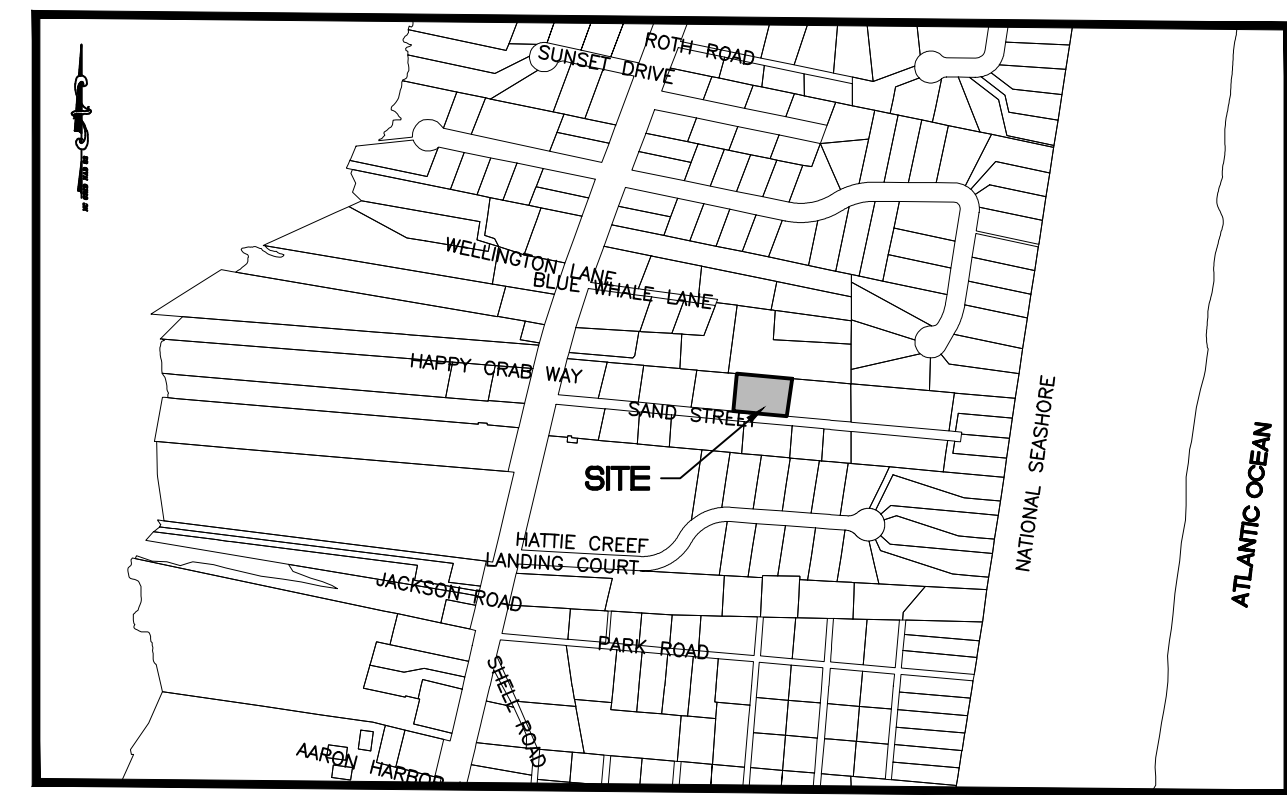
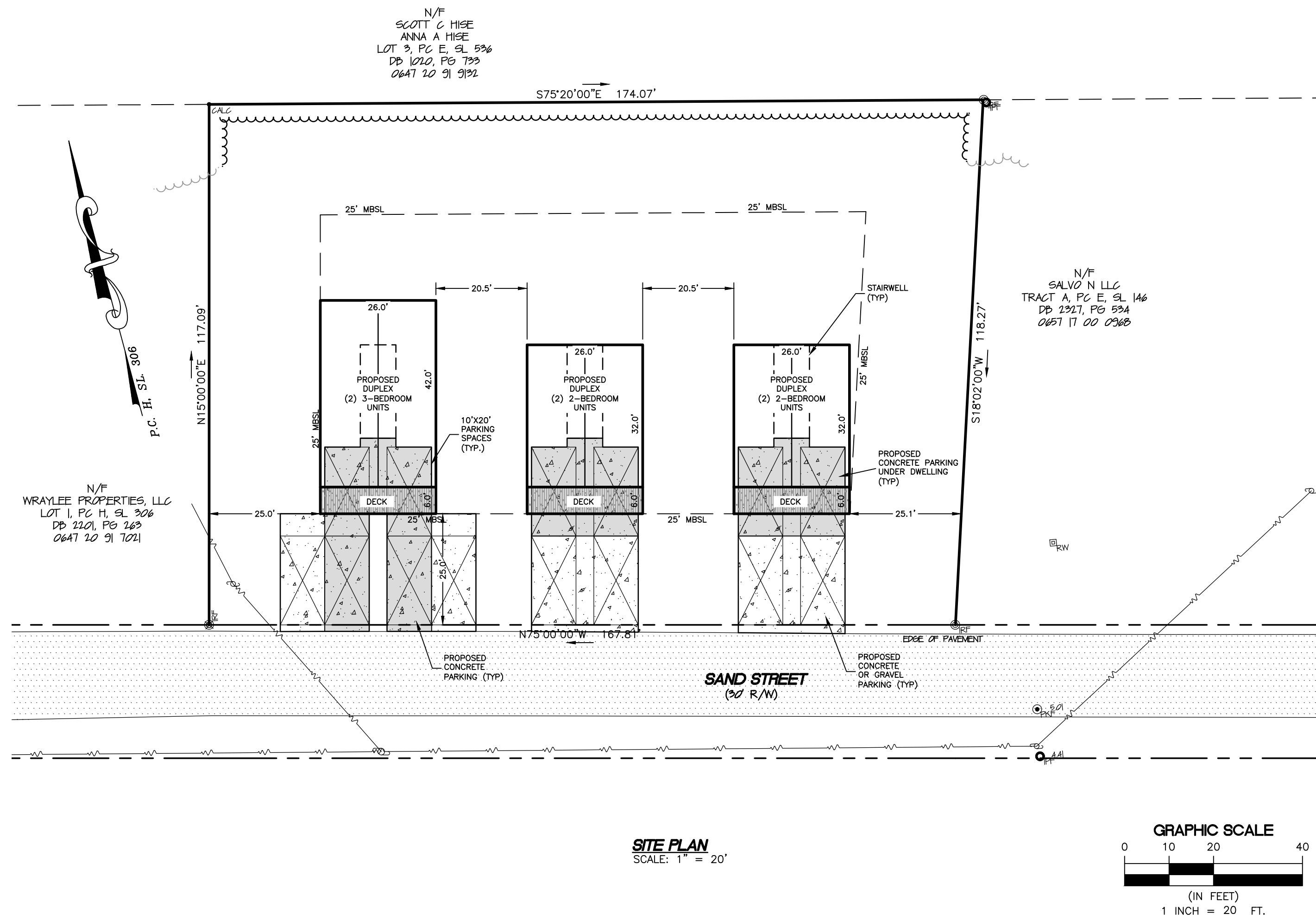


SITE PLAN NOTES:

