

1-12-2017 3:04 PM  
PLOT SCALE:

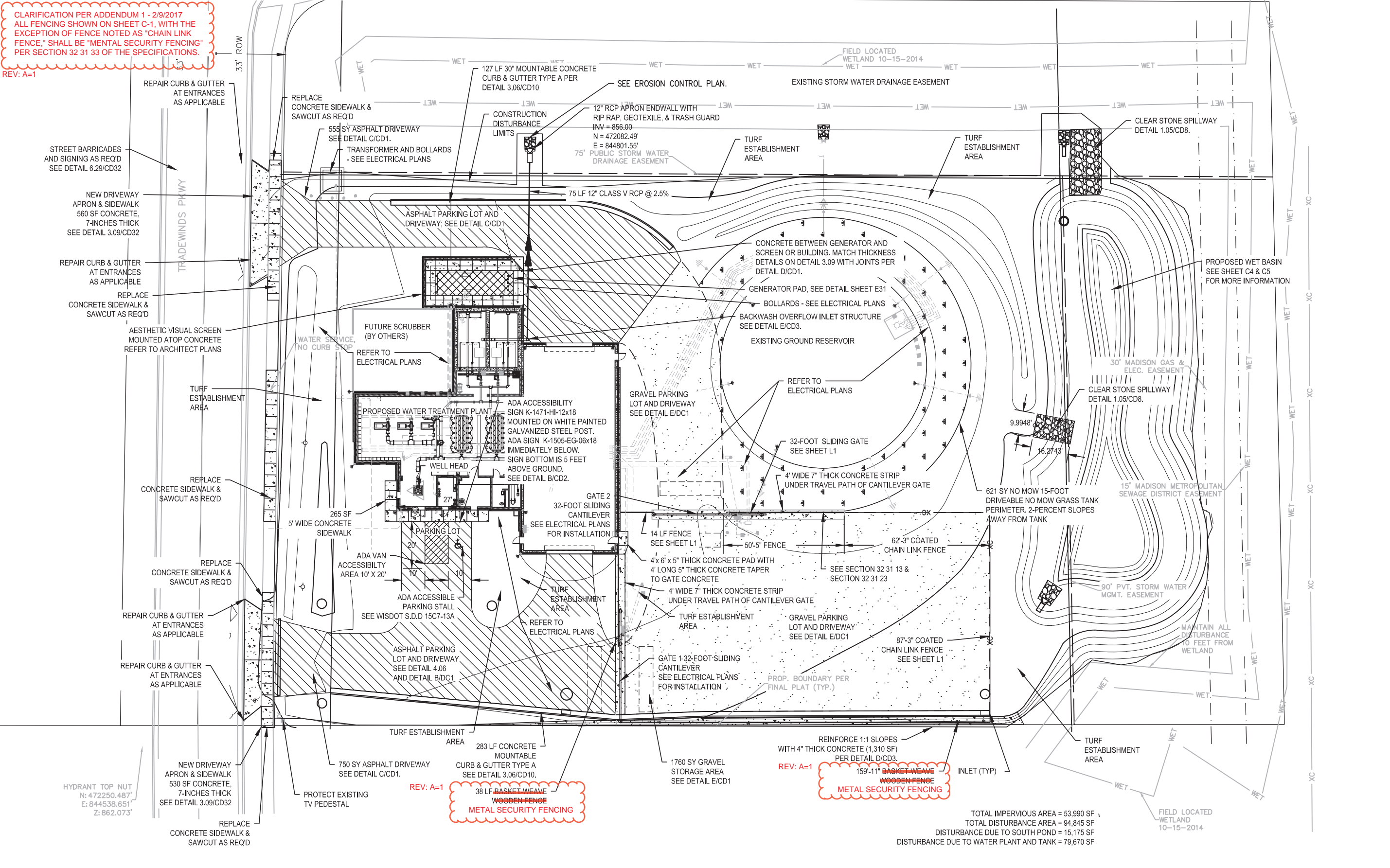
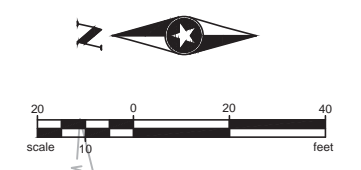
C:\PROJECTS\KOWI\MADWU120835-FINAL\35-FINAL\35-GN15-CONS-FWGS-CAD\10-CIVIL\WU120835\_SITELAN.DWG  
1-12-2017 2:59 PM  
USER: JOSH BOHNER

