Issued for: Site Plan Review &

Notice of Intent

Issued: July 18, 2022

JDE Project Number: 01-2022-008

Sheet Index

No.	Drawing Title	Date	Revised
1	Cover, General Notes and Legend	07-18-2022	
2	Existing Conditions Plan	07-18-2022	
3	Layout, Grading & Erosion Control Plan	07-18-2022	
4	Construction Notes & Details	07-18-2022	

LEGEND

EXIST	PROP		EXIST	PROP	
L=50.00'	L=50.00'	PROPERTY LINE	=== 12" =====	<u> </u>	DRAINAGE LINE
STA	STA	BASELINE		—— FM —	FORCE MAIN
		ZONING LINE	— 6"RD ———	— 8"RD ———	ROOF DRAIN
		ZOTITO LITE	12"S	12"S	SEWER LINE
		GRAVEL ROAD	OHW	—- ОНW	OVERHEAD WIRES
EOP	EOP	EDGE OF PAVEMENT	6"W	6"W	WATER LINE
BCC CCB	BCC CCB	BITUMINOUS CURB	——— FP ——	8"FP	FIRE PROTECTION LINE
		CAPE COD BERM	— G ——	— G ——	GAS LINE
PCC	PCC	PRECAST CONC. CURB	—— Е —	— Е —	UNDERGROUND ELECTRIC
VGC	VGC	VERT. GRAN. CURB	— т ——	— T ———	TELEPHONE LINE
SGC	SGC	SLOPED GRAN. CURB		CD	
		LIMIT OF CURB TYPE		■ CB	CATCH BASIN
144		SAWCUT		DCB	DOUBLE CATCH BASIN
	TCHLINE EET 1 OF 30	MATCHLINE			DRAIN INLET
		PICKET FENCE	(D)	① DMH	DRAIN MANHOLE
<u> </u>	<u> </u>	STEEL GUARD RAIL			TRENCH DRAIN
		WOOD GUARD RAIL		r.	PLUG/STUB
		STOCKADE FENCE	FES	FES▶	FLARED END SECTION
$\bigvee \bigvee$	$\bigvee \bigvee$	TREE LINE			HEADWALL
xx	_ x_x	CHAIN LINK FENCE	(S) (S)	S S	GREASE TRAP
0000000		STONE WALL	Ocs	Ocs	CONTROL STRUCTURE
		RETAINING WALL	<u>\$</u>	©	SEWER MANHOLE
	• • • • • • • • •	STRAW BALES	Ŵ	₩ wg/so ●	WATER MANHOLE
		STRAW WATTLE	● TCV		WATER GATE/SHUT OFF
		HINOD CONTOUR	—●► TSV	— → TSV	TAPPING SLEEVE, VALVE, & BOX RISER
10		MINOR CONTOUR	HYD ⊚	HYD ⊙	FIRE HYDRANT
	120	MAJOR CONTOUR	WM	WM ⊡	WATER METER
(1/1////		BUILDING	(®	WELL
EN	∏ EN	BUILDING ENTRANCE	0	GG ⊙	GAS GATE
] 4 LD	J v J √ LD	LOADING DOCK	GM	GM	GAS METER
□ GD	GD	GARAGE DOOR	Ē	© EMH	ELECTRIC MANHOLE
•	•	BOLLARD	EB	EB	ELECTRIC BOX
-0-	-	SIGN	EM	EM ⊡	ELECTRIC METER
	<u>-</u>	DOUBLE SIGN	ф	*	LIGHT POLE
		SPOT ELEVATION	(1	TELEPHONE MANHOLE
×27.21 TC 27.15 BC	×TOP BOTTOM	TOP & BOTTOM ELEVATION	FB	FB ⊡	FIRE ALARM BOX
•	lacktriangle	BORING LOCATION		•	UTILITY POLE
	,	TEST PIT LOCATION	\otimes	\otimes	ROOF DRAIN CLEANOUT COV

