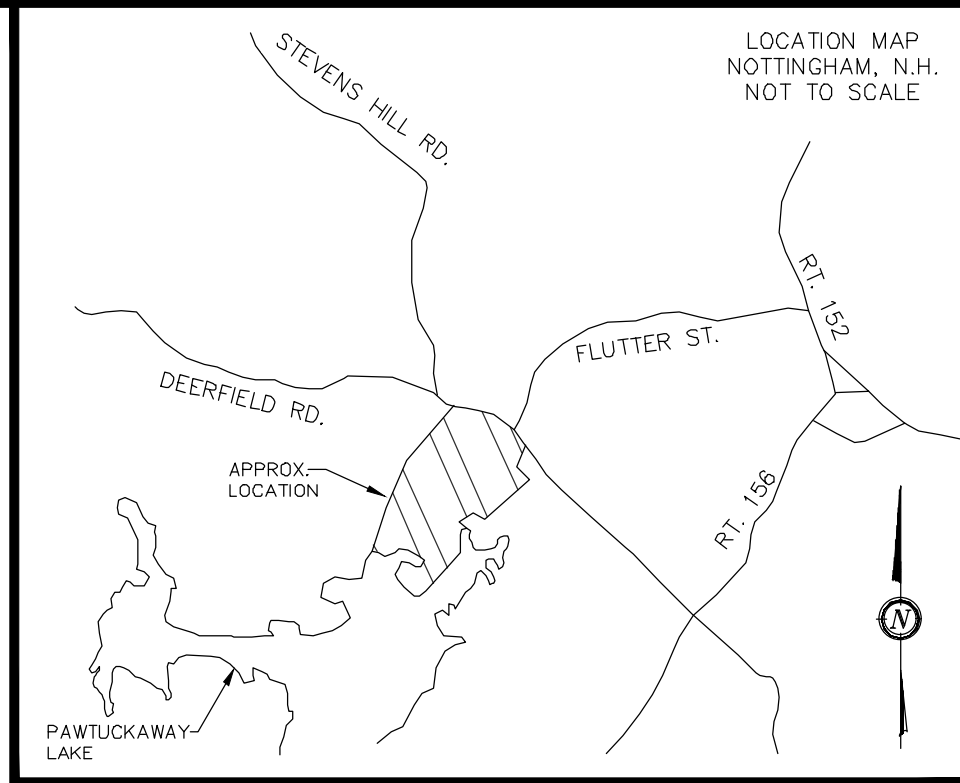


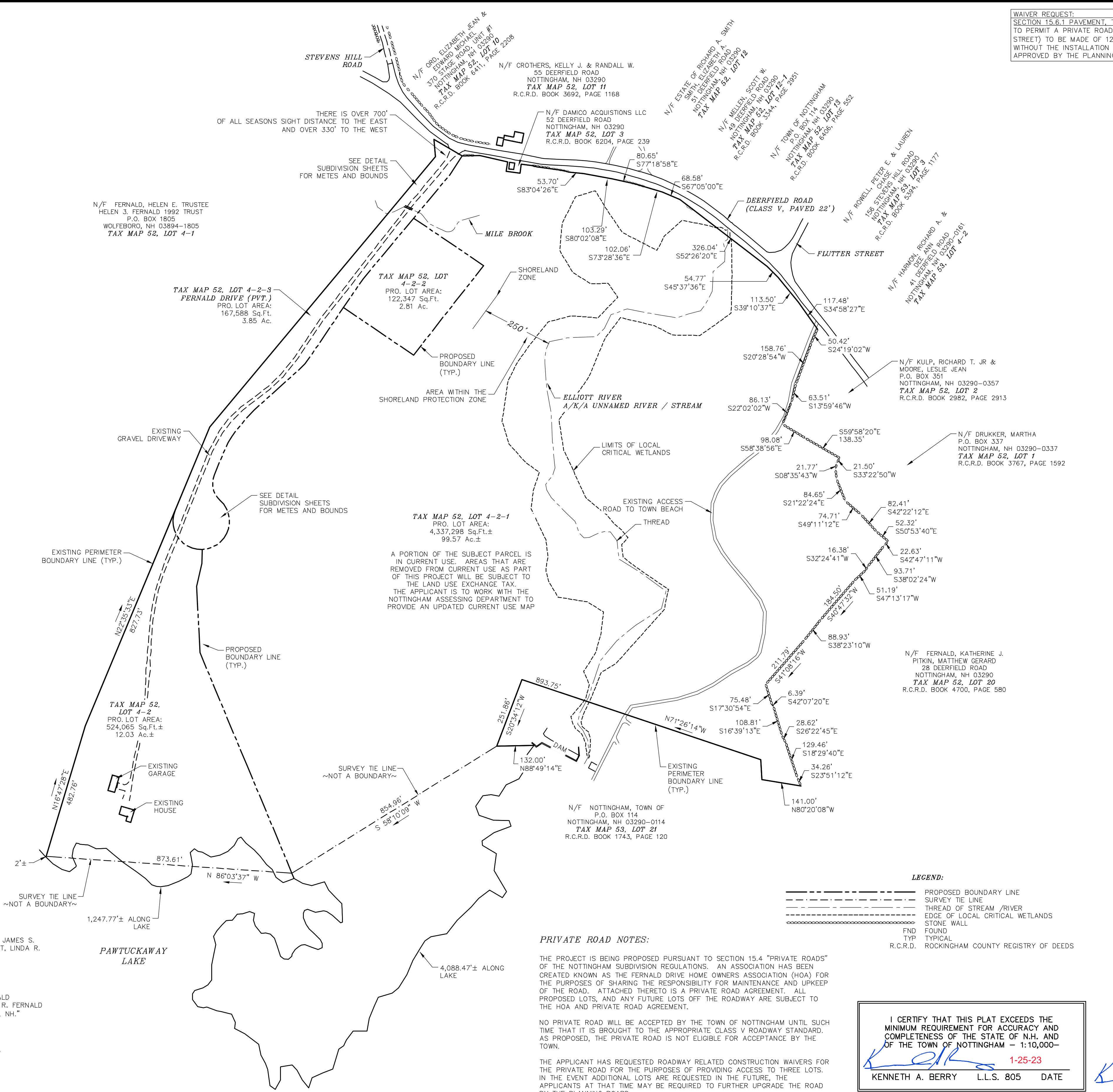
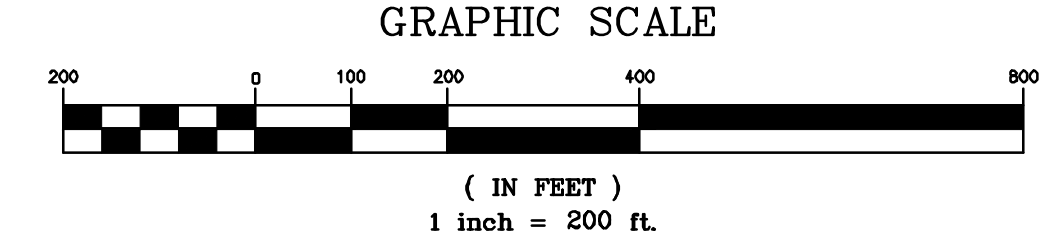
NOTTINGHAM
APPROVED
PLANNING BOARD

DATE

WAIVER REQUEST:
SECTION 15.6.1 PAVEMENT, TABLE 2
TO PERMIT A PRIVATE ROAD (MINIMUM LOCAL STREET) TO BE MADE OF 12" CRUSHED GRAVEL WITHOUT THE INSTALLATION OF PAVEMENT.
APPROVED BY THE PLANNING BOARD ON 10-12-22



- NOTES:**
- OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - TAX MAP 52, LOT 4-2
 - LOT AREA: 5,151,298 Sq. Ft. ±, 118.26 Ac. ±
 - R.C.R.D. BOOK 5468, PAGE 469
 - ZONING: RESIDENTIAL/AGRICULTURAL
SETBACKS:
FRONT = 50.0'
SIDE = 50.0'
REAR = 50.0'
WETLANDS SETBACK = 50.0' POORLY DRAINED
MIN. LOT SIZE = 87,120 Sq. Ft., 2 Ac.
MIN. LOT FRONTAGE = 200.0'
MAX. BLDG. HEIGHT = 34'
 - NHDES SHORELAND WATER QUALITY ACT OVERLAY
LOCAL CRITICAL WETLANDS OVERLAY
FLOOD HAZARD OVERLAY
 - I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, A PORTION OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 33015C0185E & 33015C0205E, DATED: MAY 17, 2005
 - VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS.
HORIZONTAL COORDINATES BASED ON APPROX. NAD83. COORDINATES GATHERED CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
 - THE INTENT OF THIS PLAN IS TO SUBDIVIDE TAX MAP 52, LOT 4-2 INTO 3 INDIVIDUAL LOTS USING THE TOWN OF NOTTINGHAM SUBDIVISION REGULATIONS PERTAINING TO PRIVATE ROADS. THE PRIVATE ROAD WILL BE KNOWN AS FERNALD ROAD AND WILL BE A SEPARATE LOT SHOWN AS 4-2-3. THIS IS A MULTI SHEET PLAN SET. SHEET 1 IS THE OVERVIEW SUBDIVISION, SHEETS 2 THROUGH 5 ARE DETAIL SUBDIVISIONS PLANS. SHEET 6 IS THE OVERVIEW TOPOGRAPHIC PLAN. SHEETS 7 THROUGH 10 ARE THE DETAIL TOPOGRAPHIC PLANS. THE REMAINING SHEETS ARE ENGINEERING DETAIL FOR THE PURPOSES OF UPGRADING FERNALD ROAD FOR USE AS A PRIVATE ROAD. SHEETS 1 AND 5 WILL BE RECORDED AT THE ROCKINGHAM COUNTY REGISTRY OF DEEDS. ALL OTHER SHEETS WILL BE ON FILE AT THE TOWN OF NOTTINGHAM PLANNING OFFICE AND THE OFFICE OF BERRY SURVEYING & ENGINEERING.
 - IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
 - SEE DETAIL SUBDIVISION SHEETS FOR ADDITIONAL NOTES, WETLANDS, WETLAND BUFFERS AND SETBACKS.
 - THE NEW LOTS WILL BE ASSESSED THE CURRENT IMPACT FEES AT THE TIME OF BUILDING PERMIT REQUEST.
 - THE OUTFALL OF PAWTUCKAWAY LAKE IS LISTED ON THE NHDES SHORELAND CONSOLIDATED LIST OF WATER BODIES GOVERNED BY THE SHORELAND ZONE AND IS THEREFORE CONSIDERED A FOURTH ORDER STREAM. IT IS LISTED AS UNNAMED STREAM/RIVER. THERE ARE LOCAL REFERENCES TO THIS OUTFALL TO AS THE ELLIOTT RIVER IN CONSERVATION COMMISSION MEETING MINUTES AND OTHER LOCAL PUBLICATIONS, HOWEVER THIS RIVER DOES NOT APPEAR TO BE NAMED ON THE TAX MAPS, NH GRANIT SYSTEM OR USGS MAPS. BOTH THE LOCAL NAME AND THE PUBLISHED NAME ARE PROVIDED ON THE PLAN.



- PLAN REFERENCES:**
- "PLAT OF LAND FOR JAMES S. FERNALD REVOCABLE TRUST, JAMES S. FERNALD TRUSTEE AND LINDA R. FERNALD REVOCABLE TRUST, LINDA R. FERNALD TRUSTEE, NOTTINGHAM, NH."
BY: LANDRY SURVEYING, LLC
DATED: SEPTEMBER 2015
NOT RECORDED ON FILE AT BS&E
 - "LOT LINE ADJUSTMENT PLAT OF LAND FOR JAMES S. FERNALD REVOCABLE TRUST, JAMES S. FERNALD TRUSTEE AND LINDA R. FERNALD REVOCABLE TRUST, LINDA R. FERNALD TRUSTEE, NOTTINGHAM, NH."
BY: LANDRY SURVEYING, LLC
DATED: SEPTEMBER 2015
R.C.R.D.: PLAN #D-37480
 - "SUBDIVISION OF LAND OF JAMES S. & FREDERICK FERNALD"
BY: O.P. WALLACE, SR. LLS
DATED: FEBRUARY 25, 1985
R.C.R.D.: PLAN #C-15B73

PRIVATE ROAD NOTES:

THE PROJECT IS BEING PROPOSED PURSUANT TO SECTION 15.4 "PRIVATE ROADS" OF THE NOTTINGHAM SUBDIVISION REGULATIONS. AN ASSOCIATION HAS BEEN CREATED KNOWN AS THE FERNALD DRIVE HOME OWNERS ASSOCIATION (HOA) FOR THE PURPOSES OF SHARING THE RESPONSIBILITY FOR MAINTENANCE AND UPKEEP OF THE ROAD. ATTACHED THERETO IS A PRIVATE ROAD AGREEMENT. ALL PROPOSED LOTS, AND ANY FUTURE LOTS OFF THE ROADWAY ARE SUBJECT TO THE HOA AND PRIVATE ROAD AGREEMENT.

NO PRIVATE ROAD WILL BE ACCEPTED BY THE TOWN OF NOTTINGHAM UNTIL SUCH TIME THAT IT IS BROUGHT TO THE APPROPRIATE CLASS V ROADWAY STANDARD. AS PROPOSED, THE PRIVATE ROAD IS NOT ELIGIBLE FOR ACCEPTANCE BY THE TOWN.

THE APPLICANT HAS REQUESTED ROADWAY RELATED CONSTRUCTION WAIVERS FOR THE PRIVATE ROAD FOR THE PURPOSES OF PROVIDING ACCESS TO THREE LOTS. IN THE EVENT ADDITIONAL LOTS ARE REQUESTED IN THE FUTURE, THE APPLICANTS AT THAT TIME MAY BE REQUIRED TO FURTHER UPGRADE THE ROAD BY THE PLANNING BOARD.

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

1-25-23

KENNETH A. BERRY L.L.S. 805 DATE

REVISION	DATE	DESCRIPTION
#2	1-20-23	REVISED TO SHOW BOUNDS SET
#1	11-1-22	REVISED PER PB MEETING 10-12-22

OVERVIEW SUBDIVISION PLAN
LAND OF
JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

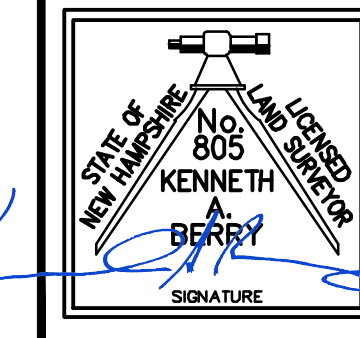
BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT RD.
BARRINGTON, N.H. (603)332-2863

SCALE : 1 IN. EQUALS 200 FT.

DATE : SEPTEMBER 19, 2022

FILE NO. : DB 2022 - 015



NOTTINGHAM
APPROVED
PLANNING BOARD

DATE

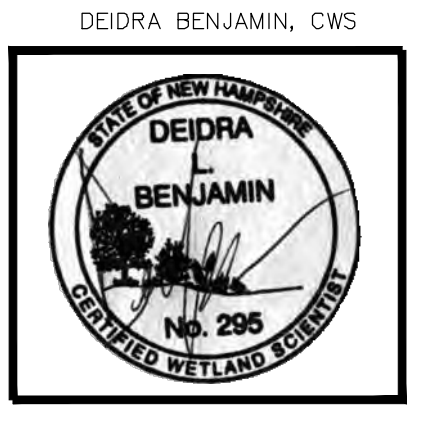
CONFORMANCE CHART:

REQUIREMENT	LOT 4-2-1	LOT 4-2-2
FRONT ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
SIDE ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
REAR ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
WETLANDS SETBACK ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
POORLY DRAINED		
LOT SIZE ~ 87,120 Sq. Ft., MIN. LOT FRONTAGE ~ 200.0' MAX. BLDG. HEIGHT ~ 34'	4,337,298 Sq.Ft. PROVIDED 2,345.34' PROVIDED	122,347 Sq.Ft. PROVIDED 403.47' PROVIDED

WETLAND NOTES:

THE PROJECT SITE WAS REVIEWED FOR WETLANDS BY DEIDRA BENJAMIN, IN SPRING 2022 UTILIZING THE FOLLOWING STANDARDS:

- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
- FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
- NATIONAL WETLAND PLANT LIST (CURRENT VERSION).
- WETLANDS FOUND ON SITE ARE POORLY DRAINED. NO VERNAL POOLS WERE FOUND DURING THE MULTIPLE SITE VISITS DURING THE MONTHS OF APRIL 1, 2022 THROUGH AUGUST 1, 2022.



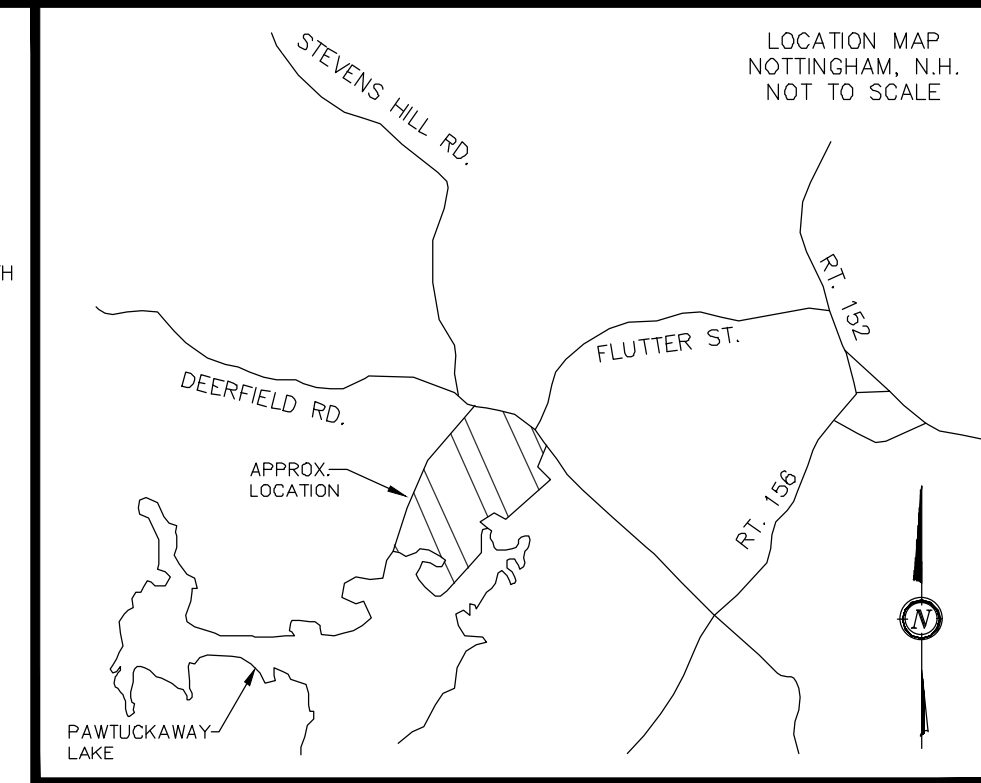
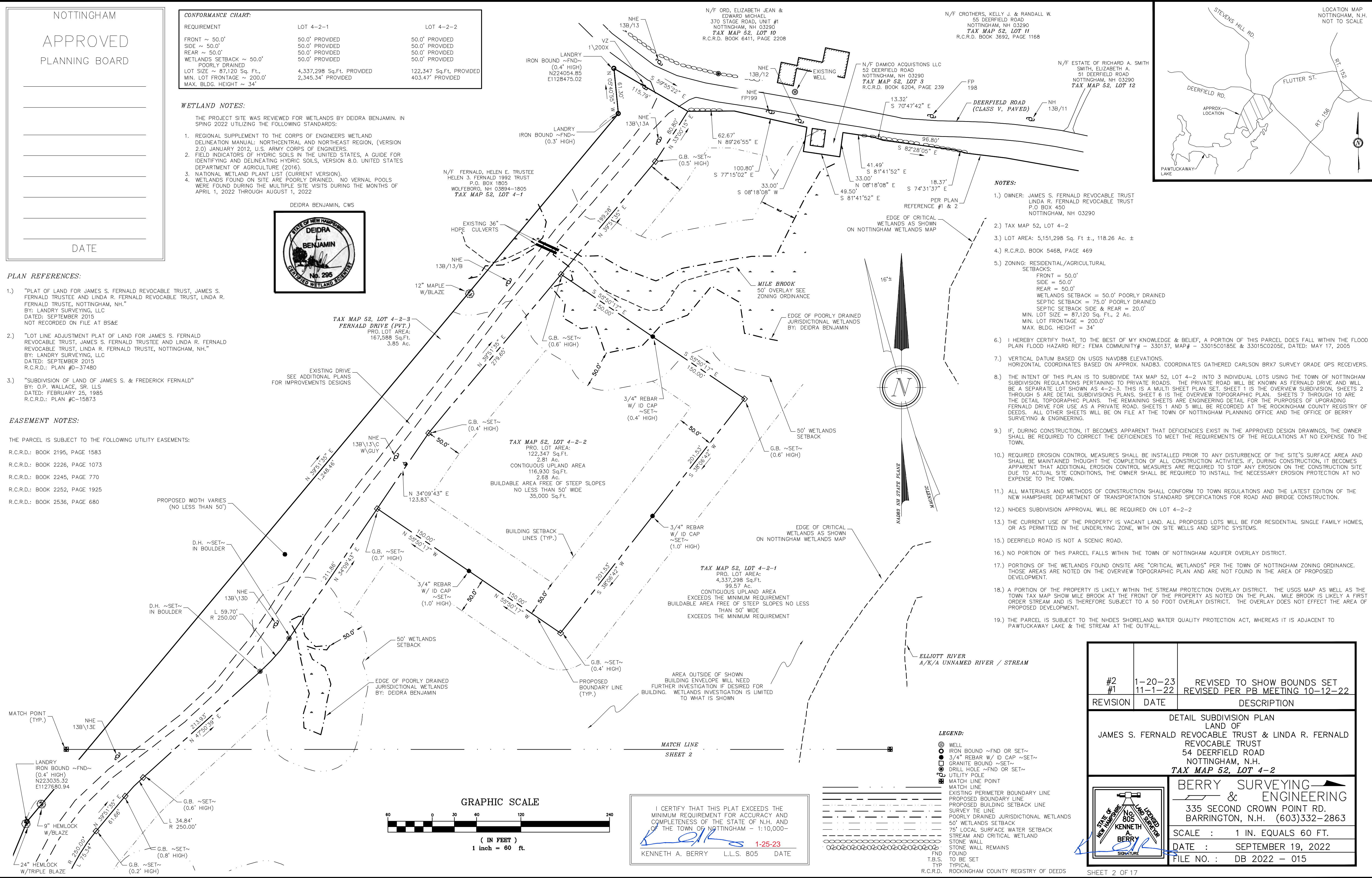
PLAN REFERENCES:

- "PLAT OF LAND FOR JAMES S. FERNALD REVOCABLE TRUST, JAMES S. FERNALD TRUSTEE AND LINDA R. FERNALD REVOCABLE TRUST, LINDA R. FERNALD TRUSTEE, NOTTINGHAM, NH." BY: LANDRY SURVEYING, LLC DATED: SEPTEMBER 2015 NOT RECORDED ON FILE AT BS&E
- "LOT LINE ADJUSTMENT PLAT OF LAND FOR JAMES S. FERNALD REVOCABLE TRUST, JAMES S. FERNALD TRUSTEE AND LINDA R. FERNALD REVOCABLE TRUST, LINDA R. FERNALD TRUSTEE, NOTTINGHAM, NH." BY: LANDRY SURVEYING, LLC DATED: SEPTEMBER 2015 R.C.R.D.: PLAN #D-37480
- "SUBDIVISION OF LAND OF JAMES S. & FREDERICK FERNALD" BY: O.P. WALLACE, SR. ILLS DATED: FEBRUARY 25, 1985 R.C.R.D.: PLAN #C-15873

EASEMENT NOTES:

THE PARCEL IS SUBJECT TO THE FOLLOWING UTILITY EASEMENTS:

R.C.R.D.: BOOK 2195, PAGE 1583
R.C.R.D.: BOOK 2226, PAGE 1073
R.C.R.D.: BOOK 2245, PAGE 770
R.C.R.D.: BOOK 2252, PAGE 1925
R.C.R.D.: BOOK 2536, PAGE 680

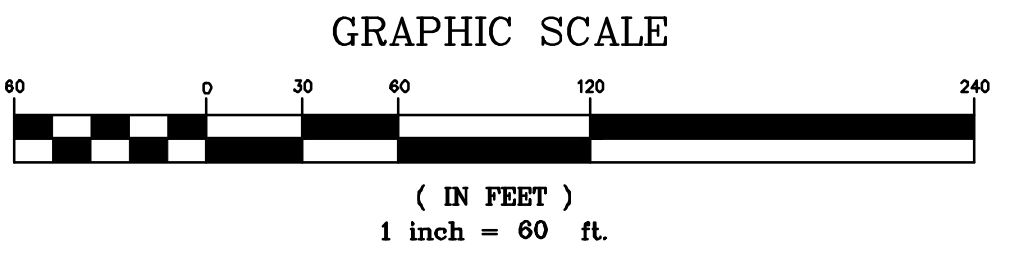


- NOTES:**
- OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - TAX MAP 52, LOT 4-2
 - LOT AREA: 5,151,298 Sq. Ft ±, 118.26 Ac. ±
 - R.C.R.D. BOOK 5468, PAGE 469
 - ZONING: RESIDENTIAL/AGRICULTURAL
SETBACKS:
FRONT = 50.0'
SIDE = 50.0'
REAR = 50.0'
WETLANDS SETBACK = 50.0' POORLY DRAINED
SEPTIC SETBACK SIDE & REAR = 20.0'
MIN. LOT SIZE = 87,120 Sq. Ft., 2 Ac.
MIN. LOT FRONTAGE = 200.0'
MAX. BLDG. HEIGHT = 34'
 - I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, A PORTION OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 33015C0185E & 33015C0205E, DATED: MAY 17, 2005
 - VERTICAL DATUM BASED ON USGS NAVD83 ELEVATIONS. HORIZONTAL COORDINATES BASED ON APPROX. NAD83. COORDINATES GATHERED CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
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 - IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
 - 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.
 - ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - NHDES SUBDIVISION APPROVAL WILL BE REQUIRED ON LOT 4-2-2
 - THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES, OR AS PERMITTED IN THE UNDERLYING ZONE, WITH ON SITE WELLS AND SEPTIC SYSTEMS.
 - DEERFIELD ROAD IS NOT A SCENIC ROAD.
 - NO PORTION OF THIS PARCEL FALLS WITHIN THE TOWN OF NOTTINGHAM AQUIFER OVERLAY DISTRICT.
 - PORTIONS OF THE WETLANDS FOUND ONSITE ARE "CRITICAL WETLANDS" PER THE TOWN OF NOTTINGHAM ZONING ORDINANCE. THOSE AREAS ARE NOTED ON THE OVERVIEW TOPOGRAPHIC PLAN AND ARE NOT FOUND IN THE AREA OF PROPOSED DEVELOPMENT.
 - A PORTION OF THE PROPERTY IS LIKELY WITHIN THE STREAM PROTECTION OVERLAY DISTRICT. THE USGS MAP AS WELL AS THE TOWN TAX MAP SHOW MILE BROOK AT THE FRONT OF THE PROPERTY AS NOTED ON THE PLAN. MILE BROOK IS LIKELY A FIRST ORDER STREAM AND IS THEREFORE SUBJECT TO A 50 FOOT OVERLAY DISTRICT. THE OVERLAY DOES NOT EFFECT THE AREA OF PROPOSED DEVELOPMENT.
 - THE PARCEL IS SUBJECT TO THE NHDES SHORELAND WATER QUALITY PROTECTION ACT, WHEREAS IT IS ADJACENT TO PAWTUCKAWAY LAKE & THE STREAM AT THE OUTFALL.

