SURVEY NOTES:

1. THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF, KEVIN N. NELSON, LS FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED ON APRIL 28, 2021 AND THAT THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

2. TOPOGRAPHIC SURVEY CONDUCTED BY GORDON, DECEMBER, 2021.
VERTICAL CONTROL: NAVD 88
HORIZONTAL CONTROL: VIRGINIA STATE PLANE COORDINATE SYSTEM NAD 83; US SURVEY FOOT.

3. EXISTING UNDERGROUND UTILITY LOCATIONS ARE BASED ON FIELD LOCATIONS AND AVAILABLE RECORDS AND MAY NOT REPRESENT ALL UNDERGROUND UTILITIES OR SERVICE LINES.

4. THE FOLLOWING UNDERGROUND UTILITIES WERE DESIGNATED BY, ACCUMARK.
   - EXISTING UNDERGROUND ELECTRIC
   - EXISTING UNDERGROUND COMMUNICATIONS
   - EXISTING UNDERGROUND WATERLINE
   - EXISTING UNDERGROUND NATURAL GAS LINE

5. UNDERGROUND UTILITY INFORMATION OBTAINED TO QUALITY LEVEL C – UTILITY INFORMATION OBTAINED FROM RECORD INFORMATION AND PLOTTED TO CORRELATE WITH SURFACE UTILITY FEATURES WHICH HAVE BEEN SURVEY LOCATED AND ACCURATELY REDUCED ONTO DESIGN/ CONSTRUCTION DOCUMENTS.

6. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS NOT INTENDED TO SHOW ALL EASEMENTS THAT MAY AFFECT THE PROPERTY.

7. THE EXISTENCE OF HAZARDOUS WASTE, VEGETATED WETLANDS, OR TIDAL WETLANDS WAS NEITHER INVESTIGATED NOR CONFIRMED DURING THE PERFORMANCE OF THIS SURVEY.

NOTES:

VCS 1983 NOTE
THE PLAT OF THE PROPERTY SHOWN HEREON IS REFERENCED TO THE VIRGINIA COORDINATE SYSTEM OF 1983 AS COMPUTED FROM A FIELD RUN BOUNDARY AND HORIZONTAL CONTROL SURVEY THAT TIES THIS BOUNDARY TO THE VCS 83, NORTH ZONE, USING THE U.S. SURVEY FOOT UNIT

ABBREVIATIONS:

EX.	–	EXISTING
CONC.	–	CONCRETE
SD STRC	–	STORM DRAIN STRUCTURE
SS STRC	–	SANITARY STRUCTURE
SAN	–	SANITARY
MH	–	MANHOLE
RCP	–	REINFORCED CONCRETE PIPE
DIP	–	DUCTILE IRON PIPE
PVC	–	POLYVINYL CHLORIDE PIPE
CPP	–	CORRUGATE PLASTIC PIPE
TC	–	TERRA COTTA PIPE
A/C	–	AIR CONDITIONER
FF	–	FINISHED FLOOR
EOI	–	END OF INVESTIGATION
TYP	–	TYPICAL
DATR	–	DETERMINED ACCORDING TO RECORDS

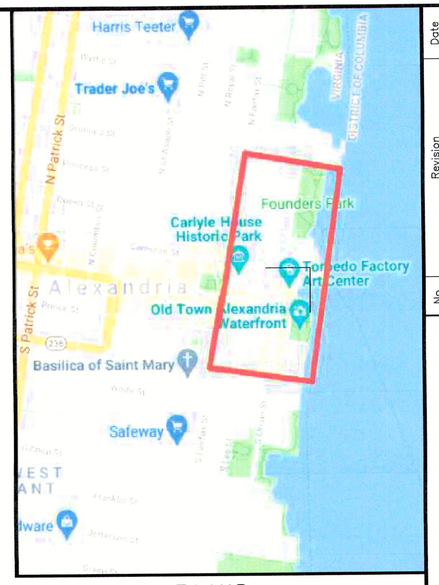
SURVEY SITE CONTROLS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
52	6980069.2400	11899048.8700	6.69	MON FOUND
100	6980061.5899	11899198.0287	4.11	TRAV-REBAR & CAP
101	6979856.6567	11899301.8330	3.04	TRAV (MONUMENT 53)
103	6979875.3146	11898961.8212	4.85	TRAV PK NAIL SET
104	6979678.1334	11898929.3431	4.58	TRAV PK NAIL SET
105	6979224.6317	11898858.6993	3.44	TRAV PK NAIL SET
106	6978802.2921	11898842.1715	5.55	TRAV PK NAIL SET
107	6978632.1797	11898773.7797	8.15	TRAV PK NAIL FOUND
109	6978374.6791	11898772.3169	11.02	TRAV PK NAIL SET
110	6978458.9731	11898563.6066	23.09	TRAV PK NAIL SET
111	6978421.2738	11898390.0817	32.61	TRAV PK NAIL SET
112	6978700.1859	11898467.1239	32.52	TRAV PK NAIL SET
113	6978902.5747	11898461.6319	27.69	TRAV PK NAIL SET
114	6979044.2197	11898520.0866	19.12	TRAV PK NAIL SET
115	6979315.9847	11898523.4455	10.45	TRAV PK NAIL SET
116	6979429.6666	11898540.7892	10.72	TRAV PK NAIL SET
117	6979681.5486	11898576.6923	13.31	TRAV PK NAIL SET
118	6979917.0525	11898654.9809	14.15	TRAV PK NAIL SET
119	6980140.0242	11898693.8360	15.35	TRAV PK NAIL SET
120	6980355.0181	11898722.6120	17.34	TRAV PK NAIL SET
121	6980503.1966	11898747.0346	16.13	TRAV PK NAIL SET
122	6980748.4989	11898781.3845	17.63	TRAV PK NAIL SET
123	6980920.8994	11898762.4413	16.69	TRAV PK NAIL SET
124	6980877.6931	11899098.2210	8.43	TRAV PK NAIL SET
125	6980459.3790	11899088.1099	9.57	TRAV PK NAIL SET
131	6979715.2883	11899357.6487	4.20	TRAV (EX. TRAV 517)
132	6979567.1928	11899335.6663	7.16	TRAV PK NAIL SET
133	6979603.1740	11899126.6423	7.14	TRAV X-CUT IN BRICK
134	6979289.3412	11899098.2890	4.69	TRAV PK NIAL IN WOOD
135	6979201.5517	11899015.2951	3.29	TRAV (EX. TRAV 513)
136	6978973.6147	11899043.4024	4.84	TRAV (EX. TRAV 512)
137	6978765.6601	11899026.6344	3.73	TRAV (EX. TRAV 511)
138	6978573.9109	11899023.8817	5.57	TRAV PK NAIL SET
139	6978348.6738	11898965.7922	10.49	TRAV PK NAIL SET

CONTROL QUALITY NOTE:

EXISTING MONUMENT FOUND POINT #52 WAS HELD FOR ELEVATION AND A FIELD RUN LEVEL LOOP WAS PERFORMED SETTING BENCHMARK ELEVATIONS FOR POINTS 103–107 & 109–125 WITH A VERTICAL RELATIVE ACCURACY OF 2ND ORDER CLASS I.

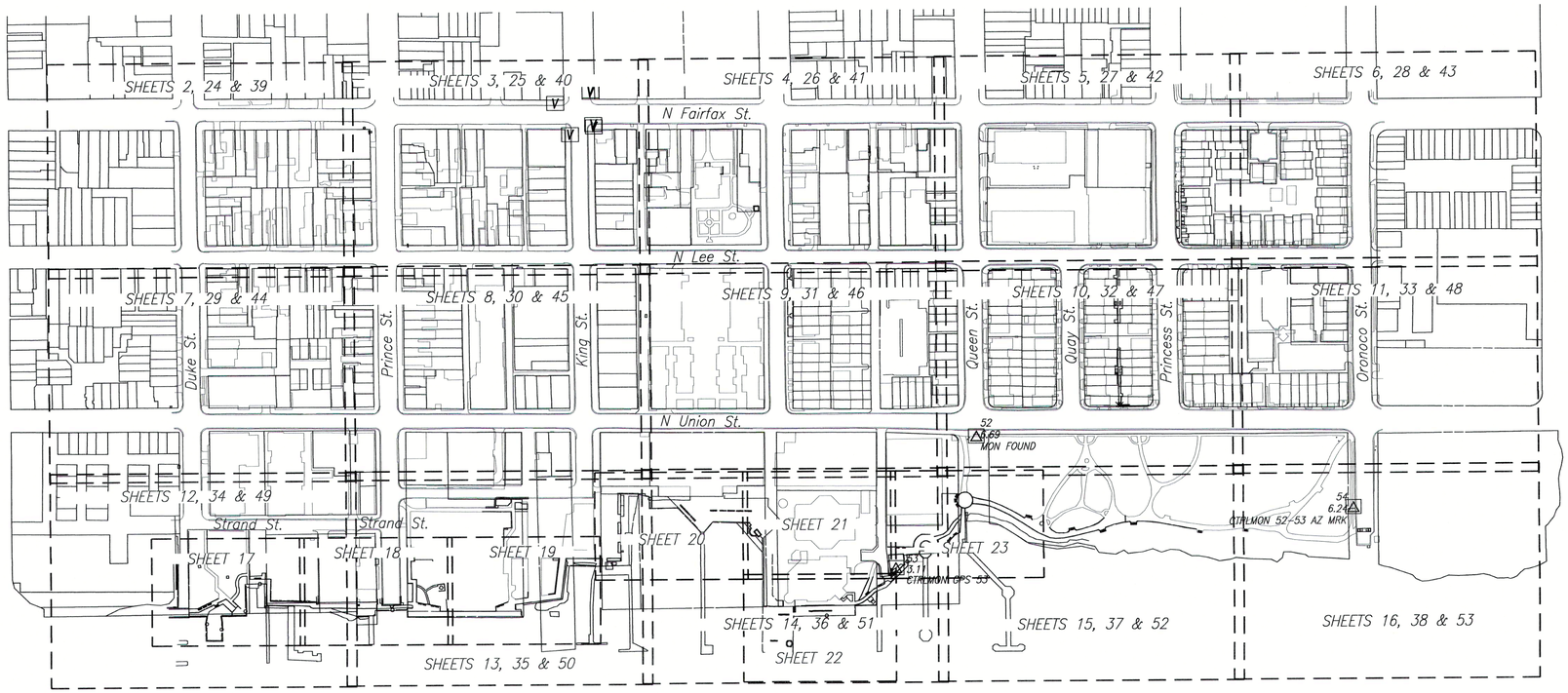
TWO HORIZONTAL CONTROL LOOPS WERE PERFORMED WITH LOOP 1 CONSISTING OF POINTS 103–107 & 109–125 HAVING A HORIZONTAL RELATIVE ACCURACY OF 2ND ORDER CLASS I AND LOOP 2 CONSISTING OF POINTS 100, 101, 131–139 HAVING A HORIZONTAL RELATIVE ACCURACY OF 2ND ORDER CLASS II.



VICINITY MAP

EXISTING LEGEND

- TRAVERSE CONTROL POINT
- EX. ELEC. HAND HOLE
- EX. ELEC. MANHOLE
- EX. LIGHT POLE
- EX. ELEC. SWITCH BOX
- EX. ELEC. TRANSFORMER
- EX. GROUND LIGHT
- EX. OUTLET
- EX. COMM. HAND HOLE
- EX. COMM. MANHOLE
- EX. COMM. CABINET
- EX. CABLE HAND HOLE
- EX. TV PEDESTAL
- EX. WATER IRRIGATION VALVE
- EX. WATERLINE MANHOLE
- EX. WATER METER
- EX. WATER VALVE
- EX. FIRE HYDRANT
- EX. WATER FOUNTAIN
- EX. GAS VALVE
- EX. GAS METER
- EX. GAS TEST STATION
- EX. SIGN
- EX. BOLLARD
- TREE
- SHRUB
- EX. FLAG POLE
- EX. TRAFFIC LIGHT
- EX. TRAFFIC CONTROL HAND HOLE
- EX. SANITARY SEWER MANHOLE
- EX. STORM DRAINAGE MANHOLE
- EX. STORM DRAINAGE CLEANOUT
- EX. STORM DRAINAGE CURB INLET MANHOLE
- EX. STORM DRAINAGE CURB INLET
- EX. STORM DRAINAGE GRATE INLET
- UGE – EX. UNDERGROUND ELECTRIC
- OHE – EX. OVERHEAD WIRE
- W – EX. UNDERGROUND WATER
- UGT – EX. UNDERGROUND TELEPHONE
- G – EX. UNDERGROUND GAS
- G – EX. UNDERGROUND GAS – ABANDONED
- UGTV – EX. UNDERGROUND CABLE TV
- UNK – EX. UNKNOWN UTILITY LINE
- EX. HAND RAIL



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02–16 – TOPOGRAPHIC SURVEY AND PROPERTY DATA (20 SCALE)
17–23 – BULKHEAD SURVEY DETAIL (10 SCALE)
24–38 – EXISTING STORM & SANITARY SEWERS PLAN
39–53 – LEVEL C SUE, SURFACE UTILITIES AND OVERHEAD WIRES PLAN WITH CLEARANCES
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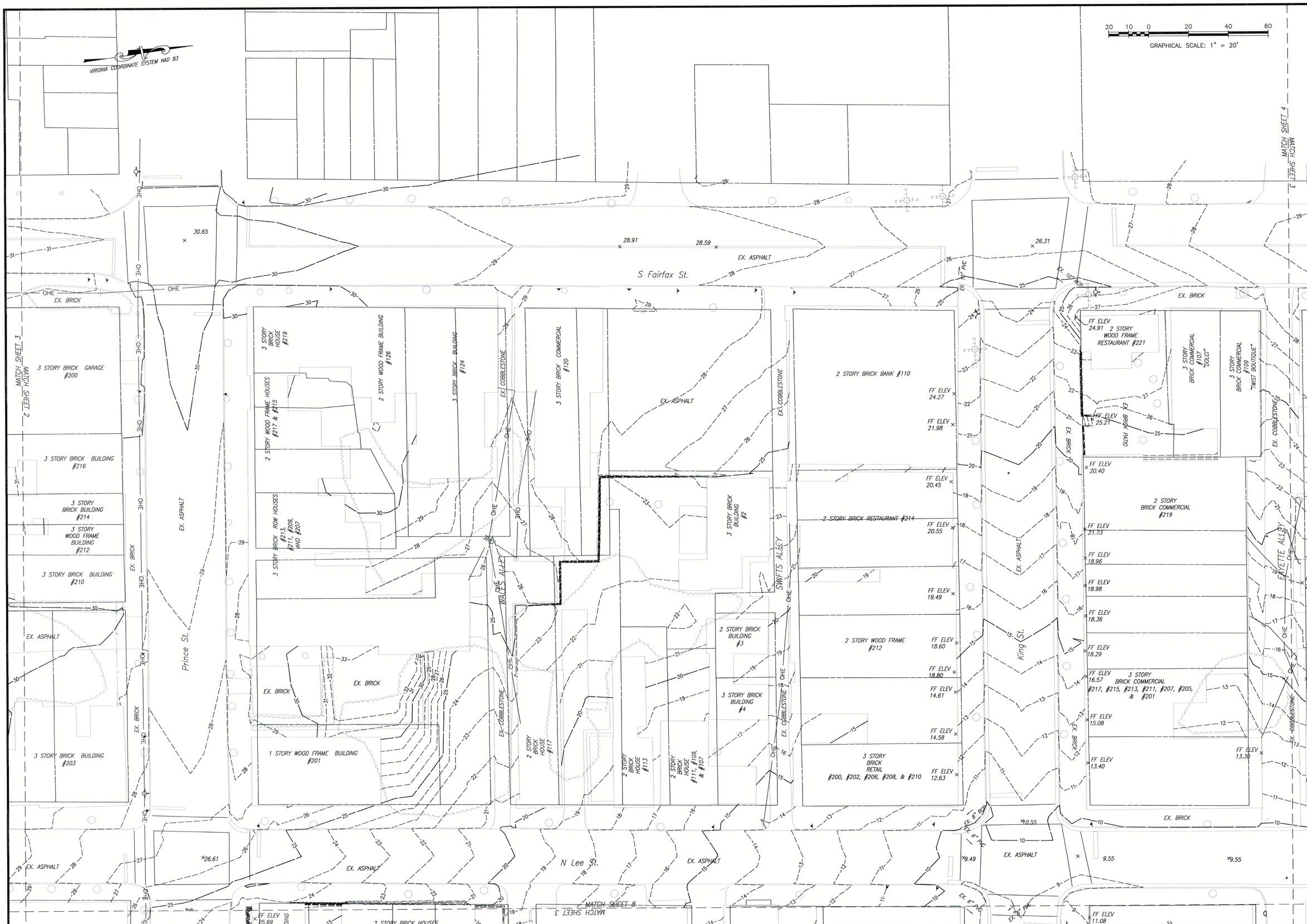

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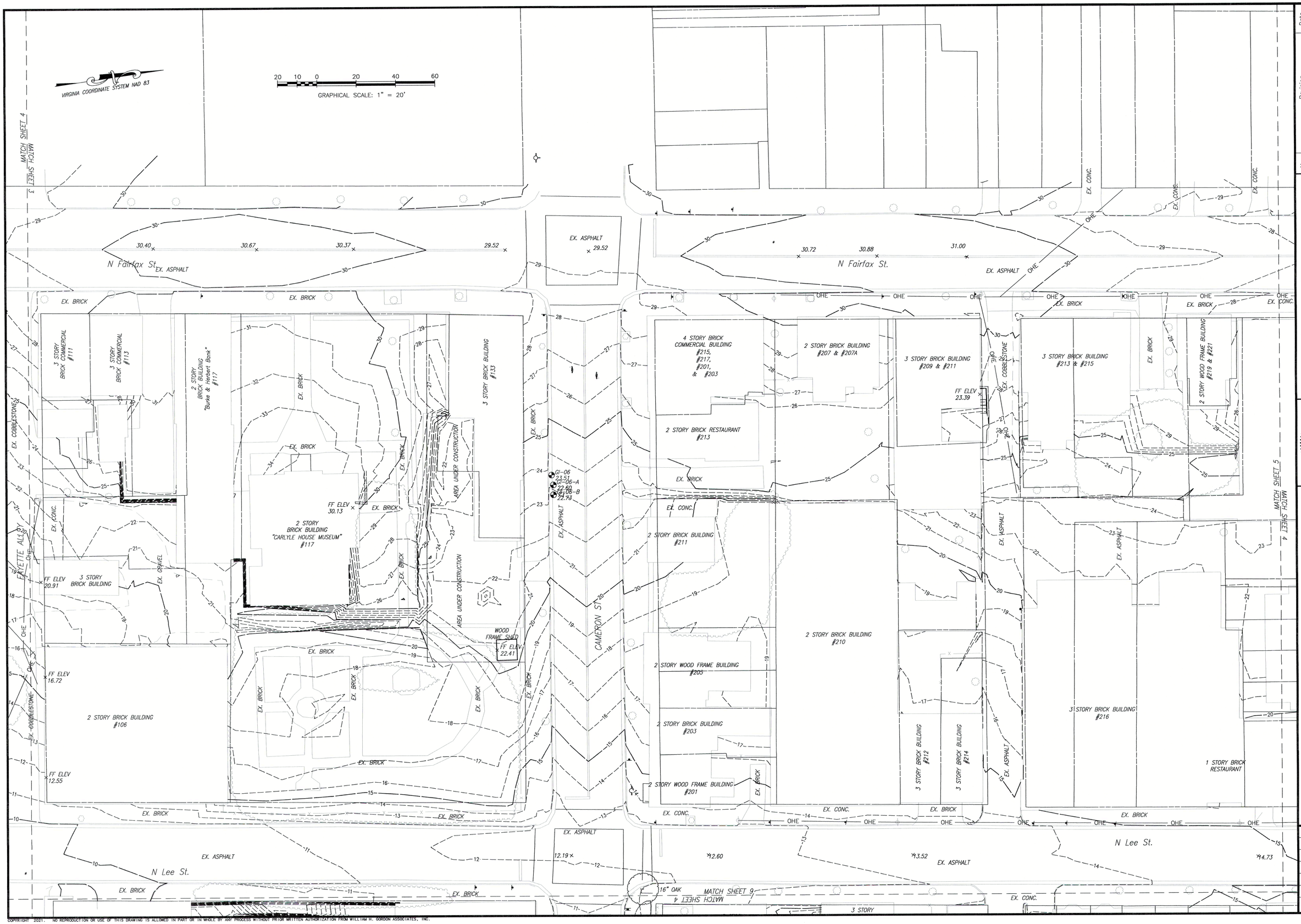

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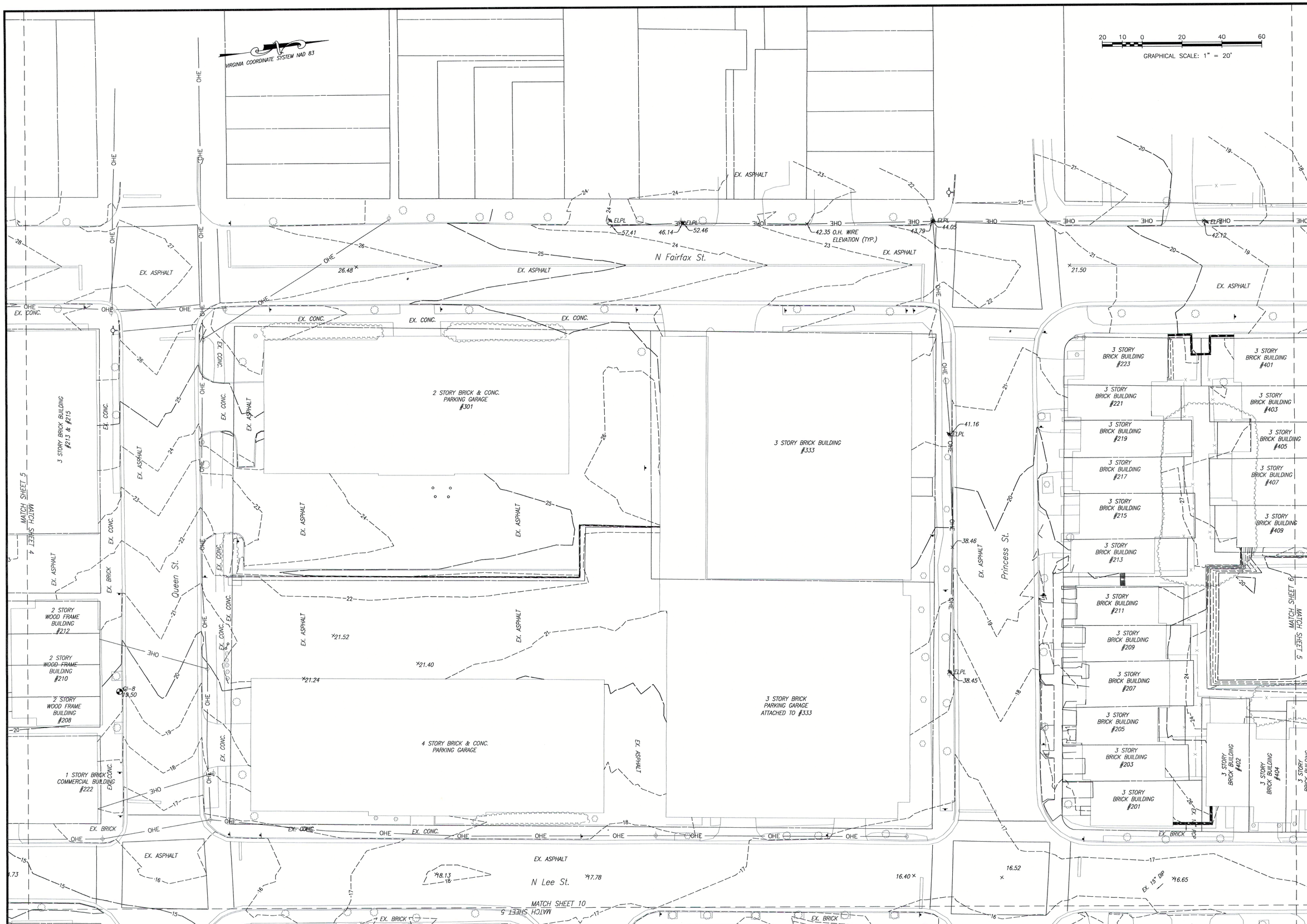

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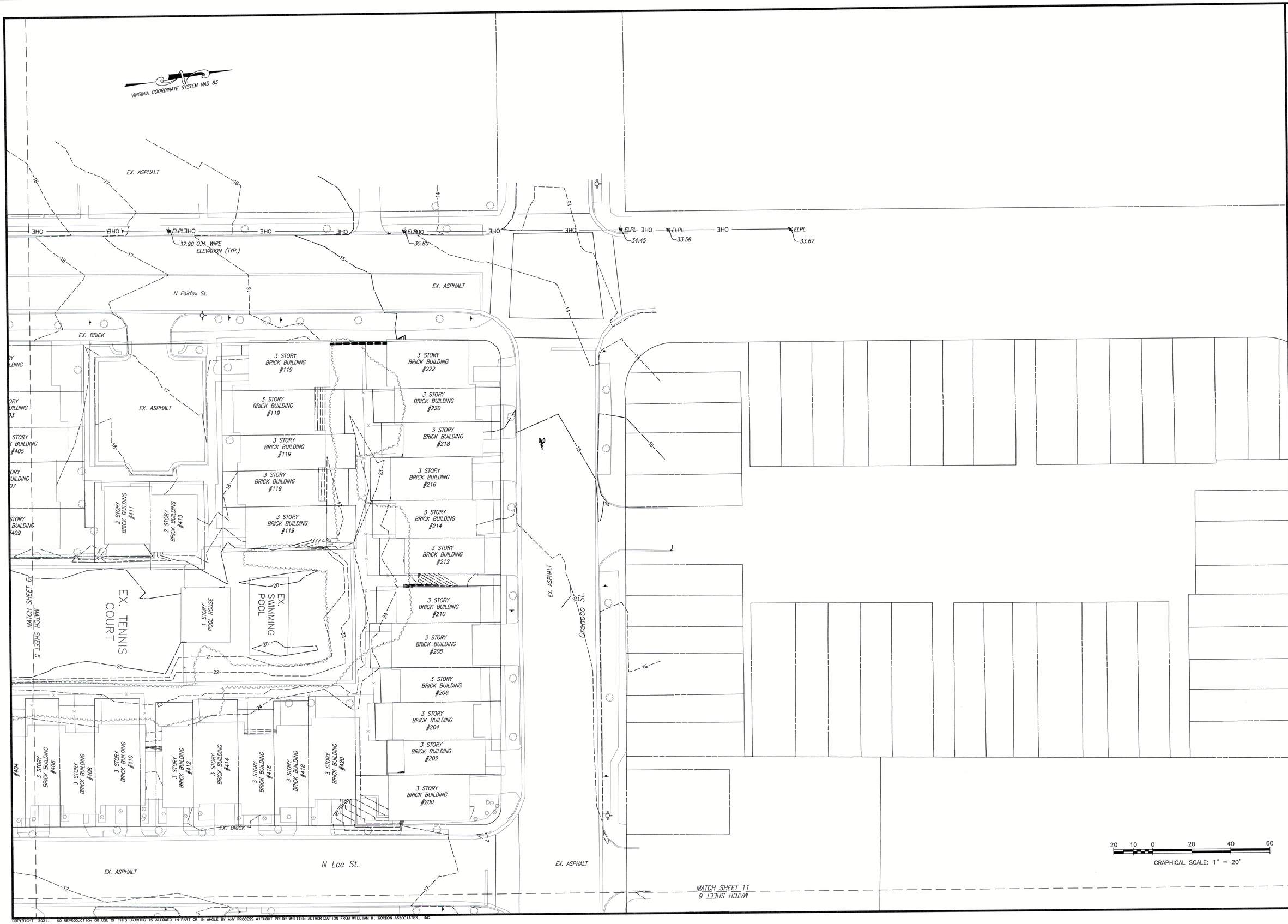

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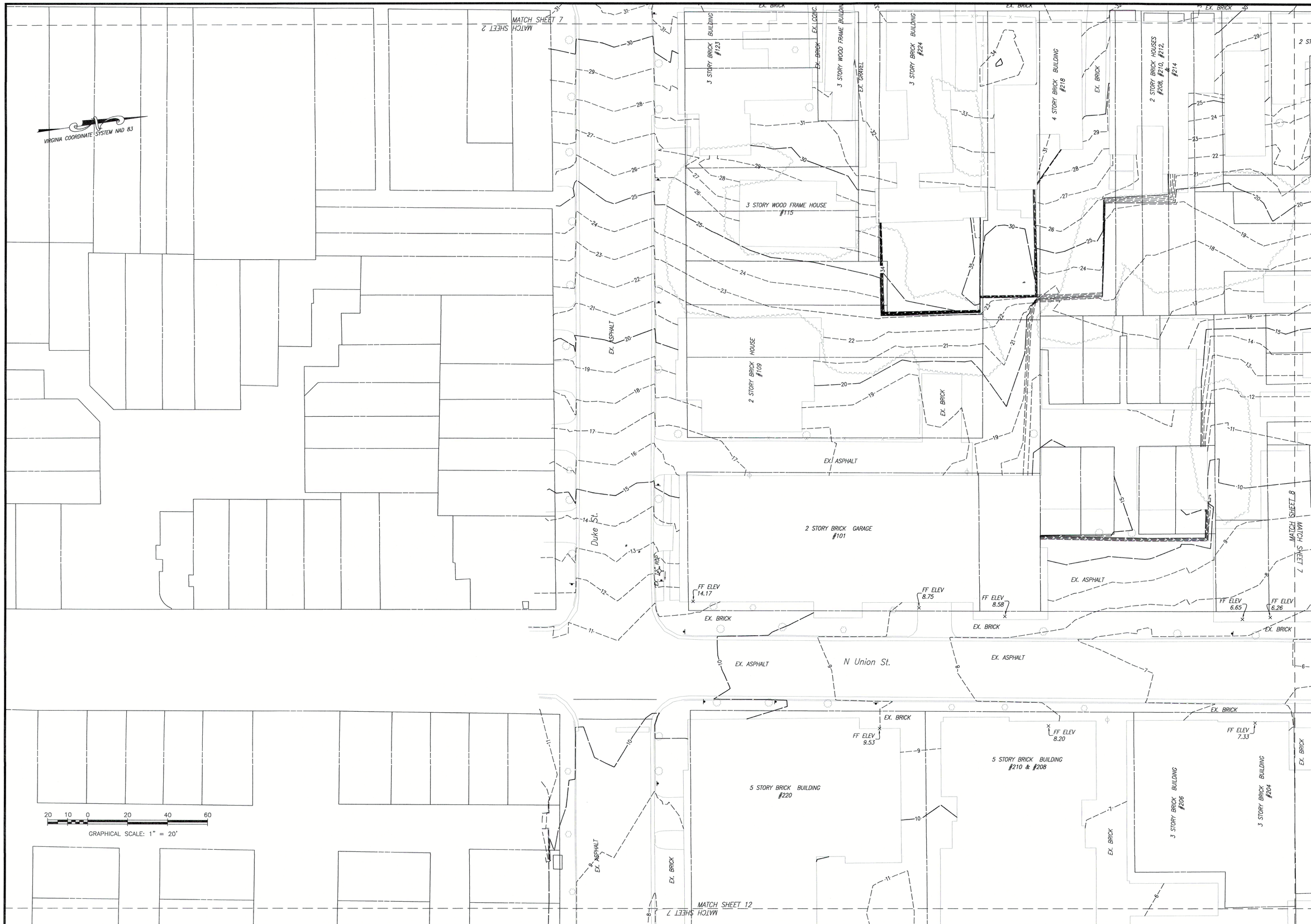

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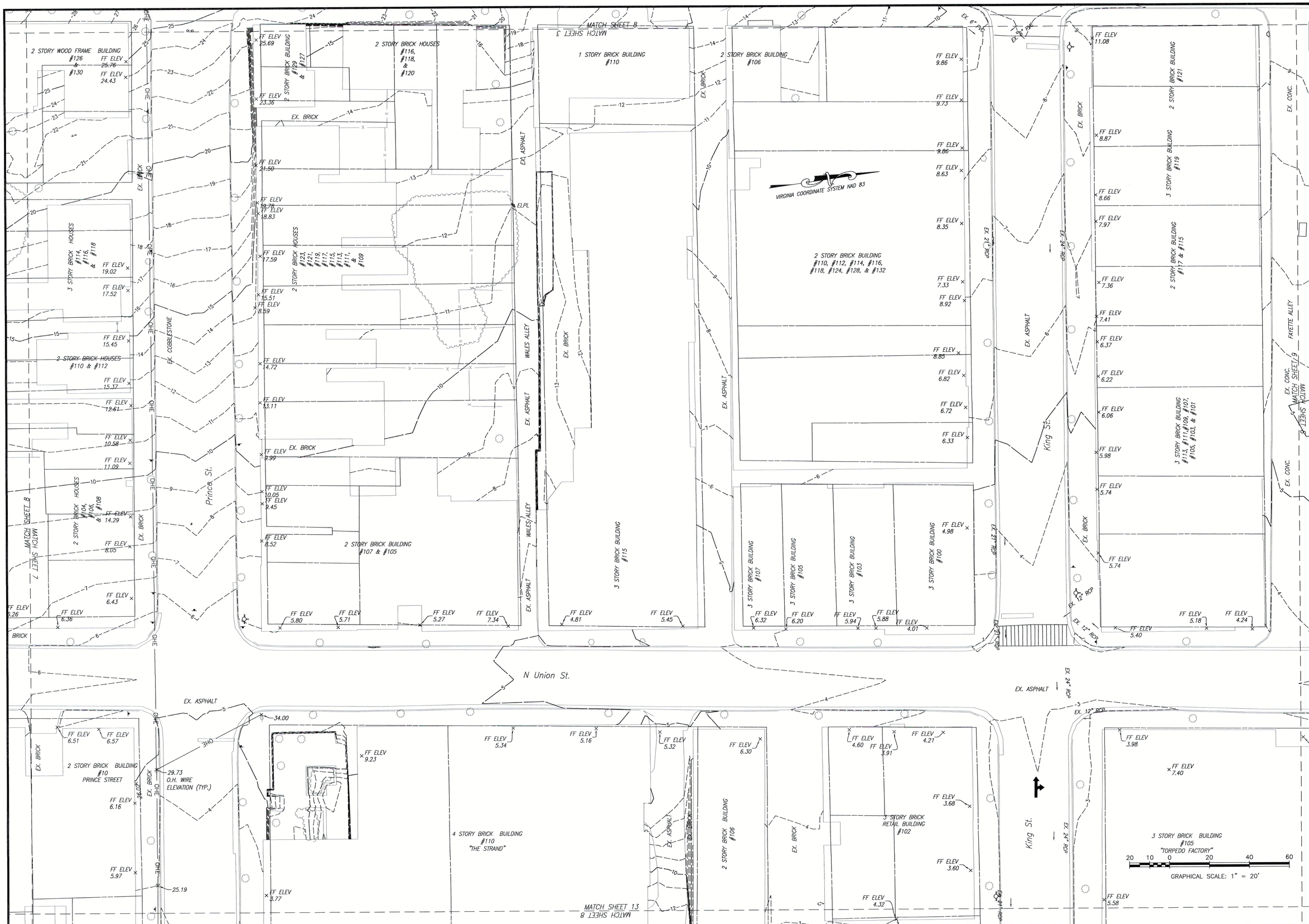

