

PUBLIC UTILITIES COMMITTEE

Tuesday, October 18, 2016

6:00 P.M.

**McFarland Municipal Center
Conference Room "A"**

AGENDA

1. CALL TO ORDER.
2. PUBLIC COMMENT
3. BUSINESS
 - a. Discussion and possible recommendation regarding the Paulson Road South Development.
 - a. Discussion and recommendation to Village Board regarding the 2017 Utility Budgets.
 - Capital Items to Include:
 - Water and Sewer main installation on Holscher Road
 - SCADA System Upgrade
 - Place concrete bottom on Taylor Road ditch by Cottages
4. STAFF REPORTS
 - a. Update on activities
 - b. Impact Fee Summary
5. ADJOURNMENT.

NOTES:

- 1) Persons needing special accommodations should call 838-7287 at least 24 hours prior to the meeting.
- 2) A quorum of The Village Board may attend this meeting for the purpose of gathering information relevant to their responsibilities as Village trustees. No matter shall be considered nor shall any action be taken by said Village Board members at this meeting.
- 3) More specific information about agenda items may be obtained by calling 838-7287.

This agenda was posted, or caused to be posted, by my hand on the 14th day of October, 2016 at the following three (3) posting places in the Village of McFarland, to wit: McFarland Municipal Center, 5915 Milwaukee Street; E.D. Locke Public Library, 5920 Milwaukee Street; and the McFarland State Bank, 5990 Hwy. 51.

Cassandra Suettinger, Clerk/Deputy Treasurer

PAULSON ROAD DUPLEXES PARKING LOT AND UTILITY IMPROVEMENTS

5401 PAULSON RD VILLAGE OF MCFARLAND, WISCONSIN



PROJECT LOCATION

SCALE: NTS

PROJECT CONTACTS:

CIVIL ENGINEER:
PROFESSIONAL ENGINEERING, LLC.
CONTACT: ROXANNE JOHNSON, PE
818 N. MEADOWBROOK LANE
WAUNAKEE, WI 53597
(608) 849-9378

OWNER:
SPANRIE PROPERTIES, LLC
CONTACT: BRIAN SPANOS/BRET RIEMEN
5910 MAIN STREET
MCFARLAND, WI 53558
(608) 443-6606



Call 811 3 Work Days Before You Dig
or Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

LIST OF DRAWINGS

SHEET NO.	TITLE
T100	TITLE SHEET
C200	SITE PLAN
C300	GRADING PLAN
C301	EROSION CONTROL PLAN
C400	UTILITY PLAN
C401	STORM SEWER SCHEDULE
C402	WATER MAIN PLAN AND PROFILE
C403	WATER MAIN PLAN AND PROFILE
C500	STORMWATER DETAILS
C501	SITE DETAILS
C502	SITE DETAILS

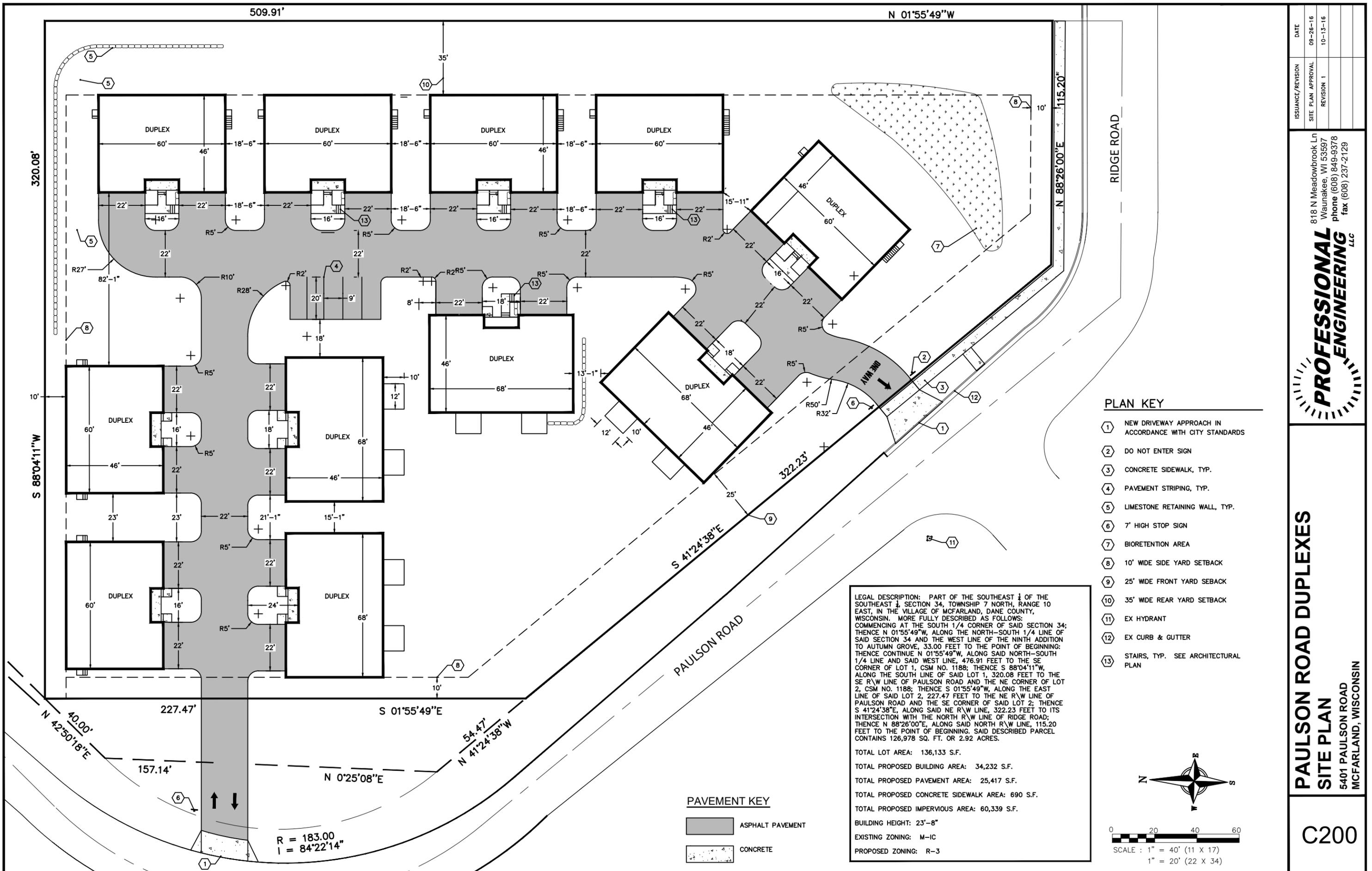
ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**PAULSON ROAD DUPLEXES
TITLE SHEET
5401 PAULSON ROAD
MCFARLAND, WISCONSIN**

T100



509.91'

N 01°55'49"W

320.08'

S 88°04'11"W

N 88°26'00"E 115.20'

RIDGE ROAD

PAULSON ROAD

N 42°50'18"E 40.00'

227.47'

157.14'

S 01°55'49"E

N 0°25'08"E

54.47'

N 41°24'38"W

R = 183.00
l = 84°22'14"

ONE WAY

322.23'

PAVEMENT KEY

- ASPHALT PAVEMENT
- CONCRETE

LEGAL DESCRIPTION: PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 SECTION 34, TOWNSHIP 7 NORTH, RANGE 10 EAST, IN THE VILLAGE OF MCFARLAND, DANE COUNTY, WISCONSIN. MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 34; THENCE N 01°55'49"W, ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 34 AND THE WEST LINE OF THE NINTH ADDITION TO AUTUMN GROVE, 33.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N 01°55'49"W, ALONG SAID NORTH-SOUTH 1/4 LINE AND SAID WEST LINE, 476.91 FEET TO THE SE CORNER OF LOT 1, CSM NO. 1188; THENCE S 88°04'11"W, ALONG THE SOUTH LINE OF SAID LOT 1, 320.08 FEET TO THE SE CORNER OF LOT 2, CSM NO. 1188; THENCE S 01°55'49"W, ALONG THE EAST LINE OF SAID LOT 2, 227.47 FEET TO THE NE R/W LINE OF PAULSON ROAD AND THE SE CORNER OF SAID LOT 2; THENCE S 41°24'38"E, ALONG SAID NE R/W LINE, 322.23 FEET TO ITS INTERSECTION WITH THE NORTH R/W LINE OF RIDGE ROAD; THENCE N 88°26'00"E, ALONG SAID NORTH R/W LINE, 115.20 FEET TO THE POINT OF BEGINNING. SAID DESCRIBED PARCEL CONTAINS 126,978 SQ. FT. OR 2.92 ACRES.

TOTAL LOT AREA: 136,133 S.F.
 TOTAL PROPOSED BUILDING AREA: 34,232 S.F.
 TOTAL PROPOSED PAVEMENT AREA: 25,417 S.F.
 TOTAL PROPOSED CONCRETE SIDEWALK AREA: 690 S.F.
 TOTAL PROPOSED IMPERVIOUS AREA: 60,339 S.F.
 BUILDING HEIGHT: 23'-8"
 EXISTING ZONING: M-IC
 PROPOSED ZONING: R-3

PLAN KEY

- ① NEW DRIVEWAY APPROACH IN ACCORDANCE WITH CITY STANDARDS
- ② DO NOT ENTER SIGN
- ③ CONCRETE SIDEWALK, TYP.
- ④ PAVEMENT STRIPING, TYP.
- ⑤ LIMESTONE RETAINING WALL, TYP.
- ⑥ 7' HIGH STOP SIGN
- ⑦ BIORETENTION AREA
- ⑧ 10' WIDE SIDE YARD SETBACK
- ⑨ 25' WIDE FRONT YARD SEBACK
- ⑩ 35' WIDE REAR YARD SETBACK
- ⑪ EX HYDRANT
- ⑫ EX CURB & GUTTER
- ⑬ STAIRS, TYP. SEE ARCHITECTURAL PLAN



0 20 40 60
 SCALE : 1" = 40' (11 X 17)
 1" = 20' (22 X 34)

ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

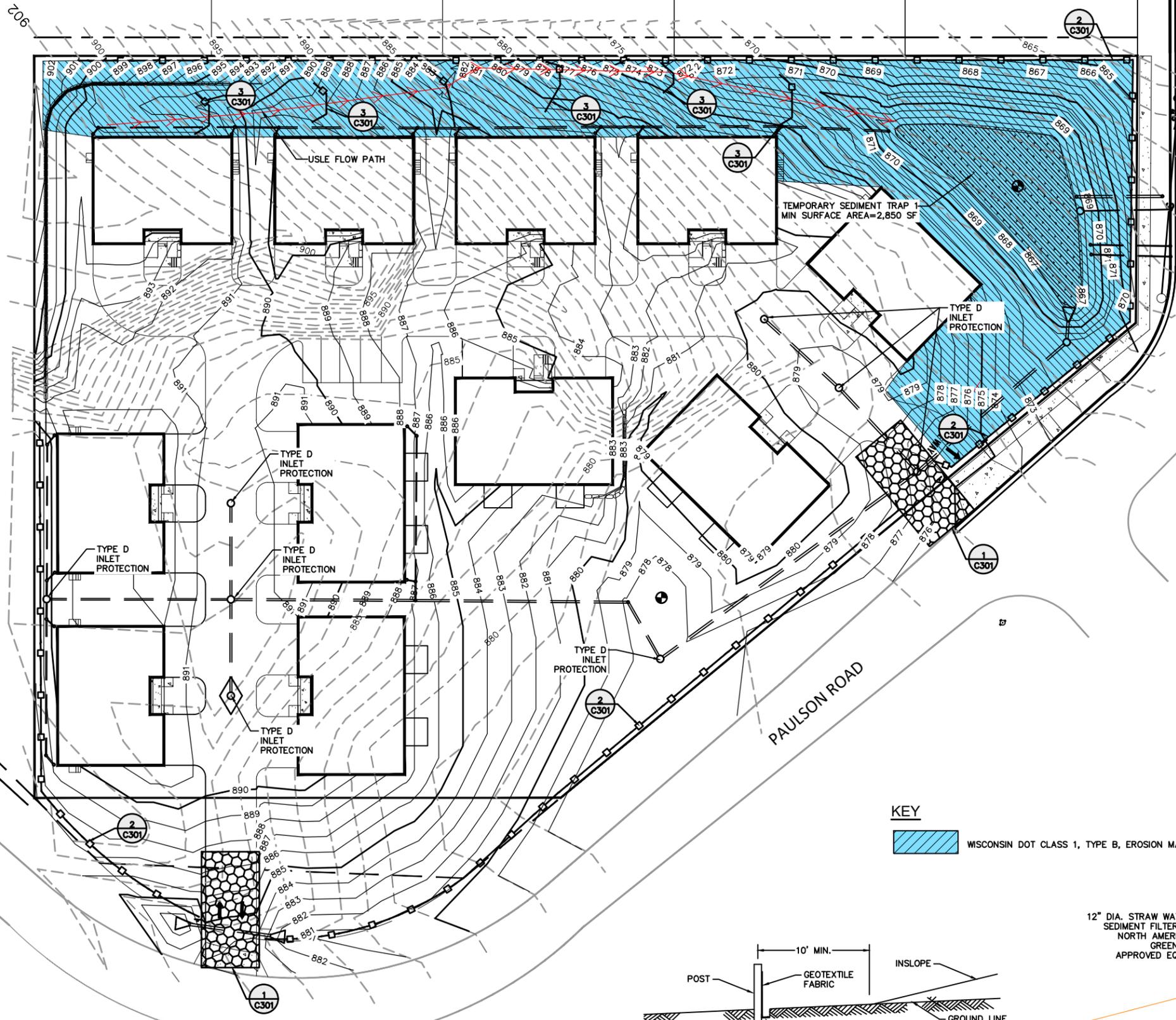


PAULSON ROAD DUPLEXES
SITE PLAN
 5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