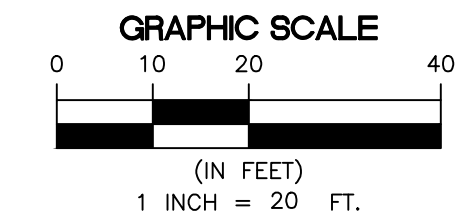
- OWNER: RED SHED, LLC
PO BOX 472
WAVES, NC 27982
- THE OWNER INTENDS TO CONSTRUCT THREE 2-STORY DUPLEX RESIDENTIAL STRUCTURES WITH PARKING BELOW (3-LEVELS TOTAL). THE RESIDENCES ARE INTENDED FOR EMPLOYEE / WORKFORCE HOUSING.
- THE PROPERTY IS LOT 2 OF A PARCEL SUBDIVIDED BY JOAN ANNETTE O'NEAL, P.C. H. SL. 306. RECORDED IN D.B. 2542, PG 412. DARE COUNTY PIN# 0647 20 91 8070, DARE CO. PARCEL ID: 013258001. PROPERTY ADDRESS: 27221 A SAND ST, SALVO, NORTH CAROLINA
- THE SITE IS LOCATED IN FIRM ZONE SHADED X. FIRM MAP NUMBER 3730064700K. EFFECTIVE DATE JUNE 19, 2020 (SUBJECT TO CHANGE BY FEMA)
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE SPECIFIED. ELEVATIONS SHOWN ARE HEREON PER NAVD88.
- AREAS SHOWN ARE BY COORDINATE METHOD.
- EXISTING FEATURES AND SURVEY INFORMATION PROVIDED BY J. H. MILLER LAND SURVEYING, SURVEY INFORMATION OBTAINED ON FEBRUARY 17, 2022.
- THERE ARE NO DELINEATED WETLANDS ON THE PROJECT SITE.
- THE PROPERTY IS ZONED S-1 AND GROUP DEVELOPMENTS / GROUP HOUSING PROJECTS ARE A SPECIAL USE.
- PARKING REQUIREMENTS:
DUPLEX (2 UNITS WITH 2 BEDROOMS EACH UNIT) = 4 PARKING SPACES PROVIDED:
DUPLEX (1 UNIT WITH 3 BEDROOMS EACH UNIT) = 6 PARKING SPACES PROVIDED:
- SETBACKS
FRONT: 25' (ARTICLE 22-27.1.C.4)
SIDE: SETBACK: 25' (ARTICLE 22-31.C.1)
REAR: 25' (ARTICLE 22-31.C.1)
SEPARATION OF STRUCTURES: 20' (ARTICLE 22-31.B.6)
- GROSS AREA = 20,100.38 SF (0.461 ACRES)
PARKING AREA = 2,200.00 SF (0.050 ACRES) (EXCLUDES PARKING BENEATH STRUCTURES)
BUILDING AREA = 3,224.00 SF (0.074 ACRES) (INCLUDES DECKS)
OPEN SPACE = 14,676.38 SF (0.337 ACRES)
- AREA TO BE DISTURBED: 20,059 SF (0.46 ACRES)
- LOT AREA = 20,100.38 SF
ALLOWABLE COVERAGE = 6,030.11 SF (30% - ARTICLE 22-27.1.D.3)
- COVERAGE IS AS FOLLOWS:
EXISTING STRUCTURES = 1,730.86 SF
GRAVEL = 579.05 SF
(EXISTING STRUCTURES TO BE REMOVED)
PROPOSED STRUCTURES = 3,224.00 SF
DRIVEWAYS = 2,200.00 SF
TOTAL = 5,424.00 SF (27.0%)
- SILT FENCE TO BE INSTALLED ON SITE AS SHOWN ON DEMOLITION AND EROSION CONTROL PLAN.
- WATER SERVICES SHALL BE COORDINATED WITH THE DARE COUNTY WATER DEPARTMENT. CONSIDERATION OF SERVICE MAY BE TO PROVIDE INDIVIDUAL SERVICE TO EACH UNIT, A SINGLE SERVICE FOR EACH STRUCTURE, OR A SINGLE MASTER METER FOR THE SITE.



**FINAL DRAWING
NOT FOR
CONSTRUCTION**

LEGEND

- CALCULATED POINT
- IRON PIPE FOUND
- IRON ROD FOUND
- PK NAIL FOUND
- R/W MONUMENT FOUND
- RIGHT OF WAY
- PROPERTY BOUNDARY
- ADJACENT PROPERTY LINE
- EXISTING POWER POLE
- OVERHEAD ELECTRIC
- EXISTING CABLE TV PEDESTAL
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- PROPOSED WATER METER
- EXISTING WATERLINE
- PROPOSED SANITARY VALVE
- PROPOSED SANITARY CLEANOUT
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- EXISTING TREELINE
- PROPOSED TREELINE
- SILT FENCE
- LIMITS OF DISTURBANCE



I. NARRATIVE:

RED SHED LLC INTENDS TO DEMOLISH TWO EXISTING DUPLEXES AT 27221 A SAND STREET AND CONSTRUCT THREE DUPLEXES TO CREATE EMPLOYEE HOUSING IN SALVO, NC. A SINGLE SEPTIC SYSTEM WITH LPP DRAINFIELD WILL SERVE ALL THE UNITS. THE SITE IS LOCATED ON 0.46 ACRES. APPROXIMATELY 0.46 ACRES OF THE SITE ARE TO BE DISTURBED. CONSTRUCTION IS SCHEDULED TO BEGIN IN THE FALL OF 2022.

THE SITE IS LEVEL WITH SANDY SOILS. THERE IS LITTLE EXISTING VEGETATION ON THE SITE.

DISTURBED AREAS ARE TO BE STABILIZED WITH TEMPORARY/PERMANENT VEGETATION ACCORDING TO THE SEQUENCE OF CONSTRUCTION.

II. SOILS DESCRIPTION:

SOIL TYPES AS MAPPED IN THE SOIL SURVEY OF DARE COUNTY:

COROLLA FINE SAND (CoB)

III. CONSTRUCTION SEQUENCE:

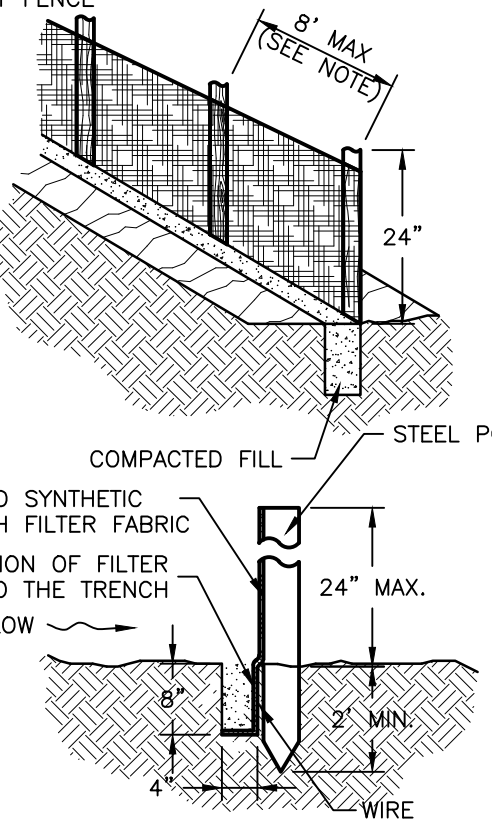
- OBTAIN SITE PLAN APPROVAL
- OBTAIN ALL NECESSARY ENVIRONMENTAL PERMITS
- FLAG OR STAKE WORK LIMITS / PROPERTY LINES

PHASE ONE:

- INSTALL SILT FENCE AS INDICATED ON THE SITE PLAN
- CLEAR LOT OF EXISTING STRUCTURES AND VEGETATION AS SHOWN
- ABANDON SEPTIC SYSTEM

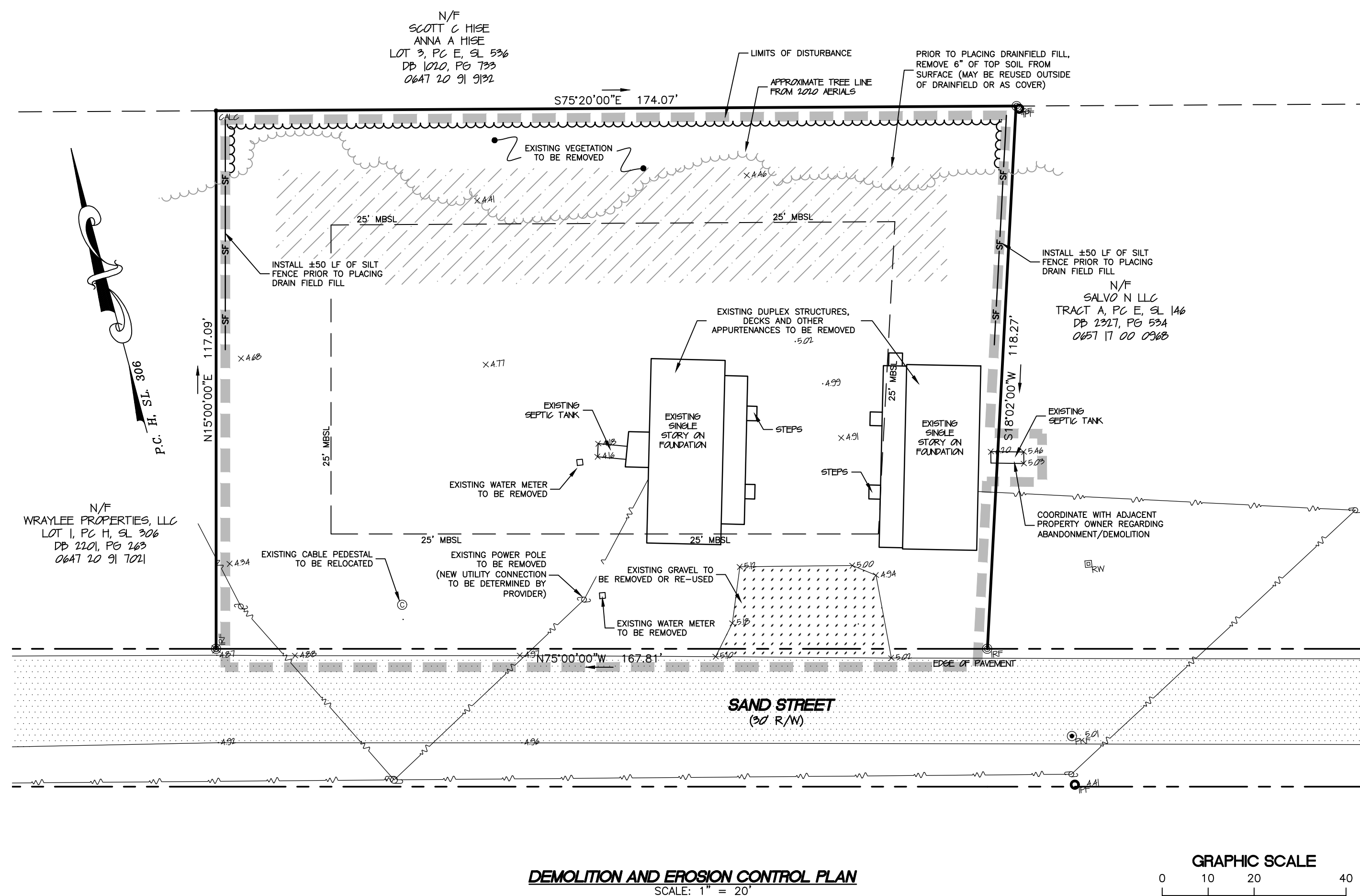
PHASE TWO:

