UTILITY NOTES:

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. 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 DIGGERS HOTLINE (800) 242-8511

THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

ALL STORM SEWER CONSTRUCTION SHALL COMPLY WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR SEWER & WATER IN THE STATE OF WISCONSIN", ALONG WITH THE CITY OF LA CROSSE STANDARD SPECIFICATIONS, AS APPROPRIATE.

SUITABLE ON-SITE GRANULAR MATERIAL SHALL BE USED FOR TRENCH BACKFILL TO PROPOSED ELEVATIONS. BACKFILL SHALL BE COMPACTED AS SPECIFIED.

ALL EXISTING INVERTS & LOCATIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. ALL DISCREPANCIES FROM INFORMATION SHOWN ON THE PLANS SHALL BE REPORTED TO THE ENGINEER IMEDIATELY.
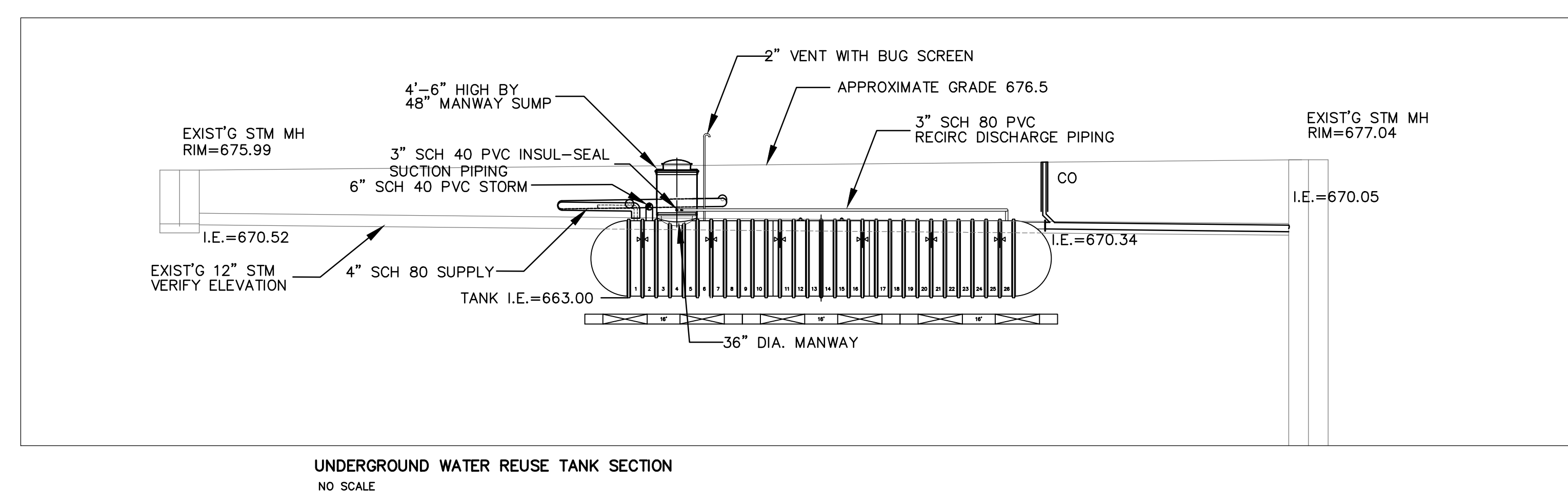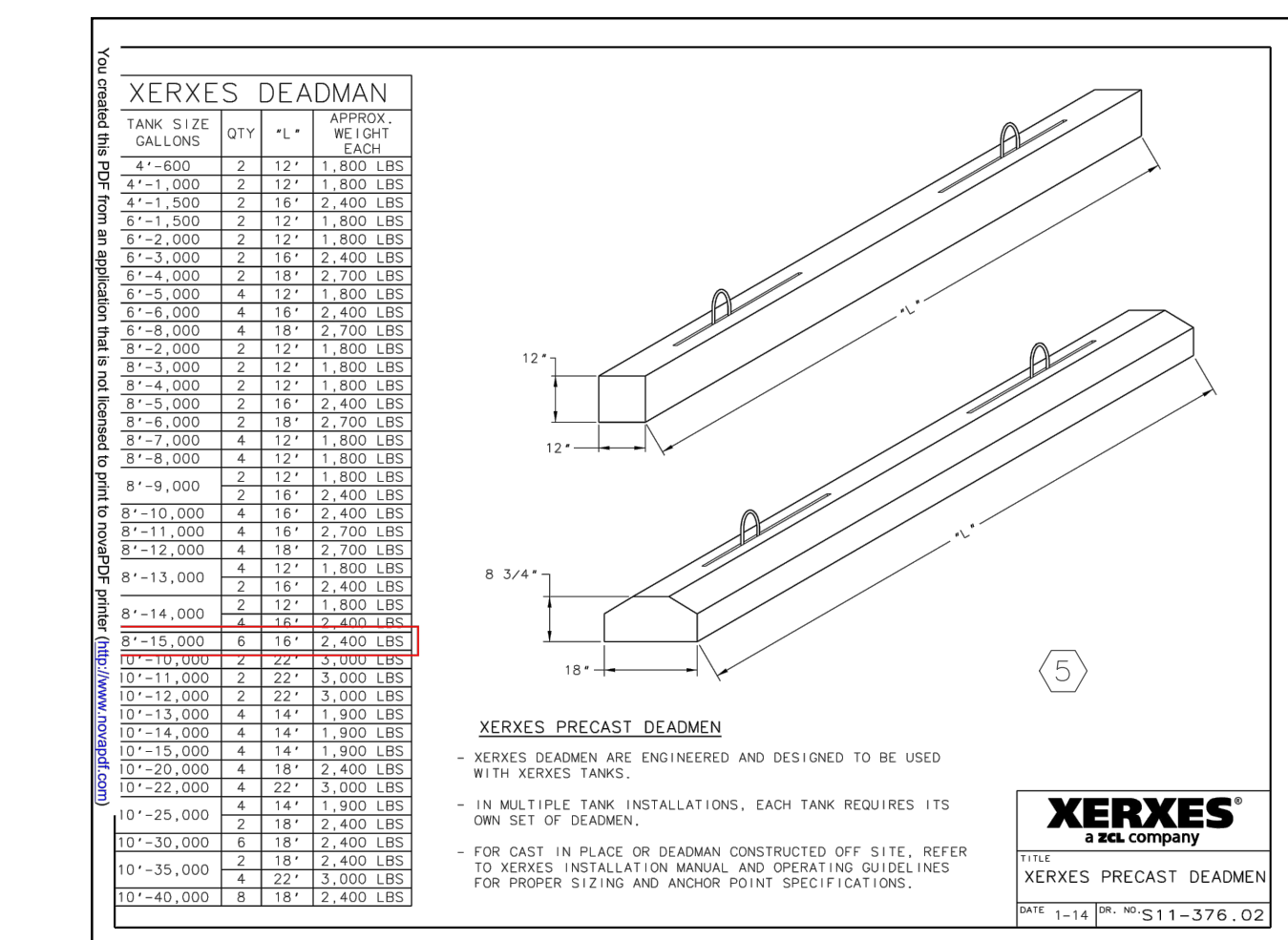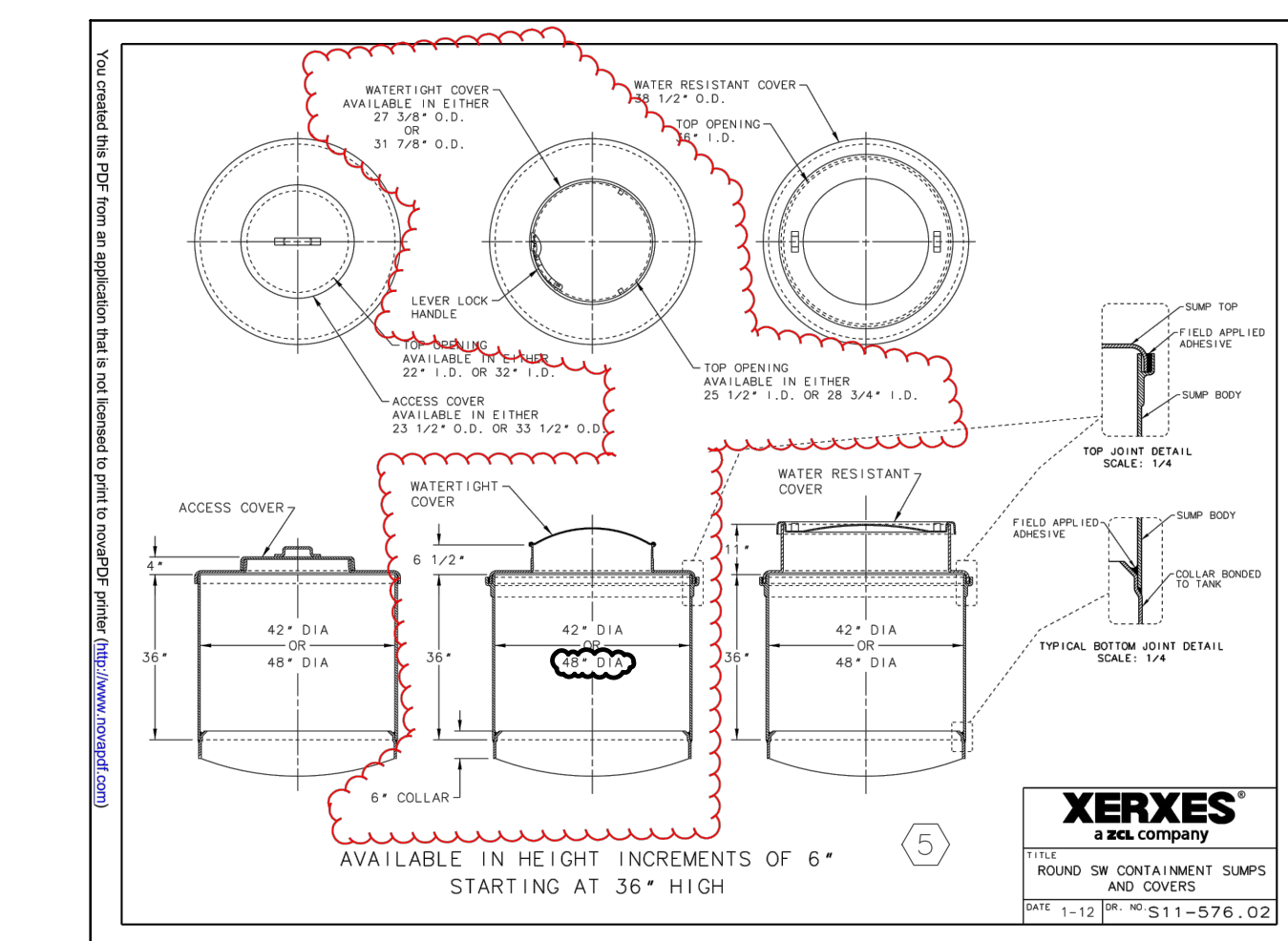
CONTRACTOR SHALL IDENTIFY & MARK THE EXACT LOCATIONS OF ALL UNDERGROUND CONNECTION TO WATER AND SEWER MAINS, BENDS CURB BOXES, CLEAN OUTS, ETC... ON THE ASBUILT PLANS. COPIES OF THESE DOCUMENTS SHALL BE DELIVERED TO THE ENGINEER FOR RECORD.