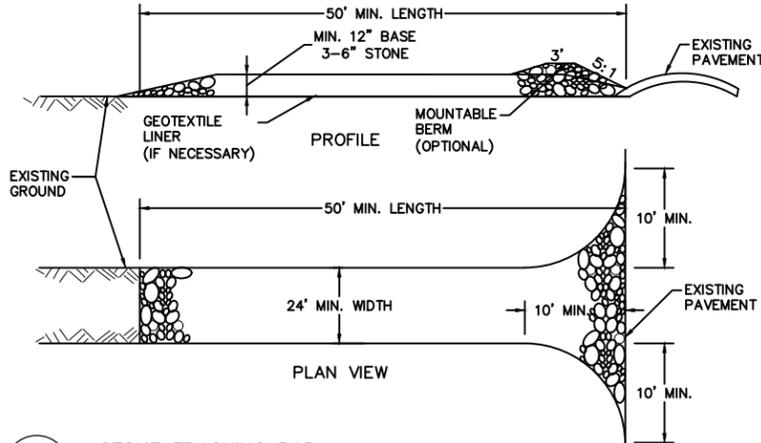
C200

EROSION CONTROL NOTES

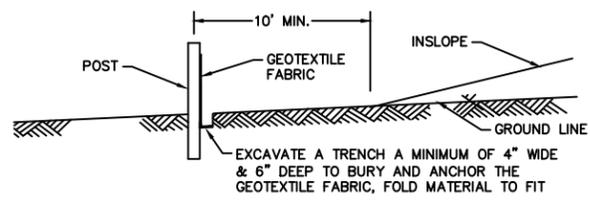
- (1) THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL DEVICES FROM THE START OF LAND DISTURBING CONSTRUCTION ACTIVITIES UNTIL FINAL STABILIZATION OF THE CONSTRUCTION SITE.
- (2) ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH VILLAGE OF MCFARLAND EROSION CONTROL AND STORMWATER ORDINANCE AND THE APPROPRIATE WISCONSIN DNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS. THE VILLAGE RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS CONDITIONS WARRANT.
- (3) CLEANING. RIGHT-OF-WAY SURFACES SHALL BE THOROUGHLY CLEANED BEFORE THE END OF EACH WORKING DAY WITHOUT HYDRAULIC FLUSHING.
- (4) RESTORATION. RESTORATION SHALL BE COMPLETED AS NOTED IN THE CONSTRUCTION SCHEDULE UNLESS OTHERWISE AUTHORIZED BY THE TOWN.
- (5) INSPECTION. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. DOCUMENTATION OF EACH INSPECTION SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND A DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION.
- (6) STONE TRACKING PAD. BEFORE BEGINNING CONSTRUCTION, CONTRACTOR SHALL INSTALL A STONE TRACKING PAD AT EACH POINT WHERE VEHICLES ENTERS/EXITS THE CONSTRUCTION SITE. STONE TRACKING PADS SHOULD BE AT LEAST 24 FEET WIDE AND 50 FEET LONG, AND CONSTRUCTED OF 3-6 INCH WASHED STONE WITH A DEPTH OF AT LEAST 12 INCHES. ON SITES WITH CLAY SOILS, STONE TRACKING PADS MUST BE UNDERLAIN WITH A GEOTEXTILE LINER TO PREVENT THE STONE FROM SINKING INTO THE SOIL.
- (7) INLET PROTECTION. ALL INLETS SUBJECT TO DRAINAGE SHALL BE PROTECTED WITH TYPE D INLET PROTECTION OR APPROVED EQUAL. ANY DEPOSITS OF DIRT, MUD, ROCK, DEBRIS, OR OTHER MATERIAL ENTERING THE STORM SEWER SYSTEM SHALL BE PROMPTLY AND THOROUGHLY CLEANED OUT.
- (8) EROSION MAT. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 4H:1V SHALL BE STABILIZED WITH WISCONSIN DOT CLASS 1, URBAN, TYPE B, EROSION MAT.
- (9) TEMPORARY EROSION CONTROL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- (10) STABILIZATION. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- (11) TOPSOIL. A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEED OR SODDED.
- (12) SEEDING. SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2 LBS PER 1,000 SF OF AREA OR AS NOTED ON THE LANDSCAPE PLAN.
- (13) STOCKPILES. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.



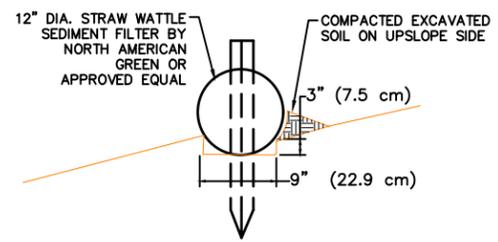
KEY
 WISCONSIN DOT CLASS 1, TYPE B, EROSION MAT



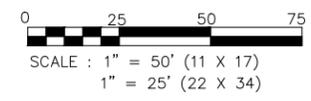
1 STONE TRACKING PAD
 C301 NTS



2 SILT FENCE
 C301 NTS



3 SEDIMENT FILTER
 C301 NTS



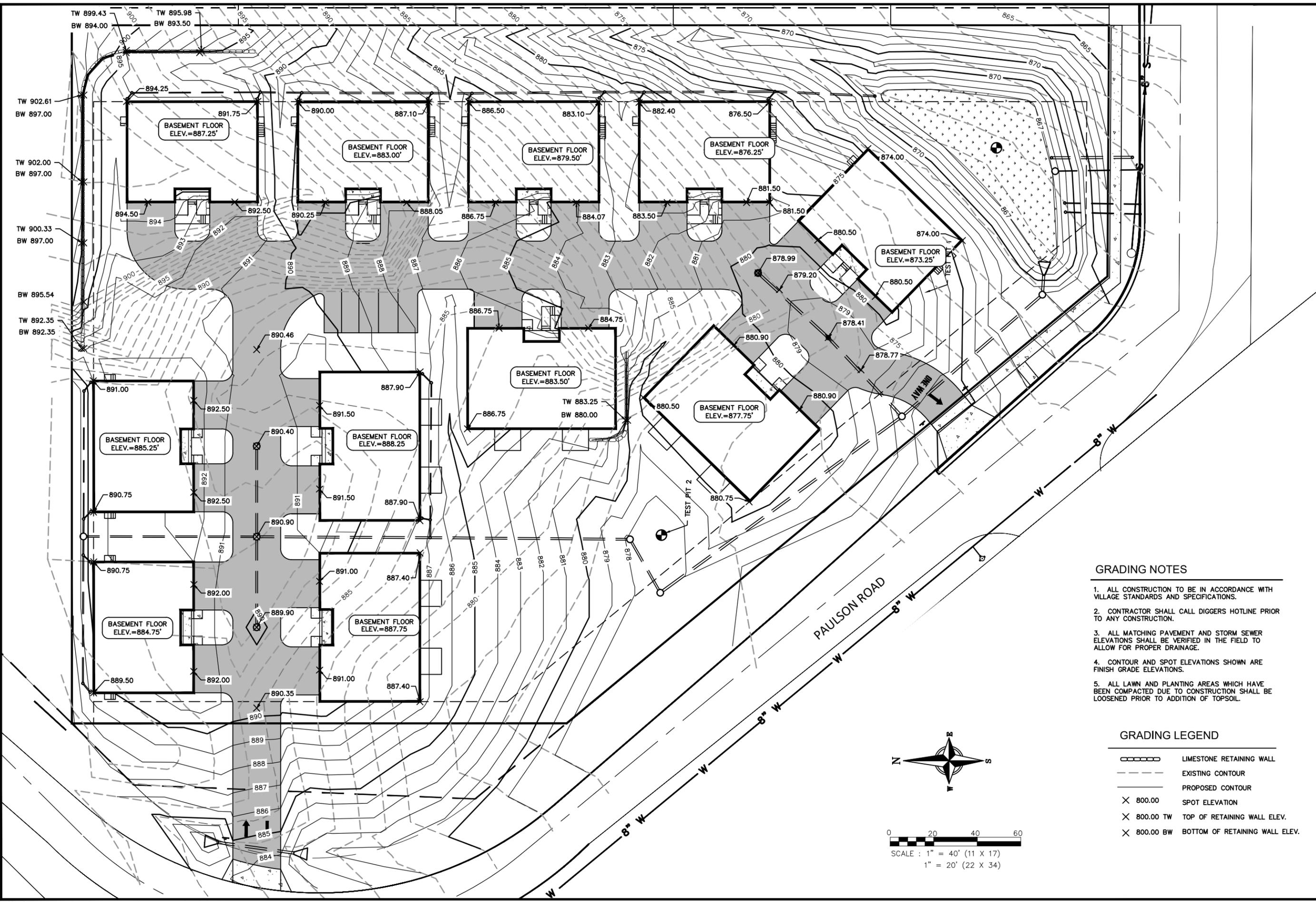
ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**PAULSON ROAD DUPLEXES
 EROSION CONTROL PLAN**
 5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

C301

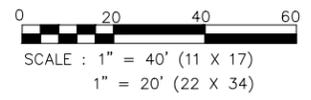


GRADING NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH VILLAGE STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
3. ALL MATCHING PAVEMENT AND STORM SEWER ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.
4. CONTOUR AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE ELEVATIONS.
5. ALL LAWN AND PLANTING AREAS WHICH HAVE BEEN COMPACTED DUE TO CONSTRUCTION SHALL BE LOOSENED PRIOR TO ADDITION OF TOPSOIL.

GRADING LEGEND

- LIMESTONE RETAINING WALL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SPOT ELEVATION
- TOP OF RETAINING WALL ELEV.
- BOTTOM OF RETAINING WALL ELEV.



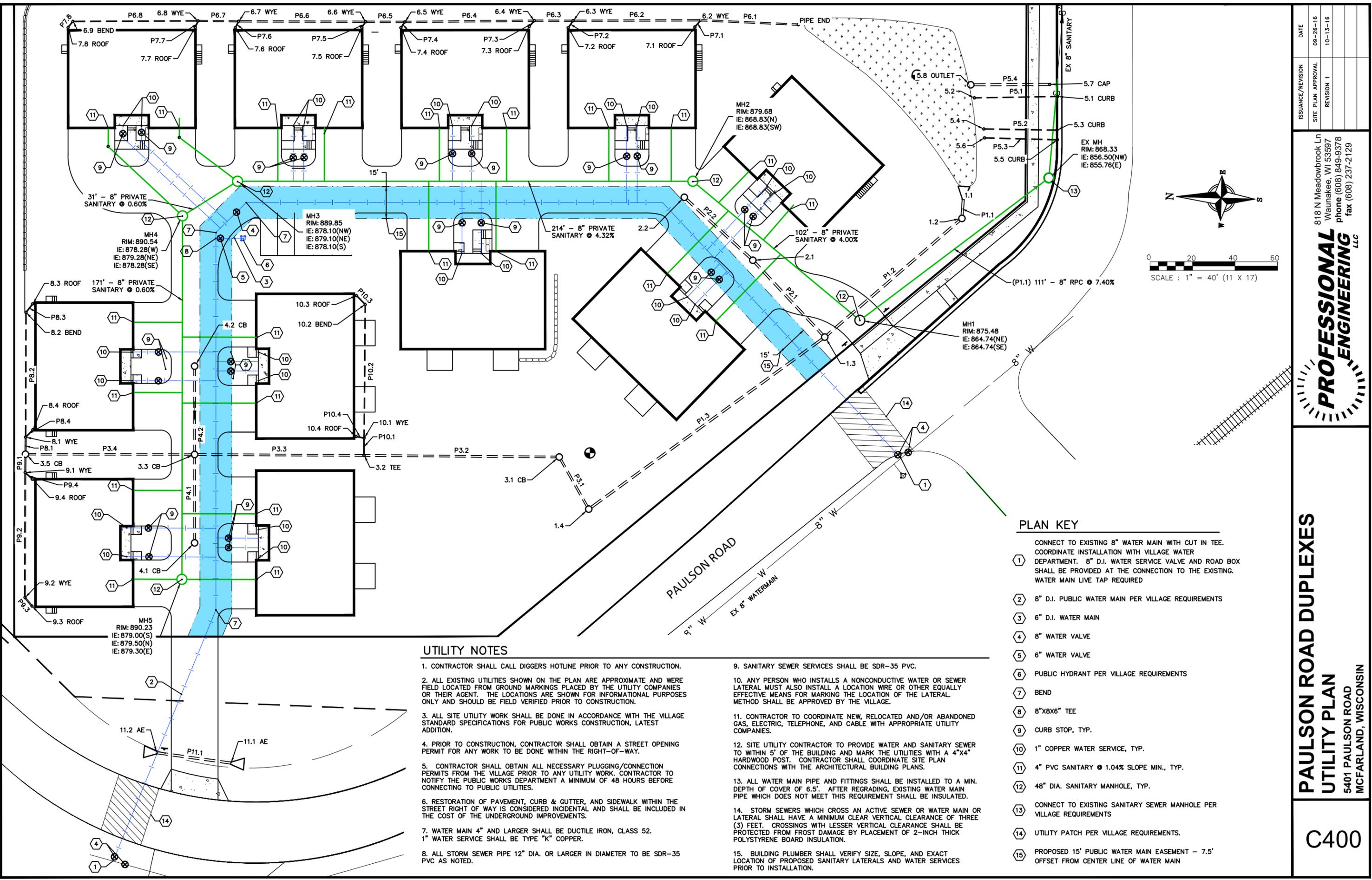
ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**PAULSON ROAD DUPLEXES
 GRADING PLAN**
 5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

C300



ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

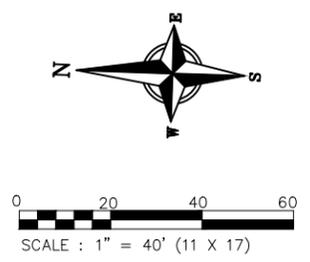
818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**PAULSON ROAD DUPLEXES
 UTILITY PLAN**

5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

C400



PLAN KEY

- ① CONNECT TO EXISTING 8" WATER MAIN WITH CUT IN TEE. COORDINATE INSTALLATION WITH VILLAGE WATER DEPARTMENT. 8" D.I. WATER SERVICE VALVE AND ROAD BOX SHALL BE PROVIDED AT THE CONNECTION TO THE EXISTING WATER MAIN LIVE TAP REQUIRED
- ② 8" D.I. PUBLIC WATER MAIN PER VILLAGE REQUIREMENTS
- ③ 6" D.I. WATER MAIN
- ④ 8" WATER VALVE
- ⑤ 6" WATER VALVE
- ⑥ PUBLIC HYDRANT PER VILLAGE REQUIREMENTS
- ⑦ BEND
- ⑧ 8"X8X6" TEE
- ⑨ CURB STOP, TYP.
- ⑩ 1" COPPER WATER SERVICE, TYP.
- ⑪ 4" PVC SANITARY @ 1.04% SLOPE MIN., TYP.
- ⑫ 48" DIA. SANITARY MANHOLE, TYP.
- ⑬ CONNECT TO EXISTING SANITARY SEWER MANHOLE PER VILLAGE REQUIREMENTS
- ⑭ UTILITY PATCH PER VILLAGE REQUIREMENTS.
- ⑮ PROPOSED 15' PUBLIC WATER MAIN EASEMENT - 7.5' OFFSET FROM CENTER LINE OF WATER MAIN

UTILITY NOTES

1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKINGS PLACED BY THE UTILITY COMPANIES OR THEIR AGENT. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
3. ALL SITE UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE VILLAGE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST ADDITION.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE VILLAGE PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
6. RESTORATION OF PAVEMENT, CURB & GUTTER, AND SIDEWALK WITHIN THE STREET RIGHT OF WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.
7. WATER MAIN 4" AND LARGER SHALL BE DUCTILE IRON, CLASS 52. 1" WATER SERVICE SHALL BE TYPE "K" COPPER.
8. ALL STORM SEWER PIPE 12" DIA. OR LARGER IN DIAMETER TO BE SDR-35 PVC AS NOTED.
9. SANITARY SEWER SERVICES SHALL BE SDR-35 PVC.
10. ANY PERSON WHO INSTALLS A NONCONDUCTIVE WATER OR SEWER LATERAL MUST ALSO INSTALL A LOCATION WIRE OR OTHER EQUALLY EFFECTIVE MEANS FOR MARKING THE LOCATION OF THE LATERAL. METHOD SHALL BE APPROVED BY THE VILLAGE.
11. CONTRACTOR TO COORDINATE NEW, RELOCATED AND/OR ABANDONED GAS, ELECTRIC, TELEPHONE, AND CABLE WITH APPROPRIATE UTILITY COMPANIES.
12. SITE UTILITY CONTRACTOR TO PROVIDE WATER AND SANITARY SEWER TO WITHIN 5' OF THE BUILDING AND MARK THE UTILITIES WITH A 4"X4" HARDWOOD POST. CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING PLANS.
13. ALL WATER MAIN PIPE AND FITTINGS SHALL BE INSTALLED TO A MIN. DEPTH OF COVER OF 6.5'. AFTER REGRADING, EXISTING WATER MAIN PIPE WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE INSULATED.
14. STORM SEWERS WHICH CROSS AN ACTIVE SEWER OR WATER MAIN OR LATERAL SHALL HAVE A MINIMUM CLEAR VERTICAL CLEARANCE OF THREE (3) FEET. CROSSINGS WITH LESSER VERTICAL CLEARANCE SHALL BE PROTECTED FROM FROST DAMAGE BY PLACEMENT OF 2-INCH THICK POLYSTYRENE BOARD INSULATION.
15. BUILDING PLUMBER SHALL VERIFY SIZE, SLOPE, AND EXACT LOCATION OF PROPOSED SANITARY LATERALS AND WATER SERVICES PRIOR TO INSTALLATION.

