

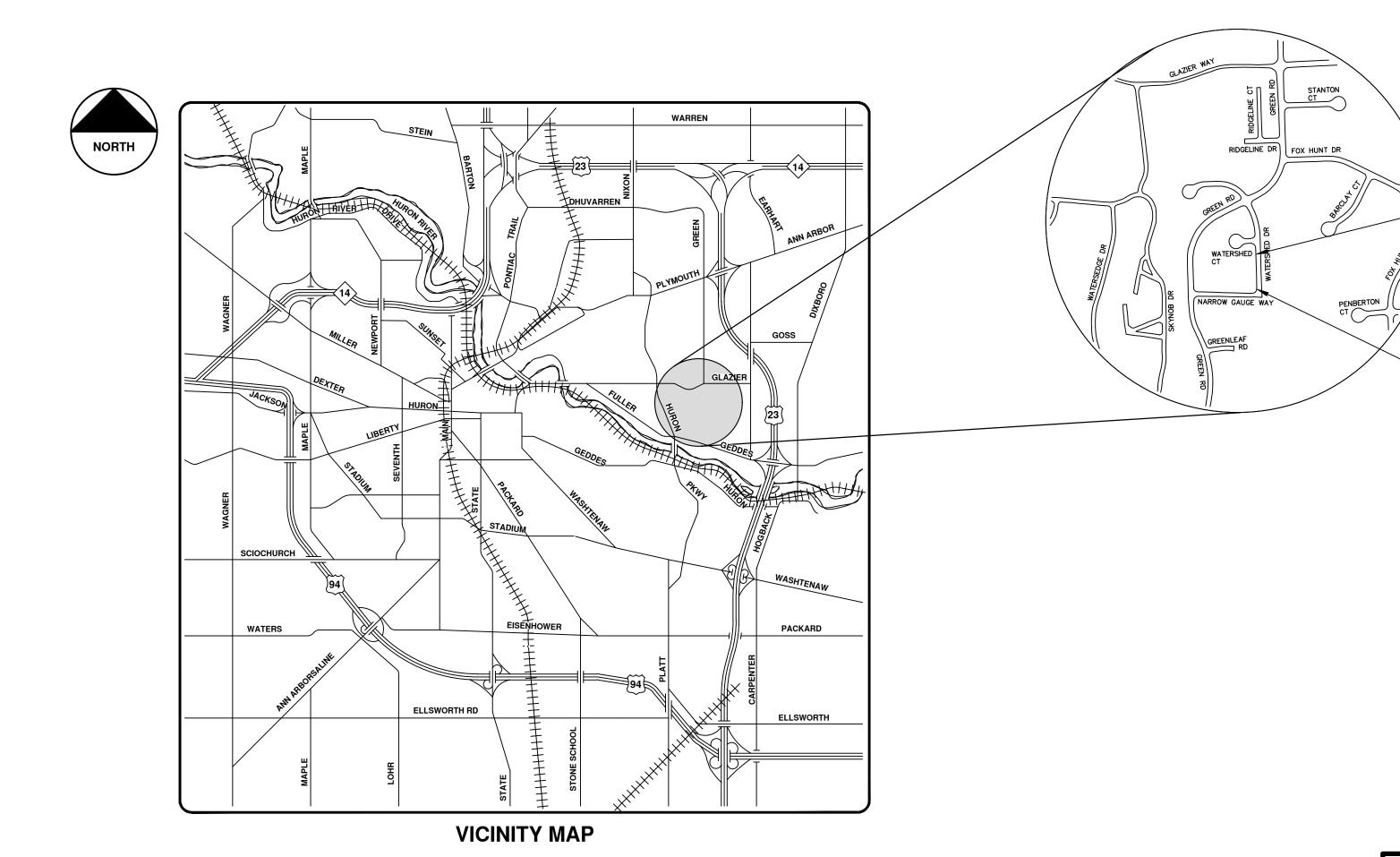
CITY OF ANN ARBOR ENGINEERING

REFERENCE, AND THIS PROJECT'S CONTRACT DOCUMENTS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR

WATERSHED DRIVE RETAINING WALL

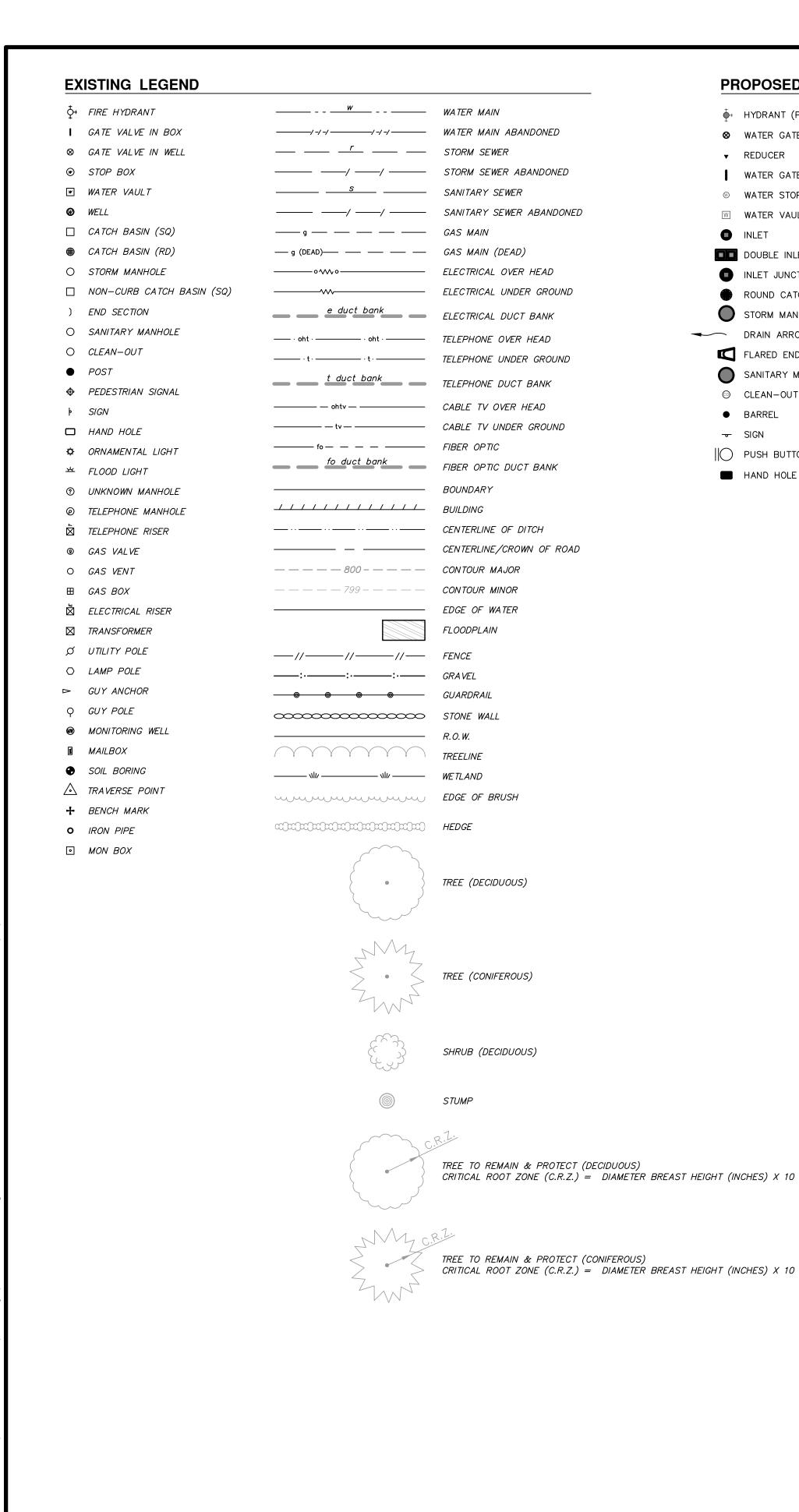
BID No. ITB#4510, FILE No. 2014040

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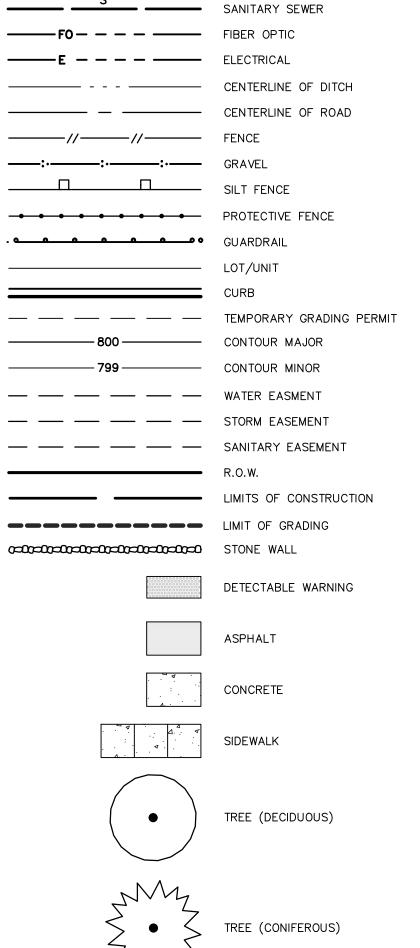




PROPOSED LEGEND