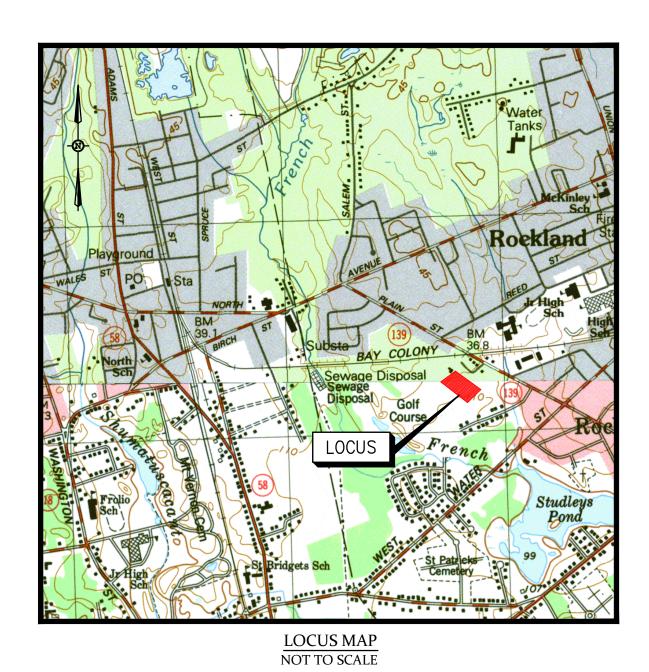
CORRUGATED PLASTIC PIPE

Site Development Plans Proposed Solar Field

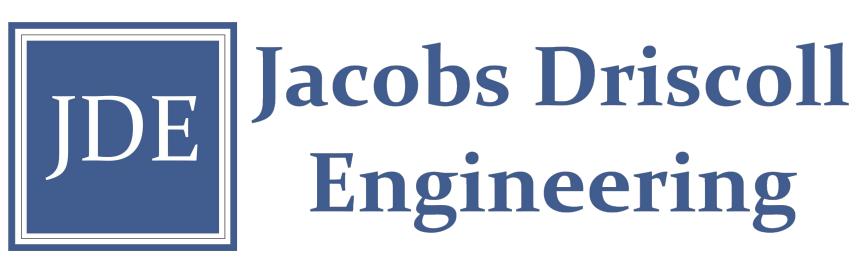
276 Plain Street Rockland, Plymouth County, MA 02370



116 John Street, Suite 400 Lowell, Massachusetts 01852



PREPARED BY:

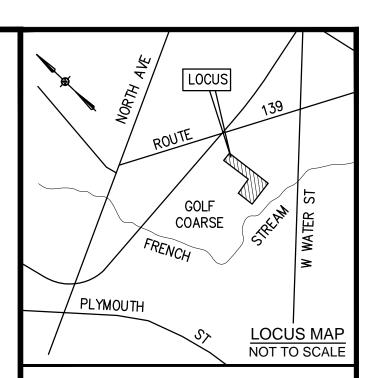


Civil Engineering and Land Surveying Professionals 50 Oliver Street North Easton, MA 02356

