PLANNING APPLICATION COVER SHEET

PROJECT TYPE: Site Plan

NO. SP25-000001

APPLICATION DATE: 10/15/2025

PROPERTY OWNER: VAULT STORAGE LLC

APPLICANT: Brock Heller

WORK DESCRIPTION: Commerce Court Addition, Lot 5 (6.00 Acres)

SITE ADDRESS:

PROPERTY INFORMATION

Parcel ID (PPN)	Acres in Parcel	Current zoning classification
0304303001	6	A - Agricultural



Planning, Development and Sustainability

913 S. Dubuque St. Iowa City, IA 52240

planning@johnsoncountyiowa.gov. 319-356-6083

https://www.johnsoncountyiowa.gov/pds

1 of 1

1917 S. Gilbert Street Iowa City, Iowa 52240

319.351.8282

mmsconsultants.net mms@mmsconsultants.net

October 15, 2025

Josh Busard Johnson County Planning, Development, & Sustainability Dept. 913 S. Dubuque St, Suite 204 Iowa City, IA 52240

RE: Lot 5, Commerce Court Addition - Site Plan Application

Dear Josh,

On behalf of Robison Construction, we are submitting a site plan application for Lot 5, Commerce Court Addition located in Johnson County, Iowa. The property is zoned Ag and is 6.00 acres in size. The property is addressed in Swisher but within the City of Shueyville Fringe Area.

The proposed use is a self-storage facility for recreation vehicles, campers, boats, etc. There will not be any on-site employees and hours of operation are 24/7. There are 13 parking spaces provided on site per Johnson County UDO requirements. No water or sanitary services are being proposed with this project and stormwater is being handled by the basin constructed with the development of the subdivision and approved stormwater management plan. No signage or outdoor lighting are being proposed at this time.

We are requesting a sensitive areas waiver and a stormwater management waiver as both were already approved with the subdivision process.

Please let us know if you have any questions or concerns.

Respectfully submitted,

Brock A. Heller, P.L.A.

AMENDED SITE PLAN LOT 5, COMMERCE COURT ADDITION JOHNSON COUNTY, IOWA

261,275 SF

140,00'

EXI\$TING

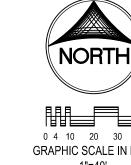
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BIOCELL

N27°11'44"W—

SITE LAYOUT AND DIMENSION PLAN SITE GRADING, EROSION CONTROL PLAN,

DETAILED GRADING PLAN GENERAL NOTES AND DETAILS SITE LANDSCAPE PLAN



6.00 ACRES

CIVIL ENGINEERS

LAND PLANNERS

LAND SURVEYORS

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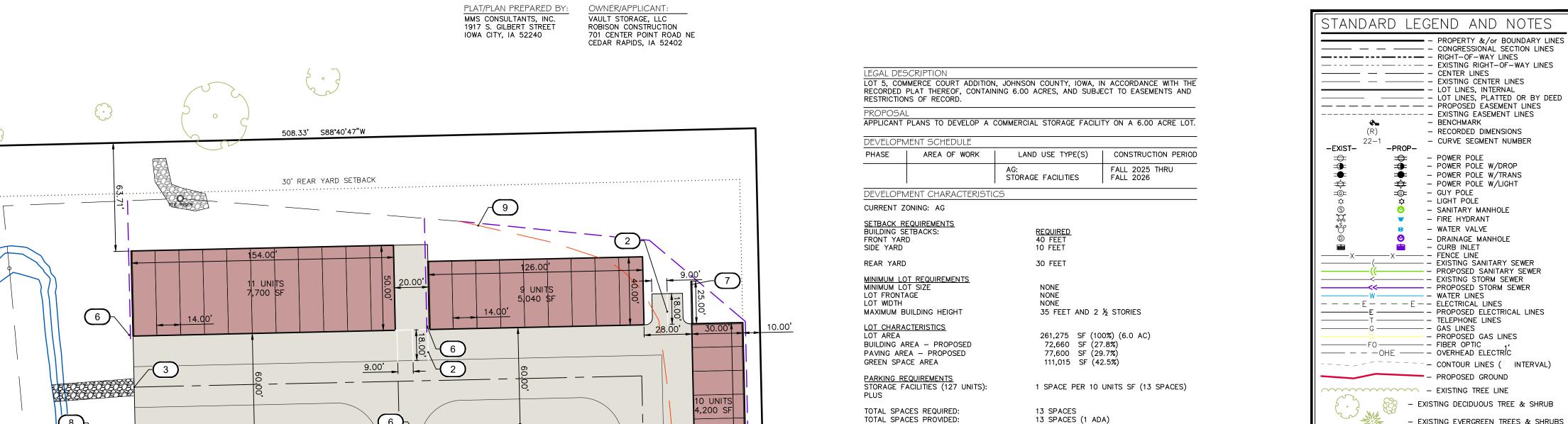
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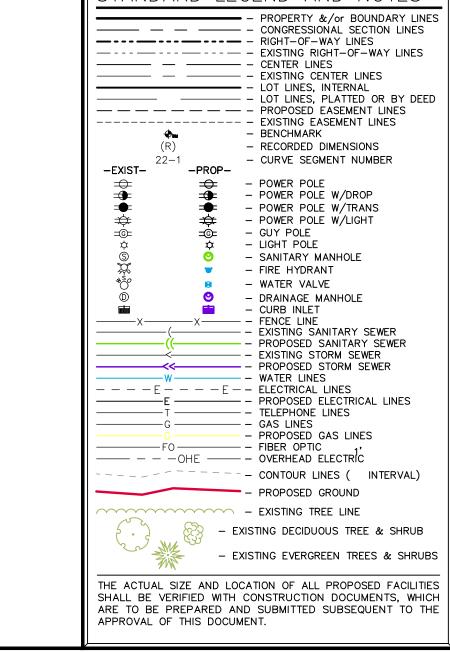
LANDSCAPE ARCHITECTS

