

North Liberty Planning Commission

Meeting Information

Tuesday, June 5, 2018 6:30 PM City Council Chambers

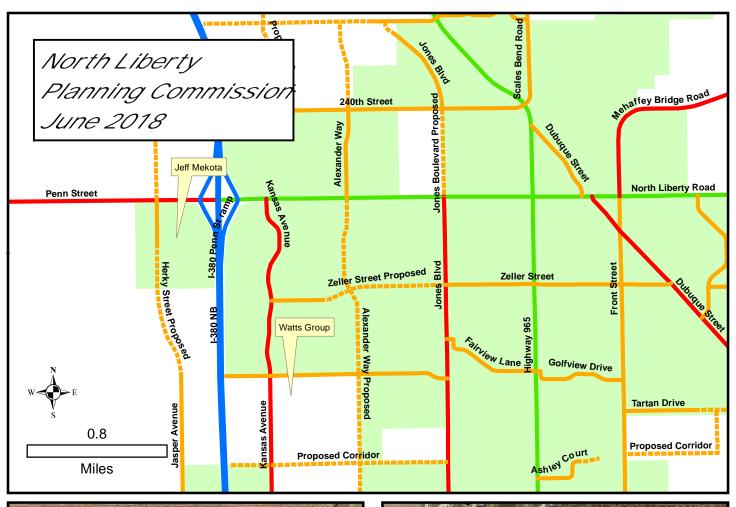
If you would like additional information, larger-scale maps, or other information before the meeting, please contact Dean Wheatley at 626-5747 or at dwheatley@northlibertyiowa.org

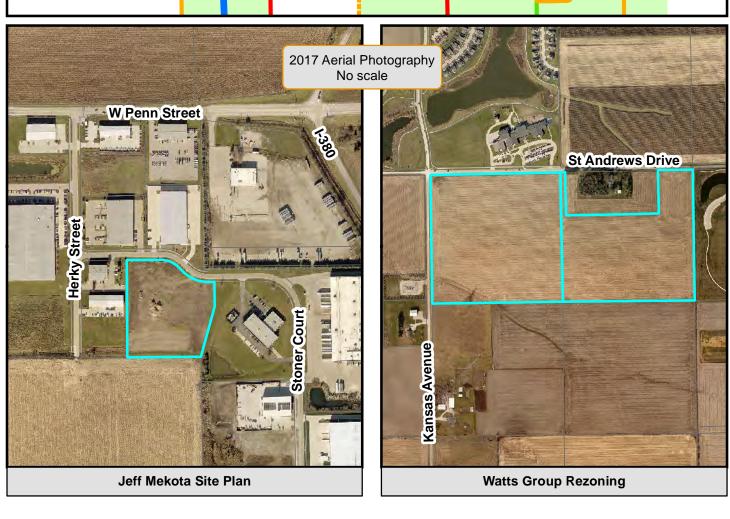


NORTH LIBERTY PLANNING COMMISSION MEETING NOTICE AND AGENDA

Tuesday, June 5, 2018, 6:30 PM North Liberty City Council Chambers, 1 Quail Creek Circle

- 1. ROLL CALL
- 2. AGENDA APPROVAL
- SITE PLAN: Request from Jeff Mekota to approve a site plan for a commercial warehouse development in the I-380 Industrial Park Area west of I-380. (Legal: I-380 Industrial Park Lot 11)
 - a. Staff Presentation
 - b. Applicants Presentation
 - c. Public Comments
 - d. Questions and Comments
 - e. Recommendation to the City Council
- **4. REZONING:** Request from the Watts Group to approve residential rezoning for property located at the southeast corner of Kansas Avenue and St. Andrews Drive. (Legal: NW1/4, SW1/4 and NE1/4, SW1/4 Section 14-80-7; except Devers Subdivision)
 - a. Staff Presentation
 - b. Applicants Presentation
 - c. Public Comments
 - d. Questions and Comments
 - e. Recommendation to the City Council
- 5. APPROVAL OF PREVIOUS MINUTES
- 6. OLD BUSINESS
- 7. NEW BUSINESS
- 8. ADJOURNMENT







May 29, 2018

Memo

To: North Liberty Planning Commission From: Dean Wheatley, Planning Director

Subject: Request from Jeff Mekota to approve a site plan for a commercial warehouse development

in the I-380 Industrial Park Area west of I-380.

(Legal: I-380 Industrial Park Lot 11)

Your North Liberty city staff has reviewed the subject submission, and offer comments presented in this memo. The staff review team includes the following personnel:

Ryan Heiar, City Administrator Tracey Mulcahey, Assistant City Administrator Tom Palmer, City Building Official Scott Peterson, City Attorney Kevin Trom, City Engineer Dean Wheatley, Planning Director

This request is to approve a site plan for a large storage unit development located on Stoner Court east of Herky Drive, on property zoned I-1 (Industrial).

The site layout packs a lot of storage units on the site with reasonable setbacks and two very large buildings with 22 and 16 450 square foot units, though some units may be combined. Units are intended to be sold as condominium units, though that does not impact the site plan. The site is quite flat and stormwater drainage will be managed through a large stormwater basin at the south end of the lot. Landscaping meets minimum requirements but also includes additional trees along Stoner Court.

The buildings are metal construction, with masonry content that exceeds North Liberty standards for all building elevations. The most recent similar plans for mini warehouse development included windows within the outside elevations, which helped break up the monotony of the long sides, and featured enhanced building elevations through offsets and corner taller structures, but the difference between that site and this is that the former was in a commercially-zoned area highly visible from I-380 and this site is at an industrial-zoned lot internal to the area. In response to that staff recommendation in the preliminary report, the developer has proposed to add windows on the north sides of the buildings (facing Stoner Court), cutting into the masonry area in a visually interesting way.

Parking for sites such as this is an ongoing problem for the City, and this plan has been modified from the initial submittal to provide substantially more on-site parking. The City standard for warehousing is 1 space per 2,000 square feet plus one space per employee. In most cases including this one, no one knows before the facility is built who the tenants or owners will be, so the space per employee

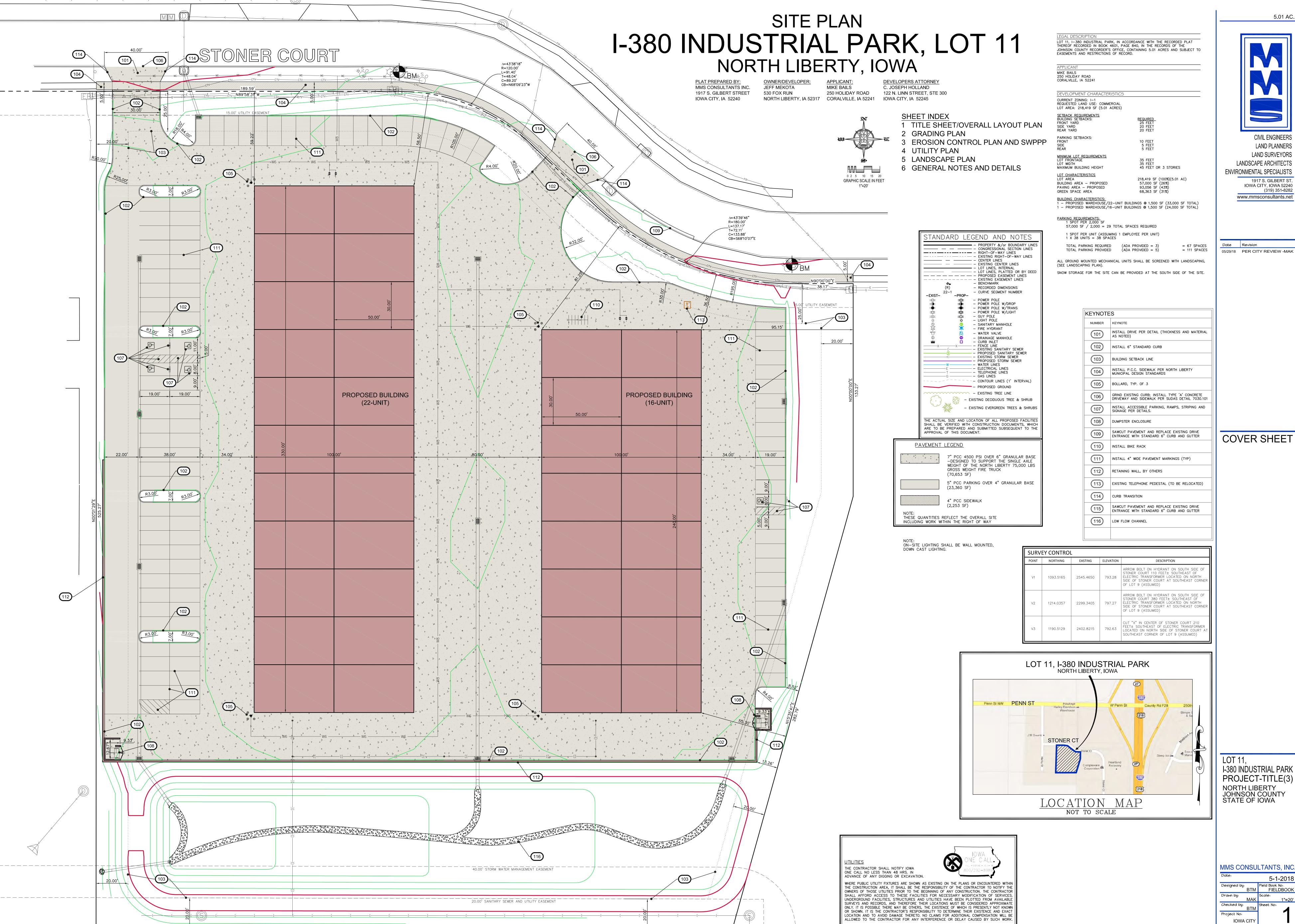
standard is hard to estimate; however, we do know from experience that minimizing the parking has proven to be woefully inadequate, and this developer has taken that into account by providing 66% more parking than the absolute minimum requirement.

Staff recommends approval of the site plan.

Notes:

No outside storage areas are shown and so no outside storage or display will be allowed unless code requirements for such storage are met.

The owner has stated that no HVAC equipment is to be mounted outside. Any such equipment that may be visible is required to be screened.



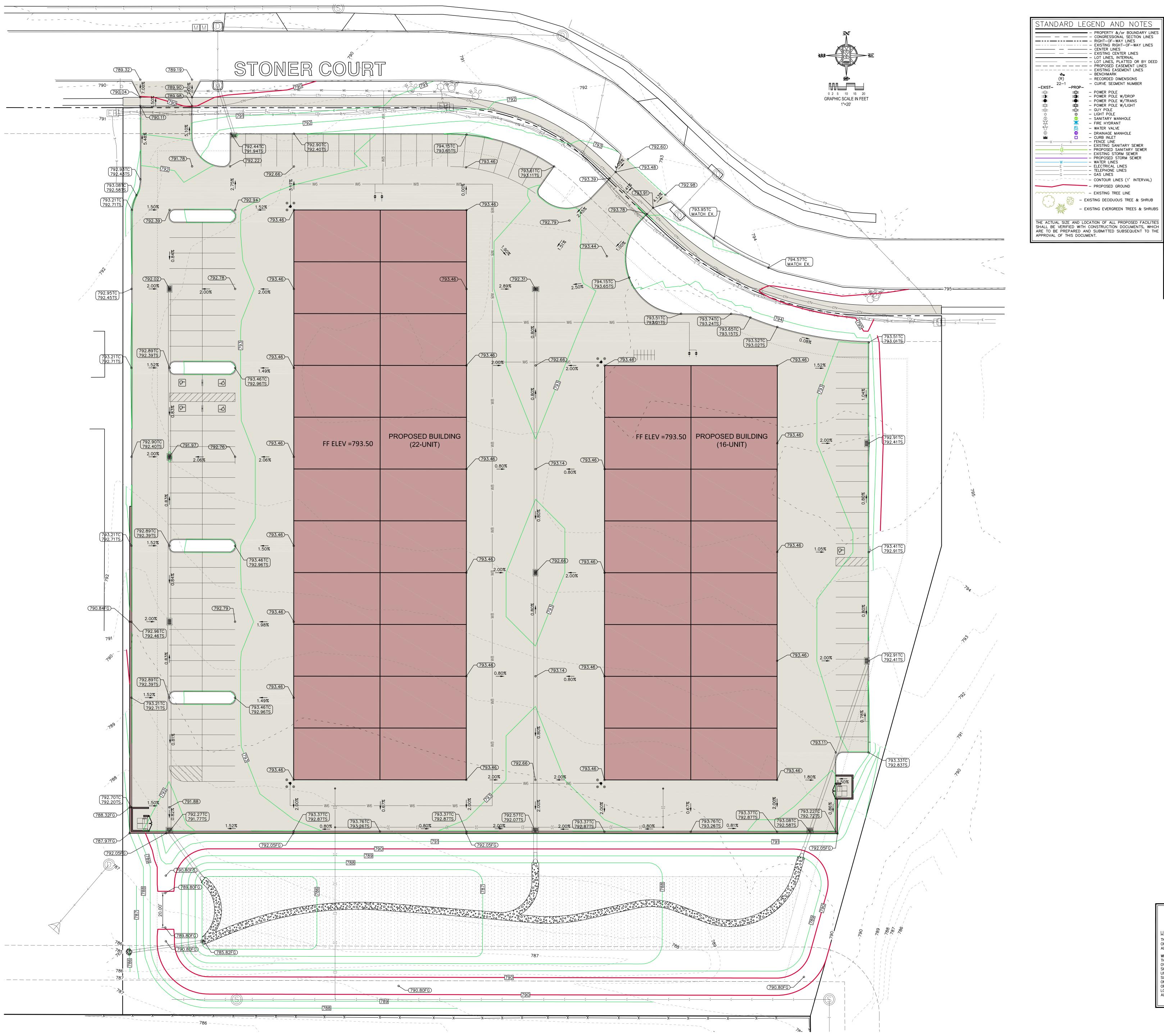
CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS **ENVIRONMENTAL SPECIALISTS** 1917 S. GILBERT ST IOWA CITY, IOWA 52240 (319) 351-8282

