

FINAL APPROVAL

http://development.charmeck.org

ENGINEERING PCO / DETENTION / DRAINAGE PLAN

EROSION CONTROL

AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM AT http://development.charmeck.org

URBAN FORESTRY TREE ORDINANCE

CDOT

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE COMMERCIAL ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT MECKLENBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-336-3829 FOR MORE INFORMATION

ROSPERITY VILLAGE SQUARE

CONSTRUCTION DOCUMENTS FOR

BENFIELD ROAD AT RIDGE ROAD CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

APPROVED

APPROVED

APPROVED FOR CONSTRUCTION CHARLOTTE-MECKLENBURG PLANNING DEPARTMENT

By Joshua Weaver 9-18-2015 1of 4

AND GOVERNING AGENCIES NTACT LIST AND MATRIX:

WATER COMPANY

CHARLOTTE-MECKLENBURG UTILITIES DEPT. 5100 BROOKSHIRE BOULEVARD CHARLOTTE, NC 28216 (704) 399-2221

SANITARY SEWER COMPANY

CHARLOTTE-MECKLENBURG UTILITIES DEPT. 5100 BROOKSHIRE BOULEVARD CHARLOTTE, NC 28216 (704) 399-2221

NATURAL GAS COMPANY

PIEDMONT NATURAL GAS 4339 SOUTH TRYON STREET CHARLOTTE, NC 28217 (704) 587-3160 TEL (704) 529-1247 FAX

FIRE MARSHAL

MECKLENBURG COUNTY/CITY FIRE 700 N. TRYON STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 336-3814 TEL

EROSION CONTROL

CITY OF CHARLOTTE ENGINEERING AND PROPERTY MANAGEMENT 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 517-7570 TEL

ENGINEERING DEPARTMENT

CITY OF CHARLOTTE ENGINEERING & PROPERTY MANAGEMENT 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 432-0406 TEL

POWER COMPANY

DUKE POWER 526 SOUTH CHURCH STREET CHARLOTTE, NC 28202 (800) 777-9898

TELEPHONE COMPANY

BELL SOUTH SMALL BUSINESS (866) 620-6000 EXT. 11067

CABLE TELEVISION COMPANY

TIME WARNER CABLE (704) 378-2866 TEL

DEPARTMENT OF TRANSPORTATION

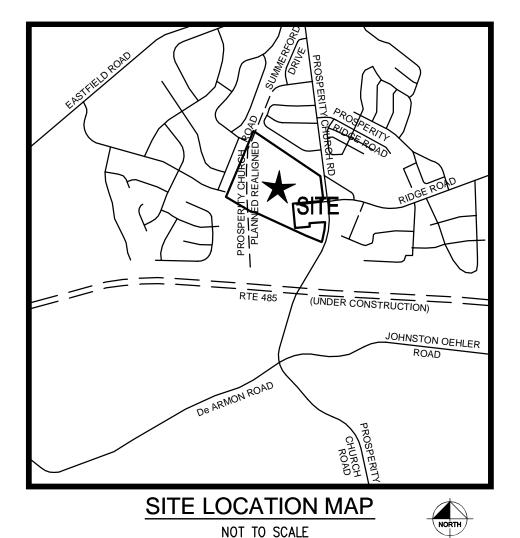
CHARLOTTE DEPARTMENT OF TRANSPORTATION 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 432-1563 TEL

PLANNING DEPARTMENT

CHARLOTTE MECKLENBURG PLANNING DEPARTMENT 600 E. 4TH STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 336-2205 TEL (704) 336-5123 FAX

