Rec'd from Debbie Hatfield 9:40am on 7-09-2015

QUARRY VISTA
CONSTRUCTION PLANS

CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

JULY 7, 2015

LIST OF DRAWINGS

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	PLAN & PROFILE:
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6	TEMPORARY LACY CONNECTION
7	TURNSTONE LANE
8	TURNSTONE CIRCLE
9	FITCHRONA ROAD
10 - 11	FITCHRONA ROAD BIKE PATH AND WATER MAIN
12	LACY ROAD BIKE PATH AND WATER MAIN
13 - 14	STORM SEWER OUTFALL
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22	STRIPING, SIGNAGE, AND INTERSECTION DETAIL
23	SUBSURFACE PREPARATION PLAN
24	PRIVATE OUTLOT INFILTRATION AREA DETAILS/ SED TRAP
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	CROSS SECTIONS:
26	LACY ROAD
27	FITCHRONA ROAD
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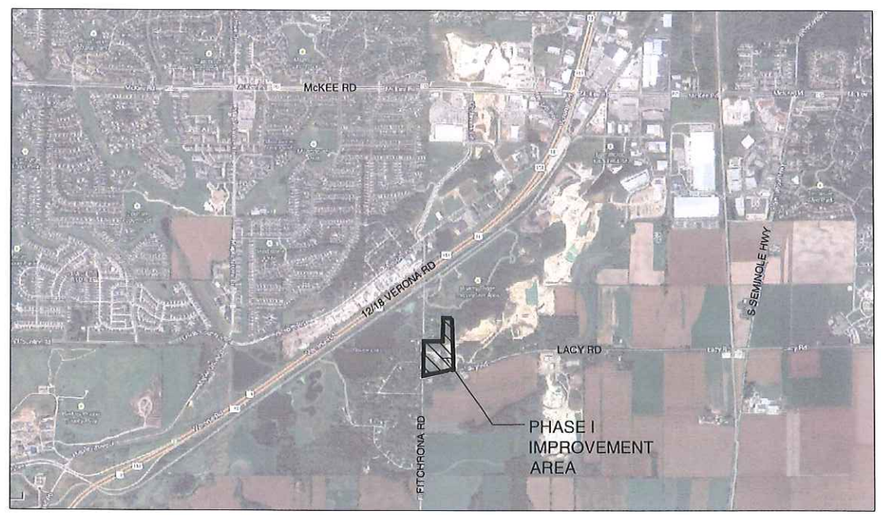
29 TOTAL SHEETS



PROJECT LOCATION

NORTHEAST QUADRANT OF LACY RD AND FITCHRONA RD

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", LATEST EDITION.

CONTRACTOR SHALL NOTIFY PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO EXISTING SEWER OR WATER MAIN, AND STARTING ALL PHASES OF CONSTRUCTION

PROJECT CONTACTS

CITY OF FITCHBURG PUBLIC WORKS
CORY HORTON - DIRECTOR OF PUBLIC WORKS
TRACY FOSS - UTILITY PROJECT ENGINEER
5520 LACY ROAD
FITCHBURG, WI 53711
PHONE: 608-270-4260

GAS - MADISON GAS AND ELECTRIC
SHAUN ENDRES
133 S. BLAIR STREET
P.O. BOX 1231
MADISON, WI 53703-3471
PHONE: 608-252-7224

ELECTRIC - MADISON GAS AND ELECTRIC
JIM HERFEL
133 S. BLAIR STREET
P.O. BOX 1231
MADISON, WI 53703-3471
PHONE: 608-252-7233

TELEPHONE - TDS
JERRY MYERS
3210 LAURA LANE
MIDDLETON, WI 53562
PHONE: 608-826-4533

CABLE TV - CHARTER COMMUNICATIONS
GLEN JAKUSZ
2701 DANIEL STREET
MADISON, WI 53718
PHONE: 608-209-3202

WISCONSIN
DEBORAH J. HATFIELD
E-29886
Sun Prairie, Wis.
PROFESSIONAL ENGINEER

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL CAREFUL DETERMINATIONS AND PROTECTING ALL UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST IN THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES. THE OWNER ALSO WILL PROVIDE ANY THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE".

PUBLIC IMPROVEMENTS DESIGN
APPROVED
THIS SHEET ONLY
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS
Tracy M. Foss, Utility Proj. Engr. — Signature/Title
7-10-15 — Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE

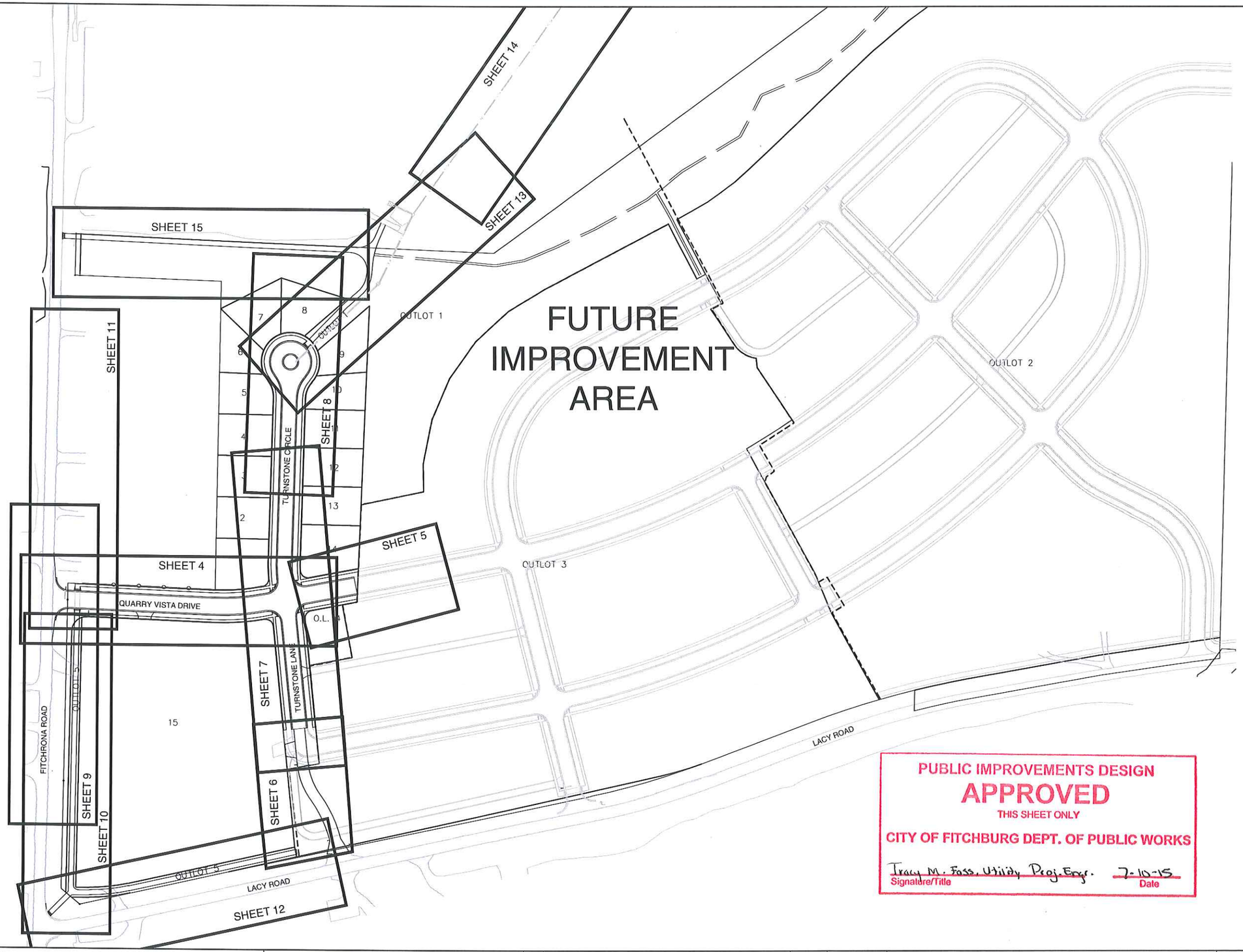
DRAWN BY: RDP
CHECKED BY: DJH

TITLE SHEET

SCALE: NTS

PROJECT NO.: 1613
DATE: 03/24/15
SHEET NO.: 1

File: P:\1613 – Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Title Sheet and Details Rev.dwg Layout: 1 – Title Sheet User: hatfieldt Plotted: Jul 07, 2015 – 2:55pm



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Signature/Title Date

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"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL UTILITIES ARE KNOWN TO EXIST IN THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT SERVICE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE."

