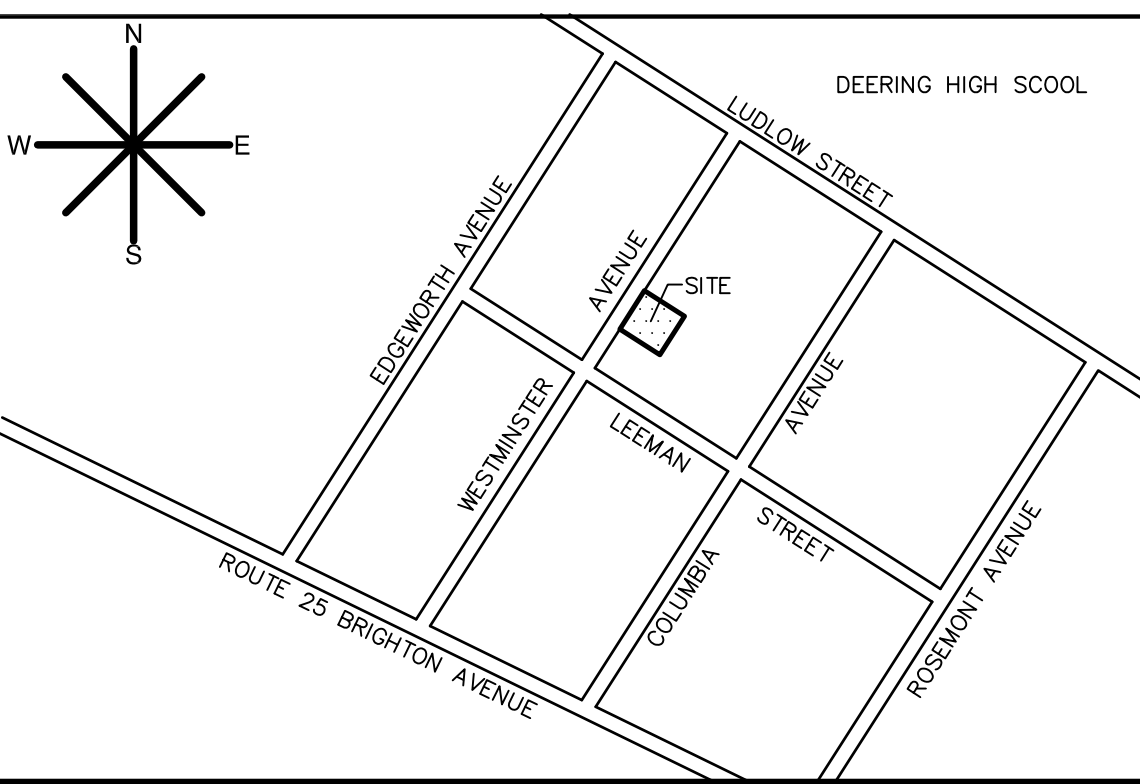
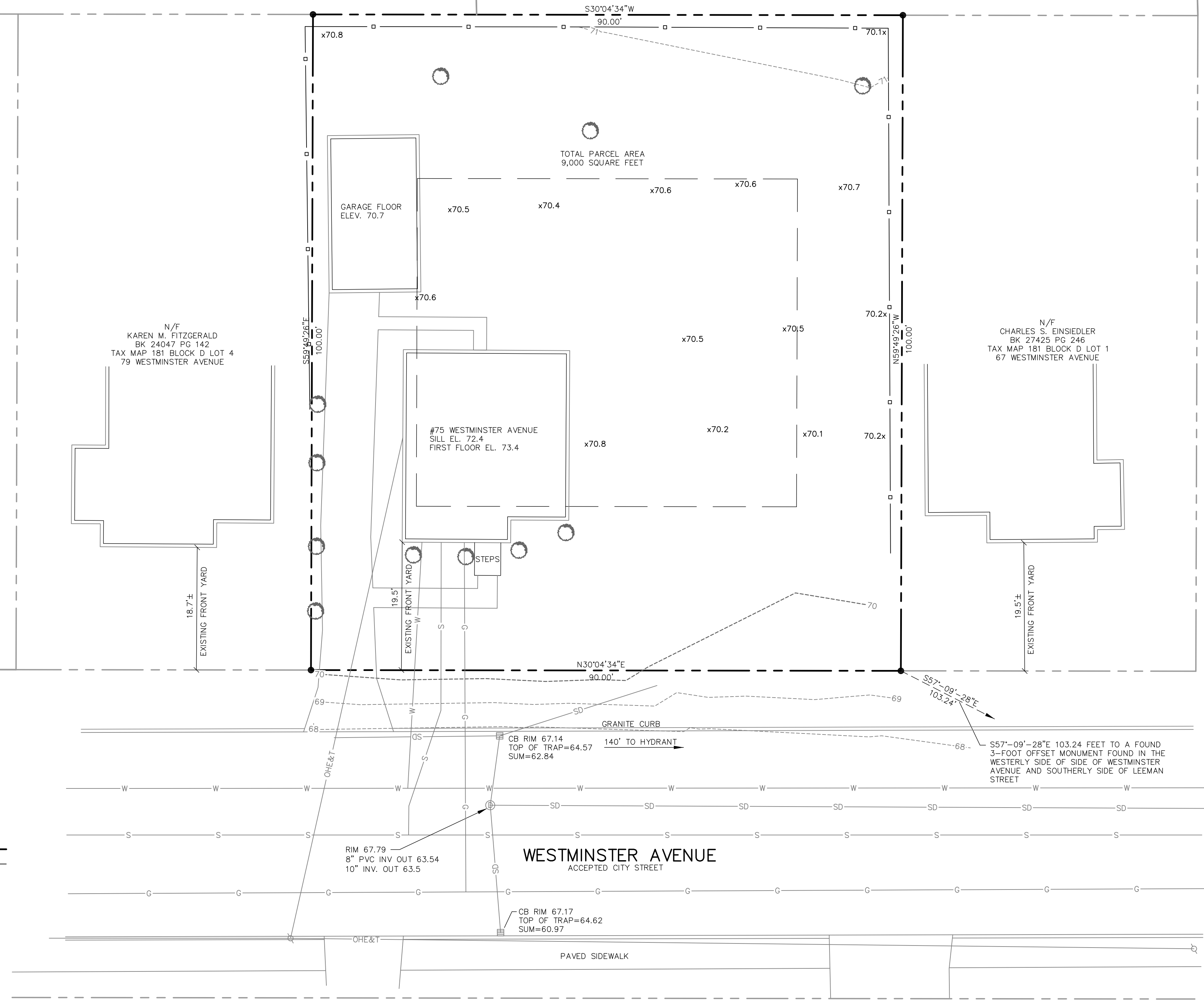


