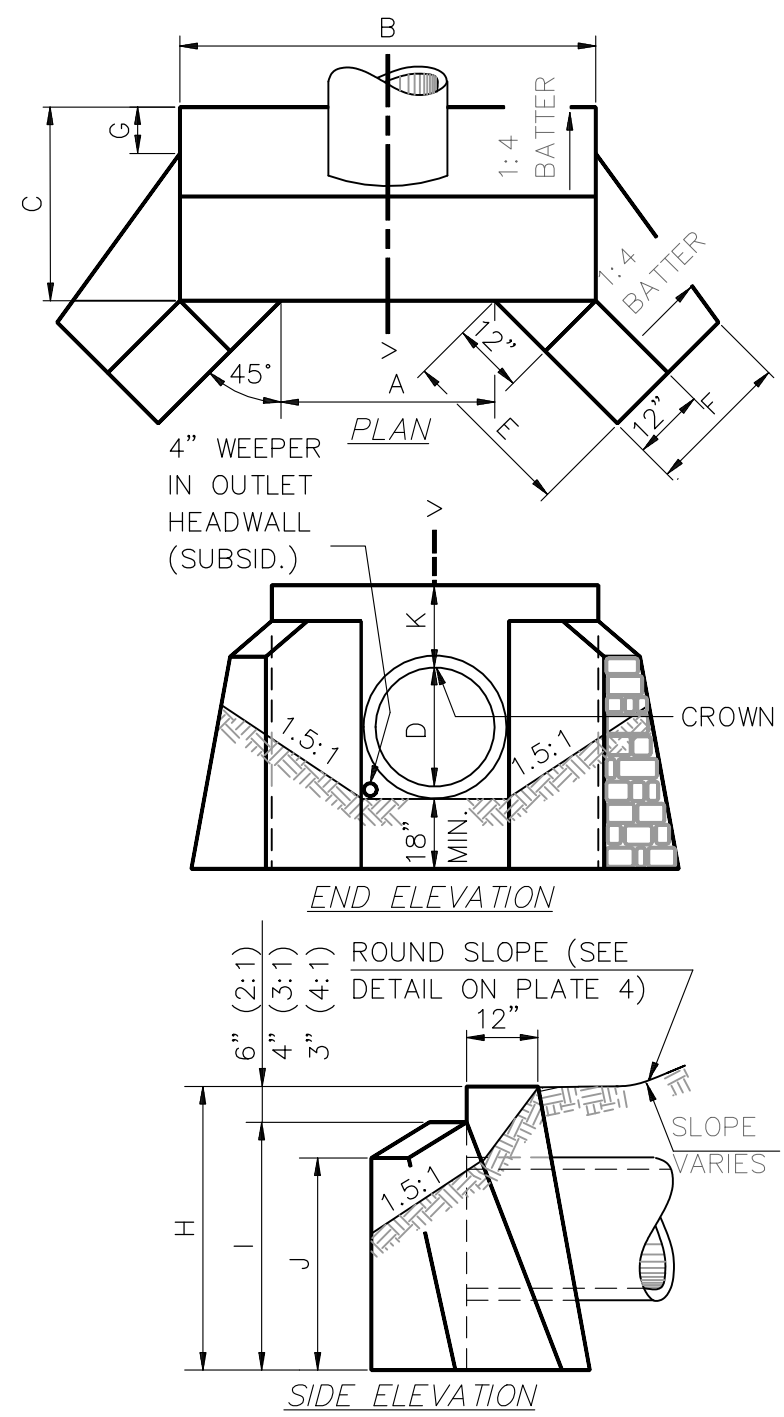


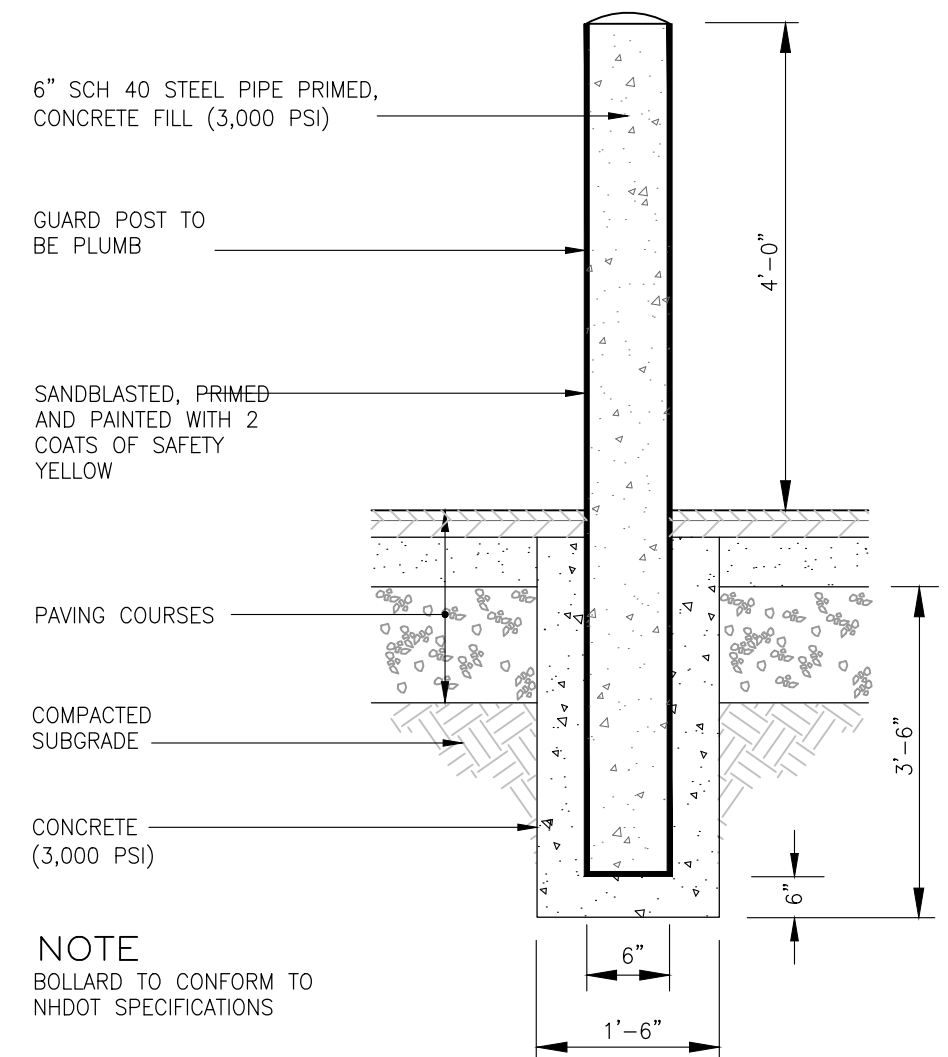
DIMENSIONS SHOWN ARE TO PAYMENT LINES. MORTAR RUBBLE MASONRY TO BE STEPPED OUTSIDE PAYMENT LINES ON SLOPING FACES.

DIAMETER D INCHES	QUANTITIES PER HEADER		DIMENSIONS										
	M.R.M. CU. YD.	EXC. FOR 1' DEPTH CU. YD.	A	B	C	E	F	G	H	I	J	K	
24	2.45	1.89	2'-6"	5'-4"	2'-3"	3'-6"	2'-0"	0'-6"	5'-0"	4'-8"	4'-1"	1'-6"	
30	3.19	2.28	3'-1"	5'-11"	2'-5"	4'-3"	2'-0"	0'-6"	5'-6"	5'-2"	4'-5"	1'-6"	
36	4.03	2.57	3'-8"	6'-6"	2'-6"	5'-4"	2'-3"	0'-4"	6'-0"	5'-9"	5'-0"	1'-6"	
42	5.50	3.09	4'-3"	7'-1"	2'-8"	6'-6"	2'-5"	0'-3"	6'-9"	6'-5"	5'-3"	1'-9"	
48	6.68	3.53	4'-10"	7'-8"	2'-10"	7'-3"	2'-4"	0'-2"	7'-3"	6'-9"	5'-1"	1'-9"	
54	7.92	3.95	5'-5"	8'-3"	2'-11"	8'-1"	2'-4"	0'-1"	7'-9"	7'-3"	5'-4"	1'-9"	
60	9.39	4.40	6'-0"	8'-10"	3'-1"	8'-10"	2'-5"	0'-1"	8'-3"	7'-9"	5'-8"	1'-9"	
66	10.90	4.81	6'-7"	9'-5"	3'-2"	9'-5"	2'-6"	0'-0"	8'-9"	8'-3"	5'-11"	1'-9"	
72	12.66	5.22	7'-2"	10'-0"	3'-4"	10'-5"	2'-9"	0'-0"	9'-3"	8'-9"	6'-3"	1'-9"	



MORTAR RUBBLE MASONRY HEADWALLS WITH 45° WINGS FOR R.C. PIPE P.C.-8

HEADWALL NOT TO SCALE



BOLLARD NOT TO SCALE

PLANNING BOARD FILE #17-27

APPROVED BY THE EXETER PLANNING BOARD

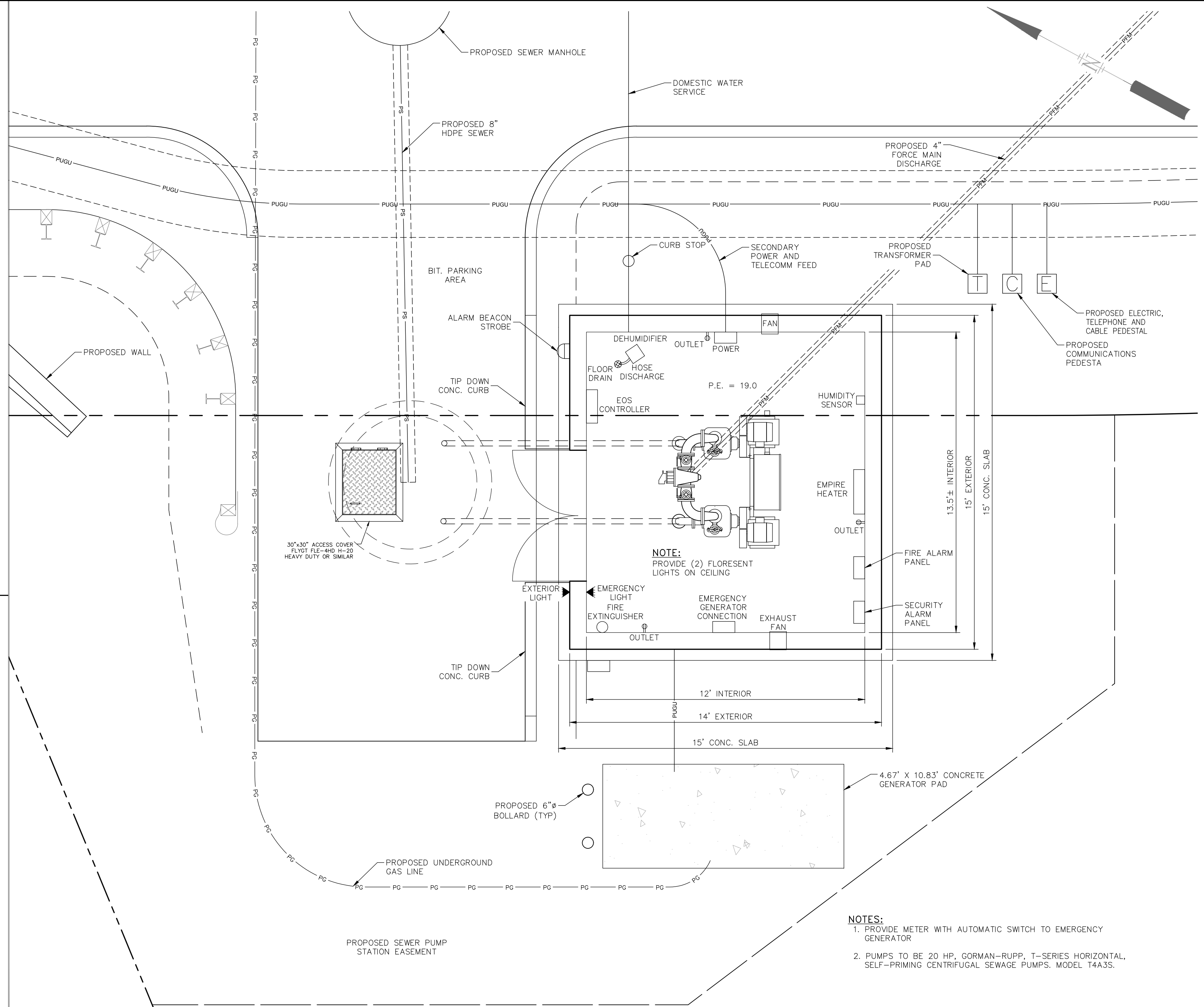
ON \_\_\_\_\_ AND  
CHAIRMAN: \_\_\_\_\_  
SECRETARY: \_\_\_\_\_

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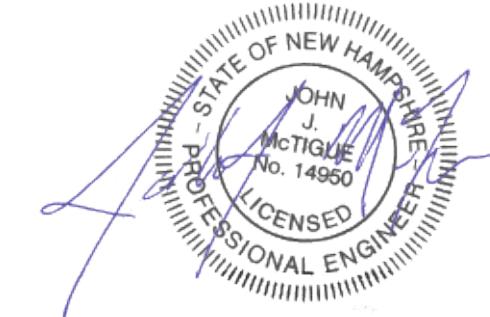


CONTACT DIG SAFE 72 BUSINESS HOURS PRIOR TO CONSTRUCTION



PUMP STATION PLAN HEAVY DUTY

SCALE: 1" = 3'

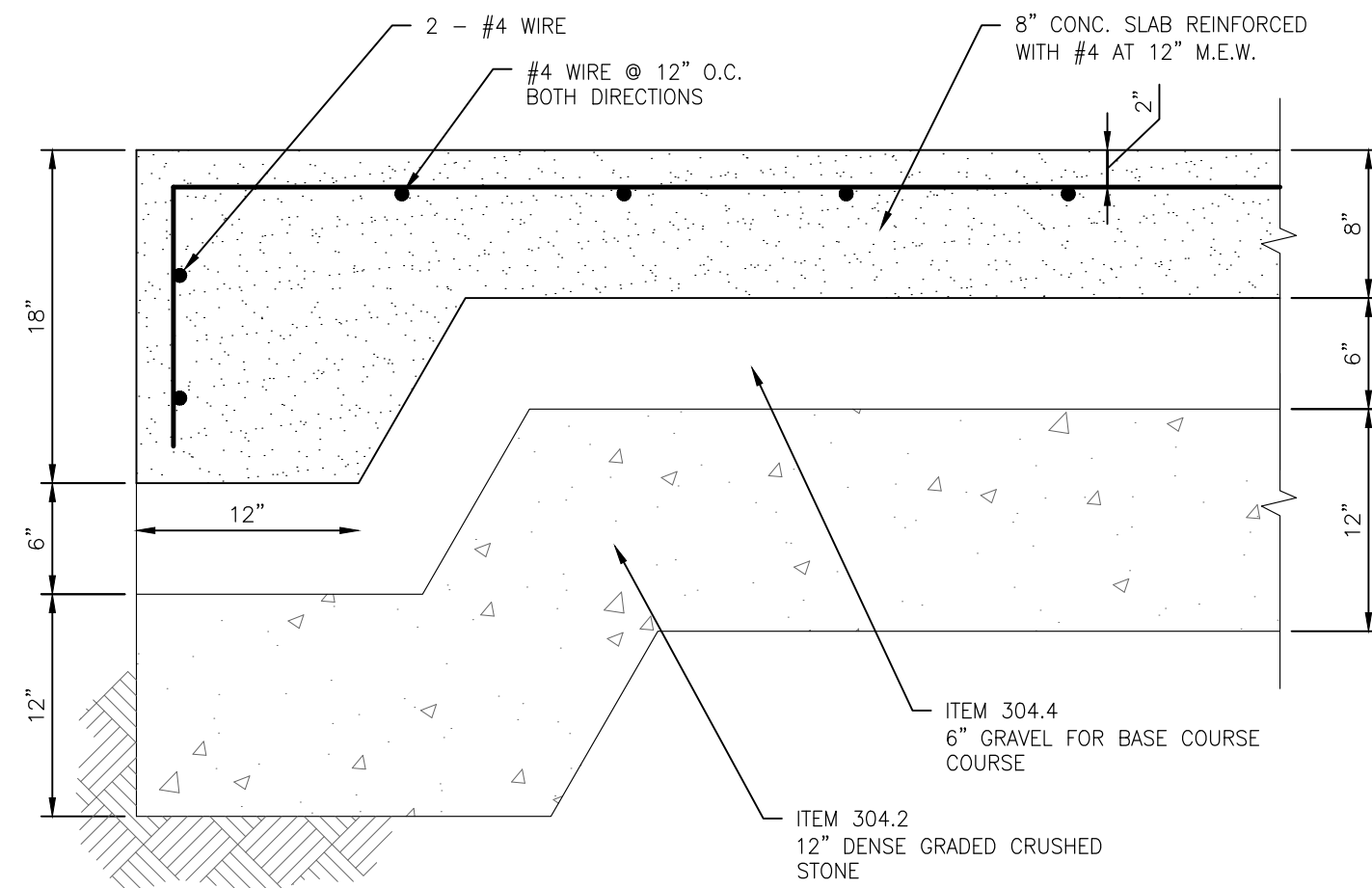


REV.	DATE	DESCRIPTION	DR	CK
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3	2/20/18	REVISED PER REVIEW COMMENTS	ETP	JUM
2	10/31/17	REVISED PER DESIGN REVIEW COMMENTS	ETP	JUM

TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**DETAILS**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
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 AUGUST 15, 2017

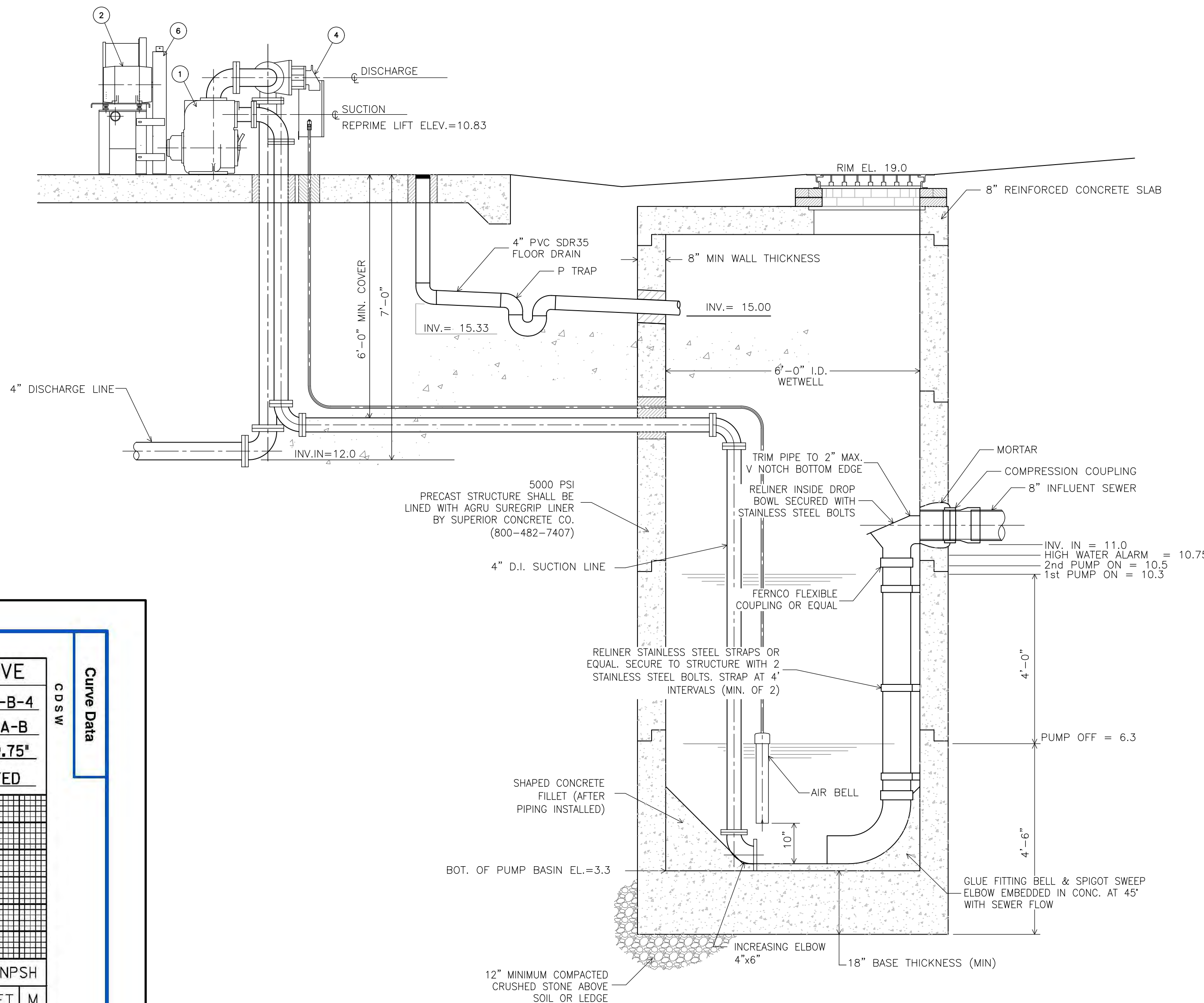
**TFM** **MSC**  
 Civil Engineers  
 Structural Engineers  
 Traffic Engineers  
 Landscape Architects  
 Scientists  
 170 Commerce Way, Suite 102  
 Portsmouth, NH 03801  
 Phone (603) 431-2222  
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**SECTION**  
**CONCRETE PAD DETAIL**

