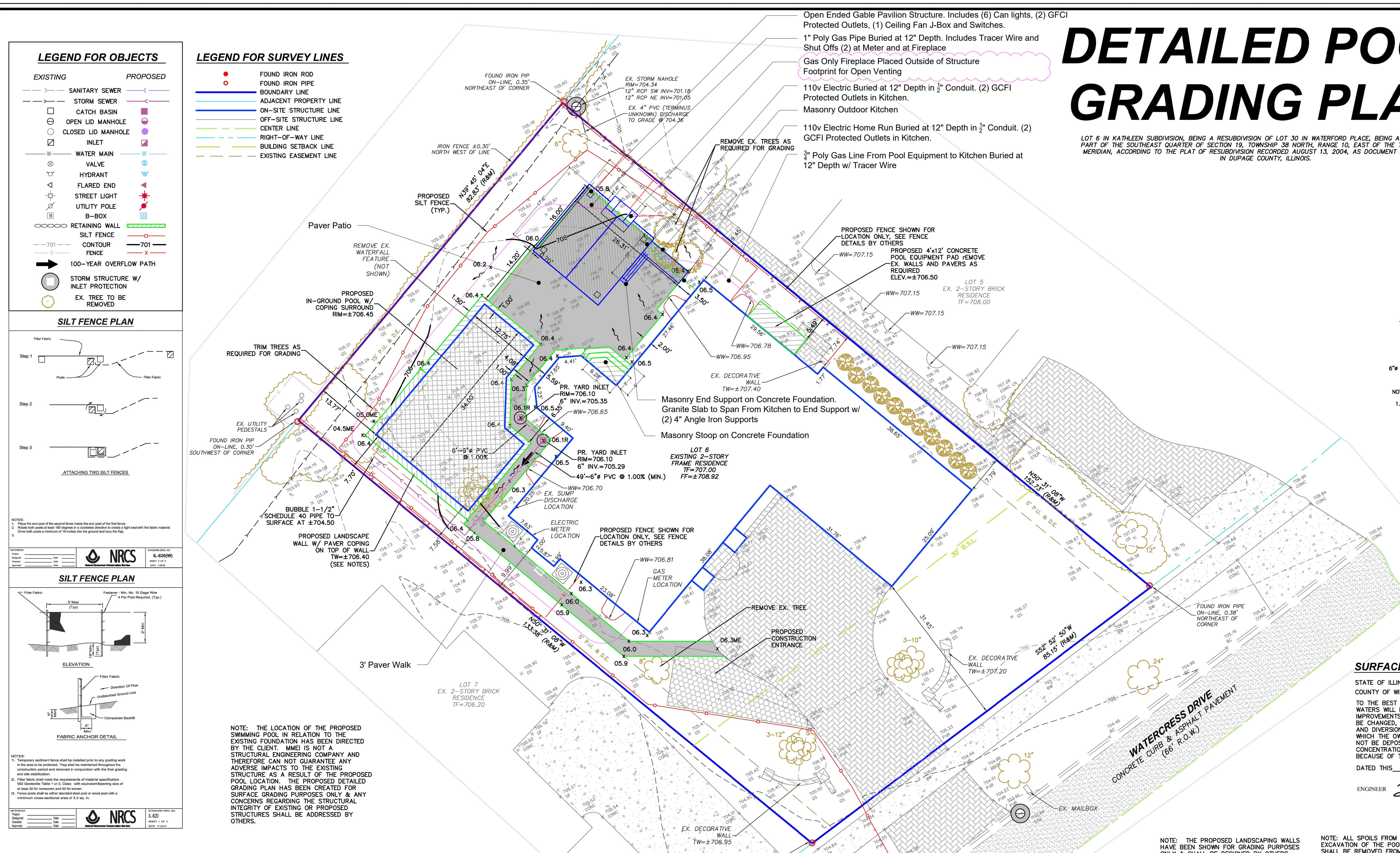


# DETAILED POOL GRADING PLAN

LOT 6 IN KATHLEEN SUBDIVISION, BEING A RESUBDIVISION OF LOT 30 IN WATERFORD PLACE, BEING A SUBDIVISION IN PART OF THE SOUTHWEST QUARTER OF SECTION 16, TOWNSHIP 36 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAN OF RESUBDIVISION RECORDED AUGUST 13, 2004, AS DOCUMENT R2004-216857, IN DUPAGE COUNTY, ILLINOIS.