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
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COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP
CHECKED BY DJH

INDEX SHEET

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 50 100
SCALE 1" = 100'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 2

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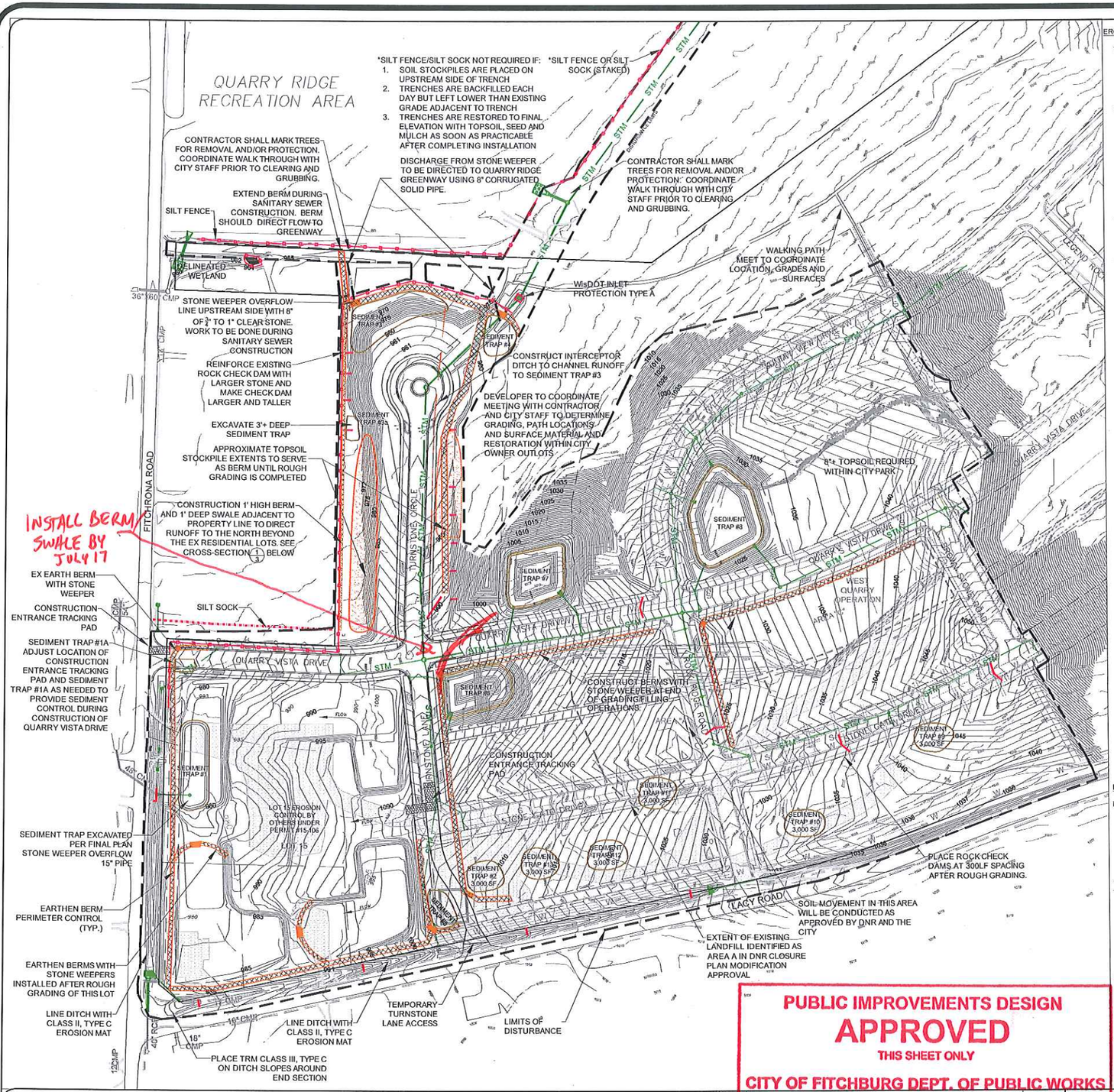


