Issued for: Notice of Intent

Issued: June 29, 2022

JDE Project Number: 01-2021-020

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#### LEGEND

EXIST	PROP		EXIST	PROP	
L=50.00'	L=50.00'	PROPERTY LINE	===12"D=====	—12"D——	DRAINAGE LINE
STA	STA	BASELINE	——— OD ——	——— OD ——	OVERFLOW DRAIN
		ZONING LINE	6"RD	—8"RD——	ROOF DRAIN
		ZOMINO LINE	12"S	———12 <b>"</b> S—	SEWER LINE
		GRAVEL ROAD	—-ОНW	- OHW	OVERHEAD WIRES
EOP	EOP	EDGE OF PAVEMENT	6"W	6"W	WATER LINE
BCC	BCC	BITUMINOUS CURB	——— FP ——	8"FP	FIRE PROTECTION LINE
CCB	CCB	CAPE COD BERM	— G ——	— G ——	GAS LINE
PCC	PCC PCC	PRECAST CONC. CURB	—— Е —	— Е —	UNDERGROUND ELECTRIC
VGC	VGC	VERT. GRAN. CURB	— т ——	— T ——	TELEPHONE LINE
SGC	SGC	SLOPED GRAN. CURB			TELLITIONE LINE
		LIMIT OF CURB TYPE	■	■ CB	CATCH BASIN
		SAWCUT		DCB	DOUBLE CATCH BASIN
	HEET 1 OF 30	MATCHLINE			DRAIN INLET
JLL 3	1101 30		(D)	<b>D</b> DMH	DRAIN MANHOLE
I I I	<u> </u>	STEEL GUARD RAIL			TRENCH DRAIN
		WOOD GUARD RAIL		ŗ	PLUG/STUB
		STOCKADE FENCE	FES	FES	FLARED END SECTION
	~~~~	TREE LINE	<u></u>	<u></u>	HEADWALL
	_xx	CHAIN LINK FENCE	(S) (S)	<b>S S</b>	GREASE TRAP
0000000		STONE WALL	ocs	OCS	CONTROL STRUCTURE
		RETAINING WALL	(\$)	<b>S</b>	SEWER MANHOLE
		HAY BALES	W	•	WATER MANHOLE
			•	WG ●	WATER GATE
2	4	MINOR CONTOUR	—◆► TSV	— <b>◆</b> ⊁TSV	TAPPING SLEEVE, VALVE, & BOX RISER
10	20	MAJOR CONTOUR	<b>©</b>	HYD <b>⊚</b>	FIRE HYDRANT
V//////		DI III DINO	WM	WM ⊡	WATER METER
□ EN		BUILDING	<b>W</b>	<b>@</b>	WELL
	_	BUILDING ENTRANCE	0	GG <b>⊙</b>	GAS GATE
	] <b>∢</b> LD	LOADING DOCK	GM	GM	GAS METER
	•	GARAGE DOOR	E	<b>€</b> EMH	ELECTRIC MANHOLE
		BOLLARD	EB	EB	ELECTRIC BOX
<del>-6-</del>	₹	SIGN	EM	EM ⊡	ELECTRIC METER
	<b>3E</b>	DOUBLE SIGN	<b>\$</b>	ф	LIGHT POLE
×27.21 TC 27.15 BC	× <sup>TOP</sup> BOTTOM	SPOT ELEVATION TOP & BOTTOM ELEVATION	$\bigcirc$	•	TELEPHONE MANHOLE
4	•	BORING LOCATION	FB	FB	FIRE ALARM BOX
			-0-		UTILITY POLE
		TEST PIT LOCATION	$\otimes$	$\otimes$	ROOF DRAIN CLEANOUT C

CORRUGATED PLASTIC PIPE

# Site Development Plans

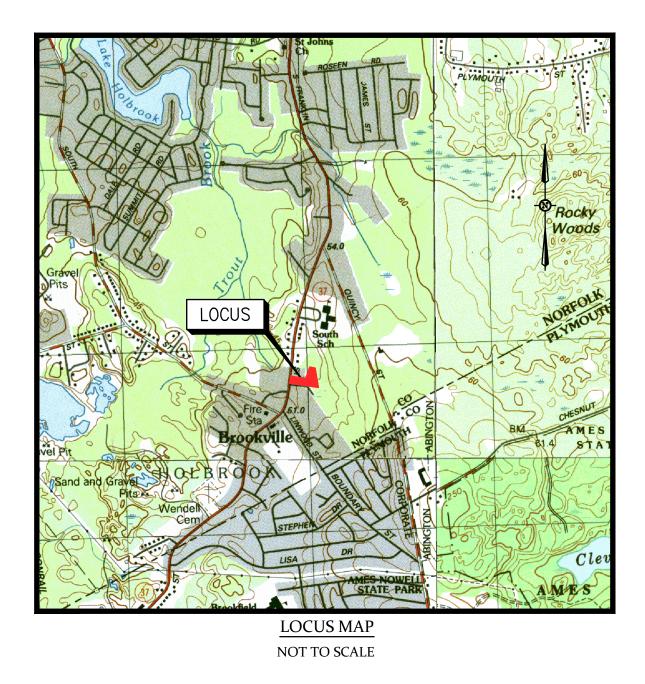
### Proposed Office & Shop Building

809 South Franklin Street (Route 37) Holbrook, Norfolk County, MA 02343

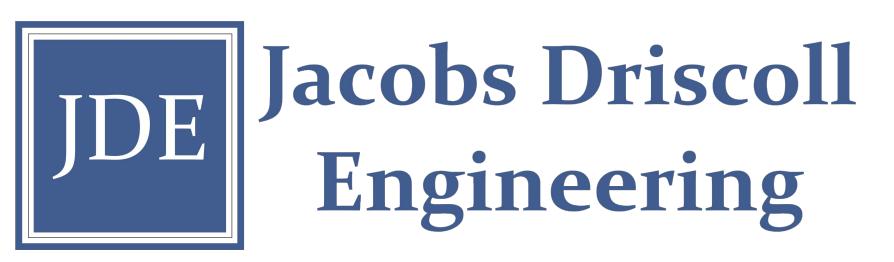
PREPARED FOR:

## Johnson Sheet Metal Co., Inc.

809 South Franklin Street (Route 37) Holbrook, Norfolk County, MA 02343



PREPARED BY:



Civil Engineering and Land Surveying Professionals 50 Oliver Street North Easton, MA 02356

#### **GENERAL CONSTRUCTION NOTES**

1. ALL PROPOSED WALKWAYS WILL BE HANDICAPPED ACCESSIBLE. ALL

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY EXISTING INFORMATION OR OTHER PROPOSED IMPROVEMENTS. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO JACOBS DRISCOLL ENGINEERING (JDE). CONTRACTOR WILL REFER TO (JDE) FOR ALL TECHNICAL COMMENTS FOR RÉSOLUTION OF THE CONFLICT.

3. 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.

4. THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET". (R&R)

5. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDED. APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THEIR REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE THE START OF ANY WORK THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE T LOCATE THE UTILITIES EXACTLY. THE CONTRACTOR SHALL PRESERVE ALL 1-888-DIG-SAFE) AND THE TOWN OF HOLBROOK DPW AT LEAST 72 HOURS TO

LAWN AREAS SHALL HAVE A MODIFIED LOAM BORROW PLACED AND SEEDED. THE MODIFIED LOAM BORROW SHALL HAVE A MINIMUM DEPTH OF 4" AND SHALL BE

8. THE CONTRACTOR SHALL WATER. MOW. AND FERTILIZE LAWN AREAS UNTIL

UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY FACILITIES DAMAGED BY CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

10. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH SAME, AND COORDINATE WITH THE ENGINEER AS REQUIRED.

11. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND

12. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF OPERATIONS TO THE OWNER AND THEIR REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE OWNER, THEIR

13. FINAL LAYOUT AND STAKING OF ALL PROPOSED FEATURES AND GRADING REPRESENTATIVE PRIOR TO ANY SITE PREPARATION OR CONSTRUCTION. THE CONTRACTOR SHALL NOT ADJUST OR MODIFY THE LAYOUT AND STAKING OF ANY PROPOSED FEATURES UNTIL FINAL APPROVAL FROM THE OWNER'S

THE PROJECT SITE. STORAGE OF THESE ITEMS WILL NOT BE PERMITTED ON THE PROJECT SITE. THE CONTRACTOR SHALL LEAVE THE SITE IN A SAFE, CLEAN, AND LEVEL CONDITION AT THE COMPLETION OF THE SITE CLEARING

15. ALL ELECTRICAL, TELEPHONE, AND LOCAL FIRE DEPARTMENT CONDUITS ARE TO BE INSTALLED BY THE ELECTRICAL CONTRACTOR. TRENCHING, BACKFILLING, CONCRETE AND STREET REPAIR SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.