EMERGENCY GENERATOR NOT TO SCALE



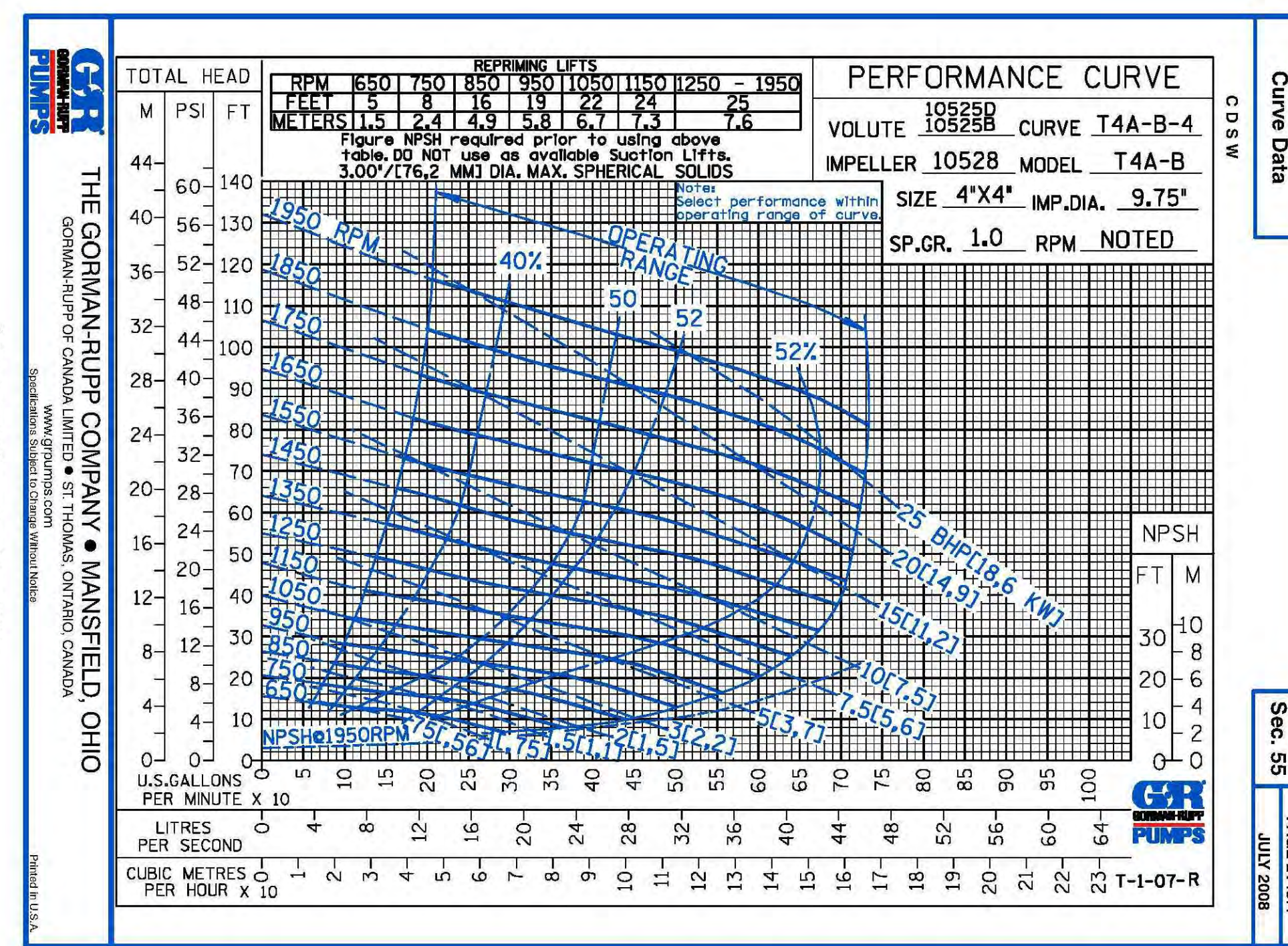
ITEM	DESCRIPTION	MAT'L & SIZE
1	PUMP	CAST IRON T4BA-B2
2	MOTOR	CAST IRON 15 HP O.D.P.
3	CHECK VALVE	CAST IRON 4"
4	PLUG VALVE	CAST IRON 4"
5	MOTOR CONTROL PANEL	STAINLESS STEEL
6	BELT GUARD	STAINLESS STEEL

**ELEVATION VIEW**

SCALE: 1" = 2'

**PUMP STATION NOTES:**

- OUTSIDE OF PUMP BASIN SHALL BE SEALED WITH A FACTORY APPLIED BITUMINOUS WATERPROOFING COATING TO ENSURE WATER TIGHTNESS. INSIDE SHALL BE PRECAST WITH AGRU SUREGRIP LINER. A DOUBLE RING OF MASTIC SEALANT SHALL BE USED TO SEAL THE JOINTS BETWEEN PRE-CAST MANHOLE SECTIONS.
  - ALL JOINTS SHALL BE SEALED WITH A BUTYL JOINT SEALANT.
  - CONTROL PANEL TO BE WIRED TO ALTERNATE OPERATION OF PUMPS.
  - SEPARATE ELECTRICAL CIRCUITS SHALL BE PROVIDED FOR THE PUMPS AND ALARM SYSTEMS.
  - THE PUMPS SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS TO PREVENT FAILURE OF BOTH PUMPS AT ANY GIVEN TIME.
  - SYSTEM TO HAVE 3Ø277/480 ELECTRICAL POWER SUPPLIED.
  - PUMPS TO BE 20 HP, GORMAN-RUPP, T-SERIES HORIZONTAL, SELF-PRIMING CENTRIFUGAL SEWAGE PUMPS, MODEL T4A3S.
  - PUMPS: PUMPS SHALL BE GORMAN-RUPP T-SERIES PUMPS. ADDITIONAL PARTS FOR THE PUMPS SHALL BE PROVIDED, INCLUDING BUT NOT LIMITED TO: IMPELLERS, IMPELLER WASHERS, IMPELLER CAPSCREWS, SEAL ASSEMBLY, SEAL GASKET, WEAR PLATE, BEARING HOUSING O-RING, BACK COVER PLATE O-RING, SET OF DRIVE BELTS, "SPARE FLOAT" FORM.
  - SEPARATE ELECTRICAL CIRCUITS SHALL BE PROVIDED FOR THE PUMPS AND ALARM SYSTEMS.
  - ALL PIPE AND FITTINGS TO BE PRODUCED BY A SINGLE MANUFACTURER AND TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS. BURIED PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM F 1668. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2564. PRIMER SHALL CONFORM TO ASTM F 656.
  - THE CONTRACTOR SHALL PROVIDE COMPLETE PUMP STATION ELECTRICAL, PLUMBING, MECHANICAL, AND BUILDING SYSTEMS DRAWINGS ON A DESIGN/BUILD BASIS. STAMPED DRAWINGS, CONFORMING TO ALL LOCAL AND STATE BUILDING CODES, SHALL BE PROVIDED TO THE TOWN OF EXETER FOR APPROVAL PRIOR TO CONSTRUCTION. THE PUMP STATION SHALL BE OWNED AND OPERATED BY THE TOWN OF EXETER DEPARTMENT OF PUBLIC WORKS.
  - CONTROLS AND TELEMETRY
    - THE PUMP STATION CONTROLS SHALL BE INTEGRATED WITH THE TOWN OF EXETER SCADA SYSTEM (VTS/SCADA).
    - A RADIO FREQUENCY PATH STUDY IS REQUIRED FOR THE RADIO COMMUNICATIONS FOR TRANSMITTING SCADA DATA
    - SECURITY AND FIRE ALARMS SHALL BE REQUIRED AND SHOULD BE COORDINATED WITH THE EXETER POLICE AND FIRE DEPARTMENTS.
    - AN EMERGENCY NOTIFICATION LIGHT SHALL BE INSTALLED OUTSIDE THE BUILDING IN THE EVENT THAT THE SCADA SYSTEM IS NOT FUNCTIONING PROPERLY.
    - PROVIDE REMOTE CONTROL START AND STOP CAPABILITIES FOR BOTH PUMPS.
    - THE PUMP CONTROLS SHALL SEND THE FOLLOWING SIGNALS TO THE SCADA SYSTEM:
      - PUMP 1 RUNNING
      - PUMP 2 RUNNING
      - LEVEL INDICATOR
      - PUMP POWER FAILURE ALARM
      - HIGH-LEVEL WET WELL ALARM
      - LOW-LEVEL WET WELL ALARM
      - PUMP 1 HIGH-TEMPERATURE SHUTDOWN ALARM
      - PUMP 2 HIGH-TEMPERATURE SHUTDOWN ALARM
      - PUMP 1 MOTOR OVERLOAD ALARM
      - PUMP 2 MOTOR OVERLOAD ALARM
      - NO SIGNAL FROM LEVEL TRANSDUCER
      - REDUNDANT HIGH-LEVEL ALARM (FROM INDEPENDENT FLOAT SWITCH)
      - PUMP 1 IN REMOTE
      - PUMP 2 IN REMOTE
      - SPEED CONTROL (VFD)
    - LIQUID LEVEL CONTROL: THE WET WELL LIQUID LEVEL SHALL BE CONTINUOUSLY MONITORED BY AN ELECTRONIC PRESSURE SWITCH. THE SWITCH SHALL CONTROL START AND STOP OF THE PUMP MOTORS AS DEFINED BY THE ESTABLISHED LEVEL PARAMETERS.
    - ELECTRICAL CONTROLS SHALL CONSIST OF:
      - ALLAN BRADLEY PLC
      - IFM PRESSURE SENSORS
      - KPSI PRESSURE TRANSDUCER WET-WELL LEVEL
  - ADDITIONAL PARTS SHALL BE PROVIDED AND INCLUDE, BUT ARE NOT LIMITED TO, RELAYS (2 OF EACH STYLE), FUSES (MINIMUM OF 10% OF TOTAL USED, MINIMUM OF 2 PER SIZE INSTALLED), AND POWER SUPPLY.
- FINAL ACCEPTANCE
  - PRIOR TO FINAL ACCEPTANCE OF THE PUMP STATION BY THE TOWN, THE FOLLOWING MAINTENANCE IS REQUIRED:
    - CHANGE ALL BEARING AND SEAL OILS.
    - INSTALL NEW BELTS ON ALL UNITS.
    - CHECK VALVES SHALL BE CLEANED.
    - PUMP CLEARANCES SHALL BE REESTABLISHED.
    - A FINAL INSPECTION BY DPW IS REQUIRED PRIOR TO FINAL ACCEPTANCE OF THE PUMP STATION. THIS MAY RESULT IN ADDITIONAL MAINTENANCE REQUIREMENTS.

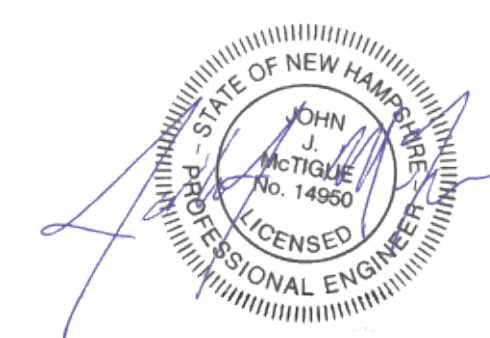


Curve Data  
Sec 55  
PAGE 2105.4  
JULY 2008

**SEWER PUMP DESIGN NOTES**

- Env-Wq 705.10 INSTRUCTION AND EQUIPMENT:
- THE CONTRACTOR/ENGINEER SHALL OBTAIN AND PROVIDE A COMPLETE SET OF OPERATIONAL INSTRUCTIONS, INCLUDING RECOMMENDATION FOR SPARES AND MAINTENANCE, AT EACH SEWAGE PUMP STATION SO AS TO BE AVAILABLE TO ALL OPERATORS.
  - ENV-WQ 704.08 FORCE MAIN AND PRESSURE SEWER CONSTRUCTION MATERIALS.
    - FORCE MAINS AND PRESSURE SEWERS SHALL BE CONSTRUCTED OF DUCTILE IRON (DI), HIGH DENSITY POLYETHYLENE (HDPE), OR PVC MATERIAL.
    - FORCE MAINS AND PRESSURE SEWERS SHALL BE TREATED AS GRAVITY SEWERS FOR PURPOSES OF FOUNDATION BEDDING AND BACKFILL REQUIREMENTS.
    - PVC PIPE USED FOR FORCE MAINS AND PRESSURE SEWERS SHALL BE CERTIFIED BY ITS MANUFACTURER AS CONFORMING TO THE ASTM D2241 OR ASTM D1785 STANDARDS IN EFFECT WHEN THE PIPE IS MANUFACTURED.
    - HDPE PIPE USED FOR FORCE MAINS AND PRESSURE SEWERS SHALL BE CERTIFIED BY ITS MANUFACTURER AS CONFORMING TO THE ASTM D3035 STANDARD IN EFFECT WHEN THE PIPE IS MANUFACTURED.
    - IF DI PIPE IS USED IN AN ENVIRONMENT THAT COULD CAUSE CORROSION OR OTHER DETERIORATION OF OR DAMAGE TO AN IRON PIPE, OR OTHERWISE REDUCE THE TYPICAL LIFE EXPECTANCY OF THE PIPE, SUCH AS MAY OCCUR WITH CERTAIN SOIL TYPES, LOW PH LEVELS, OR WATER CONDITIONS, THE PIPE SHALL BE PROTECTED AGAINST CORROSION, SUCH AS WITH CATHODIC PROTECTION.
  - ENV-WQ 704.09 FORCE MAIN AND PRESSURE SEWER TESTING.
 

FORCE MAINS AND PRESSURE SEWERS SHALL BE TESTED IN ACCORDANCE WITH SECTION 5 OF THE AWWA C600, "INSTALLATION OF CAST IRON WATER MAINS AND THEIR APPURTENANCES" STANDARD IN EFFECT WHEN THE TEST IS CONDUCTED, AVAILABLE AS NOTED IN APPENDIX D, AT A PRESSURE EQUAL TO THE GREATER OF 150 PERCENT OF THE DESIGN OPERATING TOTAL DYNAMIC HEAD OR AT LEAST 100 PSI.



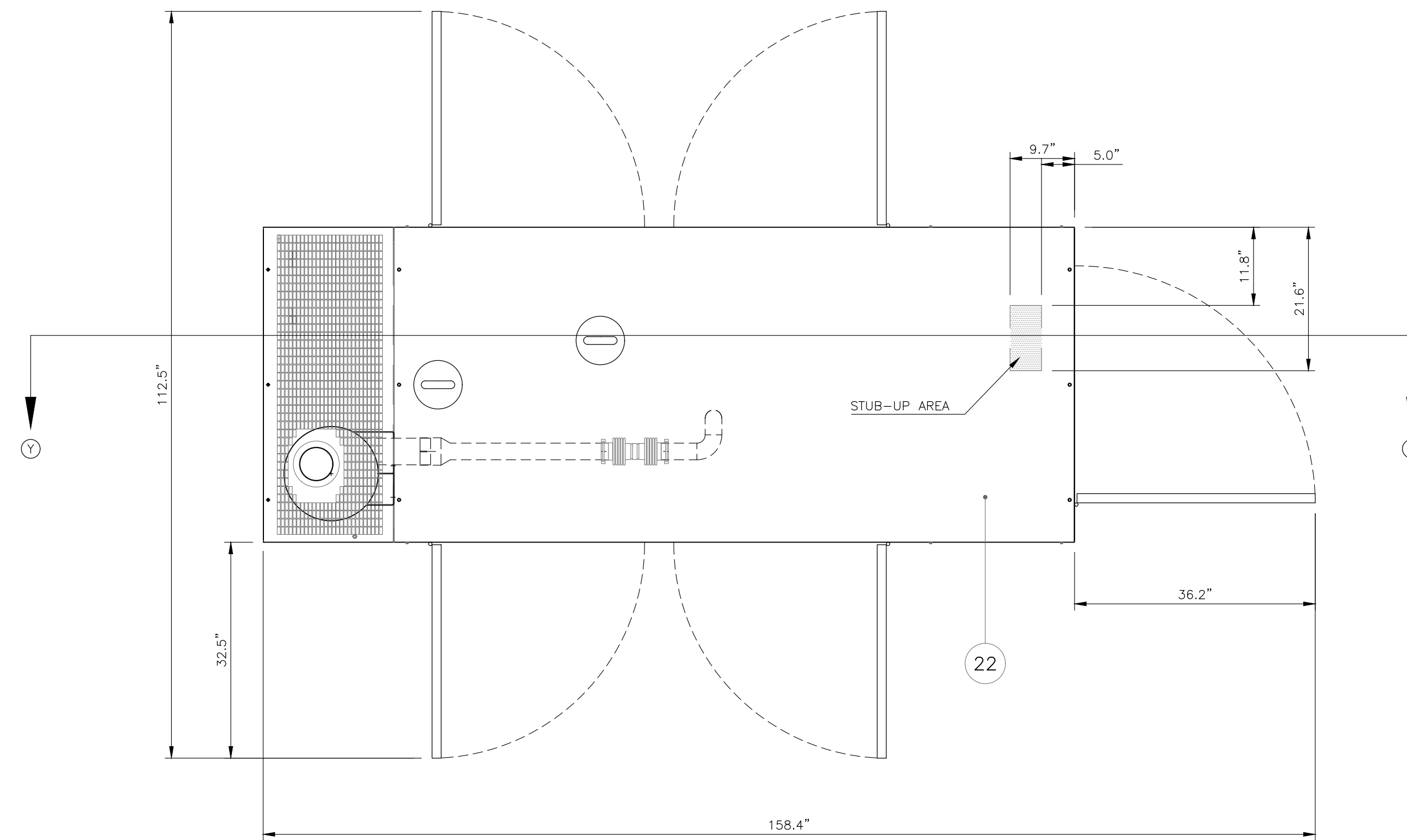
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TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
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**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
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AUGUST 15, 2017

**TFM** **MSC**  
Civil Engineers  
Structural Engineers  
Traffic Engineers  
Land Surveyors  
Landscape Architects  
Scientists  
170 Commerce Way, Suite 102  
Portsmouth, NH 03801  
Phone (603) 431-2222  
Fax (603) 431-0910  
www.tfmoran.com

**PUMP CURVE**  
**PLANNING BOARD FILE #17-27**  
**APPROVED BY THE EXETER PLANNING BOARD**  
ON \_\_\_\_\_  
CHAIRMAN: \_\_\_\_\_ AND  
SECRETARY: \_\_\_\_\_  
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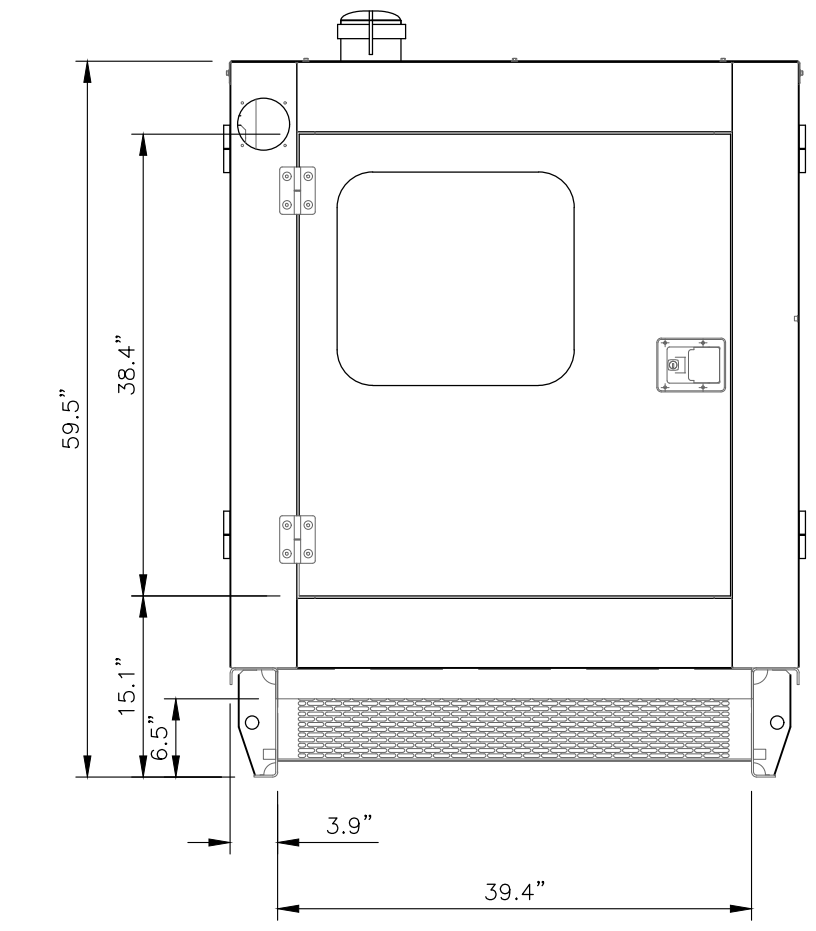
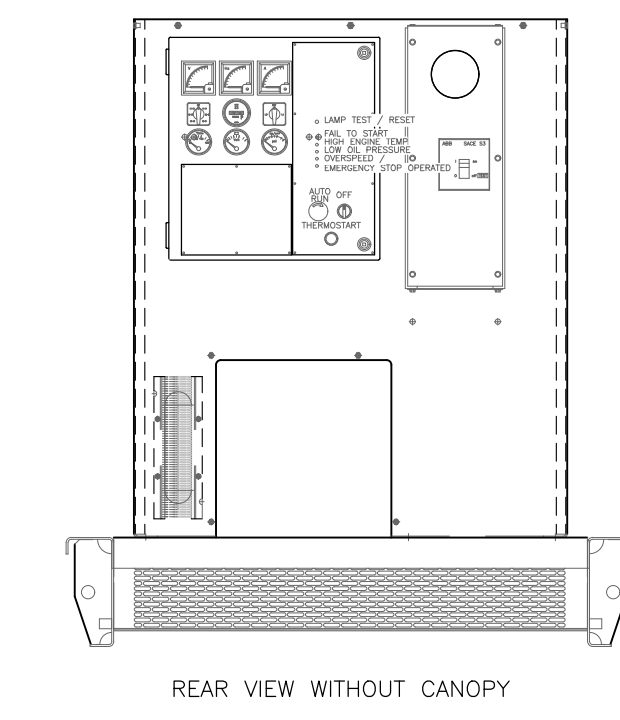
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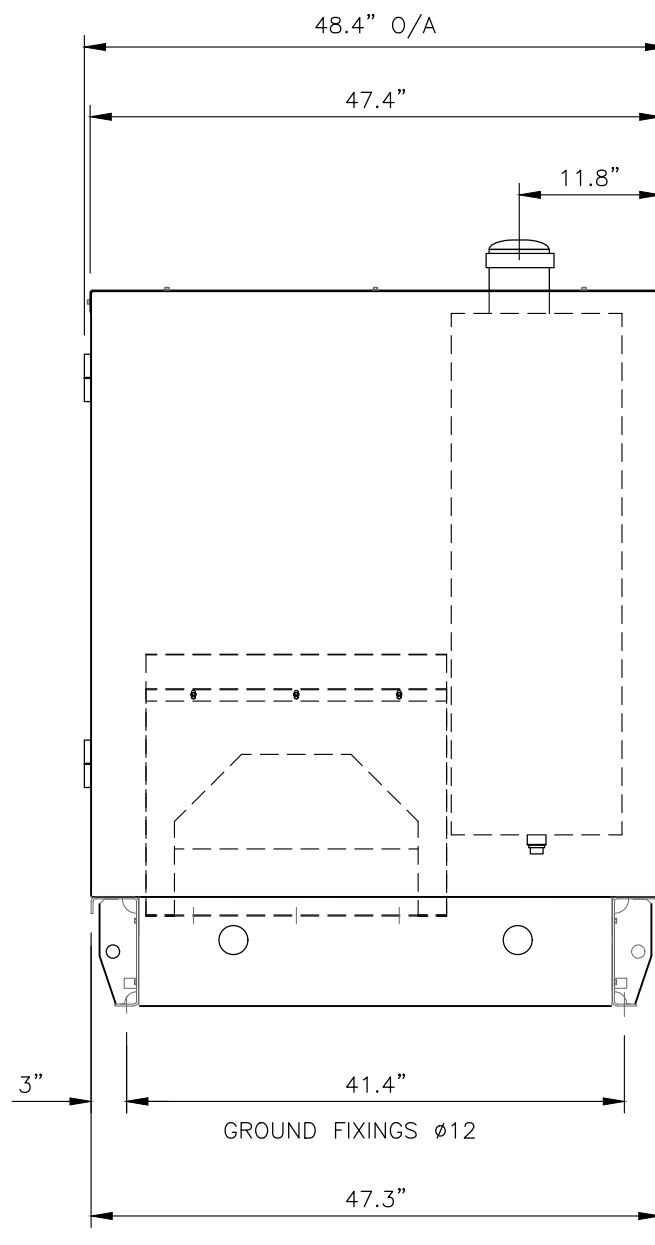
GENSET	WEIGHT						CENTER OF GRAVITY	
	DRY		WITH LUBE OIL		WITH OIL & WATER		DIM. X	DIM. Y
	KGS	LBS	KGS	LBS	KGS	LBS		
WSG1068/LL2014H	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
WSG1068/LL2014J	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
WSG1068/LL3014B	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
WSG1068/LL3014F	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA

FUEL TYPE	BULKHEAD FITTING
LPG LIQUID	A - 3/4" NPT FEMALE
NATURAL GAS	B - 1 1/4" NPT FEMALE
LPG VAPOUR	C - 1 1/4" NPT FEMALE

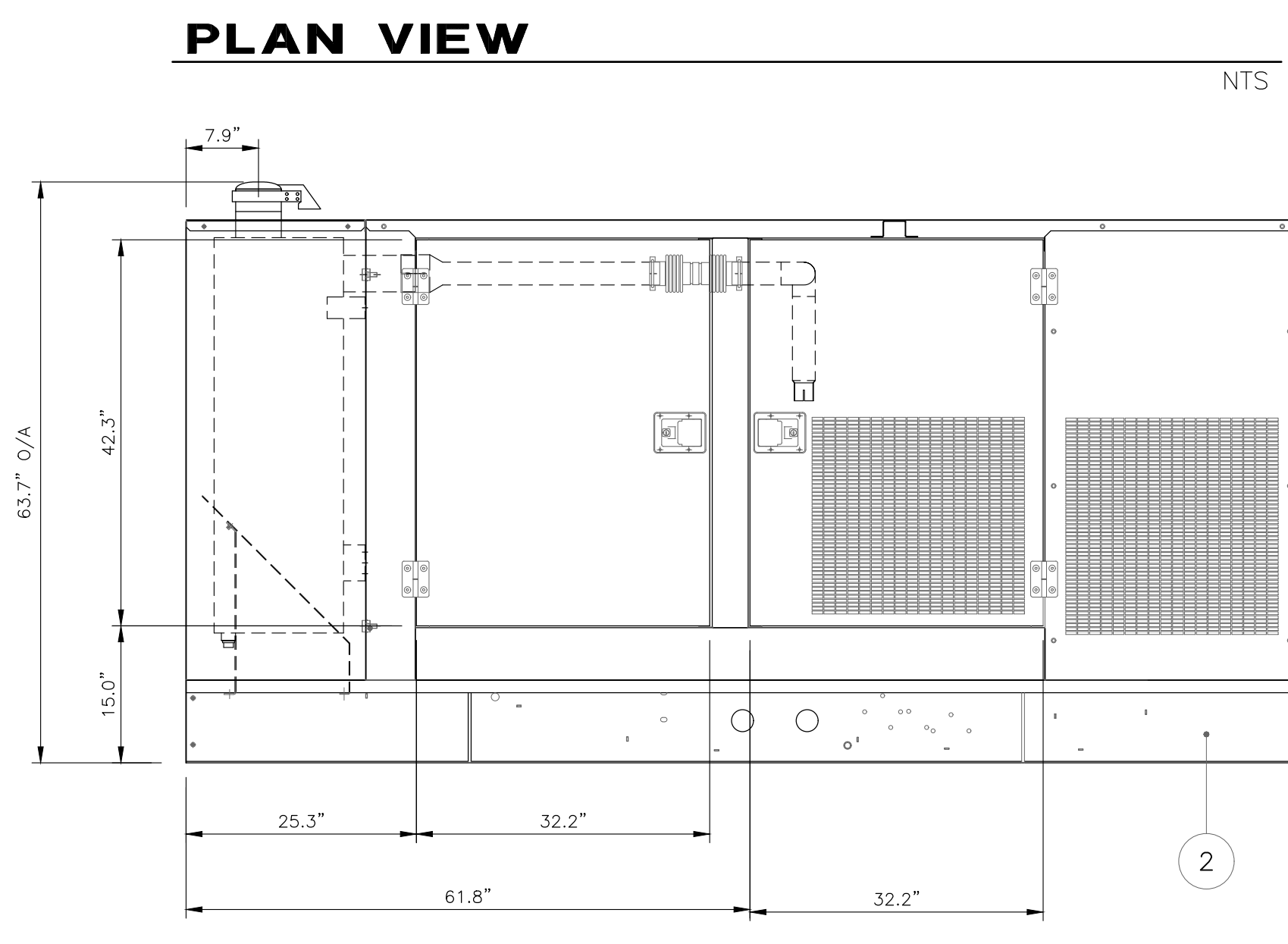
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	ENGINE / ALTERNATOR COMBINATIONS	MGS4161
2	1	SA BASEFRAME GROUP	MGS5209
3	1	RADIATOR COOLING SYSTEM GROUP	MGS3747
4	1	SINGLE FUEL GAS GROUP (NATURAL GAS)	MGS3903
5	1	BATTERY GROUP	MGS4033
6	1	FAN & PULLEY GUARD GROUP	MGS3759
7	1	MANIFOLD HEAT SHIELD GUARD GROUP	MGS3912
8	1	STARTER MOTOR HEAT SHIELD GUARD GROUP	MGS3907
9	1	COUPLING GROUP	MGS3915
10	1	PANEL STAND GROUP	MGS5217
11	1	AIR FILTER GROUP	MGS4079
12	1	OIL PRESSURE SENSOR GROUP	MGS3927
13	1	HIGH WATER TEMPERATURE SENSOR GROUP	MGS4064
14	1	MAGNETIC PICK-UP SENSOR GROUP	MGS3928
15	1	IGNITION CONTROL MODULE GROUP	MGS4035
16	1	EXHAUST MANIFOLD PIPEWORK GROUP	MGS3860
17	1	LV1 - LUBE OIL DRAIN TO BASEFRAME	MGS3931
18	1	WV1 - COOLANT DRAIN TO BASEFRAME	MGS3930
19	1	EIM UPFIT GROUP	MGS4110
20	1	DECALS - UNIVERSAL LABELS (CANOPIED)	MGS2583
21	1	OIL COOLER GROUP	MGS4047
22	1	SOUND ATTENUATED CANOPY GROUP	MGS5214



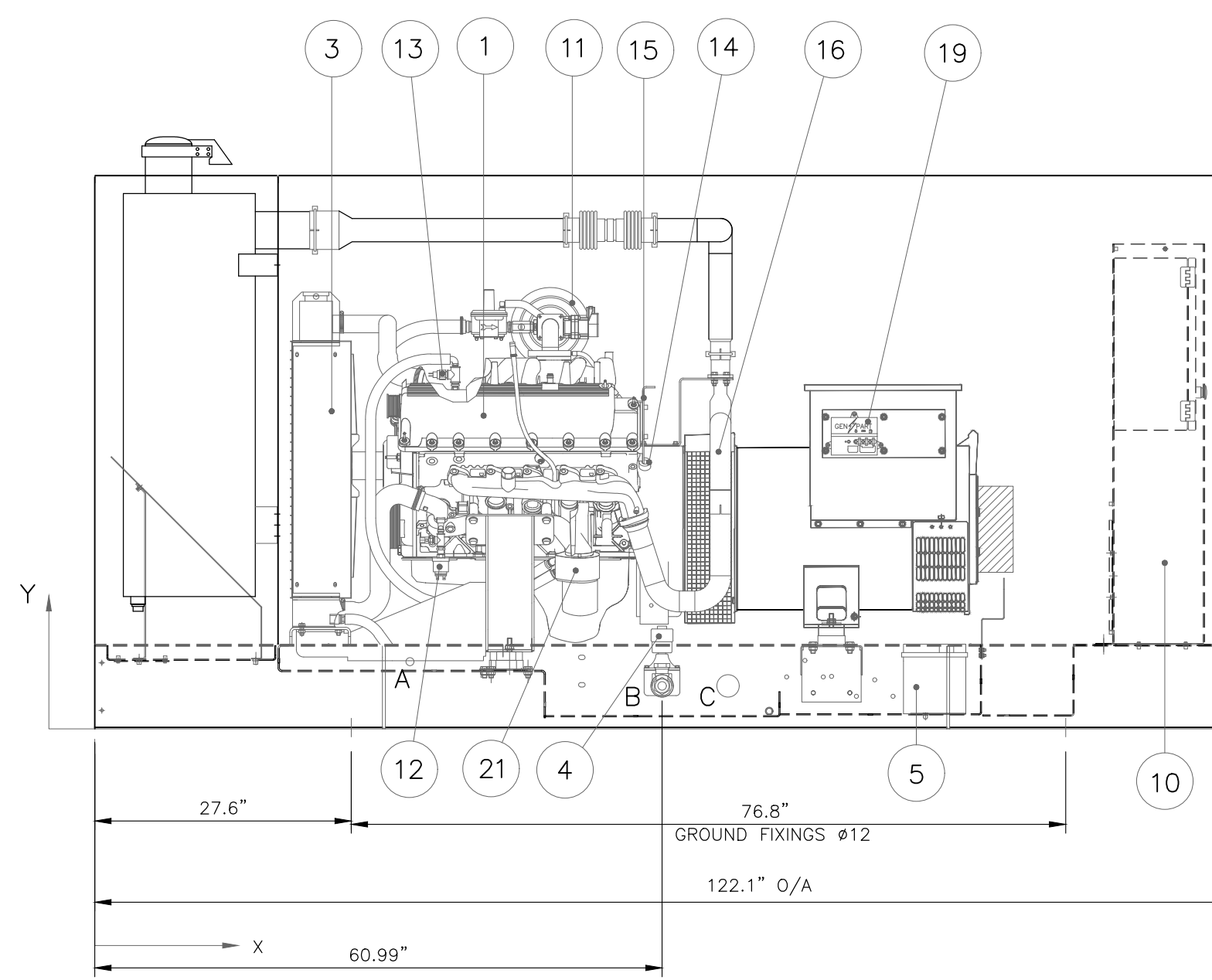
REAR VIEW NTS



FRONT VIEW NTS



SIDE VIEW NTS



SECTION Y-Y NTS

PLANNING BOARD FILE #17-27

APPROVED BY THE EXETER PLANNING BOARD

ON \_\_\_\_\_ AND  
CHAIRMAN: \_\_\_\_\_ SECRETARY: \_\_\_\_\_

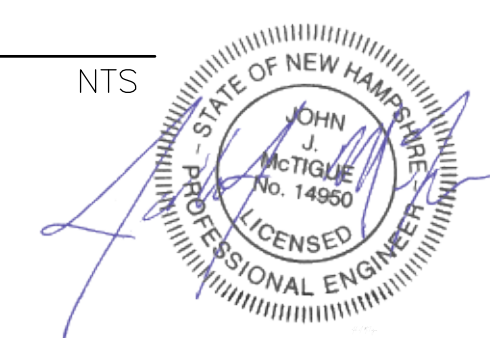
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SEWER PUMP STATION GENERATOR

FOR INFORMATION ONLY

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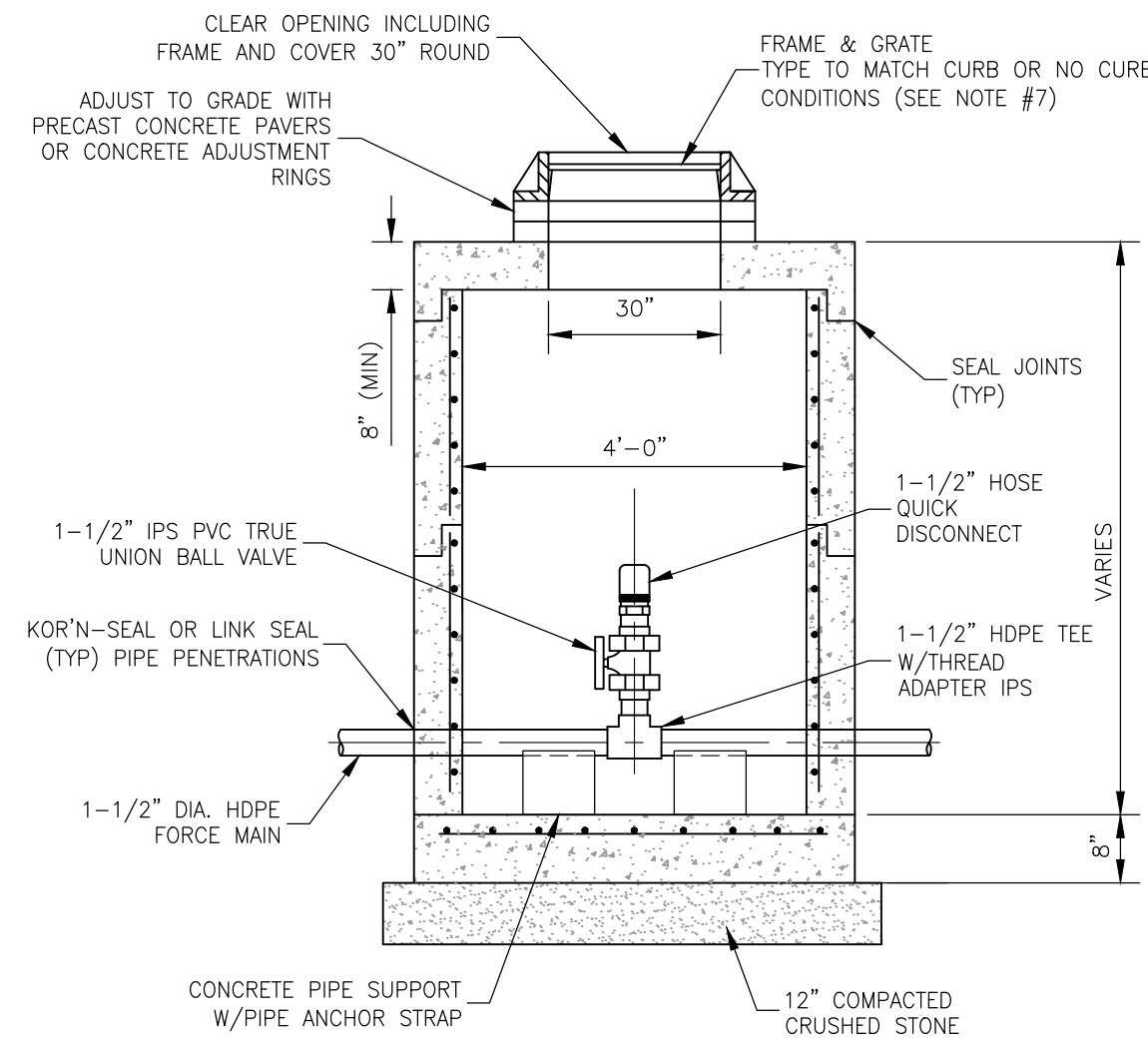
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 Civil Engineers Structural Engineers Traffic Engineers Land Surveyors Landscape Architects Scientists  
 170 Commerce Way, Suite 102 Portsmouth, NH 03801 Phone (603) 431-2222 Fax (603) 431-0910 www.tfmoran.com

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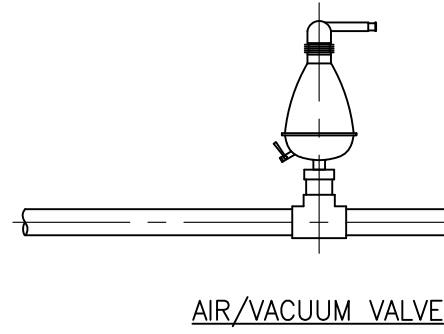
**NOTES:**

- CATCHBASIN FRAME & GRATE SHALL BE NEENAH R-3589-A OR APPROVED EQUAL.
- ALL COMPONENTS SHALL BE DESIGNED FOR HS-20 LOADING.
- REINFORCING SHALL CONFORM TO ASTM 185 OR ASTM 1497 & ASTM A615, GRADE 60.
- ALL CONCRETE SHALL BE NHDOT CLASS A.
- LARGER DIAMETER STRUCTURES SHALL BE USED AS REQUIRED DUE TO NUMBER, ORIENTATION OR SIZE OF PIPES AT THE STRUCTURE.
- "CL" USED AT ALL LOCATIONS WITHOUT CURB AND "O" TO BE USED AT ALL TO NUMBER, SIZE OR ORIENTATION OF PIPES AT THE BASIN.
- ALL CASTINGS SHALL BE MADE IN THE USA.

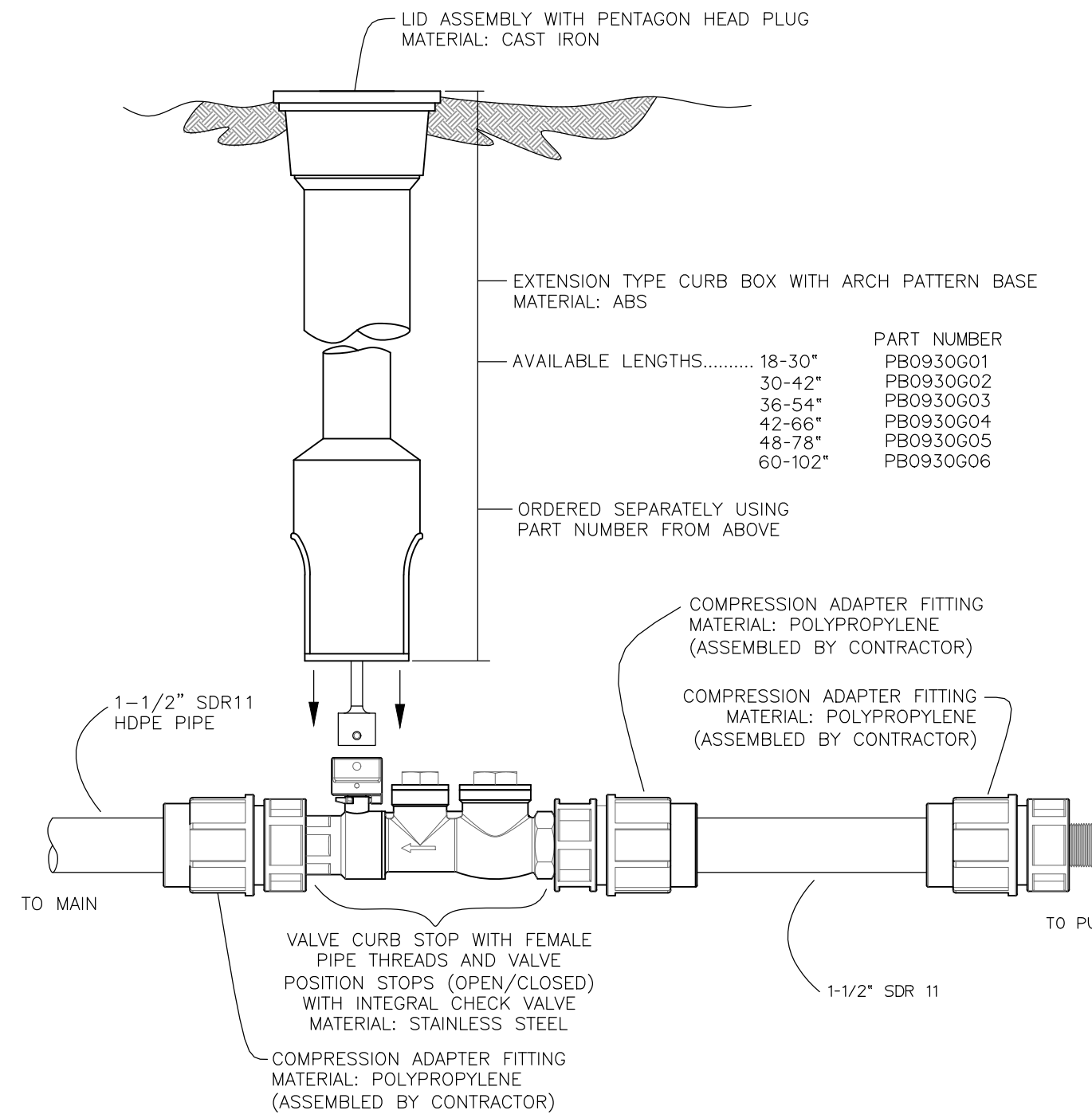


**E-ONE CLEANOUT AND AIR/VACUUM DETAIL**

NOT TO SCALE



AIR/VACUUM VALVE



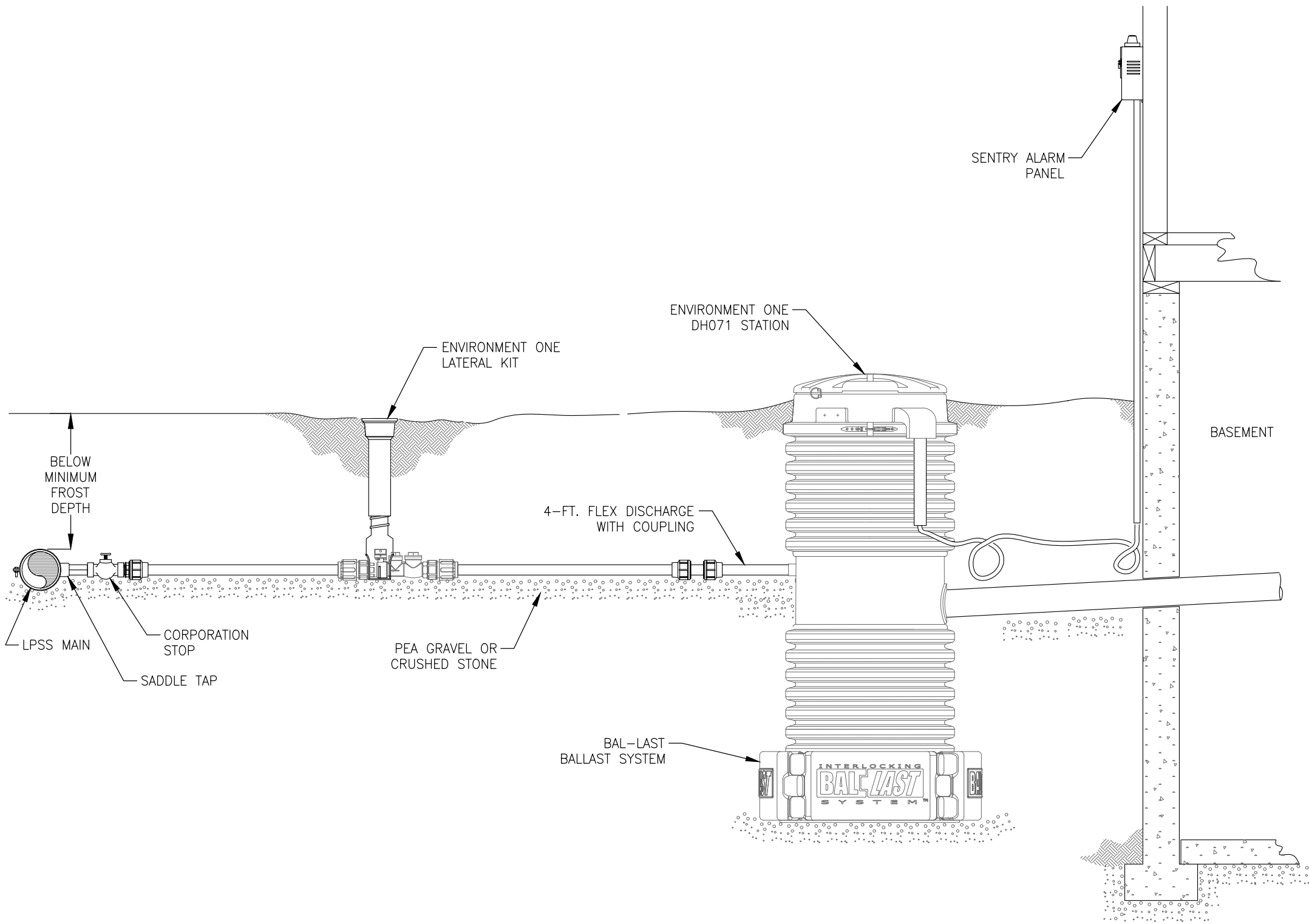
**STAINLESS STEEL LATERAL KIT**  
1-1/2" SDR 11 HDPE PIPE

**NOTES:**

- SS CURB STOP/CHECK VALVE AND FITTINGS ARE PROVIDED SEPARATELY, TO BE ASSEMBLED BY CONTRACTOR.
- TO ASSEMBLE, APPLY A DOUBLE LAYER OF TEFLON TAPE, AND A LAYER OF PIPE DOPE (SUPPLIED BY CONTRACTOR) TO THE THREADS ON THE PLASTIC FITTINGS AND INSTALL PER THE MANUFACTURER'S INSTRUCTIONS. \* FOR SS FITTING INTO SS THREAD, USE EITHER PIPE DOPE OR TEFLON TAPE, NOT BOTH.
- ASSEMBLY IS TO BE PRESSURE TESTED (BY CONTRACTOR).
- ASSEMBLY IS TO BE USED WITH SDR11 HDPE PIPE.
- TO ORDER SS LATERAL KIT, USE PART NUMBER NC0193G02.
- CURB BOX IS TO BE ORDERED SEPARATELY, SEE ABOVE.

