOT COVERAGE:
BUILDING: 16,673 Sq.Ft., 0.74 %
IMPERVIOUS AREA: 21,438 Sq.Ft., 11.24%
- 10.) PROPOSED OPEN SPACE ~ 108,313 Sq.Ft., 56.77%
PROPOSED IMPERVIOUS COVER ~ 82,493 Sq.Ft., 43.23%
PROPOSED BUILDING COVERAGE ~ 17.00%
- 11.) THE PROPOSED USE FOR THIS SITE IS LIGHT MANUFACTURING / WAREHOUSE
- 12.) THIS SITE IS SERVED BY MUNICIPAL WATER AND SEWER
- 13.) ON SITE UTILITY IS CURRENTLY ABOVE GROUND. ADDITIONAL UTILITIES WILL BE UNDERGROUND
- 14.) ALL MATERIALS AND CONSTRUCTION SHALL CONFORM WITH THE CITY OF ROCHESTER STANDARDS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 15.) ALL EROSION CONTROL NOTES SHALL INCLUDE PROVISIONS FOR CONSTRUCTION SEQUENCING, TEMPORARY EROSION CONTROL MEASURES, AND PERMANENT STANDARDS SUCH AS LOAM SPREAD RATE FOR DISTURBED AREAS, RATES OF LINE, TYPE AND RATES FOR FERTILIZER AND SEED AND MULCH MIXTURE WITH RATES OF APPLICATION.
REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF DURING CONSTRUCTION IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- 16.) ALL CONSTRUCTION SHALL CONFORM WITH LOCAL AND STATE STANDARDS.
- 17.) ALL TREATMENT SHALES TO BE CONSTRUCTED SHALL HAVE SOD BOTTOMS.
- 18.) ALL TEMPORARY LOAM STOCKPILES SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES.
- 19.) WRITTEN DIMENSIONS ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN THE EVENT OF A CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND/OR SPECIFICATIONS, THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR.
- 20.) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DISSAFE 1-888-344-7233 PRIOR TO ANY EXCAVATION.
- 21.) A SIGN PERMIT IS TO BE OBTAINED PRIOR TO ITS CONSTRUCTION.
- 22.) SEE SNOW STORAGE AREAS. EXCESS SNOW IS TO BE TRUCKED OFF-SITE AND DISPOSED OF PROPERLY.
- 23.) HOURS OF OPERATION FOR THE BUSINESS IS TO BE UN-RESTRICTED
- 24.) CONSTRUCTION ACTIVITY RELATED TO THIS SITE IS LIMITED TO 7:00 A.M. TO 6:00 P.M. MONDAY THROUGH FRIDAY AND 8:00 A.M. TO 8:00 P.M. SATURDAY.
- 25.) ALL OFF-SITE IMPROVEMENTS REQUIRED FOR THIS PROPOSAL WILL BE COMPLETED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- 26.) THIS PLAN PROPOSES 78,000 Sq.Ft. OF DISTURBANCE
- 27.) THIS PLAN IS DESIGNED TO ACCOMMODATE A WB97 DELIVERY VEHICLE. DELIVERIES TO THIS SITE WILL AVERAGE 7 PER WEEK. BOX TRUCK DELIVERIES OCCURE ON AVERAGE 6 TIMES A WEEK.
- 28.) PENDING PERMITTING, CONSTRUCTION WILL START EARLY TO MID MARCH AND WILL BE COMPLETED WITHIN 3 MONTHS OF START DATE.
- 29.) 2 DUMPSTERS ARE SHOWN ON THIS SITE PLAN. THIS IS FOR STANDARD DOMESTIC WASTE AS WELL AS METAL AND PLASTIC PARTICULATES. THERE IS NO SOLID OR HAZARDOUS WASTE GENERATED FROM THIS USE.
- 30.) THERE IS OVER 400' OF SITE DISTANCE IN BOTH DIRECTIONS AT THE DRIVEWAY ENTRANCE
- 31.) ALL PAINTED PAYMENT MARKINGS ARE TO BE REFLECTORIZED WHITE PAINT.
- 32.) PERIMETER LIGHTS ARE TO BE TURNED OFF AT THE CLOSE OF BUSINESS. WALL MOUNTED WALL PACKS ARE TO BE ON MOTION SENSORS.
- 33.) THE BUSINESS PROPOSES TO HAVE A MAXIMUM OF 50 EMPLOYEES ON ANY ONE SHIFT. TWO SHIFTS ARE PROPOSED.
- 34.) NO OFFENSIVE SMELLS OR NOISE IS GENERATED FROM THE PROPOSED USE.
- 35.) BEST MANAGEMENT PRACTICES ARE TO BE USED DURING ALL ASPECTS OF CONSTRUCTION
- 36.) LAMP POLE / BASE ARE TO BE SET 3' OFF THE EDGE OF PAVEMENT
- 37.) MSDS SHEETS ARE TO BE ON FILE WITH THE CITY OF ROCHESTER FIRE DEPARTMENT AND BUILDING DEPARTMENT PRIOR TO CO.
- 38.) SECONDARY CONTAINMENT FOR ALL HAZARDOUS MATERIALS OVER 5 GAL WILL BE PROVIDED.

WETLAND NOTE:

MANNA AND NATURAL DISSECTIONAL WETLAND BOUNDARIES WERE DELINEATED BY MARC JACOBS, CERTIFIED WETLAND SCIENTIST NUMBER 090, IN NOVEMBER 2001 ACCORDING TO THE STANDARDS OF THE U.S. ARMY CORPS OF ENGINEERS - WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-67-3, JANUARY 1987. (ENVIRONMENTAL LABORATORY, 1987: US ARMY ENGINEERS WATERWAYS EXPERIMENT STATION, WICKSBURG, MS); THE INTERIM REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, NORTH-CENTRAL AND NORTH-EAST REGION (U.S. ARMY CORPS OF ENGINEERS, 2008, NORTH-CENTRAL AND NORTH-EAST REGION, ED. J.S. WAKELY, R.W. LICHVAR, AND C.V. NOBLE. ERDC/EL TR-09-16. WICKSBURG, MS; U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER); AND THE CORPS ADMINISTRATIVE RULES, NEW DEPARTMENT OF ENVIRONMENTAL SERVICES-WETLANDS BUREAU, WASHINGTON, D.C. (U.S. ARMY CORPS OF ENGINEERS, 2004, NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE, 2004, 3RD ED. FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION, LOWELL, MA) AND THE FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7 (UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES SERVICE, WASHINGTON, D.C., 2004, NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE, VERSION 7.0. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.)). USDA, NRCS, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.) THE INDICATOR STATUS OF PHYTOHYDRIC VEGETATION WAS DETERMINED ACCORDING TO THE NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTH-EAST REGION, U.S. FISH AND WILDLIFE SERVICE (MAY 1988). COPIES OF SITE PLANS FOR THE NEW ENGLAND HYDRIC SOILS HAVE BEEN REVIEWED BY THE WETLAND SCIENTIST ARE INDIVIDUALLY STAMPED, SIGNED AND DATED.

GRAPHIC SCALE



- ☒ CATCH BASIN
- ☒ SEWER MAN HOLE
- ☒ UTILITY POLE
- STEEL STAKE/ IRON BOUND (FND)
- IRON PIPE (FND)
- ☒ NHHB (FND)
- ☒ TREE
- ☒ MONITORING WELL
- GUY WIRE
- TREE LINE

- JURISDICTIONAL WETLAND BOUNDARY
- BUILDING SETBACK LINES
- OVERHEAD UTILITY LINES
- 250' SHORELAND ZONE
- 130' WOODLAND BUFFER ZONE
- 75' ROCHESTER COCHEGO SETBACK
- 50' SHORELAND ZONE
- FLOOD ZONE

MARC E. JACOBS
CWS #90

MARC E. JACOBS
CSS #038

I CERTIFY THAT THIS PLAT EXCEEDS THE
MINIMUM REQUIREMENT FOR ACCURACY AND
COMPLETENESS OF THE STATE OF N.H. AND
OF THE CITY OF ROCHESTER. - 1:10,000 -

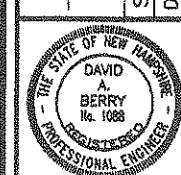
DAVID A. BERRY RLS 328 DATE

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 332-2863

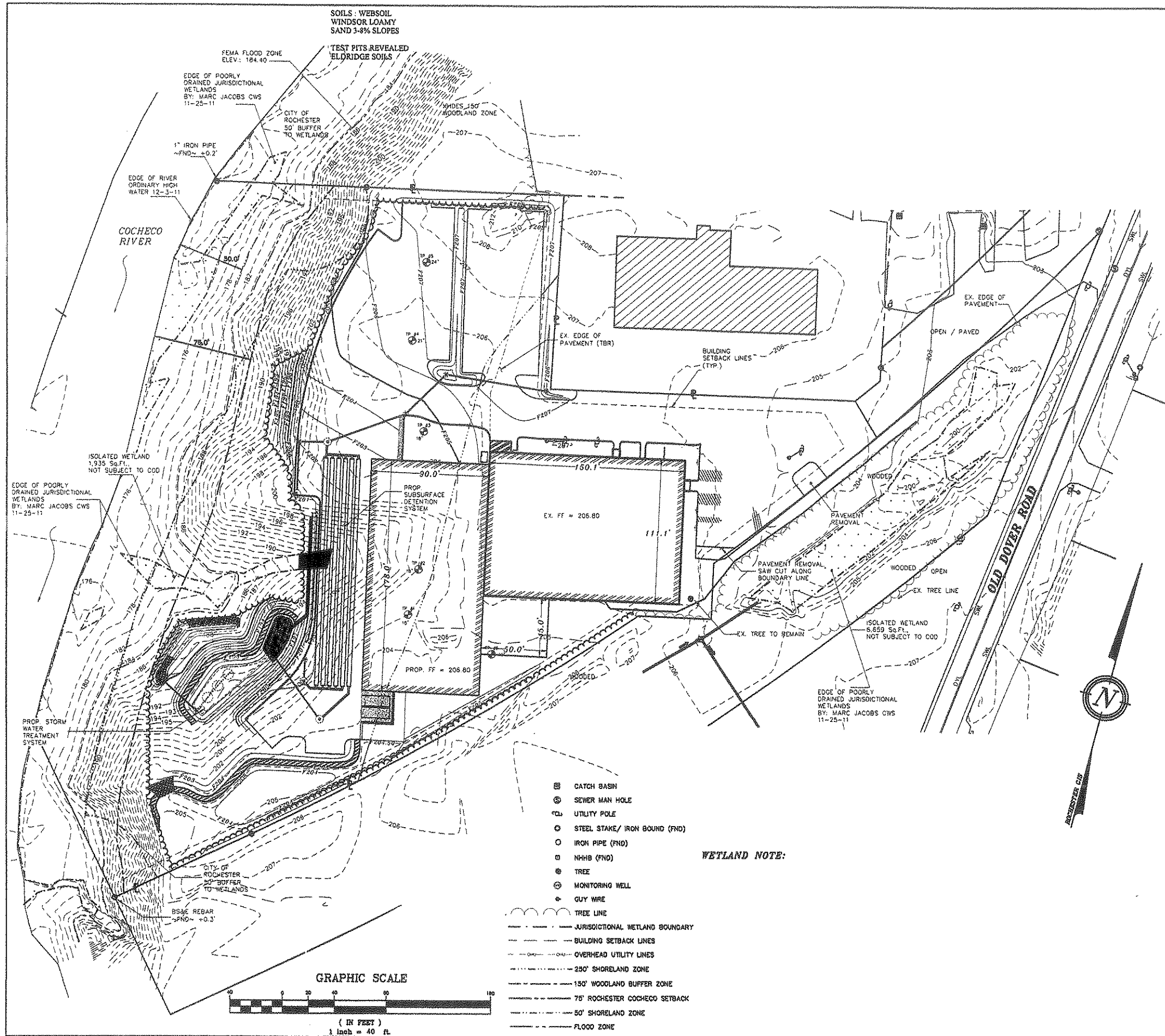
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DATE : FEBRUARY 1, 2012