05/29/18 PER CITY REVIEW -MAK

COVER SHEET

I-380 INDUSTRIAL PARK JOHNSON COUNTY STATE OF IOWA

MMS CONSULTANTS, INC. IOWA CITY 10477-001



PERMANANT SEEDING OF URBAN AREAS

SUDAS TYPE 1 PERMANENT LAWN MIXTURE SHALL BE USED FOR PERMANENT SEEDING OF URBAN AREAS, INCLUDING ANY AREAS PREVIOUSLY MAINTAINED AS A LAWN. (SUDAS 9010.2.02). THE APPLICATION RATE SHALL BE AS LISTED BELOW:

TABLE 9010.06: TYPE 1 SEED MIXTURE (1)

COMMON NAME	APPLICATION RATE lb/acre
CREEPING RED FESCUE	25
TURF-TYPE PERENNIAL RYEGRASS (2)	20
TURF-TYPE PERENNIAL RYEGRASS (2)	20
KENTUCKY BLUEGRASS CULTIVAR (3)	65
KENTUCKY BLUEGRASS CULTIVAR (3)	65
KENTUCKY BLUEGRASS CULTIVAR (3)	65

1) A COMMERCIAL MIXTURE MAY BE USED IF IT CONTAINS A HIGH PERCENTAGE OF SIMILAR BLUEGRASSES; IT MAY OR MAY NOT CONTAIN CREEPING RED FESCUE.

2) CHOOSE TWO DIFFERENT CULTIVARS OF TURF—TYPE PERENNIAL RYEGRASS, AT 20 Ibs/ACRE EACH.

3) CHOOSE THREE DIFFERENT CULTIVARS OF KENTUCKY BLUEGRASS, AT 65 Ibs/ACRE EACH.

GRADING NOTES

- MAXIMUM SLOPE ON CUTS AND FILLS SHALL BE 3.5: HORIZONTAL TO 1: VERTICAL .
 NO EXCAVATION SHALL BE ALLOWED WITHIN 2' OF PROPERTY LINES.
- 3.) WHERE HEIGHT OF FILL IS GREATER THAN 30' AN INTERMEDIATE TERRACE OF AT LEAST 6' WIDE SHALL BE ESTABLISHED AT MID HEIGHT. SEE TYPICAL FILL SECTION.
- 4.) COMPACTION TO BE 90% MODIFIED PROCTOR WHERE > 6:1 SLOPE.
 5.) ALL TREES OUTSIDE THE LIMITS OF GRADING OPERATIONS SHALL BE SAVED, UNLESS 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, WITHIN THE REQUIREMENTS OF THE SPECIFICATIONS.
- 6.) PRIOR TO ANY GRADING A CONSTRUCTION SAFETY FENCE SHALL BE INSTALLED 50 FEET FROM TRUNKS OF TREES TO BE PROTECTED.
- 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 EROSION PROBLEMS. IF THE GRADING CONTRACTOR STOPS GRADING OPERATIONS FOR MORE THAN 14 DAYS, THEN STABILIZATION SEEDING SHALL BE DONE ON ALL DISTURBED AREAS.

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

- 8.) SILT FENCE LOCATIONS AND LENGTHS, AS INDICATED, ARE APPROXIMATE ONLY. FINAL LOCATIONS AND LENGTHS WILL BE DETERMINED, AS NEEDED, UPON COMPLETION OF GRADING OPERATIONS IN AN AREA.
- 9.) ALL STREET SUBGRADES SHALL BE CONSTRUCTED AND COMPACTED IN ACCORDANCE WITH CITY OF NORTH LIBERTY DESIGN AND CONSTRUCTION STANDARDS AND PROCEDURES.

THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER IDOT STANDARD ROAD PLANS AND CITY OF NORTH LIBERTY REQUIREMENTS AT ALL TIMES DURING WORK WITHIN PUBLIC ROW

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

GRADING TOPSOIL NOTE:

PRIOR TO FINAL SEEDING, ALL GREEN SPACE SHALL BE TILLED TO A MINIMUM DEPTH OF 12" AND COVERED WITH A MINIMUM OF 6" OF TOPSOIL. CONTRACTOR SHALL BE RESPONSIBLE FOR STOCKPILING ADEQUATE TOPSOIL FOR ALL GREEN SPACE.

GRADING PLAN

5.01 AC.

CIVIL ENGINEERS

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NOTES:

1. ALL ELEVATIONS ARE TOP OF SLAB UNLESS NOTED OTHERWISE.

 FINAL STABILIZATION SHALL BE IMPLEMENTED WITHIN 14 DAYS OF FINAL GRADING COMPLETION.

> LOT 11, I-380 INDUSTRIAL PARK PROJECT-TITLE(3) NORTH LIBERTY JOHNSON COUNTY STATE OF IOWA

UTILITIES

THE CONTRACTOR SHALL NOTIFY IOWA
ONE CALL NO LESS THAN 48 HRS. IN
ADVANCE OF ANY DIGGING OR EXCAVATION.

IOWA
ONE CALL

CALL - EEDIFE - YOJ - DB

800/292-8989

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.

MMS CONSULTANTS, INC.

Date: 5-1-2018

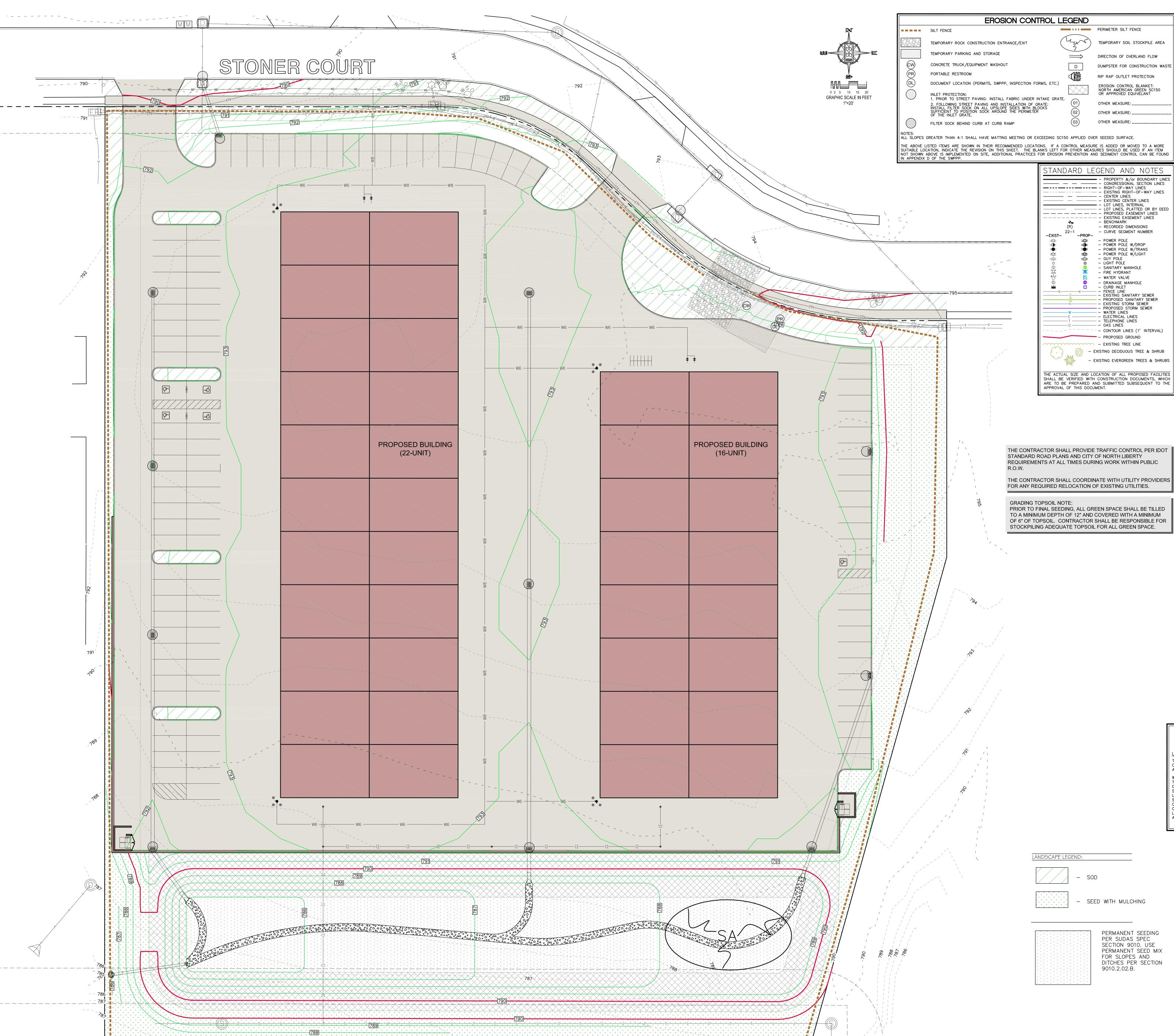
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Drawn by: Scale: MAK 1"=20'

Checked by: Sheet No:

IOWA CITY

10477-001



STABILIZATION SEEDING

STABILIZATION SEEDING SHALL BE IN ACCORDANCE WITH SUDAS SECTION 9010.2.02 SEED MIXTURES AND SEEDING DATES.

TABLE 9010.06: TYPE 4 SEED MIXTURE

COMMON NAME

APPLICATION RATE Ib/acre

SPRING - MARCH 1 - MAY 20

ANNUAL RYEGRASS

40

OATS*

65

SUMMER - MAY 21 - AUGUST 14

ANNUAL RYEGRASS

50

OATS*

95

FALL - AUGUST 15 - SEPTEMBER 30

ANNUAL RYEGRASS

40

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)

GRADING AND EROSION CONTROL NOTES

65

TOTAL SITE AREA: 1.68 ACRES TOTAL AREA TO BE DISTURBED: 1.68 ACRES

ENGINEER MAY DELETE FOR PREVIOUSLY ESTABLISHED URBAN AREAS.

AIN RYF

EROSION CONTROL MEASURES SHOWN SHALL BE USED DURING FILL ACTIVITIES. EROSION CONTROL MEASURES SHALL BE REEVALUATED AND MODIFIED, IF NECESSARY, AT THE TIME OF SITE DEVELOPMENT.

ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES THAT COULD BE USED ON SITE, IF NEEDED, CAN BE FOUND IN APPENDIX D OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) BINDER PREPARED FOR THE SITE. IF ADDITIONAL MEASURES ARE USED, INDICATE THE TYPE AND LOCATION OF SAID MEASURE ON THIS PLAN.

CONTRACTOR SHALL INSTALL A ROCK ENTRANCE AND PERFORM REGULAR CLEANING OF VEHICLES THAT LEAVE THE SITE.

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 CITY CSR REGULATIONS.

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

THE NPDES PERMIT, SWPPP, AND THE

TOR SHALL INSTALL FILTER SOCKS OR

PROTECTION AT FACH STREET INTAKE

5.01 AC.

CIVIL ENGINEERS

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1917 S. GILBERT ST.

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SILT FENCE DETAIL

N.T.S.

COMPACTED NATIVE
SOIL BACKFILL

FILTER FABRIC

UNDISTURBED OR COMPACTED SOIL

 POSTS SHALL BE 1.33 POUNDS PER LINEAL FOOT STEEL WITH A MINIMUM LENGTH OF 5 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.