REVISION	DATE	DESCRIPTION
#2	1-20-23	REVISED TO SHOW BOUNDS SET
#1	11-1-22	REVISED PER PB MEETING 10-12-22

DETAIL SUBDIVISION PLAN
LAND OF
JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. (603)332-2863
SCALE : 1 IN. EQUALS 60 FT.
DATE : SEPTEMBER 19, 2022
FILE NO. : DB 2022 - 015



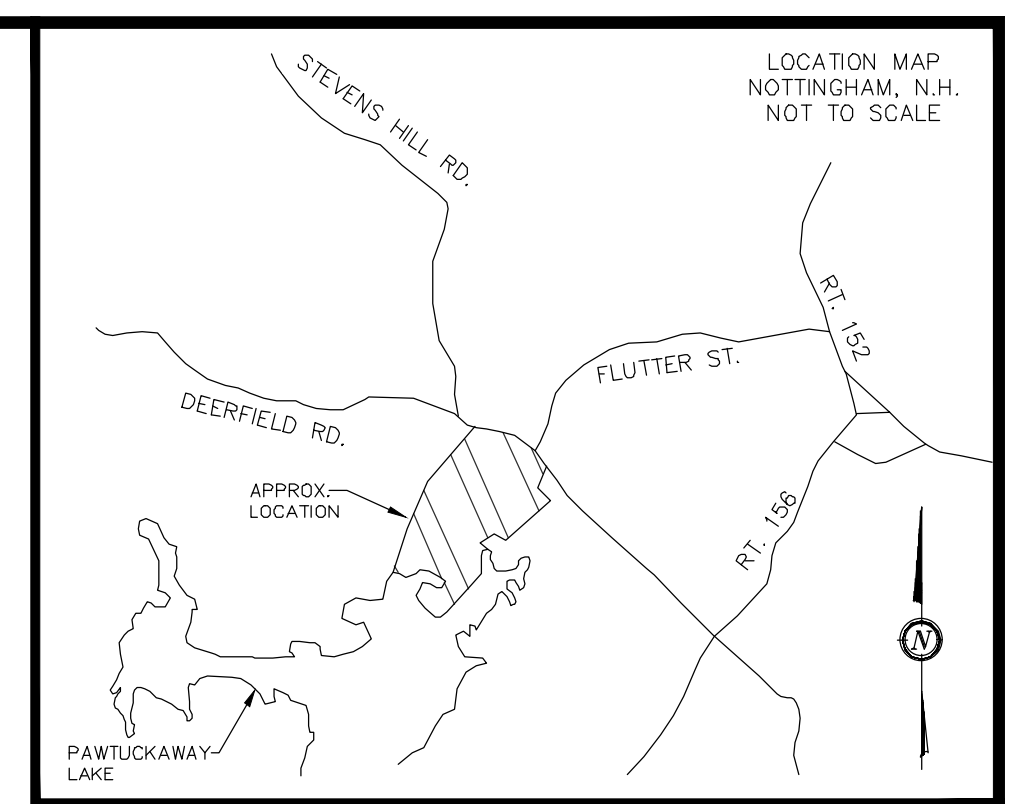
I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM - 1:10,000-

Kenneth A. Berry 1-25-23
KENNETH A. BERRY L.L.S. 805 DATE

- LEGEND:**
- WELL
 - IRON BOUND ~FND OR SET~
 - 3/4" REBAR W/ ID CAP ~SET~
 - GRANITE BOUND ~SET~
 - DRILL HOLE ~FND OR SET~
 - UTILITY POLE
 - MATCH LINE POINT
 - EXISTING PERIMETER BOUNDARY LINE
 - PROPOSED BOUNDARY LINE
 - PROPOSED BUILDING SETBACK LINE
 - SURVEY TIE LINE
 - POORLY DRAINED JURISDICTIONAL WETLANDS
 - 50' WETLANDS SETBACK
 - 75' LOCAL SURFACE WATER SETBACK
 - STONE WALL
 - STONE WALL REMAINS FOUND
 - TYPICAL
 - FND TO BE SET
 - R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS

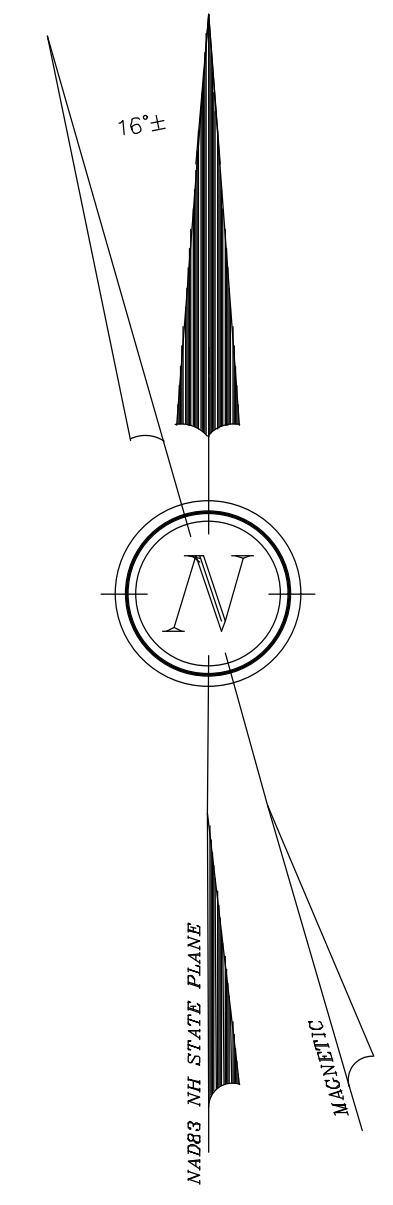
N/F FERNALD, HELEN E. TRUSTEE
HELEN J. FERNALD 1992 TRUST
P.O. BOX 1805
WOLFEBORO, NH 03884-1805
TAX MAP 52, LOT 4-1

SHEET 2
MATCH LINE



- NOTES:**
- OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - TAX MAP 52, LOT 4-2
 - LOT AREA: 5,151,298 Sq. Ft. ±, 118.26 Ac. ±
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 - ZONING: RESIDENTIAL/AGRICULTURAL
SETBACKS:
FRONT = 50.0'
SIDE = 50.0'
REAR = 50.0'
WETLANDS SETBACK = 50.0' POORLY DRAINED
SEPTIC SETBACK = 75.0' POORLY DRAINED
SEPTIC SETBACK SIDE & REAR = 20.0'
MIN. LOT SIZE = 87,120 Sq. Ft., 2 Ac.
MIN. LOT FRONTAGE = 200.0'
MAX. BLDG. HEIGHT = 34'
 - I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, A PORTION OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 3301500185E & 3301500205E, DATED: MAY 17, 2005
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 - THE INTENT OF THIS PLAN IS TO SUBDIVIDE TAX MAP 52, LOT 4-2 INTO 3 INDIVIDUAL LOTS.
 - SEE PRIOR SHEETS FOR ADDITIONAL NOTES.

TAX MAP 52, LOT 4-2-1
PRO. LOT AREA:
4,337,298 Sq.Ft.
99.57 Ac.
CONTIGUOUS UPLAND AREA
EXCEEDS THE MINIMUM REQUIREMENT
BUILDABLE AREA FREE OF STEEP SLOPES NO LESS THAN 50' WIDE
EXCEEDS THE MINIMUM REQUIREMENT



AREA OUTSIDE OF SHOWN BUILDING ENVELOPE WILL NEED FURTHER INVESTIGATION IF DESIRED FOR BUILDING. WETLANDS INVESTIGATION IS LIMITED TO WHAT IS SHOWN

NOTTINGHAM
APPROVED
PLANNING BOARD

DATE

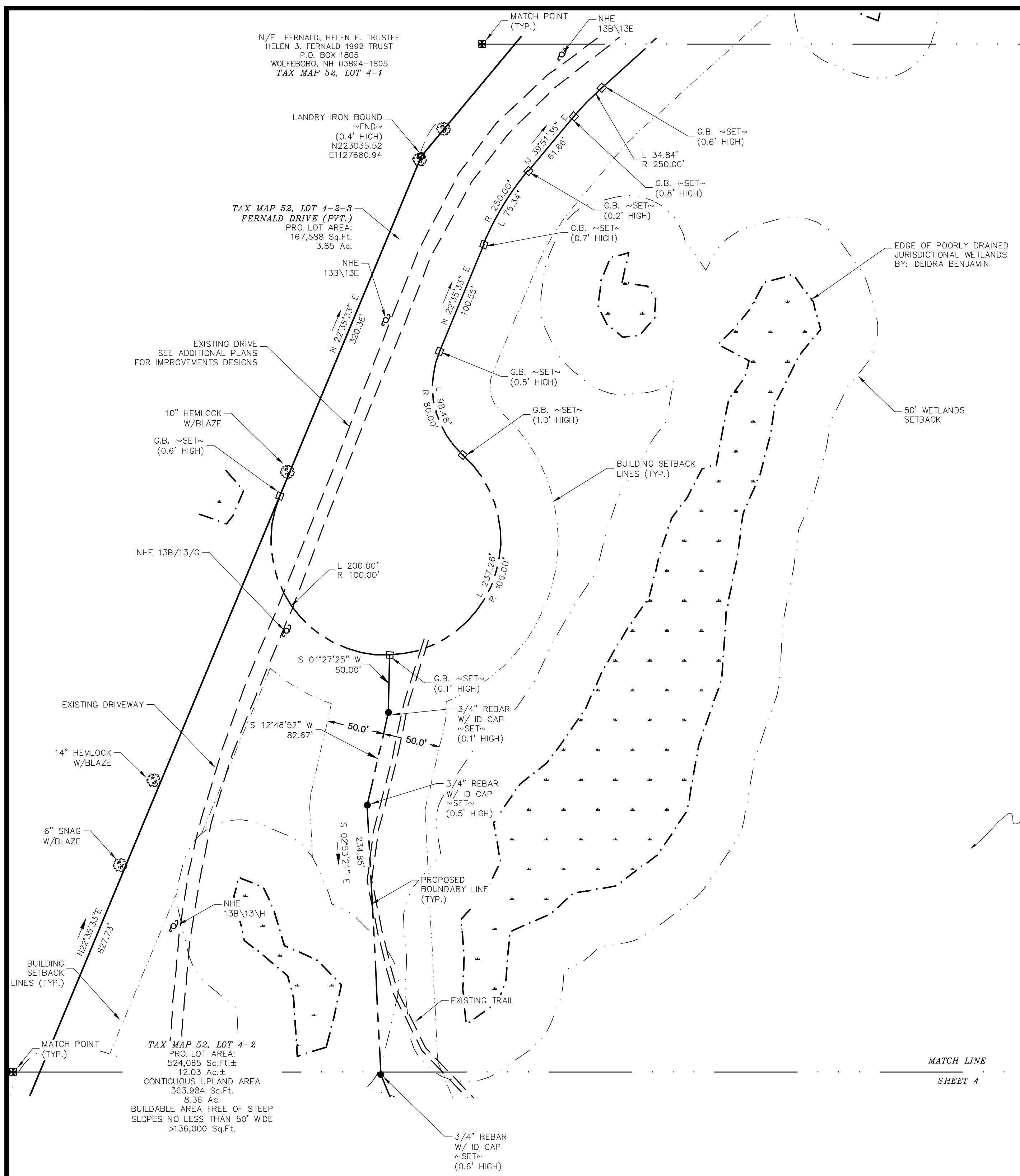
- LEGEND:**
- WELL
 - IRON BOUND ~FND OR SET~
 - 3/4" REBAR W/ ID CAP ~SET~
 - GRANITE BOUND ~SET~
 - DRILL HOLE ~FND OR SET~
 - UTILITY POLE
 - MATCH LINE POINT
 - MATCH LINE
 - EXISTING PERIMETER BOUNDARY LINE
 - PROPOSED BOUNDARY LINE
 - PROPOSED BUILDING SETBACK LINE
 - SURVEY TIE LINE
 - POORLY DRAINED JURISDICTIONAL WETLANDS
 - 50' WETLANDS SETBACK
 - 75' LOCAL SURFACE WATER SETBACK
 - STREAM AND CRITICAL WETLAND
 - STONE WALL
 - STONE WALL REMAINS
 - FND
 - FOUND
 - T.B.S.
 - TO BE SET
 - TYP
 - TYPICAL
 - R.C.R.D.
 - ROCKINGHAM COUNTY REGISTRY OF DEEDS

#2	1-20-23	REVISED TO SHOW BOUNDS SET
#1	11-1-22	REVISED PER PB MEETING 10-12-22
REVISION	DATE	DESCRIPTION

DETAIL SUBDIVISION PLAN
LAND OF
JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. (603)332-2863
SCALE : 1 IN. EQUALS 60 FT.
DATE : SEPTEMBER 19, 2022
FILE NO. : DB 2022 - 015

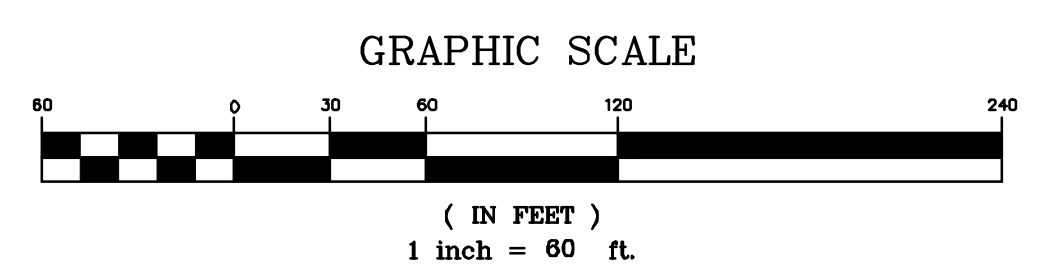
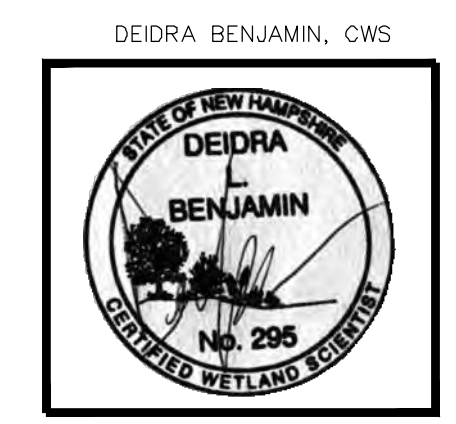
SHEET 3 OF 17



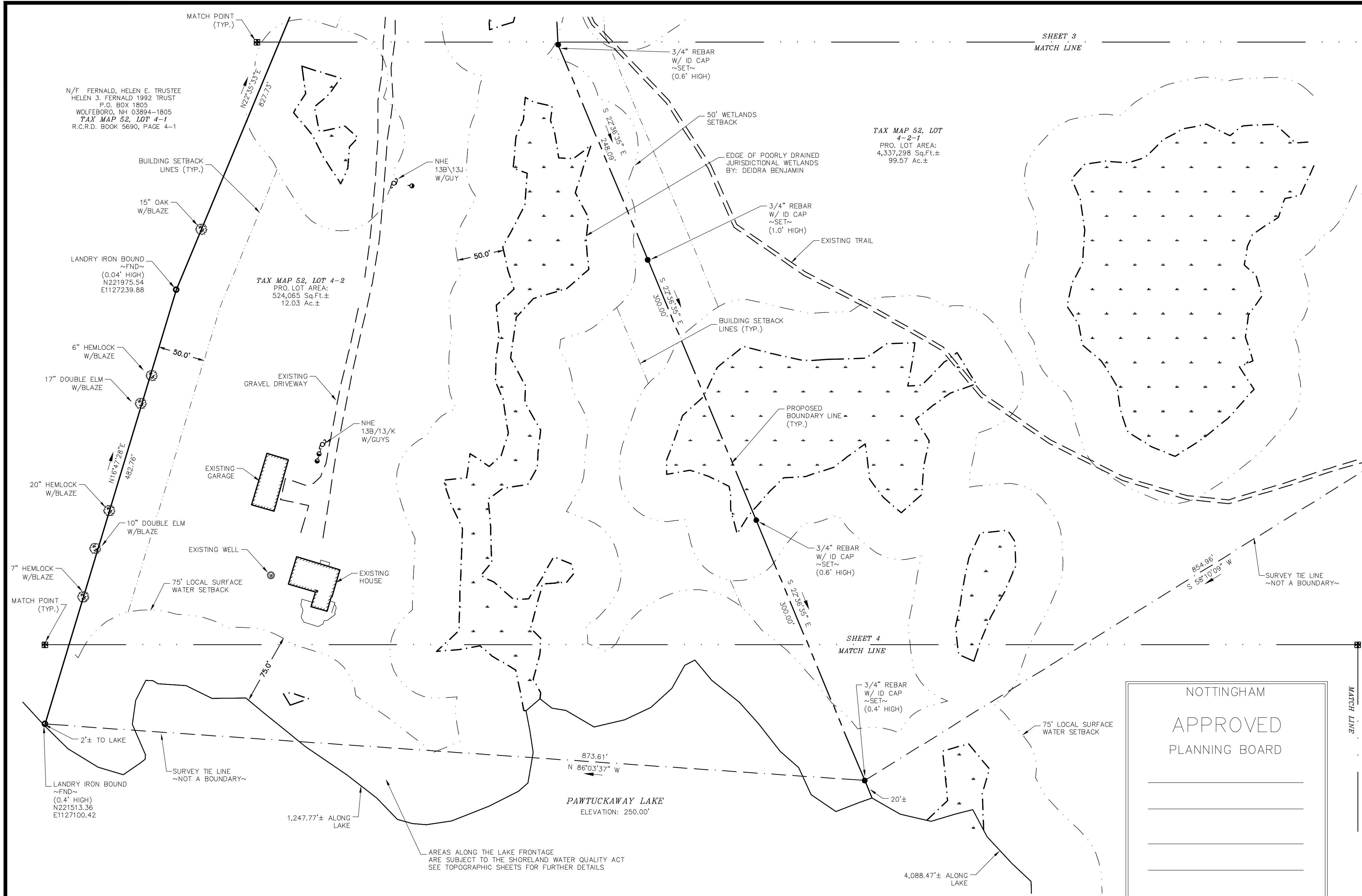
- WETLAND NOTES:**
- THE PROJECT SITE WAS REVIEWED FOR WETLANDS BY DEIDRA BENJAMIN, IN SPRING 2022 UTILIZING THE FOLLOWING STANDARDS:
- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
 - FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0, UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
 - NATIONAL WETLAND PLANT LIST (CURRENT VERSION).
 - WETLANDS FOUND ON SITE ARE POORLY DRAINED. NO VERNAL POOLS WERE FOUND DURING THE MULTIPLE SITE VISITS DURING THE MONTHS OF APRIL 1, 2022 THROUGH AUGUST 1, 2022

CONFORMANCE CHART:

REQUIREMENT	LOT 4-2-1	LOT 4-2
FRONT ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
SIDE ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
REAR ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
WETLANDS SETBACK ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
POORLY DRAINED		
LOT SIZE ~ 87,120 Sq. Ft., MIN. LOT FRONTAGE ~ 200.0'	4,337,298 Sq.Ft. PROVIDED	524,065 Sq.Ft. PROVIDED
MAX. BLDG. HEIGHT ~ 34'	2,345.34' PROVIDED	200.0' PROVIDED



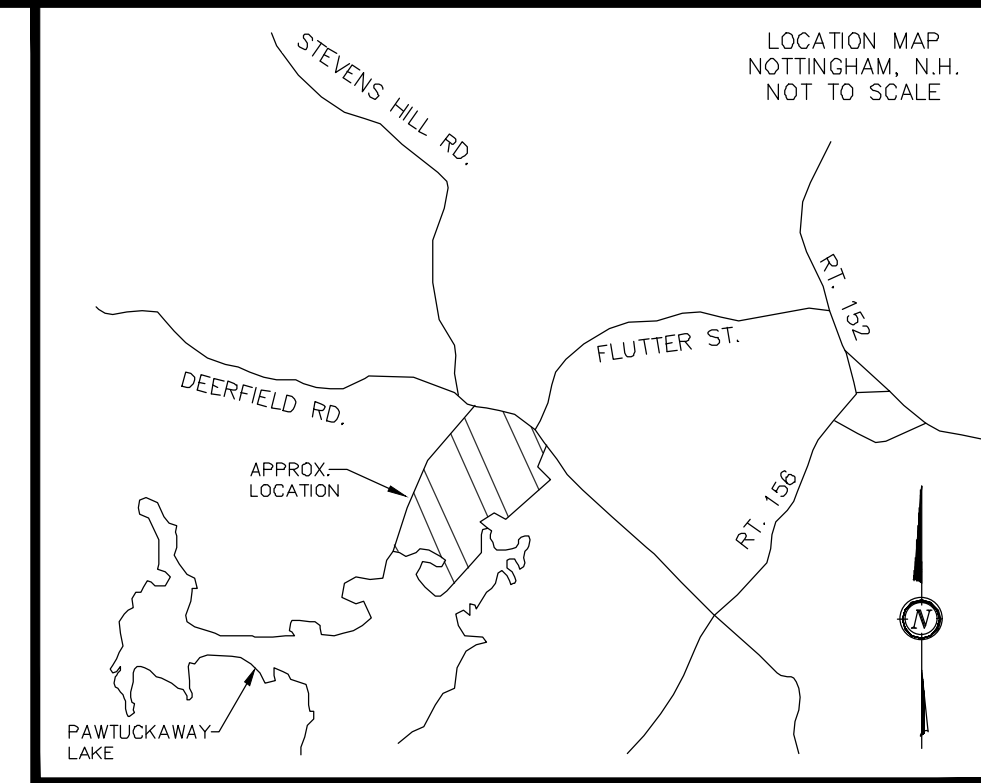
I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM - 1:10,000-
Kenneth A. Berry
KENNETH A. BERRY L.L.S. 805 DATE 1-25-23



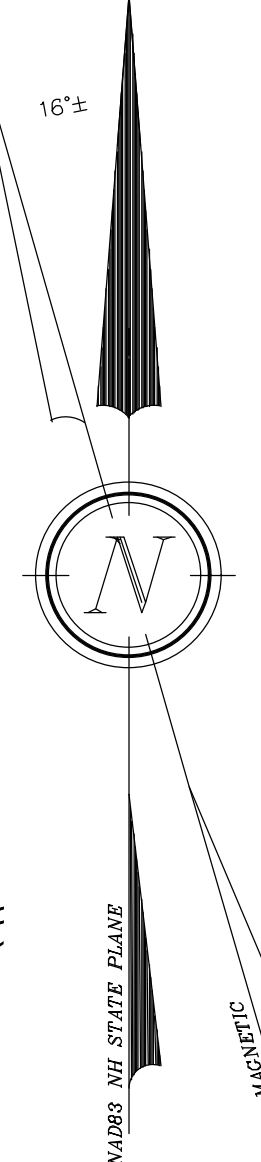
N/F FERNALD, HELEN E. TRUSTEE
HELEN S. FERNALD 1992 TRUST
P.O. BOX 1805
WOLFEBORO, NH 03894-1805
TAX MAP 52, LOT 4-1
R.C.R.D. BOOK 5690, PAGE 4-1

TAX MAP 52, LOT 4-2
PRO. LOT AREA:
524,065 Sq.Ft.±
12.03 Ac.±

TAX MAP 52, LOT
4-2-1
PRO. LOT AREA:
4,337,298 Sq.Ft.±
99.57 Ac.±



- NOTES:**
- 1.) OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - 2.) TAX MAP 52, LOT 4-2
 - 3.) LOT AREA: 5,151,298 Sq. Ft. ±, 118.26 Ac. ±
 - 4.) R.C.R.D. BOOK 5468, PAGE 469
 - 5.) ZONING: RESIDENTIAL/AGRICULTURAL
SETBACKS:
FRONT = 50.0'
SIDE = 50.0'
REAR = 50.0'
WETLANDS SETBACK = 50.0' POORLY DRAINED
SEPTIC SETBACK = 75.0' POORLY DRAINED
SEPTIC SETBACK SIDE AND REAR = 20.0'
MIN. LOT SIZE = 87,120 Sq. Ft., 2 Ac.
MIN. LOT FRONTAGE = 200.0'
MAX. BLDG. HEIGHT = 34'
 - 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, A PORTION OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 330150D185E & 330150C205E, DATED: MAY 17, 2005
 - 7.) VERTICAL DATUM BASED ON APPROX. USGS NAVD88 ELEVATIONS, HORIZONTAL COORDINATES BASED ON APPROX. NAD83. COORDINATES GATHERED CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
 - 8.) THE INTENT OF THIS PLAN IS TO SUBDIVIDE TAX MAP 52, LOT 4-2 INTO 3 INDIVIDUAL LOTS.
 - 9.) SEE PRIOR SHEETS FOR ADDITIONAL NOTES.