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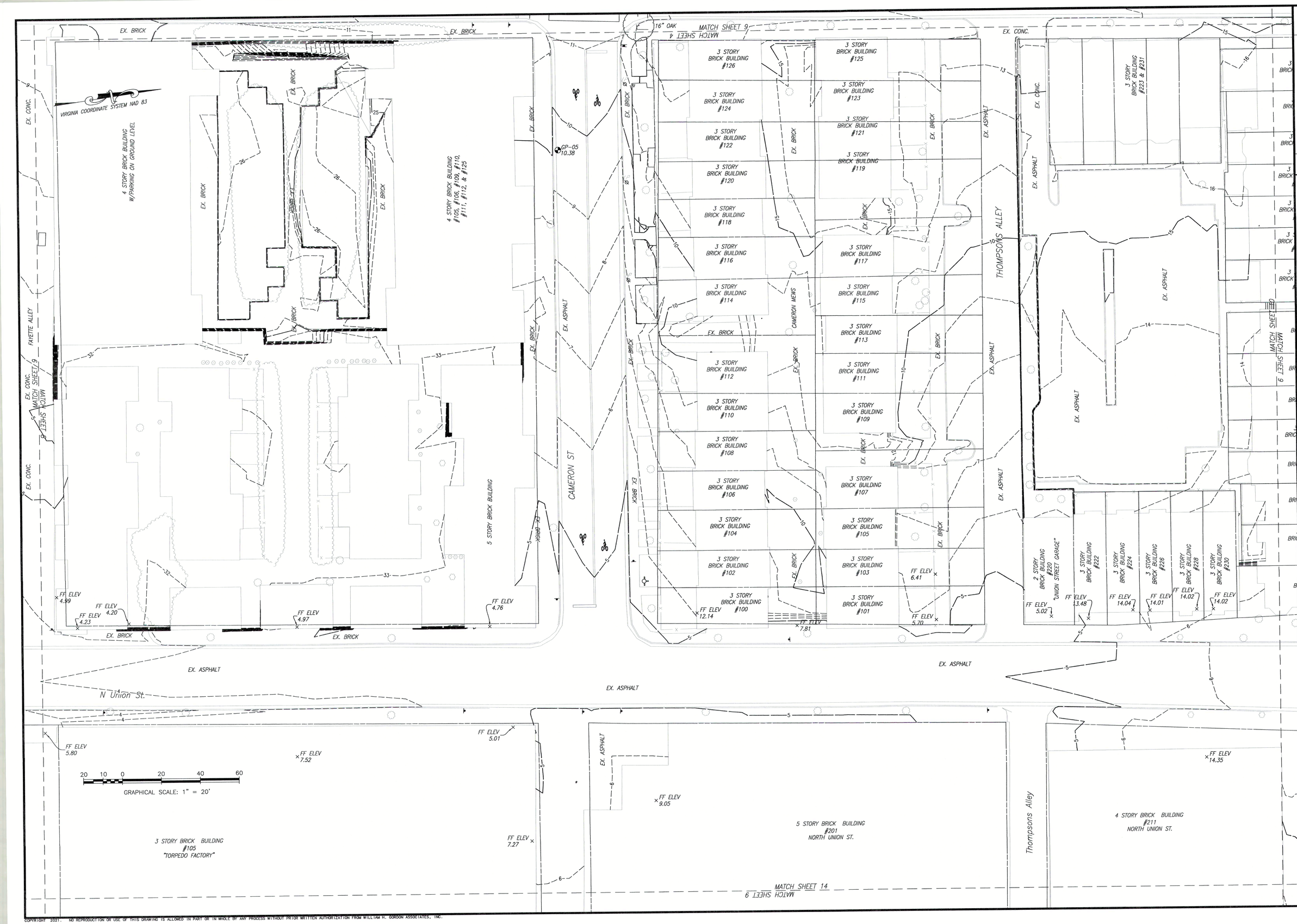

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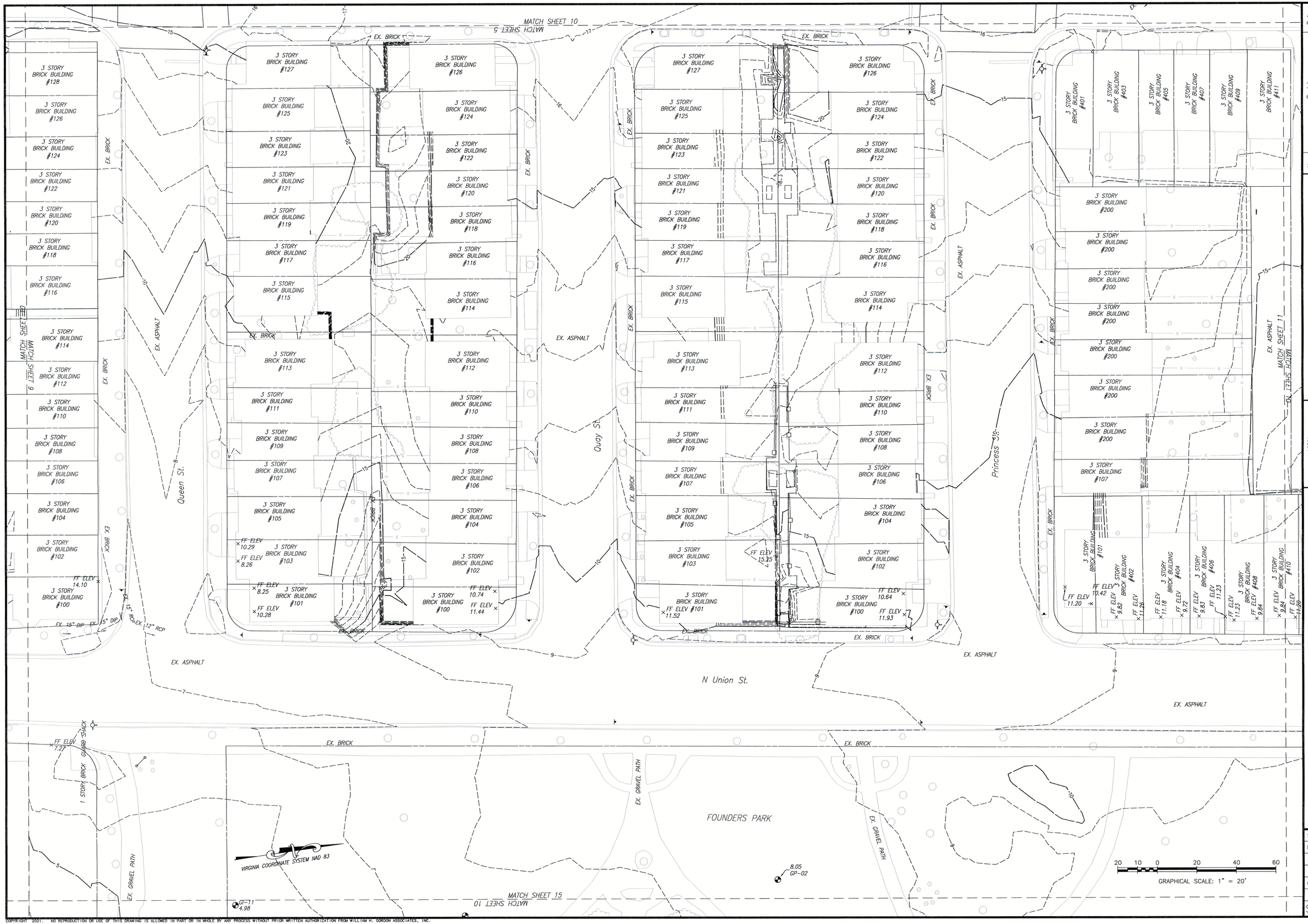

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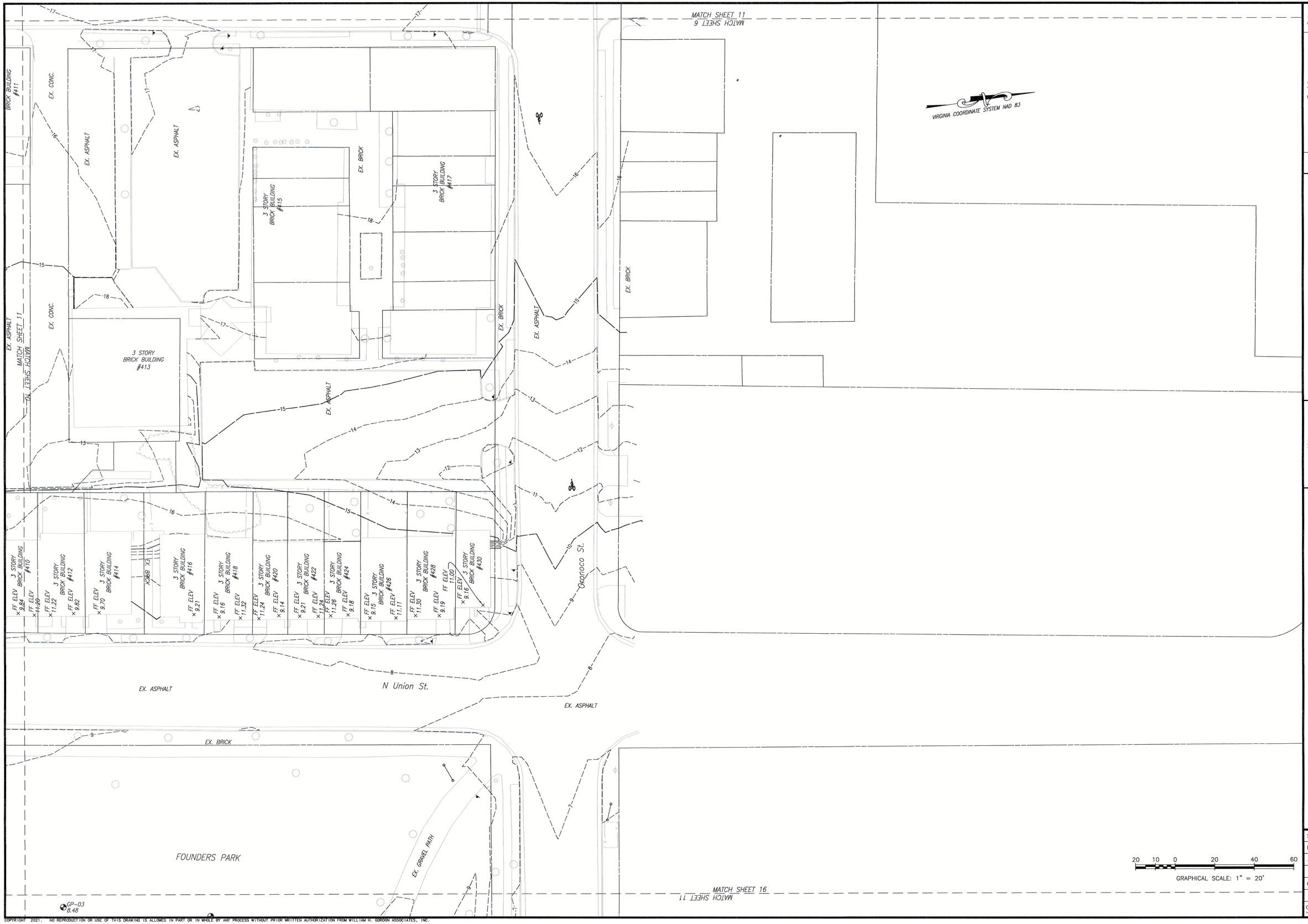

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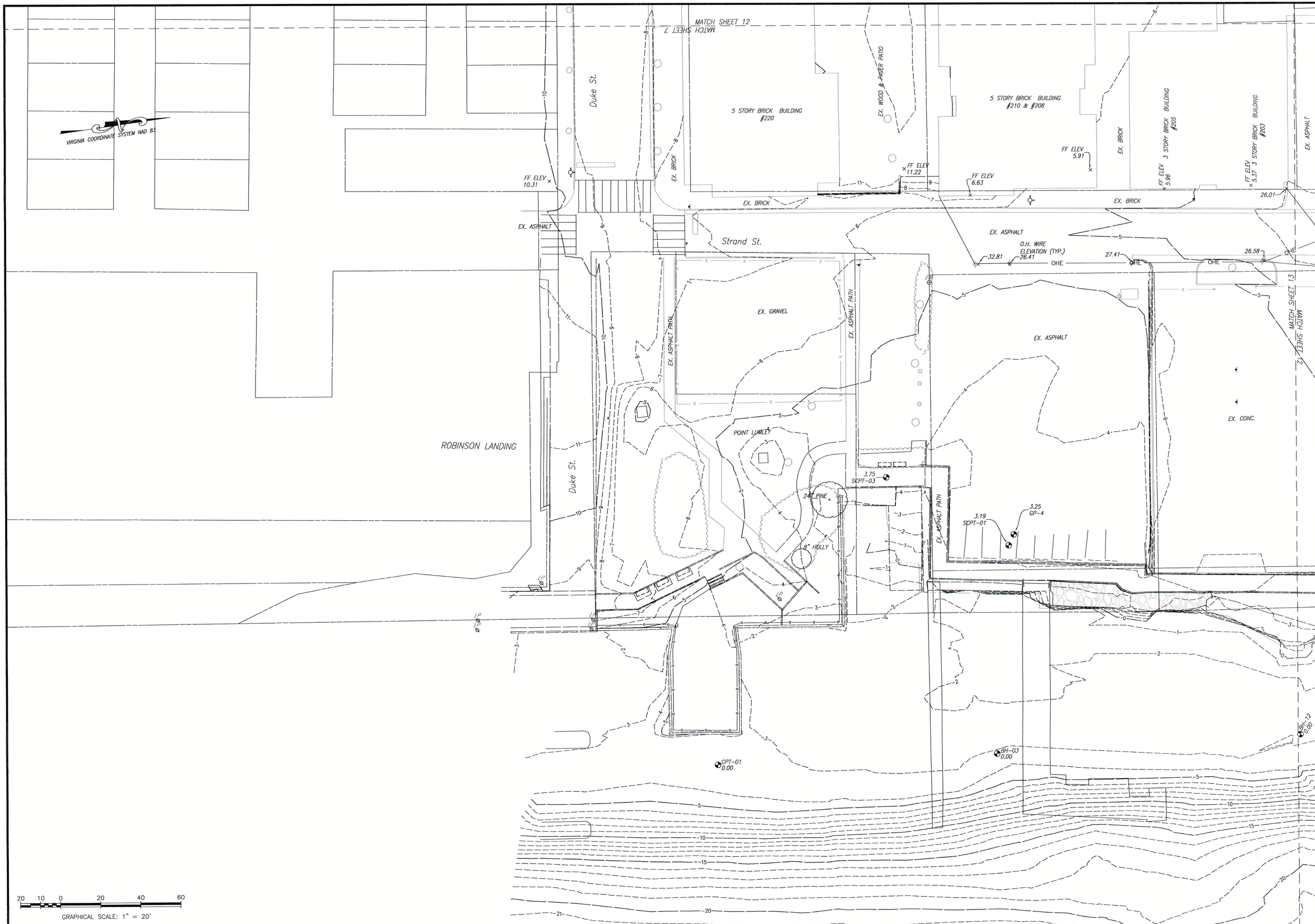

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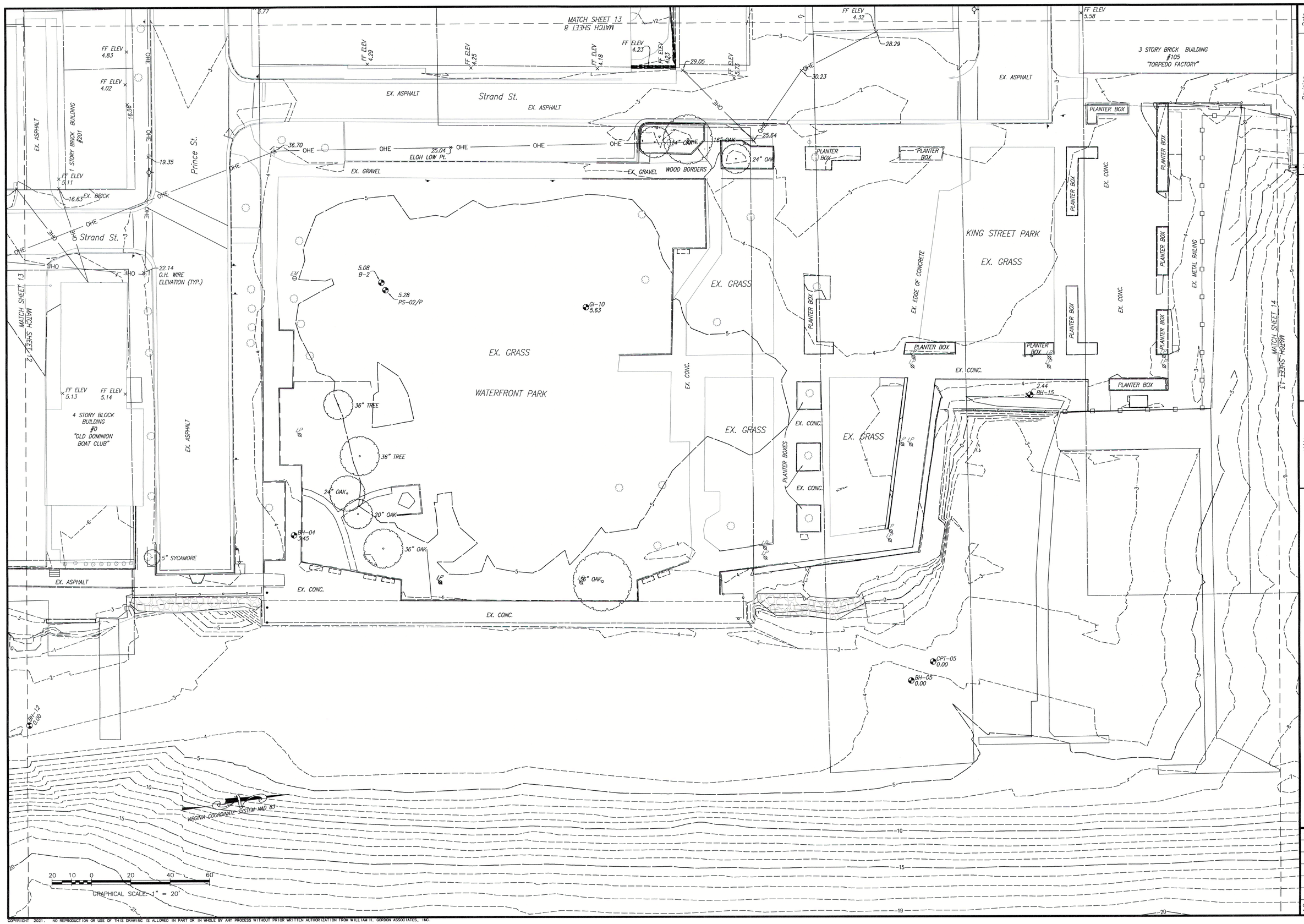

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OF
ALEXANDRIA WATERFRONT IMPROVEMENTS

SCALE: 1" = 20'
DATE: 12/9/2021
3560-0101

GR III
3560-0101_T002
SHEET 13 OF 57

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MATCH SHEET 14
MATCH SHEET 9

3 STORY BRICK BUILDING
#105
"TORPEDO FACTORY"

EX. METAL RAILING
EX. RECYCLED MATERIAL DECKING
EX. RECYCLED MATERIAL DECKING
EX. BRICK

"BLACKWALL HITCH"
2 STORY BRICK RESTAURANT W/ UNDERGROUND PARKING
#5
CAMERON ST.

EX. BRICK
EX. BRICK
EX. BRICK
EX. BRICK
EX. BRICK
EX. BRICK

Thompsons Alley

4 STORY BRICK BUILDING
#211
NORTH UNION ST.

9" BIRCH
11" LOCUST
11" LOCUST
3" PINE
EX. CONC.

CPT-18
0.00
BH-10
0.00
VIRGINIA COORDINATE SYSTEM NAD 83
BH-16
0.00
BH-16A
0.00
MATCH SHEET 13
MATCH SHEET 14

2.87
SCPT-02
PS-04PA
2.87

16" SYCAMORE
36" ELMS
14" SYCAMORE
18" ELMS
2 STORY WOOD
FRAME BUILDING

"CHARTHOUSE"
1 STORY FRAME RESTAURANT
#1
CAMERON ST.

11" MULBERRY
10" MAGNOLIA
10" MAPLE
FF ELEV
6.93
FF ELEV
4.42
FF ELEV
4.46
FF ELEV
4.49
FF ELEV
4.50
EX. CONC.
PS-04
0.00
0.00
BH-20
INACCESSIBLE
TRENCH DRAIN
EX. RECYCLED MATERIAL DECKING
MATCH SHEET 15
MATCH SHEET 14
CPT-08
0.00
"DOCKMASTER"
1 STORY
WOOD FRAME BUILDING

20 10 0 20 40 60
GRAPHICAL SCALE: 1" = 20'

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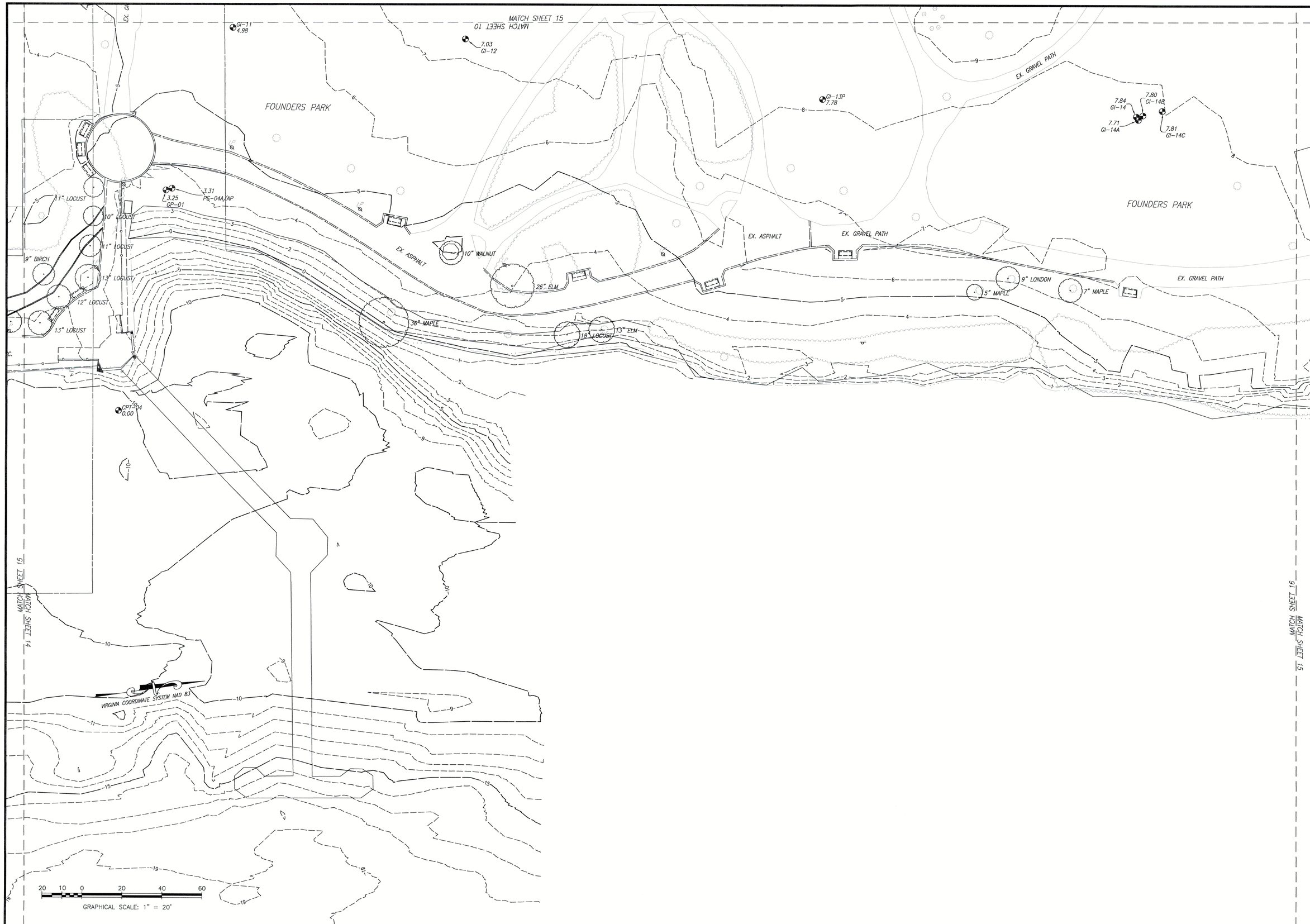

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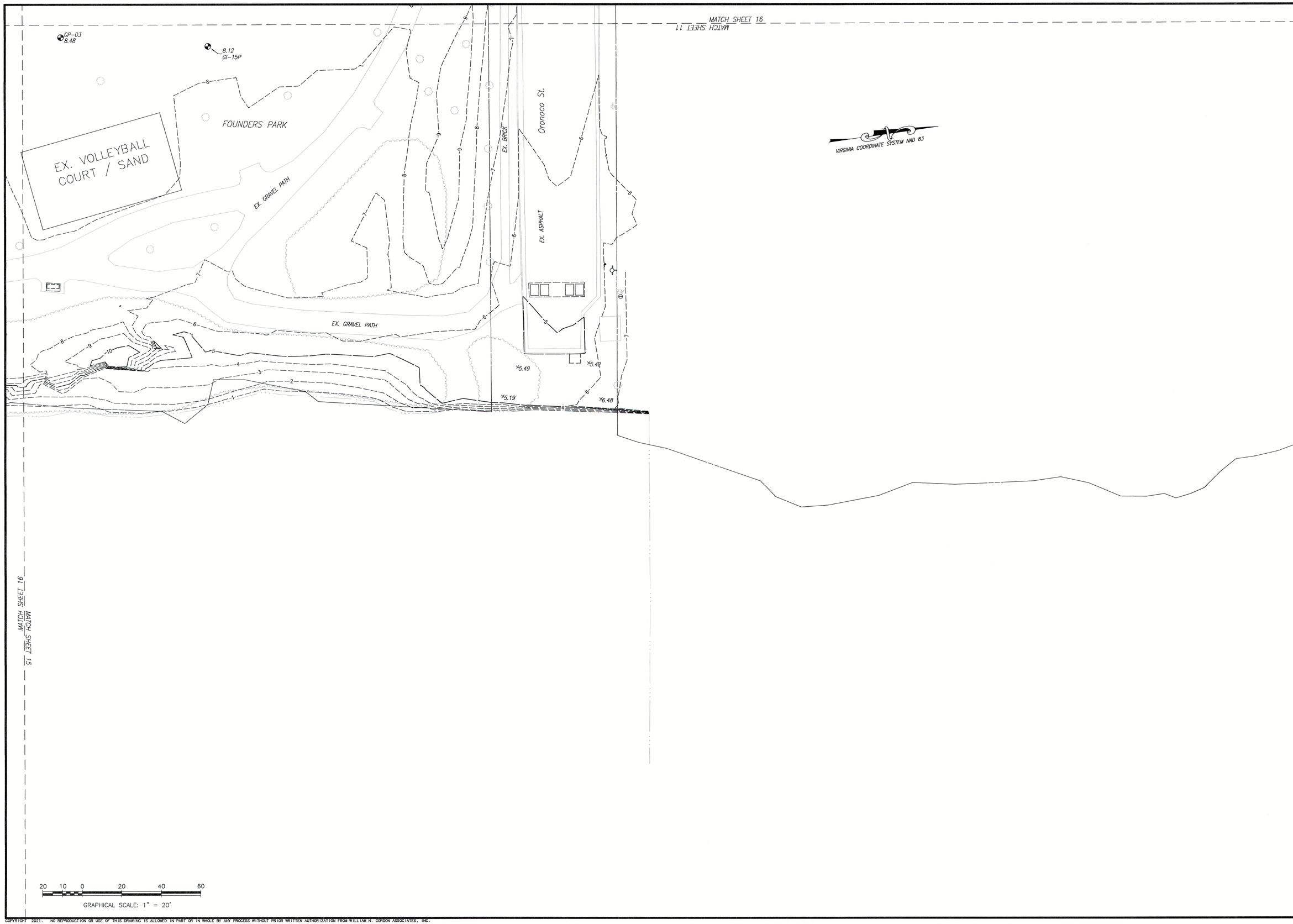

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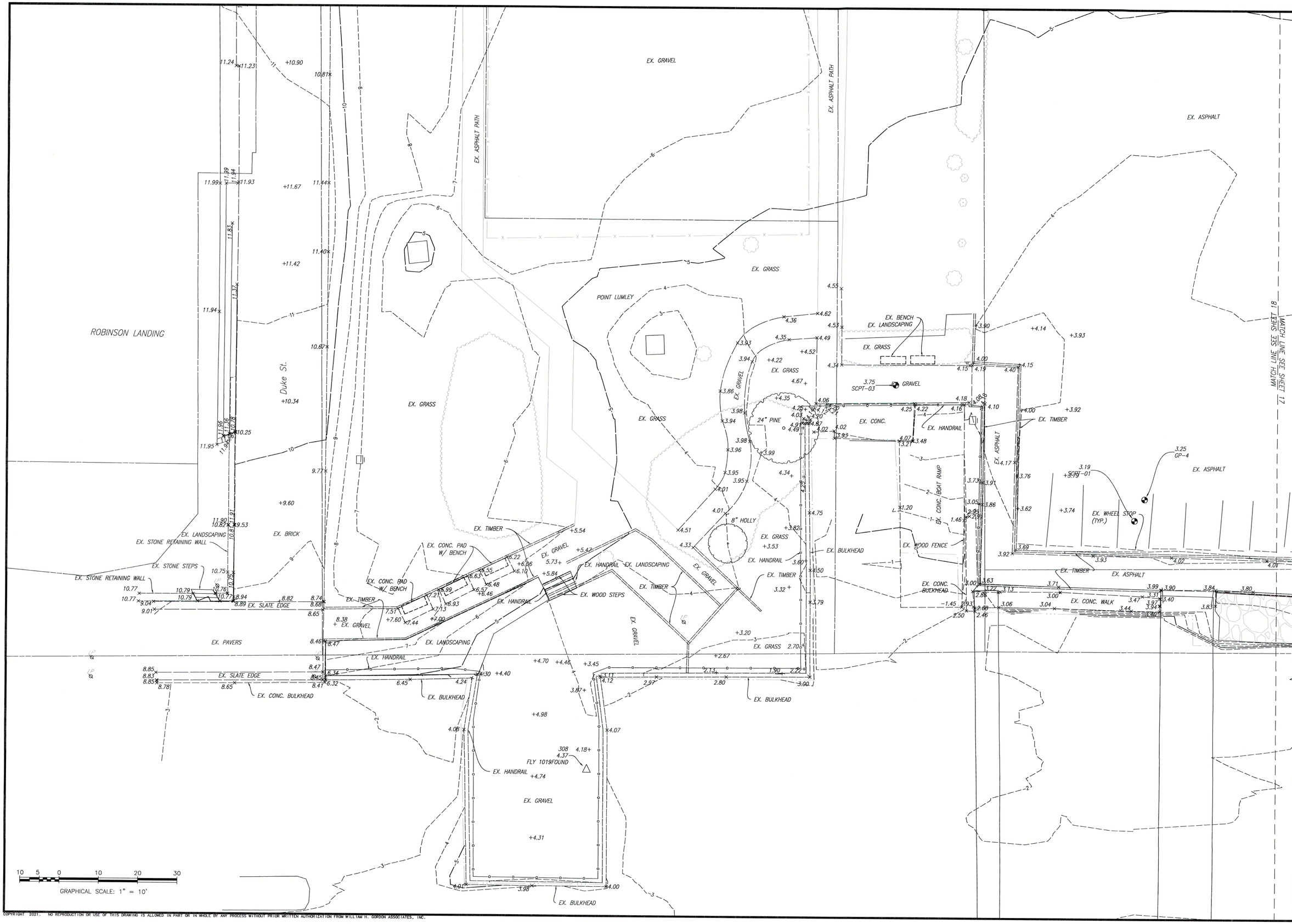

