5- THERE SHALL BE NO MULCH OR STONE WITHIN 3"-4" OF THE TREE TRUNK.

TREE TRENCH SECTION BETWEEN CURB AND SIDEWALK

TREE GRATE AND TRENCH DETAIL

SCALE: 1/2" = 1'

TREE GRATE IN SIDEWALK SECTION



PROJECT: 19020 ISSUE: ISSUE TRC SUBMITTAL TRC RESUBMITTAL 01.20.2020 TRC RESUBMITTAL 03.06.2020 TRC RESUBMITTAL 04.09.2020 TRC RESUBMITTAL 05.05.2020 TRC RESUBMITTAL 08.03.2020 TRC - PARK COORD. 09.25.2020

₩ REVISIONS: / DRAWN BY: MA ○ CHECKED BY: | JP CONTENT: CODE REQUIRED LANDSCAPE PLAN

NAD 83 F & NAVD 88 F

SCALE: 1" = 20'

SEE LA4.01 FOR LANDSCAPE TECHNICAL SPECIFICATIONS

SEE LA4.02 FOR LANDSCAPE DETAILS, PLANT LISTS AND

MATERIALS SPECIFICATIONS. (SEE LA4.04 FOR PLANT LIST.)

APPROVED PROPOSED PROPERTY LINE **EXISTING** CONSTRUCTION PLAN PROPERTY LINE Jeff Walton April 30, 2021 City SW# 2021021 JW, BM, CW, ES, MB NOTE: TRANSFORMER LOCATION DEPENDENT ON CITY COUNCIL APPROVAL RELATED TO PROPOSED PROPERTY REALLOCATION / ACQUISITION BETWEEN T KETTLER PROPERTY AND NORTH WATERFRONT PARK. APPROVED IF REALLOCATION / ACQUISITION IF NOT APPROVED, TRANSFORMER PAD, By waltonj at 2:53 pm, Apr 30, 2021 THE TRANSFORMER WILL LOCATED IN A BELOW GRADE DRAINAGE BED & CURB TO VAULT IN THE SAME LOCATION AS AN APPROVED TO BE LOCATED DIRECTLY † METHOD OF LOCATING THE TRANSFORMER IN A R.O.W. ADJACENT TO SIDEWALK CONCRETE SIDEWALK, TIE INTO PUBLIC SIDEWALK, MATCHING ADA GRADE REQUIREMENTS DRIVEWAY RAMP, C.O.W. STANDARD - SIDEWALK AND RAMP COMPLETED BY LIGHT POLE OTHERS AS A PART OF LIGHT POLE PARK PROJECT



TRC RESUBMITTAL 01.20.2020 TRC RESUBMITTAL 03.06.2020 TRC RESUBMITTAL 04.09.2020 TRC RESUBMITTAL 05.05.2020 TRC RESUBMITTAL 08.03.2020

DRAWN BY: CHECKED BY:

CONTENT: OLD FRONT STREET

LAYOUT PLAN

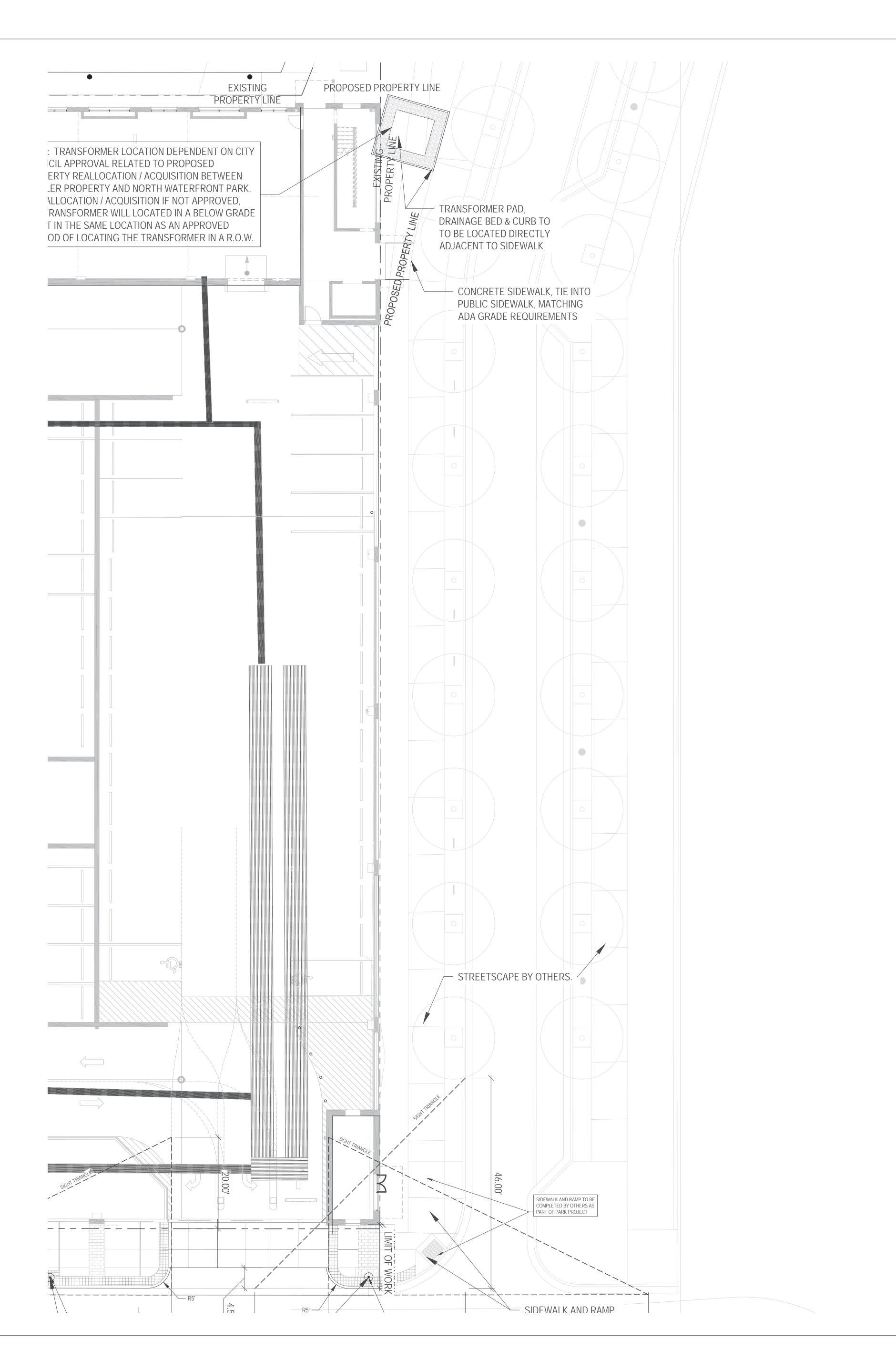
OLD FRONT STREET

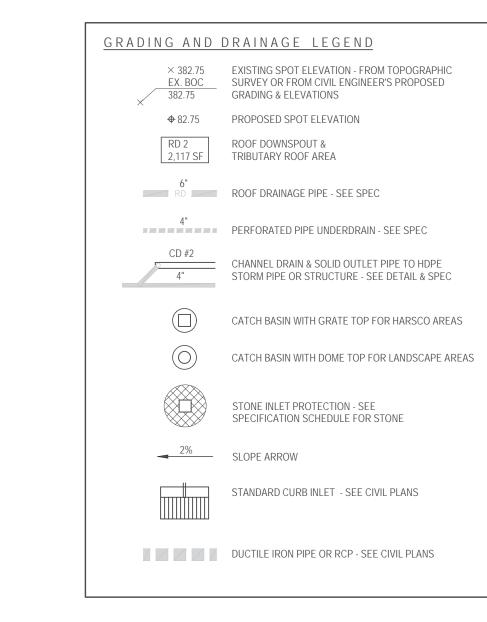
LAYOUT PLAN

NAD 83 F & NAVD 88 F

APPROVED CONSTRUCTION PLAN Jeff Walton April 30, 2021 City SW# 2021021 JW, BM, CW, ES, MB