- LEGEND:**
- WELL
 - IRON BOUND ~FND OR SET~
 - 3/4" REBAR W/ ID CAP ~SET~
 - GRANITE BOUND ~SET~
 - DRILL HOLE ~FND OR SET~
 - UTILITY POLE
 - MATCH LINE POINT
 - MATCH LINE
 - EXISTING PERIMETER BOUNDARY LINE
 - PROPOSED BOUNDARY LINE
 - PROPOSED BUILDING SETBACK LINE
 - SURVEY TIE LINE
 - POORLY DRAINED JURISDICTIONAL WETLANDS
 - 50' WETLANDS SETBACK
 - 75' LOCAL SURFACE WATER SETBACK
 - STREAM AND CRITICAL WETLAND
 - STONE WALL
 - STONE WALL REMAINS
 - FND
 - FOUND
 - T.B.S. TO BE SET
 - TYP TYPICAL
 - R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS

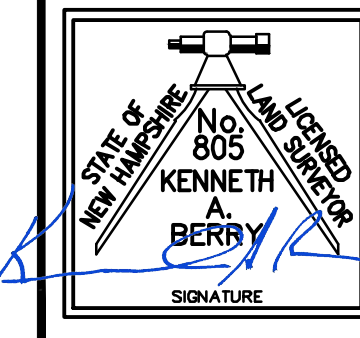
NOTTINGHAM
APPROVED
PLANNING BOARD

DATE

REVISION	DATE	DESCRIPTION
#2	1-20-23	REVISED TO SHOW BOUNDS SET
#1	11-1-22	REVISED PER PB MEETING 10-12-22

DETAIL SUBDIVISION PLAN
LAND OF
JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. (603)332-2863
SCALE : 1 IN. EQUALS 60 FT.
DATE : SEPTEMBER 19, 2022
FILE NO. : DB 2022 - 015



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

Kenneth A. Berry 1-25-23
KENNETH A. BERRY L.L.S. 805 DATE

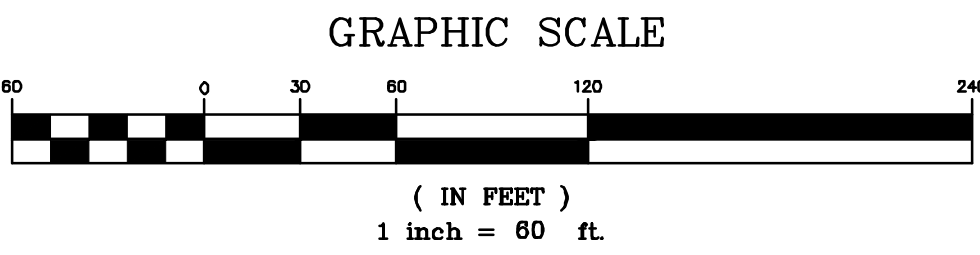
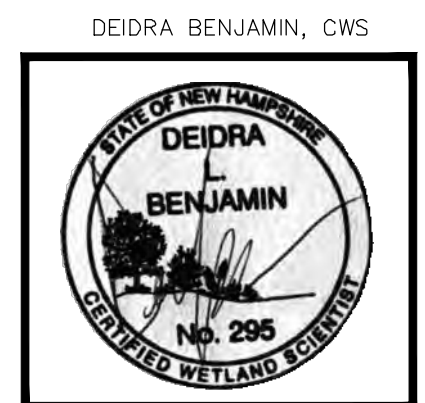
WETLAND NOTES:

THE PROJECT SITE WAS REVIEWED FOR WETLANDS BY DEIDRA BENJAMIN, IN SPRING 2022 UTILIZING THE FOLLOWING STANDARDS:

1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).
4. WETLANDS FOUND ON SITE ARE POORLY DRAINED. NO VERNAL POOLS WERE FOUND DURING THE MULTIPLE SITE VISITS DURING THE MONTHS OF APRIL 1, 2022 THROUGH AUGUST 1, 2022

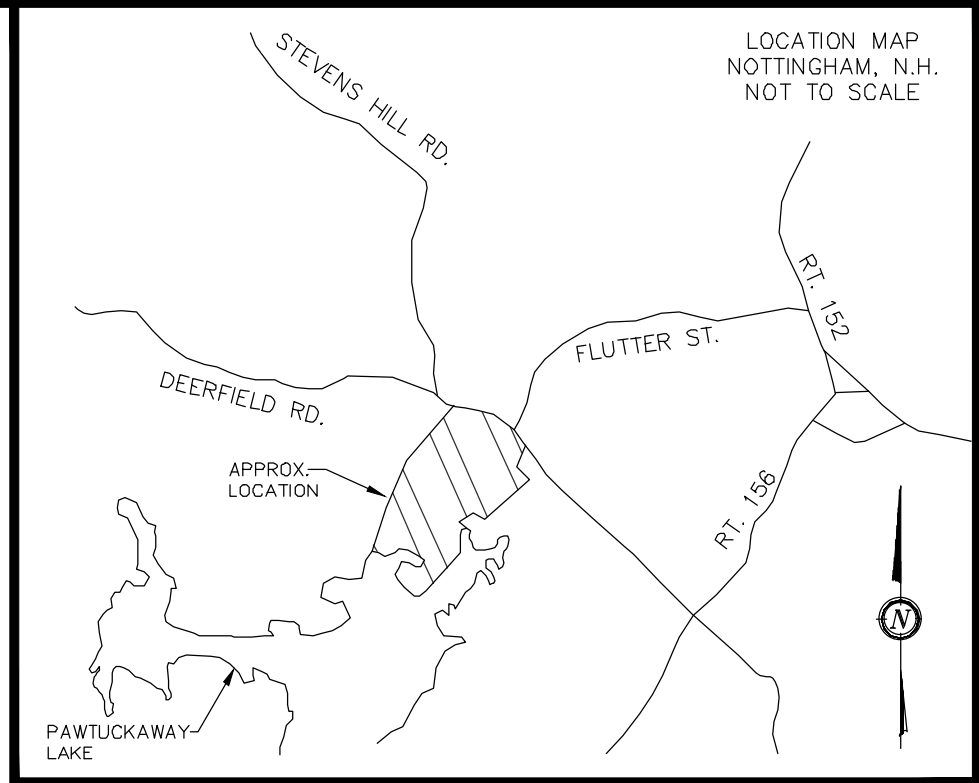
CONFORMANCE CHART:

REQUIREMENT	LOT 4-2-1	LOT 4-2
FRONT ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
SIDE ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
REAR ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
WETLANDS SETBACK ~ 50.0'	50.0' PROVIDED	50.0' PROVIDED
POORLY DRAINED	4,337,298 Sq.Ft. PROVIDED	524,065 Sq.Ft. PROVIDED
LOT SIZE ~ 87,120 Sq. Ft.,	2,345.34' PROVIDED	200.0' PROVIDED
MIN. LOT FRONTAGE ~ 200.0'		
MAX. BLDG. HEIGHT ~ 34'		

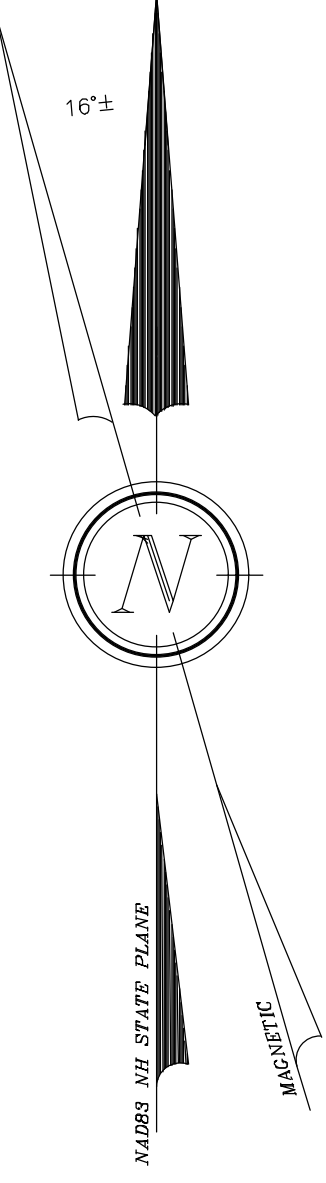


TAX MAP 52, LOT 4-2
PRO. LOT AREA:
524,065 Sq.Ft.±
12.03 Ac.±

TAX MAP 52, LOT
4-2-1
PRO. LOT AREA:
4,337,298 Sq.Ft.±
99.57 Ac.±



- NOTES:**
- OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - TAX MAP 52, LOT 4-2
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 - SEE PRIOR SHEETS FOR ADDITIONAL NOTES.



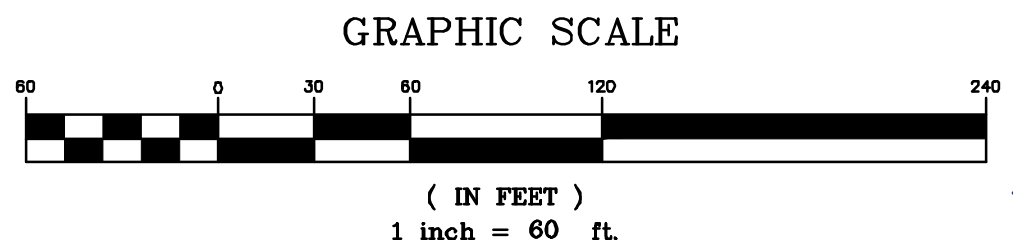
NOTTINGHAM
APPROVED
PLANNING BOARD

DATE

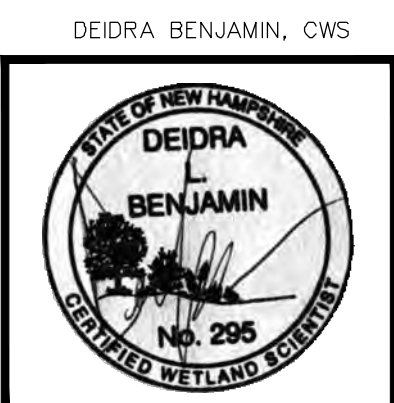
- WETLAND NOTES:**
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Kenneth A. Berry 1-25-23
KENNETH A. BERRY L.L.S. 805 DATE



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 - 3/4" REBAR W/ ID CAP ~SET~
 - GRANITE BOUND ~SET~
 - DRILL HOLE ~FND OR SET~
 - UTILITY POLE
 - MATCH LINE POINT
 - MATCH LINE
 - EXISTING PERIMETER BOUNDARY LINE
 - PROPOSED BOUNDARY LINE
 - PROPOSED BUILDING SETBACK LINE
 - SURVEY TIE LINE
 - POORLY DRAINED JURISDICTIONAL WETLANDS
 - 50' WETLANDS SETBACK
 - 75' LOCAL SURFACE WATER SETBACK
 - STREAM AND CRITICAL WETLAND
 - STONE WALL
 - STONE WALL REMAINS
 - FND FOUND
 - T.B.S. TO BE SET
 - TYP TYPICAL
 - R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS



REVISION	DATE	DESCRIPTION
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#1	11-1-22	REVISED PER PB MEETING 10-12-22

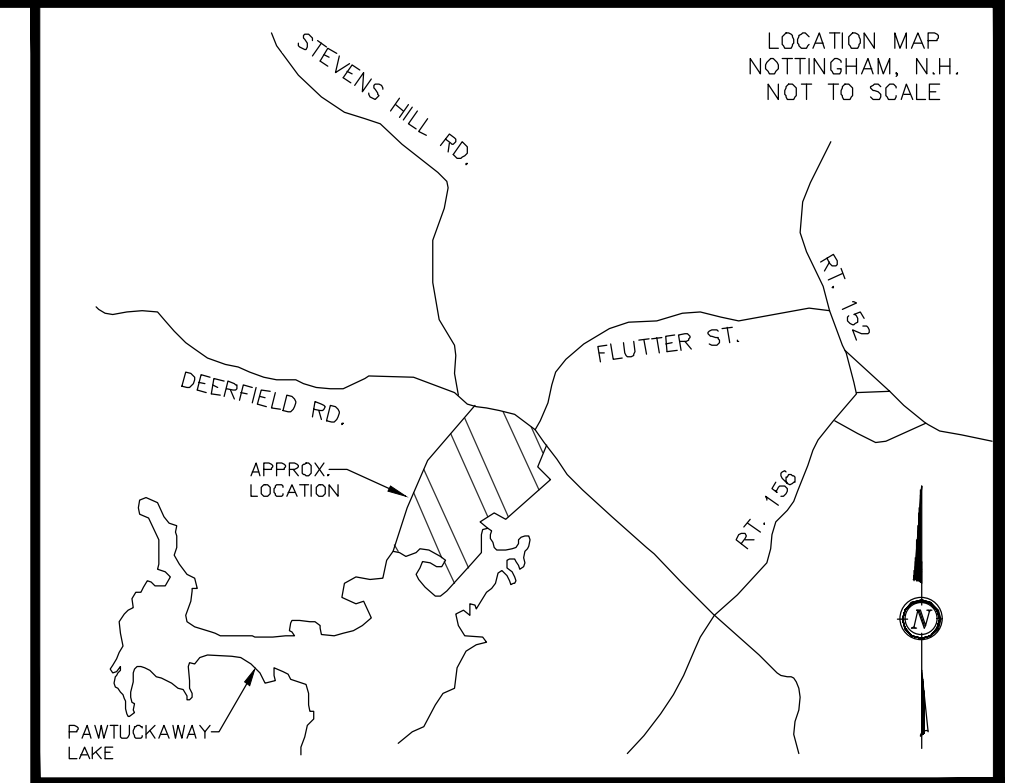
DETAIL SUBDIVISION PLAN
LAND OF
JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. (603)332-2863
SCALE : 1 IN. EQUALS 60 FT.
DATE : SEPTEMBER 19, 2022
FILE NO. : DB 2022 - 015

SOILS:

- 43C - CANTON FINE SANDY LOAM, 8-15% SLOPES VERY STONY
- 140B - CHATFIELD-HOLLIS-CANTON COMPLEX, 0-8% SLOPES, ROCKY
- 140C - CHATFIELD-HOLLIS-CANTON COMPLEX, 8-15% SLOPES, ROCKY
- 140D - CHATFIELD-HOLLIS-CANTON COMPLEX, 15-35% SLOPES, ROCKY
- 343C - CANTON GRAVELLY FINE SANDY LOAM, 8-15% SLOPES, EXTREMELY BOULDERY
- 343D - CANTON GRAVELLY FINE SANDY LOAM, 15-35% SLOPES, EXTREMELY BOULDERY
- 447B - SCITUATE-NEWFIELDS COMPLEX, 3-8% SLOPES, VERY STONY
- 495 - NATCHAUG MUCKY PEAT, 0-2% SLOPES
- 547B - WALPOLE VERY FINE SANDY LOAM, 3-8% SLOPES, VERY STONY

SEE WEBSOIL USDA-NRCS

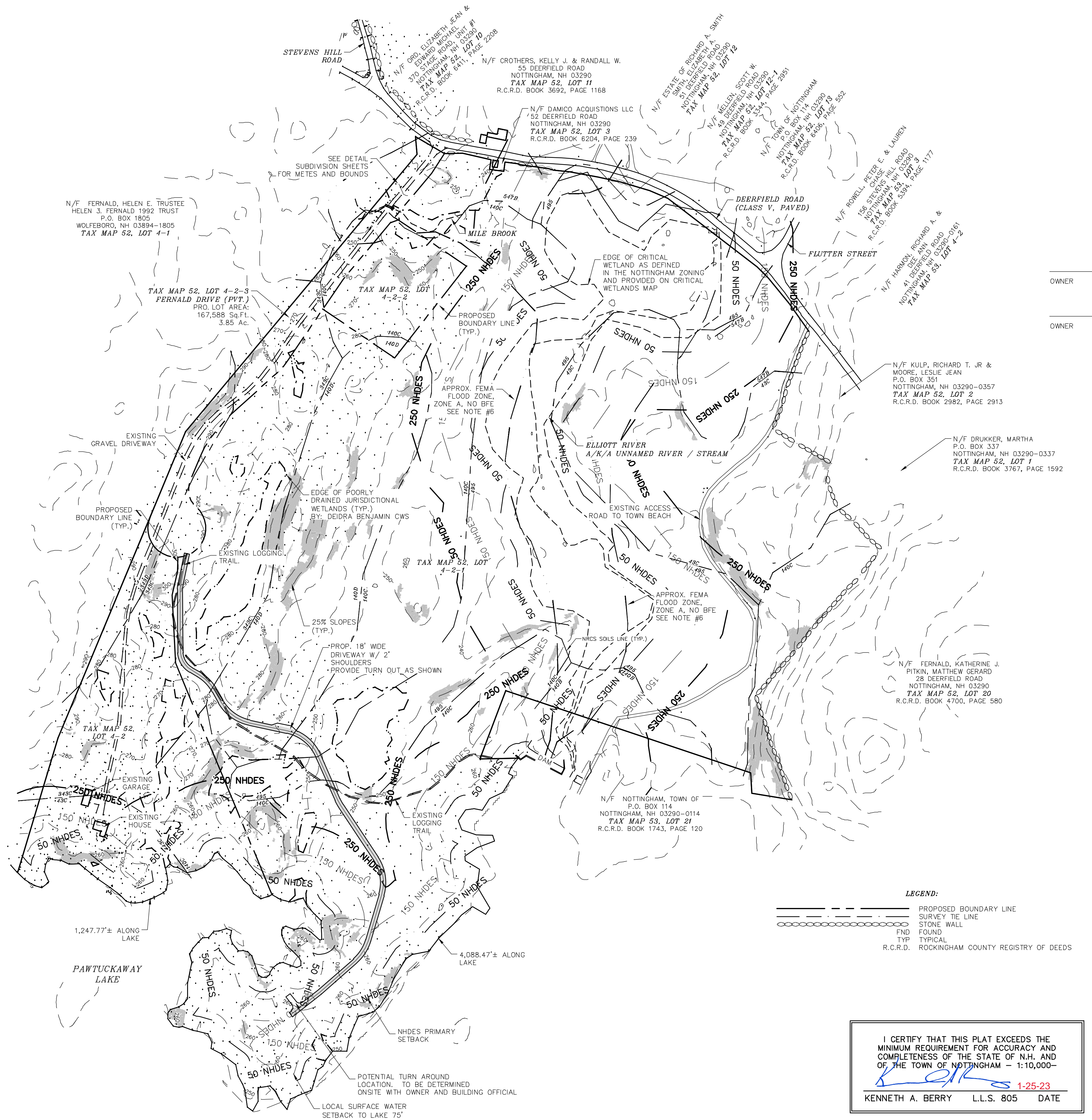
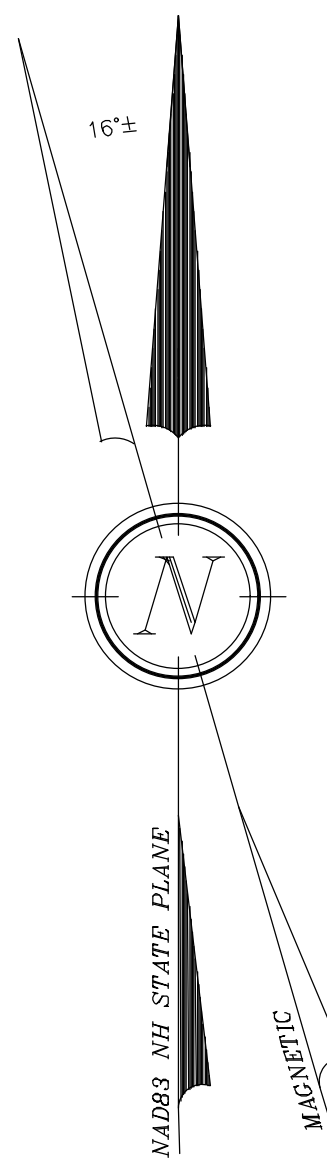
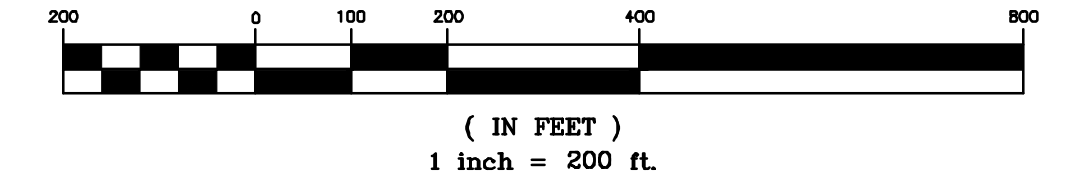


NOTES:

- 1.) OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
- 2.) TAX MAP 52, LOT 4-2
- 3.) LOT AREA: 5,151,298 Sq. Ft. ±, 118.26 Ac. ±
- 4.) R.C.R.D. BOOK 5468, PAGE 469
- 5.) ZONING: RESIDENTIAL/AGRICULTURAL
SETBACKS:
FRONT = 50.0'
SIDE = 50.0'
REAR = 50.0'
WETLANDS SETBACK = 50.0' POORLY DRAINED
MIN. LOT SIZE = 87,120 Sq. Ft., 2 Ac.
MIN. LOT FRONTAGE = 200.0'
MAX. BLDG. HEIGHT = 34'
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, A PORTION OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 33015C0185E & 33015C0205E, DATED: MAY 17, 2005
- 7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON APPROX. NAD83. COORDINATES GATHERED CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
- 8.) THE INTENT OF THIS PLAN IS PROVIDE AN OVERVIEW TOPOGRAPHIC PLAN FOR THE PROPOSED PROJECT. MAJOR CONTOURS ARE PROVIDED ON THIS PLAN AT 10' INTERVALS. SEE DETAIL TOPOGRAPHIC PLANS FOR ADDITIONAL INFORMATION.
- 9.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
- 10.) SEE DETAIL SUBDIVISION SHEETS FOR ADDITIONAL NOTES, WETLANDS, WETLAND BUFFERS AND SETBACKS.

OWNER _____
OWNER _____

GRAPHIC SCALE



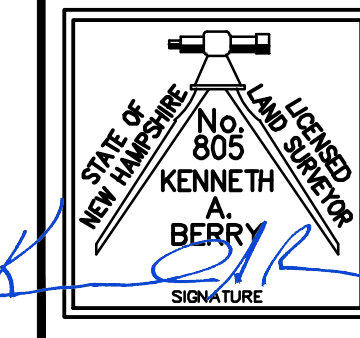
LEGEND:
 - - - - - PROPOSED BOUNDARY LINE
 - - - - - SURVEY TIE LINE
 - - - - - STONE WALL
 - - - - - FND FOUND
 - - - - - TYP TYPICAL
 R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS

I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM - 1:10,000-
 Kenneth A. Berry
 1-25-23
 KENNETH A. BERRY L.L.S. 805 DATE

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REVISION	DATE	DESCRIPTION

TOPOGRAPHIC OVERVIEW SUBDIVISION PLAN
 LAND OF
 JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
 54 DEERFIELD ROAD
 NOTTINGHAM, N.H.
 TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT RD.
 BARRINGTON, N.H. (603)332-2863
 SCALE : 1 IN. EQUALS 200 FT.
 DATE : SEPTEMBER 19, 2022
 FILE NO. : DB 2022 - 015



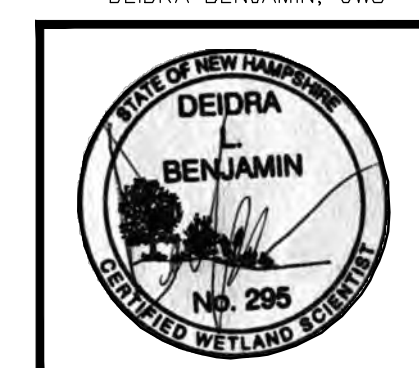
LEGEND:

- WELL
- IRON BOUND ~FND OR SET~
- 3/4" REBAR W/ ID CAP ~SET~
- GRANITE BOUND ~SET~
- DRILL HOLE ~FND OR SET~
- UTILITY POLE
- BENCHMARK (AS NOTED)
- TEST HOLE (AS NOTED)
- MATCH LINE POINT
- MATCH LINE
- EXISTING PERIMETER BOUNDARY LINE
- PROPOSED BOUNDARY LINE
- PROPOSED BUILDING SETBACK LINE
- PROPOSED SEPTIC SETBACK LINE
- 4,000 Sq. Ft. SEPTIC LEACHING AREA
- STEEP SLOPE >25%
- POTENTIAL EASEMENT
- SURVEY TIE LINE
- POORLY DRAINED JURISDICTIONAL WETLANDS FLOOD ZONE
- NRCS SOILS LINE
- 50' NHDES
- 150' NHDES
- 250' NHDES
- STONE WALL
- STONE WALL REMAINS
- FND
- TYP
- R.C.R.D.