**LEGEND FOR OBJECTS**

EXISTING: SANITARY SEWER, STORM SEWER, CATCH BASIN, OPEN LID MANHOLE, CLOSED LID MANHOLE, CENTER LINE, RIGHT-OF-WAY LINE, BUILDING SETBACK LINE, EXISTING EASEMENT LINE.

PROPOSED: SANITARY SEWER, STORM SEWER, CATCH BASIN, OPEN LID MANHOLE, CLOSED LID MANHOLE, CENTER LINE, RIGHT-OF-WAY LINE, BUILDING SETBACK LINE, EXISTING EASEMENT LINE.

**SILT FENCE PLAN**

Step 1: Installation of silt fence along perimeter.

Step 2: Installation of silt fence along perimeter.

Step 3: Attaching two silt fences.

**SILT FENCE PLAN**

ELEVATION: 100.00

**PAVEMENT LEGEND**

PROPOSED PAVERS, PROPOSED CONCRETE/CORING, EXISTING BITUMINOUS PAVEMENT, PROPOSED POOL, EXISTING PAVERS, EXISTING DECK/COVERED PORCH, EXISTING CONCRETE.

**ABBREVIATIONS:**

P.U. & D.E., N.F., N.A., L.C., B.S.L., TF, LO, WO, MW, DS, BL, SP, TL, etc.

**NOTES:**

**EROSION CONTROL:** TO BE APPLIED PER THE ILLINOIS URBAN MANUAL, LATEST EDITION. SEDIMENT & EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES. THE SEDIMENT & EROSION CONTROL MEASURES SHALL BE PROPERLY MAINTAINED THROUGHOUT THE PROJECT & SHALL REMAIN IN PLACE UNTIL THE FINAL VEGETATED COVER HAS BEEN ESTABLISHED AND/OR PERMANENT EROSION CONTROL MEASURES HAVE BEEN INSTALLED. ANY SEDIMENT & EROSION CONTROL MEASURES THAT ARE REMOVED, AS A RESULT OF ANY CONSTRUCTION ACTIVITIES, MUST BE PROPERLY REINSTALLED PRIOR TO THE END OF EACH DAY.

CONSTRUCTION ACCESS SHALL BE LIMITED TO THE AREAS IDENTIFIED ON THE APPROVED SITE/GRADING PLAN.

CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION TO DETERMINE IF ANY CONFLICTS EXIST. THE DESIGN ENGINEER MUST BE NOTIFIED PRIOR TO START OF CONSTRUCTION. COMPARE ALL POINTS BEFORE BUILDING AND REPORT ANY DIFFERENCES AT ONCE. FOR BUILDING LINES, EASEMENTS AND OTHER RESTRICTIONS SHOWN HEREON REFER TO YOUR DEEDS, CONTRACTS, TITLE POLICY, ZONING ORDINANCE, ETC.

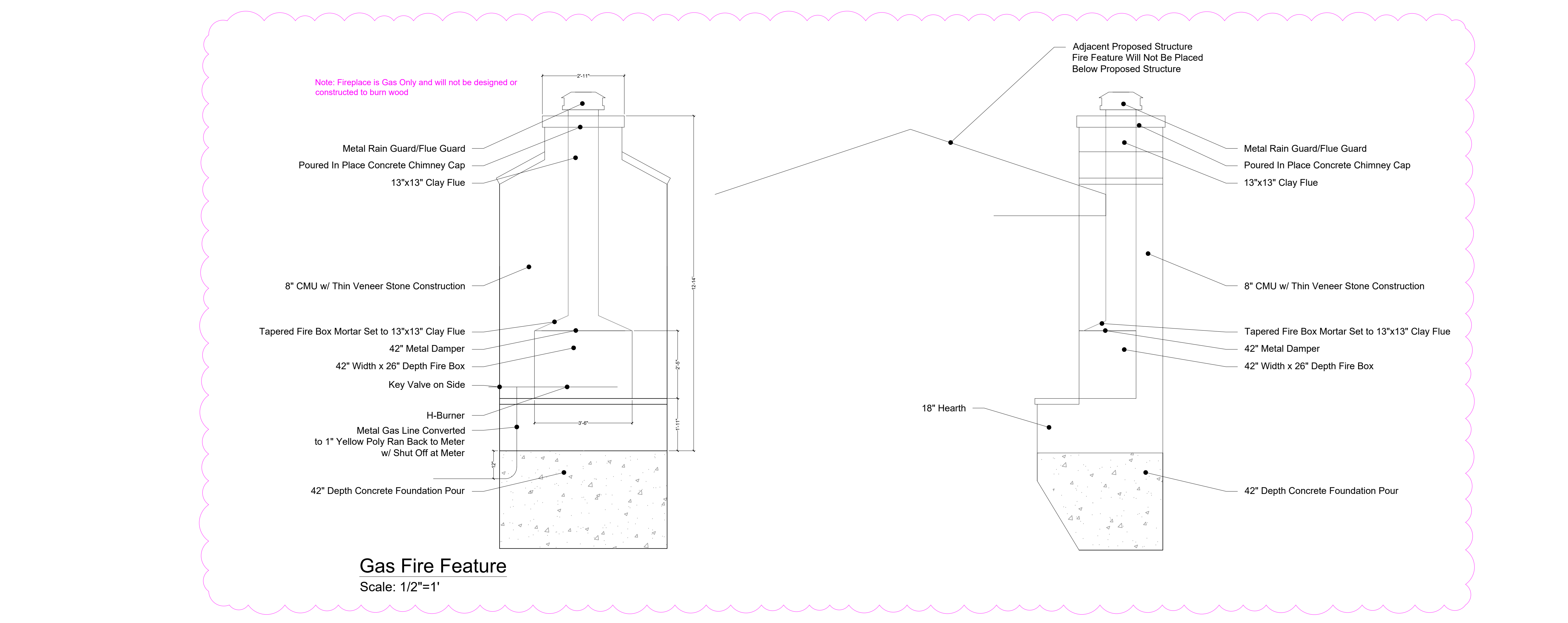
ANY DIRT, STONES, OR DEBRIS TRACKED ONTO PUBLIC SIDEWALKS OR STREETS SHALL BE REMOVED BY THE END OF EACH WORKDAY.