KIT PARTS ARE NOT ASSEMBLED

SGS	DN	11/02/11	B	3/16
DR BY	CHK'D	DATE	ISSUE	SCALE
<b>eone</b> SEWER SYSTEMS				
STAINLESS STEEL LATERAL KIT 1-1/2" SDR 11 HDPE PIPE				
NA0330P03				

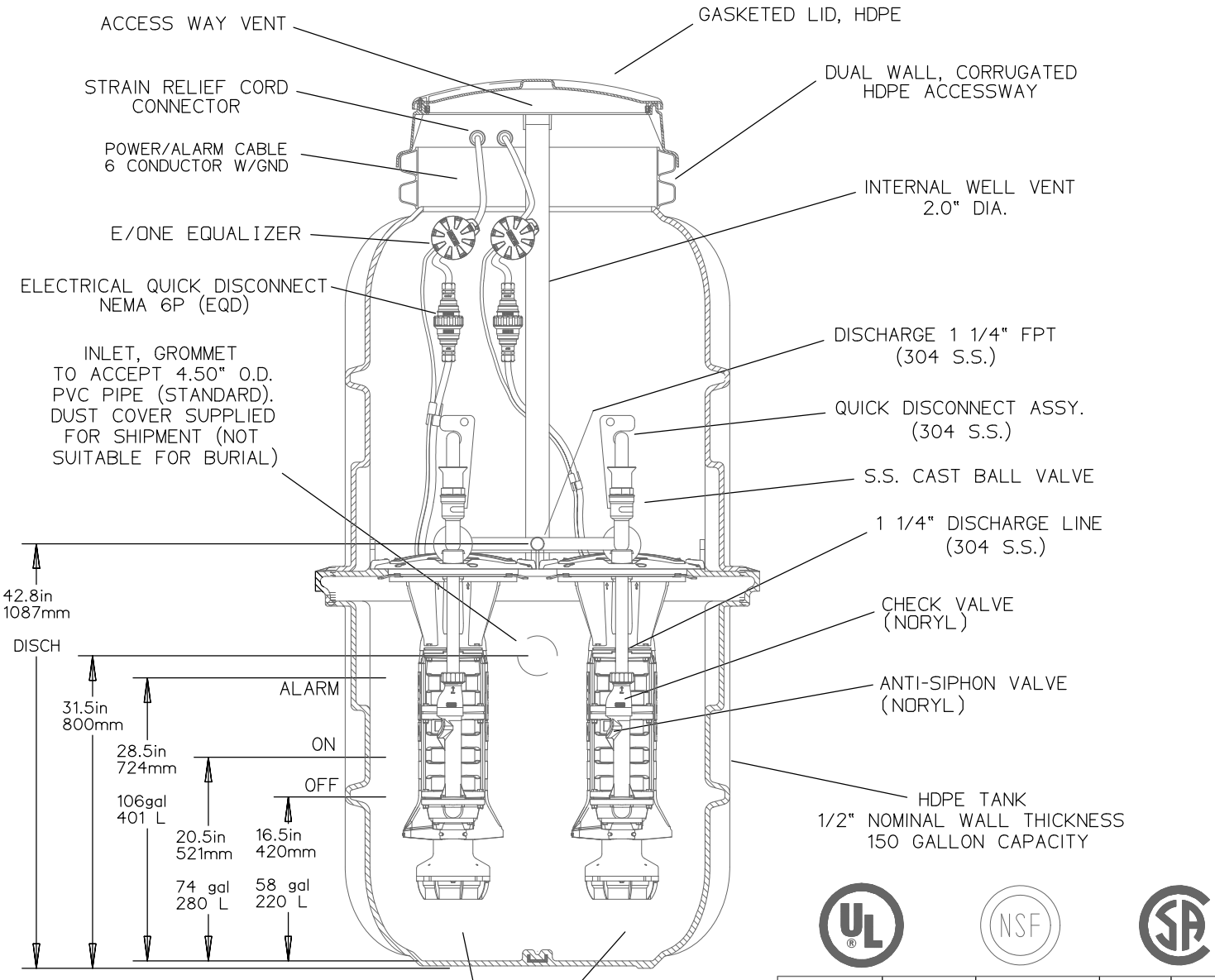


**TYPICAL PUMP AND BALLAST INSTALLATION DETAIL**

NOT TO SCALE

FIELD JOINT REQUIRED FOR MODELS

OPTIONS:  DH152 (HARD WIRED LEVEL CONTROLS)  
 DR152 (WIRELESS LEVEL CONTROLS)



SEMI-POSITIVE DISPLACEMENT TYPE PUMP EACH DIRECTLY DRIVEN BY A 1 HP MOTOR

CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

AD	CH	10/20/10	D
DR BY	CHK'D	DATE	ISSUE
<b>eone</b> SEWER SYSTEMS			
MODEL DH152 / DR152 DETAIL SHEET			
NA0052P02			

**PLANNING BOARD FILE #17-27**

APPROVED BY THE EXETER PLANNING BOARD

ON \_\_\_\_\_ AND  
CHAIRMAN: \_\_\_\_\_  
SECRETARY: \_\_\_\_\_

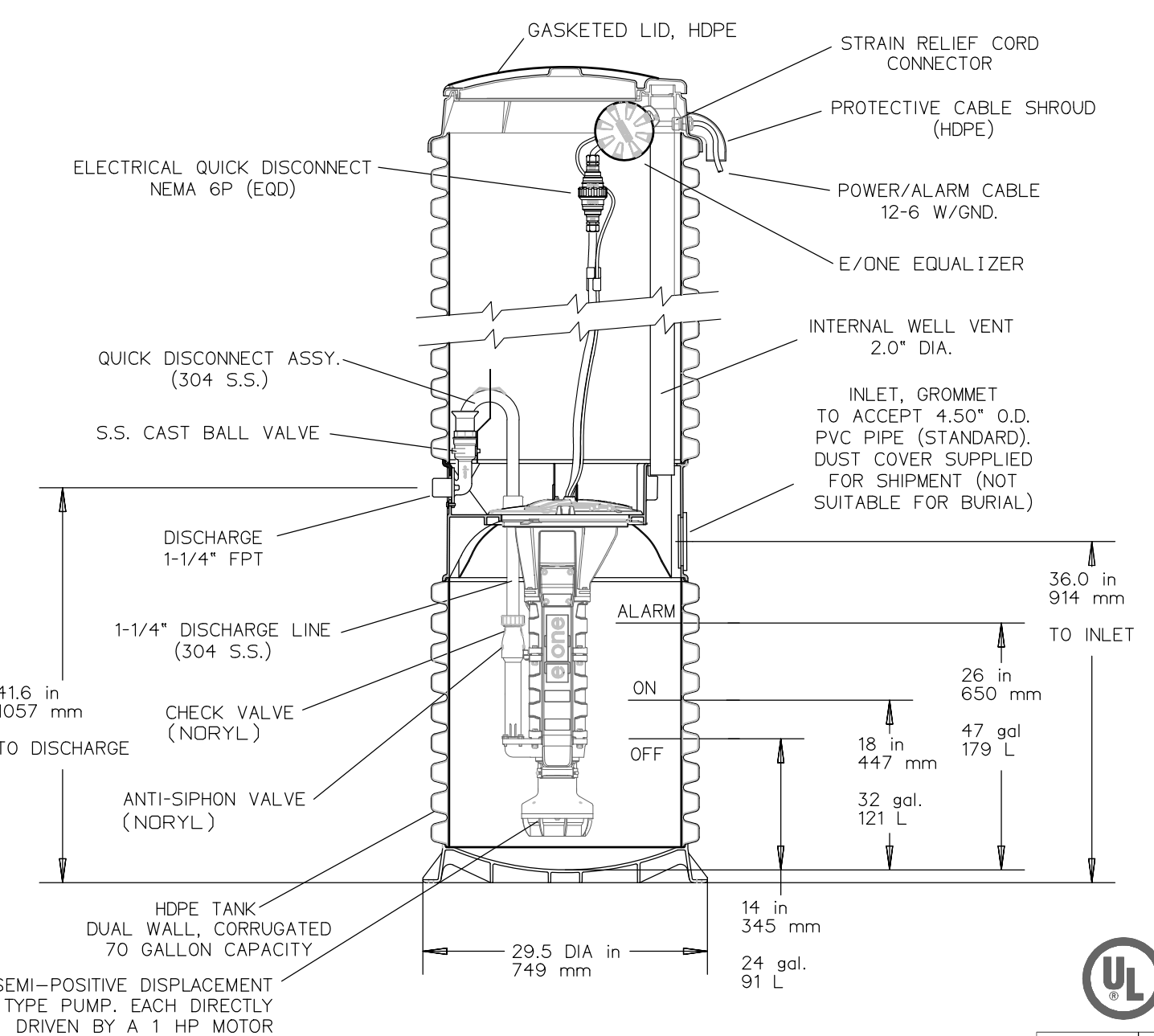


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This plan is not effective unless signed by a duly authorized officer of Thomas F. Moran, Inc.  
CONTACT DIG SAFE 72 BUSINESS HOURS PRIOR TO CONSTRUCTION

FIELD JOINT REQUIRED FOR MODELS  
DH071-129 / DR071-129 &  
DH071-160 / DR071-160

OPTIONS:  DH071 (HARD WIRED LEVEL CONTROLS)  
 DR071 (WIRELESS LEVEL CONTROLS)

NOTE: DIMENSIONS ARE FOR REF ONLY



CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTION FOR DETAILS

**E-ONE GRINDER PUMP**

NOT TO SCALE

**NOTES:**

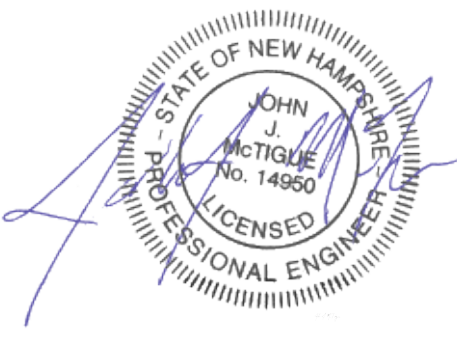
- THE PUMP CORE CONTAINS BUILT IN CHECK AND ANTI-SIPHON VALVES. IN ADDITION, THERE IS A REDUNDANT UNILATERAL CHECK AND ISOLATION VALVE AT THE LOT LINE WITH THE STAINLESS STEEL ASSEMBLY.
- THE STATION MONITOR CONTAINS A HIGH LEVEL ALARM. THE HIGH LEVEL ALARM IS RUN OFF A REDUNDANT RUN SWITCH THAT OVERRIDES THE RUN SWITCH IF IT SHOULD SEE A POWER FAILURE.
- THE ALARM PANEL HAS THE OPTION TO CONNECT A PORTABLE GENERATOR WITH A 20 AMP, 240 VOLT SUPPLY. POWER TRANSFERS AUTOMATICALLY IF THE PUMP IS CALLING TO RUN.
- THE PUMP IS RATED TO CONTINUOUS DUTY HEADS OF 185- FEET. THE SYSTEM AS DESIGNED WILL OPERATE AT 14.92 GPM AT 5.64- FEET TDH.
- THE PUMP RATED TO 700 GPD.
- THE TANK HAS A 70- GAL VOLUME AND ALLOWS FOR 43 GALLONS ABOVE THE "ON" LEVEL.
- A BACKUP GENERATOR WILL BE PROVIDED THAT SHALL BE AMPLE ENOUGH TO SUPPLY POWER TO RUN THE GRINDER PUMP AND ALARM SYSTEM. THERE SHALL BE ENOUGH FUEL ON SITE TO RUN THE GENERATOR FOR A MINIMUM OF 6 HRS.
- IN CASE OF A POWER FAILURE, A BATTERY BACKUP REMOTE SENTRY ALARM PANEL SHALL BE USED IN CONJUNCTION WITH THE E-ONE PUMP SYSTEM.

AD	CH	10/20/10	D
DR BY	CHK'D	DATE	ISSUE
<b>eone</b> SEWER SYSTEMS			
MODEL DH071 / DR071 DETAIL SHEET			
NA0050P02			

REV.	DATE	DESCRIPTION	DR	CK
9	02/09/21	REVISED PER AOT SUBMITTAL	JUM	
8	11/26/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JUM
7	11/05/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JUM
6	10/01/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JUM
5	8/31/18	REVISED PER TRC COMMENTS	ETP	JUM
4	7/10/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JUM
3	2/20/18	REVISED PER REVIEW COMMENTS	ETP	JUM
2	10/31/17	REVISED PER DESIGN REVIEW COMMENTS	ETP	JUM

TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205

**DETAILS**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
OWNED BY  
**EXETER ROSE FARM, LLC & BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
AUGUST 15, 2017



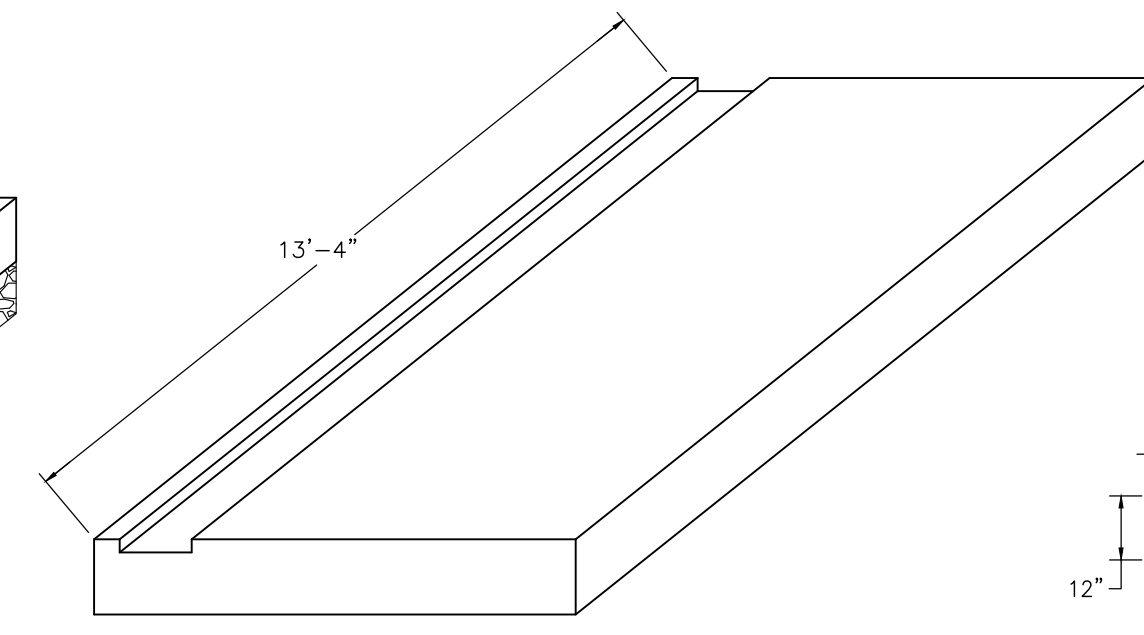
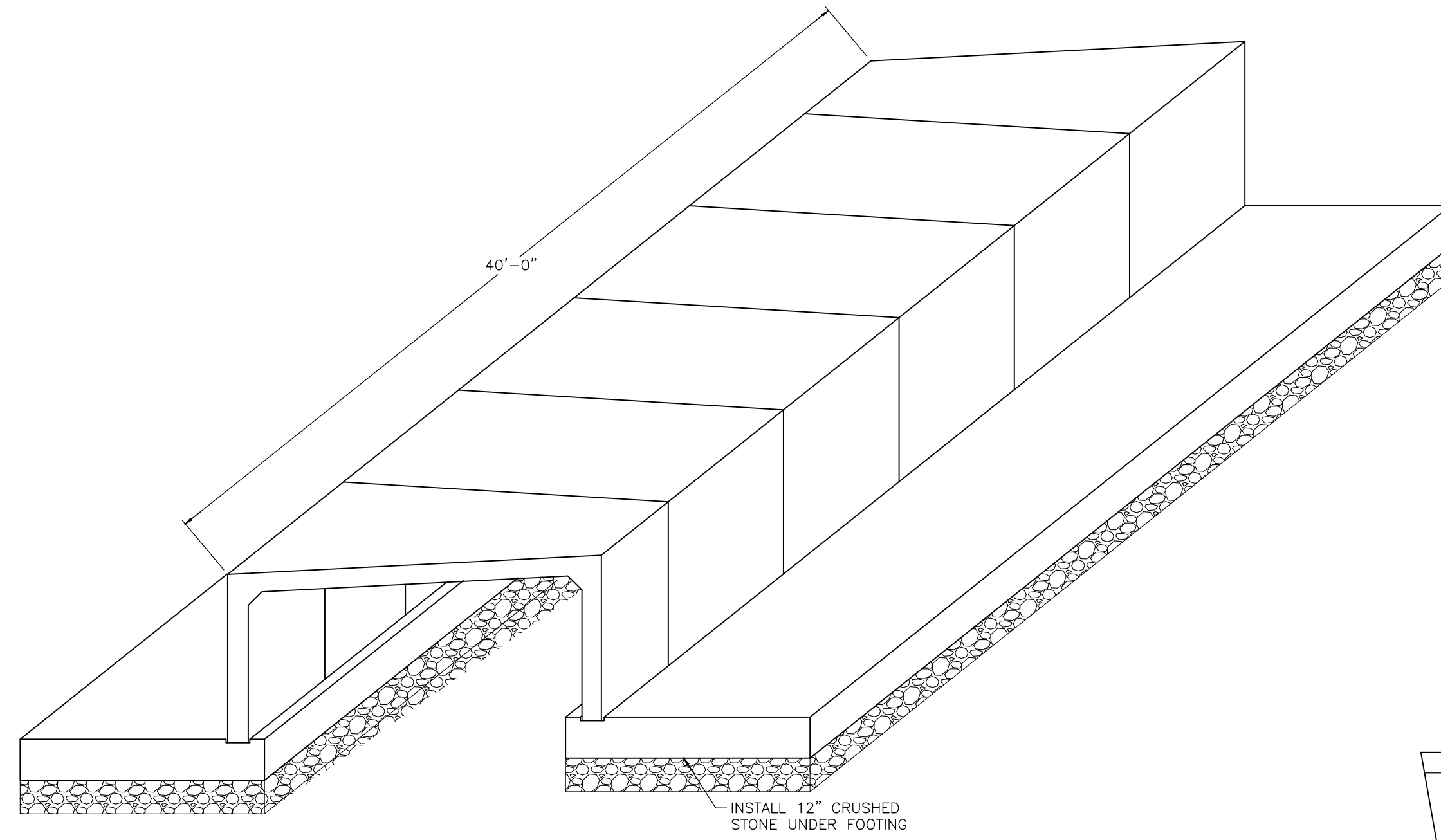
FILE	47175.00	DR	JRW	FB	CK	JJM	CADFILE	Details.dwg	C-65
Civil Engineers		170 Commerce Way, Suite 102		Portsmouth, NH 03801		Phone (603) 431-2222		Fax (603) 431-0910	
Structural Engineers		www.tf Moran.com							
Traffic Engineers									
Land Surveyors									
Landscape Architects									
Scientists									

Sep 10, 2021 - 4:59pm  
F:\MSC Projects\47175 - Oak Street Extension - Exeter\47175.00 - Baker Properties\47175.00 - C:\D\Design\Production Drawings\Open Space\47175-00\_C-62-66\_Details.dwg