- STRIP 6" TOPSOIL FROM DRAINFIELD FILL AREAS
- PLACE AND GRADE FILL MATERIALS
- ESTABLISH TEMPORARY VEGETATION ALONG ANY AREAS REQUIRED IN ACCORDANCE WITH THE "SEDIMENTATION AND EROSION CONTROL NOTES"
- COMMENCE CONSTRUCTION OF NEW STRUCTURE AND SEPTIC SYSTEM
- CONSTRUCT NEW DRIVEWAYS
- ESTABLISH PERMANENT VEGETATION ON ALL DISTURBED AREAS (ON PROPERTY AND ADJACENT RIGHT-OF-WAY)
- FERTILIZE AND WATER DISTURBED AREAS UNTIL PERMANENT VEGETATION IS FIRMLY ESTABLISHED AND STABILIZATION IS ACHIEVED
- REMOVE SILT FENCE

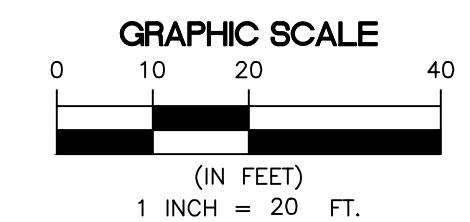


- NOTES:
- 6" POST SPACING FOR NON-WIRE REINFORCED FENCE. 8" POST SPACING PERMITTED IF FENCE CONTAINS REINFORCING WIRE.
 - 4" MINIMUM OVERLAP REQUIRED (ATTACHED AT POSTS) WHEN JOINING SECTIONS OF SILT FENCE.
 - SILT FENCE SHALL BE ATTACHED TO STEEL POSTS USING A MINIMUM OF 3 WIRE OR PLASTIC TIES.

SILT FENCE DETAIL



DEMOLITION AND EROSION CONTROL PLAN



V. DEMOLITION NOTES

ALL EXISTING IMPROVEMENTS SHOWN WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED UNLESS SPECIFICALLY NOTED TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL TO AN OFFSITE LOCATION PROVIDED BY THE CONTRACTOR.

CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO CAREFULLY REMOVE ALL ITEMS SHOWN TO BE RELOCATED. PRIOR TO REMOVAL, ANY CONDITIONS THAT PREVENT SUCH REMOVAL OR EXISTING DAMAGE TO THE ITEMS SHALL BE REPORTED TO THE OWNER IMMEDIATELY. CONTRACTOR WILL BE RESPONSIBLE FOR ITEMS DAMAGED DURING THE PROJECT.

WARNING:

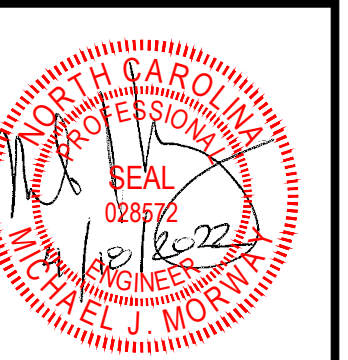
LOCATION OF EXISTING UNDERGROUND UTILITIES IS UNKNOWN AND HAS NOT BEEN SHOWN ON THESE DRAWINGS. ALL UNDERGROUND UTILITIES ENCOUNTERED SHALL IMMEDIATELY BE REPORTED TO THE OWNER.

SEPTIC SYSTEM ABANDONMENT NOTES

- SEE SEPTIC SYSTEM IMPROVEMENT PERMIT FOR ANY ADDITIONAL CONDITIONS.
- OBTAIN AN APPROVED HAULER PUMP TO REMOVE ANY REMAINING LIQUID, SLUDGE, AND SCUM FROM TANKS TO BE ABANDONED/REMOVED.
- REMOVE TANKS AND PROPERLY DISPOSE OF REMAINS AT AN AUTHORIZED LANDFILL. TANKS SHOWN TO BE ABANDONED MAY BE CRUSHED IN PLACE AND BACKFILLED WITH CLEAN FILL FROM AN APPROVED SOURCE.
- REMOVE EXISTING DRAINLINES WITHIN DRAINFIELDS SHOWN TO BE REMOVED. REMOVE SURFACE FEATURES WITHIN DRAINFIELDS SHOWN TO BE ABANDONED.
- BACKFILLED AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% DENSITY. MORE STRINGENT COMPACTION REQUIREMENTS MAY APPLY WITHIN THE PROJECT SPECIFICATIONS.
- UPON COMPLETION OF REMOVAL, BACKFILL, AND COMPACTION, ALL DISTURBED SURFACES SHALL BE COATED WITH HYDRATED LIME (IF EXPOSED TO EFFLUENT) AND A VEGETATIVE COVER SHALL BE ESTABLISHED.

SITE STABILIZATION REQUIREMENTS

SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETER AND HOW ZONES)



REVISIONS

NO.	DATE	DESCRIPTION

SITE PLAN AND DEMOLITION PLAN
RED SHED, LLC
27221 A SAND STREET
SALVO, NORTH CAROLINA
DARE COUNTY
KINNAKEET TOWNSHIP

DATE:	03/25/2022
SURVEYED:	SEE NOTES
DESIGNED:	MJM
DRAWN:	KCA
CHECKED:	MJM
FILE:	08602A

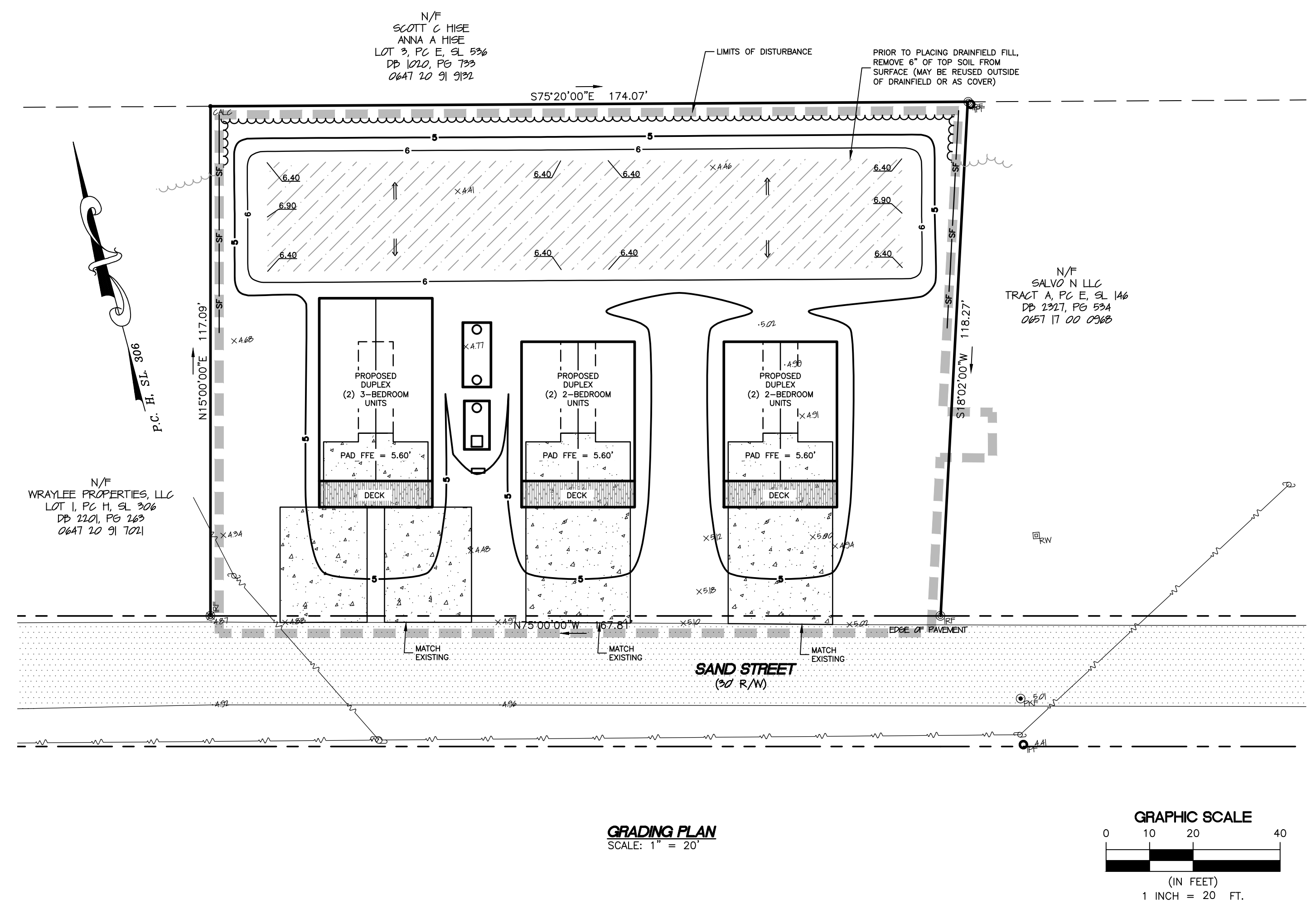
SCALE: 1" = 20'

