

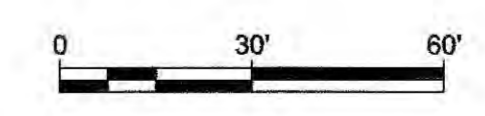
PARCEL CURVE TABLE

CURVE #	RADIUS	DELTA	ARC LENGTH	TANGENT	CHORD LENGTH	CHORD BEARING
C1	2487.85'	000°47'42"	34.52'	17.26'	34.52'	N 47°54'22" W
C2	2310.18'	001°22'34"	55.48'	27.74'	55.48'	N 46°47'39" W
C3	1319.46'	002°37'17"	80.37'	30.19'	80.36'	N 56°44'48" E

- NOTES:**
1. TOPOGRAPHIC INFORMATION SHOWN HEREON OBTAINED FROM ORANGE COUNTY GIS
 2. SUBJECT LOTS ARE LOCATED WITHIN THE WATERSHED PROTECTION DISTRICT.
 3. SOUTHERN TOP OF MORGAN CREEK BANK OBTAINED IN THE FIELD BY PHILIP POST & ASSOC. ON 10/12/2016.

LEGEND

- 370 --- EXISTING 2' CONTOURS
- 00 --- 00 --- EXISTING OVERHEAD UTILITY LINES
- 0E --- 0E --- EXISTING UNDERGROUND POWER
- S --- S --- EXISTING SANITARY SEWER MAIN
- D --- D --- EXISTING STORM SEWER
- --- --- EXISTING TREE LINE
- (Symbol) EXISTING CONIFER TREE AND CANOPY
- (Symbol) EXISTING DECIDUOUS TREE AND CANOPY
- --- --- 100 YEAR FLOOD PLAIN LINE
- --- --- MANAGED USE ZONE



Pennoni
 Firm License F-1287
PENNONI ASSOCIATES, INC.
 401 Providence Road #200
 Chapel Hill, NC 27514
 T 919.929.1173 F 919.493.6548

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

Professional Engineer Seal for Peter C. Bennett, License No. 83300, State of North Carolina, dated 8/24/17.

