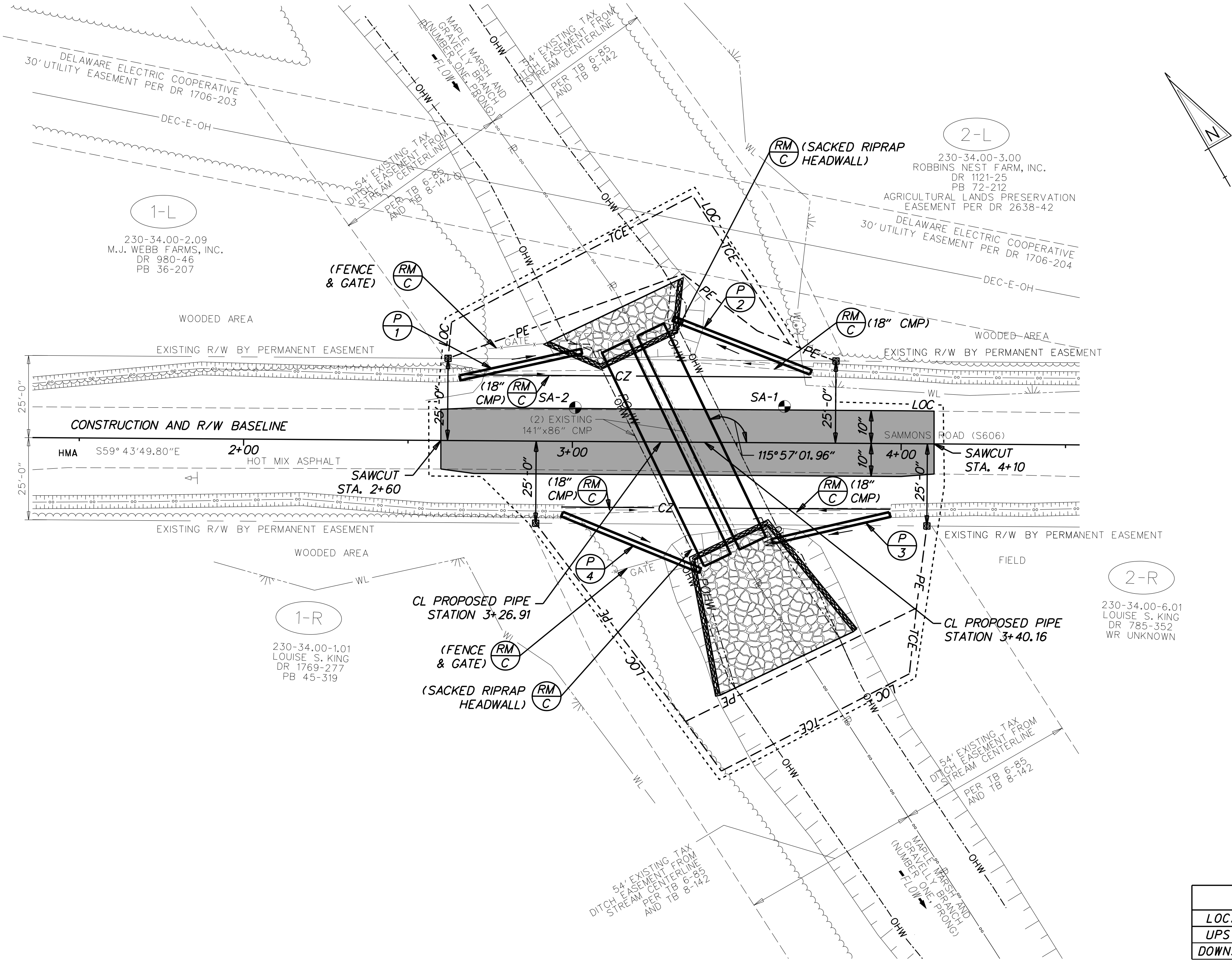


PLOTTED: 6/20/2018
 Z:_2017\1702\027\...CULVERT_SITES\3-627_SAMMONS\CADD\MICROSTATION\REFERENCE\CP01.DGN



NOTES:

- LIGHT GRADATION IS TO BE USED FOR CHANNEL BED FILL.
- RIPRAP PLACEMENT DOWNSTREAM - RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM (AS INDICATED ON SHEET 7) ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.
- SEE ENVIRONMENTAL COMPLIANCE SHEET FOR ADDITIONAL NOTES ON STREAM RESTORATION AND RIPRAP TREATMENT
- | | | |
|---|-------|------|
| EXISTING IMPERVIOUS PAVEMENT AREA: | 2,797 | S.F. |
| PERMANENT IMPERVIOUS PAVEMENT AREA | 2,987 | S.F. |
| NET CHANGE IN IMPERVIOUS PAVEMENT AREA: | 190 | S.F. |
- THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S TEAM SUPPORT SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.
- INSTALL 18" HDPE WITH MINIMUM OF 12" COVER.

NOTE: THE "LOC" AND "PE/TCE" IS THE SAME LINE BUT THE "LOC" IS SHOWN OFFSET 2' FOR CLARITY

RIPRAP SCHEDULE		
LOCATION	TYPE	AREA/SF
UPSTREAM	R-6	441.00
DOWNSTREAM	R-6	1402.15

SOIL BORING SCHEDULE			
NO.	STATION	OFFSET	DESCRIPTION
SA-1	3+64.48	-11.11	SEE SOIL BORING LOG
SA-2	3+00.85	-10.27	SEE SOIL BORING LOG

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INT. EL.	DIS. EL.
1	18" HDPE	S	38.00	0.50%	37.64	37.44
2	18" HDPE	S	45.00	0.50%	36.28	36.06
3	18" HDPE	S	37.00	0.50%	37.65	37.46
4	18" HDPE	S	45.00	0.50%	37.63	37.41