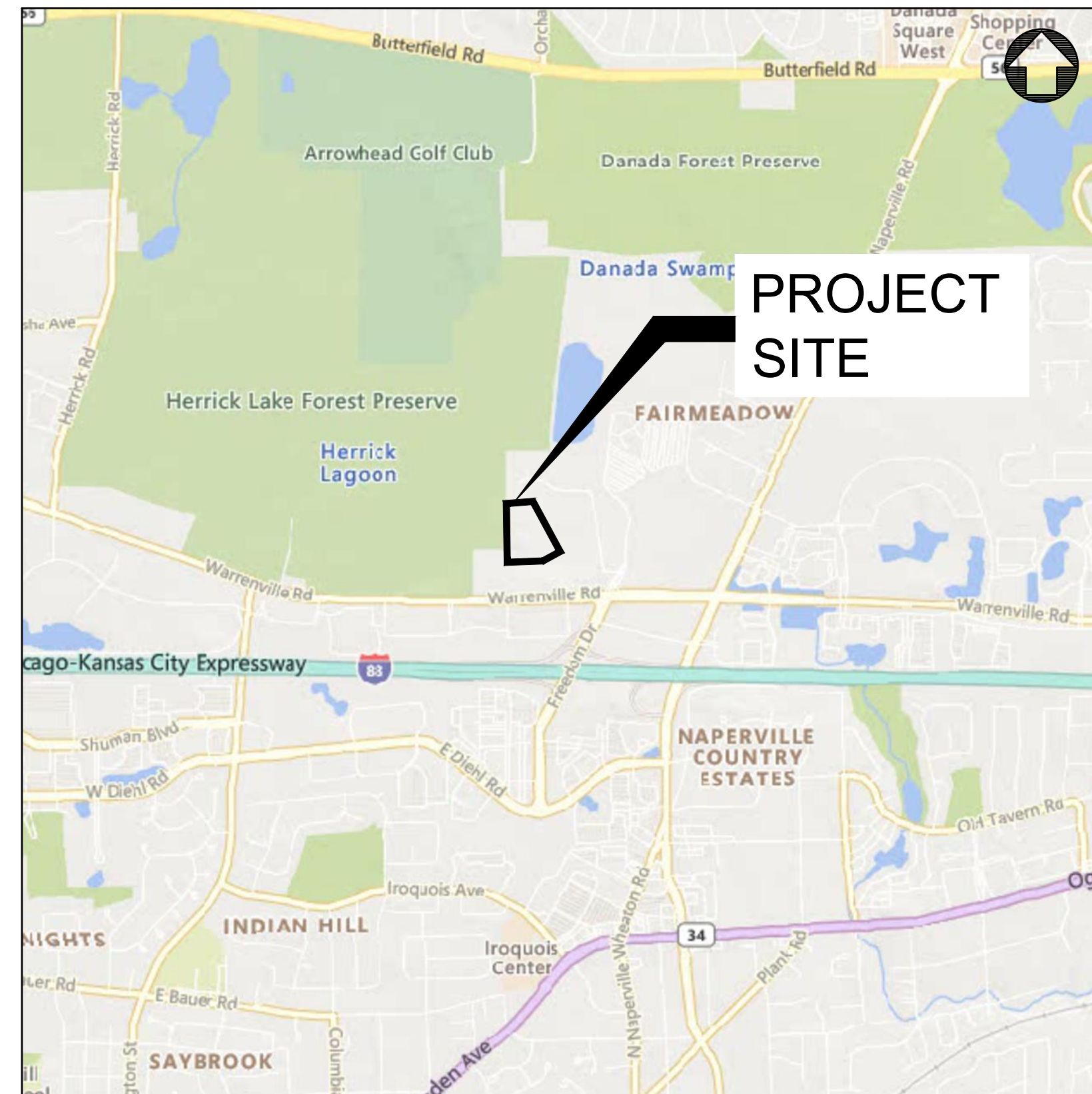


PRELIMINARY ENGINEERING FOR NORTHWOODS OF NAPERVILLE

1151 WARRENVILLE ROAD, NAPERVILLE, IL 60563

SHEET INDEX		
SHEET NUMBER	SHEET TITLE	SHEET DESCRIPTION
1	Cover Sheet	C0.0
2	Existing Conditions & Demolition Plan	C1.0
3	Site Dimensional & Paving Plan	C2.0
4	Grading & Drainage Plan	C3.0
5	Soil Erosion Control Plan	C4.0
6	Utility Plan	C5.0