C201

PROJ. NO. 08602A

GRADING NOTES:

1. PRIOR TO COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES, ALL EROSION AND SEDIMENTATION CONTROL MEASURES IDENTIFIED ON THIS PLAN SHALL BE INSTALLED IN ACCORDANCE WITH THE EROSION CONTROL PLAN.
2. THE CONTRACTOR SHALL ENSURE THAT AREAS OUTSIDE OF THE LIMITS OF LAND DISTURBANCE AS WELL AS TREES SPECIFICALLY NOTED FOR PROTECTION ARE NOT ADVERSELY IMPACTED BY ANY CLEARING ACTIVITIES.
3. LIMITS OF SLOPES AND GRADING SHALL BE IN ACCORDANCE WITH THE LIMITS SHOWN HEREON.
4. EXISTING FEATURES AND SURVEY INFORMATION PROVIDED BY J. H. MILLER LAND SURVEYING, SURVEY INFORMATION OBTAINED ON FEBRUARY 17, 2022. ELEVATIONS ARE PER NAVD 1988.



**FINAL DRAWING
NOT FOR
CONSTRUCTION**

SEEDING SCHEDULE

APRIL 1 - MAY 15 PERMANENT SEEDING	
SPECIES	RATE
K-31 FESCUE	3 LB/1000 SF
COMMON BERMUDAGRASS	1 LB/1000 SF
WINTER RYE GRAIN	3 LB/1000 SF

NOTE: DELETE RYE GRAIN IF OVERSEEDING ESTABLISHED RYE OR FESCUE. DELETE FESCUE IF OVERSEEDING ESTABLISHED FESCUE.

MAY 15 - JULY 15 PERMANENT SEEDING	
SPECIES	RATE
K-31 FESCUE	3 LB/1000 SF
COMMON BERMUDAGRASS	1 LB/1000 SF
GERMAN MILLET	3 LB/1000 SF

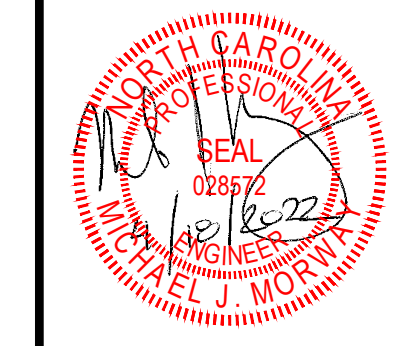
NOTE: DELETE MILLET IF OVERSEEDING ESTABLISHED MILLET OR FESCUE. DELETE FESCUE IF OVERSEEDING ESTABLISHED FESCUE.

AUGUST 15 - APRIL 1 TEMPORARY SEEDING	
SPECIES	RATE
K-31 FESCUE	3 LB/1000 SF
WINTER RYE GRAIN	5 LB/1000 SF

SOIL AMENDMENTS
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 500 LB PER ACRE OF 10-10-10 FERTILIZER.

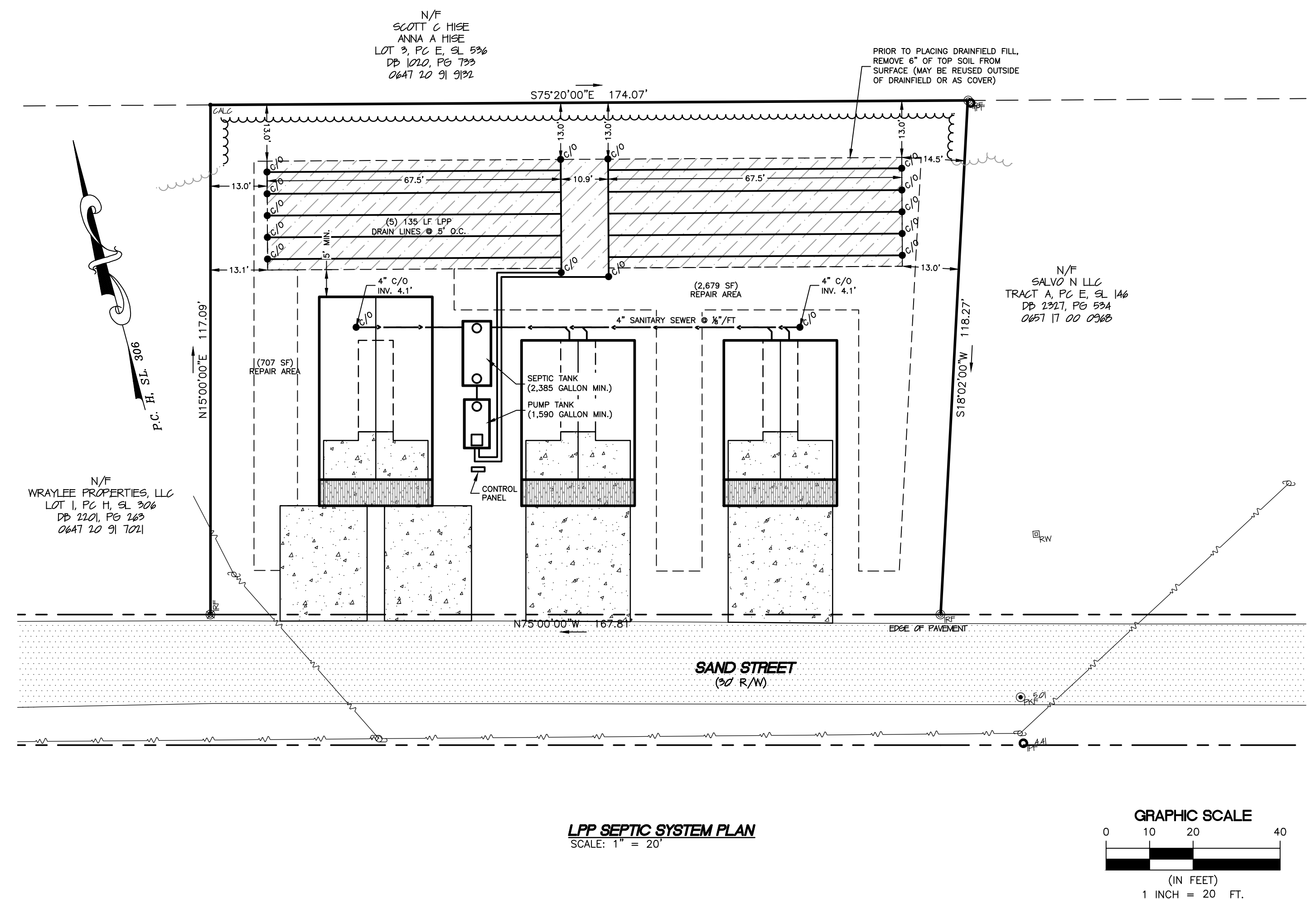
MULCH
USE JUTE, EXCELSIOR MATTING OR OTHER EFFECTIVE CHANNEL LINING MATERIAL TO COVER BOTTOM AND SIDES OF SWALES. ANCHOR MATTING PER MANUFACTURERS RECOMMENDATIONS. HYDROSEEDING IS ALSO AN ACCEPTABLE METHOD OF TEMPORARY STABILIZATION.