FOR UNDERGROUND UTILITY LOCATIONS AND PRIOR TO ANY CONSTRUCTION, CONTACT J.U.L.I.E., TOLL FREE 1-800-892-0123.

THE EXISTING UTILITY AND DRAINAGE EASEMENTS SHALL BE RESTORED TO THE EXISTING CONDITION ONCE THE CONSTRUCTION HAS BEEN COMPLETED. DAMAGE TO THE ROAD, DRIVEWAY, CURB, PARKWAY, OR SIDEWALK SHALL BE RESTORED, AT THE HOMEOWNER'S COST, IN A TIMELY MANNER.

**BENCHMARK:** 7' MARKED ON THE BACK OF CURB IN FRONT OF THE FIRE HYDRANT SOUTHWEST OF THE PROPERTY. ELEV=704.70

**CLIENT:** KEVIN LORENZ



**Gas Fire Feature**  
Scale: 1/2"=1'

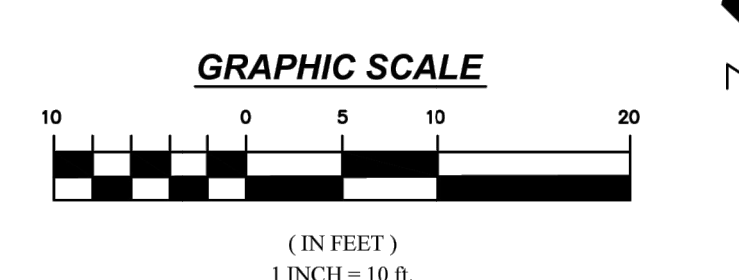
**Typical Grill Island**  
Scale: 3/4"=1'

**SURFACE WATER DRAINAGE CERTIFICATE:**

STATE OF ILLINOIS } S.S.  
COUNTY OF WILL }  
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THESE LOT IMPROVEMENTS OR ANY PART THEREOF, OR THAT IF SUCH SURFACE WATER WILL BE CHANGED, ADEQUATE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND OVERFLOW OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE OWNER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATER WILL NOT BE DEPOSITED ON THE PROPERTY OF ADJOINING LAND OWNERS IN SUCH CONCENTRATIONS AS MAY CAUSE DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THESE LOT IMPROVEMENTS.

