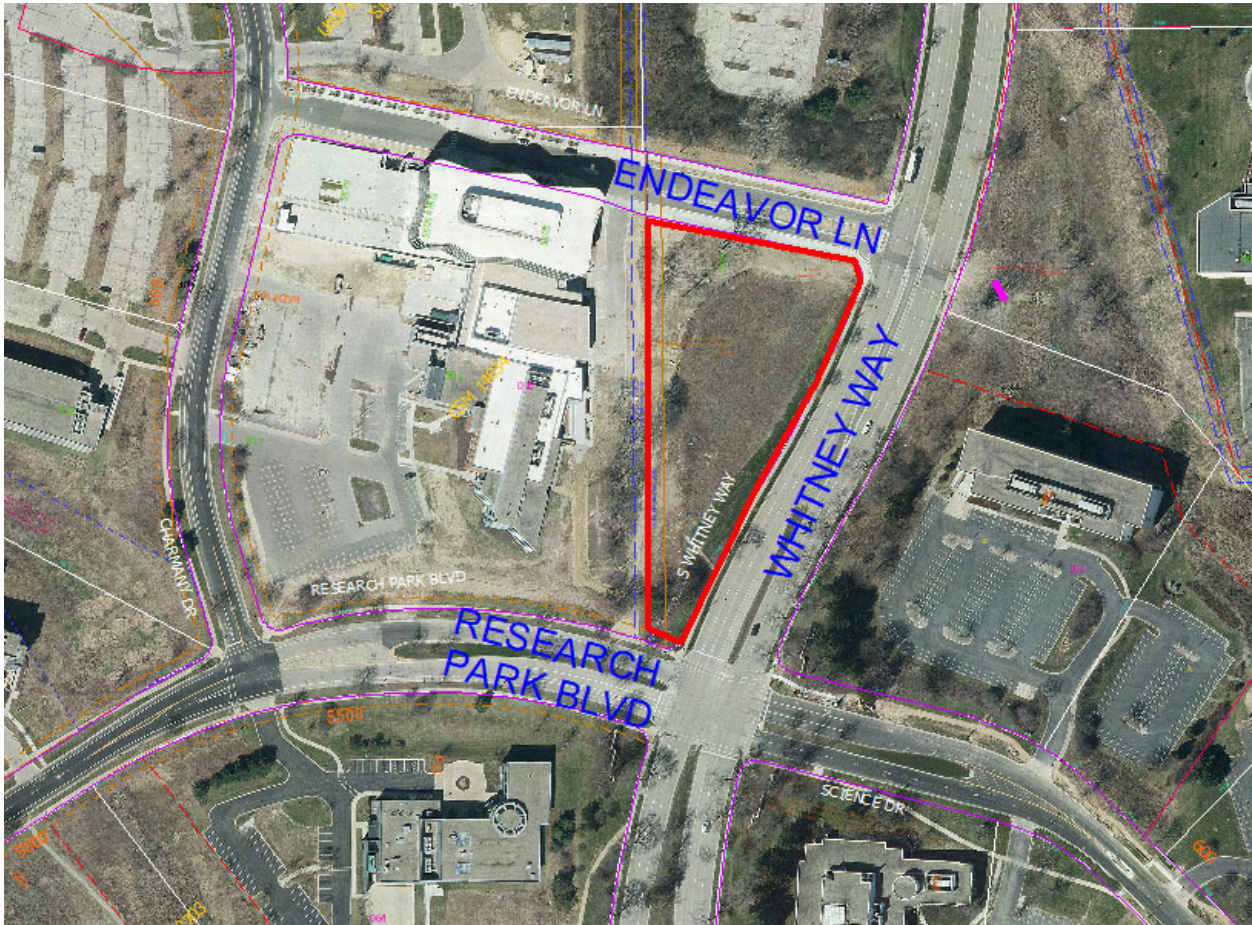
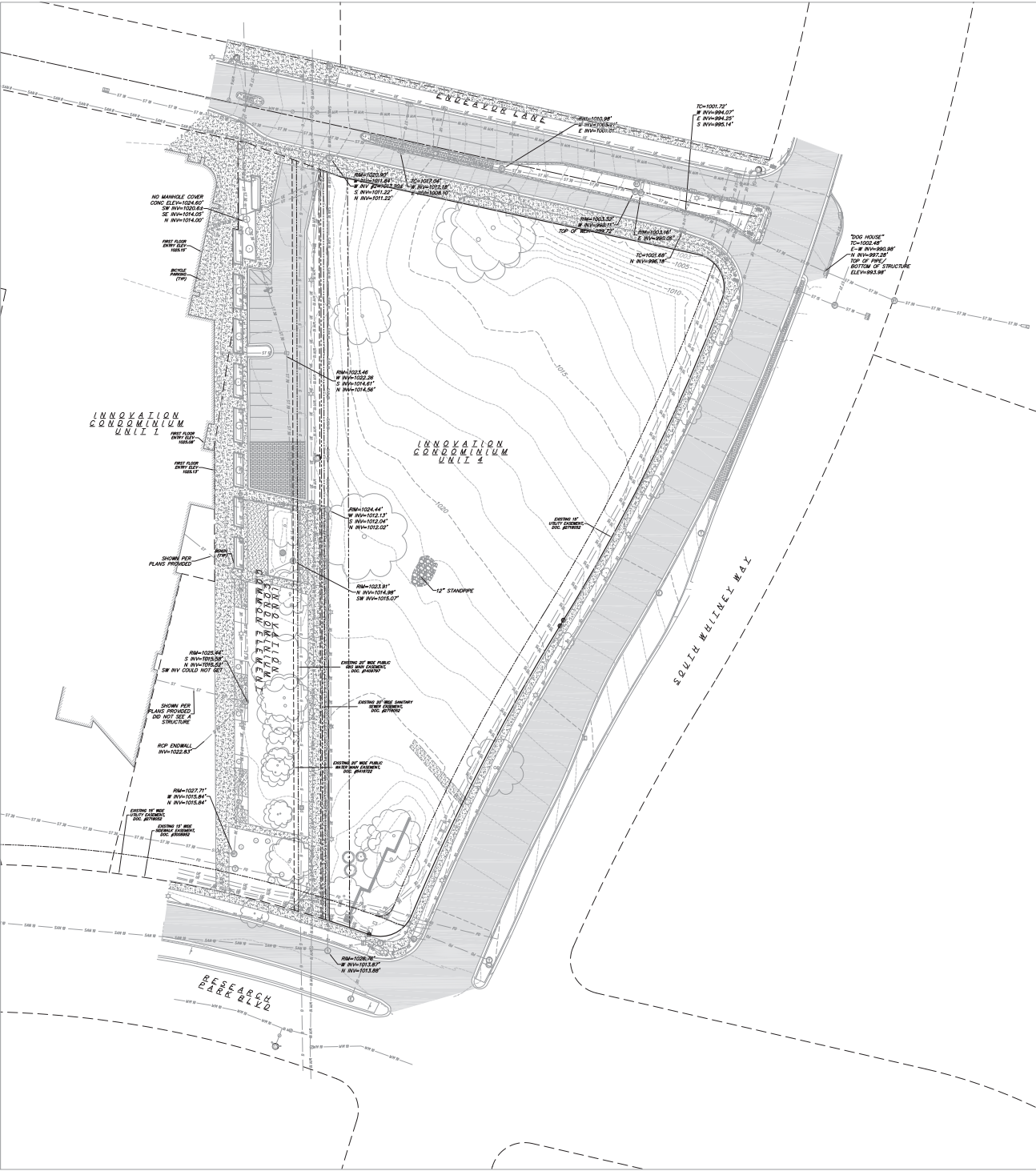