LOCATION REQUIREMENT: NON METALLIC SEWER/MAINS AND SERVICES MUST BE PROVIDED WITH TRACE WIRE OR OTHER METHODS IN ORDER TO BE LOCATED.

SHOP DRAWINGS FOR UTILITIES ARE REQUIRED.

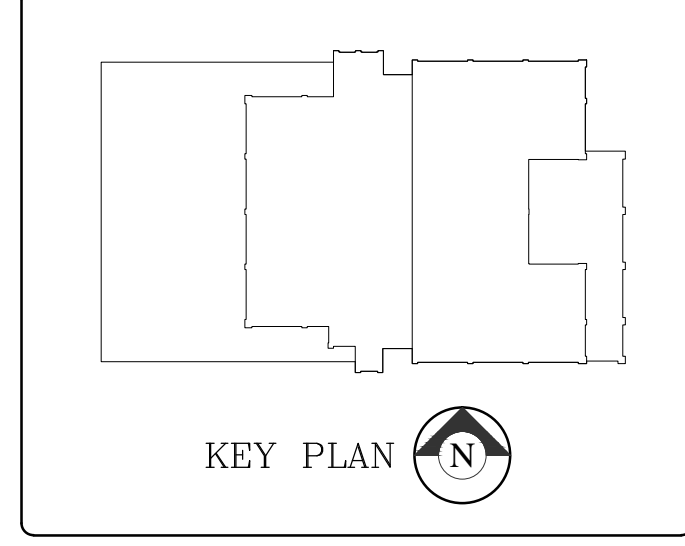ALL MANHOLES SHALL BE BUILT WITH ECCENTRIC CONES.

