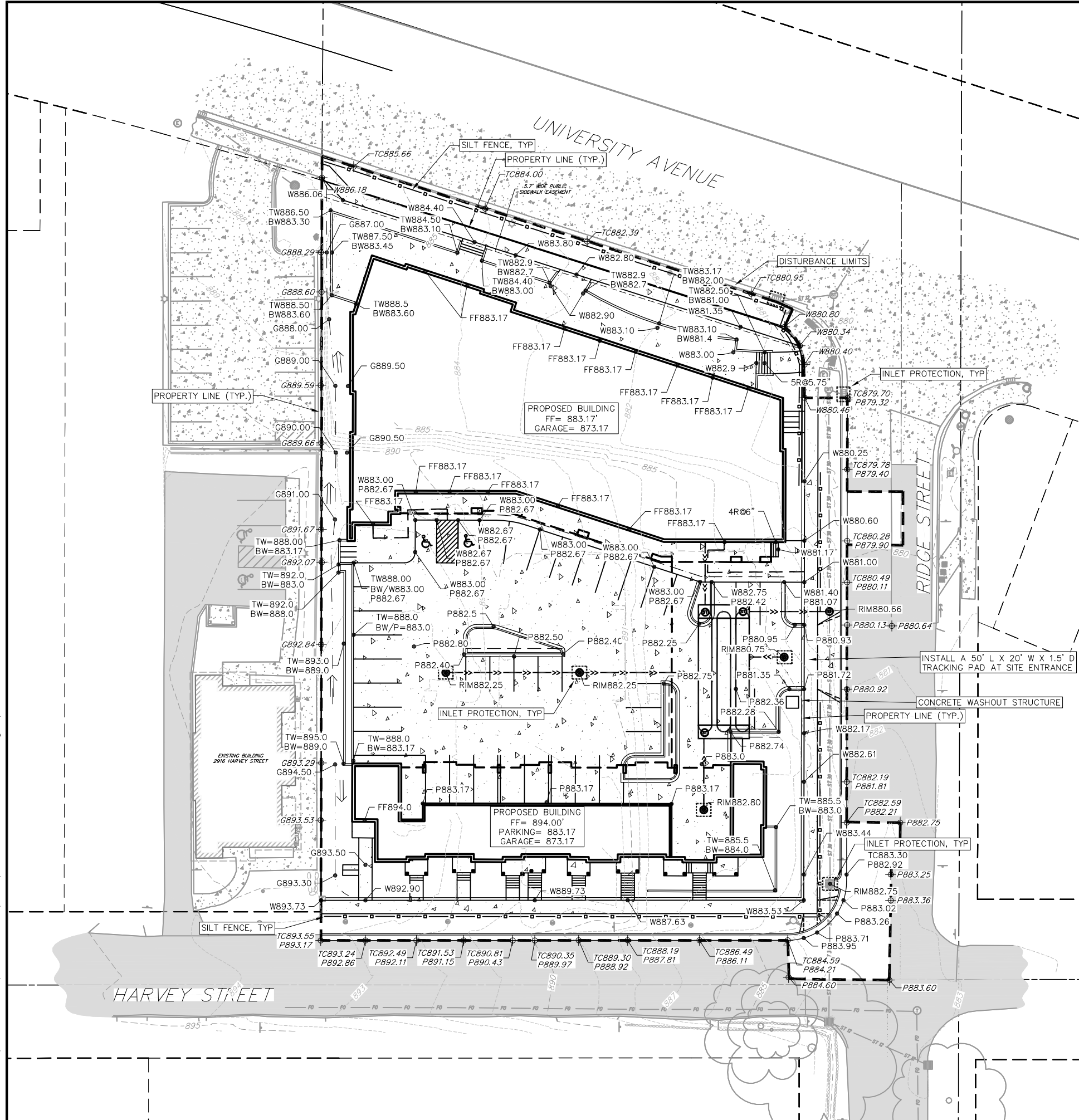
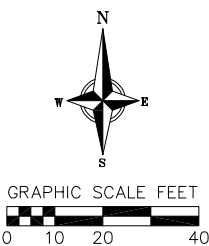


Disclaimer: The City makes no representation about the accuracy of these records and shall not be liable for any damages



GRADING AND EROSION CONTROL LEGEND

- - - 820 - - - EXISTING MAJOR CONTOURS
- - - 818 - - - EXISTING MINOR CONTOURS
- - - - - DITCH CENTERLINE
- - - - - SILT FENCE/SILT SOCK
- - - - - DISTURBED LIMITS
- => DRAINAGE DIRECTION
- 2.92% PROPOSED SLOPE ARROWS
- +1048.61 EXISTING SPOT ELEVATIONS
- +1048.61 PROPOSED SPOT ELEVATIONS
- [Symbol] INLET PROTECTION
- [Symbol] TRACKING PAD



