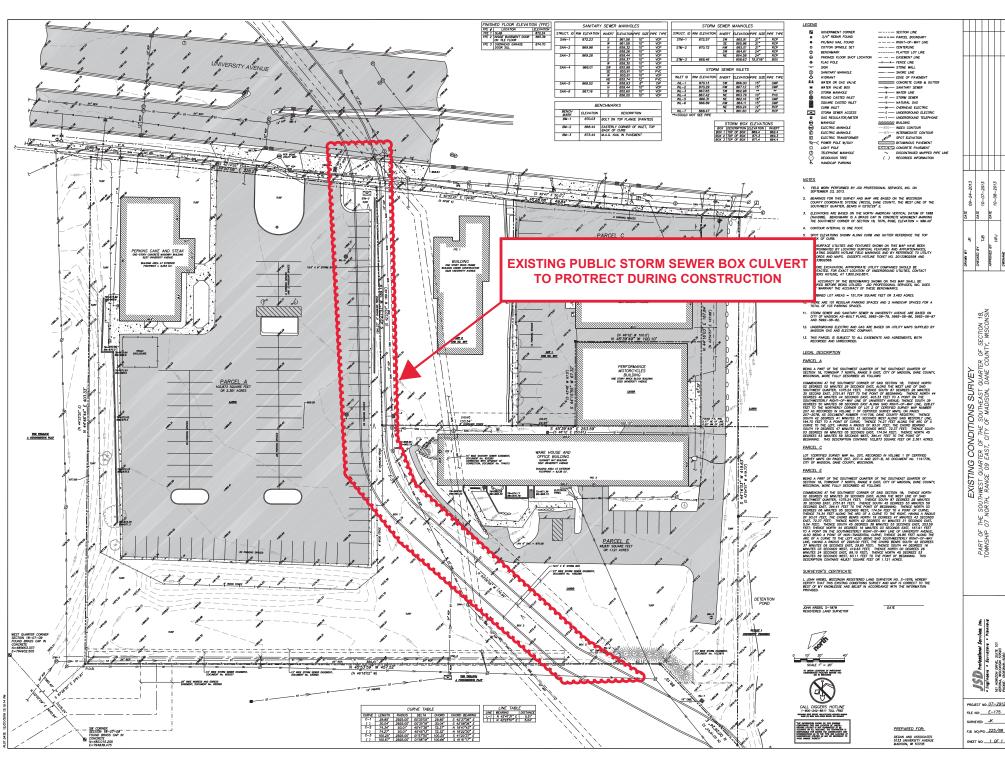
5133 University Avenue Contract 9021 MUNIS 13464

Developer: Degen & Associates, LLC



Summary of Improvements:

- Protect existing public storm sewer box culvert that crosses the property.
- Upsize existing public sanitary sewer as needed to provide adequate sewer capacity to serve the development. Sanitary Utility to reimburse the developer the equivalent cost to line the existing sanitary up to a maximum of \$25,000.00.
- Close one existing driveway entrance and reconstruct remaining driveway entrance.
- Reconstruct existing sidewalk on University Avenue adjacent to the development as needed.
- Private sanitary, storm, and water service connections to serve the development.