ZONING DEPARTMENT

MECKLENBURG COUNTY ZONING DEPT 700 N. TRYON STREET CHARLOTTE, NORTH CAROLINA 28202 (704) 336-3569 TEL



Number UTILITY DETAILS PAVEMENT MARKING & SIGNING PLAN **COVER SHEET** UTILITY DETAILS PAVEMENT MARKING & SIGNING PLAN TECHNICAL DATA SHEET OVERALL LANDSCAPE PLAN PAVEMENT MARKING & SIGNING PLAN REZONING SITE PLAN REQUIRED LANDSCAPE PLAN PAVEMENT MARKING & SIGNING PLAN TITLE DEVELOPMENT STANDARDS C5 - 2LANDSCAPE PLAN PAVEMENT MARKING & SIGNING PLAN **EXISTING CONDITIONS SURVEY** LANDSCAPE PLAN CROSS SECTIONS -Y1-**EXISTING CONDITIONS SURVEY** C5 - 4LANDSCAPE PLAN CROSS SECTIONS -Y1-**EXISTING CONDITIONS SURVEY** LANDSCAPE PLAN CROSS SECTIONS -Y1-**GENERAL NOTES** WET POND 1 PLANTING PLAN CROSS SECTIONS -Y1-**DEMOLITION PLAN** WET POND 2 PLANTING PLAN CROSS SECTIONS -Y1-AERIAL PHOTOGRAPH PLAN CROSS SECTIONS -Y1-WET POND 3 PLANTING PLAN TEMPORARY SITE ACCESS AND STAGING PLAN TREE PROTECTION PLAN CROSS SECTIONS -Y1-OVERALL EROSION CONTROL PLAN PHASE CROSS SECTIONS -Y2-PLANT SCHEDULE **EROSION CONTROL PLAN PHASE 1** CROSS SECTIONS -Y3-LANDSCAPE DETAILS **EROSION CONTROL PLAN PHASE 1** STORM DRAINAGE AREA MAP CROSS SECTIONS -Y3-**EROSION CONTROL PLAN PHASE 1** STORM DRAINAGE AREA MAP CROSS SECTIONS -Y3-**EROSION CONTROL PLAN PHASE 1** STORM DRAINAGE AREA MAP CROSS SECTIONS -Y3-OVERALL EROSION CONTROL PLAN PHASE 2 STORM DRAINAGE AREA MAP CROSS SECTIONS -Y4-EROSION CONTROL PLAN PHASE 2 ROADWAY GENERAL NOTES CROSS SECTIONS -Y4-EROSION CONTROL PLAN PHASE 2 PED ISLAND DETAILS CROSS SECTIONS -Y4-**EROSION CONTROL PLAN PHASE 2** CROSS SECTIONS -Y5-TYPICAL SECTIONS EROSION CONTROL PLAN PHASE 2 TYPICAL SECTIONS CROSS SECTIONS -Y5-OVERALL EROSION CONTROL PLAN PHASE CROSS SECTIONS -Y5-TYPICAL SECTIONS **EROSION CONTROL DETAILS** TYPICAL SECTIONS CROSS SECTIONS -Y5-**OVERALL SITE PLAN** CROSS SECTIONS -Y6-CROSS SECTIONS -Y9-ROADWAY PLAN RIDGE ROAD C2-2 CROSS SECTIONS -Y9-ROADWAY PLAN RIDGE ROAD TRUCK TURNING AND ROUTE PLAN ROADWAY PLAN RIDGE ROAD SIGHT DISTANCE PROFILES PUBLIX ACCESSIBILITY PLAN ROADWAY PLAN ROADS B,C,D SIGHT DISTANCE PROFILES SITE DETAILS ROADWAY PLAN ROAD C, CARDINAL POINT SIGHT DISTANCE PROFILES PUBLIX SITE DETAILS SIGHT DISTANCE PROFILES ROADWAY PLAN CARDINAL POINT RD EXT OVERALL GRADING AND DRAINAGE PLAN ROADWAY PLAN HIGHLAND SHOPPES DR SIGHT DISTANCE PROFILES GRADING AND DRAINAGE PLAN SIGHT DISTANCE PROFILES PROFILE SHEETS GRADING AND DRAINAGE PLAN SIGHT DISTANCE PROFILES PROFILE SHEETS **GRADING AND DRAINAGE PLAN** SIGHT DISTANCE PROFILES PROFILE SHEETS GRADING AND DRAINAGE PLAN SIGHT DISTANCE PROFILES PROFILE SHEETS STORM DRAINAGE TABLES PROFILE SHEETS SIGHT DISTANCE PROFILES STORM DRAINAGE TABLES PROFILE SHEETS SIGHT DISTANCE PROFILES STORM DRAINAGE TABLES TRAFFIC CONTROL NOTES SIGHT DISTANCE PROFILES STORM DRAINAGE AND WET POND DETAILS TRAFFIC CONTROL PLAN PHASE 1 SIGHT DISTANCE PROFILES WET POND DETAILS TRAFFIC CONTROL PLAN PHASE 1 SIGHT DISTANCE PROFILES STORM DRAINAGE DETAILS TRAFFIC CONTROL PLAN PHASE 2 TURNING MOVEMENTS **OVERALL UTILITY PLAN** TRAFFIC CONTROL PLAN PHASE 3A TURNING MOVEMENTS **UTILITY PLAN** TURNING MOVEMENTS TRAFFIC CONTROL PLAN PHASE 3B UTILITY PLAN PAVEMENT MARKING & SIGNING PLAN R7-3 TURNING MOVEMENTS UTILITY PLAN