INSTALLATION

- 2. SILT FENCE FABRIC SHALL CONFORM TO I.D.O.T. STANDARD SPECIFICATION SECTION 4196.01.A. SILT FENCING SHALL BE A MINIMUM OF 24" AND A MAXIMUM OF 36" HIGH WHEN COMPLETE.
- THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE FENCE TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, THE FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6" OVERLAP, AND SECURELY SEALED.
- 4. POSTS SHALL BE SPACED A MAXIMUM OF 8 FEET APART AND DRIVEN SECURELY INTO THE GROUND ALONG THE FENCE ALIGNMENT. POSTS SHALL BE DRIVEN INTO THE GROUND A MINIMUM OF 28".
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4" WIDE BY 12" DEEP ALONG THE UPSLOPE SIDE OF THE POSTS.
- 6. FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE POSTS SUCH THAT THE FABRIC EXTENDS INTO THE TRENCH AS SHOWN ABOVE. THE FABRIC SHALL BE FASTENED A MINIMUM OF THREE PLACES ON EACH POST.
- 7. THE TRENCH SHALL BE BACK FILLED WITH EXCAVATED MATERIAL AND THOROUGHLY COMPACTED.
 - MAINTENANCE
- SILT FENCES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAIN-FALL EVENT OF 0.5 INCHES OR MORE. DURING PERIODS OF PROLONGED RAIN INSPECTIONS SHALL BE AT LEAST DAILY. ANY REPAIRS NEEDED TO MAINTAIN THE SILT FENCE'S EFFECTIVENESS SHALL BE MADE IMMEDIATELY.
 SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE
- PRIOR TO STABILIZING THE UPSLOPE AREAS THE FABRIC SHALL BE REPLACED PROMPTLY.

 SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN THE DEPOSITS REACH APPROXIMATELY ONE—HALF THE
- HEIGHT OF THE FENCE. SILTS REMOVED SHALL BE PLACED IN A PROTECTED PLACE THAT WILL PREVENT THEIR ESCAPE FROM THE CONSTRUCTION SITE.

 4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER NEEDED SHALL BE DRESSED TO CONFORM WITH THE EXISTING
- SILT FENCE SHALL REMAIN IN PLACE UNTIL IT IS NO LONGER NEEDED AS DIRECTED BY THE POLLUTION PREVENTION PLAN. GENERALLY SILT FENCES SHALL REMAIN UNTIL THE UPSLOPE AREAS ARE STABILIZED WITH AN ESTABLISHED GRASS COVER AS A MINIMUM.

UTILITIES
THE CONTRACTOR SHALL NOTIFY IOWA
ONE CALL NO LESS THAN 48 HRS. IN

GRADE, PREPARED AND SEEDED.

IOWA
ONE CALL
CALL - BEFORE - YOU - DO
800/292-8989

ADVANCE OF ANY DIGGING OR EXCAVATION.

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LOT 11, I-380 INDUSTRIAL PARK PROJECT-TITLE(3) NORTH LIBERTY JOHNSON COUNTY STATE OF IOWA

MMS CONSULTANTS, INC.

Date: 5-1-2018

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Checked by: BTM

Project No: IOWA CITY

10477-001

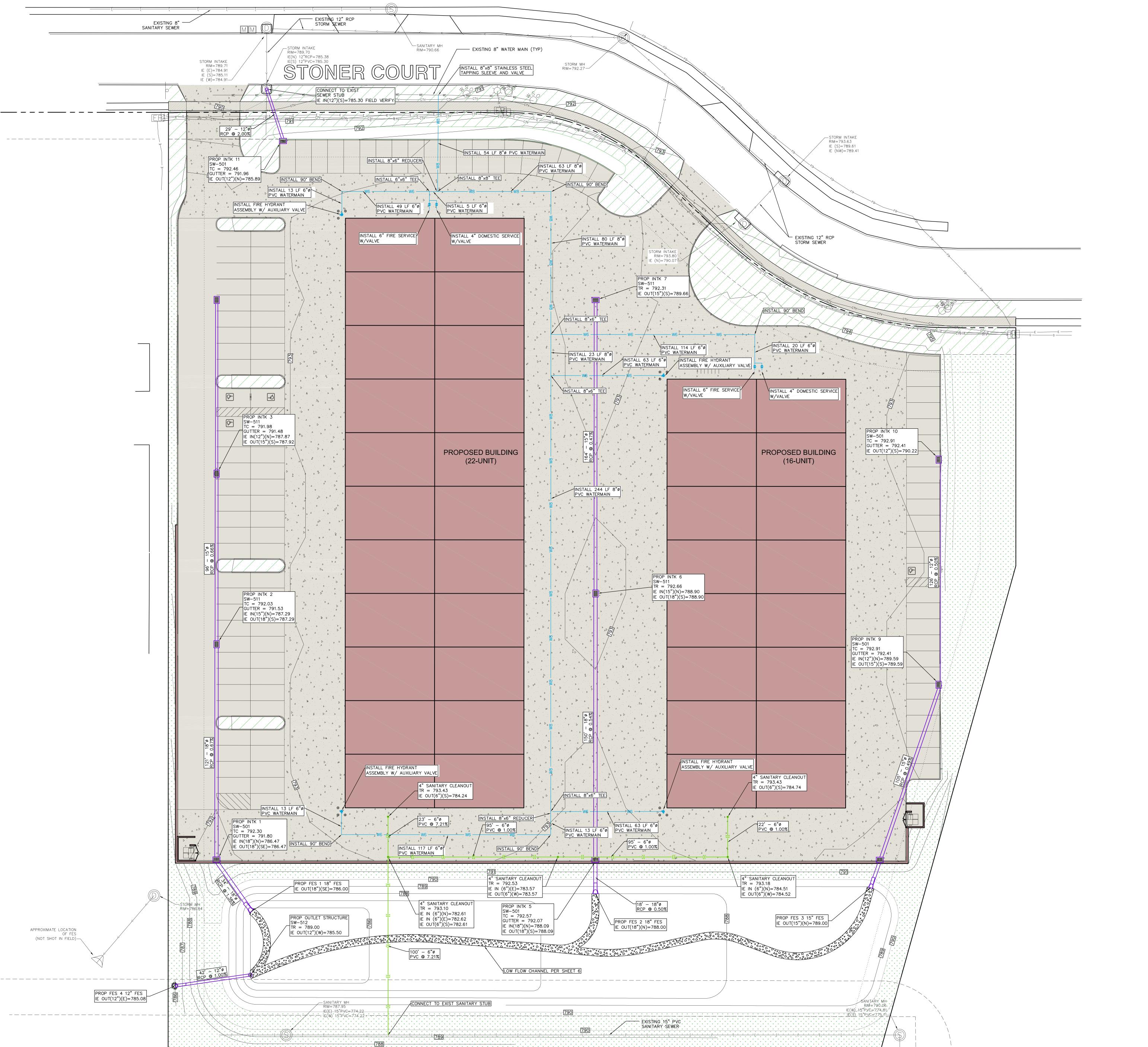
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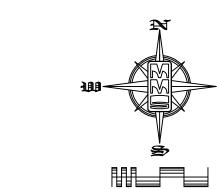
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GRAPHIC SCALE IN FEET

STANDARD LEGEND AND NOTES —— – PROPERTY &/or BOUNDARY LINES — — — — — CONGRESSIONAL SECTION LINES - - - - - - - EXISTING RIGHT-OF-WAY LINES — — — CENTER LINES — — EXISTING CENTER LINES — – LOT LINES, INTERNAL - LOT LINES, PLATTED OR BY DEED — — — — — — — PROPOSED EASEMENT LINES ----- EXISTING EASEMENT LINES BENCHMARK RECORDED DIMENSIONS CURVE SEGMENT NUMBER -EXIST--PROP-- 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— ELECTRICAL LINES— TELEPHONE LINES - - GAS LINES --- CONTOUR LINES (1' INTERVAL) - PROPOSED GROUND - 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

THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER IDOT STANDARD ROAD PLANS AND CITY OF NORTH LIBERTY REQUIREMENTS AT ALL TIMES DURING WORK WITHIN PUBLIC P.O.W.

APPROVAL OF THIS DOCUMENT.

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

UTILITY PLAN

5.01 AC.

CIVIL ENGINEERS

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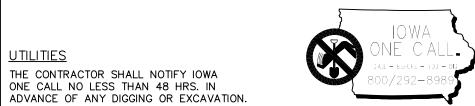
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LOT 11, I-380 INDUSTRIAL PARK PROJECT-TITLE(3) NORTH LIBERTY JOHNSON COUNTY STATE OF IOWA



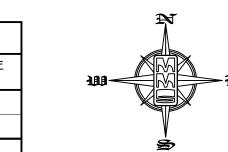
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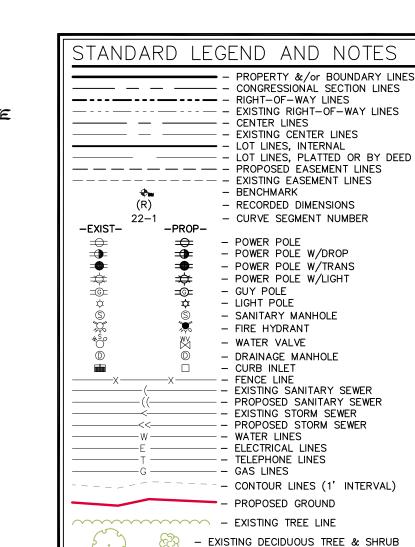
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MMS CONSULTANTS, INC				
Date:	5-1-2018			
Designed by: B7	Field Book No: TM FIELDBOOK			
Drawn by: Мл	Scale: AK 1"=20			
Checked by: B7	Sheet No: TM			
Project No:				
IOWA CI	TY			
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THE ACTUAL SIZE AND LOCATION OF ALL PROPOSED FACILITIES SHALL BE VERIFIED WITH CONSTRUCTION DOCUMENTS, WHICH ARE TO BE PREPARED AND SUBMITTED SUBSEQUENT TO THE

CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS LANDSCAPE ARCHITECTS **ENVIRONMENTAL SPECIALISTS** 1917 S. GILBERT ST. IOWA CITY, IOWA 52240 - EXISTING EVERGREEN TREES & SHRUBS

Date Revision

05/29/18 PER CITY REVIEW

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THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER IDOT STANDARD ROAD PLANS AND CITY OF NORTH LIBERTY REQUIREMENTS AT ALL TIMES DURING WORK WITHIN PUBLIC

APPROVAL OF THIS DOCUMENT.

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

LANDSCAPE REQUIREMENTS: 1 TREE WITHIN 40' OF EVERY PARKING SPACE.

PROVIDED

1 TREE PER 2,000 SF OF BUILDING FOOTPRINT. - 57,000 / 2,000 = 29 TREES REQUIRED TOTAL TREES PROVIDED = 29 TREES

ANDSCAPE LEGEND:

- SEED WITH MULCHING

LANDSCAPE PLAN

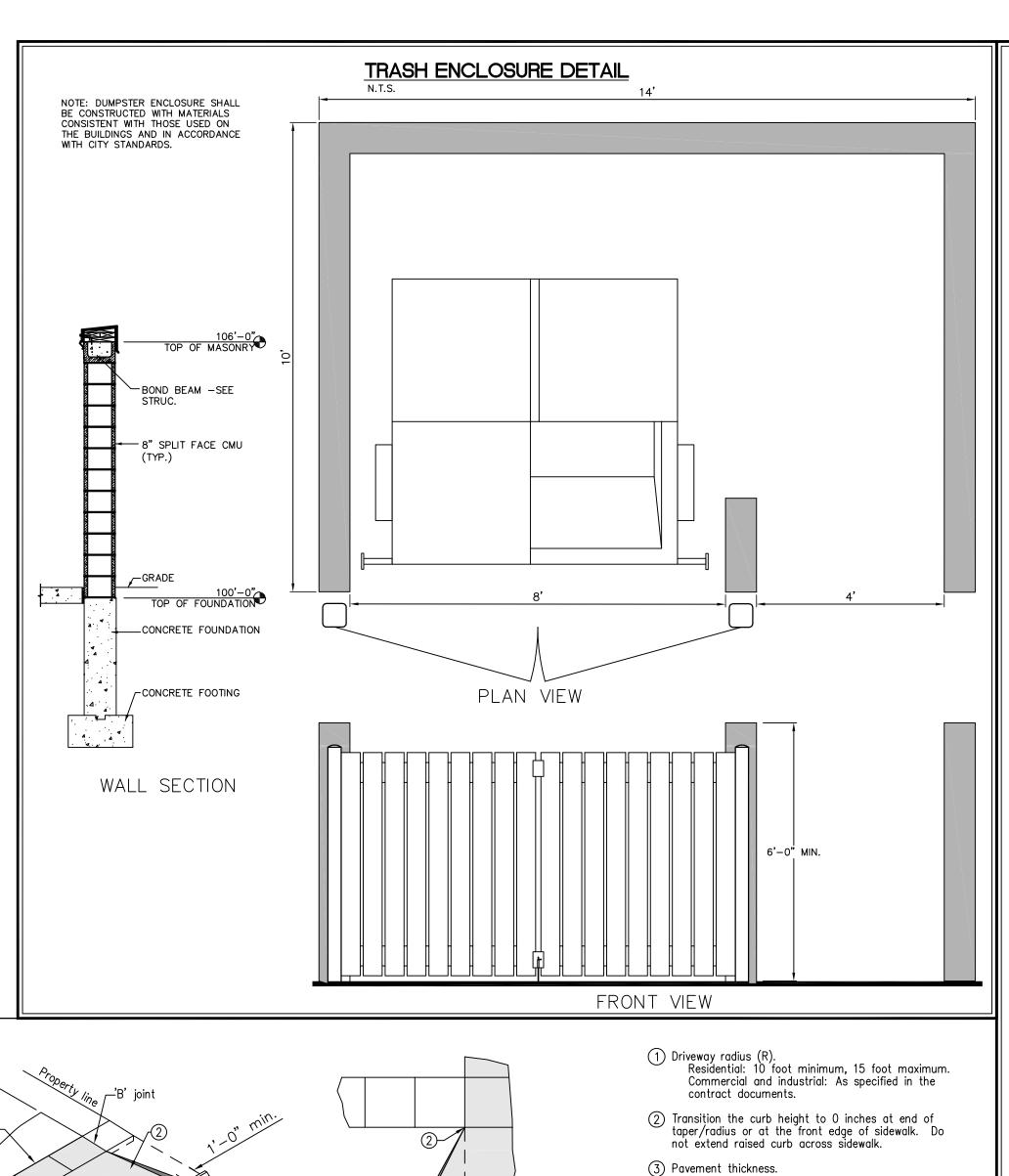
LOT 11, I-380 INDUSTRIAL PARK

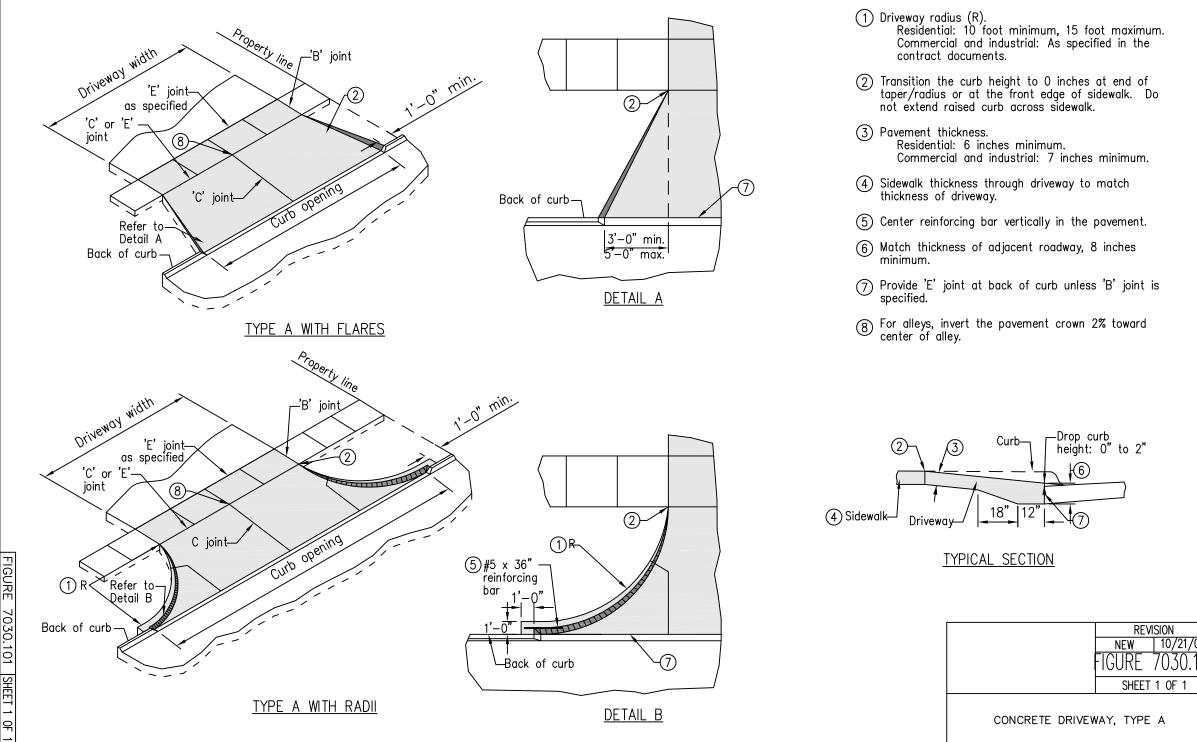
NORTH LIBERTY JOHNSON COUNTY STATE OF IOWA

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MMS CONSULTANTS, INC. FIELDBOOK IOWA CITY





TYPICAL HEADLIGHT SCREENING DETAIL MIN. MATURE HT. — 4" MIN. MULCH — 6" MIN. TOPSOIL SIDEWALK — EXISTING SUBGRADE -

SANITARY SEWER AND WATER MAIN CONSTRUCTION NOTES

- **ALL SANITARY SEWER MANHOLE LIDS SHALL HAVE THE WORDS 'SANITARY SEWER' CAST IN THE LID**
- 1) SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AS PREPARED BY MMS CONSULTANTS, INC. CONSTRUCTION SHALL ALSO CONFORM TO THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) MANUAL,
- AND TO THE CITY OF NORTH LIBERTY STANDARDS AND APPROVED MANUFACURERS/MODELS. 2) ALL TRENCH EXCAVATIONS SHALL BE COMPLETED IN ACCORDANCE WITH SUDAS SPECIFICATION SECTION 3010.
- 3) CONTRACTOR SHALL PROVIDE CLASS 1 CRUSHED STONE ENCASEMENT BEDDING ACCORDING TO SUDAS SPECIFICATION 3010,2.02,A FOR ALL SANITARY SEWER UNLESS NOTED OTHERWISE ON THE PLANS.
- 4) SANITARY SEWERS TO BE PVC TRUSS PIPE (SUDAS 4010,2.01,E) UNLESS NOTED OTHERWISE. SANITARY SEWER SERVICE LINES SHALL BE PVC, SDR 23.5 WITH GASKETED JOINTS (SUDAS 4010,2.04,C).
- 5) CONTRACTOR TO PROVIDE CLOW "BAND-SEAL" COUPLINGS FOR DISSIMILAR PIPE
- 6) WATER MAINS SHALL BE DR-18 PVC PIPE, IN COMPLIANCE WITH SUDAS SPECIFICATION SECTION 5010,2.01, UNLESS NOTED OTHERWISE ON THE PLANS.
- 7) ALL CLASS 52 DIP SHALL BE WRAPPED WITH 8 MIL. POLYETHYLENE WRAP IN COMPLIANCE WITH SUDAS 5010,3.05.
- 8) #12 AWG SOLID COPPER TRACER WIRE SHALL BE INSTALLED ALONG ENTIRE LENGTH OF NEW WATER MAIN, IN COMPLIANCE WITH SUDAS SPECIFICATION 5010,3.06 AND FIGURE 5010.102. THHN INSULATION IN YELLOW, ORANGE OR BLUE.
- 9) SANITARY SEWER TRENCHES SHADED ON THE PROFILE VIEW SHALL BE BACKFILLED WITH EITHER OF THE FOLLOWING COMPACTED TO 95% STANDARD PROCTOR DENSITY: A. SUITABLE EXCAVATED MATERIAL. IF EXCAVATED MATERIAL IS NOT SUITABLE, THEN B. CRUSHED STONE AS SPECIFIED FOR GRANULAR TRENCH BACKFILL SHALL BE USED. *REFER TO SUDAS SPECIFICATION 3010,2.01 FOR UNSUITABLE MATERIAL*
- 10) GRANULAR TRENCH BACKFILL SHALL BE CLASS 1 CRUSHED STONE CONFORMING TO SUDAS SPECIFICATION 3010,2.02,A. COMPACT TO 95% STANDARD PROCTOR DENSITY.
- 11) WATER MAINS WITHIN STREET RIGHT OF WAYS OR WITHIN EASEMENTS ADJACENT TO THE STREET RIGHT OF WAYS SHALL BE BACKFILLED WITH EITHER OF THE FOLLOWING COMPACTED
- TO 95% STANDARD PROCTOR DENSITY: A. SUITABLE EXCAVATED MATERIAL. IF EXCAVATED MATERIAL IS NOT SUITABLE, THEN
- B. CRUSHED STONE AS SPECIFIED FOR GRANULAR TRENCH BACKFILL SHALL BE USED. 12) ALL SANITARY SEWER SERVICE LINES CROSSING STREET RIGHT-OF-WAY SHALL BE BACKFILLED
- IN ACCORDANCE WITH THE PRECEDING NOTE. 13) ALL SANITARY SEWER SERVICE LINES SHALL BE EXTENDED
- A. TO THE UTILITY EASEMENT LINE FOR THOSE LOCATIONS WHERE THE LOTS BEING SERVED ARE ON THE OPPOSITE SIDE OF THE STREET FROM THE SEWER MAIN.

B. TO THE UTILITY EASEMENT LINE FOR THOSE LOCATIONS WHERE THE LOTS BEING SERVED

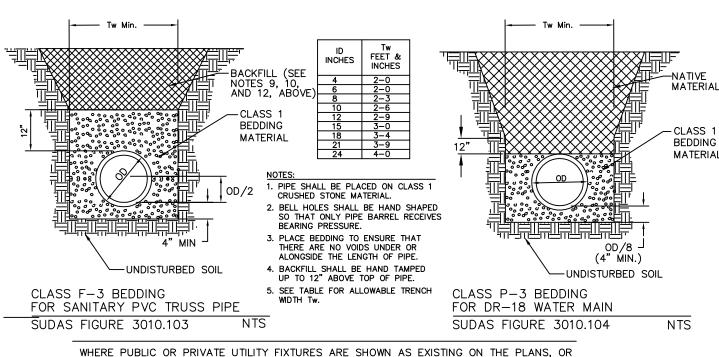
- ARE ADJACENT TO THE SEWER MAIN. THE FOLLOWING MINIMUM CLEARANCES MUST BE MAINTAINED, ACCORDING TO SUDAS SPECIFICATION 5010,3.07:
- 14) WATER MAIN SHALL BE LOCATED 10 FEET HORIZONTALLY DISTANT FROM ALL SANITARY SEWER AND STORM SEWER.
- 15) WATER MAIN SHALL NOT PASS THROUGH NOR CONTACT A SEWER OR A SEWER MANHOLE. A MINIMUM HORIZONTAL SEPARATION OF 3 FEET SHALL BE MAINTAINED.
- 16) VERTICAL SEPARATION OF WATER MAINS CROSSING OVER ANY SANITARY SEWER SHOULD BE A MINIMUM OF 18-INCHES, MEASURED OUTSIDE TO OUTSIDE FROM THE CLOSEST EDGE OF EACH PIPE. IF PHYSICAL CONDITIONS PROHIBIT THIS SEPARATION, THE WATER MAIN SHALL NOT BE PLACED CLOSER THAN 6-INCHES ABOVE A SEWER OR 18-INCHES BELOW A SEWER. THE SEPARATION DISTANCE SHALL BE THE MAXIMUM FEASIBLE IN ALL CASES.
- 17) WHERE THE WATER MAIN CROSSES SEWER, ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS ARE AS FAR AS POSSIBLE FROM THE SEWER. THE WATER AND SEWER PIPES MUST BE ADEQUATELY SUPPORTED AND HAVE WATER TIGHT JOINTS. A LOW PERMEABILITY SOIL SHALL BE USED FOR BACKFILL MATERIAL WITHIN 10-FEET OF THE POINT
- 18) NOMINAL DEPTH OF WATER MAIN = 5.5 FEET TO TOP OF PIPE.
- 19) WATER MAIN SHADED ON PLAN VIEW, AND ALL WATER SERVICE LINES CROSSING STREETS, SHALL BE INSTALLED PRIOR TO PAVING.
- 20) VIDEO INSPECTION OF ALL SANITARY SEWER MAINS IS REQUIRED PRIOR TO CITY ACCEPTING OWNERSHIP OF THE SYSTEM.