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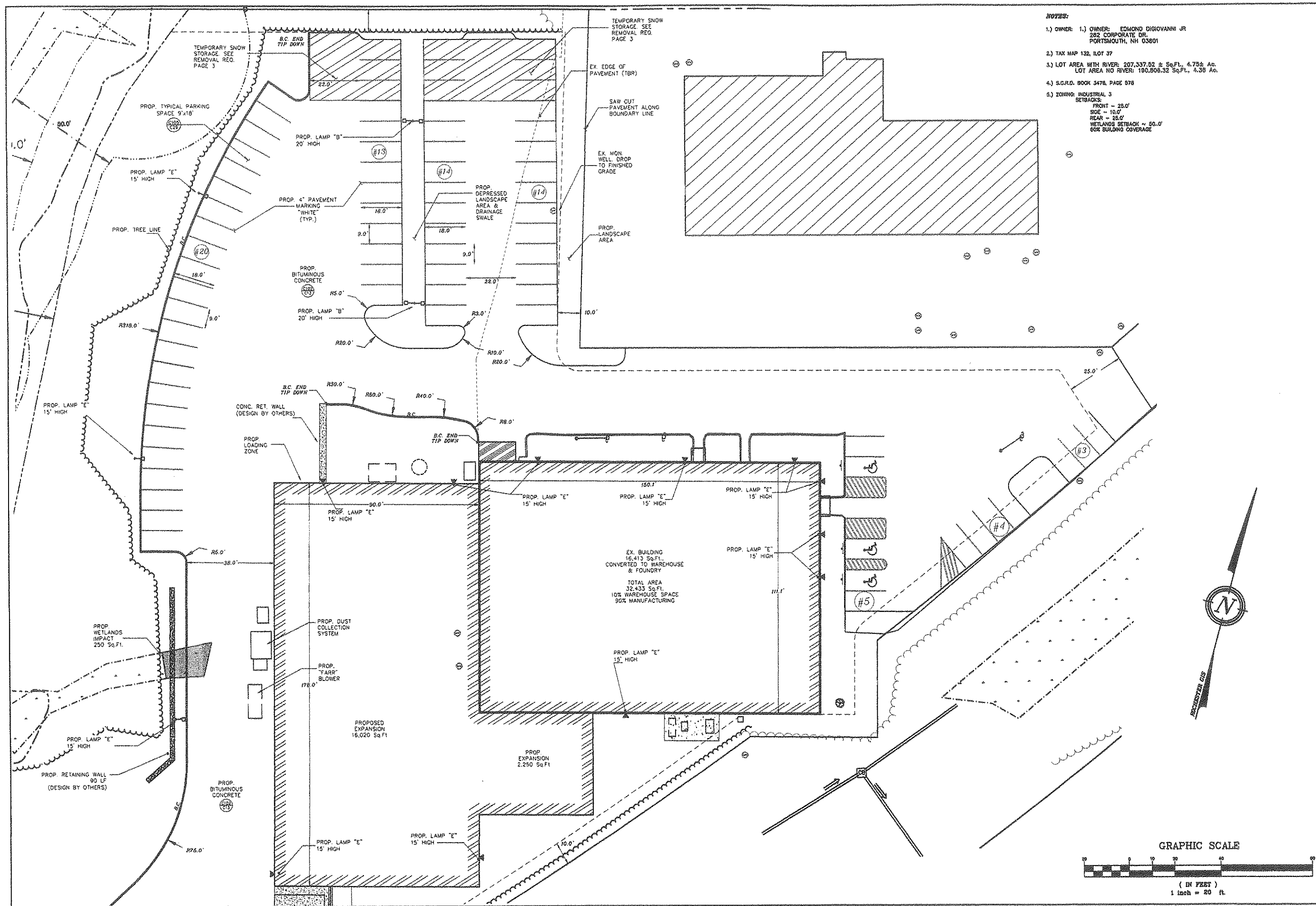
REVISION	DATE	DESCRIPTION

OVERALL GRADING PLAN
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 332-2863
SCALE : 1 IN. EQUALS 40 FT.
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147

THE STATE OF NEW HAMPSHIRE
DAVID A. BERRY
No. 1088
REGISTERED PROFESSIONAL ENGINEER

PAGE OF



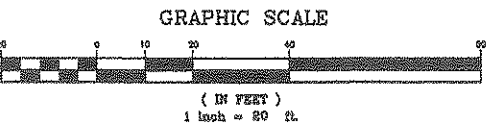
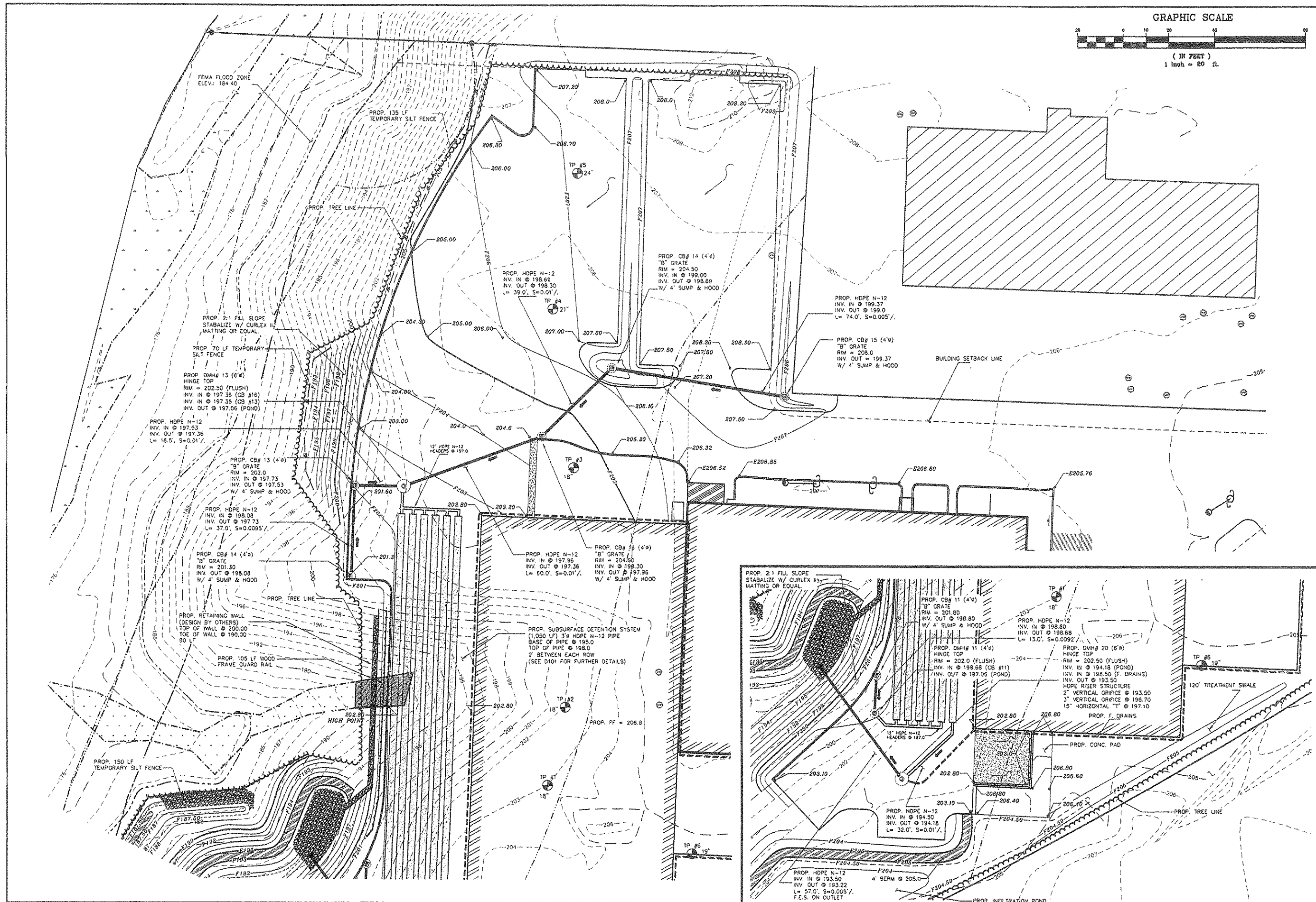
- NOTES:
- 1.) OWNER: 1.) OWNER: EDMOND DIGIOVANNI JR
282 CORPORATE DR.
PORTSMOUTH, NH 03801
 - 2.) TAX MAP 132, LOT 37
 - 3.) LOT AREA WITH RIVER: 207,537.52 ± Sq.Ft., 4.73± Ac.
LOT AREA NO RIVER: 190,908.32 Sq.Ft., 4.38 Ac.
 - 4.) S.O.R.D. BOOK 3478, PAGE 578
 - 5.) ZONING: INDUSTRIAL 3
SETBACKS:
FRONT - 25.0'
SIDE - 10.0'
REAR - 25.0'
WETLANDS SETBACK ~ 50.0'
80% BUILDING COVERAGE