N/F
DARLENE M. ST JOHN
KEVIN C. MURPHY
BK 15901 PG 66
TAX MAP 181 BLOCK D LOT 21
14 MERRIAM STREET

N/F
CHRISTOPHER A. GLEESON
LISA GLEESON
BK 24573 PG 322
TAX MAP 181 BLOCK D LOT 14
35 LEEMAN STREET

N/F
KAREN M. FITZGERALD
BK 24047 PG 142
TAX MAP 181 BLOCK D LOT 4
79 WESTMINSTER AVENUE

N/F
CHARLES S. EINSIEDLER
BK 27425 PG 246
TAX MAP 181 BLOCK D LOT 1
67 WESTMINSTER AVENUE



GENERAL NOTES

- THE RECORD OWNER OF THE PROPERTY IS PAMELA W. CASSIDY AS DESCRIBED IN A DEED OF MICHAEL S. CASSIDY DATED JUNE 02, 2003 AND RECORDED AT THE CUMBERLAND COUNTY REGISTRY OF DEEDS IN BOOK 19470 PAGE 3.
RECORD OWNER: PAMELA W. CASSIDY
75 WESTMINSTER AVENUE
PORTLAND, ME 04103
THE APPLICANT IS: PAMELA W. (CASSIDY) BARRINGER
SAM BARRINGER
75 WESTMINSTER AVENUE
PORTLAND, ME 04103
- THE PROPERTY IS LOCATED ON THE CITY OF PORTLAND TAX MAP 181 SHOWN AS LOT 002 AND 003 IN BLOCK D AND IS LOCATED IN THE R-3 ZONING DISTRICT.
- THE BEARING AND NORTH ORIENTATION SHOWN HEREON ARE BASED UPON GRID NORTH, NORTH AMERICAN DATUM OF 1983 MAINE WEST ZONE. CONTOURS AND ELEVATIONS ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29). HORIZONTAL AND VERTICAL CONTROL WAS PROVIDED BY THE CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS ENGINEERING DEPARTMENT. THE SITE BENCHMARK IS A FOUND 3-FOOT OFFSET MONUMENT FOUND AT THE WESTERLY CORNER OF WESTMINSTER AVENUE AND SOUTHERLY LINE OF LUDLOW STREET HAVING AN ESTABLISHED ELEVATION OF 72.36 (NGVD29) AS PROVIDED BY THE CITY OF PORTLAND.
- PLAN REFERENCES:
A) EDGEWORTH PARK DATED MAY 1926 BY J.A. JONES ENGINEER, RECORDED IN PLAN BOOK II PAGE 11.
B) PLAN OF ROSEMONT MADE FOR MERRIAM HORNE REALTY, CO. DATED FEBRUARY 1928 BY E.C. JORDAN & CO. CIVIL ENGINEERS, RECORDED IN PLAN BOOK II PAGE 123.
C) CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS WESTMINSTER AVENUE SEWER SEPARATION PROJECT PLAN AND PROFILE STA. 0+00 TO STA. 9+00 "AS-BUILT" ON FILE AT THE CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS ENGINEERING DEPARTMENT.
D) CITY OF PORTLAND RIGHT OF WAY INFORMATION "BLUE SHEET" FOR WESTMINSTER AVENUE ON FILE AT THE CITY OF PORTLAND PUBLIC WORKS ENGINEERING DEPARTMENT.
E) THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON IS BASED UPON THE ABOVE GROUND LOCATION OF EXISTING STRUCTURES AND THE LOCATION OF UTILITIES SHOWN ON PLAN 4G REFERENCED ABOVE.
F) THE TOTAL AREA OF THE PROPERTY IS 9,000 SQUARE FEET.
1) THE TOTAL AREA OF EXISTING IMPERVIOUS IS AS FOLLOWS:
EXISTING RESIDENTIAL HOUSE: 715 SF.
EXISTING GARAGE: 336 SF.
EXISTING PAVEMENT: 570 SF.
TOTAL IMPERVIOUS: 1621 SF.
G) THE PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA AS IDENTIFIED ON THE FLOOD INSURANCE RATE (FIRM) COMMUNITY PANEL NUMBER 230091 0013 IS HAVING AN EFFECTIVE DATE OF JULY 11, 1996.
H) THE TOPOGRAPHIC SURVEY WAS COMPLETED DURING DECEMBER OF 2013 WITH APPROXIMATELY 12-INCHES OF SNOW COVER ON THE GROUND. EXISTING FEATURES MAY EXIST THAT WERE NOT FIELD LOCATED AND NOT SHOWN ON THIS PLAN AS THESE ITEMS WERE COVERED BY SNOW.
I) THIS PLAN IS BASED UPON A BOUNDARY SURVEY PERFORMED IN ACCORDANCE WITH THE STATE OF MAINE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS STANDARDS OF PRACTICE WITH THE EXCEPTION THAT NOT REPORT OF SURVEY HAS BEEN PREPARED. NO NEW LEGAL DESCRIPTION HAS BEEN PREPARED AND THE PROPOSED MONUMENTATION SHOWN HEREON HAS NOT BEEN SET AT THE ISSUANCE OF THIS PLAN.

SPACE & BULK REQUIREMENTS

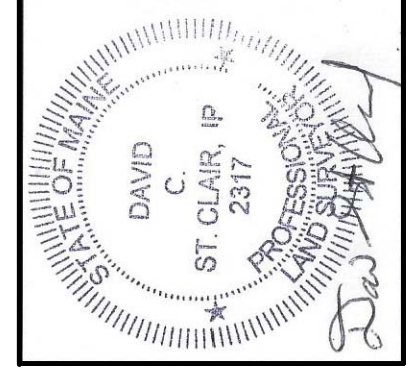
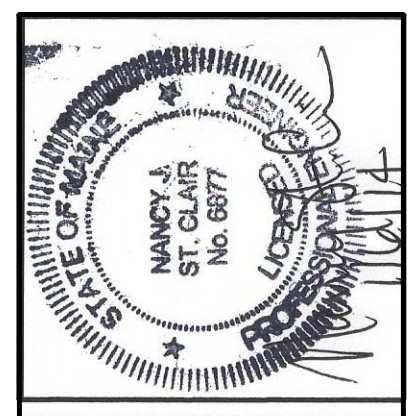
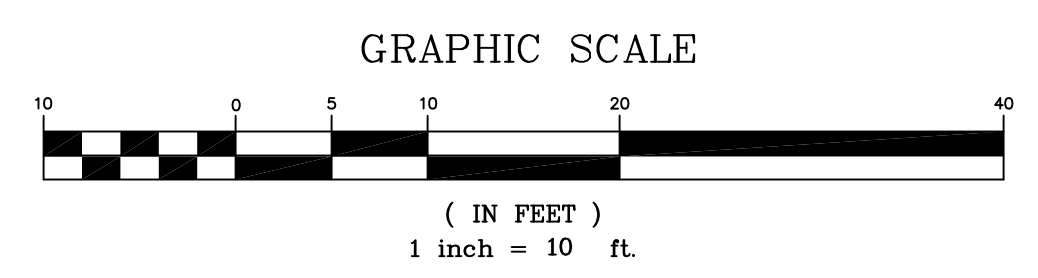
THE PROPERTY IS LOCATED IN THE R-3 RESIDENTIAL ZONE. THE SPACE AND BULK REQUIREMENTS FOR THE R-3 RESIDENTIAL ZONE ARE LISTED BELOW:

MINIMUM LOT SIZE:	6,500 SF.
MINIMUM STREET FRONTAGE:	50 FEET
MINIMUM FRONT YARD:	25 FEET
MINIMUM REAR YARD:	25 FEET
MINIMUM SIDE YARD:	8 FEET - 1 STORY BUILDING 8 FEET - 1 1/2 STORY BUILDING 14 FEET - 2 STORY BUILDING 16 FEET - 2 1/2 STORY BUILDING
MAXIMUM LOT COVERAGE:	35%
MINIMUM LOT WIDTH:	65 FEET
MAXIMUM STRUCTURE HEIGHT:	35 FEET

* NOTE: A FRONT YARD NEED NOT EXCEED THE AVERAGE DEPTH OF FRONT YARDS ON EITHER SIDE OF THE LOT. A LOT OF RECORD EXISTING AS OF JUNE 5, 1991, AND LESS THAN 100 FEET DEEP NEED NOT BE DEEPER THAN TWENTY (20%) OF THE DEPTH OF THE LOT.

LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	BOUNDARY LINE/R.O.W.	---
---	ABUTTER LINE/R.O.W.	---
---	SETBACK	---
□	MONUMENT	□
○	IRON PIPE/ROD	○
▭	BUILDING	▭
---	EDGE PAVEMENT	---
---	CURBLINE	---
---	CONTOURS	---
30.20	SPOT GRADE	30.20
---	STOCKADE FENCE	---
○	TREE/SHRUB	○
○	GAS	○
W	WATER	W
S	SEWER	S
⊙	SEWER MH	⊙
SD	STORM DRAIN	SD
⊕	CATCH BASIN	⊕
⊙	DRAINAGE MH	⊙
○	UTILITY POLE	○
OHE	OVERHEAD ELEC. & TEL.	OHE



REV:	BY:	DATE:	FOR REVIEW:	STATUS:
A	DCS	12-21-13		

ST. CLAIR ASSOCIATES
LAND SURVEYING AND CIVIL ENGINEERING
34 Forest Lane
Cumberland, ME 04021
Tel (207) 899-5556

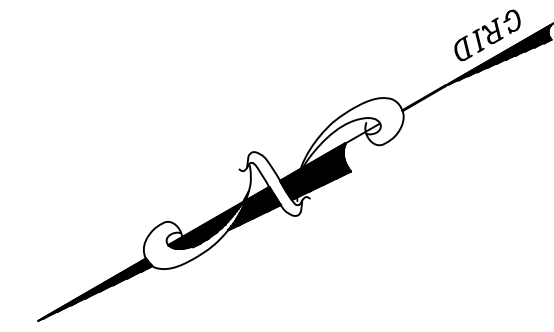
PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN
13067	ELECT	NUS	DCS	DCS

BOUNDARY & TOPOGRAPHIC SURVEY
OF:
CASSIDY PROPERTY
75 WESTMINSTER AVENUE
PORTLAND, MAINE
FOR RECORD OWNER:
PAMELA (CASSIDY) BARRINGER
75 WESTMINSTER AVENUE
PORTLAND, ME 04103

DATE	SCALE
12-20-13	1"=10'

SHEET 1 OF 3

13067E/C-B TAB 13067B/D

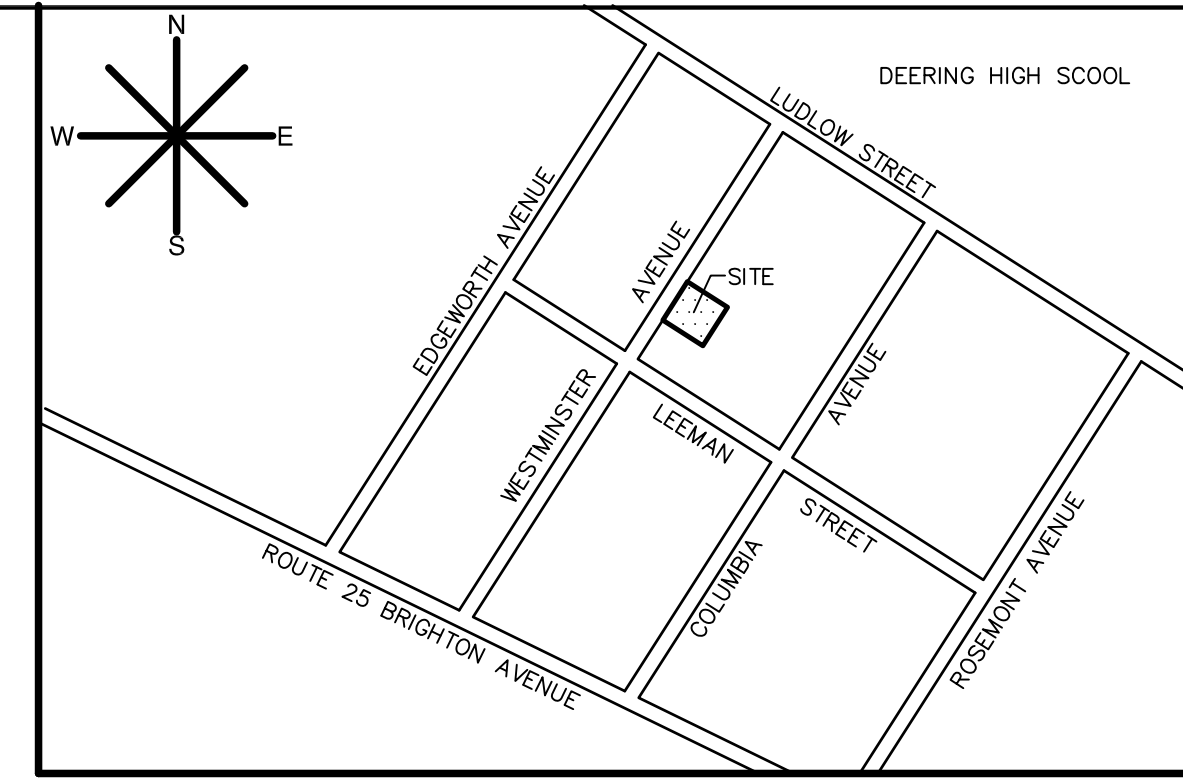


N/F
DARLENE M. ST JOHN
KEVIN C. MURPHY
BK 15901 PG 66
TAX MAP 181 BLOCK D LOT 21
14 MERRIAM STREET

N/F
CHRISTOPHER A. GLEESON
LISA GLEESON
BK 24573 PG 322
TAX MAP 181 BLOCK D LOT 14
35 LEEMAN STREET

N/F
KAREN M. FITZGERALD
BK 24047 PG 142
TAX MAP 181 BLOCK D LOT 4
79 WESTMINSTER AVENUE

N/F
CHARLES S. EINSIEDLER
BK 27425 PG 246
TAX MAP 181 BLOCK D LOT 1
67 WESTMINSTER AVENUE



LOCATION MAP

N.T.S.