GENERAL CONSTRUCTION NOTES

- 1. 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 JACOB DRISCOLL ENGINEERING (JDE). CONTRACTOR WILL REFER TO (JDE) FOR ALL TECHNICAL COMMENTS FOR RESOLUTION OF THE CONFLICT.
- 2. 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".
- 5. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDED.
- 6. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN 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 TO LOCATE THE UTILITIES EXACTLY. THE CONTRACTOR SHALL PRESERVE ALL UNDERGROUND UTILITIES. THE CONTRACTOR MUST CALL "DIG SAFE" (AT 1-888-DIG-SAFE) AND THE TOWN OF ROCKLAND DPW AT LEAST 72 HOURS TO MARK APPROPRIATE UTILITIES BEFORE THE START OF
- 7. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND. 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 PLACED FLUSH WITH THE TOP OF ADJACENT CURB, EDGING, BERM OR OTHER SURFACE.
- 8. THE CONTRACTOR SHALL WATER, MOW, AND FERTILIZE LAWN AREAS UNTIL SATISFACTORY GRASS STANDS, AND/OR THE OWNER OR ITS REPRESENTATIVE IS SATISFIED PER REQUIRED SWPPP...
- 9. THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER, AND 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
- 11. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS.
- 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 ENGINEER OR REPRESENTATIVE.
- 13. FINAL LAYOUT AND STAKING OF ALL PROPOSED FEATURES AND GRADING SHALL BE REVIEWED IN THE FIELD AND APPROVED BY THE OWNER'S 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 REPRESENTATIVE.
- 14. THE CONTRACTOR SHALL REMOVE ALL STUMPS, RUBBISH, AND DEBRIS FROM 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 WORK.
- 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 ROCKLAND PUBLIC WORKS CONSTRUCTION LICENSE.
- 19. OWNER MAY REMOVE SNOW FROM SITE AS NECESSARY AND WILL NOT PLACE ON TOWN/STATE PROPERTY.
- 20. THE MAINTENANCE OF THE DRAINAGE SYSTEM IS THE OWNER'S RESPONSIBILITY.
- 21. ANY HYDRANT, FIRE PROTECTION WATER SUPPLY LINE AND ASSOCIATED DEVICES ON SUBJECT PROPERTY SHALL BE MAINTAINED TO THE REQUIREMENTS OF NFPA25.

Planning Recd 11/7/22@10:27am



PERMITTING SET

REVISIONS

1	10/11/2022	PER	REVIEW COMMENTS
DR	AWN BY:		TME/EAS
CHECKED BY:		/ :	EPJ
DE	SIGNED B	Y:	TME / GWD

COVER, GENERAL NOTES AND LEGEND

276 PLAIN STREET
IN
ROCKLAND
(PLYMOUTH COUNTY)
MASSACHUSETTS

JULY 18, 2022

PREPARED FOR:

SOLBID, INC.

