

C.01

FAITH BAPTIST BIBLE COLLEGE & THEOLOGICAL SEMINARY CURT FINCHAM 1900 NW FOURTH STREET

ANKENY, IA 50023 PHONE: (515) 964-0601

**PROPERTY OWNER** 

FAITH BAPTIST BIBLE COLLEGE & THEOLOGICAL SEMINARY **CURT FINCHAM** 1900 NW FOURTH STREET ANKENY, IA 50023 PHONE: (515) 964-0601

**ENGINEER** 

DGR ENGINEERING CONTACT: KEVIN PUHL, P.E. 6115 WHISPERING CREEK DRIVE SIOUX CITY, IA 51106 OFFICE PHONE: (712) 266-1554 MOBILE PHONE: (712) 540-6847

PROPERTY ADDRESS ANKENY, IA 50023

DATE OF PREPARATION

# **UTILITY SERVICES**

- WATER CITY OF ANKENY,
- SANITARY CITY OF ANKENY
- ROGER MCFARLAND, 515-965-6483, rmcfarland@ankenviowa.gov **ELECTRIC & GAS - MIDAMERICAN ENERGY**
- COMMUNICATIONS CENTURYLINK (LUMEN) SADIE HULL, 918-547-0147, SADIE.HULL@LUMEN.COM
- COMMUNICATIONS MEDIACOM COMMUNICATIONS

### PROPOSED BUILDING USES

STORAGE UNIT (112'X40') FOR COLLEGE & STUDENT USE

TWO EXISTING MULTI-FAMILY BUILDINGS TO REMAIN (8 UNITS PER BUILDING)

### **GROSS FLOOR AREA**

STORAGE UNIT - 4610 SQUARE FEET

# **PARKING**

19 EXISTING SPACES (7 TO BE REMOVED)
20 REQUIRED SPACES (1 PER UNIT PLUS 1 ADDITIONAL FOR EVERY 4 UNITS)

THE REMAINING 4 SPACES (12 EXISTING, 4 PROPOSED)

THE REMAINING 4 SPACES TO BE PROVIDED ON ADJACENT COLLEGE OWNED EXCESS PARKING ON CAMPUS AND ACCESSIBLE TO THIS PROPERTY BY SIDEWALK.

# PROPERTY INFORMATION

# **EXISTING PARCELS**

320 NW COLLEGE AVENUE

**EXISTING LEGAL DESCRIPTION** 

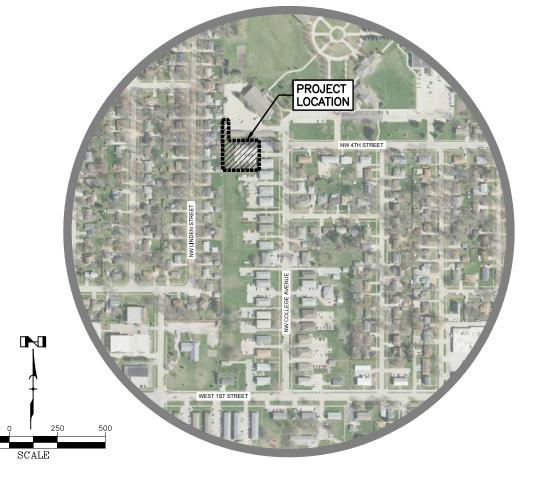
# PROPOSED LEGAL DESCRIPTION

R-3 (MULTIPLE FAMILY RESIDENCE DISTRICT)

## **ERU CALCULATIONS**

- 22,027 SF EXISTING IMPERVIOUS AREA
- (7,308) SF IMPERVIOUS AREA REMOVED
- 13,171 SF IMPERVIOUS AREA ADDED 27,890 SF - TOTAL IMPERIOUS AREA
- 27890 / 4000 = 7 ERUs

# FAITH BAPTIST BIBLE COLLEGE STORAGE UNIT BUILDING 320 NW COLLEGE AVENUE ANKENY, IOWA 2022



# **INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
C.01	TITLE SHEET
C.02	REMOVAL PLAN
C.03	GRADING PLAN
C.04	UTILITY PLAN
C.05	PAVING & DIMENSION PLAN
C.06	EROSION CONTROL PLAN
	LANDSCAPING PLAN
C.07	SIDEWALK DETOUR PLAN

# **GENERAL NOTES:**

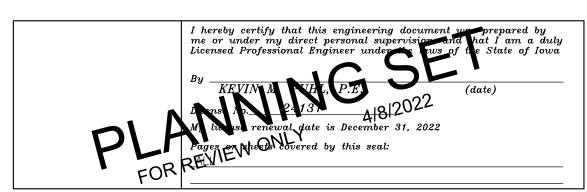
1. ALL UTILITIES ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WITH OWNER OF UTILITIES.