16. PROPOSED MANHOLE RIMS & GRATES ARE TO BE SET FLUSH AND CONSISTENT WITH GRADING PLANS. ADJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, GAS GATES, WATER GATES AND OTHER UTILITIES TO FINISHED GRADE WITHIN THE LIMITS OF THE SITE WORK. IF ANY CONFLICTS ARE DISCOVERED NOTIFY OWNER'S REPRESENTATIVE.

17. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANIES FOR POLE RELOCATION, AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, AS REQUIRED.

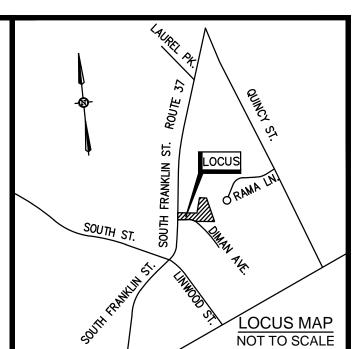
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A TOWN OF HOLBROOK PUBLIC WORKS CONSTRUCTION LICENSE. 19. OWNER MAY REMOVE SNOW FROM SITE AS NECESSARY AND WILL NOT

20. THE MAINTENANCE OF THE DRAINAGE SYSTEM IS THE OWNER'S

PLACE ON TOWN/STATE PROPERTY.

21. ANY HYDRANT, FIRE PROTECTION WATER SUPPLY LINE AND ASSOCIATED

22. SITE LIGHTING WILL BE BUILDING MOUNTED WALL PACK LED LIGHTS AND POLE MOUNTED LED LIGHTS WITH A MAX. POLE HEIGHT OF 20'. REFER TO SHEET #6 FOR LOCATIONS.



PERMITTING SET

	REVISIONS						
	No.	DATE	DESCRIPTION				
	1	8/18/2022	PER CON COM COMMENTS				
	·						
5							
	DR	AWN BY:	JVW				
	СН	ECKED BY	Y: EPJ / GWD				

#### COVER, GENERAL **NOTES AND LEGEND**

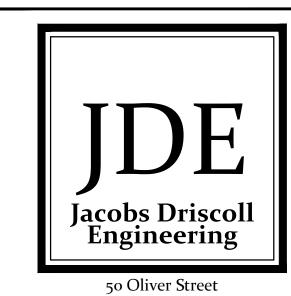
GWD / JVW

809 S. FRANKLIN STREET **HOLBROOK** (NORFOLK COUNTY) **MASSACHUSETTS** 

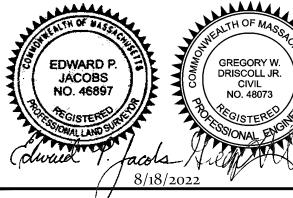
**DESIGNED BY:** 

JUNE 29, 2022

PREPARED FOR: JOHNSON SHEET METAL CO., INC 809 S. FRANKLIN **STREET HOLBROOK** MASSACHUSETTS 02343

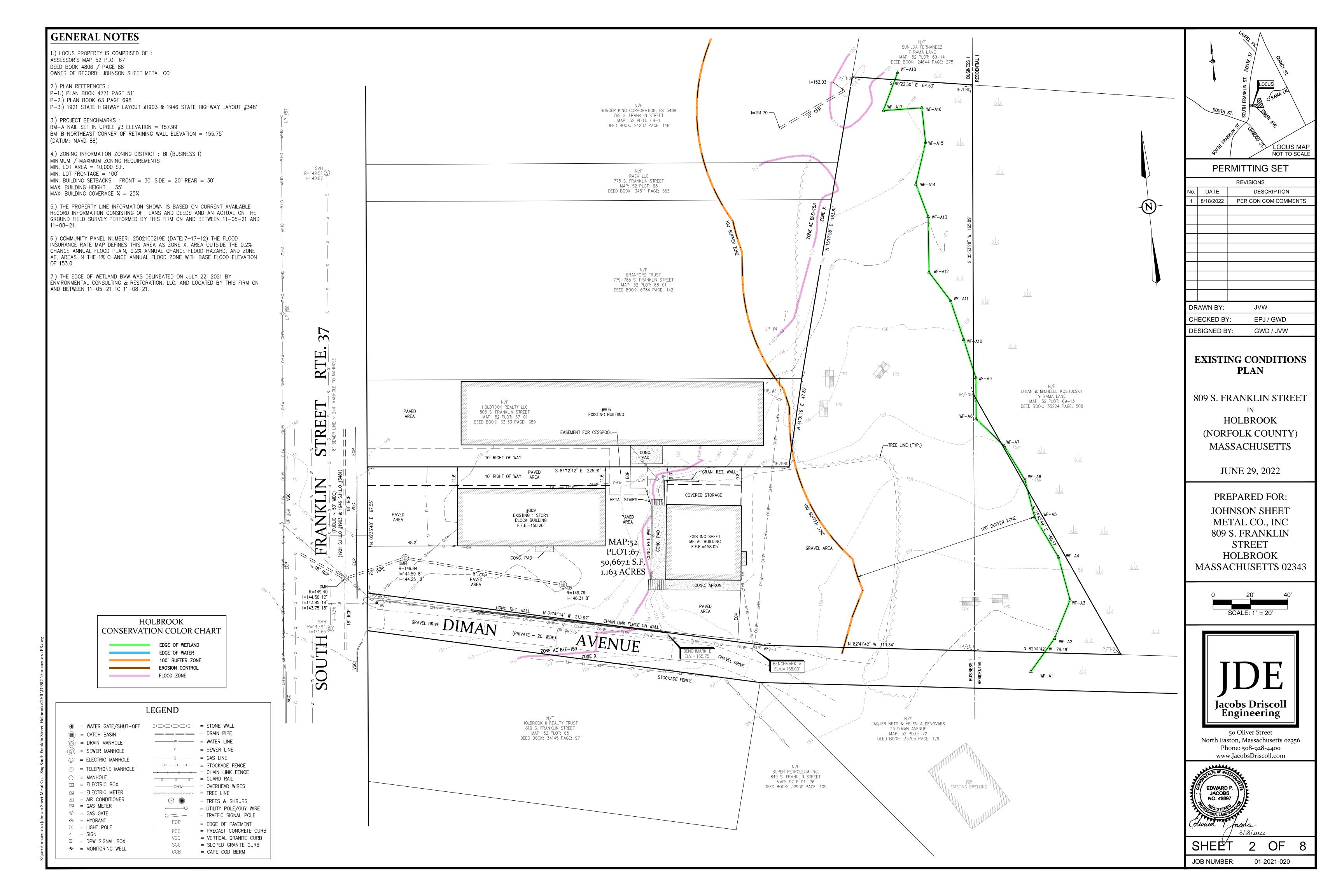


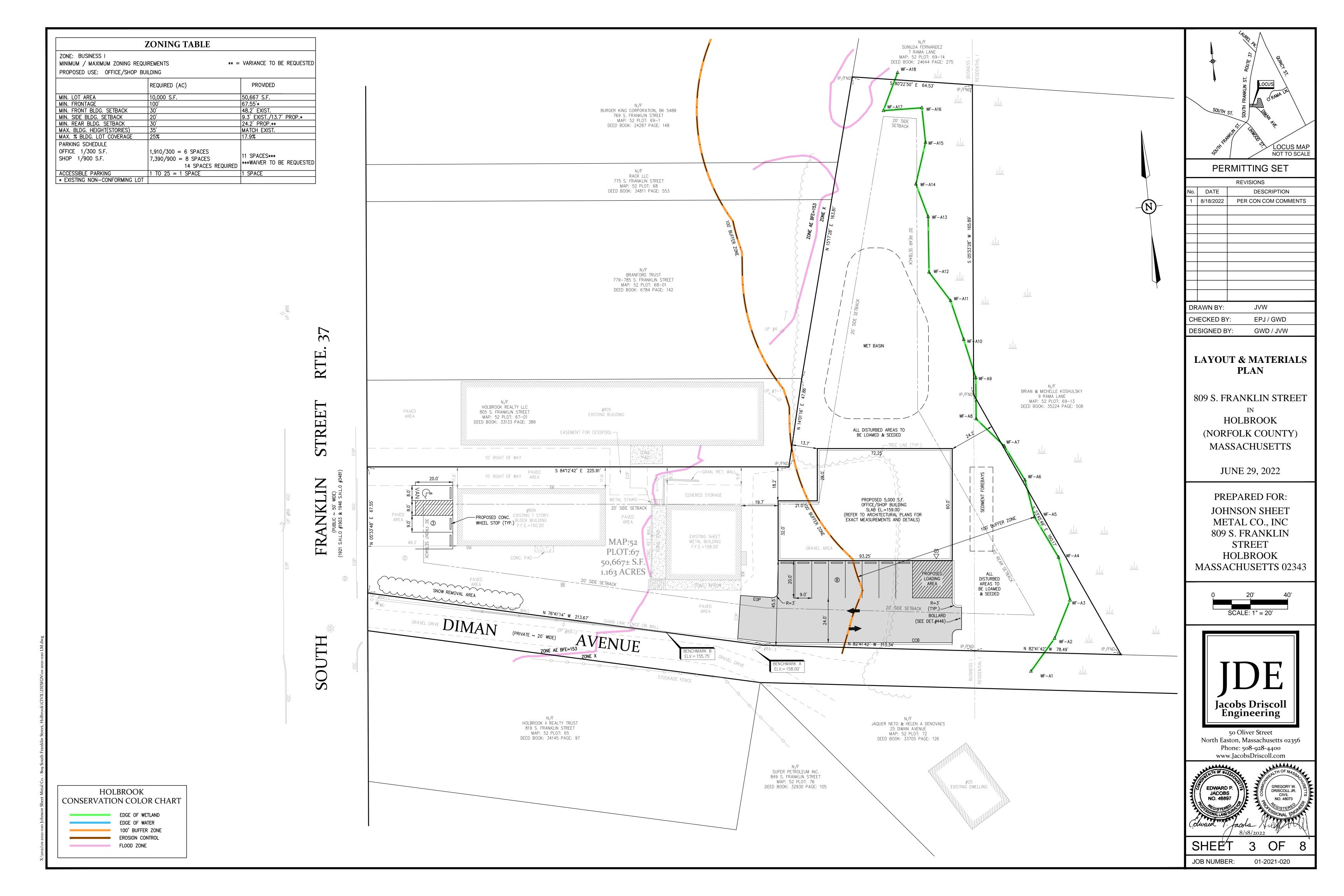
North Easton, Massachusetts 02356 Phone: 508-928-4400 www.JacobsDriscoll.com



JOB NUMBER:

01-2021-020





#### **GRADING AND DRAINAGE NOTES**

- 1. THE PROJECT ELEVATIONS ARE BASED ON THE NAVD 88 VERTICAL DATUM.
- 2. DEMOLITION DEBRIS, EXCESS AND UNSUITABLE MATERIALS FROM THE DEMOLITION OPERATION SHALL BE REMOVED FROM THE SITE AND DISPOSED
- 3. DISTURBED AREAS SHALL BE PROTECTED AT ALL TIMES TO CONTROL SEDIMENT TRANSPORT BEYOND THE LIMIT OF WORK.
- 4. DISTURBED AREAS SHALL BE TREATED WITH WATER DURING EXCAVATION, OR APPROVED ALTERNATIVE, FOR DUST CONTROL.

OF IN A LEGAL MANNER BY THE CONTRACTOR.

- 5. ALL DISTURBED AREAS NOT OTHERWISE TREATED SHALL BE STABILIZED WITH 4" LOAM, SEED, & MULCH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AREAS UNTIL VEGETATION HAS BEEN PERMANENTLY ESTABLISHED. SLOPES IN EXCESS OF 3:1 SHALL BE FURTHER STABILIZED WITH EROSION CONTROL BLANKETS (ECB) OF CURLEX OR EQUAL.
- 6. ALL DRAINAGE STRUCTURES AND PIPING SHALL BE DESIGNED AND INSTALLED FOR H-20 LOADING.
