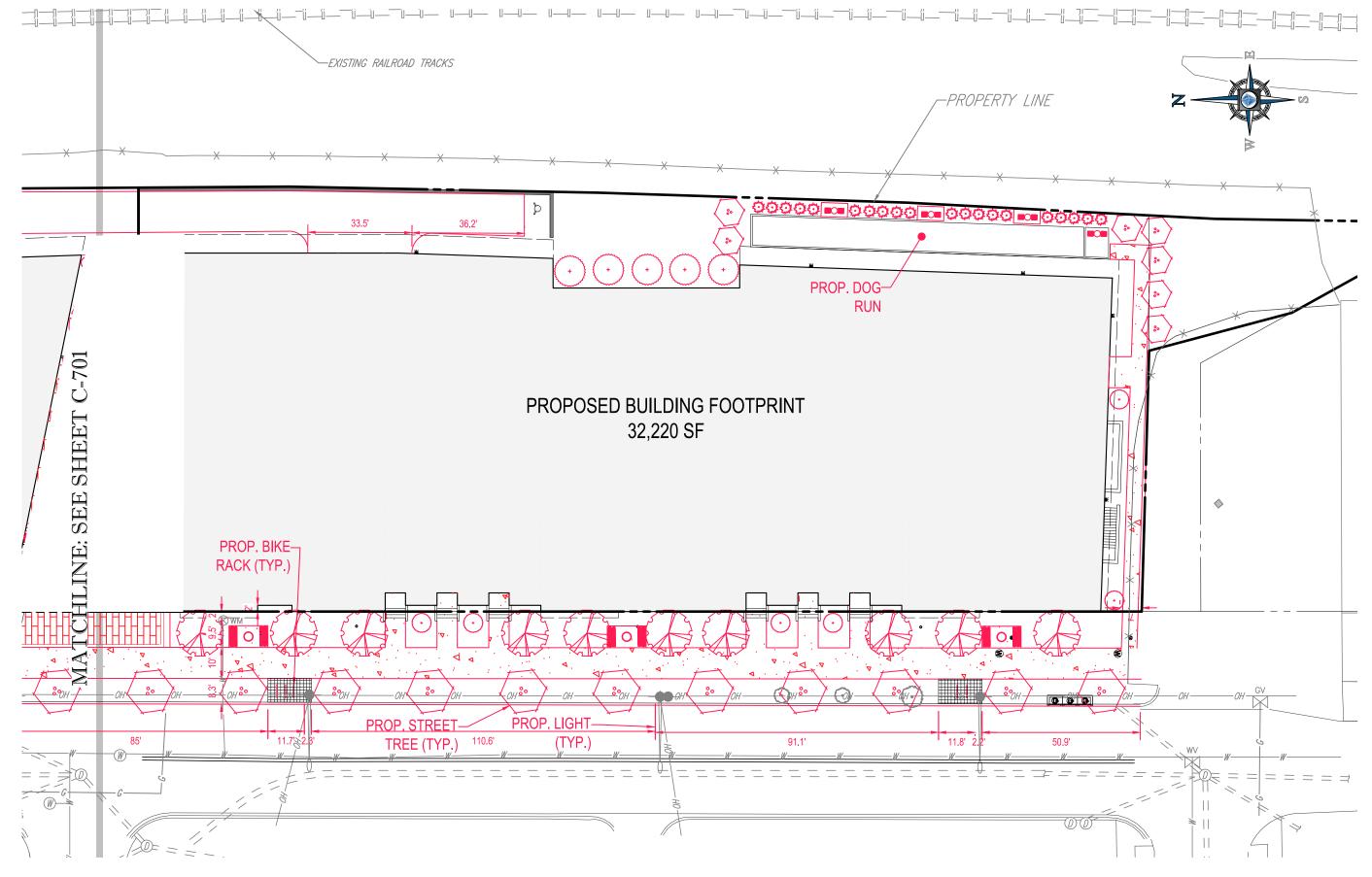


PUBLIC SPACE PLAN

SCALE: 1" = 30"



