

ARLINGTON 425

ARLINGTON 42
VILLAGE OF ARLINGTON HEIGHTS
COOK COUNTY, ILLINOIS
PROJECT NO:3514.02

CCH, L.L.C.
7458 N. HARLEM AVE.
CHICAGO, IL 60631
PH: 773-775-5400
FAX: 773-775-4433

TINAGLIA ARCHITECTS, INC.
814 W. NORTHWEST HIGHWAY
ARLINGTON HEIGHTS, IL 60004
PH: 847-253-0002

COUNTY COOK
CITY, TOWNSHIP VILLAGE OF ARLINGTON HEIGHTS, WHEELING TOWNSHIP
SEC. & 1/4 SEC. NO. SE 1/4 OF SEC. 30, T42N, R11E

ELEVATION:

INDEX

LOCATION MAP



ORIGINAL PLAN DATE: SEPTEMBER 21, 2018

**ARLINGTON 425
DEVELOPMENT**



9575 W. Higgins Road, Suite 700, Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

**SPACECO INC.**

FILENAME:
3514.02P-TITLE

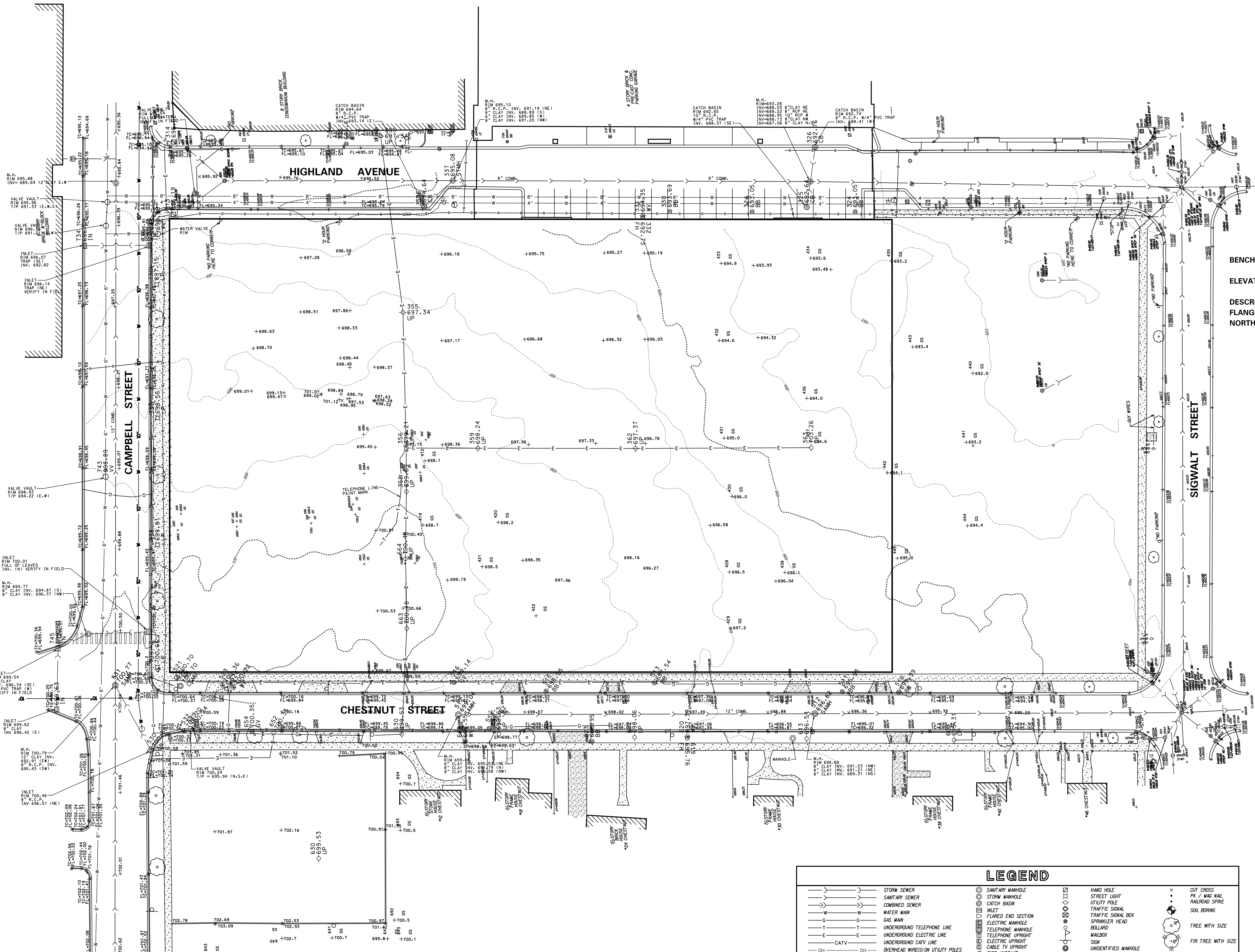
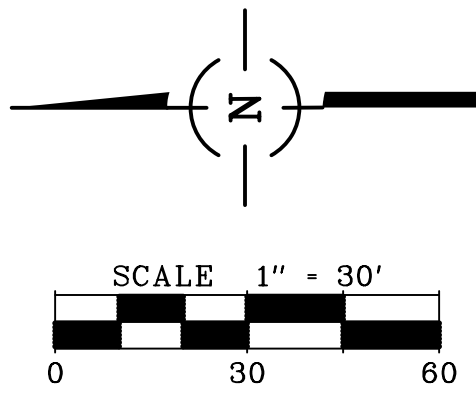
DATE:
09/21/18