STRUCTURE TABLE					
STRUCTURE NAME	SIZE	TOP OF CASTING	PIPES IN	PIPES OUT	CASTING
1.1	APRON ENDWALL	868.63	P1.1, 12" INV IN =867.50		
1.2	3' DIA. CB	871.05	P1.2, 12" INV IN =867.72	P1.1, 12" INV OUT =867.72	NEENAH R-1550
1.3	3' DIA. CB	876.51	P1.3, 12" INV IN =871.30 P2.1, 12" INV IN =871.50	P1.2, 12" INV OUT =871.30	NEENAH R-2050
1.4	3' DIA. CB	877.50	P3.1, 10" INV IN =873.50	P1.3, 12" INV OUT =873.47	NEENAH R-2560
2.1	3' DIA. CB	878.41	P2.2, 12" INV IN =874.00	P2.1, 12" INV OUT =874.00	NEENAH R-2050
2.2	3' DIA. CB	878.99		P2.2, 12" INV OUT =874.88	NEENAH R-2050
3.1	BEND	877.78	P3.2, 10" INV IN =874.60	P3.1, 10" INV OUT =874.56	NEENAH R-2560
3.2	TEE	886.79	P3.3, 10" INV IN =882.22 P10.1, 6" INV IN =882.55	P3.2, 10" INV OUT =882.20	
3.3	3' DIA. CB	890.90	P3.4, 8" INV IN =885.63 P4.2, 10" INV IN =885.70 P4.1, 10" INV IN =885.70	P3.3, 10" INV OUT =885.61	NEENAH R-2050
3.5	2' DIA. CB	889.36	P9.1, 6" INV IN =886.28 P8.1, 6" INV IN =886.28	P3.4, 8" INV OUT =886.11	INBELL GRATE
4.1	3' DIA. CB	889.90		P4.1, 10" INV OUT =887.03	NEENAH R-2050
4.2	3' DIA. CB	890.40		P4.2, 10" INV OUT =887.03	NEENAH R-2050
5.1	CURB	867.28	P5.1, 3" INV IN =867.00		NEENAH MODEL R-3262-3
5.2	PIPE END	867.53		P5.1, 3" INV OUT =867.25	
5.3	CURB	868.01	P5.2, 4" INV IN =867.65		NEENAH MODEL R-3262-3
5.4	PIPE END	868.62		P5.2, 4" INV OUT =868.25	
5.5	CURB	868.10	P5.3, 4" INV IN =867.74		NEENAH MODEL R-3262-3
5.6	PIPE END	868.64		P5.3, 4" INV OUT =868.25	
5.7	CAP	866.69	P5.4, 12" INV IN =865.64		
5.8	OUTLET	867.43		P5.4, 12" INV OUT =866.00	INBELL SOLID COVER
6.2	WYE	875.07	P6.2, 8" INV IN =870.00 P7.1, 4" INV IN =871.25	P6.1, 8" INV OUT =870.00	
6.3	WYE	880.73	P6.3, 8" INV IN =875.21 P7.2, 4" INV IN =875.55	P6.2, 8" INV OUT =875.21	
6.4	WYE	881.97	P6.4, 8" INV IN =876.48 P7.3, 4" INV IN =876.82	P6.3, 8" INV OUT =876.48	
6.5	WYE	885.71	P6.5, 8" INV IN =880.75 P7.4, 4" INV IN =881.10	P6.4, 8" INV OUT =880.75	
6.6	WYE	886.52	P6.6, 8" INV IN =882.04 P7.5, 4" INV IN =882.38	P6.5, 8" INV OUT =882.04	
6.7	WYE	889.56	P6.7, 6" INV IN =885.20 P7.6, 4" INV IN =885.36	P6.6, 8" INV OUT =885.03	
6.8	WYE	891.13	P6.8, 4" INV IN =886.15 P7.7, 4" INV IN =886.32	P6.7, 6" INV OUT =886.15	

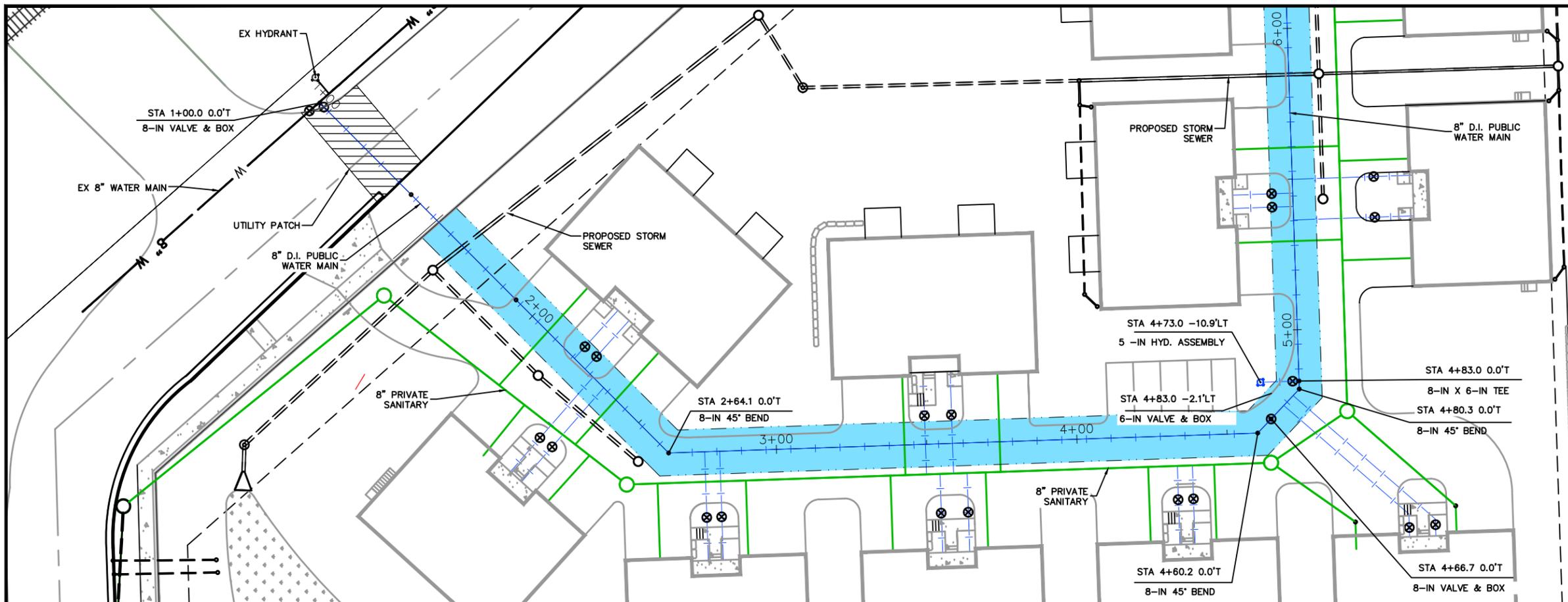
STRUCTURE TABLE					
STRUCTURE NAME	SIZE	TOP OF CASTING	PIPES IN	PIPES OUT	CASTING
6.9	BEND	893.99	P7.8, 4" INV IN =889.10	P6.8, 4" INV OUT =889.10	
7.1	ROOF	876.08		P7.1, 4" INV OUT =871.33	
7.2	ROOF	881.96		P7.2, 4" INV OUT =875.63	
7.3	ROOF	882.92		P7.3, 4" INV OUT =876.89	
7.4	ROOF	886.32		P7.4, 4" INV OUT =881.17	
7.5	ROOF	886.97		P7.5, 4" INV OUT =882.44	
7.6	ROOF	889.87		P7.6, 4" INV OUT =885.43	
7.7	ROOF	891.68		P7.7, 4" INV OUT =886.39	
7.8	ROOF	894.19		P7.8, 4" INV OUT =889.17	
8.1	WYE	889.39	P8.2, 4" INV IN =886.40 P8.4, 4" INV IN =886.80	P8.1, 6" INV OUT =886.40	
8.2	BEND	889.49	P8.3, 4" INV IN =887.00	P8.2, 4" INV OUT =886.99	
8.3	ROOF	890.64		P8.3, 4" INV OUT =887.05	
8.4	ROOF	890.40		P8.4, 4" INV OUT =886.95	
9.1	WYE	889.34	P9.2, 6" INV IN =886.50 P9.4, 4" INV IN =886.50	P9.1, 6" INV OUT =886.33	
9.2	WYE	888.42	P9.3, 6" INV IN =886.85	P9.2, 6" INV OUT =886.85	
9.3	ROOF	889.11		P9.3, 6" INV OUT =886.88	
9.4	ROOF	890.33		P9.4, 4" INV OUT =886.55	
10.1	WYE	887.04	P10.2, 4" INV IN =882.80 P10.4, 4" INV IN =882.80	P10.1, 6" INV OUT =882.63	
10.2	BEND	886.84	P10.3, 4" INV IN =883.55	P10.2, 4" INV OUT =883.55	
10.3	ROOF	887.67		P10.3, 4" INV OUT =883.70	
10.4	ROOF	887.75		P10.4, 4" INV OUT =882.88	
11.1	AE	882.25	P11.1, 12" INV IN =881.00		
11.2	AE	882.75		P11.1, 12" INV OUT =881.50	
PIPE END	PIPE END	868.71	P6.1, 8" INV IN =868.00		

PIPE TABLE						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	START INVERT ELEVATION	END INVERT ELEVATION
P1.1	12"	9'	2.45%	ADS N-12	867.72'	867.50'
P1.2	12"	86'	4.19%	ADS N-12	871.30'	867.72'
P1.3	12"	138'	1.58%	ADS N-12	873.47'	871.30'
P2.1	12"	50'	5.05%	ADS N-12	874.00'	871.50'
P2.2	12"	44'	2.01%	ADS N-12	874.88'	874.00'
P3.1	10"	29'	3.77%	ADS N-12	874.56'	873.50'
P3.2	10"	92'	8.27%	ADS N-12	882.20'	874.60'
P3.3	10"	80'	4.25%	ADS N-12	885.61'	882.22'
P3.4	8"	80'	0.60%	ADS N-12	886.11'	885.63'
P4.1	10"	42'	3.20%	ADS N-12	887.03'	885.70'
P4.2	10"	42'	3.20%	ADS N-12	887.03'	885.70'
P5.1	3"	40'	0.64%	ADS N-12	867.25'	867.00'
P5.2	4"	35'	1.75%	ADS N-12	868.25'	867.65'
P5.3	4"	35'	1.50%	ADS N-12	868.25'	867.74'
P5.4	12"	38'	0.98%	ADS N-12	866.00'	865.64'
P6.1	8"	47'	4.35%	ADS N-12	870.00'	868.00'
P6.2	8"	61'	8.66%	ADS N-12	875.21'	870.00'
P6.3	8"	19'	6.99%	ADS N-12	876.48'	875.21'
P6.4	8"	62'	7.00%	ADS N-12	880.75'	876.48'
P6.5	8"	19'	6.99%	ADS N-12	882.04'	880.75'
P6.6	8"	60'	5.00%	ADS N-12	885.03'	882.04'
P6.7	6"	20'	4.98%	ADS N-12	886.15'	885.20'
P6.8	4"	59'	5.00%	ADS N-12	889.10'	886.15'
P7.1	4"	5'	1.89%	ADS N-12	871.33'	871.25'
P7.2	4"	4'	2.01%	ADS N-12	875.63'	875.55'
P7.3	4"	4'	1.90%	ADS N-12	876.89'	876.82'
P7.4	4"	4'	2.11%	ADS N-12	881.17'	881.10'
P7.5	4"	4'	1.87%	ADS N-12	882.44'	882.38'
P7.6	4"	4'	2.04%	ADS N-12	885.43'	885.36'
P7.7	4"	4'	2.10%	ADS N-12	886.39'	886.32'
P7.8	4"	4'	1.95%	ADS N-12	889.17'	889.10'
P8.1	6"	9'	1.49%	ADS N-12	886.40'	886.28'
P8.2	4"	59'	1.00%	ADS N-12	886.99'	886.40'
P8.3	4"	6'	1.00%	ADS N-12	887.05'	887.00'
P8.4	4"	5'	3.00%	ADS N-12	886.95'	886.80'
P9.1	6"	9'	0.58%	ADS N-12	886.33'	886.28'
P9.2	6"	59'	0.60%	ADS N-12	886.85'	886.50'
P9.3	6"	6'	0.57%	ADS N-12	886.88'	886.85'
P9.4	4"	5'	1.09%	ADS N-12	886.55'	886.50'
P10.1	6"	9'	0.98%	ADS N-12	882.63'	882.55'
P10.2	4"	63'	1.19%	ADS N-12	883.55'	882.80'
P10.3	4"	6'	2.59%	ADS N-12	883.70'	883.55'
P10.4	4"	4'	2.08%	ADS N-12	882.88'	882.80'
P11.1	12"	36'	1.42%	ADS N-12	881.50'	881.00'