APPROVED By waltonj at 2:53 pm, Apr 30, 2021





Kettler
Wilmington Riverfront Apts.
Harnett Street
Wilmington, NC 28041

PROJECT: 19020 TRC RESUBMITTAL 01.20.2020 TRC RESUBMITTAL 03.06.2020 TRC RESUBMITTAL 04.09.2020 TRC RESUBMITTAL 05.05.2020 TRC RESUBMITTAL 08.03.2020 TRC - PARKS COORD. 09.25.2020 TRC- Resubmittal REVISIONS: 1

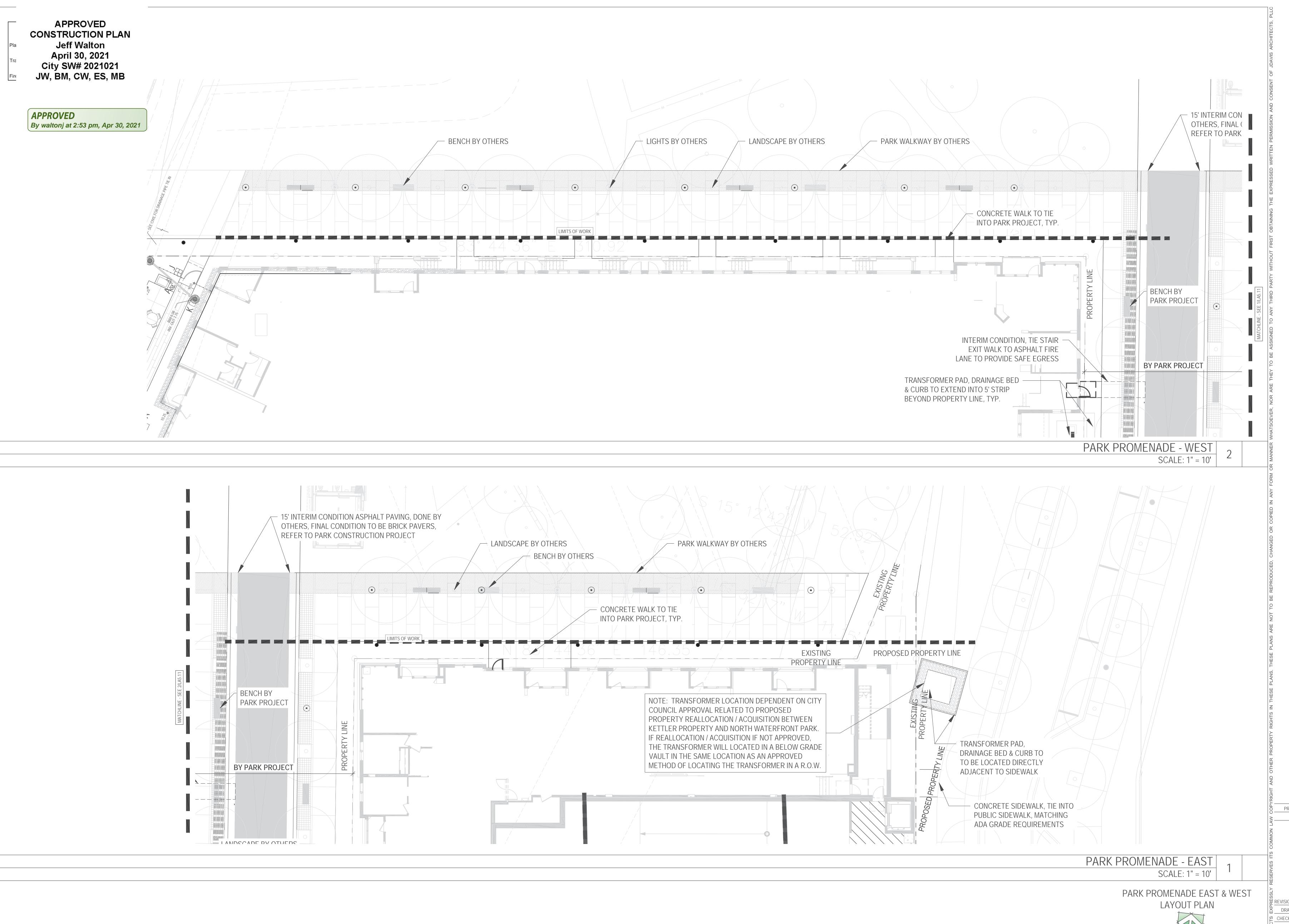
DRAWN BY: CHECKED BY:

OLD FRONT STREET

DIMENSIONS PLAN

NAD 83 F & NAVD 88 F

CONTENT: OLD FRONT STREET DIMENSIONS PLAN



510 South Wilmington St. | Raleigh, NC 27601 | tel 919.835.1500 1218 Chestnut Street, 7th Floor | Philadelphia, PA 19107 | tel 215.545.0121

Wilmington Riverfront Apt
Harnett Street

REVISIONS: ADD 01 - 1 OWNER R

DRAWN BY: MA

CHECKED BY: JP

CONTENT: PARK PROMENADE EAST & WEST
LAYOUT PLAN

LA5.11



AYOUT PLAN

APPROVED CONSTRUCTION PLAN Jeff Walton April 30, 2021

LIGHT POLE, TYP.

TREE WITH TREE GRATE, TYP.

HARNETT STREET

5 STREET TREES REQUIRED 3 STREET TREES PROVIDED LOSING TWO (2) STREET TREES,

VALLEY CURB AT LOADING ZONE

City SW# 2021021 JW, BM, CW, ES, MB PAYMENT IN LIEU

FULL BUILD OUT

- NEW SEWER EASEMENT -

RUMBLED STORMPAVE PERMEABLE

ENGLISH EDGE PAVERS:

FULL RANGE FINISH

TREE PLANTING TRENCH STRUCTURAL SOILS SEE LANDSCAPE SOILS DWGS

 PERMEABLE PAVING SEE CIVIL DWGS

PAVERS: IRON SPOT FINISH

PROPERTY LINE —

URETHANE BOUND CRUSHED

KEY PLAN

STONE: GRANITE COLOR

NUTT STREET PROMENADE - INTERIM & FULL BUILD CONDITIONS

LANDSCAPE AT

DEVELOPMENT

SIDEWALK AND RAMP TO BE COMPLETED BY OTHERS AS PART OF PARK PROJECT

HARNETT STREET

SCALE: 1" = 10'

HARNETT STREET

LAYOUT PLAN

NAD 83 F & NAVD 88 F

PROPERTY LINE

CONCRETE PAVING

LOCATION FOR WALL

LOADING ZONE.

