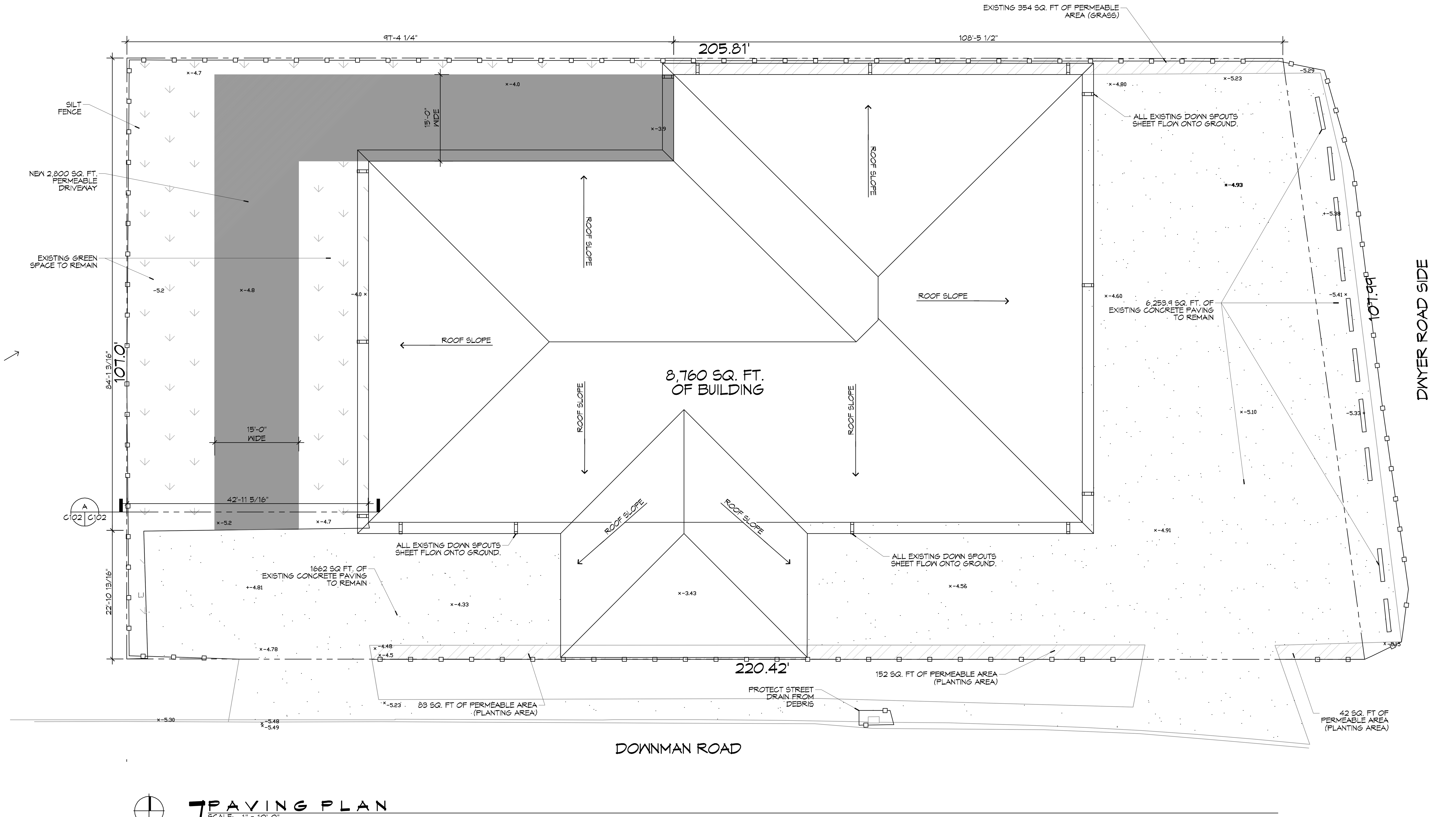
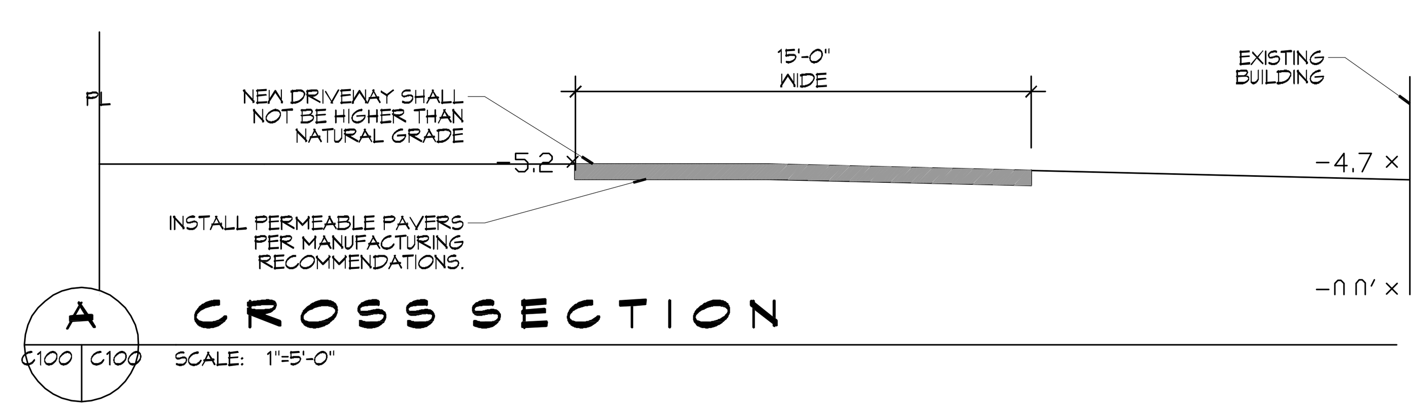