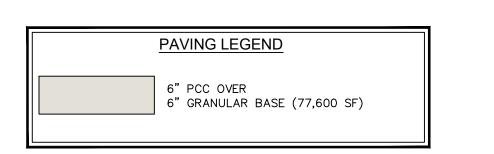
ENVIRONMENTAL SPECIALISTS

0 4 10 20 30 40 GRAPHIC SCALE IN FEET 1"=40'



N88°43'\$3"E 89.1



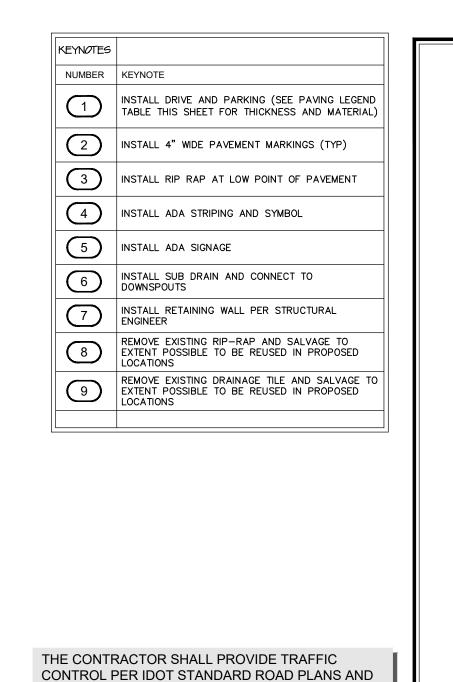


NO PARKING LOT LIGHTING IS PROPOSED. ALL SITE LIGHTING SHALL COMPLY WITH

NO SIGNAGE IS PROPOSED. ANY FUTURE SIGNAGE WILL BE INSTALLED IN ACCORDANCE WITH COUNTY REGULATIONS.



WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.



JOHNSON COUNTY REQUIREMENTS AT ALL TIMES

THE CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDERS FOR ANY REQUIRED

DURING WORK WITHIN PUBLIC R.O.W.





JOHNSON COUNTY IOWA

LOT 5, COMMERCE

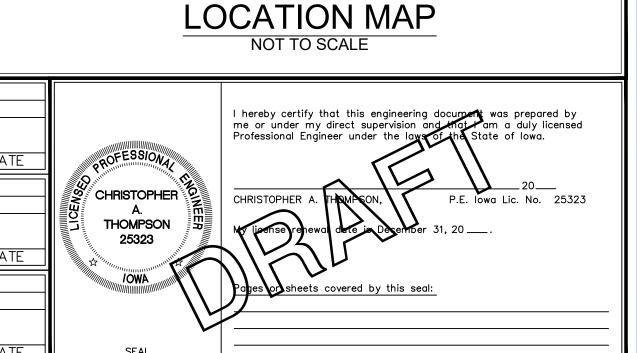
COURT ADDITION

SITE LAYOUT AND

DIMENSION PLAN

OWA Pages or sheets covered by this seal:		CHRISTOPHER A. THOMPSON 25323	I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of lowa. CHRISTOPHER A. THISMPSON, P.E. lowa Lic. No. 25323 My license renewal date is Desember 31, 20
SEAL	-	SEAL	

RELOCATION OF EXISTING UTILITIES.	NOT TO SCALE			
PLAN APPROVED BY: JOHNSON COUNTY PUBLIC HEALTH D PLAN APPROVED BY:		CHRISTOPHER A. THOMPSON 25323	I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of lowa. CHRISTOPHER A. THOMPSON, P.E. lowa Lic. No. 2532 My license renewal date is December 31, 20 Pages or sheets covered by this seal:	
JOHNSON COUNTY ZONING ADMINISTRATOR	ATE	SEAL		



MMS CONSULTANTS, INC. 10/15/2025 BAH BK. 1428; P.9

MMS CONSULTANTS, INC. 1917 S. GILBERT STREET

IOWA CITY, IA 52240

VAULT STORAGE, LLC ROBISON CONSTRUCTION

701 CENTER POINT ROAD NE CEDAR RAPIDS, IA 52402

SITE LAYOUT AND DIMENSION PLAN SITE GRADING, EROSION CONTROL PLAN,

GRADING NOTES

1.) MAXIMUM SLOPE ON CUTS AND FILLS SHALL BE 3.5: HORIZONTAL TO 1: VERTICAL

2.) NO EXCAVATION SHALL BE ALLOWED WITHIN 2' OF PROPERTY LINES.

3.) WHERE HEIGHT OF FILL IS GREATER THAN 30' AN INTERMEDIATE TERRACE OF AT

4.) COMPACTION TO BE 90% MODIFIED PROCTOR WHERE > 6:1 SLOPE.