GENERAL NOTES

- THE RECORD OWNER OF THE PROPERTY IS PAMELA W. CASSIDY AS DESCRIBED IN A DEED OF MICHAEL S. CASSIDY DATED JUNE 07, 2003 AND RECORDED AT THE CLIFTON COUNTY REGISTRY OF DEEDS IN BOOK 19410 PAGE 3.
RECORD OWNER: PAMELA W. CASSIDY
75 WESTMINSTER AVENUE
PORTLAND, ME 04103
THE APPLICANTS ARE: PAMELA W. (CASSIDY) BARRINGER
841 BARRINGER
75 WESTMINSTER AVENUE
PORTLAND, ME 04103
- THE PROPERTY IS LOCATED ON THE CITY OF PORTLAND TAX MAP 181 SHOWN AS LOT 002 AND 003 IN BLOCK D AND IS LOCATED IN THE R-3 ZONING DISTRICT.
- THE BEARING AND NORTH ORIENTATION SHOWN HEREON IS BASED UPON GRID NORTH, NORTH AMERICAN DATUM OF 1983 MAINE WEST ZONE. CONTOURS AND ELEVATIONS ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29). HORIZONTAL AND VERTICAL CONTROL WAS PROVIDED BY THE CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS ENGINEERING DEPARTMENT. THE SITE BENCHMARK IS A FOUND 3-FOOT OFFSET MONUMENT FOUND AT THE WESTERLY CORNER OF WESTMINSTER AVENUE AND SOUTHERLY LINE OF LUDLOW STREET HAVING AN ESTABLISHED ELEVATION OF 72.36 (NGVD29) AS PROVIDED BY THE CITY OF PORTLAND.
- PLAN REFERENCES:
A) EDGEMOUTH PARK DATED MAY 1906 BY J.A. JONES ENGINEER, RECORDED IN PLAN BOOK 11 PAGE 11.
B) PLAN OF ROSEBURY MADE FOR MERRIAM HORNE REALTY, CO. DATED FEBRUARY 1908 BY E.C. JORDAN & CO. CIVIL ENGINEERS, RECORDED IN PLAN BOOK 11 PAGE 123.
C) CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS WESTMINSTER AVENUE SEWER SEPARATION PROJECT PLAN AND PROFILE STA. 0+00 TO STA. 9+00 "AS-BUILT" ON FILE AT THE CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS ENGINEERING DEPARTMENT.
D) CITY OF PORTLAND RIGHT OF WAY INFORMATION "BLUE SHEET" FOR WESTMINSTER AVENUE ON FILE AT THE CITY OF PORTLAND PUBLIC WORKS ENGINEERING DEPARTMENT.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON IS BASED UPON THE ABOVE GROUND LOCATION OF EXISTING STRUCTURES AND THE LOCATION OF UTILITIES SHOWN ON PLAN 4C REFERENCED ABOVE.
- THE TOPOGRAPHIC SURVEY WAS COMPLETED DURING DECEMBER OF 2013 WITH APPROXIMATELY 12-INCHES OF SNOW COVER ON THE GROUND. EXISTING FEATURES MAY EXIST THAT WERE NOT FIELD LOCATED AND NOT SHOWN ON THIS PLAN AS THESE ITEMS WERE COVERED BY SNOW.
- THIS PLAN IS BASED UPON A BOUNDARY SURVEY PERFORMED IN ACCORDANCE WITH THE STATE OF MAINE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS STANDARDS OF PRACTICE WITH THE EXCEPTION THAT NOT REPORT OF SURVEY HAS BEEN PREPARED, NO NEW LEGAL DESCRIPTION HAS BEEN PREPARED AND THE PROPOSED MONUMENTATION SHOWN HEREON HAS NOT BEEN SET AT THE ISSUANCE OF THIS PLAN.
- THE TOTAL AREA OF THE PROPERTY IS 9,000 SQUARE FEET.
- THE TOTAL AREA OF EXISTING IMPERVIOUS IS AS FOLLOWS:
EXISTING RESIDENTIAL HOUSE: 719 SF.
EXISTING GARAGE: 336 SF.
EXISTING PAVEMENT: 510 SF.
TOTAL IMPERVIOUS: 1,621 SF.
- THE TOTAL AREA OF THE PROPOSED PAVEMENT FOR THE FRONT SIDEWALK, EXTENSION AND DRIVEWAY SIDEWALK EXTENSION IS APPROXIMATELY 82 SQUARE FEET. THE EXISTING DRIVEWAY SHALL REMAIN.
- THIS PLAN INCLUDES A FUTURE DRIVEWAY EXPANSION CONTAINING APPROXIMATE 589 SQUARE FEET THAT MAY OR MAY NOT BE BUILT AT THIS TIME.
- THE TOTAL AREA OF THE PROPOSED GROUND FLOOR AREA OF THE BUILDING IS APPROXIMATELY 1,140 SQUARE FEET (RESIDENCE + DECK/STEPS).
- THE TOTAL AREA OF THE PROPOSED SITE DISTURBANCE FOR CONSTRUCTION EXCAVATION IS APPROXIMATELY 2,500 SQUARE FEET. APPROXIMATELY 1,239 SQUARE FEET SHALL BE RETURNED TO ITS PRIOR VEGETATED STATE.
- THE PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA AS IDENTIFIED ON THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 230291 0213 IS HAVING AN EFFECTIVE DATE OF JULY 11, 1986.
- THE PROPOSED GRADING SHOWN HEREON IS INTENDED ALLOW FOR REDEVELOPMENT OF THE PROPERTY AND NOT INTENDED TO SIGNIFICANTLY CHANGE EXISTING GRADES ON THE PROPERTY.