WETLAND NOTES:

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DEIDRA BENJAMIN, CWS



TEST HOLES:

CONDUCTED 7-7-22 BY CRB PERMIT #1886

TH #5

- 0-0.4' 10YR 2/2 FINE SANDY LOAM, GRANULAR, FRIABLE, DUFF
- 0.4'-1.8' 10YR 5/8 FINE SANDY LOAM, GRANULAR, FRIABLE, DUFF
- 2.1'-4.2' 2.5Y 6/4 FINE LOAMY SAND, MEDIUM, BLOCKY, FRIABLE
- REDOX @ 1.8', VERY ROCKY, FIRM IN HOLE

E.S.H.W.T. = 2.1'
ROOTS TO 2.1'
NO REFUSAL
P = 8 MIN/IN

TH #6

- 0-0.4' 10YR 2/2 FINE SANDY LOAM, GRANULAR, FRIABLE, DUFF
- 0.4'-2.2' 10YR 5/8 FINE SANDY LOAM, GRANULAR, FRIABLE, DUFF
- 2.2'-4.4' 2.5Y 6/4 FINE LOAMY SAND, GRANULAR, MOIST, FRIABLE IN HAND, FIRM IN HOLE

E.S.H.W.T. = 2.2'
ROOTS TO 2.2'
NO REFUSAL
P = 8 MIN/IN

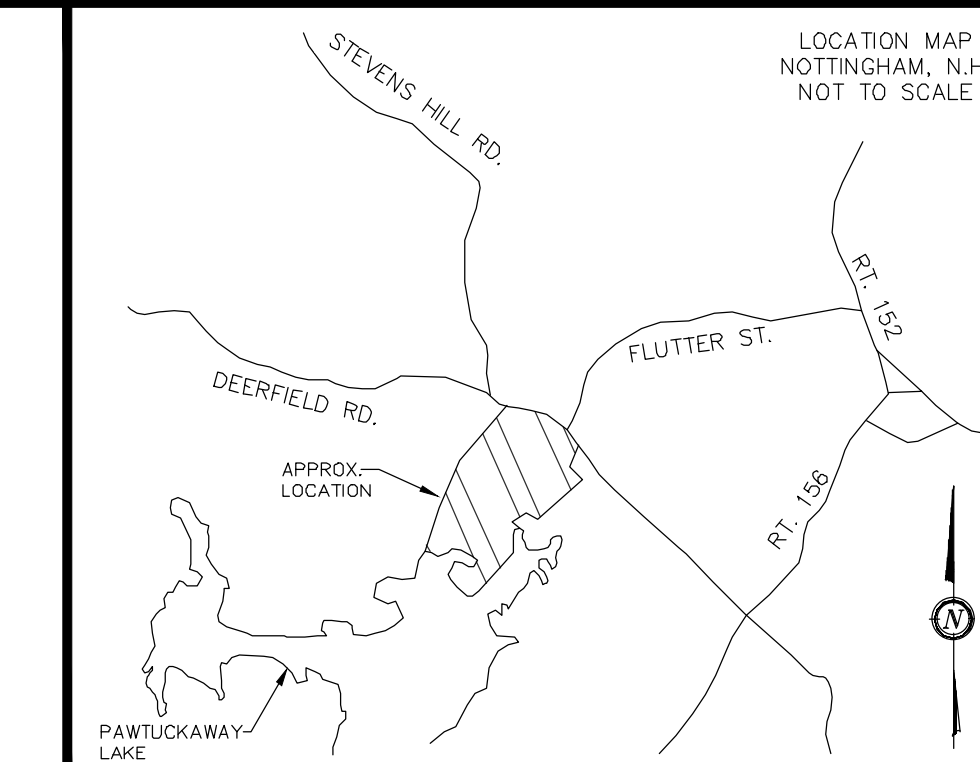
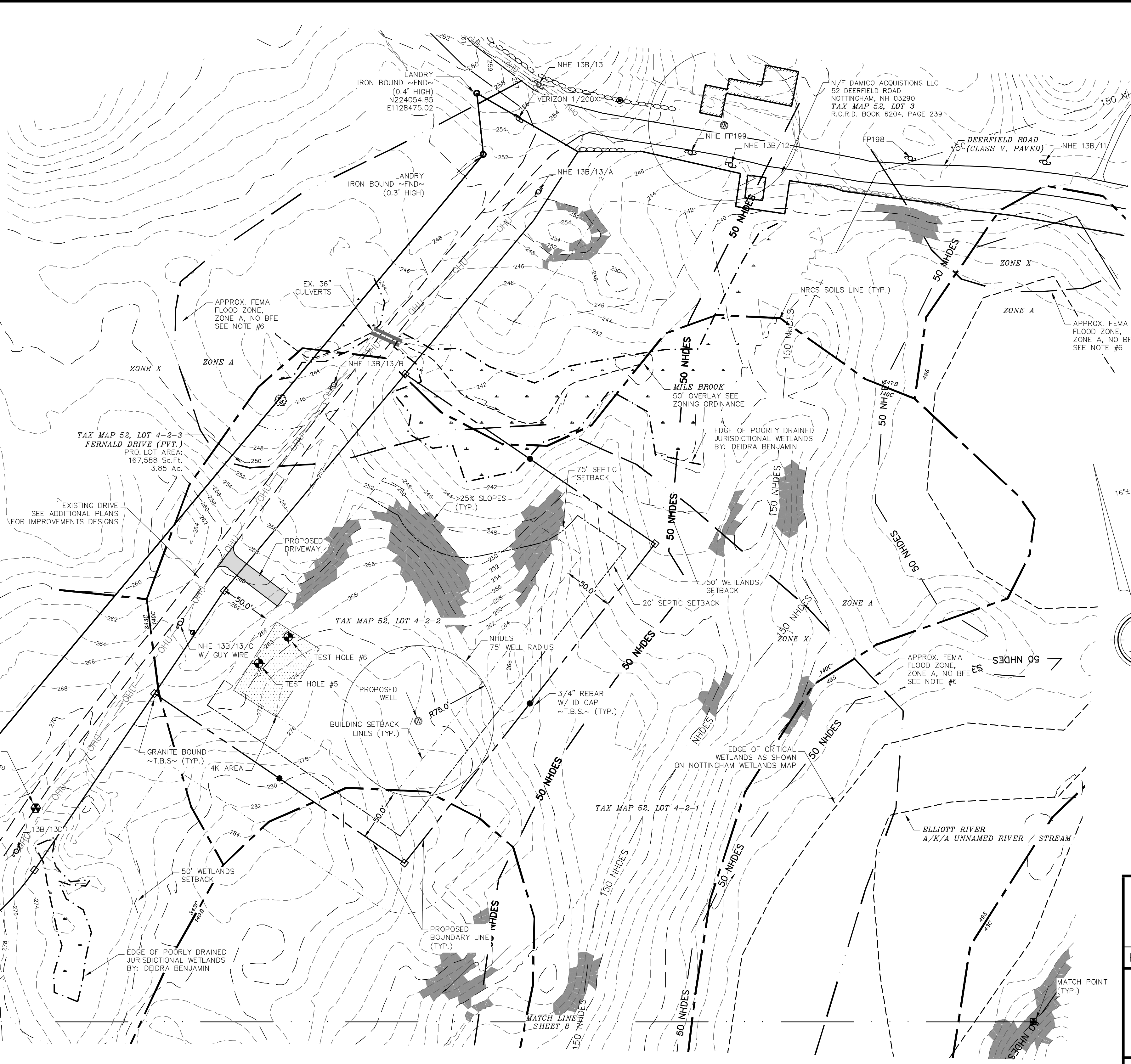
SOILS:

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SOILS (CONT.):

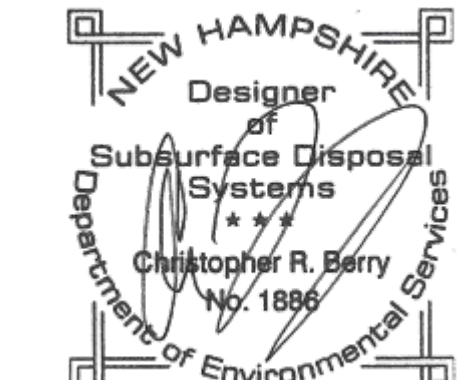
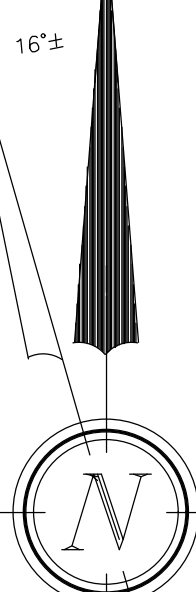
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NOTES:

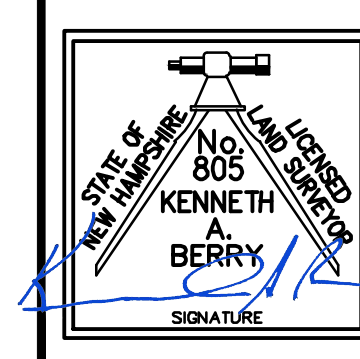
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- THE INTENT OF THIS PLAN IS TO SHOW THE TOPOGRAPHIC FEATURES OF THE PROPOSED SUBDIVISION.
- WELL AND SEPTIC RESERVE AREAS ARE NON-EXCLUSIVE AREAS. THOUGH THOSE SHOWN MEET THE NOTTINGHAM ZONING AND SUBDIVISION REGULATIONS THERE ARE LIKELY OTHER AREAS ON THE LOT THAT QUALIFY FOR WELL AND SEPTIC PLACEMENT.



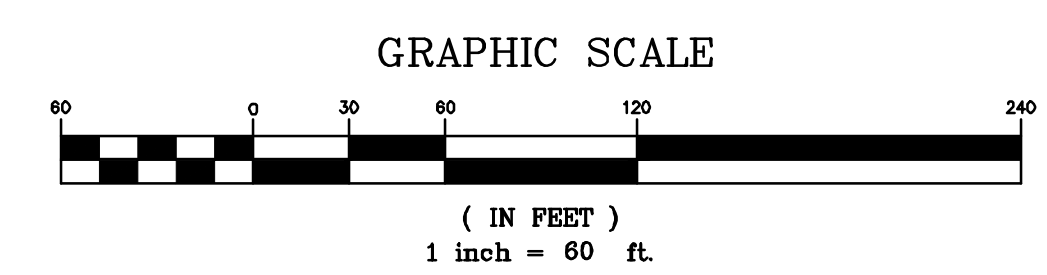
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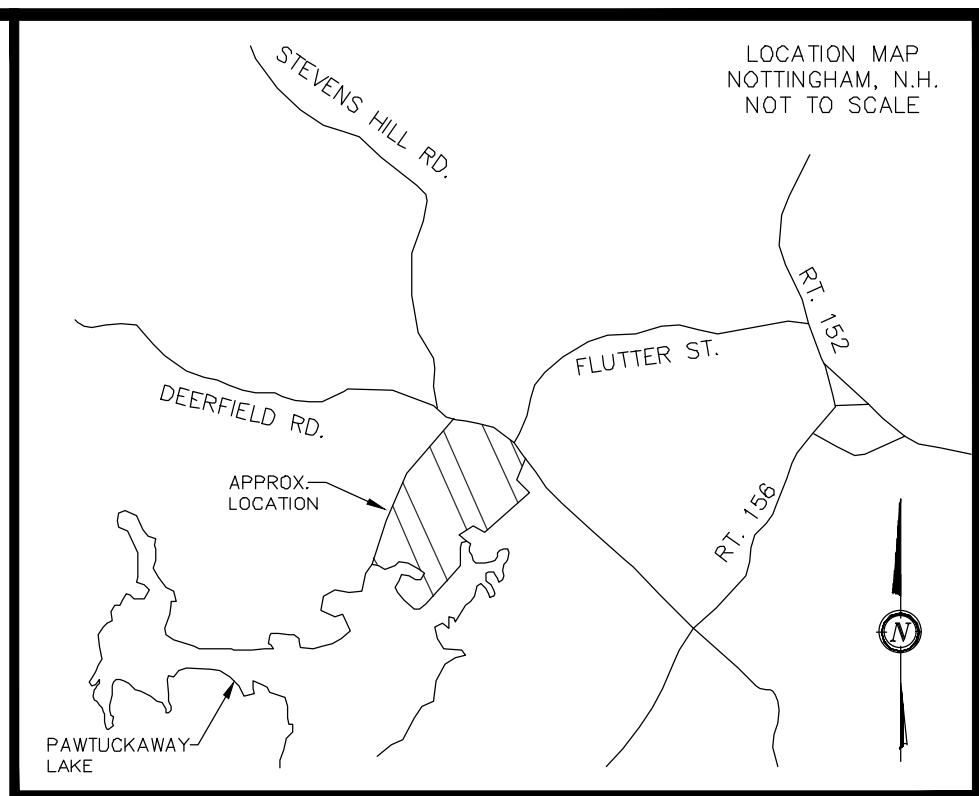
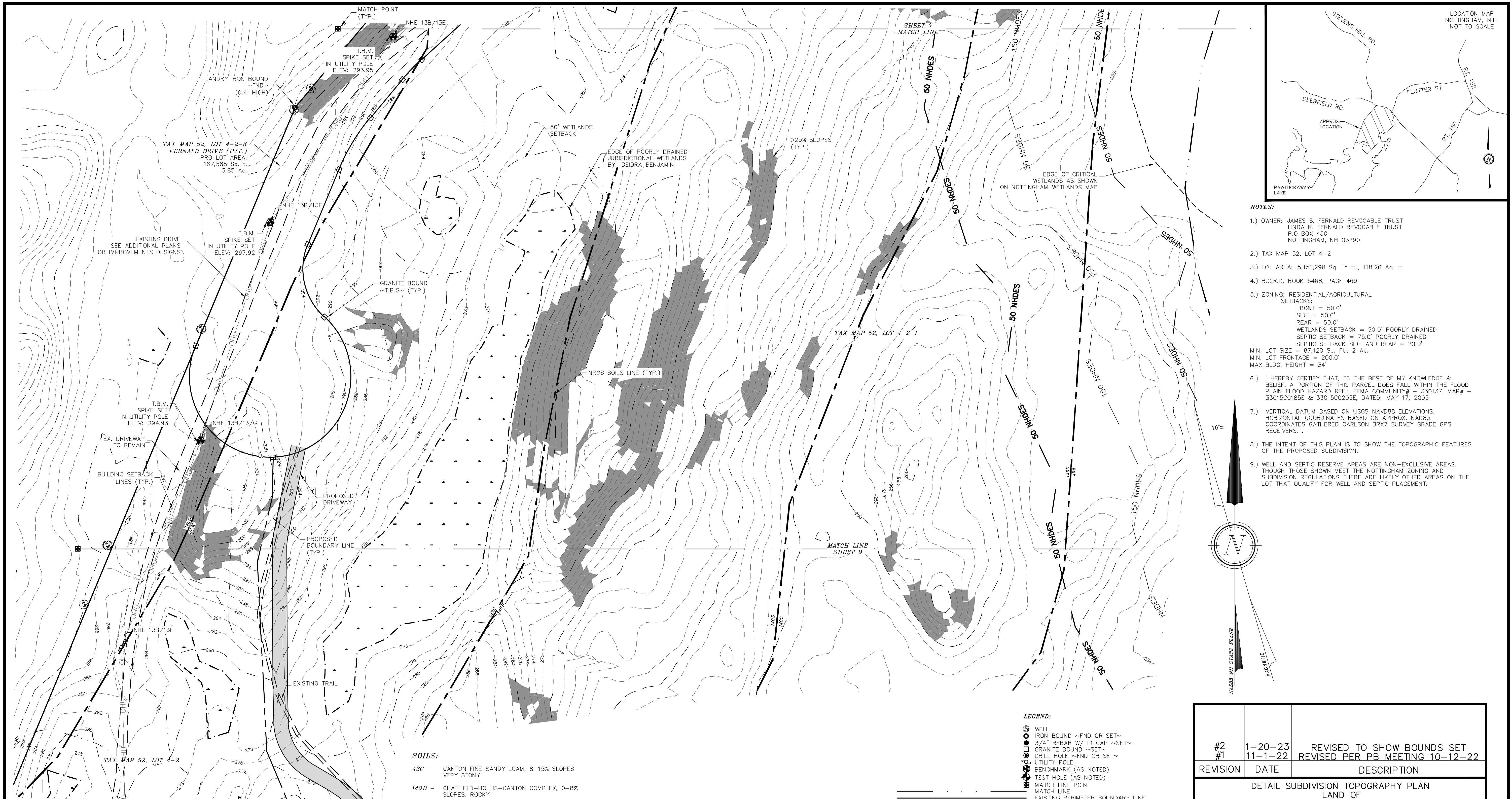
DETAIL SUBDIVISION TOPOGRAPHY PLAN
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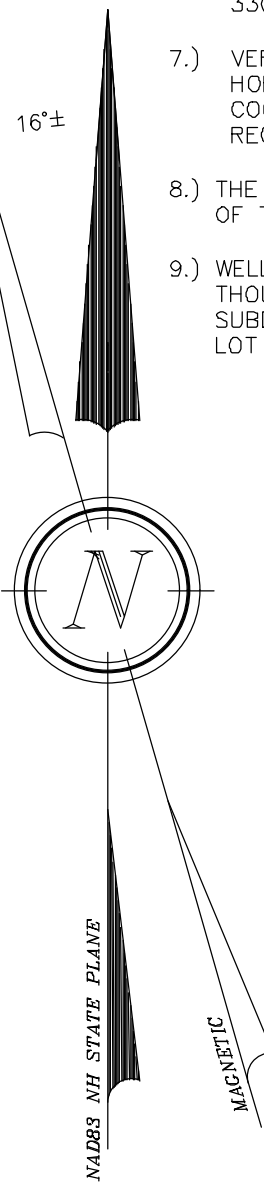


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Kenneth A. Berry 1-25-23
KENNETH A. BERRY L.L.S. 805 DATE





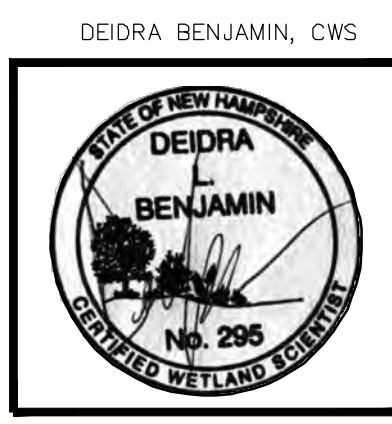
- NOTES:**
- OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - TAX MAP 52, LOT 4-2
 - LOT AREA: 5,151,298 Sq. Ft ±, 118.26 Ac. ±
 - R.C.R.D. BOOK 5468, PAGE 469
 - ZONING: RESIDENTIAL/AGRICULTURAL
SETBACKS:
FRONT = 50.0'
SIDE = 50.0'
REAR = 50.0'
WETLANDS SETBACK = 50.0' POORLY DRAINED
SEPTIC SETBACK = 75.0' POORLY DRAINED
SEPTIC SETBACK SIDE AND REAR = 20.0'
MIN. LOT SIZE = 87,120 Sq. Ft., 2 Ac.
MIN. LOT FRONTAGE = 200.0'
MAX. BLDG. HEIGHT = 34'
 - I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, A PORTION OF THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 33015C0185E & 33015C0205E, DATED: MAY 17, 2005
 - VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON APPROX. NAD83. COORDINATES GATHERED CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
 - THE INTENT OF THIS PLAN IS TO SHOW THE TOPOGRAPHIC FEATURES OF THE PROPOSED SUBDIVISION.
 - WELL AND SEPTIC RESERVE AREAS ARE NON-EXCLUSIVE AREAS. THOUGH THOSE SHOWN MEET THE NOTTINGHAM ZONING AND SUBDIVISION REGULATIONS THERE ARE LIKELY OTHER AREAS ON THE LOT THAT QUALIFY FOR WELL AND SEPTIC PLACEMENT.



WETLAND NOTES:

THE PROJECT SITE WAS REVIEWED FOR WETLANDS BY DEIDRA BENJAMIN, IN SPRING 2022 UTILIZING THE FOLLOWING STANDARDS:

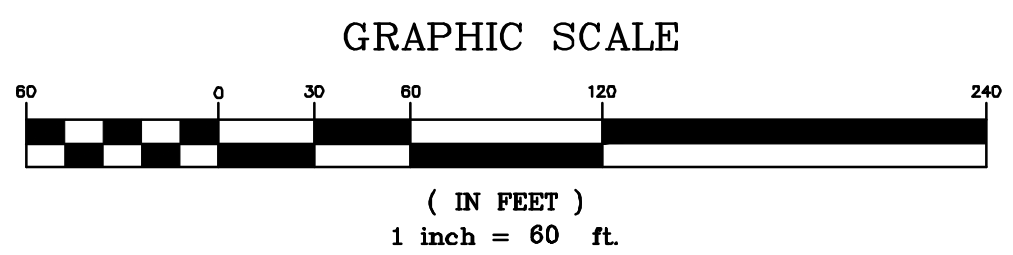
- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
- FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0, UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
- NATIONAL WETLAND PLANT LIST (CURRENT VERSION).
- WETLANDS FOUND ON SITE ARE POORLY DRAINED. NO VERNAL POOLS WERE FOUND DURING THE MULTIPLE SITE VISITS DURING THE MONTHS OF APRIL 1, 2022 THROUGH AUGUST 1, 2022



- SOILS:**
- 43C - CANTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
 - 140B - CHATFIELD-HOLLIS-CANTON COMPLEX, 0-8% SLOPES, ROCKY
 - 140C - CHATFIELD-HOLLIS-CANTON COMPLEX, 8-15% SLOPES, ROCKY
 - 140D - CHATFIELD-HOLLIS-CANTON COMPLEX, 15-35% SLOPES, ROCKY
 - 343C - CANTON GRAVELLY FINE SANDY LOAM, 8-15% SLOPES, EXTREMELY BOULDERY
 - 343D - CANTON GRAVELLY FINE SANDY LOAM, 15-35% SLOPES, EXTREMELY BOULDERY
 - 447B - SCITUATE-NEWFIELDS COMPLEX, 3-8% SLOPES, VERY STONY
 - 495 - NATCHAUG MUCKY PEAT, 0-2% SLOPES
 - 547B - WALPOLE VERY FINE SANDY LOAM, 3-8% SLOPES, VERY STONY
- SEE WEBSOIL USDA-NRCS

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

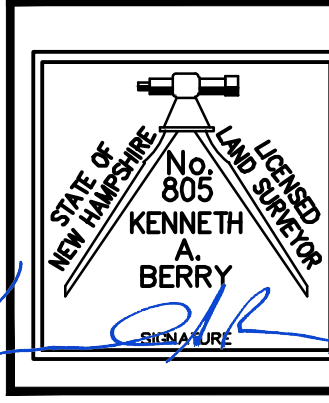
Kenneth A. Berry 1-25-23
KENNETH A. BERRY L.L.S. 805 DATE



- LEGEND:**
- WELL
 - IRON BOUND ~FND OR SET~
 - 3/4" REBAR W/ ID CAP ~SET~
 - GRANITE BOUND ~SET~
 - DRILL HOLE ~FND OR SET~
 - UTILITY POLE
 - BENCHMARK (AS NOTED)
 - TEST HOLE (AS NOTED)
 - MATCH LINE POINT
 - MATCH LINE
 - EXISTING PERIMETER BOUNDARY LINE
 - PROPOSED BOUNDARY LINE
 - PROPOSED BUILDING SETBACK LINE
 - PROPOSED SEPTIC SETBACK LINE
 - 4,000 Sq. Ft. SEPTIC LEACHING AREA
 - STEEP SLOPE >25%
 - POTENTIAL EASEMENT
 - SURVEY TIE LINE
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 - NRCS SOILS LINE
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 - 50' NHDES PRIMARY SETBACK
 - 75' LOCAL SURFACE WATER SETBACK
 - 150' NHDES WOODLAND BUFFER ZONE
 - 250' NHDES SHORELINE PROTECTION ZONE
 - STREAM AND CRITICAL WETLAND
 - STONE WALL
 - STONE WALL REMAINS
 - FOUND
 - TYP
 - R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS

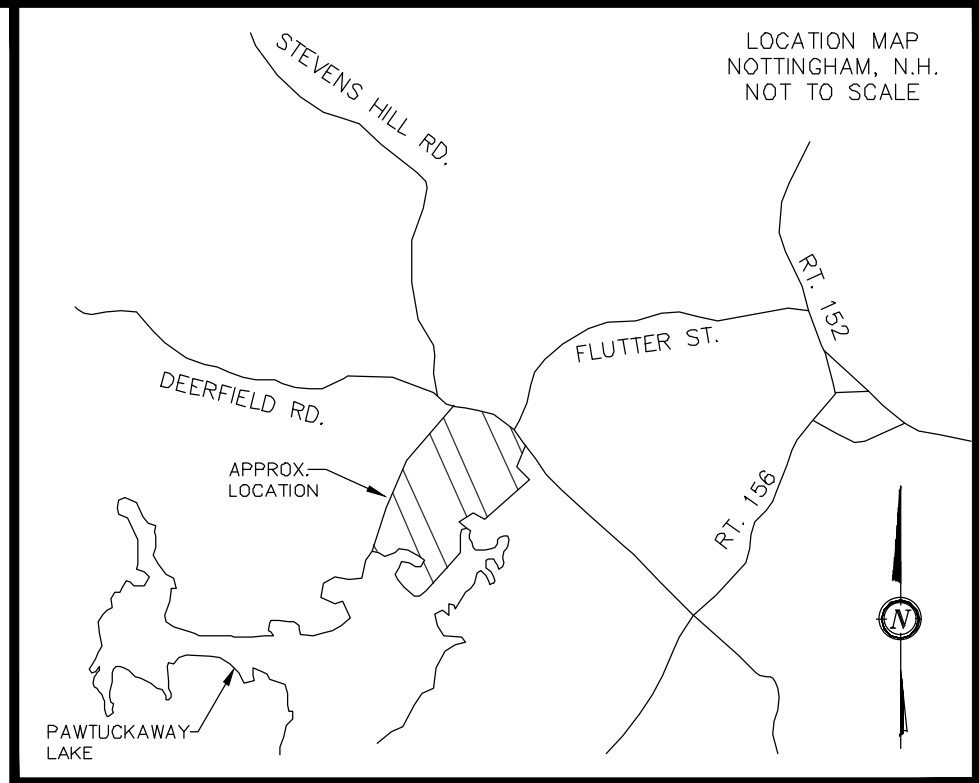
REVISION	DATE	DESCRIPTION
#2	1-20-23	REVISED TO SHOW BOUNDS SET
#1	11-1-22	REVISED PER PB MEETING 10-12-22

DETAIL SUBDIVISION TOPOGRAPHY PLAN
LAND OF
JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2



BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. (603)332-2863

SCALE : 1 IN. EQUALS 60 FT
DATE : SEPTEMBER 19, 2022
FILE NO. : DB 2022 - 015



- NOTES:**
- OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
P.O. BOX 450
NOTTINGHAM, NH 03290
 - TAX MAP 52, LOT 4-2
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- SOILS:**
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 - 495 - NATCHAUG MUCKY PEAT, 0-2% SLOPES
 - 547B - WALPOLE VERY FINE SANDY LOAM, 3-8% SLOPES, VERY STONY

- TEST HOLES:**
CONDUCTED 7-7-22 BY CRB PERMIT #1886
- TH #1**
- 0-0.5' 10YR 2/2 FINE SANDY LOAM, GRANULAR, FRIABLE
 - 0.5'-1.3' 10YR 4/6 FINE SANDY LOAM, GRANULAR, WEAK FRIABLE
 - 1.3'-2.9' 10YR 7/2 FINE LOAMY SAND, GRANULAR, WEAK FRIABLE
 - 2.9'-5.0' 2.5Y 6/2 COURSE SAND, GRANULAR, WEAK FRIABLE, REDOX @ 2.9', VERY ROCKY, FIRM IN HOLE
- E.S.H.W.T. = 2.9'
ROOTS TO 2.9'
NO REFUSAL
P = 6-8 MIN/IN
- TH #2**
- 0-0.5' 10YR 2/2 FINE SANDY LOAM, GRANULAR, FRIABLE
 - 0.5'-1.2' 10YR 4/6 FINE SANDY LOAM, GRANULAR, WEAK FRIABLE
 - 1.2'-2.5' 10YR 7/2 FINE LOAMY SAND, GRANULAR, WEAK FRIABLE
 - 2.5'-4.5' 2.5Y 6/2 COURSE SAND, GRANULAR, WEAK FRIABLE, REDOX @ 2.9', VERY ROCKY, FIRM IN HOLE
- E.S.H.W.T. = 2.5'
ROOTS TO 2.5'
NO REFUSAL
P = 6-8 MIN/IN

WETLAND NOTES:

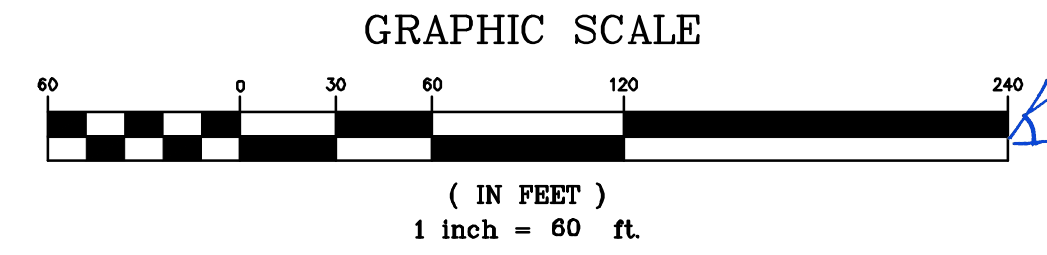
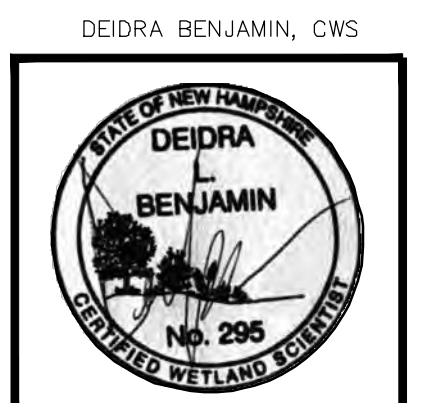
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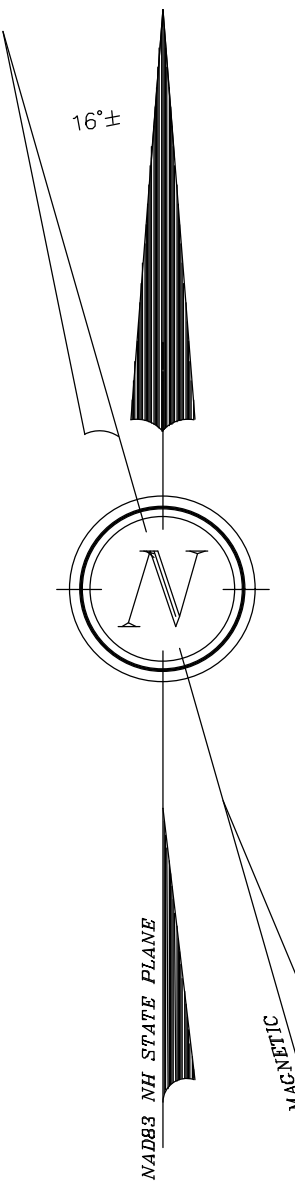
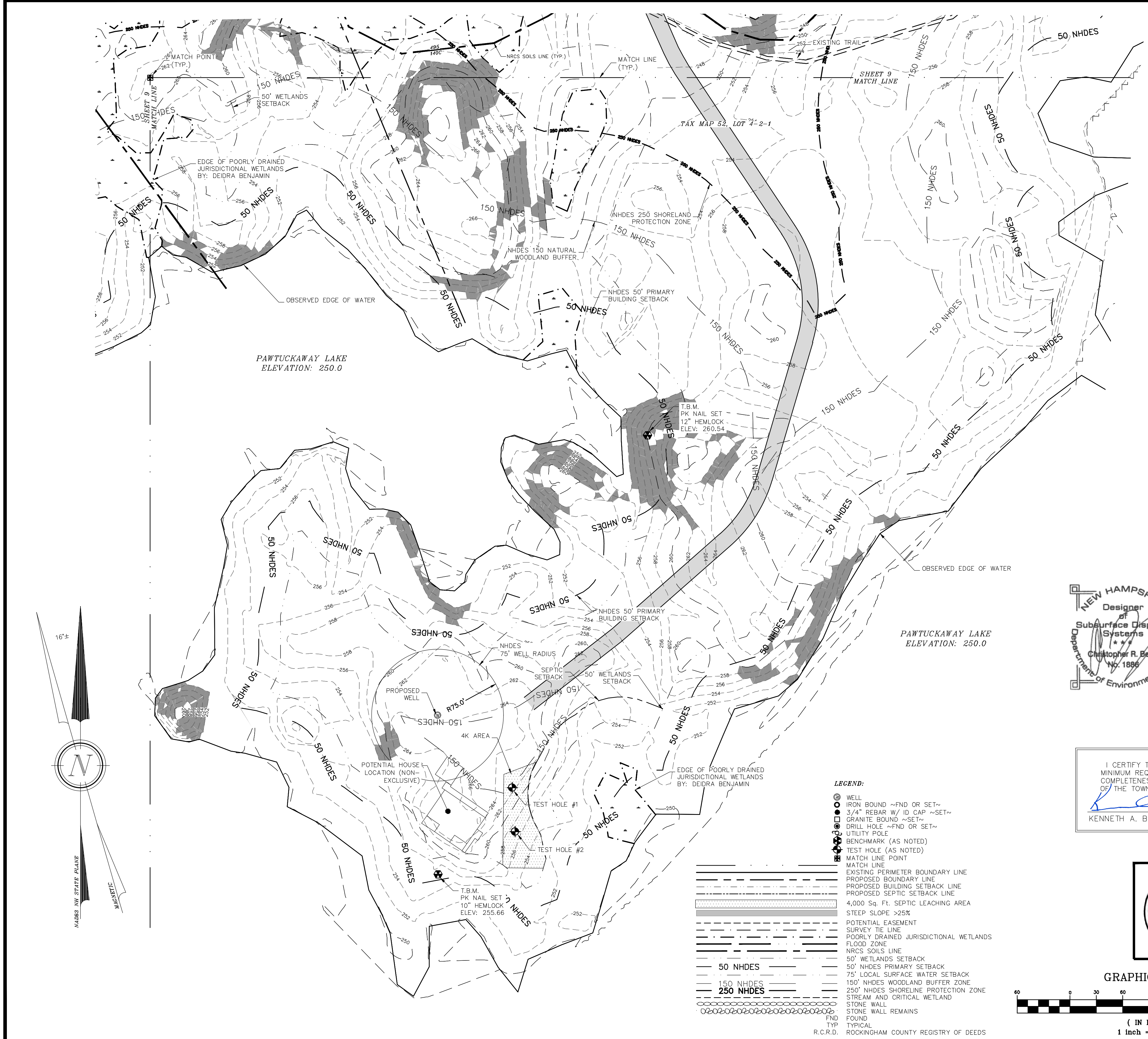


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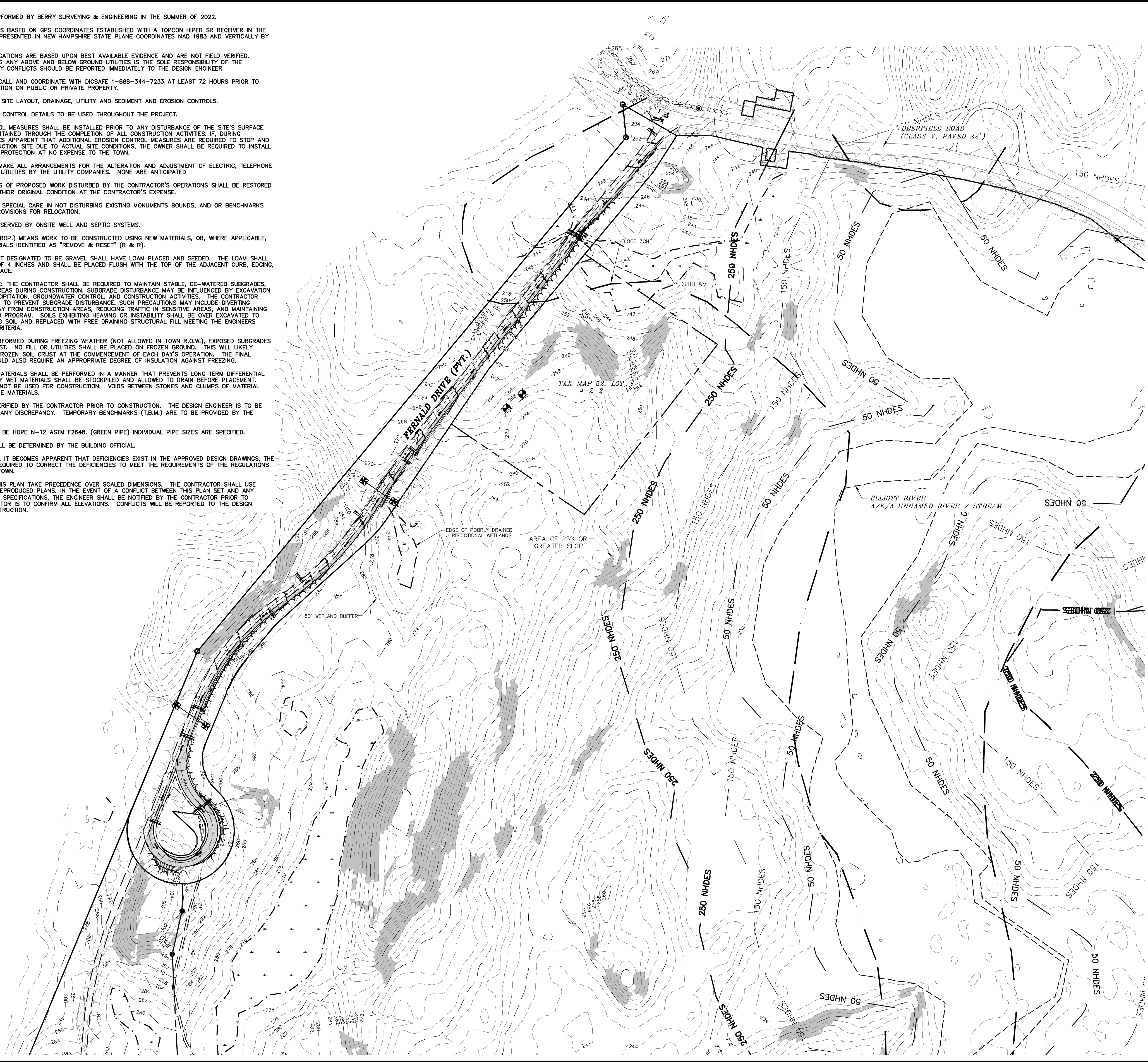


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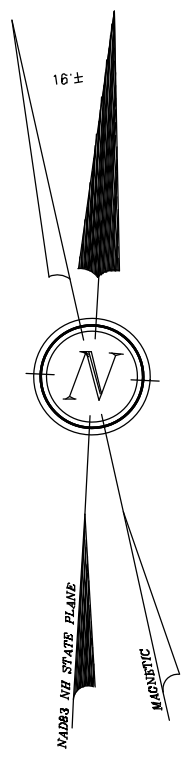


#2	1-20-23	REVISED TO SHOW BOUNDS SET
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REVISION	DATE	DESCRIPTION
DETAIL SUBDIVISION TOPOGRAPHY PLAN LAND OF JAMES S. FERNALD REVOCABLE TRUST & LINDA R. FERNALD REVOCABLE TRUST 54 DEERFIELD ROAD NOTTINGHAM, N.H. TAX MAP 52, LOT 4-2		
BERRY SURVEYING & ENGINEERING 335 SECOND CROWN POINT RD. BARRINGTON, N.H. (603)332-2863 SCALE : 1 IN. EQUALS 60 FT DATE : SEPTEMBER 19, 2022 FILE NO. : DB 2022 - 015		

- 9.) TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN THE SUMMER OF 2022.
- 10.) DATUM: PROJECT DATUM IS BASED ON GPS COORDINATES ESTABLISHED WITH A TOPCON HIPER SR RECEIVER IN THE SUMMER OF 2018 AND REPRESENTED IN NEW HAMPSHIRE STATE PLANE COORDINATES NAD 1983 AND VERTICALLY BY NAVD 1988.
- 11.) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- 12.) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DISFAE 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- 13.) SEE DETAILS CONCERNING SITE LAYOUT, DRAINAGE, UTILITY AND SEDIMENT AND EROSION CONTROLS.
- 14.) SEE SEDIMENT & EROSION CONTROL DETAILS TO BE USED THROUGHOUT THE PROJECT.
- 15.) 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 AND 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.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES. NONE ARE ANTICIPATED.
- 17.) AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 18.) CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
- 19.) THE SUBDIVISION WILL BE SERVED BY ONSITE WELL AND SEPTIC SYSTEMS.
- 20.) THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE & RESET" (R & R).
- 21.) ALL DISTURBED AREAS NOT DESIGNATED TO BE GRAVEL SHALL HAVE LOAM PLACED AND SEEDED. THE LOAM SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, EDGING, BERM OR PAVEMENT SURFACE.
- 22.) PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DE-WATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEERS SPECIFIC RECOMMENDED CRITERIA.
- 23.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.
- 24.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
- 25.) ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- 26.) ALL DRAINAGE PIPE IS TO BE HDPE N-12 ASTM F2648. (GREEN PIPE) INDIVIDUAL PIPE SIZES ARE SPECIFIED.
- 27.) BUILDING ADDRESSES SHALL BE DETERMINED BY THE BUILDING OFFICIAL.
- 28.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
- 29.) WRITTEN DIMENSION 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 PRIOR TO CONSTRUCTION. CONTRACTOR IS TO CONFIRM ALL ELEVATIONS. CONFLICTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.

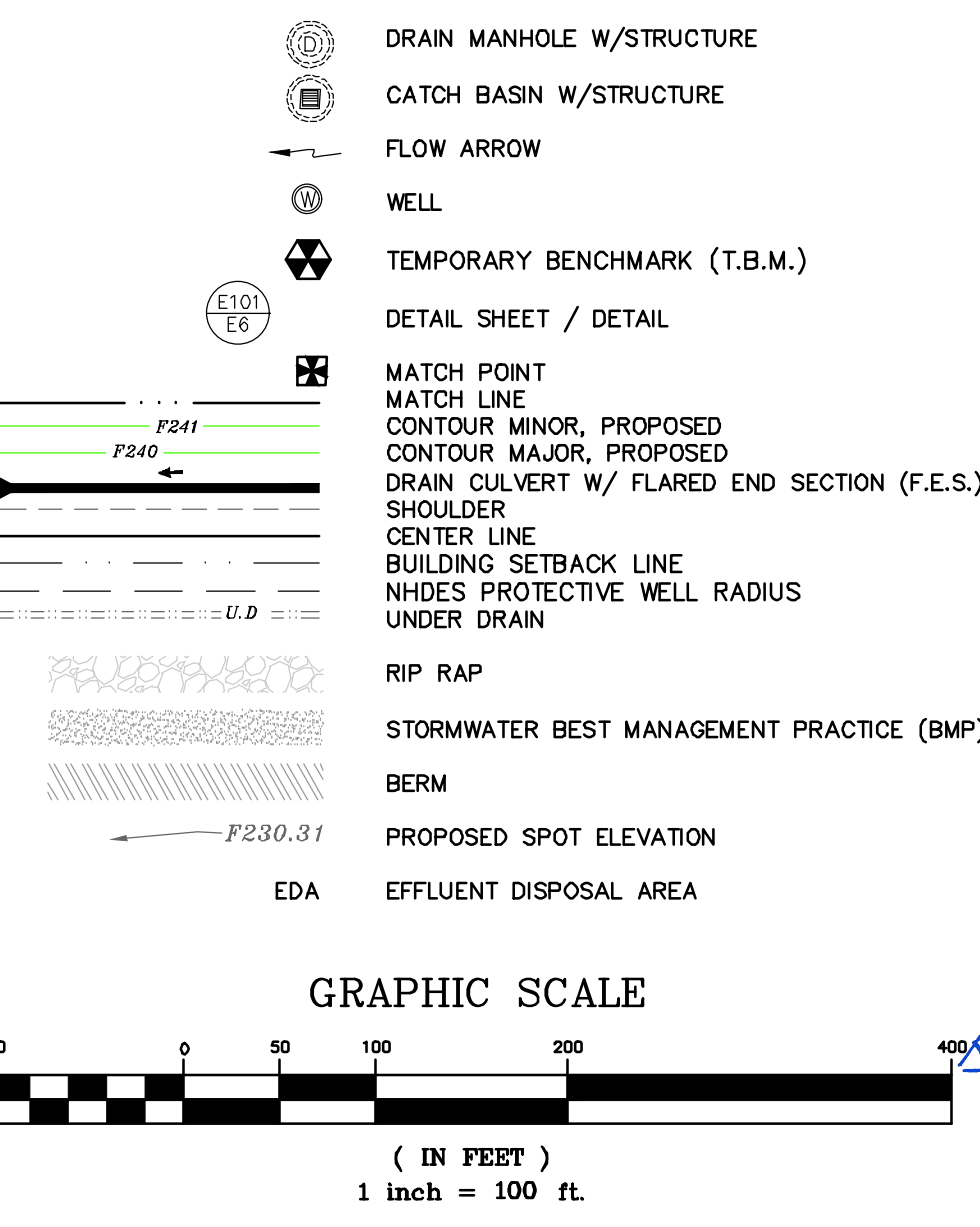


- NOTES:**
- 1.) OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
PO BOX 450
NOTTINGHAM, NH 03290
 - 2.) LOT OF RECORD: TAX MAP 52, LOT 4-2
 - 3.) LOT AREA: 6,151,298 Sq. Ft. ±, 118.26 Ac. ±
 - 4.) R.C.R.D. BOOK 5468, PAGE 469
 - 5.) THE INTENT OF THIS PLAN IS TO PROVIDE THE OVERALL GRADING SCHEME NEEDED FOR THE SMALL WIDENING ALONG A PROPOSED PRIVATE ROAD KNOWN AS FERNALD DRIVE.
 - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
 - 7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 8.) EXISTING CONTOURS ARE PROVIDED AT A 2' INTERVAL AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



- EXISTING LEGEND:**
- DRILL HOLE ~FND~
 - IRON PIPE ~FND~
 - ⊙ IRON BOUND ~FND~
 - ⊠ ANGLE IRON ~FND~
 - NH&B GRANITE BOUND ~FND~
 - ⊕ TEST PIT
 - ▬ LEDGE PROBE
 - ⊕ TEMPORARY BENCHMARK (T.B.M.)
 - ⊕ BLAZED/PAINTED TREE
 - POORLY DRAINED JURISDICTIONAL WETLAND LINE
 - EASEMENT LINE
 - WETLAND SETBACK 50' TO POORLY DRAINED
 - STONE WALL
 - STONE WALL REMAINS
 - EXISTING DRAIN CULVERT
 - CONTOUR MINOR, EXISTING
 - CONTOUR MAJOR, EXISTING

- PROPOSED LEGEND:**
- 4"x4" GRANITE BOUND ~TBS~
 - 3/4" REBAR W/ ID CAP ~TBS~
 - 1/2" EASEMENT REBAR W/ ID CAP ~TBS~
 - PROPOSED LOT LINE
 - REVISION LINE
 - PROPOSED EASEMENT LINE
 - ⊕ DRAIN MANHOLE W/STRUCTURE
 - ⊕ CATCH BASIN W/STRUCTURE
 - FLOW ARROW
 - ⊕ WELL
 - ⊕ TEMPORARY BENCHMARK (T.B.M.)
 - DETAIL SHEET / DETAIL
 - MATCH POINT
 - MATCH LINE
 - CONTOUR MINOR, PROPOSED
 - CONTOUR MAJOR, PROPOSED
 - DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
 - SHOULDER
 - CENTER LINE
 - BUILDING SETBACK LINE
 - NHDES PROTECTIVE WELL RADIUS
 - UNDER DRAIN
 - RIP RAP
 - STORMWATER BEST MANAGEMENT PRACTICE (BMP)
 - BERM
 - PROPOSED SPOT ELEVATION
 - EDA EFFLUENT DISPOSAL AREA

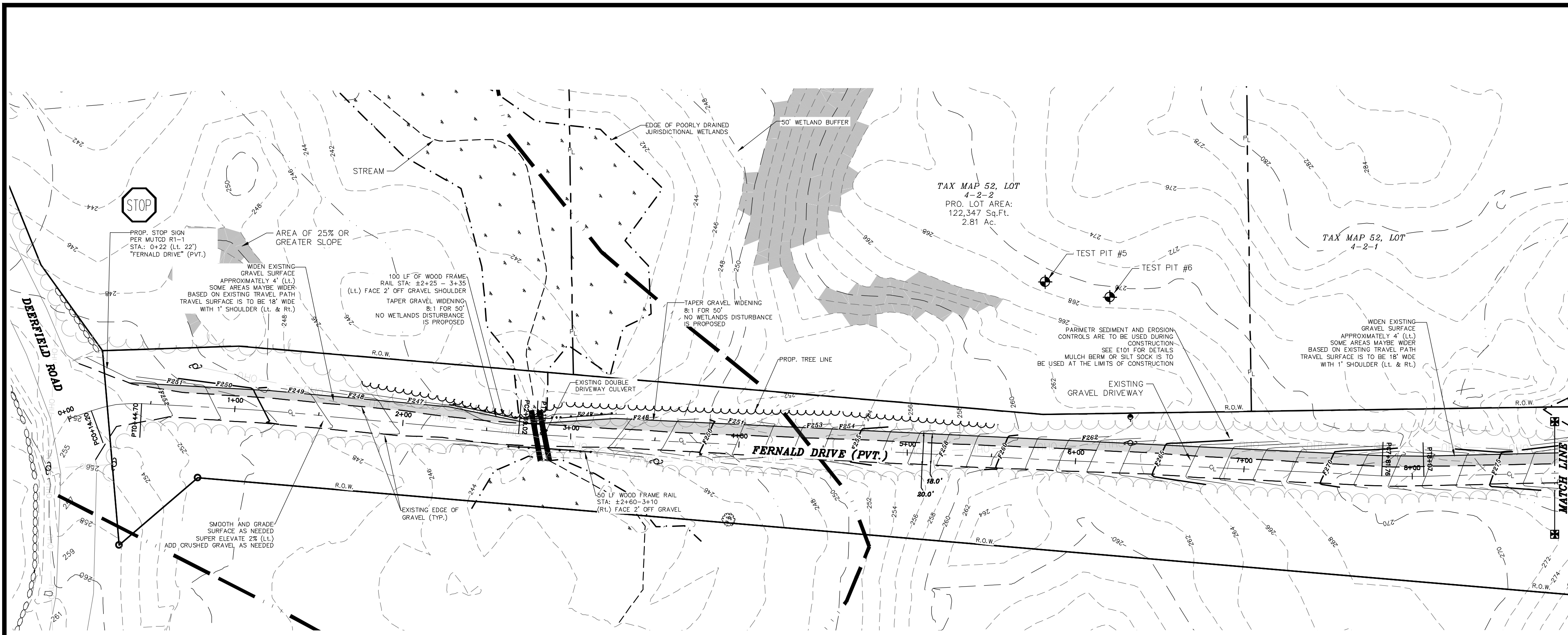


REVISION	DATE	DESCRIPTION
#1	11-1-22	REVISED PER THE PB MEETING 10-12-22

OVERVIEW GRADING & DRAINAGE PLAN
 AND
 JAMES S. FERNALD REVOCABLE TRUST &
 LINDA R. FERNALD REVOCABLE TRUST
 54 DEERFIELD ROAD
 NOTTINGHAM, N.H.
 TAX MAP 52, LOT 4-2

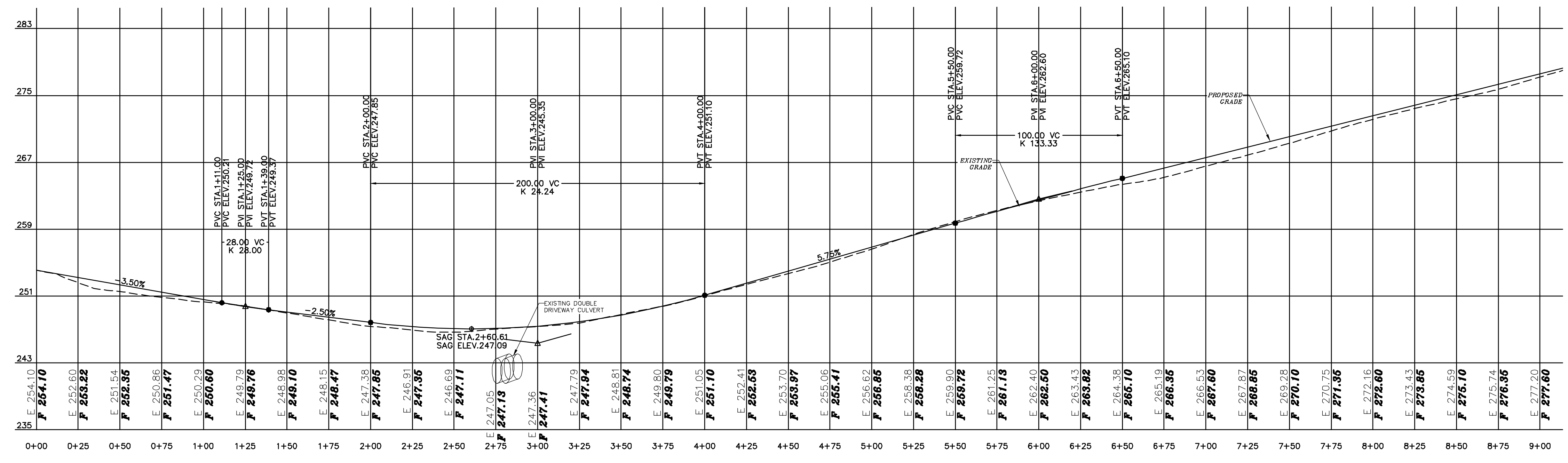
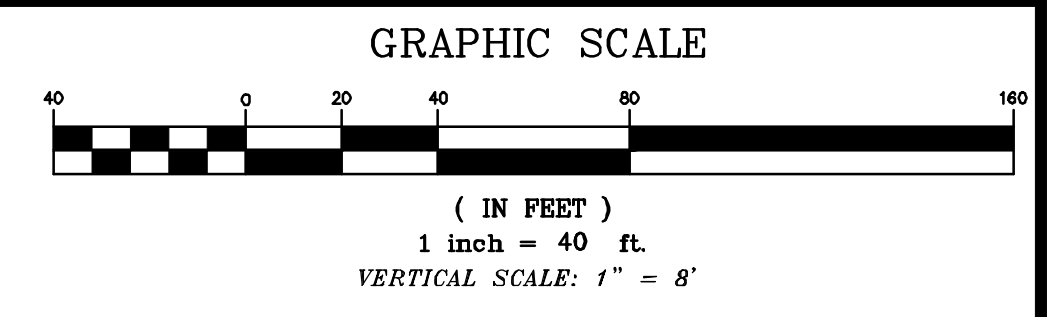
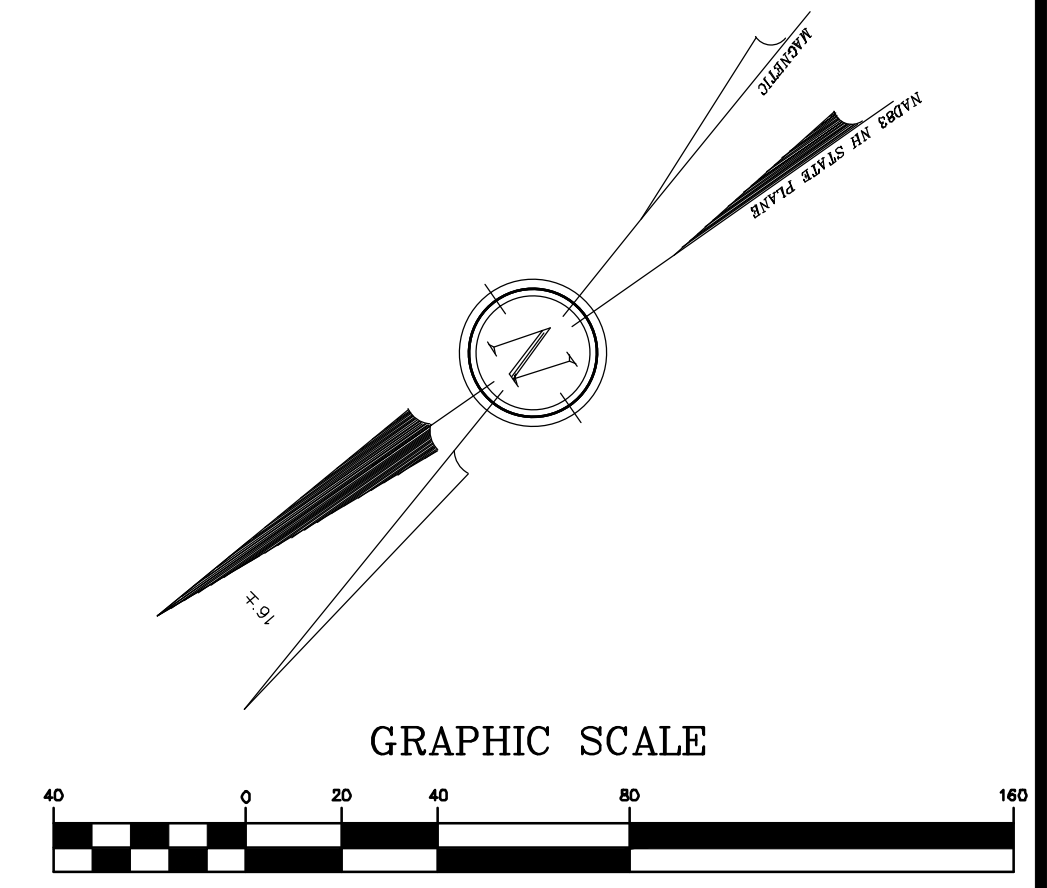
BERRY SURVEYING & ENGINEERING
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 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 100 FT.
 DATE : SEPTEMBER 19, 2022
 FILE NO. : DB 2022 - 015