LOCATION MAP



SECTION 5, TOWNSHIP 38N, RANGE 10E

EXISTING LEGEND		PROPOSED LEGEND	
	EXISTING TREE		CURB & GUTTER
	CURB & GUTTER		REVERSE PITCH CURB & GUTTER
	EXISTING BUILDING		DEPRESSED CURB & GUTTER
	PCC SIDEWALK		PROPOSED BUILDING
	GAS SERVICE		PCC SIDEWALK
	ELECTRIC SERVICE		STANDARD DUTY PAVEMENT
	STORM SEWER		HEAVY DUTY PAVEMENT
	SANITARY SEWER		GAS SERVICE
	WATER MAIN		ELECTRIC SERVICE
	CABLE LINE		STORM SEWER
	OVERHEAD UTILITY LINE		SANITARY SEWER
	COMMUNICATION LINE		WATER MAIN
	FIBER OPTIC LINE		FENCE
	FENCE		STORM STRUCTURE
	STORM STRUCTURE		DOWNSPOUT CONNECTION
	SANITARY MANHOLE		SANITARY MANHOLE
	CLEANOUT		CLEANOUT
	WATER METER		WATER METER
	VALVE VAULT		VALVE VAULT
	VALVE BOX		VALVE BOX
	HYDRANT		HYDRANT
	GAS METER		GAS METER
	ELECTRIC METER		ELECTRIC METER
	PARKING LOT LIGHT		PARKING LOT LIGHT
	UTILITY POLE		FLOW ARROW
	GUY WIRE		OVERLAND FLOOD ROUTE
	TRANSFORMER		TOP OF SIDEWALK GRADE
	FIBER OPTIC BOX		TOP OF CURB GRADE
	FIBER OPTIC PEDESTAL		PAVEMENT GRADE
	CABLE PEDESTAL		GROUND GRADE
	PHONE PEDESTAL		MAJOR CONTOUR
	ELECTRIC PEDESTAL		MINOR CONTOUR
	MAJOR CONTOUR		
	MINOR CONTOUR		

BENCHMARK INFORMATION
SOURCE BENCHMARK:
DUPAGE COUNTY 0167
NGS PID: DK3215
(BRASS DISC)
ELEVATION: 759.889 (NAVD 88')
(N 41° 48.535' W 088° 08.335')

CONTACTS		
DEVELOPER	ENGINEER	SURVEYOR
M/I HOMES OF CHICAGO, LLC	CAGE ENGINEERING, INC.	THOMSON SURVEYING, LTD.
SCOTT BARENBRUGGE	FREDERICK W. THAETE, P.E.	WALTER LUTZ, P.L.S.
2135 CITY GATE LN, STE 620	2200 CABOT DR, STE 325	9575 W HIGGINS RD, STE 850
NAPERVILLE, IL 60563	LISLE, IL 60532	ROSEMONT, IL 60018
630.328.2716	630.598.0007	847.318.9790

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LISLE, IL 60532
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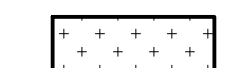





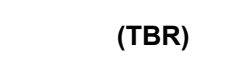
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COVER SHEET

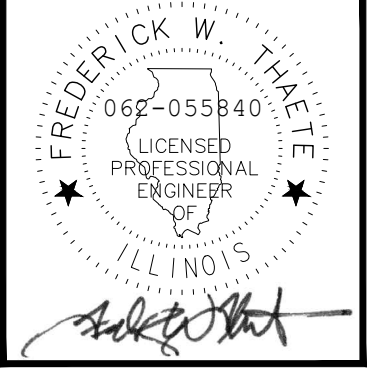
SHEET NUMBER
C0.0
1 OF 6




DEMOLITION LEGEND

-  BUILDING DEMOLITION
-  BITUMINOUS PAVEMENT REMOVAL, FULL DEPTH
-  CONCRETE PAVEMENT / SIDEWALK REMOVAL, FULL DEPTH
-  SAWCUT PAVEMENT, FULL DEPTH
-  CURB & GUTTER REMOVAL
-  UTILITY REMOVAL
-  TREE/BUSH REMOVAL
-  UTILITY STRUCTURE REMOVAL (TBR)