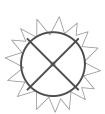
+	HYDRANT (PLAN)	w	WATER MAIN
8	WATER GATE WELL	R	STORM SEWER
•	REDUCER	<u>s</u>	SANITARY SEWER
1	WATER GATE VALVE	———F0————	FIBER OPTIC
(0)	WATER STOP BOX	——Е	ELECTRICAL
W	WATER VAULT		CENTERLINE OF DITCH
•	INLET		CENTERLINE OF ROAD
	DOUBLE INLET	////	FENCE
•	INLET JUNCTION CHAMBER	:::	GRAVEL
	ROUND CATCH BASIN		SILT FENCE
0	STORM MANHOLE		PROTECTIVE FENCE
	DRAIN ARROW	. • • • • • • •	GUARDRAIL
	FLARED END SECTION		LOT/UNIT
0	SANITARY MANHOLE		CURB
©	CLEAN-OUT		TEMPORARY GRADING PERM
•	BARREL	800 —	CONTOUR MAJOR
-0 -	SIGN	799	CONTOUR MINOR
	PUSH BUTTON		WATER EASMENT
	HAND HOLE		STORM EASEMENT
			SANITARY EASEMENT
			POW

R.O.W. LIMITS OF CONSTRUCTION LIMIT OF GRADING





TREE TO BE REMOVED (DECIDUOUS)



TREE TO BE REMOVED (CONIFEROUS)



STUMP TO BE REMOVED

CONSTRUCTION NOTES:

- 1. DRIVEWAYS AND ENTRANCES TO BUILDINGS, REAL PROPERTY, AND THE LIKE SHALL NOT BE BLOCKED EXCEPT FOR SHORT DURATIONS AND ONLY WHEN APPROVED BY THE ENGINEER. VEHICULAR AND PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL NECESSARY DRIVEWAY CLOSURES WITH THE PROPERTY OWNER(S) AND RESIDENT(S) IN THE AREAS OF CONSTRUCTION.
- 2. THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND SERVICE LEADS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 3. LOCATION AND DEPTH OF UTILITIES AS DEPICTED ON THE PLANS IS APPROXIMATE AND SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXCAVATE AHEAD AND ADJUST DEPTH OF CONFLICT UTILITIES ACCORDINGLY. ANY DAMAGE TO UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY TO AVOID AND/OR REPAIR AS NECESSARY.
- 4. DURING NON-WORKING HOURS NO TRENCH SHALL REMAIN OPEN: ANY OPEN TRENCH SHALL BE PROPERLY SECURED WITH PROTECTIVE FENCING. THIS WORK SHALL BE INCLUDED IN THE ITEM OF WORK "GENERAL CONDITIONS".
- 5. "NO PARKING" SIGNS SHALL BE INSTALLED BY THE CONTRACTOR AT LOCATIONS AS APPROVED OR DIRECTED BY THE ENGINEER. ALL SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS.
- 6. POSTAL DELIVERY AND REFUSE PICKUP SERVICE SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- 7. WHERE STREET CURBS ARE UNDERMINED DUE TO CONSTRUCTION ACTIVITIES, THEY SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUOUS MAINTENANCE OF THE TEMPORARY ROAD SURFACE AND SOIL EROSION CONTROL MEASURES WITHIN THE CONSTRUCTION AREA UNTIL THE FULL COMPLETION OF THE PROJECT. THIS WORK SHALL BE INCLUDED IN THE ITEM OF WORK "GENERAL CONDITIONS".
- 9. ALL CURB, SIDEWALK, DRIVEWAY APPROACH REMOVALS SHALL BE APPROVED BY ENGINEER BEFORE THE WORK IS DONE.
- 10. THE LOCATION OF MATERIAL STOCK PILES AND ON-SITE STAGING AREAS TO BE APPROVED BY THE ENGINEER.
- 11. EXISTING STREET NAME, GUIDE, AND REGULATORY SIGNS, AND MAILBOXES WHICH CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED PRIOR TO CONSTRUCTION STORED IN A MANNER WHICH WILL PREVENT DAMAGE, AND RE-SET IN LOCATIONS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY.

PERMITS REQUIRED TO BE OBTAINED BY THE CONTRACTOR IDDIOD TO THE REGINNING OF CONSTRUCTION

PERMIT	ISSUING AUTHORITY
ANE CLOSURE PERMIT*	CITY OF ANN ARBOR ENGINEERING
NO PARKING" SIGNS PERMIT*	CITY OF ANN ARBOR ENGINEERING
RADING/SOIL EROSION & SEDIMENTATION ONTROL PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE
IGHT-OF-WAY PERMIT*	CITY OF ANN ARBOR CUSTOMER SERVICE

PERMITS REQUIRED TO BE OBTAINED BY THE CITY OF ANN ARBOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

PERMIT	ISSUING AUTHORITY

CONTACT INFORMATION

PUBLIC UTILITIES	OWNER	CONTACT
WATER SANITARY STORM	CITY OF ANN ARBOR PUBLIC WORKS	(734) 794–6350
FORESTRY	W.R. WHEELER SERVICE CENTER 4251 STONE SCHOOL ROAD ANN ARBOR, MI 48108	
SIGNS SIGNALS STREET LIGHTS		(734) 794–6361
PRIVATE UTILITIES	OWNER	CONTACT
GAS	DTE ENERGY 3150 E. MICHIGAN AVE, YPSILANTI TOWNSHIP, MI 48198	ROBERT CZAPIEWSKI (734) 544–7818
ELECTRIC	DTE ENERGY WESTERN WAYNE SERVICE CENTER 8001 HAGGERTY ROAD BELLEVILLE, MI 48111	CLAY COMBEE (734) 397-4112
CABLE	COMCAST 27800 FRANKLIN ROAD SOUTHFIELD, MI 48034	RON SUTHERLAND (313) 999-8300
PHONE	AT&T 550 S. MAPLE ROAD ANN ARBOR, MI 48103	(734) 996–2135
FIBER OPTIC	MCI 2800 N. GLENFILLE ROAD RICHARDSON, TX 75082	DEAN BOYERS (972) 729-6016