REVISION	DATE	DESCRIPTION

DETAILED SITE PLAN
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

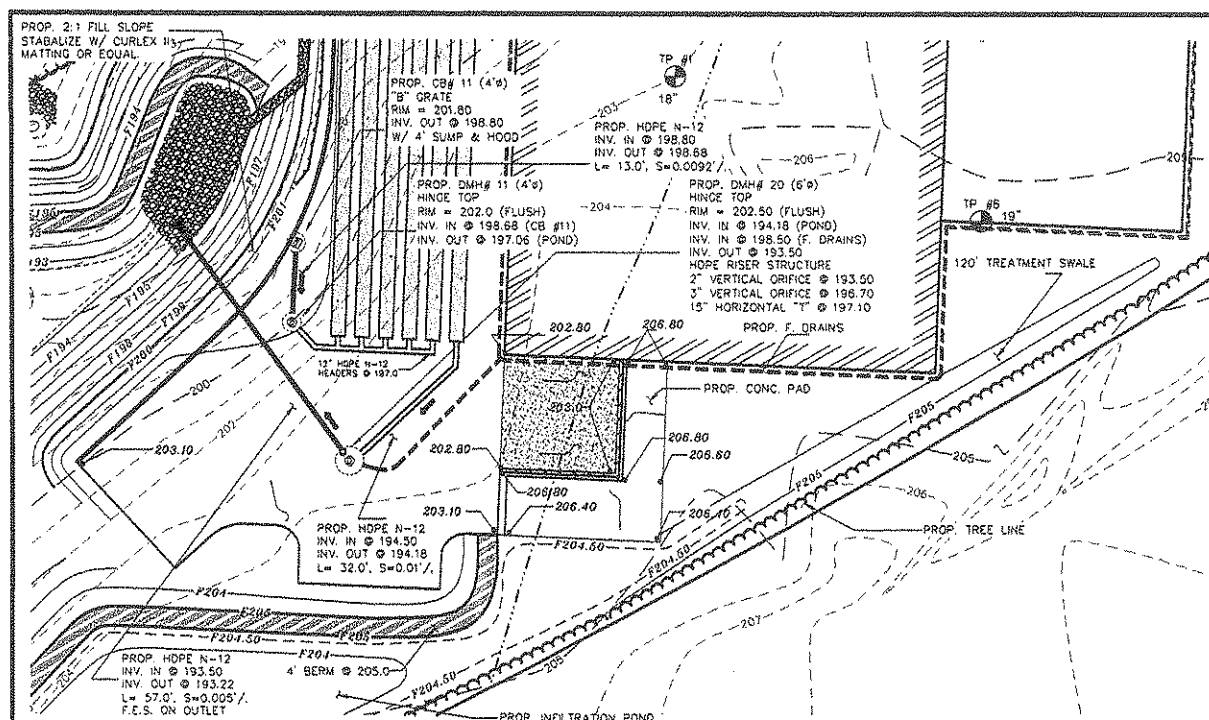
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147

DAVID A. BERRY
No. 1088
REGISTERED PROFESSIONAL ENGINEER
- THE STATE OF NEW HAMPSHIRE -



REVISION		DATE	DESCRIPTION

DETAIL GRADING PLAN
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37



BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 0332-2863

SCALE: 1 IN. = 20 FT.

DATE: FEBRUARY 1, 2012

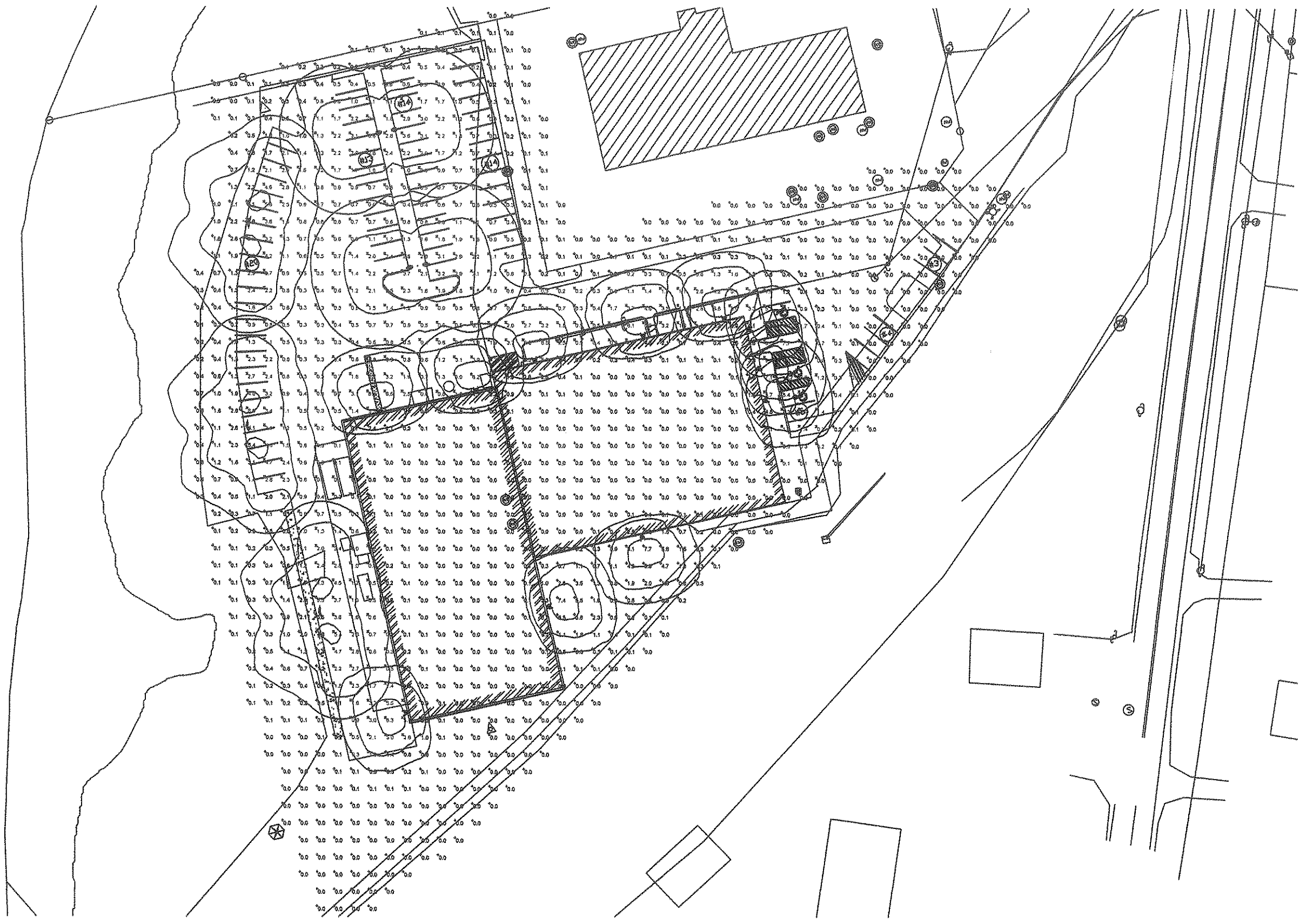
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THE STATE OF NEW HAMPSHIRE

DAVID A. BERRY

No. 1088

PROFESSIONAL ENGINEER

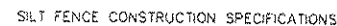


BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, N.H. 332-2863
SCALE : 1 IN. EQUALS 30 FT.
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147

THE STATE OF NEW HAMPSHIRE
DAVID A. BERRY
REGISTERED PROFESSIONAL ENGINEER

OVERALL LIGHTING PLAN
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

REVISION	DATE	DESCRIPTION



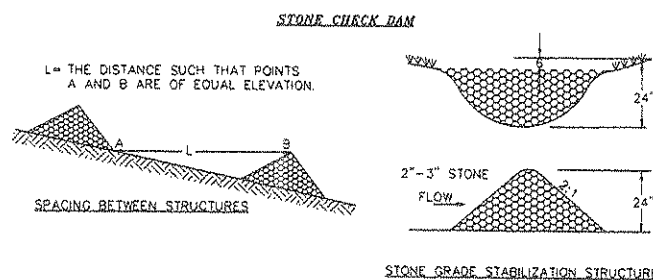
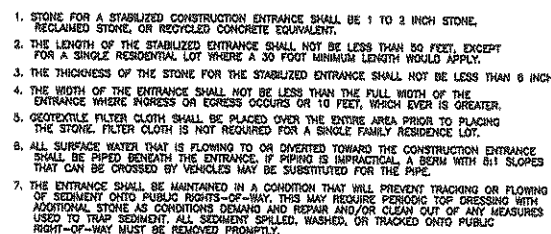
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A
2. MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 18" INTO THE GROUND WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER.
3. THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEEDMENT FROM BY-PASSING MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEEDMENT
4. REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE
5. FOR SEDIMENT STORAGE SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND
6. THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED

SILT FENCE MAINTENANCE

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME
2. INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT.
3. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE
4. FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE DETAIL
N.T.S.

E1



SALES TO REMAIN UNTIL SUBBASE PREPARATION IS COMPLETE
AND PAVING IS TO BEGIN OR UNTIL ALL UPSTREAM AREAS ARE
STABILIZED WITH VEGETATION.

CONSTRUCTION SPECIFICATIONS FOR STRAW OR HAY BALE BARRIERS

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT BY MANPOWER SO THAT EXCESS AIR AND WATER POLLUTION WILL BE MINIMIZED.
3. WHEN ANY SHALES ARE USED AS SUBSTRATE, THE SUBSTRATE AT LEAST 4 INCHES INTO THE SOIL. WHEN TIMBER STRUCTURES ARE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
4. NEW STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 3" X 3" STAKES DRIVEN THROUGH THE BALE AND AT LEAST 18 INCHES INTO THE SOIL.
5. SEEDING, FERTILIZING, AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE VEGETATIVE SAMP.
6. STRUCTURES SHALL BE REMOVED FROM THE CHANNEL, WHEN THEIR USEFUL LIFE HAS BEEN COMPLETED.