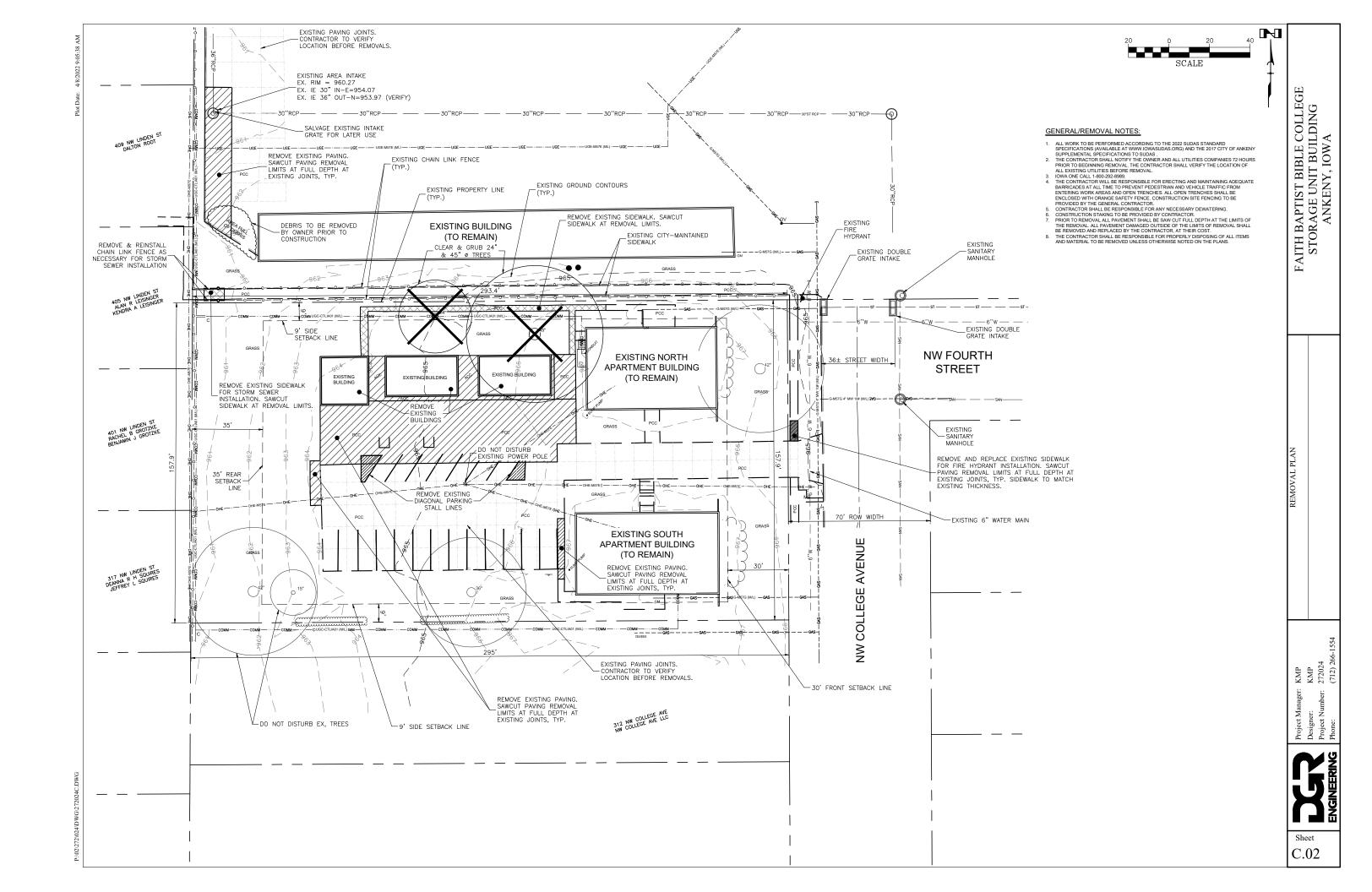
- CENTER OF SANITARY MANHOLE LOCATED 15' NORTH AND 92' EAST OF NORTHEAST CORNER OF NORTH APARTMENT BUILDING. RIM ELEV. = 964.814
- CP MAG NAIL IN CONCRETE LOCATED 17' NORTH AND 113' WEST OF NORTHWEST CORNER OF SOUTH APARTMENT BUILDING. ELEV. = 964.346