MOUNTED SIZE DESIGNATING

SIGN TO READ: "TEMPORARY

LOADING AREA FOR WASTE

REMOVAL/MAINTENANCE

SIGN TO REFLECT C.O.W.

TRASH AND MAINTENANCE

LANDSCAPE AT

KETTLER

DEVELOPMENT

APPROVED By waltonj at 2:53 pm, Apr 30, 2021

INTERIM CONDITION

PEDESTRIAN POLE LIGHT

SEEDED MEADOW PLANTING AREA

BETWEEN LANE AND

FUTURE DEVELOPMENT

INTERIM CONDITION FIRE ACCESS LANE

PROPERTY LINE ----

ASPHALT PAVING

BRICK PAVERS ON CONCRETE BASE, SEE LA5.21 FOR REFERENCE DETAIL FROM PARKS PROJECT TO CONSTRUC

RIBBON CURB, MATCH TO

PARK PROJECT

REMOVABLE BOLLARDS, TYP.

SIGN "PEDESTRIAN TRAFFIC ONLY, ALL

LOADING AND UNLOADING BY PERMIT ONLY"

- 3:1 SEEDED MEADOW AT

C.O.WILMINGTON PARK PROJECT FIRE BACK FLOW PREVENTOR, - INSTALLED 9.18.2020

VERIFY FINAL LOCATION IN FIELD.

TO MATCH PARKS PROJECT FOR

COLOR, FINISH AND SCORING

PAVERS IN PULL OFF AREA,

RUNNING BOND PATTERN

PERMEABLE

SEE 2/LA5.21

RIBBON CURB

PERMEABLE CONCRETE PAVEMENT

MATCH TO PARK PROJECT FOR COLOR,

SEE PARKS PROJECT FOR DETAIL AND COLOR/FINISH

ADJACENT DEVELOPMENT

NOTE: FOR REFERENCE ONLY. SEE

PARK PLANS FOR FINAL DESIGN

- PROPERTY LINE

PERMEABLE CONCRETE PAVEMENT — TO MATCH PARKS PROJECT FOR COLOR, FINISH AND SCORING

PAVERS IN PULL OFF AREA,

RUNNING BOND PATTERN

PERMEABLE PAVERS AS ACCENT

BAND, MATCH TO PARK PROJECT

TREE BAND, SEE 2/LA5.21

EXISTING CONCRETE APRON TO REMAIN. MEE

AND MATCH ALL WALKS TO EXISTING GRADE

TO PARK PROJECT FOR COLOR,

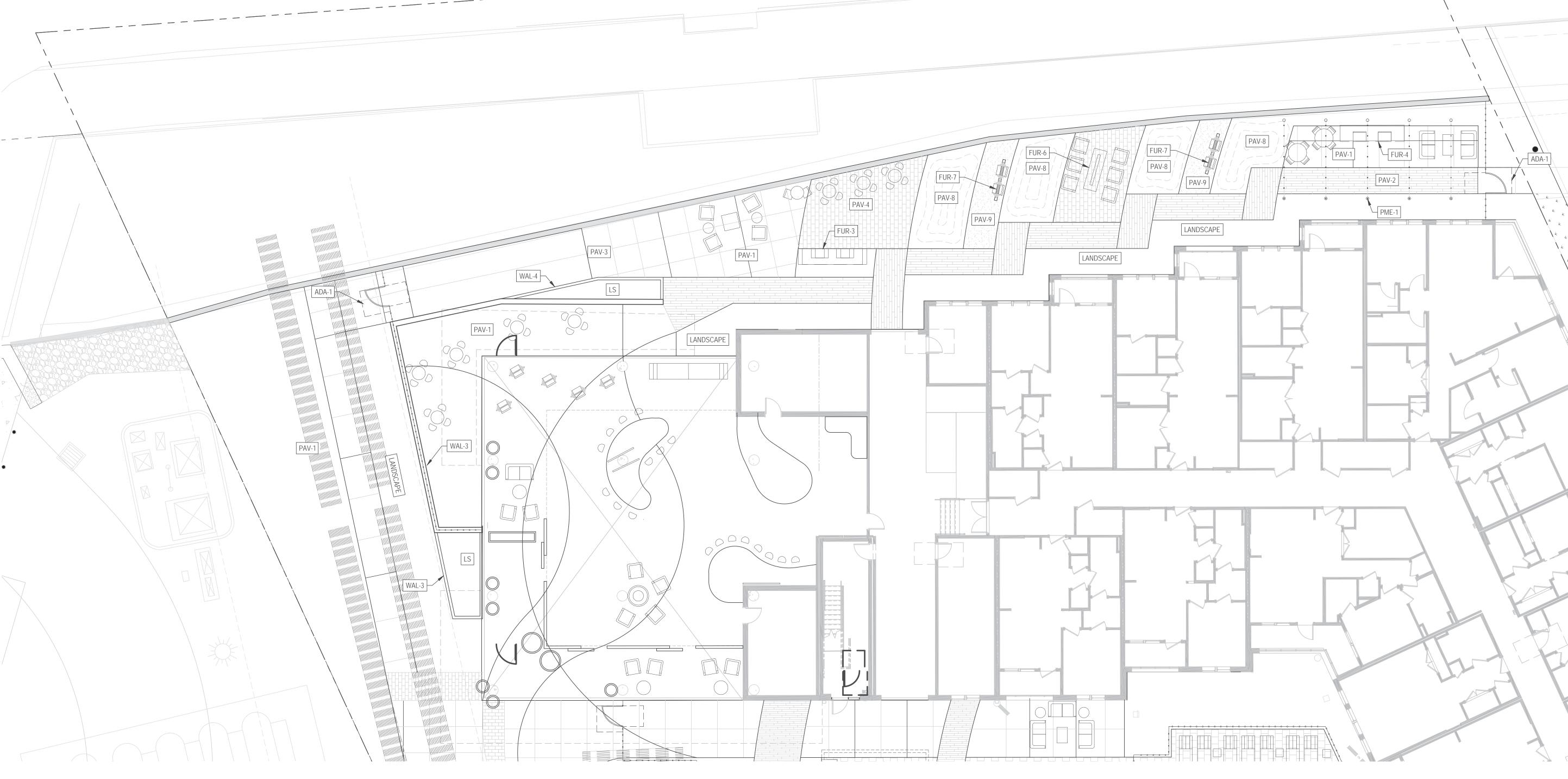
PERMEABLE -

SEE 2/LA5.21

APPROVED
CONSTRUCTION PLAN
Jeff Walton
April 30, 2021
Fire City SW# 2021021
JW, BM, CW, ES, MB