5.) ALL TREES OUTSIDE THE LIMITS OF GRADING OPERATIONS SHALL BE SAVED, UNLESS

6.) PRIOR TO ANY GRADING A CONSTRUCTION SAFETY FENCE SHALL BE INSTALLED 50 FEET

WITHIN THE REQUIREMENTS OF THE SPECIFICATIONS.

TOTAL SITE AREA: 6.00 ACRES
TOTAL AREA TO BE DISTURBED: 6.00 ACRES

ADJACENT TO THE SITE.

FROM TRUNKS OF TREES TO BE PROTECTED.

OTHERWISE INDICATED TO BE REMOVED. TREES NEAR THE EDGES OF GRADING LIMITS

AND IN THE STORM WATER DETENTION BASIN AREAS SHALL BE SAVED IF POSSIBLE,

) STABILIZATION SEEDING SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT MORE THAN

14 DAYS, UPON COMPLETION OF GRADING IN ANY AREA OF GRADING OPERATIONS. DISTURBED

AREAS SHALL BE KEPT AS SMALL AS POSSIBLE TO PREVENT LARGE SCALE FROSION

PROBLEMS. IF THE GRADING CONTRACTOR STOPS GRADING OPERATIONS FOR MORE THAN 14 DAYS,

8.) SILT FENCE LOCATIONS AND LENGTHS, AS INDICATED, ARE APPROXIMATE ONLY. FINAL

LOCATIONS AND LENGTHS WILL BE DETERMINED, AS NEEDED, UPON COMPLETION OF

9.) ALL STREET SUBGRADES SHALL BE CONSTRUCTED AND COMPACTED IN ACCORDANCE WITH

JOHNSON COUNTY DESIGN AND CONSTRUCTION STANDARDS AND PROCEDURES.

GRADING AND EROSION CONTROL NOTES

EROSION CONTROL MEASURES SHOWN SHALL BE USED DURING FILL

MODIFIED, IF NECESSARY, AT THE TIME OF SITE DEVELOPMENT.

CONTRACTOR SHALL INSTALL A ROCK ENTRANCE AND PERFORM

TYPE AND LOCATION OF SAID MEASURE ON THIS PLAN.

REGULAR CLEANING OF VEHICLES THAT LEAVE THE SITE.

----- AREA OF DISTURBANCE

SILT FENCE

PERMANANT SEEDING OF URBAN AREAS

THE FOLLOWING SEED MIXTURE SHALL BE USED FOR PERMANENT SEEDING OF ALL GREEN SPACE AREAS, INCLUDING ANY AREAS PREVIOUSLY MAINTAINED AS A LAWN. THE APPLICATION RATE SHALL BE 4 POUNDS

1. TEMPORARY STABILIZATION IS REQUIRED ON

IMPLEMENTED WITHIN 14 DAYS OF FINAL

3. AREAS WITH SLOPES OF 4:1 SHOULD USE

NORTH AMERICAN GREEN S75BN TURF

EQUAL PER MANUFACTURER'S SPEC.

REINFORCEMENT MATTING OR APPROVED

DISTURBED AREAS AFTER THE 14TH DAY OF

PER 1,000 SQUARE FEET (2 kg per 100 m .)

RYEGRASS, PERENNIAL (FINELEAF VARIETY) FESCUE, CREEPING RED

2. FINAL STABILIZATION SHALL BE

GRADING COMPLETION.

BLUEGRASS, KENTUCKY

NOTES:

ACTIVITIES. EROSION CONTROL MEASURES SHALL BE REEVALUATED AND

ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES THAT COULD BE USED ON SITE, IF NEEDED, CAN BE FOUND IN APPENDIX D OF THE

FOLLOWING INSTALLATION OF PERIMETER SILT FENCE AND TEMPORARY CONSTRUCTION ENTRANCE THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR TO SCHEDULE A SITE INSPECTION PRIOR TO ANY SOIL

THE CONTRACTOR SHALL FOLLOW THE NPDES PERMIT, SWPPP, AND THE

THE EROSION CONTROL CONTRACTOR SHALL INSTALL FILTER SOCKS OR OTHER APPROVED FORM OF INLET PROTECTION AT EACH STREET INTAKE

TEMPORARY ROCK CONSTRUCTION ENTRANCE/EXIT

TEMPORARY PARKING AND STORAGE

FILTER SOCK INLET PROTECTION

PORTABLE RESTROOM

CONCRETE TRUCK/EQUIPMENT WASHOUT

FILTER SOCK BEHIND CURB AT CURB RAMP

STORM WATER POLLUTION PREVENTION PLAN (SWPPP) BINDER PREPARED FOR THE SITE. IF ADDITIONAL MEASURES ARE USED, INDICATE THE

THEN STABILIZATION SEEDING SHALL BE DONE ON ALL DISTURBED AREAS.

LEAST 6' WIDE SHALL BE ESTABLISHED AT MID HEIGHT. SEE TYPICAL FILL SECTION.

DETAILED GRADING PLAN GENERAL NOTES AND DETAILS SITE LANDSCAPE PLAN

EROSION CONTROL LEGEND

FALL - AUGUST 15 - SEPTEMBER 30

* ENGINEER MAY DELETE FOR PREVIOUSLY ESTABLISHED URBAN AREAS.