9 ΗP

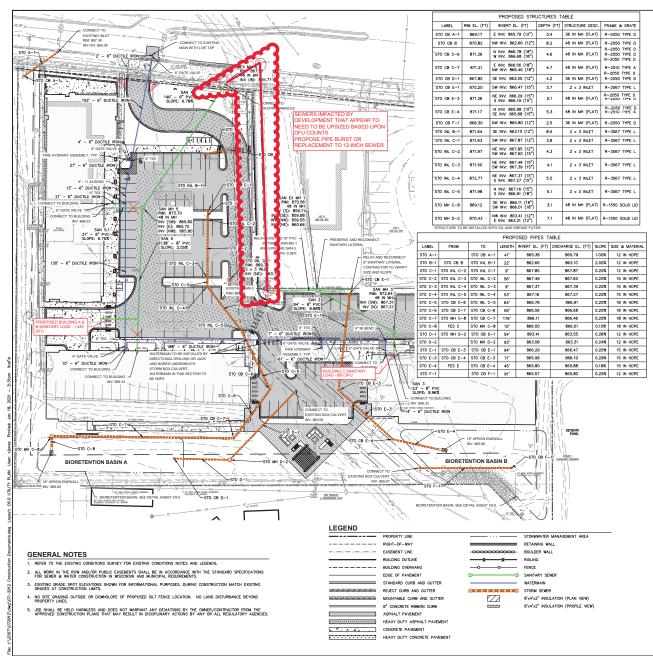
18, ISIN COUNTY, WISCON EXISTING CONDITIONS SURVEY THE SOUTHERST QUARTER OF THE SOUTHERST QUARTE OF THE SOUTHERST QUARTE OF NORTH, RANGE 09 EAST, CITY OF MADISON, DANE

PART OF TOWNSHIP

Figures Fretestens ferries in.

Engineer - Ferrepor - Nenters
isi HORZAN DINE, SUIT 101
MENN, MEDONN SUSS

PROJECT NO: 07-2912 FILE NO: E-175 F.B. NO/PG: 225/88



UTILITY NOTES

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.

- SHALL CALL TOBURES HOTHER PRIOR TO ANY CONSTRUCTION.

 PRIOR TO CONSTRUCTION, THE FIRSE CONTRACTOR IS RESPONSIBLE FOR:

 DAMINING ALL SITE CONTINUES RELATED TO THE CONDITIONS ROCALITY OF THE DIGITETING DEALWINGS. ANY

 CONSTRUCTION.

 GETTANNING ALL PRIOR TO THE STATE OF THE STATE
- ALL UTLITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEMER AND WATER CONSTRUCTION IN INSCIOUSIN AND ALL STATE AND LOCAL CODIES AND SPECIFICATIONS, IT IS THE CONTRACTIONS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
- 4. SPECIFICATIONS SHALL COMPLY WITH THE CITY OF MADISON SPECIAL PROVISIONS.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- 6. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS
 REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.
- CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PROPAGED BY OTHERS.
- 10. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EMPENSE.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWNGS CAN BE PREPARED, IF REQUIRED, ANY CHANGES TO THE DRAWNGS OR ADDITIONAL THEIRS MUST BE REPORTED TO THE ENGINEER AS WORK PROVERSES.
- 12. STORM SEWER SPECIFICATIONS -

PIPE — REMOVED CONCRETE PIPE (ROP) SHALL MEET THE REQUIREMENTS OF ASTA CLASS IN (MINIMAL) C.-75 WITH REMERE RAMSET (MONIS CONFORMED TO ASTA C-4-34. HIN ELBORITY DOWN-MALL PROXYTHINE CORRELATED SHALL BE AS MANUFACTURED BY AGS OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF ANSITIO DESIGNATION M-294 THRE "E.

INLETS — INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE. NO. 28 OF THE "STANDARD SPECIFICATIONS", OR APPROVED EDUAL WITH A 1"-8" \times 2"-6" MAXIMUM OPENING, CURB FRAME & GRATE SHALL BE NEEMAH R-3067 WITH TYPE R GRATE, OR EQUIAL.

MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1550 SOLID LID OR EQUAL.

INLET FRAMES AND COVERS - INLET FRAMES AND COVERS SHALL BE NEENAH R-3067 TYPE L LID OR EQUAL.

13. WATER MAIN SPECIFICATIONS -

VALVES AND VALVE BOXES — GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C-500 AND CHAPTER 8.27.0 OF THE "STANDARD SPECIFICATIONS". GATE VALVES AND VALVE BOXES SHALL CONFORM TO LOCAL PILINBING CORNINANCES.