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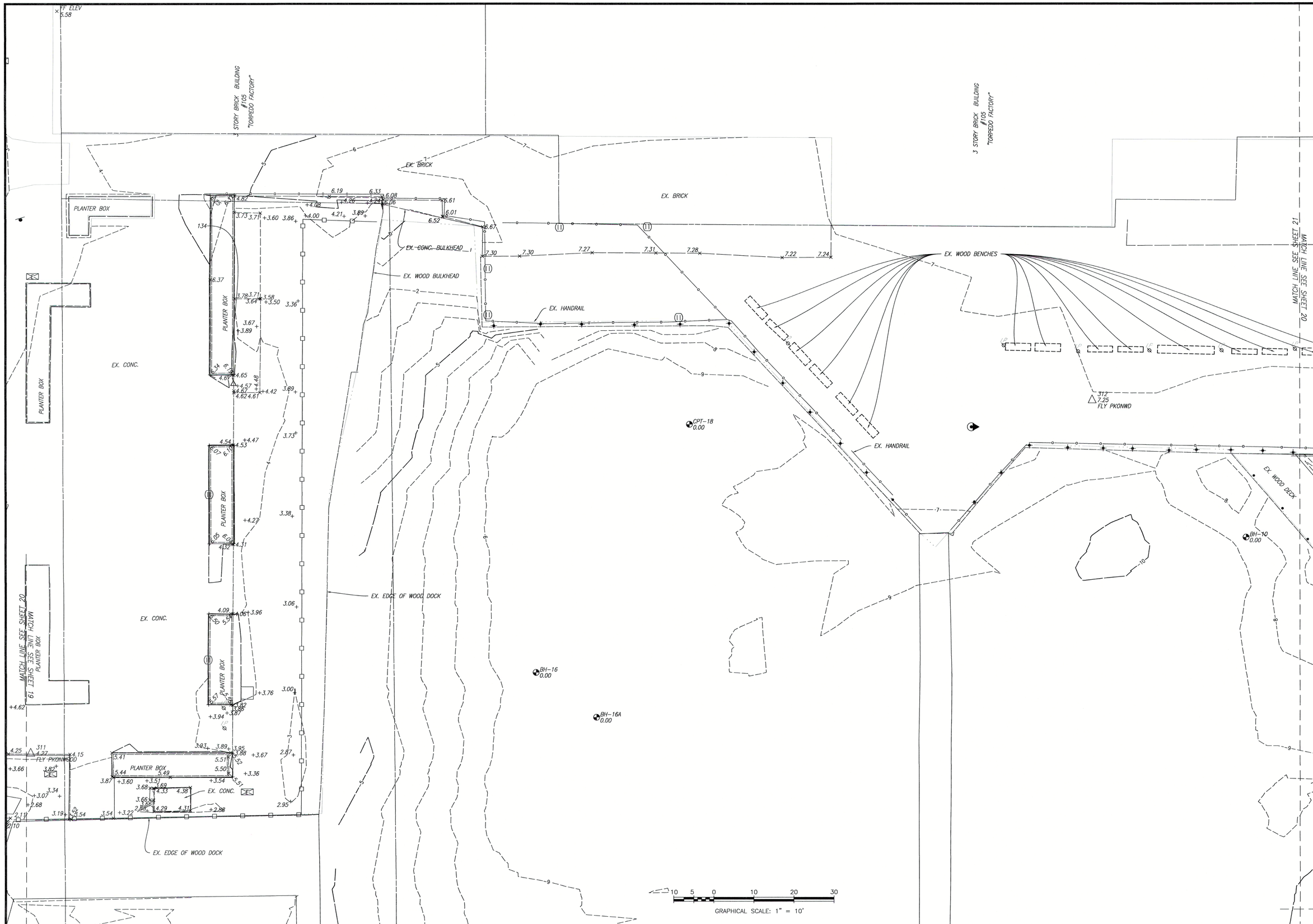

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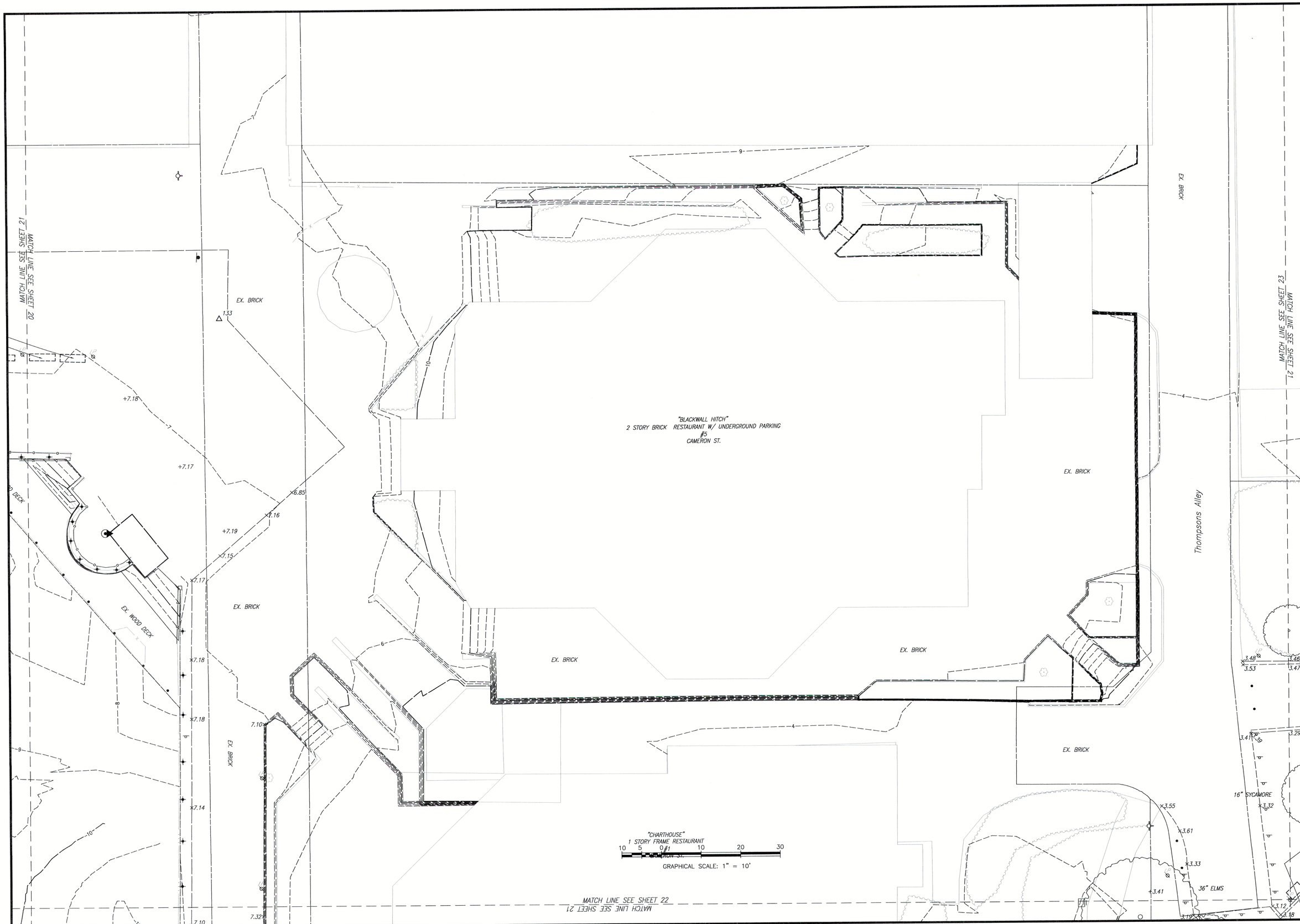

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MATCH LINE SEE SHEET 22

MATCH LINE SEE SHEET 21

"CHARTHOUSE"
1 STORY FRAME RESTAURANT
#1
CAMERON ST.

EX. BRICK

0.00
BH-20

FF ELEV
4.42

FF ELEV
4.46

FF ELEV
4.49

FF ELEV
4.50

EX. CONC.

INACCESSIBLE
TRENCH DRAIN

EX. WOOD DOCK

EX. CONC. STEPS

EX. WOOD BENCHES

EX. WOOD BENCHES
EX. WOOD DOCK

"DOCKMASTER"
1 STORY
WOOD FRAME BUILDING

EX. WOOD DOCK

EX. WOOD BENCHES

313
7.17
FLY

FF ELEV
6.93

10" MAGNOLIA

10" MARLE

EX. CONC.

EX. HANDRAIL

CPT-08
0.00

36" ELMS

14" SYCAMORE
EX. CONC.

18" ELMS

EX. CONC. BULKHEAD

PS-0
0.00

EX. WOOD BENCHES

EX. BULKHEAD

EX. STONES

EX. PROPELLER SCULPTURE

GRAPHICAL SCALE: 1" = 10'

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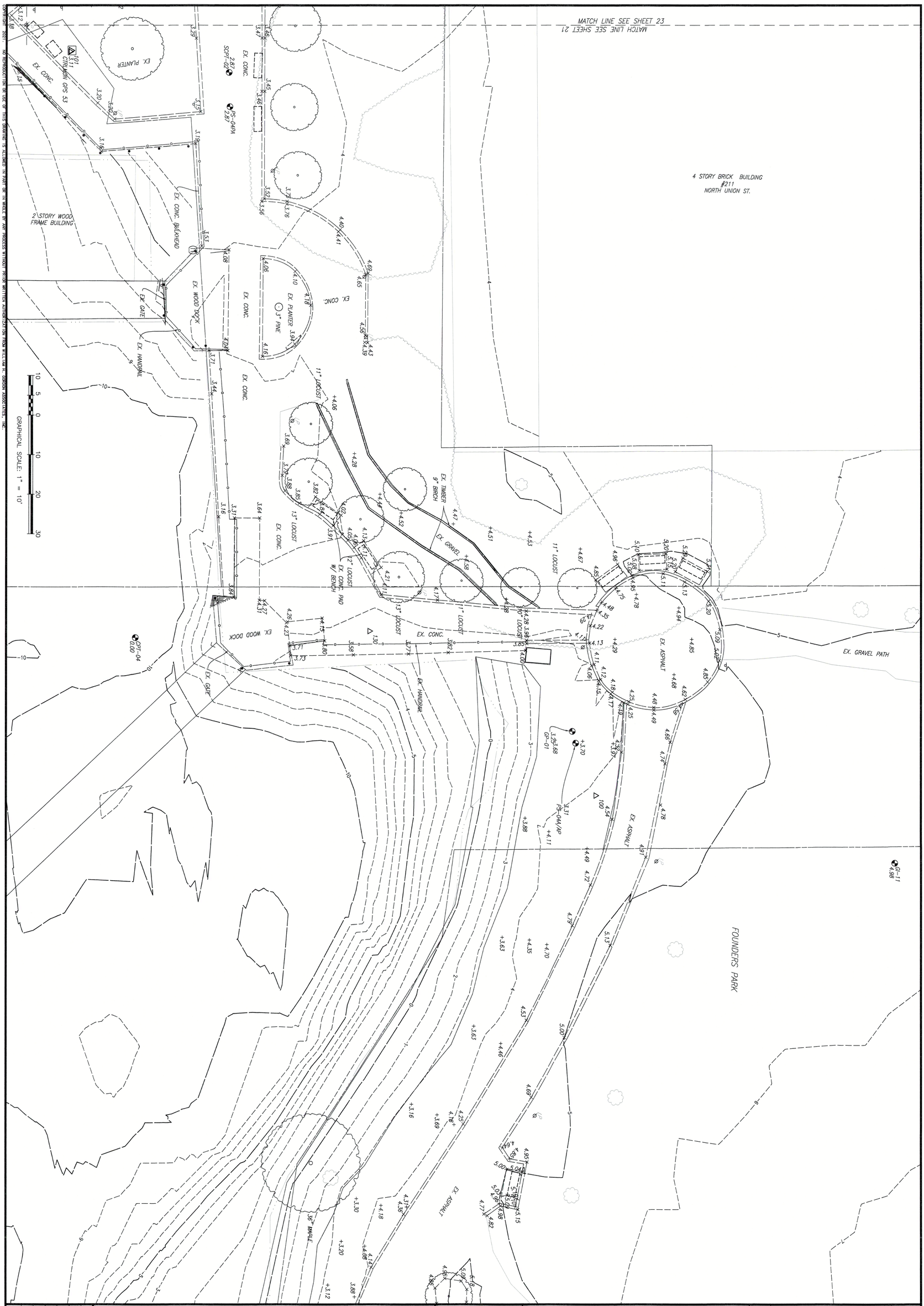

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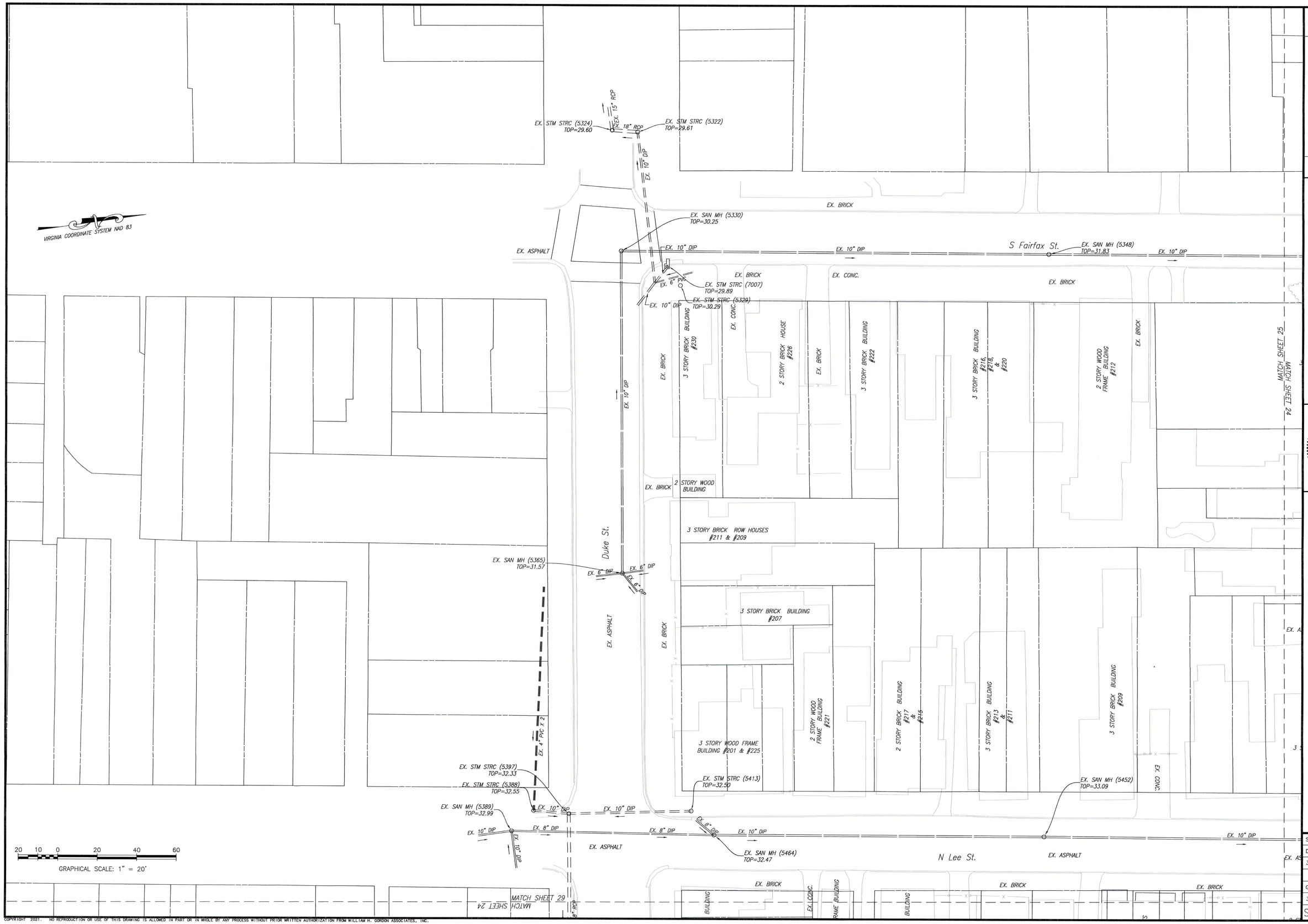

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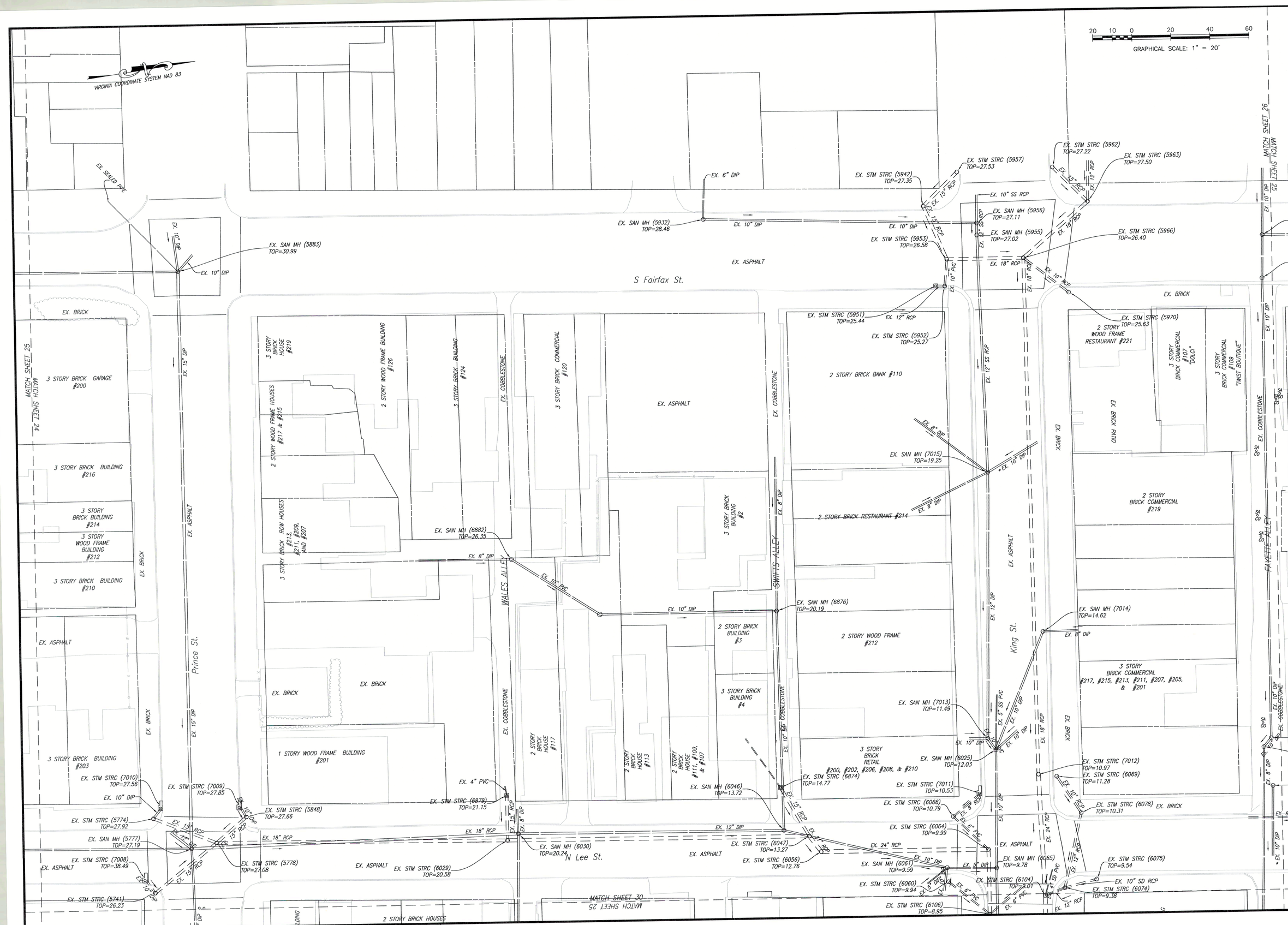

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VIRGINIA COORDINATE SYSTEM NAD 83

GRAPHICAL SCALE: 1" = 20'

MATCH SHEET 26

MATCH SHEET 25

MATCH SHEET 27

MATCH SHEET 31

EX. SAN MH (6024) TOP=29.25

EX. SAN MH (6347) TOP=28.90

EX. SAN MH (6354) TOP=30.58

EX. SAN MH (6362) TOP=30.25

EX. STM STRC (6361) TOP=30.25

EX. STM STRC (6363) TOP=30.14

EX. STM STRC (6364) TOP=30.70

EX. STM STRC (6367) TOP=30.29

EX. STM STRC (6379) TOP=29.85

EX. SAN MH (6374) TOP=30.01

EX. STM STRC (6373) TOP=30.31

EX. STM STRC (7020) TOP=29.67

EX. SAN MH (6414) TOP=30.91

EX. SAN MH (6905) TOP=23.49

EX. STM STRC (8083) TOP=21.70

EX. SAN MH (6885) TOP=12.94

EX. SAN MH (6884) TOP=12.68

EX. SAN MH (6883) TOP=11.07

EX. STM STRC (6099) TOP=10.18

EX. STM STRC (6287) TOP=13.76

EX. STM STRC (6286) TOP=13.53

EX. SAN MH (6285) TOP=12.95

EX. STM STRC (6298) TOP=13.34

EX. STM STRC (6300) TOP=13.31

EX. SAN MH (6284) TOP=11.77

EX. STM STRC (6282) TOP=11.36

EX. SAN MH (6311) TOP=14.12

EX. SAN MH (6494) TOP=15.34

N Fairfax St.

N Lee St.

CAMERON ST

FAYETTE ALLEY

3 STORY BRICK COMMERCIAL #111

3 STORY BRICK COMMERCIAL #113

2 STORY BRICK BUILDING "Burke & Herbert Bank" #117

2 STORY BRICK BUILDING "CARLYLE HOUSE MUSEUM" #117

3 STORY BRICK BUILDING

3 STORY BRICK BUILDING #133

AREA UNDER CONSTRUCTION

WOOD FRAME SHED

2 STORY BRICK BUILDING #106

4 STORY BRICK COMMERCIAL BUILDING #215, #217, #201, & #203

2 STORY BRICK RESTAURANT #213

2 STORY BRICK BUILDING #211

2 STORY WOOD FRAME BUILDING #205

2 STORY BRICK BUILDING #203

2 STORY WOOD FRAME BUILDING #201

2 STORY BRICK BUILDING #207 & #207A

3 STORY BRICK BUILDING #209 & #211

2 STORY BRICK BUILDING #210

3 STORY BRICK BUILDING #212

3 STORY BRICK BUILDING #214

3 STORY BRICK BUILDING #213 & #215

2 STORY WOOD FRAME BUILDING #219 & #221

3 STORY BRICK BUILDING #216

1 STORY BRICK RESTAURANT

16" OAK

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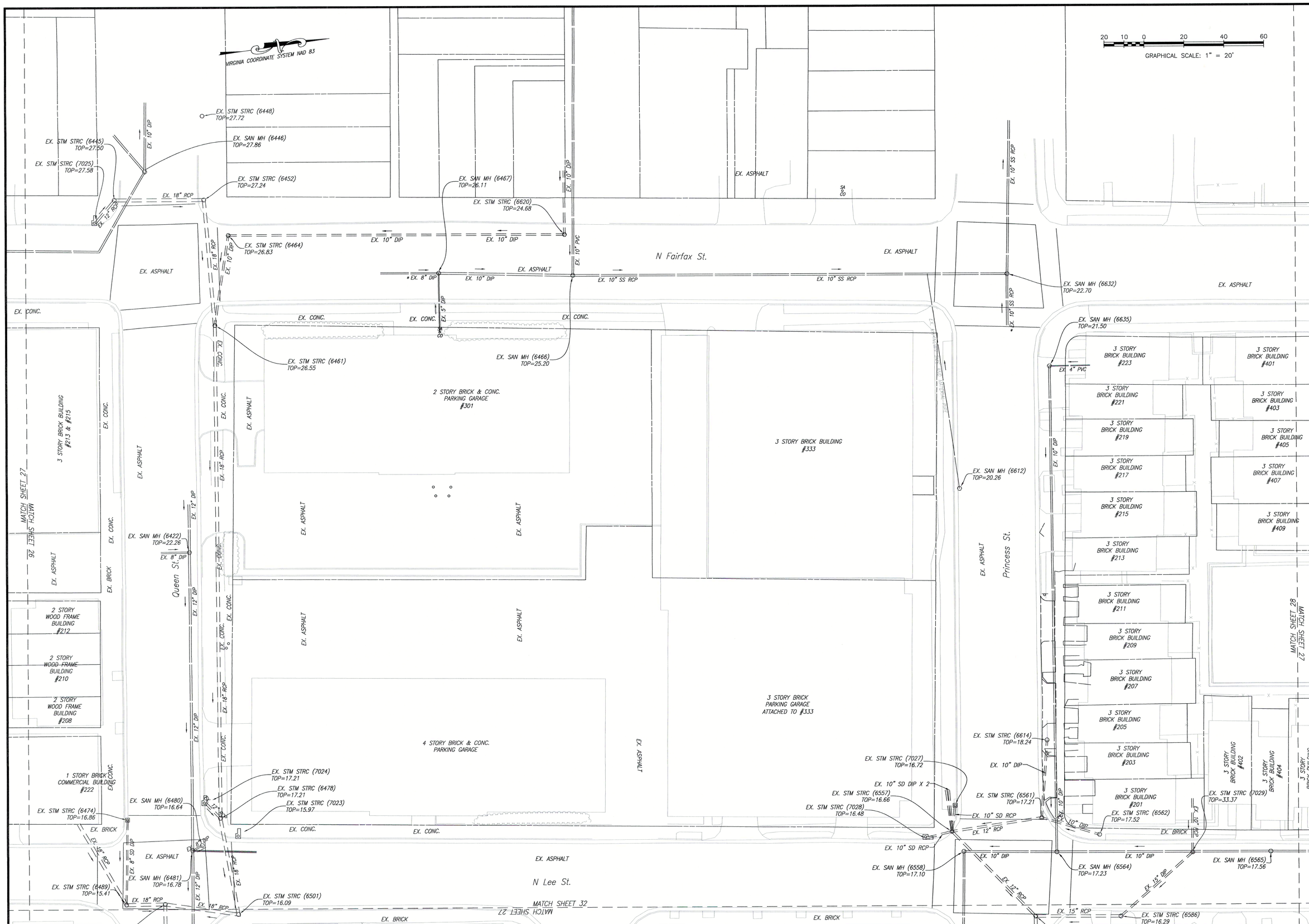

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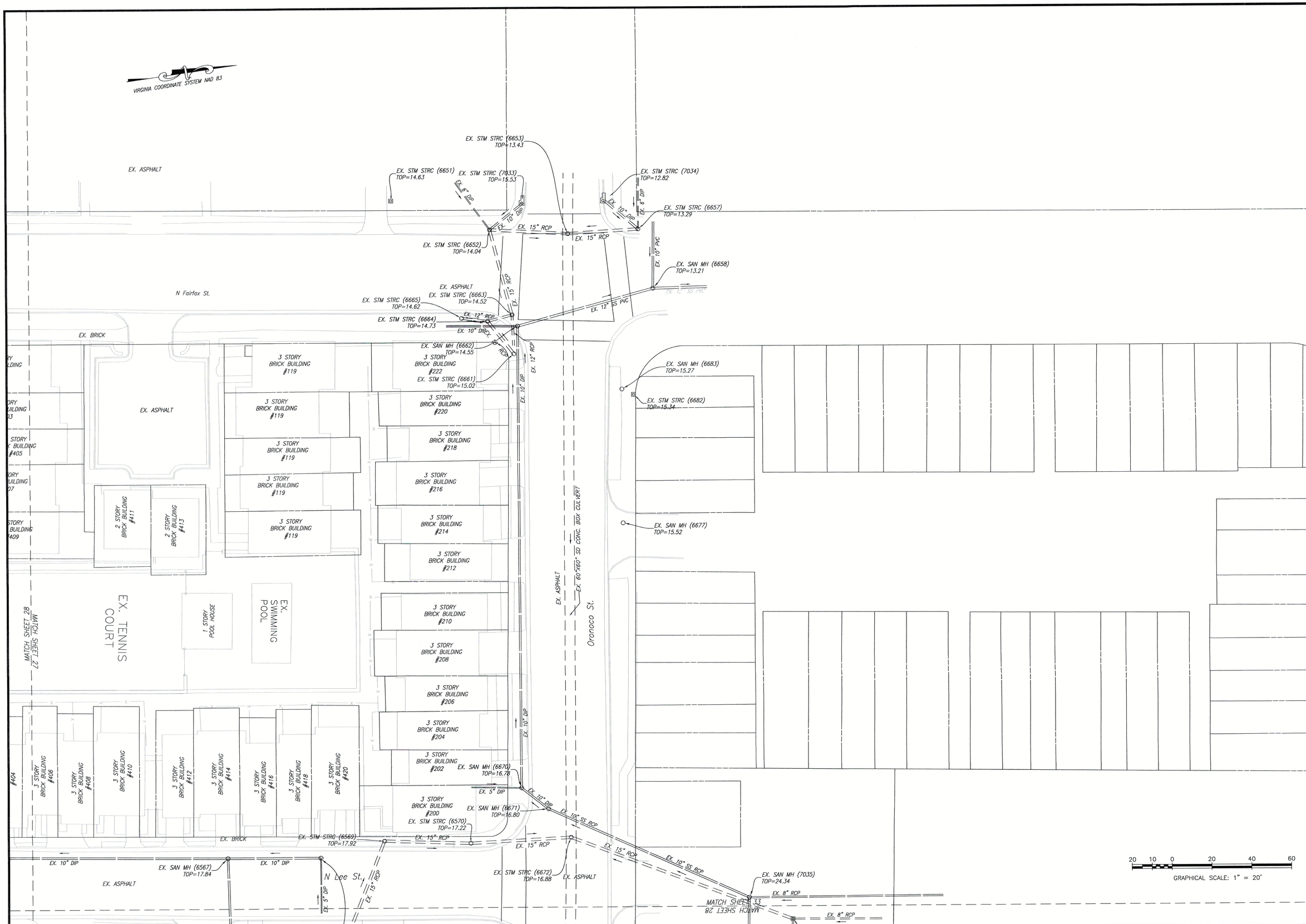

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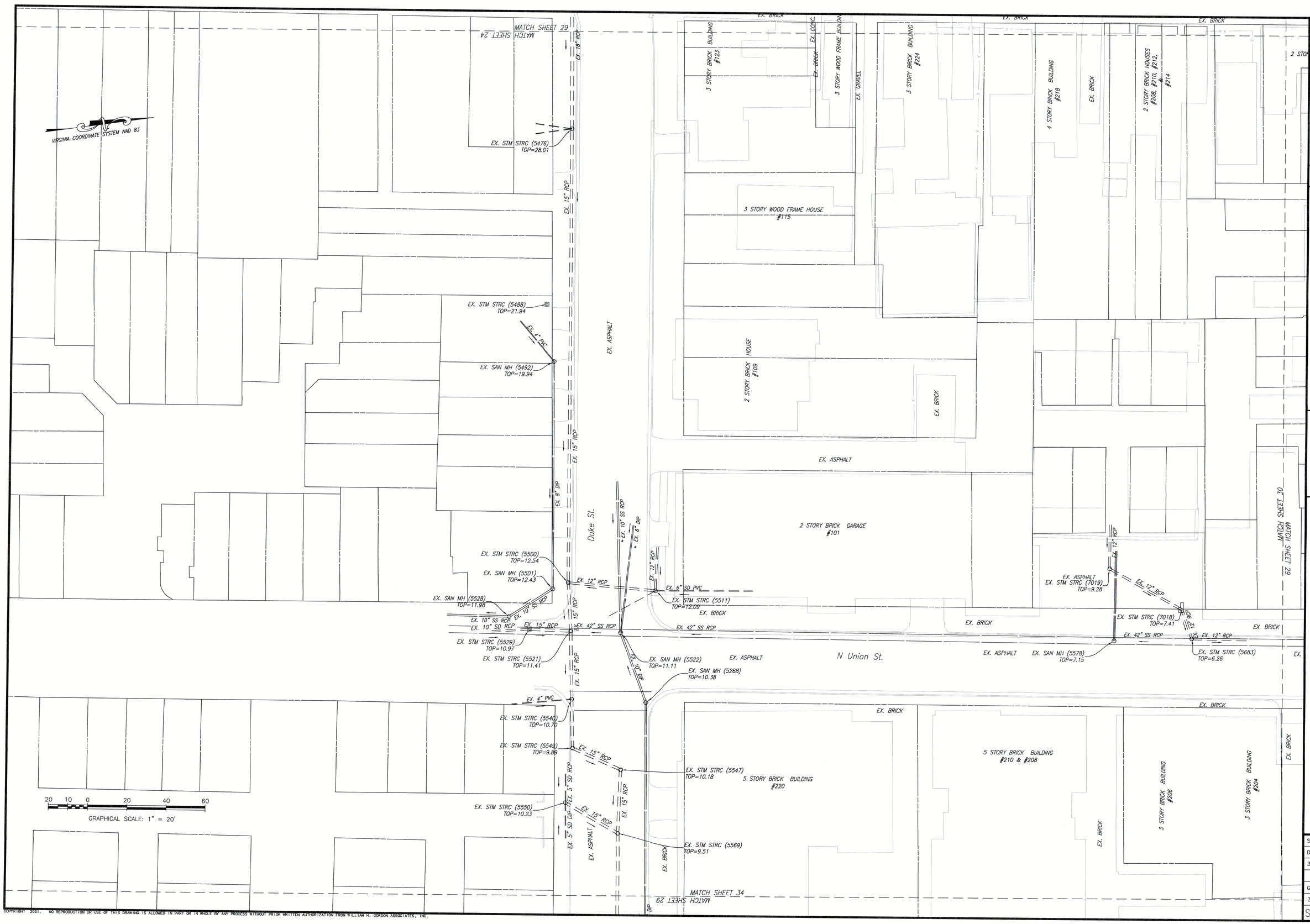