SEDIMENT CONTROL AT CATCH BASINS
NOT TO SCALE



ALL STRUCTURES SHOULD BE INSPECTED AFTER EVERY RAIN STORM AND REPAIRS MADE AS NECESSARY. SEDIMENT SHOULD BE REMOVED FROM TRAPPING DEVICES AFTER THE SEDIMENT HAS REACHED A MAXIMUM OF ONE HALF THE DEPTH OF THE TRAP. THE SEDIMENT SHOULD BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURE OR VEGETATIVE MEANS. THE TEMPORARY TRAPS SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.

BLOCK & GRAVEL DROP
INLET SEDIMENT FILTER
NOT TO SCALE

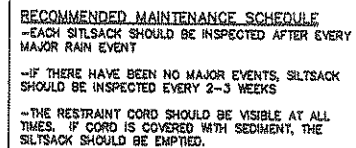
E7



TEMPORARY EROSION CONTROL MEASURES

1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME
2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER
3. ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS THIS SHEET)

3a. ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 60 DAYS. AT ANY ONE TIME, NO MORE THAN 5 ACRES, (217,800 Sq. Ft.) WILL BE DISTURBED.
4. SILT FENCES AND STRAW OR HAY BALES BARRIERS SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY RAIN DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED. SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
5. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED



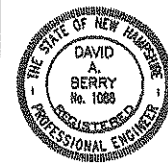
SILTSACK DETAIL
NOT TO SCALE

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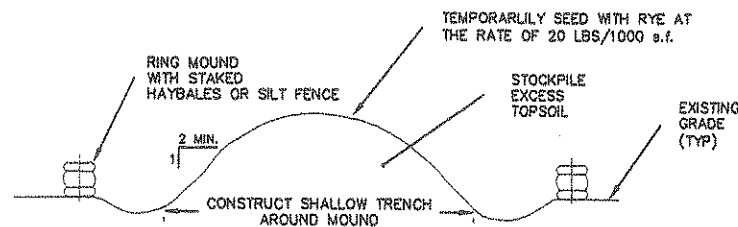
REVISION	DATE	DESCRIPTION

SEDIMENT & EROSION CONTROL DETAILS
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}
SCALE : AS MARKED
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147



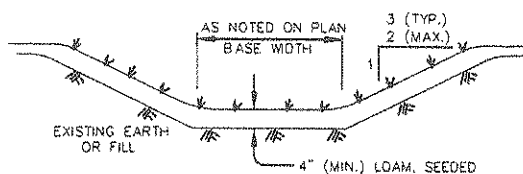
E15



TOPSOIL STOCKPILE MOUND
NOT TO SCALE

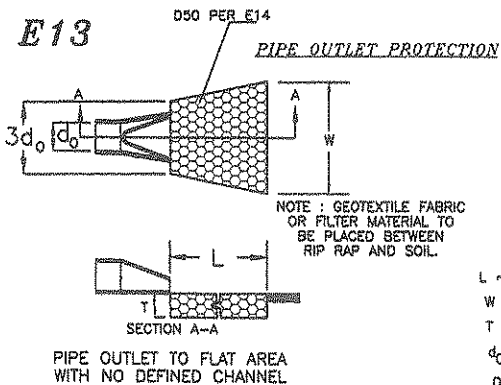
E18

SOD IS REQUIRED BETWEEN 2+50-3+50 (R) FOR INSTANT STABILIZATION
LOAM & SEED IS ACCEPTABLE FROM 3+50-END (R)



GRASS ROADSIDE SWALE
NOT TO SCALE

E13



PIPE OUTLET PROTECTION CONSTRUCTION SPECIFICATIONS

1. THE SUB GRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIP RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
2. THE ROCK OR GRAVEL USED FOR FILTER OF RIP RAP SHALL CONFORM TO THE SPECIFIED GRADATION.
3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP RAP DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
4. STONE FOR THE RIP RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.

RIP-RAP APRON #1

TABLE 7-24--- RIP RAP GRADATION RANGES			
D50 SIZE=	0.75	FEET	9 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN D50 SIZE	SIZE OF STONE (INCHES) FROM		TO
100%	14		18
85%	12		16
50%	9		14
15%	3		6

E14

WINTER STABILIZATION NOTES

E17

1. All disturbed areas that do not have at least 85% vegetative coverage prior to October 15th, shall be stabilized by applying mulch at a rate of 3-4 tons per acre. All side slopes, steeper than 4:1, that are not directed to swales or detention basins, shall be lined with biodegradable/photodegradable "jute matting" (Excelsior's Cuxlex II or equal). All other slopes shall be mulched and tacked at a rate of 3-4 tons per acre. The application of mulch and/or jute matting shall not occur over existing snow cover. If the site is active after November 15th, any snow that accumulates on disturbed areas shall be removed. Prior to spring thaw all areas will be stabilized, as directed above.
2. All swales that do not have fully established vegetation shall be either lined with temporary jute matting or temporary stone check dams (appropriately spaced). Stone check dams will be maintained throughout the winter months. If the swales are to be matted with permanent liners or riprap with engineering fabric, this shall be completed prior to winter shutdown or as soon as they are properly graded and shaped.
3. Prior to Nov. 15th all roadway and parking areas shall be brought up to and through the bank run gravel application. If these areas' elevations are proposed to remain below the proposed subgrade elevation, the subgrade material shall be roughly crowned and a 3" layer of crushed gravel shall be placed and compacted. This will allow the subgrade to shed runoff and will reduce roadway erosion. This crushed gravel does not have to conform to NH DOT 304.3, but shall have between 15-25% passing the #200 sieve and the largest stone size shall be 2". If the site is active after November 15th, any accumulated snow shall be removed from all roadway and parking areas.
4. After October 15th, the end of New Hampshire's average growing season, no additional loam shall be spread on side slopes and swales. The stockpiles that will be left undisturbed until spring shall be seeded by this date. After October 15th, any new or disturbed piles shall be mulched at a rate of 3-4 tons per acre. All stockpiles that will remain throughout the winter shall be surrounded with silt fencing.

SEEDING SPECIFICATIONS

SEEDING GUIDE

USE	SEEDING MIXTURE 1/2	WELL DRAINAGE	MODERATELY WELL DRAINAGE	POORLY DRAINAGE
STEEP CUTS AND FILL, SLOPES AND AREAS	A	B	C	D
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER	A	B	C	D
LIGHTLY USED PARKING LOTS, SIDE AREAS, UNPAVED LARMS, AND LOW TRAFFIC USE RECREATION SITES	A	B	C	D
PLAY AREAS AND ATHLETIC FIELDS (OPTION: 2.5% SOD)	A	B	C	D
GRAVEL PIT, SEE NH-PW-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS	A	B	C	D

SEEDING RATES

MIXTURE	SEEDING RATE PER ACRE	POUNDS PER 1,000 S.F.
A. TALL FESCUE	20	0.45
B. TALL FESCUE AND PERENNIAL RYE GRASS	20	0.45
C. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
D. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
E. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
F. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
G. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
H. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
I. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
J. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
K. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
L. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
M. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
N. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
O. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
P. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
Q. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
R. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
S. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
T. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
U. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
V. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
W. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
X. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
Y. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45
Z. TALL FESCUE AND PERENNIAL RYE GRASS WITH CROWN VETCH	20	0.45

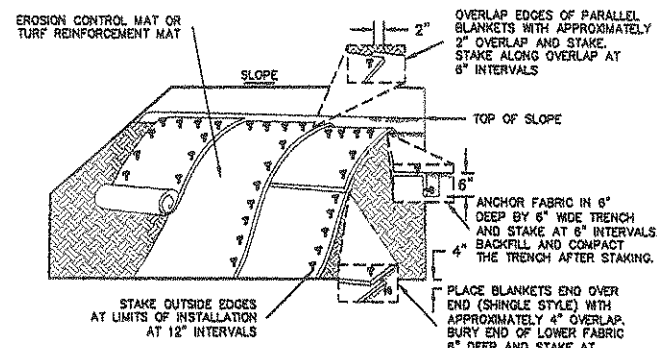
1. Grading and Shaping
 - a. Slopes shall not be steeper than 2:1:1 slopes or flatter are preferred. Where mowing will be done, 3:1 slopes or flatter are recommended.
2. Seeded Preparation
 - a. Surface and seepage water should be drained or diverted from the site to prevent drowning or winter killing of the plants.
 - b. Stones larger than 4 inches and trash should be removed because they interfere with seeding and future maintenance of the area. Where feasible, the soil should be tilled to a depth of about 4 inches to prepare a seedbed and mix fertilizer and lime into the soil. The seedbed should be left in reasonably firm and smooth condition. The last tillage operation should be performed across the slope wherever practical.
3. Establishing a Stand
 - a. Lime and fertilizer should be applied prior to or at the time of seeding and incorporated into the soil. The kind and amount of lime and fertilizer should be based on an evaluation of soil tests. When a soil test is not available, the following minimum amounts should be applied:
 - Agricultural limestone, 2 tons per acre or 100lbs. per 1,000 sq.ft.
 - Nitrogen(N), 50lbs. per acre or 1.1lbs. per 1,000 sq.ft.
 - Phosphate(P2O5), 100lbs. per acre or 2.2lbs. per 1,000 sq.ft.
 - Potash(K2O), 100lbs. per acre or 2.2lbs. per 1,000 sq.ft.
 (Note: This is the equivalent of 500lbs. per acre of 10-20-20 fertilizer or 1,000lbs. per acre of 5-10-10.)
4. Mulch
 - a. Hay, straw, or other mulch, when needed, should be applied immediately after seeding.
 - b. Mulch will be held in place using appropriate techniques from the Best Management Practice for mulching. Hay or straw mulch shall be placed at a rate of 90lbs per 1000 s.f.
5. Maintenance to Establish a Stand
 - a. Planted area should be protected from damage by fire, grazing, traffic, and dense weed growth.
 - b. Fertilization needs should be determined by onsite inspections. Supplemental fertilizer is usually the key to fully complete the establishment of the stand because most perennial take 2 to 3 years to become established.
 - c. In waterways, channels, or swales where uniform flow conditions are anticipated, occasional mowing may be necessary to control growth of woody vegetation.
6. Seed should be spread uniformly by the method most appropriate for the site. Methods include broadcasting, drilling and hydroseeding. Where broadcasting is used, cover seed with .25 inch of soil or less, by cultipacking or rolling.
7. Refer to Tables (E-1) through (E-11) for appropriate seed mixtures and Tables (E-12) through (E-14) for rates of seeding. All legumes (crownvetch, birdfoot trefoil, and alfalfa) must be inoculated with their specific inoculant.
8. When seeded areas are mulched, plantings may be made from early spring to early October. When seeded areas are not mulched, plantings should be made from early spring to May 20 or from August 10 to September 1.