HYDRANTS - HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF MADISON. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18-INCHES AND NO GREATER THAN 23-INCHES (SEE DETAIL).

BEDDING AND COVER MATERIAL - PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE "STANDARD SPECIFICATIONS".

BACKFILL - BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTER 2.6.0 OF THE "STAMDARD SPECOFICIONIS", GRAVEL BACKFILL IS REQUIRED IN ALL PANED AREAS AND TO A POINT STEET RECYGO THE EDGE OF PARMEDIAT. TRENDESS RUNNING PARALLI TO AND LESS THAN 5 FEET FROM THE EDGE OF PARAMENT SHALL ASD REQUIRE GRAVEL BACKFILL TO AND LESS MAY BE BACKFILLED WITH EXCANATED MATERIAL IN COMPORMANCE WITH SECTION 84.3.5 OF THE "STAMDARD SPECOFICIONIS".

14. SANITARY SEWER SPECIFICATIONS -

PIPE — SANITARY SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, SDR-35, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM

BEOMO AND COVER MATERIAL — BEDDING AND COVER MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE "STRAMMO SECRETATION" WITH THE FOLLOWING MODIFICATION: "COVER MATERIAL, SHALL BE THE SAME AS USED MANUAL OF THESE SEAMED LETS ON AS REQUISITED." THE MEMORY AND ADMINISTRATION OF THE APPROPRIATE STREAMS, WITH ONE LET' OF BEDDING MATERIAL EDISING AT OR RECH THE SPRINGLING OF THE PIPE. THE CONTRACTOR SHALL TAKE CASE TO COMPARTIZELY MOOK BEDDING MATERIAL MODER THE MANUAL OF THE PIPE TO PROPRIE ACCUSED.

BACKFILL - BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS." GRAVEL BACKFILL IS REQUIRED IN ALL PANCE AREAS AND TO A POINT 5 FEET RECIVED THE EDGE OF PAPEMENT. TRENCHES RUNNING PAPEMENT IN ON DIEST 1995 THE FEET RECOVER FEED COF PAPEMENT SHALL ALSO RECURRE GRAVEL BECKFILL VANCOLARD AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.4.3.5 OF THE "STANDARD SECTIONIONS."

MANHOLES - MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NOS. 12, 13 AND 15 OF THE "STANDARD SPECIFICATIONS" AND ALL SPECIAL PROVISIONS OF THE CITY OF MADISON.

MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1842 WITH TYPE "B" SELF SEALING LIDS, NON-ROCKING OR EQUAL.

15. WATERWAY MED SANTAN'S SOME SHALL BE RIGILATED WHERDER THE EIPTH OF CORE S LESS THAY 6 FEET. MEGLATION AND INSTALLATION OF SOSILATION SHALL BE COMPORATION WITH COUPLEST ALTO INSTALLATION. FOR THE STRANGARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN 6TH EDITION UPDATED WITH ITS LATEST ADDEDBOOM CITY.