FERTILIZER SHALL BE APPLIED AT A RATE OF 300 LBS PER ACRE USING CHEMICALLY

COMBINED COMMERCIAL 13-13-13 FERTILIZER (SUDAS SECTION 9010.2.03 A.2)

ANNUAL RYEGRASS



0 4 10 20 30 40 GRAPHIC SCALE IN FEET

-PROP-

-EXIST-

------ - CENTER LINES

— – LOT LINES, INTERNAL

- POWER POLE

GUY POLE

- LIGHT POLE

FIRE HYDRANT

WATER VALVE

CURB INLET

FENCE LINE

- WATER LINES

GAS LINES - PROPOSED GAS LINES

– FIBER OPTIC

THE ACTUAL SIZE AND LOCATION OF ALL PROPOSED FACILITIES SHALL BE VERIFIED WITH CONSTRUCTION DOCUMENTS, WHICH

ARE TO BE PREPARED AND SUBMITTED SUBSEQUENT TO THE

JOHNSON COUNTY REQUIREMENTS AT ALL TIMES

THE CONTRACTOR SHALL COORDINATE WITH

UTILITY PROVIDERS FOR ANY REQUIRED RELOCATION OF EXISTING UTILITIES.

THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER IDOT STANDARD ROAD PLANS AND

DURING WORK WITHIN PUBLIC R.O.W.

PERIMETER SILT FENCE

- TELEPHONE LINES

- PROPOSED GROUND

— EXISTING TREE LINE

- - - E - - - E - - ELECTRICAL LINES

— - - OHE — - OVERHEAD ELECTRIC

- POWER POLE W/DROP - POWER POLE W/TRANS

- POWER POLE W/LIGHT

- SANITARY MANHOLE

- DRAINAGE MANHOLE

PROPOSED ELECTRICAL LINES

--- CONTOUR LINES (INTERVAL)

- EXISTING EVERGREEN TREES & SHRUBS

1"=40' ANDARD LEGEND AND NOTES — – PROPERTY &/or BOUNDARY LINES

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(319) 351-8282

6.00 ACRES

— — — — CONGRESSIONAL SECTION LINES — — EXISTING CENTER LINES - LOT LINES, PLATTED OR BY DEED - — — — — — PROPOSED EASEMENT LINES ----- EXISTING EASEMENT LINES RECORDED DIMENSIONS CURVE SEGMENT NUMBER www.mmsconsultants.net EXISTING SANITARY SEWER - PROPOSED SANITARY SEWER - - EXISTING STORM SEWER -- PROPOSED STORM SEWER

- EXISTING DECIDUOUS TREE & SHRUB

SITE GRADING,

LOT 5, COMMERCE **COURT ADDITION**

JOHNSON COUNTY

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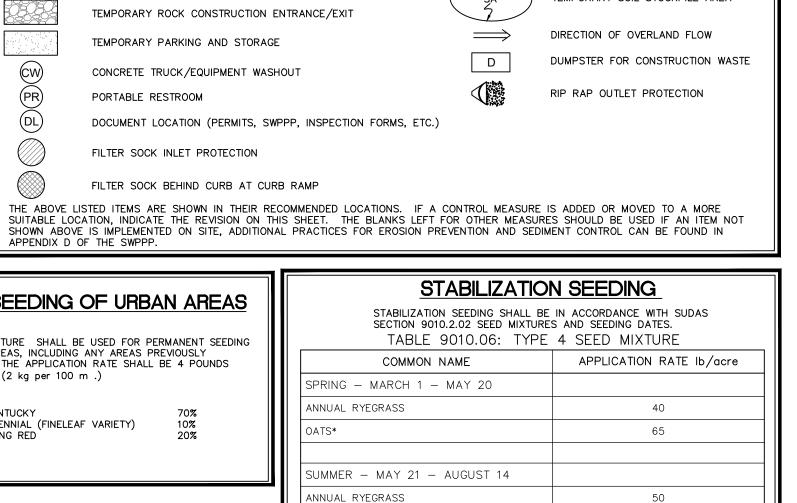
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BK. 1428; P.9