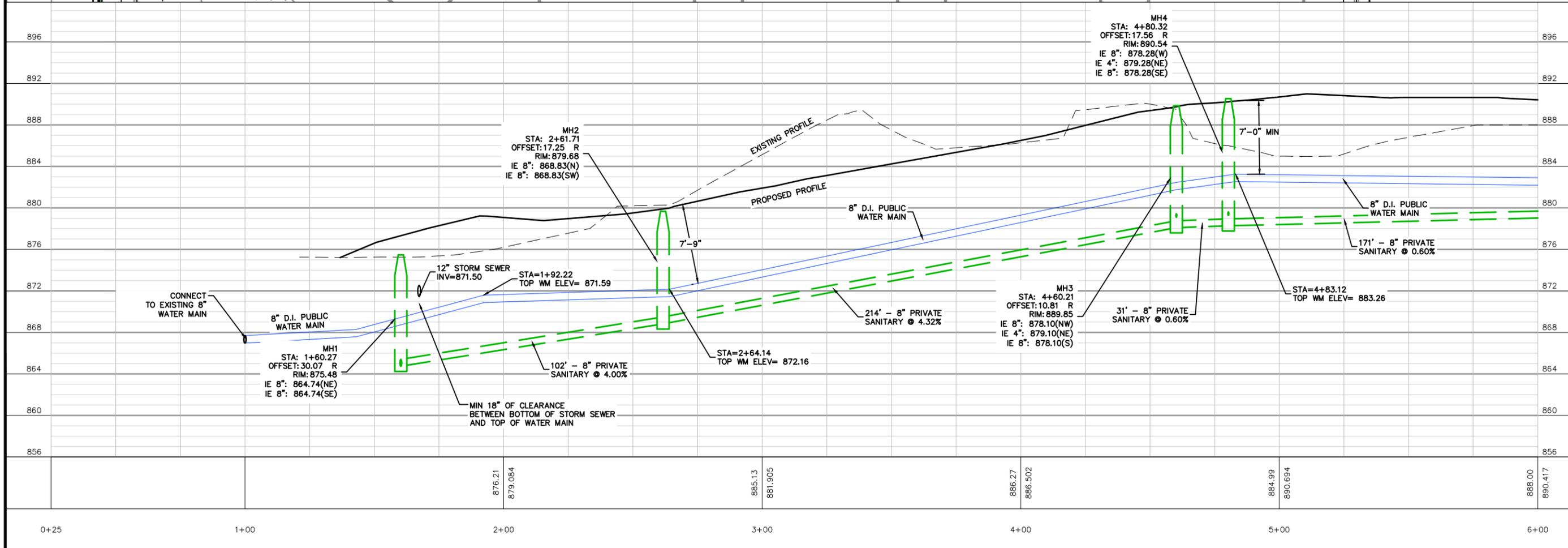
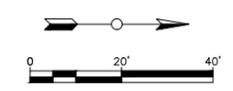
DATE: 09-26-16
 10-13-16
 REVISION 1
 ISSUANCE/REVISION
 SITE PLAN APPROVAL
 818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC
 PAULSON ROAD DUPLEXES
 STORM SEWER SCHEDULE
 5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

C401



- NOTE:
1. UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.
 2. ALL PUBLIC WATER MAIN UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE VILLAGE STANDARD SPECIFICATIONS.
 3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FROM THE VILLAGE FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.
 4. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE VILLAGE PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.



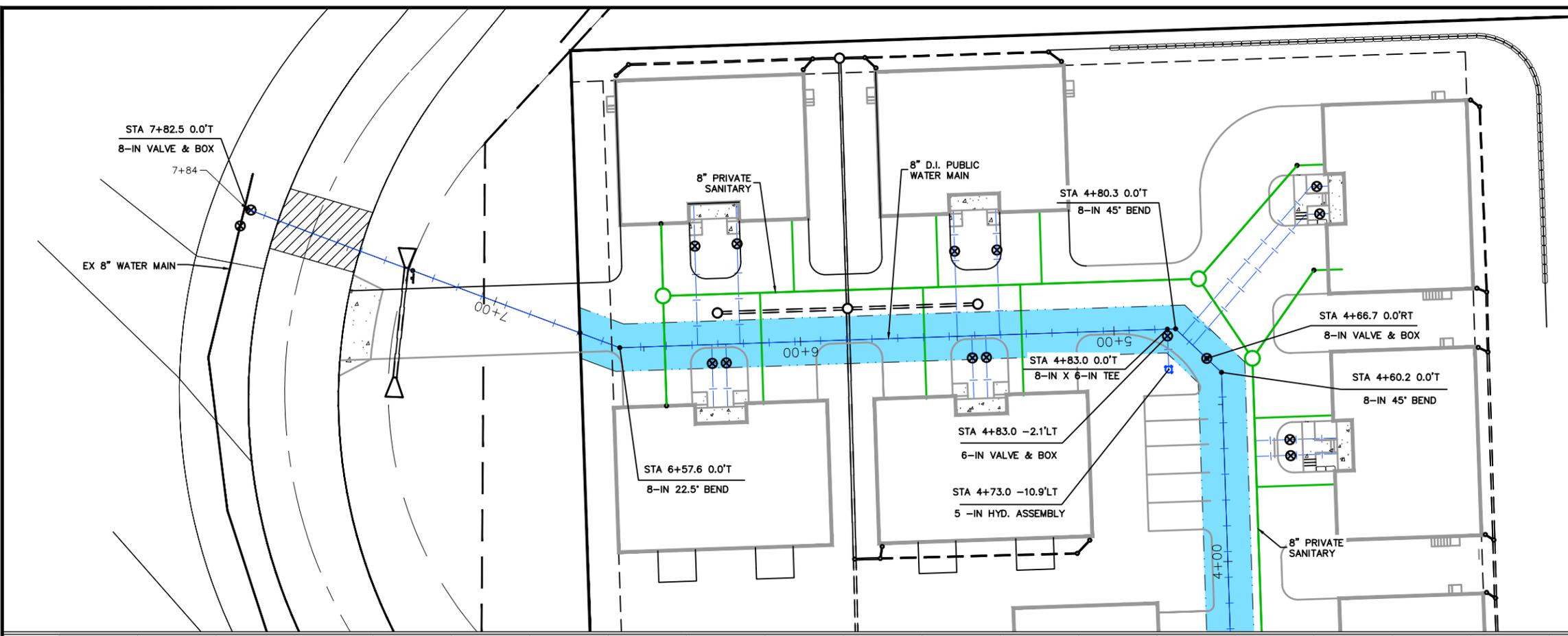
ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
Wauwatosa, WI 53597
phone (608) 849-9378
fax (608) 237-2129

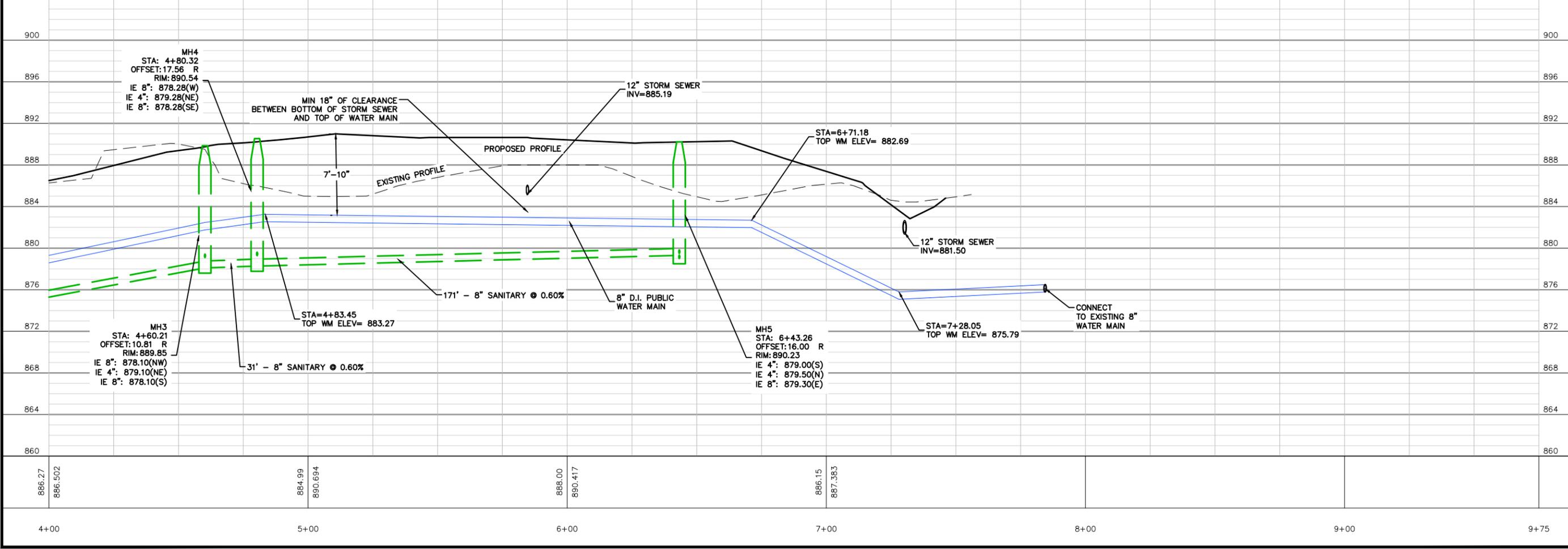
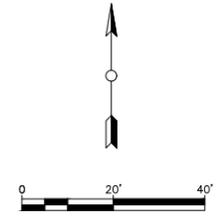


**PAULSON ROAD DUPLEXES
WATER MAIN PLAN AND PROFILE**
5401 PAULSON ROAD
MCFARLAND, WISCONSIN

C402



- NOTE:
- UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.
 - ALL PUBLIC WATER MAIN UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE VILLAGE STANDARD SPECIFICATIONS.
 - PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FROM THE VILLAGE FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.
 - CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE VILLAGE PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.



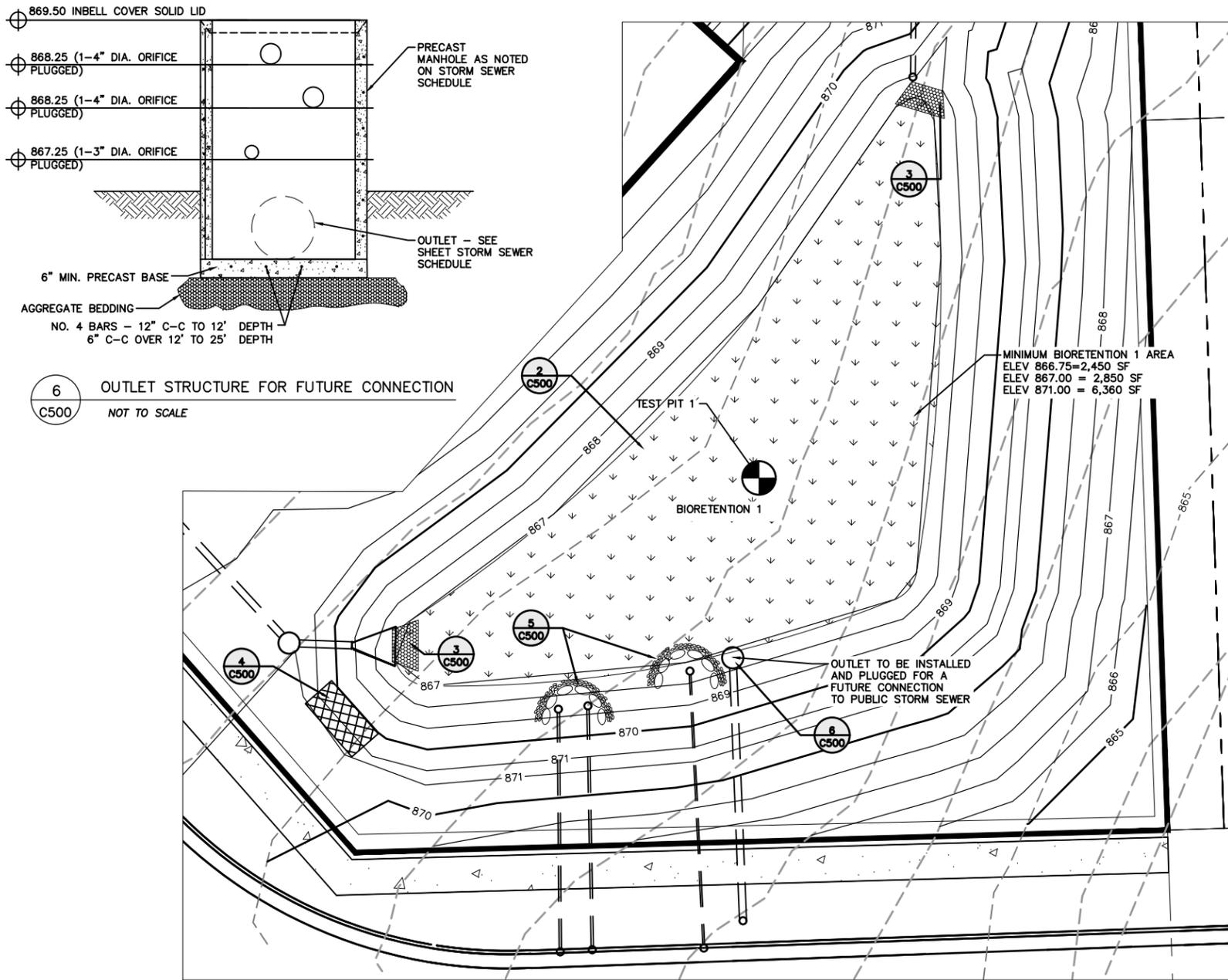
ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-28-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
Wauwatosa, WI 53597
phone (608) 849-9378
fax (608) 237-2129