CREATE THE VISION TELL THE STORY

MADISON MILWAUKEE KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE

DEGEN &

ASSOCIATES, LLC

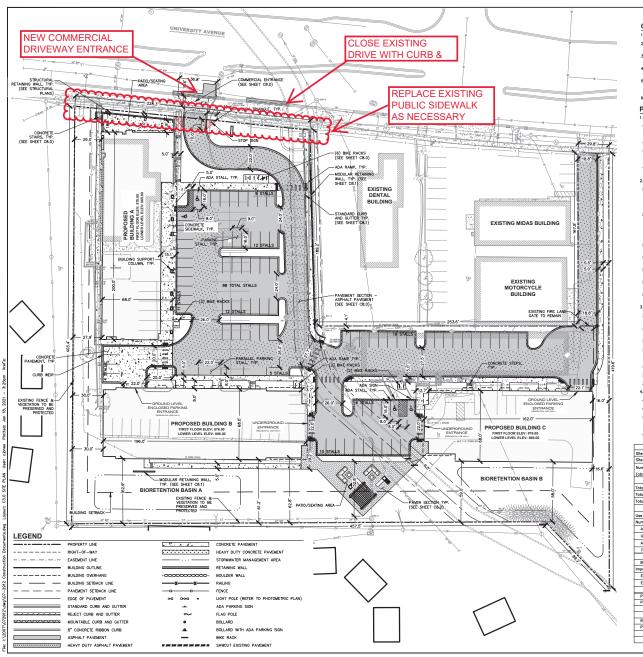
PO BOX 5567 MADISON, WI 53705-0567

5133 & 5237 LINIVERSITY AVE

MADISON, WI DANE COUNTY

01.15.2020 LAND USE UDC INITIAL 04.17.2020 10.21.2020 LAND USE RESUBMITTAL UDC FINAL 12.10.2020 01.18.2021

PUBLIC SEWER UPSIZING



GENERAL NOTES

- 1. REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE ROW AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN AND MUNICIPAL REQUIREMENTS.
- EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.
- SD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCES.
- 6. PAVEMENT DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.

PAVING NOTES

OFFICE ALL

- 1.1. ALL PAYING SHALL CONFORM TO "STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION, LATEST EDITION, APPLICABLE CITY OF MADISON ORDINANCES AND THE GEOTECHNICAL REPORT PREPARED BY COC, INC. DATE 0.4/6/2018.
- 1.2. ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
- 1.3. SURFACE PREPARATION NOTIFY CONTRACTOR OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAYING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAYING.
- 1.4. ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER SHALL MATCH EXISTING AND MEET MUNICIPALITY REQUIREMENTS.

2. ASPHALTIC CONCRETE PAVING SPECIFICATIONS

- 2.1. CODES AND STANDARDS THE PLACING, CONSTRUCTION AND COMPOSITION OF THE ASPHALTIC BASE COURSE AND ASPHALTIC CONCRETE SURFACE COURSE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 4, 405, 440 AND 450 OF THE STATE OF WOCKORSH STANDARD SPECIFICATIONS FOR HOWARD AND STRUCTURE CONSTRUCTION, LATEST EXHIBITION, HEREAFTER, THIS PUBLICATION MILL BE REFERRED TO AS STATE HUMBAY SPECIFICATIONS.
- 2.2. WEATHER LIMITATIONS APPLY TACK COATS WHEN AMBIENT TEMPERATURE IS ABOVE 50° F (10° C) AND WHAN TEMPERATURE HAS NOT BEEN BELOW 50° F (1° C) FOR 12 HOUSE, SAMEDATELY, CONSTRUCT SAPHALTIC CONNECTE SURPACE COUNSE, WHEN A MINOSPERIOR TEMPERATURE IS ABOVE 40° F (4° C) AND WHEN BASE IS DRY AND WHEN WEATHER IS NOT RAINY. BASE COURSE MAY BE PLACED WHEN AIR TEMPERATURE IS ABOVE 50° F (1° C).
- GRADE CONTROL ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING CONSTRUCTION.
- 2.4. CRUSHED AGGREGATE BASE COURSE THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305, STATE HIGHWAY SPECIFICATIONS.
- 2.5. BINDER COURSE AGGREGATE THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTIONS 460 AND 315, STATE HIGHWAY SPECIFICATIONS.
- 2.6. SURFACE COURSE AGGREGATE THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460 AND 465, STATE HIGHWAY SPECIFICATIONS.
- 2.7. ASPHALTIC MATERIALS THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTION 455 AND 460, STATE HIGHWAY SPECIFICATIONS.

3. CONCRETE PAVING SPECIFICATIONS

- CONCRETE PAYING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 415 AND 416 OF THE STATE HIGHWAY SPECIFICATIONS.
- CONCRETE PAVEMENT SHALL BE REINFORCED WITH NOVOMESH 950 (OR EQUAL) FIBER REINFORCEMENT AT A RATE OF 5 LBS/CUBIC YARD.
- REINFORCEMENT AT A RATE OF 5 LBS/CUBIC YARD.