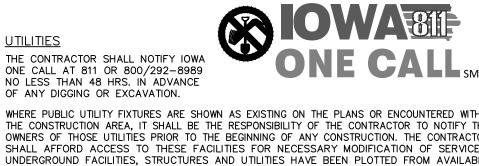
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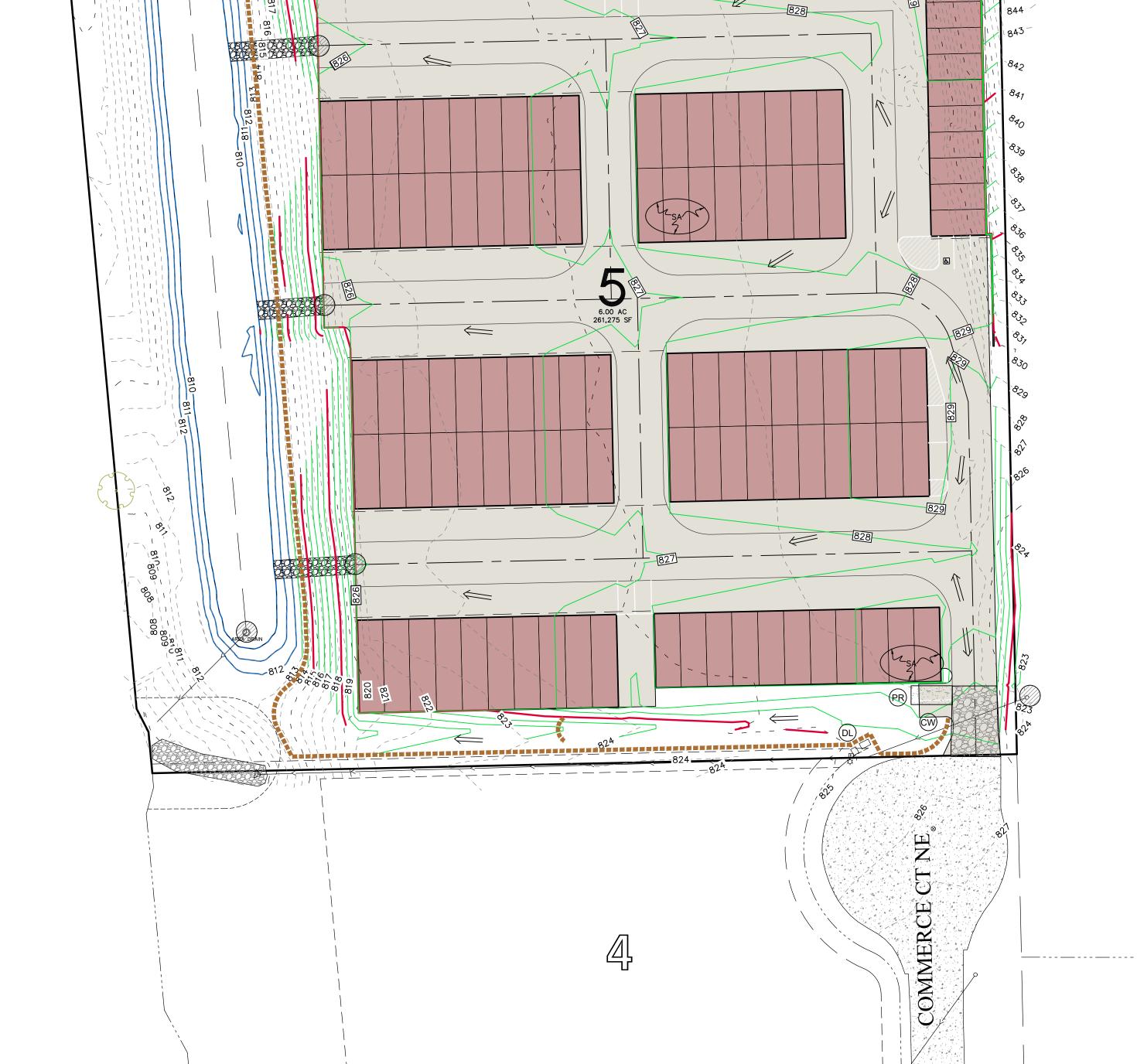
40

OF ANY DIGGING OR EXCAVATION. WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE | OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT



ONE CALL AT 811 OR 800/292-8989 NO LESS THAN 48 HRS. IN ADVANCE LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.





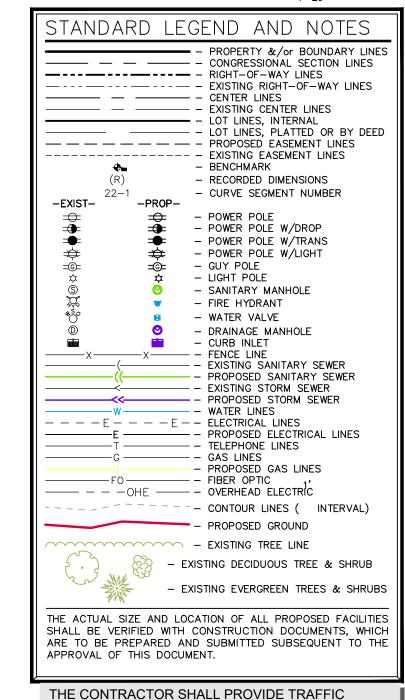
AMENDED SITE PLAN LOT 5, COMMERCE COURT ADDITION JOHNSON COUNTY, IOWA

SITE LAYOUT AND DIMENSION PLAN SITE GRADING, EROSION CONTROL PLAN,

DETAILED GRADING PLAN GENERAL NOTES AND DETAILS SITE LANDSCAPE PLAN



0 2 5 10 15 20 GRAPHIC SCALE IN FEET 1"=20'



UTILITY PROVIDERS FOR ANY REQUIRED RELOCATION OF EXISTING UTILITIES.

CONTROL PER IDOT STANDARD ROAD PLANS AND JOHNSON COUNTY REQUIREMENTS AT ALL TIMES

THE CONTRACTOR SHALL COORDINATE WITH

DURING WORK WITHIN PUBLIC R.O.W.

GRADING LEGEND \bullet 000.00EX = EXISTING SURFACE \bullet 000.00TW = TOP WALK \bullet 000.00TC = TOP CURB \bullet 000.00TR = TOP RIM \bullet = FG AT TOP WALL $\bullet_{\overline{000.00WB}}$ = FG AT BOTTOM WALL \bullet TOP OF STEPS