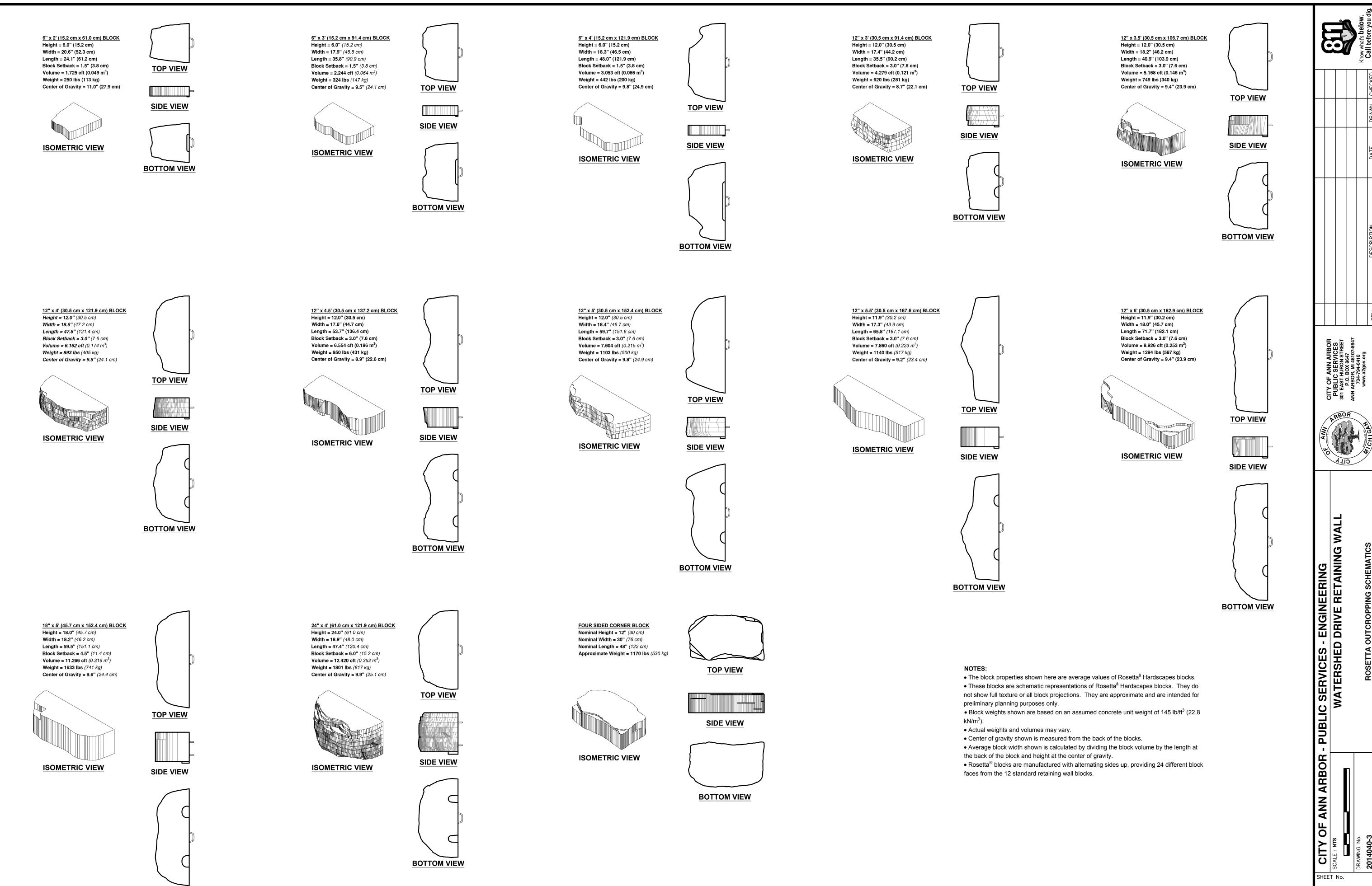


- ENGINEERING DRIVE RETAINING

ANN ARBOR