 3.3. CURING COMPOUNDS SHALL CONFORM TO SECTION 415 OF THE STATE HIGHWAY SPECIFICATIONS.
- 3.4. CONTRACTOR SHALL PROVIDE CONTROL JOINTS AND CONSTRUCTION JOINTS OF ONE-QUARTER CONCRETE THICKNESS AT AN EQUAL RATIO OF LENGTH TO WIDTH WHEREVER POSSIBLE WITH A MAXIMUM LENGTH BETWEEN JOINTS OF 8" ON CENTER."
- 3.5. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN SIDEWALKS AT A MAXIMUM 24' ON CENTER.
- 3.6. EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED.
- 3.7. ALL CONCRETE SURFACES TO BE SEALED WITH TYPE TK-26UV CONCRETE SEALANT.

4. PAVEMENT MARKING SPECIFICATIONS

- 4.1. USE 4" WIDE, HIGH VISIBILITY YELLOW LATEX PAINT FOR STALL LINES.
- 4.2. MARK AND STRIPE ADA PARKING SPACES APPROPRIATELY.
- 4.3. ALL PAVEMENT MARKINGS INCLUDING: STOP BARS, CROSSWALKS, DIRECTIONAL ARROWS, PARKING STALL LINES, ADA STALL MARKINGS, NO PARKING ZONES, DROP-OFF/PICK-UP ZONES SHALL BE PAINTED WITH LATER PAINT PER DETAINED.
- PAINTED WITH LATEX PAINT PER DETAIL.

 4.4. 2' x 5' TRUNCATED DOME WARNING DETECTION FIELD SHALL BE PLACED AT ALL ADA RAMPS.

| SITE INFORMATION BLOCK | |
|---|---------------------|
| Site Address 5133 & 52 | 37 University Ave. |
| Site Acreage (total) | 3.482 Acres |
| Number of Building Stories- Building A, B,& C | |
| (above grade) | 3-4 |
| | |
| Total Building Square Footage-Building A | 11,729 SF |
| Total Building Square Footage-Building B | 13,036 SF |
| Total Building Square Footage-Building C | 10,648 SF |
| | |
| Use of property Mixed Use-Comm | nercial/Residential |
| Number of parking stalls: | |
| Automobile Stall | 84 |
| Underground/In-Building Automobile Stall | 121 |
| Accessible 10 (4 SURFACE | , 6 IN-BUILDING) |
| Total Automobile Stalls | 215 |
| | |
| Bicycle | 116 |
| Impervious vs. Pervious Areas: | |
| Existing Impervious | 76,993 S.F. |
| Existing Pervious | 74,684 S.F. |
| Existing Impervious/Pervious Ratio | 0.51 |
| Proposed Impervious | 94.090 S.F. |
| Proposed Pervious | 66,211 S.F. |
| Proposed Impervious/Pervious Ratio | 0.59 |
| | |
| Required Usable Open Space | 34,000 S.F. |
| Proposed Usable Open Space | 35,747 S.F. |
| Site | 30,566 S.F. |
| Balconies | 5,181 S.F. |



Toll Free (800) 242-8511

ISD

CREATE THE VISION TELL THE STORY

MADISON MILWAUKEE KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE 161 HORIZON DRIVE, SUITE 101 VERONA, WISCONSIN 53593 P. 608.848.5060