PUBLIC IMPROVEMENTS DESIGN
APPROVED
THIS SHEET ONLY
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS

EROSION CONTROL NOTES

1. THE PROJECT HAS BEEN DESIGNED AND MUST BE CONSTRUCTED IN COMPLIANCE WITH ALL OF WDNR GENERAL PERMIT APPLICATION ELIGIBILITY STANDARDS AND CITY OF FITCHBURG REQUIREMENTS. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED AS SPECIFIED IN CURRENT DEPARTMENT OF NATURAL RESOURCES EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS, CITY OF FITCHBURG STANDARDS, AND SPECIFIC APPROVAL CONDITIONS FROM THE CITY OF FITCHBURG.
2. NOTE: BECAUSE OF THE SUBSTANTIAL DIFFERENCE BETWEEN EXISTING SLOPES AND DRAINAGE DIRECTIONS AND THE FINAL ROUGH GRADE SLOPES AND DRAINAGE DIRECTIONS, INTERIM EROSION CONTROL MEASURES SUCH AS DITCH CHECKS, DIVERSION BERMS AND TEMPORARY SEDIMENT TRAPS WILL BE REQUIRED AS SITE GRADING PROCEEDS. NOTE THAT THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE THOSE THAT WILL BE REQUIRED AT COMPLETION OF FINAL ROUGH GRADES. ADDITIONALLY, SOME OF THE MEASURES THAT WILL BE REQUIRED AS GRADING COMMENCES ARE SHOWN. ADDITIONAL MEASURES WILL LIKELY BE NECESSARY. CONTRACTOR SHALL INSTALL AND ADJUST EROSION CONTROL MEASURES BOTH ON THE INTERIOR AND THE PERIMETER OF THE SITE TO BE APPROPRIATE FOR THE STATE OF GRADING ACTIVITY WITHIN THE SITE AT THE DIRECTION OF THE ENGINEER, CITY AND/OR STATE INSPECTORS.
3. EROSION CONTROL MEASURES SHOWN ON THE PLAN SHALL BE CONSIDERED MINIMUMS. ADDITIONAL EROSION CONTROL MEASURES REQUESTED BY STATE INSPECTORS, CITY INSPECTORS AND/OR ENGINEER SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
4. SEDIMENT TRAPS TO BE EXCAVATED A MINIMUM OF 3 FEET BELOW STONE WEEPER ELEVATION AND PER DNR TECHNICAL STANDARD 1063.
5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAINFALL EVENT EXCEEDING 0.5 INCHES WITHIN 24 HOURS. REPAIRED EROSION CONTROL MEASURES SHALL OCCUR WITHIN 24 HOURS OF INSPECTION. CONTRACTOR SHALL MAINTAIN AN ON-SITE WRITTEN REPORT OF ALL INSPECTIONS FOR THE DURATION OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING COPIES OF ALL REQUIRED PERMITRACK INSPECTION REPORTS UNTIL THE SITE IS ESTABLISHED.
6. EROSION CONTROL MEASURES SHALL BE PROPERLY MAINTAINED UNTIL THE SITE IS STABILIZED AND UNTIL FINAL ACCEPTANCE OF THE SITE BY THE CITY.
7. INSTALL EROSION CONTROLS ON THE DOWNSLOPE SIDE OF STOCKPILES AND PROVIDE TEMPORARY SEEDING ON STOCKPILES WHICH ARE TO REMAIN IN PLACE FOR MORE THAN 7 DAYS.
8. GRAVEL CONSTRUCTION ENTRANCE PADS SHALL BE INSTALLED AT DESIGNATED CONSTRUCTION ENTRANCES PRIOR TO ANY CONSTRUCTION (SEE DETAIL 19-1). ALL CONSTRUCTION TRAFFIC MUST USE GRAVEL CONSTRUCTION ENTRANCES. GRAVEL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
9. SOIL TRACKED FROM THE SITE TO STREETS SHALL BE REMOVED AT THE END OF EACH WORK DAY OR AS DIRECTED BY THE ENGINEER OR CITY/STATE INSPECTORS.
10. AFTER COMPLETION OF ROUGH GRADING, AREAS AT FINAL GRADES SHALL BE VEGETATED BY DORMANT SEEDING WITH WISDOT SEED MIX NO. 40 APPLIED AT A RATE OF 2 POUNDS/1,000 SF.
11. ALL AREAS THAT SHALL BE PERMANENTLY VEGETATED SHALL BE COVERED WITH 6" TOPSOIL AND STABILIZED USING ONE OF THE FOLLOWING METHODS:
    a. ALL SLOPES EXCEEDING 5:1 (20%) SHALL BE STABILIZED WITH CLASS I URBAN, TYPE A EROSION MATTING, OR BY HYDROMULCHING TO EQUIVALENT STANDARD AS APPROVED BY ENGINEER.
    b. ON PRIVATE PROPERTY ALL NON CHANNELIZED SLOPES MILDER THAN 5:1 (20%) MAY BE STABILIZED WITH MULCH APPLIED AT A RATE OF 3 TONS/ACRE AND CRIMPED IN PLACE OR BY HYDROMULCHING TO EQUIVALENT STANDARD AS APPROVED BY ENGINEER. HYDROMULCHING REQUIRED IN PUBLIC RIGHT OF WAY.
    c. ALL DITCHES AND SWALES CONSTRUCTED TO FINAL GRADES SHALL BE LINED WITH EROSION MAT, CLASS II, TYPE C.
13. AREAS THAT HAVE NOT BEEN FINAL GRADED BY THE END OF THE 2015 CONSTRUCTION SEASON SHALL BE TEMPORARILY STABILIZED AND PROVIDE SEDIMENT TRAPS OR PERIMETER CONTROLS UNTIL FINAL GRADE IS ACHIEVED, AT WHICH TIME RESTORATION MEASURES CONSISTENT WITH NOTE 12 SHALL BE IMPLEMENTED.
14. IMMEDIATELY STABILIZE DISTURBED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR LONGER BY TEMPORARY SEEDING, MULCHING, OR POLYMER APPLICATION.
15. SEED MIXTURE WDOT 40 SHALL BE USED TO RESTORE DITCHES AND LOT AREAS. TERRACES SHALL BE SEEDED WITH CITY OF FITCHBURG TURF GRASS MIX FOR SUNNY TO PARTIAL SHADE AREAS. DISTURBED AREAS IN QUARRY RIDGE RECREATIONAL AREA SHALL BE RESTORED WITH A LOW MOW FESCUE SEED MIX. MIXES SHALL BE APPLIED AT A RATE OF 5 LBS/1,000 SF.
16. ALL INLETS SHALL BE PROTECTED FROM SEDIMENTATION

EROSION CONTROL SEQUENCING

MAY 2015

1. STABILIZE STEEP SLOPES ADJACENT TO TURNSTONE CIRCLE BY APPLYING POLYMER. ADD STONE WEEPER IMMEDIATELY UPSTREAM OF SEDIMENT TRAP #3. PLACE POLYMER BLOCK AT UPSTREAM SIDE OF STONE WEEPER.
2. EXTEND BERMS ON BOTH SIDES OF TURNSTONE LANE TO LACY ROAD. ADD STONE WEEPER OUTLETS TO BERM.

JULY 2015

1. GRADE LACY ROAD DITCHES IN EARLY JULY TO ENSURE THAT WATER IN THE DITCHES DOES NOT FLOW ONTO LOT 15. RESTORE WITH 6" TOPSOIL AND CLASS II, TYPE C EROSION MAT. SEED MIX SHALL BE WDOT #40 APPLED AT A RATE OF 5 LBS/1,000 SFT. CONSTRUCT ROCK CHECK DAMS AT LOCATIONS DIRECTED BY THE ENGINEER.
2. SEDIMENT TRAPS INSTALLED PRIOR TO DISTURBANCE OF UPLAND TRIBUTARY AREAS
3. STABLIZE WEST SIDE OF LOTS 1 THROUGH 6 BY END OF JULY.

AUGUST 2015

1. AFTER INSTALLATION OF LOT WATER AND SEWER SERVICES AND INSTALLATION OF PRIVATE UTILITIES, STABILIZE LOT AREAS BY RE-SPREADING THE TOPSOIL STOCKPILED IN BERMS ADJACENT TO TURNSTONE CIRCLE AND PLACING SEED, FERTILIZER AND MULCH ON SLOPES < 5%. EROSION MAT IS REQUIRED ON SLOPES > 5%

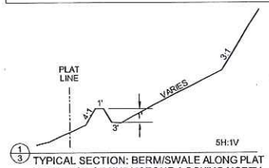
SEPTEMBER 2015

1. STABLIZE ALL DISTURBED AREAS AFTER COMPLETION OF THE PUBLIC IMPROVEMENTS..

GENERAL NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF "CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION"
2. CONTRACTOR SHALL NOTIFY PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO EXISTING SEWER AND WATER MAIN, AND BEFORE STARTING ALL PHASES OF WORK.
3. ALL STREET DIMENSIONS (WIDTHS, RADII LENGTH) ARE MEASURED TO THE FACE OF CURB
4. ALL SANITARY SEWER WITHIN THE RIGHT-OF-WAY AND EASEMENTS SHALL BE SDR-26
5. LATERALS & WATER SERVICES TO EXTEND 10' BEYOND THE R/W OR EASEMENT, WHICHEVER IS FURTHER FROM CENTERLINE.
6. ANY PERSON WHO INSTALLS A NONCONDUCTIVE SEWER LATERAL MUST INSTALL SCOTCH MARKER BALL MARKERS , 1404-XR ABOVE LATERAL TWO FEET FROM PROPERTY LINE (WITHIN R/W) AND AT EVERY HORIZONTAL BEND. MARKERS SHALL BE PLACED 3.5 TO 4.5 FEET BELOW FINAL SURFACE ELEVATION.
7. ALL HANDICAP RAMPS TO BE VERIFIED BY THE CITY BEFORE PLACEMENT AND SHALL BE ADA COMPLIANT INCLUDING THE PROVISION OF NEENAH FOUNDRY'S DETECTABLE WARNING PLATES R-4984 NATURAL FINISH.
8. MANHOLE CASTINGS WITHIN PAVEMENT TO BE SET TO ASPHALT BINDER GRADE
9. ALL UTILITY CROSSINGS SHALL BE MADE PRIOR TO PLACEMENT OF CURB & GUTTER AND BASE COURSE.
10. ALL STORM SEWER APRON END SECTIONS OVER 12" DIA SHALL HAVE FACTORY INSTALLED PIPE GATE
11. STORM SEWER STRUCTURES SHALL HAVE CORED, NON-SCORED, SMOOTH-FORMED OPENINGS. IN LIEU OF CORED OPENINGS, STRUCTURES MAY ALSO HAVE FORMED OPENINGS AND/OR BE POURED IN PLACE
12. RCP STORM SEWER JOINT TIES REQUIRED FOR LAST (2) JOINTS AT APRON END SECTION LOCATIONS ON PIPE OF ANY SIZE.
13. HYDRANT VALVES TO BE LOCATED WITHIN TERRACE
14. TEMPORARY CONCRETE PLUGS SHALL BE PLACED IN CONNECTING MANHOLES UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED
15. ALL UTILITY STUBS (SANITARY, WATER, STORM SEWER) TO BE PLUGGED & MARKED WITH 4"X4" POST. PAINT BLUE FOR WATER, GREEN FOR SANITARY, AND PINK FOR STORM.
16. A MINIMUM OF 2 TYPE III BARRICADES REQUIRED AND MAINTAINED AT ALL PROPOSED ENTRANCES UNTIL THE STREETS ARE ACCEPTED BY THE CITY. ONE BARRICADE SHALL READ "ROAD CLOSED" AT EACH ENTRANCE.
17. INLET CASTINGS SHALL BE NEENAH #R-3067-7004 ('DUMP NO WASTE, DRAINS TO LAKE'). THESE ARE A SPECIAL ORDER ITEM THAT THE CONTRACTOR SHOULD ORDER WELL IN ADVANCE TO ENSURE THAT THE CASTINGS CAN BE SUPPLIED AND DELIVERED ON TIME.
18. WATER MAIN MAY ONLY BE DEFLECTED IF SHOWN ON PLANS
19. SERVICES SHALL BE PLACED AT THE CENTER OF LOTS UNLESS NOTED. SERVICES VALVES SHALL BE LOCATED IN CENTER OF TERRACE.
20. ALL FLUSHING CONNECTIONS SHALL BE ABANDONED BELOW GROUND AS DIRECTED BY THE CITY.
21. USE OF SHOT ROCK AND/OR EXCAVATED ROCK FOR TRENCH BACKFILL IS SUBJECT TO APPROVAL BY THE CITY.
22. ALL 4" SANITARY LATERALS SHALL BE INSTALLED AT A 2% SLOPE. SLOPES FOR SANITARY LATERALS GREATER THAN 4" ARE LABELED ON EACH SHEET.
23. SUBMIT TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL A MINIMUM OF 3 WEEKS PRIOR TO STARTING WORK ON LACY AND FITCHRONA ROADS. TWO WAY TRAFFIC SHALL BE MAINTAINED ON FITCHRONA AND LACY ROADS AT ALL TIMES.
24. DEEP TILL PERVIOUS LOT AREAS AFTER FINAL GRADING.