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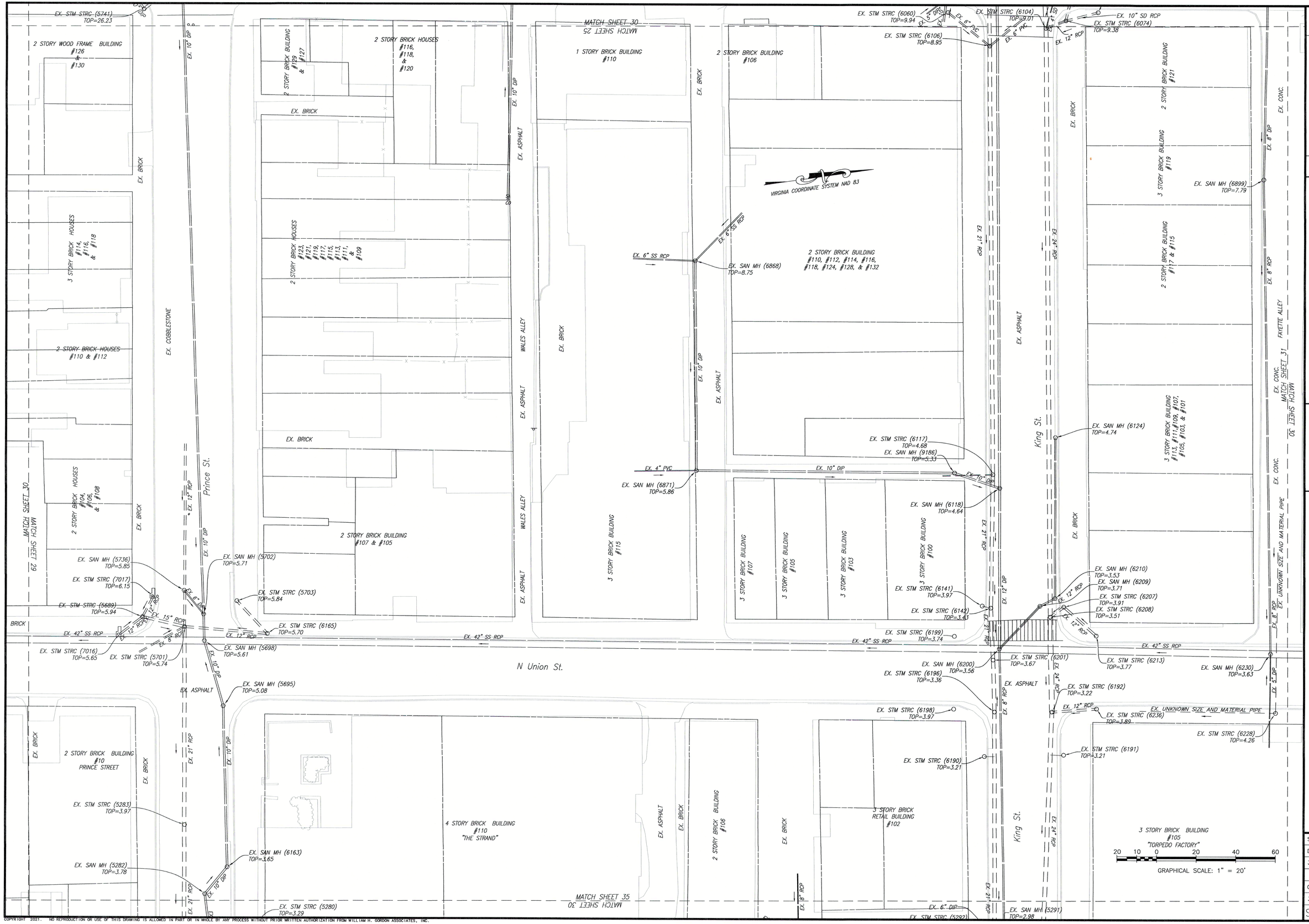

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OF

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SCALE: 1" = 20'
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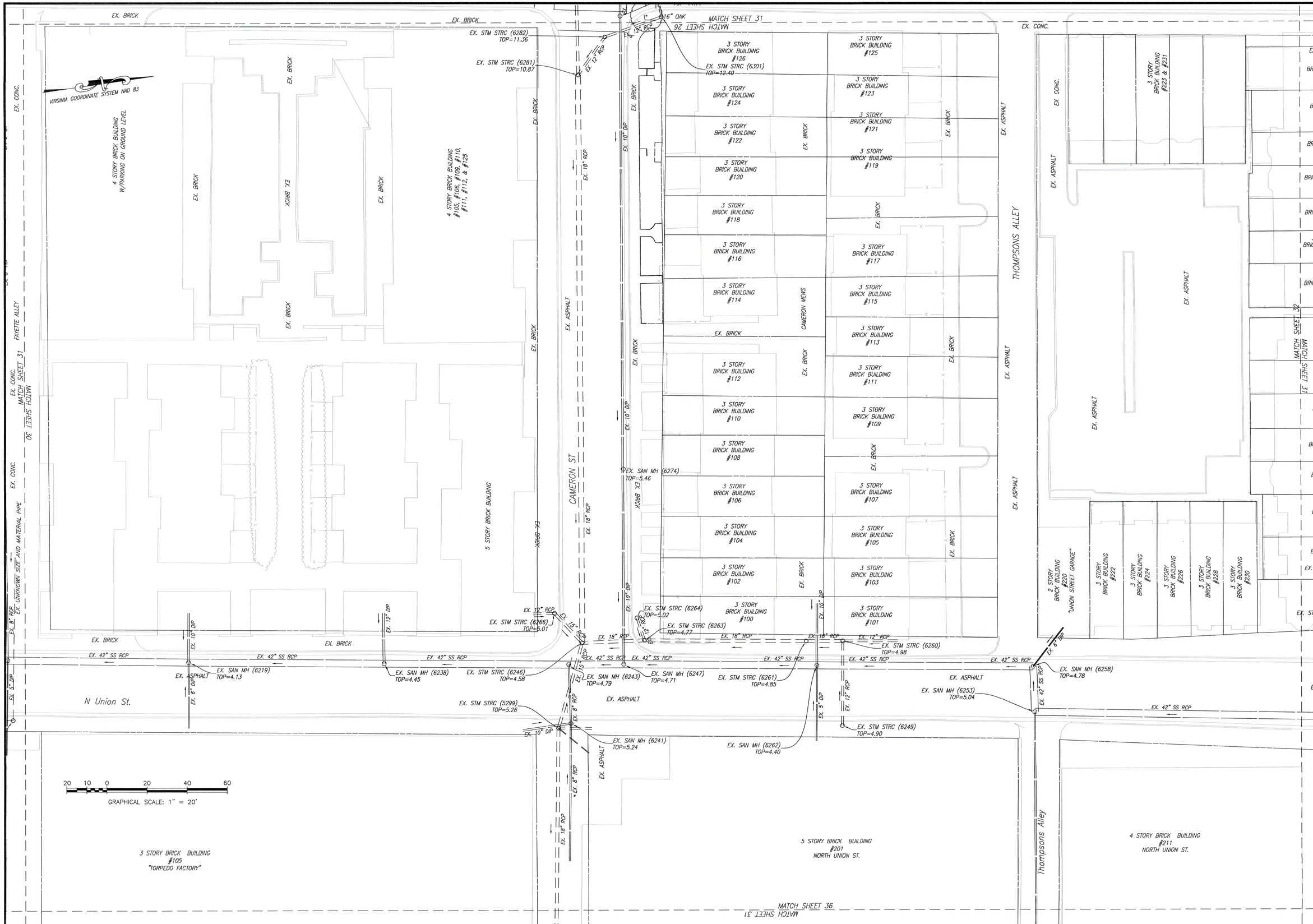

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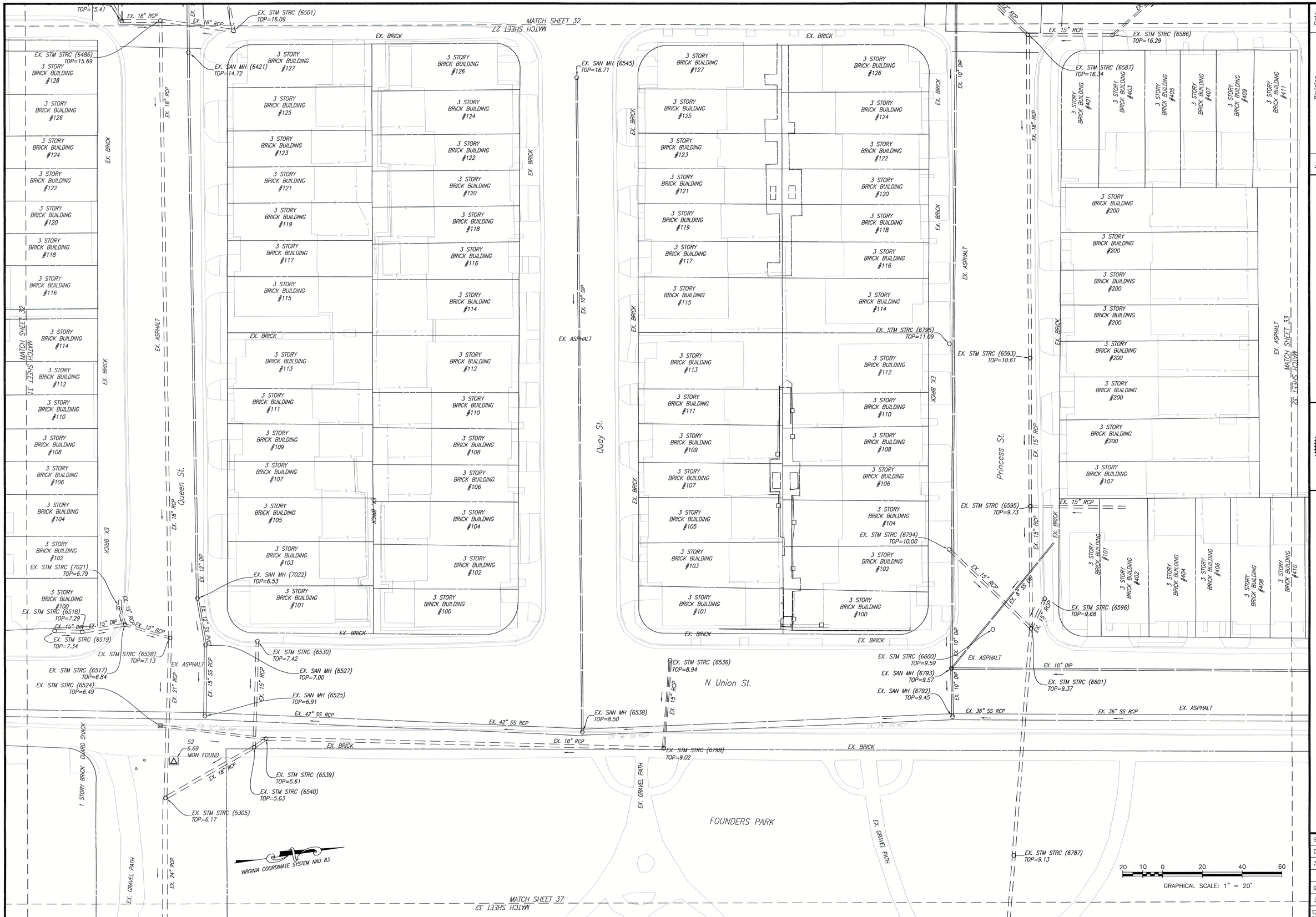

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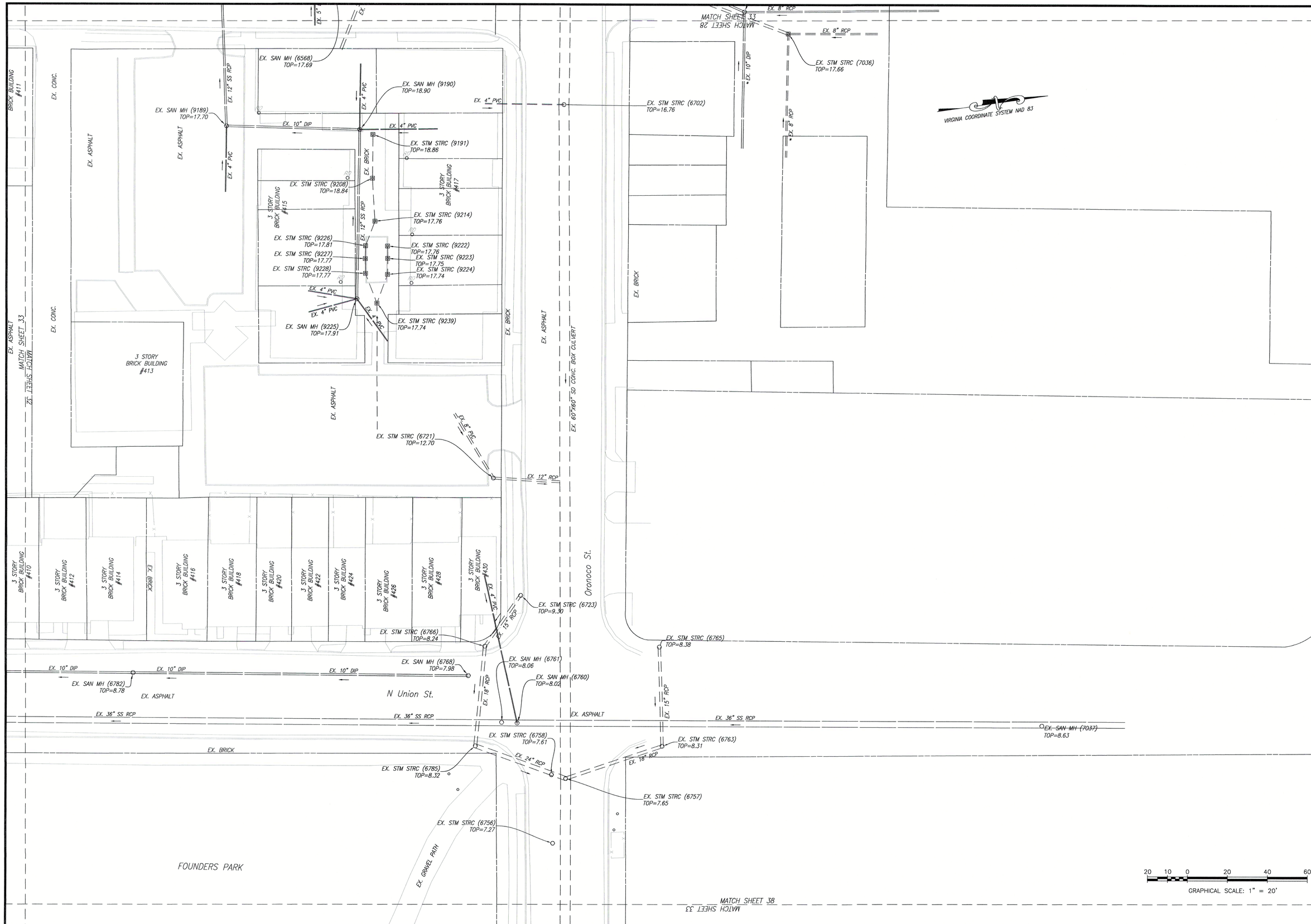

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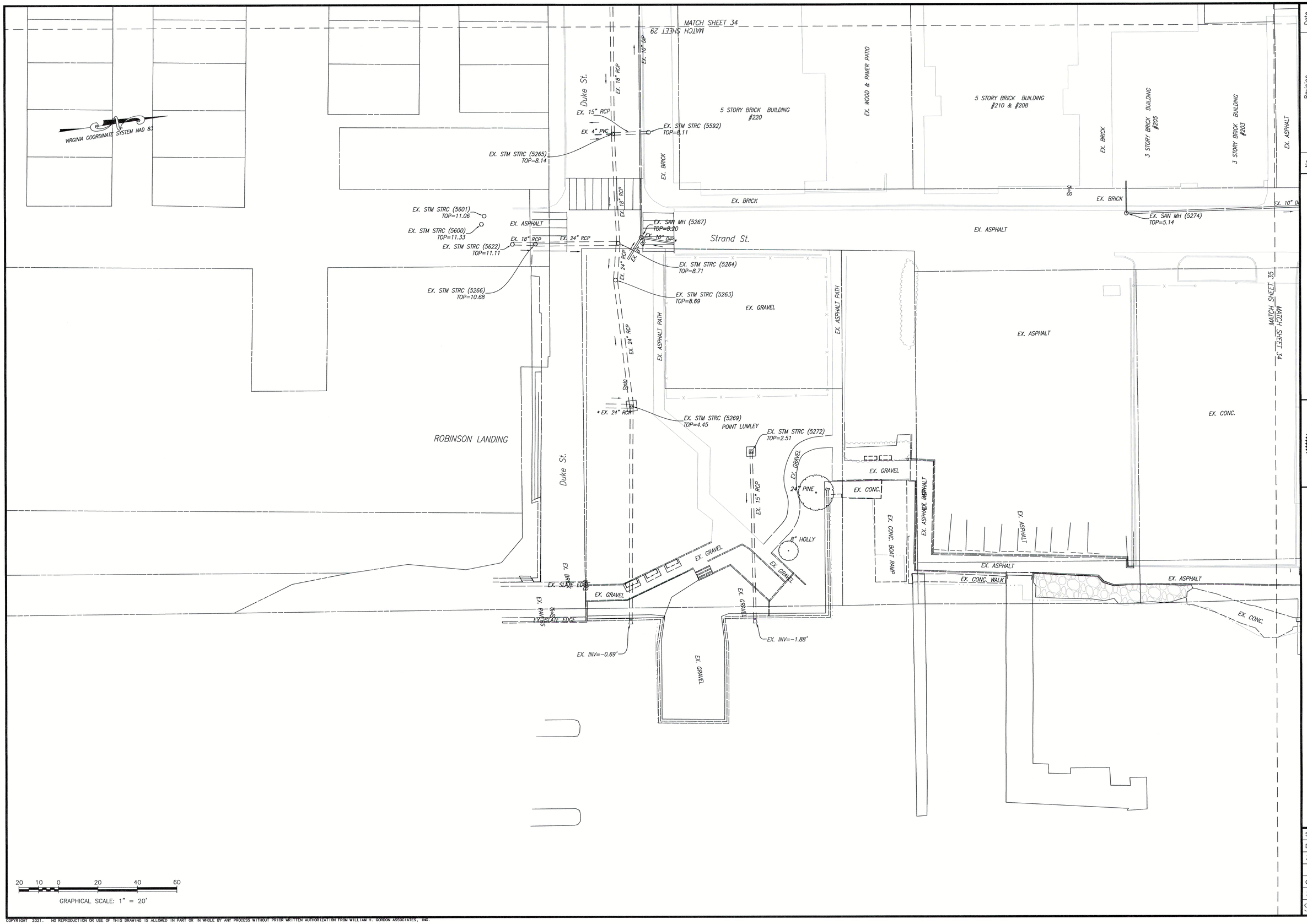

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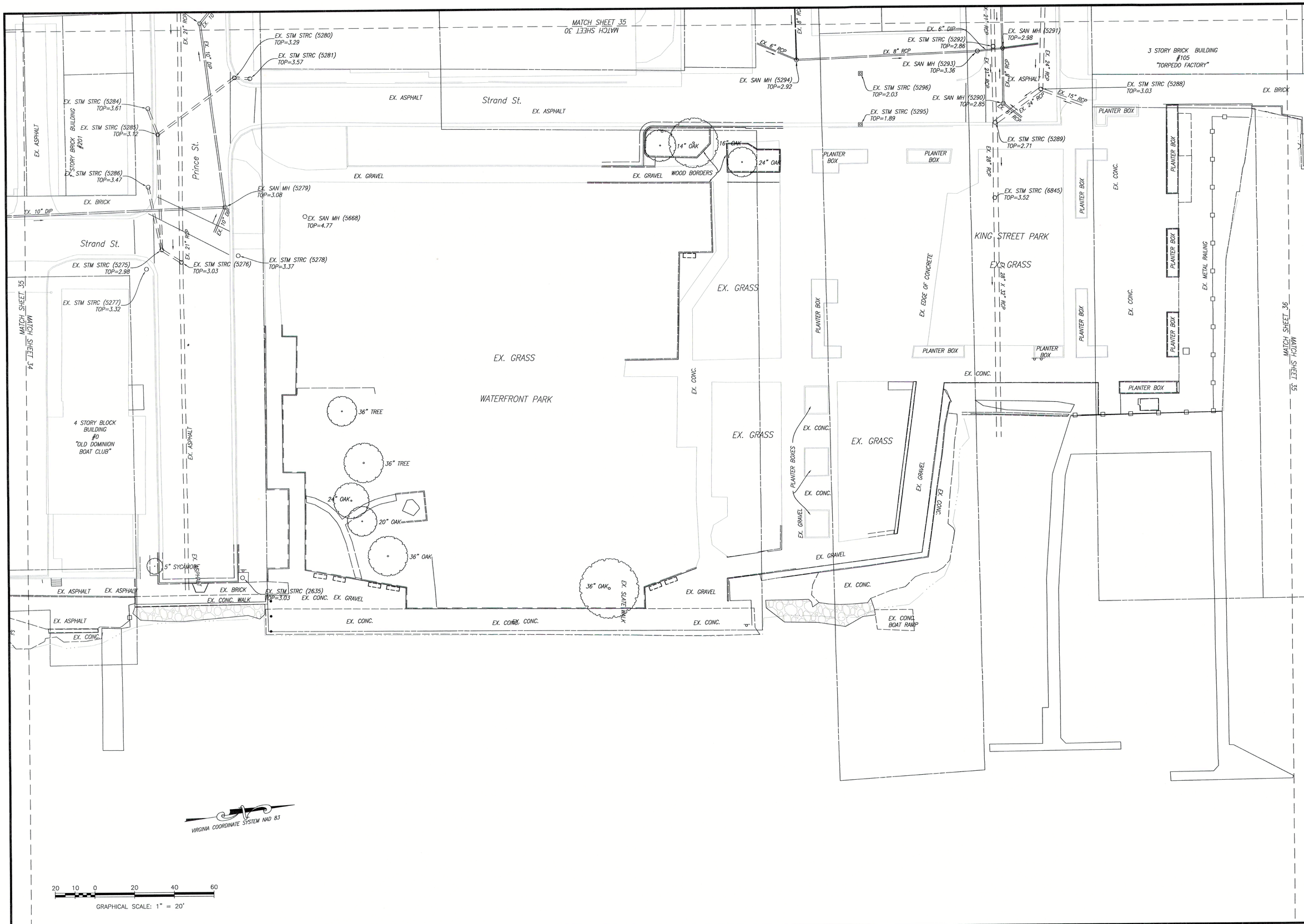

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MATCH SHEET 36

MATCH SHEET 31

3 STORY BRICK BUILDING
#105
"TORPEDO FACTORY"

EX. BRICK

BRICK

EX. INV=6.79' 6" DIP
NO CONNECTION FOUND

EX. METAL RAILING

EX. RECYCLED MATERIAL DECKING

EX. STM STRC (6836)
TOP=7.07

EX. STM STRC (5298)
TOP=7.10

EX. STM STRC (6829)
TOP=8.70

EX. STM STRC (6830)
TOP=8.92

EX. 12" SD DIP

EX. STM STRC (6827)
TOP=8.63

EX. STM STRC (6828)
TOP=8.74

EX. STM STRC (6831)
TOP=8.80

EX. 18" RCP

EX. BRICK

EX. RECYCLED MATERIAL DECKING

EX. STM STRC (6826)
TOP=6.76

EX. STM STRC (6825)
TOP=6.99

EX. STM STRC (6822)
TOP=6.31

EX. BRICK

EX. WOOD DECK

EX. WOOD DECK

VIRGINIA COORDINATE SYSTEM NAD 83

MATCH SHEET 35

"BLACKWALL HITCH"
2 STORY BRICK RESTAURANT W/ UNDERGROUND PARKING
#5
CAMERON ST.

EX. BRICK

EX. BRICK

EX. BRICK

EX. BRICK

EX. 8" DIP

Thompsons Alley

4 STORY BRICK BUILDING
#211
NORTH UNION ST.

9" BIRCH

11" LOCUST

11" LOCUST

EX. CONC.

EX. PLANTER
3" PINE

EX. CONC.

EX. CONC.

EX. CONC.

EX. SAN MH (5301)
TOP=3.26

EX. BRICK

EX. 8" DIP

EX. WOOD DECK

16" SYCAMORE

EX. PLANTER

53
3.21
CITRUS ON GPS 53

2 STORY WOOD
FRAME BUILDING

36" ELMS

14" SYCAMORE

EX. CONC.

"CHARTHOUSE"
1 STORY FRAME RESTAURANT
#1
CAMERON ST.

11" MULBERRY

18" ELMS

10" MAGNOLIA

10" MAPLE

EX. CONC.

EX. BRICK

EX. CONC.

EX. CONC.

EX. CONC.

EX. CONC.

INACCESSIBLE
TRENCH DRAIN

EX. RECYCLED MATERIAL DECKING

EX. WOOD DECK

EX. WOOD DECK

"DOCKMASTER"
1 STORY
WOOD FRAME BUILDING

EX. WOOD DECK

MATCH SHEET 37

MATCH SHEET 36

20 10 0 20 40 60

GRAPHICAL SCALE: 1" = 20'

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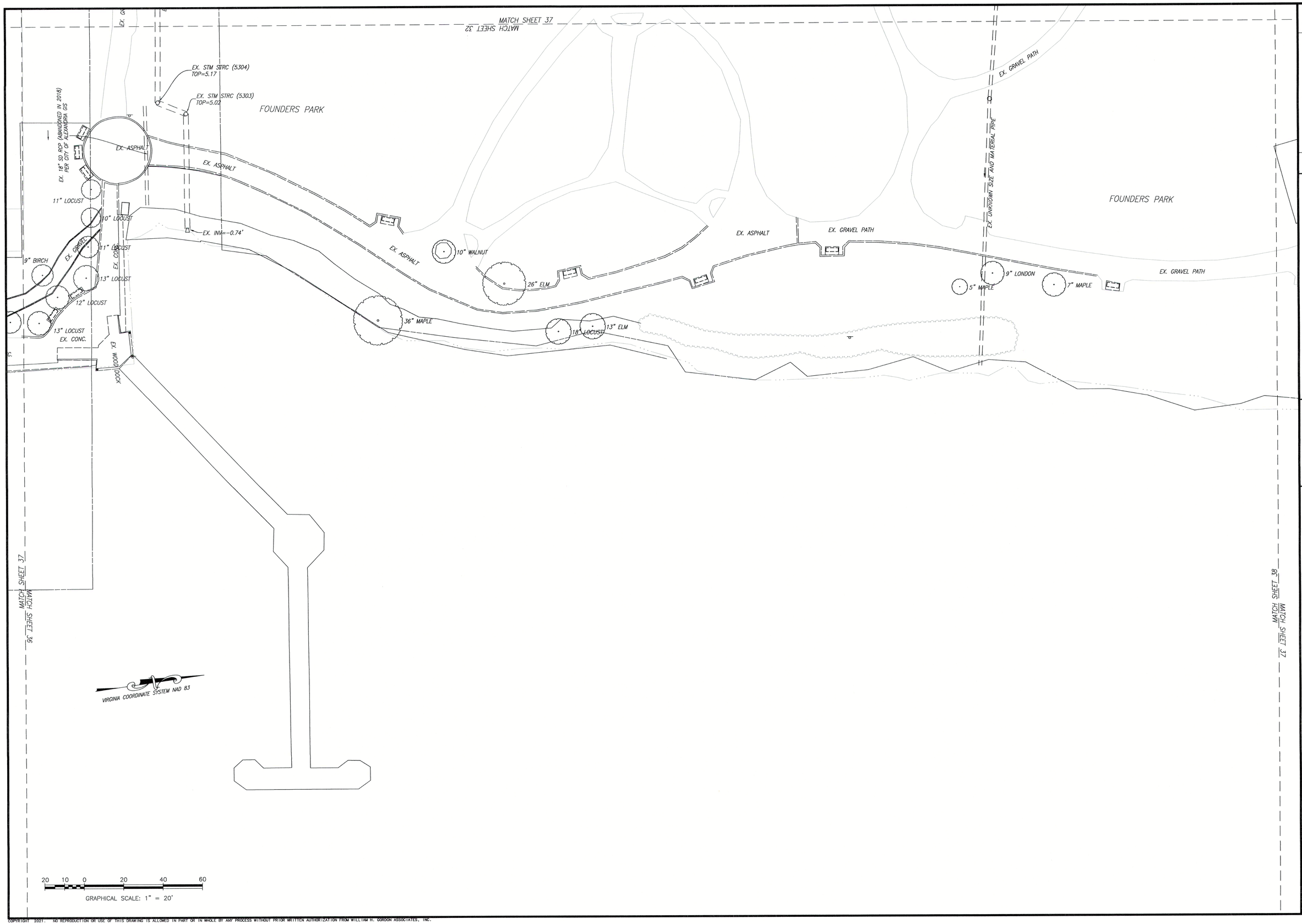

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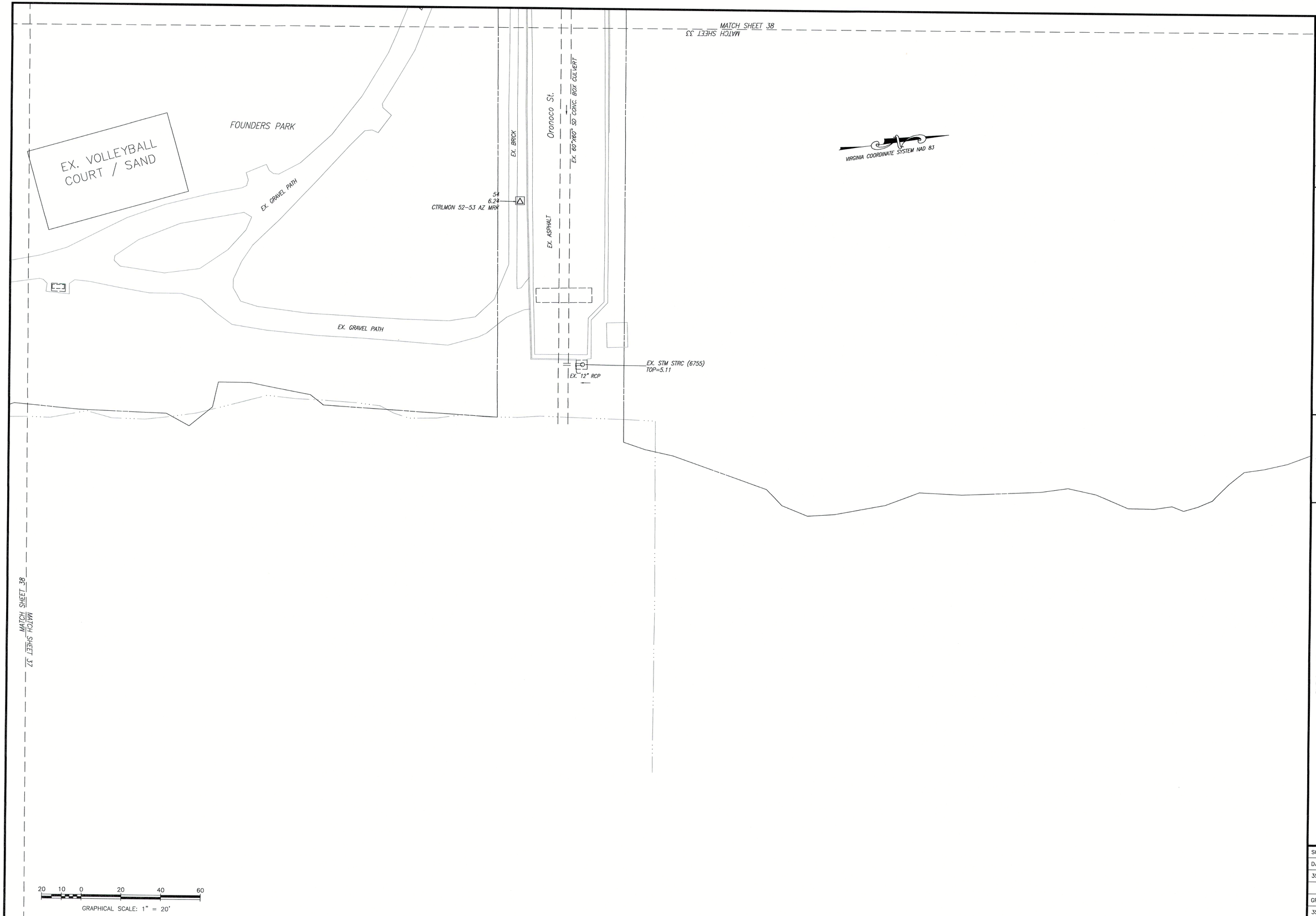

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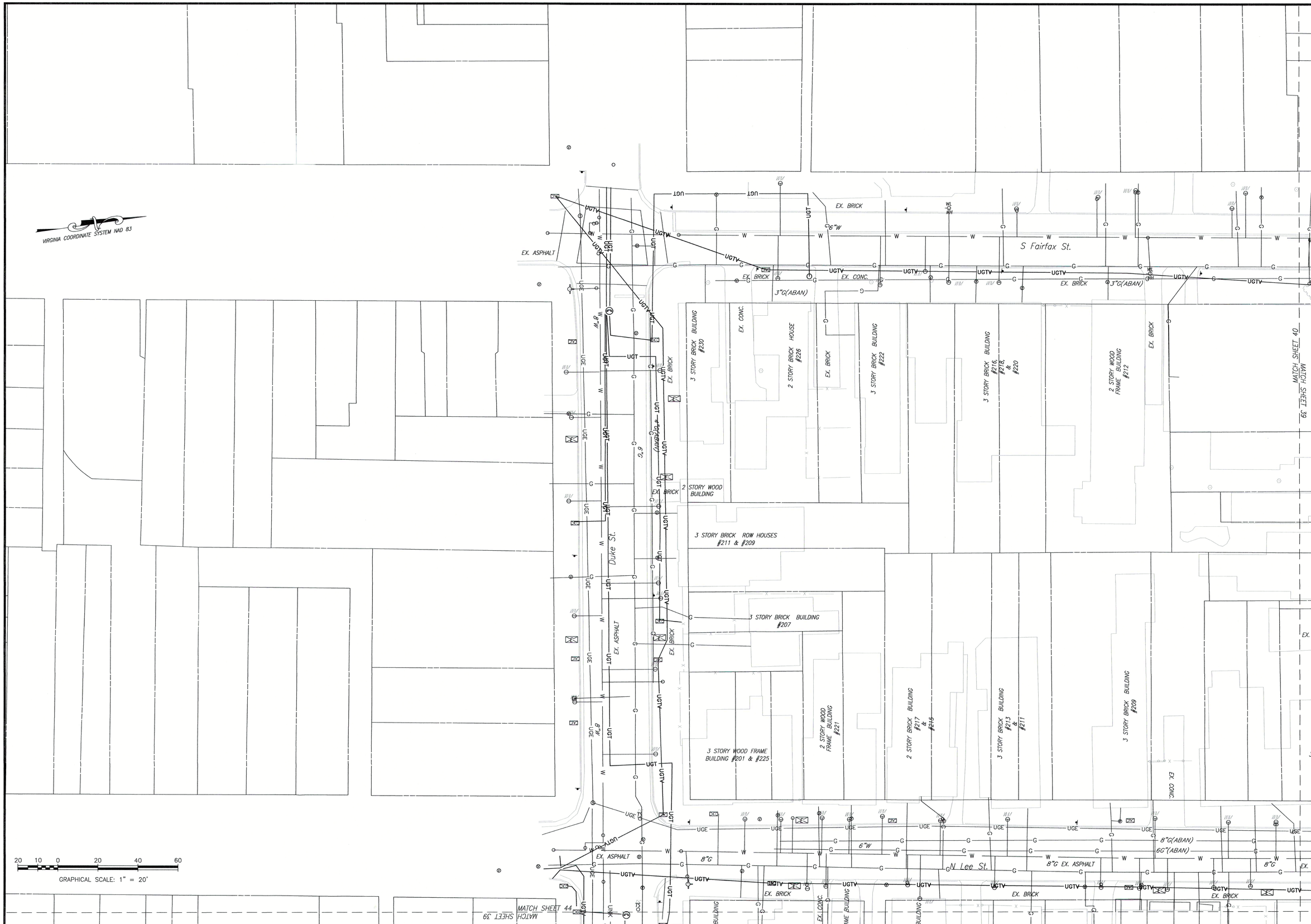