DEGEN & ASSOCIATES, LLC

PO BOX 5567 MADISON, WI 53705-0567

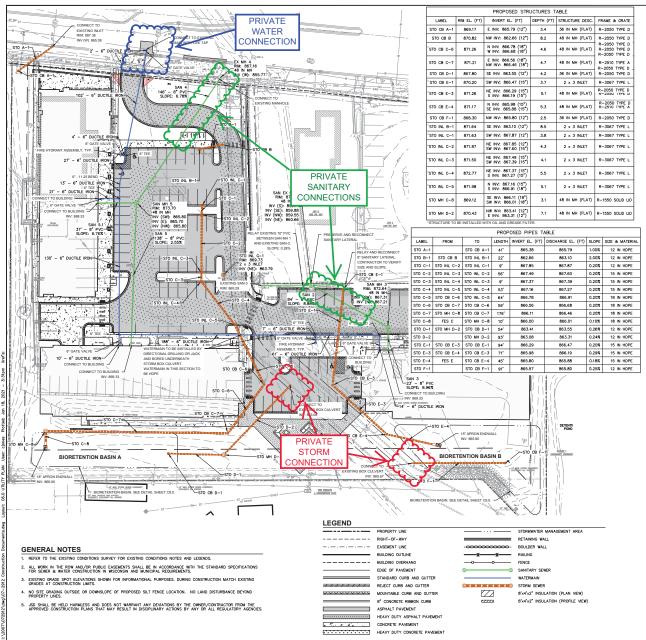
PROJECT: 5133 & 5237 LINIVERSITY AVE

MADISON, WI DANE COUNTY

| AN MODIFICATIO | INS: |
|----------------|------------------------|
| Date: | Description: |
| 01.15.2020 | LAND USE UDC INITIAL |
| 04.17.2020 | LAND USE RESUBMITTAL |
| 10.21.2020 | UDC FINAL |
| 12.10.2020 | DRAFT PERMIT SET |
| 01.18.2021 | SITE PLAN VERIFICATION |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| sign/Drawn: | CEJ, KJ |
| ocoved: | AIS II |

SHEET TITLE: SITE PLAN

C3.0



UTILITY NOTES

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.

- SHALL CALL TOBURES HOTHER PRIOR TO ANY CONSTRUCTION.

 PRIOR TO CONSTRUCTION, THE FIRSE CONTRACTOR IS RESPONSIBLE FOR:

 DAMINING ALL SITE CONTINUES RELATED TO THE CONDITIONS ROCALITY OF THE DIGITETING DEALWINGS. ANY

 CONSTRUCTION.

 GETTANNING ALL PRIOR TO THE STATE OF THE STATE
- ALL UTLITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEMER AND WATER CONSTRUCTION IN INSCIOUSIN AND ALL STATE AND LOCAL CODIES AND SPECIFICATIONS, IT IS THE CONTRACTIONS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
- 4. SPECIFICATIONS SHALL COMPLY WITH THE CITY OF MADISON SPECIAL PROVISIONS.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- 6. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS
 REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.
- CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PROPAGED BY OTHERS.
- 10. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EMPENSE.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWNGS CAN BE PREPARED, IF REQUIRED, ANY CHANGES TO THE DRAWNGS OR ADDITIONAL THEIRS MUST BE REPORTED TO THE ENGINEER AS WORK PROVERSES.
- 12. STORM SEWER SPECIFICATIONS -

PIPE — REMOVED CONCRETE PIPE (ROP) SHALL MEET THE REQUIREMENTS OF ASTA CLASS IN (MINIMAL) C.-75 WITH REMERE RAMSET (MONIS CONFORMED TO ASTA C-4-34. HIN ELBORITY DOWN-MALL PROXYTHINE CORRELATED SHALL BE AS MANUFACTURED BY AGS OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF ANSITIO DESIGNATION M-294 THRE "E.

INLETS — INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE. NO. 28 OF THE "STANDARD SPECIFICATIONS", OR APPROVED EDUAL WITH A 1"-8" \times 2"-6" MAXIMUM OPENING, CURB FRAME & GRATE SHALL BE NEEMAH R-3067 WITH TYPE R GRATE, OR EQUIAL.

MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1550 SOLID LID OR EQUAL.