**5501 Endeavor Lane – Exact Sciences R&D Facility**  
**Contract 9083**  
**MUNIS 13828**  
**Developer: Exact Science Corporation**



**Summary of Improvements:**

- Median revisions on Endeavor Lane for proposed private drive
- Adjust existing public utilities (sanitary, storm, water) as needed to facilitate the median revisions in Endeavor Lane
- Private drive aprons on Endeavor Lane and Whitney Way
- Private sanitary, storm, and water service laterals
- Repair or replace existing sidewalk, terrace, curb & gutter as needed
- Protect existing public street terrace trees on Whitney Way
- Possible relocation of existing public sanitary & water main in easements on west side of project



- ### TOPOGRAPHIC SYMBOL LEGEND
- - - EXISTING SIGN
  - - - EXISTING CURB INLET
  - - - EXISTING ENDWALL
  - - - EXISTING FIELD INLET RECTANGULAR
  - - - EXISTING FIELD INLET
  - - - EXISTING STORM MANHOLE
  - - - EXISTING STORM MANHOLE RECTANGULAR
  - - - EXISTING SANITARY CLEANOUT
  - - - EXISTING SANITARY MANHOLE
  - - - EXISTING FIRE HYDRANT
  - - - EXISTING WATER MAIN VALVE
  - - - EXISTING ELECTRIC MANHOLE
  - - - EXISTING ELECTRIC RECTANGULAR MANHOLE
  - - - EXISTING ELECTRIC PEDESTAL
  - - - EXISTING TRANSFORMER
  - - - EXISTING ELECTRIC METER
  - - - EXISTING LIGHT POLE
  - - - EXISTING TV MANHOLE
  - - - EXISTING TELEPHONE MANHOLE
  - - - EXISTING UNIDENTIFIED UTILITY VAULT
  - - - EXISTING HANDICAP PARKING
  - - - EXISTING TRAFFIC SIGNAL
  - - - EXISTING CONIFEROUS TREE
  - - - EXISTING DECIDUOUS TREE
- ### HATCHING LEGEND
- EXISTING WARNING PAD
  - EXISTING CONCRETE PAVEMENT/SIDEWALK
  - EXISTING ASPHALT
  - EXISTING GRAVEL
  - EXISTING RIPRAP
- ### SURVEY LEGEND
- BENCHMARK
  - FOUND 3/4" x IRON ROD
  - RECORDED AS DATA
- ### TOPOGRAPHIC LINENWORK LEGEND
- EXISTING UNDERGROUND CABLE TV
  - EXISTING FIBER OPTIC LINE
  - EXISTING UNDERGROUND TELEPHONE
  - EXISTING GAS LINE
  - EXISTING UNDERGROUND ELECTRIC LINE
  - EXISTING SANITARY SEWER LINE (SIZE NOTED)
  - EXISTING STORM SEWER LINE (SIZE NOTED)
  - EXISTING WATER MAIN (SIZE NOTED)
  - EXISTING MAJOR CONTOUR
  - EXISTING MINOR CONTOUR