SEWER PROFILES

PAVEMENT MARKING & SIGNING PLAN

ATTACHMENT 1 - PROSPERITY VILLAGE BRICE KNOLL LANE STREETSCAPE PLANS BY DRG

ATTACHMENT 2 - CHARLOTTE WATER PLANS BY KIMLEY-HORN

Sheet Title

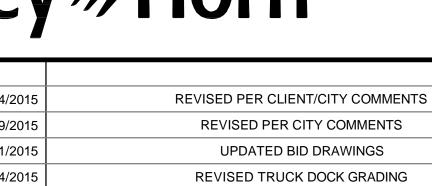
ATTACHMENT 3 - IRRIGATION PLANS BY IRRIGATION INNOVATIONS

034426

" CNCINEES

PREPARED BY:

Kimley» Horn



F	09/04/2015	REVISED PER CLIEN	T/CITY COMMENTS	ALL
Е	07/29/2015	REVISED PER C	TY COMMENTS	ALL
D	07/21/2015	UPDATED BID	D DRAWINGS	C2-0, C2-1, C2-4
С	07/14/2015	REVISED TRUCK	DOCK GRADING	C3-1, C3-5
В	06/19/2015	REVISED PER CITY AND AGI	ENCY REVIEW COMMENTS	ALL
А	04/07/2015	REVISED PER AGENCY	REVIEW COMMENTS	ALL
REV.	DATE	REVIS	PAGES	
DATE 12/15/2014		FILE NUMBER 018667000	SHEET NUMBER C0-0	TOTAL SHEETS 137

NOTE TO CONTRACTOR - CITY ROADWAYS

CONSTRUCTION OF BENFIELD ROAD AND RIDGE ROAD WILL BE ONGOING BY OTHERS THROUGHOUT THE COURSE OF CONSTRUCTION. CONTRACTOR SHALL FULLY ACCOUNT FOR NECESSARY COORDINATION AND COLLABORATION WITH CITY CONTRACTOR. ALL COST ASSOCIATED WITH THIS PROCESS SHALL BE ACCOUNTED FOR AND INCLUDED IN BASE BID.

PROJECT OWNER AND CONSULTANT INFORMATION

OWNER:

HALVORSEN DEVELOPMENT CORPORATION 1877 S. FEDERAL HIGHWAY SUITE 200

BOCA RATON FLORIDA 33432 (561) 367-9200 TEL (561) 367-9887 FAX

CONTACT: TOM VINCENT

ENGINEER:

(704) 333-5131

CONTACT: ERIC C. HAMPTON, P.E.