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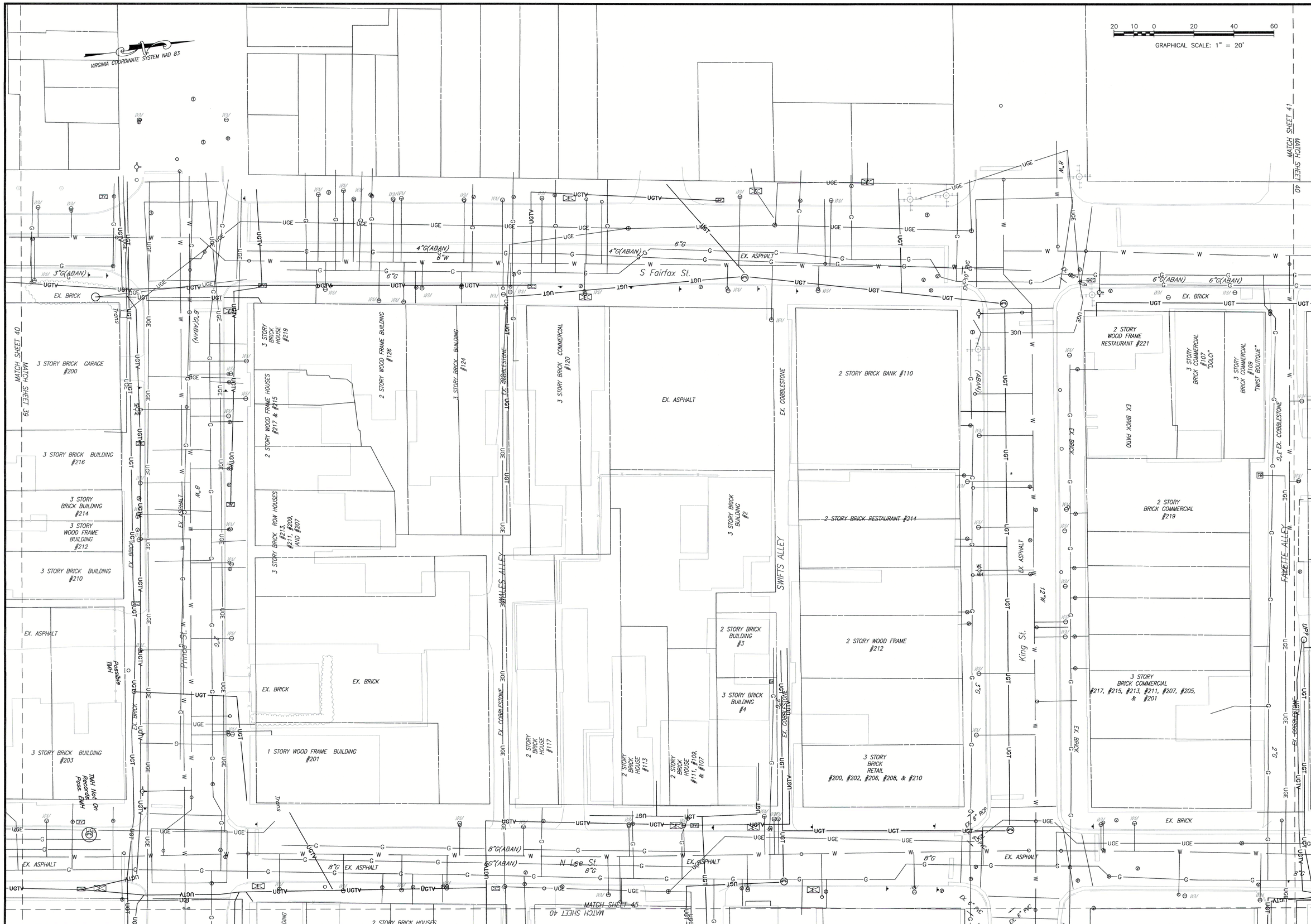

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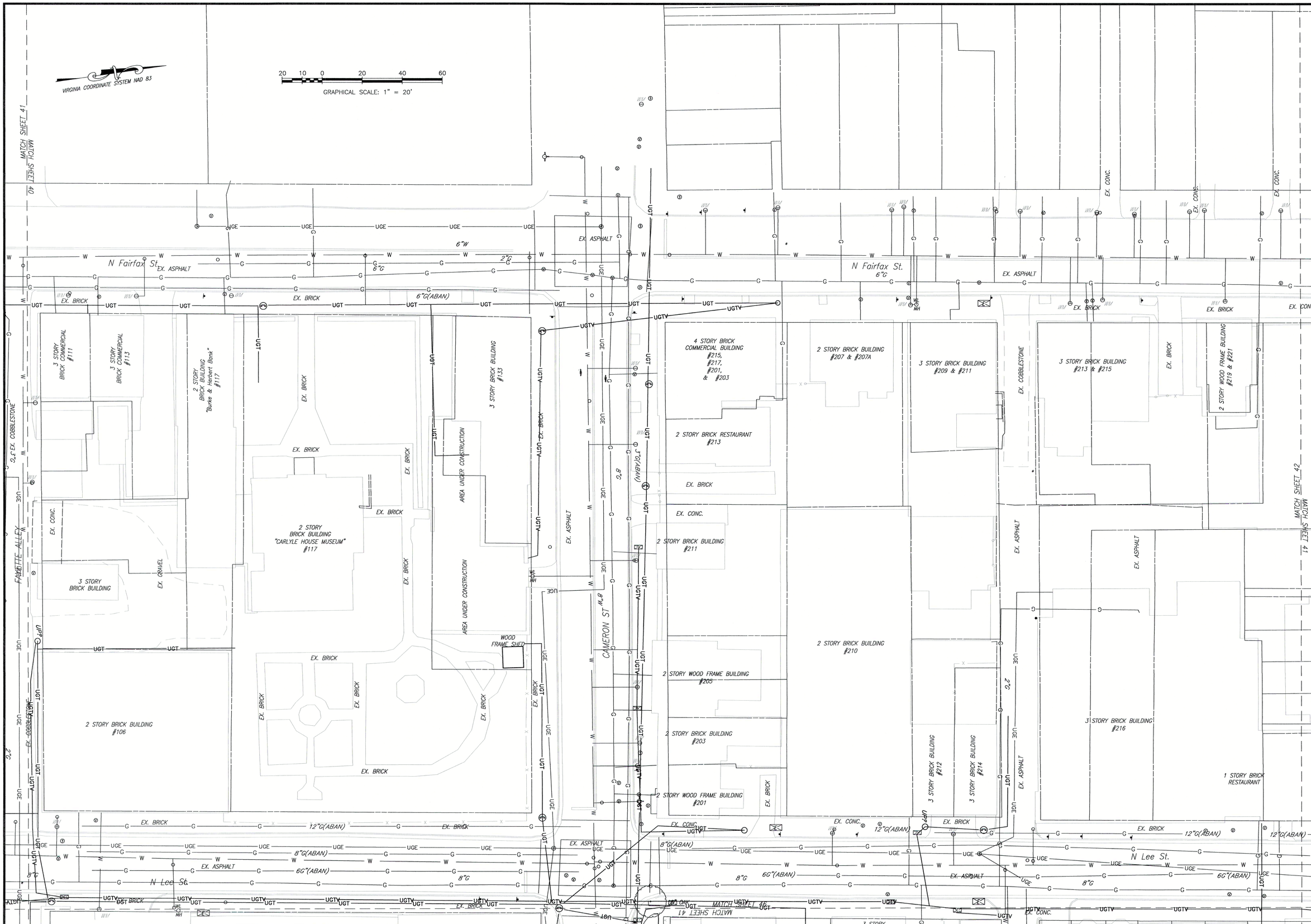

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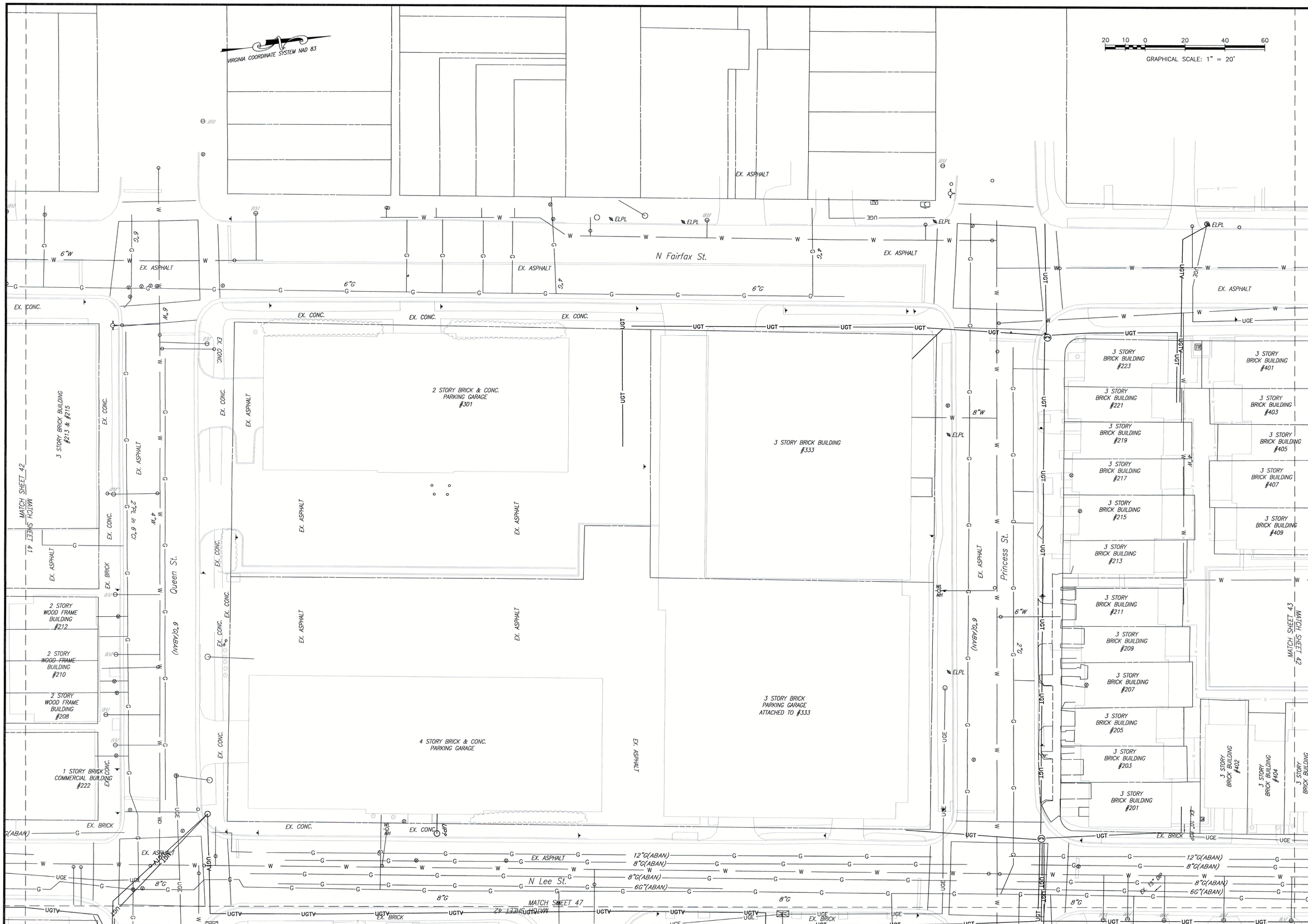

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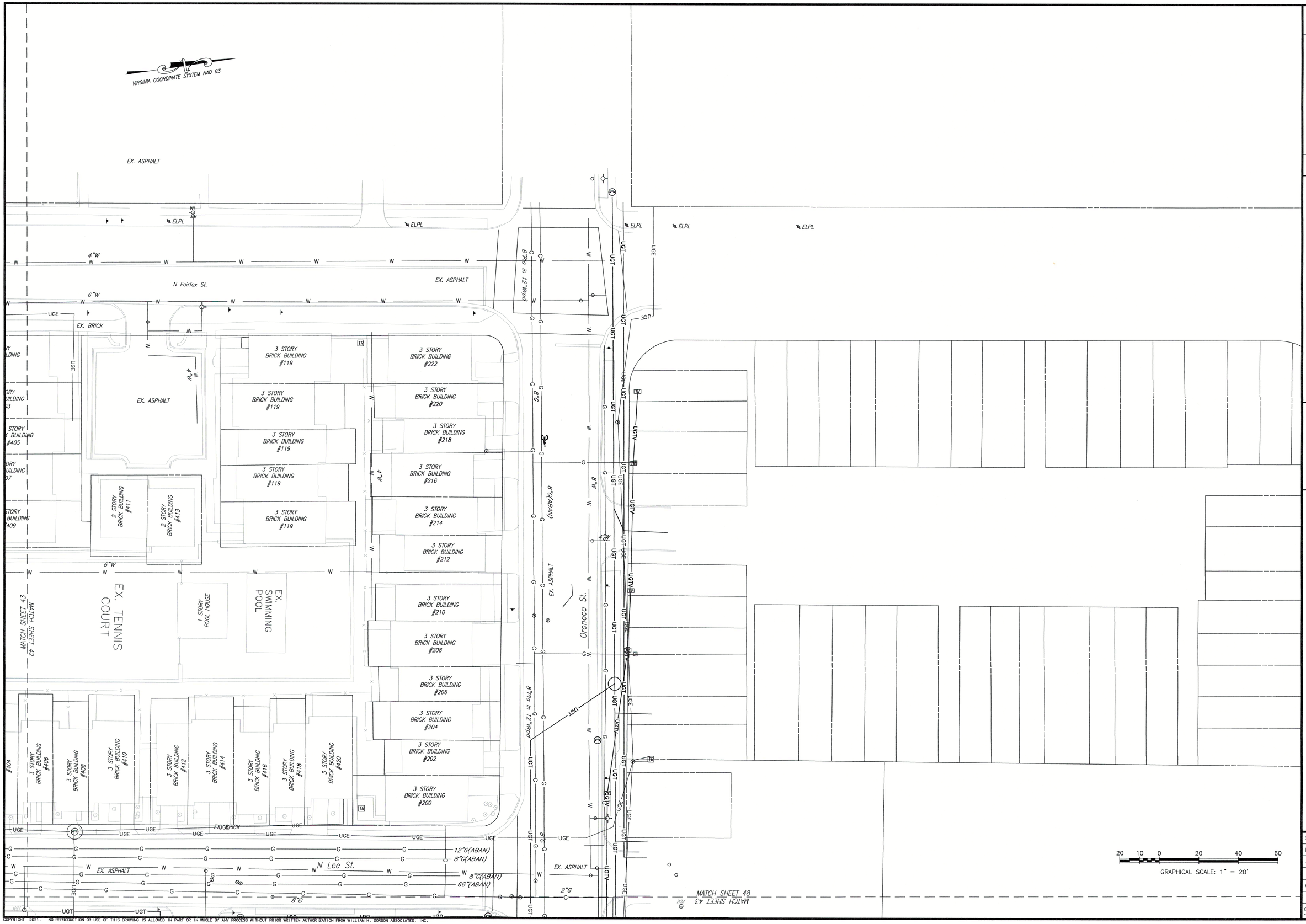

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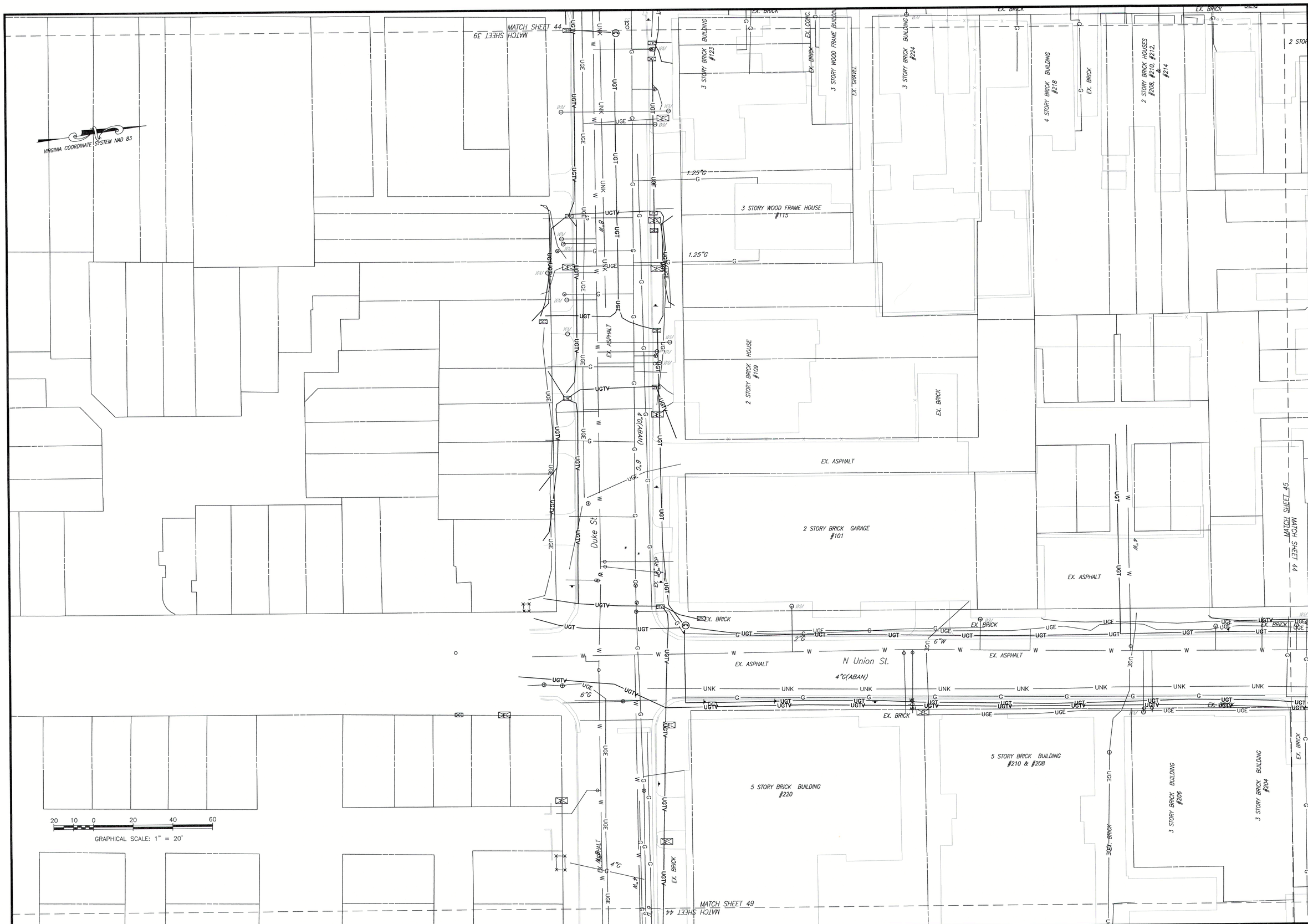

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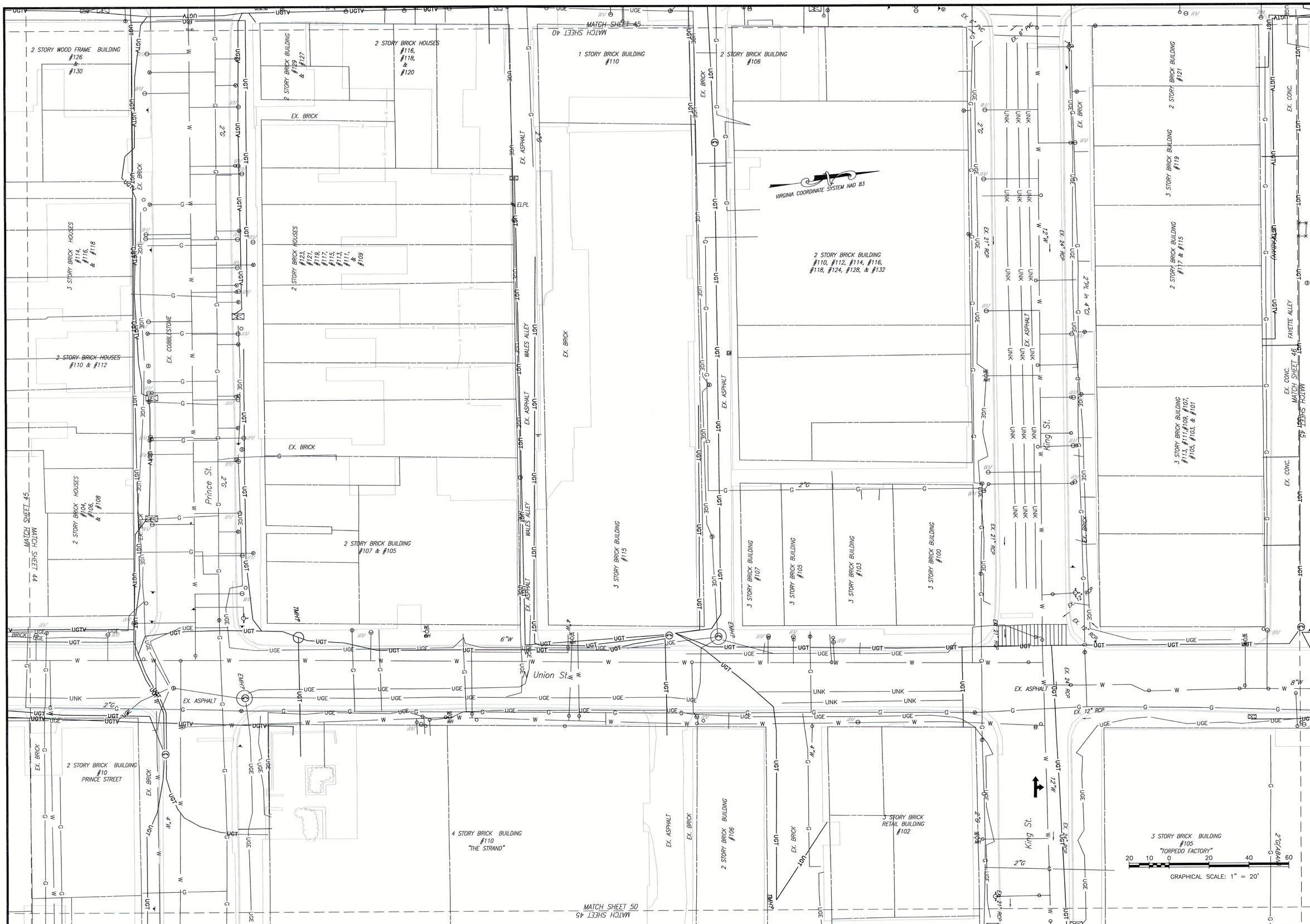

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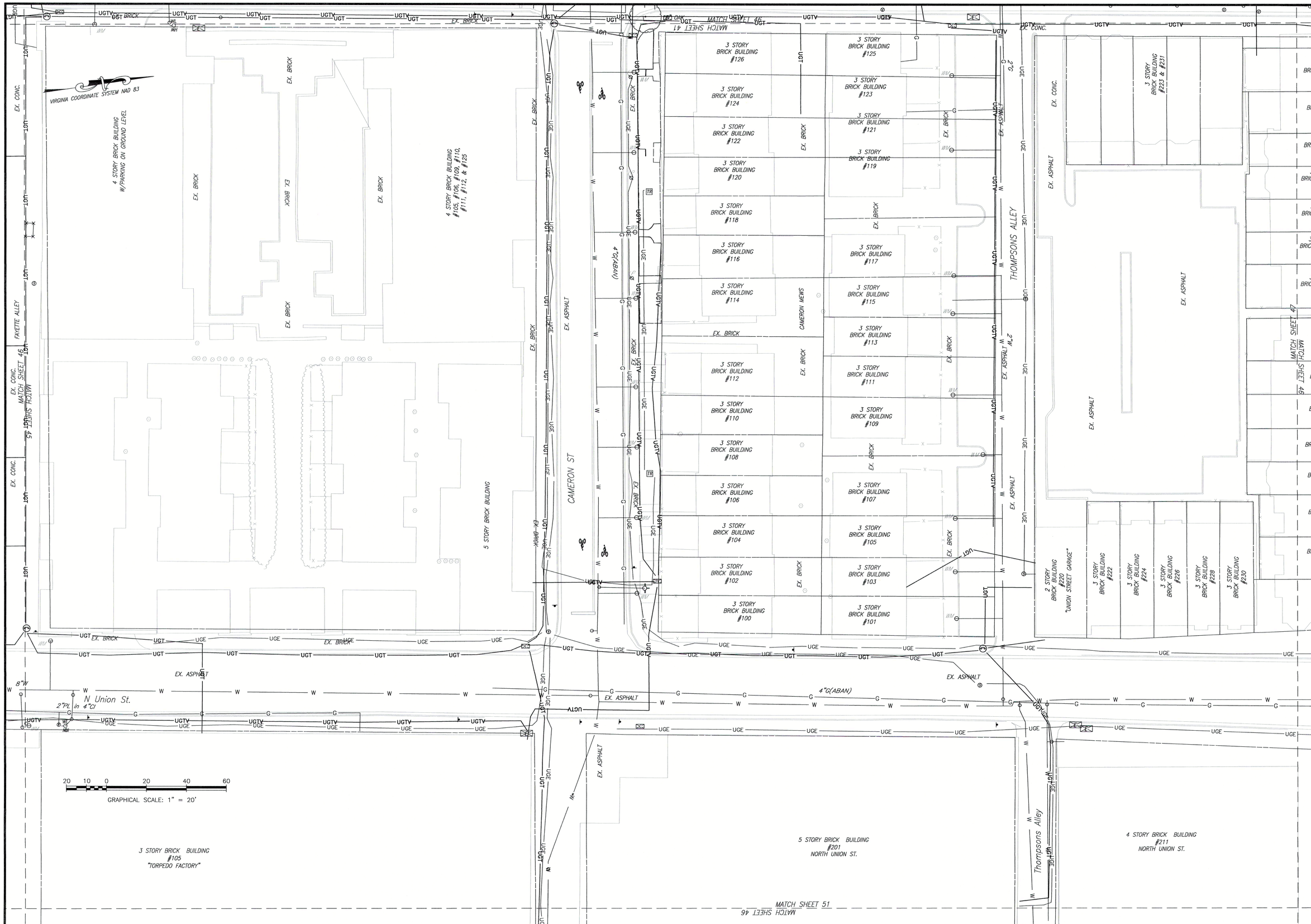

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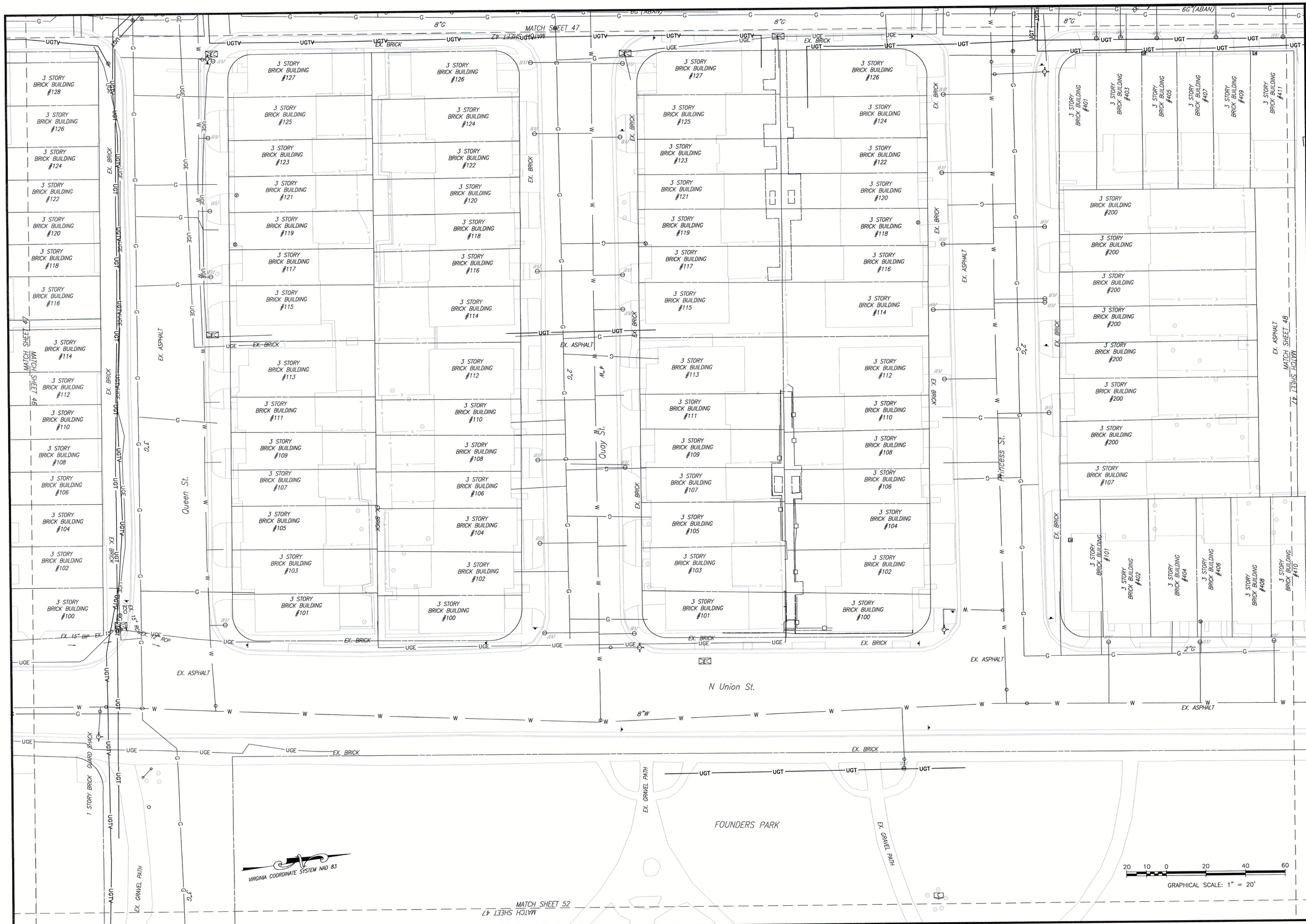

No.	Revision	Date
1.	PER CITY OF ALEXANDRIA COMMENTS	04/26/22

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COMMONWEALTH OF VIRGINIA
05/17/22
KEVIN D. NELSON
Lic. No. 002419
LAND SURVEYOR

PLAT SHOWING
TOPOGRAPHICAL SURVEY
OF
ALEXANDRIA WATERFRONT IMPROVEMENTS

SCALE: 1" = 20'
DATE: 12/9/2021
3560-0101

GR III
3560-0101_T002

SHEET 47 OF 57

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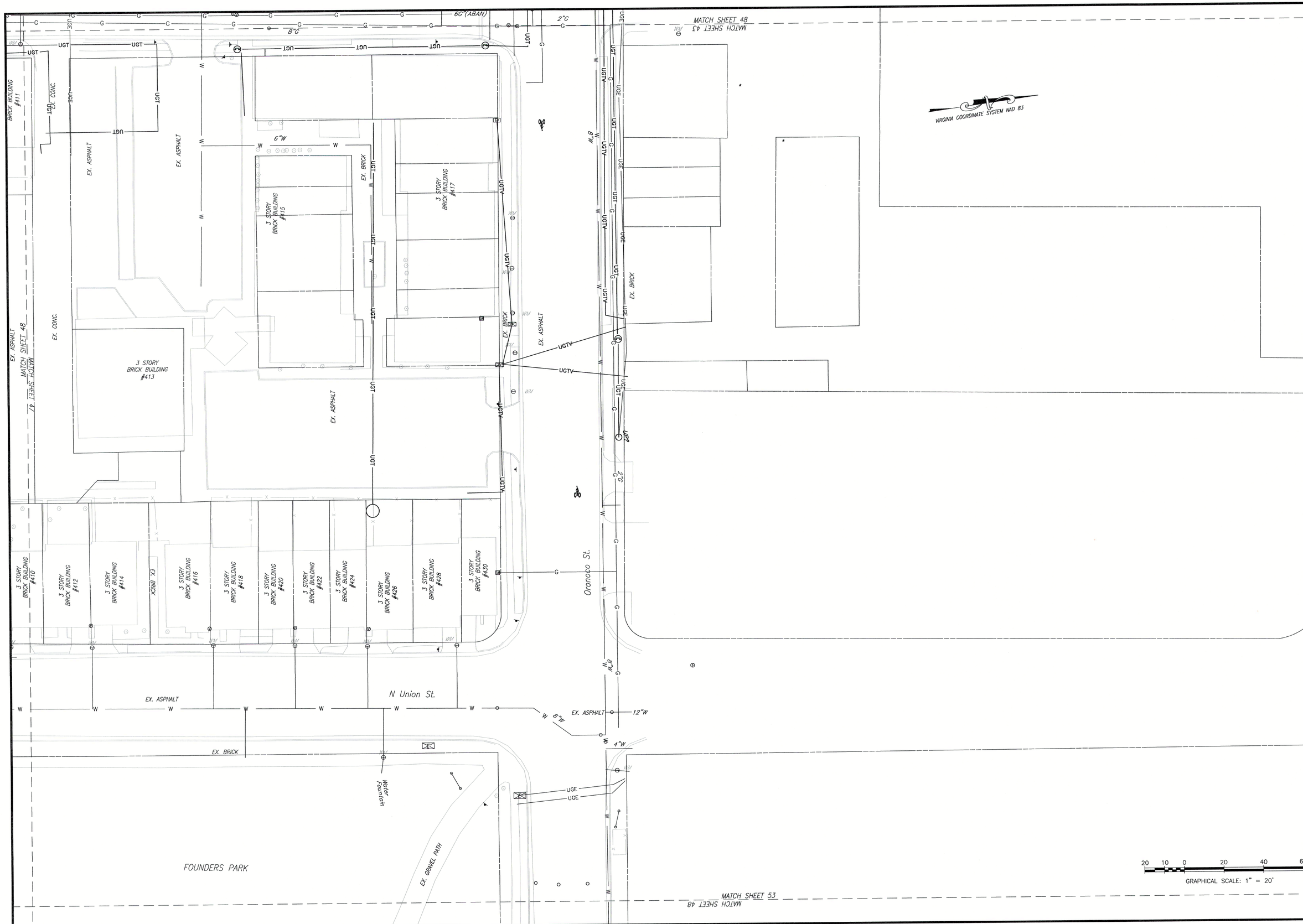