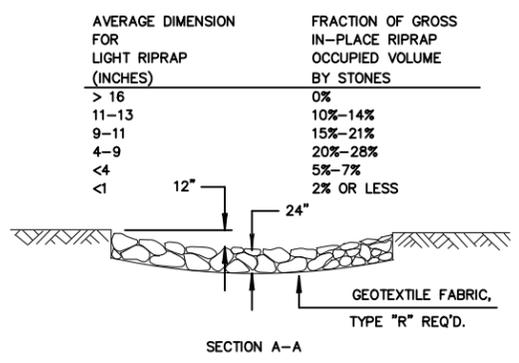


**PAULSON ROAD DUPLEXES
WATER MAIN PLAN AND PROFILE**
5401 PAULSON ROAD
MCFARLAND, WISCONSIN

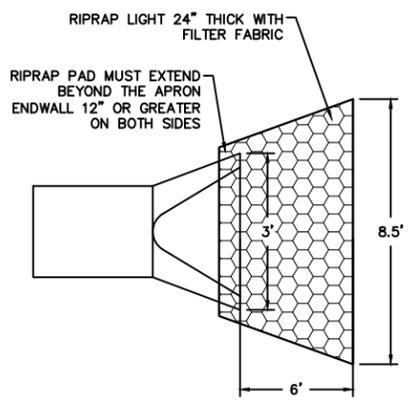
C403



1 BIORETENTION AREA 1
 C500 1"=20'

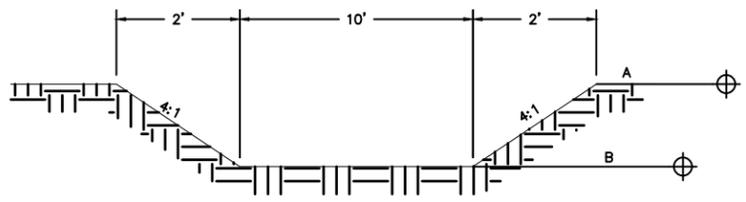


3 RIP RAP & GEOTEXTILE FABRIC AT APRON ENDWALLS
 C500 NTS

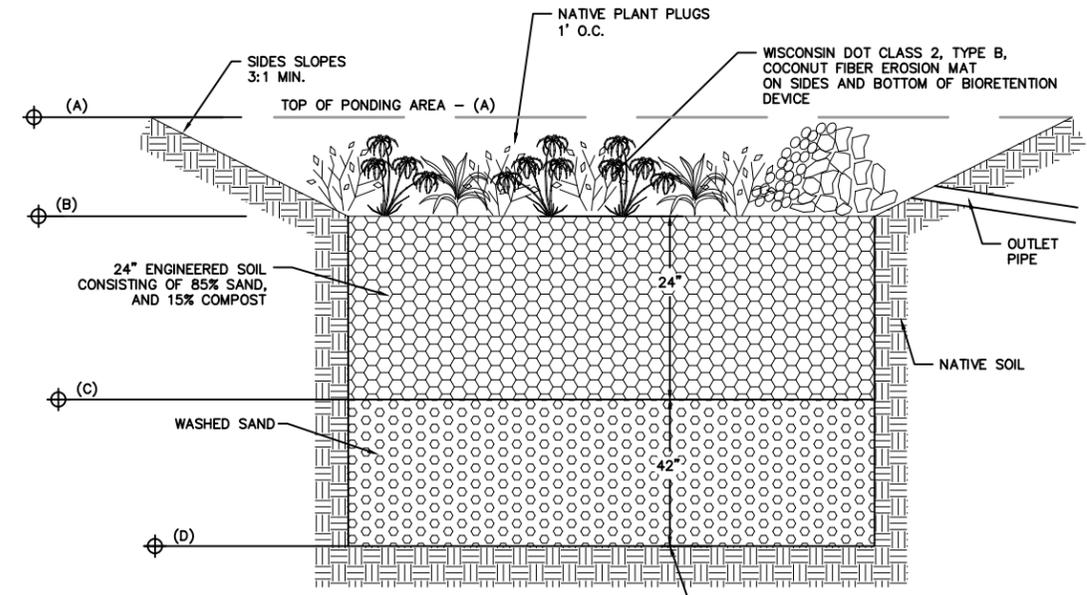


BIORETENTION 1

SECTION	ELEVATION (FT)
A	871.00 (TOP OF POND)
B	870.50 (EMERGENCY OVERFLOW)



4 EMERGENCY OVERFLOW
 C500 NTS



BIORETENTION 1

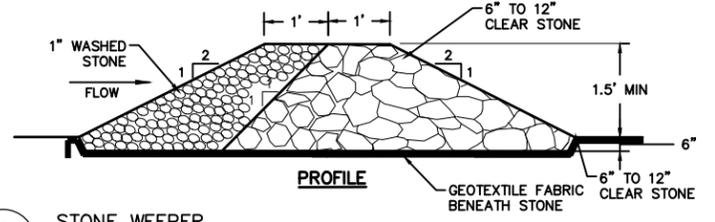
SECTION	ELEVATION (FT)	DESCRIPTION
A	871.00	TOP OF POND (MIN AREA 6,360 SF)
B	866.75	TOP OF ENGINEERED SOIL (MIN AREA 2,450 SF)
C	864.75	TOP OF SAND
D	861.25	BOTTOM OF DEVICE

CONTRACTOR TO NOTIFY ENGINEER DURING BASIN CONSTRUCTION TO VERIFY THAT THE LOWER IMPERMEABLE SOILS ARE REMOVED TO THE DESIGN SOILS

2 BIORETENTION CROSS SECTION
 C500 NTS

BIORETENTION BASIN NOTES

- THE BIORETENTION/INFILTRATION BASIN SHALL BE CONSTRUCTED WHEN THE LOT IS FULLY DEVELOPED AND THE AREA DRAINING TO THE BASIN HAS BEEN STABILIZED FROM EROSION AND VEGETATION IS ESTABLISHED.
- CONTRACTOR TO NOTIFY ENGINEER DURING BASIN CONSTRUCTION TO VERIFY THAT THE LOWER IMPERMEABLE SOILS ARE REMOVED TO THE DESIGN SOILS.
- SAND COMPONENT OF THE ENGINEERED SOIL SHALL MEET ONE OF THE FOLLOWING GRADATION REQUIREMENTS:
 A. USDA COARSE SAND (.02 - .04 INCHES)
 THE SAND COMPONENT SHALL CONSIST OF MINERAL SAND THAT IS AT LEAST 97% SiO2. SUBSTITUTIONS, SUCH AS CALCIUM CARBONATED SAND, DOLOMITIC SAND, MANUFACTURED SAND OR STONE DUST ARE NOT ALLOWED. THE SAND SHALL BE WASHED TO REMOVE CLAY AND SILT PARTICLES, AND WELL-DRAINED PRIOR TO MIXING.
- THE COMPOST COMPONENT OF THE ENGINEERED SOIL SHALL MEET THE REQUIREMENTS OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES SPECIFICATION S100, COMPOST.
- THE ENGINEERED SOIL MIX SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH OR OTHER MATERIAL OVER 1 INCH IN DIAMETER.
- THE ENGINEERED SOIL MIX SHALL HAVE A PH BETWEEN 5.5 AND 8.0.
- THE ENGINEERED SOIL MIX SHALL HAVE ADEQUATE NUTRIENT CONTENT TO MEET PLANT GROWTH REQUIREMENTS.
- BIORETENTION AREAS TO BE PLANTED WITH PLUGS, 1' ON CENTER.
- A PERSON TRAINED AND EXPERIENCED IN THE CONSTRUCTION, OPERATION AND MAINTENANCE OF INFILTRATION DEVICES SHALL BE RESPONSIBLE FOR CONSTRUCTION OF THE DEVICE. THE FOLLOWING APPLY:
 A. CONSTRUCTION SHALL BE SUSPENDED DURING PERIODS OF RAINFALL OR SNOWMELT. CONSTRUCTION SHALL REMAIN SUSPENDED IF PONDED WATER IS PRESENT OR IF RESIDUAL SOIL MOISTURE CONTRIBUTES SIGNIFICANTLY TO THE POTENTIAL FOR SOIL SMEARING, CLUMPING OR OTHER FORMS OF COMPACTION.
 B. COMPACTION AVOIDANCE - COMPACTION AND SMEARING OF THE SOILS BENEATH THE FLOOR AND SIDE SLOPES OF THE INFILTRATION AREA, AND COMPACTION OF THE SOILS USED FOR BACKFILL IN THE SOIL PLANTING BED, SHALL BE MINIMIZED. DURING SITE DEVELOPMENT, THE AREA DEDICATED TO THE INFILTRATION DEVICE SHALL BE CORDONED OFF TO PREVENT ACCESS BY HEAVY EQUIPMENT. ACCEPTABLE EQUIPMENT FOR CONSTRUCTING THE INFILTRATION DEVICE INCLUDES EXCAVATION HOES, LIGHT EQUIPMENT WITH TURF TYPE TIRES, MARSH EQUIPMENT OR WIDE-TRACK LOADERS.
 C. IF COMPACTION OCCURS AT THE BASE OF THE INFILTRATION DEVICE, THE SOIL SHALL BE REFRACTURED TO A DEPTH OF AT LEAST 12 INCHES. IF SMEARING OCCURS, THE SMEARED AREAS OF THE INTERFACE SHALL BE CORRECTED BY RAKING OR ROTO-TILLING.
 D. PLACEMENT AND SETTLING OF ENGINEERED SOIL - THE FOLLOWING APPLY:
 1. PRIOR TO PLACEMENT IN THE INFILTRATION DEVICE, THE ENGINEERED SOIL SHALL BE PREMIXED AND THE MOISTURE CONTENT SHALL BE LOW ENOUGH TO PREVENT CLUMPING AND COMPACTION DURING PLACEMENT.
 2. THE ENGINEERED SOIL SHALL BE PLACED IN MULTIPLE LIFTS, EACH APPROXIMATELY 9 INCHES IN DEPTH.
 3. STEPS MAY BE TAKEN TO INDUCE MILD SETTLING OF THE ENGINEERED SOIL BED AS NEEDED TO PREPARE A STABLE PLANTING MEDIUM AND TO STABILIZE THE PONDED DEPTH. VIBRATING PLATE-STYLE COMPACTORS SHALL NOT BE USED TO INDUCE SETTLING.

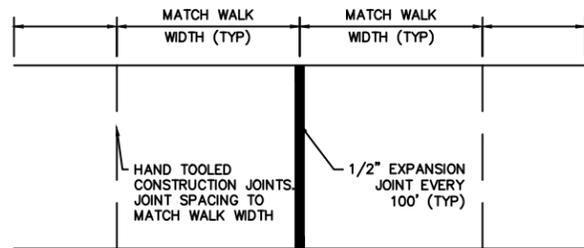


5 STONE WEEPER
 C500 NTS

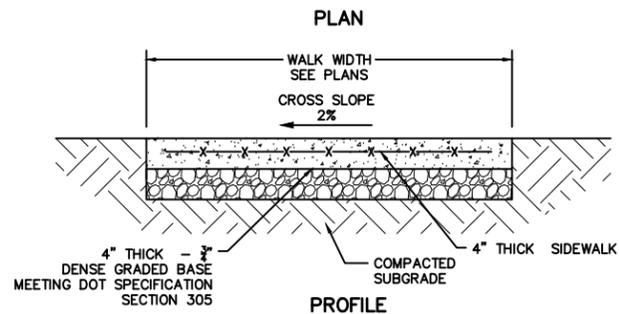
ISSUANCE/REVISION
 DATE
 09-26-16
 10-13-16
 SITE PLAN APPROVAL
 REVISION 1
 818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129
PROFESSIONAL ENGINEERING LLC

PAULSON ROAD DUPLEXES
STORMWATER DETAILS
 5401 PAULSON ROAD
 MCFARLAND, WISCONSIN

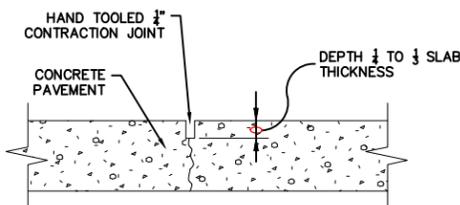
C500



NOTES:
1. COMPACT SUBGRADE TO 95% MOD. PROCTOR

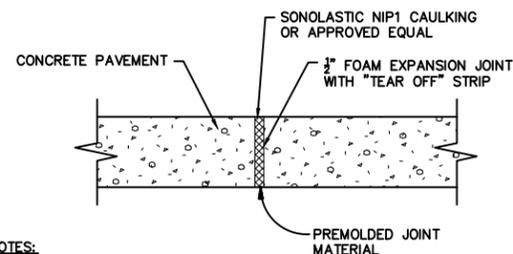


1 **SIDEWALK SECTION**
C501 NTS



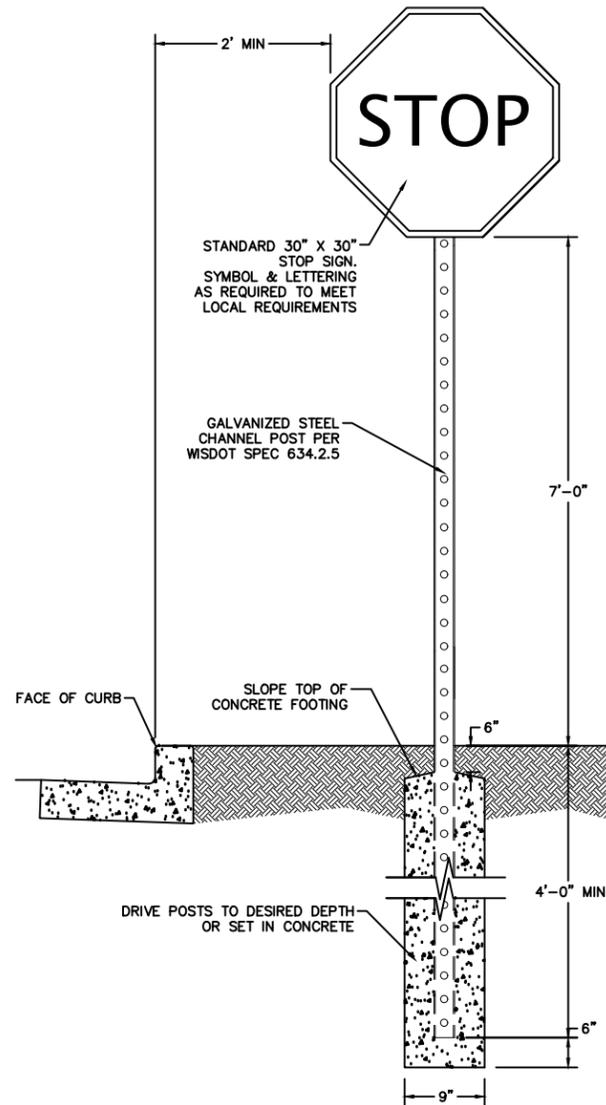
NOTES:
1 ALL JOINTS TO BE TOOLED WITH 1/2" RADIUS UNLESS SAW CUT
2. DO NOT SEAL OR FILL CONTRACTION JOINTS.

2 **CONTRACTION JOINT**
C501 NTS

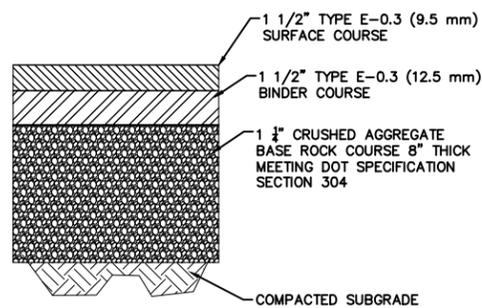


NOTES:
1 ALL JOINTS TO BE TOOLED WITH 1/2" RADIUS UNLESS SAW CUT
2. PLACE WHERE INDICATED OR WHERE PAVEMENT ABUTS FOUNDATIONS, CURBS COLUMNS OR OTHER IMMOVABLE OBJECTS, OR WHERE OPERATIONS ARE STOPPED FOR MORE THAN 1/2 HOUR. PLACE IN MANNER CONSISTENT WITH CONTROL JOINT LAYOUT.
3. CAULKING OF ALL EXTERIOR SITE WORK BY SITE CONTRACTOR.