MAINTENANCE
A MINIMUM OF 3 WEEKS IS REQUIRED TO FOR ESTABLISHMENT. INSPECT AND REPAIR MULCH FREQUENTLY. FERTILIZE THE FOLLOWING SPRING WITH 50 LB/ ACRE NITROGEN.



LPP SEPTIC SYSTEM NOTES:

1. THE SITE IS LOCATED AT 27221 SAND STREET, SALVO, NC
THE DESIGN FLOW IS 1680 GPD BASED UPON THE FOLLOWING:
(4) 2-BEDROOM UNITS = (4)(240 GPD) = 960 GPD
(2) 3-BEDROOM UNITS = (2)(360 GPD) = 720 GPD
TOTAL = 1680 GPD
2. THE LPP DRAINFIELD SHALL INCLUDE (2) DRAINFIELDS, EACH WITH (5) 67.5 LF LPP DRAINLINES AT 5' O.C. FOR A TOTAL DRAINFIELD AREA OF 3,375 SF AND A RESULTING LOADING RATE OF 0.50 GPD/SF.
3. SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWAGE RULES SECTION 15 NCAC 18A.1900 CURRENT EDITION.
4. LPP FIELDS ARE TO OPERATED @ 3.0' PRESSURE HEAD AT ENDS OF LATERALS.
5. ALL DISPOSAL FIELD FILL MATERIAL SHALL COME FROM A PRE-APPROVED SOURCE.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL NOTIFY NC-ONE-CALL PRIOR TO CONSTRUCTION (2 WORKING DAYS).
7. HORIZONTAL AND VERTICAL ORIENTATION OF EXISTING UNDERGROUND UTILITIES ARE NOT KNOWN. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
8. THE CONTRACTOR SHALL SUBMIT A LIST OF MATERIALS FOR APPROVAL TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
9. ROUTINE INSPECTIONS DURING CONSTRUCTION WILL BE PROVIDED BY THE ENGINEER AND DARE COUNTY HEALTH DEPARTMENT. THESE INSPECTIONS DO NOT RELIEVE THE CONTRACTOR FROM HIS OBLIGATION AND RESPONSIBILITY FOR CONSTRUCTING THE SYSTEM IN STRICT ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
10. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF ANY AGENCY HAVING JURISDICTION. HE SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY AND PROTECTION.
11. NO MODIFICATIONS TO THIS PLAN SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER AND LOCAL HEALTH DEPARTMENT. ANY FIELD CHANGES TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND LOCAL HEALTH DEPARTMENT AND SHALL BE ACCURATELY INDICATED ON THE AS-BUILT DRAWINGS.
12. ALL COMPONENTS OF THE SYSTEM SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH THE CONTRACT DRAWINGS, SPECIFICATIONS, AND THESE PLANS. AFTER TESTING IS COMPLETED AND ALL COMPONENTS OF THE WASTEWATER SYSTEM ARE ACCEPTED BY THE OWNER, THE CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS TO THE COUNTY HEALTH DEPARTMENT ANY DISCREPANCIES NOTED DURING INSPECTION OF THE AS-BUILT FACILITIES SHALL BE CORRECTED BY THE CONTRACTOR WITHIN 30 DAYS IF NECESSARY.
13. THE CONTRACTOR SHALL SUBMIT A LIST OF MATERIALS FOR APPROVAL TO THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
14. SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWAGE RULES SECTION 15 NCAC 18A.1900 CURRENT EDITION.
15. ROUTINE INSPECTIONS DURING CONSTRUCTION WILL BE PROVIDED BY THE ENGINEER AND DARE COUNTY HEALTH DEPARTMENT. THESE INSPECTIONS DO NOT RELIEVE THE CONTRACTOR FROM HIS OBLIGATION AND RESPONSIBILITY FOR CONSTRUCTING THE SYSTEM IN STRICT ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
16. ALL MANHOLE RISERS SHALL BE WATERTIGHT, CONFORM TO NORTH CAROLINA CODE 15A NCAC 18A-1954, AND BROUGHT TO FINISHED GRADE BY CONTRACTOR, UNLESS OTHERWISE NOTED.
17. ALL TANK INLETS AND OUTLETS SHALL BE FITTED WITH PRECAST BOOTS.
18. ALL TANK DIMENSIONS INCLUDING INLET/OUTLET LOCATIONS AND INVERT ELEVATIONS SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION.
19. NO MODIFICATIONS TO THIS PLAN SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER AND LOCAL HEALTH DEPARTMENT. ANY FIELD CHANGES TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND LOCAL HEALTH DEPARTMENT AND SHALL BE ACCURATELY INDICATED ON THE AS-BUILT DRAWINGS.
20. ALL COMPONENTS OF THE SYSTEM SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH THE CONTRACT DRAWINGS, SPECIFICATIONS, AND THESE PLANS. AFTER TESTING IS COMPLETED AND ALL COMPONENTS OF THE WASTEWATER SYSTEM ARE ACCEPTED BY THE OWNER.
21. ALL DISTURBED SOIL SHALL BE STABILIZED AS SOON AS POSSIBLE BY GRADING AND SEEDING.



SEE SHEET C401 FOR SEPTIC SYSTEM DETAILS

LEGEND

- CAL CALCULATED POINT
- IPF IRON PIPE FOUND
- IRF IRON ROD FOUND
- PNF PK NAIL FOUND
- RW R/W MONUMENT FOUND
- RIGHT OF WAY
- PROPERTY BOUNDARY
- ADJACENT PROPERTY LINE
- EXISTING POWER POLE
- OVERHEAD ELECTRIC
- EXISTING CABLE TV PEDESTAL
- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- PROPOSED WATER METER
- EXISTING WATERLINE
- PROPOSED SANITARY VALVE
- PROPOSED SANITARY CLEANOUT
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS
- EXISTING TREELINE
- PROPOSED TREELINE
- SILT FENCE
- LIMITS OF DISTURBANCE

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www.AlbemarleAssociates.com
Cert. of Licensure No. C-1027
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REVISIONS

NO.	DATE	DESCRIPTION
1	03/25/2022	ISSUE FOR PERMITS
2	03/25/2022	FOR REVIEW

GRADING PLAN AND SEPTIC PLAN
RED SHED, LLC
27221 A SAND STREET
SALVO NORTH CAROLINA
DARE COUNTY
KINNAREET TOWNSHIP

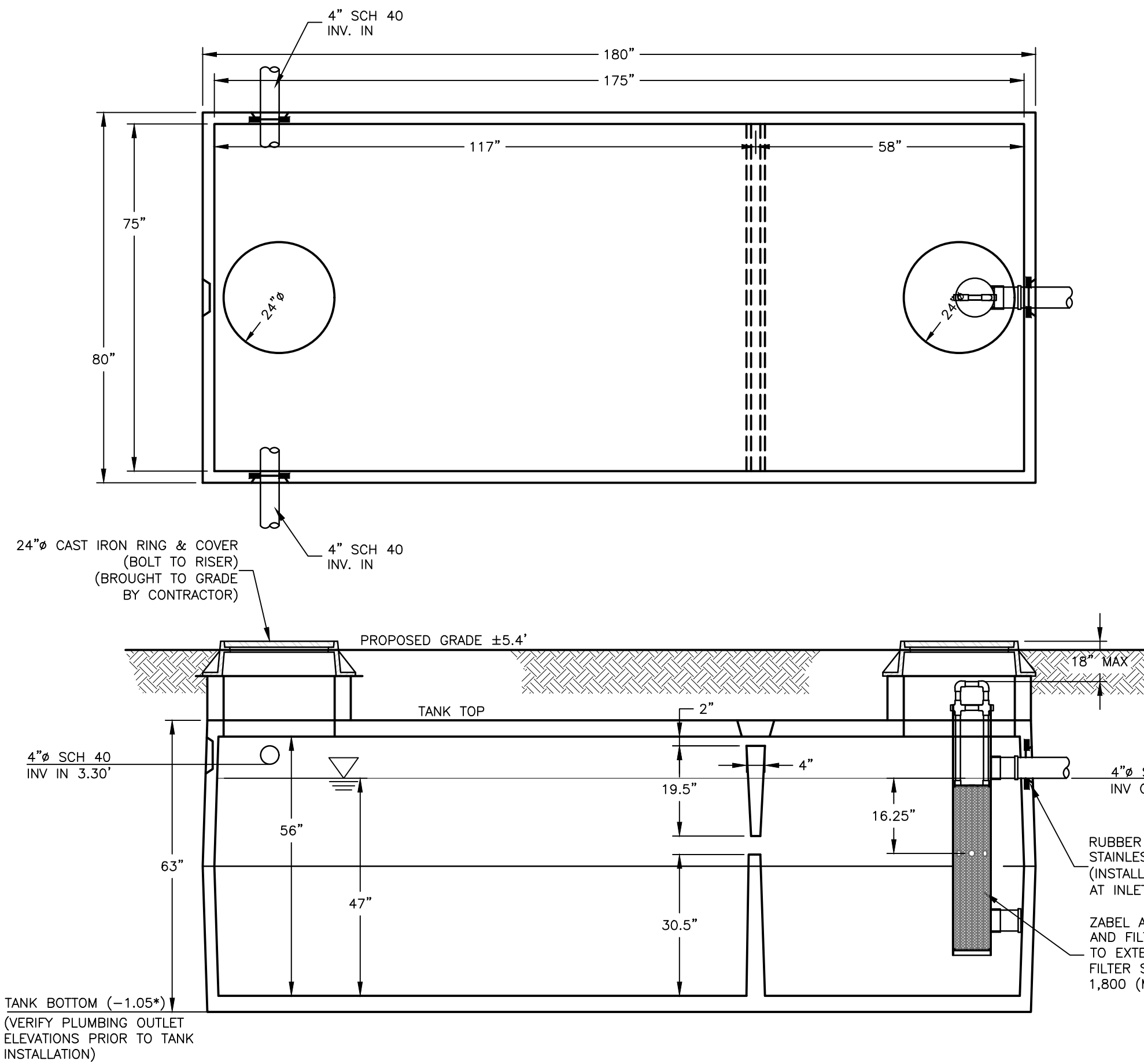
DATE:	03/25/2022
SURVEYED:	SEE NOTES
DESIGNED:	MJM
DRAWN:	KCA
CHECKED:	MJM
FILE:	08602A