BEARINGS ARE BASED UPON THE BROWN COUNTY CORONER'S SURVEY LINE SHOWN. THE EAST 1/4 LINE OF RANGE FUND 402 BEARING N105°38'15"E.

DEGRADED FILE:  
POTTER LAWSON  
ATTN: JODY SHAW  
749 UNIVERSITY ROW,  
SUITE #200  
MADISON, WI 53705

DEGRADED BY:  
KORDEY & ASSOCIATES, INC.  
BY: MICHAEL S. MARTY  
209 FOURIER DRIVE,  
SUITE 200  
MADISON, WI 53717  
(608)-821-1955  
mm@kpsltd.com

- ### ADDITIONAL NOTES
- This survey is based upon field survey work performed on June 17, 21, 22, and 23. Any changes in site conditions after June 23 are not reflected by this survey.
  - No attempt has been made as a part of this survey to obtain or show data concerning condition, or capacity of any utility or municipally owned facility. For information regarding these utilities contact the appropriate agencies.
  - Surveyor has made no investigation or independent search for easements of record, encroachments, restrictive covenants, or easement like interests. Outlines and benchmark information are based upon the NAD83 Datum (2018 sheet).
  - Utility locations were field located based upon subsurface, visible, above ground structures, signs, maps provided to the surveyor, or upon markings in the ground placed by utility companies and/or their agents. No warranty is given to the utility markings by whom or that of underground utilities affecting this property, were marked and subsequently located for this survey. A locust request was sent to Digger's Hotline per Digger's Hotline Check-Call ticket numbers 2022525028, 2022525029, 2022525030 and 2022525031. Location of buried service utilities are not shown the scope of this survey. Service information from plans and markings will be correlated with observed locations if visible to surveyor. In view of the underground utilities. However, locating services, the exact location of underground utilities cannot be accurately completed, and utility markings in addition, in some situations, B11 or other utility locate requests from customers may be required or result in an inaccurate response. Where additional or more detailed information is required, the client is advised that excavation and/or a private utility locate request may be necessary.

**BENCHMARK TABLE:**

BENCHMARK #1	ELEV. 1024.34'	FLAG BOLT ON NE SIDE OF FIRE HYDRANT LOCATED ON THE NORTHWEST CORNER OF THE INTERSECTION OF SOUTH WINERY WAY & ENGELVALE LANE.
BENCHMARK #2	ELEV. 1028.56'	FLAG BOLT ON NW SIDE OF FIRE HYDRANT LOCATED ON THE NORTHEAST RIGHT-OF-WAY OF ENGELVALE LANE APPROXIMATELY 435' WEST OF SOUTH WINERY WAY.
BENCHMARK #3	ELEV. 1026.11'	FLAG BOLT ON NE SIDE OF FIRE HYDRANT LOCATED ON THE WESTERN SIDE OF THE PARKS, APPROXIMATELY 200' SOUTH OF ENGELVALE LANE.
BENCHMARK #4	ELEV. 1026.20'	FLAG BOLT ON NE SIDE OF FIRE HYDRANT LOCATED ON THE SOUTHERLY RIGHT-OF-WAY OF RESEARCH PARK BLVD, APPROXIMATELY 100' WEST OF SOUTH WINERY WAY.