3 **EXPANSION JOINT - SECTION**
C501 NTS



4 **STOP SIGN**
C501 NTS



5 **PAVEMENT SECTION**
C501 NTS

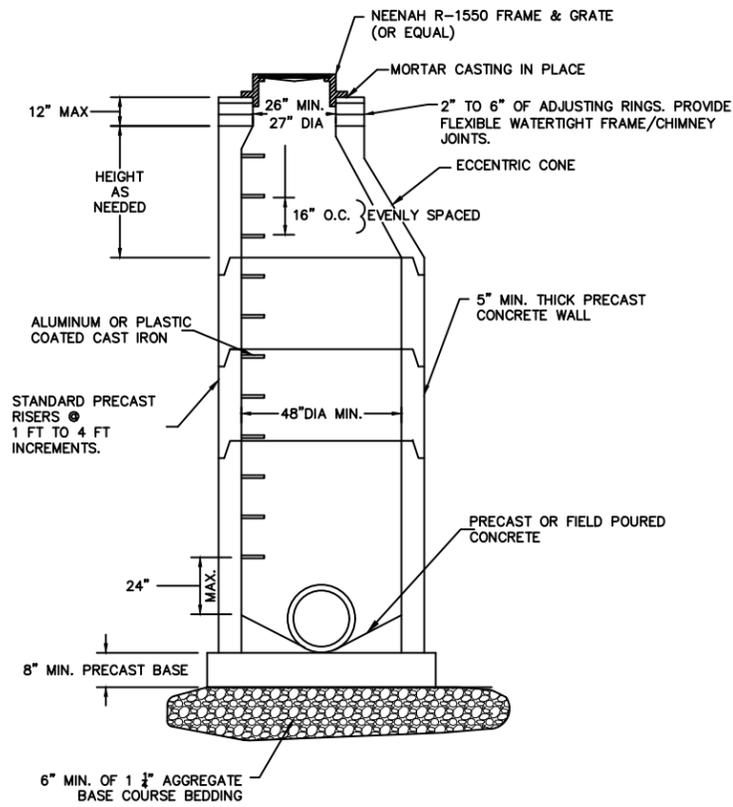
ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
Waukegan, WI 53597
phone (608) 849-9378
fax (608) 237-2129

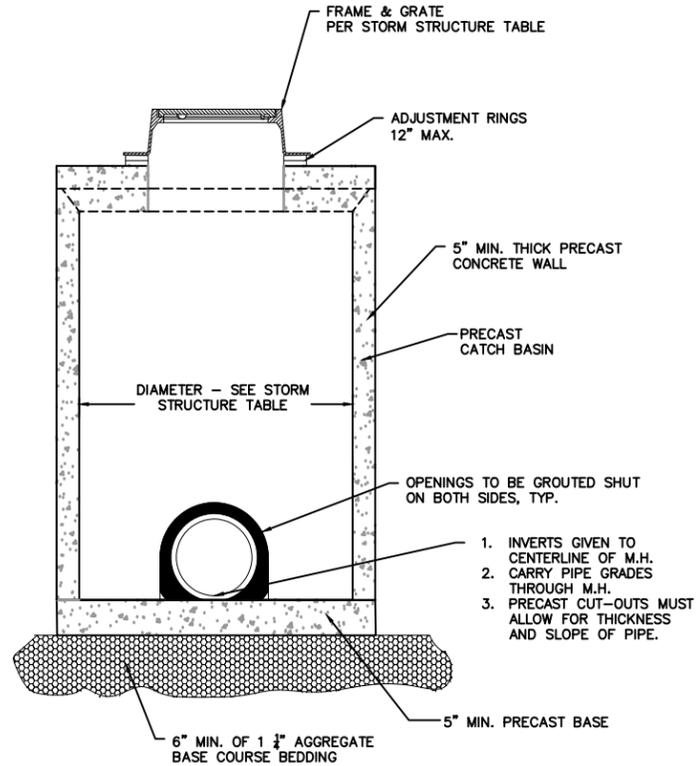


PAULSON ROAD DUPLEXES
SITE DETAILS
5401 PAULSON ROAD
MCFARLAND, WISCONSIN

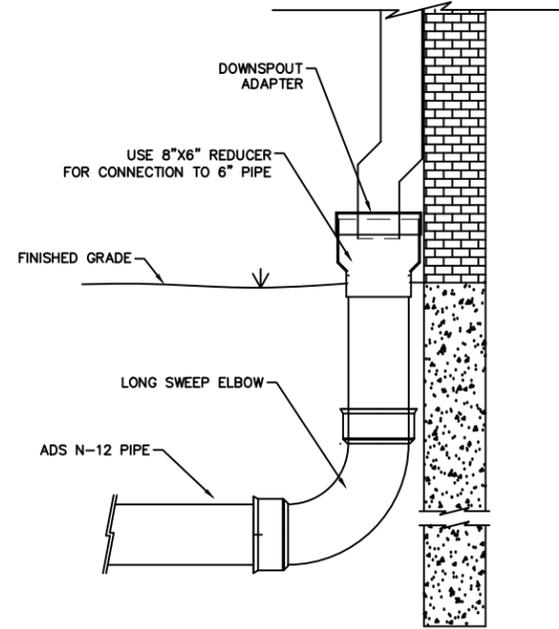
C501



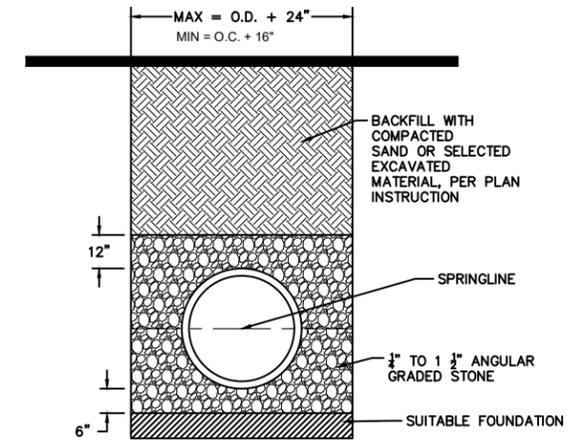
1 SANITARY MANHOLE
C502 NTS



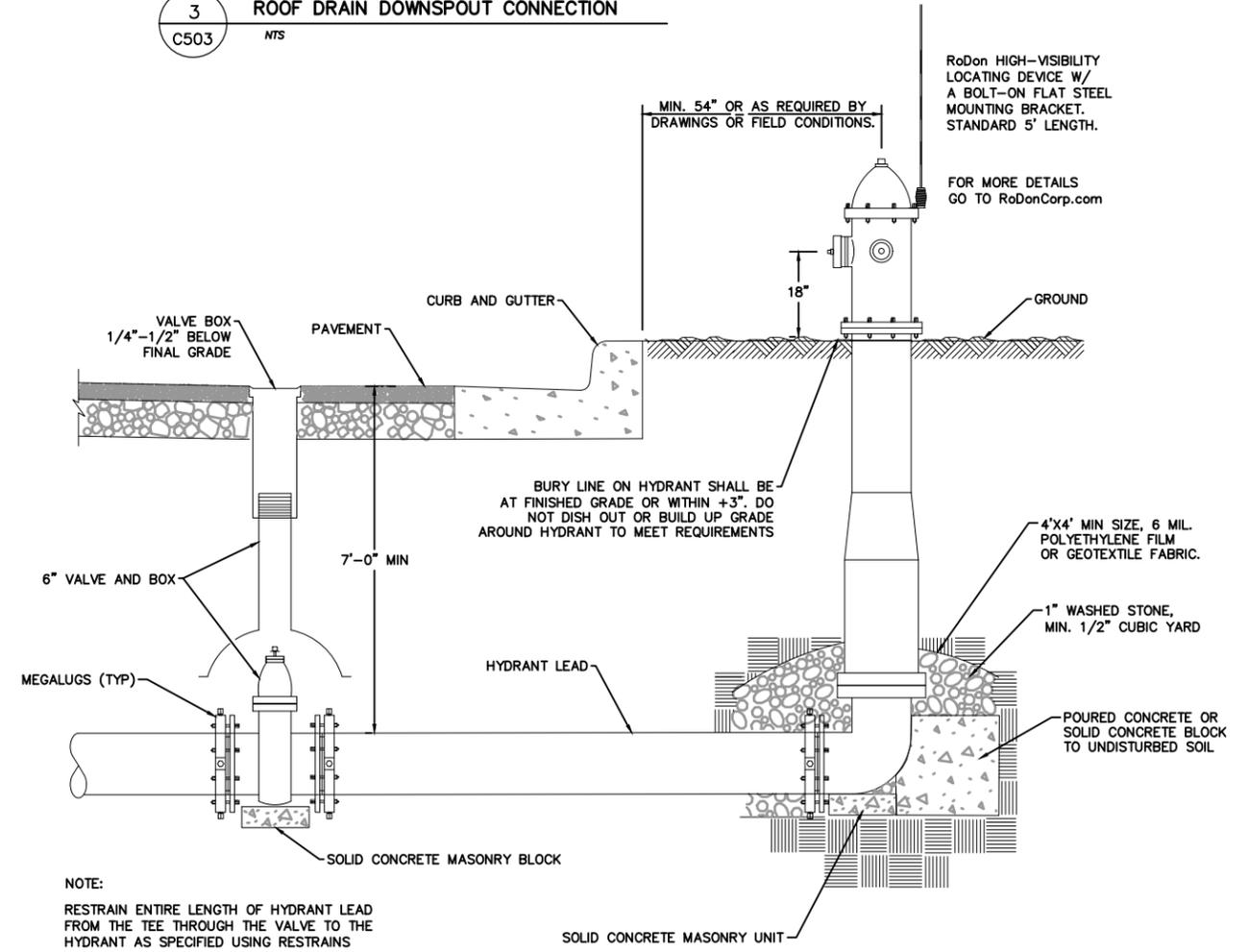
2 STORM CATCH BASIN DETAIL
C502 NTS



3 ROOF DRAIN DOWNSPOUT CONNECTION
C503 NTS

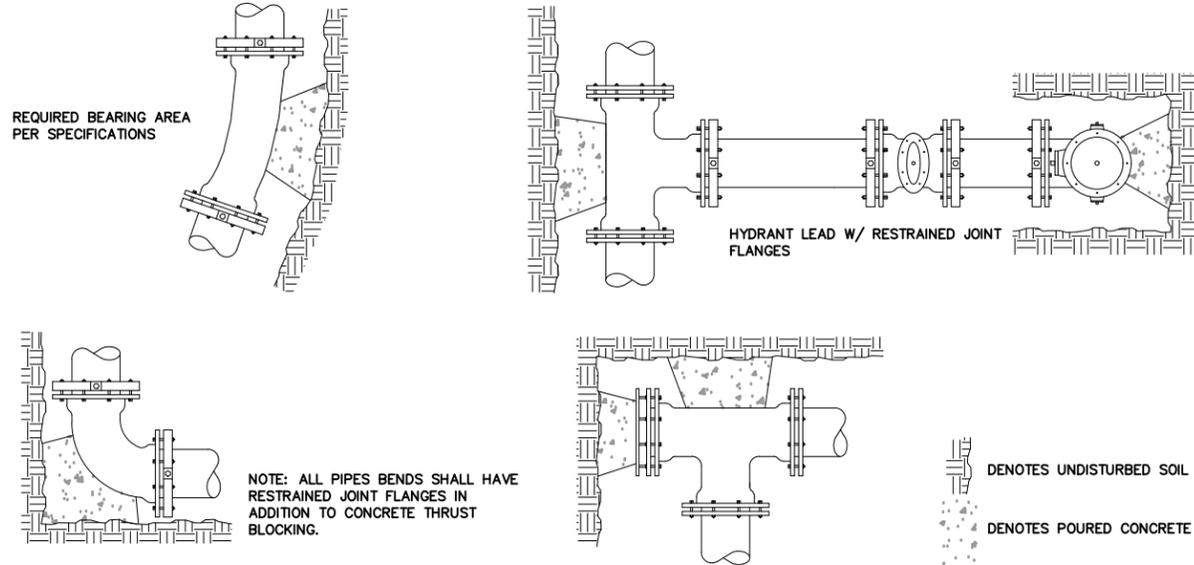


4 PVC OR HDPE BEDDING DETAIL
C502 NTS



NOTE:
RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING RESTRAINS

5 TYPICAL HYDRANT INSTALLATION
C502 NTS



4 STANDARD THRUST BLOCKING
C502 NTS

ISSUANCE/REVISION	DATE
SITE PLAN APPROVAL	09-26-16
REVISION 1	10-13-16

818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

PAULSON ROAD DUPLEXES
SITE DETAILS
5401 PAULSON ROAD
MCFARLAND, WISCONSIN

C502

REVENUES

UTILITY FUND - FUND 600

Budget Summary

Non-Operating Income	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4210	Water: Non Operating Income	14,951	20,000	21,776	29,500	16,902	-15.49%
4211	Sewer: Non Operating Income	8,367	0	0	0	0	-----
4212	Loss on Retirement	0	0	0	0	0	-----
4213	Impact Fees - Water	0	0	13,104	20,749	28,393	-----
4214	Impact Fees - Sewer	0	0	32,372	51,256	70,140	-----
4221	Contributions from TIF	0	0	0	0	0	-----
4250	Misc. Amortization Regulatory	0	0	0	0	0	-----
Total NON-OPERATING INCOME Rev		23,318	20,000	67,252	101,505	115,435	477.18%

Sewer Sales Revenue	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4560	Flat Rate Service - Residential	1,947	2,000	982	2,000	2,000	0.00%
4561	Flat Rate Service - Commercial	91	100	42	100	100	0.00%
4562	Measured Service - Residential	145,341	149,000	72,270	178,000	180,000	20.81%
4563	Measured Service - Commercial	799,692	828,000	393,558	890,000	892,000	7.73%
4564	Public Authority - Sewer	18,433	16,000	9,377	20,000	20,000	25.00%
4570	Forfeited Discounts - Sewer	8,691	6,000	2,911	8,500	9,000	50.00%
Total SEWER SALES Revenue		974,194	1,001,100	479,140	1,098,600	1,103,100	10.19%

Water Sales Revenue	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4640	Unmetered sales to General Customer	5,713	1,800	356	1,000	1,500	-16.67%
4641	Metered Sales - Residential	486,556	483,042	218,108	492,000	494,000	2.27%
4642	Metered Sales - Commercial	61,070	59,110	27,917	66,000	84,000	42.11%
4643	Public Fire Protection - Water	312,271	315,000	156,600	313,200	313,200	-0.57%
4644	Public Authority - Water	14,570	13,581	6,822	14,500	15,500	14.13%
4645	Private Fire Protection - Water	33,486	32,711	16,197	32,711	33,000	0.88%
4646	Metered Sales - Multi-Family	37,522	34,851	16,207	38,000	38,000	9.04%
4650	Forfeited Discounts - Water	5,626	3,846	1,718	6,000	6,000	56.01%
4651	Misc. Service Revenues - Water	0	4,000	0	0	0	-100.00%
4652	Other Water Revenues	116,388	107,153	46,298	105,000	105,000	-2.01%
4699	Miscellaneous Revenue	4,000	0	0	0	0	-----
Total WATER SALES Revenue		1,077,202	1,055,094	490,223	1,068,411	1,090,200	3.33%

REVENUES
UTILITY FUND - FUND 600

Miscellaneous Revenues	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4810	Miscellaneous Revenue - Sewer	12,560	1,000	0	500	500	-50.00%
4811	Interest Income - Sewer	98	100	41	100	100	0.00%
4812	Interest Income - Water	985	851	1,541	2,000	2,000	135.02%
4813	Interest Income - Impact Fees	279	240	506	750	750	212.50%
	Total MISCELLANEOUS Revenue	13,921	2,191	2,088	3,350	3,350	52.90%

Source 49	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4920	Unamortized Debt Discount	0	0	0	0	0	-----
	Total SOURCE 49 Revenue	0	0	0	0	0	-----

Total Budget Revenues	2,088,636	2,078,385	1,038,703	2,271,866	2,312,085	11.24%
------------------------------	------------------	------------------	------------------	------------------	------------------	---------------

SEWER UTILITY FUND - FUND 600

MISSION STATEMENT:

To provide efficient and high quality sanitary sewer service to the Village Utility customers while holding costs and minimizing impacts to the residents.