LIMITS OF DISTURBANCE
EXISTING CONTOURS (5-FOOT)
PROPOSED ROUGH GRADE CONTOURS (5-FOO
SILT FENCE (3/19)
REINFORCED SILT FENCE (4/18)
BERM DETAIL (3/18)
ROCK CHECK DAM (5/18)
CONSTRUCTION ENTRANCE (1/19)



1/3 TYPICAL SECTION: BERM/SWALE ALONG PLAT LINE WEST OF TURNSTONE, LOOKING NORTH.

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE
WISCONSIN STATUTE 182.0175(1) REQUIRES 3 WORKING DAYS NOTICE BEFORE YOU BEGIN EXCAVATING

THE EXCAVATION SHOWN ON THIS DRAWING CONTAINS TYPE AND LOCATION DATA FROM RECORDS OF THE UTILITIES. THIS DATA IS ACCURATE OF ALL ACCESS. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THE ONE DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE TO THE UTILITIES. UNLESS SERVICES ARE SHOWN TO EXIST ON THE PREMISES, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE EXISTING SUBSURFACE OWNER BY LOCATED BY A LICENSED PLUMBER. THE OWNER WILL BE HELD BEYOND THE SUPERVISOR WHOSE FAILS AS ENGINEERS.

QUARRY VISTA
FITCHBURG, WI
HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
2	FOR CONSTRUCTION	7/07/15

Jerry Pree, Utility Proj Engr — 7-10-15
Signature/Title — Date

DRAWN BY RDP
CHECKED BY DJH

GRADING AND EROSION CONTROL PLAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 100 200
SCALE 1"=200'

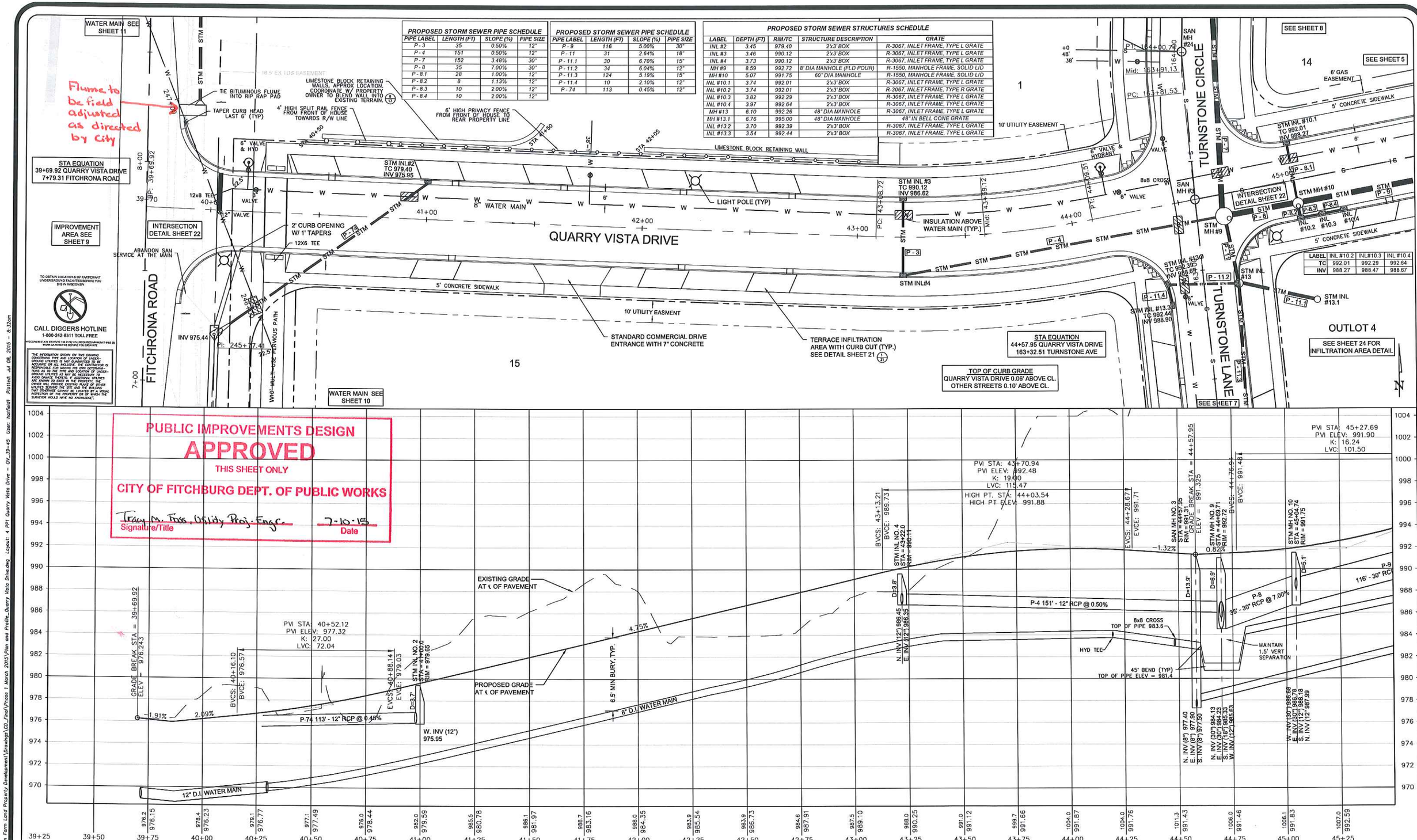
PROJECT NO. 1613
DATE 05/18/15
SHEET NO. 3

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Erosion Control Phase 1A rev 2015.06.dwg Layout: 3 Ph1 Set GEOP User: hatfield1 Plotted: Jul 09, 2015 - 3:07pm