SCALE:
1" = 20'
C301
PROJ. NO. 08602A

DRAINFIELD DESIGN PARAMETERS

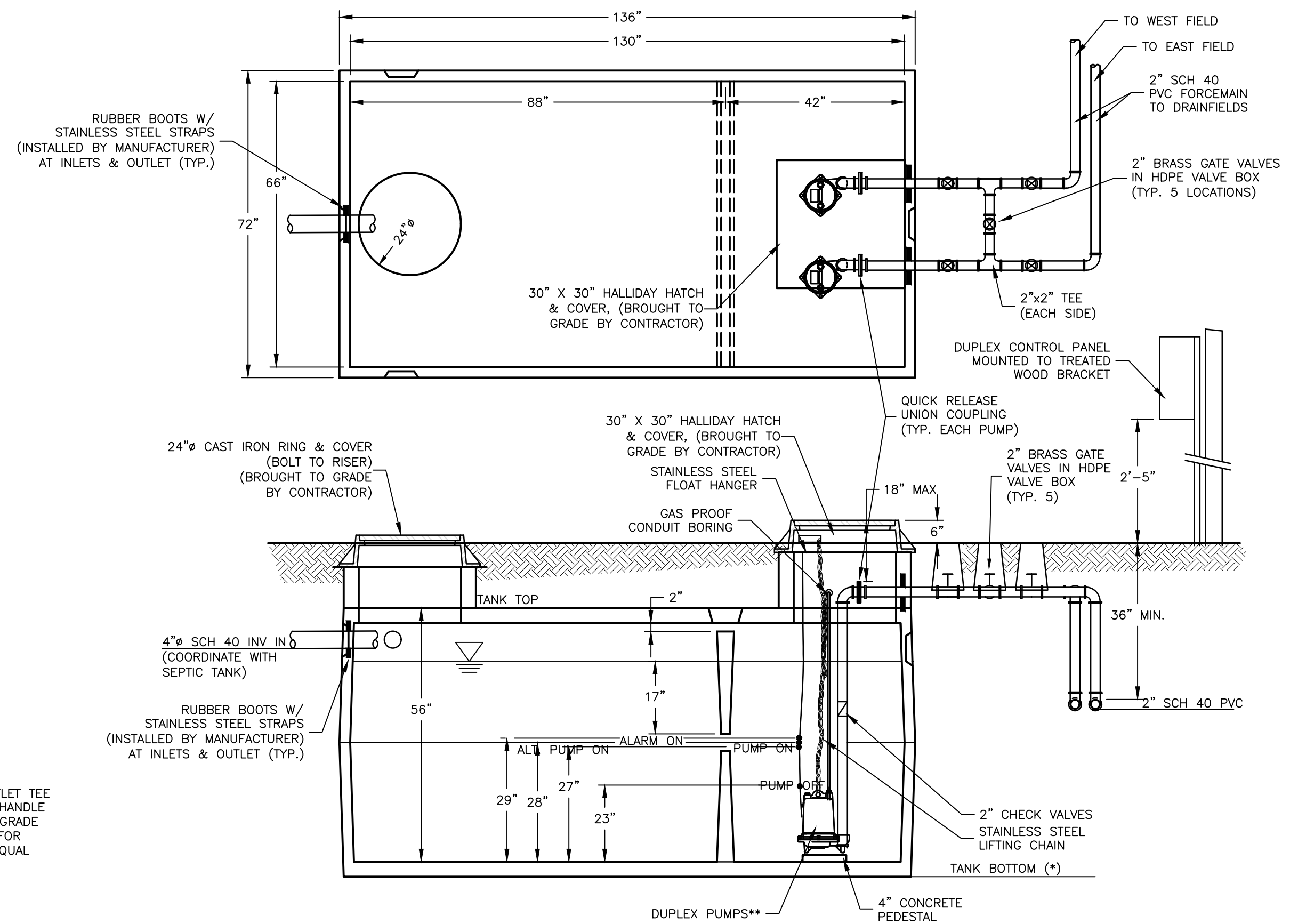
Q = 1,680 GPD
 DRAINFIELD = (5 LINES) (135 LF/LINE) = 675 LF
 TOTAL DRAIN FIELD AREA = (675 LF) (5 SF/LF) = 3,375 SF
 LOADING RATE = 1,680 GPD / 3,375 SF = 0.50 GPD/SF
 FIELDS SET TO OPERATE @ 3.0' HEAD (3/2" HOLES = 0.5 GPM/HOLE)
 PUMP RATE = (675 LF/2 DRAINFIELDS) (1 HOLE/5 FT) (0.5 GPM/HOLE) = 34 GPM
 3" MANIFOLD (A=7.07 IN²)
 (5) 1 1/4" LATERAL TEES (A = 6.14 IN²)
 RATIO = 1.15:1

**FINAL DRAWING
 NOT FOR
 CONSTRUCTION**



2,500 GALLON SEPTIC TANK
 2,385 GALLON MIN. SEPTIC TANK
 (2,500 GALLON GALD-STB-500 SHOWN)
 OR APPROVED EQUAL
 NTS

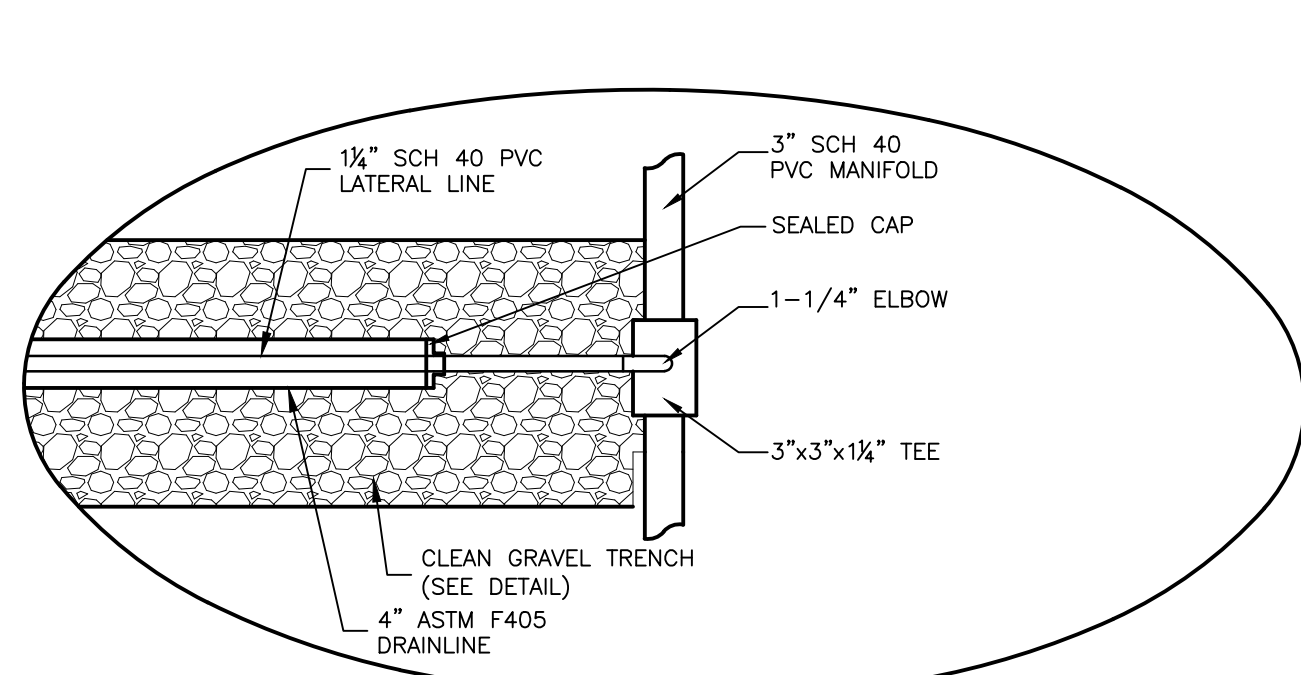
(* NOTE: ALL DIMENSIONS, INVERTS, ELEVATIONS ARE BASED UPON TANK MODEL NOTED IN DETAILS. IF ANOTHER TANK IS USED, PROVIDE PLAN REVISIONS FOR ENGINEERS APPROVAL BEFORE ORDERING MATERIAL.