DEFINITION OF STABLE:

1. WHEN A BARE COURSE GRAVEL HAS BEEN INSTALLED IN AN AREA TO BE PAVED
2. WHEN A MINIMUM OF 85% VEGETATIVE COVERAGE HAS BEEN ESTABLISHED
3. WHEN A MINIMUM OF 3" OF NON-EROSIVE MATERIAL, SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED
4. WHEN PROPER EROSION CONTROL BLANKETS, SUCH AS CUXLEX II, C300 OR OTHER DOT APPROVED MATTING, HAS BEEN INSTALLED PROPERLY.

E21

E20



NOTE: STAKING PATTERNS SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS.
MINIMUM SPACING 3' - 0" O.C. ACROSS FABRIC.

**INSTALLATION OF
EROSION CONTROL FABRICS**
NOT TO SCALE

CONSTRUCTION SEQUENCE:

- 1.) CUT AND REMOVE TREES IN CONSTRUCTION AREA ONLY AS REQUIRED
- 2.) CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT EROSION AND DETENTION CONTROL FACILITIES AS REQUIRED.
- 3.) EROSION, SEDIMENT AND DETENTION CONTROL FACILITY SHALL BE INSTALLED & STABILIZED PRIOR TO ANY EARTH MOVING OPERATION & OR DIRECTING RUNOFF TO THEM.
- 4.) CLEAR, CUT AND DISPOSE OF DEBRIS IN APPROVED FACILITY
- 5.) CONSTRUCT TEMPORARY CULVERTS AS REQUIRED, OR DIRECTED
- 6.) CONSTRUCT ROADWAYS FOR ACCESS TO DESIRED CONSTRUCTION AREAS. ALL ROADS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING
- 7.) INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
- 8.) BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEED OR MULCHED AS REQUIRED, OR DIRECTED. NO AREA IS ALLOWED TO BE DISTURBED FOR A LENGTH OF TIME THAT EXCEEDS 60 DAYS BEFORE BEING STABILIZED. DAILY, OR AS REQUIRED.
- 9.) CONSTRUCT TEMPORARY BEAMS, DRAINS DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- 10.) INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION
- 11.) COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 12.) REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE.
- 13.) SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
- 14.) FINISH PAVING ALL ROADWAYS

E22

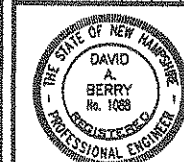
E19

E-102

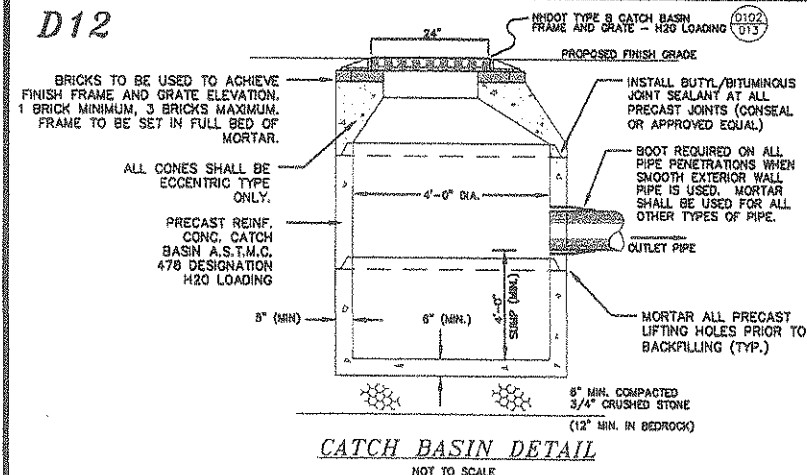
SEDIMENT & EROSION CONTROL DETAILS
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)

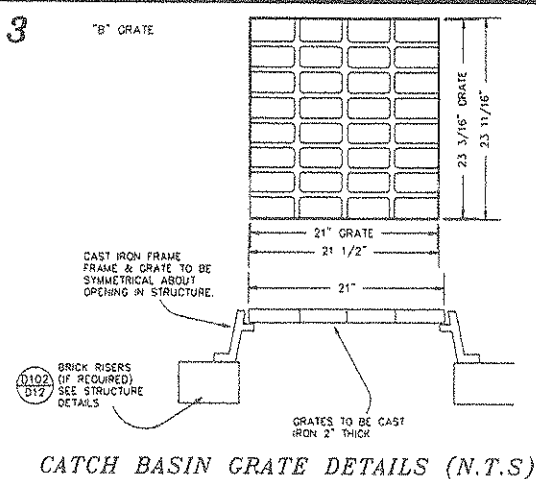
SCALE: AS MARKED
DATE: FEBRUARY 1, 2012
FILE NO.: DB 2011-147



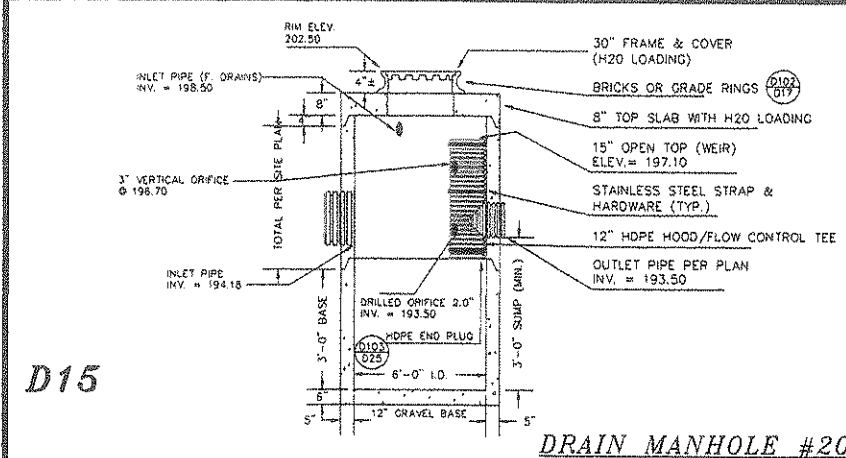
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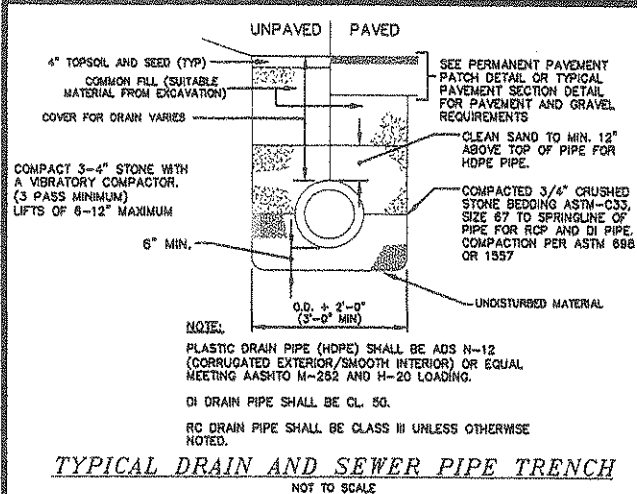
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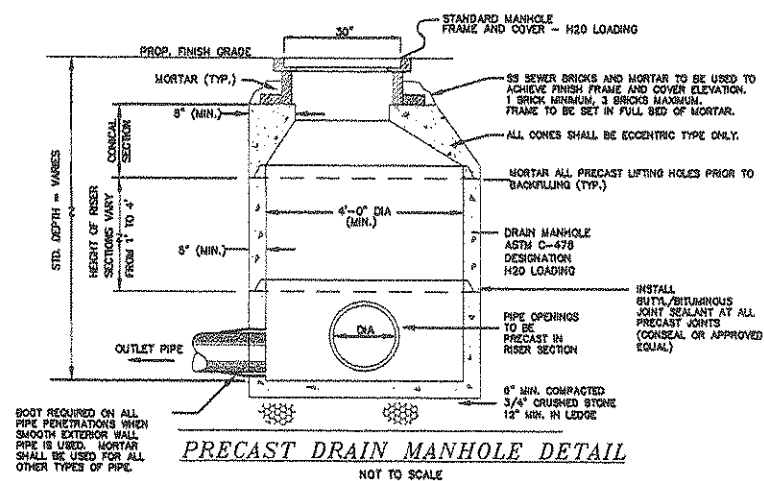
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D16



D17

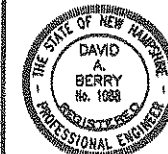


D18

REVISION	DATE	DESCRIPTION

DRAINAGE CONSTRUCTION DETAILS
 FOR
 THOMPSON INVESTMENT CASTING
 41 OLD DOVER ROAD
 ROCHESTER, N.H.
 TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}
SCALE : AS MARKED
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147

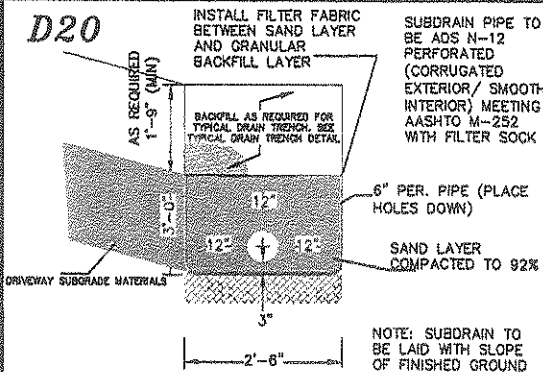


D19

D20

D21

D22



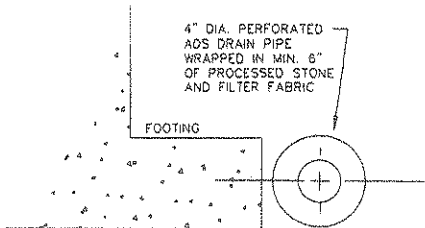
TYPICAL CROSS SECTION

NOTES:

1. CROWN OF 6" SUBDRAIN PIPES TO MATCH CROWN OF DRAIN PIPES IN CATCH BASINS
2. SUBDRAIN TO BE INSTALLED AS INDICATED ON THE DRAWINGS AND AS DIRECTED BY THE ENGINEER.
3. SHORING AND STABILIZING OF TRENCH SIDEWALLS DURING EXCAVATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY TRENCH EXCAVATION BEYOND THE LIMITS OF PAY EXCAVATION INDICATED.

