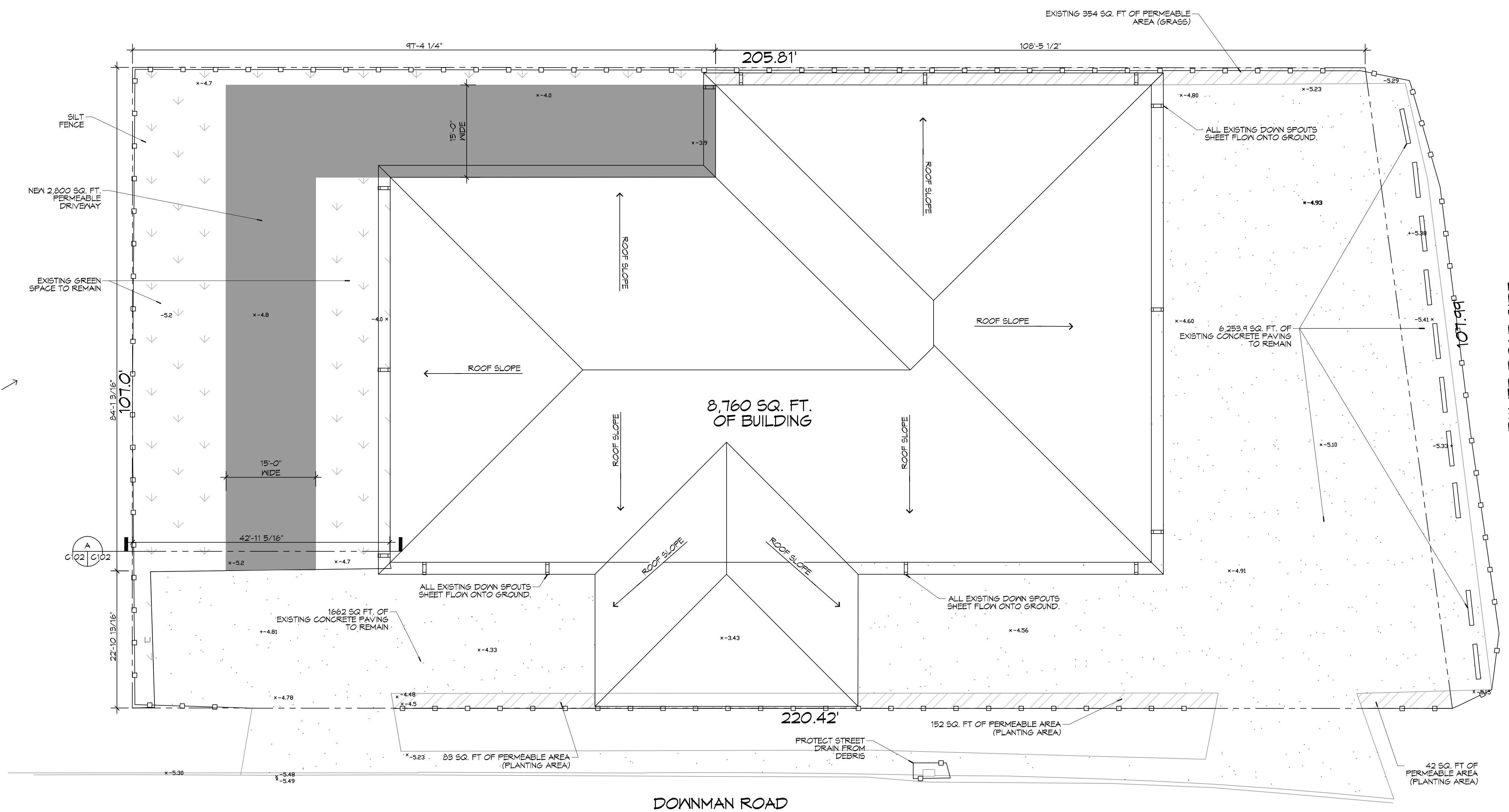


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HARD & GREEN SPACE

EXISTING CONCRETE PARKING = 1168.00 SQ. FT.
 EXISTING GRASS & LANDSCAPING (PERMEABLE) = 3067.00 SQ. FT.
 NEW INTERLOCKING DRIVEWAY (PERMEABLE) = 2800.00 SQ. FT.
 BUILDING AREA = 8,760 SQ. FT.
 TOTAL AREA = 21,795.00 SQ. FT.