JOB NO.
3514.02

SHEET

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BENCHMARK

ELEVATION = 693.47'

DESCRIPTION: " " MARKER X ON NORTHEAST PART OF FLANGE IN BETWEEN BOLTS OF THE FIRE HYDRANT AT THE NORTHWEST CORNER OF HIGHLAND & SIGNAL STREETS.

LEGEND

—	STORM SEWER	○	SANITARY MANHOLE	□	HAND HOLE	×	CUT CROSS
—	SANITARY SEWER	○	STORM MANHOLE	□	STREET LIGHT	+	PA / MAIL
—	COMBINED SEWER	○	CATCH BASIN	□	UTILITY POLE	+	RAILROAD SPOKE
—	GAS MAIN	□	INLET	□	TRAFFIC SIGNAL	+	SOIL BORING
—	UNDERGROUND TELEPHONE LINE	□	FLARED END SECTION	□	SPRINKLER HEAD	+	TREE WITH SIZE
—	UNDERGROUND ELECTRIC LINE	□	ELECTRIC MANHOLE	□	MAILBOX	+	FIR TREE WITH SIZE
—	UNDERGROUND CATV LINE	□	TELEPHONE UPRIGHT	□	UNIDENTIFIED MANHOLE	+	BUSH
—	OVERHEAD WIRELESS ON UTILITY POLES	□	ELECTRIC UPRIGHT	□	SPOT ELEVATION	+	ASPHALT
—	FIBER OPTIC LINE	□	CABLE TV UPRIGHT	□	RIGHT-OF-WAY MONUMENT	+	CONCRETE
—	FENCE	□	FIRE HYDRANT	□	DISC	+	GRAVEL
—	GUARDRAIL	□	VALVE AND VAULT	□	IRON / STEEL ROD	+	
—	EDGE OF WATER	□	WATER VALVE	□	WELL	+	
—	WETLAND LIMITS	□	AUXILIARY VALVE	□	IRON PIPE	+	
—		□	GAS VALVE	□		+	

NOTE:

UNDERGROUND UTILITIES ARE SHOWN BY USING PHYSICAL EVIDENCE FOUND ON THE SURFACE AND/OR FROM UTILITY COMPANY FIELD STAKES AND, THEREFORE, THEIR LOCATIONS ARE APPROXIMATE AND SUSPECTED AND MAY NOT BE COMPLETELY ACCURATE. FOR MORE ACCURATE LOCATION, FIELD EXCAVATE.

PIPE FLOW DIRECTIONS, IF SHOWN, ARE BASED ON FIELD INVERT ELEVATIONS UNLESS EXISTING PLANS INDICATE OTHERWISE. IN WHICH CASE THE EXISTING PLAN FLOW DIRECTION IS SHOWN.