PROPOSED STORM SEWER PIPE SCHEDULE			
PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 3	35	0.50%	12"
P - 4	151	0.50%	12"
P - 7	152	3.48%	30"
P - 8	35	7.00%	30"
P - 8.1	28	1.00%	12"
P - 8.2	8	1.13%	12"
P - 8.3	10	2.00%	12"
P - 8.4	10	2.00%	12"

PROPOSED STORM SEWER PIPE SCHEDULE			
PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 9	116	5.00%	30"
P - 11	31	2.64%	18"
P - 11.1	30	6.70%	15"
P - 11.2	34	6.04%	12"
P - 11.3	124	5.19%	15"
P - 11.4	10	2.10%	12"
P - 7.4	113	0.45%	12"

PROPOSED STORM SEWER STRUCTURES SCHEDULE				
LABEL	DEPTH (FT)	RIM/TC	STRUCTURE DESCRIPTION	GRATE
INL #2	3.45	979.40	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #3	3.46	990.12	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #4	3.73	990.12	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
MH #9	8.59	992.72	8' DIA MANHOLE (FLD POUR)	R-1550, MANHOLE FRAME, SOLID LID
MH #10	5.07	991.75	60" DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID
INL #10.1	3.74	992.01	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #10.2	3.74	992.01	2'x3' BOX	R-3067, INLET FRAME, TYPE R GRATE
INL #10.3	3.82	992.29	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #10.4	3.97	992.64	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
MH #13	6.10	992.26	48" DIA MANHOLE	R-3067, INLET FRAME, TYPE L GRATE
MH #13.1	6.76	995.00	48" DIA MANHOLE	48" IN BELL CONE GRATE
INL #13.2	3.70	992.39	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #13.3	3.54	992.44	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE



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1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP

CHECKED BY DJH

QUARRY VISTA DRIVE PLAN AND PROFILE STA 39+70 - 45+00

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

0 20 40

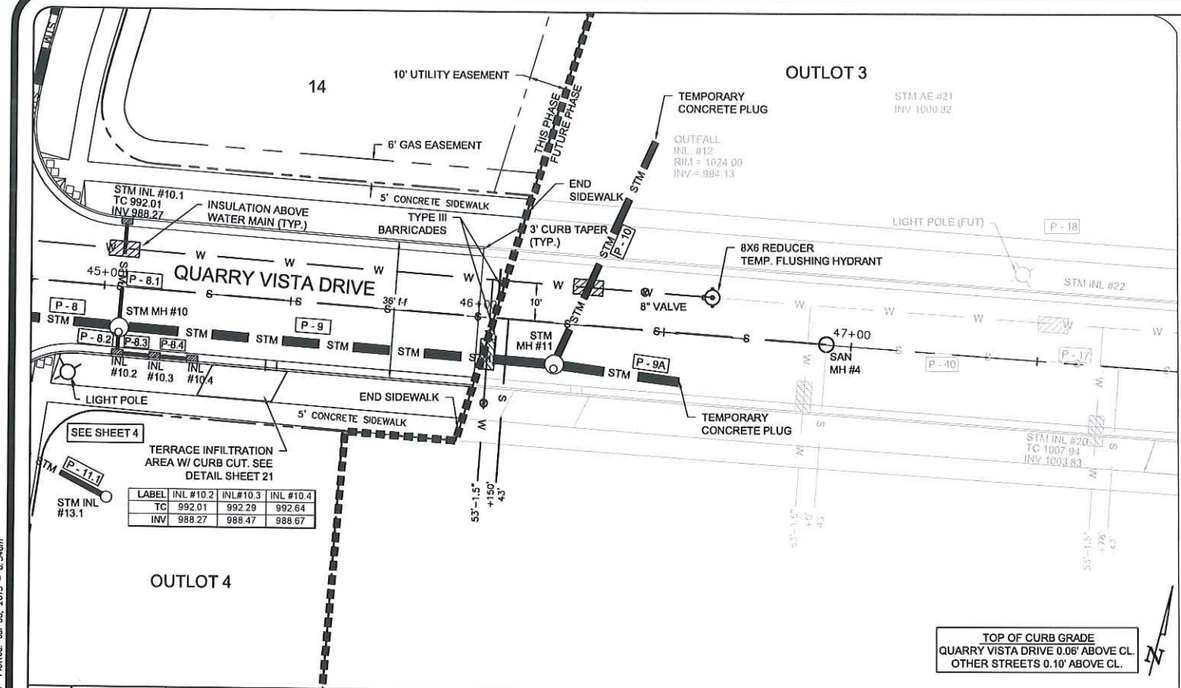
SCALE 1" = 40'

PROJECT NO. 1613

DATE 03/24/15

SHEET NO. 4

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Quarry Vista Drive.dwg Layout: 4 PP1 Quarry Vista Drive - QV_39-45 User: hatfield Plotted: Jul 08, 2015 - 8:32am



LABEL	INL #10.2	INL#10.3	INL #10.4
TC	992.01	992.29	992.64
INV	988.27	988.47	988.67

PROPOSED STORM SEWER STRUCTURES SCHEDULE

LABEL	DEPTH (FT)	RIM/TC	STRUCTURE DESCRIPTION	GRATE
MH #10	5.07	991.75	60" DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID
INL #10.1	3.74	992.01	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #10.2	3.74	992.01	2'x3' BOX	R-3067, INLET FRAME, TYPE R GRATE
INL #10.3	3.82	992.29	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #10.4	3.97	992.64	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
MH #11	5.77	998.34	60" DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID

PROPOSED STORM SEWER PIPE SCHEDULE

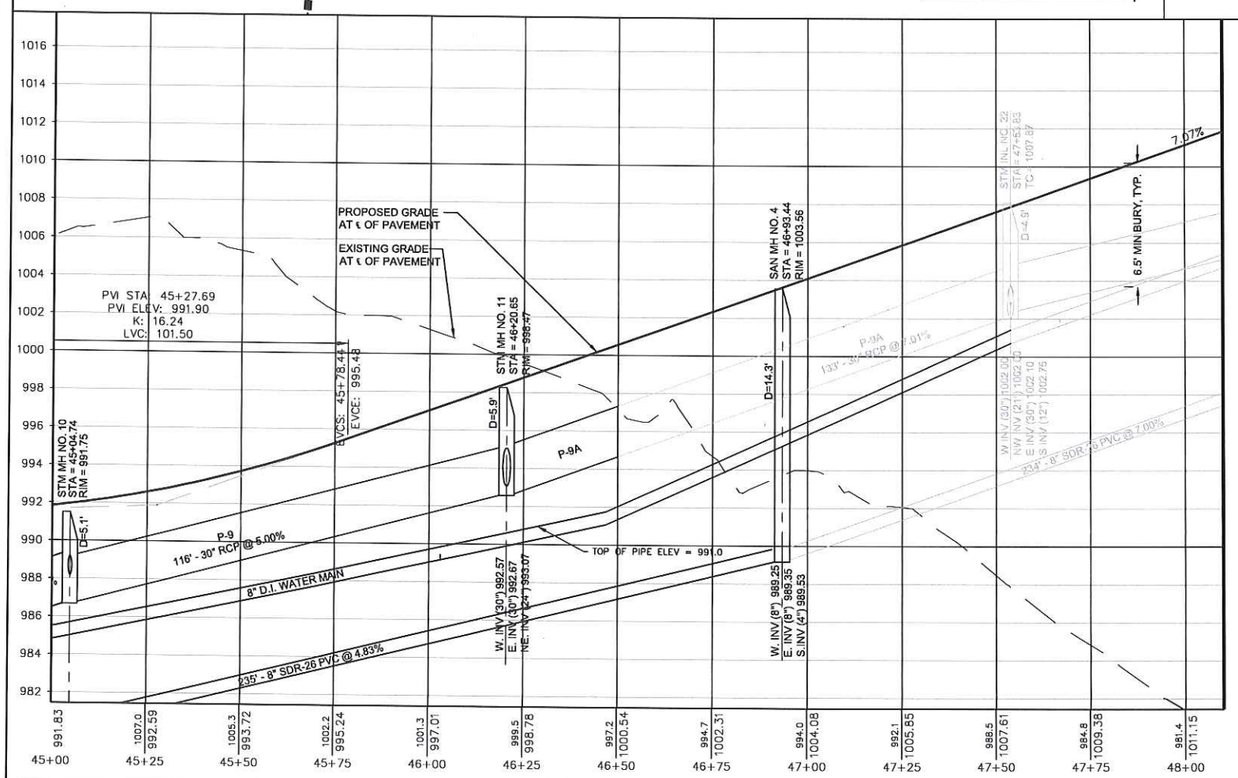
PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 8	35	7.00%	30"
P - 8.1	28	1.00%	12"
P - 8.2	8	1.13%	12"
P - 8.3	10	2.00%	12"
P - 8.4	10	2.00%	12"
P - 9	116	5.00%	30"
P - 9A	133	7.01%	30"
P - 10	66	1.61%	24"