- NOTES:**
1. THE APPLICANT SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER WHICH ABUTS THE PROPERTY WHICH IS DAMAGED BY THE CONSTRUCTION OR ANY SIDEWALK AND CURB AND GUTTER WHICH 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. (POLICY)
  2. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR. (MGO 16.23(9)(C)5) AND MGO 23.01)
  3. ALL DAMAGE TO THE PAVEMENT ON TRADEWINDS PARKWAY AND JADON DRIVE, ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA. FOR ADDITIONAL INFORMATION PLEASE SEE THE FOLLOWING LINK: <http://www.cityofmadison.com/engineering/patchingCriteria.cfm> (Policy)
  4. QUANTITIES ARE FOR REFERENCE ONLY, NOT FOR BIDDING QUANTITIES.
  5. REFER TO CURRENT YEAR OF PART 8 FOR DETAILS: <https://www.cityofmadison.com/business/pw/specs.cfm>. MOST RECENT VERSIONS AS OF THIS DESIGN ARE INCLUDED IN THIS PLAN SET.

- NOTES (CONTINUED):**
6. ALL ASPHALT PAVEMENT SHALL CONFORM TO DETAIL C/CD1.
  7. ALL SIDEWALKS SHALL CONFORM TO DETAIL D/CD1.
  8. ALL GRAVEL SURFACE AREAS SHALL CONFORM TO DETAIL E/CD1.
  9. ALL CURB & GUTTER INSTALLATIONS SHALL CONFORM TO DETAIL 3.06/CD10.
  10. ALL APRON ENDWALLS SHALL CONFORM TO DETAIL 5.4.1/CD15.
  11. RIP RAP SHALL CONFORM TO DETAIL 5.4.4/CD17.
  12. GUARDS SHALL BE CONSTRUCTED AT ALL PROPOSED APRON ENDWALLS ACCORDING TO DETAIL 5.6.1/CD23.
  13. EXPANSION JOINTS SHALL BE CONSTRUCTED BETWEEN ALL BUILDING CONCRETE AND EXTERIOR CONCRETE AND ASPHALT PAVEMENT INTERFACES.

**CLARIFICATION PER ADDENDUM 1 - 2/9/2017**  
**ALL FENCING SHOWN ON SHEET C-1, WITH THE EXCEPTION OF FENCE NOTED AS "CHAIN LINK FENCE," SHALL BE "METAL SECURITY FENCING" PER SECTION 32 31 33 OF THE SPECIFICATIONS.**

REV: A=1



HYDRANT TOP NUT  
 N: 472250.487'  
 E: 844538.651'  
 Z: 862.073'

REV: A=1  
**38 LF BASKET WEAVE WOODEN FENCE METAL SECURITY FENCING**

REV: A=1  
**159-11\"/>**

TOTAL IMPERVIOUS AREA = 53,990 SF  
 TOTAL DISTURBANCE AREA = 94,845 SF  
 DISTURBANCE DUE TO SOUTH POND = 15,175 SF  
 DISTURBANCE DUE TO WATER PLANT AND TANK = 79,670 SF



UNIT WELL 31 WATER TREATMENT PLANT  
 MADISON WATER UTILITY  
 MADISON, WISCONSIN

MARK: REV A=1  
 DATE: 2/9/17  
 ADDENDUM 1  
 REV. FENCES

129083  
 63W10434  
 PROJECT NO.  
 DECEMBER 19, 2016  
 ISSUE DATE  
 JUB/SJM  
 JUB/SJM  
 DESIGNED BY  
 DRAWN BY  
 Sheel Elbert Hendrickson, Inc. © (BEH)

