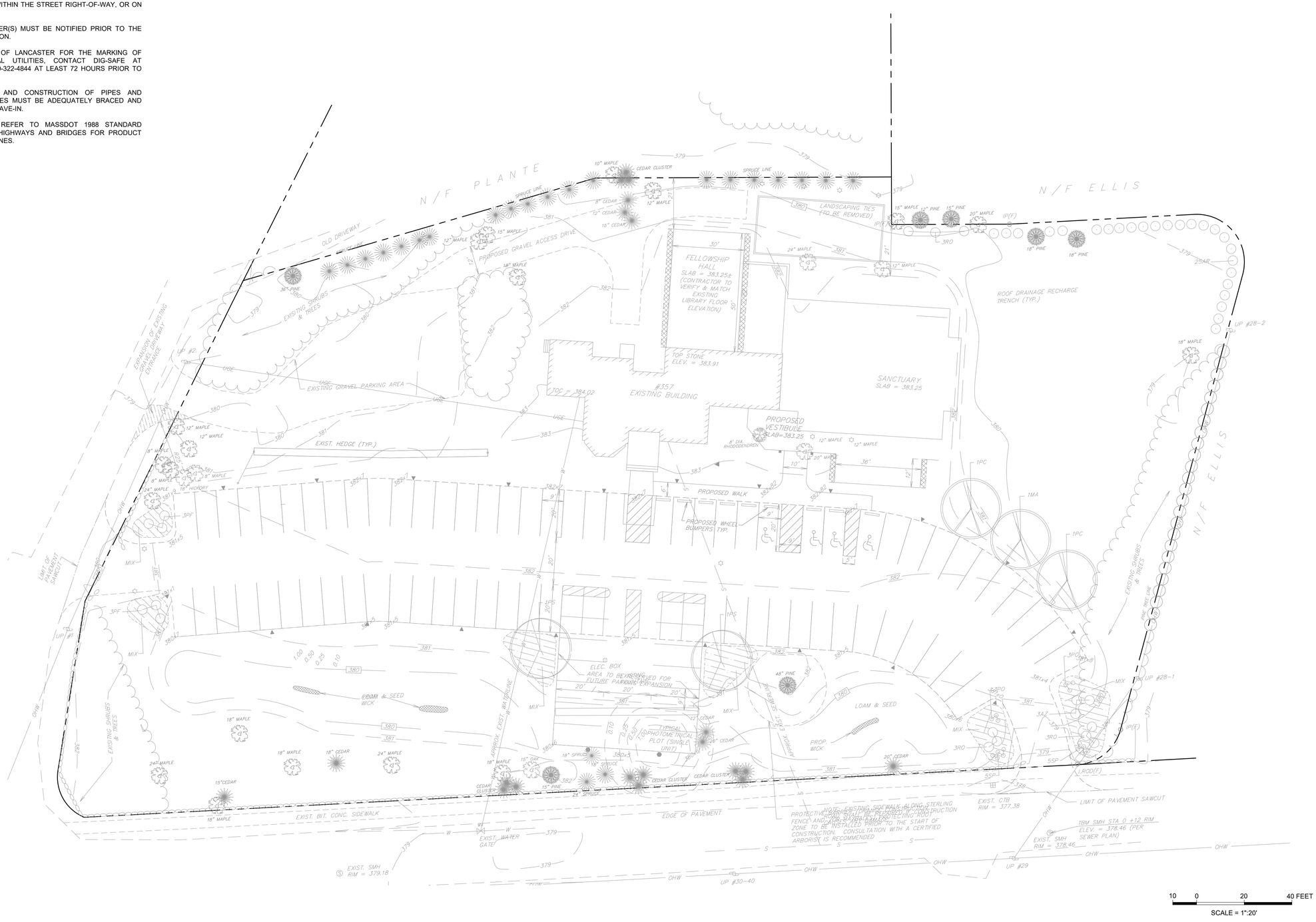
NOTES

1. BASE MAPPING OF THE PROJECT SITE IS A RESULT OF AN ON THE GROUND SURVEY DONE BY DAVID E. ROSS & ASSOCIATES OF AYER, MA LOCATIONS OF EXISTING SITE FEATURES SHALL BE CONSIDERED APPROXIMATE.
2. CONTRACTOR IS TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH PROPOSED WORK.
3. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME INSIDE OR OUTSIDE OF EXISTING OR PROPOSED BUILDINGS, ON THE SUBJECT PROPERTY, WITHIN THE STREET RIGHT-OF-WAY, OR ON ABUTTING LOTS.
4. THE ADJACENT ABUTTER(S) MUST BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION.
5. CONTACT THE TOWN OF LANCASTER FOR THE MARKING OF LANCASTER MUNICIPAL UTILITIES, CONTACT DIG-SAFE AT 1-888-344-7233 OR 1-800-322-4844 AT LEAST 72 HOURS PRIOR TO EXCAVATION.
6. DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.
7. CONTRACTOR SHALL REFER TO MASSDOT 1988 STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES FOR PRODUCT AND MATERIAL GUIDELINES.



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NORTH

BOBREK Engineering & Construction

PO BOX 2185
DANVERS, MA 01923
WWW.gobobrek.COM

CLIENT INFO

357 STERLING RD
LANCASTER, MA

PROJECT INFO

REV	DESCRIPTION	DATE

STAMP:

EXISTING CONDITIONS

SHEET NAME:

C-100

SHT NO:

DR BY: BTP
CHK BY: JPB
PROJ NO: 23-004
DATE: MAY 2023
SCALE: 1"=20'

NOTES

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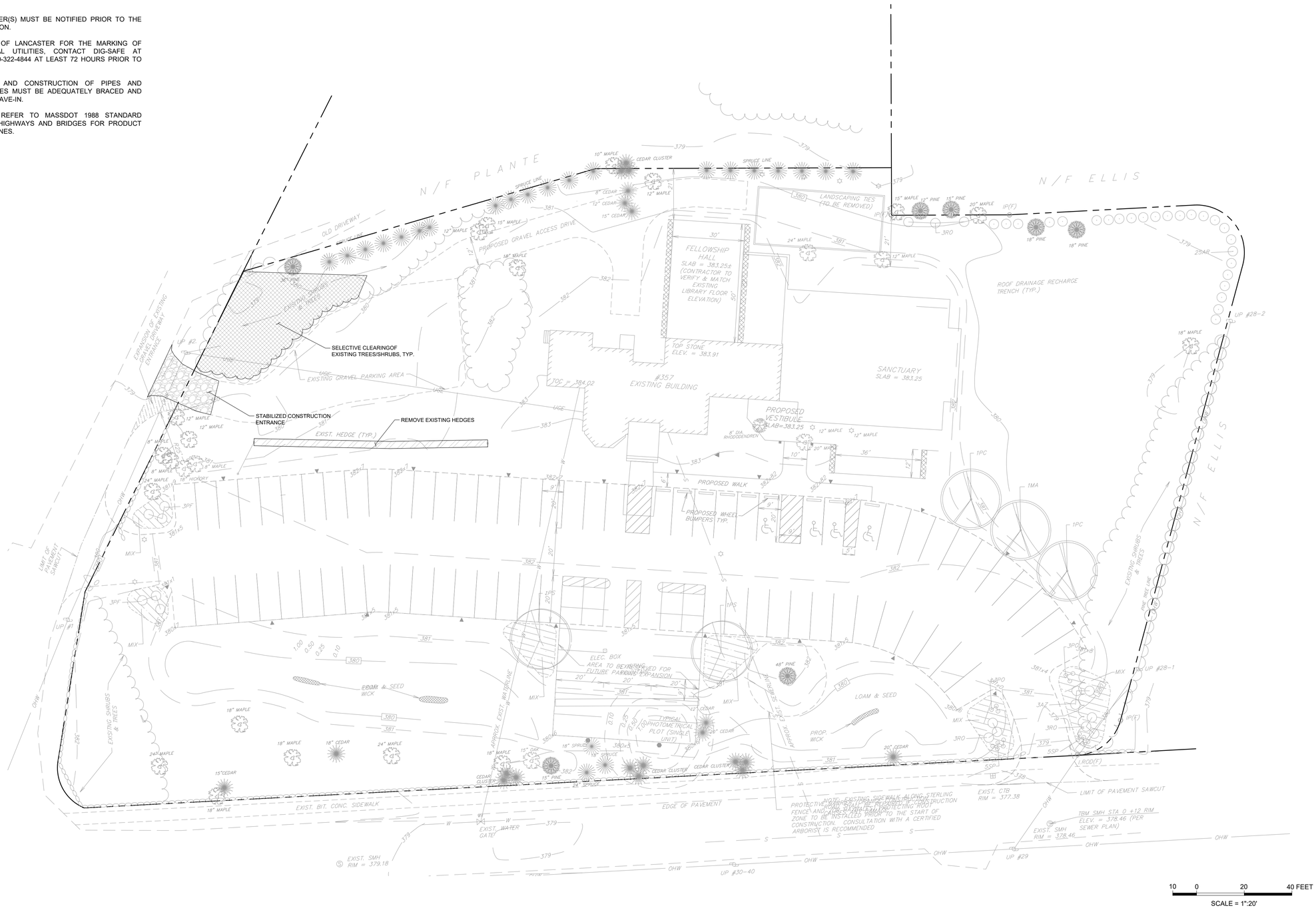