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

WRECHEN STATE STATUTE 182.0175(1) REQUIRES MINIMUM THREE (3) WORK DAYS NOTICE BEFORE YOU EXCAVATE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION OF THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST IN THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES WHICH MAY INTERFERE WITH THE NEW UTILITIES CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE."



PUBLIC IMPROVEMENTS DESIGN
APPROVED
THIS SHEET ONLY
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS

Tracy M. Foss, Utility Proj. Engr. 7-10-15
Signature/Title Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	6/29/15

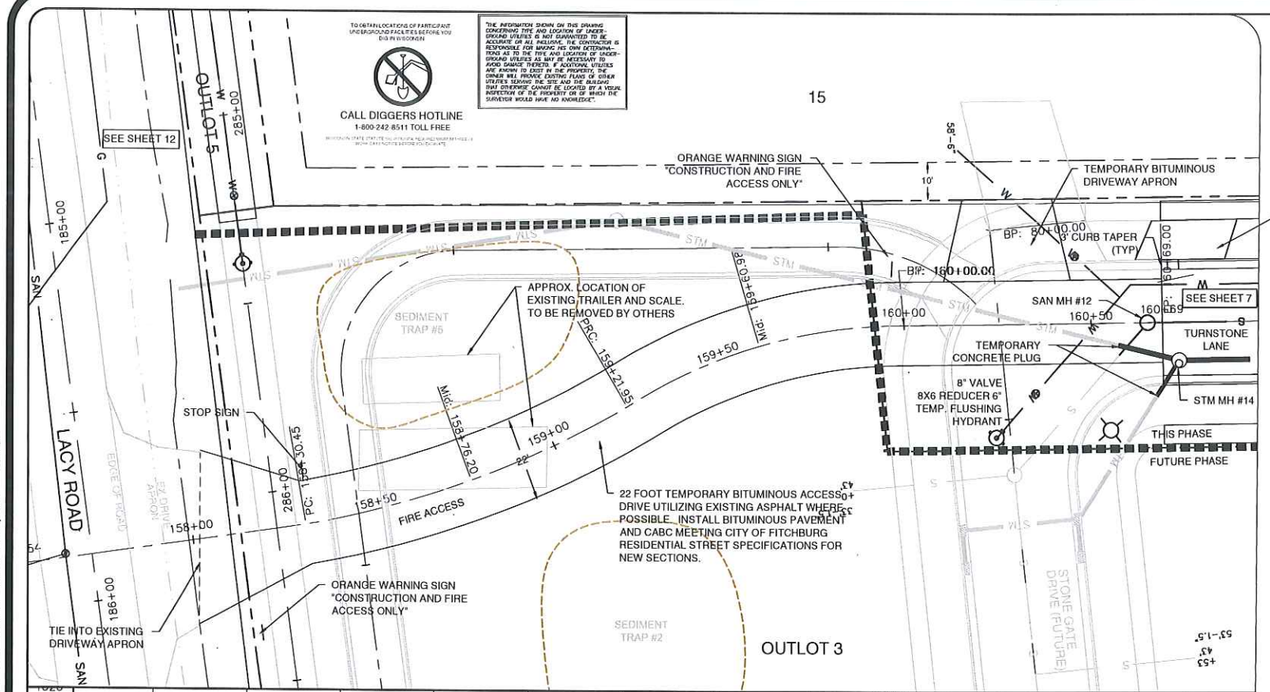
DRAWN BY DOS
CHECKED BY DJH

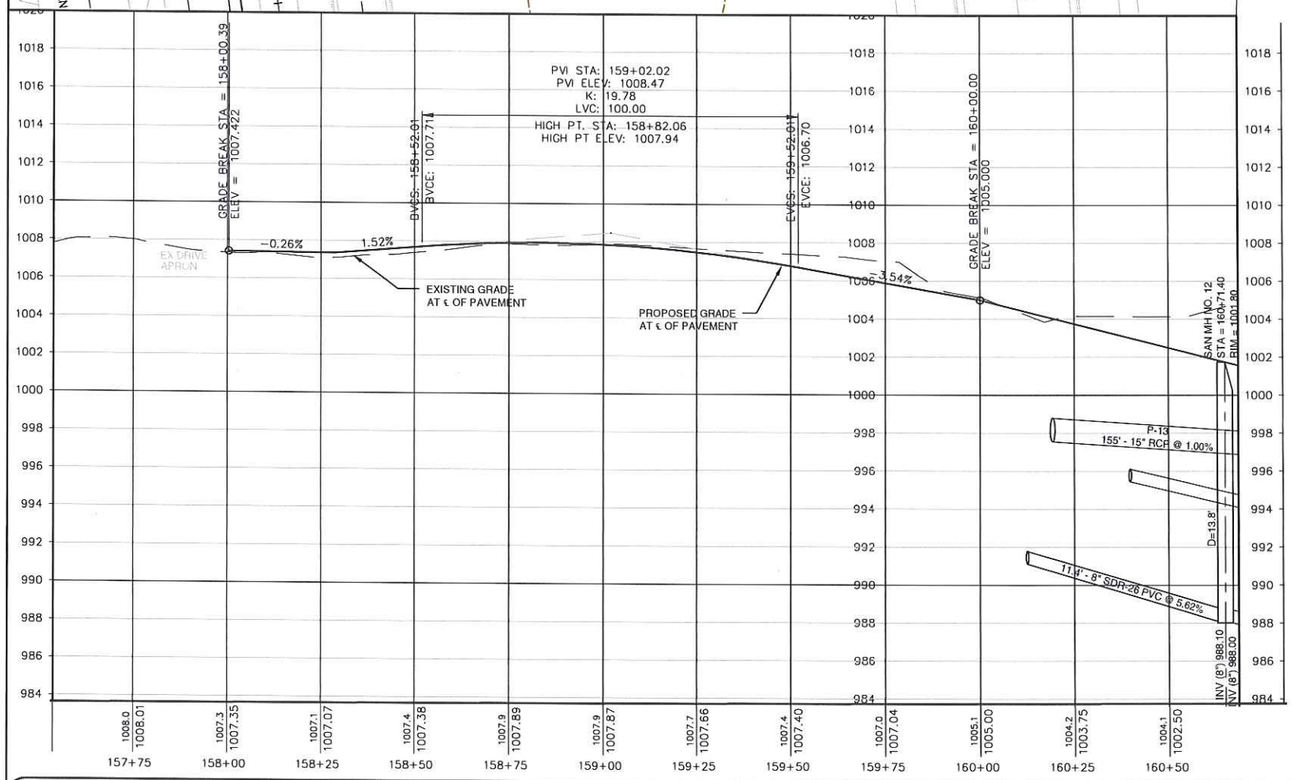
QUARRY VISTA DRIVE
PLAN AND PROFILE
STA 45+00 - 46+35.40

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 5

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Quarry Vista Drive.dwg Layout: 5 PP2 Quarry Vista Drive - QV_45-51 User: hatfield Plotted: Jul 08, 2015 - 8:34am





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Signature/Title Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	PUBLIC WORKS REVIEW #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP
CHECKED BY DJH

TEMPORARY LACY CONNECTION PLAN AND PROFILE STA 158+00 - 160+69

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 6

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Turnstone Lane&San.DWG Layout: 6 Lacy cnxn - P&P_158-160 User: hatfieldt Plotted: Jul 07, 2015 - 10:47am

TO OBTAIN LOCATION $ OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE
WISCONSIN STATUTE 196.3128 STATE PLANES MINIMUM 5 FREE (5) WORK DAYS NOTICE BEFORE YOU EXCAVATE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR TO BE COMPLETE. THE ENGINEER IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. IF ADDITIONAL UTILITIES ARE TO BE SERVED FROM THIS PROJECT, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE."