DATED THIS 27 TH DAY OF DECEMBER, 2023

ENGINEER: *[Signature]*



**NAPERVILLE POOL GRADING PLAN**

923 WATERCREST DRIVE  
NAPERVILLE, ILLINOIS

**DETAILED GRADING PLAN**

DRAWN BY: JDM  
SCALE: 1"=10'  
DATE: 10/09/23

CHECKED BY: BMM  
SHEET: 1 OF 1

**MARTIN M. Engineering, Inc.**  
SITE DESIGN CIVIL ENGINEERS & SURVEYORS  
20123 OSWEGOOD DRIVE  
MCKENA, ILLINOIS 60448  
VOICE: (708) 995-1323  
FAX: (708) 995-1384  
LICENSE NO. 184-000295-0010

#	DATE	DESCRIPTION
1	11/20/23	PER CLIENT REVIEW
2	12/18/23	PER CLIENT REVIEW
3	12/21/23	PER CLIENT REVIEW

**PROPOSED LOT COVERAGE**

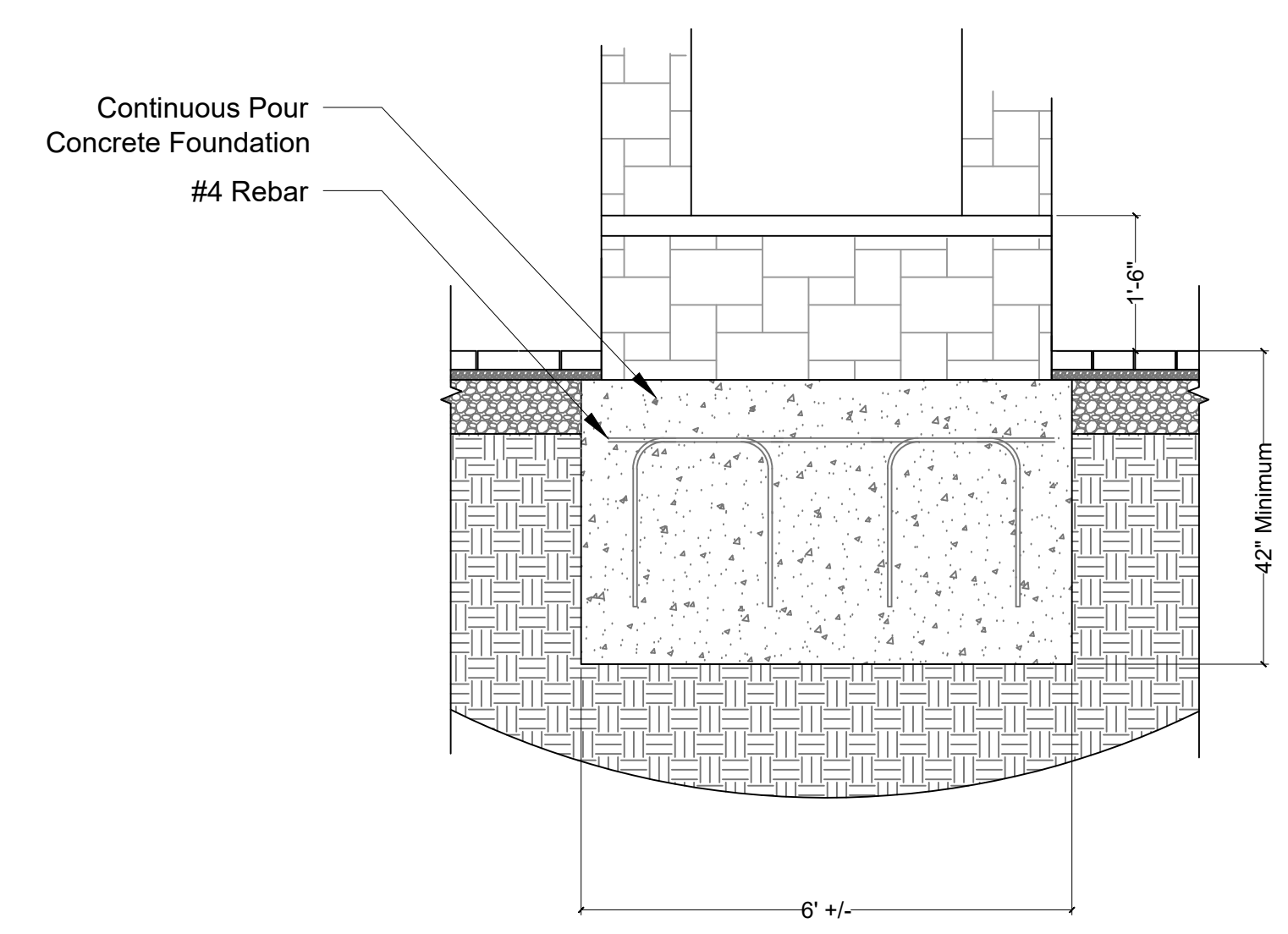
LOT AREA = 11,849 SF  
BUILDING AREA = 3,245 SF  
BUILDING COVERAGE = 27,395 SF  
EX. PAVERS = 1,898 SF  
EX. COVERED PORCH = 20 SF  
EX. WALLS = 104 SF  
EX. COVERAGE = 5,245 SF (44.43%)  
TOTAL COVERAGE = 6,651 SF (56.36%)