 $\bullet_{\overline{000.00B0}T}$ = BOTTOM OF STEPS



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DETAILED GRADING PLAN

LOT 5, COMMERCE COURT ADDITION

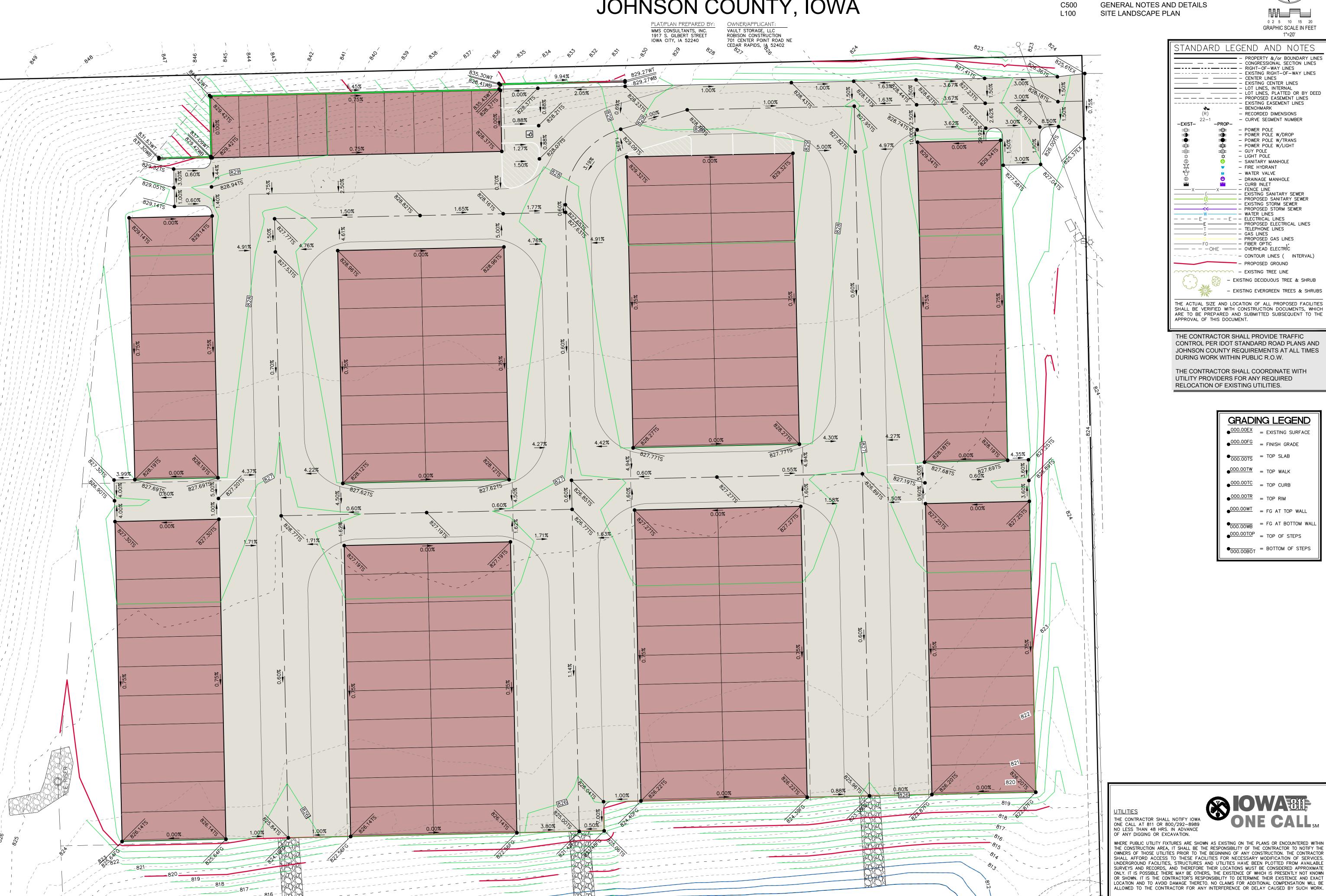
JOHNSON COUNTY IOWA



THE CONTRACTOR SHALL NOTIFY IOWA ONE CALL AT 811 OR 800/292-8989 NO LESS THAN 48 HRS. IN ADVANCE

WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES. STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE

MMS CONSULTANTS, INC.



SITE GRADING, EROSION CONTROL PLAN, AND SWPPP DETAILED GRADING PLAN GENERAL NOTES AND DETAILS SITE LANDSCAPE PLAN

SITE LAYOUT AND DIMENSION PLAN

C120

C140

C141

C500 L100

ACCESSIBLE SIGN DETAIL |**─**1'-0"─ ACCESSIBLE PARKING ADA PARKING SIGN -STATE PERMIT REQUIRED SIGNAGE MESSAGE PER REGULATIONS. ATTACH SIGNS TO BUILDING. VAN ACCESSIBLE SIGN IMPROPER USE PER REGULATIONS \$200 FINE VAN ACCESSIBLE SIGN POSTED ON SIDE OF BUILDING WALL PER ADA REQUIREMENTS HEIGHT PER CITY REQUIREMENTS TOP OF SIDEWALK

Date Revision

GENERAL NOTES AND DETAILS

6.00 ACRES

CIVIL ENGINEERS

LAND PLANNERS LAND SURVEYORS

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LANDSCAPE ARCHITECTS

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ENVIRONMENTAL SPECIALISTS

LOT 5, COMMERCE COURT ADDITION

JOHNSON COUNTY IOWA

MMS CONSULTANTS, INC. 10/15/2025 Designed by: Field Book No: BAH BK. 1428; P.9

Checked by:

PERFORATED STORM SEWER DETAIL
N.T.S.