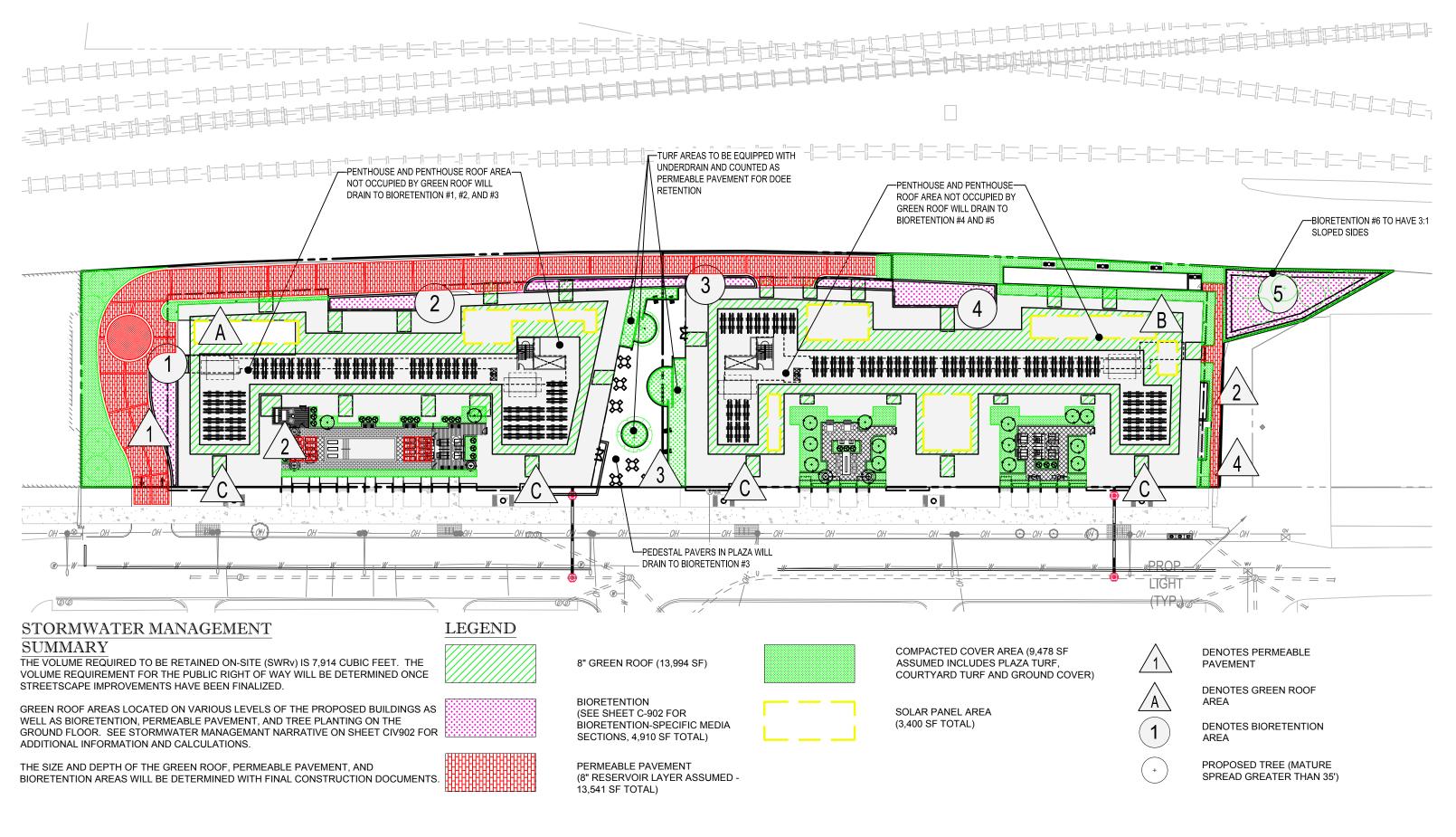




PUBLIC SPACE PLAN

SCALE: 1" = 30"









GREEN ROOF TABLE:

					DRAINAGE					
	SURFACE	TOTAL	PROP. IMP	MEDIA DEPTH	LAYER		STORAGE			
GREEN ROOF#	AREA (SF)	CDA (SF)	(SF)	(in.)	DEPTH (IN)	LOCATION	PROVIDED	Max SWRv	SWRv PROVIDED	NOTES
Α	5,175	5,175	5,175	8	1		1617	696	696	NORTH ROOF
В	6,212	6,212	6,212	8	1		1941	836	836	SOUTH ROOF
С	2,607	2,607	2,607	8	1		815	351	351	COMBO PENTHOUSE GR
						TOTAL	4,373	1,883	1,883	

MEDIA RETENTION VALUE	0.45
DRAINAGE LAYER RETENTION VALUE	0.15

PERMEABLE PAVEMENT TABLE:

FACILITY	SA (SF)	SWRv (CF)	Storage (CF)	Gravel D(ft)
1	10,809	486	2535	0.67
2	448	20	105	0.67
3	1,581	71	371	0.67
4	703	32	165	0.67
Total	13,541	609	3175	