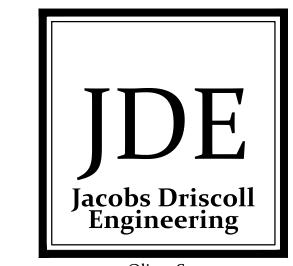
116 JOHN STREET

SUITE 400

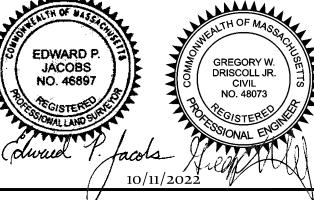
LOWELL

MASSACHUSETTS

01852

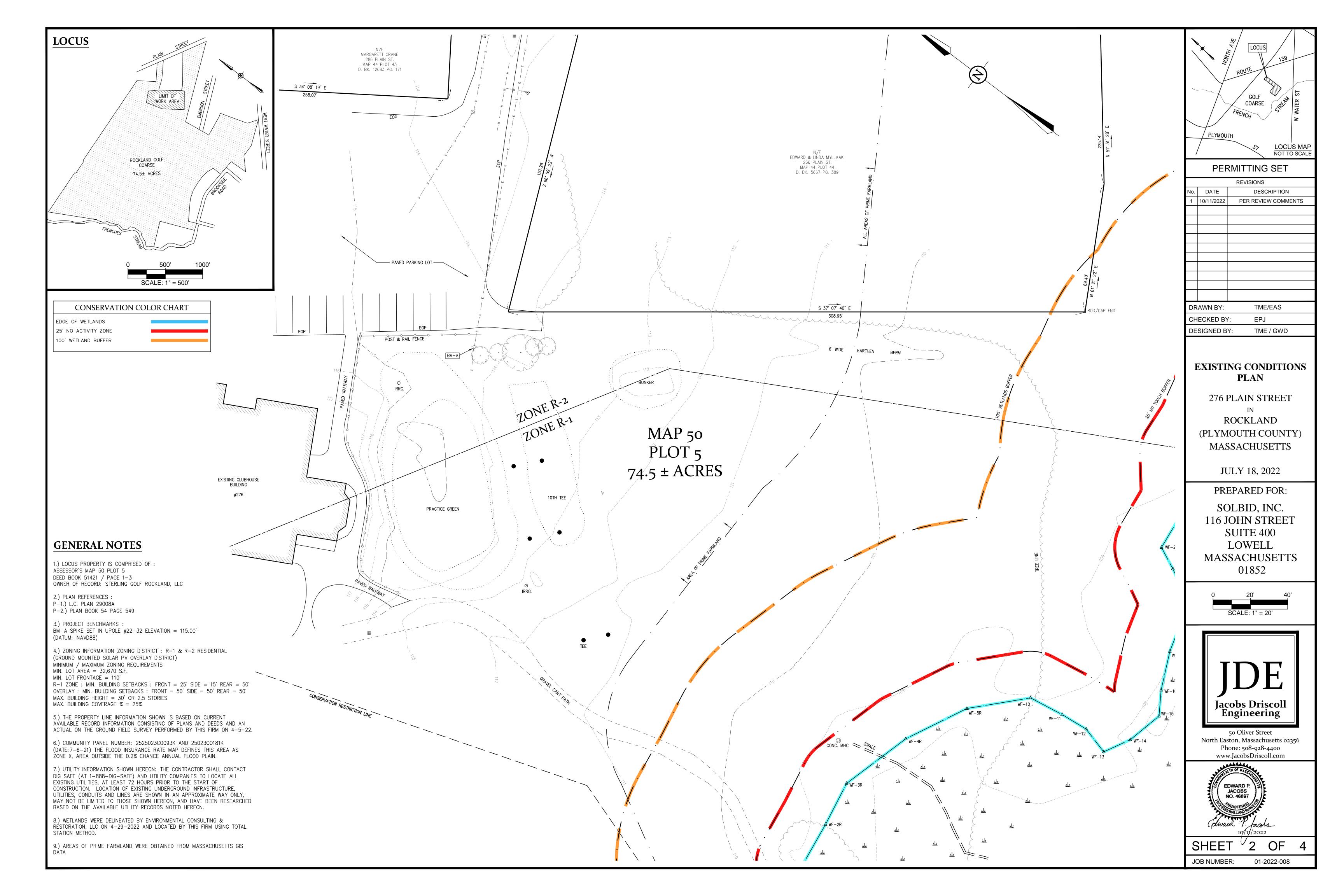


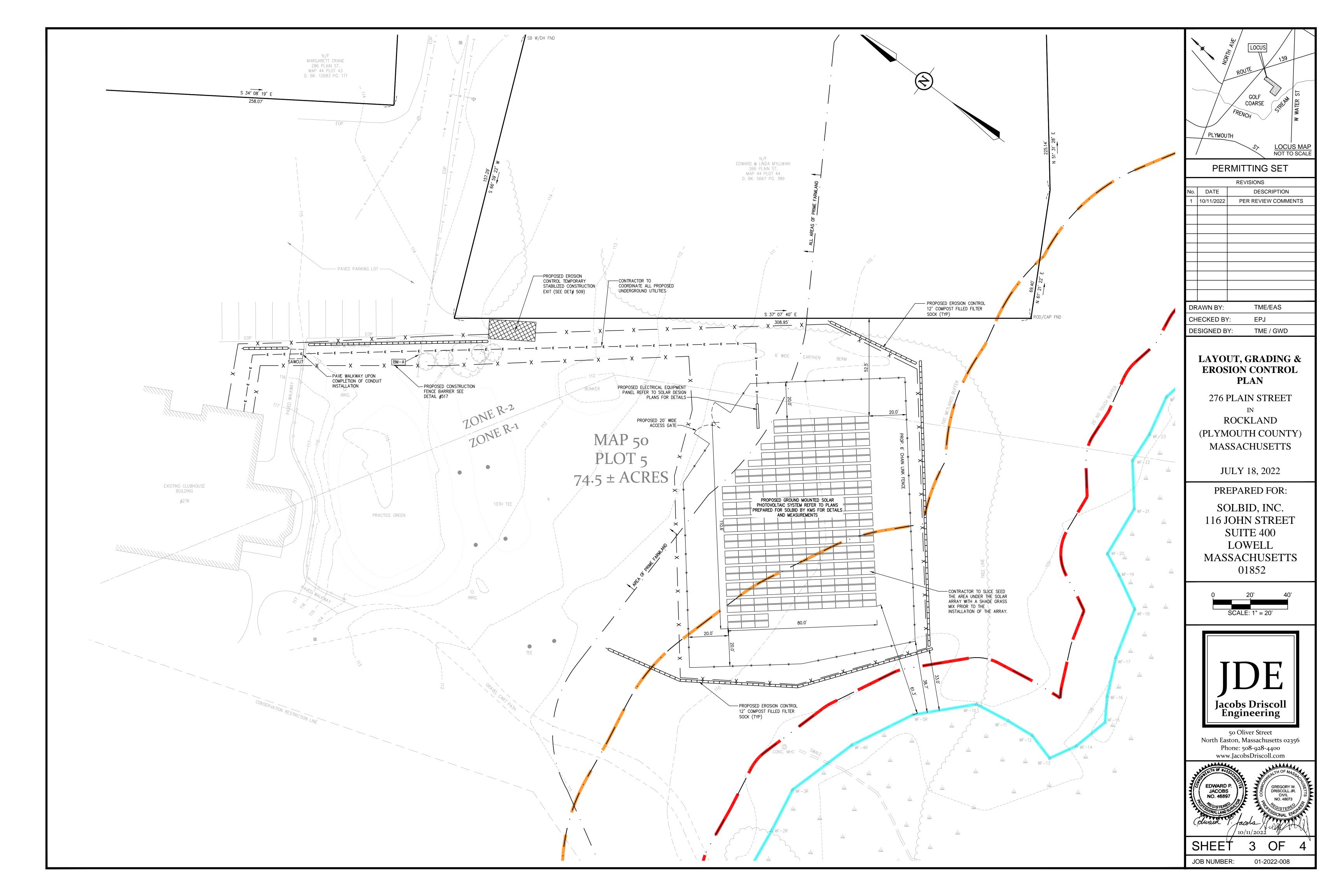
50 Oliver Street North Easton, Massachusetts 02356 Phone: 508-928-4400 www.JacobsDriscoll.com