SHEET TITLE  
 UNIT WELL 31  
 SITE PLAN

SHEET  
**C1**

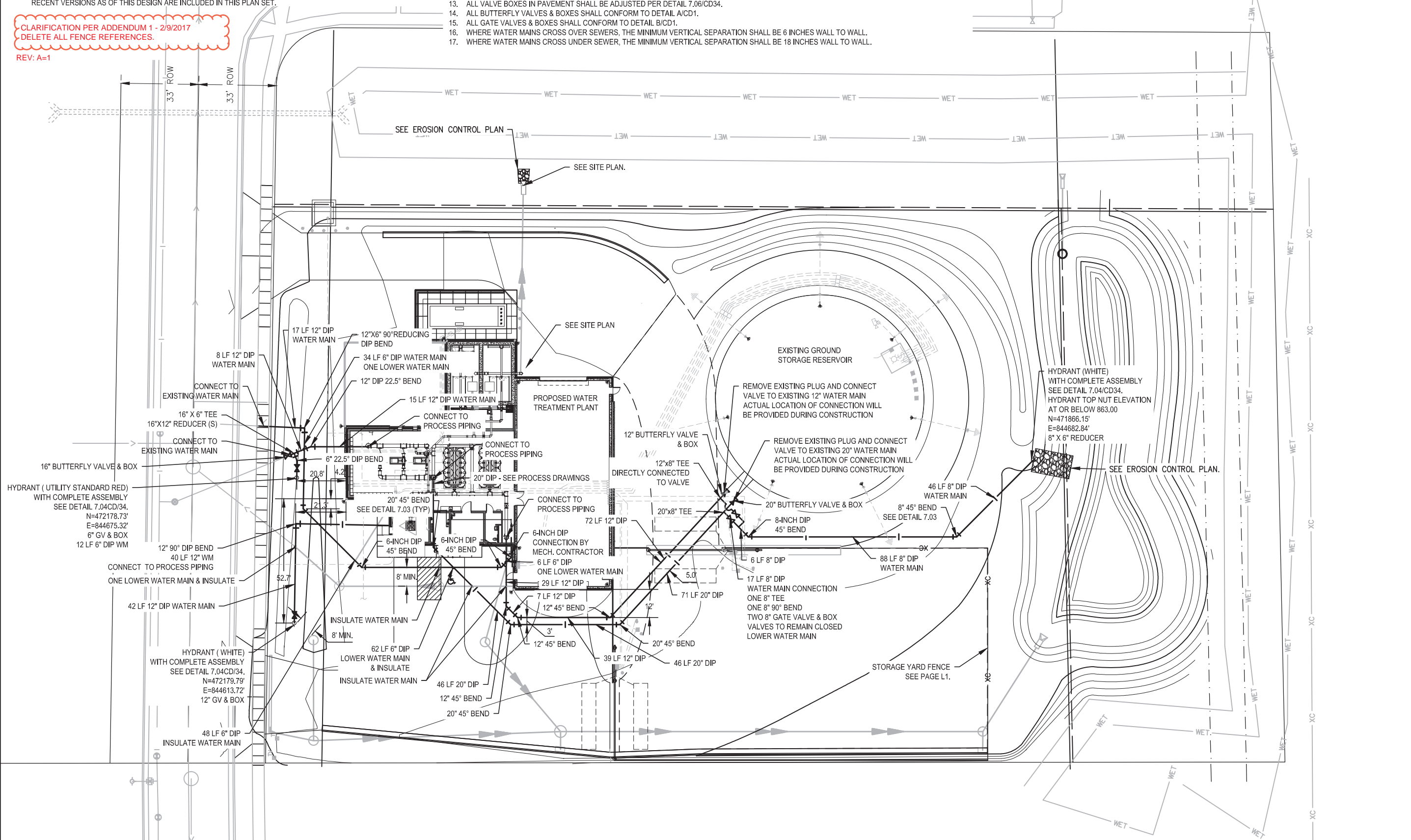
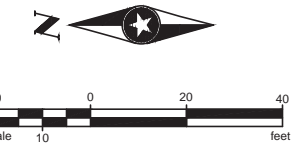
- NOTES & REQUIREMENTS:
1. ALL COORDINATES SHOWN ARE TO CENTER OF WATER STRUCTURE/FEATURE.
  2. ALL WATER MAINS AND APPURTENANCES SHALL CONFORM TO SECTION 33 11 00 AND AWWA STANDARDS. ALL WATER MAIN PIPING IS RESTRAINED JOINTS. ALL PIPING SHALL HAVE THRUST BLOCKING PER DETAIL 7.03.
  3. ALL WATER MAIN PIPE INSTALLATION SHALL CONFORM TO DETAIL 5.2.1 & 5.2.2.
  4. ALL CONCRETE PIPE INSTALLATION SHALL CONFORM TO DETAIL 5.4.6.
  5. QUANTITIES ARE FOR REFERENCE ONLY, NOT FOR BIDDING QUANTITIES.
  6. REFER TO CURRENT YEAR OF PART 8 FOR DETAILS: <https://www.cityofmadison.com/business/pw/specs.cfm>. MOST RECENT VERSIONS AS OF THIS DESIGN ARE INCLUDED IN THIS PLAN SET.