KENNETH A. BERRY
 LICENSED PROFESSIONAL ENGINEER
 STATE OF NEW HAMPSHIRE



PLAN VIEW FERNALD DRIVE 0+00 TO 8+50
 PROFILE VIEW FERNALD DRIVE 0+00 TO 8+50

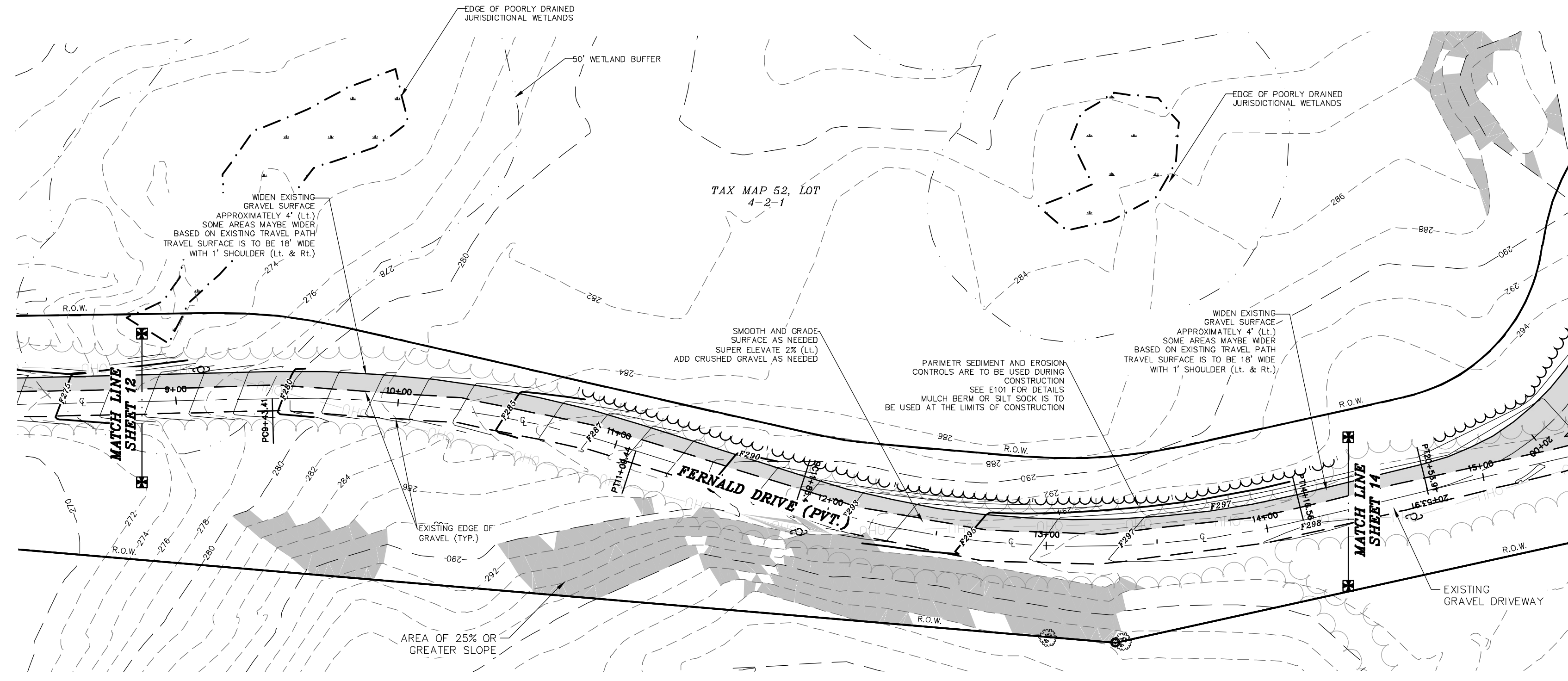
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LINDA R. FERNALD REVOCABLE TRUST
PO BOX 450
NOTTINGHAM, NH 03290
 - 2.) LOT OF RECORD: TAX MAP 52, LOT 4-2
 - 3.) LOT AREA: 5,151,288 Sq. Ft. ±, 118.26 Ac. ±
 - 4.) R.C.R.D. BOOK 5468, PAGE 469
 - 5.) THE INTENT OF THIS PLAN IS TO PROVIDE THE ENGINEERING DETAIL NEEDED FOR THE SMALL WIDENING ALONG A PROPOSED PRIVATE ROAD KNOWN AS FERNALD DRIVE.
 - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / FENCE / SILT SOCK).
 - 7.) BSA&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 8.) EXISTING CONTOURS ARE PROVIDED AT A 2' INTERVAL AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



REVISION	DATE	DESCRIPTION
#1	11-1-22	REVISED PER THE PB MEETING 10-12-22

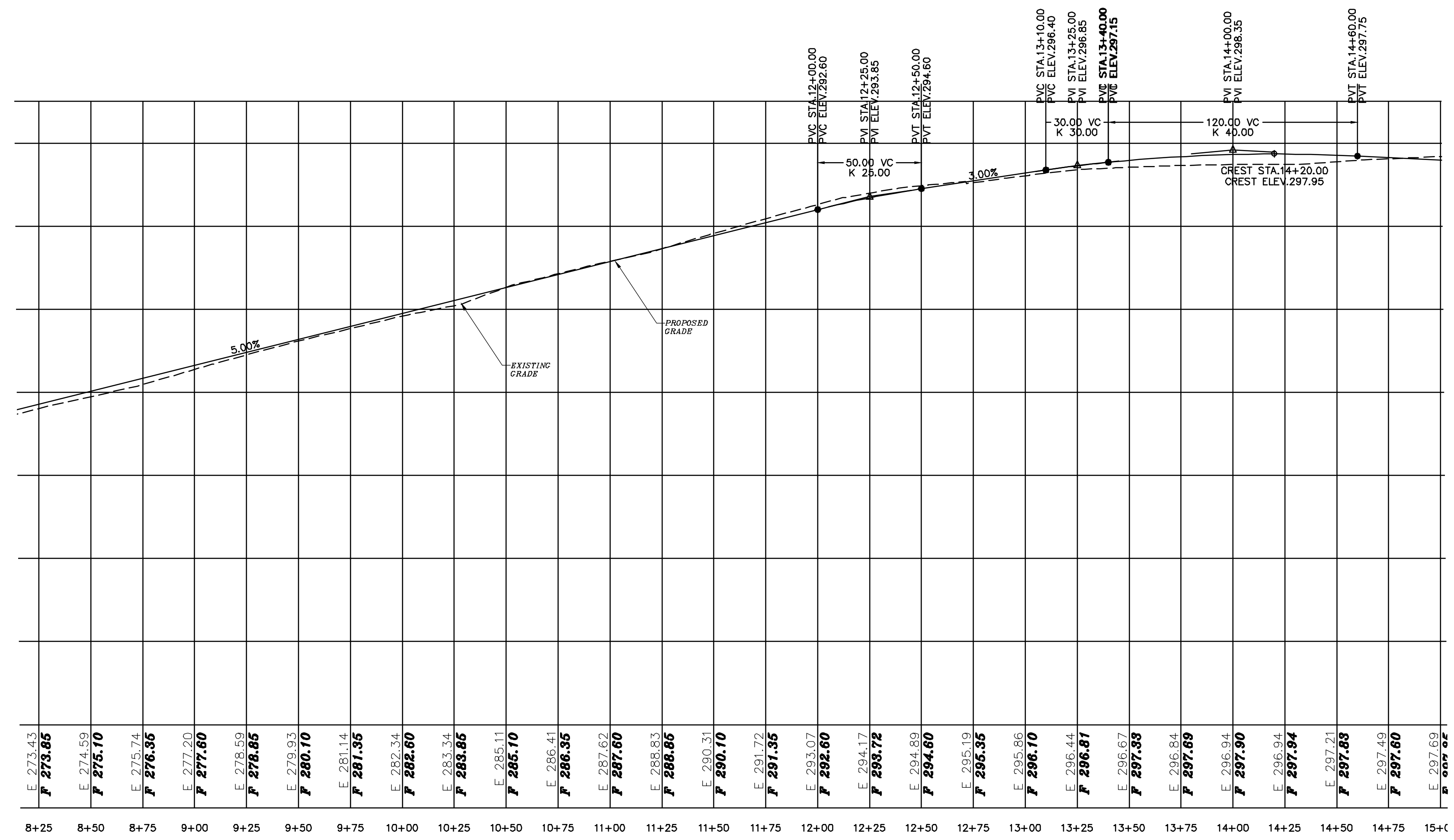
PLAN & PROFILE FERNALD DRIVE 0+00 TO 8+50
 LAND OF
 JAMES S. FERNALD REVOCABLE TRUST &
 LINDA R. FERNALD REVOCABLE TRUST
 54 DEERFIELD ROAD
 NOTTINGHAM, N.H.
 TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 40 FT.
 DATE : SEPTEMBER 19, 2022
 FILE NO. : DB 2022 - 015

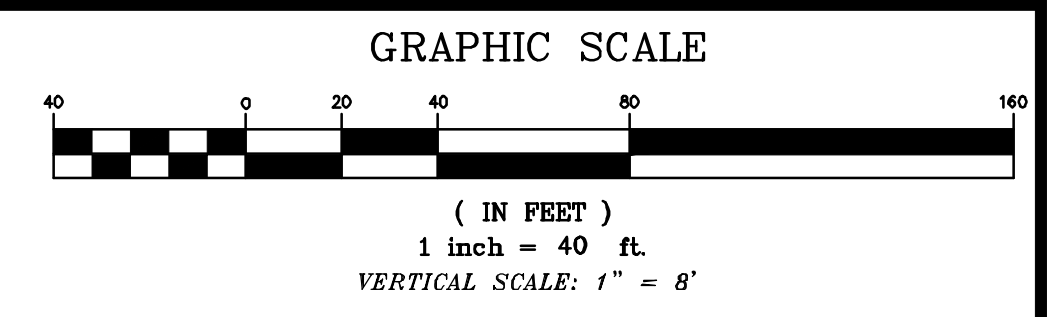
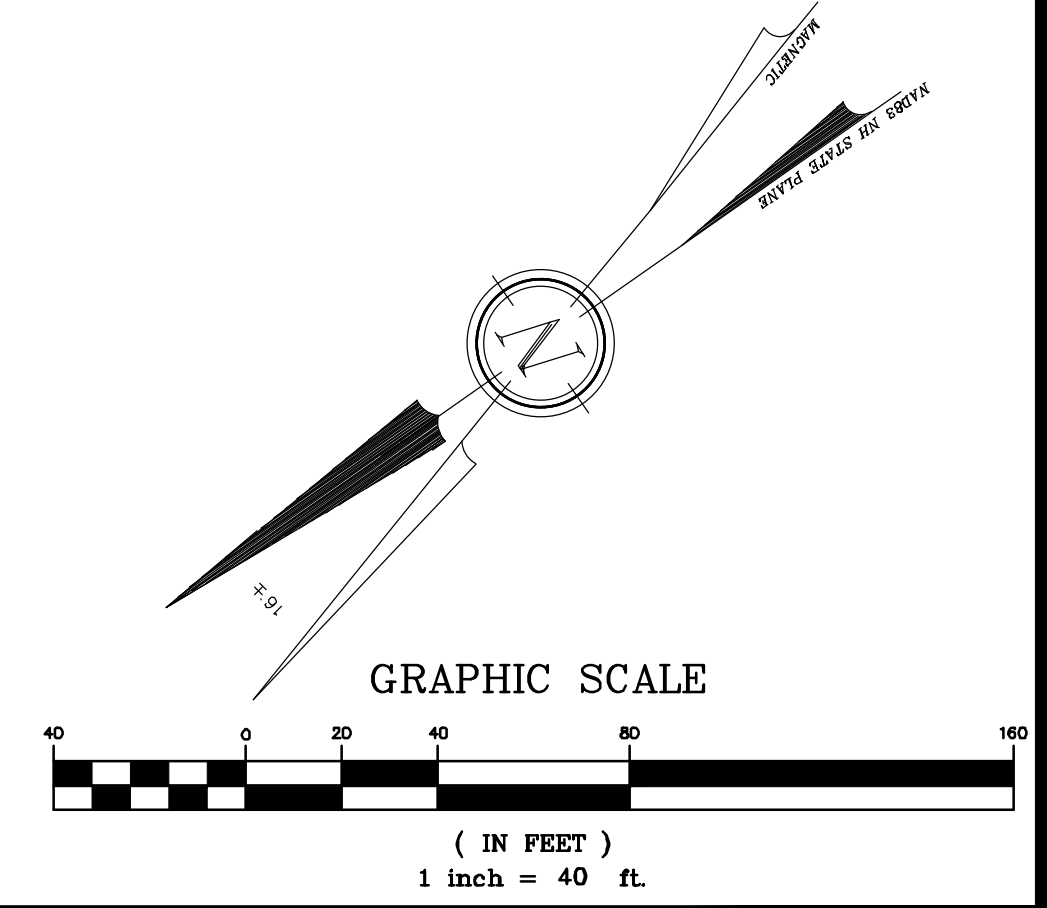


PLAN VIEW FERNALD DRIVE 8+50 TO 14+75

PROFILE VIEW FERNALD DRIVE 8+50 TO 14+75



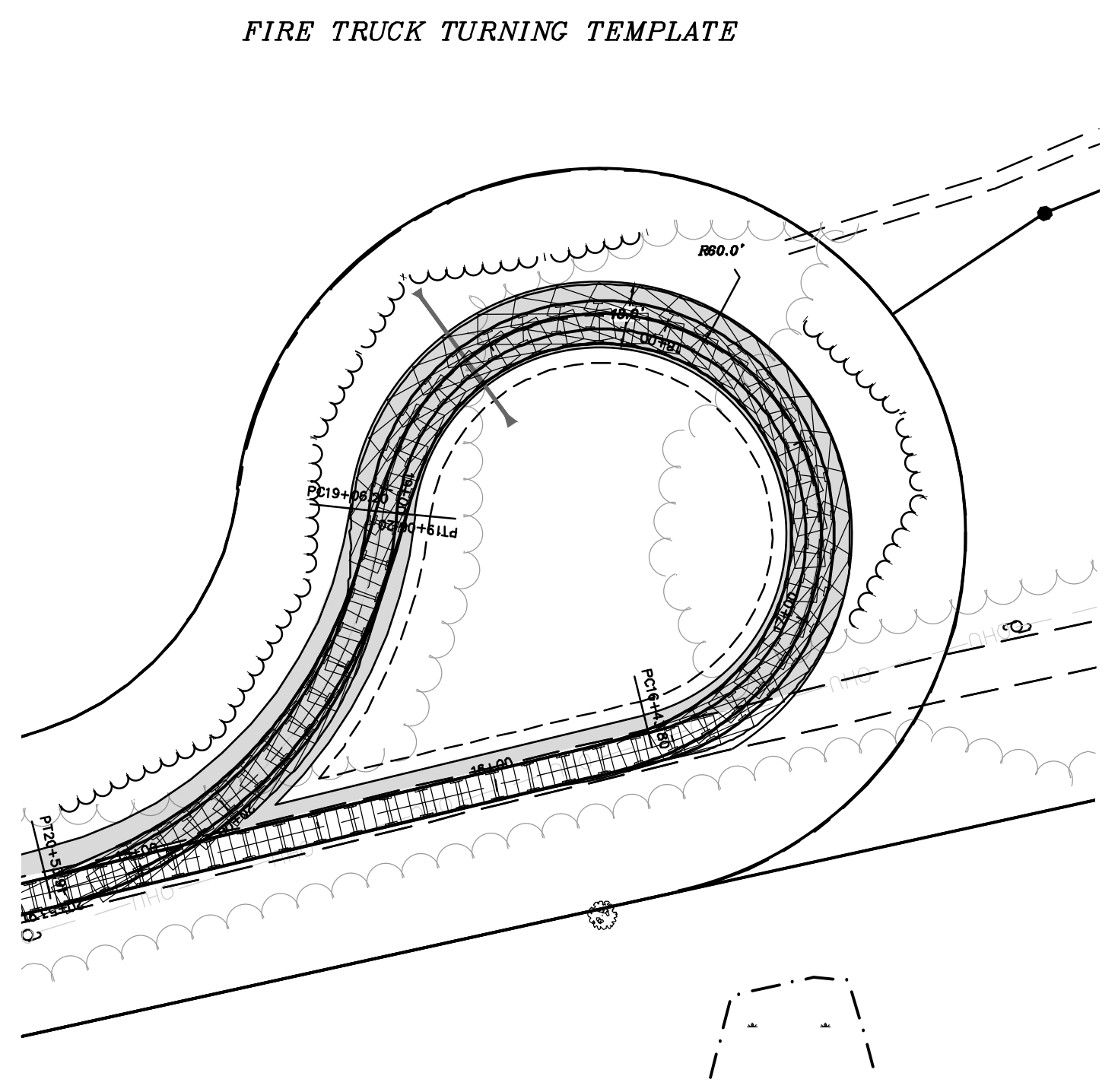
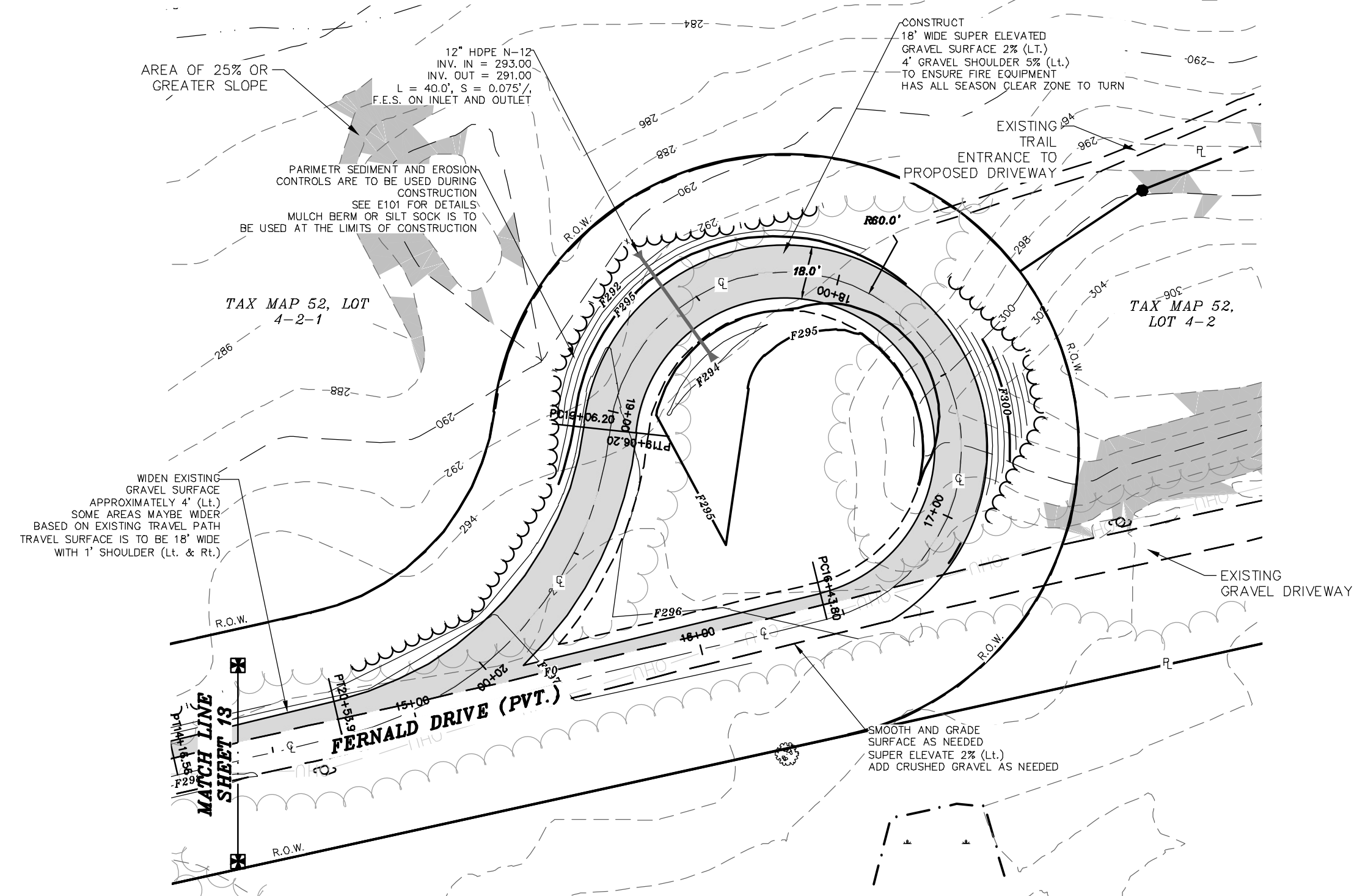
- NOTES:
- 1.) OWNER: JAMES S. FERNALD REVOCABLE TRUST
LINDA R. FERNALD REVOCABLE TRUST
PO BOX 450
NOTTINGHAM, NH 03290
 - 2.) LOT OF RECORD: TAX MAP 52, LOT 4-2
 - 3.) LOT AREA: 5,151,298 Sq. Ft. ±, 118.26 Ac. ±
 - 4.) R.C.R.D. BOOK 5468, PAGE 469
 - 5.) THE INTENT OF THIS PLAN IS TO PROVIDE THE ENGINEERING DETAIL NEEDED FOR THE SMALL WIDENING ALONG A PROPOSED PRIVATE ROAD KNOWN AS FERNALD DRIVE.
 - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / FENCE / SILT SOCK).
 - 7.) BSAE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 8.) EXISTING CONTOURS ARE PROVIDED AT A 2' INTERVAL AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



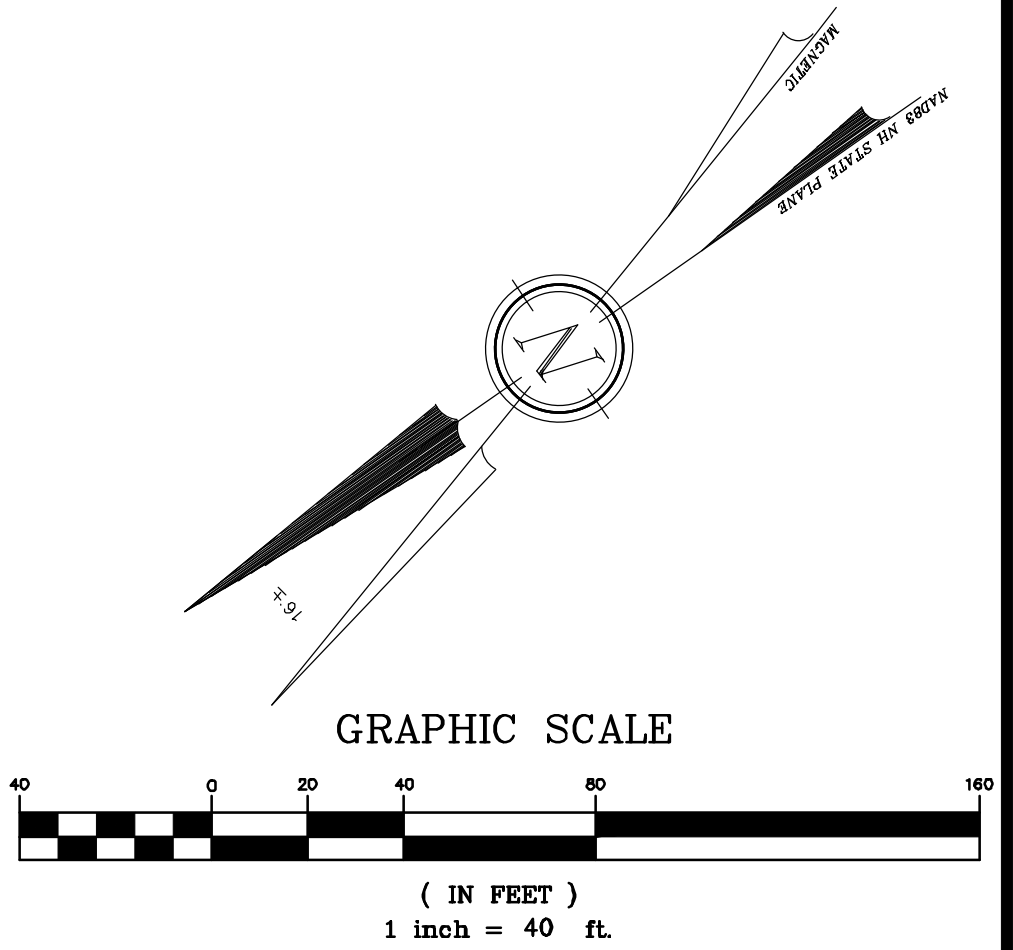
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PLAN & PROFILE FERNALD DRIVE 8+50 TO 14+75
LAND OF
JAMES S. FERNALD REVOCABLE TRUST &
LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