SUITE 200

KIMLEY-HORN AND ASSOCIATES, INC. 200 SOUTH TRYON STREET CHARLOTTE, NORTH CAROLINA 28202

ARCHITECTURE / PLANNING 33 S.E. 4TH STREET BOCA RATON, FLORIDA 33432 750-4111 TEL 750-5298 FAX

CONTACT: BOB WEBER

ARCHITECT:

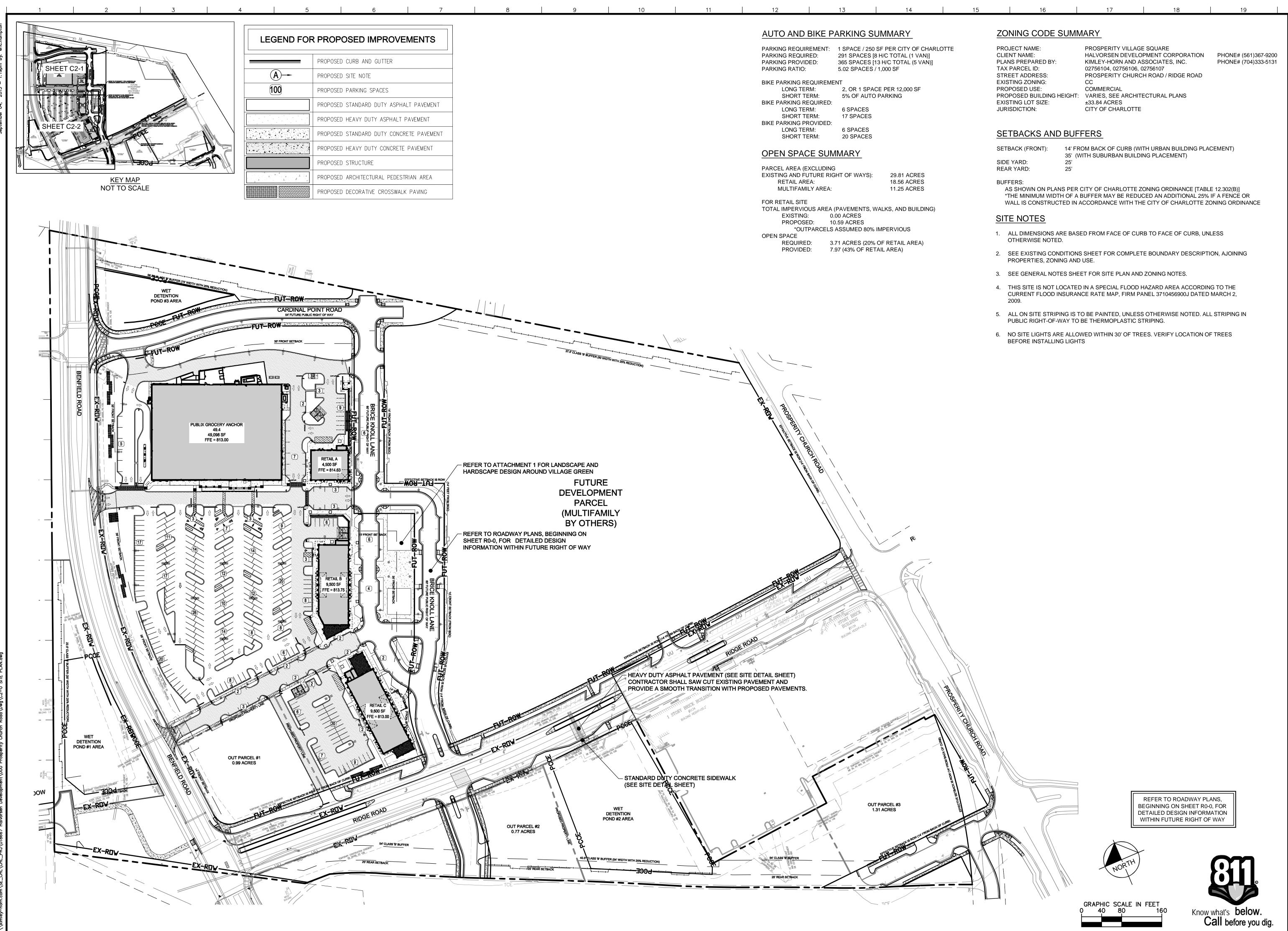
MARC WIENER, A.I.A

JAMES MAUNEY & ASSOCIATES, P.A. PROFESSIONAL LAND SURVEYORS 6405 WILKINSON BLVD. BELMONT, NORTH CAROLINA, 28012 (704) 829-9623 TEL (704) 829-9625 FAX