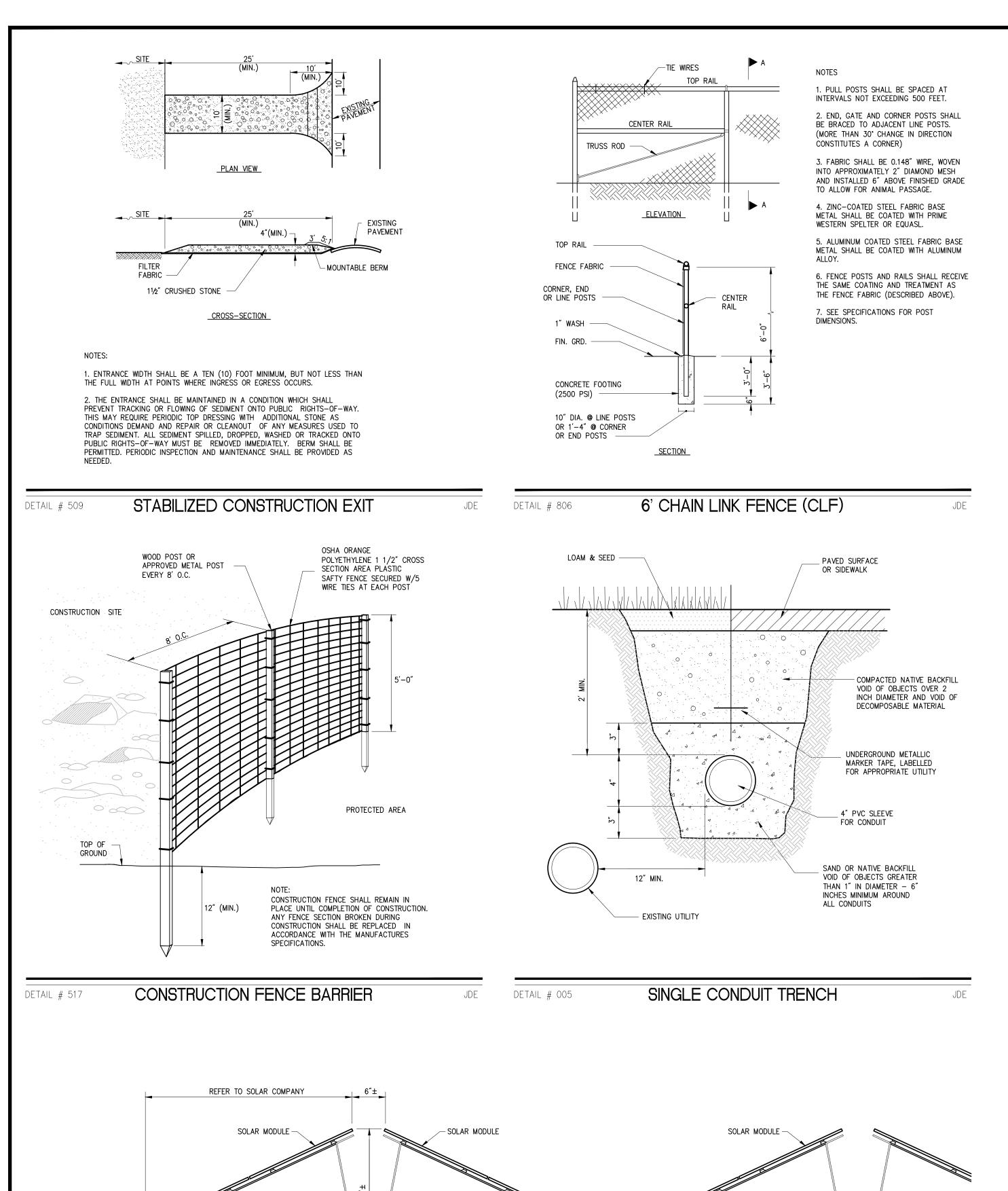


SHEËT 1 OF

JOB NUMBER: 01-2022-008







EROSION CONTROL NOTES

1. MAINTAIN A STOCKPILE OF 50' OF STRAW WATTLES, 50 FEET OF SILT FENCE AND 3 CUBIC YARDS OF RIP-RAP ON SITE AT ALL TIMES UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.

2. DISTURBED AREAS SHALL BE PROTECTED AT ALL TIMES TO CONTROL SEDIMENT TRANSPORT BEYOND THE LIMIT OF WORK.

3. DISTURBED AREAS SHALL BE TREATED WITH WATER DURING EXCAVATION, OR APPROVED ALTERNATIVE, FOR DUST CONTROL.

GRADING NOTES

1. DEMOLITION DEBRIS, EXCESS AND UNSUITABLE MATERIALS FROM THE DEMOLITION OPERATION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER BY THE CONTRACTOR.

2. DISTURBED AREAS SHALL BE PROTECTED AT ALL TIMES TO CONTROL SEDIMENT TRANSPORT BEYOND THE LIMIT OF WORK.

3. DISTURBED AREAS SHALL BE TREATED WITH WATER DURING EXCAVATION, OR APPROVED ALTERNATIVE, FOR DUST CONTROL.

4. 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.