GROUND

PERFORATED DRAIN PIPE (OPTIONAL)

NOTES:

1. TRENCH WIDTH (W) SHALL BE A MINIMUM OF 6"
WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE (d)

KEYSTONE BLOCK— RETAINING WALL (GRANITE COLOR)

FINISHED GRADE —

2. PIPE SHALL BE PLACED ON A BED OF COMPACTED GRANULAR MATERIAL APPROXIMATELY 3" THICK.

GRANULAR BACKFILL SHALL BE PLACED TO 24" ABOVE THE PIPE. ALL BACKFILL IN THIS PIPE ENVELOPE SHALL BE HAND TAMPED.

4. GRANULAR MATERIAL FOR BEDDING AND BACKFILL SHALL BE OPEN GRADED AND FREELY DRAINING WITH A NOMINAL SIZE OF 3/4" OR 1". (IDOT 4131, GRADATION #29)

5. BELL HOLES SHALL BE HAND SHAPED SUCH THAT THE BARREL OF THE PIPE LAYS ON COMPACTED BEDDING 6. ALL PIPE SHALL BE FULLY PERFORATED. 7. ALL PIPE SHALL BE 12" DIAMETER AND GRADES SHALL BE AS SHOWN ON THE PLANS.

8. PIPE MATERIALS SHALL BE EITHER OF THE FOLLOWING: A. CONTECH A-2000 PERFORATED

B. CITY ENGINEER APPROVED EQUAL

MODULAR BLOCK RETAINING WALL DETAIL

NOTE: 1. SEE PLAN VIEW FOR WALL LOCATIONS

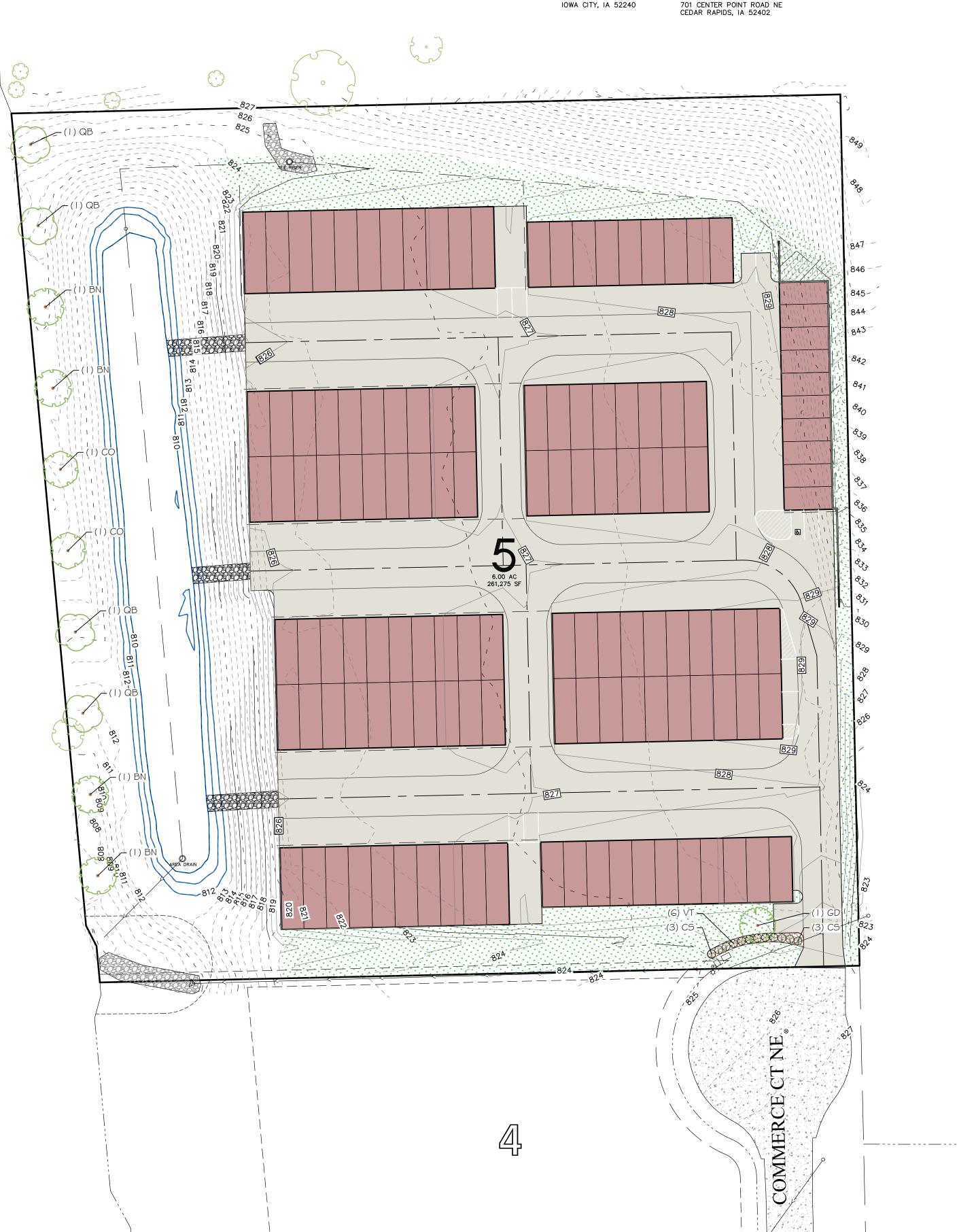
ALL FITTINGS AND COUPLINGS SHALL BE SPECIFICALLY MANUFACTURED FOR USE WITH THE ABOVE SPECIFIED PIPE MATERIALS.