ABBREVIATIONS

TC	- TOP OF CURB
P	- PAVEMENT
W	- TOP OF WALK
R	- RISER
FF	- FINISHED FLOOR
G	- GROUND
TW	- TOP OF WALL
BW	- BOTTOM OF WALL
RIM	- RIM

GRADING PLAN/SITE CONSTRUCTION NOTES:

- CONCRETE SIDEWALK TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
- ASPHALT PAVEMENT FOR DRIVEWAYS AND PARKING LOTS SHALL BE AS INDICATED IN DETAIL ON SHEET 6.
- CURB FACE HEIGHT IN PARKING AREAS SHALL BE 4 INCHES.
- CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY CONNECTION, RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
- ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
- ADA REQUIREMENTS SPECIFY PARKING STALLS SLOPE MUST BE LESS THAN 2% IN ANY DIRECTION. ADA WALKWAYS MUST NOT EXCEED 5% SLOPE IN LONGITUDINAL DIRECTION WITHOUT A RAILING AND 8.3% WITH A RAILING. THE CROSS SECTION SLOPE OF AN ADA WALKWAY MUST NOT EXCEED 1.5% SLOPE.
- TYPICAL SIDEWALK CROSS SECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS PLAN UNLESS OTHERWISE NOTED.

EROSION CONTROL NOTES:

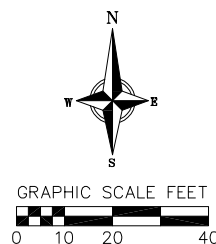
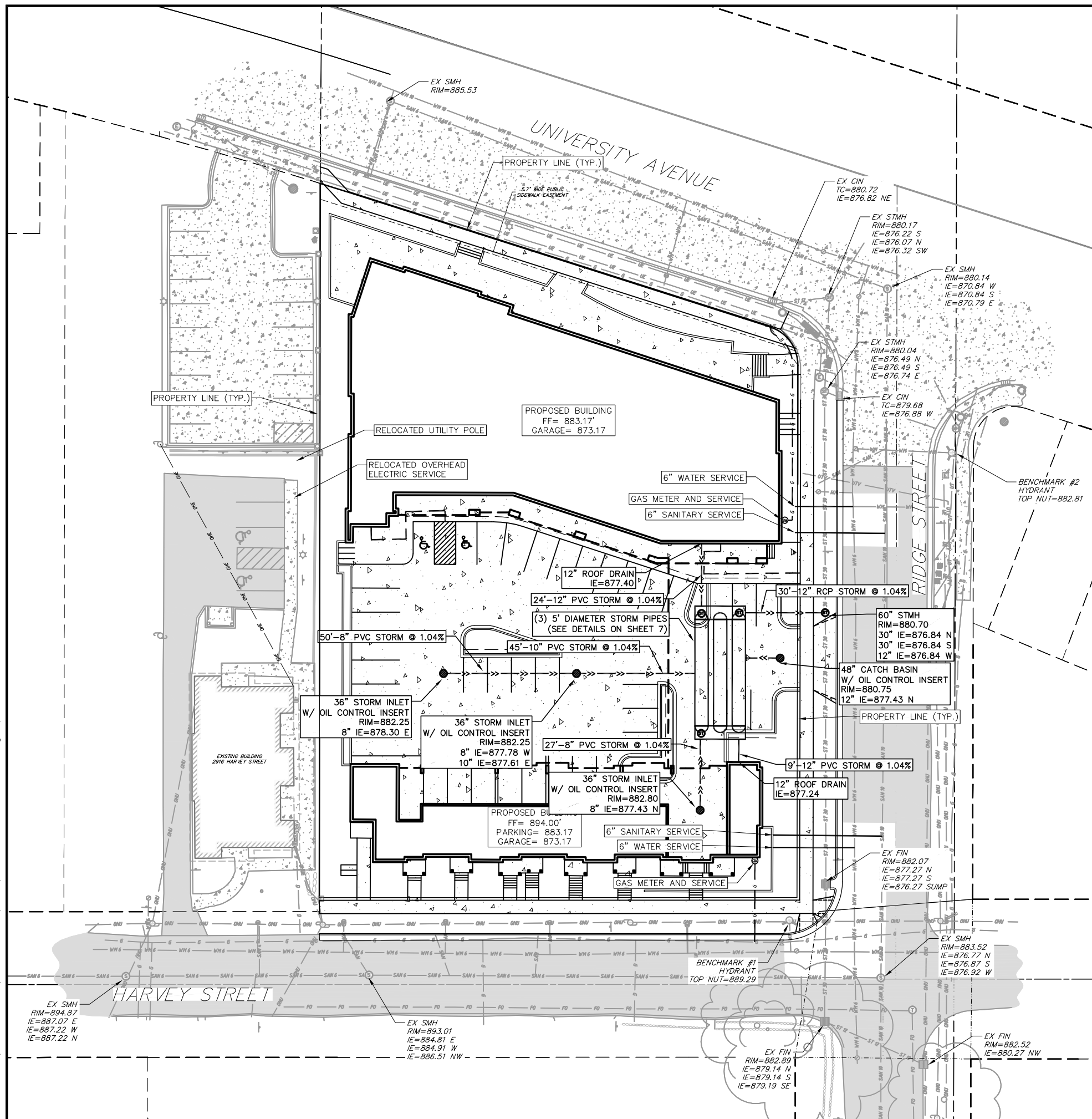
- CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
- INSTALL A 50' L X 20' W X 1.5' D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
- THE CONTRACTOR IS REQUIRED TO MAKE EROSION 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.
- INSTALL WISDOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WISDOT TYPE A IN FIELD INLETS.
- ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING.
- 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.
- SILT FENCE SHALL BE PLACED AROUND PROPOSED INFILTRATION BASIN TO MINIMIZE SILTATION AND SOIL COMPACTION WITHIN THE BASIN AREAS DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL NOT COMPACT THE NATIVE SOILS WITHIN THE INFILTRATION BASIN AREA.
- SEE SHEET 6 (C-6.0) FOR ADDITIONAL EROSION CONTROL NOTES.