Dial 811 or (800) 242-8511  
www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OTHERWISE NOT APPROPRIATE, ONLY HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE  
1-800-242-8511

Notes:

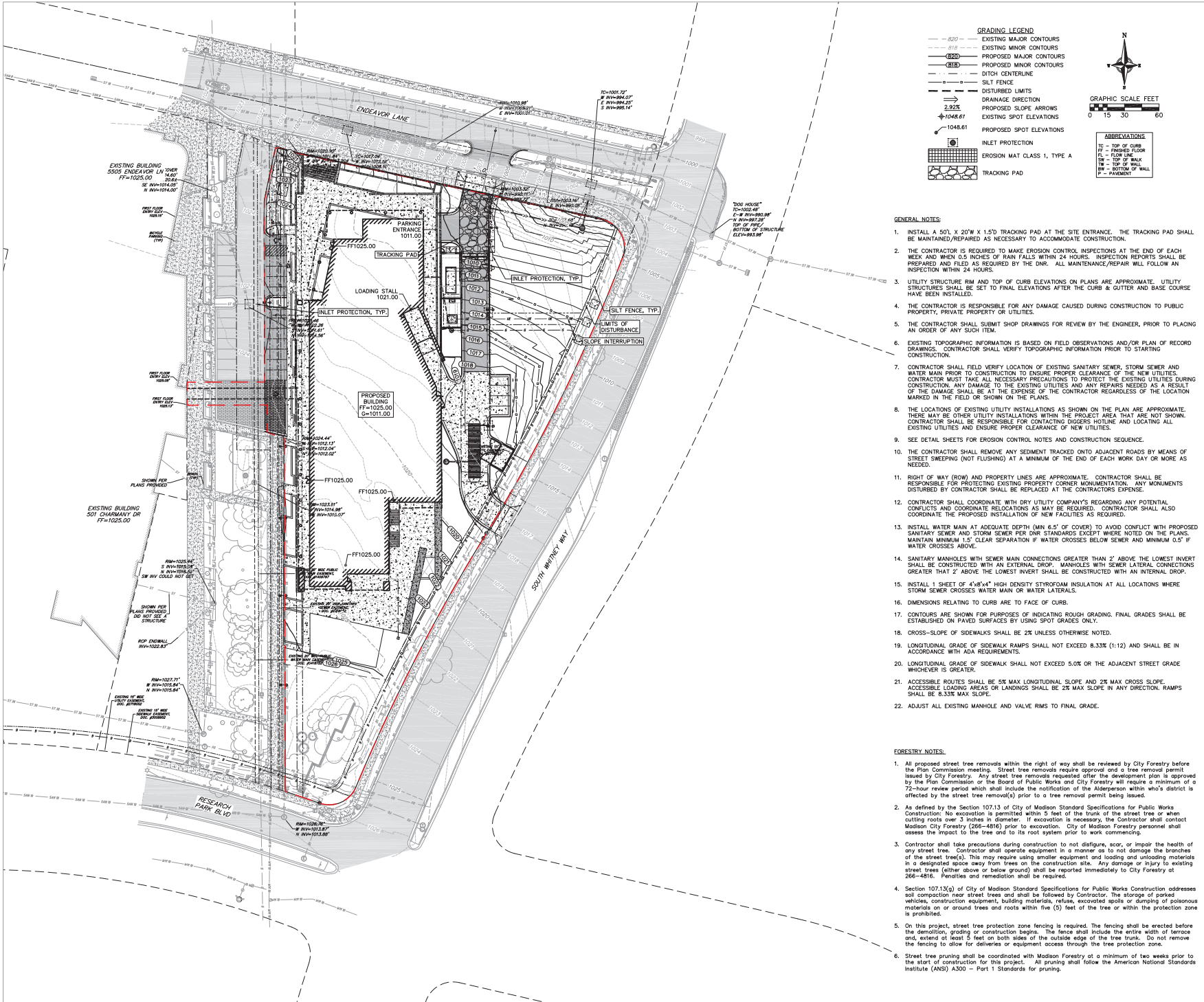
Research And Development  
Building  
Exact Sciences