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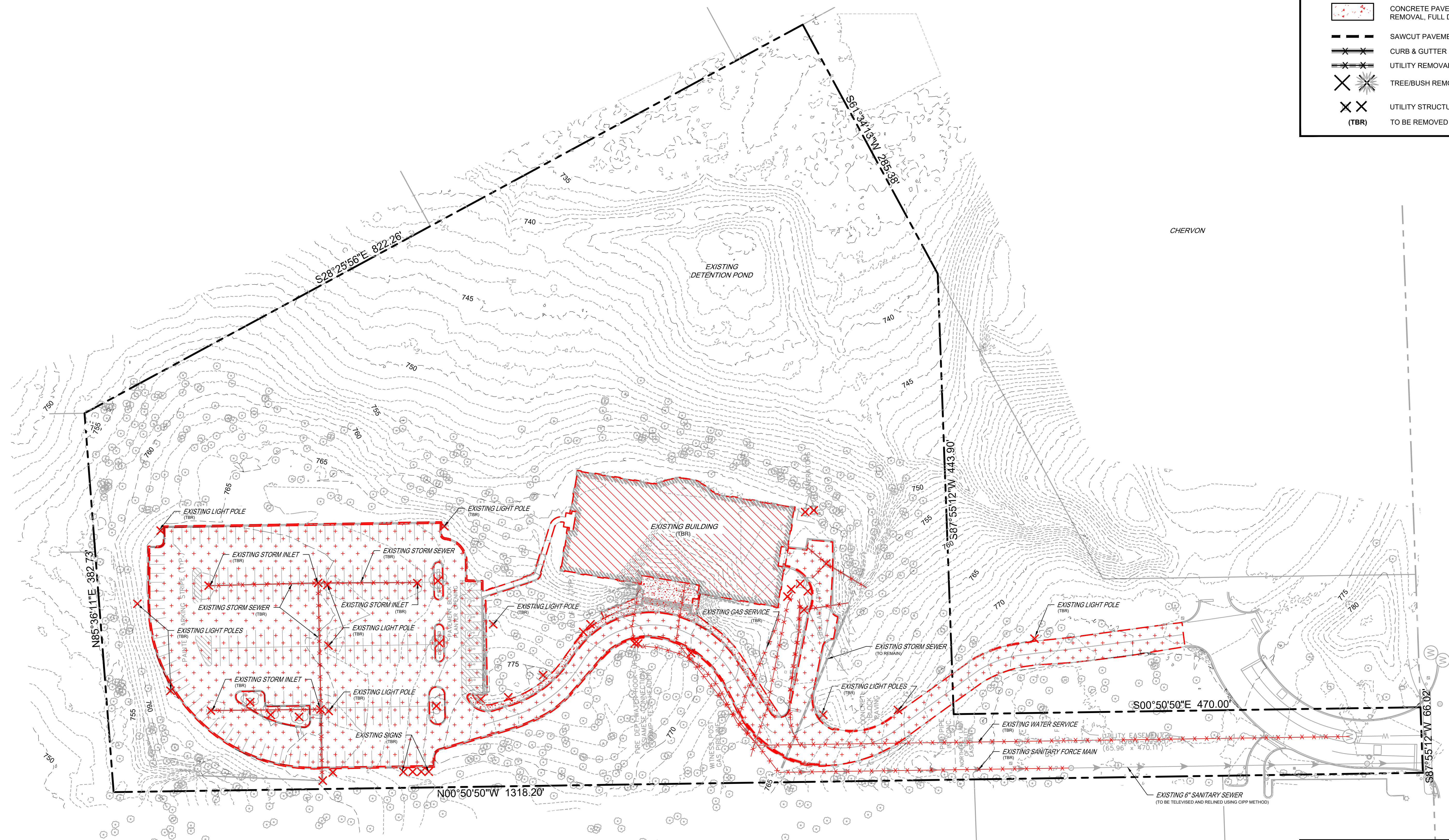
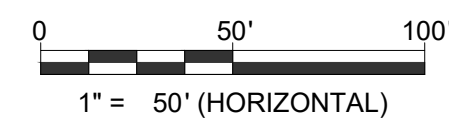
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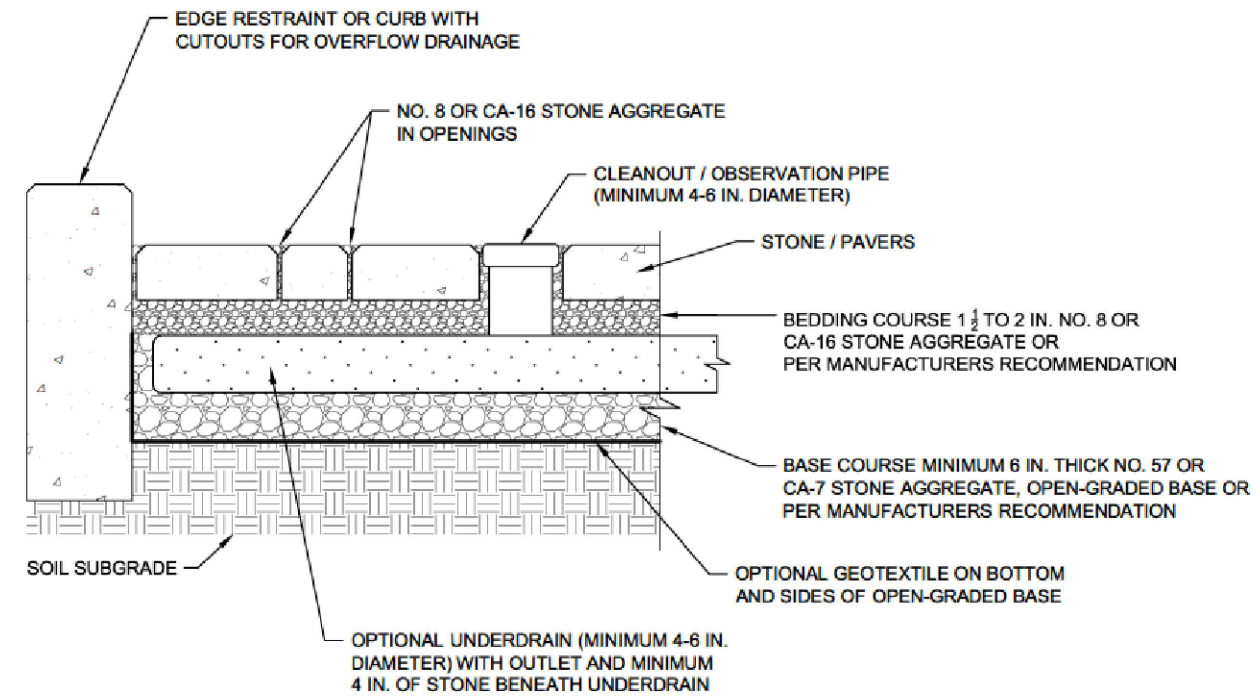
SHEET TITLE
EXISTING CONDITIONS & DEMOLITION PLAN