STORMWATER CONTROL LEGEND

—○—○—○—○— SILT FENCE

▭ ALL EXISTING DOWN SPOUTS SHEET FLOW ONTO GROUND

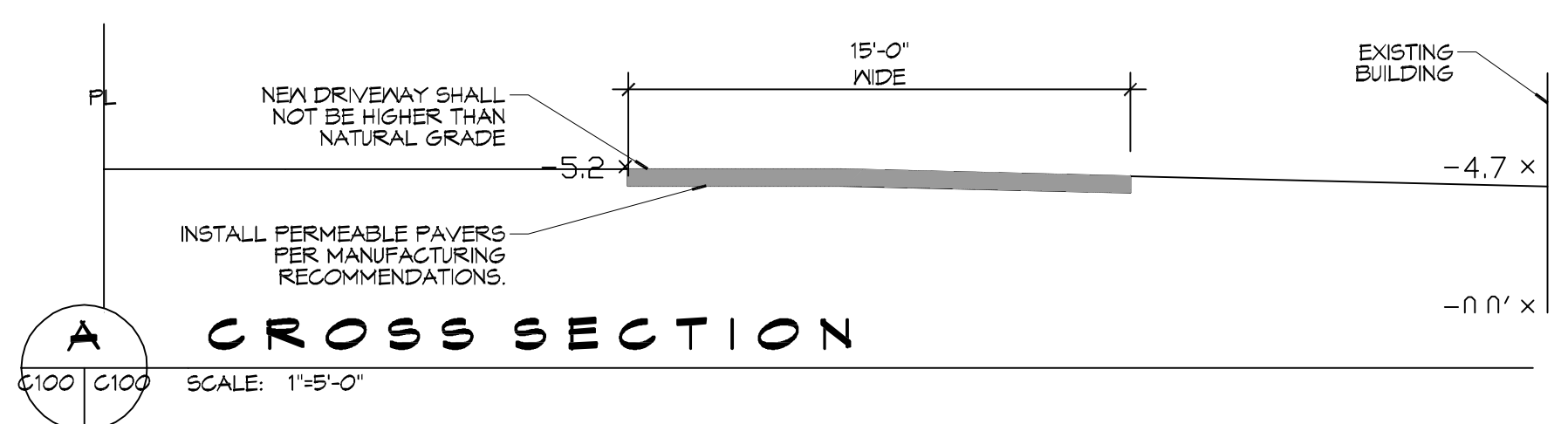
STORMWATER

- 1) ALL PERMEABLE PAVING INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVING SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.
- 2) DESIGNING PLANTING AREAS, ESPECIALLY THOSE BY PASSING TREATMENT SYSTEMS, TO ENCOURAGE INFILTRATION TO THE DEGREE POSSIBLE.
- 3) IN ORDER TO ENCOURAGE INFILTRATION OF STORMWATER AND TO MINIMIZE THE MIGRATION OF SEDIMENTS, THE FINISHED GRADE FOR ALL LANDSCAPING AREAS SHALL BE SET 3/4" MINIMUM BELOW SURROUNDING HARDSCAPE CONTAINMENTS (CURBS, SIDEWALKS, FOUNDATIONS ETC.). THIS STANDARD MAY BE WAIVED IF NECESSARY TO PROMOTE THE PRESERVATION OF TREES SHOWN AS SUCH.
- 4) PURSUANT TO BUILDING CODE SECTION 121.17, PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, POST CONSTRUCTION CERTIFICATION INCLUDING AS-BUILT DRAWINGS, AFFIDAVIT FROM DESIGNER/S, AND PERFORMANCE BOND BASED UPON THE ACTUAL COST OF CONSTRUCTION MUST BE SUBMITTED FOR APPROVAL. AFTER FINAL INSPECTION THESE DOCUMENTS MUST BE RECORDED WITH THE CIVIL DISTRICT CLERK COURT.

DAYER ROAD SIDE

PROJECT: Boyd Funeral Home			
DRAINAGE SWAY OFF CALCULATIONS - RATIONAL METHOD			
PRIOR DEVELOPMENT			
Watersight Surfaces	C11 = 0.38	19528	sq ft = 0.366 Acres
Gravel Surface	C21 = 0.34	0	sq ft = 0.000 Acres
Green Space	C31 = 0.21	5667	sq ft = 0.130 Acres
Summary	c = 0.24	21766	sq ft = 0.500 Acres
POST DEVELOPMENT			
Watersight Surfaces	C11 = 0.38	19528	sq ft = 0.366 Acres
Gravel Surface	C21 = 0.34	2800	sq ft = 0.064 Acres
Green Space	C31 = 0.21	3000	sq ft = 0.070 Acres
Summary	c = 0.24	21766	sq ft = 0.500 Acres
D = Time of concentration (TC)			
TC = 70.90 * 0.3977 * 1.1000 * 1.1000 = 1.000			
where:			
L = 800	Runoff length ft	Elev diff = 1	
c = 0.21	Runoff coef		
S = 1.6667	Percent Slope		
TC = 0 = 4.76	minutes or		
L = 800	in ft		
and from Rational Intensity I			
Q ₁ = 1.581 cfs	RUNOFF LIMIT 90%	1.447 cfs	

PAVING PLAN
SCALE: 1" = 10'-0"



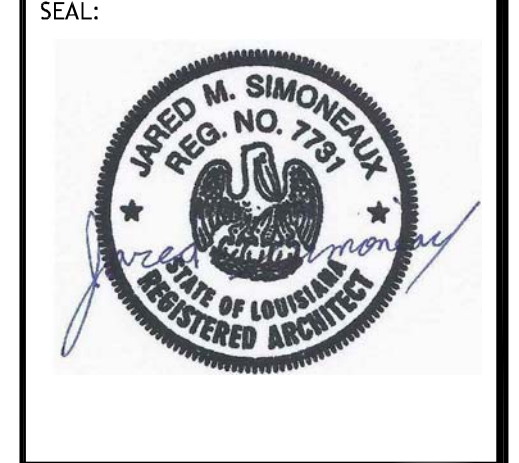
NO ADVERSE IMPACTS TO ADJACENT PROPERTIES

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

www.dammonengineering.com
 info@dammonengineering.com
 Phone: 858.647.3522

Chief Engineer: Brian Mitchell, PE
 554 Old Spanish Trail
 Slidell, LA 70688

DATE	REVISIONS	DESCRIPTION



NEW FUNERAL HOME
BOYER FAMILY HOME
 4900 DOWNMAN ROAD
 NEW ORLEANS, LA

JOB No: 23946 DATE: 11-10-2023
 DRAWN BY: CSD CHECKED BY: CSD

SHEET TITLE:
PAVING PLAN

DRAWING NUMBER:
C102

SHEET No: 4 of # 21