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MATCH SHEET 49
MATCH SHEET 44
VIRGINIA COORDINATE SYSTEM NAD 83
ROBINSON LANDING
Duke St.
Strand St.
5 STORY BRICK BUILDING #220
EX. WOOD & PAVER PATIO
5 STORY BRICK BUILDING #210 & #208
3 STORY BRICK BUILDING #205
3 STORY BRICK BUILDING #203
EX. BRICK
EX. ASPHALT
EX. GRAVEL
EX. ASPHALT PATH
EX. ASPHALT PATH M.H.
POINT LUMLEY
EX. CONC.
EX. CONC. BOAT RAMP
EX. CONC. WALK
24" PINE
8" HOLLY
EX. SLATE EDGE
EX. PAVERS
3"G(ABAN)
4"G(ABAN)
6"W
2"G
MATCH SHEET 50
MATCH SHEET 49

20 10 0 20 40 60
GRAPHICAL SCALE: 1" = 20'

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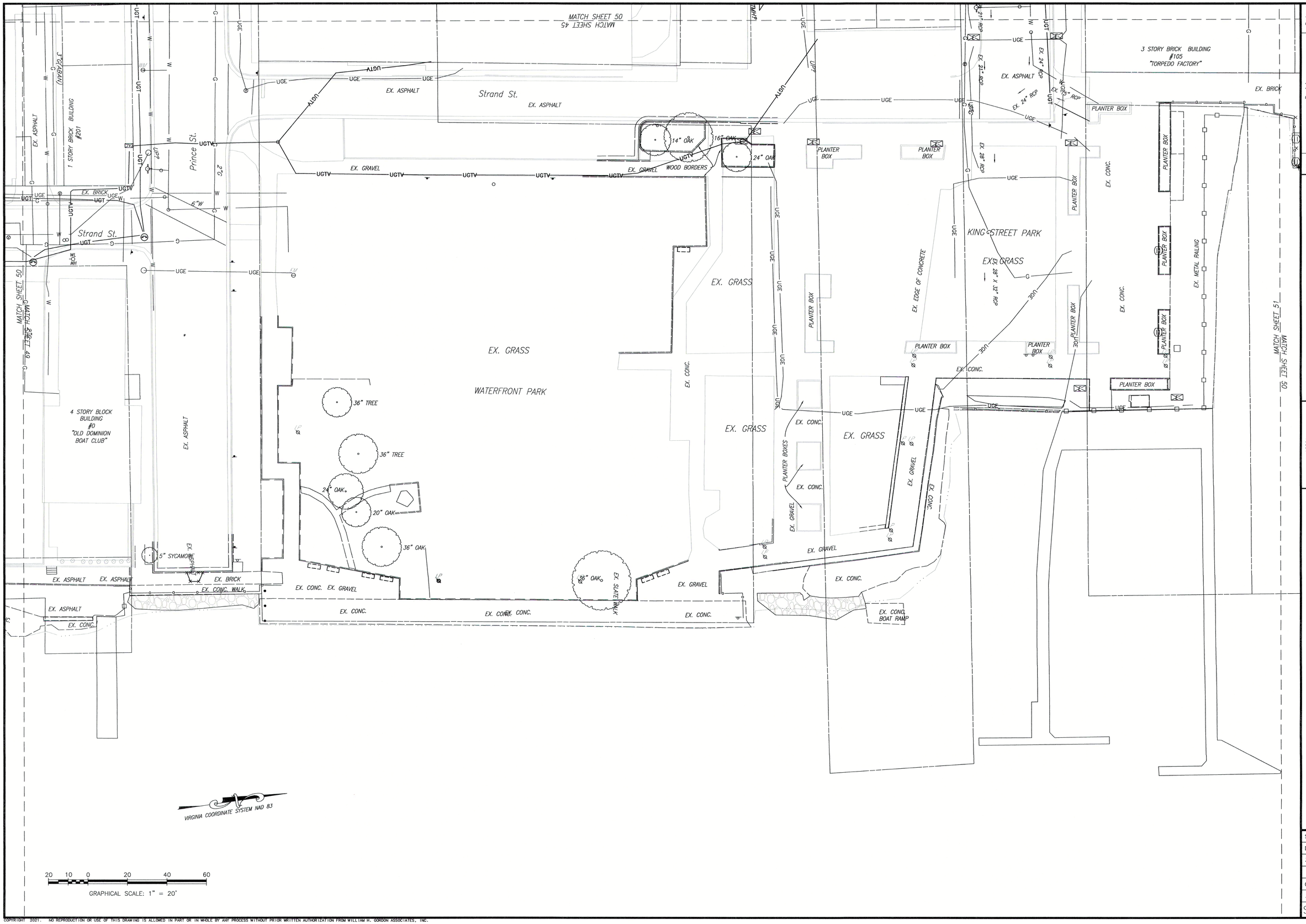

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MATCH SHEET 51

MATCH SHEET 46

3 STORY BRICK BUILDING
#105
"TORPEDO FACTORY"

EX. BRICK

BRICK

EX. RECYCLED MATERIAL DECKING

EX. METAL RAILING

EX. RECYCLED MATERIAL DECKING

EX. WOOD DECK

EX. WOOD DECK

VIRGINIA COORDINATE SYSTEM NAD 83

MATCH SHEET 51

MATCH SHEET 50

UGT

EX. BRICK

EX. BRICK

EX. BRICK

"BLACKWALL HITCH"
2 STORY BRICK RESTAURANT W/ UNDERGROUND PARKING
#5
CAMERON ST.

EX. BRICK

EX. BRICK

EX. BRICK

"CHARTHOUSE"
1 STORY FRAME RESTAURANT
#1
CAMERON ST.

EX. BRICK

EX. BRICK

EX. BRICK

Thompsons Alley

4 STORY BRICK BUILDING
#211
NORTH UNION ST.

UGTV

2"G

9" BIRCH

11" LOCUST

11" LOCUST

EX. CONC.

EX. PLANTER
3" PINE

EX. CONC.

EX. CONC.

EX. CONC.

EX. WOOD DECK

EX. PLANTER

16" SYCAMORE

36" ELMS

14" SYCAMORE

18" ELMS

11" MULBERRY

10" MAGNOLIA

30" MAPLE

EX. CONC.

2 STORY WOOD
FRAME BUILDING

EX. CONC.

EX. CONC.

INACCESSIBLE
TRENCH DRAIN

EX. RECYCLED MATERIAL DECKING

EX. WOOD DECK

EX. WOOD DECK

"DOCKMASTER"
1 STORY
WOOD FRAME BUILDING

EX. WOOD DECK

MATCH SHEET 52

MATCH SHEET 51

20 10 0 20 40 60

GRAPHICAL SCALE: 1" = 20'

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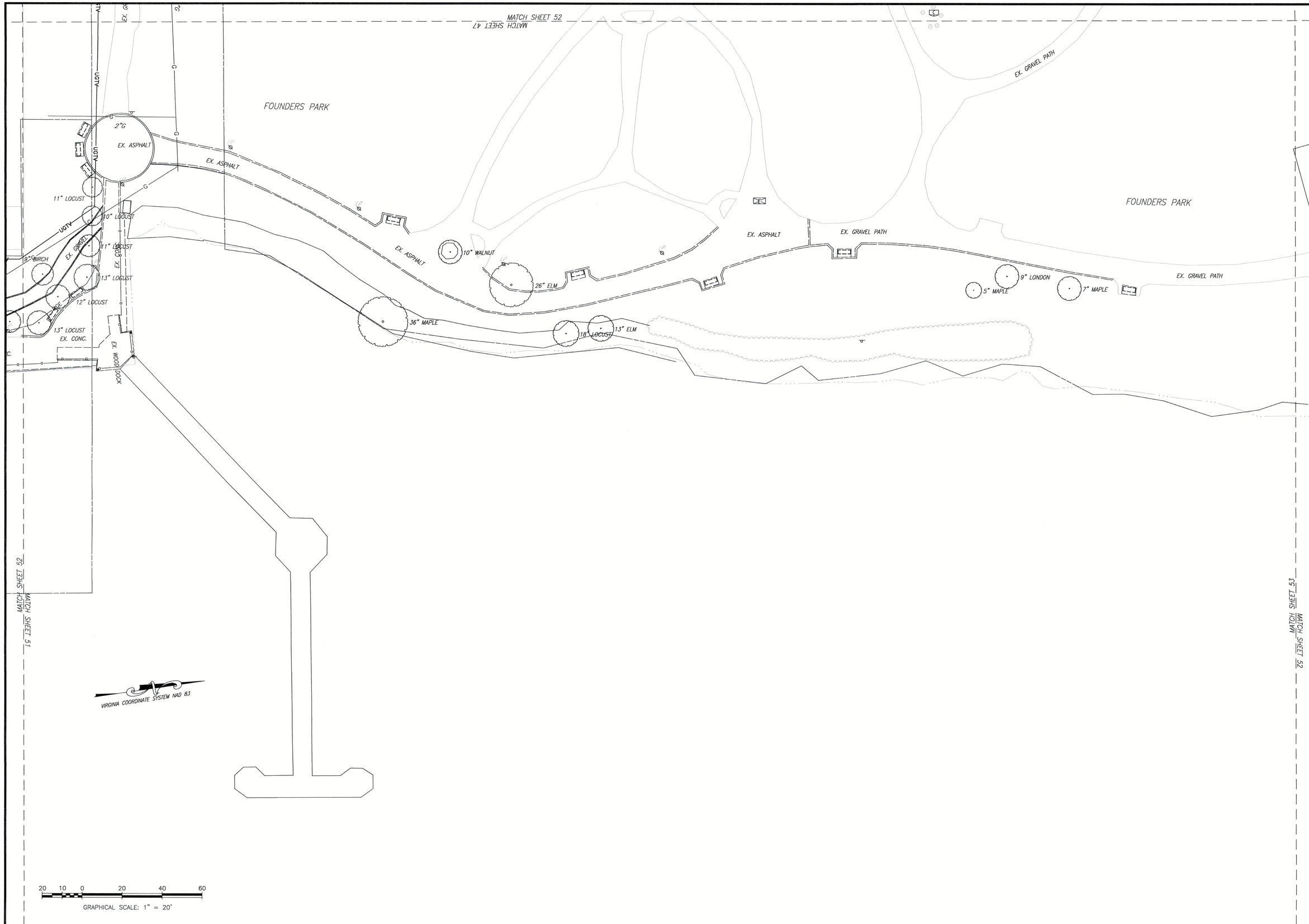

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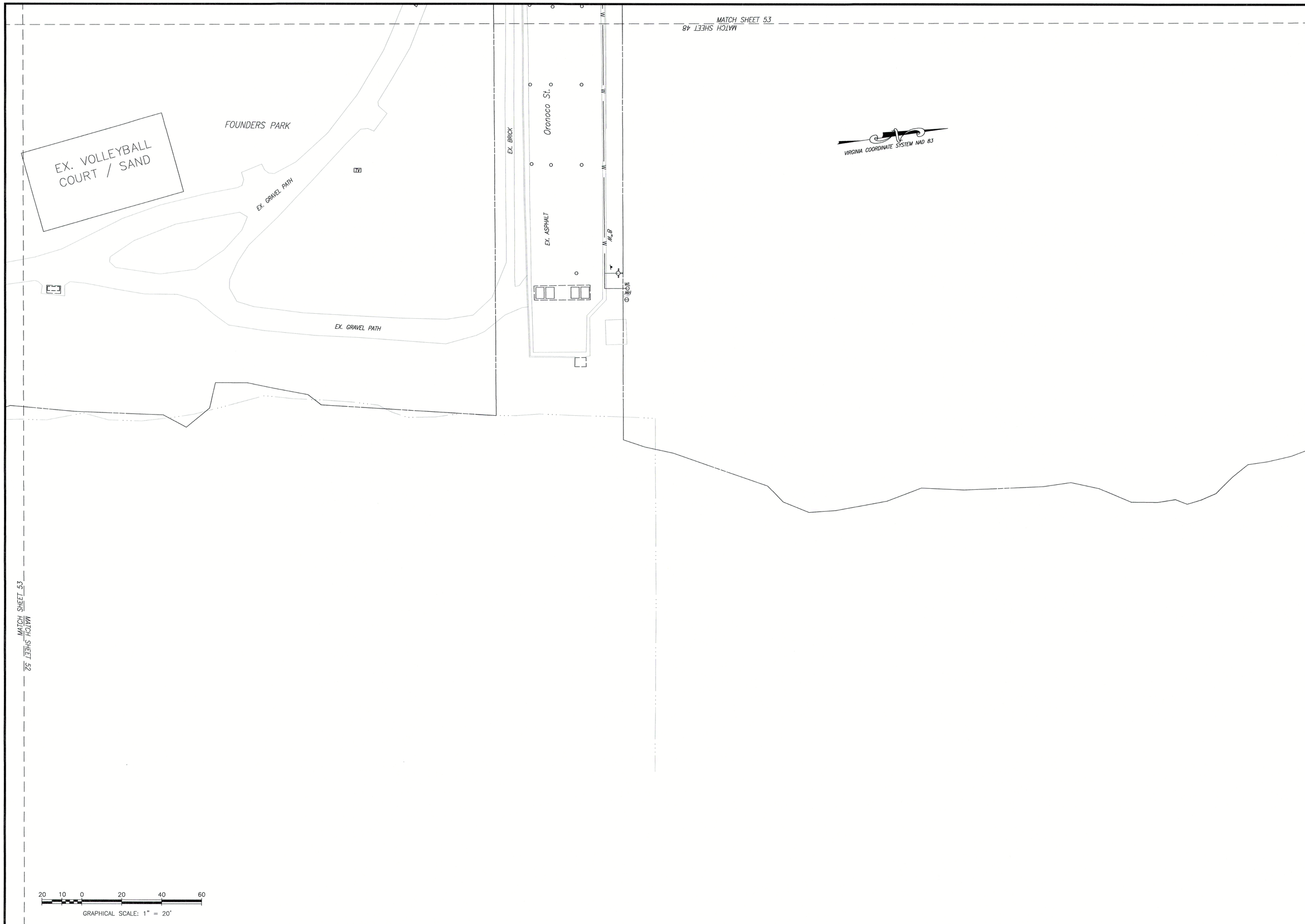

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STORM SEWER AS-BUILT

STRUCTURE	ELEVATION (FT.)		DESCRIPTION
EX. STM STRC	TOP =	32.55	EX. CURB INLET
(5388)	INVERT IN =	30.44	EX. 4" PVC; FROM C/O
	INVERT IN =	30.39	EX. 4" PVC; FROM C/O
	INVERT OUT =	29.55	EX. 10" DIP; TO EX. STM STRC (5397)
EX. STM STRC	TOP =	32.33	EX. STORM MANHOLE
(5397)	INVERT IN =	28.53	EX. 10" DIP; FROM EX. STM STRC (5388)
	INVERT IN =	22.54	EX. 10" DIP; FROM EX. STM STRC (5413)
	INVERT OUT =	25.22	EX. 18" RCP; TO EX. STM STRC (5476)
EX. STM STRC	TOP =	28.01	EX. STORM MANHOLE
5476	INVERT IN =	23.42	EX. 15" RCP FROM EX. STMH (5397)
	INVERT IN =	24.34	EX. 4" PVC FROM SOUTH
	INVERT IN =	26.79	EX. 4" PVC FROM SOUTH
	INVERT OUT =	22.99	EX. 15" RCP TO EX. STMH (5500)
EX. STM STRC	TOP =	12.54	EX. CURB INLET
5500	INVERT IN =	7.15	EX. 12" RCP FROM EX. STMH (5511)
	INVERT IN =	6.37	EX. 15" RCP FROM EX. STMH (5476)
	INVERT IN =	8.91	EX. 12" RCP FROM WEST
	INVERT IN =	8.82	EX. 12" RCP FROM EAST
	INVERT OUT =	5.96	EX. 15" RCP TO EX. STMH (5521)
EX. STM STRC	TOP =	11.41	EX. STORM MANHOLE
5521	INVERT IN =	5.43	EX. 15" RCP FROM EX. STMH (5500)
	INVERT IN =	5.90	EX. 15" RCP FROM EX. STMH (5529)
	INVERT OUT =	5.37	EX. 15" RCP TO EX. STMH (5540)
EX. STM STRC	TOP =	10.70	EX. STORM MANHOLE
5540	INVERT IN =	5.27	EX. 15" RCP FROM EX. STMH (5521)
	INVERT IN =	5.79	EX. 4" PVC FROM SOUTH
	INVERT OUT =	5.25	EX. 15" RCP TO EX. STMH (5549)
EX. STM STRC	TOP =	9.89	EX. STORM MANHOLE
5549	INVERT IN =	5.29	EX. 15" RCP FROM EX. STMH (5546)
	INVERT OUT =	5.13	EX. 15" RCP TO EX. STMH (5547)
EX. STM STRC	TOP =	10.18	EX. STORM MANHOLE
5547	INVERT IN =	4.59	PIPE SEALED / EX. 10" RCP
	INVERT IN =	4.34	EX. 15" RCP FROM EX. STMH (5549)
	INVERT OUT =	4.16	EX. 15" RCP TO EX. STMH (5569)
EX. STM STRC	TOP =	9.51	EX. STORM MANHOLE
5569	INVERT IN =	3.54	EX. 15" RCP FROM EX. STMH (5547)
	INVERT IN =	4.24	EX. 15" RCP FROM EX. STCI (5550)
	INVERT IN =	3.57	EX. 15" RCP FROM HOTEL INDIGO
	INVERT OUT =	3.43	EX. 15" RCP TO EX. STMH (5265)
EX. STM STRC			
(5265)	INVERT IN =	2.78	EX. 4" PVC; FROM EX. BLDG SOUTH
	INVERT IN =	1.91	EX. 15" RCP; FROM EX. BLDG SOUTH
	INVERT IN =	1.85	EX. 18" RCP; FROM EX. STM STRC (5569)
	INVERT OUT =	1.79	EX. 18" RCP; TO EX. STM STRC (5264)
EX. STM STRC	TOP =	8.71	EX. STORM MANHOLE
(5264)	INVERT IN =	0.81	EX. 18" RCP; FROM EX. STM STRC (5266)
	INVERT IN =	0.45	EX. 24" RCP; FROM EX. STM STRC (5265)
	INVERT OUT =	0.30	EX. 24" RCP; TO EX. STM STRC (5263)
EX. STM STRC	TOP =	8.69	EX. STORM MANHOLE
(5263)	INVERT IN =	0.17	EX. 24" RCP; FROM EX. STM STRC (5264)
	INVERT OUT =	0.12	EX. 24" RCP; TO EX. STM STRC (5269)
EX. STM STRC	TOP =	4.45	EX. GRATE INLET
(5269)	INVERT IN =	0.60	EX. 24" RCP; FROM EX. STM STRC (5263)
	INVERT IN =	0.42	EX. 24" RCP; FROM SOUTH
	INVERT OUT =	0.59	EX. 24" RCP; TO RIVER INV. = -0.69
EX. STM STRC	TOP =	11.11	EX. STORM MANHOLE
(5622)	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
	INVERT OUT =		
EX. STM STRC	TOP =	10.68	EX. STORM MANHOLE
(5266)	INVERT IN =	1.10	EX. 18" RCP; FROM EX. STM STRC (5622)
	INVERT OUT =	0.77	EX. 24" RCP; TO EX. STM STRC (5264)
EX. STM STRC	TOP =	8.11	EX. STORM MANHOLE
5592	INVERT OUT =	2.43	EX. 15" RCP TO EX. STMH (5265)
EX. STM STRC	TOP =	10.23	EX. CURB INLET
5550	INVERT IN =	5.06	EX. 4" PVC FROM EAST
	INVERT IN =	5.13	EX. 4" PVC FROM WEST
	INVERT OUT =	4.49	EX. 15" RCP TO EX. STMH (5569)
EX. STM STRC	TOP =	5.26	EX. GRATE INLET
5529	INVERT IN =	0.53	EX. 10" RCP FROM SOUTH
	INVERT OUT =	0.41	EX. 15" RCP TO EX. STMH (5521)
EX. STM STRC	TOP =	12.09	EX. CURB INLET
5511	INVERT IN =	10.09	EX. 12" RCP FROM WEST
	INVERT IN =	9.89	EX. 6" DIP FROM NORTH
	INVERT IN =	12.09	PIPE SEALED / INVERT NOT OBTAINED
	INVERT OUT =	9.72	EX. 12" RCP TO EX. STMH (5500)
EX. STM STRC	TOP =	32.50	EX. CURB INLET
(5413)	INVERT OUT =	29.07	EX. 10" DIP, TO EX. STM STRC (5397)
EX. STM STRC	TOP =	2.51	EX. GRATE INLET
(5272)	INVERT OUT =	0.03	EX. 15" RCP; TO RIVER INV. = -1.88

STORM SEWER AS-BUILT

EX. STM STRC	TOP =	29.60	EX. STORM MANHOLE
(5324)	INVERT IN =	25.65	EX. 18" RCP; FROM EX. STM STRC (5322)
EX. STM STRC	TOP =	29.61	EX. CURB INLET
(5322)	INVERT IN =	26.08	EX. 10" DIP; FROM EX. STM STRC (5329)
	INVERT OUT =	26.02	EX. 18" RCP; TO EX. STM STRC (5324)
EX. STM STRC	TOP =	30.29	EX. CURB INLET
(5329)	INVERT IN =	28.02	EX. 10" DIP; FROM EX. STM STRC (7007)
	INVERT IN =	27.98	EX. 10" DIP; FROM SOUTH EAST
	INVERT IN =	27.83	EX. 6" PVC; FROM EX. C/O
	INVERT OUT =	27.49	EX. 10" DIP; TO EX. STM STC 5322
EX. STM STRC	TOP =	29.89	EX. CURB INLET
(7007)	INVERT OUT =		EX. 10" DIP; TO EX. STM STRC (5329)
			INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	5.65	EX. CURB INLET
7016	INVERT IN =	5.65	INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	6.15	EX. CURB INLET
7017	INVERT IN =	6.15	INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	5.94	EX. STORM MANHOLE
5689	INVERT IN =	3.57	EX. 12" RCP FROM EX. STGI (7016)
	INVERT IN =	3.70	EX. 12" RCP FROM EX. STGI (7017)
	INVERT OUT =	3.38	EX. 15" RCP TO EX. STMH (5701)
EX. STM STRC	TOP =	5.74	EX. STORM MANHOLE
5701	INVERT IN =	2.13	EX. 15" RCP FROM EX. STMH (5689)
	INVERT IN =	2.45	EX. 12" RCP FROM EX. STCI (6165)
	INVERT IN =	1.72	EX. 12" RCP FROM WEST
	INVERT IN =	1.85	EX. 8" RCP FROM BLDG SE
	INVERT OUT =	1.49	EX. 21" RCP TO EAST
EX. STM STRC	TOP =	5.84	EX. STORM MANHOLE
5703	INVERT OUT =	3.64	EX. 12" RCP TO EX. STMH (6165)
EX. STM STRC	TOP =	5.70	EX. STORM MANHOLE
6165	INVERT IN =	3.11	EX. 15" RCP FROM SOUTHWEST (5703)
	INVERT OUT =	3.44	EX. 12" RCP TO EX. STMH (5701)
EX. STM STRC	TOP =	3.97	EX. STORM MANHOLE
5283	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.03	EX. STORM MANHOLE
5276	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.57	EX. STORM MANHOLE
5281	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.29	EX. STORM MANHOLE
5280	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.61	EX. STORM MANHOLE
5284	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.12	EX. STORM MANHOLE
5285	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.47	EX. STORM MANHOLE
5286	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	2.98	EX. STORM MANHOLE
5275	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.32	EX. STORM MANHOLE ABANDONED
5277	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.37	EX. STORM MANHOLE ABANDONED
5278	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	3.03	EX. STORM MANHOLE ABANDONED
2635	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED

STORM SEWER AS-BUILT

EX. STM STRC	TOP =	9.28	EX. STORM MANHOLE
7019	INVERT IN =	6.61	EX. 12" RCP FROM WEST
	INVERT OUT =	5.97	EX. 12" RCP TO EX. STCI (7018)
EX. STM STRC	TOP =	7.41	EX. CURB INLET
7018	INVERT IN =	5.11	EX. 12" RCP FROM EX. STMH (7019)
	INVERT OUT =	4.91	EX. 12" RCP TO EX. STMH (5683)
EX. STM STRC	TOP =	6.26	EX. STORM MANHOLE
5683	INVERT IN =	3.65	EX. 12" RCP FROM EX. STCI (7018)
	INVERT OUT =	6.26	OUT FULL TO NORTH
EX. STM STRC	TOP =	27.85	EX. CURB INLET
(7009)			INACCESSIBLE/NO INVERT OBTAINED
	INVERT OUT =		EX. 10" DIP; TO EX. STM STRC (5848)
EX. STM STRC	TOP =	20.58	EX. STORM MANHOLE
(6029)	INVERT IN =	15.60	EX. 15" RCP; FROM EX. STM STRC (6879)
	INVERT IN =	14.26	EX. 18" RCP; FROM EX. STM STRC (5778)
	INVERT OUT =	11.97	EX. 21" RCP; TO NORTH
EX. STM STRC	TOP =	21.15	EX. GRATE INLET
(6879)	INVERT IN =	18.35	EX. 4" PVC; FROM EX C/O
	INVERT OUT =	17.55	EX. 15" RCP; TO EX. STM STRC 6029
EX. STM STRC	TOP =	12.76	EX. STORM MANHOLE
6056	INVERT IN =	6.17	EX. 21" RCP FROM EX. STMH (6047)
	INVERT OUT =	5.47	EX. 24" RCP TO EX. STMH (6064)
EX. STM STRC	TOP =	14.77	EX. GRATE INLET
6874	INVERT IN =	13.47	EX. 5" DIP FROM SW
	INVERT OUT =	10.97	EX. 15" RCP TO EX. STMH (6047)
EX. STM STRC	TOP =	13.27	EX. STORM MANHOLE
6047	INVERT IN =	7.54	EX. 15" RCP FROM EX. STGI (6874)
	INVERT IN =	7.31	EX. 21" RCP FROM EX. (6029)
	INVERT OUT =	6.33	EX. 21" RCP TO EX. STMH (6056)
EX. STM STRC	TOP =	9.99	EX. STORM MANHOLE
6064	INVERT IN =	4.64	EX. 6" PVC FROM EX. STMH (6066)
	INVERT OUT =	4.34	EX. 21" RCP TO EX. STMH (6106)
EX. STM STRC	TOP =	10.53	EX. CURB INLET
7011	INVERT IN =	10.53	
	INVERT IN =	10.53	
	INVERT IN =	10.53	
	INVERT IN =	10.53	
	INVERT OUT =	10.53	
EX. STM STRC	TOP =	10.79	EX. CURB INLET
6066	INVERT IN =	9.33	EX. 8" RCP FROM EX. STCI (7011)
	INVERT OUT =	9.33	PIPE SEALED TO NORTH
EX. STM STRC	TOP =	10.79	EX. STORM MANHOLE
6060	INVERT IN =	10.79	INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	8.95	EX. STORM MANHOLE
6106	INVERT IN =	4.77	EX. 6" PVC FROM EX. STMH (6060)
	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
	INVERT IN =	3.93	EX. 6" PVC FROM NORTHWEST
	INVERT IN =	4.54	EX. 6" PVC FROM NORTH
	INVERT OUT =	3.88	EX. 21" RCP TO EX. STMH (6117)
EX. STM STRC	TOP =	4.68	EX. STORM MANHOLE
6117	INVERT IN =	1.73	EX. 4" PVC FROM SOUTH
	INVERT IN =	0.79	EX. 21" RCP FROM EX. STMH (6106)
	INVERT OUT =	0.72	EX. 21" RCP TO EX. STMH (6142)
EX. STM STRC	TOP =	3.43	EX. STORM MANHOLE
6142	INVERT IN =	0.81	EX. 15" RCP FROM EX. STMH (6141)
	INVERT IN =	-0.01	EX. 21" RCP FROM EX. STMH (6117)
	INVERT OUT =	0.08	EX. 21" RCP TO EX. STMH (6201)
EX. STM STRC	TOP =	3.97	EX. CURB INLET
6141	INVERT IN =	3.97	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	3.67	EX. STORM MANHOLE
6201	INVERT IN =	3.67	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	3.36	EX. STORM MANHOLE
6196	INVERT IN =	3.36	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	3.21	EX. CURB INLET
6190	INVERT IN =	3.21	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	3.74	EX. CURB INLET
6199	INVERT IN =	3.74	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	3.97	EX. CURB INLET
6198	INVERT IN =	3.97	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	2.86	EX. STORM MANHOLE
5292	INVERT IN =	-1.69	EX. 21" RCP FROM EX. STMH (6196)
	INVERT OUT =	-1.99	EX. 21" RCP TO EX. STMH (5289)
EX. STM STRC	TOP =	2.71	EX. STORM MANHOLE
5289	INVERT IN =	-3.24	EX. 21" RCP FROM EX. STMH (5292)
	INVERT IN =		INACCESSIBLE / NO INVERT OBTAINED
	INVERT OUT =	-5.02	EX. 28" RCP TO EX. STMH (6845)
EX. STM STRC	TOP =	3.52	EX. STORM MANHOLE
6845	INVERT IN =	-4.38	EX. 28"X32" RCP FROM EX. STMH (5289)
	INVERT OUT =	-4.48	EX. 28"X32" RCP TO EAST
EX. STM STRC	TOP =	1.89	EX. GRATE INLET
5295	INVERT OUT =	-1.56	STRUCTURE BOTTOM/FULL OF WATER