) ALL	. SANITARY SEWER AND SERVICE LINES SHALL BE AIR TESTED TO PASS THE FOLLO	DWING TEST:	
_	LOW PRESSURE AIR TESTING (SUDAS 4060,3.04,C)	SUDAS TABLE 40	060.02: TEST DURATION
A.	PERFORM FROM MANHOLE—TO—MANHOLE AFTER BACKFILL, CLEAN AND WET PIPE LINE	PIPE DIAMETER, (INCHES)	TEST PERIOD DURATION (MINITES)
B.	PLUG ALL INLETS AND OUTLETS TO RESIST THE TEST PRESSURE.	8 10	4.0 5.0
C.	USE THE TABLE TO THE RIGHT TO DETERMINE THE TEST DURATION FOR SECTION BEING TESTED. PRESSURE HOLDING TIME IS BASED ON AVERAGE HOLDING PRESSURE OF 3.0 PSI OR DROP FROM 3.5-2.5 PSI.	12 15 18 21	6.0 7.0 8.5 10.0
D.	INTRODUCE LOW-PRESSURE AIR INTO SEALED LINE AND ACHIEVE INTERNAL AIR PRESSURE OF 4 PSIG GREATER THAN MAXIMUM PRESSURE EXERTED BY GROUNDWATER ABOVE PIPE INVERT. PRESSURE IN SEWER SHOULD NOT EXCEED 5.0 PSI.	24 27 30 36	11.5 13.0 14.0 17.0
E.	ALLOW 2 MINUTES MINIMUM FOR AIR PRESSURE TO STABILIZE. DISCONNECT LOW-PRESSURE AIR HOSE FROM CONTROL PANEL.	42 48 54	20.0 23.0 25.5
F.	WHEN PRESSURE HAS STABILIZED AND IS AT OR ABOVE THE	60	28.5

- STARTING TEST PRESSURE OF 3.5 PSI, COMMENCE THE TEST.
 RECORD THE DROP IN PRESSURE FOR THE TEST PERIOD. THE TEST MAY BE DISCONTINUED WHEN
- THE PRESCRIBED TEST TIME HAS BEEN COMPLETED, EVEN THOUGH 1.0 PSI DROP HAS NOT OCCURRED. G. IF THE GROUNDWATER LEVEL AT THE TIME OF TESTING IS ABOVE THE PIPE INVERT, ADD 0.43 PSI OF AIR PER FOOT OF WATER ABOVE THE INVERT TO TEST AIR PRESSURE RANGE OF 2.5 PSI TO 3.5 PSI
- H. IF THE PRESSURE DROP EXCEEDS 1.0 PSI DURING THE TEST PERIOD, THE TEST WILL BE CONSIDERED TO HAVE FAILED. LOCATE AND REPAIR LEAKS, AND RETEST THE LINE.
- I. AIR TESTING SHALL BE CONSIDERED INCIDENTAL TO SANITARY SEWER CONSTRUCTION.
- 22) ALL PVC TRUSS SEWERS SHALL HAVE A DEFLECTION TEST PERFORMED AS FOLLOWS:
- DEFLECTION TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS.
- B. DEFLECTION TEST TO BE CONDUCTED BY PULLING A 9 ARM DEFLECTION MANDREL, COMPLYING WITH APPLICABLE ASTM STANDARDS, THROUGH SEWER BY HAND, IN ACCORDANCE WITH SUDAS SPECIFICATION 4060,3.05. C. NO PIPE SHALL EXCEED A DEFLECTION OF 5% OF INSIDE PIPE DIAMETER.
- 23) MANHOLE FRAME AND LID TO BE NEENAH R-1642 SELF SEALING OR APPROVED EQUAL.

MANHOLE FRAMES IN PAVING SHALL ALSO BE NON-ROCKING

24) CONTRACTOR SHALL PROVIDE A 2-YEAR MAINTENANCE BOND WITH THE CITY OF NORTH LIBERTY COVERING DEFECTIVE MATERIALS AND WORKMANSHIP FOR ALL SANITARY SEWER AND WATER SYSTEM IMPROVEMENTS.



WHERE PUBLIC OR PRIVATE 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 THOSE 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 THAT THERE MAY BE OTHER FACILITIES IN THE CONSTRUCTION AREA, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN HEREON. 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.

LOW FLOW CHANNEL

| ← ← + ' ← ←

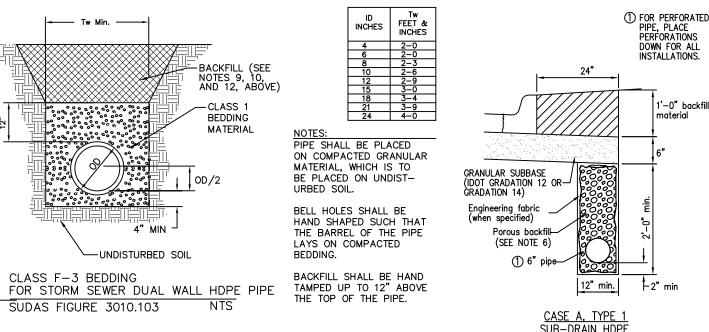
1 1/2" WASHED-CRÚSHED STONE

STORM SEWER AND SUB-SURFACE CONSTRUCTION NOTES

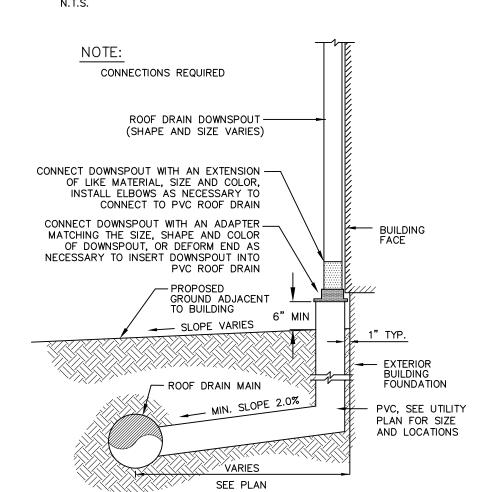
- ALL STORM SEWER AND SUB-SURFACE CONSTRUCTION SHALL CONFORM TO PLANS AND DETAILS PREPARED FOR THIS PROJECT BY MMS CONSULTANTS, INC., AS WELL AS CONFORM TO THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) MANUAL. CONSTRUCTION SHALL ALSO CONFORM TO THE CURRENT CITY OF NORTH LIBERTY DESIGN STANDARDS, WHICH SHALL SUPERSEDE PLANS AND DETAILS PROVIDED BY MMS CONSULTANTS.
- 2) ALL STORM SEWER INTAKE AND MANHOLE LIDS SHALL HAVE THE WORDS "STORM SEWER" CAST INTO THE LID. 3) ALL REINFORCED CONCRETE PIPE STORM SEWER SHALL BE CLASS III UNLESS NOTED OTHERWISE IN THE PLANS.
- 4) ALL REINFORCED CONCRETE PIPE (RCP) SHALL CONFORM TO SUDAS SPECIFICATION 4020,2.01,A WITH THE FOLLOWING ADDITIONAL RESTRICTIONS: ALL RCP JOINTS FOR 36" AND SMALLER PIPE SHALL HAVE TONGUE AND GROOVE JOINTS INCORPORATING RUBBER "O"-RING OR PROPILE GASKETS COMPLYING WITH ASTM C443 OR SHALL BE TONGUE AND GROOVE WITH ALL JOINTS
- WRAPPED WITH FILTER FABRIC A MINIMUM OF 24" WIDE. (i) RCP PIPE BEDDING SHALL CONFORM TO SUDAS FIGURE 3010.102 CLASS R-1. CLASS 1 BEDDING MATERIAL SHALL BE AS SPECIFIED
- IN SUDAS SPECIFICATION 3010,2.02,A. TRENCH BACKFILL SHALL BE SUITABLE EXCAVATED MATERIAL AS IDENTIFIED IN SUDAS SPECIFICATION 3010,2.01,A PLACED AND COMPACTED IN ACCORDANCE WITH SECTIONS 3.05, D AND E. THE OWNER MAY ELECT O TEST TRENCH COMPACTION AT THEIR OWN EXPENSE.

ACCORDANCE WITH SECTIONS 3.05 D AND E.

- 6) SUB-SURFACE DRAINAGE PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) CONFORMING TO SUDAS SPECIFICATION 4040,2.02,C FOR BOTH PERFORATED TILE AND SOLID WALL PIPE.) FOR SUB-SURFACE DRAINAGE IN TURF AREAS HDPE PIPE BEDDING SHALL CONFORM TO SUDAS FIGURE 3010.103 CLASS F-3. BEDDING MATERIAL SHALL BE POROUS BACKFILL MATERIAL AS SPECIFIED IN SUDAS SPECIFICATION 4040,2.04. TRENCH BACKFILL SHALL BE SUITABLE EXCAVATED MATERIAL AS IDENTIFIED IN SUDAS SPECIFICATION 3010,2.01,A PLACED AND COMPACTED IN
- 8) FOR SUB-SURFACE DRAINAGE UNDER PAVEMENT HDPE PIPE INSTALLATION SHALL CONFORM TO SUDAS FIGURE 4040,2.01, CASE C TYPE 1. BEDDING AND BACKFILL MATERIAL SHALL BE AS SPECIFIED IN SUDAS SPECIFICATION 4040,2.04.
- 9) AT LOCATIONS WHERE A FLARED END SECTION IS REQUIRED, THE PIPE LENGTHS SHALL BE MEASURED TO THE END OF THE FLARED END. THE FLARED END SECTION AND THE TWO UPSTREAM JOINTS ARE TO INCORPORATE TIED JOINTS.
- 10) ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE CONNECTED TO THE PROPOSED STORM SEWER. CONTRACTOR SHALL PROVIDE A FIVE-YEAR MAINTENANCE BOND COVERING DEFECTIVE MATERIALS AND WORKMANSHIP FOR ALL STORM SEWER SYSTEM IMPROVEMENTS.



DOWNSPOUT TO ROOF DRAIN SEWER CONNECTION DETAIL



OUTLET STRUCTURE

2'-0" RCP

BOTTOM OF HOLE 685.5

FES OUTLET DETAIL

FES AS SHOWN 7 ON PLAN

LIMITS OF _ EROSION STONE

----+----

TOE OF EMBANKMENT

TOP EROSION
STONE RIDGE

EROSION STONE THICKNESS AS

PIPE SCREEN-

RIPRAP PER PLAN-

FES AS SHOWN

NOTE: TOP EROSION STONE RIDGE TO BE APPROXIMATELY LEVEL FOR ENTIRE PERIMETER

6"ø HOLE

─NEENAH R-4341-A GRATE

ELEV.=789.00

OUTLET PIPE PER PLAN

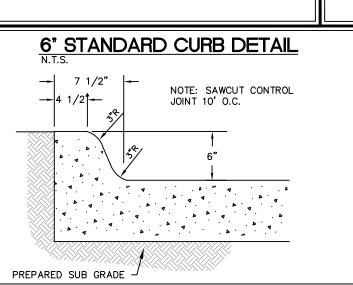
EROSION STONE - THICKNESS AS

PAVING CONSTRUCTION NOTES

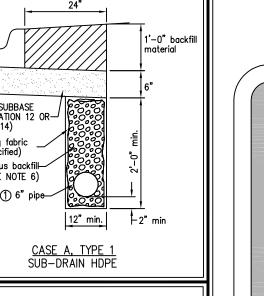
- PAVEMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH I.D.O.T. SPECIFICATION SECTION 2301.
- 2. I.D.O.T. CLASS C-3 CONCRETE SHALL BE USED, UNLESS NOTED
- 3. PAVEMENT JOINTS SHALL CONFORM TO I.D.O.T. STANDARD ROAD SUBGRADE UNDER PROPOSED PAVEMENT SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY, TO A DEPTH OF SIX (6)
- INCHES. UNLESS NOTED OTHERWISE. . ALL SAWED PAVEMENT JOINTS SHALL BE SEALED.