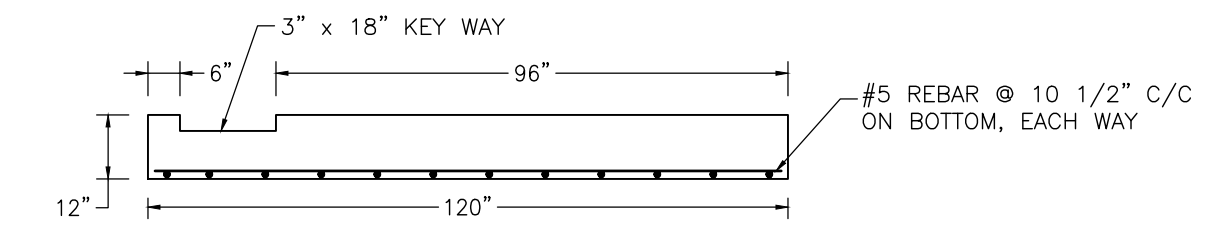






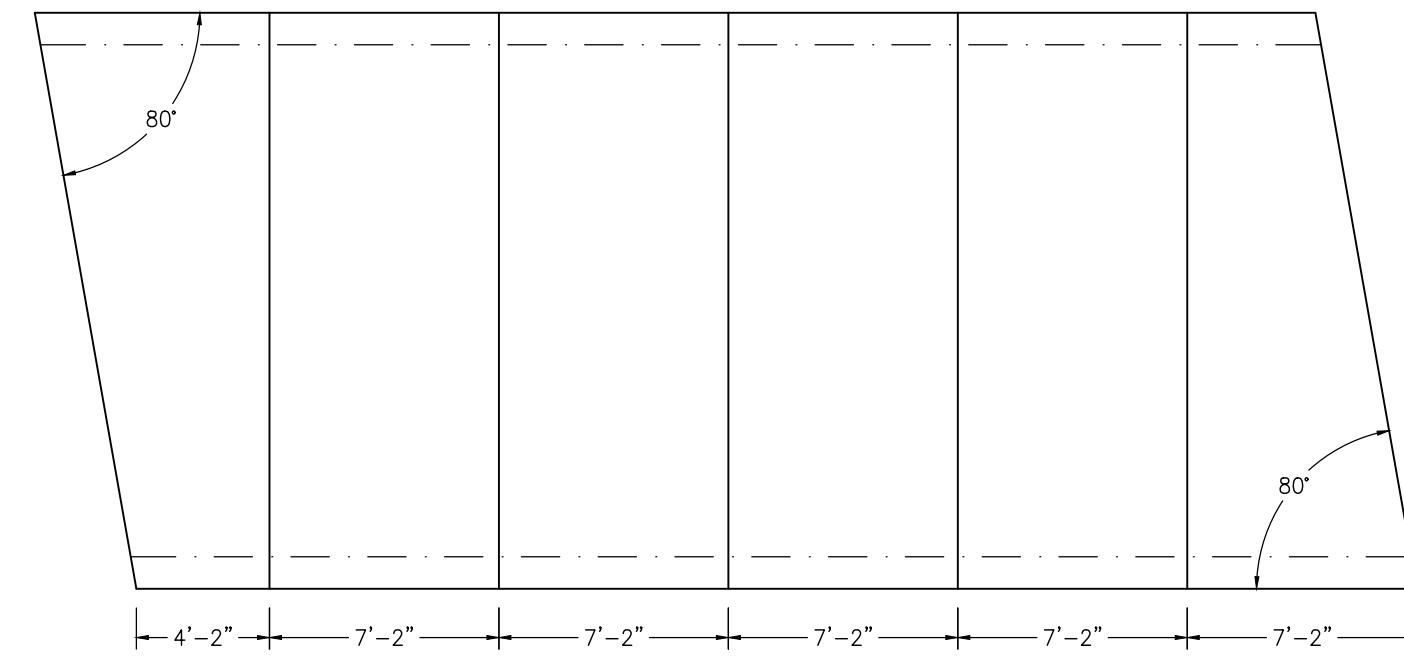


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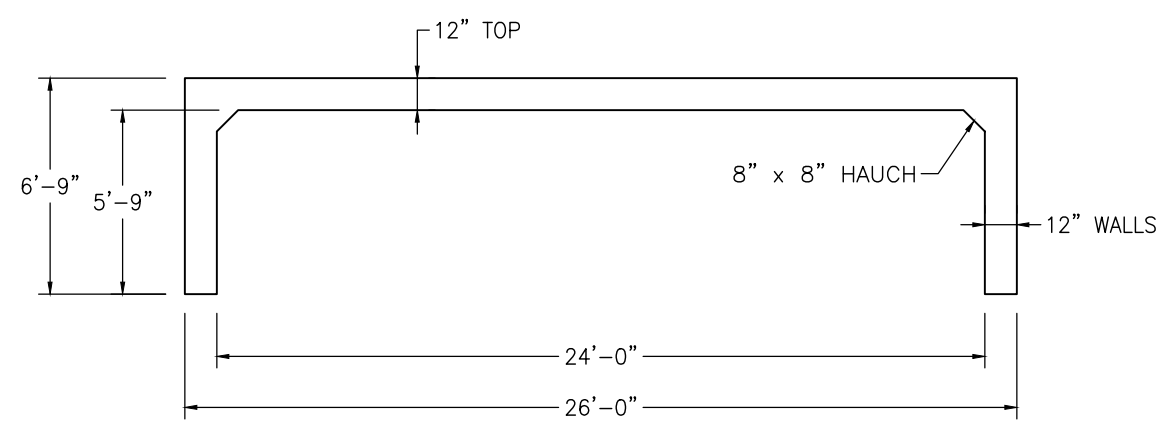
13'-4" LENGTH = 12,000#

INSTALL 12" CRUSHED STONE UNDER FOOTING



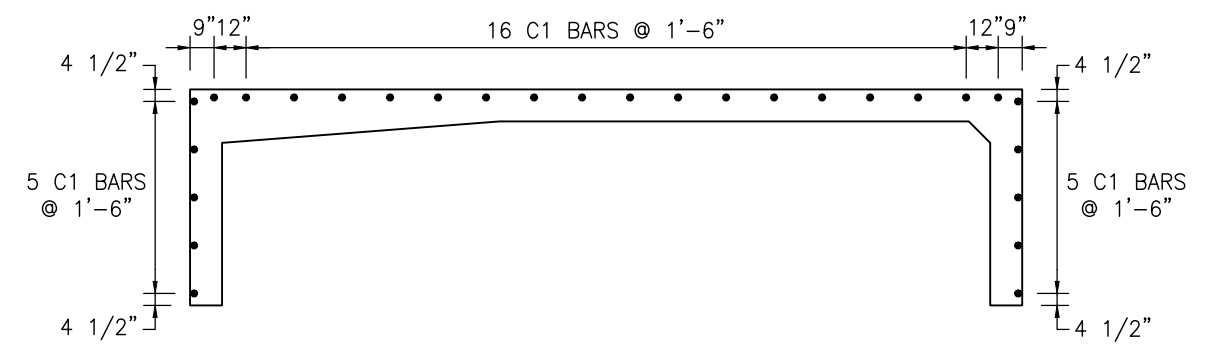
PLAN VIEW

- NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
  2. DESIGN PER ASTM C1433 FOR BOX CULVERTS.
  3. ALL REINFORCEMENT PER ASTM A-615-75.
  4. DESIGNED H-20 LOADING.
  5. FINAL DESIGN TO BE APPROVED BY A REGISTERED NEW HAMPSHIRE STRUCTURAL ENGINEER.

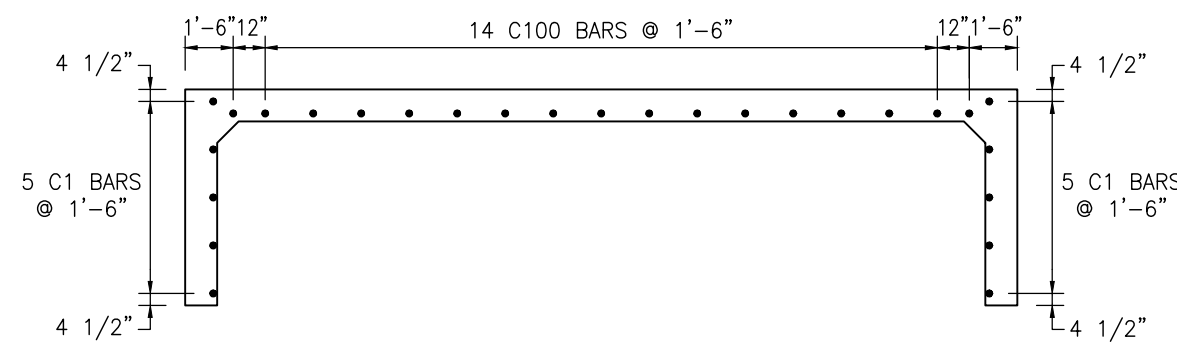


BOX CULVERT DIMENSIONS

ANGLED ENDS - 25,000#  
7'-2" MIDDLES - 31,500#



SECTION EXT. LONGITUDINAL REINFORCING



SECTION INT. LONGITUDINAL REINFORCING

**WETLAND CULVERT CROSSING**  
16' x 5'-9" x 40'  
NOT TO SCALE

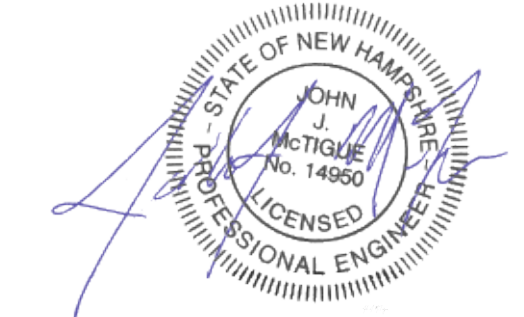
**PLANNING BOARD FILE #17-27**

APPROVED BY THE EXETER PLANNING BOARD

ON \_\_\_\_\_  
CHAIRMAN: \_\_\_\_\_ AND  
SECRETARY: \_\_\_\_\_



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CONTACT DIG SAFE 72 BUSINESS HOURS PRIOR TO CONSTRUCTION



TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**OPEN BOX CULVERT DETAIL**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
OWNED BY  
**EXETER ROSE FARM, LLC & BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
SCALE: NTS  
AUGUST 15, 2017

REV.	DATE	DESCRIPTION	DR	CK
5	07/21/21	UPDATE CULVERT SIZE	JJM	RRC
4	11/26/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JJM
3	11/05/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JJM
2	10/01/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JJM
1	8/31/18	NEW SHEET	ETP	JJM

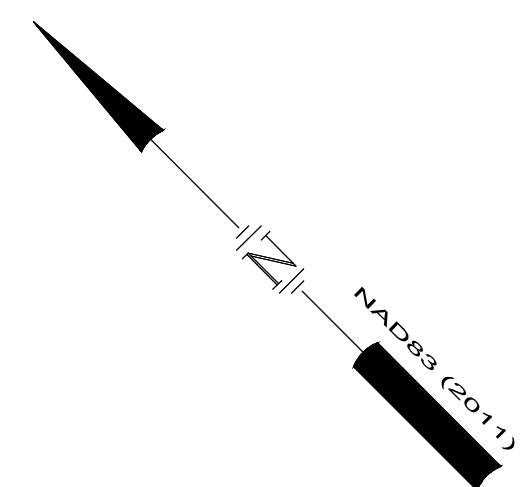


Civil Engineers  
Structural Engineers  
Traffic Engineers  
Land Surveyors  
Landscape Architects  
Scientists  
170 Commerce Way, Suite 102  
Portsmouth, NH 03801  
Phone (603) 431-2222  
Fax (603) 431-0910  
www.tfmoran.com

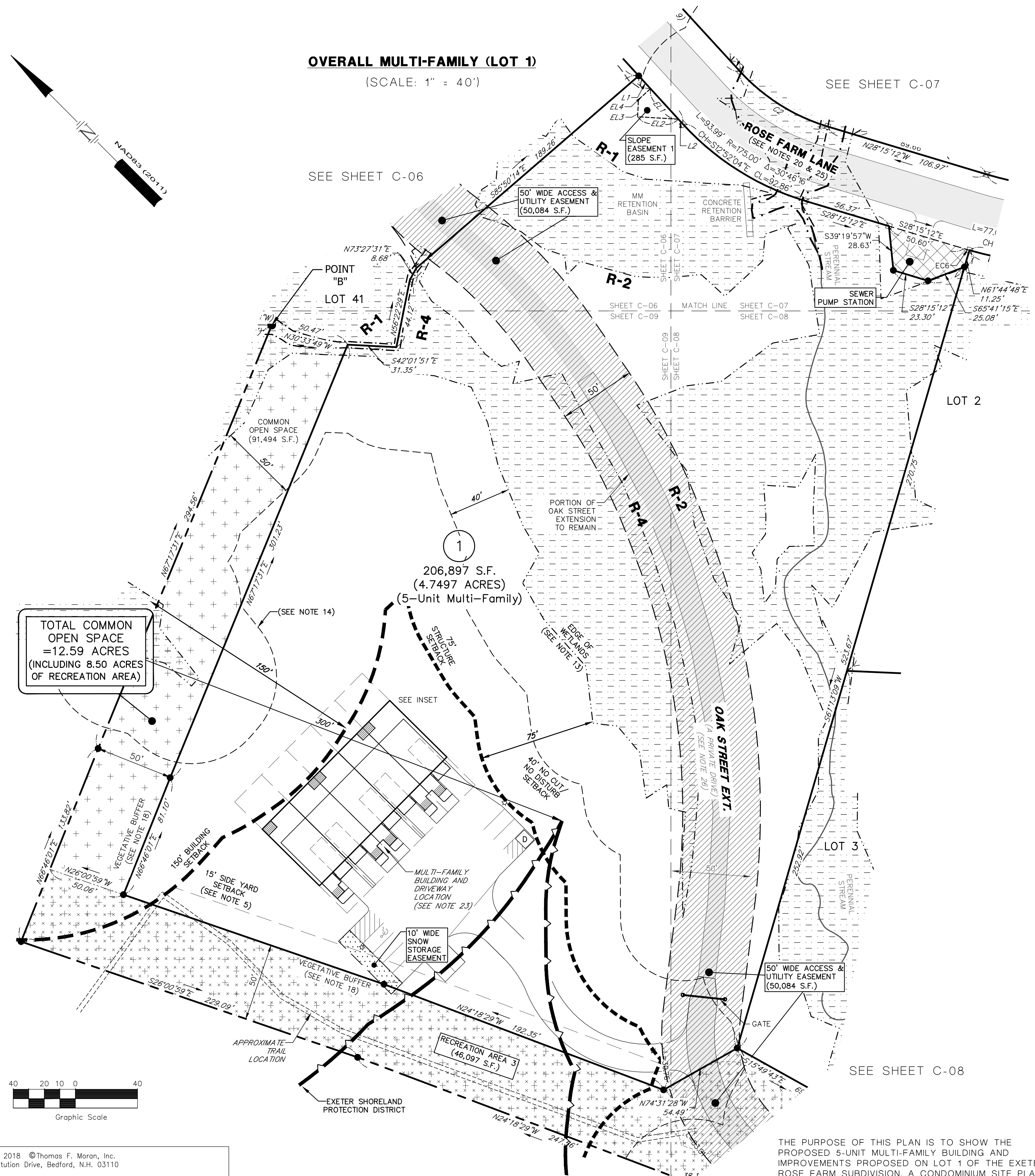
FILE	47175.00	DR	ETP	FB	CK	JJM	CADFILE	47175-00_BoxCulvert.dwg	C-69
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Sep 10, 2021 - 4:59pm F:\MSC Projects\47175 - Oak Street Extension - Exeter\47175-00\_C3D\Design\Production Drawings\Open Space\47175-00\_C-69\_BoxCulvertDetail.dwg



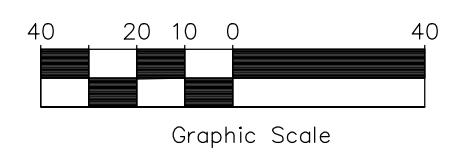


**OVERALL MULTI-FAMILY (LOT 1)**  
(SCALE: 1" = 40')



TOTAL COMMON OPEN SPACE  
= 12.59 ACRES  
(INCLUDING 8.50 ACRES OF RECREATION AREA)

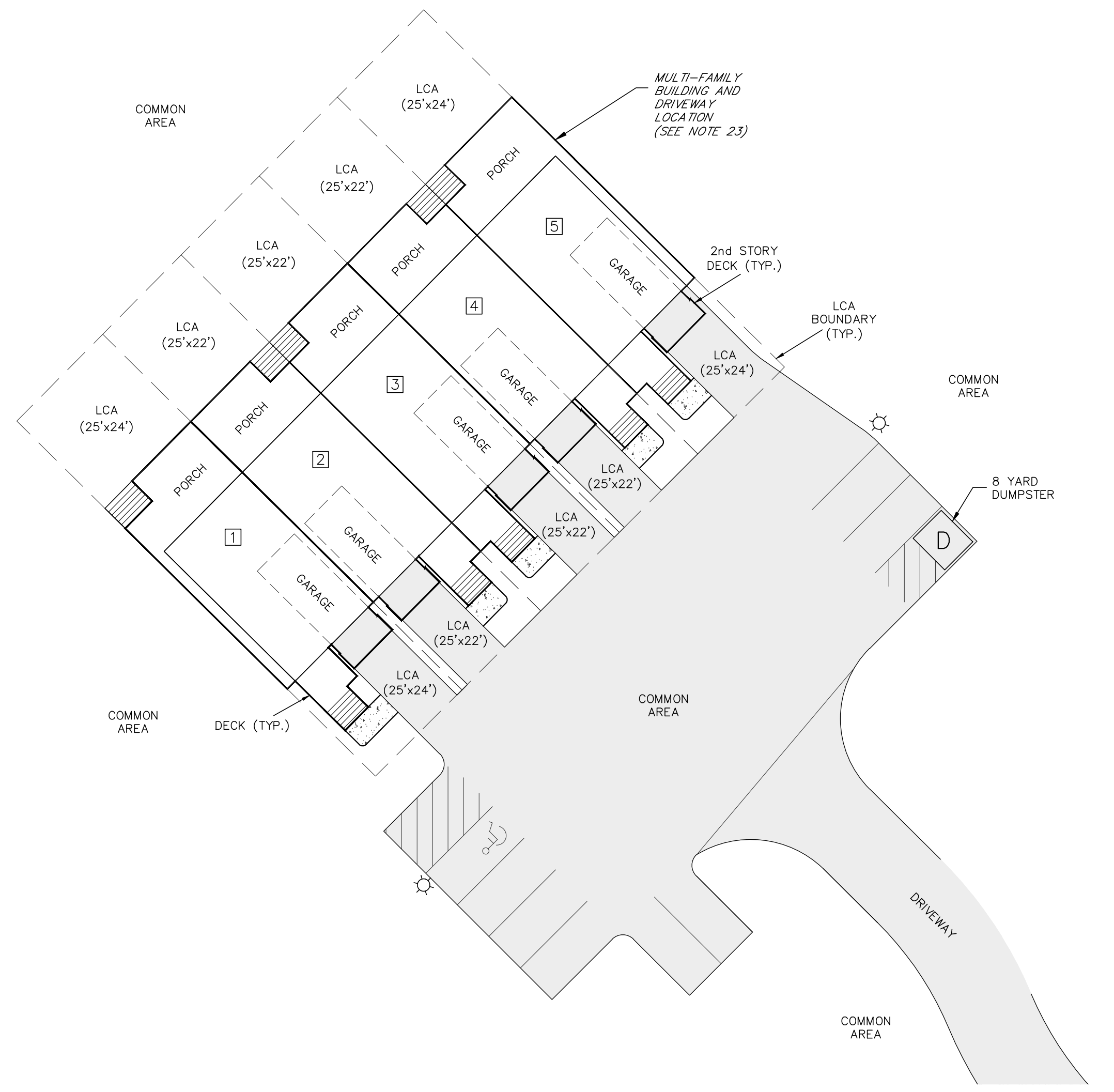
206,897 S.F.  
(4.7497 ACRES)  
(5-Unit Multi-Family)



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THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED 5-UNIT MULTI-FAMILY BUILDING AND IMPROVEMENTS PROPOSED ON LOT 1 OF THE EXETER ROSE FARM SUBDIVISION. A CONDOMINIUM SITE PLAN DEPICTING THE REQUIREMENTS OF RSA 356-B:20 WILL BE RECORDED ONCE CONSTRUCTION IS COMPLETE. \*SEE SHEET C-04 FOR NOTES, LEGEND AND LOCUS. \*\*SEE SHEET C-02 FOR PLAN REFERENCES.

**INSET**  
**LIMITED COMMON AREAS (LCA)**  
(SCALE: 1" = 20')



**PLANNING BOARD CASE #17-27**

TOWN OF EXETER PLANNING BOARD  
CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_

I CERTIFY THAT THIS SURVEY AND PLAN WERE PREPARED BY THOSE UNDER MY DIRECT SUPERVISION AND ARE THE RESULT OF A FIELD SURVEY CONDUCTED BETWEEN JANUARY 2016 AND JULY 2017. THIS SURVEY CONFORMS TO THE ACCURACY REQUIREMENTS OF AN URBAN SURVEY OF THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES OF THE BOARD OF LICENSURE FOR LAND SURVEYORS. I FURTHER CERTIFY THAT THIS SURVEY IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, AND THE FIELD TRAVERSE SURVEY EXCEEDS A PRECISION OF 1:15,000.