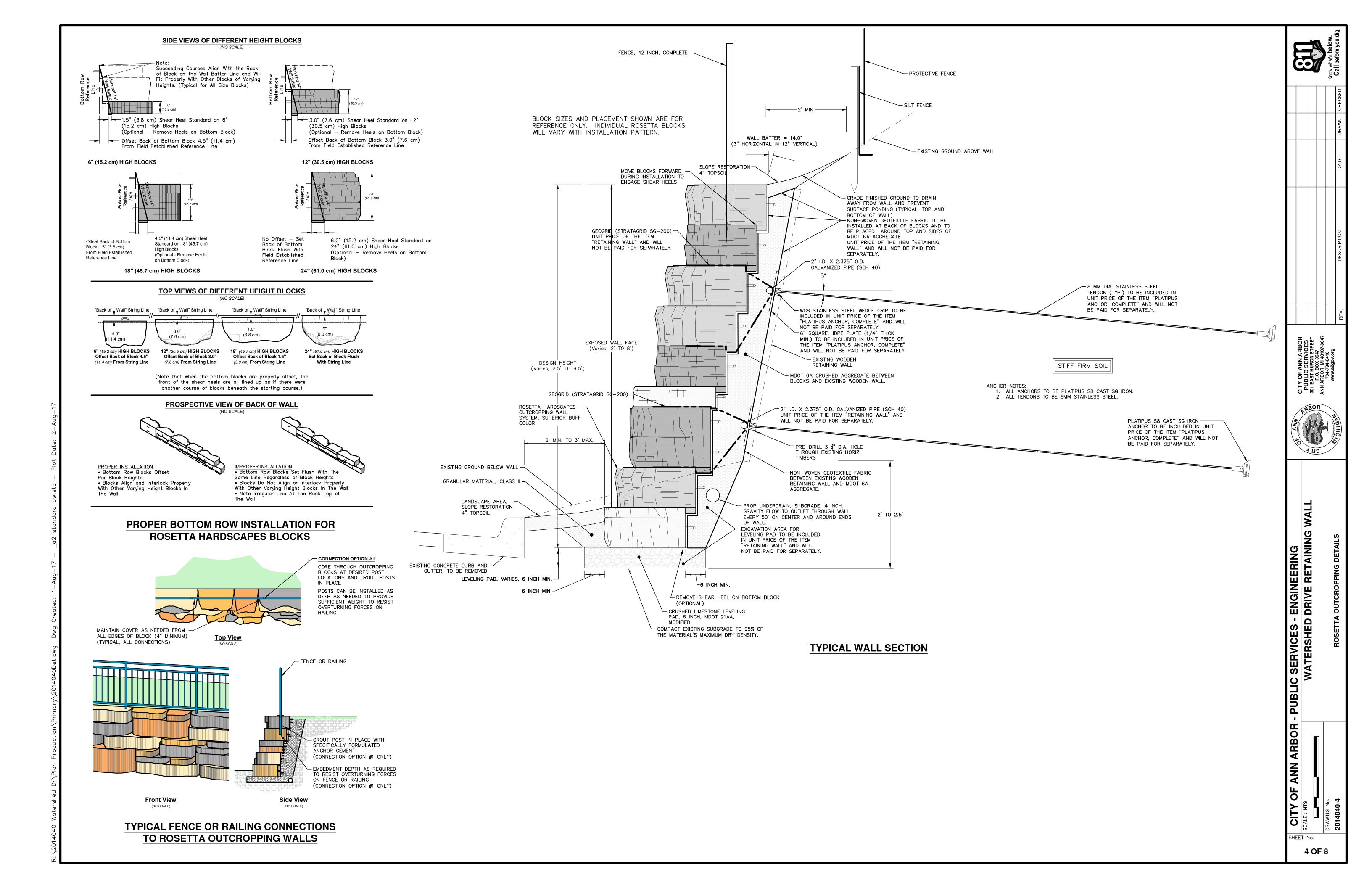
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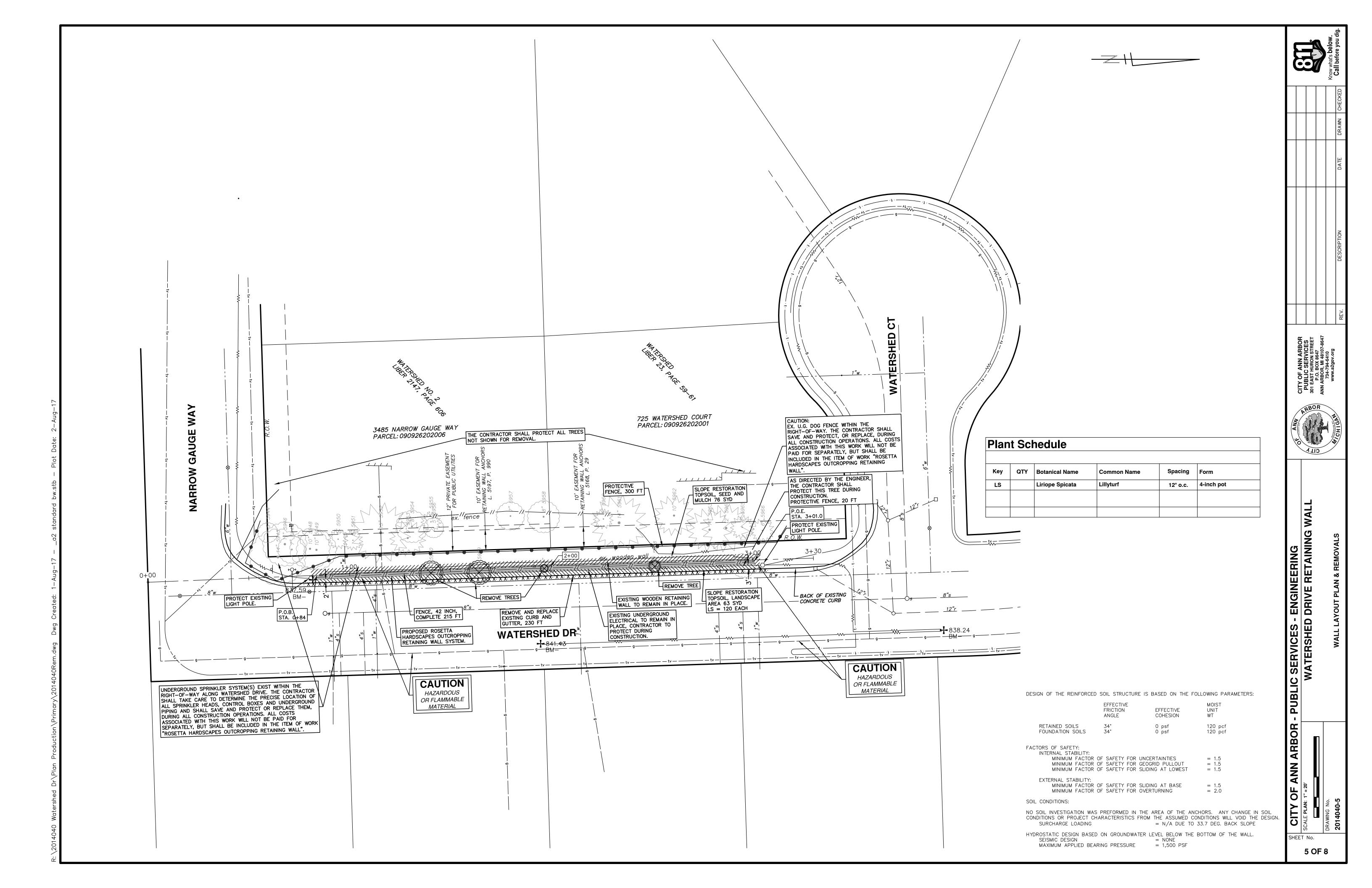