7 PAVING PLAN
SCALE: 1" = 10'-0"



A CROSS SECTION
C100 C100
SCALE: 1"=5'-0"

NO ADVERSE IMPACTS TO ADJACENT PROPERTIES

HARD & GREEN SPACE

EXISTING CONCRETE PARKING = 7168.00 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 SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVEMENT 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 STORWATER AND TO MINIMIZE THE MIGRATION OF SEDIMENTS, THE FINISHED GRADE FOR ALL LANDSCAPING AREAS SHALL BE SET 3" MINIMUM BELOW SURROUNDING HARDSCAPE CONTAINMENTS (CURBING, 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 CONSTRICTION MUST MUST BE SUBMITTED FOR APPROVAL. AFTER FINAL INSPECTION THESE DOCUMENTS MUST BE RECORDED WITH THE CIVIL DISTRICT CLERK COURT.

PROJECT:	Boyd Funeral Home					
DRAINAGE RUN OFF CALCULATIONS -- RATIONAL METHOD						
PRIOR DEVELOPMENT						
10 Year Frequency						
Q_1 = CIA						
Watertight Surfaces			15928	sqft =	0.366	Acres
c(1) =	0.9					
Gravel Surface			0	sqft =	0.000	Acres
c(2) =	0.14					
Green Space			5867	sqft =	0.135	Acres
c(3) =	0.21					
Summary			21795	sqft =	0.500	Acres
c =	0.71					
Duration (D) = Time of concentration (TC)						
TC = .7039(L^.3917)(c^-1.1309)(S^-.1985)						
where	L =	60	Runoff length ft		Elev diff =	1
	c =	0.71	Runoff coef			
	S =	1.6667	Percent Slope			
therefore	TC = D =	4.63	minutes or			
and from Rainfall Intensity T	I =	4.50	in/hr			
Q_1 =	1.608	cfs	RUNOFF LIMIT	90%	1.447	cfs
POST DEVELOPMENT						
10 Year Frequency						
Q_2 = CIA						
Watertight Surfaces			15928	sqft =	0.366	Acres
c(1) =	0.9					
Gravel Surface			2800	sqft =	0.064	Acres
c(2) =	0.14					
Green Space			3067	sqft =	0.070	
c(3) =	0.21					
Summary			21795	sqft =	0.500	Acres
c =	0.71					
D = Time of concentration (TC)						
TC = .7039(L^.3917)(c^-1.1309)(S^-.1985)						
where	L =	60	Runoff length ft		Elev diff =	1
	c =	0.71	Runoff coef			
	S =	1.6667	Percent Slope			
therefore	TC = D =	4.76	minutes or			
and from Rainfall Intensity T	I =	4.50	in/hr			
Q_2 =	1.588	cfs				

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	REVISIONS	DATE

SEAL:

NEW FUNERAL HOME
BOYD FAMILY FUNERAL HOME
4800 DOWNMAN ROAD
NEW ORLEANS, LA

JOB No: 2946 DATE: 11-10-2020
DRAWN BY: CKD CHECKED BY: CKD

SHEET TITLE:
PAVING PLAN

DRAWING NUMBER:
C102