SUBDRAIN DETAIL TYPICAL
NOT TO SCALE

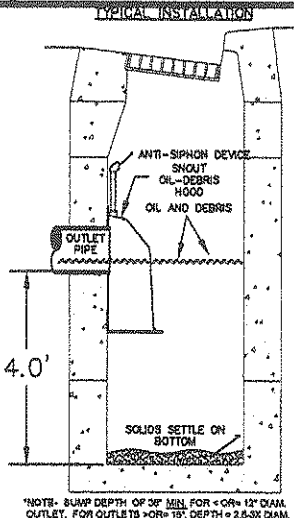
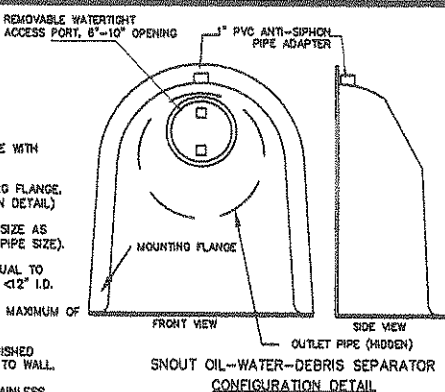
FOUNDATION DRAINS



NOTES:

1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY BEST MANAGEMENT PRODUCTS, INC. 53 W. ANCHOR RD. LYME, CT 06371 (800) 434-0277, (800) 434-3188 FAX TOLL FREE (800) 504-0008 OR (800) 434-0277 WEB SITE: www.bmproducts.com OR PRE-APPROVED EQUAL
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
3. ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT PIPE AND ELBOW AS DRAWN. (SEE CONFIGURATION DETAIL)
4. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION (SNOUT SIZE ALWAYS LARGER THAN PIPE SIZE).
5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A MINIMUM DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL AND PIPE SHALL BE FINISHED FLUSH TO WALL.
8. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
9. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT. INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. 3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS

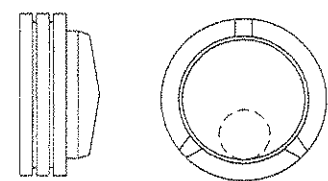
D23



D26

D25

12" HDPE N-12 "SPLIT END CAP". ADS PRODUCT #1567-AA.(OR EQUIV.)



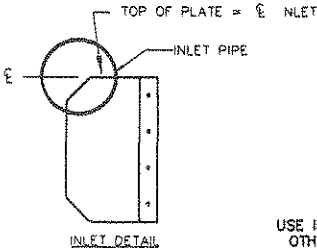
END VIEW

END VIEW

HDPE SPLIT END CAP
NOT TO SCALE

NOTES:

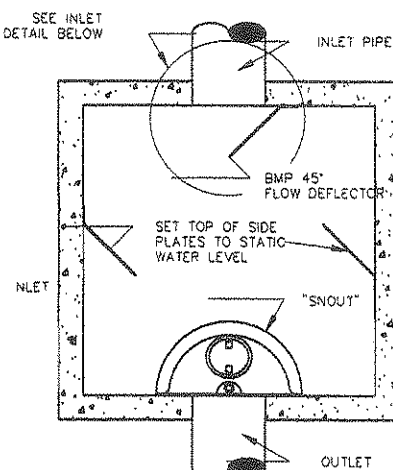
1. ALL FLOW DEFLECTORS FOR WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY BEST MANAGEMENT PRODUCTS, INC. 53 W. ANCHOR RD. LYME, CT 06371 (800) 434-0277, (800) 434-3188 FAX TOLL FREE (800) 504-0008 OR (800) 434-7888 WEB SITE: www.bmproducts.com OR PRE-APPROVED EQUAL
2. ALL FLOW DEFLECTORS SHALL BE CONSTRUCTED OF 7 GA. STAINLESS STEEL GRADE 1304
3. THE SIZE AND POSITION OF THE DEFLECTOR SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION (SEE INLET DETAIL).
4. THE TOP OF THE DEFLECTOR ADJACENT TO THE INLET PIPE SHALL EXTEND DOWNWARD FROM A POSITION AT THE SAME ELEVATION AS THE CENTERLINE OF THE OUTLET PIPE. ADDITIONAL DEFLECTORS SHALL EXTEND DOWNWARD FROM THE STATIC WATER LEVEL.
5. THE SURFACE OF THE STRUCTURE WHERE THE DEFLECTOR IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
6. THE DEFLECTOR SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
7. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT. INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. 3/8" STAINLESS STEEL BOLTS
C. ANCHOR SHIELDS



SPECIFICATION FOR
FLOW DEFLECTOR FOR
WATER QUALITY STRUCTURES

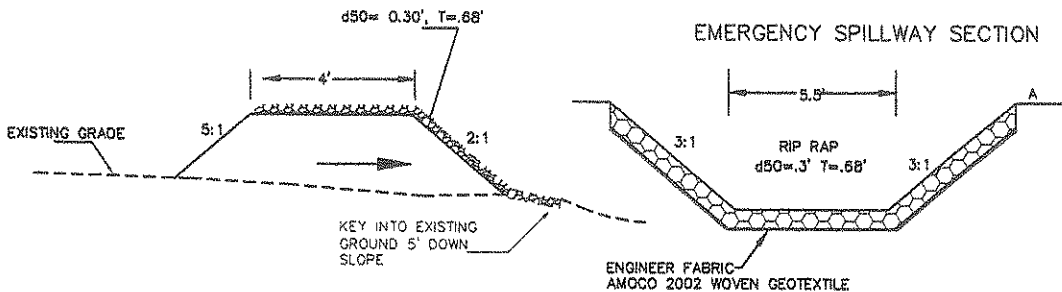
USE IN DMH 7A REQUIRED
OTHERS RECOMMENDED

D24



D27

EMERGENCY SPILLWAY PROFILE



EMERGENCY SPILLWAY DETAILS
NOT TO SCALE

D-103

REVISION	DATE	DESCRIPTION

DRAINAGE CONSTRUCTION DETAILS
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}
SCALE: AS MARKED
DATE: FEBRUARY 1, 2012
FILE NO.: DB 2011-147

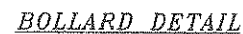




NOTES:

- BITUMINOUS CONCRETE PAVEMENT SECTION (PARKING LOT)

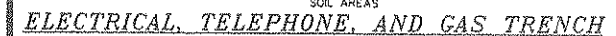
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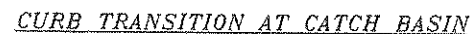
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



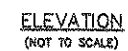
NOT TO SCALE

- NOTES:

- 1.) PROVIDE EXPANSION JOINT MATERIAL WHERE CURB RAMP ADJOINS ANY RIGID PAVEMENT, SIDEWALK OR STRUCTURE WITH THE TOP OF JOINT FILLER PLUS SEALANT FLUSH WITH ADJACENT CONCRETE SURFACE.
- 2.) SEAL JOINTS WITH AN APPROVED SEALING MATERIAL.
- 3.) PROVIDE SLIP RESISTANT TEXTURE ON CURB RAMP BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP. EXTEND TEXTURE THE FULL WIDTH AND LENGTH OF THE CURB RAMP INCLUDING FLARED SIDE RAMPS.
- 4.) CURB RAMP AND SIDE FLARE LENGTHS ARE VARIABLE AND BASED ON CURB HEIGHT AND THE SIDEWALK PITCH.
- 5.) WHENEVER POSSIBLE, CONSTRUCT THE TRANSITION SLOPE FROM THE CURB RAMP AND FLARE SIDES TO ADJOINING SURFACES WITH A GRADUAL CURVE RATHER THAN AN ABRUPT ANGLE.

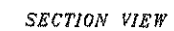
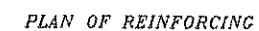
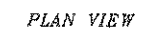


(NOT TO SCALE)



ON-SITE ACCESSIBLE RAMP

NOT TO SCALE



- NOTES:

- 1.) CONFIRM SIZE WITH ELECTRIC COMPANY BEFORE CONSTRUCTION.
2.) USE LOCAL ELECTRIC COMPANY DETAILS AS REQUIRED.

TRANSFORMER PAD DETAIL

NOT TO SCALE

REVISION	DATE	DESCRIPTION

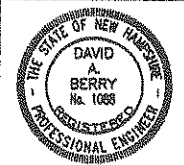
CONSTRUCTION DETAILS
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}

SCALE : AS MARKED

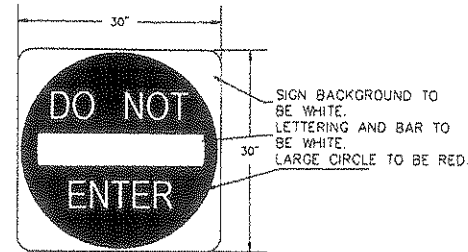
DATE : FEBRUARY 1, 2012

FILE NO. : DB 2011-147

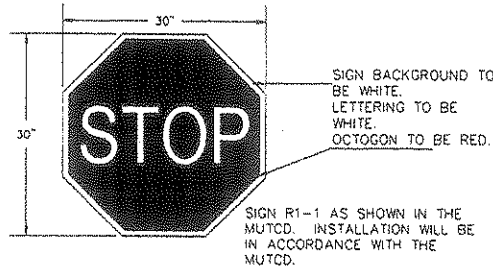


C-103

C26



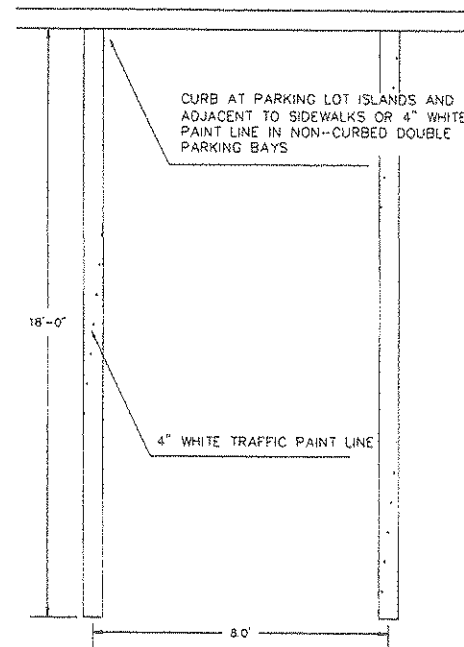
SIGN R5-1 AS SHOWN IN THE MUTCD. INSTALLATION WILL BE IN ACCORDANCE WITH THE MUTCD.