INLET FRAMES AND COVERS - INLET FRAMES AND COVERS SHALL BE NEENAH R-3067 TYPE L LID OR EQUAL.

13. WATER MAIN SPECIFICATIONS -

VALVES AND VALVE BOXES — GATE VALVES SHALL BE AWMA GATE VALVES MEETING THE REQUIREMENTS OF AWMA C-500 AND CHAPTER 8,27.0 OF THE "STANDARD SPECIFICATIONS". GATE VALVES AND VALVE BOXES SHALL CONFORM TO LOCAL PLUMBING ORDINANCES.

HYDRANTS - HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF MADISON. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18-INCHES AND NO GREATER THAN 23-INCHES (SEE DETAIL).

BEDDING AND COVER MATERIAL - PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE "STANDARD SPECIFICATIONS".

BACKFILL — BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTER 2.8.0 OF THE "STANDARD SPECIFICATIONS", GRAVEL BACKFILL IS REQUIRED IN ALL PARED AREIS AND TO A POINT 5 FETE REVIND THE EDGE OF PAPELONT. TRENDED STANDARD SPARLED AND LESS THE STANDARD SHALL ASD REQUIRE GRAVEL BACKFILL LANGS-PETO AREIS MAY BE BACKFILLED WITH EXCAMATED MATERIAL IN CONFORMANCE WITH SECTION 6.4.3.5 OF THE "STANDARD SPECIFICATIONS".

14. SANITARY SEWER SPECIFICATIONS -

PIPE — SANITARY SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, SDR-35, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM

BECOMO AND COVER MATERIAL — BEDOING AND COVER MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE STRANGHO SPECIFICATION WITH THE FOLLOWING MODIFICATION TOOMER MATERIAL SHALL BE THE SHALE AS USED ON REDIDING AND SHALL CONFORM TO SECTION 63.2.0 (I), SECTION AND 2.0 (I) SECTION AND 2.0 (I) AND ARREVED AN A COVER MATERIAL SHALL BY ARREVED IN A ONE LUTT OF BEDOING MATERIAL EDISING AT OR NEAR THE SPRINGLINE OF THE PRE-THE CONTRACTOR SHALL TRACE.

BACKFILL - BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS." GRAVEL BACKFILL IS REQUIRED IN ALL PANCE AREAS AND TO A POINT 5 FEET RECIVED THE EDGE OF PAPEMENT. TRENCHES RUNNING PAPEMENT IN ON DIEST 1995 THE FEET RECOVER FEED COF PAPEMENT SHALL ALSO RECURRE GRAVEL BECKFILL VANCOLARD AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.4.3.5 OF THE "STANDARD SECTIONIONS."

MANHOLES - MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NOS. 12, 13 AND 15 OF THE "STANDARD SPECIFICATIONS" AND ALL SPECIAL PROVISIONS OF THE CITY OF MADISON.

MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1642 WITH TYPE "B" SELF SEALING LIDS, NON-ROCKING OR EQUAL.

15. WATERWAY MAY SAMEN SOME SHALL BE ROBLATED WHEREVER THE DEPTH OF COMER 5 ESS. THAN 6 FEET. MEDILATION MAY INSTALLATION OF SISSLICION SMALL BE COMPORTING WITH COMPITER 41(7) TO SISLICIONO OF THE STRANGAS SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN 6TH EDITION UPDATED WITH ITS LATEST ADDEDBOOM CITY.









CREATE THE VISION TELL THE STORY

MADISON MILWAUKEE KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE

DEGEN & ASSOCIATES, LLC

PO BOX 5567 MADISON, WI 53705-0567

5133 & 5237 LINIVERSITY AVE

MADISON, WI DANE COUNTY

01.15.2020 LAND USE UDC INITIAL 04.17.2020 10.21.2020 LAND USE RESUBMITTAL UDC FINAL 12.10.2020 01.18.2021

UTILITY PLAN

C6.0