LANDSCAPE NOTES

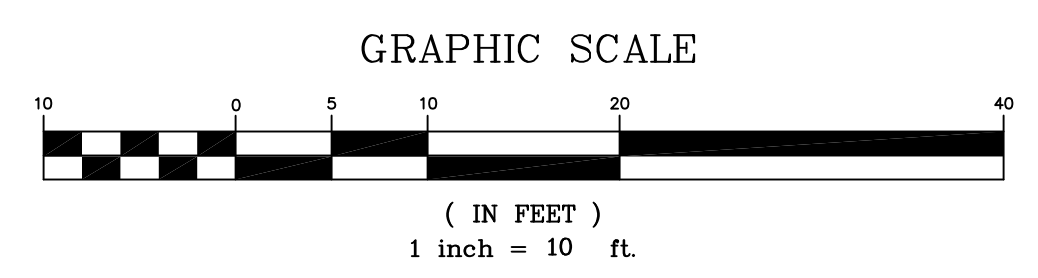
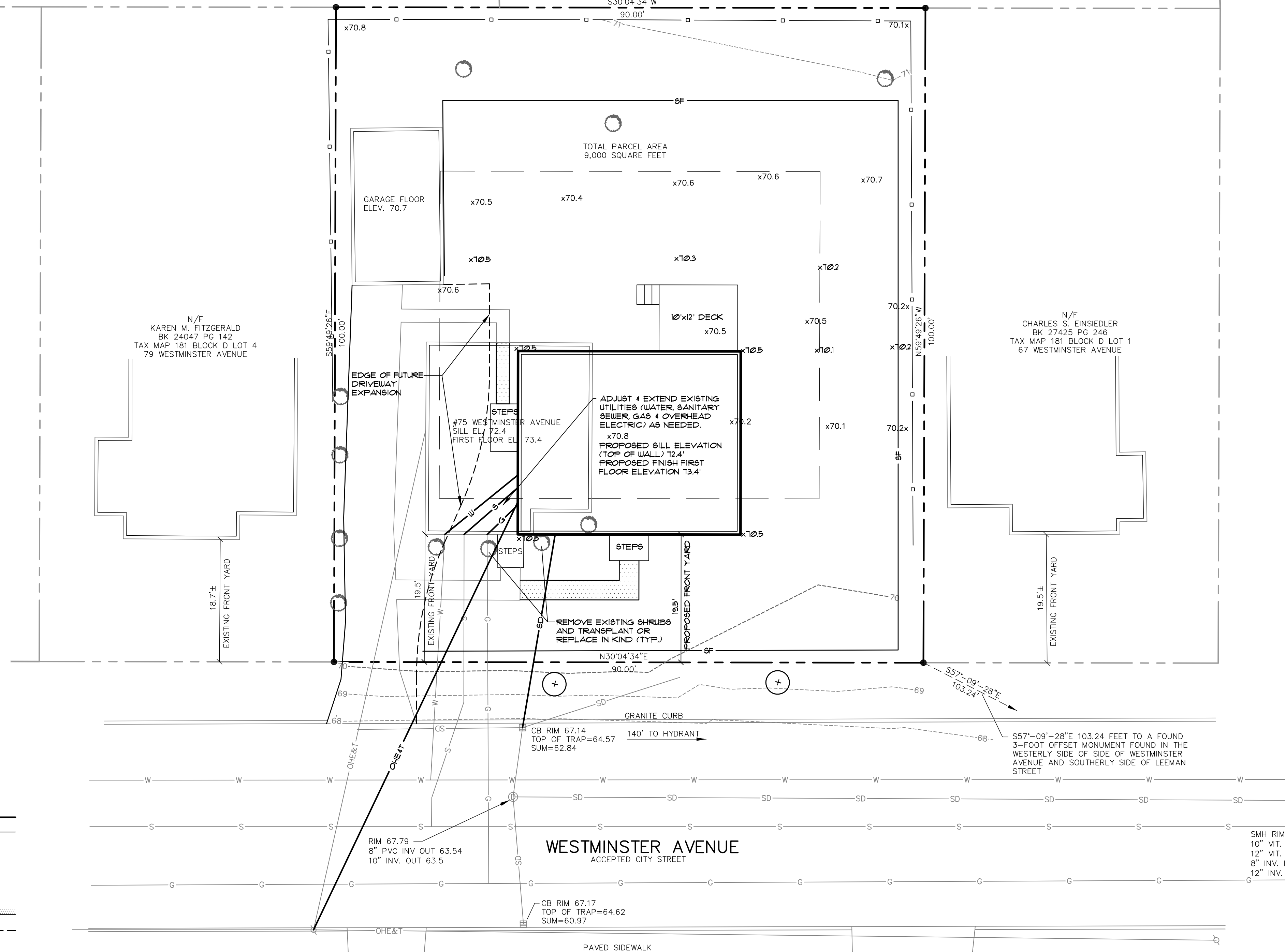
- EXISTING HEALTHY TREES SHALL BE PROTECTED AND RETAINED AS NOTED ON THIS PLAN AND ALONG THE NORTHERLY + EASTERLY SIDELINE TO PROVIDE A BUFFER TO THE ADJUTING PROPERTIES.
- ALL DISTURBED AREAS SHALL BE RAKED + LOAMED, (IF NEEDED) AND SEEDED.
- PROVIDE 2 STREET TREES 25-FEET TO 35-FEET ON CENTER PLANTED WITHIN THE CITY RIGHT OF WAY. TREE SPECIES SHALL BE SELECTED ACCORDING TO THE CITY OF PORTLAND RECOMMENDED TREE LIST (FIGURE IV-1).

SPACE & BULK REQUIREMENTS

THE PROPERTY IS LOCATED IN THE R-3 RESIDENTIAL ZONE, THE SPACE AND BULK REQUIREMENTS FOR THE R-3 RESIDENTIAL ZONE ARE LISTED BELOW:

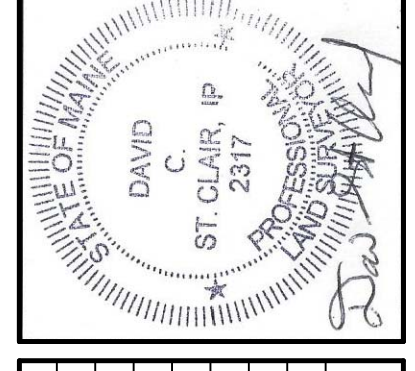
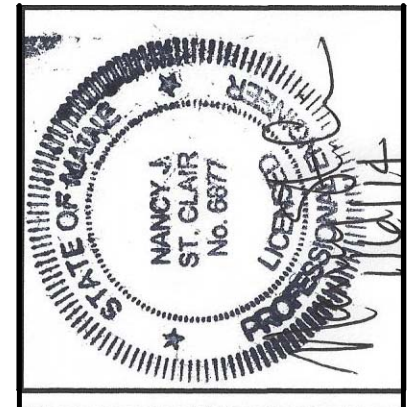
MINIMUM LOT SIZE:	6,500 SF.
MINIMUM STREET FRONTAGE:	50 FEET
MINIMUM FRONT YARD:	25 FEET
MINIMUM REAR YARD:	25 FEET
MINIMUM SIDE YARD:	8 FEET - 1 STORY BUILDING 8 FEET - 1 1/2 STORY BUILDING 14 FEET - 2 STORY BUILDING
MAXIMUM LOT COVERAGE:	35%
MINIMUM LOT WIDTH:	65 FEET
MAXIMUM STRUCTURE HEIGHT:	35 FEET

* NOTE: A FRONT YARD NEED NOT EXCEED THE AVERAGE DEPTH OF FRONT YARDS ON EITHER SIDE OF THE LOT AS OF RECORD EXISTING AS OF JULY 5, 1951, AND 1 LESS THAN 100 FEET DEEP NEED NOT BE DEEPER THAN TWENTY (20%) OF THE DEPTH OF THE LOT.



LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	BOUNDARY LINE/R.O.W.	
---	ABUTTER LINE/R.O.W.	
---	SETBACK	
□	MONUMENT	
○	IRON PIPE/ROD	
▭	BUILDING	
▨	EDGE PAVEMENT	
---	EDGE OF FUTURE DRIVEWAY	
---	CURBLINE	
---	CONTOURS	
70.2	SPOT GRADE	+ 70.2
▭	STOCKADE FENCE	
G	GAS	G
W	WATER	W
S	SEWER	S
⊙	SEWER MH	
⊙	STORM DRAIN	SD
⊙	CATCH BASIN	
⊙	DRAINAGE MH	
⊙	UTILITY POLE	
○	OVERHEAD ELEC. & TEL.	OHE #1
---	EROSION CONTROL FENCE	EF
⊙	TREE/SHRUB	⊙



NO.	DATE	BY	STATUS
1	1-20-14	DCS	ADJUST HOUSE LOCATION
2	12-27-13	DCS	ADJUST HOUSE LOCATION, REMOVE PROPOSED DRIVEWAY
3	12-26-13	DCS	ADJUST DRIVEWAY AND HOUSE LOCATION
4	12-21-13	DCS	FOR REVIEW

ST. CLAIR ASSOCIATES
LAND SURVEYING AND CIVIL ENGINEERING
34 Forest Lane
Cumberland, ME 04021
Tel (207) 899-5556