PROPOSED STORM SEWER STRUCTURES SCHEDULE

LABEL	DEPTH (FT)	RIM/TC	STRUCTURE DESCRIPTION	GRATE
MH #8	8.29	986.60	8' DIA MANHOLE (FLD POUR)	R-1550, MANHOLE FRAME, SOLID LID
MH #9	8.59	992.72	8' DIA MANHOLE (FLD POUR)	R-1550, MANHOLE FRAME, SOLID LID
MH #10	5.07	991.75	60" DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID
INL #10.1	3.74	992.01	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #10.2	3.74	992.01	2'x3' BOX	R-3067, INLET FRAME, TYPE R GRATE
INL #10.3	3.82	992.29	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #10.4	3.97	992.64	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 4	151	0.50%	12"
P - 6	332	1.50%	36"
P - 7	152	3.48%	30"
P - 8	35	7.00%	30"
P - 8.1	28	1.00%	12"
P - 8.2	8	1.13%	12"
P - 8.3	10	2.00%	12"
P - 8.4	10	2.00%	12"
P - 9	116	5.00%	30"
P - 11	31	2.64%	18"
P - 11.1	30	6.70%	15"
P - 11.2	34	6.04%	12"
P - 11.3	124	5.19%	15"
P - 12A	65	1.33%	12"
P - 12	95	4.08%	15"
P - 13	155	1.00%	15"
P - 15	50	7.00%	12"

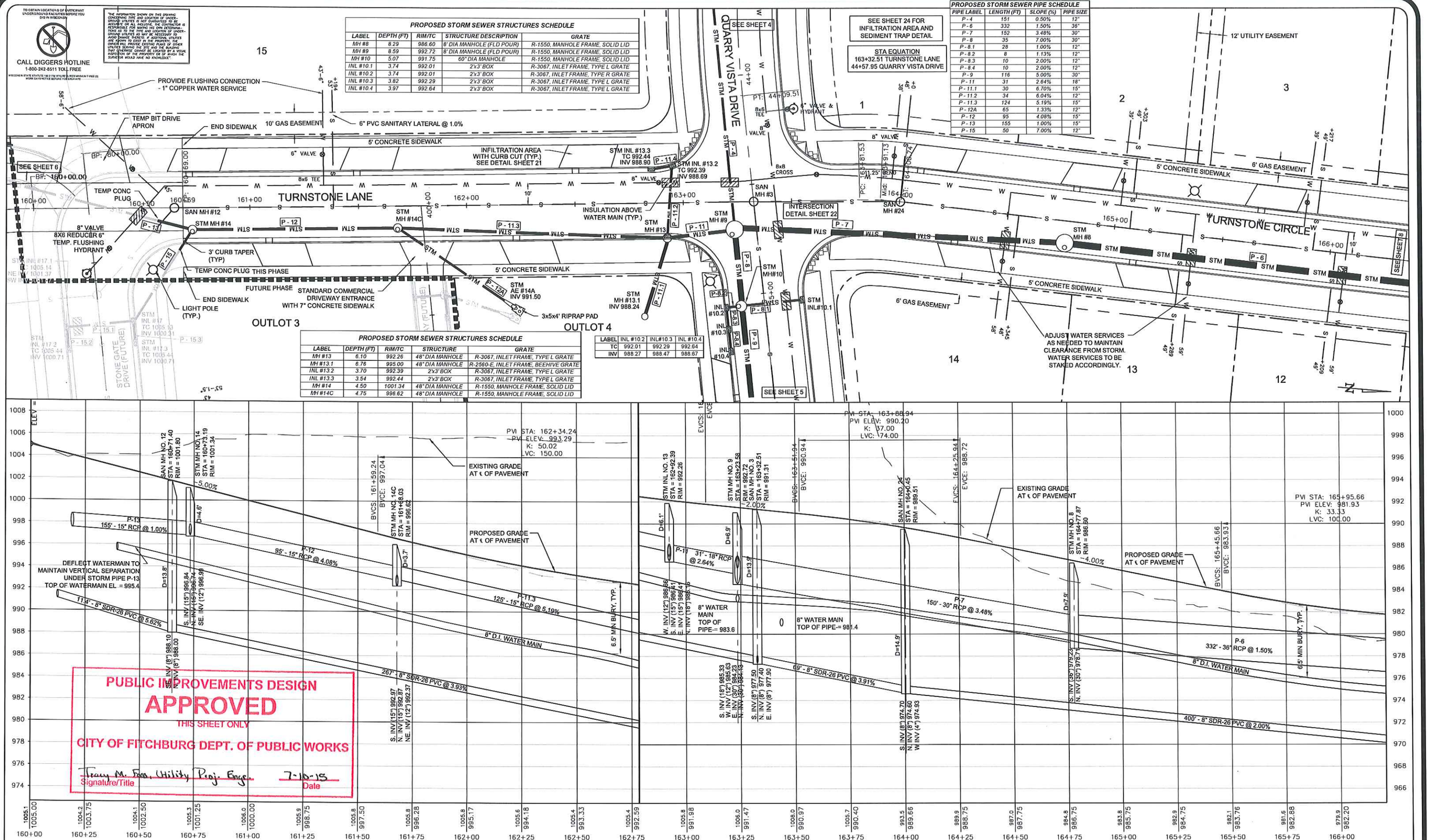
SEE SHEET 24 FOR INFILTRATION AREA AND SEDIMENT TRAP DETAIL

STA EQUATION
163+32.51 TURNSTONE LANE
44+57.95 QUARRY VISTA DRIVE

PROPOSED STORM SEWER STRUCTURES SCHEDULE

LABEL	DEPTH (FT)	RIM/TC	STRUCTURE	GRATE
MH #13	6.10	992.26	48" DIA MANHOLE	R-3067, INLET FRAME, TYPE L GRATE
MH #13.1	6.76	995.00	48" DIA MANHOLE	R-2560-E, INLET FRAME, BEEHIVE GRATE
INL #13.2	3.70	992.39	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
INL #13.3	3.54	992.44	2'x3' BOX	R-3067, INLET FRAME, TYPE L GRATE
MH #14	4.50	1001.34	48" DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID
MH #14C	4.75	996.62	48" DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID

LABEL	INL #10.2	INL#10.3	INL #10.4
TC	992.01	992.29	992.64
INV	988.27	988.47	988.67



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Tracy M. Foss, Utility Proj. Engr. 7-10-15
Signature/Title Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