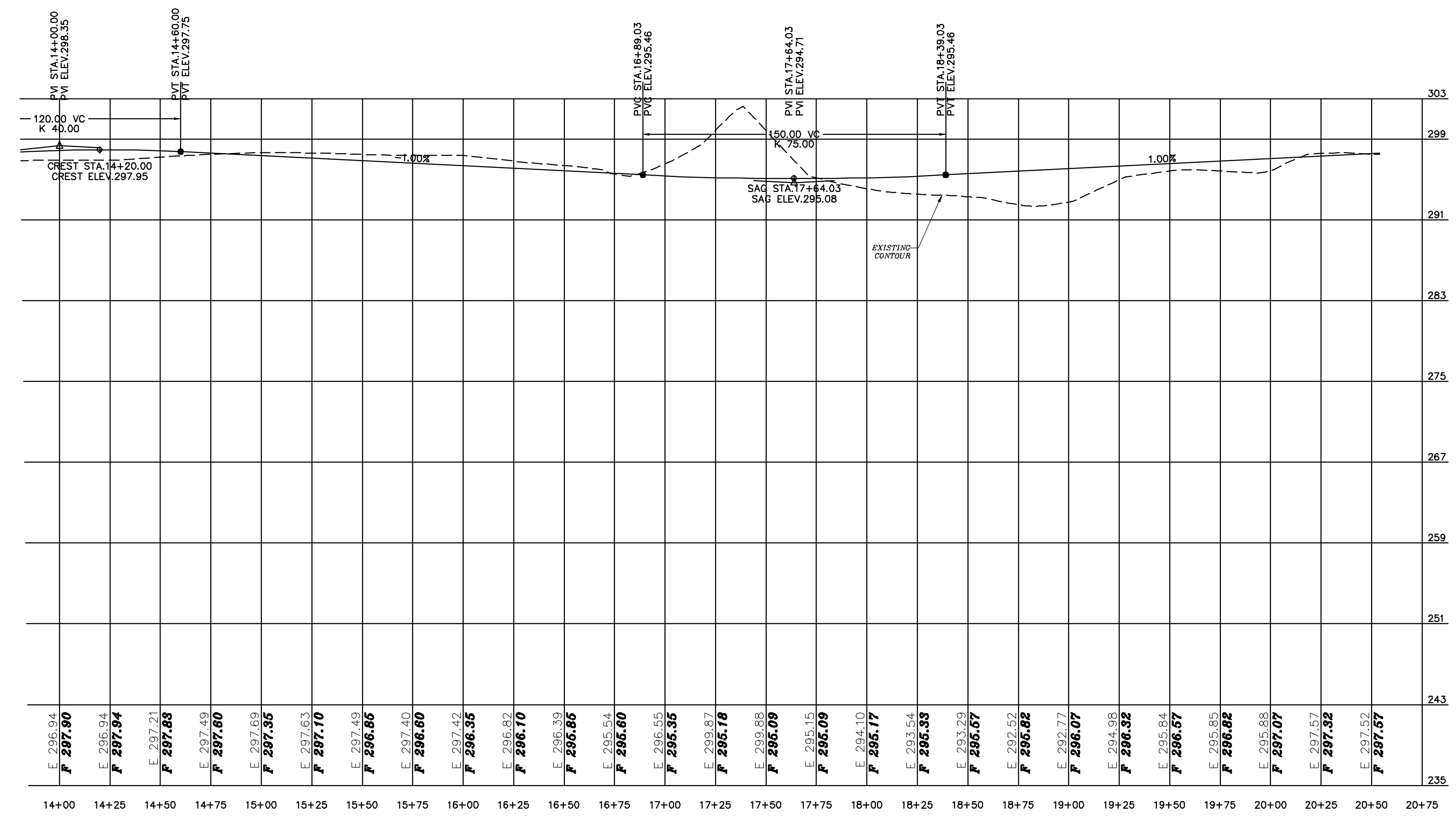
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 40 FT.
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- NOTES:**
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 - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOCK).
 - 7.) BSAE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 8.) EXISTING CONTOURS ARE PROVIDED AT A 2' INTERVAL AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



PLAN VIEW FERNALD DRIVE 14+75 TO END
PROFILE VIEW FERNALD DRIVE 14+75 TO END



Vehicle	Trailer	Path
Description		
Wheel Width	8.150	
Wheel Length	20.830	
Vehicle Width	8.330	
Front Overhang	12.330	
Rear Overhang	13.500	
Tire Diameter	2.500	
Rear Axle Count	1	
Rear Axle Offset	4.200	
Section Type	Fire Truck	
Section Symbol		Set

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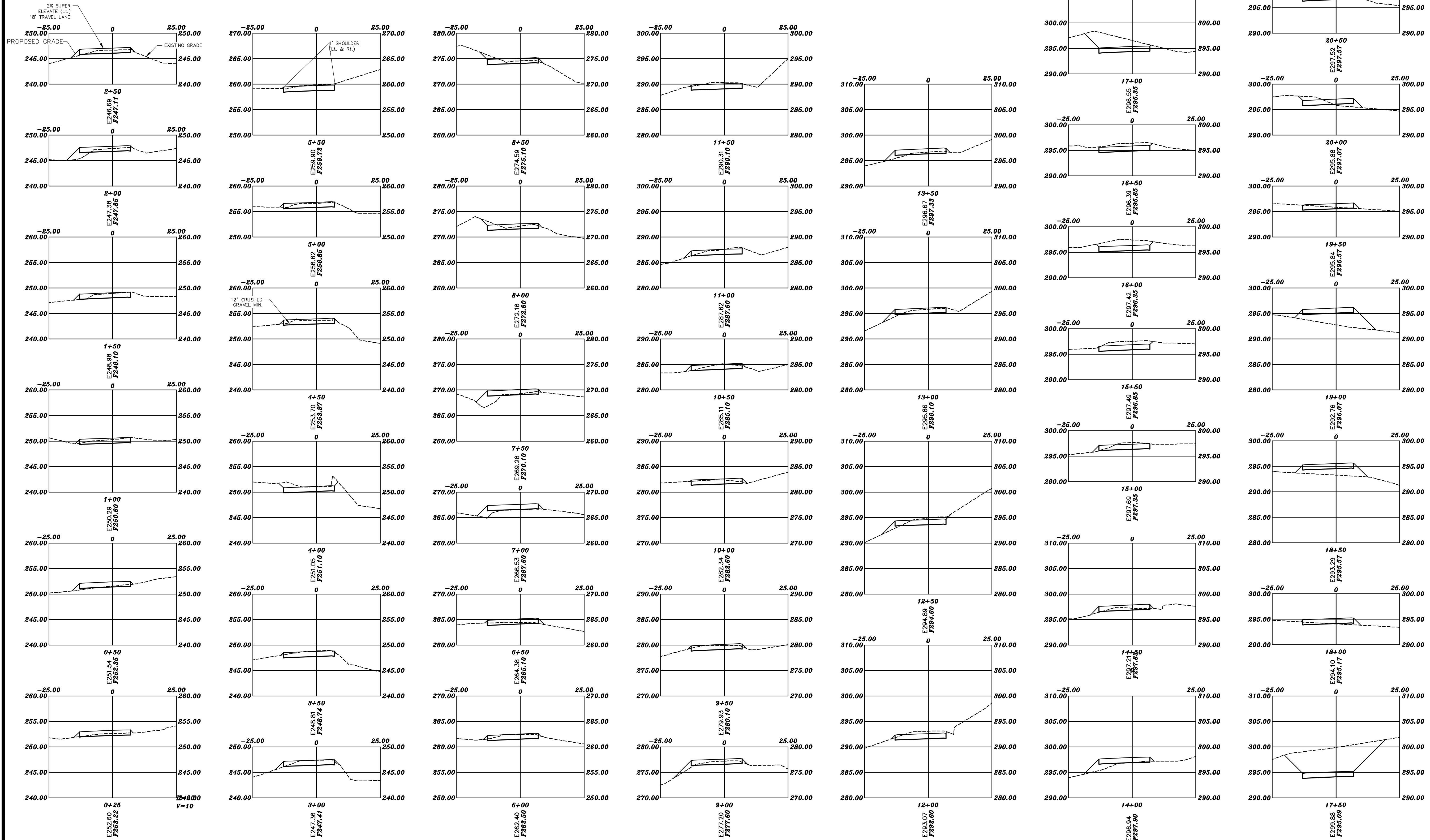
PLAN & PROFILE XXXX DRIVE 14+75 TO END
LAND OF
JAMES S. FERNALD REVOCABLE TRUST &
LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

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335 SECOND CROWN POINT ROAD
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CROSS SECTIONS FERNALD DRIVE
GRAPHIC SCALE



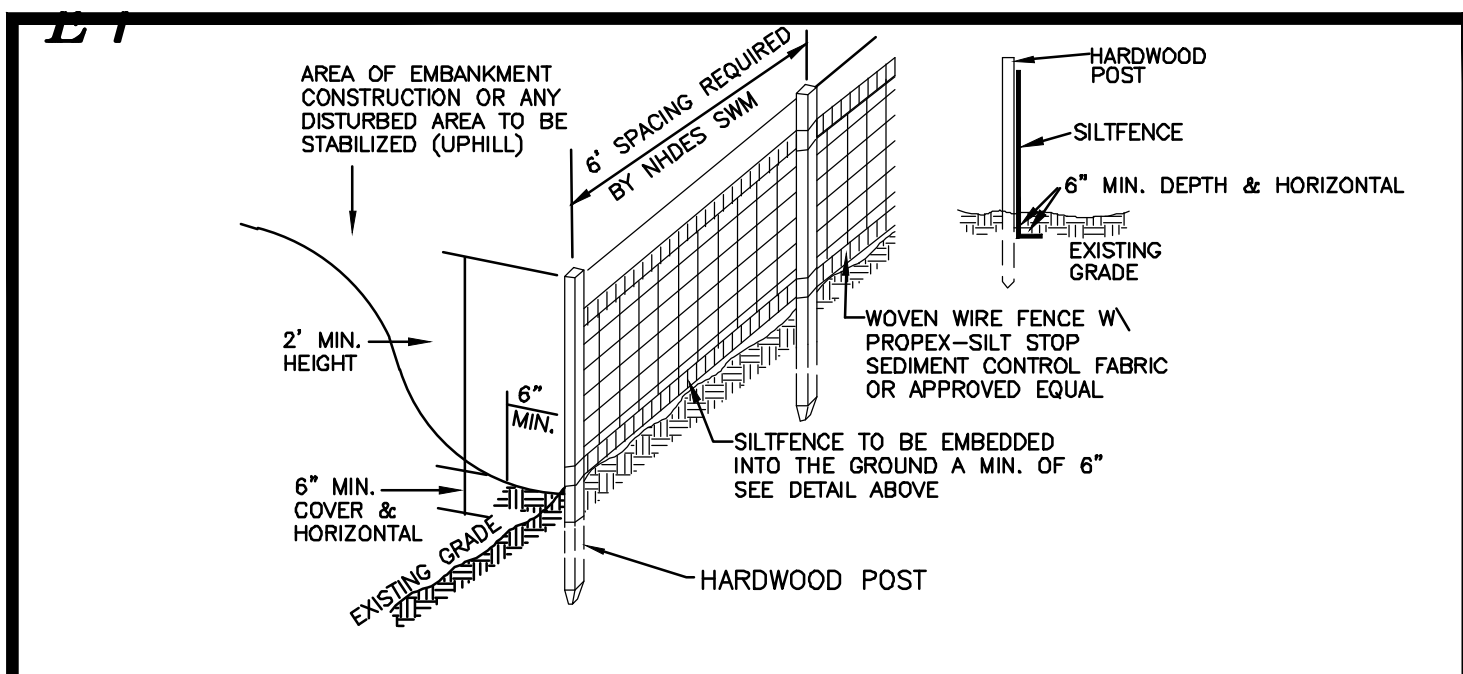
(IN FEET)
1 inch = 20 ft.
VERTICAL SCALE: 1" = 4'



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LAND OF
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LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
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- SILT FENCE CONSTRUCTION SPECIFICATIONS**
- 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 MAXIMUM 6' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF. SEE MAINTENANCE NOTE BELOW, REMOVAL OF SEDIMENT REQUIRED AT A DEPTH OF 6-INCHES.
 - PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
 - SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
 - THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.
 - TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, SILT FENCE, PAGE 90.

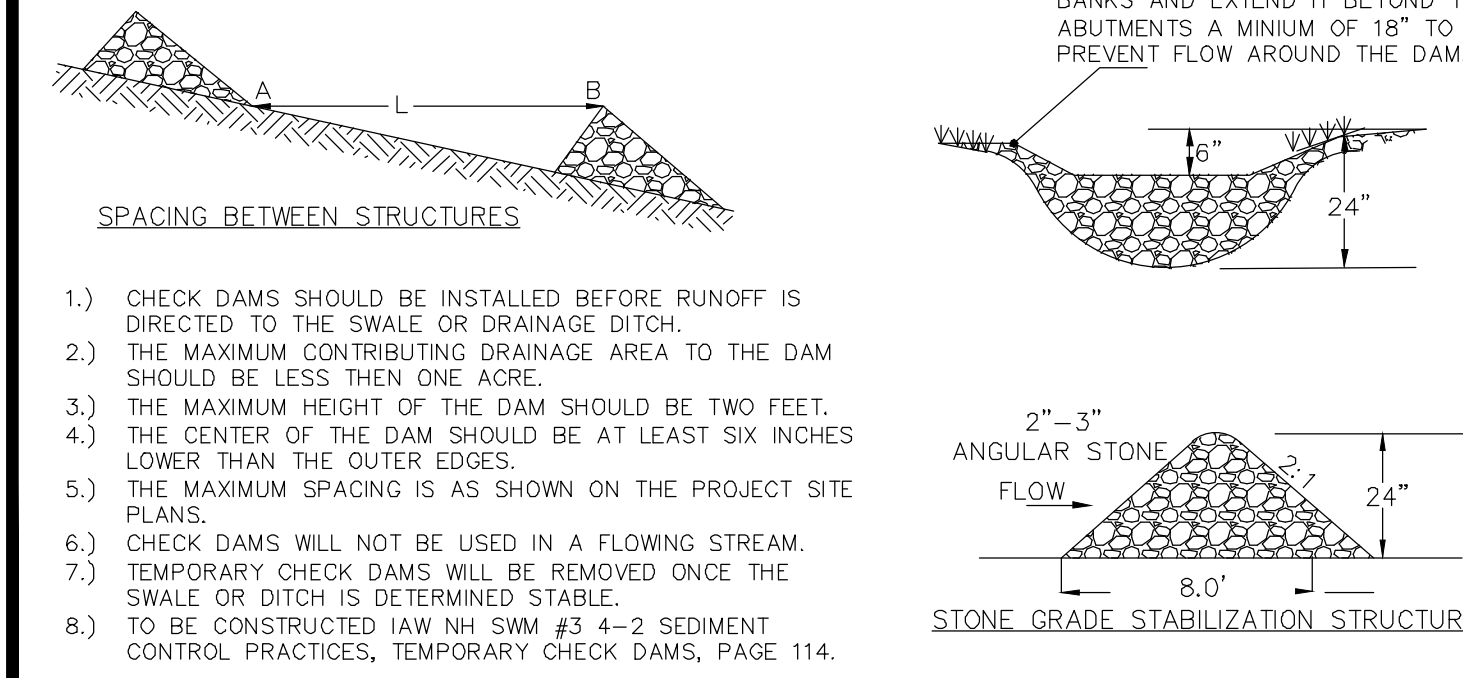
- SILT FENCE MAINTENANCE**
- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
 - IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
 - SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH SIX-INCHES IN DEPTH.
 - SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE DETAIL
NOT TO SCALE

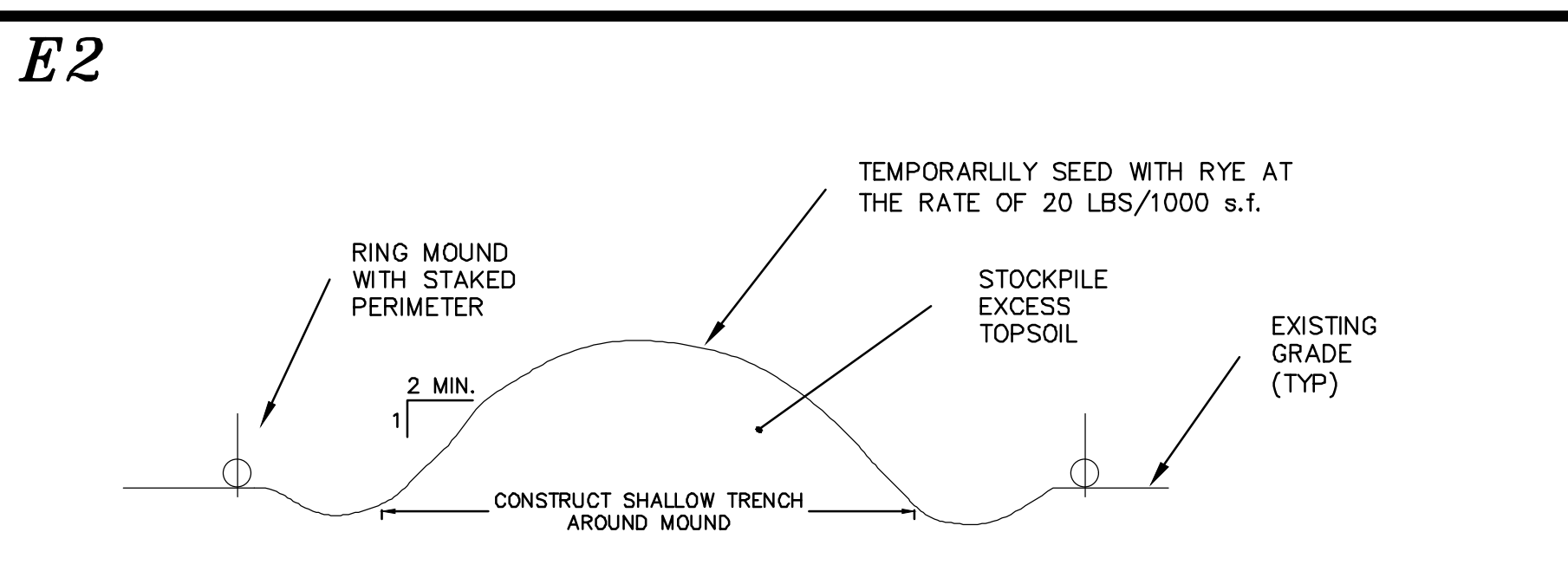
E5 CONSTRUCTION SEQUENCE:

- CUT AND REMOVE TREES IN CONSTRUCTION AREA ONLY AS REQUIRED, RELOCATE ANY PROJECT I.B.M.
- CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT EROSION AND DETENTION CONTROL FACILITIES AS SPECIFIED. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL LAND DISTURBANCE AND MUST BE REVIEWED AND APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
- EROSION, SEDIMENT AND DETENTION CONTROL FACILITY SHALL BE INSTALLED & STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM. TEMPORARY DIVERSIONS MAY BE REQUIRED. POST CONSTRUCTION STORM WATER MANAGEMENT PRACTICES MUST BE INITIATED AND STABILIZED EARLY IN THE PROCESS. RUNOFF MUST BE DIRECTED TO TEMPORARY PRACTICES UNTIL STORMWATER BMPs ARE STABILIZED.
- CLEAR, CUT AND DISPOSE OF DEBRIS IN APPROVED FACILITY
- CONSTRUCT TEMPORARY CULVERTS AS REQUIRED, OR DIRECTED
- CONSTRUCT ROADWAYS FOR ACCESS TO DESIRED CONSTRUCTION AREAS. ALL ROADS SHALL BE STABILIZED IMMEDIATELY. SEE BEST MANAGEMENT PRACTICES FOR BLASTING ON SHEET C-102.
- START BUILDING CONSTRUCTION
- INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. INSTALL LAWN GARDENS. ALL DISTURBED AREAS SHALL STABILIZED IMMEDIATELY AFTER GRADING.
- 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 45 DAYS BEFORE BEING STABILIZED, DAILY, OR AS REQUIRED. ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES. ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES. LIMIT THE LENGTH OF EXPOSURE OF UNSTABILIZED SOIL TO 45 DAYS OR LESS.
- CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. ALL SWPPP INSPECTIONS MUST BE CONDUCTED BY A QUALIFIED PROFESSIONAL, SUCH AS A PROFESSIONAL ENGINEER (PE), A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORM WATER INSPECTOR (CESSWI), OR A CERTIFIED PROFESSIONAL IN STORM WATER QUALITY (CPSWQ). INSPECTION REPORTS SHALL BE SUBMITTED TO THE COMMUNITY SERVICES DEPARTMENT. EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSPECTED WEEKLY AND AFTER 0.5" OF RAINFALL.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE.
- SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
- LOT DISTURBANCE, OTHER THAN THAT SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.

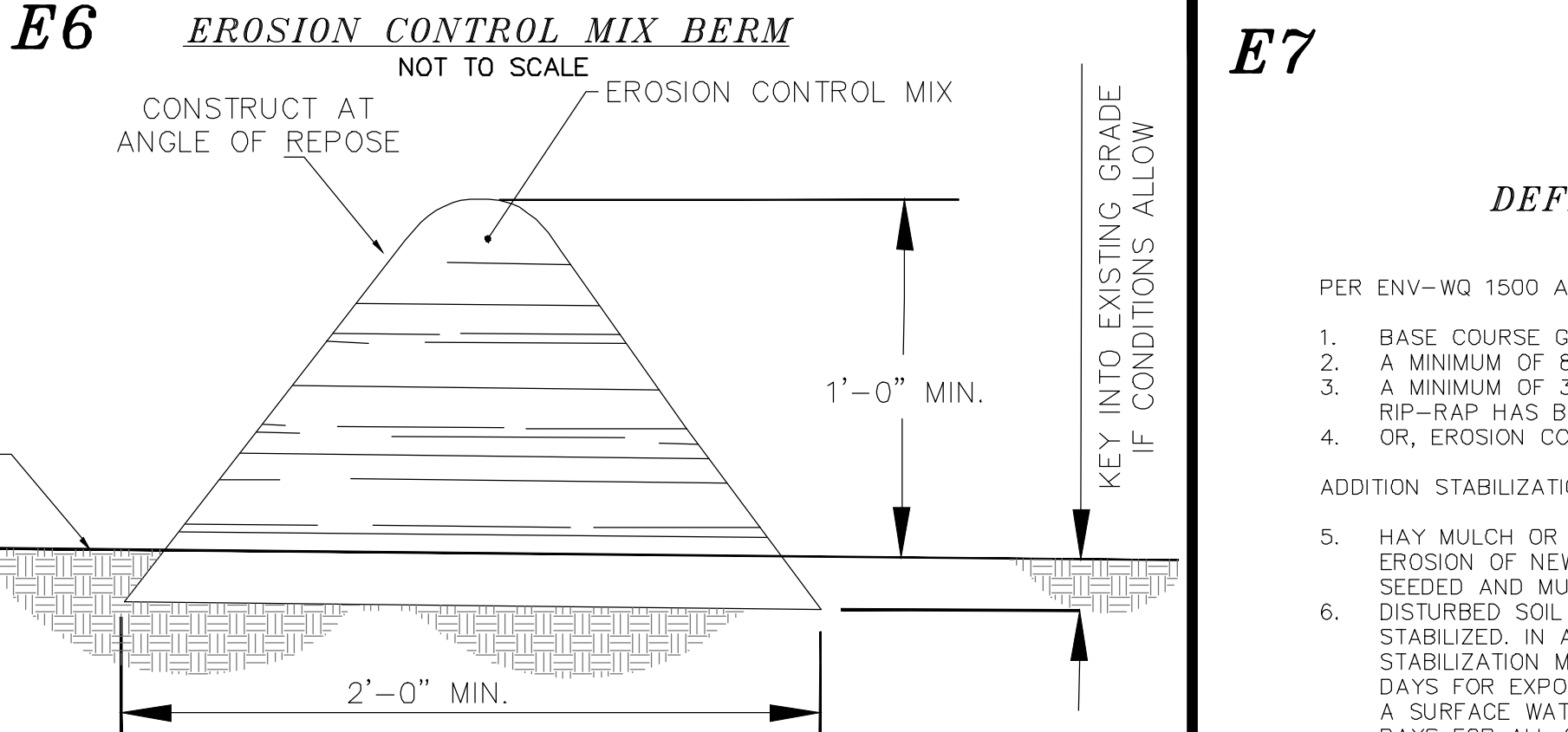
E9 STONE CHECK DAM
NOT TO SCALE



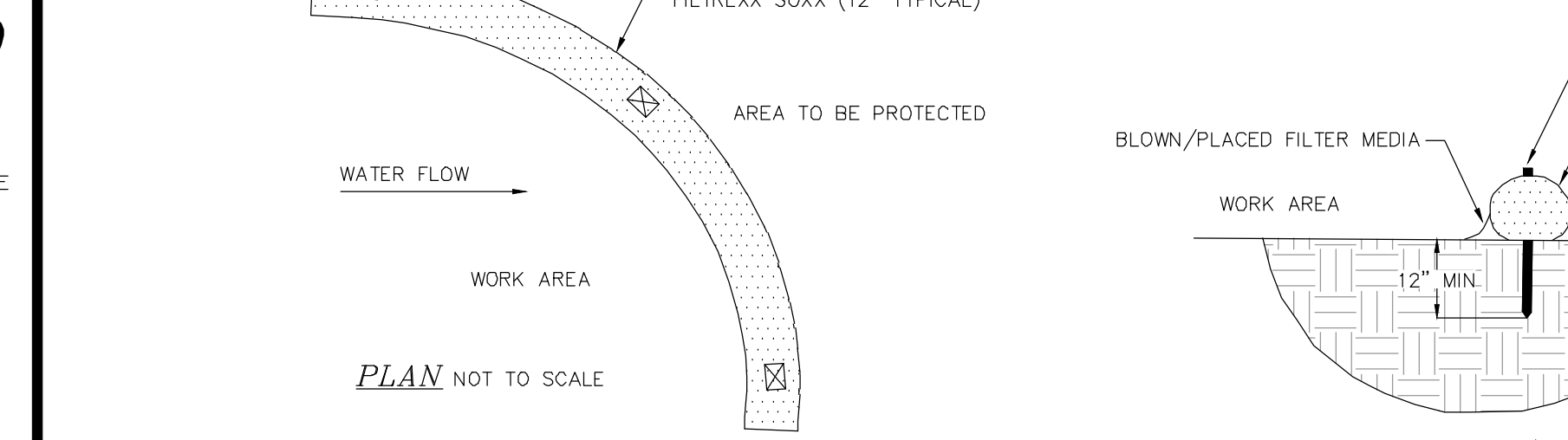
- CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
- THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE DAM SHOULD BE LESS THAN ONE ACRE.
- THE CENTER OF THE DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTER EDGES.
- THE MAXIMUM SPACING IS AS SHOWN ON THE PROJECT SITE PLANS.
- CHECK DAMS WILL NOT BE USED IN A FLOWING STREAM.
- TEMPORARY CHECK DAMS WILL BE REMOVED ONCE THE SWALE OR DITCH IS DETERMINED STABLE.
- TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CHECK DAMS, PAGE 114.