**PROPOSED REAR-YARD COVERAGE**

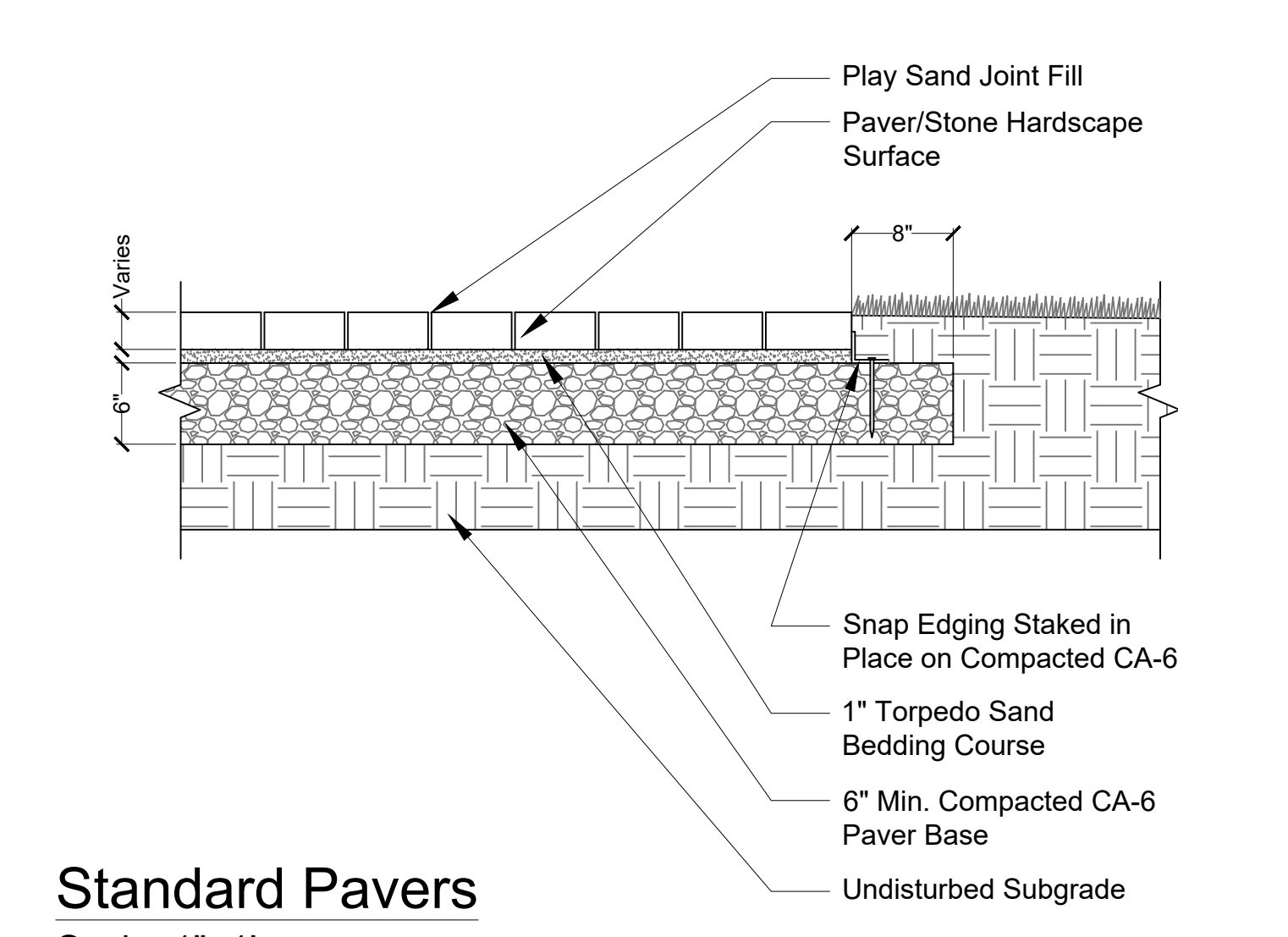
REAR YARD AREA = 2,485 SF  
PROPOSED POOL = 514 SF  
PROPOSED WALL = 35 SF  
PROPOSED CORING = 26 SF  
PROPOSED PAVERS = 500 SF  
500 SF EXEMPTION FOR OPEN PAVEMENT (PATIO)  
TOTAL COVERAGE = 605 SF (24.33%)