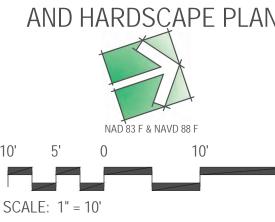
APPROVED

By waltonj at 2:53 pm, Apr 30, 2021



Mont- Caping	KEY	ITEM	DETAIL	REF
SMM-1 Sign Tile Band / Underwater Bench Tile Band	S W I			
Signature Sign	SWM-1			1
September Sept	SWM-2			1
SMM-S Steps & Handrail				
SWM-F Curbarwater Bench				1
March Onderwater Bench				1
WAM-9 Pool Markers - Depth & No Diving				1
SWM-10 MDA Compliant Lift		I.		
SWM-10 Life Saving Equipment	SWM-9	· -		1
P. A. V. E. M. E. N. T. S. & S. U. R. F. A. C. E. S. AV1 Standard Concrete Paverment X. / L. A. 3. OX		· ·		1
24.1.2 Concrete Paver Type A		1		<u></u>
2007-19 Concrete Paver Type B	PAV-1	Standard Concrete Pavement	X / LA3.0X	-
AND AND	PAV-2	Concrete Paver Type A	X / LA3.0X	-
Average	PAV-3		X / LA3.0X	-
Service Brick Paver Edging	PAV-4	1		-
	PAV-5			-
Average Decomposed Granie Surface	PAV-6			-
200.4-9 Decomposed Granite Surface				-
Avanorm Antique Anti				-
A Artificial Turf		· .		
Maneuvering Clearance - Gales and Doors		•		***************************************
ADA-1 Maneuvering Clearance - Gates and Doors - - - - - - - - -			177, 270,07	
Maneuvering Clearance - Pool Lift	A DA-1		-	-
STR U C T U R E S STR-1 Kitchen Shelter A	ADA-2	1	-	-
STR-1 Kitchen Shelter A	ADA-3	Ramp At Riverwalk Yards	-	-
STR-2 Kitchen Shelter B X / LA3.0X ST Tierd Wooden Bench	STR	UCTURES		å
### FIRST Tierd Wooden Bench ### FIRST Tierd Wooden Bench ### FIRST Pool Fence & Gate	STR-1	Kitchen Shelter A	X / LA3.0X	ST
FEN C E S & W A L L S Pool Fence & Gate	STR-2		X / LA3.0X	ST
Pool Fence & Gate	STR-7			
Courty and Fence & Gate				1
VAL-1 Curved Seat Wall X / LA3.0X				-
				-
NAL-3 Retaining Wall X / LA3.0X		1		
NAL-4 Planter Wall X / LA3.0X				ļ
PLUMBING, MECHANICAL & ELECTRICAL	WAL-4	-		-
MIS-2 In-Grade Up Lights - - - MIS-3 Bollard Light - - - MIS-5 Hanging Pendant Lighting - - MIS-6 USB Charging Station - - MIS-7 Pedestrian Light Pole - - MIS-8 LED Strip Light - - MIS-9 Wall Light - - MIS-9 Wall Light - - MIS-1 Bar / Grill Enclosure A UR-2 Grill Enclosure B UR-3 Grill Enclosure B UR-4 Grill Enclosure D UR-5 Rectangular Fire Table A UR-6 Rectangular Fire Table B UR-7 Swing Chairs UR-8 Round Planter UR-9 Pole For Festoon Lights UR-1 Catch Basin with Dome Top UR-1 Catch Basin with Dome Top UR-1 Catch Basin with Dome Top				
MIE-3 Bollard Light Soliard Light Soliard Light Soliard Light Soliard Light Soliard Lighting Soliard Lighting Soliard Lighting Soliard Lighting Soliard Lighting Soliard Light Solia	PME-1	,		-
MIE-4 Outdoor Ceiling Fan - - - MIE-5 Hanging Pendant Lighting - - MIE-6 USB Charging Station - - MIE-7 Pedestrian Light Pole - - MIE-8 LED Strip Light - - MIE-9 Wall Light - - MIE-9 Wall Light - - F U R N I S H I N G S FUR-1 Bar / Grill Enclosure A FUR-2 Grill Enclosure B FUR-3 Grill Enclosure C FUR-4 Grill Enclosure D FUR-5 Rectangular Fire Table A FUR-6 Rectangular Fire Table B FUR-7 Swing Chairs FUR-8 Round Planter FUR-9 Pole For Festoon Lights FUR-1 Catch Basin with Dome Top	PME-2	In-Grade Up Lights	-	-
######################################	PME-3	Bollard Light	-	-
#ME-6 USB Charging Station	PME-4	1	-	-
#ME-7 Pedestrian Light Pole - - -	PME-5			<u> </u>
ME-9 Wall Light	PME-6	1	-	-
Mail Light		-	-	-
F U R N I S H I N G S FUR-1 Bar / Grill Enclosure A			-	-
FUR-1 Bar / Grill Enclosure A X / LA3.0X ST FUR-2 Grill Enclosure B X / LA3.0X ST FUR-3 Grill Enclosure C X / LA3.0X ST FUR-4 Grill Enclosure D X / LA3.0X ST FUR-5 Rectangular Fire Table A X / LA3.0X - FUR-6 Rectangular Fire Table B X / LA3.0X - FUR-7 Swing Chairs X / LA3.0X - FUR-8 Round Planter X / LA3.0X - FUR-9 Pole For Festoon Lights X / LA3.0X - DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C				-
EUR-2 Grill Enclosure B X / LA3.0X ST EUR-3 Grill Enclosure C X / LA3.0X ST EUR-4 Grill Enclosure D X / LA3.0X ST EUR-5 Rectangular Fire Table A X / LA3.0X - EUR-6 Rectangular Fire Table B X / LA3.0X - EUR-7 Swing Chairs X / LA3.0X - EUR-8 Round Planter X / LA3.0X - EUR-9 Pole For Festoon Lights X / LA3.0X - DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-1		X/IA3NX	T?
FUR-3 Grill Enclosure C X / LA3.0X ST FUR-4 Grill Enclosure D X / LA3.0X ST FUR-5 Rectangular Fire Table A X / LA3.0X - FUR-6 Rectangular Fire Table B X / LA3.0X - FUR-7 Swing Chairs X / LA3.0X - FUR-8 Round Planter X / LA3.0X - FUR-9 Pole For Festoon Lights X / LA3.0X - DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-2			
FUR-4 Grill Enclosure D X / LA3.0X ST FUR-5 Rectangular Fire Table A X / LA3.0X - FUR-6 Rectangular Fire Table B X / LA3.0X - FUR-7 Swing Chairs X / LA3.0X - FUR-8 Round Planter X / LA3.0X - FUR-9 Pole For Festoon Lights X / LA3.0X - DRA I N A G E DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-3	I		
EUR-5 Rectangular Fire Table A X / LA3.0X - EUR-6 Rectangular Fire Table B X / LA3.0X - EUR-7 Swing Chairs X / LA3.0X - EUR-8 Round Planter X / LA3.0X - EUR-9 Pole For Festoon Lights X / LA3.0X - DRA I N A G E DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-4			<u></u>
FUR-6 Rectangular Fire Table B X / LA3.0X - FUR-7 Swing Chairs X / LA3.0X - FUR-8 Round Planter X / LA3.0X - FUR-9 Pole For Festoon Lights X / LA3.0X - DRA I N A G E DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-5	I		-
FUR-8 Round Planter X / LA3.0X - FUR-9 Pole For Festoon Lights X / LA3.0X - DRA INAGE X / LA3.0X C DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-6		X / LA3.0X	-
FUR-9 Pole For Festoon Lights X / LA3.0X -	FUR-7	Swing Chairs	X / LA3.0X	-
D R A I N A G E DRA-1 Catch Basin with Dome Top X / LA3.0X C DRA-2 Catch Basin with Grate Top X / LA3.0X C DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-8		X / LA3.0X	-
DRA-1 C atch Basin with Dome Top X / LA3.0X C DRA-2 C atch Basin with Grate Top X / LA3.0X C DRA-3 C hannel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	FUR-9		X / LA3.0X	_
DRA-2 C atch Basin with Grate Top X / LA3.0X C DRA-3 C hannel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C				
DRA-3 Channel Drain X / LA3.0X C DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	DRA-1			
DRA-4 Landscape Underdrain X / LA3.0X C DRA-5 Drop Inlet X / LA3.0X C	DRA-2	1		1
DRA-5 Drop Inlet X / LA3.0X C				ļ
	DRA-4		1	
lote: All annotations are "typical" unless otherwise noted.	DRA-5		X / LA3.0X	C