COMPACTED NATIVE -MATERIAL BACKFILL WRAP GRANULAR ENVELOPE IN FILTER FABRIC CONFORMING — TO IDOT 4196.01B & LAP OVER TOP COMPACTED ~ GRANULAR BACKFILL -UNDISTURBED 12" PERFORATED 1 CONTECH A-2000

ROOF DRAIN DOWN SPOUT (SEE ARCH PLANS FOR SIZE AND SHAPE) CONNECT DOWNSPOUT WITH AN ADAPTER MATCHING THE SIZE AND SHAPE OF DOWN
SPOUT MATCHING COLOR OF DOWNSPOUT
OR ROOF DRAIN VERTICAL PIPE, OR EXTEND
DOWNSPOUT INTO PVC ROOF DRAIN PIPE. - PROPOSED GROUND ADJACENT TO BUILDING SLOPE VARIES

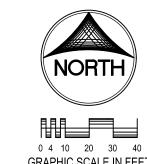
AMENDED SITE PLAN LOT 5, COMMERCE COURT ADDITION JOHNSON COUNTY, IOWA

PLAT/PLAN PREPARED BY:
MMS CONSULTANTS, INC.
1917 S. GILBERT STREET VAULT STORAGE, LLC ROBISON CONSTRUCTION 701 CENTER POINT ROAD NE CEDAR RAPIDS, IA 52402



SITE LAYOUT AND DIMENSION PLAN SITE GRADING, EROSION CONTROL PLAN, AND SWPPP

DETAILED GRADING PLAN GENERAL NOTES AND DETAILS SITE LANDSCAPE PLAN



GRAPHIC SCALE IN FEET 1"=40' TANDARD LEGEND AND NOTES - PROPERTY &/or BOUNDARY LINES — — — — — — CONGRESSIONAL SECTION LINES

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— — — — CENTER LINES — — — EXISTING CENTER LINES - LOT LINES, INTERNAL
- LOT LINES, PLATTED OR BY DEED
- - PROPOSED EASEMENT LINES --- - EXISTING EASEMENT LINES - RECORDED DIMENSIONS CURVE SEGMENT NUMBER -EXIST-- POWER POLE - POWER POLE W/DROP - POWER POLE W/TRANS - POWER POLE W/LIGHT GUY POLE - LIGHT POLE - SANITARY MANHOLE FIRE HYDRANT WATER VALVE - DRAINAGE MANHOLE - CURB INLET - FENCE LINE - EXISTING SANITARY SEWER -- PROPOSED SANITARY SEWER — – EXISTING STORM SEWER

— PROPOSED STORM SEWER — – WATER LINES - - - E - - - E - - ELECTRICAL LINES - PROPOSED ELECTRICAL LINES — – TELEPHONE LINES — GAS LINES— PROPOSED GAS LINES - - FIBER OPTIC - - - OHE - OVERHEAD ELECTRIC ---- CONTOUR LINES (INTERVAL) - EXISTING TREE LINE - EXISTING DECIDUOUS TREE & SHRUB - EXISTING EVERGREEN TREES & SHRUBS THE ACTUAL SIZE AND LOCATION OF ALL PROPOSED FACILITIES SHALL BE VERIFIED WITH CONSTRUCTION DOCUMENTS, WHICH ARE TO BE PREPARED AND SUBMITTED SUBSEQUENT TO THE

---- - EXISTING RIGHT-OF-WAY LINES

THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER IDOT STANDARD ROAD PLANS AND JOHNSON COUNTY REQUIREMENTS AT ALL TIMES DURING WORK WITHIN PUBLIC R.O.W.

THE CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDERS FOR ANY REQUIRED RELOCATION OF EXISTING UTILITIES.

LANDSCAPE REQUIREMENTS

VEGETATIVE OVERSTORY:

I TREE EVERY 50 LF OF FRONTAGE - INTERSTATE 380: 536.26 / 50 = 10 TREES REQ. - COMMERCE CT: 89.17 / 50 = 1 TREE REQ.

I I TREES PROVIDED VEGETATIVE UNDERSTORY:

NO LESS THAN 66% SCREENING AT A HEIGHT OF 3' - COMMERCE CT: 89.17 X 0.66 = 58.85 / 5 = 12 SHRUBS REQ. I 2 SHRUBS PROVIDED

LANDSCAPE LEGEND

TURF GRASS

PLANTING BED

SITE LANDSCAPE PLAN

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	COMMENT	MATURE H. X W
TREES							
Ex.	BN	4	Betula nigra	River Birch	2" Cal.	В¢В	60` x 45`
	СО	2	Celtis occidentalis	Common Hackberry	2" Cal.	B¢B	60` x 40`
	GD	1	Gymnocladus dioica 'Espresso-JFS'	Espresso Kentucky Coffeetree	2" Cal.	B≰B	50` x 35`
	QB	4	Quercus bicolor	Swamp White Oak	2" Cal.	B¢B	60, x 60,
SHRUBS, ORNAMENTAL GRASSES & PERENNIALS							
	C5	6	Cornus sericea `Bailadeline` TM	Firedance Red Twig Dogwood	24" Ht.	Container	4` x 5`
$\bar{\otimes}$	VT	6	Viburnum trilobum `Bailey Compact`	Bailey`s Compact Viburnum	30" Ht.	Container	6` x 5`

LOT 5, COMMERCE COURT ADDITION

JOHNSON COUNTY IOWA

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