- 7. CPP HIGH DENSITY POLYETHYLENE CORRUGATED PIPE WITH SMOOTH INTERIOR WALL TO MEET ADS N-12 PIPE SPECIFICATION OR EQUAL. CPP PIPE USE SHALL BE ALLOWED AS NOTED, WITH A DIAMETER UP TO AND INCLUDING 24". BACKFILLING CPP MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS AND SPECIAL CARE MUST BE EXERCISED (SEE ADS PRODUCT NOTE 3.115).
- 8. ROOF DOWNSPOUTS SHALL BE TIED INTO ROOF DRAINS AS SHOWN ON PLAN. ROOF DRAINS TO BE AT LEAST 6" CPP AT 1.00% SLOPE MINIMUM, UNLESS OTHERWISE NOTED. MINIMUM TYPICAL COVER SHALL BE 2 FEET, UNLESS OTHERWISE NOTED.
- 9. ALL RCP PIPE TO MEET CLASS IV SPECIFICATIONS.
- 10. ALL PIPE INSTALLATIONS SHALL FOLLOW PROJECT SPECIFICATIONS AND PIPE MANUFACTURER RECOMMENDATIONS.
- 11. INSPECTION AND MAINTENANCE, AS OUTLINED HEREIN, SHALL BE PERFORMED FOUR TIMES WITHIN THE FIRST YEAR OF OPERATION. THENCE, INSPECTIONS AND MAINTENANCE SHALL BE CONDUCTED ON A SEMIANNUAL BASIS (2 TIMES A YR.) AND AFTER ALL LARGE STORMS. AN INSPECTION REPORT SHALL BE MAINTAINED.
- 12. ACCUMULATED DEBRIS IN CATCH BASINS, TRENCH GRATES, BASINS AND LEACHING BASINS SHALL BE REMOVED BEFORE IT EXCEEDS 2 FEET IN DEPTH AND DISPOSED OF PROPERLY. BROKEN OR DAMAGED GAS TRAPS/ HOODS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO ENSURE ADEQUATE FUNCTION.

#### **UTILITY NOTES**

- 1. 12" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN ALL UTILITY CROSSINGS.
- 2. A MINIMUM 10' HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER AND SEWER LINES. WHERE WATER LINES CROSS SEWER LINES, THE SEWER LINE SHALL BE LOCATED WITH A MINIMUM VERTICAL CLEARANCE OF 18" BELOW THE WATER LINE. THE SEWER LINE JOINTS SHALL BE LOCATED EQUIDISTANT AND AS FAR AWAY FROM THE WATER LINE AS POSSIBLE. WHEN IT IS IMPOSSIBLE TO ACHIEVE HORIZONTAL AND/OR VERTICAL SEPARATION AS STIPULATED ABOVE. BOTH THE WATER LINE AND SEWER LINE AT THE CROSSING LOCATION SHALL BE CONSTRUCTED OF MECHANICAL JOINT CEMENT-LINED DUCTILE IRON PIPE FOR ONE FULL 20' PIPE LENGTH OR ANOTHER EQUIVALENT THAT IS WATERTIGHT AND STRUCTURALLY SOUND. THE JOINTS FOR BOTH PIPES SHALL BE LOCATED AS FAR AWAY FROM THE CROSSING AS POSSIBLE. BOTH PIPES SHOULD BE PRESSURE TESTED TO 150 PSI TO ENSURE THAT THEY ARE WATERTIGHT.
- 3. SEWER BUILDING CONNECTIONS SHALL BE 6" MIN. SDR 35 PVC, UNLESS OTHERWISE NOTED, AT A SLOPE OF 1% MINIMUM FROM MAINLINE TO BUILDING UNIT WITH A CLEAN OUT SET AT A DISTANCE OF 10' (UNLESS OTHERWISE NOTED) OFF FOUNDATION.
- 4. TYPICAL COVER OVER WATER LINE SHALL BE 5'. IF LESS THAN 4' OF COVER IS PROVIDED, INSULATE WATER LINE AGAINST FREEZING.
- 5. GAS, ELECTRIC, DATA/COM IS SHOWN SCHEMATICALLY HEREON. THESE UTILITIES SHALL BE INSTALLED WITH A MINIMUM COVER OF 3 FEET UNLESS OTHERWISE NOTED OR OTHERWISE DIRECTED BY THE CONTROLLING UTILITY COMPANY. CONTRACTOR SHALL COORDINATE FINAL LAYOUT WITH APPLICABLE UTILITY COMPANY.