LICENSED LAND SURVEYOR 11/26/2018 DATE

REV.	DATE	DESCRIPTION	DR	CK
8	11/26/18	REVISED PER PLANNING BOARD COMMENTS	BMK	JCC
7	11/3/18	ADDED THIS SHEET	BMK	JCC
6	10/1/18	REVISED PER PLANNING BOARD COMMENTS	BMK	JCC
5	8/31/18	REVISED PER TRC COMMENTS	BMK	JCC
4	7/10/18	REVISED PER PLANNING BOARD COMMENTS	BMK	JCC
3	2/20/18	REVISED PER PLANNING BOARD COMMENTS	BMK	JCC
2	10/31/17	REVISED PER DESIGN REVIEW COMMENTS	BMK	JCC
1	9/26/17	REVISED PER TRC COMMENTS	NJM	BMK

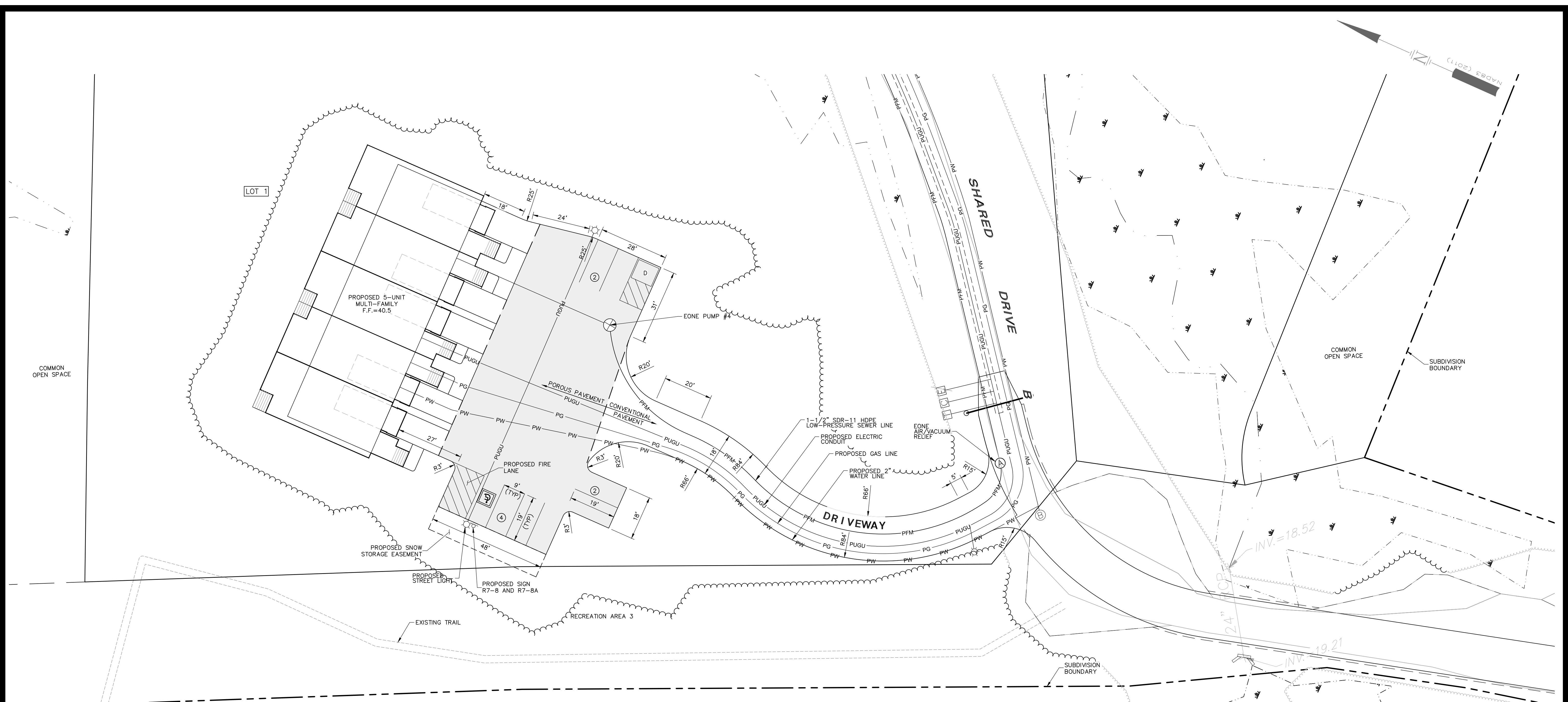
TAX MAP 54 LOTS 5, 6 & 7 & TAX MAP 63 LOT 205  
**MULTI-FAMILY SITE PLAN**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
OWNED BY  
**EXETER ROSE FARM, LLC & THE**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
PREPARED FOR  
**EXETER ROSE FARM, LLC**  
**SCALE: AS NOTED** **AUGUST 15, 2017**

**TFM** **MSC**  
Civil Engineers  
Structural Engineers  
Traffic Engineers  
Land Surveyors  
Landscape Architects  
Scientists  
170 Commerce Way, Suite 102  
Portsmouth, NH 03801  
Phone (603) 431-2222  
Fax (603) 431-0910  
www.msceengineers.com

FILE 47175.00 DR BMK FB 531 & 539  
CK JCC CADFILE 47175.00\_MFSP C-70

Sep 03, 2021 - 1:37pm F:\MSC Projects\47175 - Oak Street Extension - Exeter\Drawings\OPEN SPACE\47175-00\_C070\_Multi-Family Site Plan.dwg

Sep 10, 2021 - 5:00pm  
 F:\MSC\Projects\47175 - Oak Street Extension - Exeter\47175-00 - Baker Properties\Open Space\47175-00\_C-70\_MultifamilyDriveway.dwg



**PLANNING BOARD FILE #17-27**

**APPROVED BY THE EXETER PLANNING BOARD**

ON \_\_\_\_\_ AND  
 CHAIRMAN: \_\_\_\_\_ AND  
 SECRETARY: \_\_\_\_\_

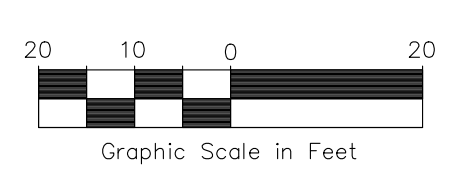
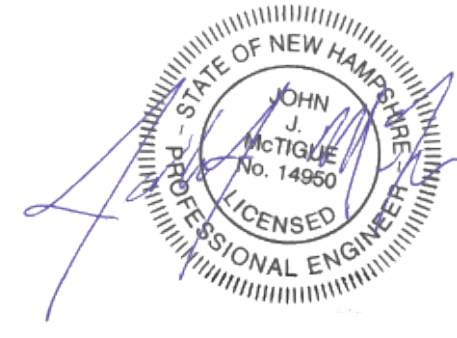
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CONTACT DIG SAFE 72 BUSINESS HOURS PRIOR TO CONSTRUCTION

LEGEND	
②	PROPOSED PARKING COUNT
D	PROPOSED DUMPSTER
(TYP)	TYPICAL
F.F.	PROPOSED FINISHED FLOOR ELEVATION
⊗	PROPOSED E-ONE LOW PRESSURE SEWER PUMP (1-SERIES)
⊕	PROPOSED E-ONE FORCE MAIN AIR/VACUUM VALVE
☆	PROPOSED STREET LIGHT
⊖	PROPOSED BLOW OFF VALVE
□	PROPOSED TRANSFORMER PAD
□	PROPOSED COMMUNICATION PEDESTAL
□	PROPOSED ELECTRIC, TELEPHONE AND CABLE PEDESTAL
— PUGU — PUGU —	PROPOSED UNDERGROUND ELECTRIC & COMMUNICATIONS LINE
— — — — —	PROPOSED UNDERGROUND UTILITY TRENCH
— PG — PG —	PROPOSED GAS LINE
— PFM — PFM —	PROPOSED FORCE MAIN LINE
— PW — PW —	PROPOSED WATER LINE
— — — — —	PROPERTY LINE
— — — — —	SUBDIVISION BOUNDARY
— — — — —	PROPOSED EASEMENT LINE
— — — — —	EXISTING CONTOUR
— — — — —	PROPOSED CONTOUR

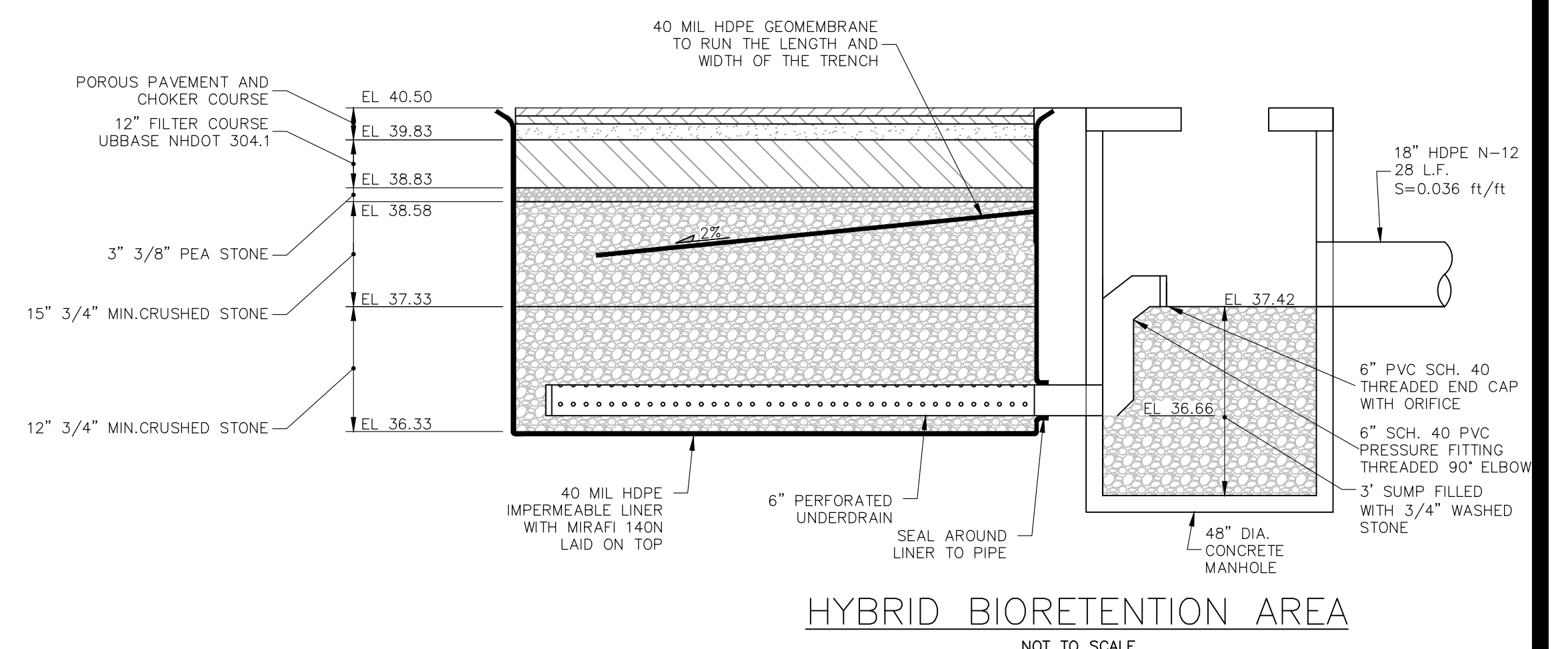
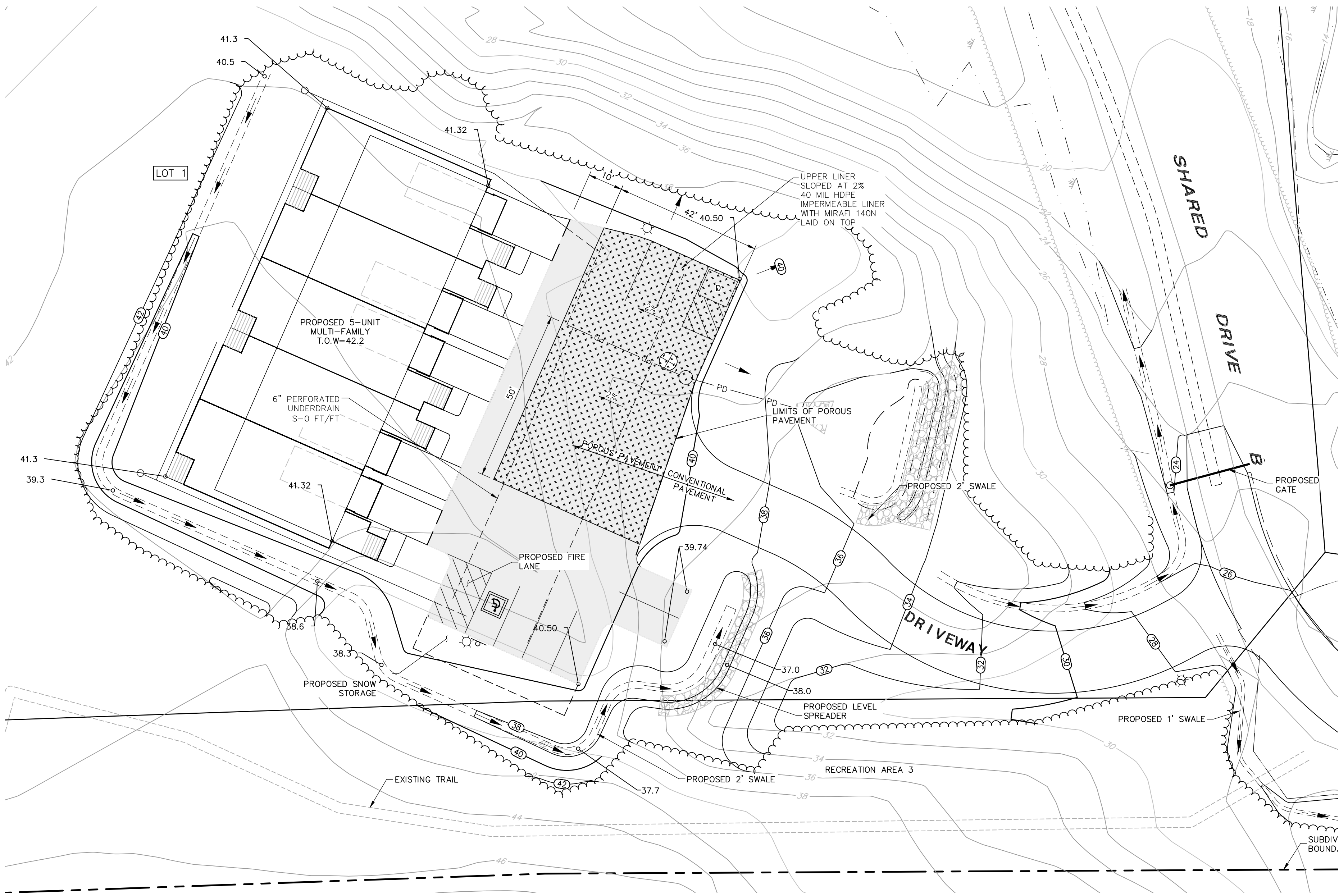
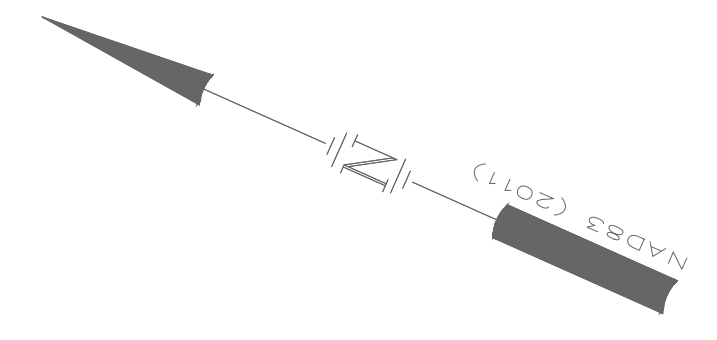
SIGN LEGEND		
ID	SIGN	NO./SIZE/COLOR
A		R7-8 12" x 18" GREEN LETTERS, BORDER & ARROWS, WHITE BACKGROUND & BLUE LOGO
B		R7-8A 12" x 6" GREEN LETTERS AND BORDER & WHITE BACKGROUND



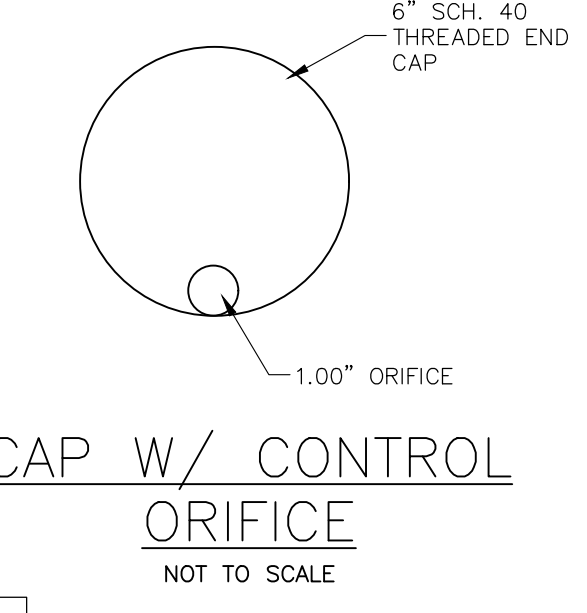
REV.	DATE	DESCRIPTION	DR	CK
2	03/09/21	UPDATE PLAN BASED ON DRIVEWAY	JJM	
1	11/05/18	NEW SHEET	ETP	JJM

TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**MULTIFAMILY DRIVEWAY & PARKING LOT PLAN**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
 OWNED BY  
**EXETER ROSE FARM, LLC & BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
 SCALE: 1"=20'  
 1"=40' AUGUST 15, 2017

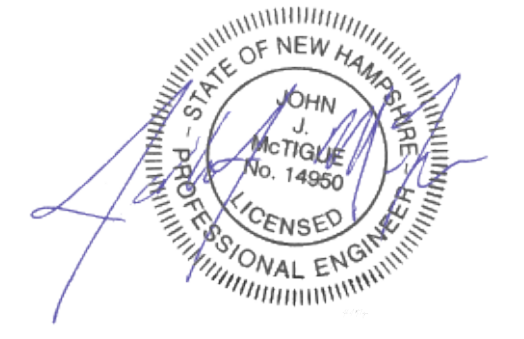
 	Civil Engineers Structural Engineers Traffic Engineers Land Surveyors Landscape Architects Scientists	170 Commerce Way, Suite 102 Portsmouth, NH 03801 Phone (603) 431-2222 Fax (603) 431-0910 www.tfmoran.com
	47175.00 DR ETP FB CK JJM CADFILE	47175-00_MFDriveway.dwg C-71A



**HYBRID BIORETENTION AREA**  
NOT TO SCALE



**CAP W/ CONTROL ORIFICE**  
NOT TO SCALE



**LEGEND**

(2)	PROPOSED PARKING COUNT	— PUGU — PUGU —	PROPOSED UNDERGROUND ELECTRIC & COMMUNICATIONS LINE
(D)	PROPOSED DUMPSTER	-----	PROPOSED UNDERGROUND UTILITY TRENCH
(TYP)	TYPICAL	PG PG	PROPOSED GAS LINE
F.F.	PROPOSED FINISHED FLOOR ELEVATION	PFM PFM	PROPOSED FORCE MAIN LINE
(X)	PROPOSED E-ONE LOW PRESSURE SEWER PUMP (I-SERIES)	PW PW	PROPOSED WATER LINE
(A)	PROPOSED E-ONE FORCE MAIN AIR/VACUUM VALVE	-----	PROPERTY LINE
(*)	PROPOSED STREET LIGHT	-----	SUBDIVISION BOUNDARY
(S)	PROPOSED SIGN	-----	PROPOSED EASEMENT LINE
(B)	PROPOSED BLOW OFF VALVE	-----	EXISTING CONTOUR
(T)	PROPOSED TRANSFORMER PAD	-----	PROPOSED CONTOUR
(C)	PROPOSED COMMUNICATION PEDESTAL	-----	
(E)	PROPOSED ELECTRIC, TELEPHONE AND CABLE PEDESTAL	(24)	
(H)	PROPOSED HANDICAP PARKING SPACE	[Pattern]	PROPOSED POROUS PAVEMENT
		[Pattern]	PROPOSED RIP RAP

**SIGN LEGEND**

ID	SIGN	NO./SIZE/COLOR
A	[Reserved Parking Sign]	R7-8 12" x 18" GREEN LETTERS, BORDER & ARROWS, WHITE BACKGROUND & BLUE LOGO
B	[Van Accessible Sign]	R7-8A 12" x 6" GREEN LETTERS AND BORDER & WHITE BACKGROUND

REV.	DATE	DESCRIPTION	DR	CK
4	08/31/21	REVISED PER AOT COMMENTS	JJM	
3	02/09/21	REVISED PER AOT SUBMITTAL	JJM	
2	11/26/18	REVISED PER PLANNING BOARD COMMENTS	ETP	JJM
1	11/05/18	NEW SHEET	ETP	JJM

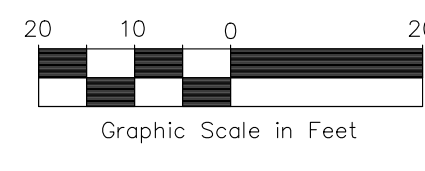
**PLANNING BOARD FILE #17-27**

**APPROVED BY THE EXETER PLANNING BOARD**

ON \_\_\_\_\_ AND  
CHAIRMAN: \_\_\_\_\_ SECRETARY: \_\_\_\_\_



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CONTACT DIG SAFE 72 BUSINESS HOURS PRIOR TO CONSTRUCTION



TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**MULTIFAMILY DRIVEWAY & PARKING LOT PLAN**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
OWNED BY  
**EXETER ROSE FARM, LLC & BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
SCALE: 1"=20'  
1"=40'  
AUGUST 15, 2017

<b>TFM</b>	<b>MSC</b> A Division of TFMoran, Inc.	Civil Engineers	170 Commerce Way, Suite 102
		Structural Engineers	Portsmouth, NH 03801
		Traffic Engineers	Phone (603) 431-2222
		Land Surveyors	Fax (603) 431-0910
		Landscape Architects	www.tfmoran.com
		Scientists	

Sep.10.2021 - 5:01pm  
 F:\MSC\Projects\47175 - Oak Street Extension - Exeter\47175-00 - Baker Properties\47175-00\_C3D\Design\Production Drawings\Open Space\47175-00\_C71\_MultifamilyDriveway.dwg

ROSE FARM LANE

**L-1 LEGEND**

* 1	BIRD HOUSE
* 2	BAT BOX
* 3	FOUND STONE SEATING
	EXISTING EDGE OF WOODS
	EDGE OF POND
	PROPERTY LINE

- NOTES:**
- SEE L-2, L-3 & L-4 FOR ADDITIONAL INFORMATION AND DETAILS.
  - THIS PLAN IS NOT A CONSTRUCTION DOCUMENT. AS SUCH THE LOCATION OF ELEMENTS SUCH AS WALKWAYS, STRUCTURES AND PLANTINGS MAY MOVE.