STORM SEWER AS-BUILT

EX. STM STRC	TOP =	27.22	EX. CURB INLET
5962	INVERT IN =	23.84	EX. 4" DIP FROM PARK NW
	INVERT OUT =	23.33	EX. 15" RCP TO EX. STCI (5963)
EX. STM STRC	TOP =	27.50	EX. CURB INLET
5963	INVERT IN =	22.83	EX. 15" RCP FROM EX. STCI (5962)
	INVERT IN =	22.33	EX. 12" RCP FROM WEST
	INVERT OUT =	20.66	EX. 18" RCP TO EX. STMH (5966)
EX. STM STRC	TOP =	27.53	EX. CURB INLET
5957	INVERT IN =	24.16	EX. 6" PVC FROM WEST
	INVERT OUT =	23.71	EX. 15" RCP TO EX. STMH (5942)
EX. STM STRC	TOP =	27.35	EX. CURB INLET
5942	INVERT IN =	23.28	EX. 15" RCP FROM EX. STCI (5957)
	INVERT IN =	23.71	EX. 6" PVC FROM SOUTH / ROOF DRAIN
	INVERT OUT =	23.03	EX. 15" RCP TO EX. STMH (5953)
EX. STM STRC	TOP =	25.44	EX. GRATE INLET
5951	INVERT OUT =	22.15	EX. 12" PVC TO EX. STMH (5951)
EX. STM STRC	TOP =	25.27	EX. STORM MANHOLE
5952	INVERT IN =	21.94	EX. 12" PVC FROM EX. STGI (5951)
	INVERT OUT =	21.73	EX. 10" RCP TO EX. STMH (5953)
EX. STM STRC	TOP =	26.58	EX. STORM MANHOLE
5953	INVERT IN =	19.08	EX. 18" RCP FROM SOUTH
	INVERT IN =	20.81	EX. 15" RCP FROM EX. STMH (5942)
	INVERT IN =	19.40	EX. 15" RCP FROM WEST
	INVERT IN =	20.43	EX. 8" RCP FROM BLDG EAST
	INVERT OUT =	12.81	EX. 18" RCP TO EX. STMH (5966)
EX. STM STRC	TOP =	26.40	EX. STORM MANHOLE
5966	INVERT IN =	18.85	EX. 18" RCP FROM EX. STMH (5963)
	INVERT IN =	19.08	EX. 18" RCP FROM WEST
	INVERT IN =	18.91	EX. 18" RCP FROM EX. STMH (5953)
	INVERT IN =	22.26	EX. 10" RCP EX. STCI (5970)
	INVERT OUT =	14.37	EX. 18" RCP TO EX. STMH (7012)
EX. STM STRC	TOP =	25.63	EX. CURB INLET
5970	INVERT OUT =	22.78	EX. 10" RCP TO EX. STMH (5966)
EX. STM STRC	TOP =	10.97	EX. STORM MANHOLE
7012	INVERT IN =	5.40	EX. 18" RCP FROM EX. STMH (5966)
	INVERT OUT =	10.97	EX. 24" RCP TO EX. STMH (6104)
EX. STM STRC	TOP =	9.01	EX. STORM MANHOLE
6104	INVERT IN =	5.55	EX. 12" RCP FROM EX. STMH (6074)
	INVERT IN =	4.04	EX. 4" PVC FROM NORTHWEST
	INVERT IN =	2.98	EX. 24" RCP FROM EX. STMH (7012)
	INVERT OUT =	4.04	EX. 24" RCP TO EAST
EX. STM STRC	TOP =	9.54	EX. CURB INLET
6075	INVERT OUT =	7.36	EX. 10" RCP TO EX. STMH (6074)
EX. STM STRC	TOP =	11.28	EX. CURB INLET
6069	INVERT OUT =	9.53	EX. 10" RCP TO EX. STCI (6078)
EX. STM STRC	TOP =		EX. CURB INLET
6078	INVERT IN =	8.55	EX. 10" RCP FROM EX. STCI (6069)
	INVERT OUT =	7.45	EX. 12" RCP TO EX. STMH (6074)
EX. STM STRC	TOP =	9.38	EX. STORM MANHOLE
6074	INVERT IN =	6.66	EX. 10" RCP FROM EX. STCI (6075)
	INVERT IN =	6.38	PIPE SEALED TO EX. STMH (6104)
	INVERT OUT =	6.64	EX. 12" RCP TO EX. STCI (6078)
EX. STM STRC	TOP =	3.51	EX. STORM MANHOLE
6208	INVERT IN =	-0.12	EX. 24" RCP FROM EX. STMH (6104)
	INVERT IN =	3.51	INACCESSIBLE/NO INVERT OBTAINED
	INVERT OUT =	-0.10	EX. 24" RCP TO EX. STMH (6192)
EX. STM STRC	TOP =	3.77	EX. STORM MANHOLE
6213	INVERT OUT =	2.17	EX. 12" RCP TO EX. STMH (6207)
EX. STM STRC	TOP =	3.91	EX. STORM MANHOLE
6207	INVERT IN =	1.06	EX. 12" RCP FROM EX. STMH (6213)
	INVERT OUT =	0.98	EX. 12" RCP TO EX. STMH (6208)
EX. STM STRC	TOP =	3.89	EX. STORM MANHOLE
6236	INVERT OUT =	-2.01	EX. 12" RCP TO EX. STMH (6192)
EX. STM STRC	TOP =		EX. STORM MANHOLE
6192	INVERT IN =	3.22	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =		EX. CURB INLET
6191	INVERT IN =	3.21	FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =		EX. STORM MANHOLE
5288	INVERT IN =	-3.47	EX. 24" RCP FROM EX. STMH (6192)
	INVERT IN =		EX. 15" RCP FROM NORTHEAST
	INVERT OUT =	-3.71	EX. 24" RCP TO EX. STMH (5289)

No.	Revision	Date
1.	PER CITY OF ALEXANDRIA COMMENTS	04/26/22

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OF
ALEXANDRIA WATERFRONT IMPROVEMENTS

SCALE: N/A
DATE: 1/21/2022
3560-0101
JAS
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STORM SEWER AS-BUILT			
EX. STM STRC	TOP =	4.26	EX. STORM MANHOLE
6228	INVERT IN =	-1.34	EX. UNKNOWN PIPE FROM WEST
	INVERT OUT =	-1.34	EX. UNKNOWN PIPE TO SOUTH
EX. STM STRC	TOP =	10.18	EX. GRATE INLET
6099	INVERT OUT =	8.08	EX. 8" DIP TO SOUTH
EX. STM STRC	TOP =	29.67	EX. CURB INLET
7020	INVERT OUT =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	30.31	EX. CURB INLET
6373	INVERT IN =	27.51	EX. 10" RCP FROM EX. STGI (7020)
	INVERT OUT =	27.20	EX. 12" RCP TO EX. STMH (6367)
EX. STM STRC	TOP =	30.14	EX. CURB INLET
6363	INVERT OUT =	27.94	EX. 12" RCP TO TO EX. STCI (6364)
EX. STM STRC	TOP =	30.70	EX. CURB INLET
6364	INVERT IN =	27.89	EX. 12" RCP FROM EX. STCI (6363)
	INVERT OUT =		INVERT INACCESSIBLE TO EX. STMH (6373)
EX. STM STRC	TOP =	30.29	EX. STORM MANHOLE
6367	INVERT IN =	27.21	EX. 12" RCP FROM EX. STCI (6364)
	INVERT IN =	26.84	EX. 12" RCP FROM EX. STCI (6373)
	INVERT OUT =	26.59	EX. 15" RCP TO EX. STMH (6379)
EX. STM STRC	TOP =	29.85	EX. STORM MANHOLE
6379	INVERT IN =	25.74	EX. 15" RCP FROM EX. STMH (6367)
	INVERT OUT =	22.85	EX. 15" RCP TO EX. STMH (6286)
EX. STM STRC	TOP =	13.76	EX. CURB INLET
6287	INVERT IN =	10.85	EX. 10" DIP FROM SOUTHWEST
	INVERT OUT =	10.16	EX. 15" RCP TO EX. STMH (6286)
EX. STM STRC	TOP =	13.53	EX. STORM MANHOLE
6286	INVERT IN =	10.10	EX. 15" RCP FROM EX. STCI (6287)
	INVERT IN =	7.51	EX. 15" RCP FROM EX. STMH (6379)
	INVERT OUT =	6.41	EX. 15" RCP TO EX. STMH (6281)
EX. STM STRC	TOP =	10.87	EX. STORM MANHOLE
6281	INVERT IN =	7.01	EX. 12" RCP FROM EX. STCI (6282)
	INVERT IN =	4.84	EX. 15" RCP FROM EX. STMH (6286)
	INVERT OUT =	4.55	EX. 18" RCP TO EX. STMH (6246)
EX. STM STRC	TOP =	13.34	EX. GRATE INLET
6298	INVERT OUT =	12.24	EX. 6" DIP TO EX. STCI (6300)
EX. STM STRC	TOP =	13.31	EX. CURB INLET
6300	INVERT IN =	11.32	EX. 6" DIP FROM EX. STGI (6298)
	INVERT OUT =	10.71	EX. 8" DIP TO EX. STCI (6301)
EX. STM STRC	TOP =	12.40	EX. CURB INLET
6301	INVERT IN =	9.05	EX. 6" DIP FROM EX. STCI (6300)
	INVERT OUT =	8.75	EX. 12" RCP TO EX. STMH (6282)
EX. STM STRC	TOP =	11.36	EX. STORM MANHOLE
6282	INVERT IN =	7.50	EX. 12" RCP FROM EX. STCI (6301)
	INVERT IN =	7.18	EX. 8" DIP FROM NORTHWEST
	INVERT IN =	7.14	EX. 4" PVC FROM EX. NORTHWEST
	INVERT OUT =	5.85	EX. 12" RCP TO EX. STMH (6281)
EX. STM STRC	TOP =	5.01	EX. CURB INLET
6266	INVERT IN =	1.84	EX. 12" RCP FROM BLDG SOUTH
	INVERT OUT =	1.57	EX. 15" RCP TO EX. STMH (6246)
EX. STM STRC	TOP =	4.58	EX. STORM MANHOLE
6246	INVERT IN =	0.91	EX. 18" RCP FROM EX. STMH (6263)
	INVERT IN =	0.72	EX. 15" RCP FROM EX. STCI (6266)
	INVERT IN =	0.68	EX. 15" RCP FROM EX. STMH (6281)
	INVERT OUT =	0.62	EX. 15" RCP TO EX. STMH (5299)
EX. STM STRC	TOP =	4.90	EX. STORM MANHOLE
6249	INVERT OUT =	2.51	EX. 12" RCP TO EX. STMH (6260)
EX. STM STRC	TOP =	4.98	EX. STORM MANHOLE
6260	INVERT IN =	2.21	EX. 12" RCP FROM NORTH
	INVERT IN =	2.20	EX. 12" RCP FROM EX. STMH (6249)
	INVERT OUT =	2.05	EX. 18" RCP TO EX. STMH (6261)
EX. STM STRC	TOP =	4.85	EX. STORM MANHOLE
6261	INVERT IN =	2.17	EX. 12" RCP FROM WEST
	INVERT IN =	1.88	EX. 18" RCP FROM EX. STCI (6260)
	INVERT OUT =	1.46	EX. 18 RCP TO EX. STMH (6263)
EX. STM STRC	TOP =	5.02	EX. CURB INLET
6264	INVERT OUT =	1.76	EX. 12" RCP TO EX. STMH (6263)
EX. STM STRC	TOP =	4.78	EX. STORM MANHOLE
6263	INVERT IN =	1.87	EX. 12" RCP FROM EX. STMH (6264)
	INVERT IN =	1.32	EX. 18" RCP FROM EX. STMH (6261)
	INVERT OUT =	1.23	EX. 18" RCP TO EX. STMH (6246)
EX. STM STRC	TOP =	5.26	EX. STORM MANHOLE
5299	INVERT IN =	0.25	EX. 15" RCP FROM EX. STMH (6246)
	INVERT IN =	0.36	EX. 12" RCP FROM NORTH
	INVERT IN =	4.30	EX. 4" PVC FROM BLDG NE
	INVERT OUT =	0.12	EX. 18" RCP TO EAST
EX. STM STRC	TOP =	8.92	EX. STORM MANHOLE
6830	INVERT IN =	3.47	EX. 8" DIP FROM NORTH
	INVERT IN =	3.60	EX. 8" DIP FROM WEST
	INVERT OUT =	3.46	EX. 12" DIP TO EX. STMH (5298)
EX. STM STRC	TOP =	7.10	EX. STORM MANHOLE
5298	INVERT IN =	-2.40	EX. 18" RCP FROM EX. STMH (5299)
	INVERT IN =	1.65	EX. 12" DIP FROM EX. STMH (6830)
	INVERT OUT =	-2.62	EX. 18" RCP TO EAST
EX. STM STRC	TOP =	5.24	EX. STORM MANHOLE
6241	INVERT IN =	-0.61	EX. 8" RCP FROM EAST
	INVERT IN =	0.22	EX. 10" RCP FROM BLDG SOUTH
	INVERT OUT =	-0.64	EX. 8" RCP TO EX. SAN MH (6243)

STORM SEWER AS-BUILT			
EX. STM STRC	TOP =	24.68	EX. STORM MANHOLE
6620	INVERT IN =	22.30	EX. 10" DIP FROM TRENCH WEST
	INVERT OUT =	22.28	EX. 10" DIP TO EX. STMH (6464)
EX. STM STRC	TOP =	26.83	EX. STORM MANHOLE
6464	INVERT IN =	21.51	EX. 10" DIP FROM EX. STMH (6620)
	INVERT OUT =	21.50	EX. 10" DIP TO EX. STMH (6461)
EX. STM STRC	TOP =	27.58	EX. CURB INLET
7025	INVERT OUT =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	27.50	EX. CURB INLET
6445	INVERT IN =	25.10	EX. 12" RCP FROM EX. STCI (7025)
	INVERT OUT =	25.05	EX. 18" RCP TO EX. STCI (6452)
EX. STM STRC	TOP =	27.24	EX. CURB INLET
6452	INVERT IN =	24.19	EX. 18" RCP FROM EX. STCI (6445)
	INVERT OUT =	22.10	EX. 18" RCP TO EX. STMH (6461)
EX. STM STRC	TOP =	26.55	EX. STORM MANHOLE
6461	INVERT IN =	21.31	EX. 18" RCP FROM STCI (6452)
	INVERT IN =	21.41	EX. 10" DIP FROM STMH (6464)
	INVERT OUT =	21.03	EX. 18" RCP TO EX. STMH (6478)
EX. STM STRC	TOP =	27.72	EX. STORM MANHOLE ABANDONED
6448	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	17.21	EX. CURB INLET
7024	INVERT OUT =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	17.21	EX. STORM MANHOLE
6478	INVERT IN =	15.71	EX. 12" RCP FROM EX. STCI (7024)
	INVERT IN =	12.51	EX. 18" RCP FROM EX. STMH (6486)
	INVERT OUT =	12.46	EX. 18" RCP TO EX. STCI (6501)
EX. STM STRC	TOP =	15.97	EX. STORM MANHOLE ABANDONED
7023	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	16.09	EX. STORM MANHOLE
6501	INVERT IN =	11.79	EX. 18" RCP FROM EX. STMH (6478)
	INVERT OUT =	11.78	EX. 18" RCP TO EX. STMH (6486)
EX. STM STRC	TOP =	15.69	EX. STORM MANHOLE
6486	INVERT IN =	11.30	EX. 18" RCP FROM EX. STMH (6501)
	INVERT IN =	9.52	EX. 18" RCP FROM EX. STMH (6489)
	INVERT OUT =	7.70	EX. 18" RCP TO EX. STMH (6478)
EX. STM STRC	TOP =	16.86	EX. GRATE INLET
6474	INVERT OUT =	15.16	EX. 8" DIP TO EX. STMH (6489)
EX. STM STRC	TOP =	15.41	EX. STORM MANHOLE
6489	INVERT IN =	13.76	EX. 8" DIP FROM EX. STGI (6474)
	INVERT IN =	10.41	EX. 18" RCP FROM WEST
	INVERT OUT =	9.80	EX. 18" RCP TO EX. STMH (6486)
EX. STM STRC	TOP =	7.13	EX. STORM MANHOLE
6528	INVERT IN =	1.02	EX. 18" RCP FROM EX. STMH (6486)
	INVERT IN =	0.56	EX. 15" RCP FROM EX. STMH (6517)
	INVERT IN =	1.11	EX. 12" RCP FROM HOUSE 101 NW
	INVERT OUT =	0.44	EX. 18" RCP TO EX. STMH (5305)
EX. STM STRC	TOP =	7.34	EX. STORM MANHOLE
6519	INVERT OUT =	2.52	EX. 4" PVC TO NORTH
EX. STM STRC	TOP =	7.29	EX. STORM RECEPTOR
6518	INVERT IN =	1.18	EX. 15" DIP FROM SOUTHWEST
	INVERT OUT =	1.09	EX. 15" DIP TO EX. STMH (6517)
EX. STM STRC	TOP =	6.84	EX. STORM MANHOLE
6517	INVERT IN =	0.78	EX. 15" DIP FROM EX. STR (6518)
	INVERT IN =	4.12	EX. 15" RCP FROM EX. STCI (7021)
	INVERT IN =	0.84	EX. 12" RCP FROM WEST
	INVERT OUT =	0.55	EX. 12" RCP FROM EX. STMH (6528)
EX. STM STRC	TOP =	6.79	EX. CURB INLET
7021	INVERT IN =	6.79	INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	6.17	EX. STORM MANHOLE
5305	INVERT IN =	-1.63	EX. 21" RCP FROM EX. STMH (6528
	INVERT IN =	-0.73	EX. 18" RCP FROM EX. STMH (6540)
	INVERT OUT =	-1.63	EX. 24" RCP TO EX. STMH (5304)
EX. STM STRC	TOP =	6.49	EX. GRATE INLET
6524	INVERT OUT =	4.76	EX. 12" DIP TO EX, STGI (6539)
EX. STM STRC	TOP =	5.61	EX. CURB INLET
6539	INVERT IN =	2.75	EX. 12" DIP FROM EX. STGI (6524)
	INVERT OUT =	2.60	EX. 15" RCP TO EX. STMH (6540)
EX. STM STRC	TOP =	7.42	EX. CURB INLET
6530	INVERT IN =	5.69	EX. 4" PVC FROM EAST
	INVERT OUT =	1.38	EX. 15" RCP TO EX. STMH (6540)
EX. STM STRC	TOP =	5.63	EX. STORM MANHOLE
6540	INVERT IN =	-0.58	EX. 15" RCP FROM EX. STCI (6530)
	INVERT IN =	2.44	EX. 15" DIP FROM EX. STCI (6539)
	INVERT IN =	-0.67	EX. 15" RCP FROM EX. STMH (6798)
	INVERT OUT =	-0.77	EX. 18" RCP TO EX. STMH (5305)
EX. STM STRC	TOP =	5.17	EX. STORM MANHOLE
5304	INVERT IN =	5.17	INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	5.02	EX. STORM MANHOLE
5303	INVERT IN =	5.02	FULL OF WATER OUT TO RIVER INV. -0.74"
EX. STM STRC	TOP =	8.94	EX. GRATE INLET
6536	INVERT IN =		INACCESSIBLE/ NO INVERT OBTAINED
EX. STM STRC	TOP =	9.02	EX. GRATE INLET
6798	INVERT IN =		INACCESSIBLE/ NO INVERT OBTAINED

STORM SEWER AS-BUILT			
EX. STM STRC	TOP =	17.52	EX. CURB INLET
6562	INVERT OUT =	15.91	EX. 10" DIP TO EX. STMH (6561)
EX. STM STRC	TOP =	17.21	EX. STORM MANHOLE
6561	INVERT IN =	15.54	EX. 10" DIP FROM EX. STCI (6614)
	INVERT IN =	15.54	EX. 10" DIP FROM EX. STCI (6562)
	INVERT OUT =	15.23	EX. 12" RCP TO EX. STMH (6557)
EX. STM STRC	TOP =	18.24	EX. CURB INLET
6614	INVERT OUT =	16.99	EX. 10" DIP TO EX. STMH (6561)
EX. STM STRC	TOP =	16.66	EX. STORM MANHOLE
6557	INVERT IN =	14.82	EX. 10" RCP FROM EX. STGI (7027)
	INVERT IN =	14.71	EX. 10" RCP FROM EX. STGI (7028)
	INVERT IN =	14.84	EX. 10" RCP FROM SOUTHWEST
	INVERT IN =	13.41	EX. 10" RCP FROM SOUTHWEST
	INVERT IN =	13.35	EX. 12" RCP FROM EX. STMH (6561)
	INVERT OUT =	13.22	EX. 12" RCP TO EX. STMH (6587)
EX. STM STRC	TOP =	16.72	EX. GRATE INLET
7027	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	16.48	EX. CURB INLET
7028	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	16.34	EX. STORM MANHOLE
6587	INVERT IN =	9.29	EX. 12" RCP FROM EX. STMH (6557)
	INVERT IN =	10.00	EX. 15" RCP FROM EX. STMH (6586)
	INVERT OUT =	7.05	EX. 18" RCP TO EAST
EX. STM STRC	TOP =	33.37	EX. STORM MANHOLE
7029	INVERT IN =	30.63	EX. 10" RCP FROM WEST
	INVERT OUT =	30.38	EX. 15" DIP TO EX. STMH (6586)
EX. STM STRC	TOP =	16.29	EX. CURB INLET
6586	INVERT IN =	13.57	EX. 15" DIP FROM EX. STMH (7029)
	INVERT OUT =	10.44	EX. 15" RCP TO EX. STMH (6587)
EX. STM STRC	TOP =	10.61	EX. STORM MANHOLE
6593	INVERT IN =		EX. 18" RCP FROM EX. STMH (6587)
	INVERT OUT =		EX. 15" RCP TO EX. STMH (6595)
	PIPE SIZES AND MATERIAL OBTAINED FROM CITY OF ALEXANDRIA GIS		
EX. STM STRC	TOP =	9.73	EX. STORM MANHOLE
6595	INVERT IN =		EX. 15" RCP FROM EX. STMH (6593)
	INVERT IN =		EX. 15" RCP FROM NORTH
	INVERT OUT =		EX. 15" RCP TO EX. STMH (6601)
	PIPE SIZES AND MATERIAL OBTAINED FROM CITY OF ALEXANDRIA GIS		
EX. STM STRC	TOP =	9.37	EX. STORM MANHOLE
6601	INVERT IN =		EX. 15" RCP FROM EX. STMH (6595)
	INVERT IN =		EX. 15" RCP FROM EX. STMH (6596)
	INVERT IN =		EX. 15" RCP FROM EX. STMH (6794)
	INVERT OUT =		EX. 15" RCP TO EX. STMH (6787)
	PIPE SIZES AND MATERIAL OBTAINED FROM CITY OF ALEXANDRIA GIS		
EX. STM STRC	TOP =	10.00	EX. STORM MANHOLE
6794	INVERT OUT =		EX. 15" RCP TO EX. STMH (6601)
	PIPE SIZES AND MATERIAL OBTAINED FROM CITY OF ALEXANDRIA GIS		
EX. STM STRC	TOP =	9.68	EX. STORM MANHOLE
6596	INVERT OUT =		EX. 15" RCP TO EX. STMH (6601)
	PIPE SIZES AND MATERIAL OBTAINED FROM CITY OF ALEXANDRIA GIS		
EX. STM STRC	TOP =	9.13	EX. STORM MANHOLE
6787	INVERT IN =		UNK SIZE AND MATERIAL FROM (6601)
	INVERT OUT =		UNK SIZE AND MATERIAL TO EAST
	PIPE SIZES AND MATERIAL OBTAINED FROM CITY OF ALEXANDRIA GIS		
EX. STM STRC	TOP =	11.09	EX. STORM MANHOLE
6795	INVERT IN =		FULL OF WATER / INVERT UNOBTAINABLE
EX. STM STRC	TOP =	9.59	EX. STORM MANHOLE
6600	INVERT IN =		FULL OF WATER / INVERT UNOBTAINABLE

STORM SEWER AS-BUILT			
EX. STM STRC	TOP =	14.62	EX. CURB INLET
6665	INVERT OUT =	13.07	EX. 12" DIP TO EX. STMH (6663)
EX. STM STRC	TOP =	14.73	EX. STORM MANHOLE
6664	INVERT IN =	12.40	EX. 12" RCP FROM EX. STCI (6665)
	INVERT IN =	12.43	EX. 15" RCP FROM EX. STCI (6661)
	INVERT OUT =	12.33	EX. 12" RCP TO EX. STMH (6663)
EX. STM STRC	TOP =	14.52	EX. STORM MANHOLE
6663	INVERT IN =	11.82	EX. 12" RCP FROM EX. STMH (6664)
	INVERT IN =		EX. 12" RCP FROM SEALED PIPE EAST
	INVERT OUT =	11.47	EX. 15" RCP TO EX. STCI (6652)
EX. STM STRC	TOP =	15.02	EX. CURB INLET
6661	INVERT OUT =	12.87	EX. 15" RCP TO EX. STMH (6664)
EX. STM STRC	TOP =	15.53	EX. CURB INLET
7033	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	14.04	EX. CURB INLET
6652	INVERT IN =	10.85	EX. 10" RCP FROM EX. STCI (7033)
	INVERT IN =	10.52	EX. 6" DIP FROM HOUSE SW
	INVERT IN =	10.56	EX. 15" RCP FROM EX. STMH (6663)
	INVERT OUT =	8.73	EX. 15" RCP TO EX. STMH (6653)
EX. STM STRC	TOP =	13.43	EX. STORM MANHOLE
6653	INVERT IN =	7.05	EX. 15" RCP FROM EX. STCI (6657)
	INVERT IN =	6.93	EX. 15" RCP FROM EX. STCI (6652)
	INVERT IN =	2.43	EX. UNK SIZE FROM WEST
	INVERT OUT =	2.40	EX. UNK SIZE TO EX. STMH (6672)
EX. STM STRC	TOP =	12.82	EX. CURB INLET
7034	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	13.29	EX. CURB INLET
6657	INVERT IN =	10.12	EX. 10" RCP FROM EX. STCI (7034)
	INVERT IN =	10.81	EX. 6" DIP FROM HOUSE 55 WEST
	INVERT OUT =	8.38	EX. 15" RCP TO EX. STMH (6653)
EX. STM STRC	TOP =	14.63	EX. GRATE INLET
6651	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	15.34	EX. GRATE INLET
6682	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	16.88	EX. STORM MANHOLE
6672	INVERT IN =	8.77	EX. 15" RCP FROM EX. STCI (6570)
	INVERT IN =	8.95	EX. 15" RCP FROM EX. STGI (7036)
	INVERT IN =	1.98	EX. UNK SIZE FROM EX. STMH (6653)
	INVERT OUT =	1.94	EX. UNK SIZE TO EX. STMH (6702)
EX. STM STRC	TOP =	17.66	EX. GRATE INLET
7036	INVERT IN =	14.68	EX. 8" RCP FROM NORTH
	INVERT IN =	14.33	EX. 8" RCP FROM EAST
	INVERT OUT =	13.79	EX. UNK SIZE TO EX. STMH (6672)
EX. STM STRC	TOP =	17.92	EX. STORM MANHOLE
6569	INVERT IN =	15.21	EX. 15" RCP FROM HOUSE SE
	INVERT OUT =	14.99	EX. 15" RCP TO EX. STCI (6570)
EX. STM STRC	TOP =	17.22	EX. CURB INLET
6570	INVERT IN =	13.58	EX. 15" RCP FROM EX. STMH (6569)
	INVERT OUT =	11.01	EX. 15" RCP TO NORTH
EX. STM STRC	TOP =	16.76	EX. STORM MANHOLE
6702	INVERT IN =	2.14	EX. UNK SIZE FROM EX. STMH (6672)
	INVERT OUT =	1.84	EX. UNK SIZE TO SOUTH
EX. STM STRC	TOP =	12.70	EX. CURB INLET
6721	INVERT IN =	9.63	EX. 8" PVC FROM BLDG SOUTH
	INVERT OUT =	8.71	EX. 12" RCP TO NORTH
EX. STM STRC	TOP =	7.65	EX. STORM MANHOLE
6757	INVERT IN =		INVERT UNOBTAINABLE
	INVERT IN =	1.42	EX. RECT CULVERT FROM EX. STMH (6702)
	INVERT IN =	2.23	EX. 18" RCP FROM EX. STCI (6763)
	INVERT OUT =	1.10	EX. RECT CULVERT TO RIVER
EX. STM STRC	TOP =	8.38	EX. CURB INLET
6765	INVERT IN =	6.31	EX. 8" DIP FROM BLDG WEST
	INVERT OUT =	5.13	EX. 15" RCP TO EX. STCI (6763)
EX. STM STRC	TOP =	8.31	EX. CURB INLET
6763	INVERT IN =	5.26	EX. 15" RCP FROM EX. STCI (6765)
	INVERT OUT =	4.43	EX. 18" RCP TO EX. STMH (6757)
EX. STM STRC	TOP =	9.33	EX. CURB INLET
6723	INVERT IN =	5.26	EX. 12" RCP FROM WEST
	INVERT OUT =	6.28	EX. 15" RCP TO EX. STCI (6766)
EX. STM STRC	TOP =	8.24	EX. CURB INLET
6766	INVERT IN =	4.39	EX. 15" RCP FROM EX. STCI (6723)
	INVERT OUT =	3.89	EX. 18" RCP TO EX. STCI (6785)
EX. STM STRC	TOP =	8.32	EX. CURB INLET
6785	INVERT IN =	3.18	EX. 18" RCP FROM EX. STCI (6766)
	INVERT OUT =	3.02	EX. 24" RCP TO EX. STMH (6757)
EX. STM STRC	TOP =	7.27	EX. STORM MANHOLE
6756	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	15.34	EX. STORM MANHOLE
6682	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	7.61	EX. STORM MANHOLE
6758	INVERT IN =		FULL OF WATER / INVERT UNOBTAINABLE

No.	Revision	Date
1.	PER CITY OF ALEXANDRIA COMMENTS	04/26/22

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LAND SURVEYOR

AS-BUILT SURVEY
ALEXANDRIA WATER FRONT IMPROVEMENTS
OF
ALEXANDRIA WATERFRONT IMPROVEMENTS

SCALE: N/A
DATE: 1/21/2022
3560-0101
JAS
ACAD
SHEET 55 of 57

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STORM SEWER AS-BUILT			
EX. STM STRC	TOP =	27.85	EX. CURB INLET
7009	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	27.66	EX. STORM MANHOLE
(5848)	INVERT IN =	25.05	EX. 10" DIP; FROM EX. STM STRC (7009)
	INVERT OUT =	22.06	EX. 15" RCP; TO EX. STM STRC (5778)
EX. STM STRC	TOP =	27.08	EX. STORM MANHOLE
(5778)	INVERT IN =	20.02	EX. 15" RCP; FROM EX. STM STRC (5741)
	INVERT IN =	19.87	EX. 15" RCP; FROM EX. STM STRC (5744)
	INVERT IN =	19.87	EX. 15" RCP; FROM EX. STM STRC (5848)
	INVERT OUT =	19.52	EX. 18" RCP; TO EX. STM STRC (6029)
EX. STM STRC	TOP =	27.56	EX. CURB INLET
7010	INVERT IN =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	27.92	EX. STORM MANHOLE
(5774)	INVERT IN =	25.03	EX. 10" DIP; FROM EX STM STRC (7010)
	INVERT OUT =	24.27	EX. 15" RCP; TO EX. STM STRC (5778)
EX. STM STRC	TOP =	38.49	EX. CURB INLET NO INVERT
(7008)	INVERT OUT =		INACCESSIBLE/NO INVERT OBTAINED
EX. STM STRC	TOP =	26.23	EX. STORM MANHOLE
(5741)	INVERT IN =	23.56	EX. 10" DIP; FROM EX. STM STRC (7008)
	INVERT OUT =	22.07	EX. 15" RCP; TO EX. STM STRC (5778)
EX. STM STRC	TOP =	30.25	EX. STORM MANHOLE
6361	INVERT OUT =		FULL / NO INVERT OBTAINED
EX. STM STRC	TOP =	8.70	EX. GRATE INLET
6829	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	8.74	EX. GRATE INLET
6828	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	8.80	EX. GRATE INLET
6831	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	6.99	EX. GRATE INLET
6825	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	6.31	EX. GRATE INLET
6822	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	6.76	EX. GRATE INLET
6826	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	8.63	EX. GRATE INLET
6827	INVERT IN =		INACCESSIBLE/FULL OF WATER
EX. STM STRC	TOP =	18.86	EX. GRATE INLET
9191	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	18.84	EX. GRATE INLET
9208	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.76	EX. GRATE INLET
9214	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.81	EX. GRATE INLET
9226	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.77	EX. GRATE INLET
9227	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.77	EX. GRATE INLET
9228	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.76	EX. GRATE INLET
9222	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.75	EX. GRATE INLET
9223	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.74	EX. GRATE INLET
9224	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED
EX. STM STRC	TOP =	17.74	EX. GRATE INLET
9239	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT IN =		INACCESSIBLE / LID SEALED
	INVERT OUT =		INACCESSIBLE / LID SEALED

SANITARY SEWER AS-BUILT			
STRUCTURE	ELEVATION (FT.)		DESCRIPTION
EX. SAN MH	TOP =	8.20	EX. SANITARY MANHOLE
(5267)	INVERT IN =	1.68	EX. 8" DIP; FROM SOUTH EAST
	INVERT IN =	1.68	EX. 10" DIP; FROM NORTH
	INVERT OUT =	1.32	EX. 10" DIP; TO EX SAN MH (5268)
EX. SAN MH	TOP =	10.38	EX. SANITARY MANHOLE
(5268)	INVERT IN =	0.47	EX. 10" DIP; FROM EX. SAN MH (5267)
	INVERT OUT =	0.43	EX. 10" DIP; TO EX. SAN MH (5522)
EX. SAN MH	TOP =	11.11	EX. SANITARY MANHOLE
5522	INVERT IN =	-3.62	EX. 42" RCP FROM EX. SAN MH (5578)
	INVERT IN =	0.35	EX. 8" RCP FROM EX. SAN MH (5268)
	INVERT IN =	-1.45	EX. 6" RCP FROM WEST
	INVERT IN =	5.48	EX. 10" RCP FROM WEST
	INVERT OUT =	-3.69	EX. 42" RCP TO SOUTH
EX. SAN MH	TOP =	7.15	EX. SANITARY MANHOLE
5578	INVERT IN =	0.24	EX. 10" DIP FROM WEST
	INVERT IN =	-3.40	EX. 42" RCP FROM EX. SAN MH (5698)
	INVERT OUT =	-3.43	EX. 42" RCP TO EX. SAN MH (5522)
EX. SAN MH	TOP =	5.61	EX. SANITARY MANHOLE
5698	INVERT IN =	1.28	EX. 10" RCP FROM EX. SAN MH (5702)
	INVERT IN =	-1.02	EX. 10" RCP FROM EX. SAN MH (5777)
	INVERT IN =	-1.66	EX. 10" DIP FROM EX. SAN MH (5695)
	INVERT IN =	-3.73	EX. 42" RCP FROM NORTH
	INVERT OUT =	-3.79	EX. 42" RCP TO Ex. SAN MH (5578)
EX. SAN MH	TOP =	3.56	EX. SANITARY MANHOLE
6200	INVERT IN =	-3.02	EX. 42" RCP FROM EX. SAN MH (6230)
	INVERT IN =	-1.28	EX. 8" RCP FROM EX. SAN MH (5291)
	INVERT IN =	-1.67	EX. 12" DIP FROM EX. SAN MH (6065)
	INVERT OUT =	-3.09	EX. 42" RCP TO EX. SAN MH (5698)
EX. SAN MH	TOP =	3.63	EX. SANITARY MANHOLE
6230	INVERT IN =	-0.85	EX. 8" RCP FROM EX. SAN MH (6899)
	INVERT IN =	-2.39	EX. 5" DIP FROM BLDG 101 EAST
	INVERT IN =	-2.97	EX. 42" RCP FROM EX. SAN MH (6219)
	INVERT OUT =	-3.07	EX. 42" RCP TO EX. SAN MH (6200)
EX. SAN MH	TOP =	4.13	EX. SANITARY MANHOLE
6219	INVERT IN =	0.67	EX. 6" DIP FROM BLDG EAST
	INVERT IN =	0.36	EX. 10" DIP FROM BLDG WEST
	INVERT IN =	-2.94	EX. 42" RCP FROM EX. SAN MH (6238)
	INVERT OUT =	-2.96	EX. 42" RCP TO EX. SAN MH (6230)
EX. SAN MH	TOP =	4.45	EX. SANITARY MANHOLE
6238	INVERT IN =	0.77	EX. 12" DIP FROM BLDG WEST
	INVERT IN =	-2.84	EX. 42" RCP FROM EX. SAN MH (6243)
	INVERT OUT =	-2.94	EX. 42" RCP TO EX. SAN MH (6219)
EX. SAN MH	TOP =	4.79	EX. SANITARY MANHOLE
6243	INVERT IN =	-2.72	EX. 42" RCP FROM EX. SAN MH (6247)
	INVERT IN =	-0.86	EX. 8" RCP FROM EAST
	INVERT OUT =	-2.81	EX. 42" RCP TO EX. SAN MH (6238)
EX. SAN MH	TOP =	4.71	EX. SANITARY MANHOLE
6247	INVERT IN =	-1.68	EX. 10" DIP FROM EX. SAN MH (6274)
	INVERT IN =	-2.77	EX. 42" RCP FROM EX. SAN MH (6262)
	INVERT OUT =	-2.83	EX. 42" RCP TO EX. SAN MH (6243)
EX. SAN MH	TOP =	4.40	EX. SANITARY MANHOLE
6262	INVERT IN =	-0.72	EX. 10" RCP FROM WEST
	INVERT IN =	-0.59	EX. 5" DIP FROM BLDG EAST
	INVERT IN =	-2.73	EX. 42" RCP FROM EX. SAN MH (6258)
	INVERT OUT =	-2.77	EX. 42" RCP TO EX. SAN MH (6247)
EX. SAN MH	TOP =	4.78	EX. SANITARY MANHOLE
6258	INVERT IN =	-2.63	EX. 42" RCP FROM EX. SAN MH (6253)
	INVERT IN =	-0.53	EX. 6" DIP FROM BLDG NW
	INVERT OUT =	-2.69	EX. 42" RCP TO EX. SAN MH (6262)
EX. SAN MH	TOP =	5.04	EX. SANITARY MANHOLE
6253	INVERT IN =	-2.56	EX. 42" RCP FROM EX. SAN MH (6525)
	INVERT IN =	-0.93	EX. 8" DIP FROM EX. SAN MH (6301)
	INVERT OUT =	-2.61	EX. 42" RCP TO EX. SAN MH (6258)
EX. SAN MH	TOP =	6.91	EX. SANITARY MANHOLE
6525	INVERT IN =	-1.44	EX. 15" RCP FROM EX. SAN MH (6527)
	INVERT IN =	-2.54	EX. 42" RCP FROM NORTH
	INVERT OUT =	-2.58	EX. 42" RCP TO EX. SAN MH (6253)
EX. SAN MH	TOP =	8.50	EX. SANITARY MANHOLE
6538	INVERT IN =	-0.74	EX. 10" DIP FROM EX. SAN MH (6545)
	INVERT IN =	-2.40	EX. 36" RCP FROM EX. SAN MH (6792)
	INVERT OUT =	-2.42	EX. 42" RCP TO EX. SAN MH (6525)
EX. SAN MH	TOP =	9.45	EX. SANITARY MANHOLE
6792	INVERT IN =	-1.09	EX. 10" RCP FROM EX. SAN MH (6793)
	INVERT IN =	-2.25	EX. 36" RCP FROM EX. SAN MH (6761)
	INVERT OUT =	-2.30	EX. 36" RCP TO EX. SAN MH (6538)
EX. SAN MH	TOP =	9.57	EX. SANITARY MANHOLE
6793	INVERT IN =	2.77	EX. 10" RCP FROM EX. SAN MH (6558)
	INVERT IN =	-0.37	EX. 6" DIP FROM HOUSE NW
	INVERT IN =	-0.24	EX. 10" RCP FROM EX. SAN MH (6782)
	INVERT OUT =	-0.39	EX. 10" RCP TO EX. SAN MH (6792)