**PROPOSED POOL**

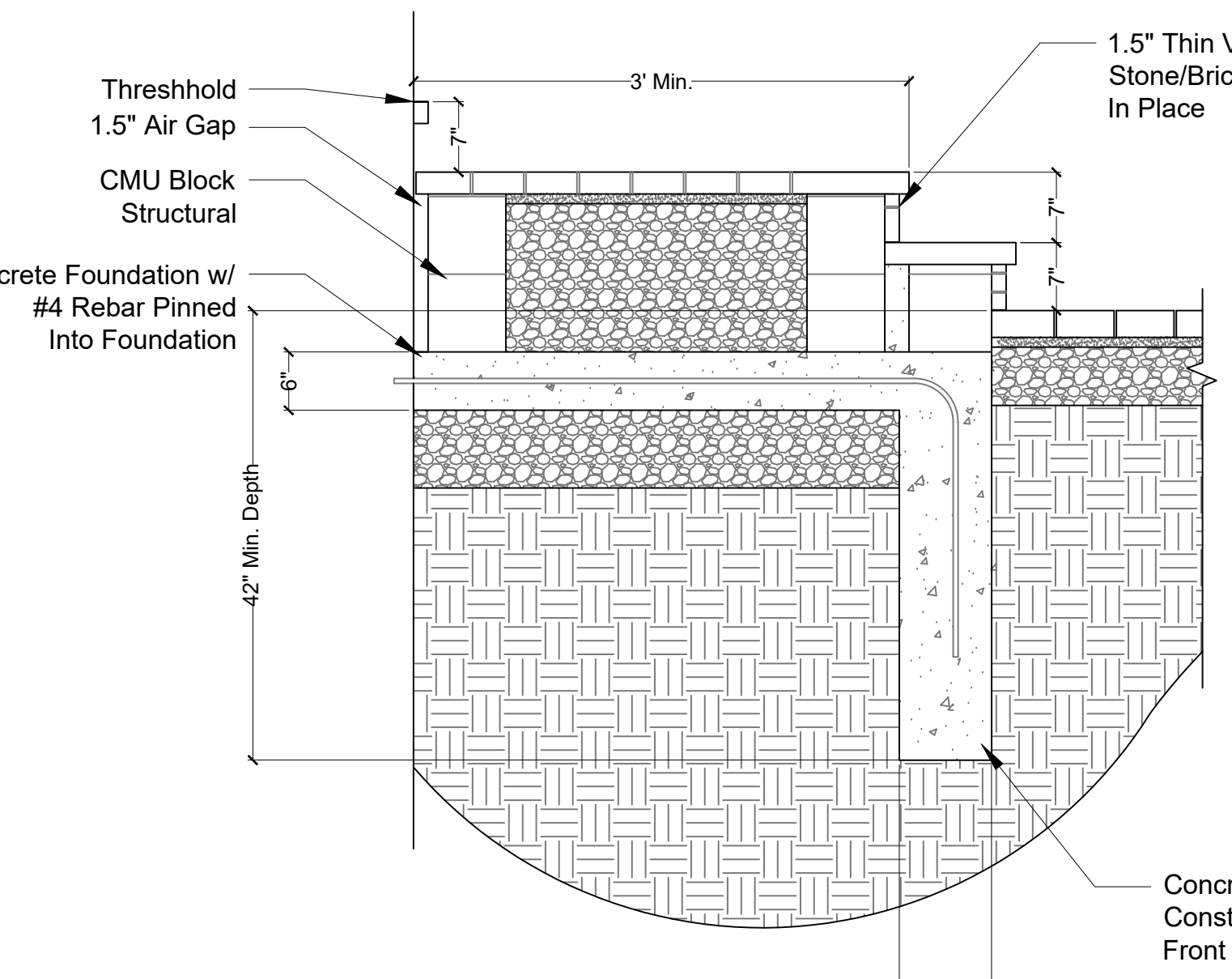
PROPOSED POOL = 655 SF  
PROPOSED WALLS = 50 SF  
PR. CONCRETE/CORING = 167 SF  
PROPOSED PAVERS = 1,067 SF  
TOTAL COVERAGE = 6,681 SF (56.36%)



**Fireplace Foundation**  
Scale: 1/2"=1'



**Standard Pavers**  
Scale: 1"=1'



**Masonry Stoop**  
Scale: 3/4"=1'