SIGN R1-1 AS SHOWN IN THE MUTCD. INSTALLATION WILL BE IN ACCORDANCE WITH THE MUTCD.

C27

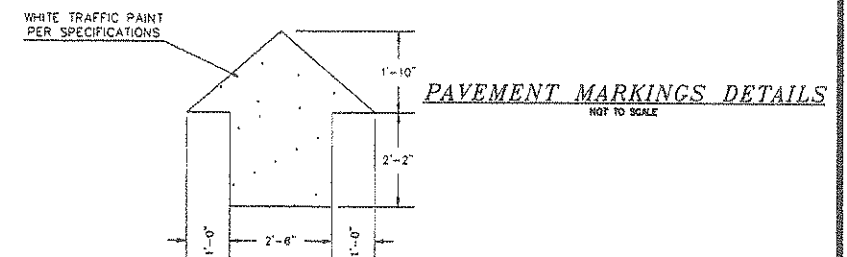
PARKING SPACE DETAIL
NOT TO SCALE



NOTES:

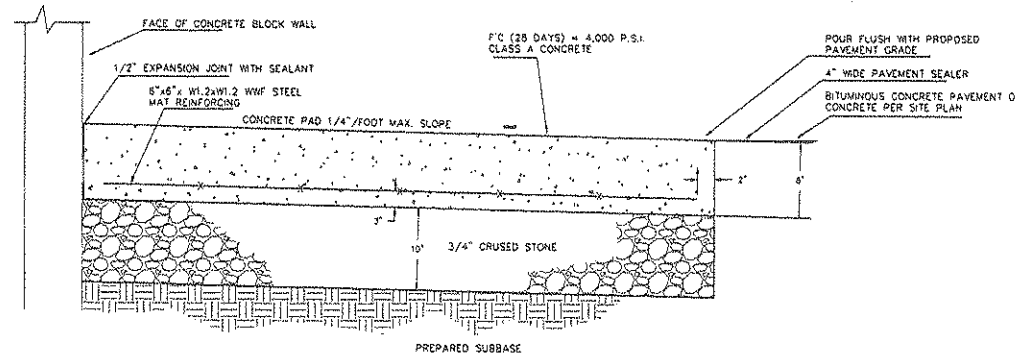
- 1.) PROVIDE TWO COATS OF PAINT ON ALL PARKING LINES.
- 2.) SEE PROPOSED SITE PLANS FOR LOCATION OF PARKING SPACES.

C29



PAVEMENT MARKINGS DETAILS
NOT TO SCALE

C28



SECTION VIEW

DUMPSTER PAD & CONCRETE PAVEMENT
NOT TO SCALE

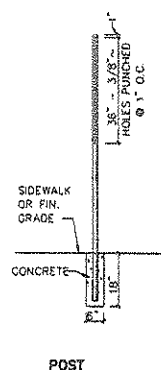
C32



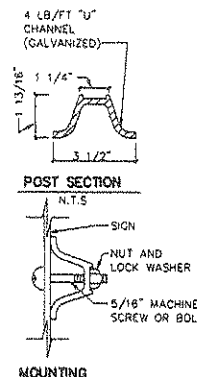
PARTIAL ELEVATION
N.T.S.



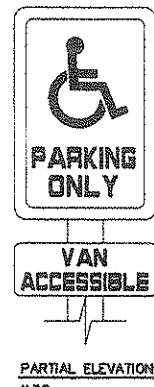
PARTIAL ELEVATION
N.T.S.



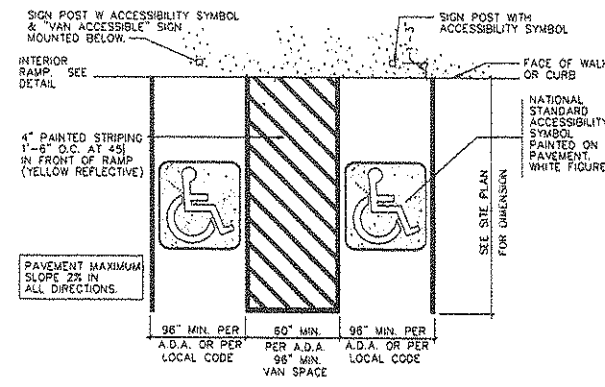
POST
N.T.S.



MOUNTING
N.T.S.



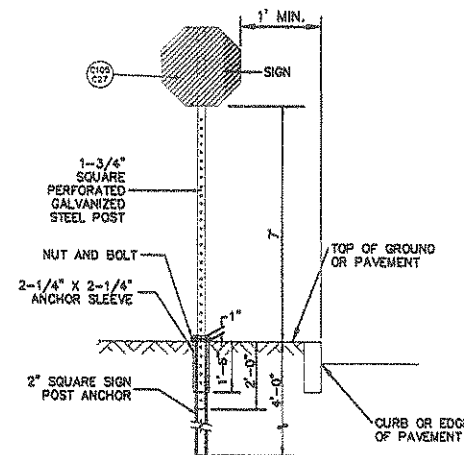
PARTIAL ELEVATION
N.T.S.



C30

PARKING STALL SIGNAGE FOR THE PHYSICALLY CHALLENGED
NOT TO SCALE

C31



NOTES:

1. ALL SIGNAGE SHALL BE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND NHDOT STANDARDS.
2. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS/CATALOG CUTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ERECTING SIGNS.
3. THE LOCATION OF THE SIGNS SHALL BE AS INDICATED ON THE DRAWINGS

TYPICAL SIGN POST
(NOT TO SCALE)

C-104

REVISION	DATE	DESCRIPTION

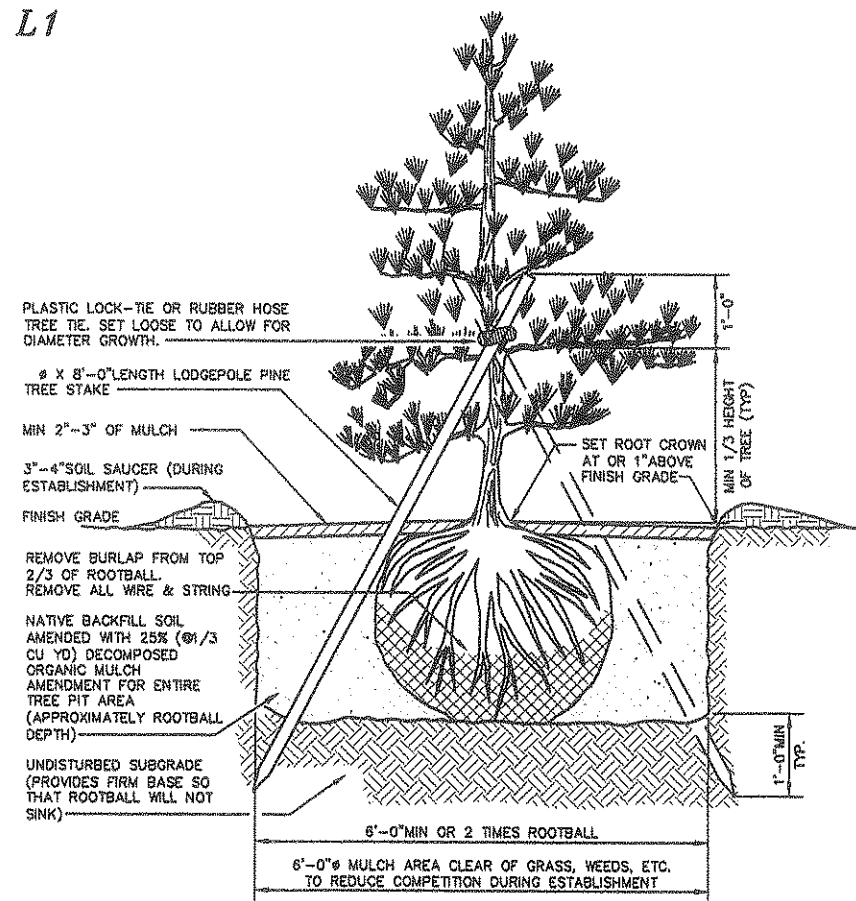
CONSTRUCTION DETAILS FOR THOMPSON INVESTMENT CASTING 41 OLD DOVER ROAD ROCHESTER, N.H. TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 {332-2863}