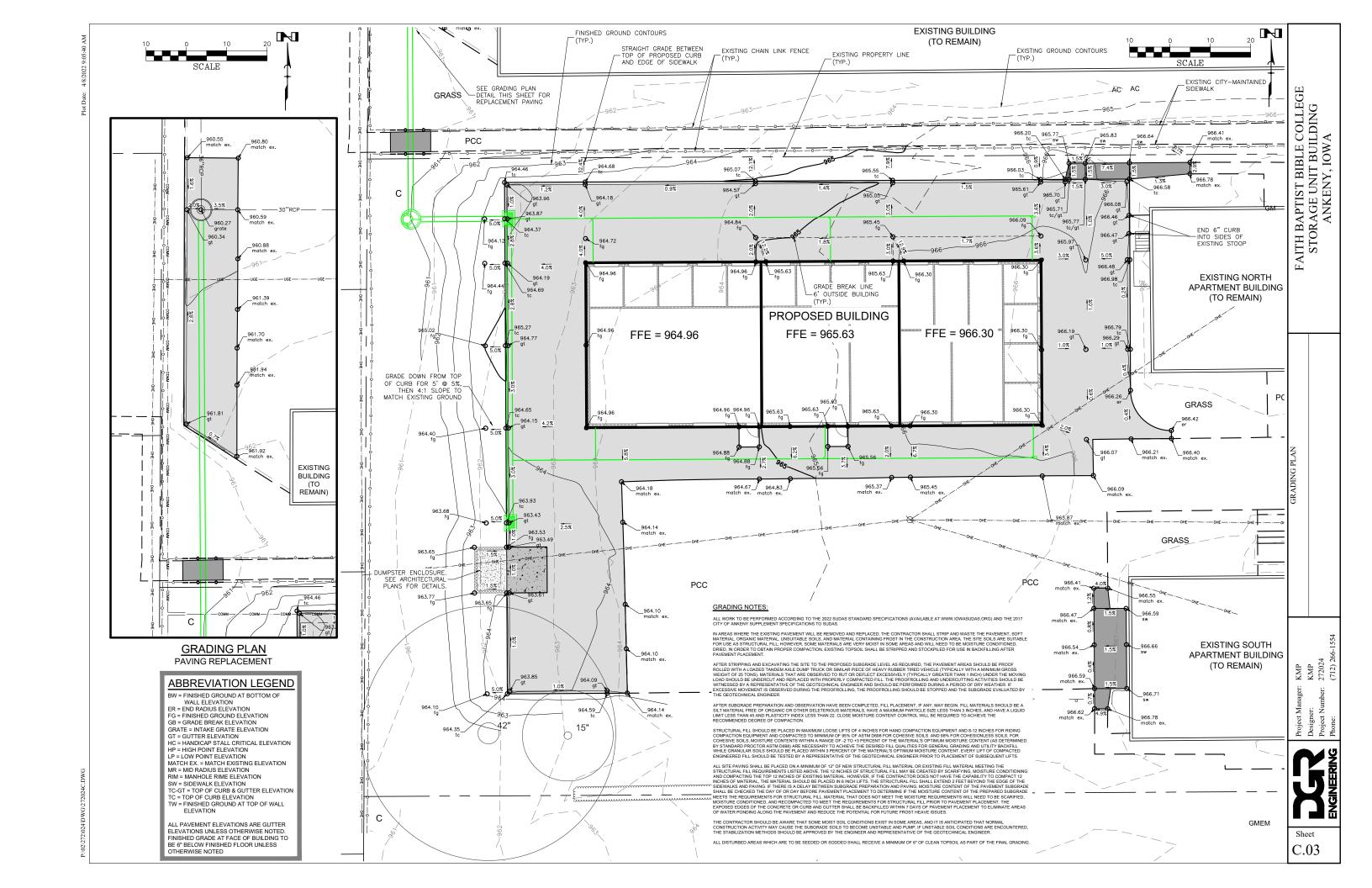
# **VICINITY MAP**

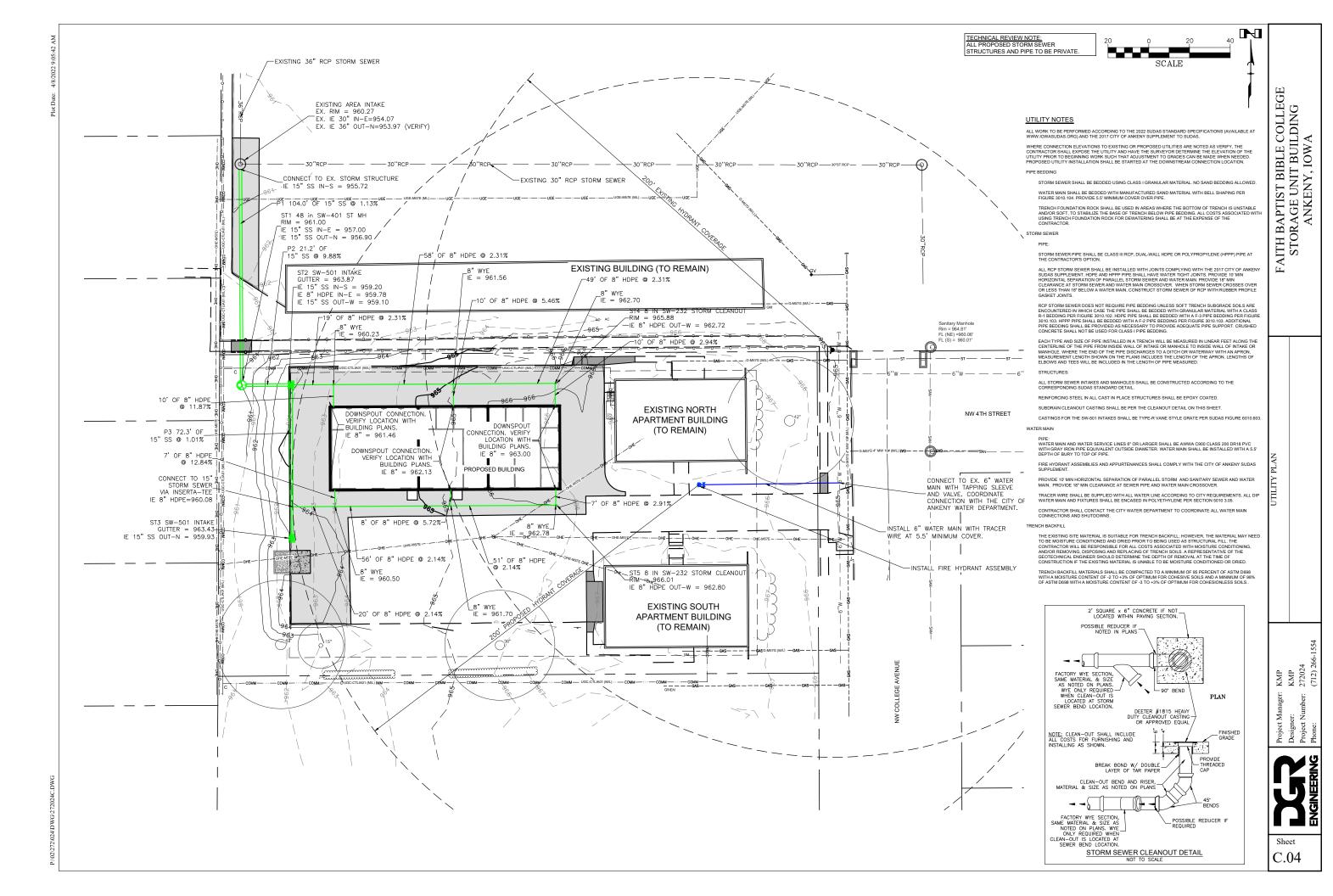


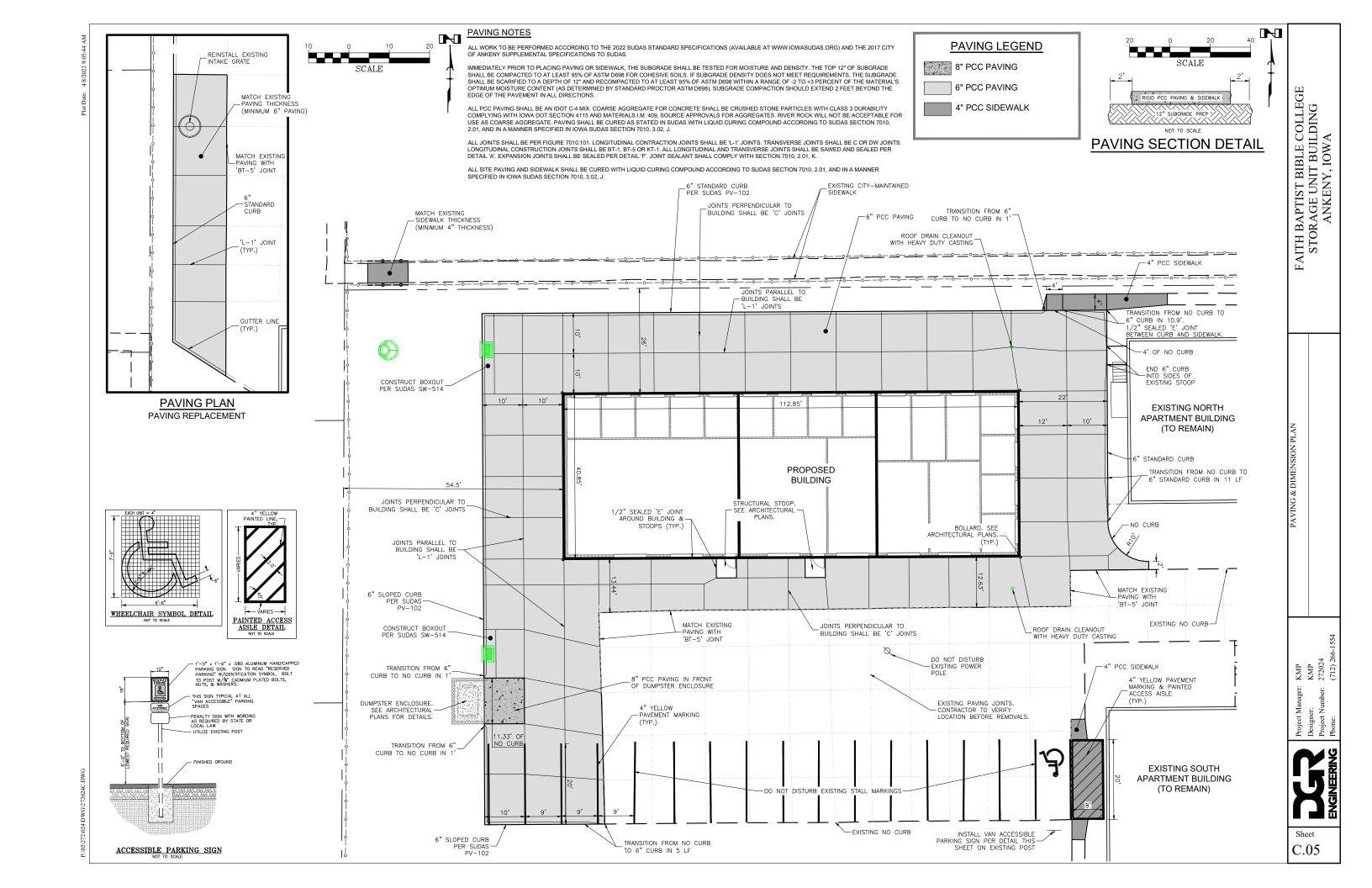


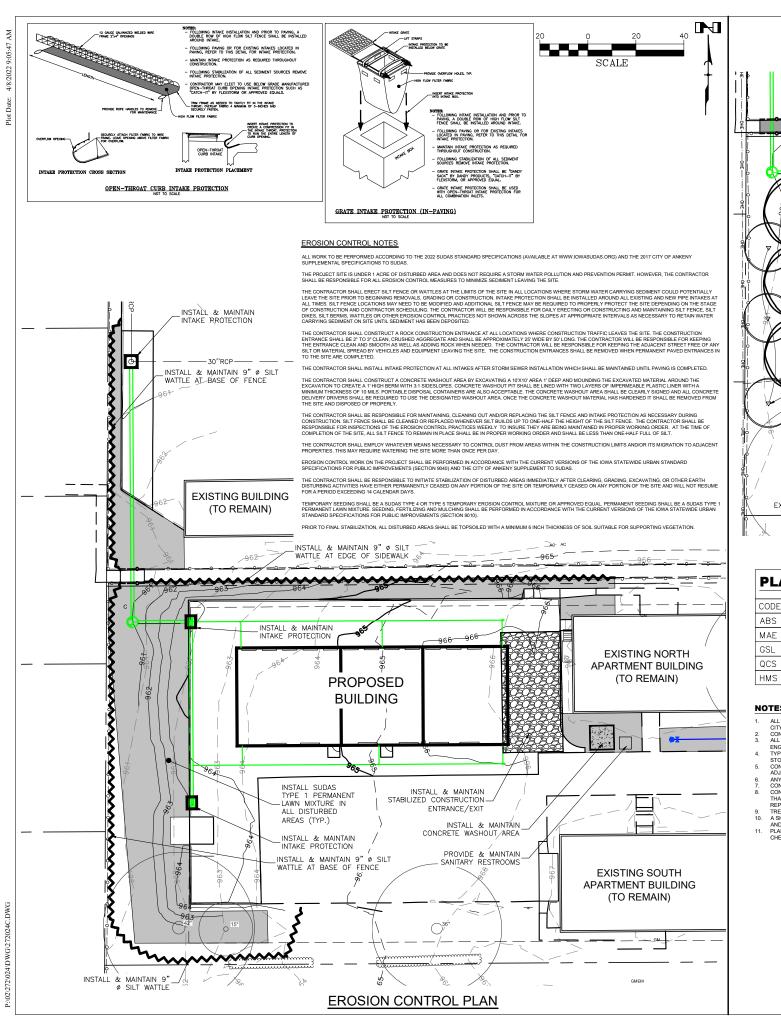