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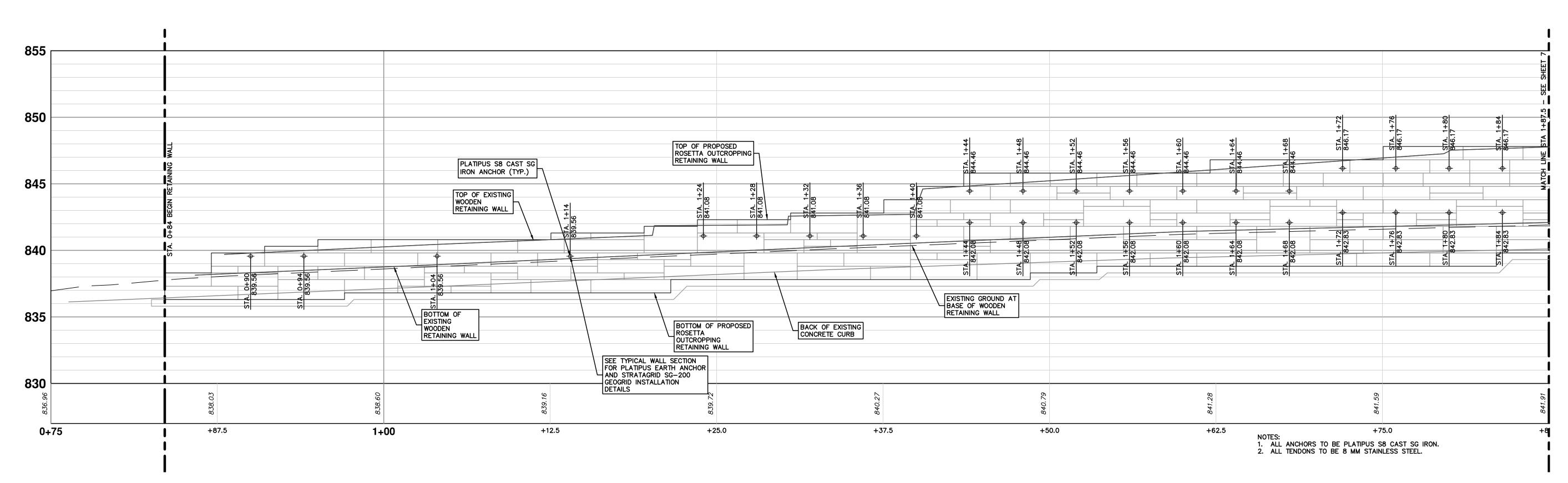