CONTACT: JAMES CAMERON

SURVEYOR:

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

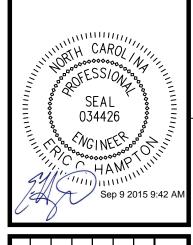


THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

Kimley»Horn

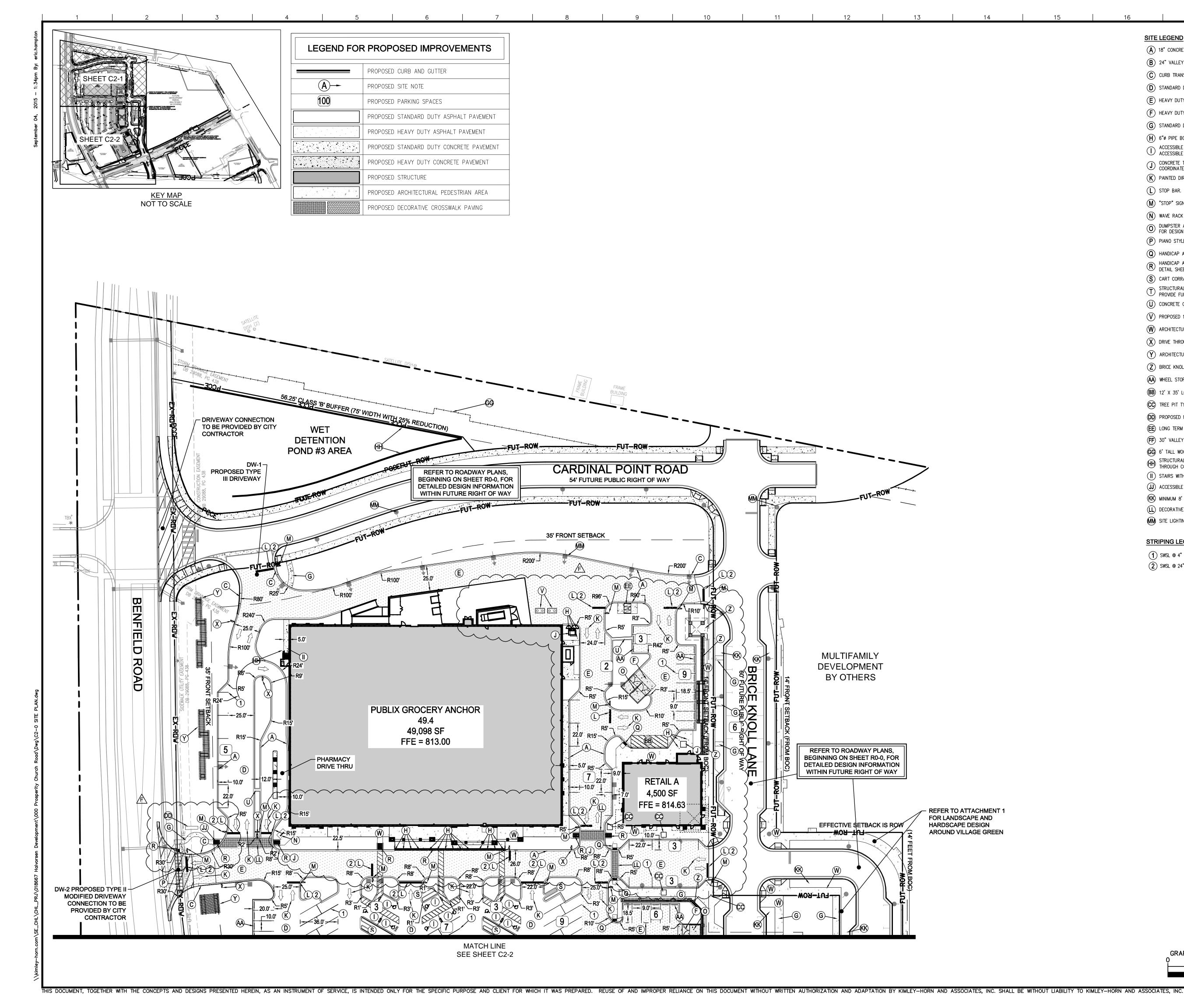
NC License #F-0102 200 SOUTH TRYON ST. SUITE 200 CHARLOTTE, NORTH CAROLINA 28202