**PLANT LIST**

DECIDUOUS TREES:

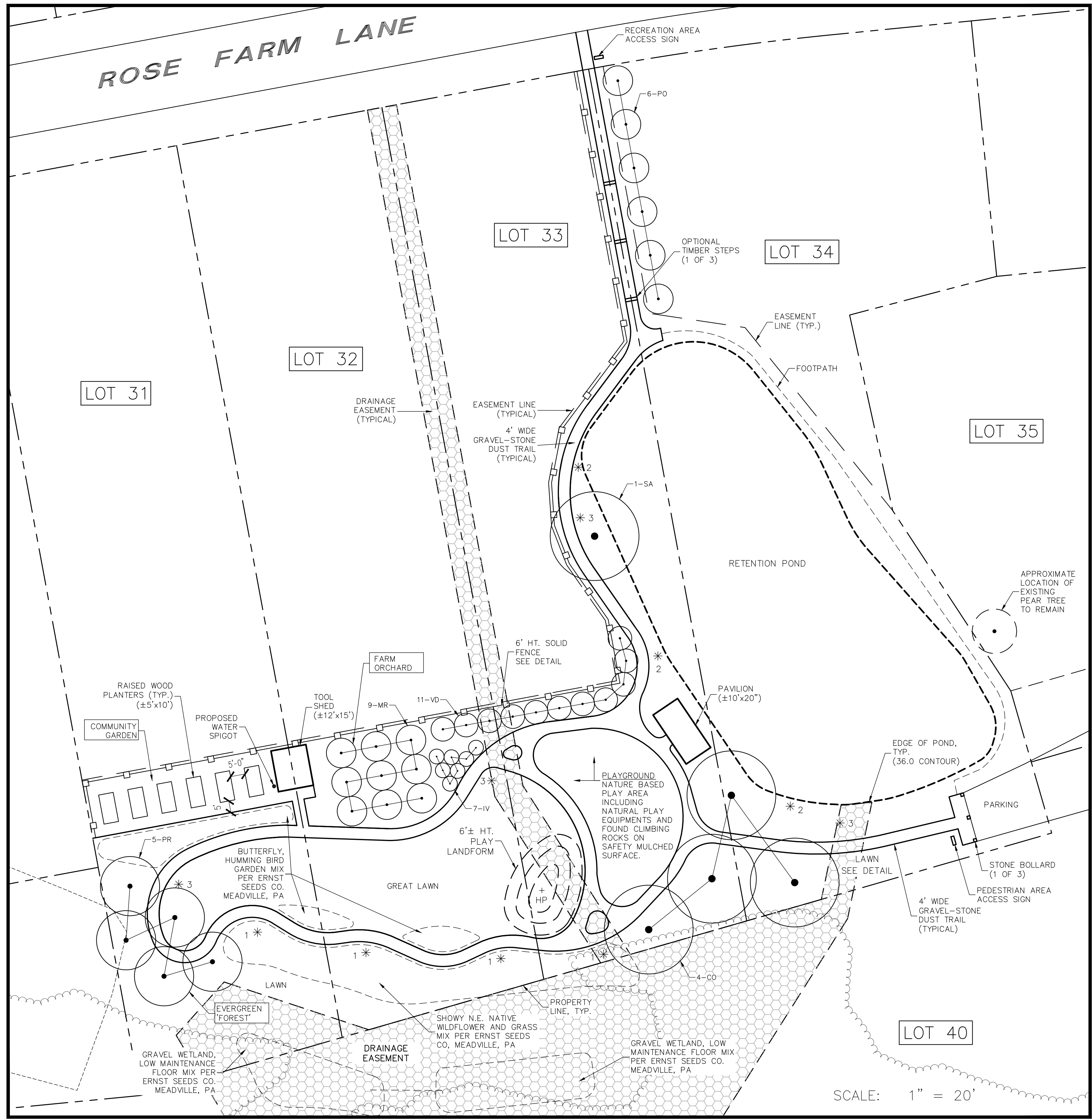
KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
CO	4	CARYA OVATA SHAGBARK HICKORY	3" CAL.	B&B EDIBLE NUTS, NATIVE
MR	9	MALUS 'RED JEWEL' RED JEWEL CRABAPPLE	3" CAL.	B&B MASSES OF BRIGHT RED FRUIT
SA	1	SALIX ALBA 'TRISTIS' GOLDEN WEEPING WILLOW	3" CAL.	B&B, PICTURESQUE, CLASSIC POND TREE

EVERGREEN TREES:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
PO	6	PICEA 'OMORIKA' 'PENDULA' WEEPING SERBIAN SPRUCE	6' HT	B&B MAGNIFICENT SPECIMEN
PR	5	PINUS RESINOSA RED PINE	6' HT	B&B SEEDS EATEN BY SQUIRRELS AND BIRDS, NATIVE

DECIDUOUS SHRUBS:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
IV	7	ILEX VERTICILLATA 'MARYLAND BEAUTY' MARYLAND BEAUTY WINTERBERRY	3' HT	B&B DARK RED BERRIES, HEAVY FRUIT SET, IMPROVED NATIVE
VD	11	VIBURNUM DENTATUM ARROWWOOD VIBURNUM	4' HT	B&B BLUE FRUIT IMPROVED NATIVE



**PLANNING BOARD FILE #17-27**

APPROVED BY THE EXETER PLANNING BOARD  
 ON \_\_\_\_\_  
 CHAIRMAN: \_\_\_\_\_ AND  
 SECRETARY: \_\_\_\_\_



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TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**LANDSCAPE PLANTING PLAN #1**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
 OWNED BY  
**EXETER ROSE FARM, LLC &**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
 SCALE: 1"=20' (22X34)  
 1"=40' (11X17) OCTOBER 1, 2018



Civil Engineers  
 Structural Engineers  
 Traffic Engineers  
 Land Surveyors  
 Landscape Architects  
 Scientists  
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REV.	DATE	DESCRIPTION	DR	CK
2	11/26/18	REVISED PER PLANNING BOARD COMMENTS	BMK	JCC
1	11/05/18	NO REVISIONS THIS SHEET	BMK	JCC

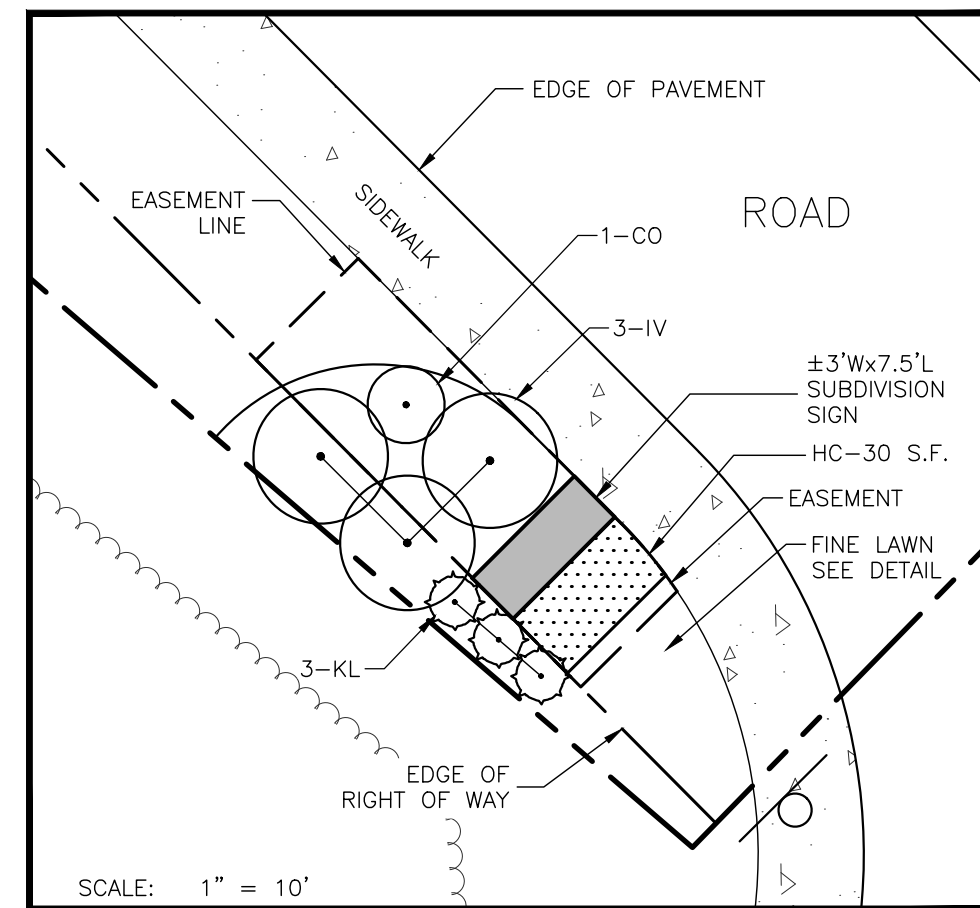
FILE	47175.00	DR	BMK	FB					
		CK	JCC	CADFILE					L-1

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**RECREATION AREA 2**

SCALE: 1" = 20'

### SITE ENTRY SIGN LANDSCAPE



L-2 LEGEND	
* 1	BIRD HOUSE
* 2	BAT BOX
* 3	FOUND STONE SEATING
(Wavy line)	EXISTING EDGE OF WOODS
(Dashed wavy line)	PROPOSED EDGE OF WOODS
(Dashed line)	PROPERTY LINE

### NOTES:

- SEE L-1, L-3 & L-4 FOR ADDITIONAL INFORMATION AND DETAILS.

### PLANT LIST

#### DECIDUOUS TREES:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
BN	3	BETULA NIGRA HERITAGE HERITAGE RIVER BIRCH	3" CAL.	B&B FULL, BUSHY & SYMMETRICAL SINGLE STRAIGHT TRUNK, NATIVE

#### EVERGREEN SHRUBS:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
CO	1	CHAMAECYPARIS OBTUSA 'GOLDEN WORL' GOLDEN WORL HINOKI FALSECYPRESS	24" HT.	B&B FOCAL POINT PLANT
JV	6	JUNIPERUS VIRGIANA MANHATTAN BLUE MANHATTAN BLUE EASTERN RED CEDAR	6' HT.	B&B WOODLAND PLANT, IMPROVED NATIVE
KL	3	KALMIA LATIFOLIA 'OLYMPIC FIRE' OLYMPIC FIRE MOUNTAIN LAUREL	24" HT.	B&B WOODLAND PLANT, IMPROVED NATIVE

#### DECIDUOUS PLANTS:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
IV	3	ILEX VERTICILLATA 'WINTER RED' WINTER RED WINTERBERRY	3' HT.	B&B EXCELLENT FOR BIRDS, IMPROVED NATIVE (INCLUDE ONE MALE)

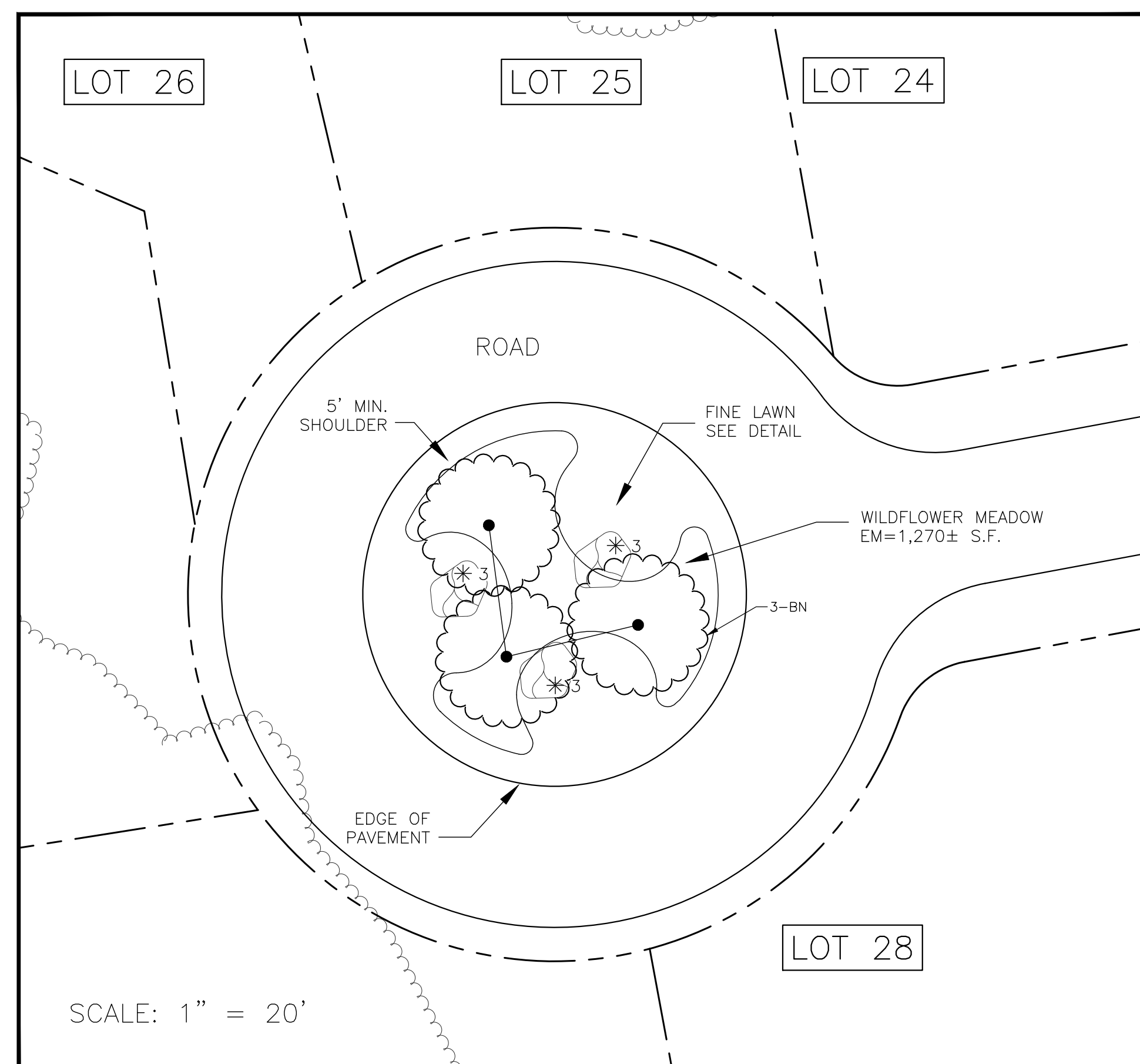
#### ORNAMENTAL GRASSES & GROUND COVER:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
EM	1,930± SF	ERNMIX-153 NATIVE WILDFLOWER AND GRASS MIX PER ERNSTSEED COMPANY	3' HT.	POLLINATOR MEADOW FOR BEES, HUMMING BIRDS AND BUTTERFLIES

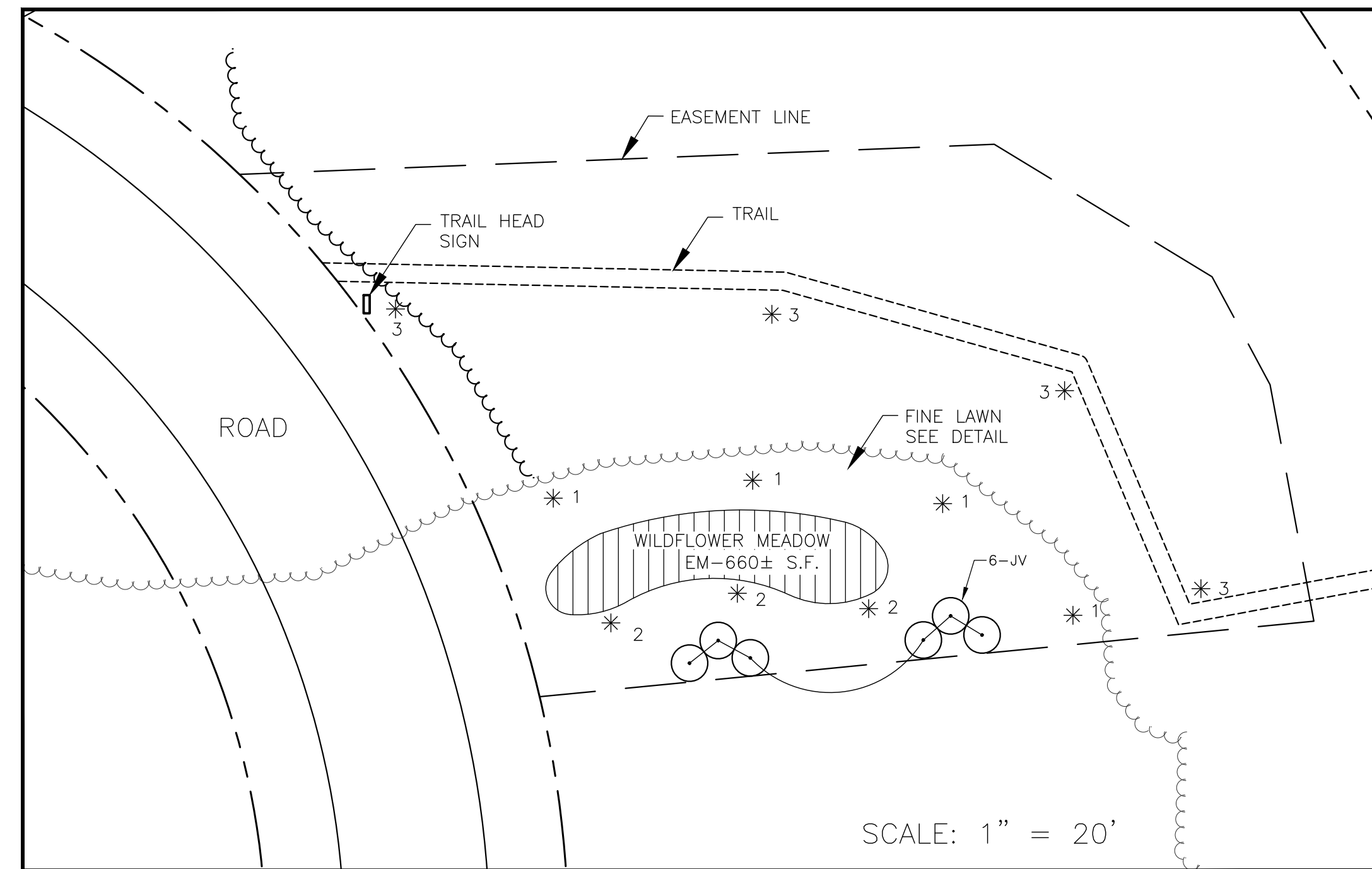
#### PERENNIAL PLANTS:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
HC	40 SF	HEMEROCALLIS 'STELLA D'ORO' STELLA D'ORO DAYLILY	9" HT.	FULL & BUSHY PLANT 18" ON CENTER, STAGGERED ROWS

### CUL-DE-SAC LANDSCAPE



### RECREATION AREA 4 LANDSCAPE



### PLANNING BOARD FILE #17-27

APPROVED BY THE EXETER PLANNING BOARD

ON \_\_\_\_\_ AND  
CHAIRMAN: \_\_\_\_\_  
SECRETARY: \_\_\_\_\_

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TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**LANDSCAPE PLANTING PLAN #2**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
OWNED BY  
**EXETER ROSE FARM, LLC &**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUSTS**  
SCALE: AS NOTED  
**OCTOBER 1, 2018**

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1	11/05/18	NO REVISIONS THIS SHEET	BMK	JCC



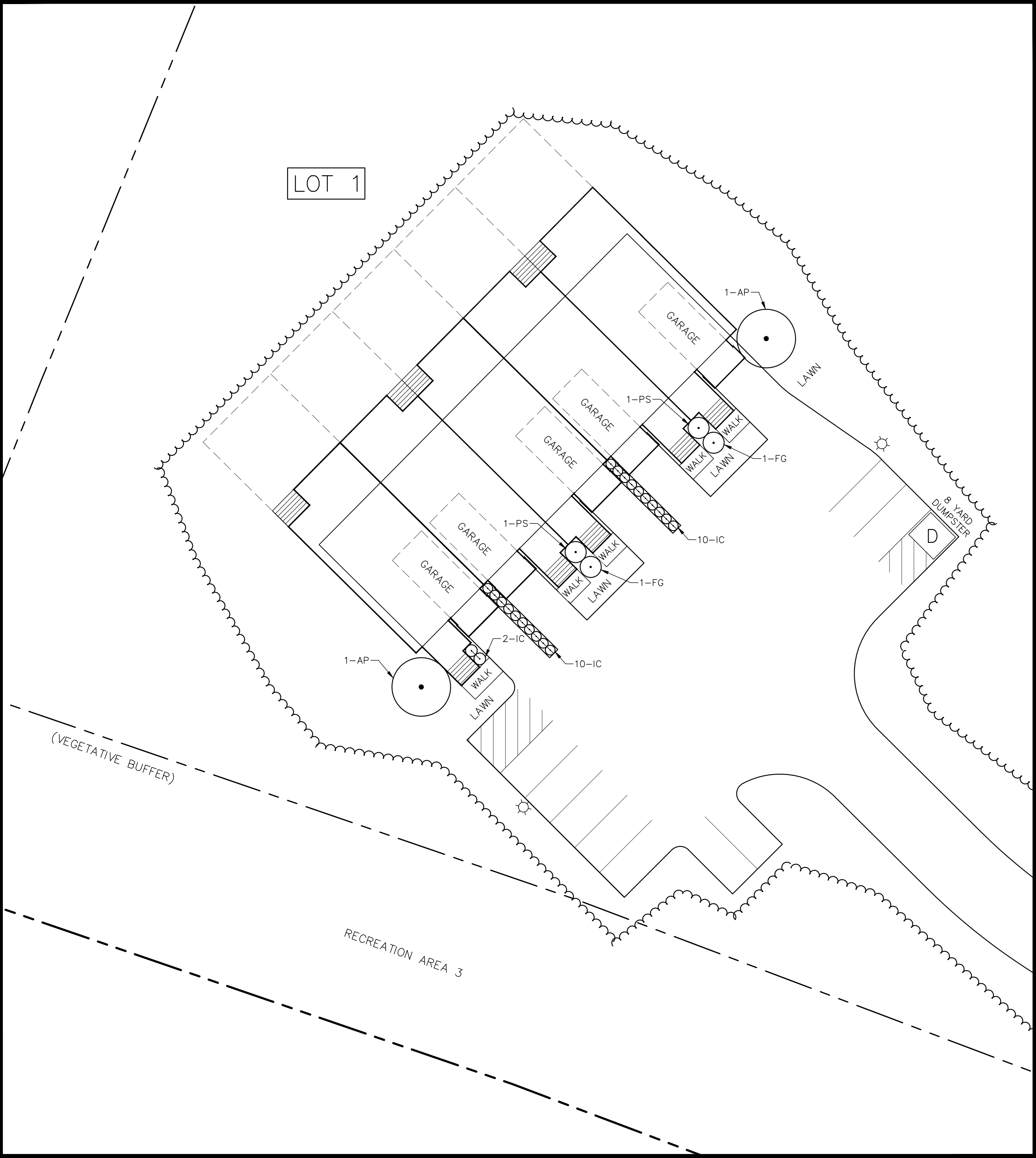
Civil Engineers  
Structural Engineers  
Traffic Engineers  
Land Surveyors  
Landscape Architects  
Scientists

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		CK	JCC	CADFILE					L-2

L-3 LEGEND	
	PROPOSED EDGE OF WOODS
	PROPERTY LINE
	LIGHT POLE

- NOTES:**
- SEE L-1, L-2 & L-4 FOR ADDITIONAL INFORMATION AND DETAILS.
  - THIS PLAN IS NOT A CONSTRUCTION DOCUMENT. AS SUCH THE LOCATION OF ELEMENTS SUCH AS WALKWAYS, STRUCTURES AND PLANTINGS MAY MOVE.