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CLIENT INFO

357 STERLING RD
LANCASTER, MA

PROJECT INFO

REV	DESCRIPTION	DATE

STAMP:

SITE PREP PLAN

SHEET NAME:

C-200

SHT NO:

DR BY: BTP
CHK BY: JPB
PROJ NO: 23-004
DATE: MAY 2023
SCALE: 1"=20'

NOTES

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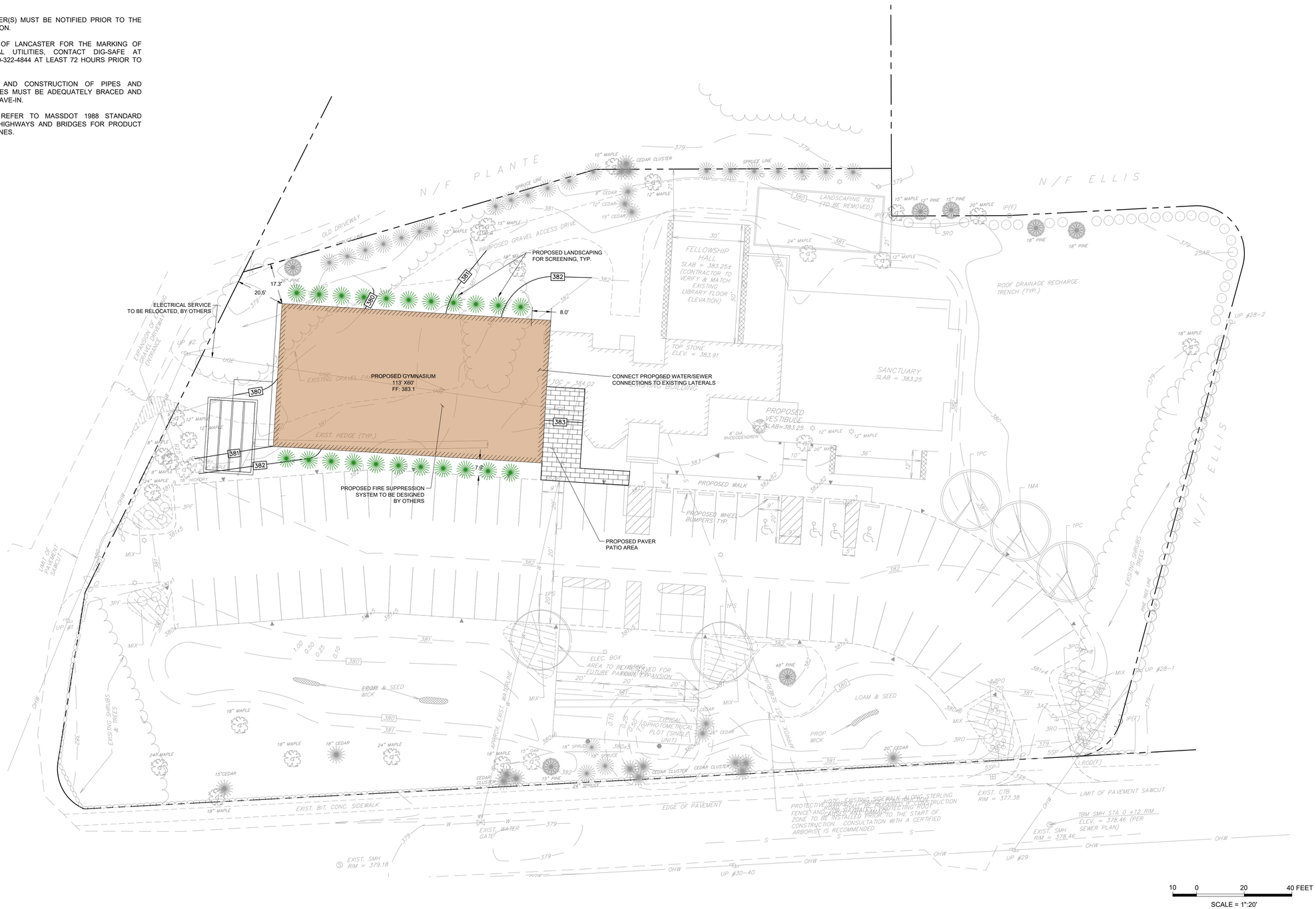

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CLIENT INFO

357 STERLING RD
LANCASTER, MA

PROJECT INFO

REV	DESCRIPTION	DATE

STAMP:

COMMONWEALTH OF MASSACHUSETTS
BRENDAN T. PRUNIER
No. 39848
REGISTERED PROFESSIONAL ENGINEER

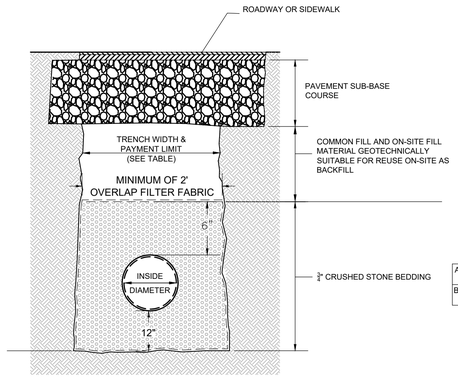
SITE PLAN

SHEET NAME:

C-300

SHT NO:

DR BY: BTP
CHK BY: JPB
PROJ NO: 23-004
DATE: APRIL 2023
SCALE: 1"=20'



TRENCH PAY LIMIT TABLE FOR PIPES

PIPE SIZE (DIA.)	MAX TRENCH WIDTH
LESS THAN 2"	2'-0"
2" TO 6"	3'-0"
8" TO 22"	4'-0"
24" & GREATER	I.D. + 2'-0"

I.D. = INSIDE DIMENSION

FOR TRENCHES GREATER THAT 5' DEEP ADD MAXIMUM 3' FOR TEMPORARY SUPPORT OF EXCAVATION

FILTER FABRIC USE

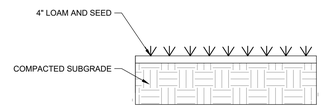
	SOIL TYPE	
	SILT OR CLAY	GRANULAR SOIL
ABOVE GROUND WATER	FILTER FABRIC NOT REQUIRED	FILTER FABRIC NOT REQUIRED
BELOW GROUND WATER	FILTER FABRIC REQUIRED	FILTER FABRIC NOT REQUIRED