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. 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

4. 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 PERIMETER EROSION CONTROL BARRIER (FILTER SOCK) 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. PERFORM INSTILLATION OF SOLAR ARRAY, FENCE AND NECESSARY UTILITIES AND EQUIPMENT.

5. INSPECT AND MAINTAIN EROSION CONTROL MEASURES AFTER RAINFALL EVENTS AND A MINIMUM OF ONCE PER WEEK.

6. REMOVE SEDIMENT BUILDUP AT EROSION CONTROL DEVICES AS NEEDED. REDISTRIBUTE MATERIAL OVER SITE IN CONFORMANCE WITH EARTHWORK SPECIFICATIONS.

7. COMPLETE FINISH GRADING AND STABILIZATION OF SITE.

8. REMOVE AND REGRADE TEMPORARY BERMS, SWALES, CHECK DAMS ETC., STABILIZE DISTURBED

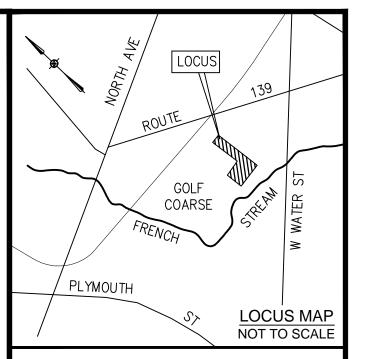
9. REMOVE EROSION CONTROL DEVICES & SILT FENCE UPON ESTABLISHMENT OF PERMANENT GROUND COVER. STABILIZE ALL AREAS WHERE HAY BALES (EROSION CONTROL DEVICE) WERE REMOVED.

THE FLEXIBILITY OF FILTERMITT ALLOWS IT TO CONFORM TO ANY CONTOUR OR TERRAIN WHILE

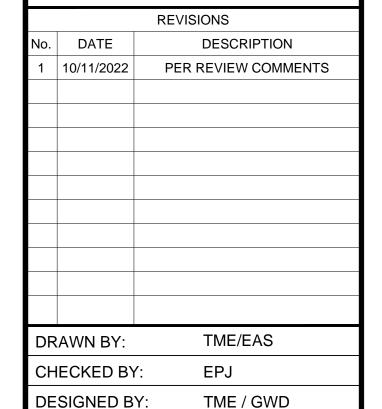
WHERE SECTION ENDS MEET. THERE SHALL BE AN OVERLAP OF 6" OR GREATER. BOTH SIDES

HOLDING A SLIGHTLY OVAL SHAPE AT 12" HIGH BY 18" WIDE.

SHALL BE ANCHORED (OAK STAKES, TREES, ETC.) TO STABILIZE THE UNION.





