

# HYUNDAI OF SOUTH CHARLOTTE PINEVILLE, NORTH CAROLINA

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**REGISTERED ARCHITECT**  
CENT. NO. 5174  
STATE OF NORTH CAROLINA  
CHARLOTTE, N.C.

**RICHARD CUEVAS**  
ARCHITECT  
SINCE 1930  
RICHARD CUEVAS  
03/04/2020

Scale: 03/04/2020

CIVIL	ARCHITECTURAL	ARCHITECTURAL (CONT'D)	STRUCTURAL	PLUMBING	MECHANICAL	ELECTRICAL
C100 EXISTING CONDITIONS/DEMOLITION PLAN	CS1 CODE SUMMARY DEALERSHIP AND DRAWING INDEX	A4.1 WALL SECTIONS	S1.01 PARTIAL FOUNDATION & FLOOR SLAB PLAN	P1 PLUMBING SCHEDULE, NOTES & LEGEND	M1 MECHANICAL SCHEDULES, NOTES, & LEGEND	E1 ELECTRICAL SCHEDULES, NOTES & SCHEDULES
C200 SITE PLAN	CS2 CODE SUMMARY WAREHOUSE	A4.2 WALL SECTIONS	S1.02 PARTIAL FOUNDATION & FLOOR SLAB PLAN	P2 PARTIAL FIRST FLOOR SANITARY WASTE PLAN - SALES	M2 PARTIAL MECHANICAL FLOOR PLAN - SALES	E2 PARTIAL FIRST FLOOR LIGHTING PLAN - SALES
C300 EROSION CONTROL PLAN-PRE DEVELOPED	CS3 CODE SUMMARY CAR WASH	A4.3 WALL SECTIONS	S1.03 PARTIAL LINTEL PLAN	P3 PARTIAL FIRST FLOOR SANITARY WASTE PLAN - SERVICE	M3 PARTIAL MECHANICAL FLOOR PLAN - SERVICE	E3 PARTIAL FIRST FLOOR LIGHTING PLAN - SERVICE AND MEZZANINE ELECTRICAL PLANS
C301 EROSION CONTROL PLAN-POST DEVELOPED	SP001 SPECIFICATIONS	A4.4 WALL SECTIONS	S1.04 PARTIAL LINTEL PLAN	P4 PARTIAL ROOF DRAINAGE PLAN - SALES	M4 PARTIAL MECHANICAL ROOF PLAN - SALES	E4 PARTIAL ROOF LIGHTING PLAN - SERVICE
C302 GRADING AND DRAINAGE PLAN	SP002 SPECIFICATIONS	A4.5 WALL SECTIONS	S1.05 PARTIAL ROOF DRAINAGE PLAN - SERVICE	P5 PARTIAL ROOF DRAINAGE PLAN - SERVICE	M5 PARTIAL MECHANICAL ROOF PLAN - SERVICE	E5 PARTIAL ROOF LIGHTING PLAN - SERVICE
C400 UTILITY PLAN	SP003 SPECIFICATIONS	A4.6 WALL SECTIONS	S1.06 PARTIAL ROOF FRAMING PLAN	P6 PARTIAL FIRST FLOOR WATER PIPING PLAN - SALES	M6 CAR WASH MECHANICAL PLAN	E6 PARTIAL FIRST FLOOR LIGHTING PLAN - SALES
C500 SITE CONSTRUCTION DETAILS	A.01 OVERALL BUILDING AND ROOF PLAN	A4.8 PLAN DETAILS AND SECTION DETAILS	S1.07 WAREHOUSE PLAN	P7 PARTIAL FIRST FLOOR WATER PIPING PLAN - SERVICE	M7 WAREHOUSE MECHANICAL PLAN	E7 PARTIAL FIRST FLOOR LIGHTING PLAN - SERVICE AND MEZZANINE LIGHTING PLAN
C501 SITE CONSTRUCTION DETAILS	A0.2 ARCHITECTURAL SITE PLAN	A5.1 ENLARGED PLANS, INTERIOR ELEVATIONS & DETAILS	S2.01 FOUNDATION SECTIONS	P8 PARTIAL ROOF GAS PIPING PLAN - SALES	M8 MECHANICAL DETAILS	E8 CARWASH ELECTRICAL PLANS
C502 SITE CONSTRUCTION DETAILS	A1.1 PARTIAL PLAN SALES	A5.2 ENLARGED PLANS, INTERIOR ELEVATIONS & DETAILS	S2.02 ROOF FRAMING SECTIONS & DETAILS	P9 PARTIAL ROOF GAS PIPING PLAN - SERVICE		E9 WAREHOUSE ELECTRICAL PLAN
C503 SITE CONSTRUCTION DETAILS	A1.1b PARTIAL RCP SALES	A5.5 TYPICAL SERVICE BAY STANDARDS	S2.03 SECTIONS	P10 CARWASH PLUMBING PLANS		E10 ELECTRICAL LEGEND, NOTES & SCHEDULES
C504 BMP #1 DETAILS	A1.2 PARTIAL PLAN SERVICE	A5.2 DOOR & WINDOW DETAILS	S3.01 BRACED FRAME ELEVATIONS & DETAILS	P11 SANITARY WASTE RISER DIAGRAM - SALES		E11 ELECTRICAL PANEL SCHEDULES
C505 BMP #2 DETAILS	A1.2b PARTIAL RCP SERVICE	A6.1 STOREFRONT & CURTAIN WALL ELEVATIONS	S3.02 GENERAL NOTES	P12 SANITARY WASTE RISER DIAGRAM - SERVICE		E12 ELECTRICAL SITE PLAN
C506 SITE CONSTRUCTION DETAILS	A1.3 CARWASH, DUMPSER & FUEL STATION PLANS, ELEVATIONS & DETAILS	A6.2 DOOR & WINDOW DETAILS	S3.03 STATEMENT & SCHEDULE OF SPECIAL INSPECTIONS	P13 PLUMBING DETAILS		
C507 SITE CONSTRUCTION DETAILS	A1.4 WAREHOUSE ALTERATION PLANS, ELEVATIONS & DETAILS	A7.1 FINISH PLANS SCHEDULES & LEGENDS		P14 PLUMBING DETAILS		
C500 LANDSCAPE PLAN	A2.1 BUILDING ELEVATIONS			P15 PLUMBING DETAILS		
C700 SPECIFICATIONS	A2.2 BUILDING ELEVATIONS			P16 PIPE PENETRATION DETAILS		
C701 SPECIFICATIONS	A2.10 DRYVIT STUCCO DETAILS					
C702 SPECIFICATIONS	A3.1 BUILDING SECTIONS					
C703 SPECIFICATIONS	A3.2 BUILDING SECTIONS					
C704 SPECIFICATIONS						