NOTE:

ANY LENGTHS OF PIPE BETWEEN STRUCTURES OVER 150' IN LENGTH SHALL HAVE A BENTONITE CHIP DAM INSTALLED 1' WIDE BY PIPE BEDDING CROSS SECTION

TYPICAL UTILITY TRENCH

NOT TO SCALE

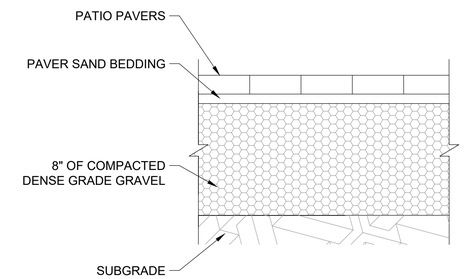


GRASS RESTORATION

NOT TO SCALE

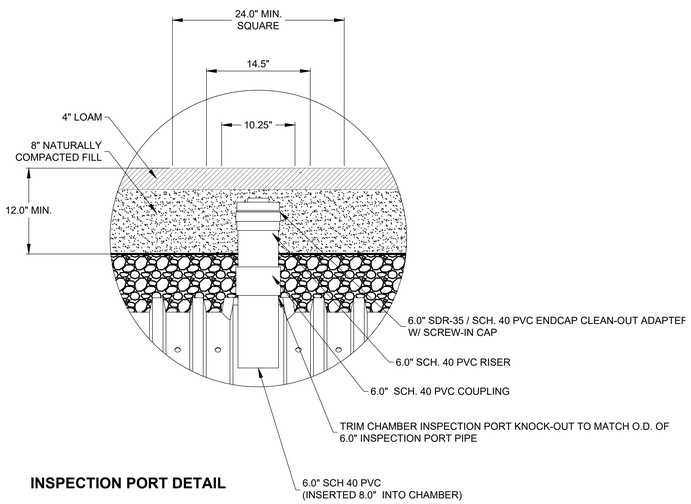
NOTE:

1. CONTRACTOR SHALL BE RESPONSIBLE TO ESTALISH & MAINTAIN GROWTH FOR 2 MONTHS OF GROWING SEASON.
2. GRASS SEED SHALL MATCH EXISTING CONDITIONS.