LAST DAY OF FIELD WORK: SEPT. 23, 2002

THE BOUNDARY SHOWN IS FROM AN A.L.T.A. / A.C.S.M. LAND TITLE SURVEY COMPLETED BY CE DESIGN, LTD. DATED OCTOBER 25, 1995

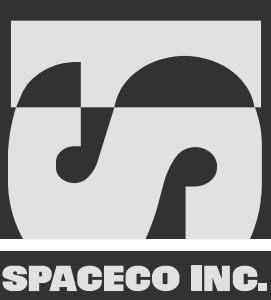
EXISTING ON-SITE IMPROVEMENTS NOT SHOWN AT REQUEST OF CLIENT.

EXISTING CONDITIONS

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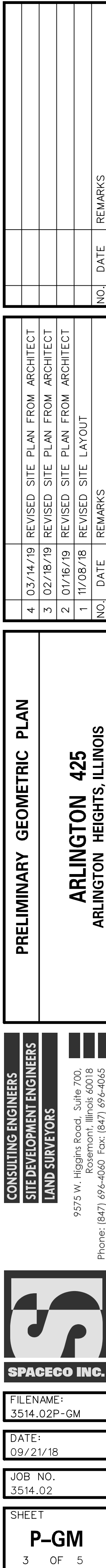


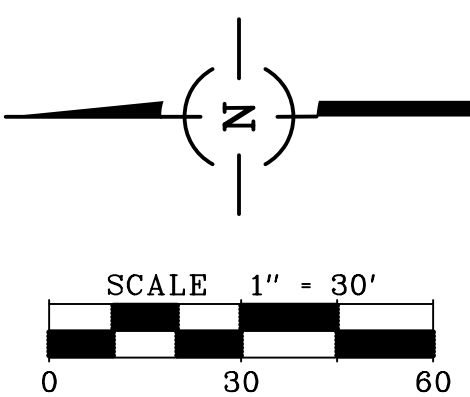
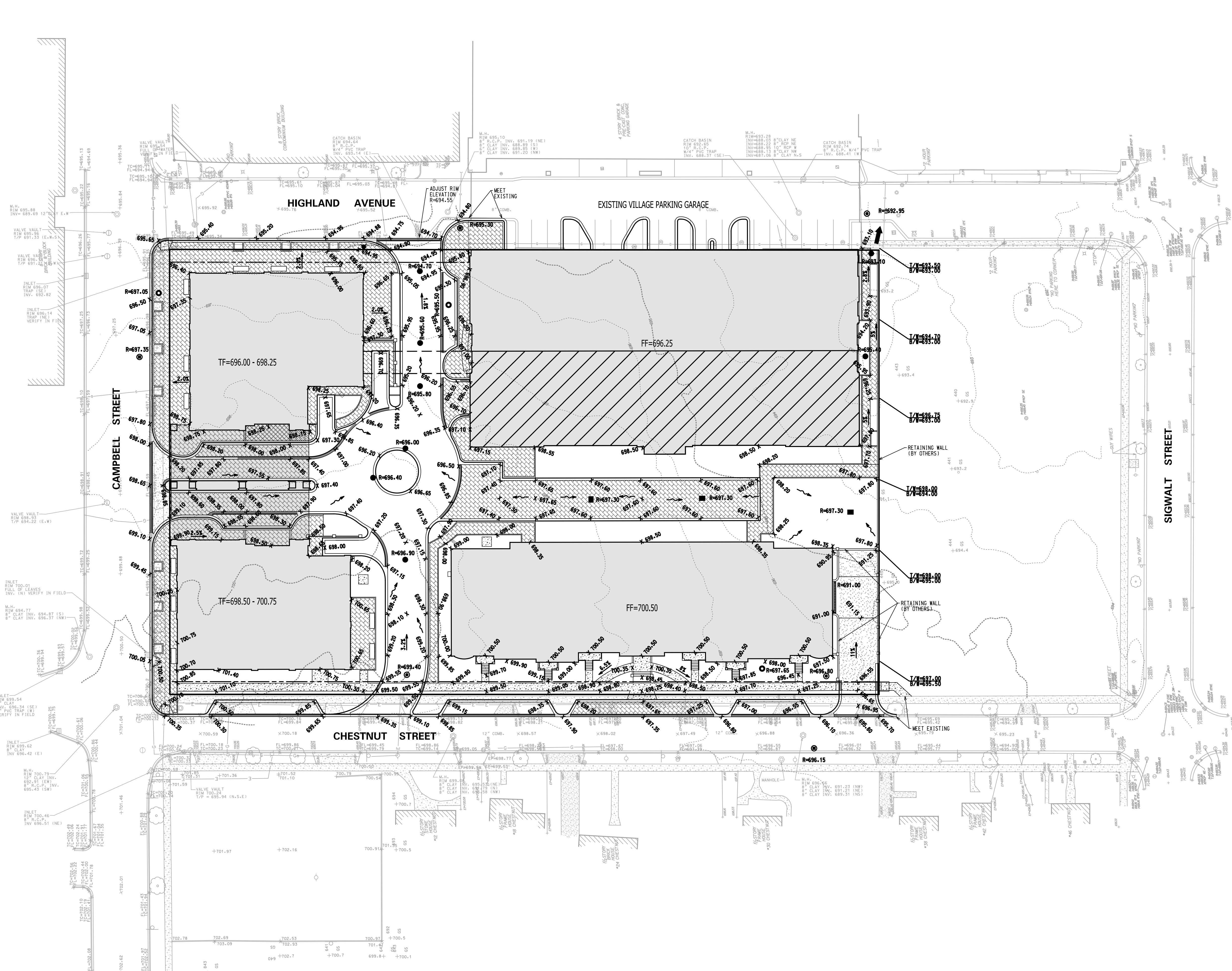
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- LEGEND**
- F/F FINISHED FLOOR
 - T/F FINISHED FLOOR
 - LOCAL DRAINAGE
 - 100-YEAR OVERLAND FLOW ROUTE
 - LOCAL DRAINAGE DIVIDE
 - TOP OF CURB
EDGE OF PAVEMENT
 - TOP OF WALL
BOTTOM OF WALL