1. 90° PIPE BEND
2. CORE NEW HOLE IN MANHOLE
3. SEE DETAIL FOR TYPICAL PIPE INSULATED.
4. 45° PIPE BEND
5. CUT SHEETS FOR INFORMATIONAL PURPOSES ONLY

KEY PLAN

BUSINESS EDUCATION BUILDING

APPLIED TECHNOLOGIES CENTER

Plan labels

Catch Basin
Rim = 75.34
Invert = 69.87

Storm Sewer MH
Rim = 76.39
Invert = 46.06

I.E.=672.86

Sanitary MH
Rim = 75.91
Invert = 61.78

SANITARY MANH
RIM = 676.54
I.E.N. = 662.49
I.E.S. = 662.44

I.E.=670.05

STORM MANHOLE
RIM = 677.04
I.E. = 646.70

I.E.=671.41

UNDERGROUND WATER REUSE TANK

I.E.=670.34

50'-0"

13 L.F. 4" SCH 40 PVC INSUL-SEAL PIPE @ 1/8" PER FT

30 L.F. 4" SCH 40 PVC INSUL-SEAL PIPE @ 1/8" PER FT

24 L.F. 4" SCH 40 PVC INSUL-SEAL PIPE @ 1/8" PER FT

28 L.F. 6" SDR 35 PVC PIPE @ 1/8" PER 1'

3 L.F. 4" SCH 40 PVC INSUL-SEAL PIPE @ 1/8" PER FT

56 L.F. 3" SCH 80 PVC DISCHARGE PIPING TO STORAGE TANK 60" BELOW FLOOR LEVEL

43 L.F. 8" SCH 80 PVC ROOF STORM WATER

33 L.F. 3" SCH 80 PVC RECLAMATION WATER TREATMENT SYSTEM SUCTION PIPING FROM STORAGE TANK 60" BELOW FLOOR LEVEL

Catch Basin
Rim = 74.98
Invert = 71.23

Pine St

8th Street

684.75'

APPROX. LOCATION OF UTILITY VAULT

12" Sanitary

6" Watermain

CONCRETE WALK

66'

Tank Section Detail

2" VENT WITH BUG SCREEN
4'-6" HIGH BY 48" MANWAY SUMP
APPROXIMATE GRADE 676.5
3" SCH 40 PVC INSUL-SEAL SUCTION PIPING
3" SCH 80 PVC RECIRC DISCHARGE PIPING
6" SCH 40 PVC STORM
4" SCH 80 SUPPLY
36" DIA. MANWAY
TANK I.E.=663.00

EXIST'G STM MH RIM=675.99
I.E.=670.52
EXIST'G 12" STM VERIFY ELEVATION

CO
I.E.=670.34
EXIST'G STM MH RIM=677.04
I.E.=670.05

UNDERGROUND WATER REUSE TANK SECTION
NO SCALE

Xerxes details

XERXES
ROUND CONTAINMENT SUMPS AND COVERS

AVAILABLE IN HEIGHT INCREMENTS OF 6" STARTING AT 36" HIGH

XERXES DEADMAN

XERXES
XERXES PRECAST DEADMAN

Date	Revision Description
07/07/15	CONDENSER WATER DISCH
07/27/15	CONDENSER WATER DISCH
10/07/15	CONDENSER WATER DISCH

CONSTRUCTION DRAWINGS

DATE	7-10-2014	PARAGON PROJECT #14-038
DRAWN BY	C.G.	CHECKED BY	K.W.

DRAWING TITLE

UTILITY PLAN

DRAWING NUMBER

C201

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PLAN SCALE: 1"=10'