EX. SAN MH	TOP =	17.10	EX. SANITARY MANHOLE
6558	INVERT IN =	9.93	EX. 10" DIP FROM EX. SAN MH (6564)
	INVERT IN =	9.80	EX. 10" DIP FROM WEST
	INVERT IN =	9.89	EX. 10" DIP FROM SOUTH
	INVERT OUT =	9.64	EX. 10" RCP TO EX. SAN MH (6793)
EX. SAN MH	TOP =	17.23	EX. SANITARY MANHOLE
6564	INVERT IN =	13.93	EX. 10" DIP FROM EX. SAN MH (6635)
	INVERT IN =	10.11	EX. 10" DIP FROM EX. SAN MH (6565)
	INVERT OUT =	10.06	EX. 10" DIP TO SOUTH
EX. SAN MH	TOP =	17.56	EX. SANITARY MANHOLE
6565	INVERT IN =	10.67	EX. 10" DIP FROM EX. SAN MH (6567)
	INVERT OUT =	10.60	EX. 10" DIP TO EX. SAN MH (6564)
EX. SAN MH	TOP =	17.84	EX. SANITARY MANHOLE
6567	INVERT IN =	12.03	EX. 10" DIP FROM EX. SAN MH (6568)
	INVERT IN =	11.97	EX. 10" DIP FROM EAST
	INVERT OUT =	11.95	EX. 10" DIP TO EX. SAN MH (6565)
EX. SAN MH	TOP =	17.69	EX. SANITARY MANHOLE
6568	INVERT IN =	12.83	EX. 4" DIP FROM HOUSE 420
	INVERT OUT =	12.55	EX. 10" DIP TO EX. SAN MH (6567)
EX. SAN MH	TOP =	17.70	EX. SANITARY MANHOLE
9189	INVERT IN =	17.70	EX. 10" DIP FROM EX. SAN MH (9190)
	INVERT IN =	17.70	EX. 4" PVC FROM EAST
	INVERT OUT =	17.70	EX. 12" RCP TO EX. SAN MH (6567)
EX. SAN MH	TOP =	18.90	EX. SANITARY MANHOLE
9190	INVERT IN =	13.34	EX. 12" RCP FROM EX. SAN MH (9225)
	INVERT IN =	14.08	EX. 4" PVC FROM WEST
	INVERT IN =	13.87	EX. 4" PVC FROM NORTH
	INVERT OUT =	13.22	EX. 10" DIP TO EX. SAN MH (9189)
EX. SAN MH	TOP =	17.91	EX. SANITARY MANHOLE
9225	INVERT IN =	14.31	EX. 4" PVC FROM NORTHEAST
	INVERT IN =	14.36	EX. 4" PVC FROM SOUTH
	INVERT IN =	14.43	EX. 4" PVC FROM SOUTH
	INVERT OUT =	14.16	EX. 12" RCP TO EX. SAN MH (9190)

INACCESSIBLE STORM STRUCTURES
2635
5277
5295
5296
5600
5601
6165
6198
6199
6756
6822
6825
6826
6828
6829
6831
6836

SANITARY SEWER AS-BUILT			
EX. SAN MH	TOP =	11.98	EX. SANITARY MANHOLE
5528	INVERT IN =	7.74	EX. 10" RCP FROM EX. SAN MH (5501)
	INVERT OUT =	7.49	EX. 10" RCP TO SOUTH
EX. SAN MH	TOP =	12.43	EX. SANITARY MANHOLE
5501	INVERT IN =	8.25	EX. 10" RCP FROM EX. SAN MH (5492)
	INVERT OUT =	7.95	EX. 10" RCP TO EX. SAN MH (5528)
EX. SAN MH	TOP =	19.94	EX. SANITARY MANHOLE
5492	INVERT IN =	14.63	EX. 4" PVC FROM HOUSE SOUTH
	INVERT OUT =	14.09	EX. 10" RCP TO EX. SAN MH (5501)
EX. SAN MH	TOP =	5.08	EX. SANITARY MANHOLE
5695	INVERT IN =	-1.62	EX. 10" DIP FROM EX. SAN MH (6163)
	INVERT OUT =	-1.63	EX. 10" DIP TO EX. SAN MH (5698)
EX. SAN MH	TOP =	3.65	EX. SANITARY MANHOLE
6163	INVERT IN =	-1.02	EX. 8" DIP FROM EX. SAN MH (5282)
	INVERT OUT =	-1.11	EX. 8" DIP TO EX. SAN MH (5695)
EX. SAN MH	TOP =	3.78	EX. SANITARY MANHOLE
5282	INVERT IN =	3.78	MANHOLE LID STUCK OR SEALED
	INVERT IN =	3.78	
	INVERT IN =	3.78	
	INVERT OUT =	3.78	
EX. SAN MH	TOP =	3.08	EX. SANITARY MANHOLE
(5279)	INVERT IN =	-0.53	EX. 10" DIP; FROM EX. SAN MH (5274)
	INVERT IN =	-0.85	EX. 10" DIP; FROM SOUTH EAST
	INVERT OUT =	-0.92	EX. 10" DIP; TO EX. SAN MH (5282)
EX. SAN MH	TOP =	5.14	EX. SANITARY MANHOLE
5274	INVERT IN =	1.24	EX. 8" PVC FROM BLDG 225 SOUTH
	INVERT IN =	0.92	EX. 6" DIP FROM BLDG 205 WEST
	INVERT OUT =	0.41	EX. 10" DIP TO EX. SAN MH (5279)
EX. SAN MH	TOP =	5.71	EX. SANITARY MANHOLE
5702	INVERT IN =	1.92	EX. 6" DIP FROM EX. SAN MH (5736)
	INVERT OUT =	1.21	EX. 10" RCP TO EX. SAN MH (5698)
EX. SAN MH	TOP =	5.85	EX. SANITARY MANHOLE
5736	INVERT IN =	2.60	EX. 10" DIP FROM WEST
	INVERT OUT =	2.26	EX. 6" DIP TO EX. SAN MH (5702)
EX. SAN MH	TOP =	27.19	EX. SANITARY MANHOLE
(5777)	INVERT IN =	18.73	EX. 12" DIP; FROM SOUTH WEST
	INVERT IN =	18.59	EX. 10" DIP; FROM EX. SAN MH (5452)
	INVERT IN =	17.61	EX. 15" DIP; FROM EX. SAN MH (5883)
	INVERT OUT =	17.48	EX. 15" DIP; TO EX. SAN MH (6030)
EX. SAN MH	TOP =	30.99	EX. SANITARY MANHOLE
(5883)	INVERT IN =	30.99	EX. SEALED PIPE; FROM SOUTH WEST
	INVERT IN =	22.38	EX. 10" DIP; FROM NORTH WEST
	INVERT IN =	22.34	EX. 10" DIP; FROM WEST
	INVERT IN =	21.62	EX. 10" DIP; FROM EX. SAN MH (5348)
	INVERT OUT =	21.45	EX. 10" DIP; TO EX. SAN MH (5777)
EX. SAN MH	TOP =	31.83	EX. SANITARY MANHOLE
(5348)	INVERT IN =	23.59	EX. 10" DIP; FROM EX. SAN MH (5330)
	INVERT OUT =	23.55	EX. 10" DIP; TO EX. SAN MH (5883)
EX. SAN MH	TOP =	30.25	EX. SANITARY MANHOLE
(5330)	INVERT IN =	25.87	EX. 10" DIP; FROM EX. SAN MH (5365)
	INVERT OUT =	25.70	EX. 10" DIP; TO EX. SAN MH (5348)
EX. SAN MH	TOP =	31.57	EX. SANITARY MANHOLE
(5365)	INVERT IN =	28.07	EX. 6" DIP; FROM SOUTH
	INVERT IN =	28.05	EX. 6" DIP; FROM NORTH
	INVERT IN =	28.04	EX. 6" DIP; FROM NORTH EAST
	INVERT OUT =	27.49	EX. 10" DIP; TO EX. SAN MH (5330)

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1.	PER CITY OF ALEXANDRIA COMMENTS	04/26/22

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COMMONWEALTH OF VIRGINIA
05/17/22
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LAND SURVEYOR

AS-BUILT SURVEY
ALEXANDRIA WATER FRONT IMPROVEMENTS
OF
ALEXANDRIA WATERFRONT IMPROVEMENTS

SCALE: N/A
DATE: 1/21/2022
3560-0101
JAS
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SANITARY SEWER AS-BUILT

EX. SAN MH	TOP =	2.98	EX. SANITARY MANHOLE
(5291)	INVERT IN =	-0.24	EX. 5" DIP; FROM ????
	INVERT IN =	-0.62	EX. 6" DIP; FROM EX. SAN MH (5293)
	INVERT IN =	-0.89	EX. 8" RCP; FROM EX. SAN MH (5290)
	INVERT OUT =	-0.91	EX. 8" RCP; TO WEST
EX. SAN MH	TOP =	3.36	EX. SANITARY MANHOLE
(5293)	INVERT IN =	-0.46	EX. 8" RCP; FROM EX. SAN MH (5294)
	INVERT OUT =	-0.50	EX. 8" RCP; TO EX. SAN MH (5291)
EX. SAN MH	TOP =	2.92	EX. SANITARY MANHOLE
5294	INVERT IN =	0.56	EX. 8" DIP FROM BLDG SOUTH
	INVERT IN =	0.27	EX. 6" DIP FROM BLDG NORTHWEST
	INVERT OUT =	0.19	EX. 8" DIP TO EX. SAN MH (5293)
EX. SAN MH	TOP =	2.85	EX. SANITARY MANHOLE
(5290)	INVERT IN =	-1.00	EX. 8" RCP; FROM NORTH WEST
	INVERT OUT =	-1.05	EX. 8" RCP; TO EX. SAN MH (5291)
EX. SAN MH	TOP =	3.71	EX. SANITARY MANHOLE
6209	INVERT IN =	-0.91	EX. 10" DIP FROM EX. SAN MH (6210)
	INVERT OUT =	-0.94	EX. 10" DIP TO EX. SAN MH (6200)
EX. SAN MH	TOP =	3.53	EX. SANITARY MANHOLE
6210	INVERT IN =	0.25	EX. 8" DIP FROM EX. SAN MH (6774)
	INVERT OUT =	-0.70	EX. 8" DIP TO EX. SAN MH (6200)
EX. SAN MH	TOP =	4.74	EX. SANITARY MANHOLE
6124	INVERT IN =	1.59	EX. 6" DIP FROM NORTH
	INVERT OUT =	0.78	EX. 8" DIP TO EX. SAN MH (6210)
EX. SAN MH	TOP =	4.64	EX. SANITARY MANHOLE
6118	INVERT IN =	1.58	EX. 8" DIP FROM HOUSE SOUTH
	INVERT OUT =	1.55	EX. 8" DIP TO EX. SAN MH (6200)
EX. SAN MH	TOP =	9.78	EX. SANITARY MANHOLE
(6065)	INVERT IN =	2.91	EX. 5" DIP; FROM EX. SAN MH (6061)
	INVERT IN =	2.17	EX. 10" DIP; FROM EX. SAN MH (6025)
	INVERT OUT =	2.15	EX. 10" DIP; TO EX. STMH (6118)
EX. SAN MH	TOP =	12.03	EX. SANITARY MANHOLE
(6025)	INVERT IN =	6.81	EX. 10" RCP FROM NORTHWEST
	INVERT IN =	6.50	EX. 10' PVC FROM EX. SAN MH (7013)
	INVERT IN =	5.82	EX. 5" PVC FROM WEST
	INVERT IN =	3.05	EX. 10" DIP FROM EX. SAN MH (7014)
	INVERT OUT =	2.87	EX. 10" DIP TO EX. SAN MH (6065)
EX. SAN MH	TOP =	11.49	EX. SANITARY MANHOLE
7013	INVERT IN =	6.41	EX. 10" DIP FROM
	INVERT OUT =	6.03	EX. 10" PVC TO EX. SAN MH (6025)
EX. SAN MH	TOP =	19.25	EX. SANITARY MANHOLE
7015	INVERT IN =	14.83	EX. 12" RCP FROM EX. SAN MH (5955)
	INVERT IN =	16.00	EX. 8" RCP FROM BLDG 218 SW
	INVERT IN =	13.31	EX. 10" DIP FROM BLDG 211 NW
	INVERT IN =	14.98	EX. 8" DIP FROM BLDG 212 SE
	INVERT OUT =	12.19	EX. 12" DIP TO EX. SAN MH (7013)
EX. SAN MH	TOP =	27.02	EX. SANITARY MANHOLE
5955	INVERT IN =	17.77	EX. 12" RCP FROM EX. SAN MH (5956)
	INVERT OUT =	17.66	EX. 12" RCP TO EAST
EX. SAN MH	TOP =	27.11	EX. SANITARY MANHOLE
5956	INVERT IN =	20.69	EX. 10" DIP FROM EX. SAN MH (5932)
	INVERT IN =	17.79	EX. 10" RCP FROM WEST
	INVERT OUT =	17.66	EX. 12" RCP TO EX. SAN MH (5955)
EX. SAN MH	TOP =	28.46	EX. SANITARY MANHOLE
5932	INVERT IN =	24.71	EX. 6" DIP FROM BLDG WEST
	INVERT OUT =	24.62	EX. 10" DIP TO EX. SAN MH (5956)
EX. SAN MH	TOP =	9.65	EX. SANITARY MANHOLE
(6061)	INVERT IN =	5.98	EX. 5" DIP; FROM SOUTH EAST
	INVERT IN =	5.94	EX. 10" DIP; FROM EX. SAN MH (6046)
	INVERT IN =	5.90	EX. 10" DIP; FROM EAST
	INVERT OUT =	4.96	EX. 5" DIP; TO EX. SAN MH (6065)
EX. SAN MH	TOP =	13.72	EX. SANITARY MANHOLE
6046	INVERT IN =	8.46	EX. 12" DIP FROM EX. SAN MH (6030)
	INVERT IN =	8.33	EX. 10" DIP FROM EX. SAN MH (6876)
	INVERT OUT =	8.10	EX. 10" DIP TO EX. SAN MH (6061)
EX. SAN MH	TOP =	20.19	EX. SANITARY MANHOLE
6876	INVERT IN =	8.46	EX. 8" DIP FROM SOUTHWEST MH
	INVERT IN =	8.33	EX. 8" DIP FROM WEST
	INVERT OUT =	8.10	EX. 10" DIP TO EX. SAN MH (6046)
EX. SAN MH	TOP =	26.35	EX. SANITARY MANHOLE
6882	INVERT IN =	23.63	EX. 8" DIP FROM HOUSE SOUTH
	INVERT OUT =	23.48	EX. 10" PVC TO MH NORTHEAST

EX. SAN MH	TOP =	14.62	EX. SANITARY MANHOLE
7014	INVERT IN =	8.07	EX. 8" DIP FROM BLDG
	INVERT OUT =	6.58	EX. 10" DIP TO EX. SAN MH (6025)
EX. SAN MH	TOP =	5.33	EX. SANITARY MANHOLE
9186	INVERT IN =	2.61	EX. 10" DIP FROM EX. SAN MH (6871)
	INVERT OUT =	2.46	EX. 10" DIP TO EX. SAN MH (6118)
EX. SAN MH	TOP =	5.86	EX. SANITARY MANHOLE
6871	INVERT IN =	3.43	EX. 10" RCP FROM EX. SAN MH (6868)
	INVERT IN =	3.86	EX. 4" PVC FROM BLDG SOUTH
	INVERT OUT =	3.40	EX. 10" DIP TO EX. SAN MH (9186)
EX. SAN MH	TOP =	8.75	EX. SANITARY MANHOLE
6868	INVERT IN =	4.70	EX. 6" RCP FROM BLDG NORTHWEST
	INVERT IN =	4.82	EX. 6" RCP FROM BLDG SOUTH
	INVERT OUT =	4.56	EX. 10" RCP TO EX. SAN MH (6871)

SANITARY SEWER AS-BUILT

EX. SAN MH	TOP =	3.63	EX. SANITARY MANHOLE
6230	INVERT IN =	-0.95	EX. 8" RCP FROM EX. SAN MH (6899)
	INVERT IN =	-4.06	EX. 42" RCP FROM EX. SAN MH (6219)
	INVERT IN =	-3.47	EX. 5" DIP FROM EAST
	INVERT OUT =	-4.27	EX. 42" RCP TO EX. SAN MH (6200)
EX. SAN MH	TOP =	7.79	EX. SANITARY MANHOLE
6899	INVERT IN =	3.71	EX. 8" DIP FROM EX. SAN MH (6884)
	INVERT OUT =	3.37	EX. 8" DIP TO EX. SAN MH (6230)
EX. SAN MH	TOP =	12.68	EX. SANITARY MANHOLE
6884	INVERT IN =	9.57	EX. 8" DIP FROM EX. SAN MH (6885)
	INVERT OUT =	8.84	EX. 8" DIP TO EX. SAN MH (6899)
EX. SAN MH	TOP =	12.94	EX. SANITARY MANHOLE
6885	INVERT IN =		EX. 10" DIP SEALED
	INVERT IN =	9.74	EX. 10" DIP FROM EX. SAN MH (6347)
	INVERT OUT =	9.47	EX. 10" DIP TO EX. SAN MH (6884)
EX. SAN MH	TOP =	28.90	EX. SANITARY MANHOLE
6347	INVERT IN =	19.81	EX. 10" DIP FROM EX. SAN MH (6024)
	INVERT OUT =	19.57	EX. 10" DIP TO EX. SAN MH (6885)
EX. SAN MH	TOP =	29.25	EX. SANITARY MANHOLE
6024	INVERT IN =	20.88	EX. 10" DIP FROM EX. SAN MH (6354)
	INVERT IN =	21.61	EX. 6" DIP FROM WEST
	INVERT OUT =	20.48	EX. 10" DIP TO EX. SAN MH (6347)
EX. SAN MH	TOP =	30.58	EX. SANITARY MANHOLE
6354	INVERT IN =	21.35	EX. 12" DIP FROM EX. SAN MH (6362)
	INVERT IN =	21.86	EX. 6" DIP FROM PARK WEST
	INVERT OUT =	21.31	EX. 10" DIP TO EX. SAN MH (6024)
EX. SAN MH	TOP =	30.25	EX. SANITARY MANHOLE
6362	INVERT IN =	22.01	EX. 10" DIP FROM WEST COURTHOUSE
	INVERT OUT =	21.75	EX. 12" DIP TO EX. SAN MH (6354)
EX. SAN MH	TOP =	11.07	EX. SANITARY MANHOLE
6883	INVERT OUT =	8.16	EX. 8" DIP TO EAST / NO INLETS
EX. SAN MH	TOP =	5.46	EX. SANITARY MANHOLE
6274	INVERT IN =	0.44	EX. 10" RCP FROM EX. SAN MH (6284)
	INVERT IN =	1.71	EX. 5" RCP FROM BLDG SOUTH
	INVERT OUT =	0.33	EX. 10" RCP TO EX. SAN MH (6247)
EX. SAN MH	TOP =	11.77	EX. SANITARY MANHOLE
6284	INVERT IN =	6.92	EX. 10" DIP FROM EX. SAN MH (6285)
	INVERT OUT =	6.67	EX. 10" DIP TO EX. SAN MH (6247)
EX. SAN MH	TOP =	12.95	EX. SANITARY MANHOLE
6285	INVERT IN =	12.95	INACCESSIBLE/NO INVERT OBTAINED
EX. SAN MH	TOP =	30.01	EX. SANITARY MANHOLE
6374	INVERT IN =	30.01	PIPE SEALED / NO INVERT OBTAINED
	INVERT IN =	25.61	EX. 10" RCP FROM WEST
	INVERT OUT =	25.49	EX. 10" RCP TO EX. SAN MH (6285)
6311	INVERT IN =	9.27	EX. 8" DIP FROM EX. SAN MH (6905)
	INVERT IN =	4.42	EX. 10" DIP FROM EX. SAN MH (6494)
	INVERT OUT =	9.02	EX. 8" DIP TO EX. SAN MH (6285)

6494	INVERT IN =	12.74	EX. 4" DIP FROM BLDG 220 WEST
	INVERT OUT =	12.64	EX. 10" RCP TO EX. SAN MH (6311)
EX. SAN MH	TOP =	23.49	EX. SANITARY MANHOLE
6905	INVERT IN =	19.28	EX. 8" PVC FROM WEST
	INVERT IN =	19.88	EX. 4" PVC FROM NORTHWEST
	INVERT IN =	15.80	EX. 4" DIP FROM NORTHWEST
	INVERT IN =	15.91	EX. 4" DIP FROM SOUTH
	INVERT IN =	11.85	EX. 4" DIP FROM SOUTH
	INVERT OUT =	19.13	EX. 8" DIP TO EX. SAN MH (6311)
EX. SAN MH	TOP =	3.26	EX. SANITARY MANHOLE
(5301)	INVERT IN =	0.00	EX. 8" DIP; FROM SOUTH EAST
	INVERT OUT =	-0.20	EX. 8" DIP; TO EX. SAN MH (6253)
EX. SAN MH	TOP =	7.00	EX. SANITARY MANHOLE
6527	INVERT IN =	1.75	EX. 12" PVC FROM EX. SAN MH (7022)
	INVERT OUT =	0.25	EX. 15" RCP TO EX. SAN MH (6525)
EX. SAN MH	TOP =	6.53	EX. SANITARY MANHOLE
7022	INVERT IN =	1.51	EX. 12" DIP FROM WEST
	INVERT OUT =	1.48	EX. 12" PVC TO EX. SAN MH (6527)
EX. SAN MH	TOP =	14.72	EX. SANITARY MANHOLE
6421	INVERT IN =	9.39	EX. 12" DIP FROM EX. SAN MH (6481)
	INVERT OUT =	9.01	EX. 15" DIP TO EX. SAN MH (7022)
EX. SAN MH	TOP =	16.78	EX. SANITARY MANHOLE
6481	INVERT IN =	11.08	EX. 12" DIP FROM EX. SAN MH (6422)
	INVERT IN =	11.84	EX. 8" DIP FROM NORTH
	INVERT IN =	12.19	EX. 8" DIP FROM EX. SAN MH (6480)
	INVERT OUT =	10.83	EX. 12" DIP TO EX. SAN MH (6421)
EX. SAN MH	TOP =	22.26	EX. SANITARY MANHOLE
6422	INVERT IN =	16.28	EX. 8" DIP FROM BLDG SOUTH
	INVERT IN =	15.77	EX. 12" DIP FROM WEST
	INVERT OUT =	15.60	EX. 12" DIP TO EX. SAN MH (6481)

SANITARY SEWER AS-BUILT

EX. SAN MH	TOP =	33.09	EX. SANITARY MANHOLE
(5452)	INVERT IN =	24.39	EX.8" DIP; FROM EX. SAN MH (5464)
	INVERT OUT =	24.34	EX.8" DIP; TO EX. SAN MH (5777)
EX. SAN MH	TOP =	32.47	EX. SANITARY MANHOLE
(5464)	INVERT IN =	26.02	EX.8" DIP; FROM SOUTH WEST
	INVERT IN =	25.49	EX. 8" DIP SEALED ; FROM EX. SAN MH (5389
	INVERT OUT =	25.38	EX. 10" DIP; TO EX. SAN MH (5452)
EX. SAN MH	TOP =	32.99	EX. SANITARY MANHOLE
(5389)	INVERT IN =		EX. 8" DIP SEALED; TO EX. SAN MH (5464)
	INVERT IN =	27.87	EX.8" DIP; FROM EAST
	INVERT OUT =	27.78	EX.8" DIP; FROM SOUTH
EX. SAN MH	TOP =	20.24	EX. SANITARY MANHOLE
(6030)	INVERT IN =	10.99	EX. 8" DIP; FROM WEST
	INVERT IN =	10.08	EX. 10" DIP; FROM EAST
	INVERT IN =	10.08	EX. 15" DIP; FROM EX. SAN MH (5777)
	INVERT OUT =	10.02	EX. 15" DIP; TO EX. SAN MH (6056)
EX. SAN MH	TOP =	8.06	EX. SANITARY MANHOLE
6761	INVERT IN =	-1.49	EX. 36" RCP FROM EX. SAN MH (6760)
	INVERT OUT =	-1.51	EX. 36" RCP TO EX. SAN MH (6792)
EX. SAN MH	TOP =	8.02	EX. SANITARY MANHOLE
6760	INVERT IN =	-1.54	EX. 36" RCP FROM NORTH
	INVERT IN =	5.69	EX. 4" PVC FROM WEST
	INVERT OUT =	-1.55	EX. 36" RCP TO EX. SAN MH (6761)
EX. SAN MH	TOP =		EX. SANITARY MANHOLE
7037	INVERT IN =	-10.10	EX. 36" RCP FROM NORTH
	INVERT OUT =	-10.12	EX. 36" RCP TO EX. SAN MH (6760)
EX. SAN MH	TOP =	5.24	EX. SANITARY MANHOLE
6241	INVERT IN =	-0.61	EX. 8" RCP FROM EAST
	INVERT IN =	0.22	EX. 10" RCP FROM BLDG SOUTH
	INVERT OUT =	-0.64	EX. 8" RCP TO EX. SAN MH (6243)

SANITARY SEWER AS-BUILT

EX. SAN MH	TOP =	16.64	EX. SANITARY MANHOLE
6480	INVERT IN =	14.72	EX. 8" DIP FROM WEST
	INVERT IN =	14.62	EX. 8" DIP FROM NORTH
	INVERT OUT =	14.59	EX. 8" DIP TO EX. SAN MH (6481)
EX. SAN MH	TOP =	8.78	EX. SANITARY MANHOLE
6782	INVERT IN =	2.37	EX. 10" RCP FROM EX. SAN MH (6768)
	INVERT OUT =	2.30	EX. 10" RCP TO EX. SAN MH (6793)
EX. SAN MH	TOP =	7.98	EX. SANITARY MANHOLE
6768	INVERT OUT =	3.87	EX. 10" RCP TO EX. SAN MH (6782)
EX. SAN MH	TOP =	21.50	EX. SANITARY MANHOLE
6635	INVERT IN =	16.90	EX. 4" PVC FROM HOUSE 223
	INVERT OUT =	16.39	EX. 10" DIP TO EX. SAN MH (6564)
EX. SAN MH	TOP =	27.86	EX. SANITARY MANHOLE
6446	INVERT IN =	20.67	EX. 10" DIP FROM EX. SAN MH (6414)
	INVERT IN =	20.36	EX. 10" DIP FROM SOUTHWEST
	INVERT OUT =	20.09	EX. 10" DIP TO WEST
EX. SAN MH	TOP =	30.91	EX. SANITARY MANHOLE
6414	INVERT IN =	23.65	EX. 10" DIP FROM SOUTH
	INVERT OUT =	23.63	EX. 10" DIP TO EX. SAN MH (6446)
EX. SAN MH	TOP =	22.70	EX. SANITARY MANHOLE
6632	INVERT IN =	16.68	EX. 10" RCP FROM EX. SAN MH (6466)
	INVERT IN =	16.28	EX. 10" RCP FROM EAST
	INVERT OUT =	16.27	EX. 10" RCP TO WEST
EX. SAN MH	TOP =	25.20	EX. SANITARY MANHOLE
6466	INVERT IN =	19.72	EX. 12" RCP FROM EX. SAN MH (6467)
	INVERT IN =	20.10	EX. 10" PVC FROM EX. SAN MH (7026)
	INVERT OUT =	19.70	EX. 10" RCP TO EX. SAN MH (6632)
EX. SAN MH	TOP =	26.11	EX. SANITARY MANHOLE
6467	INVERT IN =	20.86	EX. 8" DIP FROM SOUTH
	INVERT IN =	21.64	EX. 4" DIP FROM BLDG 301 EAST
	INVERT OUT =	20.71	EX. 10" DIP TO EX. SAN MH (6466)
EX. SAN MH	TOP =	25.63	EX. SANITARY MANHOLE
7026	INVERT IN =	21.88	EX. 5" PVC FROM HOUSE SOUTH
	INVERT OUT =	21.24	EX. 10" PVC TO EX. SAN MH (6466)
EX. SAN MH	TOP =	13.21	EX. SANITARY MANHOLE
6658	INVERT IN =	6.72	EX. 12" RCP FROM EX. SAN MH (6662)
	INVERT IN =	7.33	EX. 10" RCP FROM WEST
	INVERT OUT =	6.31	EX. 12" RCP TO NORTH
EX. SAN MH	TOP =	14.55	EX. SANITARY MANHOLE
6662	INVERT IN =	9.10	EX. 10" RCP FROM EX. SAN MH (6670)
	INVERT IN =	9.11	EX. 10" RCP FROM SOUTH
	INVERT OUT =	9.08	EX. 12" RCP TO EX. SAN MH (6658)
EX. SAN MH	TOP =	16.78	EX. SANITARY MANHOLE
6670	INVERT IN =	10.65	EX. 10" RCP FROM EX. SAN MH (6671)
	INVERT IN =	10.66	EX. 4" DIP FROM HOUSE 200 SOUTH
	INVERT OUT =	10.23	EX. 10" RCP TO EX. SAN MH (6662)
EX. SAN MH	TOP =	16.80	EX. SANITARY MANHOLE
6671	INVERT IN =	11.95	EX. 10" RCP FROM EX. SAN MH (7035)
	INVERT OUT =	10.73	EX. 10" RCP TO EX. SAN MH (6670)
EX. SAN MH	TOP =	24.34	EX. SANITARY MANHOLE
7035	INVERT IN =	19.84	EX. 8" RCP FROM NORTH
	INVERT IN =	20.64	EX. 10" DIP FROM EAST
	INVERT OUT =	19.70	EX. 10" RCP TO EX. SAN MH (6671)

AS-BUILT NOTES:

1. *TOP ELEVATIONS BASED OFF OF VERTICAL DATUM NAVD88*
2. *SUPPLEMENTAL AS-BUILT MEASUREMENTS OBTAINED FROM PREVIOUS SURVEY CONDUCTED BY STANTEC DATED SEPTEMBER 12, 2016*
3. *PIPES DESIGNATED WITH AN (*) WERE NOT ABLE TO BE TRACED TO THEIR CONNECTIONS IN THE FIELD AND WERE PLACED ACCORDING TO GIS RECORDS (EXAMPLE: * EX. 15" RCP)*

No.	Revision	Date
1.	PER CITY OF ALEXANDRIA COMMENTS	04/26/22

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05/17/22
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LAND SURVEYOR

AS-BUILT SURVEY
ALEXANDRIA WATER FRONT IMPROVEMENTS
OF
ALEXANDRIA WATERFRONT IMPROVEMENTS

SCALE: N/A
DATE: 1/21/2022
3560-0101
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