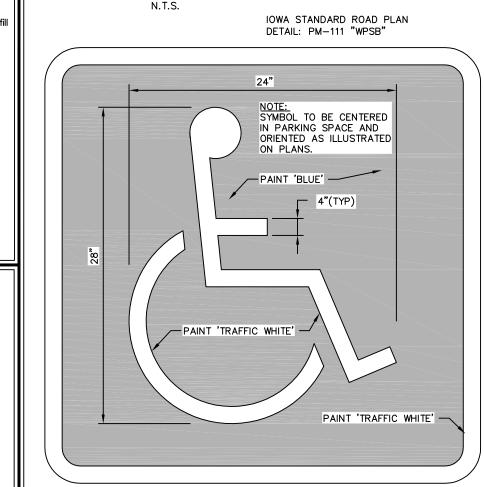
19' PARKING STALL <u>SEE PLA</u>N MIN 2% INVERTED CROWN 6" INTEGRAL CURB -6" INTEGRAL CURB

TYPICAL DRIVE/PARKING SECTION

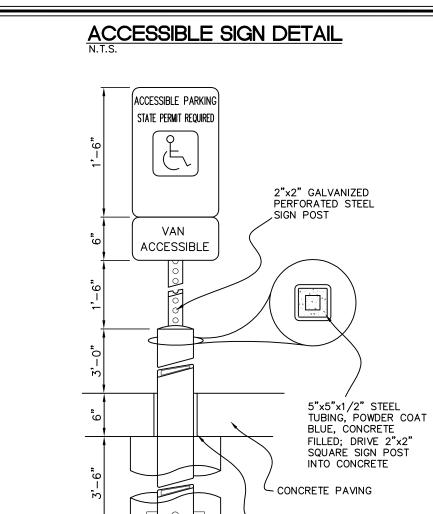


ACCESSIBLE PARKING SYMBOL

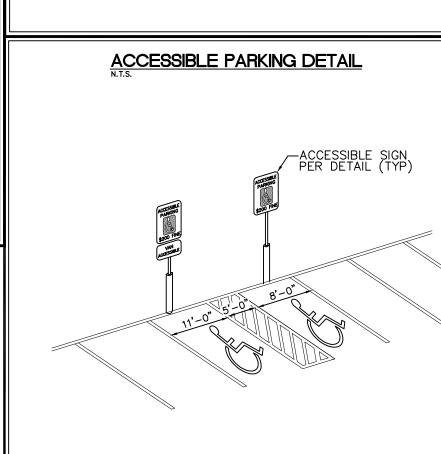




WWW.CPTEST.COM



EXPANSION JOINT



GENERAL NOTES AND DETAILS

5.01 AC.

CIVIL ENGINEERS

LAND PLANNERS

LAND SURVEYORS

1917 S. GILBERT ST.

(319) 351-8282

IOWA CITY, IOWA 52240

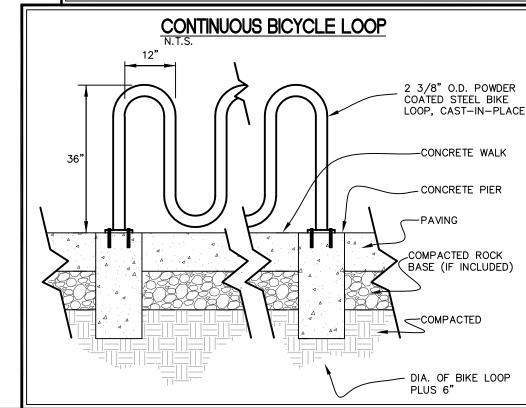
www.mmsconsultants.net

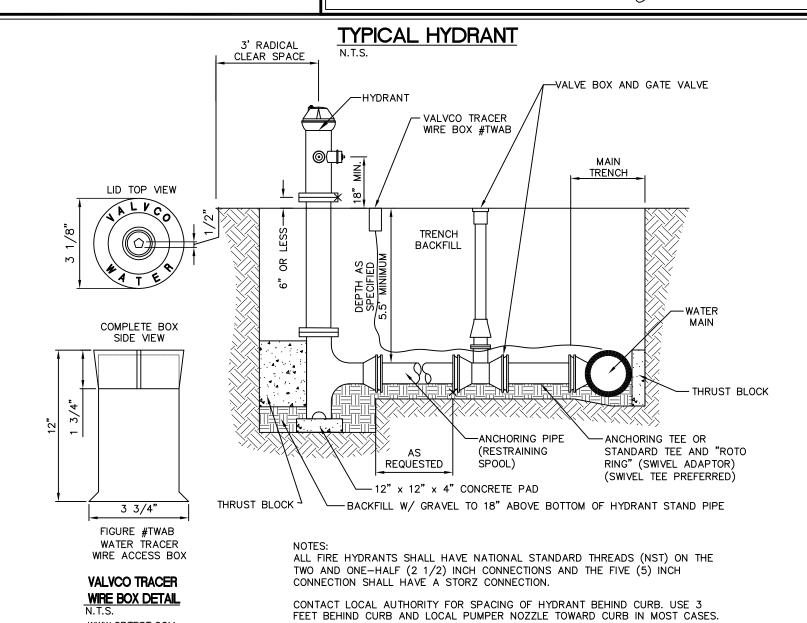
LANDSCAPE ARCHITECTS

ENVIRONMENTAL SPECIALISTS

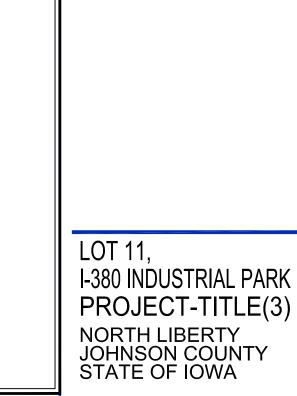
05/29/18 PER CITY REVIEW -MAK

Date Revision





PROVIDE VALCO TRACER WIRE BOX ADJACENT TO FIRE HYDRANT.



MMS CONSU	LTANTS, INC
Date:	5-1-2018
Designed by: BTM	Field Book No: FIELDBOOK
Drawn by: MAK	Scale: 1"=30
Checked by: BTM	Sheet No:
Project No:	h
IOWA CITY	U
10477-001	

Created: Tue May 01 09:04:05 2018, System Optima 6.7.13

NOT FOR CONSTRUCTION



Scale: NOT TO SCALE Optima 6.7.13 **ESTIMATOR** 5/1/018 David Peterson MAPLE - GRAND 240

MBMA

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of

record for this project.

This drawing is not for construction. This drawing is intended to depict general building information and is solely for sales presentation purposes. For clarity of presentation, items depicted may be different from actual design and final drawings. In the event of conflict between this drawing and the purchase order, the purchase order shall prevail.

Both Buildings North Faces (Toward Stoner Court)

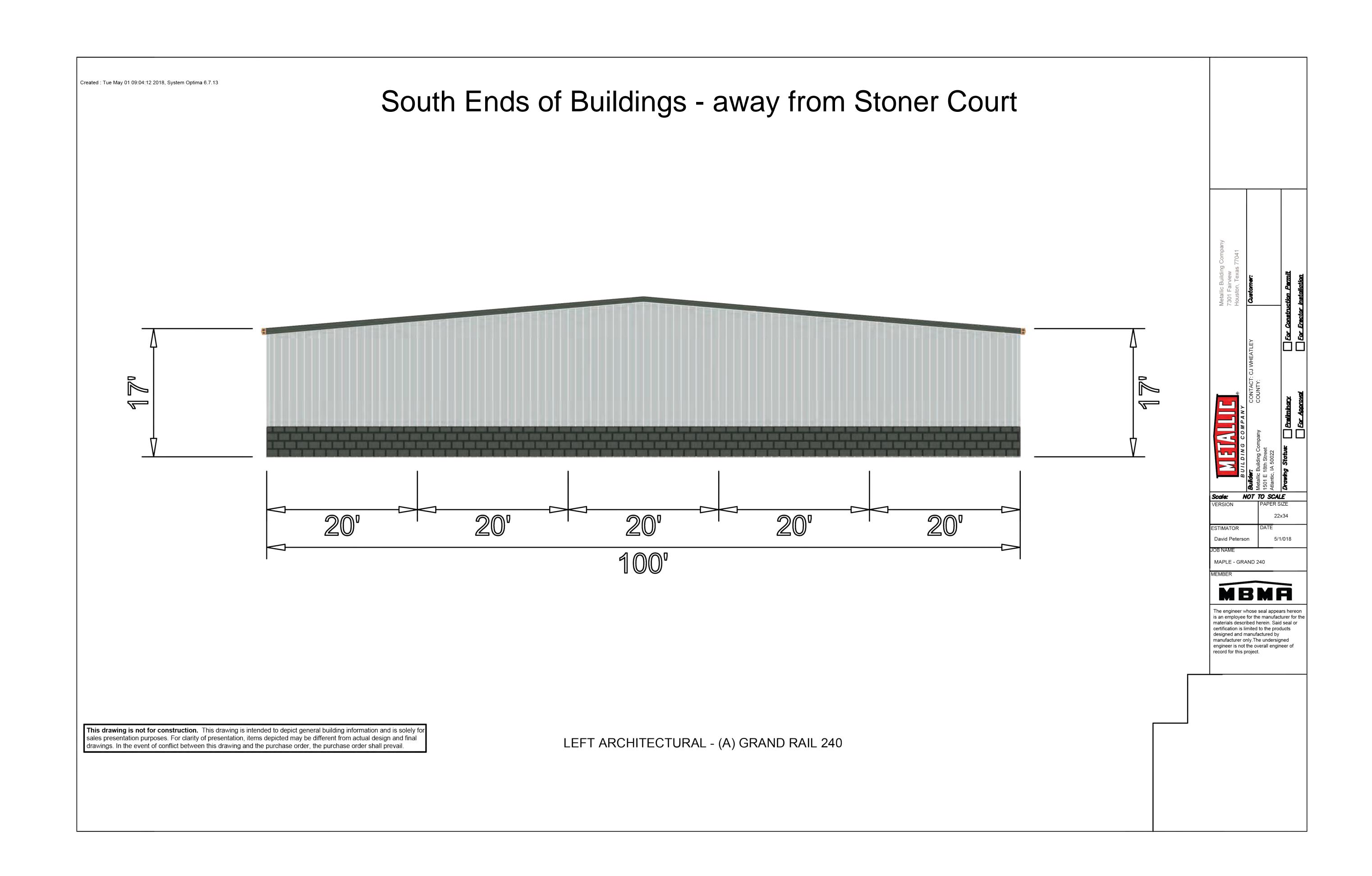


FRONT ELEVATION

Dumpster Enclosures









NOT FOR CONSTRUCTION

	ACCESSORY SCHEDULE			
V	Mark Description			
	1	3070 Pre-Assembled 3070	22	
	2	14'-0" X 14'-0" FRAMED OPENING	18	
	3	14'-0" X 13'-0" FRAMED OPENING	4	