### APPENDIX B - BUILDING CODE SUMMARY

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)			
Name of Project: HYUNDAI OF SOUTH CHARLOTTE			
Address: 10918 CADILLAC STREET		Zip Code: 28138	
Owner/Authorized Agent: NICK BERNOT, ALTERNATIVE MANAGEMENT SERVICES, INC. Phone #: 261-665-6902			
E-mail: nbern@nackmanagement.com			
City/County: MECKLENBURG STATE			
Code Enforcement: JURISDICTION			
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Plumbing: Kevin J. Pappas License # 87792 Telephone # 704.372.0001 Email: kpappas@integra.com			
Mechanical: Kevin J. Pappas License # 87792 Telephone # 704.372.0001 Email: kpappas@integra.com			
Structural: Tom Smiley License # 24912 Telephone # 704.372.0001 Email: tsmiley@integra.com			
Roof: Walk +5 High			
Other: (OTHER SHOULD INCLUDE FIRMS AND INDIVIDUALS SUCH AS TRUSS, PRECAST, PRE-ENGINEERED, INTERIOR DESIGNERS, ETC.)			
2018 IBC BUILDING CODE: [X] NEW BUILDING [ ] ADDITION [ ] BASED CONSTRUCTION - SHELL CORE [ ] PRESERVATION			
2018 IBC EXISTING BUILDING DATA: [ ] PRESERVATION [ ] ALTERATION LEVEL 1 [ ] HISTORIC PROPERTY [ ] REPAIR [ ] ALTERATION LEVEL 2 [ ] CHANGE OF USE [ ] CHAPTER 14 [ ] ALTERATION LEVEL 3			
CONSTRUCTION TYPE: [ ] I/A [ ] I/B [ ] I/C [ ] I/D [ ] I/E [ ] I/F [ ] I/G [ ] I/H [ ] I/I [ ] I/J [ ] I/K [ ] I/L [ ] I/M [ ] I/N [ ] I/O [ ] I/P [ ] I/Q [ ] I/R [ ] I/S [ ] I/T [ ] I/U [ ] I/V [ ] I/W [ ] I/X [ ] I/Y [ ] I/Z			
SPECIAL INSPECTIONS REQUIRED: [ ] No [ ] Yes			
GROSS BUILDING AREA TABLE			
Floor	EXISTING (SQ. FT.)	NEW (SQ. FT.)	SUB-TOTAL
8th Floor			
7th Floor			
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor			
Blowout			
TOTAL	18,383	18,283	36,666