- 6. ALL COMMERCIAL LIGHTING SHALL DIRECT ALL LIGHT SO AS TO KEEP ALL LIGHTING WITHIN SUBJECT LOT.
- 7. ALL UTILITY CUTS THROUGH EXISTING CONCRETE OR BITUMINOUS CONCRETE PAVED SURFACES SHALL BE SAW CUT. BACK FILLING OF TRENCH SHALL INCLUDE 12" IN DEPTH FLOWABLE FILL TO BE THE BASE COURSE OF THE SURFACE TREATMENT. THE SURFACE TREATMENT SHALL THEN BE REPLACED IN KIND. IF THE BITUMINOUS CONCRETE SURFACE IS WITHIN THE ROADWAY THE BITUMINOUS CONCRETE TOP COURSE SHALL BE FINISHED WITH INFRARED TREATMENT TO BLEND EXISTING & NEWLY PAVED SURFACES.

#### **CONSTRUCTION SEQUENCE**

- 1. INSTALL EROSION CONTROL DEVICES TO ESTABLISH THE LIMIT OF WORK AS SHOWN ON PLAN.
- 2. CONSTRUCT TEMPORARY CONSTRUCTION EXIT AREA AS SHOWN ON DETAIL #509.
- 3. DISCHARGES FROM DEWATERING OF EXCAVATIONS SHALL NOT BE DIVERTED DIRECTLY INTO ANY WETLANDS OR EXISTING STORM DRAINS WITHOUT PRETREATMENT VIA SETTLING BASINS.
- 4. CLEAR AND GRUB SITE WITHIN THE LIMIT OF WORK.

RTE

ÌЦ

Щ

IR

FR

I=143.85 18"<sub>+</sub> I=143.75 18"

R=149.94

- 5. CONSTRUCT STORM WATER MANAGEMENT BASIN TO BE USED AS SEDIMENT TRAP. INSTALL LOW FLOW PERFORATED PIPE WITH FILTER FABRIC AND STONE. DO NOT INSTALL LOW FLOW ORIFICE CAP UNTIL SITE IS FULLY STABILIZED.
- ESTABLISH ROUGH SUB GRADES FOR PARKING LOT AND BUILDING PLATFORM.
- 7. PERFORM BUILDING AND SITE CONSTRUCTION PER APPROVED SITE PLANS.
- 8. INSPECT AND MAINTAIN EROSION CONTROL MEASURES AFTER RAINFALL EVENTS AND A MINIMUM OF ONCE PER WEEK.
- 9. REMOVE SEDIMENT BUILDUP AT EROSION CONTROL DEVICES AS NEEDED. REDISTRIBUTE MATERIAL OVER SITE IN CONFORMANCE WITH EARTHWORK SPECIFICATIONS.
- 10. AS DRAINAGE STRUCTURES ARE INSTALLED, INSTALL FILTER FABRIC AND STRAW BALES AROUND NEW STRUCTURES IN ACCORDANCE WITH DETAIL #607 AND MAINTAIN THEM UNTIL PAVEMENT IS IN PLACE AND VEGETATION IS ESTABLISHED. ALL OUTFALLS SHALL BE IMMEDIATELY STABILIZED WITH STONE PROTECTION AS REQUIRED.
- 11. ALL CUT AND FILL SLOPES SHALL BE TEMPORARILY STABILIZED WITH TOP SOIL, SEED AND MULCH OR CURLEX AS REQUIRED IF CONSTRUCTION ACTIVITY CEASES ON SAID SLOPES FOR A PERIOD OF SEVEN DAYS OR GREATER. ALL SLOPES SHALL BE PERMANENTLY STABILIZED AS REQUIRED IMMEDIATELY UPON COMPLETION OF FINAL GRADING.
- 12. COMPLETE FINISH GRADING AND STABILIZATION OF SITE. PLACE FINAL PAVING COURSE.
- 13. REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES AND PIPES AFTER COMPLETION OF CONSTRUCTION. REMOVE AND REGRADE TEMPORARY BERMS. SWALES. CHECK DAMS. ETC. STABILIZE DISTURBED AREAS.
- 14. CLEAN OUT ALL SEDIMENT FROM STORM WATER MANAGEMENT BASIN AND OUTLET STRUCTURES. REGRADE TO CONTOURS PER DESIGN. STABILIZE ALL SLOPES AS REQUIRED.

HOLBROOK REALTY LLC

805 S. FRANKLIN STREET

MAP: 52 PLOT: 67-01

10' RIGHT OF WAY

10' RIGHT OF WAY AREA

PROPOSED GAS SERVICE

EXISTING 1 STORY

BLOCK BUILDING

F.F.E.=150.20

(PRIVATE/~ 20' WIDE)

NOTE: CONTRACTOR TO CAMERA EXISTING SEWER SERVICE LINE ON SITE AND NOTIFY JDE FOR SURVEY LOCATION OF MARKINGS. JDE WILL THEN MODIFY THEY

SEWER CONNECTION DESIGN, IF NECESSARY. CONTRACTOR TO ALSO COORDINATE

HOLBROOK II REALTY TRUST

819 S. FRANKLIN STREET

MAP: 52 PLOT: 65

DEED BOOK: 34145 PAGE: 97

WITH WATER DEPARTMENT TO MARK OUT THE EXISTING WATER SERVICE.

ZONE AE BFE=153

LV.= 155.75

-CONTRACTOR TO COORDINATE ALL

UNDERGROUND UTILITY CONNECTIONS

WITH APPROPRIATE UTILITY COMPANY

DEED BOOK: 33133 PAGE: 389

15. REMOVE EROSION CONTROL DEVICES & SILT FENCE UPON ESTABLISHMENT OF PERMANENT GROUND COVER AND ISSUANCE OF A CERTIFICATE OF COMPLIANCE FROM THE HOLBROOK CONSERVATION COMMISSION. STABILIZE ALL AREAS WHERE STRAW WATTLES (EROSION CONTROL DEVICE) WERE REMOVED.