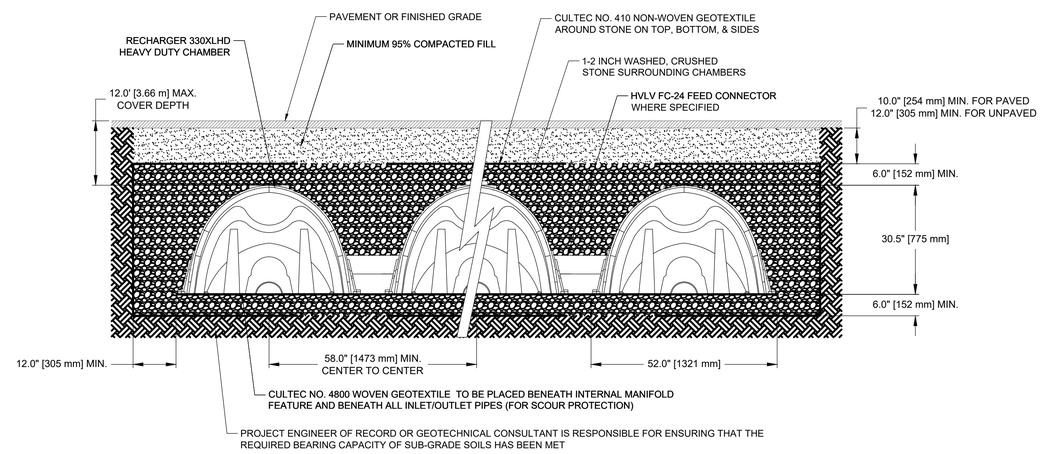


PATIO PAVER SECTION

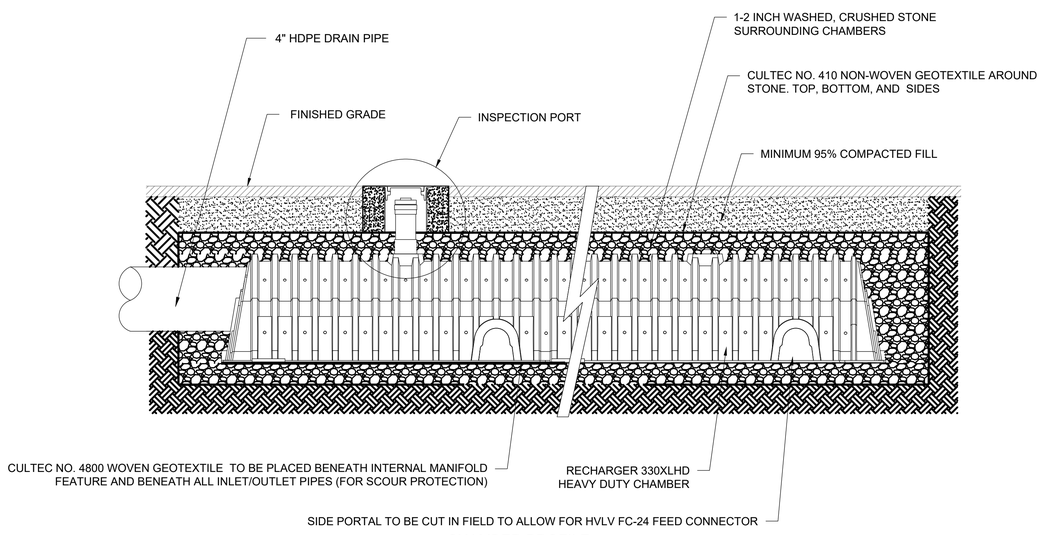
NOT TO SCALE



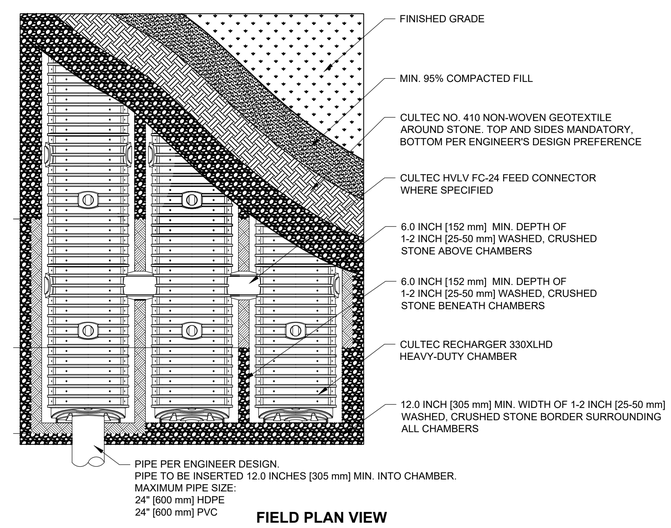
INSPECTION PORT DETAIL



CROSS SECTION



CHAMBER PROFILE



FIELD PLAN VIEW

10 0 20 40 FEET

SCALE = 1":20'

CULTEC R-330XLHD INFILTRATION CHAMBER

(NOT TO SCALE)

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CLIENT INFO

357 STERLING RD
LANCASTER, MA

PROJECT INFO

REV	DESCRIPTION	DATE

STAMP:

CIVIL DETAILS

SHEET NAME:

C-400

SHT NO:

DR BY: BTP
CHK BY: JPB
PROJ NO: 23-004
DATE: JUNE 2023
SCALE: 1"=20'