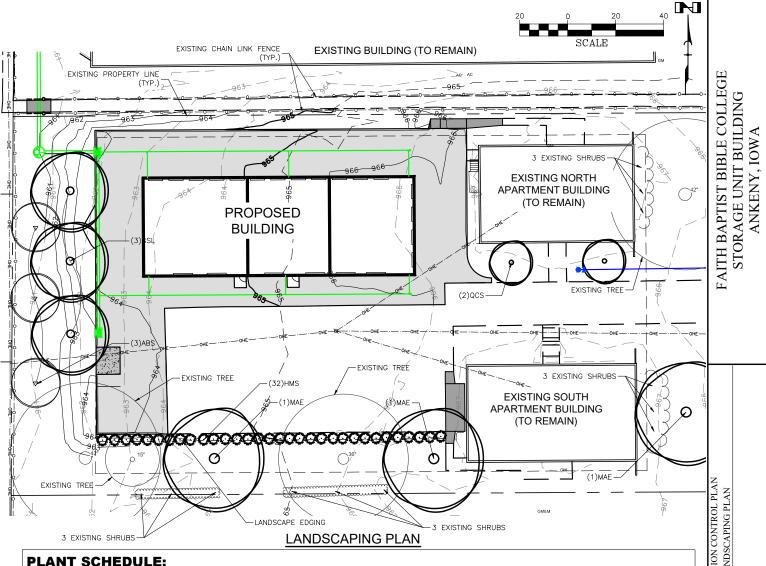












PLA	PLANT SCHEDULE:									
CODE	QTY.	SCIENTIFIC NAME	COMMON NAME	HEIGHT	SPREAD	MIN SIZE	NOTES			
ABS	02	AMELANCHIER x GRANDIFLORA	AUTUMN BRILLIANCE SERVICEBERRY	25'	20'	#15	CLUMP FORM, SMALL TREE			
MAE	02	ULMUS JAPONICA x WILSONIANA 'MORTON'	MORTON ACCOLADE ELM	60'	40'	2" CAL	LARGE SHADE TREE			
GSL	02	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LITTLE LEAF LINDEN	50'	30'	2" CAL	LARGE SHADE TREE			
QCS	02	QUERCUS ROBUR X ALBA 'CRIMSCHMIDT'	CRIMSON SPIRE OAK	40'	15'	2" CAL	SHADE TREE			
HMS	32	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCHGRASS	3-4'	1.5-2	#1	PERENNIAL GRASS			