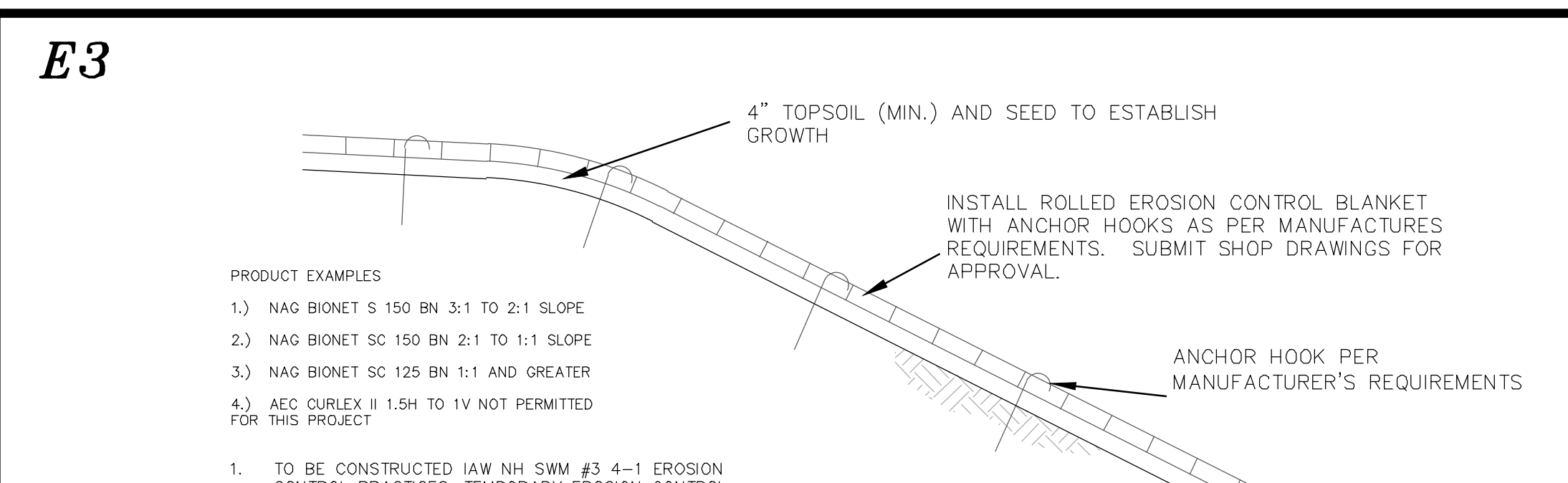
TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, SOIL STOCKPILE PRACTICES, PAGE 46.
TOPSOIL STOCKPILE MOUND
NOT TO SCALE



- EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:**
- BERMS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
 - THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
 - THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
 - SUBJECT TO (E), BELOW, THE MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 80 AND 100% DRY WEIGHT BASIS, AND BE FIBROUS AND ELONGATED SUCH AS FRESHLY SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS, WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
 - THE MIX SHALL NOT CONTAIN SILTS, CLAY, OR FINE SANDS.
 - THE MIX SHALL HAVE A PARTICLE SIZE BY WEIGHT OF 70 TO 85% PASSING A 6-INCH SCREEN AND A MAXIMUM OF 85% PASSING THE 0.75-INCH SCREEN.
 - THE MIX PH SHALL BE BETWEEN 5.0 AND 8.0.
 - THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.
 - TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, EROSION CONTROL MIX BERMS, PAGE 106.



- FILTREXX SEDIMENT CONTROL**
NOT TO SCALE
- Filtrexx International, LLC
35481 Grafton Eastern Rd | Grafton, Oh 44044
440-926-2607 | fax: 440-926-4021
WWW.FILTREXX.COM
OR APPROVED EQUAL
- NOTES**
- ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
 - FILTREXX MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
 - COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
 - SILT SOXX MAY BE USED IN PLACE OF SILT FENCE OR OTHER SEDIMENT BARRIERS.
 - SILT SOXX COMPOST/SOIL/ROCK/SEED FILL MATERIAL SHALL BE ADJUSTED AS NECESSARY TO MEET THE REQUIREMENTS OF THE SPECIFIC APPLICATION.
 - FILTREXX SOXX IS A REGISTERED TRADEMARK OF FILTREXX INTERNATIONAL, LLC.
 - SILT FENCE IS NOT A SUBSTITUTION FOR SILT SOXX AND ANY EQUAL SUBSTITUTION TO BE APPROVED.
 - TO BE CONSTRUCTED IAW FILTREXX, SECTION 1: EROSION & SEDIMENT CONTROL (PAGE 323) - CONSTRUCTION ACTIVITIES, SWPPP CUT SHEET, FILTREXX SEDIMENT CONTROL.



- ROLLED EROSION CONTROL BLANKET (RECB) SLOPE STABILIZATION DETAIL**
NOT TO SCALE
- PRODUCT EXAMPLES**
- NAG BIONET S 150 BN 3:1 TO 2:1 SLOPE
 - NAG BIONET SC 150 BN 2:1 TO 1:1 SLOPE
 - NAG BIONET SC 125 BN 1:1 AND GREATER
 - AEC CURLEX II 1.5H TO 1V NOT PERMITTED FOR THIS PROJECT
- TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, TEMPORARY EROSION CONTROL BLANKET, PAGE 68.
 - ANCHOR PATTERN AND INSTALLATION INSTRUCTIONS FROM NORTH AMERICAN GREEN (NAG) AND AMERICAN EROSION COMPANY (AEC) WILL BE FOLLOWED FOR EACH APPLICATION AND SLOPE CONDITIONS WILL APPLY.
 - 3:1 SIDE SLOPES WITHIN THE WETLAND BUFFER ARE TO BE LINED WITH NAG BIONET S 150 BN. ALL OTHER 3:1 SIDE SLOPES OUTSIDE OF THE WETLAND BUFFER MAY BE STABILIZED WITH VEGETATION. HOWEVER THE DESIGN ENGINEER RESERVES THE RIGHT TO REQUEST ADDITIONAL MATTING BE INSTALLED IF NEEDED.

E7 DEFINITION OF STABLE:

- PER ENV-WQ 1500 ALTERATION OF TERRAIN
- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
 - OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- ADDITION STABILIZATION NOTES:**
- HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEED AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
 - DISTURBED SOIL AREAS SHALL BE EITHER TEMPORARILY OR PERMANENTLY STABILIZED. IN AREAS WHERE FINAL GRADING HAS NOT OCCURRED, TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN (7) CALENDAR DAYS FOR EXPOSED SOIL AREAS THAT ARE WITHIN ONE HUNDRED (100) FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE (3) CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOIL AREAS.
- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
 - EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
 - ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDING WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS THIS SHEET)
 - ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 45 DAYS. AT ANY ONE TIME, NO MORE THAN 5 ACRES, (217,800 Sq. Ft.) WILL BE DISTURBED.
 - SILT FENCES AND PERIMETER 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.
 - AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
 - PER THE EPA CGP REQUIREMENTS THERE WILL BE REPORTS OF THE EROSION CONTROL INSPECTIONS IAW SWPPP PREPARED BY BS&E. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.25" OR GREATER RAIN EVENT.
 - DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
 - DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
 - STABILIZATION MEANS:
 - A MINIMUM OF 85% OF VEGETATIVE COVER HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED, OR
 - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
 - THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.
 - THE NHDES STORMWATER MANUAL, IN THREE VOLUMES, DATED DECEMBER 2008, IS A PART OF THIS PLAN SET AND THE MORE RESTRICTIVE WILL GOVERN. (NH SWM)

E11 WINTER STABILIZATION NOTES

- 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 CURLEX 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 OCTOBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED. PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
- ALL SWALES THAT DO NOT HAVE FULLY ESTABLISHED VEGETATION SHALL BE EITHER LINED WITH TEMPORARY JUTE MATTING OR PERMANENT 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.
- PRIOR TO OCT. 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 OCTOBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
- 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 SEED 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.

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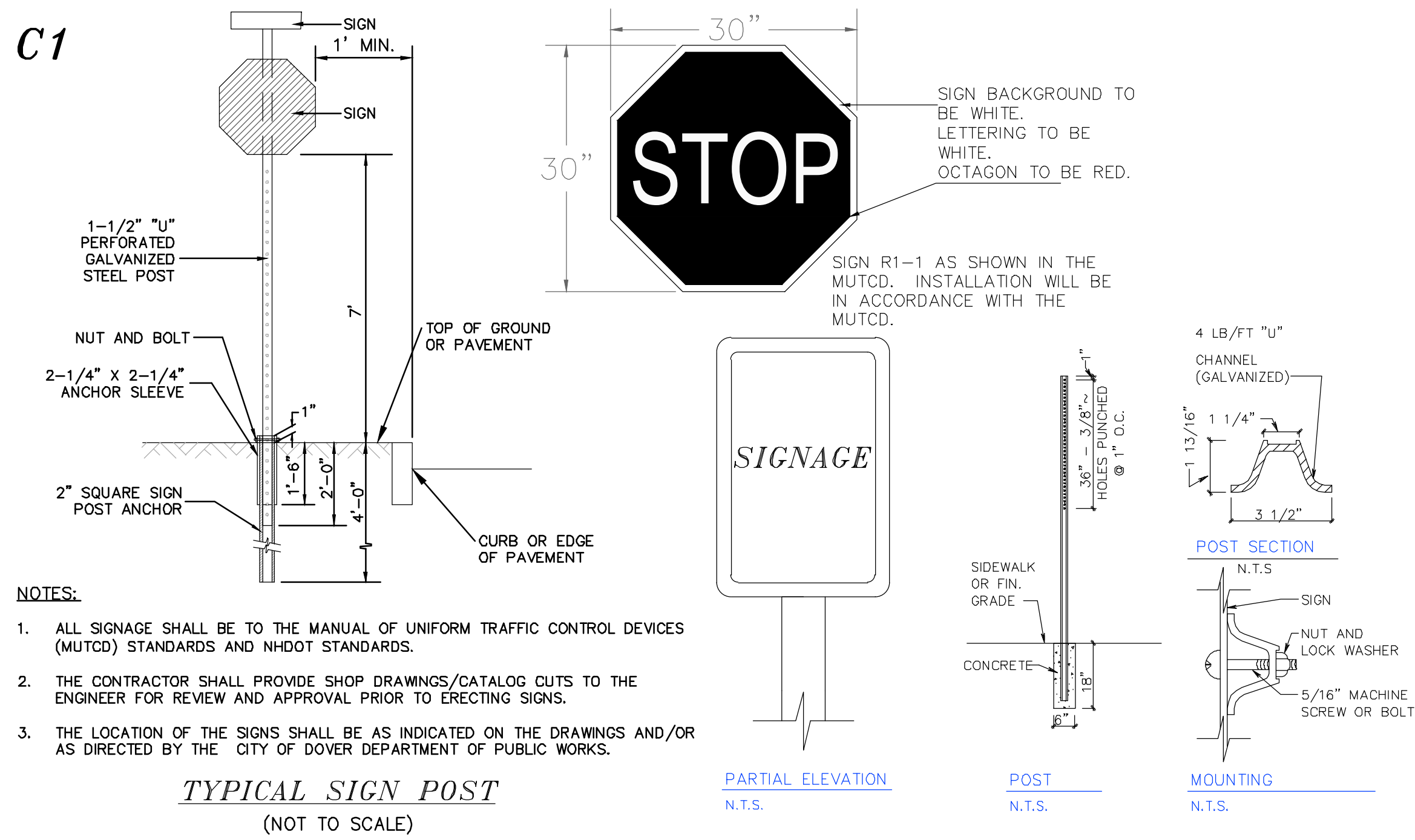
EROSION & SEDIMENT CONTROL DETAILS
LAND OF
JAMES S. FERNALD REVOCABLE TRUST &
LINDA R. FERNALD REVOCABLE TRUST
54 DEERFIELD ROAD
NOTTINGHAM, N.H.
TAX MAP 52, LOT 4-2

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863

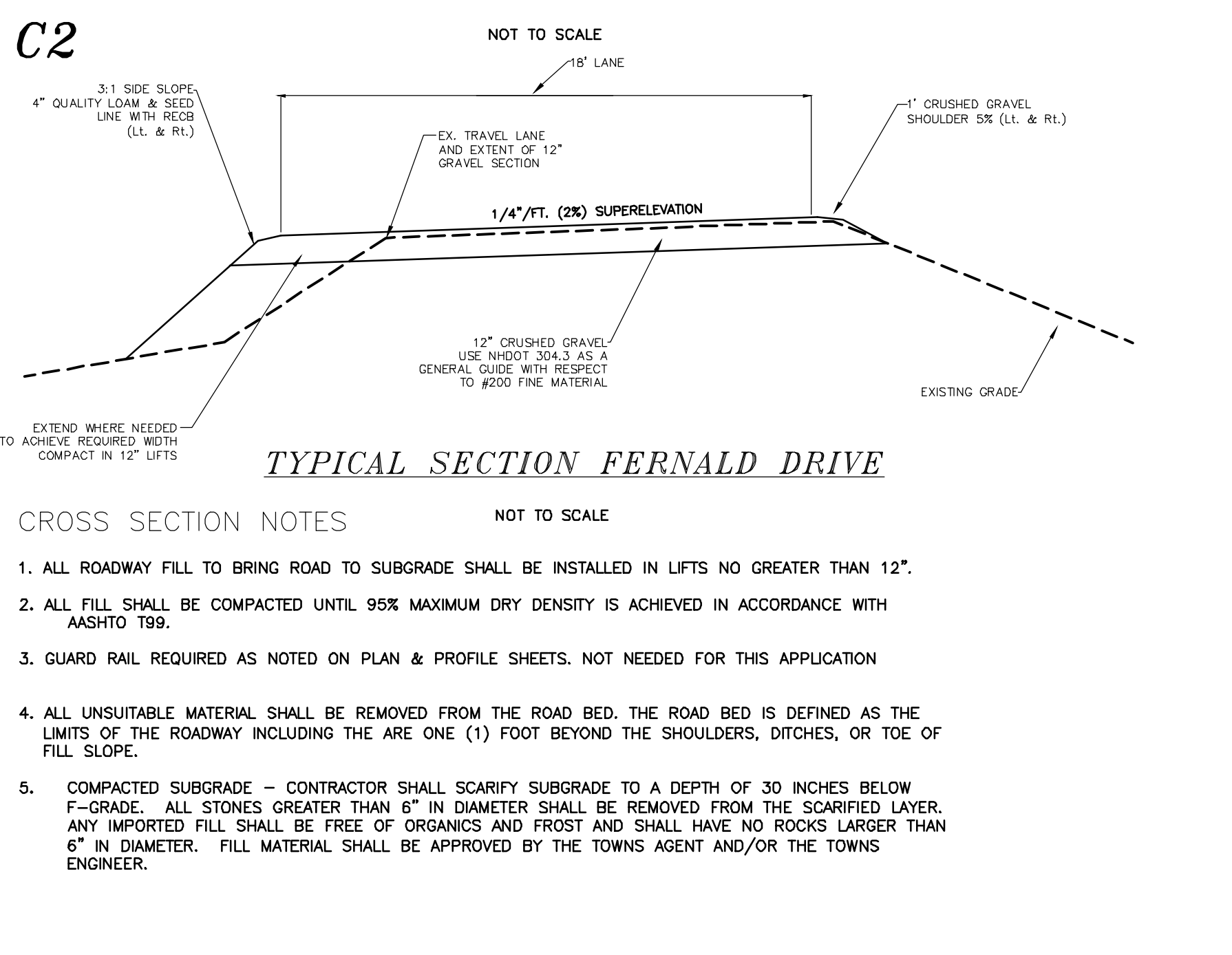
AS NOTED
DATE : SEPTEMBER 19, 2022
FILE NO. : DB 2022 - 015

KENNETH A. BERRY
Professional Engineer
LICENSED

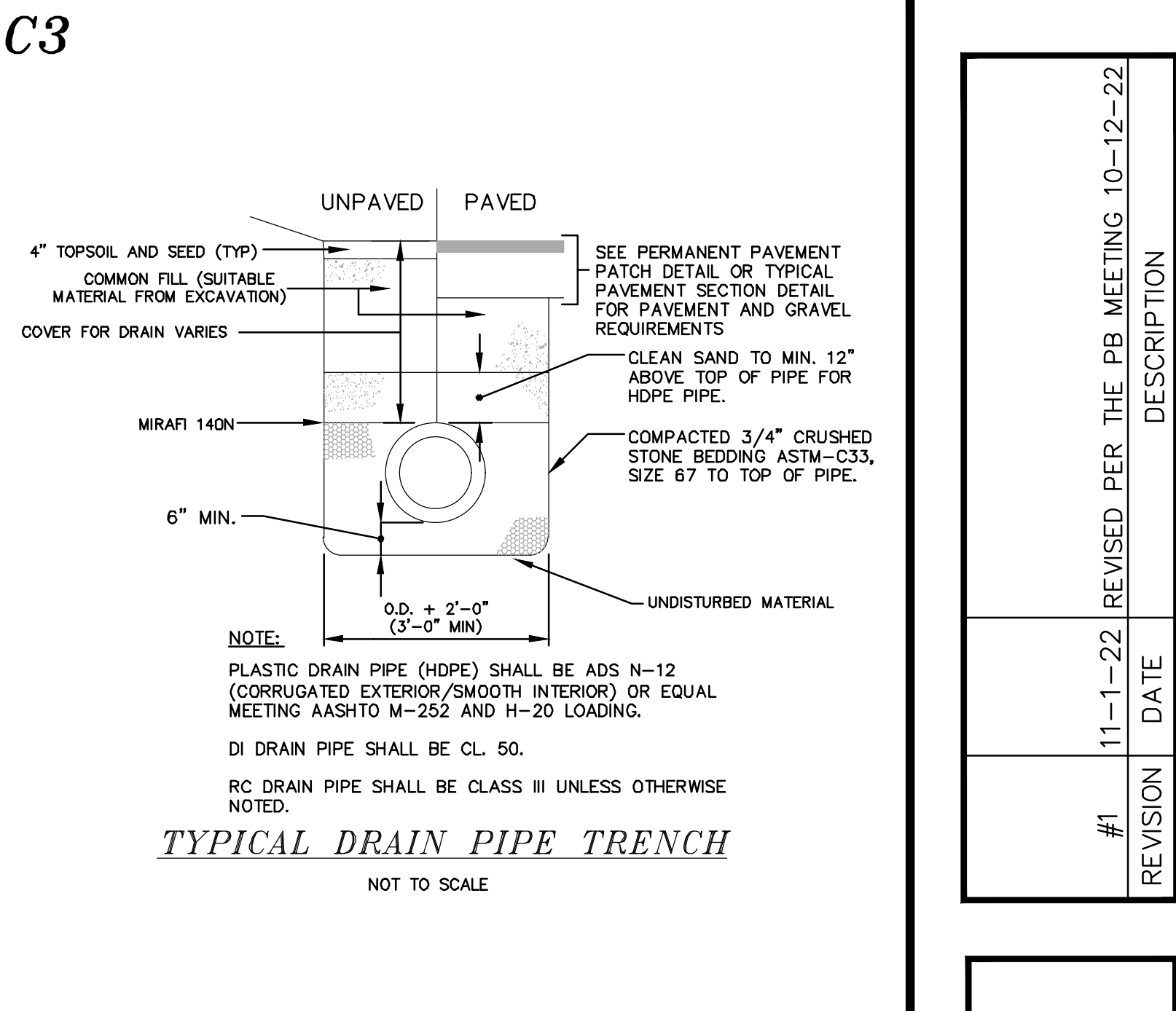
C1



C2



C3



C4

NOTE: THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

NOTE: Temporary seed mix for stabilization of turf shall be winter rye or oats at a rate of 2.5 lbs. per 1000 s.f. and shall be placed prior to OCT. 15, if permanent seeding not yet complete.

SEEDING GUIDE

USE	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER	C	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES	B	GOOD	GOOD	GOOD	FAIR
PLAY AREAS AND ATHLETIC FIELDS (TOPSOIL IS ESSENTIAL FOR GOOD TURF)	F	FAIR	EXCELLENT	EXCELLENT	ZZ

SEEDING RATES

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
A. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREeping RED FESCUE	10	0.25
CROWN VETCH OR BIRD'S FOOT TREFOIL	15	0.35
FLAT PEA TOTAL	40	0.95
C. TALL FESCUE	24	0.55
CREeping RED FESCUE	24	0.55
BIRD'S FOOT TREFOIL	32	0.70
TOTAL	80	1.80
D. TALL FESCUE	20	0.45
FLAT PEA	20	0.45
TOTAL	40	0.90
E. CREeping RED FESCUE 1/2	50	1.15
KENTUCKY BLUEGRASS 1/2	100	2.30
TOTAL	150	3.45
F. TALL FESCUE 1	150	3.80

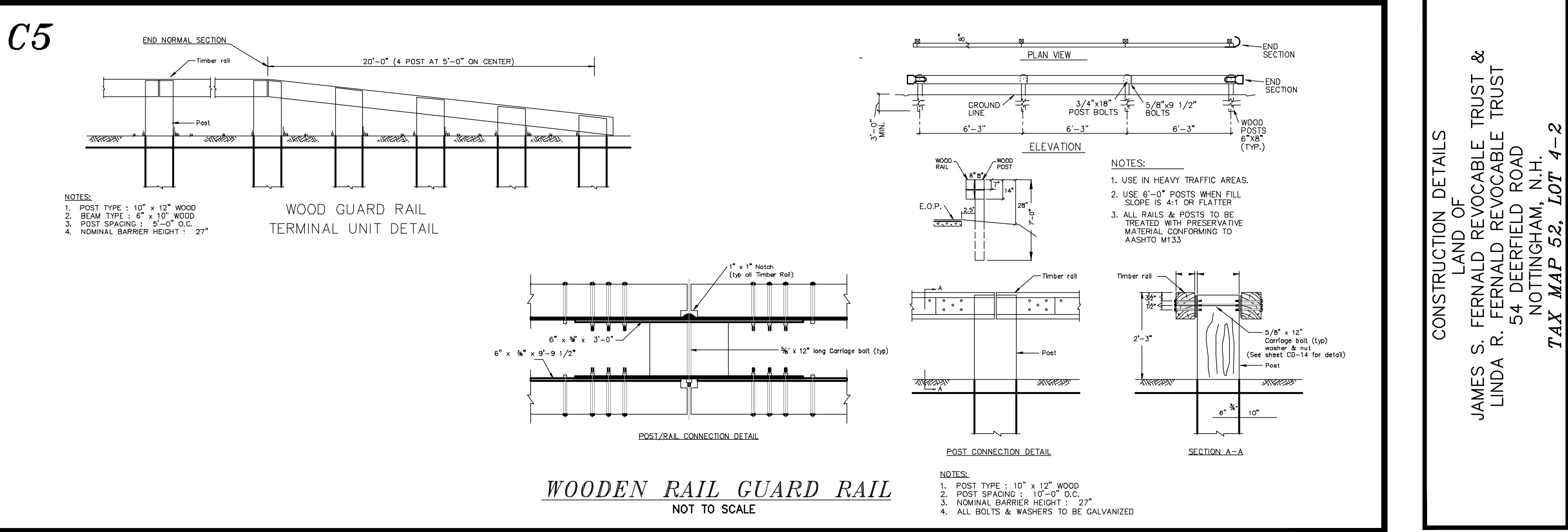
CONSERVATION MIX

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 S.F.
TALL FESCUE (35%)	15	0.35
CREeping RED FESCUE (25%)	15	0.35
ANNUAL RYEGRASS (12%)	5	0.12
PERENNIAL RYEGRASS (10%)	5	0.12
KENTUCKY BLUEGRASS (10%)	15	0.35
WHITE CLOVER (3%)	7	0.16

SEEDING SPECIFICATIONS

- GRADING AND SHAPING
A. SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED.
WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
- SEEDBED 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 SEED BED 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.
- ESTABLISHING A STAND
A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL KINDS AND AMOUNTS 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.)
B. 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 RAKING.
C. REFER TO TABLE(G-E1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE(H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWN VETCH, BIRD'S FOOT TREFOIL, AND FLAT PEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
D. 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.
- 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.
C. 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 STAKE 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.
D. TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, PERMANENT VEGETATION, PAGE 60.

C5



C6

ADS N-12 FLARED END SECTIONS
(NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL))

PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	15"	6.5"	10"	6.5"	25"	29"
	375 mm	165 mm	254 mm	165 mm	635 mm	735 mm
1810-NP	18"	7.5"	15"	6.5"	32"	35"
	450 mm	190 mm	380 mm	165 mm	812 mm	890 mm
2410-NP	24"	7.5"	18"	6.5"	36"	45"
	600 mm	190 mm	450 mm	165 mm	900 mm	1140 mm
3010-NP	30"	10.5"	N/A	7.0"	53"	68"
	750 mm	266 mm	N/A	178 mm	1345 mm	1725 mm
3610-NP	36"	10.5"	N/A	7.0"	53"	68"
	900 mm	266 mm	N/A	178 mm	1345 mm	1725 mm

NOTE: PE THREADED ROD W/ WING NUTS PROVIDED FOR END SECTIONS 15"-24". 30" & 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.

RIGHT SIDE VIEW
FRONT VIEW

ALL FLARED END SECTIONS WILL BE ANCHORED TO PREVENT FLOATING

REVISION	DATE	DESCRIPTION
#1	11-1-22	REVISED PER THE PB MEETING 10-12-22

CONSTRUCTION DETAILS
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KENNETH A. BERRY
No. 17243
LICENSED PROFESSIONAL ENGINEER