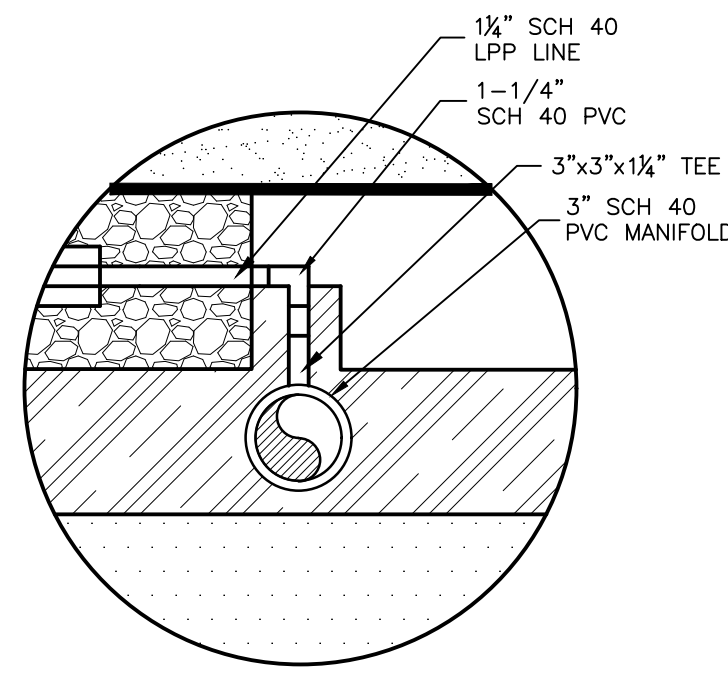
1,800 GALLON PUMP TANK
 1,590 GALLON MIN. PUMP TANK
 (1,800 GALLON GALD-PT-479 SHOWN)
 OR APPROVED EQUAL
 NTS

*CONTROL PANEL BOX FOR PUMPS SHALL BE NEMA 4X WITH WIRES CONVEYED TO IT THROUGH WATERPROOF AND GAS PROOF CONDUIT. CONTROL PANEL SHALL INCLUDE ELAPSED TIME METER AND EVENT COUNTER AND HIGH WATER ALARM WITH LATCHING LIGHT AND BELL. PANEL AND PUMP SHALL BE COORDINATED WITH INCOMING ELECTRICAL SOURCE. CONTROL PANEL SHALL BE LOCATED ABOVE 100 YEAR FLOOD ELEVATION.

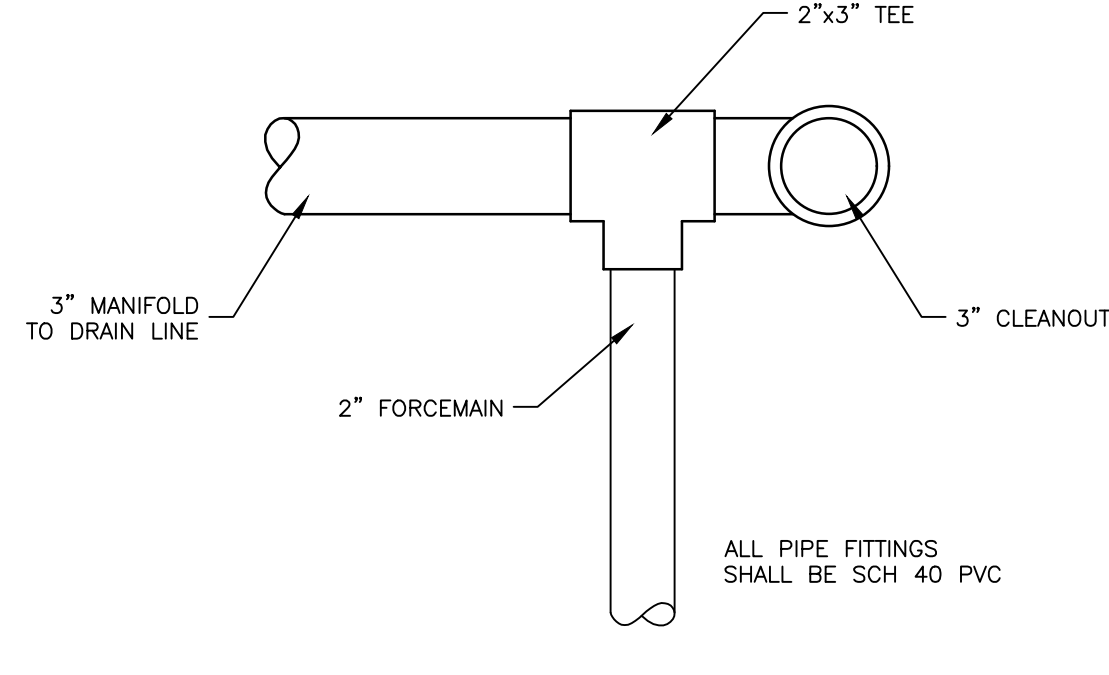
**PUMPS SHALL BE SINGLE PHASE WITH A 1/2 H.P. MOTOR. PUMPS SHALL BE CAPABLE OF DELIVERING 34 GPM AT APPROXIMATELY 20' TDH (MYERS MESO OR APPROVED EQUAL). ALL FERROUS MATERIALS IN THIS PUMP TANK SHALL BE MADE OF STAINLESS STEEL.