PROGRAM DESCRIPTION:

The Sanitary Sewer Utility provides sanitary sewer services to the properties within the Village. The sewer mains connect to nearly every building throughout the Village in order to convey the wastewater to the Madison Metropolitan Sewerage District for treatment. The Utility has 1/3 of the main lines cleaned and televised on a yearly basis with the intent of keeping the sewer lines clean and functional for all users.

PROGRAM OBJECTIVES:

Continue to improve efficiency through billing and collection system in online program.

Review and consider options for management and mitigation of wastewater treatment standards.

SEWER BUDGET SUMMARY

REVENUES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
Allocated Revenues	0	52,569	0	0	24,468	-53.46%
4211 Sewer: Non Operating Income	8,367	0	0	0	0	-----
4214 Impact Fees - Sewer	0	0	32,372	51,256	70,140	-----
4560 Flat Rate Service - Residential	1,947	2,000	982	2,000	2,000	0.00%
4561 Flat Rate Service - Commercial	91	100	42	100	100	0.00%
4562 Measured Service - Residential	145,341	149,000	72,270	178,000	180,000	20.81%
4563 Measured Service - Commercial	799,692	828,000	393,558	890,000	892,000	7.73%
4564 Public Authority - Sewer	18,433	16,000	9,377	20,000	20,000	25.00%
4570 Forfeited Discounts - Sewer	8,691	6,000	2,911	8,500	9,000	50.00%
4810 Miscellaneous Revenue - Sewer	12,560	1,000	0	500	500	-50.00%
4811 Interest Income - Sewer	98	100	41	100	100	0.00%
Total Revenue	995,219	1,054,769	511,553	1,150,456	1,198,308	13.61%

Notes:

4214 New account for the impact fees paid to new development abutting Holscher Road.

4560 - Similar to the valuation increases seen in the General Fund, new construction adds customers to the utility that increases the amount of water that has to be treated. This increases the revenue needed to offset the corresponding cost to treat the water prior to its discharge.

SEWER (continued)
UTILITY FUND - FUND 600

EXPENDITURES

SEWER TRANSPORTATION

		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
56-0020							
151	Social Security	621	0	53	250	250	-----
152	Fringe Benefits	2,179	0	115	500	500	-----
820	MMSD Treatment Charges	490,466	529,000	147,087	529,000	575,000	8.70%
821	Power Purchased for Pumping	3,995	4,700	2,836	4,700	5,000	6.38%
827	Supplies and Expenses	190	500	218	500	500	0.00%
828	Transportation Expenses	16,703	20,000	10,530	17,000	20,000	0.00%
Total SEWER TRANS Expense		514,154	554,200	160,838	551,950	601,250	8.49%

Notes:

- 820** All of the Village's wastewater is conveyed through a system of pipes to MMSD where it is treated and returned to the drainage basin. The Village contracts with MMSD to share in the cost for wastewater treatment as a means to save from having to building our own treatment facility. This facility is shared with the City of Madison, Middleton, Monona, Fitchburg, and others in the area. They are governed by a separate board whom allocates the revenue collected to pay for the expenses to operate the facility.
- 821** Not all of the Village's system is entirely gravity fed and some pumping is required through lift stations to move wastewater through the system where elevation is an issue.

SEWER MAINTENANCE

		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
56-0030							
151	Social Security	2,031	3,869	910	2,300	2,300	-40.55%
152	Fringe Benefits	3,511	12,398	2,059	3,000	3,500	-71.77%
831	EE Maint-Sewerage Collections	36,100	37,500	22,399	37,000	37,500	0.00%
832	EE Maintenance - Pumping Equip	29,632	65,361	30,530	45,000	45,000	-31.15%
834	Maintenance - General Plant	1,155	5,000	395	5,100	5,100	2.00%
835	Maintenance - Sewer Collections	0	0	637	637	0	-----
Total SEWER MAINTENANCE Expense		72,429	124,128	56,930	93,037	93,400	-24.76%

Notes:

- 151 -** Administration and Public Works Staff as well as the Village Board have a portion of their costs for Social Security and
- 152** Fringe Benefits charged to the Sewer portion of the Utility Fund to account for the cost spent on Sewer related responsibilities. This is the same throughout the Utilities Budget and the actual percentages of distribution can be found within the Personnel Expenses of the General Fund (100).
- 831 -** A lot of the time spent by Public Works Staff relates to cleaning the sewer on a rotational basis, eliminating known
- 832** blockages, keeping the pumps operational, and televising the lines to monitor for deterioration. The budgeted expense is based on a proportionate share of expected time to complete these tasks. The anticipated reduction is put forth to better align the actual costs with budgeted projections. Also includes the cost of hiring contractors to assist Staff in maintenance needs.

SEWER (continued)
UTILITY FUND - FUND 600

EXPENDITURES (continued)

SEWER BILLINGS

		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
56-0040							
151	Social Security	2,227	2,058	1,381	1,500	600	-70.85%
152	Fringe Benefits	10,535	8,301	6,705	9,000	600	-92.77%
840	Billing and Accounting	30,844	23,687	20,082	23,600	7,500	-68.34%
842	Meter Reading Labor	464	2,033	293	500	500	-75.41%
844	Maint/Test of Meters	0	6,300	0	6,300	6,300	0.00%
Total SEWER BILLINGS Expense		44,070	42,379	28,462	40,900	15,500	-63.43%

Notes:

840 Billing and collections is a combined effort between the part-time Utility Clerk and Finance Director to properly distribute bills and then accurately collection the payments. This line item is provided to pay for a portion of the costs for these two positions as appropriate.

SEWER ADMINISTRATION

		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
56-0050							
151	Social Security	2,908	2,700	1,357	2,900	2,960	9.63%
152	Fringe Benefits	6,087	14,545	3,021	6,000	10,155	-30.18%
850	Admin & General Salaries	38,960	53,676	18,214	38,000	38,702	-27.90%
851	Admin Office Supplies & Exp	6,064	5,000	2,518	5,000	5,000	0.00%
852	Outside Services	20,257	29,000	23,928	29,000	29,000	0.00%
853	Insurance Expenses	21,205	24,000	1,299	24,000	54,058	125.24%
854	Retiree HRA Contributions	4,407	10,000	0	10,000	10,000	0.00%
857	Rents	63,354	63,360	31,677	63,360	63,360	0.00%
Total SEWER ADMINISTRATION Expense		163,243	202,281	82,015	178,260	213,235	5.42%

Notes:

850 These expenses represent the portion of wages dedicated to Sewer for the Administrator/Treasurer, Clerk/Deputy Treasurer, Finance Director, Village Board, and Administrative Office Staff in order to account for their time spent on related management of the Utility.

852 Funds are provided for use on consultants (i.e. Village Engineer) to assist in the management of the system.

853 Large increase for 2017 mainly due to expected Worker's Compensation cost and changes to the distribution.

857 The Utility functions through the use of Public Works Staff of which it pays for their time, but also requires the use of facilities owned by the General Fund. This line item provides payment to that fund to account for its fair share of the cost of this asset.

SEWER (continued)
UTILITY FUND - FUND 600

EXPENDITURES (continued)

MISCELLANEOUS SEWER

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
56-0060							
403	Depreciation Expense	95,705	96,000	48,000	48,000	96,000	0.00%
428	Amortization - Sewer	0	1,460	0	1,460	1,460	0.00%
Total MISCELLANEOUS SEWER Expense		95,705	97,460	48,000	49,460	97,460	0.00%

Notes:

- 403** Depreciation costs are expensed in the operating budget in order to account for the decrease in value of the sewer assets over time. This helps to build the reserves in order to maintain an appropriate level of cash flow and fund future projects to replace the same assets offsetting the need for borrowing.

DEPARTMENT 80

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
56-0080							
427	Debt Interest	11,502	32,321	21,090	32,321	22,463	-30.50%
437	Debt Principal	0	0	0	0	130,000	-----
Total DEPARTMENT 80 Expense		11,502	32,321	21,090	32,321	152,463	371.71%

Notes:

- 427 -** Annual principal and interest payment on debt service related to sewer capital projects. Payment in 2016 was interest
437 only followed by the first principal and interest payment in 2017.

SEWER CONTINGENCY

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
56-0090							
160	Operating Contingency	3,298	2,000	981	2,000	25,000	1150.00%
Total SEWER CONTINGENCY Expense		3,298	2,000	981	2,000	25,000	1150.00%

Notes:

- 160** A small contingency is provided for to pay for unanticipated expenses within the operating year.

Total SEWER Expenditures	904,401	1,054,769	398,315	947,928	1,198,308	13.61%
---------------------------------	----------------	------------------	----------------	----------------	------------------	---------------

WATER

UTILITY FUND - FUND 600

MISSION STATEMENT:

To provide efficient and high quality water service to the Village Utility customers while holding costs and minimizing impacts to the residents.

PROGRAM DESCRIPTION:

The Water Utility provides drinking water service to the residents of the Village. The Utility tests the water on a daily, weekly, monthly, and yearly basis as required by the Department of Natural Resources. The water mains connect to nearly every building throughout the Village. The Utility flushes all water mains throughout the Village on a year basis, turns one third of all the water main valves annually, and monitors condition of the pipes in order to provide quality drinking water to its customers.

PROGRAM OBJECTIVES:

Continue to improve efficiency through billing and collection system in online program.

Limit or prevent all service outages as available and practicable through the capital improvement program and responsive service to main breaks.

WATER BUDGET SUMMARY

REVENUES		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
	Allocated Revenues	0	0	0	0	0	-----
4210	Water: Non Operating Income	14,951	20,000	21,776	29,500	16,902	-15.49%
4213	Impact Fees - Water	0	0	13,104	20,749	28,393	-----
4640	Unmetered sales to General Customer	5,713	1,800	356	1,000	1,500	-16.67%
4641	Metered Sales - Residential	486,556	483,042	218,108	492,000	494,000	2.27%
4642	Metered Sales - Commercial	61,070	59,110	27,917	66,000	84,000	42.11%
4643	Public Fire Protection - Water	312,271	315,000	156,600	313,200	313,200	-0.57%
4644	Public Authority - Water	14,570	13,581	6,822	14,500	15,500	14.13%
4645	Private Fire Protection - Water	33,486	32,711	16,197	32,711	33,000	0.88%
4646	Metered Sales - Multi-Family	37,522	34,851	16,207	38,000	38,000	9.04%
4650	Forfeited Discounts - Water	5,626	3,846	1,718	6,000	6,000	56.01%
4651	Misc. Service Revenues - Water	0	4,000	0	0	0	-100.00%
4652	Other Water Revenues	116,388	107,153	46,298	105,000	105,000	-2.01%
4699	Miscellaneous Revenue	4,000	0	0	0	0	-----
4812	Interest Income - Water	985	851	1,541	2,000	2,000	135.02%
	Total Revenue	1,093,139	1,075,945	526,644	1,120,660	1,137,495	5.72%

Notes:

4213 New account for the impact fees paid to new development abutting Holscher Road.

4641 - Each property within the Village that is hooked up to the water system has a water meter to track their usage. Customers pay a fixed charge, consumption charge, and for public fire protection. All rates are set by the Public Service Commission upon application by the Village for a change in rate structure. These charges are coded and classified differently based on the property's use.

4652 Revenue collected from cellular companies for leasing space on the water tower for their antennas.

WATER (continued)
UTILITY FUND - FUND 600

EXPENDITURES

WATER SUPPLY

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
57-0020							
151	Social Security	66	0	0	50	50	-----
152	Fringe Benefits	989	0	0	500	500	-----
600	EE Operation Labor	868	0	0	500	750	-----
603	Supplies and Testing	0	6,000	0	6,000	6,000	0.00%
605	Well #2 Remediation	0	0	0	0	0	-----
Total WATER SUPPLY Expense		1,922	6,000	0	7,050	7,300	21.67%

Notes:

- 151 -** Administration and Public Works Staff as well as the Village Board have a portion of their costs for Social Security and **152** Fringe Benefits charged to the Water portion of the Utility Fund to account for the cost spent on Water related responsibilities. This is the same throughout the Utilities Budget and the actual percentages of distribution can be found within the Personnel Expenses of the General Fund (100).
- 600** The Water Supply is accessed through high capacity wells that pump the water from several hundred feet below ground into the system. All of this work is done through the pumps and there is a small amount of labor to oversee what is mostly an automated system.

WATER PUMPING

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
57-0030							
151	Social Security	3,052	2,000	1,207	2,500	3,000	50.00%
152	Fringe Benefits	5,914	6,409	2,591	5,000	5,000	-21.98%
620	EE Operation Labor	20,509	25,000	15,945	20,000	20,000	-20.00%
622	Power for Pumping	39,698	39,000	20,109	40,000	40,000	2.56%
623	Supplies and Expenses	2,829	6,000	1,093	6,000	6,000	0.00%
625	Maint. Of Pumping Plant	11,786	7,000	1,010	7,000	6,500	-7.14%
Total WATER PUMPING Expense		83,788	85,409	41,956	80,500	80,500	-5.75%

Notes:

- 620** Labor costs associated with maintaining the pumps so that water is continually accessing the system.