BIORETENTION TABLE:

		SURFACE	SURFACE											
		AREA,	AREA, TOP	TOTAL CDA	PROP. IMP	PROP. PERV		PONDING DEPTH	MEDIA DEPTH	GRAVEL DEPTH				
FAC	CILITY	BOT. (SF)	(SF)	(SF)	(SF)	(SF)	FREEBOARD (FT)	(FT)	(FT)	(FT)	STORAGE PROVIDED	SWRv (CF)	Max SWRv	SWRv PROVIDED
	1	709	709	6,727	6,018	0	0.25	1	3.0	1	1,524	915	905	905
	2	446	446	3,455	3,009	0	0.25	1	1.5	1	792	475	465	465
	3	702	702	10,119	9,417	0	0.25	1.25	2.5	1	1,597	958	1,362	958
	4	956	956	8,555	7,599	0	0.25	1	2.5	1	1,936	1,162	1,151	1,151
	5	1,461	2,097	13,847	11,398	352	0.5	1	2.0	1	3,094	1,856	1,829	1,829
										TOTAL	8,943	5,366	5,712	5,309

TREE PLANTING TABLE:

Activity	Trees		SWRv (CF)	Storage	
tree planting (evergreen					
screening)		12	120		0

SUMMARY

SWRv REQUIRED = 7,914 CF SWRv PROVIDED = 7,921 CF

STORAGE REQUIRED = 13,858 CF STORAGE PROVIDED = 16,491 CF

BOHLER





GAR SCORESHEET

* *	* Address 3135 8th Street, NE	Še	juare	Green Area Rat	io Scoresheet Zone District
	CONTROL OF	1	2, 3835	15, 804	MU-4
	Other	Lot area (sf)	Minimum Score	Multiplier	GAR Score
	Latsize (enter this value first) *	90,293	0.3	SCORE:	0.307
	Landscape Elements		Square Feet	Factor	Total
A	Landscaped areas (select one of the following for each	area)	square feet	7	
1	Landscaped areas with a soil depth < 24"		0 square feet	0.30	×
2	Landscaped areas with a soil depth ≥ 24"		9,478 square feet	0.60	5,686.8
3	Bioretention facilities		4,910	0.40	1,964.0
В	Plantings (credit for plants in landscaped areas from S	ection A)	square feet	Native Bonus square fee t	
1	Groundcovers, or other plants < 2' height	# of plants	500	0.20 # of plants	100.0
2	Plants ≥ 2' height at maturity - calculated at 9-sf per plant	500	4500	0.30	1,350.0
3	New trees with less than 40-foot can opy spread - calculated at 50 sq ft per tree	# of trees	800	# of trees 0.50	300.0
4	New trees with 40-foot or greater canopy spread - calculated at 250 sq ft per tree	# of trees	0	# of trees 0.60	P
5	Preservation of existing tree 6" to 12" DBH - calculated at 250 sq ft per tree	# of trees	0	# of trees 0.70	÷
6	Preservation of existing tree 12" to 18" DBH - calculated at 600 sq ft per tree	# of trees	a	# of trees 0.70	£
7	Preservation of existing trees 18" to 24" DBH - calculated at 1300 sq ft per tree	# of trees	٥	# of trees	£
8	Preservation of existing trees 24" DBH or greater - calculated at 2000 sq ft per tree	# of trees	1 0	# of trees	ži.
9	Vegetated wall, plantings on a vertical surface		square feet	square feet 0.60	50
С	Vegetated or "green" roofs				
1	Over at least 2" and less than 8" of growth medium		square feet	square feet 0.60	¥
2	Over at least 8" of growth medium		square feet 13,994	squore feet 0.80	11,195.2
D	Permeable Paving***				
1	Permeable paving over 6" to 24" of soil or gravel		square feet 13,541	0.40	5,416.4
2	Permeable paving over at least 24" of soil or grave		square feet	0.50	5.
E	Other				
1	Enhanced tree growth systems***		square feet	0.40	×
2	Renewable energy generation		square feet 3,400	0.50	1,700.0
3	Approved water features		square feet	0.20	E
F	Bonuses	sub-total of sq fi	= 50,923		
1	Native plant species		square feet O	0.10	8
2	Landscaping in food cultivation		squ-are feet	0.10	29
3	Harvested stormwater irrigation		square feet	0.10	50
≛* Perm	eable paving and structural soil together may not qualify for more than one	third of the Green	Green Areo Robo n Area Ratio score.	umerator =	27,712