SHEET NUMBER
C1.0
2 OF 6



JULIE CALL BEFORE YOU DIG
811



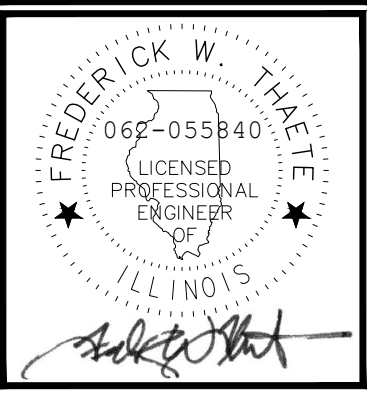


PERMEABLE PAVER TYPICAL DETAIL

PAVEMENT LEGEND	
	CURB & GUTTER
	PROPOSED BUILDING
	PCC SIDEWALK
	DRIVEWAY ASPHALT PAVEMENT
	PERMEABLE PAVERS
	PRIVATE ROADWAY ASPHALT PAVEMENT

SITE DATA SUMMARY	
TOTAL PROPERTY AREA =	12.18 ACRES
FRONT-LOAD TOWNHOME UNITS =	30
REAR-LOAD TOWNHOME UNITS =	34
TOTAL PROPOSED TOWNHOME UNITS =	64
OCI DISTRICT STANDARDS:	
FRONT YARD SETBACK (SOUTH) =	20 FEET
REAR YARD SETBACK (NORTH) =	15 FEET
SIDE YARD SETBACK (EAST/WEST) =	10 FEET
IMPERVIOUS AREA COVERAGE:	
EXISTING IMPERVIOUS AREA =	127,748 SF
PROPOSED IMPERVIOUS AREA =	152,473 SF
NET NEW IMPERVIOUS AREA =	24,725 SF

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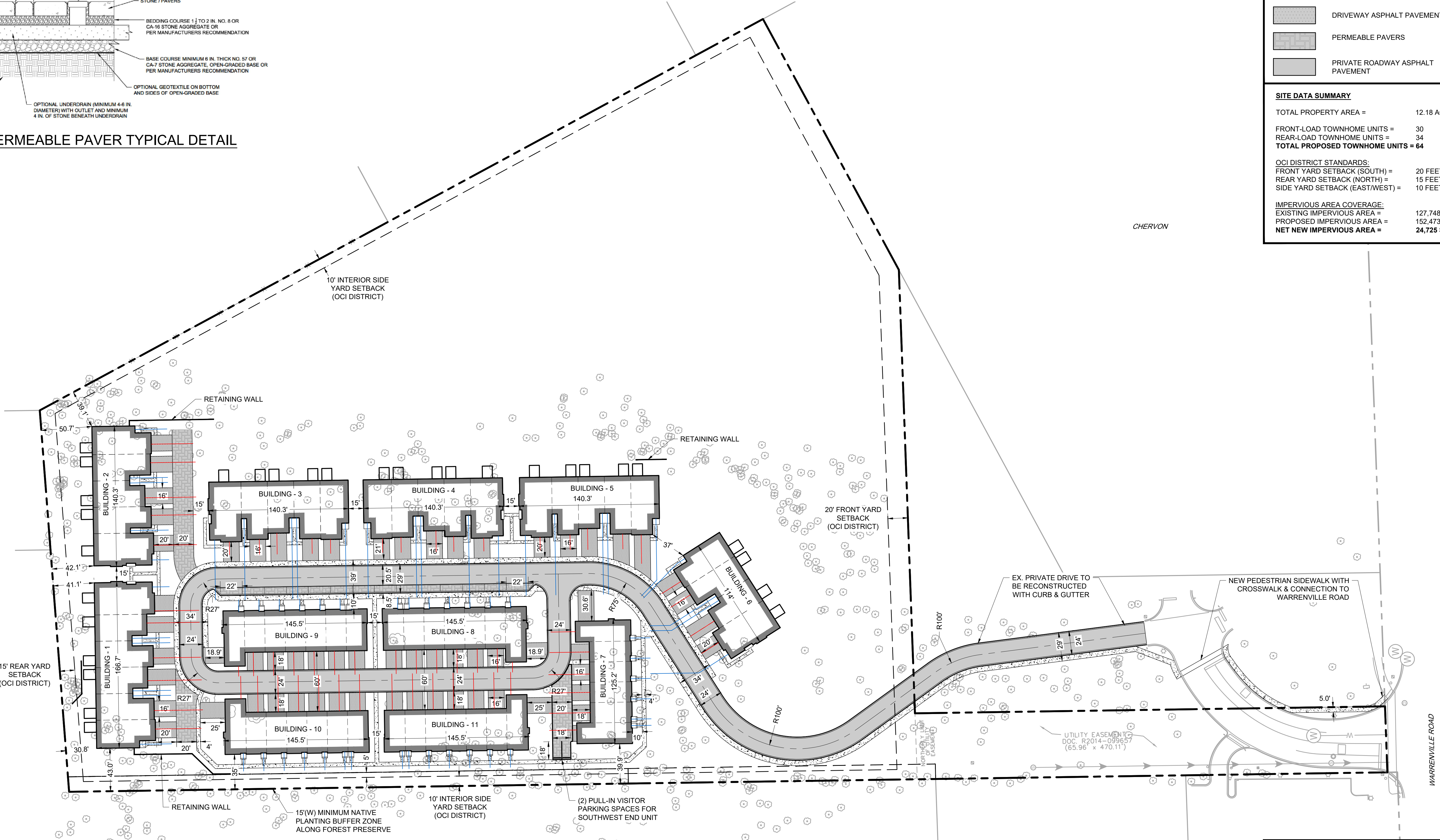
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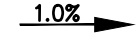
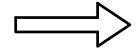




