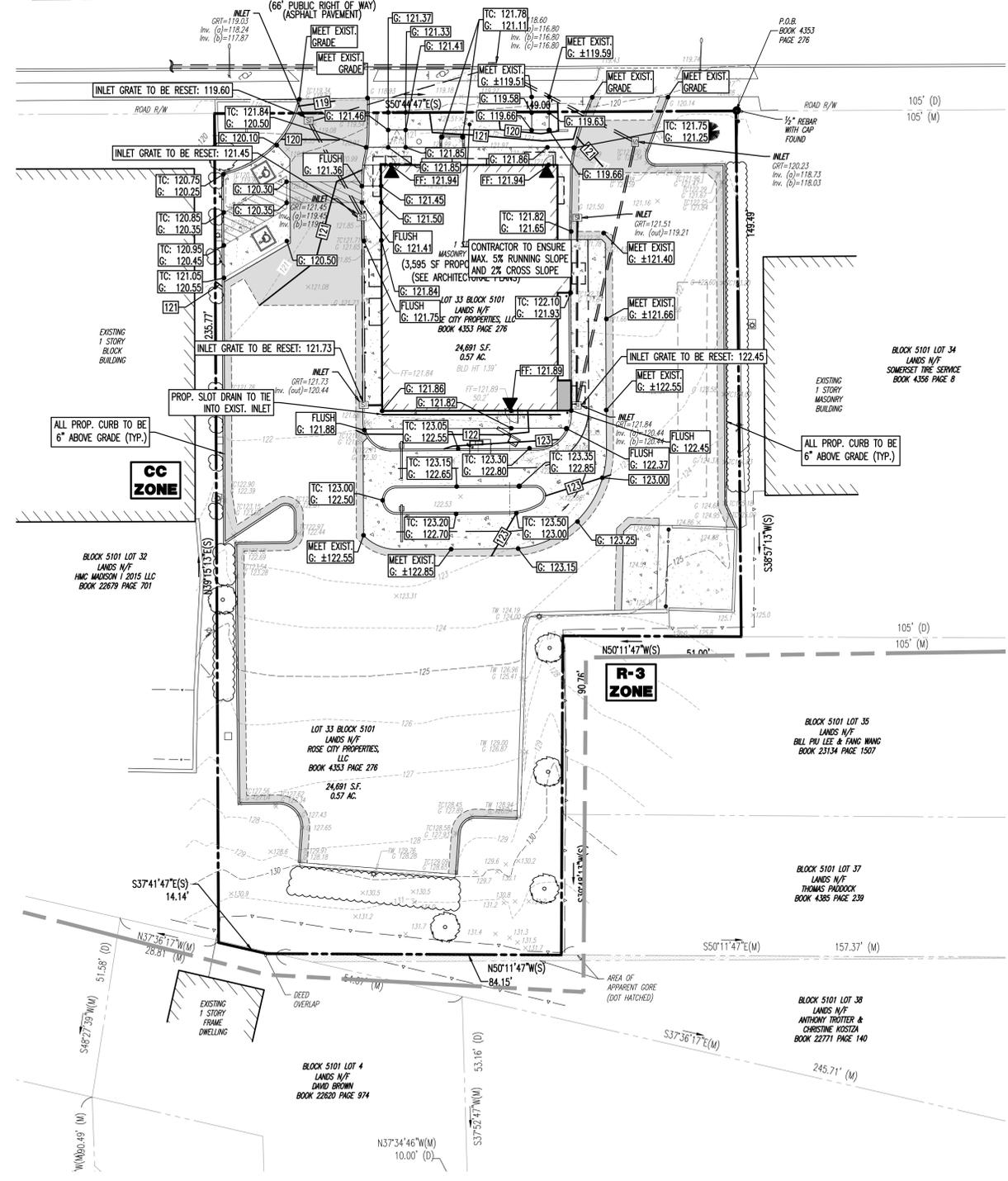


GRADING NOTES

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YELLING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER A.S.T.M. TEST D-1557. MOISTURE CONTENT AT THE TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER, REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
- CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MIN. SLOPE AGAINST ALL ISLAND GUTTERS, CURBS AND 1.0% ON ALL CONCRETE SURFACES, AND 1-1/2% MIN. ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COSTS MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITH DESIGN DISCREPANCIES IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MIN. OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER TO APPROVE FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION.
- SUBBASE MATERIAL FOR SIDEWALKS, CURBS, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED TO 95% OPTIMUM DENSITY (AS DETERMINED BY MODIFIED PROCTOR METHOD).
- REFER TO SITE PLAN FOR ADDITIONAL NOTES.
- IN CASE OF DISCREPANCIES BETWEEN PLANS, THE SITE PLAN WILL SUPERCEDE IN ALL CASES. CONTRACTOR MUST NOTIFY ENGINEER OF RECORD OF ANY CONFLICT IMMEDIATELY.
- MAXIMUM CROSS SLOPE OF 2% ON ALL SIDEWALKS.
- CONTRACTOR TO ENSURE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS IN ADA PARKING SPACES AND ADA ACCESS AISLES. CONTRACTOR TO ENSURE A MAXIMUM OF 5% RUNNING SLOPE AND 2% CROSS SLOPE ALONG ALL OTHER PORTIONS OF ACCESSIBLE ROUTE, WITH THE EXCEPTION OF RAMPS AND CURB RAMPS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING CONSTRUCTION IN ADA AREAS WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- THE OWNER SHALL OBTAIN DYNAMIC EARTH, LLC (908-879-7085) OR ALTERNATE QUALIFIED GEOTECHNICAL ENGINEER TO TEST SOIL PERMEABILITY AND PROVIDE CONSTRUCTION PHASE INSPECTIONS OF THE SOIL BOTTOM SOILS AND ANY FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR RETENTION BASIN TO COMPARE RESULTS TO DESIGN CRITERIA.
- CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE OR OVERLY COMPACT SOIL OR ROCK AS NEEDED TO ACHIEVE REQUIRED PERMEABILITY AS DIRECTED BY THE OWNERS GEOTECHNICAL ENGINEER, AND NEW FILL, IF NEEDED, SHALL HAVE AN IN PLACE PERMEABILITY GREATER THAN OR EQUAL TO THE DESIGN CRITERIA.
- CONTRACTOR IS RESPONSIBLE FOR CONTRACTING THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO SUBMIT AND CONFIRM THE CONTRACTOR'S PROPOSED INSPECTIONS OF THE SOIL BOTTOM SOILS AND ANY FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR RETENTION BASIN TO COMPARE RESULTS TO DESIGN CRITERIA.
- THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DEFINED OTHERWISE ELSEWHERE IN THE CONTRACT DOCUMENTS.