WATERFRONT YARD MATERIALS
AND HARDSCAPE PLAN



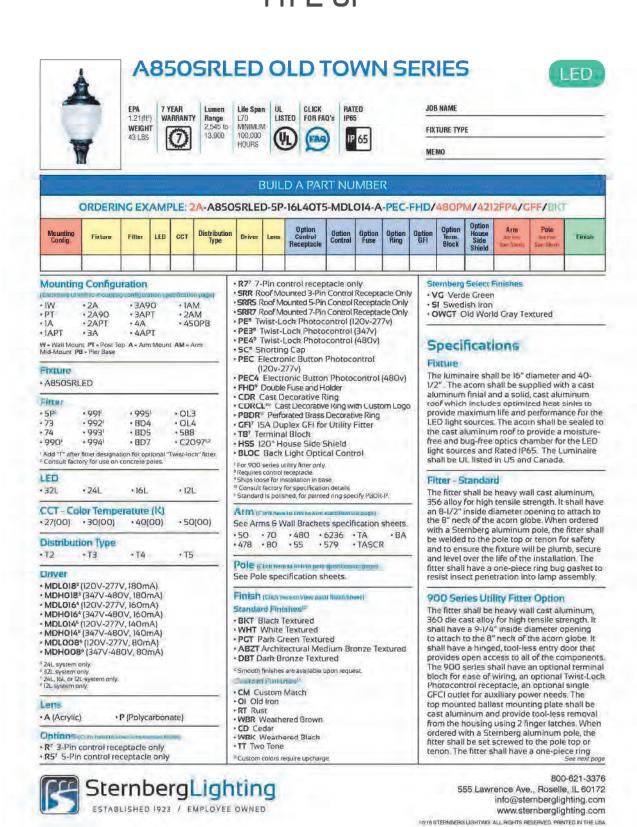
Kettler
Wilmington Riverfront A
Harnett Street
Wilmington, NC 28041

COPYRIGHT				
(90)	PROJ	ECT:	19020	
	IS:	SUE:	SCHEMATIC DESIGN	09.13.2019
COMMON LAW			50% DD	11.19.2019
NON			70% DD	12.20.2019
OMI			TRC RESUBMITTAL	01.20.2020
			TRC RESUBMITTAL	03.06.2020
	REVISIONS	S:	TRC RESUBMITTAL	04.09.2020
RESERVES			TRC RESUBMITTAL	05.05.2020
SEF			TRC RESUBMITTAL	08.03.2020
			TRC - PARKS COORD.	09.25.2020
RESSLY			TRC- Resubmittal	10.19.2020
RES				
10				

DRAWN BY: MA
CHECKED BY:

CHECKED BY: CONTENT: WATERFRONT YARD
MATERIALS AND HARDSCAPE PLAN

A2.11



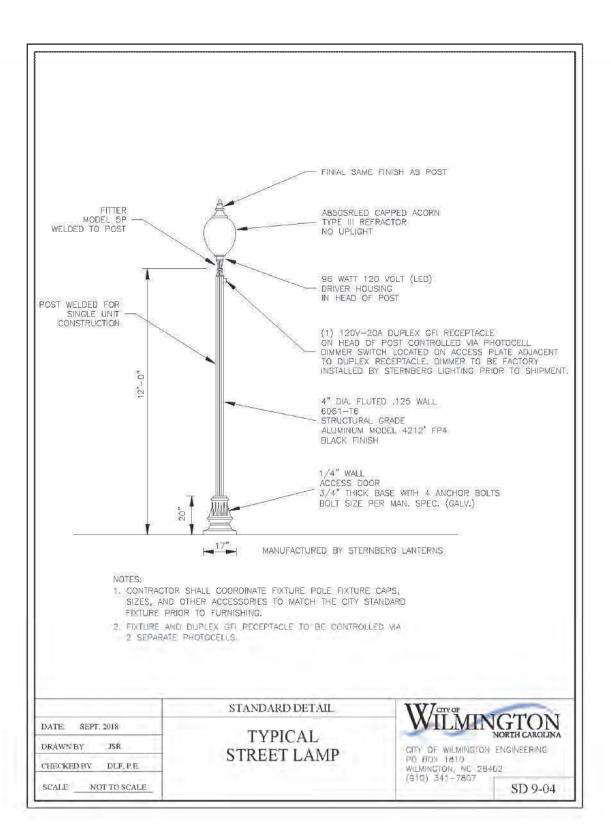




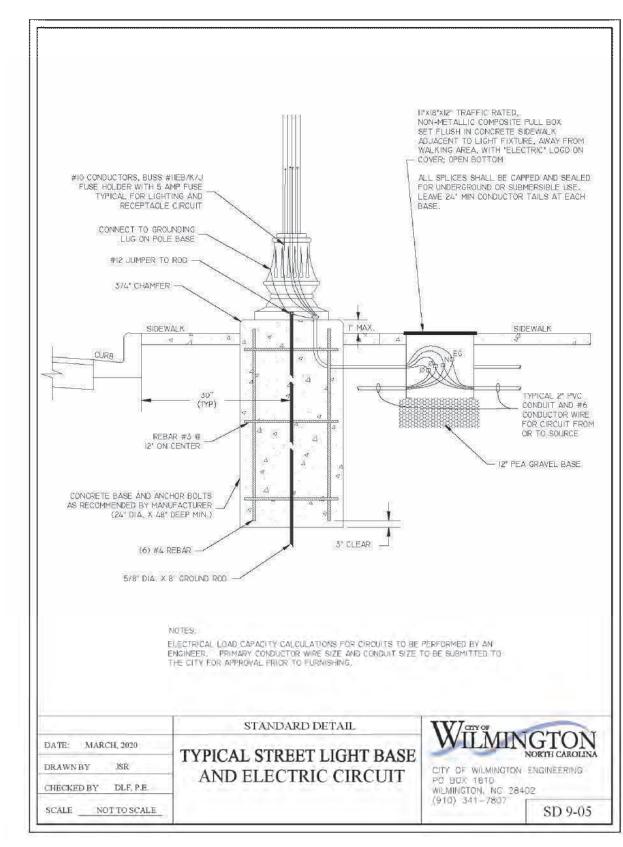
Symbol	Label	Quantity	Mounting Height	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Wattage
	XW	4	10 FEET (20 FEET AT PEDESTRIAN BRIDGE)	Lithonia Lighting	WST LED P1 30K VF MVOLT	WST LED, Performance package 1, 3000 K, visual comfort forward throw, MVOLT	LED	1	14
	S1	7	12 FEET	Sternberg Lighting	A850SRLED- 24L40T4-MDL018	A850SRLED OLD TOWN SERIES ACORN, Luxeon 50- -50 LED	LED	1	120