CLARIFICATION PER ADDENDUM 1 - 2/9/2017  
DELETE ALL FENCE REFERENCES.

REV: A=1

NOTES & REQUIREMENTS (CONTINUED):

7. ALL TRENCHES SHALL BE COMPACTED PER DETAIL 5.2.2/CD13.
8. ALL WATER MAIN FITTINGS SHALL HAVE THRUST BLOCKS PER DETAIL 7.13/CD35 AND DETAIL 7.14/CD35.
9. ALL JOINTS AT WATER MAIN FITTINGS & VALVES SHALL BE RESTRAINED PER DETAIL 7.17/CD36.
10. ALL WATER MAINS AND WATER SERVICES SHALL BE CONSTRUCTED WITH A MINIMUM COVER OF 6.0 FEET BELOW FINISHED GRADE. WHERE WATER MAINS CROSS SEWERS, WATER MAIN SHALL BE LOWERED AND INSULATED PER DETAIL FCD1 AND DETAIL 7.16/CD36.
11. ENCASE ALL WATER MAINS PER DETAIL 7.02/CD33.
12. ALL WATER MAIN SHALL HAVE PIPE BEDDING PER DETAIL 7.01/CD33.
13. ALL VALVE BOXES IN PAVEMENT SHALL BE ADJUSTED PER DETAIL 7.06/CD34.
14. ALL BUTTERFLY VALVES & BOXES SHALL CONFORM TO DETAIL A/CD1.
15. ALL GATE VALVES & BOXES SHALL CONFORM TO DETAIL B/CD1.
16. WHERE WATER MAINS CROSS OVER SEWERS, THE MINIMUM VERTICAL SEPARATION SHALL BE 6 INCHES WALL TO WALL.
17. WHERE WATER MAINS CROSS UNDER SEWER, THE MINIMUM VERTICAL SEPARATION SHALL BE 18 INCHES WALL TO WALL.



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SEH

**Madison**  
 Water Utility

UNIT WELL 31 WATER  
 TREATMENT PLAN  
 MADISON WATER UTILITY  
 MADISON, WISCONSIN

**MARK: REV A=1**  
**DATE: 2/9/17**  
**ADDENDUM 1**  
**REV. FENCES**

MARK	DATE	DESCRIPTION	REVISIONS

SEH FILE NO. 129083  
 PROJECT NO. E3W10434  
 ISSUE DATE DECEMBER 19, 2016  
 DESIGNED BY JUB/SJM  
 DRAWN BY JUB/SJM  
 Small Elliot Hendrickson, Inc. © (SEH)

SHEET TITLE  
 UNIT WELL 31  
 WATER UTILITY PLAN

SHEET

C2