R-6 ZONE

MAIN STREET
(a.k.a. NEW JERSEY STATE ROUTE 124)



GRADING/UTILITY GRAPHIC LEGEND

PROPERTY LINE (PARCEL IN QUESTION)		OFF-SITE PROPERTY LINES	
C	EXIST. CABLE LINE	C	PROP. CABLE LINE
E	EXIST. ELECTRIC LINE	E	PROP. ELECTRIC LINE
FO	EXIST. FIBER OPTIC LINE	FO	PROP. FIBER OPTIC LINE
G	EXIST. GAS LINE	G	PROP. GAS LINE
OH	EXIST. OVERHEAD WIRES	OH	PROP. OVERHEAD WIRES
T	EXIST. TELEPHONE LINE	T	PROP. TELEPHONE LINE
UGET	EXIST. UNDERGROUND ELEC./TELE. SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)	UGET	PROP. UNDERGROUND ELEC./TELE. SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)
W	EXIST. WATER LINE	W	PROP. WATER LINE
S	EXIST. SANITARY SEWER LINE	S	PROP. SANITARY SEWER LINE
SD	EXIST. STORM DRAIN LINE	SD	PROP. STORM DRAIN LINE
XX	EXIST. MINOR CONTOUR & ELEVATION	XX	PROP. FINISH GRADE CONTOUR & ELEVATION
XX	EXIST. MAJOR CONTOUR & ELEVATION		
+	EXIST. MONITORING WELL		
+	APPROX. TEST PIT LOCATION		
+	EXIST. SPOT ELEVATIONS	G: 000.00	PROP. GRADE SPOT ELEV.
+	EXIST. GUTTER ELEV.	TC: 000.00	PROP. TOP OF CURB & FINISHED GRADE ELEV.
+	EXIST. TOP OF CURB ELEV.	CS: 000.00	PROP. FINISHED FLOOR ELEV.
+	EXIST. FINISH FLOOR ELEV.	FF: 000.00	PROP. TOP OF WALL & FINISHED GRADE @ LOW SIDE OF WALL (FACTUAL BOTTOM OF WALL FOOTING TO BE ESTABLISHED BY WALL DESIGNER)
+	EXIST. GARAGE FLOOR ELEV.	GW: 000.00	PROP. TOP OF EXTENDED CURB @ HIGH SIDE OF EXTENDED CURB & (G) FINISHED GRADE @ LOW SIDE OF EXTENDED CURB
+	EXIST. FIRE HYDRANT	HL: 000.00	
+	EXIST. WATER VALVE		
+	EXIST. GAS METER		
+	EXIST. ELECTRIC METER		
+	EXIST. ELECTRIC BOX		
+	EXIST. CLEAN OUT		
+	EXIST. WELL		
+	EXIST. WATER SHUT OFF VALVE		
+	EXIST. TELEPHONE BOX		
+	EXIST. CABLE TV BOX		
+	EXIST. UTILITY POLE		
+	EXIST. GUY WIRE		
+	EXIST. LIGHT POLE		
+	EXIST. BUILDING LIGHT		
+	EXIST. SHOE BOX LIGHT		
+	EXIST. COBRA LIGHT POLE		
+	EXIST. TRAFFIC SIGNAL POLE		
+	EXIST. MANHOLE		
+	EXIST. "A" INLET		
+	EXIST. "B" INLET		
+	EXIST. "C" INLET		
+	EXIST. YARD INLET		
+	EXIST. FLARED END SECTION		
+	EXIST. HEADWALL		



REV.	DATE	COMMENTS
1	06/11/20	REVISED PER BOROUGHS COMPLETENESS

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

OWNER: JDC/ARR
DESIGNER: JFC
CHECKER: JFC

PROJECT: **CARROLLS RESTAURANT GROUP**
PROPOSED RESTAURANT REMODEL
BLOCK 5101, LOT 33
317 MAIN STREET (N.J.S.R. 124)
BOROUGH OF MADISON, MORRIS COUNTY, NEW JERSEY

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ROBERT J. COLUCCO III
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 55851

JOSEPH C. SPARONE
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 47204

TITLE:
GRADING PLAN

SCALE: (H) 1" = 20'
(V) 1" = 10'

DATE: 04/16/2020

PROJECT No: 2766-99-002

SHEET No: **5**

Rev. #:

OF 12 1