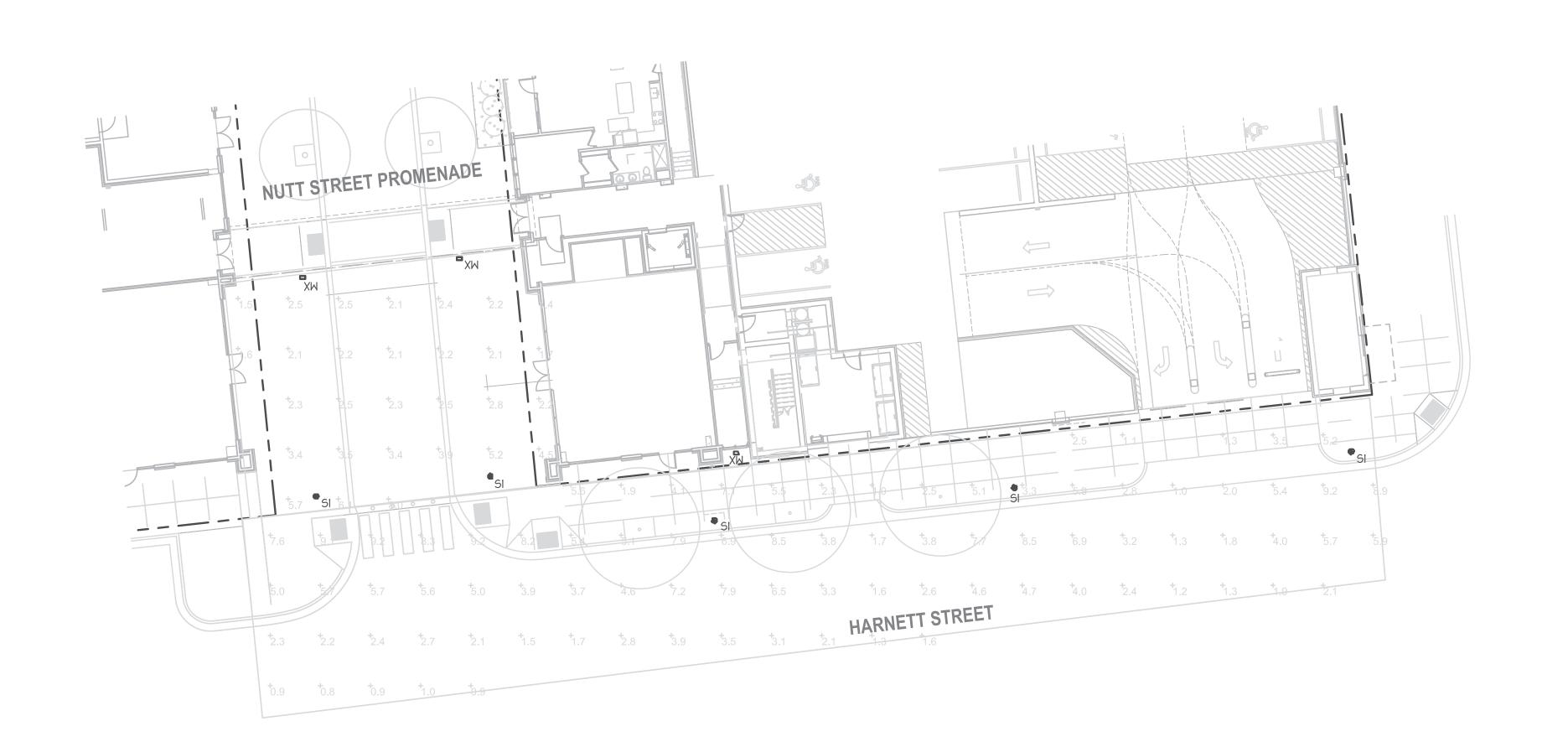
Statistics									
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Mi			
Harnett Street	+	4.1 fc	9.2 fc	0.8 fc	11.5:1	5.1:1			
Promenade	+	3.1 fc	9.4 fc	0.9 fc	10.4:1	3.4:1			

TYPE S1 - FIXTURE DETAIL BY OTHERS



TYPE S1 - BASE DETAIL BY OTHERS

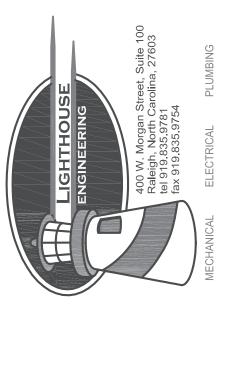




1 SITE LIGHTING PLAN
1/16"=1'-0"

APPROVED
CONSTRUCTION PLAN
Jeff Walton
April 30, 2021
City SW# 2021021
JW, BM, CW, ES, MB

510 Glenwood Ave. Suite 201 | Raleigh, NC 27603 | tel 919.835.1



Kettler

Ket

REVISION:

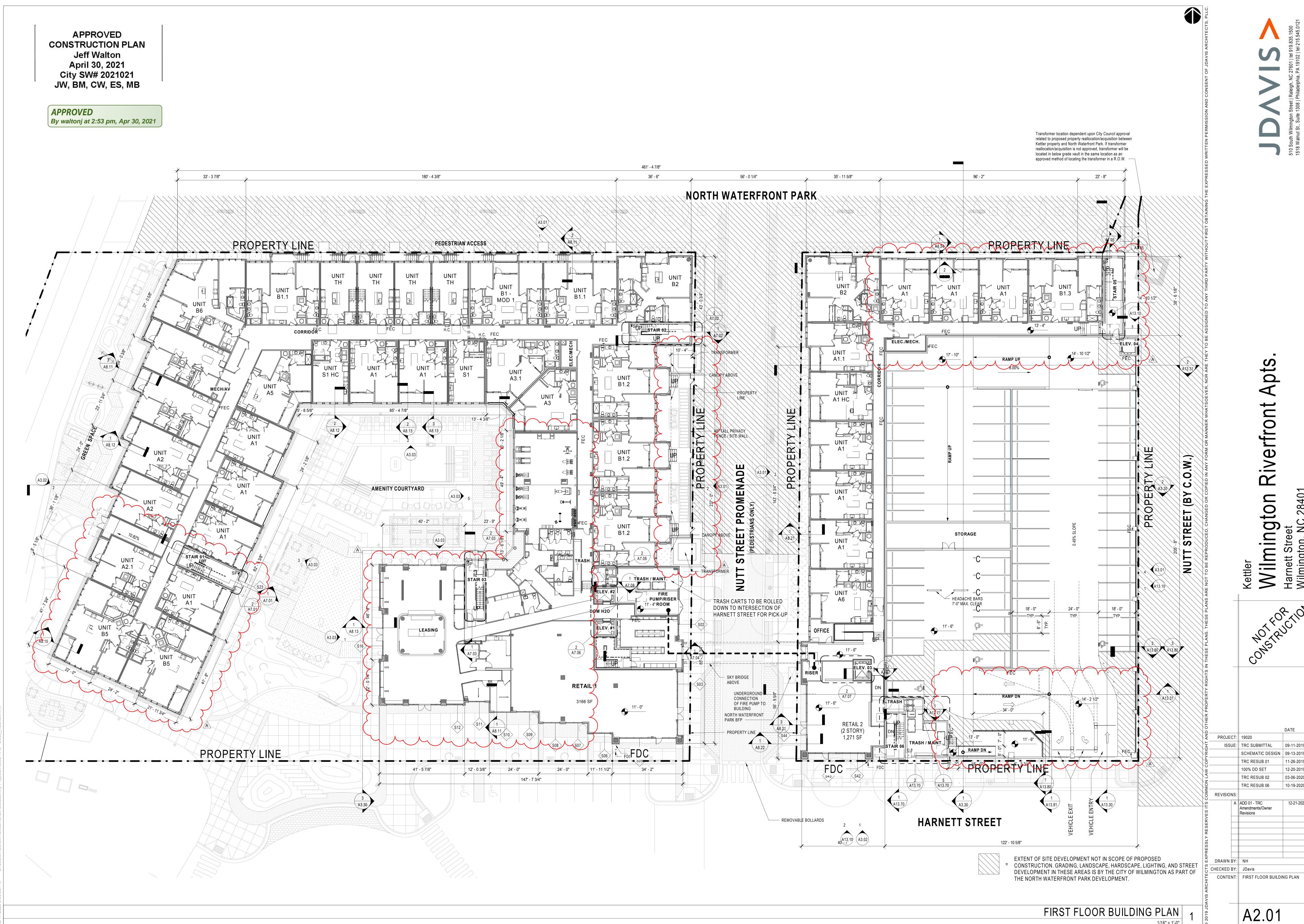
DRAWN BY: JLH

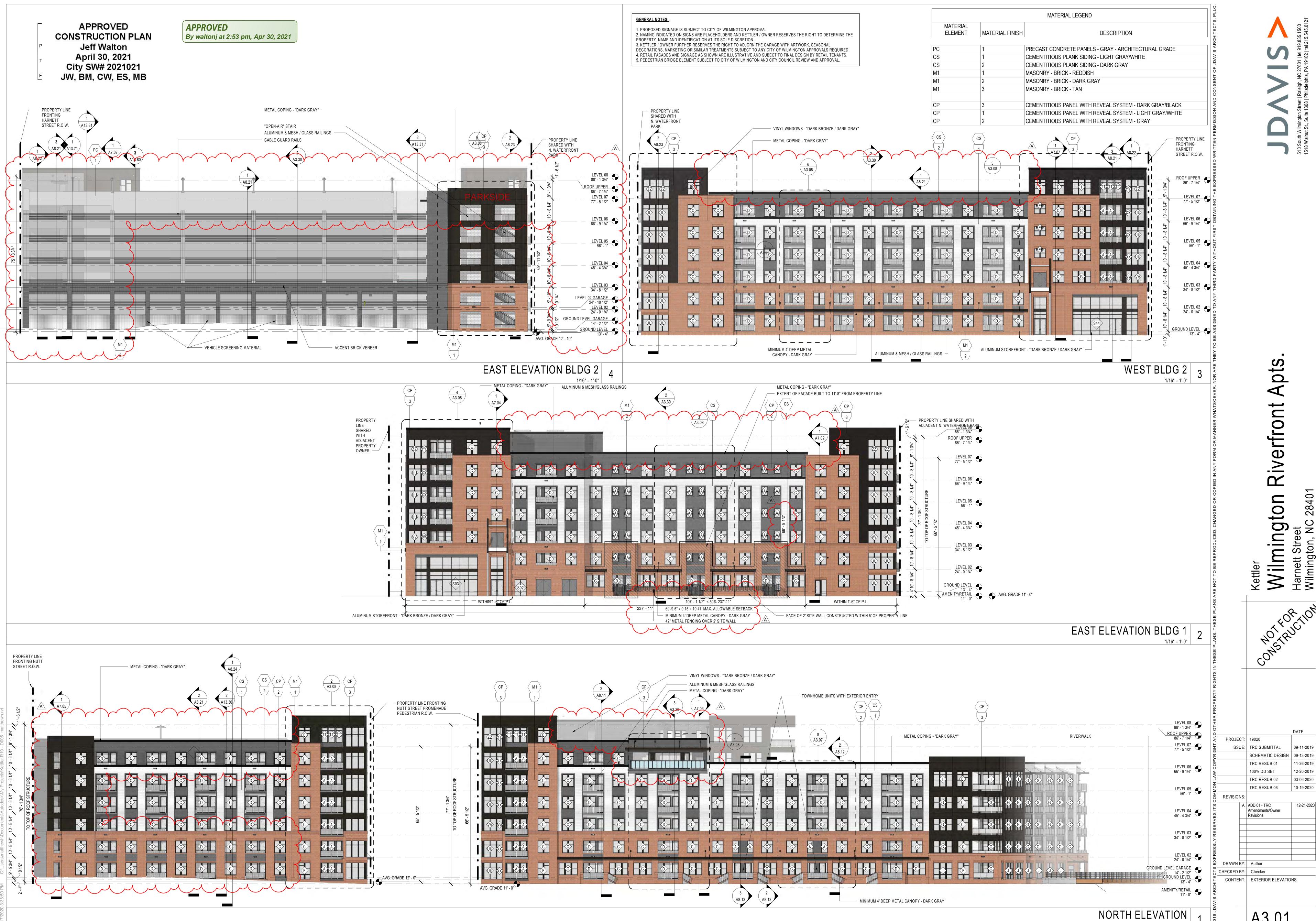
CHECKED BY: PSS

CONTENT: ELECTRICAL

SITE LIGHTING

SL1







Wilmington

SCHEMATIC DESIGN 09-13-2019

TRC RESUB 01

100% DD SET TRC RESUB 02 TRC RESUB 06

Amendments/Owner

A3.01

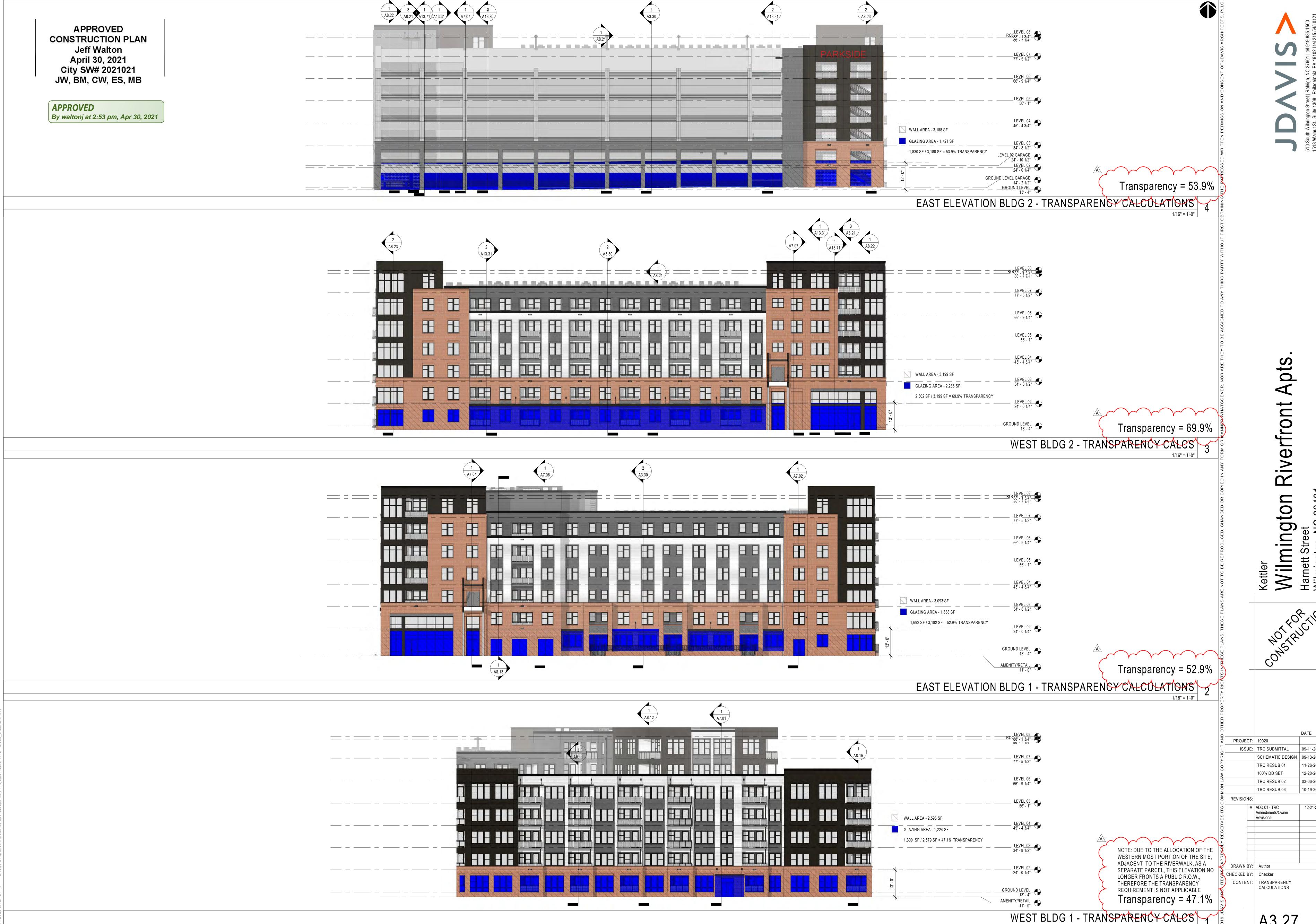
1/16" = 1'-0"