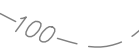


SHEET TITLE
SITE DIMENSIONAL & PAVING PLAN

SHEET NUMBER
C2.0

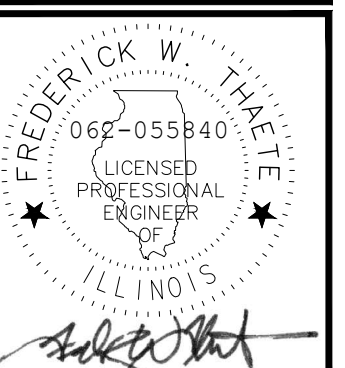


1" = 50' (HORIZONTAL)

GRADING LEGEND

-  DRAINAGE ARROW
-  OVERLAND FLOOD ROUTE
-  SPOT ELEVATION
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  W/O WALKOUT UNIT (9' - 8" BELOW T/F)
-  L/O LOOKOUT UNIT (4' - 8" BELOW T/F)

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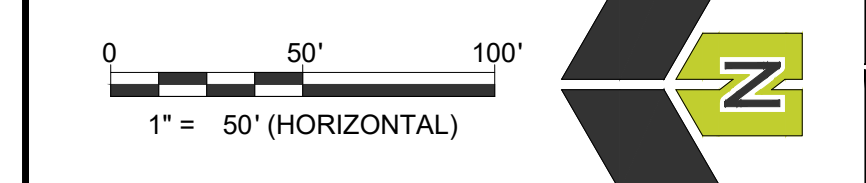


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811

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SHEET TITLE
**GRADING &
 DRAINAGE
 PLAN**

SHEET NUMBER
C3.0



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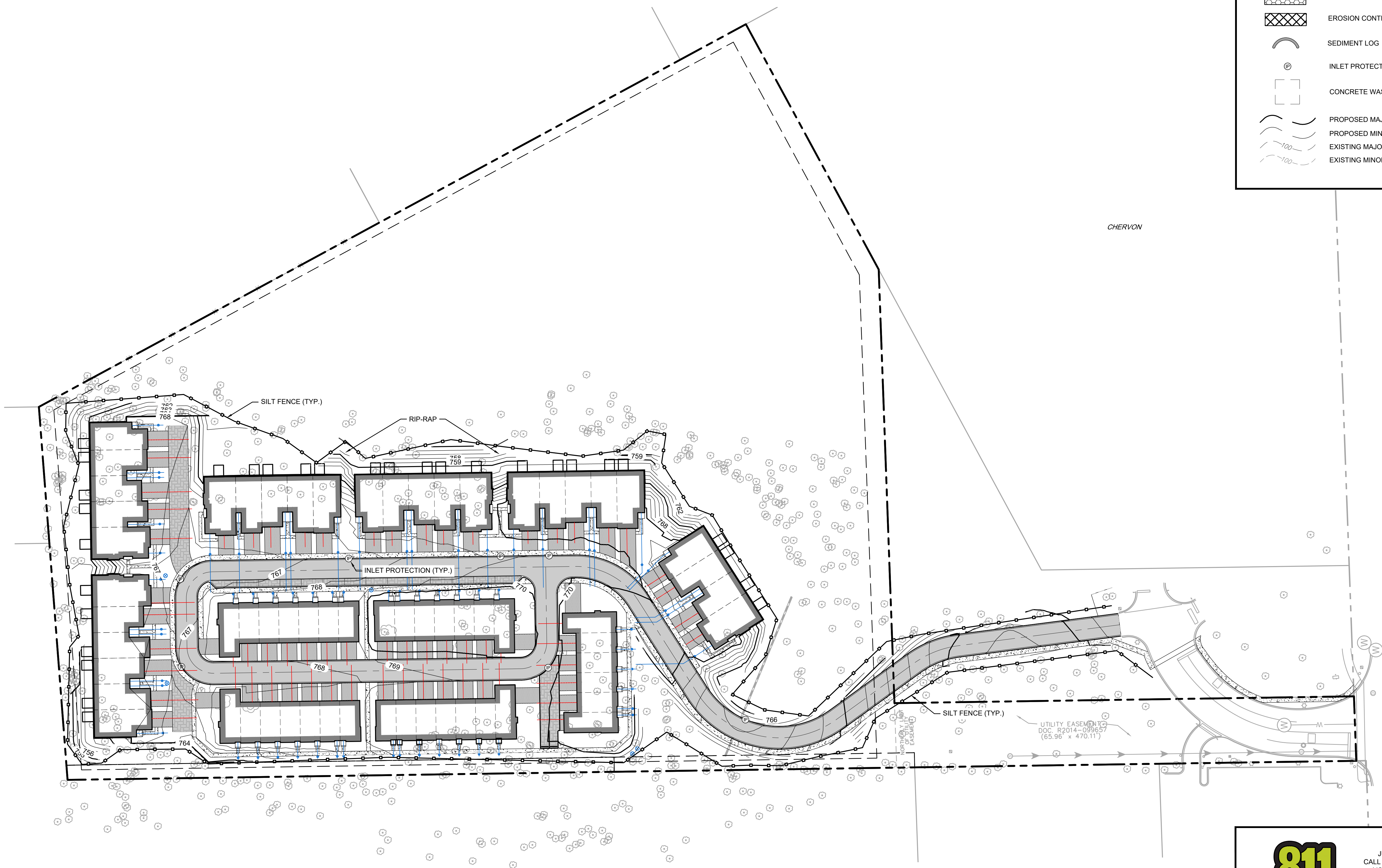
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SHEET TITLE
SOIL EROSION CONTROL PLAN