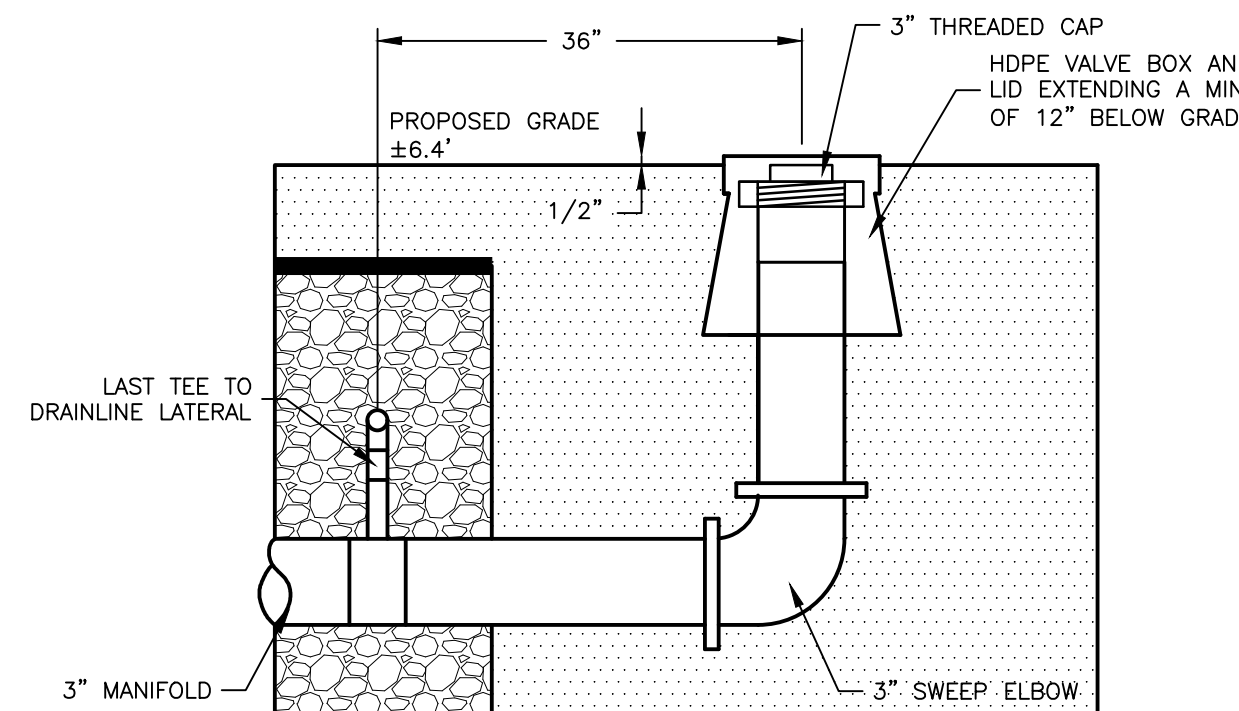
SINGLE FEED MANIFOLD DETAIL
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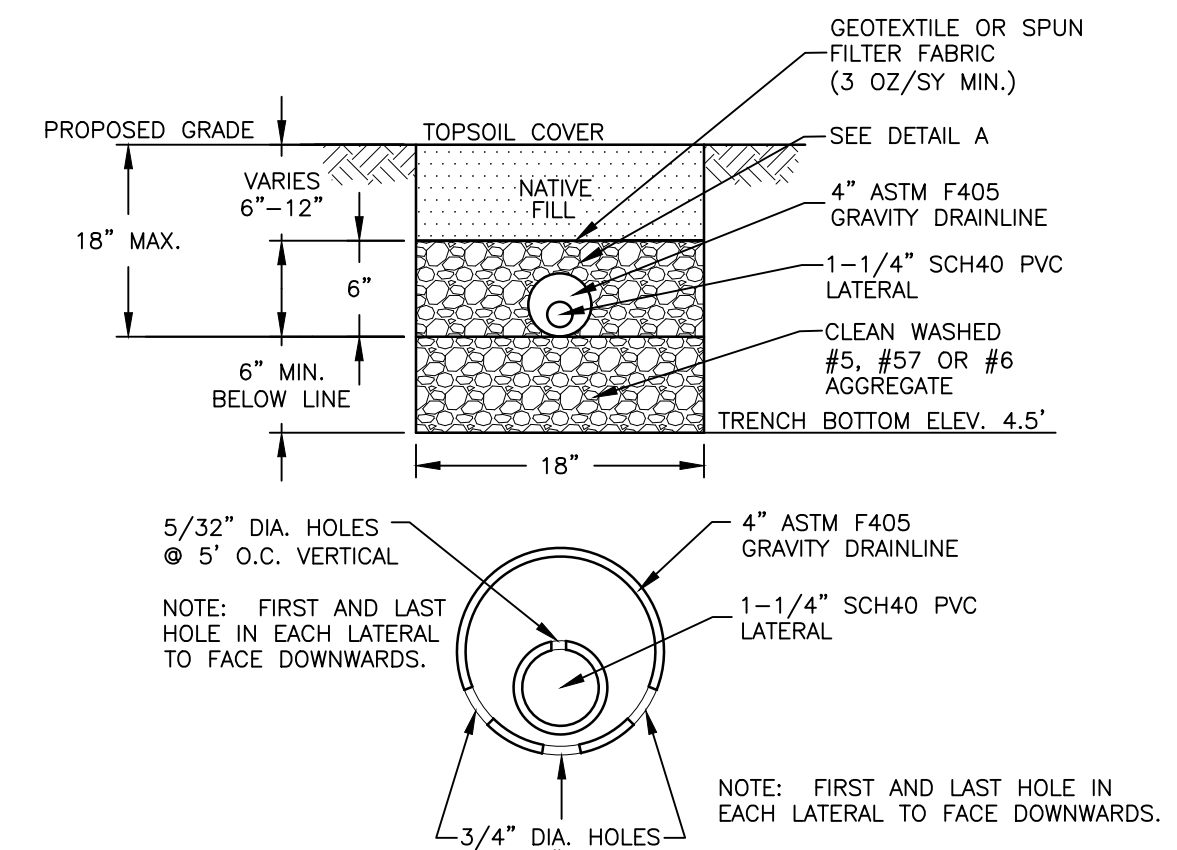
SINGLE FEED MANIFOLD SECTION
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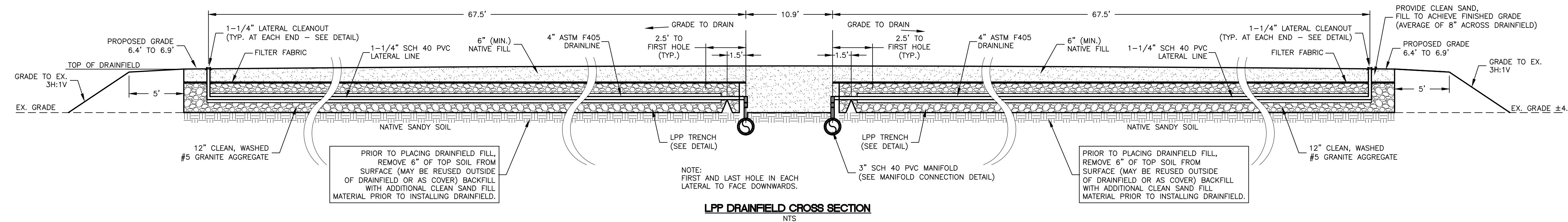
FORCEMAIN TO MANIFOLD CONNECTION DETAIL
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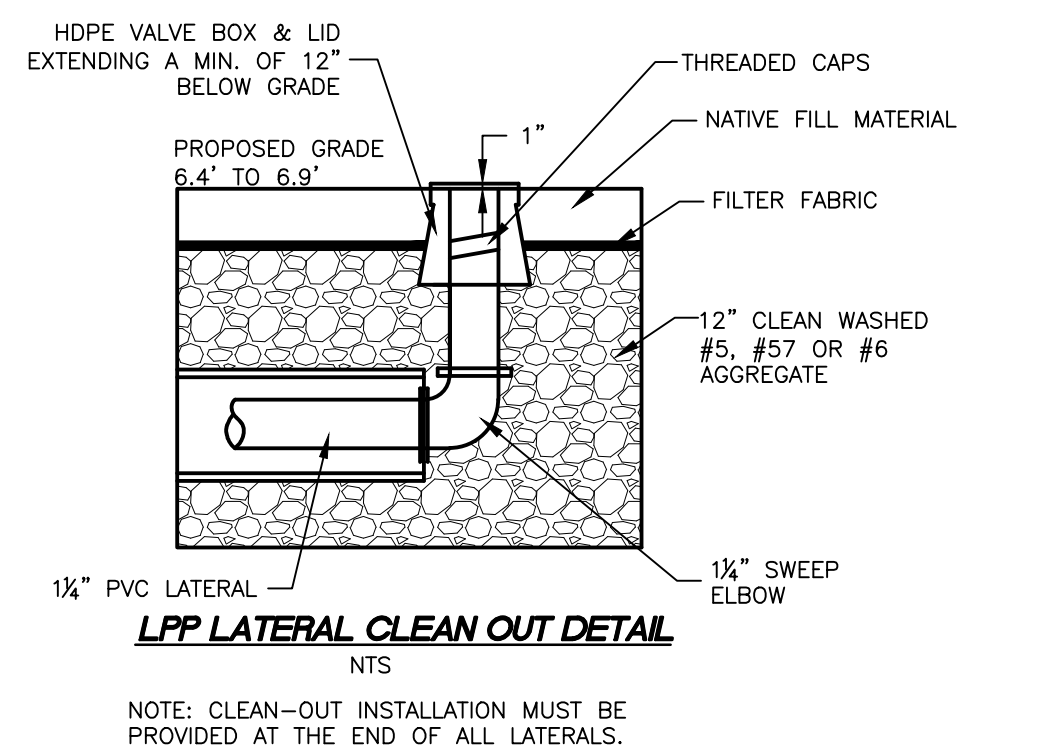
MANIFOLD CLEAN OUT DETAIL
 NTS



LPP TRENCH DETAIL
 NTS



LPP DRAINFIELD CROSS SECTION
 NTS



LPP LATERAL CLEAN OUT DETAIL
 NTS

NO.	DATE	DESCRIPTION
1	03/25/2022	ISSUED FOR PERMITS
2	03/25/2022	FOR PERMITS

WASTEWATER DETAILS
RED SHED, LLC
27221 A SAND STREET
 NORTH CAROLINA
 DARE COUNTY
 KINNAKEET TOWNSHIP
 SALVO

DATE:	03/25/2022
SURVEYED:	SEE NOTES
DESIGNED:	MJM
DRAWN:	KCA
CHECKED:	MJM
FILE:	08602A

SCALE:
AS SHOWN
C401
 PROJ. NO. 08602A

K:\Active Projects\08602 - Red Shed, 27221 A Sand Street\08602A - Sheets.dwg, 4/18/2022 11:32:53 AM, 1:1, ALBEMARLE & ASSOCIATES, L.T.D., C-1027