**PLANT LIST**

DECIDUOUS TREES:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
AP	2	ACER PALMATUM 'BLOODGOOD' BLOODGOOD JAPANESE MAPLE	8' HT.	B&B FULL & BUSHY, SYMMETRICAL GROWN

DECIDUOUS SHRUBS:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
FG	2	FOTHERGILLA GARDENII DWARF FOTHERGILLA	24" HT	B&B FULL & BUSHY

EVERGREEN SHRUBS:

KEY	QTY/S.F.	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
IC	22	ILEX CRENATA 'HETZLI' HETZLI JAPANESE HOLLY	18" HT	B&B FULL & BUSHY CONTAINER
PS	2	PINUS SYLVESTRIS 'BONNA' BONNA SCOTCH PINE	5' HT	B&B FULL & BUSHY

PLANNING BOARD FILE #17-27

APPROVED BY THE EXETER PLANNING BOARD

ON \_\_\_\_\_

CHAIRMAN: \_\_\_\_\_ AND \_\_\_\_\_

SECRETARY: \_\_\_\_\_



TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**LANDSCAPE PLANTING PLAN #3**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
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**TFM** **MSC**  
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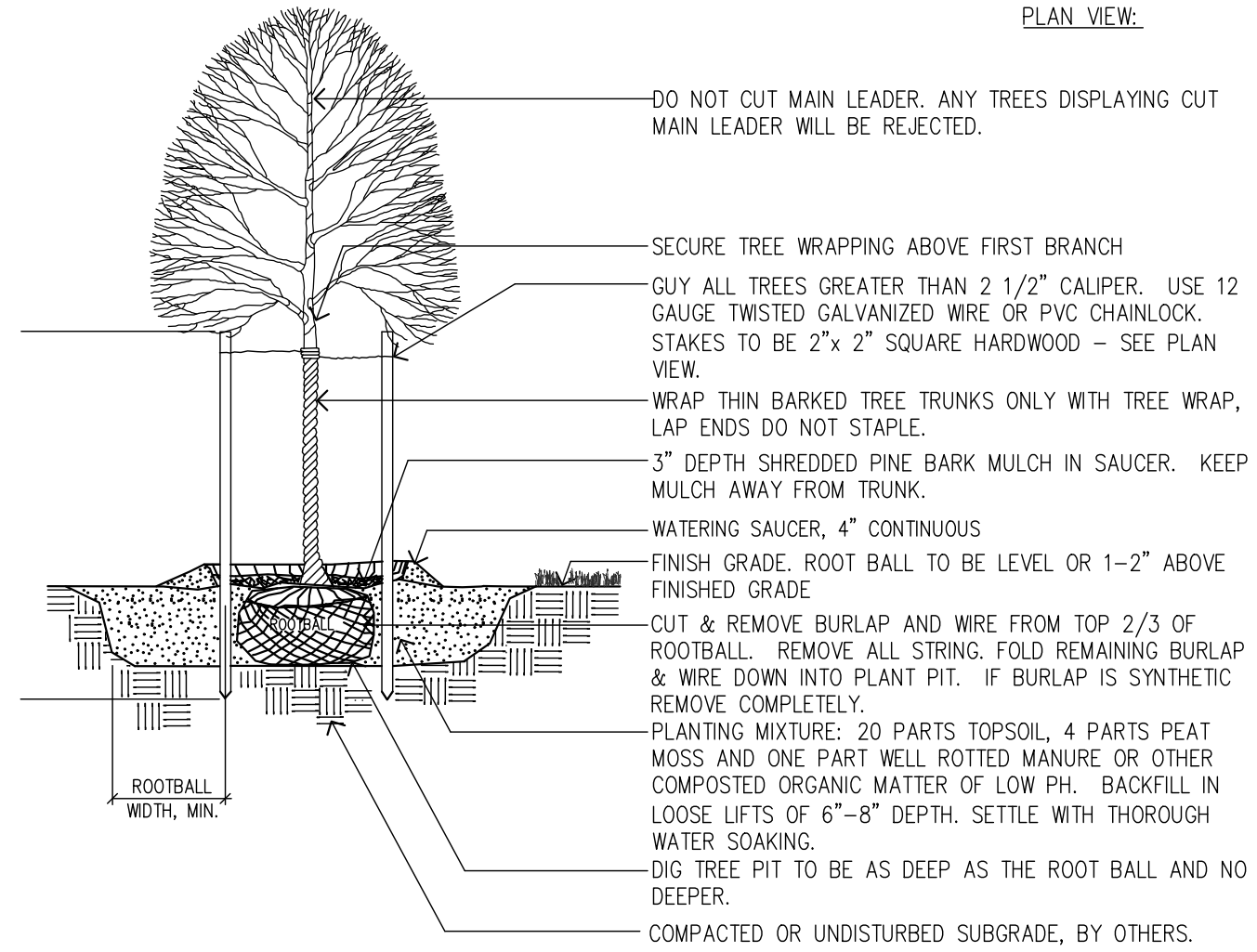
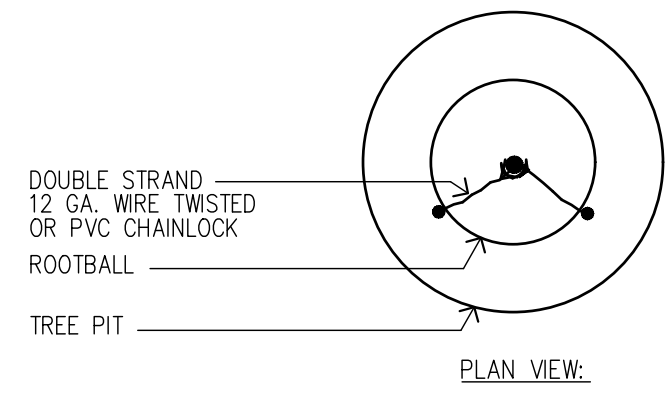
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		CK	JCC	CADFILE		

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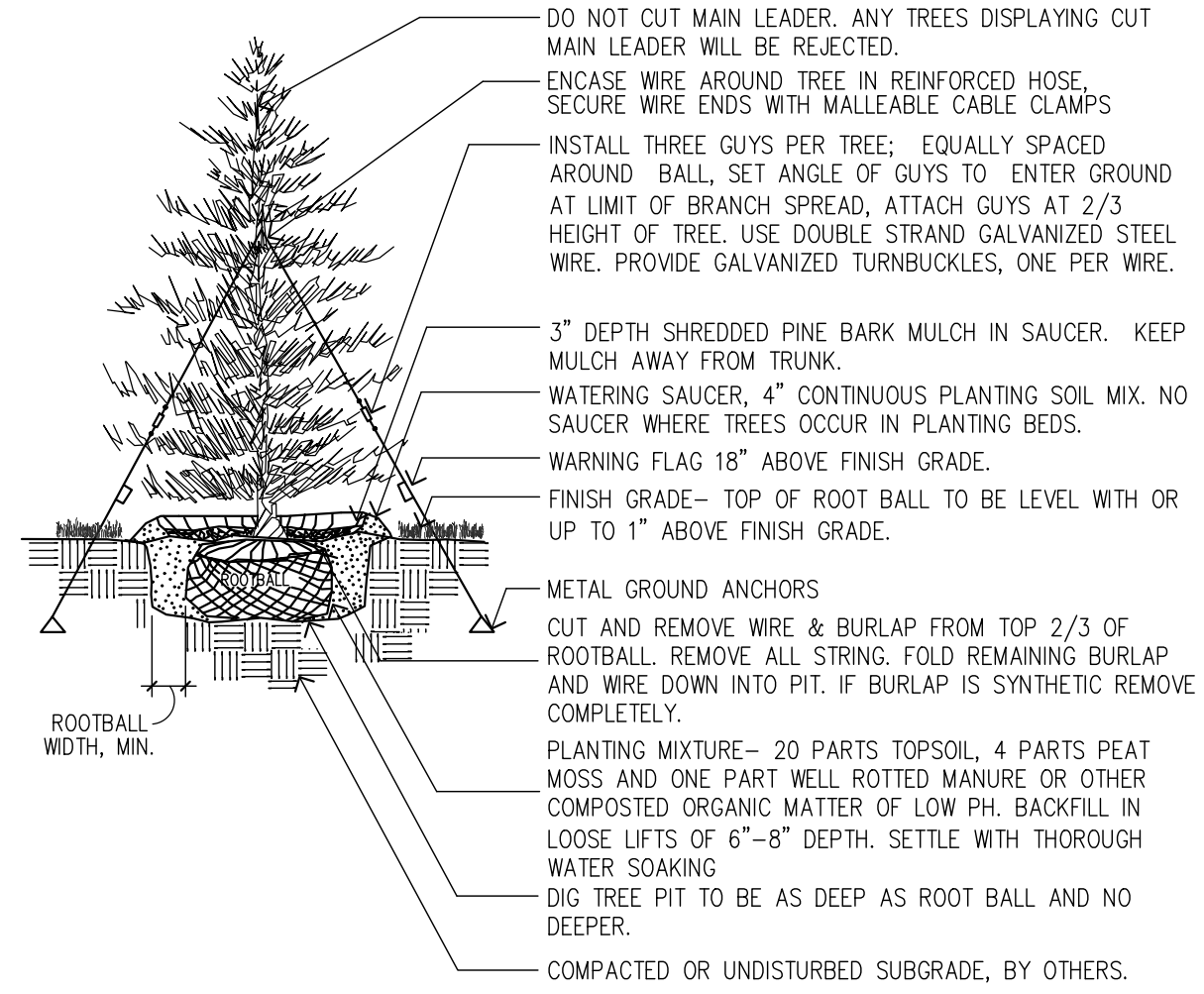
NOTE:

1. PROVIDE ALL DECIDUOUS TREES WITH "IRREGATOR" 20 GALLON IRRIGATION BAGS.



**DECIDUOUS TREE PLANTING AND STAKING**

NOT TO SCALE

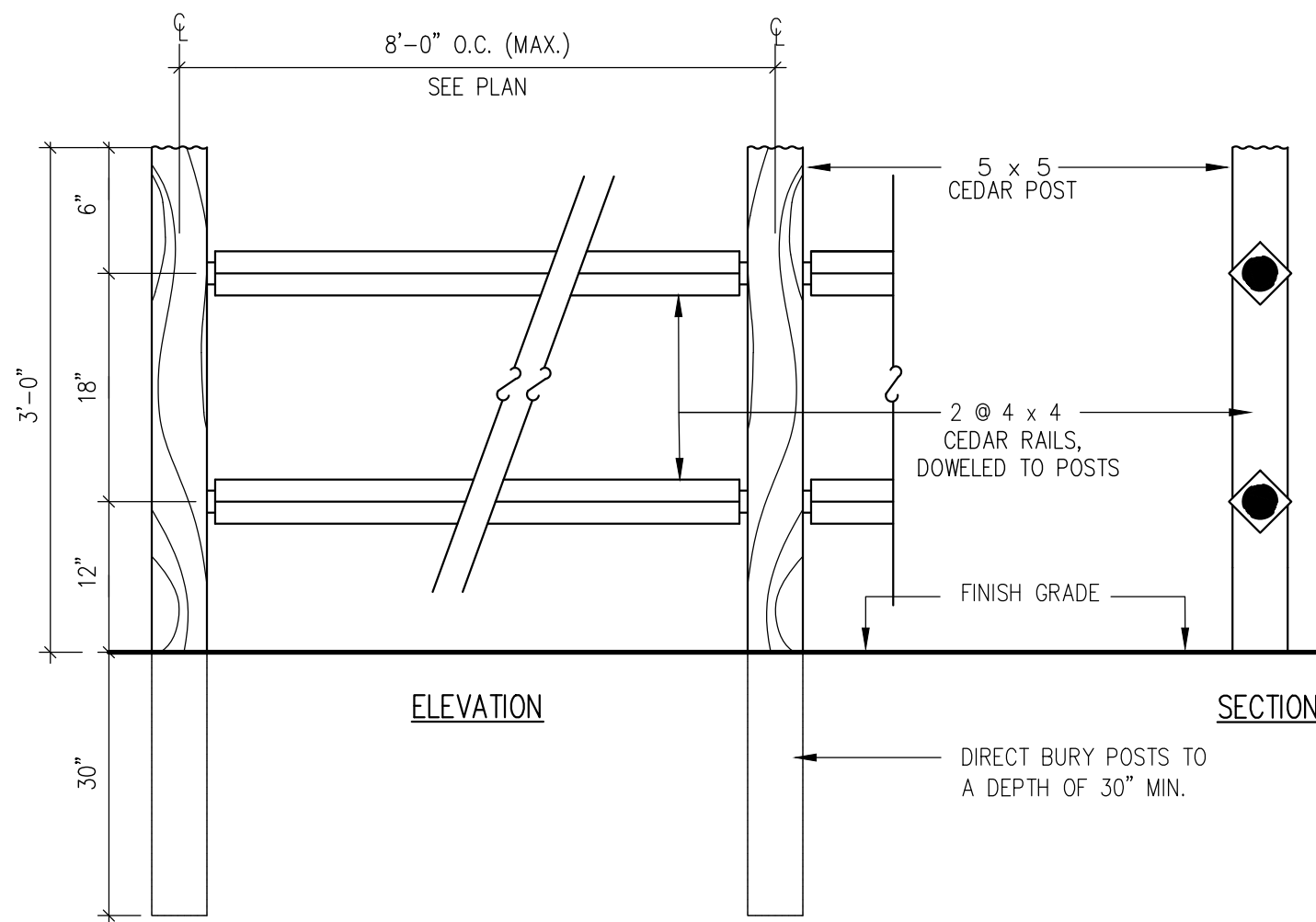


**EVERGREEN TREE PLANTING**

NOT TO SCALE

NOTE:

1. WOOD WILL BE RED OR WHITE CEDAR SPLIT.

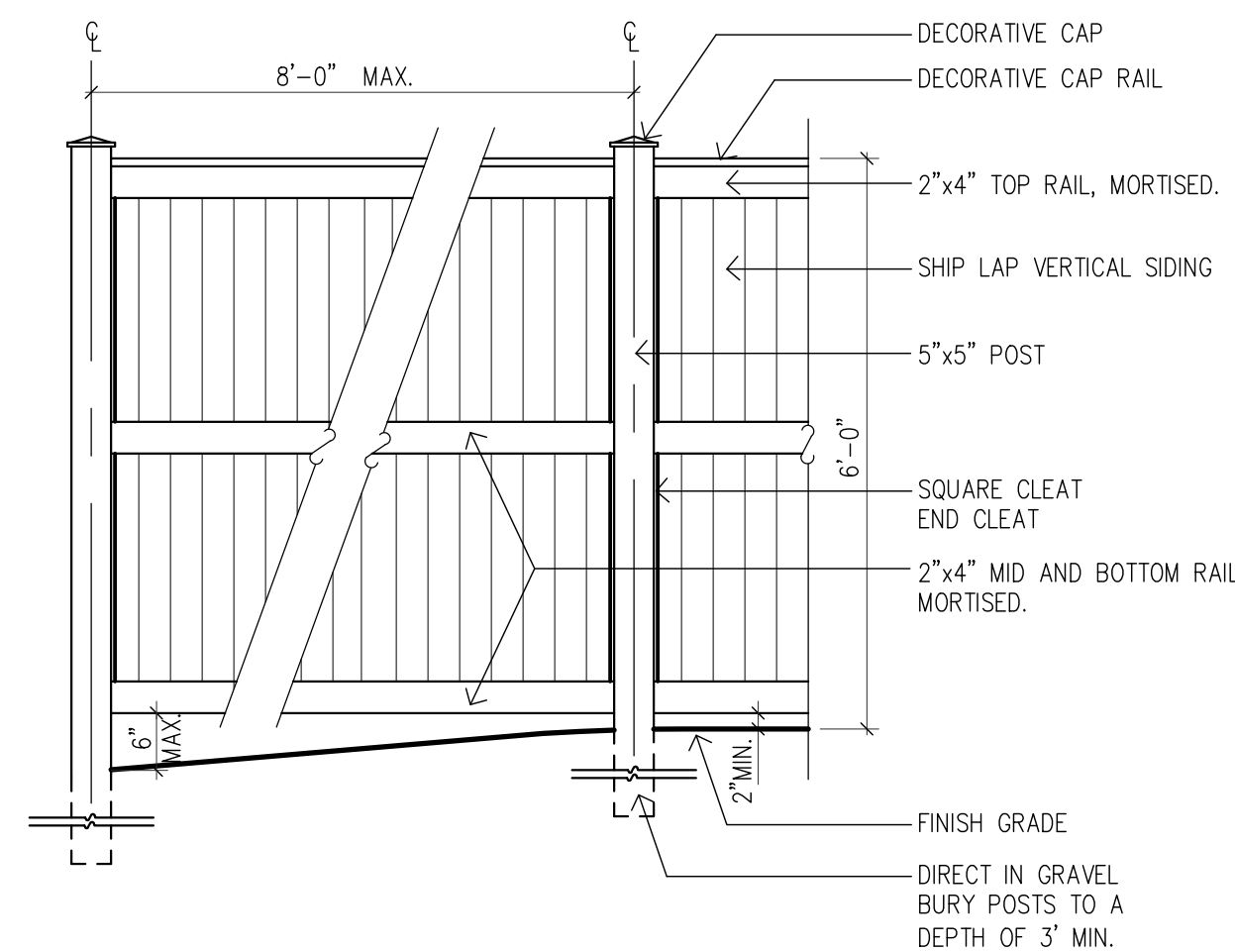


**SPLIT CEDAR POST AND RAIL FENCE**

NOT TO SCALE

NOTE:

1. FENCE TO BE NORTHERN WHITE CEDAR. CONTRACTOR SHALL APPLY 2 COATS EXTERIOR SEMI-TRANSPARENT CLEAR STAIN.
2. WOOD SHALL BE FINISHED SMOOTH.



**SOLID SCREEN FENCE**

NOT TO SCALE

**PLANTING NOTES**

1. CONTRACTOR SHALL SUPPLY PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE PLANTINGS SHOWN ON THESE DRAWINGS OR PLANT LIST - WHICH EVER IS GREATER. CLARIFY DISCREPANCIES WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. ALL PLANT MATERIALS SHALL CONFORM AT A MINIMUM TO GUIDELINES ESTABLISHED BY LATEST EDITION OF AMERICAN ASSOCIATION OF NURSERYMEN'S "AMERICAN STANDARD OF NURSERY STOCK".
3. DECIDUOUS PLANT MATERIAL INSTALLED AFTER SEPTEMBER 30 AND BEFORE APRIL 1 WILL NOT BE REVIEWED FOR ACCEPTANCE DUE TO STAGE OF LEAF PHYSIOLOGY. THIS PLANT MATERIAL WILL NOT BE REVIEWED UNTIL FOLLOWING GROWING SEASON. GUARANTEE PERIOD WILL BEGIN ONLY AFTER ACCEPTANCE BY LANDSCAPE ARCHITECT. EVERGREEN PLANT MATERIAL SHALL BE PLANTED APRIL 1 THROUGH JUNE 1 OR AUGUST 15 THROUGH OCTOBER 30. THERE WILL BE NO EXCEPTIONS TO THIS REQUIREMENT.
4. REPRESENTATIVE PLANT MATERIALS OF SPECIES SHALL BE LEGIBLY TAGGED WITH PROPER COMMON AND BOTANICAL NAMES. TAGS SHALL REMAIN ON THE PLANTS UNTIL ACCEPTANCE. DUE TO DIFFICULTIES IDENTIFYING THE VARIOUS CULTIVARS, PLANTS NOT TAGGED ARE SUBJECT TO REJECTION BY THE LANDSCAPE ARCHITECT AT HIS OR HER SOLE DISCRETION. THERE SHALL BE NO EXCEPTIONS TO THIS REQUIREMENT.
5. PLANT MATERIAL IS SUBJECT TO APPROVAL/REJECTION OF LANDSCAPE ARCHITECT AT THE NURSERY AND AT PROJECT SITE.
6. MULCH FOR PLANTED AREAS SHALL BE AGED PINE BARK, PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH UNLESS OTHERWISE SHOWN ON DRAWINGS.
7. ALL SHRUB GROUPINGS SHALL BE INCORPORATED INTO PLANTING BEDS. WHERE MULCHED PLANT BED ABUTS LAWN CONTRACTOR SHALL PROVIDE A TURF CUT EDGE.
8. ALL PLANT BED EDGES SHALL INTERSECT WITH PAVEMENTS AT 90 DEGREE ANGLES UNLESS OTHERWISE SHOWN ON DRAWINGS.
9. ALL PLANT BED EDGES SHALL BE SMOOTH AND CONSISTENT IN LAYOUT. IRREGULAR, "WAVEY" EDGES WILL NOT BE ACCEPTED.
10. AREAS INSIDE AND OUTSIDE LIMIT OF WORK LINE WHICH HAVE BEEN DISTURBED AND NOT DEVELOPED SHALL BE LOAMED AND SEEDED WITH 6" DEPTH OF TOPSOIL AND MAINTAINED UNTIL ACCEPTED BY LANDSCAPE ARCHITECT.
11. CONTRACTOR SHALL REMOVE ALL TREE STAKING ONE YEAR AFTER INSTALLATION IF PLANT MATERIAL HAS BEEN ACCEPTED.
12. ALL TREES OVERHANGING SIDEWALKS, DRIVEWAYS OR PARKING SHALL BEGIN BRANCHING AT 6' HEIGHT MINIMUM.
13. PLANT MATERIAL SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS TO THE ORIGINAL PLANTING GRADE PRIOR TO DIGGING.
14. NO PLANTS SHALL BE PLANTED BEFORE CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
15. IF CONTRACTOR ENCOUNTERS POORLY DRAINING SOILS (BATH TUB EFFECT) OR LEDGE WITHIN ANY PLANTING BED, CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY FOR DIRECTION PRIOR TO ANY PLANT INSTALLATION.
16. THE AREA WITHIN THIS SUBDIVISION IS RESTRICTED FROM THE USE OF FERTILIZERS AS DEFINED IN THE TOWN OF EXETER ZONING ORDINANCE SECTION 2.2.30 - "FERTILIZER: ANY SUBSTANCE CONTAINING ONE OR MORE RECOGNIZED PLANT NUTRIENTS WHICH IS DESIGNED FOR USE IN PROMOTING PLANT GROWTH, SUCH AS NITROGEN, PHOSPHORUS AND POTASSIUM. FERTILIZER AS DEFINED SHALL NOT INCLUDE VEGETABLE COMPOST, LIME, LIMESTONE, WOOD ASHES OR ANY NITROGEN-FREE HORTICULTURE MEDIUM (E.G. VERMICULITE)."

**PLANTING GUARANTEE NOTES**

1. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.

TAX MAP 54 LOTS 5, 6 & 7 TAX MAP 63 LOT 205  
**LANDSCAPE NOTES AND DETAILS**  
**EXETER ROSE FARM**  
**FOREST STREET & OAK STREET EXTENSION**  
**EXETER, NEW HAMPSHIRE, COUNTY OF ROCKINGHAM**  
**BENJAMIN & JOAN DAGOSTINO REVOCABLE TRUST**  
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 SCALE: AS NOTED  
**OCTOBER 1, 2018**

**PLANNING BOARD FILE #17-27**

APPROVED BY THE EXETER PLANNING BOARD

ON \_\_\_\_\_ AND  
 CHAIRMAN: \_\_\_\_\_  
 SECRETARY: \_\_\_\_\_



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CONTACT DIG SAFE 72 BUSINESS HOURS PRIOR TO CONSTRUCTION

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