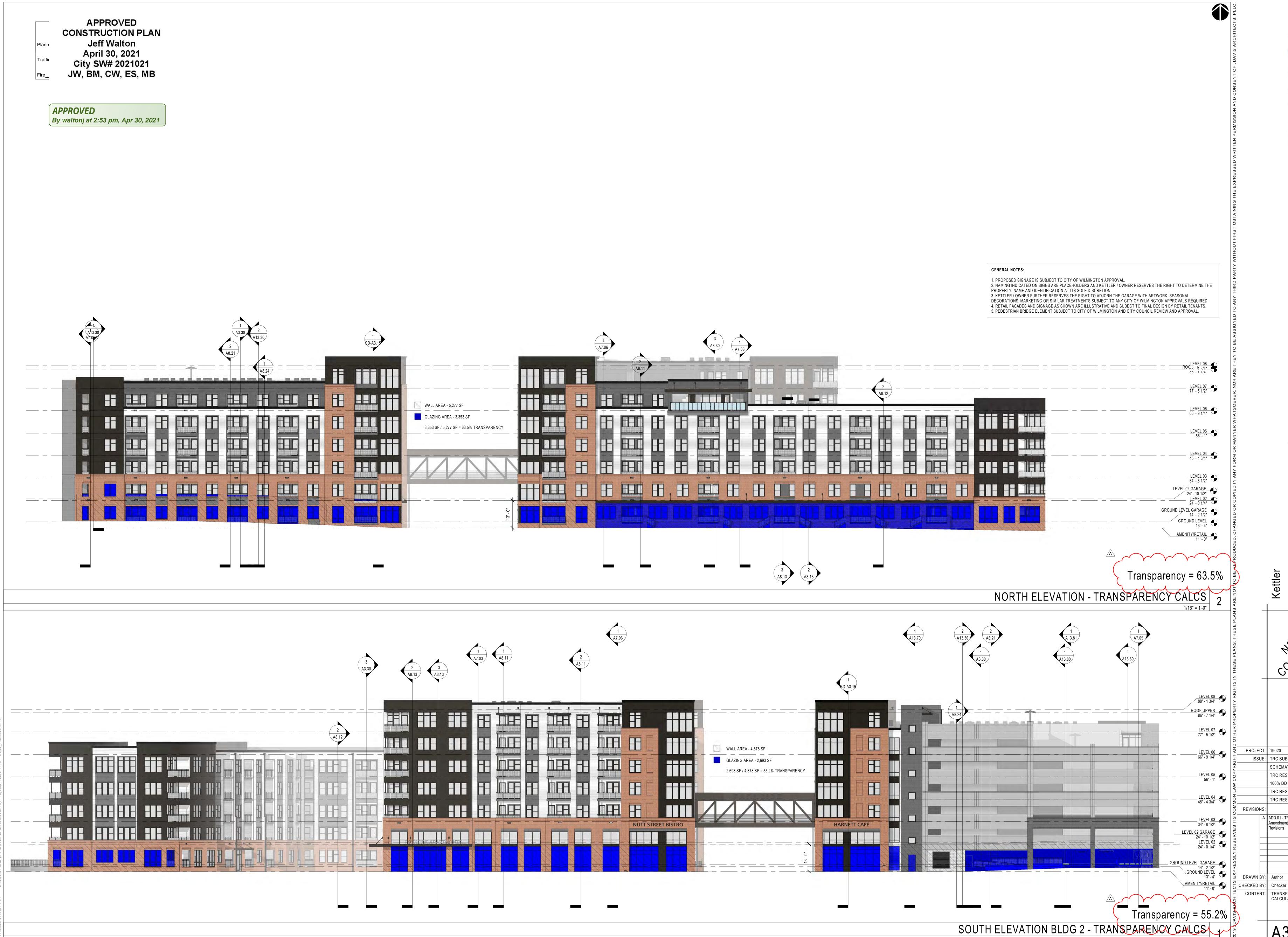


PROJECT: 19020 A ADD 01 - TRC Amendments/Owner

CONTENT: EXTERIOR ELEVATIONS

A3.02





510 South Wilmington Street | Raleigh, NC 27601 | tel 919.835.1500 1518 Walnut St., Suite 1308 | Philadelphia, PA 19102 | tel 215.545.0121

Wilmington Riverfront Ap

CONSTRUCTION REAL RICH

A3.28