CHAPEL HILL COOPERATIVE PRESCHOOL
 108 MT. CARMEL CHURCH ROAD
 CHAPEL HILL, NC 27514

EXISTING CONDITIONS PLAN

CHAPEL HILL COOPERATIVE PRESCHOOL
 106 PUREFOY ROAD
 CHAPEL HILL, NC 27514

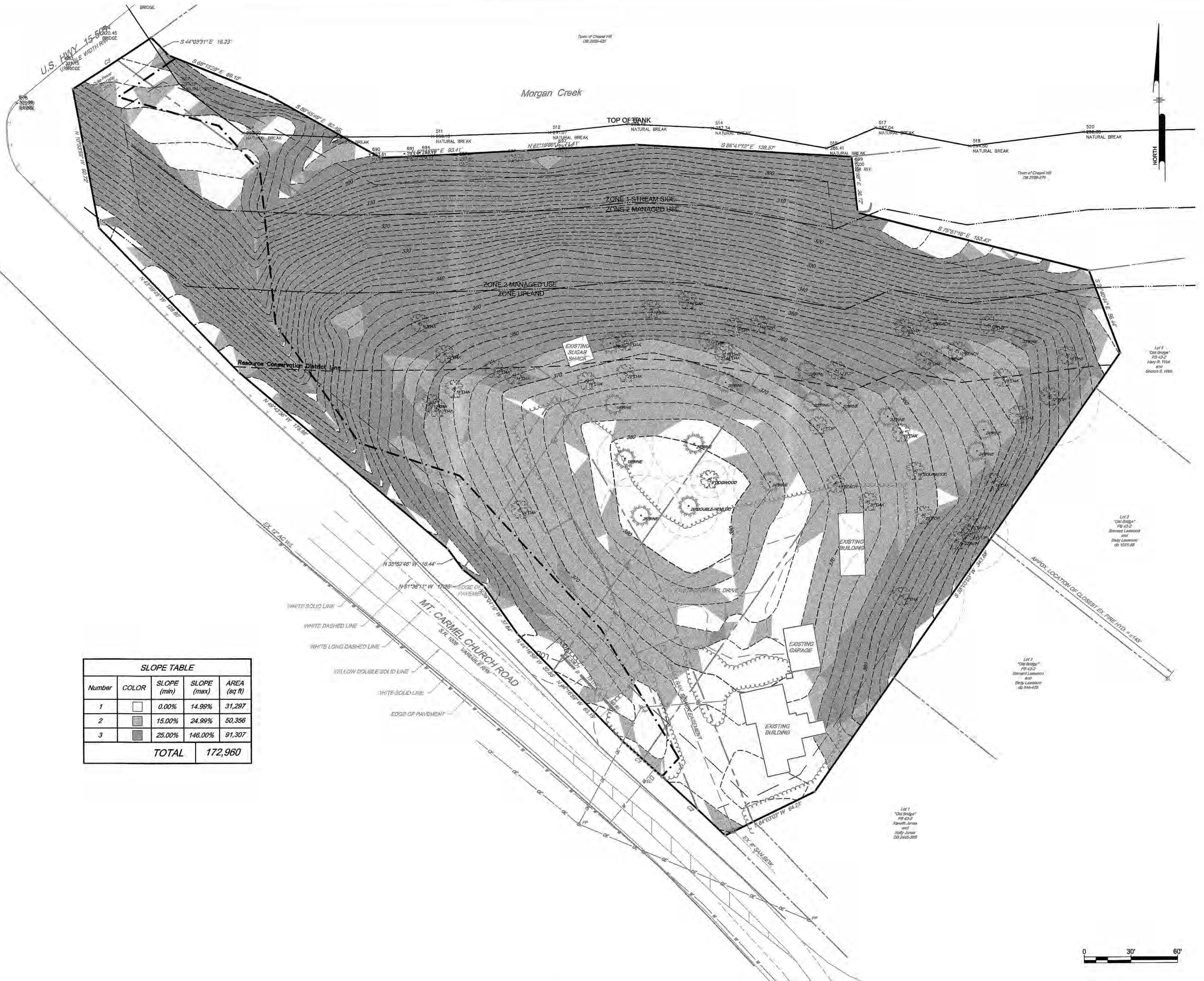
NO.	DATE	REVISIONS	BY

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PROJECT: CHCP1601
 DATE: 2017-08-22
 DRAWING SCALE: 1" = 30'
 DRAWN BY: DMC
 APPROVED BY: PCB

NOT FOR CONSTRUCTION

P:\Projects\CHCP\CHCP1601\1601 Mt Carmel Church Road Design - Public\BKR\32022.dwg
 PLOTTED: 8/22/2017 2:11 PM BY: Duane Cherry T:\01\1601\1601 Mt Carmel Church Road Design - Public\BKR\32022.dwg
 PROJECT STATUS: CONCEPT PLAN APPLICATION



SLOPE TABLE				
Number	COLOR	SLOPE (min)	SLOPE (max)	AREA (sq ft)
1		0.00%	14.99%	31,297
2		15.00%	24.99%	50,356
3		25.00%	146.00%	91,307
TOTAL				172,960



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PETER C. BELK
 ENGINEER
 STATE OF NORTH CAROLINA

CHAPEL HILL COOPERATIVE PRESCHOOL
 108 MT. CARMEL CHURCH ROAD
 CHAPEL HILL, NC 27514

SLOPE ANALYSIS PLAN

CHAPEL HILL COOPERATIVE PRESCHOOL
 108 PUREFOY ROAD
 CHAPEL HILL, NC 27514

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PROJECT	CHCP1601
DATE	2017-08-22
DRAWING SCALE	1"= 30'
DRAWN BY	DMC
APPROVED BY	PCB

CS0202
 SHEET 3 OF 4