BOTTOM VIEW

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	·	us Anchor Schedule	
	vvalers	hed Drive Retaining Wall	
Wall Station	Elevation (ft)	Minimum Drive Length (ft)	Required Min. Holding Capacity (lbs)
0+90	839.56	12	6075
0+94	839.56	12	6075
1+04	839.56	12	6075
1+14	839.56	12	6075
1+24	841.08	12	6075
1+28	841.08	12	6075
1+32	841.08	12	6075
1+36	841.08	12	6075
1+40	841.08	12	6075
1+44	842.08	12	6075
	844.46	12	7000
1+48	842.08	12	6075
	844.46	12	7000
1+52	842.08	12	6075
	844.46	12	7000
1+56	842.08	12	6075
	844.46	12	7000
1+60	842.08	12	6075
	844.46	12	7000
1+64	842.08	12	6075
	844.46	12	7000
1+68	842.08	12	6075
	844.46	12	7000
1+72	842.83	12	6075
	846.17	12	7000
1+76	842.83	12	6075
	846.17	12	7000
1+80	842.83	12	6075
	846.17	12	7000
1+84	842.83	12	6075
	846.17	12	7000
1+88	842.83	12	6075
	846.17	12	7000
1+92	842.83	12	6075
	846.17	12	7000

CITY OF ANN ARBOR - PUBLIC SERVICES - ENGINEERING

SCALE PLAN: 1" = 4' WATERSHED DRIVE RETAINING

DRAWING No. WALL ELEVATION - ANCHORS

WALL ELEVATION - ANCHORS

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