PRELIMINARY GRADING PLAN

ARLINGTON 425
ARLINGTON HEIGHTS, ILLINOIS

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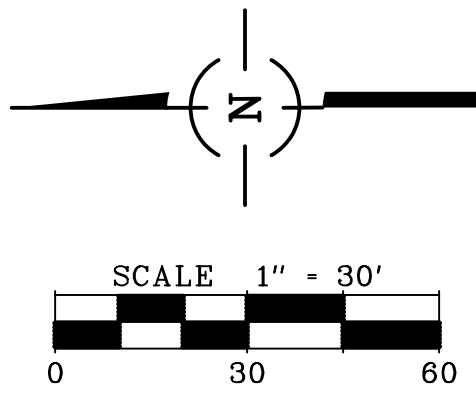
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NO.	DATE	REMARKS
4	03/14/19	REVISED SITE PLAN FROM ARCHITECT
3	02/18/19	REVISED SITE PLAN FROM ARCHITECT
2	01/16/19	REVISED SITE PLAN FROM ARCHITECT
1	11/08/18	REVISED SITE LAYOUT

NO.	DATE	REMARKS

SITE STORMWATER MANAGEMENT SUMMARY		
	REQUIRED	PROVIDED
DETENTION STORAGE	0.89	0.98
VOLUME CONTROL	0.19	0.20

VOLUME CONTROL SUMMARY (PER MWRD)		
VOLUME CONTROL PRACTICE	AREA	STORAGE VOLUME
12" GREEN ROOF	6,000 SF	1,500 CF
30" PERMEABLE PAVEMENT	10,000 SF	7,200 CF
TOTAL STORAGE		8,700CF (0.20AC-FT)



STORM STRUCTURE LEGEND

STRUCTURE ABBREVIATION
STRUCTURE NUMBER

M-100
A4D, 1P

FRAME AND LID TYPE
DIAMETER & SIZE OF STRUCTURE
TYPE OF STRUCTURE

LEGEND

M = MANHOLE
CB = CATCH BASIN/DRY WELL
YD = YARD DRAIN/INLET
DW = DRYWELL
S = SANITARY MANHOLE
PC = PRESSURE CONNECTION

TRENCH BACKFILL

STORM MANHOLE
CATCH BASIN/DRY WELL
YARD DRAIN/INLET
PRESSURE CONNECTION
SANITARY MANHOLE
STORM SEWER
SANITARY SEWER
WATER MAIN
LIGHT POLE

STORMWATER DETENTION VAULT

PRELIMINARY UTILITY PLAN

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