22x34

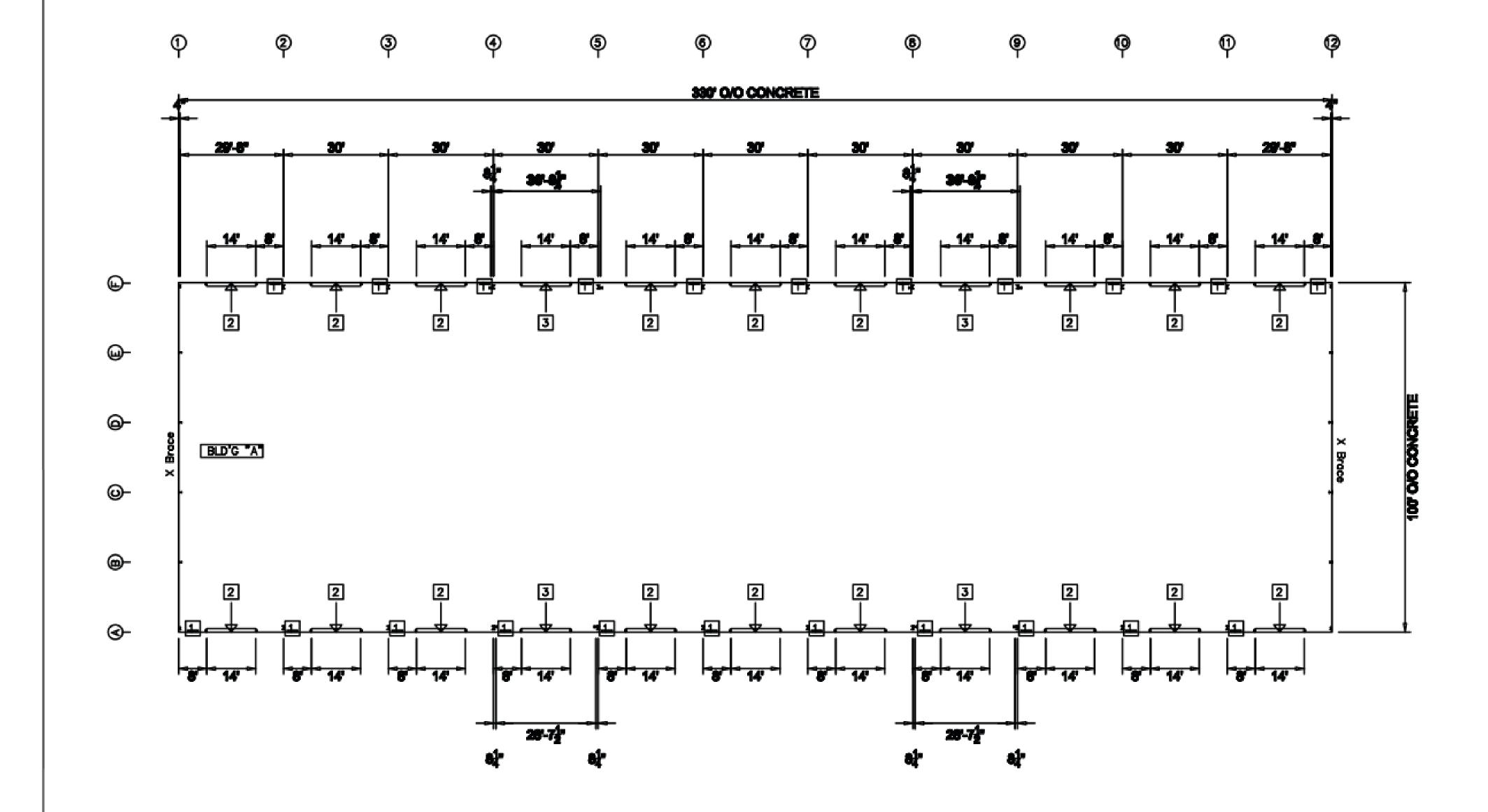
STIMATOR

David Peterson

MAPLE - GRAND 240

MBMA

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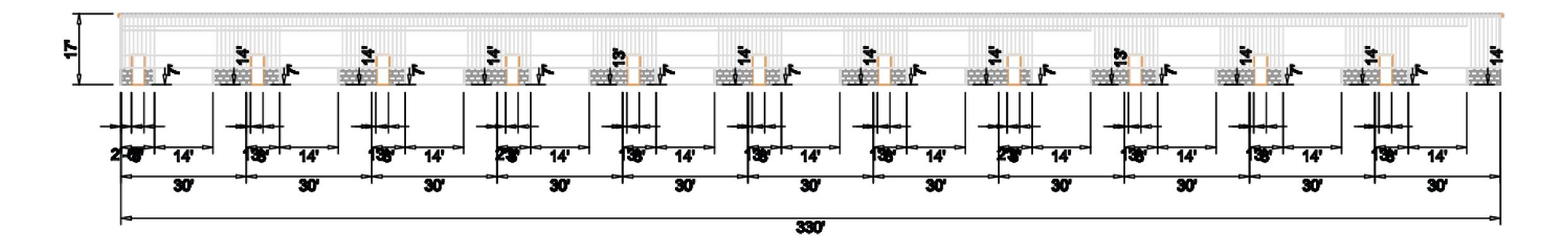


This drawing is not for construction. This drawing is intended to depict general building information and is solely for sales presentation purposes. For clarity of presentation, items depicted may be different from actual design and final drawings. In the event of conflict between this drawing and the purchase order, the purchase order shall prevail.

FLOOR PLAN - (A) GRAND RAIL 240

Created: Tue May 01 09:04:17 2018, System Optima 6.7.13

NOT FOR CONSTRUCTION



Metalic Building Company

South Louis Country:

COUNTY:

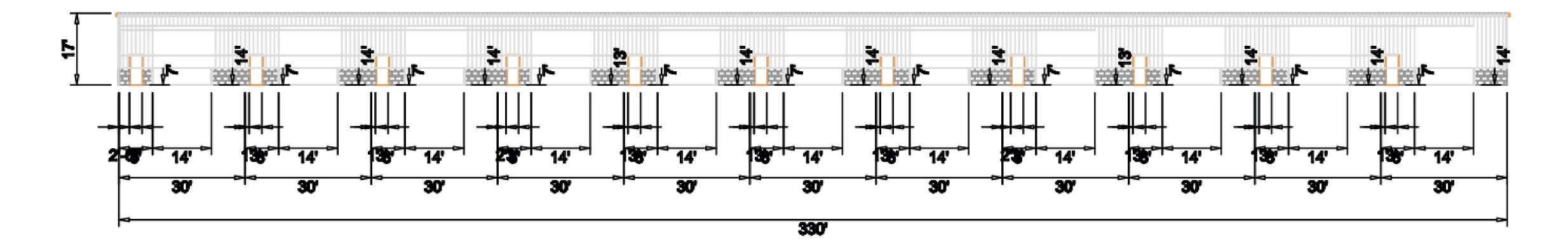
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BACK ARCHITECTURAL - (A) GRAND RAIL 240

Created : Tue May 01 09:04:17 2018, System Optima 6.7.13

NOT FOR CONSTRUCTION



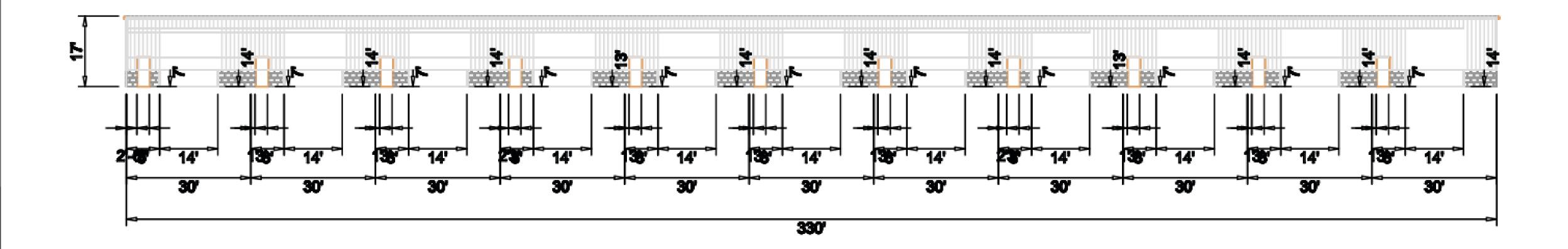
22x34 David Peterson 5/1/018 MAPLE - GRAND 240 MBMA The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

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BACK ARCHITECTURAL - (A) GRAND RAIL 240

Created : Tue May 01 09:04:17 2018, System Optima 6.7.13

NOT FOR CONSTRUCTION



22x34 MAPLE - GRAND 240 The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

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BACK ARCHITECTURAL - (A) GRAND RAIL 240



May 31, 2018

Memo

To: North Liberty Planning Commission From: Dean Wheatley, Planning Director

Subject: Request from the Watts Group to approve residential rezoning for property located at the southeast corner of Kansas Avenue and St. Andrews Drive.

(Legal: NW1/4, SW1/4 and NE1/4, SW1/4 Section 14-80-7; except Devers Subdivision)

Your North Liberty city staff has reviewed the subject submission, and offer comments presented in this memo. The staff review team includes the following personnel:

Ryan Heiar, City Administrator Tracey Mulcahey, Assistant City Administrator Tom Palmer, City Building Official Scott Peterson, City Attorney Kevin Trom, City Engineer Dean Wheatley, Planning Director

Background and Statistics

This request is to rezone property to permit the development of single-family, duplex and multifamily lots typical in many North Liberty neighborhoods. A Good Neighbor meeting was held to allow any interested party an opportunity to comment on this rezoning prior to submission, and four resident households attended. Various concerns were expressed, including storm water management, grading issues, and street extensions into adjacent property. As can be seen on the zoning map inset, zoning surrounding and in the vicinity of the site includes ID, Public (Centennial Park), RS-4, and RS-6, a good mix consistent with other areas of North Liberty and with good planning for a mix of housing type opportunities. Kansas Avenue is a minor arterial in the major street system, and St. Andrews Drive is a collector street.

The property is shown as "residential" on the Land Use Plan, and so the request is consistent with that policy. A concept plan has been developed showing how streets can be developed within the proposal area.

Existing housing unit counts within North Liberty are approximately:

Single-family: 2,738 (37.6%) Multi-family: 2,536 (34.8%) Duplex: 1,271 (17.4%)

Res/Commercial: 213 (3%) Mobile Home: 531(7.3%)

Subdivision Ordinance Provisions Affecting This Development

Proposed corner lots should be larger than others, as recommended by the City to provide somewhat larger yards. Storm water management will need to be planned for the site.

Zoning Ordinance Provisions Affecting This Development



None identified.

Staff Comments Regarding the Proposed Zoning

Storm water impacts. Storm water from this site will need to be managed in accordance with City standards as part of the preliminary plat review and infrastructure construction.

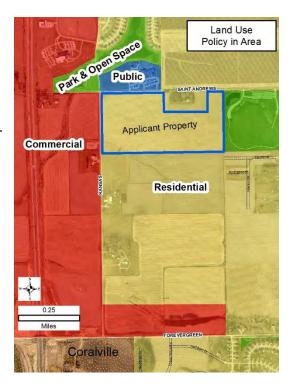
Street/Traffic impacts. Both Kansas Avenue and St. Andrews Drive are classified as major streets. Kansas Avenue is an arterial and St. Andrews Drive is a collector. Both will be adequate to accommodate new traffic resulting from this development.

Land use impacts and adjacent properties.

This proposal presents a logical transition in housing density from higher density near the major streets to lower density extending east and south. In addition, the proximity of this property to I-380 and expected non-residential development in the corridor between Kansas Avenue and the Interstate

make the multi-family request reasonable and appropriate.

Land use and zoning recommendation. In rezoning considerations, suitability and compatibility are key issues in addition to land use policy. In this case, the site is physically suitable for the development proposed, and the zoning districts proposed are compatible with expected and planned development in the area. In particular, the City has encouraged and approved higher density development adjacent to arterial streets and I-380, with a gradual transition to single-family as the distance from those streets increases; and this proposal does exactly that. Based only on the area of each zoning district, each of the zoning types proposed would contain the following maximum number of dwelling units.



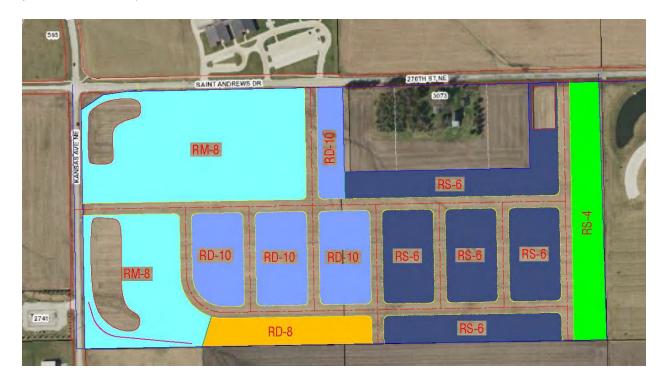
Type of Zoning	Area Including ROW	Approximate Number Units in Development	Percent of Total Units in Development	Percent Existing in North Liberty Overall
Single-family	27.16 acres	78	25%	42%
Duplex	16.82 acres	84	27%	19%
Multi-family	27.52 acres	155*	49%	39%

Percent Existing was calculated by using only the city-wide housing unit numbers for these same three uses proposed in this application.

Comparing the proposal to the existing housing unit counts in North Liberty, we see that the proportions of single-family units proposed is relatively low while the duplex and multi-family percentages are very high. Some points to consider regarding this:

- 1. The location of this development area near the I-380 corridor makes it somewhat less appealing and less marketable for single-family development than locations farther away.
- 2. Kansas Avenue is an arterial street that is planned to extend south beyond Forevergreen Road to Highway 6, and will likely carry significant amounts of traffic in the future.
- 3. Market conditions. Demand is very high for duplex and multi-family development.
- 4. Penetration east of the multi-family and duplex zoning sets a precedent for future development south of this site. While logically laid out, the non-single family extends an entire 1,320 feet east from Kansas, a full quarter-section.

Other comments. The exhibit below shows the public street layout proposed by the developer that is the basis for the rezoning request; however, approval of the rezoning is not approval of this particular street layout. The next step in the development process will be a preliminary plat application, assuming the rezoning is approved. If this street layout as shown is not approved in the plat process, adjustments will need to be made to the zoning districts to match the layout. This point needs to be made so that there is no assumption that approving the zoning will lock the City into this particular street layout.



^{*} This is an estimate of multi-family units. A specific number has not been provided by the developer and would be subject to review and approval of a specific site plan.

Overall, the housing type split proposed for this development is not representative of the city as a whole, but may be an appropriate mix for the location. Some positive points to consider are:

- 1. The plan accomplishes the Land Use Plan goal of decreasing density as distance from arterial streets increases (RM-8 > RD-10 > RS-6 > RS-4).
- 2. The plan concept proposes to locate storm water retention ponds to provide generous setbacks to buildings and create a landscaped frontage along Kansas Avenue.
- 3. The plan provides a variety of housing types and densities.

