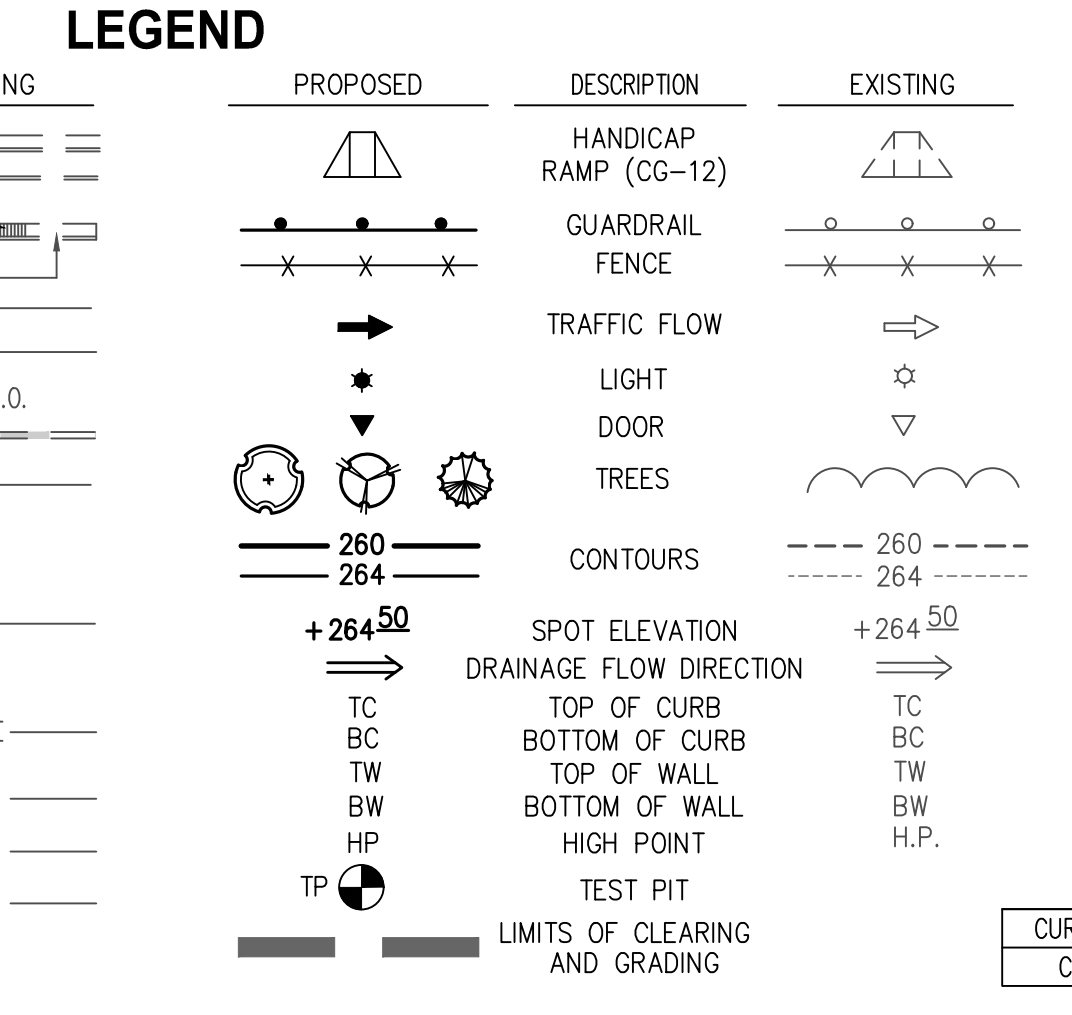


LOT 526A
 SEC 5
 LEE HEIGHTS
 DB 837 PG 284
 LOT 527A

LOT 532AB
 5TH ADDITION
 LEE HEIGHTS
 DB 1052 PG 530



SANITARY LATERAL DESIGN SCHEDULE

ADDRESS	FROM MH	TO MH	PROPOSED SANITARY LATERAL SCHEDULE				LENGTH TO C.O.	4" INV. @ FAR END	4" INV. @ FAR END	B.F. ELEV.	
			LATERAL SLOPE	SANITARY STATION	8" MAIN INVERT	4" INVERT @ MAIN					
LOT B1 - 4219 LORCOM LANE	14305	4739	2.08%	3+20	304.86	305.53	47	306.51	67	307.90	310.31
LOT A1 - 4221 LORCOM LANE	4739	4741	2.08%	0+57	304.34	305.01	47	305.98	67	307.38	312.28