2021.01.00

DATE	REVISION/DESCRIPTION

EXISTING  
CONDITIONS





**GENERAL NOTES:**

1. INSTALL A 50' L X 20' W X 1.5" D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
2. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
3. UTILITY STRUCTURE RIM AND TOP OF CURB ELEVATIONS ON PLANS ARE APPROXIMATE. UTILITY STRUCTURES SHALL BE SET TO FINAL ELEVATIONS AFTER THE CURB & GUTTER AND BASE COURSE HAVE BEEN INSTALLED.
4. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES.
5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING AN ORDER OF ANY SUCH ITEM.
6. EXISTING TOPOGRAPHIC INFORMATION IS BASED ON FIELD OBSERVATIONS AND/OR PLAN OF RECORD DRAWINGS. CONTRACTOR SHALL VERIFY TOPOGRAPHIC INFORMATION PRIOR TO STARTING CONSTRUCTION.
7. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING SANITARY SEWER, STORM SEWER AND WATER MAIN PRIOR TO CONSTRUCTION TO ENSURE PROPER CLEARANCE OF THE NEW UTILITIES. CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING UTILITIES AND ANY REPAIRS NEEDED AS A RESULT OF THE DAMAGE SHALL BE AT THE EXPENSE OF THE CONTRACTOR REGARDLESS OF THE LOCATION MARKED IN THE FIELD OR SHOWN ON THE PLANS.
8. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIGGERS HOTLINE AND LOCATING ALL EXISTING UTILITIES AND ENSURE PROPER CLEARANCE OF NEW UTILITIES.
9. SEE DETAIL SHEETS FOR EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.
10. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.
11. RIGHT OF WAY (ROW) AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
12. CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
13. INSTALL WATER MAIN AT ADEQUATE DEPTH (MIN 6.5' OF COVER) TO AVOID CONFLICT WITH PROPOSED SANITARY SEWER AND STORM SEWER PER DNR STANDARDS EXCEPT WHERE NOTED ON THE PLANS. MAINTAIN MINIMUM 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER CROSSES ABOVE.
14. SANITARY MANHOLES WITH SEWER MAIN CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN EXTERNAL DROP. MANHOLES WITH SEWER LATERAL CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN INTERNAL DROP.
15. INSTALL 1 SHEET OF 4'x8'x4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.
16. DIMENSIONS RELATING TO CURB ARE TO FACE OF CURB.
17. CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADES SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
18. CROSS-SLOPE OF SIDEWALKS SHALL BE 2% UNLESS OTHERWISE NOTED.
19. LONGITUDINAL GRADE OF SIDEWALK RAMPS SHALL NOT EXCEED 8.33% (1:12) AND SHALL BE IN ACCORDANCE WITH ADA REQUIREMENTS.
20. LONGITUDINAL GRADE OF SIDEWALK SHALL NOT EXCEED 5.0% OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER.
21. ACCESSIBLE ROUTES SHALL BE 2% MAX LONGITUDINAL SLOPE AND 2% MAX CROSS SLOPE. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL BE 2% MAX SLOPE IN ANY DIRECTION. RAMPS SHALL BE 8.33% MAX SLOPE.
22. ADJUST ALL EXISTING MANHOLE AND VALVE RIMS TO FINAL GRADE.

**FORESTRY NOTES:**

1. All proposed street tree removals within the right of way shall be reviewed by City Forestry before the Plan Commission meeting. Street tree removals require approval and a tree removal permit issued by City Forestry. Any street tree removals requested after the development plan is approved by the Plan Commission or the Board of Public Works and City Forestry will require a minimum of a 72-hour review period which shall include the notification of the Alderperson within who's district is affected by the street tree removal(s) prior to a tree removal permit being issued.
2. As defined by the Section 107.13 of City of Madison Standard Specifications for Public Works Construction: No excavation is permitted within 3 feet of the trunk of the street tree or when cutting roots over 3 inches in diameter. If excavation is necessary, the Contractor shall contact Madison City Forestry (262-44816) prior to excavation. City of Madison Forestry personnel shall assess the impact to the tree and to its root system prior to work commencing.
3. Contractor shall take precautions during construction to not damage, scar, or impair the health of any street tree. Contractor shall operate equipment in a manner as to not damage the branches of the street tree(s). This may require using smaller equipment and loading and unloading materials in a designated space away from trees on the construction site. Any damage or injury to existing street trees (either above or below ground) shall be reported immediately to City Forestry at 262-44816. Penalties and remediation shall be required.
4. Section 107.13(g) of City of Madison Standard Specifications for Public Works Construction addresses soil compaction near street trees and shall be followed by Contractor. The storage of parked vehicles, construction equipment, building materials, refuse, excavated spoils or dumping of poisonous materials on or around trees and roots within the (3) feet of the tree or within the protection zone is prohibited.
5. On this project, street tree protection zone fencing is required. The fencing shall be erected before the demolition, grading or construction begins. The fence shall include the entire width of terrace and extend at least 5 feet on both sides of the outside edge of the tree trunk. Do not remove the fencing to allow for deliveries or equipment access through the tree protection zone.
6. Street tree pruning shall be coordinated with Madison Forestry at a minimum of two weeks prior to the start of construction for this project. All pruning shall follow the American National Standards Institute (ANSI) A300 - Part 1 Standards for pruning.

Notes:

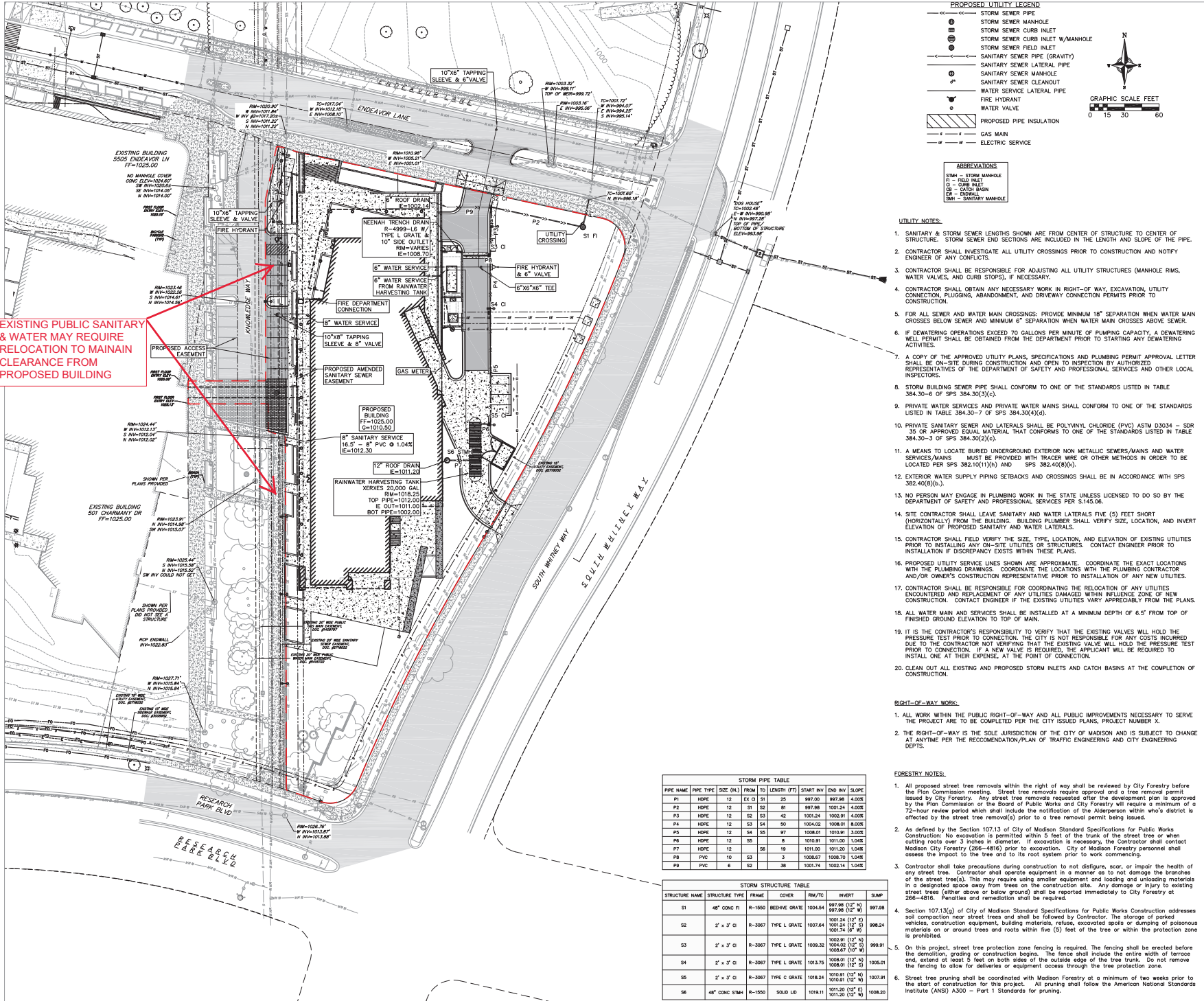
Research And Development  
Building  
Exact Sciences

2021.01.00

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OVERALL GRADING  
& EROSION  
CONTROL PLAN

C400



**PROPOSED UTILITY LEGEND**

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER CURB INLET
- STORM SEWER CURB INLET W/MANHOLE
- STORM SEWER FIELD INLET
- SANITARY SEWER PIPE (GRAVITY)
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- WATER VALVE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE



**ABBREVIATIONS**

- STM - STORM MANHOLE
- FI - FIELD INLET
- CI - CATCH BASIN
- DB - DRAIN
- SM - SANITARY MANHOLE

**UTILITY NOTES:**

1. SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
2. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
4. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
5. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
6. IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
7. A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
8. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
9. PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(b).
10. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
11. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER MEANS IN ORDER TO BE LOCATED PER SPS 382.10(1)(h) AND SPS 382.40(8)(h).
12. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(6)(b).
13. NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S14.06.
14. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
15. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
16. PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
18. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
20. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.

**RIGHT-OF-WAY WORK:**

1. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY AND ALL PUBLIC IMPROVEMENTS NECESSARY TO SERVE THE PROJECT ARE TO BE COMPLETED PER THE CITY ISSUED PLANS, PROJECT NUMBER X.
2. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