PAVED

ARFA

CONNECT TO EXISTING

R=149.60

PAVED

INV=144.80

R=149.84

CONTRACTOR TO COORDINATE JTILITY CONNECTIONS WITH THE CBAT

PRIOR TO INSTALLATION

APPROPRIATE UTILITY COMPANY R= 149.75
AND TOWN OF HOLBROOK DPW

/ I=144.25 12"

I=144.59 8" **R=149.85** 

INV=145.32

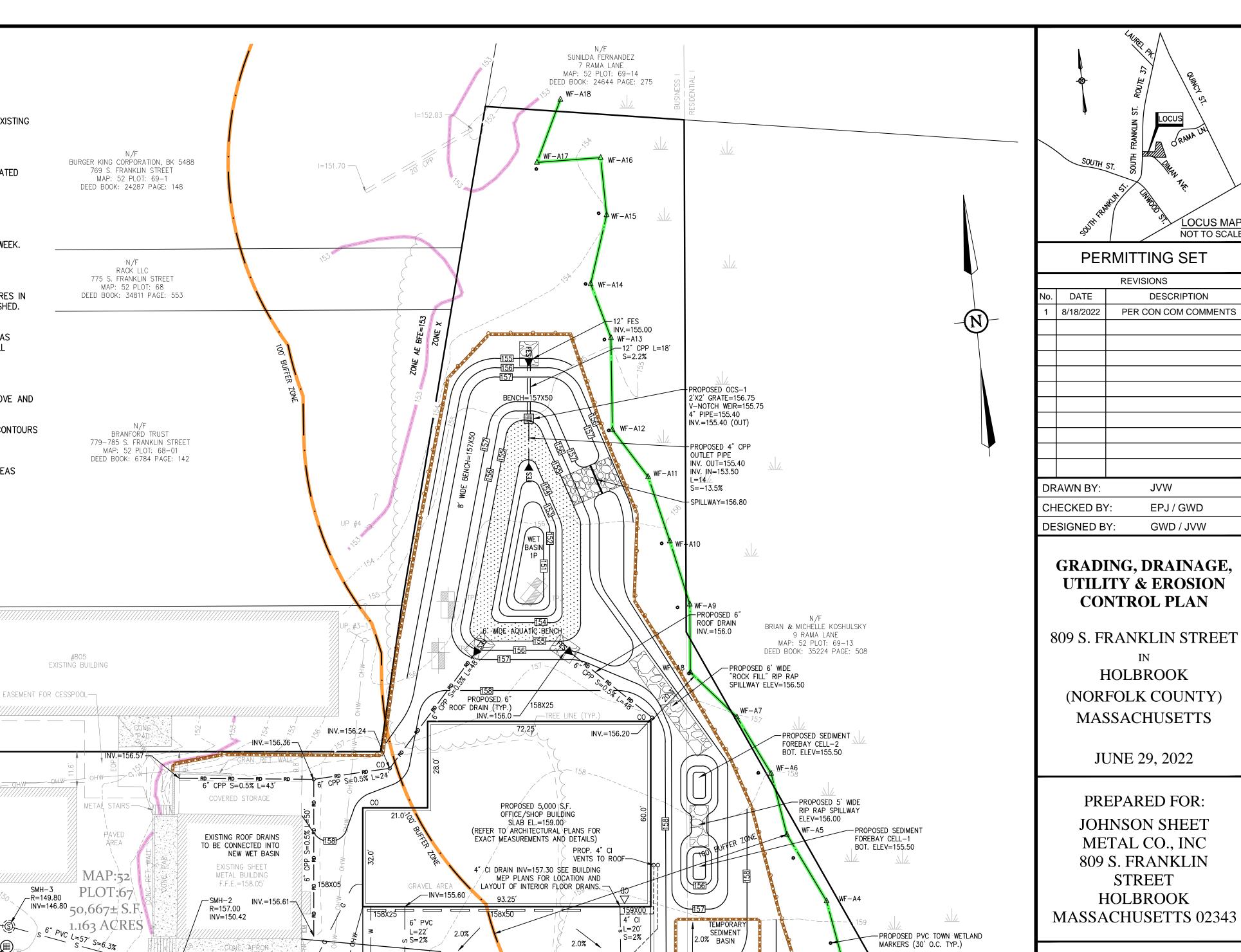
PROPOSED 1" WATER SERVICE

DIMAN

PROPOSED INLET PROTECTION

SILT SACK (SEE DET#514)-

- SEWER CONNECTION



L=70' S=2%/

PROPOSED

TEMP/

STOCKPILE

ARĘ⁄A

PROPOSED TEMPORARY

EXIT (SEE DET#509)

SUPER PETROLEUM INC. 849 S. FRANKLIN STREET MAP: 52 PLOT: 76 DEED BOOK: 32930 PAGE: 105

STABILIZED CONSTRUCTION

PROPOSED

AREA

(SEE DET#518)

PROPOSED OIL/GAS

R=158.30

(SEE ∕DET#112)——

INV=156.89 IN

INV=156.56 OUT

JAQUER NETO & HELEN A DENOVAES

25 DIMAN AVENUE

DEED BOOK: 33705 PAGE: 126

MAP: 52 PLOT: 72

DE-WATERING

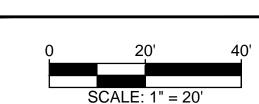
157X40

EXISTING DWELLING

-PROPOSED 1

STONE DIAPHRAGM

(SEE DET#127)



-PROPOSED STRAW WATTLES

& SILT FENCE (TYP.)

(SEE DET#522)`

WF-A3

PROPOSED RIP RAI

OR BOULDER

SLOPE

WF-A2

OCUS MAP

NOT TO SCALE

PERMITTING SET

REVISIONS

DESCRIPTION

PER CON COM COMMENTS

JVW

CONTROL PLAN

IN

**HOLBROOK** 

**MASSACHUSETTS** 

JUNE 29, 2022

PREPARED FOR:

JOHNSON SHEET

METAL CO., INC

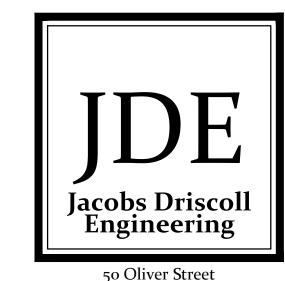
809 S. FRANKLIN

STREET

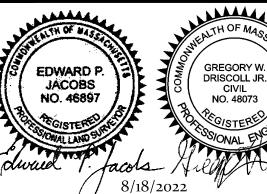
**HOLBROOK** 

EPJ / GWD

GWD / JVW

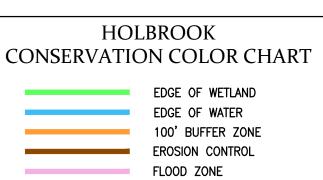


North Easton, Massachusetts 02356 Phone: 508-928-4400 www.JacobsDriscoll.com



01-2021-020

JOB NUMBER:



#### LANDSCAPE NOTES

1. FURNISH AND INSTALL ALL PLANTS SHOWN ON THE DRAWINGS SPECIFIED HEREIN, AND IN THE QUANTITIES LISTED ON THE PLANT LIST, NO SUBSTITUTIONS WILL BE PERMITTED, UNLESS APPROVED BY THE ENGINEER.

2. LOAM TO BE GOOD QUALITY, FERTILE, FREE OF WEEDS, STICKS, STONES OVER 3/4", AND ROOTS. SPREAD TO A MINIMUM OF 6" OVER ALL PLANTED AREAS.

3. NURSERY STOCK SHALL MEET THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AS TO GRADING AND QUALITY.

4. ONLY NURSERY-GROWN PLANTS, GROWN IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES AND GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST (2) YEARS, WILL BE ACCEPTED.

5. SET PLANTS PLUMB AND AT A LEVEL THAT AFTER SETTLEMENT THEY BEAR THE SAME RELATION TO THE SURROUNDING GROUND AS THEY BORE TO THE GROUND FROM WHICH THEY WERE DUG. SETTLE BACKFILL MATERIAL FOR PLANTS, THOROUGHLY AND PROPERLY BY FIRMING OR TAMPING FORM SAUCERS CAPABLE OF HOLDING WATER ABOUT INDIVIDUAL PLANTS, BY PLACING RIDGES OF PLANTING SOIL AROUND EACH.

6. STAKE ALL TREES OVER 5' AS SHOWN ON PLANS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.

7. WATERING: WATER ALL PLANTS WITHIN 48 HOURS AFTER PLANTING IF CONDITIONS WARRANT, AND AS MANY TIMES THEREAFTER TO SUSTAIN HEALTHY CONDITIONS, SATURATE THE SOIL AROUND EACH PLANT THOROUGHLY AT EACH WATERING.

8. PRUNING: PRUNE PLANTS, AS DIRECTED BY THE OWNER, AT THE PROJECT SITE BEFORE OR IMMEDIATELY AFTER PLANTING IN ACCORDANCE WITH THE BEST HORTICULTURAL PRACTICE. CUT BROKEN, DEAD OR INJURED BRANCHES FLUSH WITH THE TRUNK OR THE LIMB. PRUNE ALL BROKEN ROOTS ON THE PLANT SIDE OF THE BREAK. PAINT CUTS OVER 3/4" IN DIAMETER WITH TREE WOUND PAINT. PRUNING SHALL NOT DEFORM OR OTHERWISE DESTROY THE TYPICAL SHAPE OR SYMMETRY OF THE PLANT AND SHALL NOT REDUCE THE HEIGHT BY MORE THAN ONE—THIRD. DO NOT CUT BACK THE LEADER OF THE PLANT UNLESS DIRECTED BY THE LANDSCAPE ARCHITECT.

9. FERTILIZING: FERTILIZE SHRUB BEDS WITH 10-6-4 FERTILIZER AT A RATE OF THREE POUNDS PER 100 SQUARE FEET OF SURFACE AREA, BROAD CAST. APPLY THE FERTILIZER UNIFORMLY TO THE SURFACE BEDS AND WORK INTO THE UPPER TWO INCHES OF SOIL. FERTILIZE INDIVIDUAL TREES AT THE RATE OF ONE AGRIFORM PELLET PER INCH OF TRUNK DIAMETER (FOLLOW MANUFACTURER'S WRITTEN INSTRUCTIONS). APPLY A SECOND APPLICATION OF FERTILIZER TO ALL PLANT ITEMS AT THE SAME SPECIFIED RATES OVER THE MULCH AT THE END OF AN EIGHT WEEK PERIOD.