PROJECT NO. 13067
FIELD BOOK 13067
DESIGN NUS
CHECK DCS
DRAWN DCS
ELECT 13067

LOT GRADING PLAN
OF:
CASSIDY PROPERTY
75 WESTMINSTER AVENUE
PORTLAND, MAINE
FOR:
PAMELA (CASSIDY) BARRINGER
75 WESTMINSTER AVENUE
PORTLAND, ME 04103

DATE	SCALE
12-20-13	1"=10'

SHEET 2 OF 3

EROSION & SEDIMENTATION CONTROL

A. EROSION PREVENTION AND GENERAL HOUSEKEEPING

- 1. MINIMIZATION OF EXPOSED SOIL AREAS. IN ORDER TO PROTECT DOWNGRADIENT AREAS AND BUFFERS, AND TO AVOID POTENTIAL EROSION OF ANY OPEN DRAINAGE CHANNELS, SUEALES, OR OTHER NATURAL RESOURCES, THE CONTRACTOR SHALL NEGOTIATE AND PHASE EARTHWORKS OPERATIONS TO LIMIT THE AMOUNT OF TIME THAT DISTURBED SOIL IS EXPOSED TO ONLY WHEN REQUIRED FOR THE OPERATION AND PHASE. THE CONTRACTOR SHALL CONSIDER THE POSSIBLE IMPROVEMENTS TO THE EXTENT PRACTICABLE TO RETAIN NATURAL COVER, AND PERMANENTLY STABILIZE AREAS AS SOON AS EARTHWORKS ARE COMPLETED. LESS EXPOSED SOIL RESULTS IN FEWER EROSION CONTROLS TO INSTALL AND MAINTAIN. IF WORK WITH NEARLY ANTICIPATED TO BEGIN WITHIN TWO WEEKS OF THE TIME, THE CONTRACTOR SHALL CONSIDER LEAVING THE AREA IN ITS NATURALLY EXISTING COVER.
- 2. **SOIL PREVENTION CONTROLS** MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING FERTILIZERS, PESTICIDES, LUBRICANTS, OILS, AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER. THESE MATERIALS SHALL NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOIL TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DENSE BERRIES, BARRIERS, AND OTHER FORMS OF CONTAMINATION THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.
- 3. **GROUNDWATER PROTECTION** DURING CONSTRUCTION. LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER SHALL NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOIL TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DENSE BARRIERS, BARRIERS, AND OTHER FORMS OF CONTAMINATION THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.
- 4. **FUGITIVE DUST AND DIRT** ACTIVITIES MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EXTENDING PURVOR OF THE PROJECT. THIS MAY BE ACHIEVED THROUGH THE USE OF WATER SPRINKLING, FERTILIZER APPLICATION, AND OTHER MEASURES. THE CONTRACTOR SHALL SUEEP ROADWAYS OR PAVED AREAS AT LEAST ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS TO AVOID TRACKING OF DIRT ON TO OTHER AREAS OF THE PROJECT. TRACKING OF DIRT FROM THE PROJECT TO ADJACENT AREAS SHALL BE PREVENTED THROUGH OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, THE CONTRACTOR SHALL LIFT DOWN THE ACCESS ROADS WITH WATER ONCE A WEEK OR MORE FREQUENTLY, AS NEEDED.
- 5. **DEBRIS AND OTHER MATERIALS**. LITTER, CONSTRUCTION DEBRIS, AND CHEMICALS EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- 6. **NON-STORMWATER DISCHARGES**. IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES.

B. STRUCTURAL AND NON-STRUCTURAL MEASURES

- 1. **SEDIMENT BARRIERS**. PRIOR TO SOIL DISTURBANCE, THE CONTRACTOR SHALL PROPERLY INSTALL SEDIMENT BARRIERS ACROSS OR AT THE TOE OF A SLOPE AND AT THE DOWNGRADIENT EDGE OF ANY DISTURBED AREA. SEDIMENT BARRIERS SHALL BE INSTALLED IN LOCATIONS WHERE SEDIMENTATION MAY REDUCE THE EFFICIENCY OF ADJACENT UTILITIES, UNDERPASS, OR ADJACENT WETLANDS AND/OR WATERCOURSES, AND OTHER AREAS THAT MAY BE AFFECTED BY SEDIMENT. SEDIMENT BARRIERS SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW. SEDIMENT BARRIERS MAY BE SILT FENCE OR A BERRY OF EROSION CONTROL MIX, OR OTHER APPROVED FILTER MATERIALS.
- 2. **SILT FENCE**. SILT FENCE IS GENERALLY A BERRY OF SEDIMENT BARRIERS. SILT FENCES CAN BE USED FOR 60 DAYS OR LONGER, DEPENDING ON MANUFACTURER'S RECOMMENDATIONS. PROPER INSTALLATION OF SILT FENCE IS CRITICAL TO ITS FUNCTION (SEE DETAIL).
- 3. **EROSION CONTROL MIX BERRY**. EROSION CONTROL MIX BERRY IS A BERRY OF EROSION CONTROL MIX. EROSION CONTROL MIX SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER. THE MIX COMPOSITION SHALL MEET THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION STANDARDS FOR ORGANIC MATTER AND PARTICLE SIZE BY WEIGHT. SOLUBLE SALTS AND LEVELS OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH, THE EROSION CONTROL MIX SHALL BE PLACED ALONG A RELATIVELY LEVEL CONTOUR, CUT TALL GRASSES OR WOODY VEGETATION TO AVOID CREATING VOIDS AND BRIDGES. THESE WOULD ENLEAFEN TO WEAR THE BARRIER.
- 4. **CONTAINERIZED BERRY FILTER SOCK**. BERRY FILTER SOCKS CAN BE INSTALLED IN AREAS WHERE TRENCHING IS NOT FEASIBLE SUCH AS OVER FROZEN GROUND OR OVER PAVEMENT. A VEHICLE CAN EVEN PASS OVER IT.
- 5. **INSPECTION AND MAINTENANCE**. SEDIMENT BARRIERS ARE EFFECTIVE ONLY IF INSTALLED AND MAINTAINED PROPERLY. IF THERE IS EVIDENCE OF END FLOW ON PROPERLY INSTALLED BARRIERS, THE CONTRACTOR SHALL EXTEND BARRIERS UPHILL OR REPLACE THEM WITH TEMPORARY CHECK DAMS. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL, AND AT LEAST DAILY DURING PROLONGED RAINFALLS. IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BEHIND THEM, IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES OF THE BARRIER, OR IF WINDING VOLUMES OF WATER BEHIND THEM, SEDIMENT BARRIERS SHALL BE REPAIRED IMMEDIATELY. THE FABRIC OR SILT FENCE OR FILTER BARRIER BEHIND THEM SHOULD BE REPLACED INeffective PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER SHOULD BE REPAIRED. FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS REACHING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT BARRIERS UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED. SEDIMENT BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
- 2. **TEMPORARY CHECK DAMS**. THEY MAY BE CONSTRUCTED OF EITHER STONE OR CONTAINED BERRIES OF EROSION CONTROL MIX. TEMPORARY CHECK DAMS ALSO MAY TRAP SMALL AMOUNTS OF SEDIMENT BUT SHALL NOT BE USED IN PLACE OF SEDIMENT BARRIERS. THE DAM SHALL BE LEFT IN PLACE PERMANENTLY UNTIL LATER REMOVAL. IF IT IS NECESSARY TO REMOVE TEMPORARY CHECK DAMS, THE CONTRACTOR SHALL ENSURE THAT ALL STONES ARE REMOVED, INCLUDING ANY STONES DAM FROM A GRASS-LINED CHANNEL, WHICH WILL BE MOVED, THE CONTRACTOR SHALL ENSURE THAT ALL STONES ARE REMOVED, INCLUDING ANY STONES WASHED DOWNSTREAM.
- 3. **SIZES AND PLACEMENT**. THE MAXIMUM HEIGHT OF THE CHECK DAM SHALL BE 2 FEET. THE CENTER OF THE CHECK DAM MUST BE AT LEAST 6 INCHES LOWER THAN THE OUTER EDGES. THE MAXIMUM SPACING BETWEEN THE DAMS SHALL BE SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE DOWNSTREAM DAM. CHECK DAMS SHALL BE INSTALLED BEHIND THE LAST UNPROTECTED ENTRANCE OR DRAINAGE DITCH. STONE CHECK DAMS SHALL BE CONSTRUCTED OF 2 TO 3 INCH STONE, HAND OR MECHANICAL PLACEMENT IS NECESSARY TO PROPERLY INSTALL (SEE DETAIL). THE CONTRACTOR SHALL PROPERLY INSTALL CHECK DAMS TO AVOID UNDERCUTTING AND BYPASS OF THE FLOW AROUND THE CHECK DAMS OF THE CHECK DAMS.
- 4. **INSPECTIONS AND MAINTENANCE**. THE CONTRACTOR SHALL MAKE REGULAR INSPECTIONS TO ENSURE THAT THE CENTER OF THE DAM IS LOWER THAN THE EDGES. EROSION CAUSED BY HIGH FLOWS AROUND THE EDGES OF THE DAM SHALL BE CORRECTED IMMEDIATELY. IF EVIDENCE OF SLOTTING IN THE WATER IS APPARENT, THE CONTRACTOR SHALL ADJUST THE DAM TO BE PROPERLY PLACED. IF CHECK DAMS BECOME INeffective PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER SHOULD BE REPAIRED. FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS REACHING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT BARRIERS UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED. SEDIMENT BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