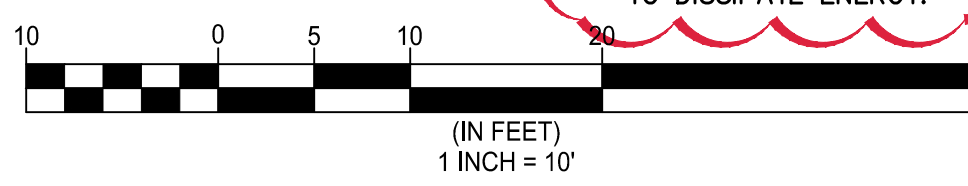
*NOTE: TEST PIT REQUIRED TO DETERMINE INVERT OF CONNECTION POINT FOR LOT A1. THE EXISTING DOWNSTREAM SANITARY MANHOLE IS INACCESSIBLE AND AN INVERT CANNOT BE DETERMINED. FOR THE PURPOSES OF DESIGN, A 0.5% SLOPE OF THE EXISTING PIPE IS ASSUMED.

BUILDING HEIGHT COMPUTATIONS

LOT	ADDRESS	FROM EXISTING GRADE AT 4 CORNERS	MAX. BUILDING HT ALLOWED = 35' FROM AVG. GRADE	BUILDING HT. FROM FF = 27.72'	BUILDING HT. PROVIDED = 25.92' + 322.3 = 350.02'	ALLOWABLE
LOT A1	4221 LORCOM LANE	317.7 + 319.68 + 314.92 + 314.33 = 1266.63 / 4 = 316.66	316.66 + 35 = 351.66 (MAX. MIDPOINT OF ROOF)	27.72	350.02	350.02 < 351.66 ALLOWABLE
LOT B1	4219 LORCOM LANE	313.42 + 314.2 + 306.3 + 312.85 = 1246.77 / 4 = 311.69	311.69 + 35 = 346.69 (MAX. MIDPOINT OF ROOF)	25.92	346.25	346.25 < 346.69 ALLOWABLE

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD	CHORD BEARING
CT	5,698.58'	110.98'	1'06"57"	55.49'	110.98'	S47°55'57"W



NOTES

- SEE SHEET C-0101 FOR ARLINGTON COUNTY STREET, WATER, AND SANITARY NOTES.
- SEE SHEET C-0301 FOR EXISTING STORM AND SANITARY AS-BUILT INFORMATION.
- SEE SHEET C-0402 FOR DIMENSION PLAN AND ZONING TABULATIONS.
- SEE SHEET C-0901 FOR SANITARY LATERAL AND WATER SERVICE PROFILES.
- PROPOSED RETAINING WALLS TO BE DESIGNED AND PERMITTED BY OTHERS.
- PROPOSED RETAINING WALLS MUST INCLUDE UNDERDRAINS AND/OR SCUPPERS TO ACCOUNT FOR SITE DRAINAGE TOWARD WALLS.
- PROPOSED DRAINAGE DESIGN INCLUDES DRY WELLS FOR STORMWATER MANAGEMENT. PROPOSED RETAINING WALL DESIGN MUST INCLUDE WATERPROOFING PROVISIONS IF NECESSARY.

WEEP HOLES

- WEEP HOLES TO BE PROVIDED ALONG RETAINING WALL PER STRUCTURAL DESIGN REQUIREMENTS.
- ALL WEEP HOLES TO OUTFALL ONTO 12" X 6" DEEP GRAVEL SUMP STRIP (WEEP HOLE PROTECTION) TO DISSIPATE ENERGY.

PERMEABLE PAVEMENT

ALL PERMEABLE PAVEMENT IS TO BE PROTECTED DURING CONSTRUCTION FROM COMPACTION. COMPACTION DURING CONSTRUCTION CAN REDUCE SOIL INFILTRATION RATES. THESE AREAS SHOULD NOT BE USED TO STAGE OR OPERATE LARGE EQUIPMENT AND SHOULD BE FLAGGED SO THAT THEY CAN BE AVOIDED WHENEVER POSSIBLE.

LAYOUT AND GRADING PLAN

Engineers • Surveyors • Planners
 Landscape Architects • Arborists
 207 PARK AVENUE
 FALLS CHURCH, VIRGINIA 22046
 (703) 532-6163 Fax (703) 533-1301
 www.WLPINC.com

ARLINGTON, VIRGINIA DEPARTMENT OF ENVIRONMENTAL SERVICES

4219/4221 LORCOM LANE
 THE PROPERTY OF R.A. PHILLIPS
 GRADING PLAN
 4219/4221 LORCOM LANE, ARLINGTON, VIRGINIA 22207

SCALE: 1"=10'	DRAWN CR	CHECKED TP/BKW
SUBMITTED DATE 03/05/2019	DATE 05/07/2019	DATE 06/24/2019
		DATE 07/17/2019
	APPROVED DATE	DIRECTOR OF ENVIRONMENTAL SERVICES
SHEET: C-0401		