WATER (continued)
UTILITY FUND - FUND 600

EXPENDITURES (continued)

WATER TREATMENT

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
57-0040							
151	Social Security	537	240	137	500	500	108.33%
152	Fringe Benefits	1,710	769	719	1,000	1,000	30.04%
630	EE - Operation Labor	3,465	3,000	1,836	3,600	3,000	0.00%
631	Chemicals	10,405	14,000	4,730	14,000	14,000	0.00%
635	Maint. Of Water Treatment Plant	8,494	4,000	2,205	4,000	4,000	0.00%
Total WATER TREATMENT Expense		24,610	22,009	9,627	23,100	22,500	2.23%

TRANSMISSION AND DISTRIBUTION

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
57-0050							
151	Social Security	5,029	1,629	1,948	4,000	5,000	206.94%
152	Fringe Benefits	11,954	5,220	5,952	11,000	12,000	129.89%
640	EE - Operation Labor	18,349	20,360	10,893	15,000	15,000	-26.33%
641	Operation Supplies and Expenses	2,540	3,000	2,552	3,100	3,100	3.33%
650	Tower Painting and Reserve	0	27,500	0	27,500	27,500	0.00%
651	EE Maintenance - Mains	25,967	30,000	12,763	24,000	25,000	-16.67%
652	EE Maintenance - Services	11,183	17,000	6,060	12,000	12,000	-29.41%
653	EE Maintenance - Meters	5,836	6,400	2,116	4,000	6,000	-6.25%
654	EE Maintenance - Hydrants	11,577	16,500	6,572	12,000	14,000	-15.15%
Total TRANSMISSION AND DIST. Expense		92,434	127,609	48,856	112,600	119,600	-6.28%

Notes:

- 651** - These accounts represent the main accounts for Village Staff to maintain and distribute water throughout the system including to homes, businesses, and for fire protection. Labor spent on the maintenance of mains, services, meters, and hydrants varies from year to year.
- 654**

WATER (continued)
UTILITY FUND - FUND 600

EXPENDITURES (continued)

METER READINGS

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
57-0060							
151	Social Security	2,566	1,655	1,452	1,500	600	-63.75%
152	Fringe Benefits	11,929	8,301	7,305	7,500	600	-92.77%
901	Meter Reading Labor	481	1,937	360	500	500	-74.19%
902	Accounting and Collections Labor	33,120	20,687	20,092	20,000	7,500	-63.75%
903	Supplies and Expenses Cust Accounts	9,788	3,200	952	3,200	3,185	-0.47%
Total METER READINGS Expense		57,884	35,780	30,160	32,700	12,385	-65.39%

Notes:

902 Represents a portion of the labor costs for the part-time Utility Clerk position.

WATER ADMINISTRATION

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
57-0070							
151	Social Security	4,060	5,340	1,762	3,250	3,224	-39.63%
152	Fringe Benefits	9,525	18,103	4,043	10,000	11,115	-38.60%
920	Admin and General Salaries	46,868	66,749	23,605	46,000	42,136	-36.87%
921	Admin Office Supplies and Expenses	3,598	7,500	1,410	7,500	7,500	0.00%
923	Outside Services	20,954	40,000	32,488	40,000	40,000	0.00%
924	Insurance Expenses	38,007	43,945	2,706	30,000	30,702	-30.14%
926	Retiree HRA Contributions	4,605	10,000	0	10,000	10,000	0.00%
928	Regulatory Commission Expenses	0	1,500	0	1,500	1,500	0.00%
930	Misc. General Expenses	37,313	35,000	22,984	35,000	35,000	0.00%
933	Transportation Expenses	16,020	30,000	9,477	27,000	35,000	16.67%
Total WATER ADMINISTRATION Expense		180,948	258,137	98,475	210,250	216,177	-16.25%

Notes:

920 Includes a portion of the wages for the Administrator/Treasurer, Clerk/Deputy Treasurer, Finance Director, and other municipal support Staff. Funding is allocated to the Utility for these positions to account for Staff responsibilities in bill payments, deposits, budget development, and other special projects.

923 Funding is provided for engineering, auditing, and other consultants as needed.

924 Water shares in the expenses for Village insurance as a means to provide coverage for its assets.

WATER (continued)
UTILITY FUND - FUND 600

EXPENDITURES (continued)

MISCELLANEOUS WATER		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
57-0080							
395	Bad Debt Expense	500	0	0	0	0	-----
403	Depreciation Expense	149,167	145,200	65,400	145,200	145,200	0.00%
408	Taxes - Water Dept	(5,040)	0	(3,000)	0	0	-----
409	Transfer - Tax Equivalent	210,764	230,000	0	230,000	230,000	0.00%
427	Debt Interest	1,252	38,728	25,270	38,728	26,915	-30.50%
	Debt Principal	0	0	0	0	155,000	-----
430	Interest (Short Term Debt) - Water	13,785	0	0	0	0	-----
500	Debt Issuance Expense	31,163	0	0	0	0	-----
Total MISCELLANEOUS WATER Expense		401,591	413,928	87,670	413,928	557,115	34.59%

Notes:

403 Depreciation costs are expensed in the operating budget in order to account for the decrease in value of the water assets over time. This helps to build the reserves in order to maintain an appropriate level of cash flow and fund future projects to replace the same assets offsetting the need for borrowing.

409 The Public Service Commission requires the Water Utility to pay a fair share of its taxes if it were not a tax exempt land use. This amount is determined by the Auditor and approved by the PSC as a transfer from the Utility Fund to the General Fund.

427 - Annual principal and interest payment on debt service related to water capital projects. Payment in 2016 was interest ??? only followed by the first principal and interest payment in 2017.

DEPARTMENT 81		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
57-0081							
403	Depreciation Expense on CIAC	76,539	73,200	37,800	73,200	73,200	0.00%
Total DEPARTMENT 81 Expense		76,539	73,200	37,800	73,200	73,200	0.00%

Notes:

403 Depreciation costs are expensed in the operating budget in order to account for the decrease in value of the water assets over time. This helps to build the reserves in order to maintain an appropriate level of cash flow and fund future projects to replace the same assets offsetting the need for borrowing.

WATER CONTINGENCY		2015	2016	YTD	2016	2017	% Change
		Actual	Budget	6/30/2016	Projected	Budget	vs. 2016
57-0090							
160	Operating Contingency	51	2,000	0	2,000	25,000	1150.00%
Total WATER CONTINGENCY Expense		51	2,000	0	2,000	25,000	1150.00%

Notes:

160 A small contingency is provided for to pay for unanticipated expenses within the operating year.

Total WATER Expenditures	919,769	1,024,072	354,545	955,328	1,113,777	8.76%
---------------------------------	----------------	------------------	----------------	----------------	------------------	--------------

Village of McFarland
2017 Utility Fund Operating Budget

SUMMARY of REVENUES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
Non-Operating Income	23,318	20,000	67,252	101,505	115,435	477.18%
Sewer Sales Revenue	974,194	1,001,100	479,140	1,098,600	1,103,100	10.19%
Water Sales Revenue	1,077,202	1,055,094	490,223	1,068,411	1,090,200	3.33%
Miscellaneous Revenues	13,921	2,191	2,088	3,350	3,350	52.90%
Source 49	0	0	0	0	0	-----
Total Budget Revenue	2,088,636	2,078,385	1,038,703	2,271,866	2,312,085	11.24%

SUMMARY of EXPENDITURES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
SEWER	904,401	1,054,769	398,315	947,928	1,198,308	13.61%
WATER	919,769	1,024,072	354,545	955,328	1,113,777	8.76%
Total Budget Expenditures	1,824,170	2,078,841	752,860	1,903,256	2,312,085	11.22%

Difference in Revenues over Expenditures	264,467	(456)	285,843	368,610	0
--	----------------	--------------	----------------	----------------	----------

Village of McFarland
2017 Stormwater Utility Fund Operating Budget

SUMMARY of REVENUES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
Fees	461,542	513,281	241,444	517,750	528,000	2.87%
Taxes	0	0	0	0	0	-----
Intergovernmental Aid	11,452	11,036	7,745	16,994	20,153	82.61%
Permits	9,620	4,250	7,990	14,250	14,250	235.29%
Public Charges for Services	8,960	11,300	8,405	10,000	10,000	-11.50%
Other Financing Sources	6,667	1,600	1,114	5,000	5,000	212.50%
Total Budget Revenue	498,242	541,467	266,699	563,994	577,403	6.64%

SUMMARY of EXPENDITURES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
STORMWATER MANAGEMENT	369,946	546,937	201,254	491,333	577,403	5.57%
Total Budget Expenditures	369,946	546,937	201,254	491,333	577,403	5.57%

Difference in Revenues over Expenditures **128,296** **(5,470)** **65,445** **72,661** **0**

REVENUES
STORMWATER UTILITY FUND - FUND 650

Budget Summary

Fees	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4040	STW: User Charges	458,840	510,281	240,247	515,000	525,000	2.88%
4070	Forfeited Discounts - STW	2,703	3,000	1,198	2,750	3,000	0.00%
Total FEES Revenue		461,542	513,281	241,444	517,750	528,000	2.87%

Notes:

4040 Each property is charged a fee for their share in the expense of the stormwater utility similar to charges for service in other utilities. The fee is recommended to stay the same but collections should increase slightly due to new development.

Taxes	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4111	Property Taxes	0	0	0	0	0	-----
Total TAXES Revenue		0	0	0	0	0	-----

Intergovernmental Aid	

		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
4210	State/County Grants	0	0	0	0	0	-----
4213	Impact Fees - Stormwater	0	0	3,763	5,958	8,153	-----
4221	Transfer In	0	0	0	0	0	-----
4279	Monona Portion - Bldg Insp.	11,452	11,036	3,982	11,036	12,000	8.74%
Total INTERGOVERNMENTAL AID Rev		11,452	11,036	7,745	16,994	20,153	82.61%

Notes:

4279 A portion of the cost of the Building Inspector is charged to the Utility and to offset some of this expense, some of the revenue received from Monona to share in the position is deposited into the fund.

STORMWATER MANAGEMENT

STORMWATER UTILITY FUND - FUND 650

MISSION STATEMENT:

The Stormwater Utility strives to properly manage the conveyance and treatment of stormwater for the protection of property and the environment as may be necessary and feasible.

PROGRAM DESCRIPTION:

The Stormwater Utility provides an infrastructure through out the Village with the goal of obtaining maximum water quality clean up before the water enters our lakes, rivers, and streams. The Utility also evaluates the system to try to improve the management of storm water quantity, as it effects the lands through out the Village.

PROGRAM OBJECTIVES:

Review and study opportunities to improve stormwater conveyance.

Review all new developments to ensure compliance with Village Ordinance on stormwater management.

STORMWATER MANAGEMENT BUDGET SUMMARY

REVENUES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
Allocated Revenues	369,946	546,937	201,254	491,333	577,403	5.57%

EXPENDITURES

PERSONNEL EXPENSES

	2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
53-3040						
110 Salaries	95,508	130,524	46,236	100,000	120,746	-7.49%
112 Overtime	1	7,269	0	7,000	7,055	-2.94%
151 Social Security	10,128	10,442	3,941	10,500	10,499	0.55%
152 Fringe Benefits	25,484	40,516	12,806	30,000	33,681	-16.87%
155 Retiree HRA Contributions	4,334	10,000	0	10,000	5,000	-50.00%
Total PERSONNEL Expense	135,455	198,751	62,983	157,500	176,981	-10.95%

Notes:

- 110 -** Includes a portion of the wages for Administrative, Public Works, Village Board, and other Staff as allocated to account
- 112** for the cost to manage and operate the utility. Percentages of allocation vary by Department and can be viewed in more detail within the General Fund (100) expense budget for wages.
- 151 -** A portion of the costs for Social Security and Fringe Benefits related to wages above are charged to the Utility to account
- 152** for the cost spent on related responsibilities. This is the same throughout this budget and the actual percentages of distribution can be found within the Personnel Expenses of the General Fund (100).
- 155** The Village has setup a separate fund to account for the future cost of retirees. Each fund in which wages are paid out through personnel expenses are transferred into the fund to pay for post-employment benefits as may be applicable.

STORMWATER MANAGEMENT (continued)

STORMWATER UTILITY FUND - FUND 650

EXPENDITURES (continued)

OTHER OPERATING EXPENSES		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
53-3040							
310	Office Supplies	1,641	1,500	1,023	1,500	1,500	0.00%
325	Equipment Maintenance	1,295	2,100	2,526	2,500	2,500	19.05%
330	Education and Travel	0	750	603	750	1,000	33.33%
340	Operating Supplies	2,545	2,000	2,434	3,700	3,700	85.00%
Total OTHER OPERATING Expense		5,482	6,350	6,586	8,450	8,700	37.01%

Notes:

330 Slight increase to better account for funding necessary to meet training needs within the Utility.

MATERIALS		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
53-3040							
403	Depreciation Expense	101,012	74,400	46,200	74,400	74,400	0.00%
428	Amortization - Debt Issuance Costs	6,245	0	0	0	0	-----
429	Amortization of Premium	(1,919)	0	0	0	0	-----
Total MATERIALS Expense		105,338	74,400	46,200	74,400	74,400	0.00%

Notes:

403 Depreciation costs are expensed in the operating budget in order to account for the decrease in value of the stormwater assets over time. This helps to build the reserves in order to maintain an appropriate level of cash flow and fund future projects to replace the same assets offsetting the need for borrowing.

OTHER EXPENSES		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
53-3040							
510	'11 875k Borr Interest	19,146	11,975	6,000	12,000	20,178	68.50%
511	Interest 2015 Borrowing	0	14,249	9,297	14,249	0	-100.00%
520	'11 875k Borr Principal	0	85,000	0	85,000	145,000	70.59%
521	Principal 2015 Borrowing	0	0	0	0	0	-----
Total OTHER Expense		19,146	111,224	15,297	111,249	165,178	48.51%

Notes:

510 - 520 Annual cost for Debt Service related to the Utility inclusion of all borrowing payments for 2017.

CAPITAL OUTLAY		2015 Actual	2016 Budget	YTD 6/30/2016	2016 Projected	2017 Budget	% Change vs. 2016
53-3040							
810	Small Capital	250	21,000	1,931	2,500	2,500	-88.10%
815	Sinking Funds	0	20,000	0	20,000	20,000	0.00%
Total CAPITAL OUTLAY Expense		250	41,000	1,931	22,500	22,500	-45.12%

Notes:

815 Savings to be put toward the future replacement of the Street Sweeper.

Total STORMWATER MGMT Expenditures	369,946	546,937	201,254	491,333	577,403	5.57%
---	----------------	----------------	----------------	----------------	----------------	--------------