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- 3. **STABILIZED CONSTRUCTION ENTRANCE/EXIT**. PRIOR TO THE START OF CONSTRUCTION, IF A STABILIZED CONSTRUCTION ENTRANCE IS NOT ALREADY AVAILABLE, THE CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE/EXIT AT THE POINT OF ACCESS TO THE EXISTING ROAD. THIS AREA SHALL CONSIST OF A STABILIZED PAD OF AGGREGATE UNDERLAIN WITH FILTER CLOTH. THE CONTRACTOR SHALL MONITOR PAVED EDGES FOR CRACKING OR TRAVELING OF THE EXISTING PAVEMENT EDGE IN THE AREA OF ANY UNPROTECTED ENTRANCE. IF THE EXISTING PAVEMENT EDGE SHOWS SIGNS OF IMPACT, THEN THE STABILIZED CONSTRUCTION EXIT SHALL BE USED FOR ALL TRUCKING AND EXISTING CONSTRUCTION VEHICLES. WOOD OR NON-EROSIVE MATERIAL SHALL BE PLACED OVER THE EXISTING PAVEMENT. THE CONTRACTOR SHALL MONITOR AND MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL CONSIST OF A 10' WIDE (MINIMUM) BY 50' LONG (MINIMUM) 6" THICK PAD OF 2"-3" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. THE PAD SHALL EXTEND THE FULL WIDTH OF POINTS WHERE INGRESS OR EGRESS OCCURS. THE EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ON TO PUBLIC RIGHTS-OF-WAY. WHEN THE STABILIZED PAD BECOMES INeffective, THE STONE SHALL BE REMOVED ALONG WITH THE COLLECTED SOIL MATERIAL AND REDISTRIBUTED ON SITE IN A VAILABLE MANNER. NEW ENTRANCE SHALL BE RECONSTRUCTED. THE CONTRACTOR SHALL SUEEP OR WASH PAVEMENT AT EXITS, WHICH WOULD BE TRAFFICED ON TO THE PAVEMENT, WHEN WASHING IS REQUIRED. IF NECESSARY, CLEANING AND MAINTENANCE SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERWAYS.
- 4. **STORMDRAIN INLET PROTECTION**. IF A SEDIMENT FILTER IS INSTALLED ALONG A STORM DRAIN DRAIN INLET OR CURB INLET TO PREVENT SEDIMENT FROM ENTERING A STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA, THE INLET PROTECTION DEVICE SHALL BE CONSTRUCTED IN A MANNER THAT WILL FACILITATE CLEAN-OUT AND DISPOSAL OF TRAPPED SEDIMENTS AND MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES. ANY RESULTANT PONDING OF STORMWATER MUST NOT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT AREAS OR STRUCTURES.
- 4. **MANUFACTURED SEDIMENT BARRIERS AND FILTERS**. INCLUDE VARIOUS TYPES OF BERRIES SUCH AS THE SILT SOCK, OR OTHER MANUFACTURED MATERIALS. THESE MEASURES ARE ACCEPTABLE AS LONG AS THEY ARE INSTALLED, USED, AND MAINTAINED AS SPECIFIED BY THE VENDOR OR MANUFACTURER.
- 5. **INSPECTION AND MAINTENANCE** OF STORMDRAIN INLET PROTECTION. THE STRUCTURES SHALL BE INSPECTED BEFORE AND AFTER EACH RAIN EVENT. IF THERE IS EVIDENCE OF END FLOW ON PROPERLY INSTALLED BARRIERS, THE CONTRACTOR SHALL EXTEND BARRIERS UPHILL OR REPLACE THEM WITH TEMPORARY CHECK DAMS. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL, AND AT LEAST DAILY DURING PROLONGED RAINFALLS. IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BEHIND THEM, IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES OF THE BARRIER, OR IF WINDING VOLUMES OF WATER BEHIND THEM, SEDIMENT BARRIERS SHALL BE REPAIRED IMMEDIATELY. THE FABRIC OR SILT FENCE OR FILTER BARRIER BEHIND THEM SHOULD BE REPLACED INeffective PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER SHOULD BE REPAIRED. FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN DEPOSITS REACHING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT BARRIERS UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED. SEDIMENT BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