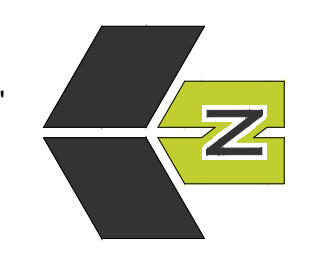
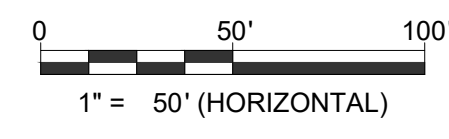
SHEET NUMBER
C4.0
 5 OF 6

SESC LEGEND

- SILT FENCE
- TEMPORARY CONSTRUCTION ENTRANCE
- RIP RAP
- EROSION CONTROL BLANKET
- SEDIMENT LOG
- INLET PROTECTION FILTER BASKET
- CONCRETE WASHOUT
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR



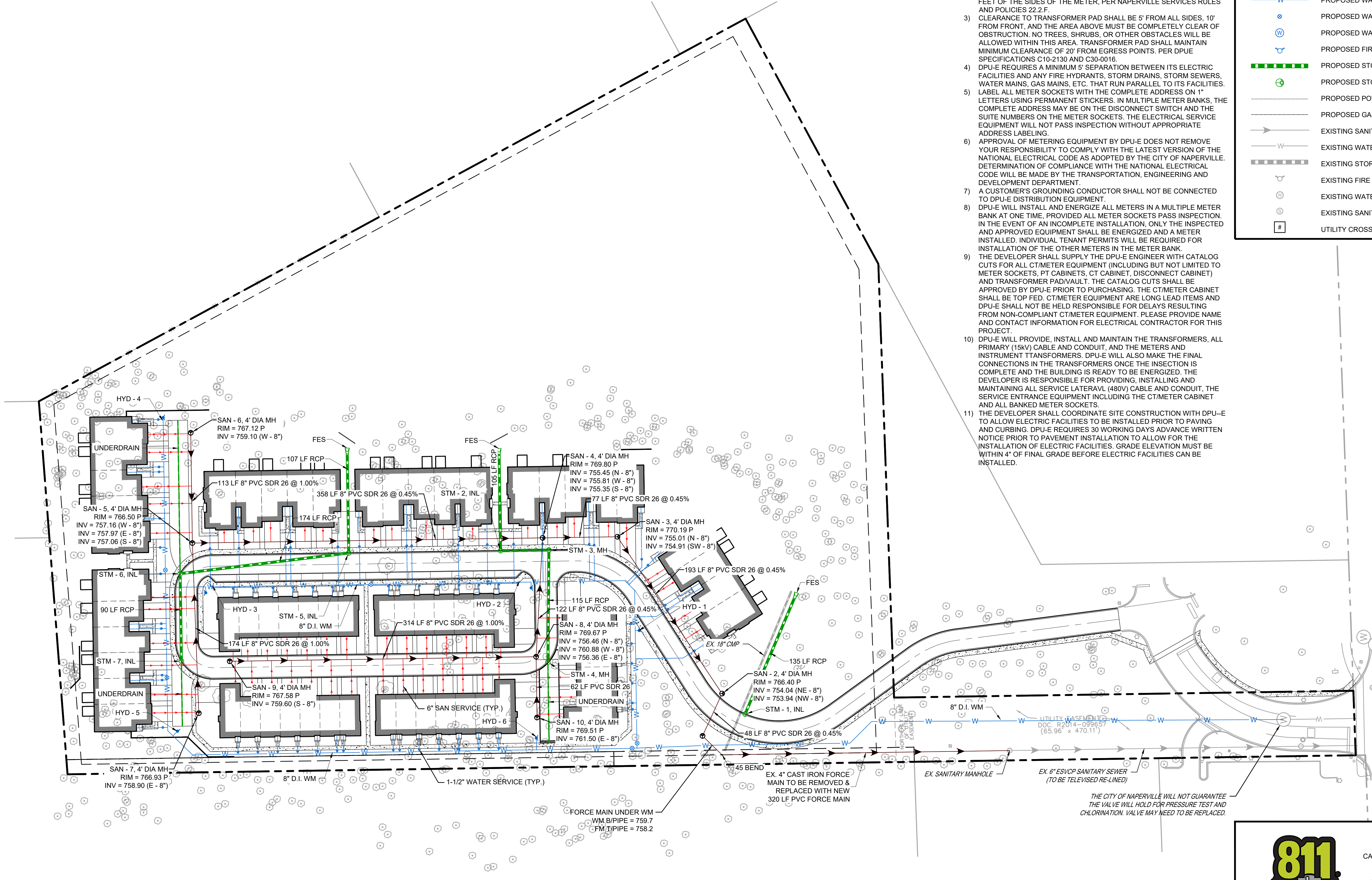
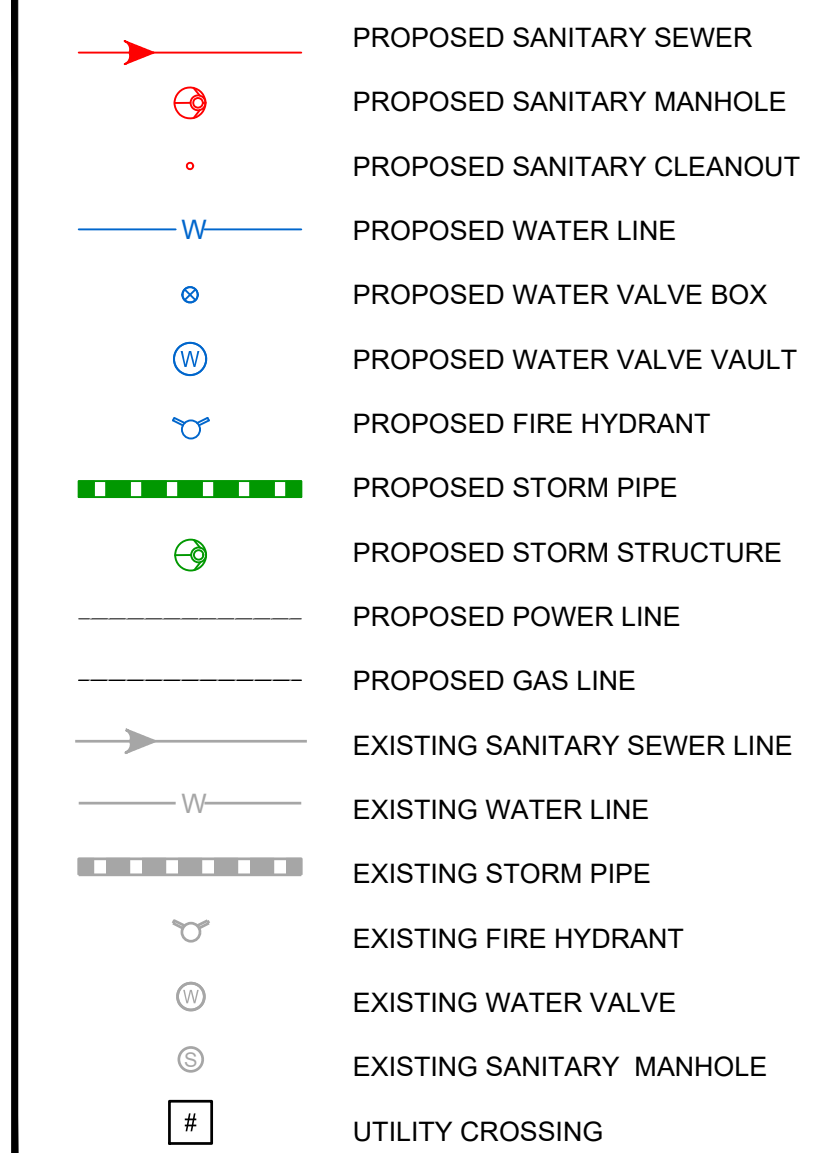
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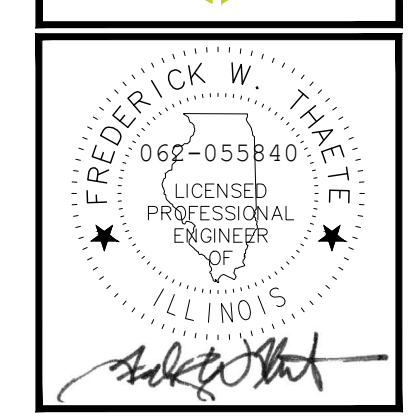
DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC GENERAL NOTES