SCALE : AS MARKED
DATE : FEBRUARY 1, 2012
FILE NO. : DB 2011-147

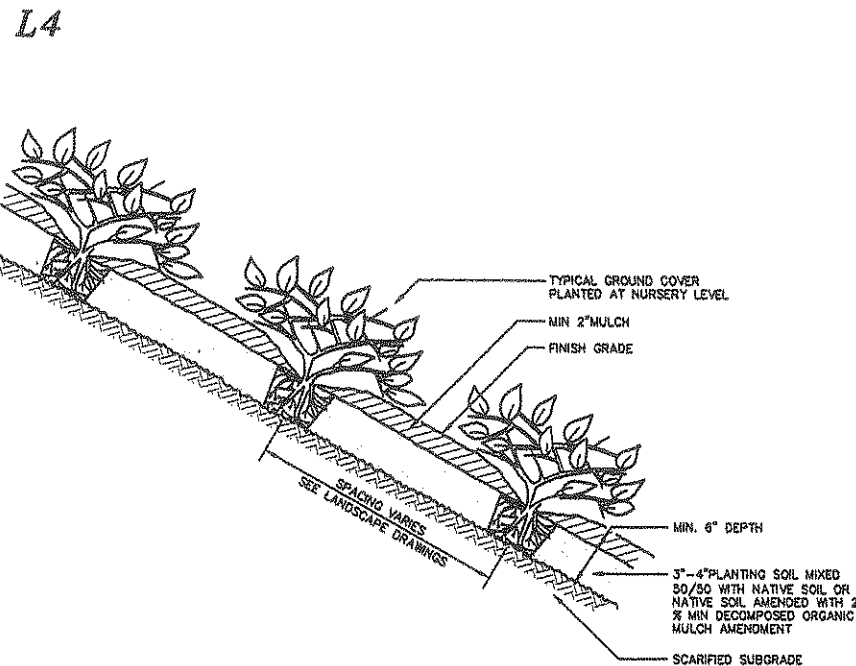
DAVID A. BERRY
REGISTERED PROFESSIONAL ENGINEER

L1



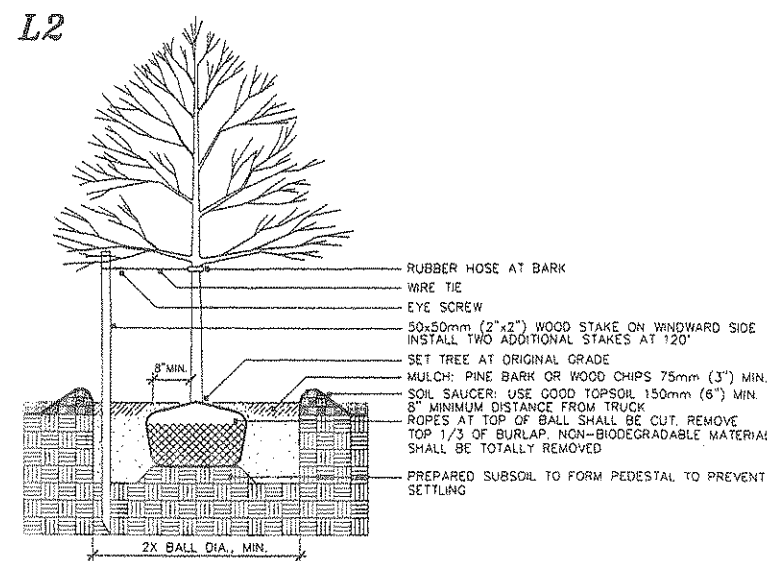
CONIFEROUS TREE PLANTING

L4



TYPICAL POST & RAIL FENCE DETAIL

L2

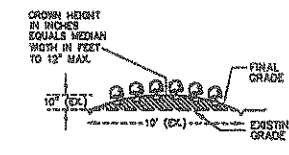


DECIDUOUS TREE PLANTING

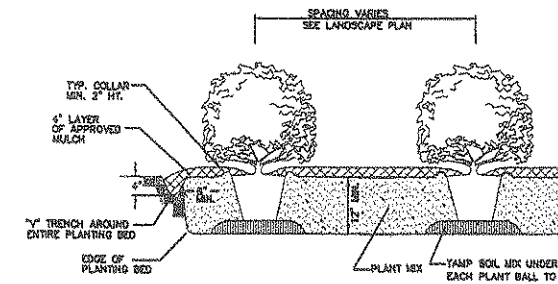
NOTE: STAKING TO BE USED IN PARKING ISLANDS AND OTHER CONFINED AREAS AS NECESSARY TO AVOID CONFLICTS WITH PEDESTRIANS

L3

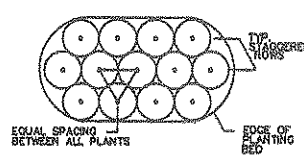
- NOTES:
1. SCARIFY ROOT MASS OF CONTAINERIZED PLANT MATERIAL.
 2. INSTALL CONTAINERIZED PLANTS AT FINISHED GRADE.
 3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
 4. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
 5. SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.



TYPICAL BED CROWNING



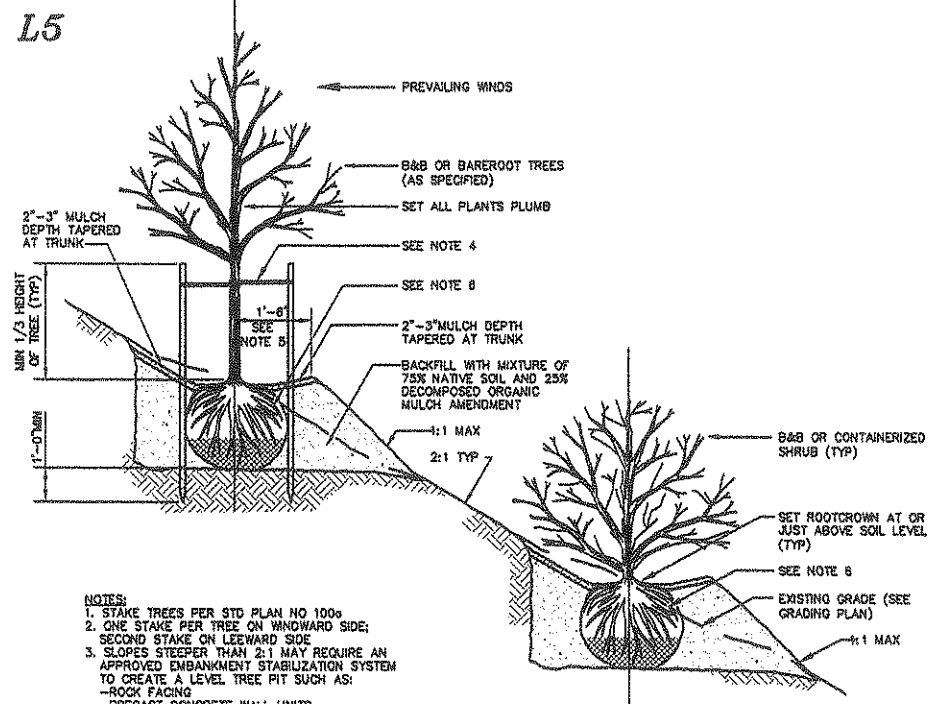
TYPICAL PLANTING BED DETAIL



TYPICAL PLANTING BED PLAN

SHRUB & HEDGE PLANTING

L5



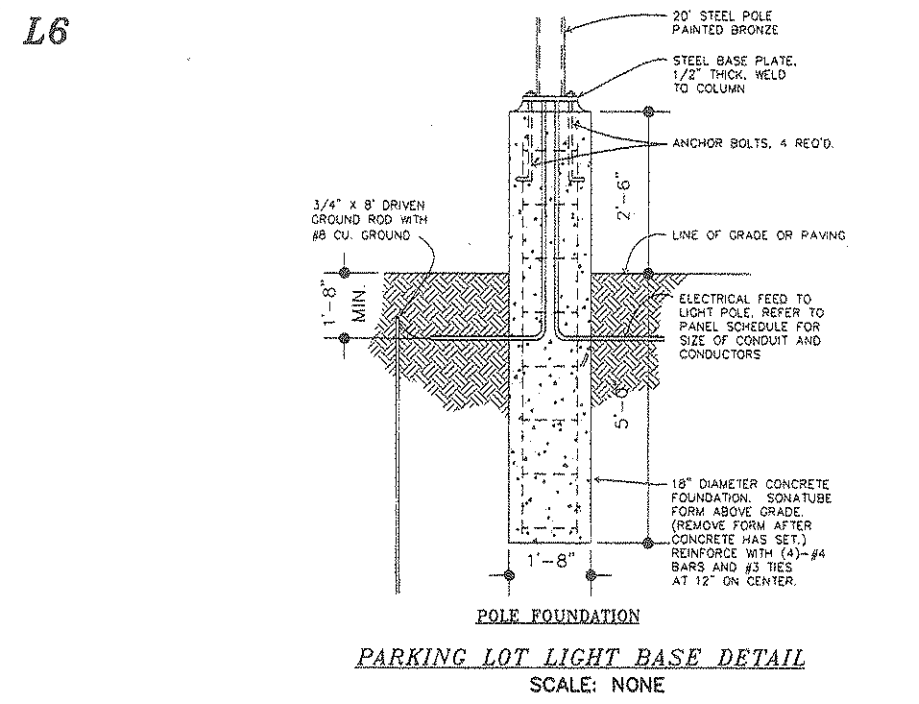
TREE PLANTING ON SLOPES

- NOTES:
1. STAKE TREES PER STD PLAN NO 1009
 2. ONE STAKE PER TREE ON WINDWARD SIDE; SECOND STAKE ON LEeward SIDE
 3. SLOPES STEEPER THAN 2:1 MAY REQUIRE AN APPROVED EMBANKMENT STABILIZATION SYSTEM TO CREATE A LEVEL TREE PIT SUCH AS:
-ROCK FACING
-PRECAST CONCRETE WALL UNITS
-TIMBER WALL
-MANUFACTURED SLOPE RETENTION UNITS
 4. CHAINLOCK TREE TIE. LOOP EACH TIE AROUND TREE LOOSELY TO PROVIDE 1" SLACK FOR DIAMETER GROWTH.
 5. SHAPE SOIL TO PROVIDE 3" DIAMETER OR ROOTBALL DIAMETER, WHICHEVER IS GREATER, WATERING RING.
 6. REMOVE ALL WIRE AND STRING. REMOVE TOP 2/3 OF BURLAP.

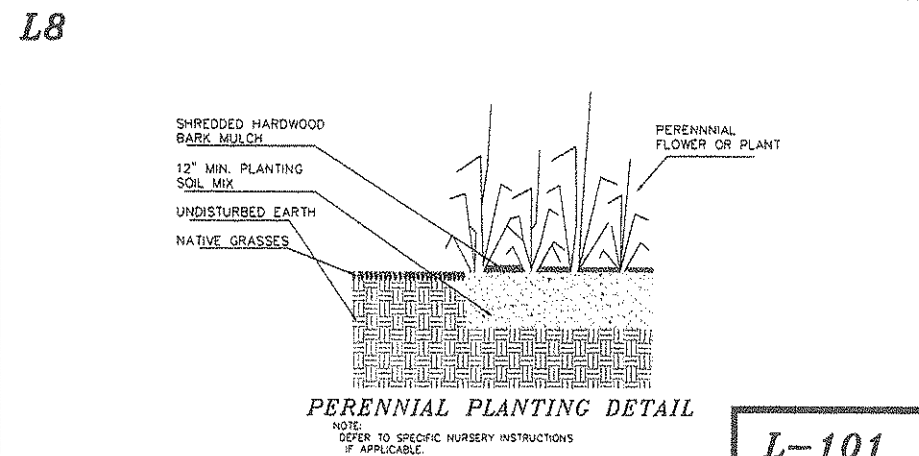
L7



L6



L8



DESCRIPTION	DATE	REVISION

LIGHTING & LANDSCAPING DETAILS
FOR
THOMPSON INVESTMENT CASTING
41 OLD DOVER ROAD
ROCHESTER, N.H.
TAX MAP 132, LOT 37

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)

SCALE: AS MARKED
DATE: FEBRUARY 1, 2012
FILE NO.: DB 2011-147

DAVID A. BERRY
No. 1088
PROFESSIONAL ENGINEER -