PHONE: (704) 333-5131



ட	09/04/15	REVISED PER CLIENT/CITY COMMENTS
Ш	E 07/21/15	REVISED PER CITY COMMENTS
D	07/21/15	UPDATED BID DRAWINGS
C	C 07/14/15	REVISED TRUCK DOCK GRADING
В	06/19/15	06/19/15 REVISED PER CLIENT & AGENCY REVIEW COMMENTS
Α	04/02/15	REVISED PER AGENCY REVIEW COMMENTS
NO.	NO. DATE	REVISIONS

CHECKED BY: ECH 12/15/2014 PROJECT#: 018667000

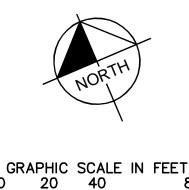


SITE LEGEND

- (A) 18" CONCRETE CURB AND GUTTER TYPICAL (SEE SITE DETAIL SHEET)
 - (B) 24" VALLEY CURB TYPICAL (SEE SITE DETAIL SHEET)
- C CURB TRANSITION (SEE SITE DETAIL SHEET FOR DETAILS)
- (D) STANDARD DUTY ASPHALT PAVEMENT (SEE SITE DETAIL SHEET)
- (E) HEAVY DUTY ASPHALT PAVEMENT (SEE SITE DETAIL SHEET)
- (F) HEAVY DUTY CONCRETE PAVEMENT (SEE SITE DETAIL SHEET)
- (G) STANDARD DUTY CONCRETE SIDEWALK (SEE SITE DETAIL SHEET)
- (H) 6" PIPE BOLLARD (SEE PUBLIX SITE DETAIL SHEET AND SITE DETAIL SHEET)
- ACCESSIBLE PARKING SPACE TYPICAL SEE SITE DETAIL SHEET AND PUBLIX SITE DETAIL SHEET FOR ACCESSIBLE PARKING SPACE SIZE AND SIGN ("VAN"-INDICATES VAN ACCESSIBLE SPACE)
- ONCRETE TRANSFORMER PAD WITH CONCRETE FILLED PIPE BOLLARDS. CONTRACTOR TO COORDINATE WITH LOCAL POWER COMPANY FOR DETAILS.
- (K) PAINTED DIRECTIONAL ARROW, TYPICAL (SEE SITE DETAIL SHEET)
- (L) STOP BAR. (SEE SITE DETAIL SHEET)
- (M) "STOP" SIGN. (SEE SITE DETAIL SHEET)
- (N) WAVE RACK FOR BICYCLE PARKING (SEE SITE DETAIL SHEET)
- O DUMPSTER AND RECYCLE AREA WITHIN SCREENED ENCLOSURE. REFER TO ARCHITECTURAL PLAN FOR DESIGN INFORMATION.
- (P) PIANO STYLE CROSSWALK (SEE SITE DETAIL SHEET)
- (Q) HANDICAP ACCESSIBLE RAMP (SEE SITE DETAIL SHEET)
- R HANDICAP ACCESSIBLE RAMP WITH EXPOSED AGGREGATE DETECTABLE WARNING (SEE PUBLIX SITE DETAIL SHEET)
- (S) CART CORRAL (SEE PUBLIX SITE DETAIL SHEET)
- STRUCTURAL RETAINING WALL WITH GUARDRAIL AND PEDESTRIAN HANDRAIL (CONTRACTOR TO PROVIDE FULL ENGINEERED DESIGN PLANS AND SHALL PERMIT THROUGH COUNTY)
- (U) CONCRETE CURB FLUME (SEE SITE DETAIL SHEET)
- (V) PROPOSED 1,500 GALLON GREASE TRAP (SEE MEP PLANS FOR DESIGN INFORMATION)
- (W) ARCHITECTURAL PEDESTRIAN AREA (SEE ARCHITECTURAL PLANS FOR DETAILS)
- (X) DRIVE THROUGH SIGN (SEE PUBLIX DETAIL SHEET)
- (Y) architectural trellis (see architectural plans for details)
- (Z) BRICE KNOLL LANE EDGE TREATMENT (SEE ARCHITECTURAL PLANS FOR DETAILS)
- (AA) WHEEL STOP TYPICAL (SEE SITE DETAIL SHEET)
- (BB) 12' X 35' LOADING ZONE
- (CC) TREE PIT TYPICAL (SEE LANDSCAPE DETAIL SHEET)
- (DD) PROPOSED MONUMENT SIGN (SEE ARCHITECTURAL PLANS FOR DETAILS)
- (EE) LONG TERM BIKE PARKING (SEE SITE DETAIL SHEET)
- (SEE SITE DETAIL SHEET)
- GG 6' TALL WOODEN SHADOWBOX FENCE (SEE LANDSCAPE PLAN AND LANDSCAPE DETAIL SHEET) STRUCTURAL RETAINING WALL (CONTRACTOR TO PROVIDE FULL ENGINEERED PLANS AND PERMIT THROUGH COUNTY)
- (II) STAIRS WITH HANDRAIL, 6" RISERS.
- (JJ) ACCESSIBLE RAMP WITH HANDRAIL
- (KK) MINIMUM 8' WIDE PLANTING STRIP
- (LL) DECORATIVE CROSSWALK PAVING (SEE ATTACHMENT 1 FOR DETAILS)
- MM SITE LIGHTING POLE / FIXTURE TYPICAL (SEE LIGHTING PLANS FOR DETAILS)