- ELECTRIC FACILITIES SHALL BE INSTALLED PURSUANT TO SECTION 8-1C-3 OF THE CITY OF NAPERVILLE MUNICIPAL CODE, WHICH REQUIRES A CONSTRUCTION FEE PAYMENT FOR INSTALLATION OF ELECTRIC FACILITIES.
- AT ALL TIMES, THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SUITABLE APPROACH TO THE METER LOCATION, WITH NO OBSTRUCTIONS WITHIN FOUR (4) FEET OF THE FRONT AND TWO (2) FEET OF THE SIDES OF THE METER, PER NAPERVILLE SERVICES RULES AND POLICIES 22.2.F.
- CLEARANCE TO TRANSFORMER PAD SHALL BE 5' FROM ALL SIDES, 10' FROM FRONT, AND THE AREA ABOVE MUST BE COMPLETELY CLEAR OF OBSTRUCTION. NO TREES, SHRUBS, OR OTHER OBSTACLES WILL BE ALLOWED WITHIN THIS AREA. TRANSFORMER PAD SHALL MAINTAIN MINIMUM CLEARANCE OF 20' FROM EGRESS POINTS. PER DPUE SPECIFICATIONS C10-2130 AND C30-0016.
- DPUE REQUIRES A MINIMUM 5' SEPARATION BETWEEN ITS ELECTRIC FACILITIES AND ANY FIRE HYDRANTS, STORM DRAINS, STORM SEWERS, WATER MAINS, GAS MAINS, ETC. THAT RUN PARALLEL TO ITS FACILITIES.
- LABEL ALL METER SOCKETS WITH THE COMPLETE ADDRESS ON 1" LETTERS USING PERMANENT STICKERS. IN MULTIPLE METER BANKS, THE COMPLETE ADDRESS MAY BE ON THE DISCONNECT SWITCH AND THE SUITE NUMBERS ON THE METER SOCKETS. THE ELECTRICAL SERVICE EQUIPMENT WILL NOT PASS INSPECTION WITHOUT APPROPRIATE ADDRESS LABELING.
- APPROVAL OF METERING EQUIPMENT BY DPUE DOES NOT REMOVE YOUR RESPONSIBILITY TO COMPLY WITH THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE CITY OF NAPERVILLE. DETERMINATION OF COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE WILL BE MADE BY THE TRANSPORTATION, ENGINEERING AND DEVELOPMENT DEPARTMENT.
- A CUSTOMER'S GROUNDING CONDUCTOR SHALL NOT BE CONNECTED TO DPUE DISTRIBUTION EQUIPMENT.
- DPUE WILL INSTALL AND ENERGIZE ALL METERS IN A MULTIPLE METER BANK AT ONE TIME, PROVIDED ALL METER SOCKETS PASS INSPECTION. IN THE EVENT OF AN INCOMPLETE INSTALLATION, ONLY THE INSPECTED AND APPROVED EQUIPMENT SHALL BE ENERGIZED AND A METER INSTALLED. INDIVIDUAL TENANT PERMITS WILL BE REQUIRED FOR INSTALLATION OF THE OTHER METERS IN THE METER BANK.
- THE DEVELOPER SHALL SUPPLY THE DPUE ENGINEER WITH CATALOG CUTS FOR ALL CT/METER EQUIPMENT (INCLUDING BUT NOT LIMITED TO METER SOCKETS, PT CABINETS, CT CABINET, DISCONNECT CABINET) AND TRANSFORMER PAD/VAULT. THE CATALOG CUTS SHALL BE APPROVED BY DPUE PRIOR TO PURCHASING. THE CT/METER CABINET SHALL BE TOP FED. CT/METER EQUIPMENT ARE LONG LEAD ITEMS AND DPUE SHALL NOT BE HELD RESPONSIBLE FOR DELAYS RESULTING FROM NON-COMPLIANT CT/METER EQUIPMENT. PLEASE PROVIDE NAME AND CONTACT INFORMATION FOR ELECTRICAL CONTRACTOR FOR THIS PROJECT.
- DPUE WILL PROVIDE, INSTALL AND MAINTAIN THE TRANSFORMERS, ALL PRIMARY (15KV) CABLE AND CONDUIT, AND THE METERS AND INSTRUMENT TRANSFORMERS. DPUE WILL ALSO MAKE THE FINAL CONNECTIONS IN THE TRANSFORMERS ONCE THE SECTION IS COMPLETE AND THE BUILDING IS READY TO BE ENERGIZED. THE DEVELOPER IS RESPONSIBLE FOR PROVIDING, INSTALLING AND MAINTAINING ALL SERVICE LATERAL (480V) CABLE AND CONDUIT, THE SERVICE ENTRANCE EQUIPMENT INCLUDING THE CT/METER CABINET AND ALL BANKED METER SOCKETS.
- THE DEVELOPER SHALL COORDINATE SITE CONSTRUCTION WITH DPUE TO ALLOW ELECTRIC FACILITIES TO BE INSTALLED PRIOR TO PAVING AND CURBING. DPUE REQUIRES 30 WORKING DAYS ADVANCE WRITTEN NOTICE PRIOR TO PAVEMENT INSTALLATION TO ALLOW FOR THE INSTALLATION OF ELECTRIC FACILITIES. GRADE ELEVATION MUST BE WITHIN 4" OF FINAL GRADE BEFORE ELECTRIC FACILITIES CAN BE INSTALLED.

UTILITY LEGEND



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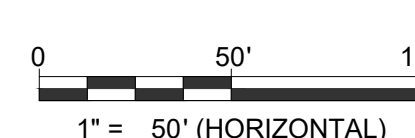
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SHEET TITLE
UTILITY PLAN

SHEET NUMBER
C5.0



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THE CITY OF NAPERVILLE WILL NOT GUARANTEE THE VALVE WILL HOLD FOR PRESSURE TEST AND CHLORINATION. VALVE MAY NEED TO BE REPLACED.