10. MULCHING: COVER ALL PLANTED AREAS WITH 3" HEMLOCK BLEND MULCH, NO SUBSTITUTIONS, WITHIN A SEVENTY TWO (72) HOUR PERIOD AFTER PLANTING. ALL MULCHED BEDS TO HAVE WEED BARRIER FABRIC INSTALLED. ALL COMMERCIAL FOUNDATION PLANTING BEDS WILL BE \( \frac{3}{8} \)" PEA STONE OR ROCK MULCH PER STATE FIRE CODE.

11. GUARANTEE: ALL PLANTS FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER PRELIMINARY INSPECTION AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ALL DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED AT ONCE BY THE CONTRACTOR, FREE OF CHARGE.

12. PLANTING NUMBERS AND SPECIES ARE SUBJECT TO CHANGE BASED ON AVAILABILITY AT THE TIME OF INSTALLATION. CONTRACTOR TO COORDINATE WITH LANDSCAPING SUPPLIER AND SUBMIT REVISED LIST TO LOCAL BUILDING DEPARTMENT.

13. CONTRACTOR TO COORDINATE ALL TREE LOCATIONS WITH SUBSURFACE UTILITIES, ANY CONFLICTS FOUND WILL BE RESOLVED IN THE FIELD BY THE CONTRACTOR AND REPORTED TO THE ENGINEER OF RECORD. UTILITY LOCATIONS WILL TAKE PRECEDENCE OVER PROPOSED PLANTING LOCATIONS.

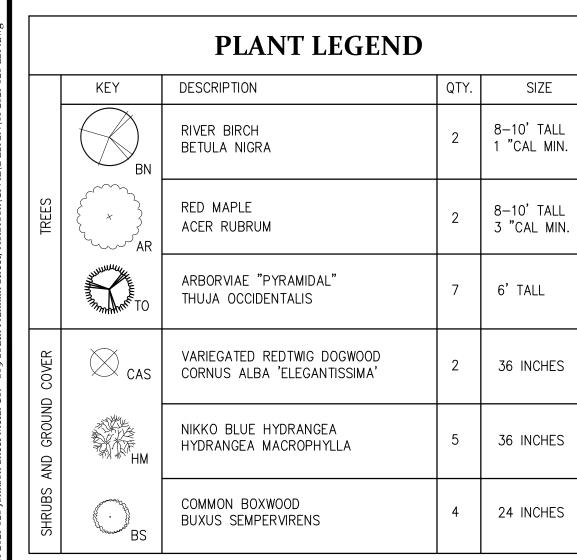
14. ALL PLANTINGS AT DRIVE WAY ENTRANCES WILL BE MAINTAINED TO A HEIGHT OF 3' OR LESS AS TO NOT OBSCURE TRAFFIC VISIBILITY AND SITE DISTANCE.

15. MINIMUM BRANCH HEIGHT FOR ALL SHADE TREES WILL BE 6' TALL.