**FORESTRY NOTES:**

1. All proposed street tree removals within the right of way shall be reviewed by City Forestry before the Plan Commission meeting. Street tree removals require approval and a tree removal permit issued by City Forestry. Any street tree removals requested after the development plan is approved by the Plan Commission or the Board of Public Works and City Forestry will require a minimum of a 72-hour review period which shall include the notification of the Aldersperson within whose district is affected by the street tree removal(s) prior to a tree removal permit being issued.
2. As defined by the Section 107.13 of City of Madison Standard Specifications for Public Works Construction: No excavation is permitted within 5 feet of the trunk of the street tree or when cutting roots over 3 inches in diameter. If excavation is necessary, the contractor shall contact Madison City Forestry (266-4816) prior to excavation. City of Madison Forestry personnel shall assess the impact to the tree and to its root system prior to work commencing.
3. Contractor shall take precautions during construction to not disfigure, scar, or impair the health of any street tree. Contractor shall operate equipment in a manner so as not to damage the branches of the street tree(s). This may require using smaller equipment and loading and unloading materials in a designated space away from trees on the construction site. Any damage or injury to existing street trees (either above or below ground) shall be reported immediately to City Forestry at 266-4816. Penalties and remediation shall be required.
4. Section 107.13(g) of City of Madison Standard Specifications for Public Works Construction addresses soil compaction near street trees and shall be followed by Contractor. The storage of ported vehicles, construction equipment, building materials, refuse, excavated spoils or dumping of poisonous materials on or around trees and roots within five (5) feet of the tree or within the protection zone is prohibited.
5. On this project, street tree protection zone fencing is required. The fencing shall be erected before the demolition, grading or construction begins. The fence shall include the entire width of terrace area, extend at least 5 feet on both sides of the outside edge of the tree trunk. Do not remove the fencing to allow for deliveries or equipment access through the tree protection zone.
6. Street tree pruning shall be coordinated with Madison Forestry at a minimum of two weeks prior to the start of construction for this project. All pruning shall follow the American National Standards Institute (ANSI) A300 - Part 1 Standards for pruning.

**STORM PIPE TABLE**

PIPE NAME	PIPE TYPE	PIPE SIZE (IN)	FROM	TO	LENGTH (FT)	START INV.	END INV.	SLOPE
P1	HDPE	12	S1 CI	S1	25	997.00	997.98	4.00%
P2	HDPE	12	S1	S2	81	997.98	1001.24	4.00%
P3	HDPE	12	S2	S3	42	1001.24	1002.91	4.00%
P4	HDPE	12	S3	S4	50	1002.91	1006.01	8.00%
P5	HDPE	12	S4	S8	97	1006.01	1019.91	3.00%
P6	HDPE	12	S5	S6	8	1019.91	1019.00	1.04%
P7	HDPE	12	S6	S9	19	1019.00	1011.20	1.04%
P8	PVC	10	S3	S3	3	1008.67	1008.70	1.04%
P9	PVC	8	S2	S8	100.74	1002.14	1.04%	

**STORM STRUCTURE TABLE**

STRUCTURE NAME	STRUCTURE TYPE	FRAME	COVER	RM/TC	INVERT	SUMP
S1	48" CONC FI	R-1850	REDUCED GRATE	1004.54	997.98 (12" N)	997.98
S2	2' x 3' CI	R-3067	TYPE L GRATE	1007.64	1001.24 (12" N)	998.24
S3	2' x 3' CI	R-3067	TYPE L GRATE	1009.32	1002.91 (12" N)	999.91
S4	2' x 3' CI	R-3067	TYPE L GRATE	1013.75	1006.01 (12" N)	1005.01
S5	2' x 3' CI	R-3067	TYPE C GRATE	1016.24	1009.91 (12" N)	1007.91
S6	48" CONC STM	R-1850	SOLID UD	1019.11	1011.20 (12" N)	1008.20

Notes:

Research And Development Building  
Exact Sciences

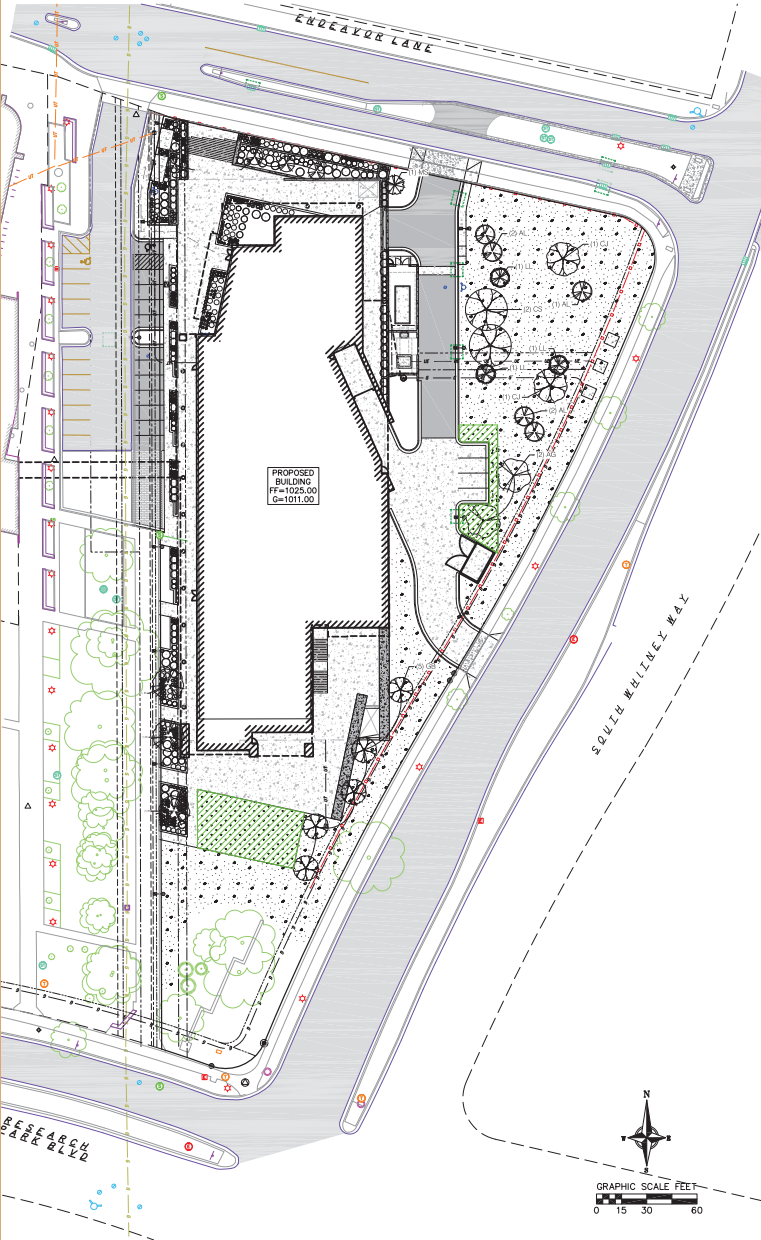
2021.01.00

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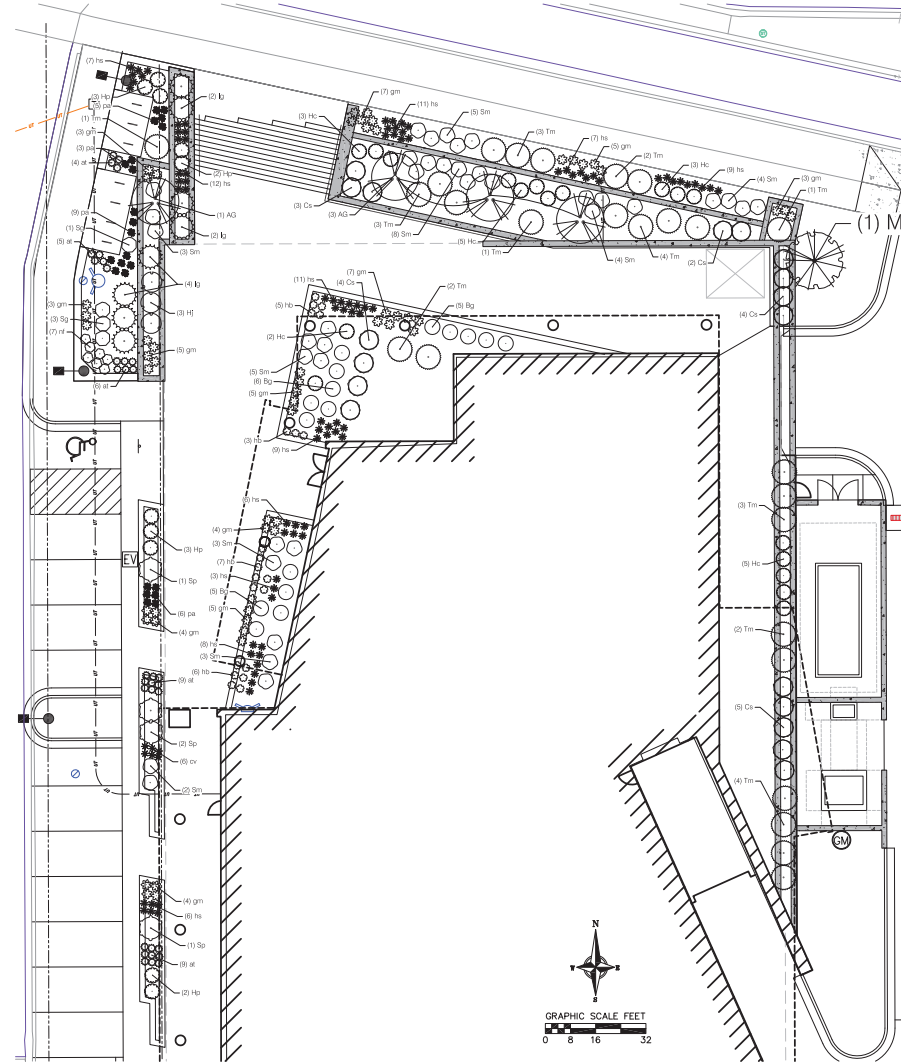
**OVERALL UTILITY PLAN**

C500

OVERALL LANDSCAPE PLAN



LANDSCAPE DETAIL NORTH



Notes:

Research And Development Building  
Exact Sciences

2021.01.00

001	Project File Path
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049	Project File Path
050	Project File Name

NOT FOR CONSTRUCTION

LANDSCAPE PLAN - OVERALL

L100