If the citywide averages were applied to the total estimated number of units in the application, the following numbers would result:

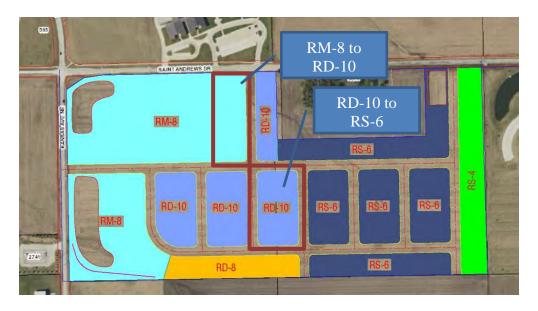
Type of Zoning	Proposed	If Distributed by Citywide Average	Relationship to Citywide Averages
Single-family	78 units	134 units	42% lower than average
Duplex	84 units	61 units	38% higher than average
Multi-family	155* units	124 units	25% higher than average

^{*} This is an estimate of multi-family units. A specific number has not been provided by the developer and would be subject to review and approval of a specific site plan.

After careful consideration of the application, the location, and the potential precedents, staff recommended an increase in the single-family lots by one block, and a decrease in multi-family zoning as shown in the exhibit below, to be instead designated for duplex lots. While this recommendation does not make a large difference in the overall numbers, it does set up a somewhat more conservative density transition while acknowledging the positive aspects of the plan. It would result in a net increase of about 12 single-family lots and a net loss of about 10 duplex units. Multi-family impacts are harder to estimate, but the decreased size would likely have a net negative impact. It would result in the following summary:

Type of Zoning	Proposed	If Modified to Staff Recommendation	Relationship to Citywide Averages
Single-family	78 units	90 units	32% lower than average
Duplex	84 units	76 units	26% higher than average
Multi-family	155* units	139 units – estimated, subject to site plan	13% higher than average

^{*} This is an estimate of multi-family units. A specific number has not been provided by the developer and would be subject to review and approval of a specific site plan.

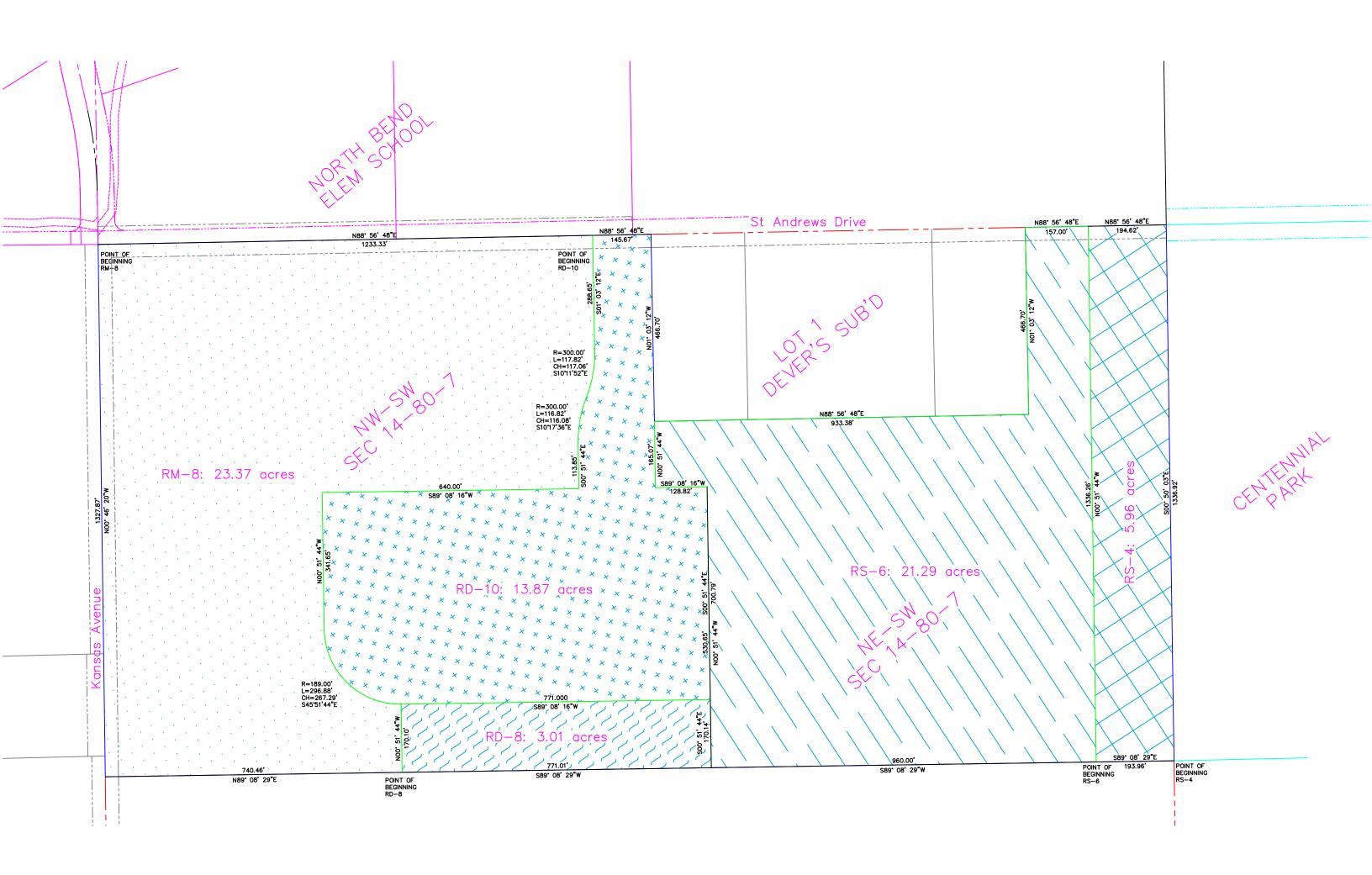


After preparation of this report and discussions, the developer has proposed a compromise shown in the following table and exhibit, and staff recommends its approval.



Type of Zoning	Original Proposal	Original Staff Recommendation	Compromise Proposal as Shown in Exhibit Above	Relationship to Citywide Averages
Single-family	78 units	90 units	84 units	37% lower
Duplex	84 units	76 units	86 units	43% higher
Multi-family	155* units	139 units – estimated, subject to site plan	139 units – estimated, subject to site plan	13% higher

^{*} This is an estimate of multi-family units. A specific number has not been provided by the developer and would be subject to review and approval of a specific site plan.





PLANNING COMMISSION

Minutes May 1, 2018 City Council Chambers 1 Quail Creek Circle

Roll Call

Chair Ronda Detlefsen called the May 1, 2018 Regular Session of the Planning Commission to order. Commission members present: Ronda Detlefsen, Adam Gebhart, Rebecca Keogh, Kylie Pentecost and Patrick Staber; absent – Jennifer Bleil and Jason Heisler.

Others present: Dean Wheatley, Ryan Heiar, Tracey Mulcahey, Kevin Trom, Evan Runkle and other interested parties.

<u>Agenda Approval</u>

Gebhart moved, Staber seconded to approve the agenda. The vote was all ayes. Agenda approved.

Scanlon Family Development Company County Plat

Staff Presentation

Wheatley presented the request from Scanlon Family Development Company to approve a preliminary and final plat for a 2-lot residential subdivision located generally east of Liberty High School, in an area of rural Johnson County not planned for annexation. Staff recommends approval with no conditions.

Applicants Presentation

Susan Forinash, Hall and Hall Engineers, was present on behalf of the applicant and offered to answer questions.

Public Comments

No comments were offered.

Ouestions and Comments

The Commission discussed the application including the process for approval.

Recommendation to the City Council

Keogh moved, Pentecost seconded to recommend approval to the City Council with no conditions. The vote was: ayes – Keogh, Gebhart, Pentecost, Detlefsen, Staber; nays -none. Motion carried.

Grand Rail Development Company, Inc. Site Plan

Staff Presentation

Wheatley presented the request from Grand Rail Development Company, Inc to approve a site plan for a commercial development on Highway 965 / Ranshaw Way, generally across from McDonalds. Staff recommends approval of the application with no conditions.

Applicants Presentation

Jake Evans, Grand Rail Development, was present on behalf of the applicant and offered additional information.

Public Comments

No comments were offered.

Questions and Comments

The Commission discussed the application including street connectivity, layout, and design.

Recommendation to the City Council

Gebhart moved, Pentecost seconded to recommend approval of the site plan application to the City Council with no conditions. The vote was: ayes – Staber, Pentecost, Detlefsen, Gebhart, Keogh; nays – none. Motion carried.

North Central Junior High School Revised Site Plan

Staff Presentation

Wheatley presented the request from the Iowa City Community School District to approve a revised site plan for North Central Junior High, located at the northeast corner of Front Street and Forevergreen Road. Staff recommends approval of the revised site plan.

Applicants Presentation

Duane Van Hemert, ICCSD, was present on behalf of the applicant, presented additional information on the design of the parking lot to help with traffic stacking in the roundabout, and offered to answer questions. The Commission discussed the proposed traffic amendments with Van Hemert and Luke Newton, MMS Consultants.

Public Comments

No public comments were offered.

Questions and Comments

The Commission discussed the application including what will be approved.

Recommendation to the City Council

Pentecost moved, Keogh seconded to recommend approval of the revised site plan application to the City Council with no conditions. The vote was: ayes - Pentecost, Gebhart, Staber, Detlefsen, Keogh; nays – none. Motion carried.

North Nest Restaurant Conditional Use

Staff Presentation

Wheatley presented the application for an outside eating conditional use at North Nest restaurant (formerly Vito's), located just east of 965/Ranshaw Way on Jordan Street. Staff recommends approval of this application with the following conditions: Permit is for this owner only (future owners would need to reapply, alcoholic beverage sales allowed, only low-wattage lighting to be added – no floodlighting, amplified music levels to be agreed to in the field by the owner and City

staff if introduced in the future, and no more seats than allowed by the Building and Fire Codes for this location.

Applicants Presentation

No one was present on behalf of the applicant.

Public Comments

No public comments were offered.

Ouestions and Comments

The Commission discussed the application including the history of the location.

Recommendation to the Board of Adjustment

Staber moved, Gebhart seconded to recommend approval to the Board of Adjustment with the following conditions: Permit is for this owner only (future owners would need to reapply, alcoholic beverage sales allowed, only low-wattage lighting to be added – no floodlighting, amplified music levels to be agreed to in the field by the owner and City staff if introduced in the future, and no more seats than allowed by the Building and Fire Codes for this location. The vote was: ayes – Pentecost, Detlefsen, Staber, Keogh, Gebhart; nays -none. Motion carried.

Rusciano's Restaurant Conditional Use

Staff Presentation

Wheatley presented the application for an outside eating conditional use at Rusciano's restaurant, located at Penn Landing at the northeast corner of Penn Street and 965/Ranshaw Way. Staff recommends approval with the standard outdoor eating area conditions.

Applicants Presentation

No one was present on behalf of the applicant.

Public Comments

No public comments were offered.

Questions and Comments

The Commission discussed the application including the quality of the application.

Recommendation to the Board of Adjustment

Keogh moved, Staber seconded to recommend approval to the Board of Adjustment with the following conditions: Permit is for this owner only (future owners would need to reapply, alcoholic beverage sales allowed, only low-wattage lighting to be added – no floodlighting, amplified music levels to be agreed to in the field by the owner and City staff if introduced in the future, and no more seats than allowed by the Building and Fire Codes for this location. The vote was: ayes – Gebhart, Keogh, Pentecost, Detlefsen, Staber; nays -none. Motion carried.

Mosley's Restaurant Conditional Use

Staff Presentation

Wheatley presented the application for an outside eating conditional use at Mosley's restaurant, located at Beaver Kreek Center at the southwest corner of Zeller Street and Dubuque Street. Staff recommends approval with the standard outdoor eating area conditions.

Applicants Presentation

No one was present on behalf of the applicant and offered to answer questions.

Public Comments

No public comments were offered.

Questions and Comments

The Commission discussed the application including the smoker and requirements.

Recommendation to the Board of Adjustment

Gebhart moved, Staber seconded to recommend approval to the Board of Adjustment with the following conditions: Permit is for this owner only (future owners would need to reapply, alcoholic beverage sales allowed, only low-wattage lighting to be added – no floodlighting, amplified music levels to be agreed to in the field by the owner and City staff if introduced in the future, and no more seats than allowed by the Building and Fire Codes for this location. The vote was: ayes – Gebhart, Detlefsen, Keogh, Pentecost, Staber; nays -none. Motion carried.

Approval of previous minutes

Gebhart moved, Staber seconded to approve the minutes of the April 3, 2018 meeting. The vote was all ayes. Minutes approved.

Old Business

No old business was presented.

New Business

Wheatley reported that they have a couple of cases for next month. He reminded all of the special meeting on 5/10.

<u>Adjournment</u>

At 7:25 p.m., Keogh moved, Staber seconded to adjourn. All ayes. Meeting adjourned.