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 - b. NATURAL RESOURCES PROTECTION. ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES, IF NOT STABILIZED WITH A MINIMUM OF 15% MATURE VEGETATION CATCH, SHALL BE MULCHED USING TEMPORARY MULCHING WITHIN 1 DAY OF EXPOSURE OR PRIOR TO ANY STORM EVENT. SEDIMENT BARRIERS SHALL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA.
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- 2. **PERMANENT STABILIZATION**. IF THE AREA HAS BEEN BROUGHT TO FINAL GRADE OR WILL NOT BE WORKED FOR MORE THAN ONE YEAR, THE CONTRACTOR SHALL PERMANENTLY STABILIZE THE AREA WITHIN 15 DAYS BY PLANTING VEGETATION, SOOD, OR THROUGH THE USE OF PERMANENT MULCH, OR RIPRAP, OR OTHER MEASURES. PERMANENT STABILIZATION MEANS USING VEGETATION FOR STABILIZATION OF DISTURBED SUBSOLS WITH TOPSOIL, COMPOST, OR FERTILIZERS. PROTECTED SEEDING AREAS WITH MULCH OR, IF NECESSARY, EROSION CONTROL, BLANKETS, AND SCHEDULE SOODING, PLANTING, AND SEEDING TO AVOID DIE-OFF FROM STORM DROUGHT AND FLOOD FROST. NEARLY SEEDS OR SOODS AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL-ESTABLISHED. IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY, OR TOPSOIL EROSION IS EVIDENT, THE CONTRACTOR SHALL RESEED AND MULCH THE AREAS ONE OR MORE TIMES OF THE FOLLOWING MAY APPLY TO A PARTICULAR SITE.
 - a. SEEDING DATES. FOR SEEDS AREAS, PERMANENT STABILIZATION MEANS A 90% COVER OF HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR SLIDING OF THE TOPSOIL.
 - b. SOODDED AREAS. FOR SOODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOOD ROOTS INTO THE UNDERLYING SOIL WITH NO SLIPPING OF THE SOOD OR DIE-OFF.
 - c. PERMANENT MULCHING. PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL. EROSION CONTROL MIX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE MDER APPROVED APPLICATION RATES AND LIMITATIONS.
 - d. RIPRAP. FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP.
 - e. PAYER AREAS. FOR PAYER AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF A PERMANENT PAYER SURFACE TO PREVENT EROSION.
 - f. DITCHES, CHANNELS, AND SUEALES FOR OPEN CHANNELS. PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH A 90% COVER OF HEALTHY VEGETATION WITH A WELL-GRADED RIPRAP LINING, OR WITH ANOTHER NON-EROSIVE LINING SUCH AS CONCRETE OR PAVEMENT. THERE MUST BE NO EVIDENCE OF SLIPPING OF THE CHANNEL LINING OR DOWNCUTTING OF THE CHANNEL.
 - 3. **REMOVAL OF STABILIZATION MEASURES**. WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED, THE CONTRACTOR SHALL REMOVE ANY TEMPORARY SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, ETC.) AT GRADE LEVEL TO AVOID ADDITIONAL SOIL DISTURBANCE.

- 1. **TEMPORARY STABILIZATION**. THE CONTRACTOR SHALL STABILIZE ANY EXPOSED SOILS THAT WILL NOT BE WORKED FOR MORE THAN 7 DAYS WITH MULCH OR OTHER NON-ERODIBLE COVER. STABILIZE AREAS WITHIN 15 FEET OF A WETLAND OR WATERBODY WITHIN 48 HOURS OF THE INITIAL DISTURBANCE OF THE SOIL OR PRIOR TO ANY STORM EVENT, WHICHEVER COMES FIRST.
 - a. SOIL STOCKPILES. STOCKPILES OF SOIL OR SUBSOIL SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 15 LBS/1000 SF. (15 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-STABILIZED PRIOR TO ANY RAINFALL. SOIL STOCKPILES WITHIN 60 FEET FROM ANY NATURAL RESOURCES SHALL BE AVOIDED.
 - b. NATURAL RESOURCES PROTECTION. ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES, IF NOT STABILIZED WITH A MINIMUM OF 15% MATURE VEGETATION CATCH, SHALL BE MULCHED USING TEMPORARY MULCHING WITHIN 1 DAY OF EXPOSURE OR PRIOR TO ANY STORM EVENT. SEDIMENT BARRIERS SHALL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA.
- 2. **PERMANENT STABILIZATION**. IF THE AREA HAS BEEN BROUGHT TO FINAL GRADE OR WILL NOT BE WORKED FOR MORE THAN ONE YEAR, THE CONTRACTOR SHALL PERMANENTLY STABILIZE THE AREA WITHIN 15 DAYS BY PLANTING VEGETATION, SOOD, OR THROUGH THE USE OF PERMANENT MULCH, OR RIPRAP, OR OTHER MEASURES. PERMANENT STABILIZATION MEANS USING VEGETATION FOR STABILIZATION OF DISTURBED SUBSOLS WITH TOPSOIL, COMPOST, OR FERTILIZERS. PROTECTED SEEDING AREAS WITH MULCH OR, IF NECESSARY, EROSION CONTROL, BLANKETS, AND SCHEDULE SOODING, PLANTING, AND SEEDING TO AVOID DIE-OFF FROM STORM DROUGHT AND FLOOD FROST. NEARLY SEEDS OR SOODS AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL-ESTABLISHED. IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY, OR TOPSOIL EROSION IS EVIDENT, THE CONTRACTOR SHALL RESEED AND MULCH THE AREAS ONE OR MORE TIMES OF THE FOLLOWING MAY APPLY TO A PARTICULAR SITE.
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 - c. PERMANENT MULCHING. PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL. EROSION CONTROL MIX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE MDER APPROVED APPLICATION RATES AND LIMITATIONS.
 - d. RIPRAP. FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP.
 - e. PAYER AREAS. FOR PAYER AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF A PERMANENT PAYER SURFACE TO PREVENT EROSION.
 - f. DITCHES, CHANNELS, AND SUEALES FOR OPEN CHANNELS. PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH A 90% COVER OF HEALTHY VEGETATION WITH A WELL-GRADED RIPRAP LINING, OR WITH ANOTHER NON-EROSIVE LINING SUCH AS CONCRETE OR PAVEMENT. THERE MUST BE NO EVIDENCE OF SLIPPING OF THE CHANNEL LINING OR DOWNCUTTING OF THE CHANNEL.
 - 3. **REMOVAL OF STABILIZATION MEASURES**. WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED, THE CONTRACTOR SHALL REMOVE ANY TEMPORARY SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, ETC.) AT GRADE LEVEL TO AVOID ADDITIONAL SOIL DISTURBANCE.

CONSTRUCTION NOTES

- 1. SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
- 2. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS.
- 3. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- 4. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
- 5. THE CONTRACTOR IS HEREBY CAUTIONED THAT DIG SAFE NOTIFICATIONS ARE BASED ON A COMBINATION OF RECORD PLAN INFORMATION AND FIELD OBSERVATIONS BY THE SURVEYOR OF VISIBLE STRUCTURES SUCH AS HYDRANTS, VALVES, MANHOLES, AND CATCH BASINS, AND BY INFORMATION PROVIDED BY CITY CONTRACTORS. 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.
- 6. CONTRACTOR SHALL BE CAUTIONED THAT DIG SAFE ONLY NOTIFIED ITS "MEMBER" UTILITIES ABOUT THE DIG. OTHER UTILITIES MAY BE PRESENT IN THE WORK AREA. WHEN NOTIFIED, DIG SAFE WILL ADVISE CONTRACTOR OF MEMBER UTILITIES IN THE AREA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND CONTACTING NON-MEMBER UTILITIES DIRECTLY. NON-MEMBER UTILITIES MAY INCLUDE LOCAL WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES.

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 33 HRSA 3360-A (PROTECTION OF UNDERGROUND