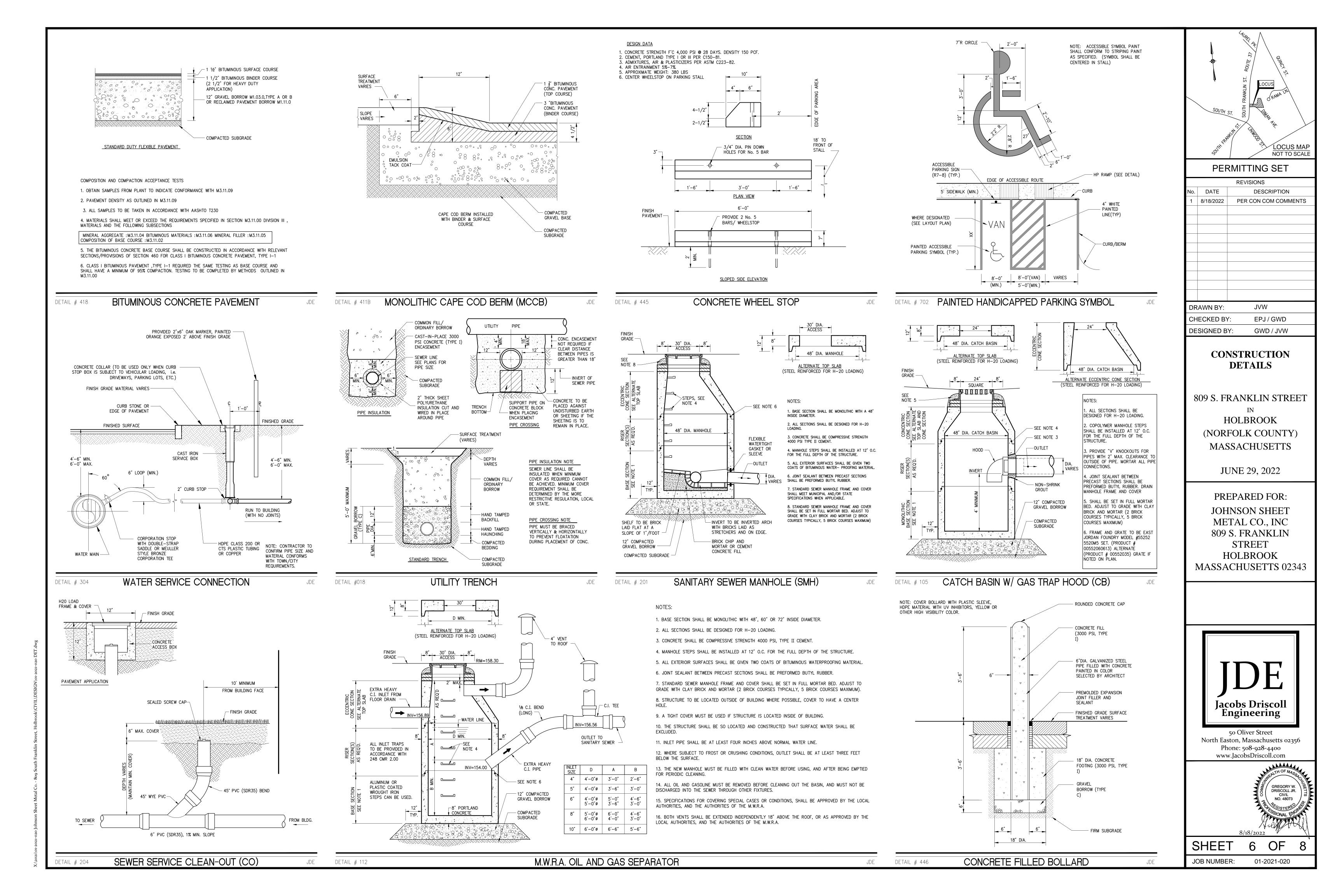
16. MINIMUM HEIGHT FOR EVERGREEN TREES WILL BE 6' TALL.

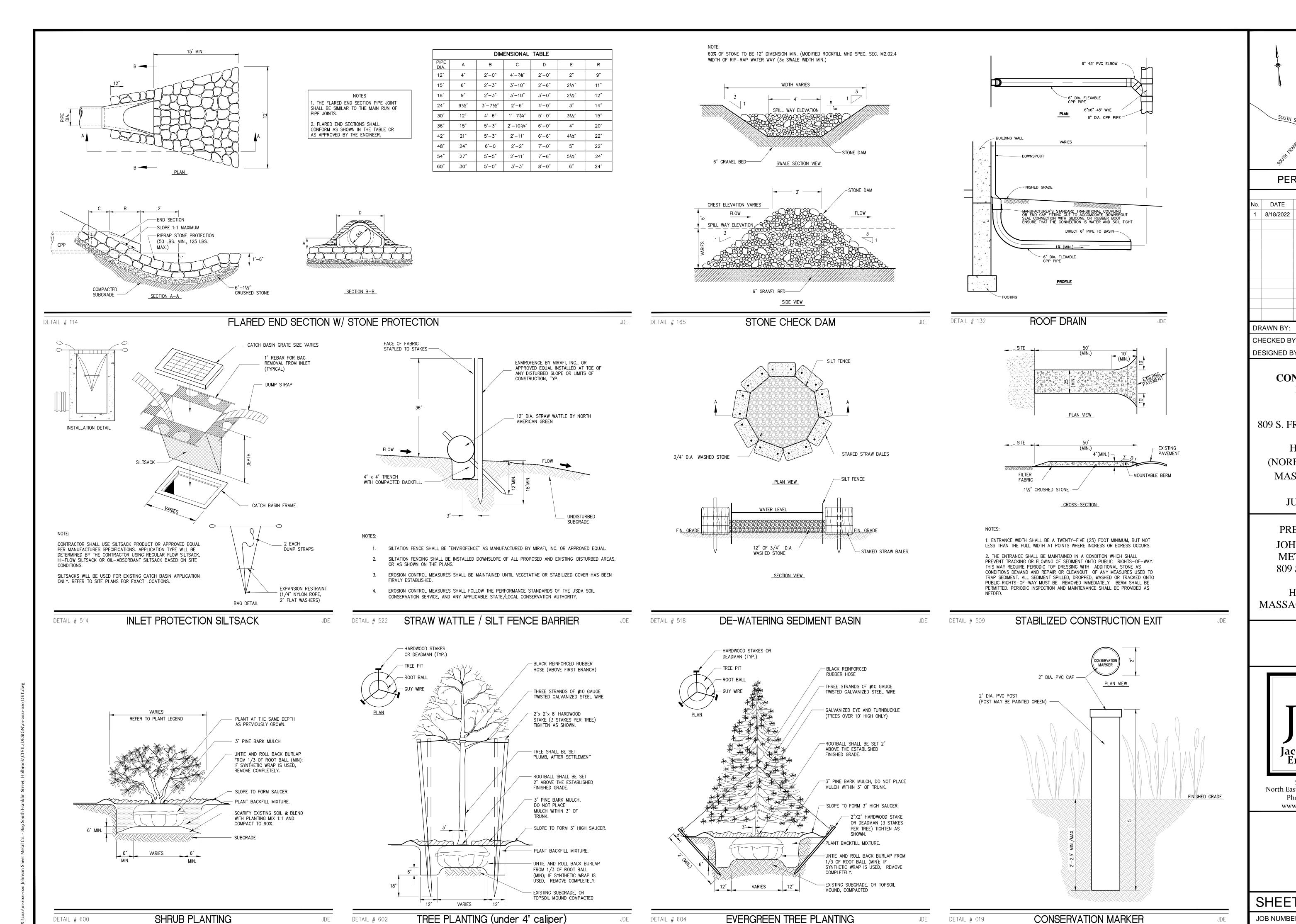
17. MINIMUM SIZE FOR SHRUBS WILL BE 3' TALL.

18. GROUND COVER PLANTINGS WILL BE PLACED IN A MODIFIED PLANTING BED 18" DEEP MINIMUM.









OCUS MAP NOT TO SCALE

PERMITTING SET

REVISIONS DESCRIPTION PER CON COM COMMENTS DRAWN BY: JVW

> CONSTRUCTION **DETAILS**

**DESIGNED BY:** 

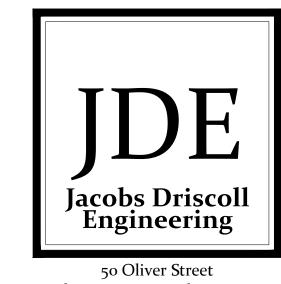
EPJ / GWD

GWD/JVW

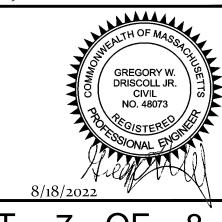
809 S. FRANKLIN STREET **HOLBROOK** (NORFOLK COUNTY) **MASSACHUSETTS** 

JUNE 29, 2022

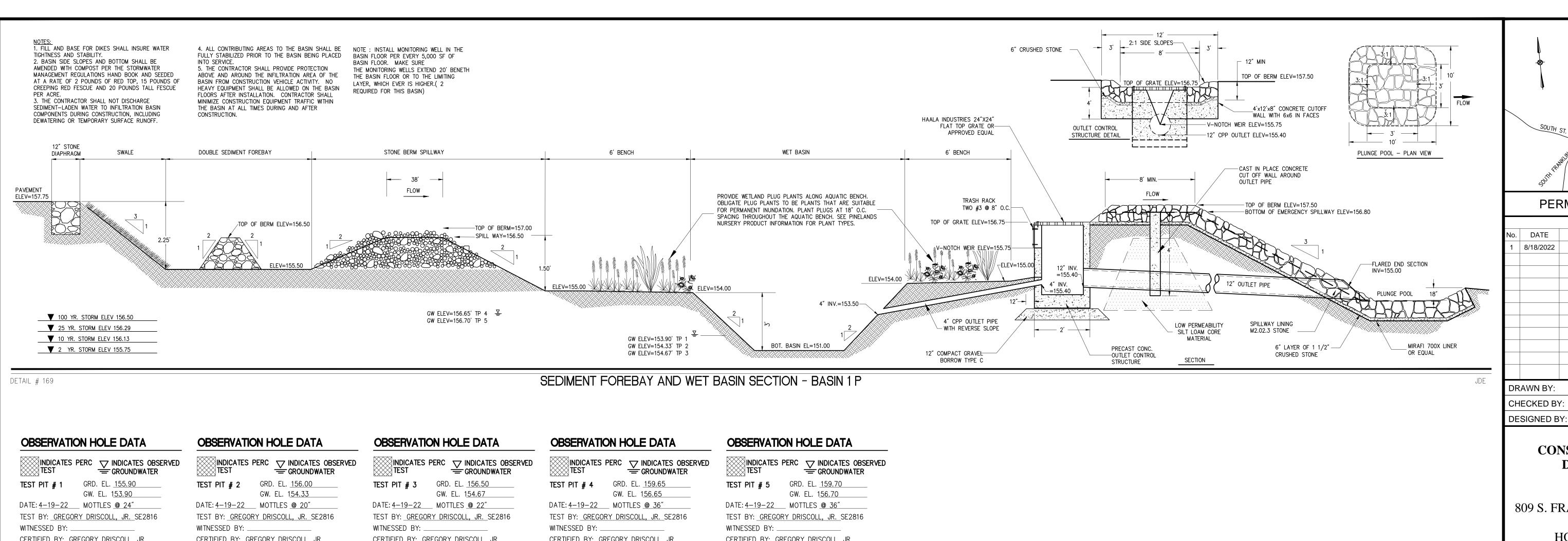
PREPARED FOR: JOHNSON SHEET METAL CO., INC 809 S. FRANKLIN **STREET HOLBROOK** MASSACHUSETTS 02343

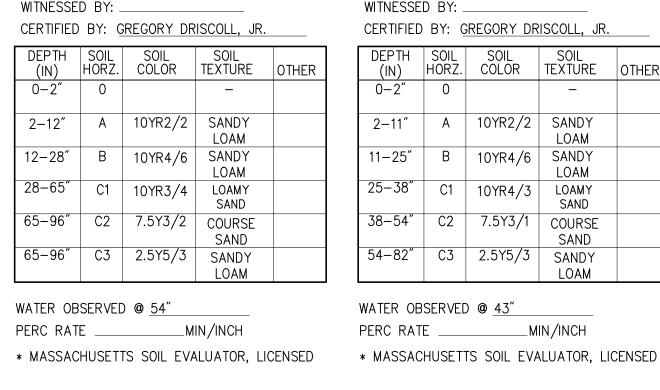


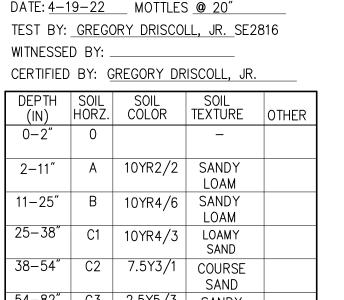
North Easton, Massachusetts 02356 Phone: 508-928-4400 www.JacobsDriscoll.com



JOB NUMBER: 01-2021-020







DEPTH (IN)	SOIL HORZ.	SOIL COLOR	SOIL TEXTURE	OTHER
0-2"	0		_	
2-11"	Α	10YR2/2	SANDY LOAM	
11-25"	В	10YR4/6	SANDY LOAM	
25–38″	C1	10YR4/3	LOAMY SAND	
38-54"	C2	7.5Y3/1	COURSE SAND	
54-82"	C3	2.5Y5/3	SANDY LOAM	

0 1 02	00	2.0107	J	LOAM		
WATER OB	SERVED	0 43"				
PERC RATI	Ε		_M	IN/INCH		

INDICATES PERC  INDICATES OBSERTED GROUNDWATER	V
<b>TEST PIT # 3</b> GRD. EL. <u>156.50</u>	
GW. EL. 1 <u>54.67</u>	
DATE: <u>4-19-22</u> MOTTLES <u>@ 22"</u>	
TEST BY: GREGORY DRISCOLL, JR. SE2816	
WITNESSED BY:	
CERTIFIED BY: GREGORY DRISCOLL, JR.	