  

ALLOWABLE HEIGHT				
BLDG. HEIGHT IN FEET (TABLE 503)	ALLOWED	SHOWN ON PLANS	REFERENCE	
75	75	75	TABLE 503	
BLDG. HT. IN STORY HEIGHTS (TABLE 504)	3	3	TABLE 504	

  

FIRE PROTECTION REQUIREMENTS				
Building Element	Fire Separation Distance (feet)	RECD (W)	Rating (W)	Design # for Rated Assembly
Structural Frame, including columns, girders, trusses	0	0	0	0
Roofing Walls (see section 801.602 (f) rated)	0	0	0	0
Exterior	0	0	0	0
North	0	0	0	0
East	0	0	0	0
West	0	0	0	0
South	0	0	0	0
Interior	0	0	0	0
Nonbearing Walls and Partitions (see section 801.602 (f) rated)	0	0	0	0
Exterior walls	0	0	0	0
North	0	0	0	0
East	0	0	0	0
West	0	0	0	0
South	0	0	0	0
Interior walls and partitions	0	0	0	0
Floor Construction including Supporting Beams and Joists	0	0	0	0
Floor Ceiling Assembly	0	0	0	0
Column Support Floors	0	0	0	0
Roof Construction, including Supporting Beams and Joists	0	0	0	0
Roof Enclosure - Exit	0	0	0	0
Shaft Enclosure - Other	0	0	0	0
Corridor	0	0	0	0
Occupant Elevator	0	0	0	0
Part Wall Sep.	0	0	0	0
Smoke Partition	0	0	0	0
Staircase	0	0	0	0
Roof Use Separation	1 ft.	1 ft.	1 ft.	1 ft.

  

LIFE SAFETY SYSTEM REQUIREMENTS				
Emergency Lighting	Exit Signs	Fire Alarm	Smoke Detection Systems	Carbon Monoxide Detection
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No

  

ACCESSIBLE DWELING UNITS (TABLE 1107)				
TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS PROVIDED	TYPE B UNITS PROVIDED
5	3	3	3	2

  

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)				
USE	Male	Female	Urinals	Shower/Tubs
Space	4	0	0	0

Order Plans

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### SCHEDULE OF SPECIAL INSPECTION SERVICES

[ ] No special inspections required for this project [X] Special inspections required

The following sheets contain the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

[X] IT-1 Verification of Soils	[X] IT-10 Inspection of Structural Steel Fabricators
[X] IT-2 Excavation and Filling	[X] IT-11 Structural Masonry
[X] IT-3 Piling and Drilling Piers	[X] IT-12 Welding
[X] IT-4 Modular Retaining Walls	[X] IT-13 High Strength Bolts & Steel Framing Insp
[X] IT-5 Reinforced Concrete	[X] IT-14 Spray Fire Resistance Materials
[X] IT-6 Exterior Insulation and Finish system	[X] IT-15 Exterior Insulation and Finish system
[X] IT-7 Pre-cast Concrete Erection	[X] IT-16 Seismic Resistance
[X] IT-8 Pre-stressed Concrete	[X] IT-17 Smoke Control
[X] IT-9 Inspection of Pre-cast Fabricators	[X] IT-18 Wood
[X] IT-19 Special Cases	

Check the above boxes for the special inspection required for this project and list below specific special inspections required under chapter 17. For questions regarding special inspections please see www.mck-st.com.

Revisions:  
Number Date Description

Project Title: HYUNDAI SOUTH CHARLOTTE

Project No: 2526.00

Drawing Title: CODE SUMMARY DEALERSHIP AND DRAWING INDEX

SET ISSUE DATE  
MARCH 4, 2020

Sheet: CS1