RIGHT-OF-WAY WORK:











- 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.
- 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.

NOT FOR CONSTRUCTION




REVISIONS		REVISIONS		REVISIONS	
NO.	DATE	REMARKS	NO.	DATE	REMARKS
SCALE		AS SHOWN			
DATE		02/22/2018			
DRAFTER		AMEA			
CHECKED		JZAM			
PROJECT NO.		160404			
SHEET		3 OF 7			
DWG. NO.		C-3.0			



TOPOGRAPHIC UTILITY LEGEND

-  EXISTING SANITARY SEWER LINE
 EXISTING STORM SEWER LINE
 EXISTING WATER MAIN
 EXISTING CURB INLET
 EXISTING FIELD INLET
 EXISTING STORM MANHOLE
 EXISTING SANITARY MANHOLE
 EXISTING FIRE HYDRANT
 EXISTING WATER MAIN VALVE
 EXISTING CURB STOP

PROPOSED UTILITY LEGEND

-  STORM SEWER PIPE
 STORM SEWER MANHOLE
 STORM SEWER FIELD INLET
 SANITARY SEWER LATERAL PIPE
 WATER SERVICE LATERAL PIPE
 GAS MAIN

ABBREVIATIONS

- STMH - STORM MANHOLE
FIN - FIELD INLET
CIN - CURB INLET
CB - CATCH BASIN
SMH - SANITARY MANHOLE

UTILITY NOTES:

1. PRIVATE WATER MAIN AND SERVICES SHALL BE DUCTILE IRON (AWWA C-151, CLASS 52) OR APPROVED EQUAL MATERIAL THAT CONFORMS TO COMM 84.30(4)(d).
2. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 – SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO COMM 84.30(2)(c).
3. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER COMM 82.10(11)(h) AND COMM 82.40(8)(k).
4. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH COMM 82.40(8)(b).
5. NO PERSON MAY ENGAGE IN WORK AT PLUMBING IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF COMMERCE PER S.145.06.
6. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE AND EXACT LOCATION OF PROPOSED SANITARY AND WATER LATERALS.
7. 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.
8. PROPOSED UTILITY SERVICE LINES AS 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.
9. 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.
10. 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.
11. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
12. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF-WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
13. THE DEVELOPER SHALL INSTALL THE 3M™ ELECTRONIC MARKER SYSTEM (EMS) 4" EXTENDED RANGE 5' BALL MARKERS—WASTEWATER (MODEL #1404–XR) FOR EACH SANITARY AND STORM SEWER LATERALS. THE CITY SHALL SUPPLY ALL THE REQUIRED MARKERS TO THE DEVELOPER OR ITS CONTRACTOR (GENERALLY REQUIRES 2 PER LATERAL) AND THE CONTRACTOR SHALL INSTALL THEM PER THE MANUFACTURER'S REQUIREMENTS OR AS DIRECTED BY THE CITY ENGINEER.
14. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.
15. ALL DAMAGE TO PAVEMENT ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY'S PAVEMENT PATCHING CRITERIA.
16. CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTY, WHICH IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER THAT THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.

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SCALE AS SHOWN		REVISIONS		REVISIONS	
DATE 02/22/2018		NO.	DATE	NO.	DATE
DRAFTER AMEA					
CHECKED JZAM					
PROJECT NO. 160404					
SHEET 5 OF 7					
DWG. NO. C-4.0					