_	CERTIFIED BT: OREGOINT BRIDGOLL, GN:						
	DEPTH (IN)	SOIL HORZ.	SOIL COLOR	SOIL TEXTURE	OTHER		
	0-2"	0		_			
	2-10"	Α	10YR2/2	SANDY LOAM			
	10-21"	В	10YR4/6	SANDY LOAM			
	21–36″	C1	10YR3/4	LOAMY SAND			
	36-50"	C2	7.5Y3/2	COURSE SAND			
	50-72"	C3	2.5Y5/3	SANDY LOAM			

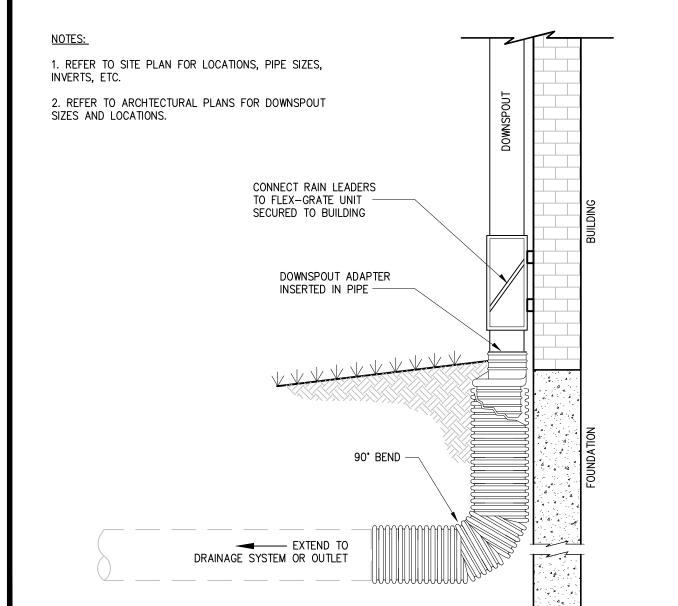
WATER OBSERVED @ 36"	
PERC RATEMIN/INCH	ł
* MASSACHUSETTS SOIL EVALUATOR	R, LICENSED

CERTIFIED BT. GREGORT DRISCOLL, JR.					
DEPTH (IN)	SOIL HORZ.	SOIL COLOR	SOIL TEXTURE	OTHER	
0-6"	Α	10YR2/2	SANDY LOAM		
2-12"	В	10YR4/6	SANDY LOAM		
12-28"	C1	10YR3/4	SANDY LOAM		
		· · · · · · · · · · · · · · · · · · ·			

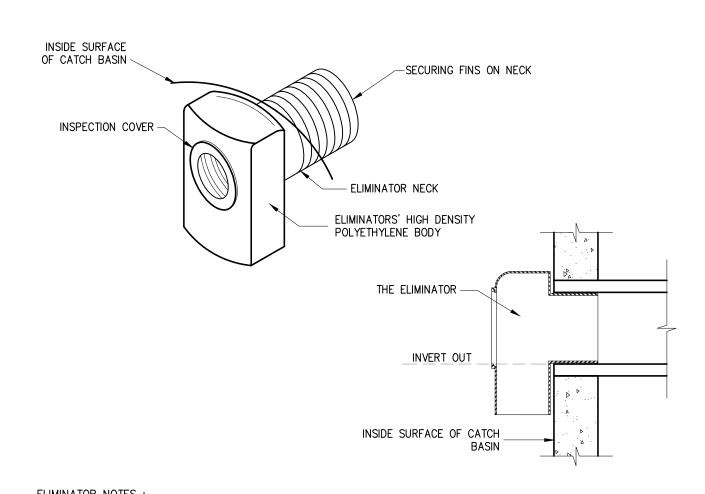
WATER OB	SERVED	@ <u>36</u> ″				
PERC RATI	Ξ		MIN	I/INCH		
* MASSAC	HUSETT	S SOIL	EVAL	UATOR,	LIC	EΝ

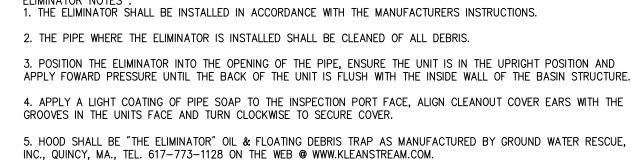
KXXXX	KXXXX						
TEST PIT	# 5	GRD. EL	GRD. EL. <u>159.70</u>				
		GW. EL.	1 <u>56.70</u>				
DATE: <u>4-1</u>	DATE: <u>4-19-22</u> MOTTLES <u>@ 36"</u>						
TEST BY:	GREGO	ORY DRISCO	LL, JR. SE28	316			
WITNESSE	D BY:						
CERTIFIED	BY: Q	REGORY DR	RISCOLL, JR.				
DEPTH (IN)	SOIL HORZ.	SOIL COLOR	SOIL TEXTURE	OTHER			
0-6"	Α	10YR2/1	SANDY LOAM				
6-38"	В	10YR4/6	SANDY LOAM				
38–60″	С	10YR5/3	SANDY LOAM				

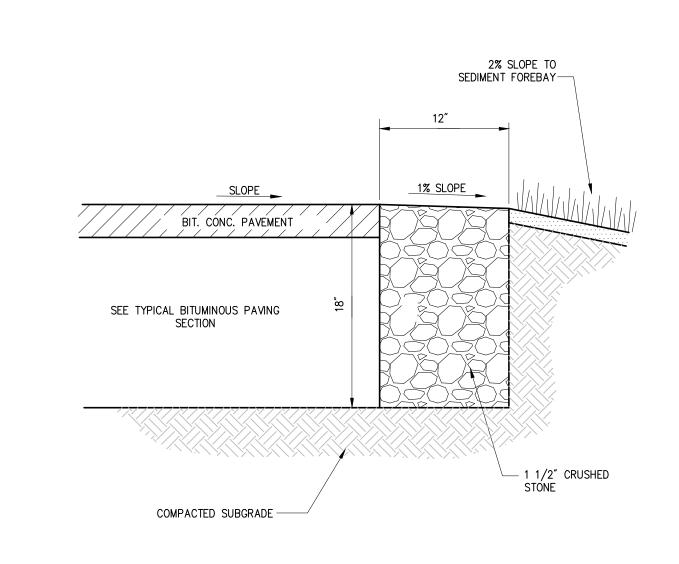
WATER OBSERVED	@ <u>36</u> "		
PERC RATE		MIN/INCH	
* MASSACHUSETTS	SOIL	EVALUATOR,	LICENSE

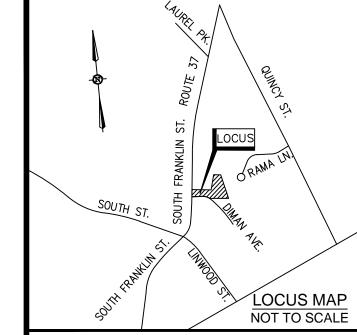


DOWN SPOUT (FLEXI GRATE)









					NOT TO COALL	
	PERMITTING SET					
		REVISIONS				
	No.	DATE	DESCRIPTION			
	1	8/18/2022	PEI	R CON CO	OM COMMENTS	
-						
	DR	DRAWN BY:		JVW		
	СН	IECKED BY	<u></u>	EPJ.	/ GWD	

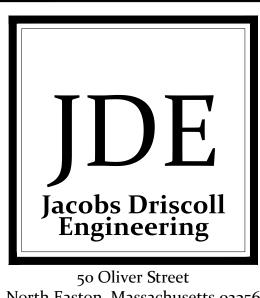
#### CONSTRUCTION **DETAILS**

GWD/JVW

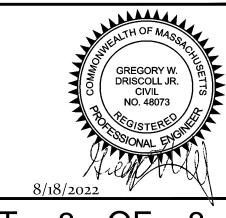
809 S. FRANKLIN STREET **HOLBROOK** (NORFOLK COUNTY) **MASSACHUSETTS** 

JUNE 29, 2022

PREPARED FOR: JOHNSON SHEET METAL CO., INC 809 S. FRANKLIN STREET **HOLBROOK MASSACHUSETTS 02343** 



North Easton, Massachusetts 02356 Phone: 508-928-4400 www.JacobsDriscoll.com



JOB NUMBER: 01-2021-020

STONE DIAPHRAGM STRIP DETAIL # 127

DETAIL # 129

**ELIMINATOR DEBRIS TRAP**