### NOTES:

- ALL WORK TO BE PERFORMED ACCORDING TO THE 2022 SUDAS STANDARD SPECIFICATIONS (AVAILABLE AT www.iowasudas.org) AND THE 2017 CITY OF ANKENY SUPPLEMENT SPECIFICATIONS TO SUDAS.
  CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE ANY PLANTING BEGINS.
  ALL NEW AND EXISTING STRUCTURES AND UTILITY SERVICES SHALL BE PROTECTED DURING INSTALLATION OF ALL PLANT MATERIAL. NOTIFY
- ENGINEER UPON CONFLICT
- TYPE, SIZE, AND QUALITY OF PLANT MATERIAL SHALL CONFORM TO THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY
- CONTRACTOR SHALL LAY OUT ALL PLANT MATERIAL IN THE FIELD FOR PLANTING. SHRUBS ARE NOT TO BE LOCATED CLOSER THAN 2' FROM ADJACENT WALKS.
- ADJACENT WALKS.

  ANY REPLACEMENTS OF PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

  CONTRACTOR SHALL MAINTAIN ALL LANDSCAPING ON SITE FOR THE DURATION OF THE PROJECT AND WARRANTY PERIOD.

  CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS WAITING TO BE INSTALLED AND SHALL PROTECT THEM FROM DAMAGE AND INJURY. PLANTS

  THAT HAVE BEEN DAMAGED OR NOT PROPERLY MAINTAINED WILL BE REJECTED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL

  REPLACEMENTS AT NO ADDITIONAL COST TO THE OWNER.

  TREES AND SHRUBS. SHALL STAND PLUMIS. ITERES SHALL BE STAKED AS SPECIFIED.

  A SHREDDED HARDWOOD MULCH WATERING RING SHALL BE PLACED AROUND ALL TREES IN SEEDED AREAS TO A MINIMUM DEPTH OF 3-4"
  AND A 4 DIAMPETER FOR TREES. NO MULCH SHALL BE PLACED AGAINST THE TRUNK OF THE TREE. PROVIDE 3-4" OF CLEARANCE.

  PLANT TABLETS FOR PLANT PITS. SHALL BE AGRIFORM 20-10-5 AND 21 GRAMS OR ACCEPTED SUBSTITUTION. AGRIFORM IS BY SIERRA

  CHEMICAL COMPANY. CUANTITIES SHALL BE:

  (5) TABLETS FOR 15 GALLON CONTAINER PLANTS

  (1) TABLETS FOR 16 FALLON CONTAINER PLANTS

- - (1) TABLET FOR EACH !" OF TRUNK DIAMETER OF SPECIMEN TREES.

### LANDSCAPE REQUIREMENTS AND CALCULATIONS:

PARKING LOT. SHADING, TREE REQUIREMENTS:
16,614 SP GROSS PAVED VEHICULAR AREA x 20% = 3,223 SF
3,233 SF 7,035 F = 5 TREES REQUIRED - 10 TREES PROVIDED (3 EXISTING & 7 PROPOSED)
(10) SHADING TREES PROVIDED WITHIN 15 OF PAVED AREA ON A OR MORE SIDES (AT 100%)
(0) SHADING TREES PROVIDED WITHIN 15 OF PAVED AREA ON 2 OR MORE SIDES (AT 100%)

SCREENING - BROKEN SCREEN TYPE (A) AT WEST PROPERTY LINE INTERMITENT YEALS CREENING CONSISTING OF EXISTING AND PLANTED VEGETATION ALONG WITH EXISTING FENCING. (3) ADDITIONAL PROPOSED, SMALL, DENSELY FOLIATED FLOWERING TREES AND (3) LARGE DECIDIOUS TREES THAT ACHIEVE A MATURE HEIGHT OF 20' OR GREATER TO PROVIDE SCREENING OF PROPOSED BUILDINGS AND PARKING LOT.



C.06

FAITH BAPTIST BIBLE COLLEGE STORAGE UNIT BUILDING ANKENY, IOWA

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Besigner: KMP

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Designer:
Project N

MEERING Phone:

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