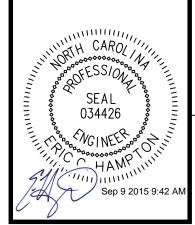
STRIPING LEGEND

- 1 SWSL @ 4" SINGLE WHITE SOLID LINE/4" WIDE
- 2) SWSL @ 24" SINGLE WHITE SOLID LINE/24" WIDE



Know what's **below. Call before you dig.**

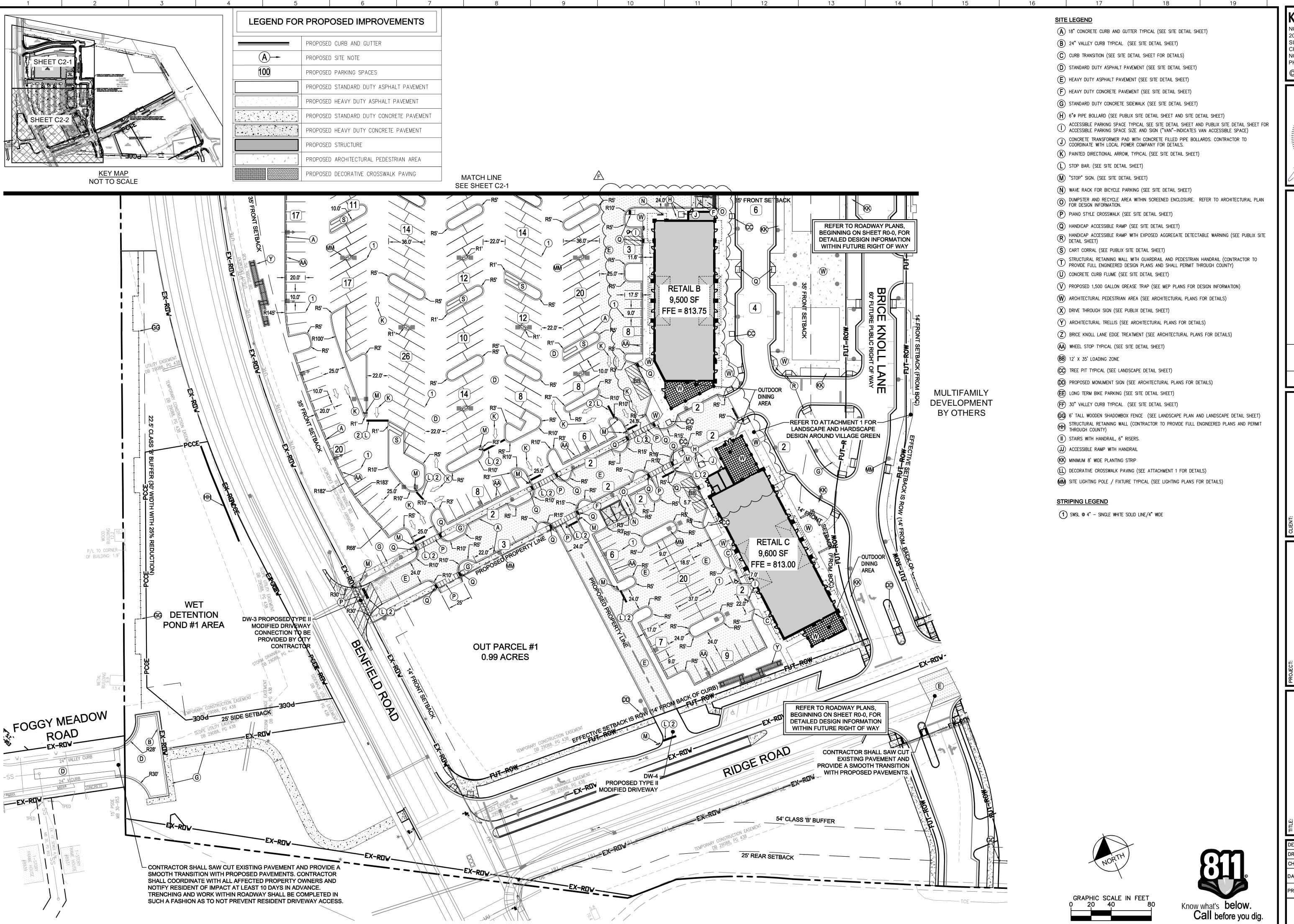
|Kimley»Horn NC License #F-0102 200 SOUTH TRYON ST. SUITE 200 CHARLOTTE, NORTH CAROLINA 28202 PHONE: (704) 333-5131 © 2015



6	γ `					
REVISED PER CLIENT/CITY COMMENTS	REVISED PER CITY COMMENTS	UPDATED BID DRAWINGS	REVISED TRUCK DOCK GRADING	06/19/15 REVISED PER CLIENT & AGENCY REVIEW COMMENTS	REVISED PER AGENCY REVIEW COMMENTS	REVISIONS
F 09/04/15	07/21/15	07/21/15	C 07/14/15	06/19/15	A 04/07/15	NO. DATE
Н	Ш	D	C	В	Α	NO.
TENT						
I	į					

DRAWN BY:

CHECKED BY: 12/15/2014 PROJECT#: 018667000

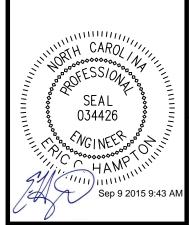


THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

Kimley»Horn

NC License #F-0102 200 SOUTH TRYON ST. SUITE 200 CHARLOTTE,

NORTH CAROLINA 28202 PHONE: (704) 333-5131



Щ	F 09/04/15	REVISED PER CLIENT/CITY COMMENTS
В	E 07/21/15	REVISED PER CITY COMMENTS
Ω	D 07/21/15	UPDATED BID DRAWINGS
ပ	C 07/14/15	REVISED TRUCK DOCK GRADING
В	06/19/15	06/19/15 REVISED PER CLIENT & AGENCY REVIEW COMMENTS
۷	04/07/15	REVISED PER AGENCY REVIEW COMMENTS
NO.	NO. DATE	REVISIONS

DESIGNED	3Y:	LRB	М
DRAWN BY:		KMG	
CHECKED E	BY:	ECH	
DATE:	12/15	/2014	
PROJECT#:	01866	67000	