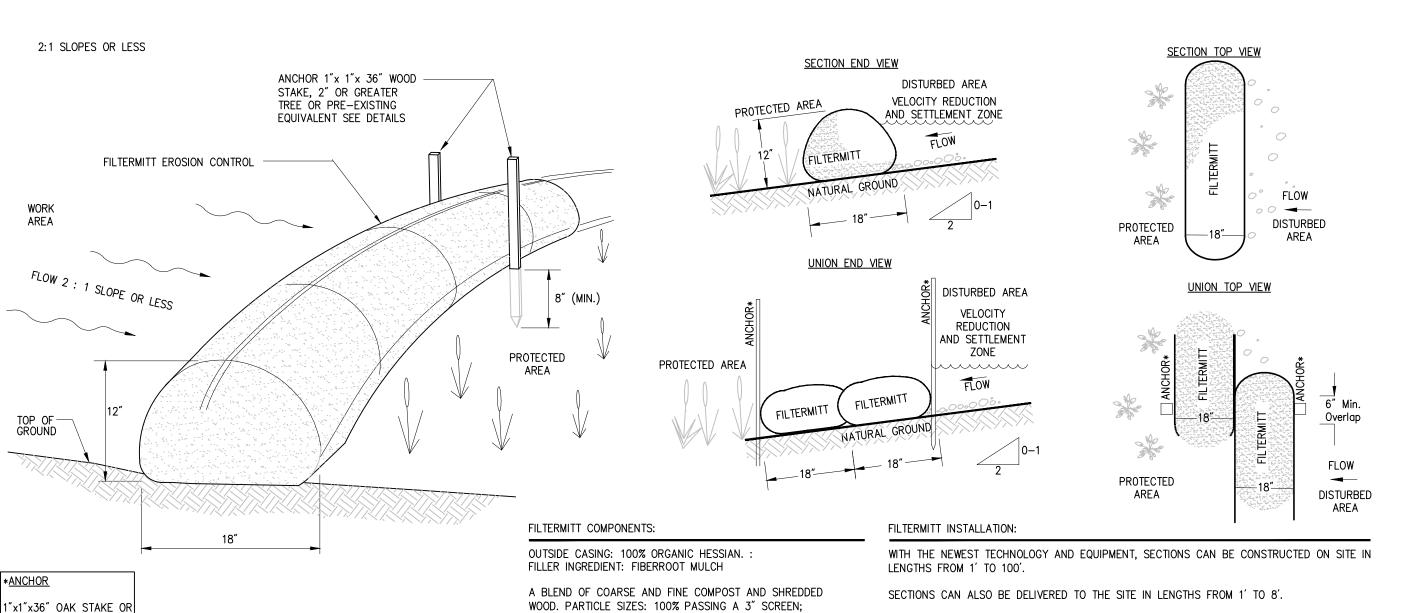


CONSTRUCTION NOTES & DETAILS PLAN

276 PLAIN STREET **ROCKLAND** (PLYMOUTH COUNTY) **MASSACHUSETTS**

JULY 18, 2022

PREPARED FOR: SOLBID, INC. 116 JOHN STREET SUITE 400 LOWELL MASSACHUSETTS 01852



90-100% PASSING A 1" SCREEN; 70-100% PASSING A 0.75" SCREEN; 30-75% PASSING A 0.25" SCREEN. WEIGHT: APPROX. DRISCOLL JE

Jacobs Driscoll

Engineering

50 Oliver Street

North Easton, Massachusetts 02356

Phone: 508-928-4400

www.JacobsDriscoll.com

JOB NUMBER: 01-2022-008

SOLAR ARRAY DRIP EDGE INSTALLATION

MOUNTING SCREW

- (BASED ON SOIL TYPE)

3/4"-1 1/2" STONE DRIP EDGE

DOUBLE WASHED , 4" DEEP

CRUSHED OR SCREENED

FINISH GRADE

NOTE: STONE DRIP EDGE WILL BE

INSTALLED BETWEEN MOUNTING

BRACE BRACKETS FOR ENTIRE

LENGTH OF SOLAR PANEL ROWS

DETAIL # 516

2" OR GREATER TREE OR

EQUIVALENTLY ANCHORED

OTHER PRE-EXISTING,

OBJECT.

FILTERMITT EROSION CONTROL

850 LBS./CU.YD. (AVE. 30 LBS./L.F.)

DETAIL # 011

FINISH GRADE

-3/4"-1 1/2" STONE DRIP EDGE

CRUSHED OR SCREENED

- FILTER FABRIC, BOTTOM & SIDES

DOUBLE WASHED

1. SEE PLAN FOR PROPOSED FINISHED GRADES

THE MANUFACTURER OR ITS REPRESENTATIVES.

ALL ARRAY MATERIALS AND SPECIFIC PANEL LAYOUT.

2. CONTRACTOR WILL REFER TO THE ARRAY MANUFACTURE FOR

3. THIS DETAIL IS FOR GENERAL INSTALLATION METHOD ONLY,

FOOTING AND SUPPORT STRUCTURES WILL BE FURNISHED BY