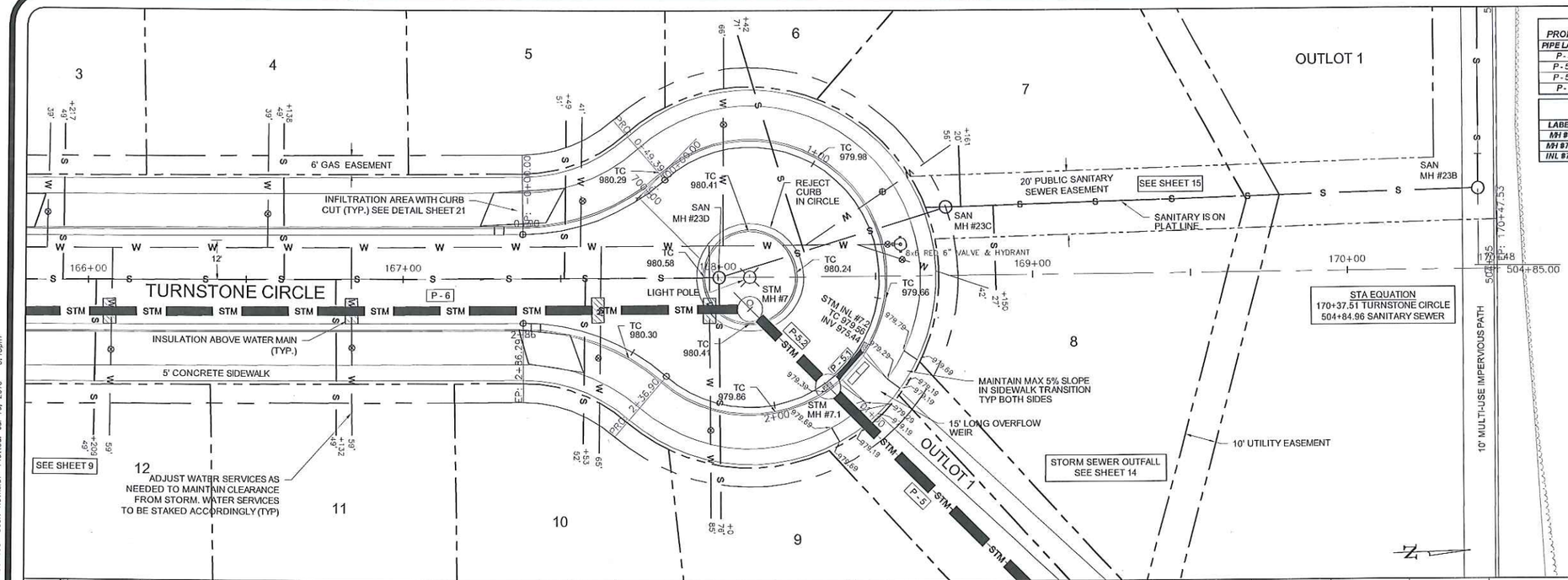
DRAWN BY RDP
CHECKED BY DJH

TURNSTONE LANE PLAN AND PROFILE STA 160+00 - 166+00

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 7

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Turnstone Lane&San.DWG Layout: 7 PP Turnstone Lane&San User: hatfield Plotted: Jul 08, 2015 - 8:40am



PROPOSED STORM SEWER PIPE SCHEDULE			
PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 5	183	1.01%	42"
P - 5.1	16	2.40%	12"
P - 5.2	42	1.02%	42"
P - 6	332	1.50%	36"

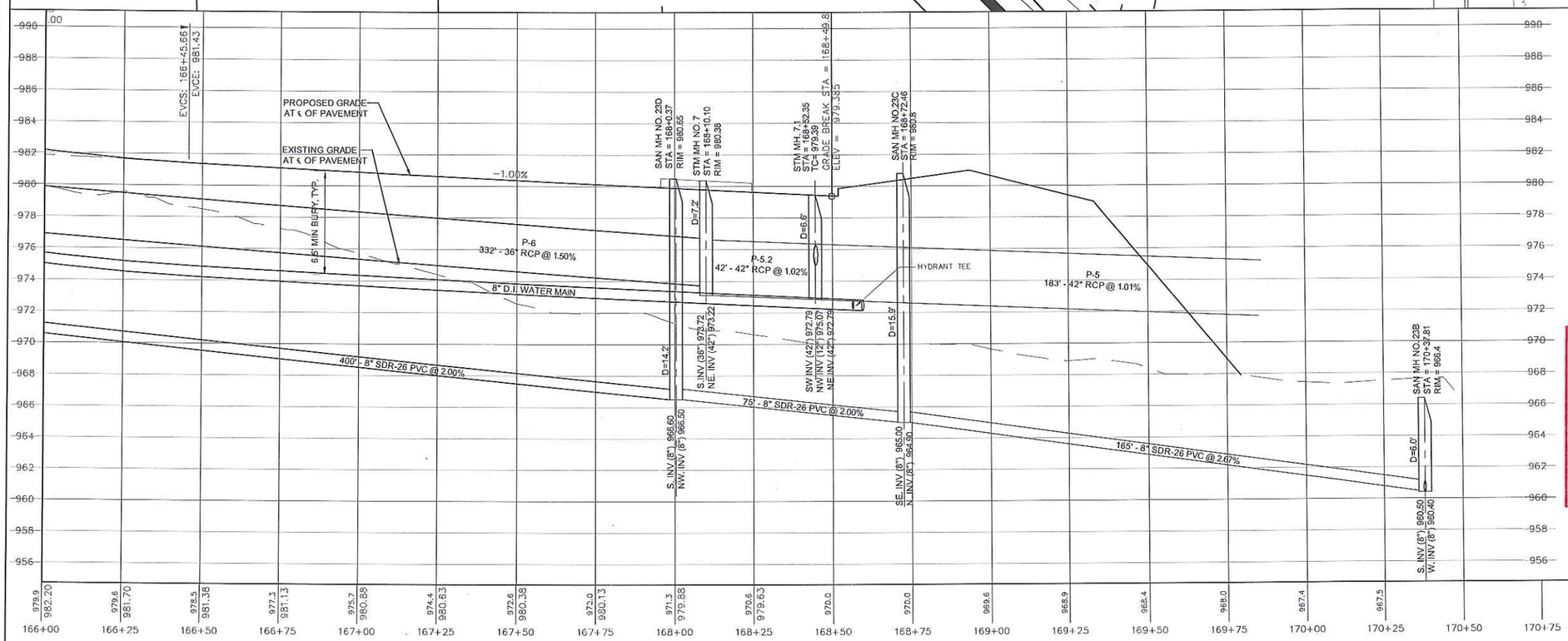
PROPOSED STORM SEWER STRUCTURES SCHEDULE				
LABEL	DEPTH (FT)	RIM/TC	STRUCTURE DESCRIPTION	GRATE
MH #7	7.16	980.38	9' DIA MANHOLE (FLD POUR)	R-1550, MANHOLE FRAME, SOLID LID
MH #7.1	6.60	979.39	9' DIA MANHOLE (FLD POUR)	R-3067, INLET FRAME, TYPE R GRATE
INL #7.2	4.12	979.56	2'x3' BOX	R-3067, INLET FRAME, TYPE R GRATE

TO OBTAIN LOCATIONS OF WATER AND UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

WISCONSIN STATUTES 182.0175(2) REQUIRES NOTICE TO BE GIVEN TO UTILITY OWNERS OF YOUR INTENT TO EXCAVATE NOT LESS THAN 3 NOR MORE THAN 5 WORK DAYS BEFORE YOU DIG.

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING SIZE AND LOCATION OF EXISTING UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE EXACT SIZE AND LOCATION OF EXISTING UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST ON THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OR OTHER DATA TO THE ENGINEER. IT IS ASSUMED THAT THE SURVEYOR CANNOT BE ASSISTED BY A VISUAL INSPECTION OF THE PROPERTY OR BY WHEN THE SURVEYOR WOULD HAVE NO KNOWLEDGE."



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Tracy M. Foss, Utility Proj. Engr. — 7-10-15
Signature/Title — Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP
CHECKED BY DJH

TURNSTONE CIRCLE
PLAN AND PROFILE
STA 166+00 - 169+50

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 8

File: P:\1613 - Hamm Farm Land Property Development\Drawings\02_Final\Phase 1 March 2015\Plan and Profile_Turnstone LandSon.DWG Layout: 8 PP Turnstone LandSon User: hatfield Plotted: Jul 10, 2015 - 3:15pm

TO OBTAIN LOCATIONS OF FAMILIAR WITH UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS BELIEVED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE TO THE UTILITIES WHICH ARE KNOWN TO EXIST IN THE PROPERTY. THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE COULD BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE CONTRACTOR WOULD HAVE NO KNOWLEDGE".

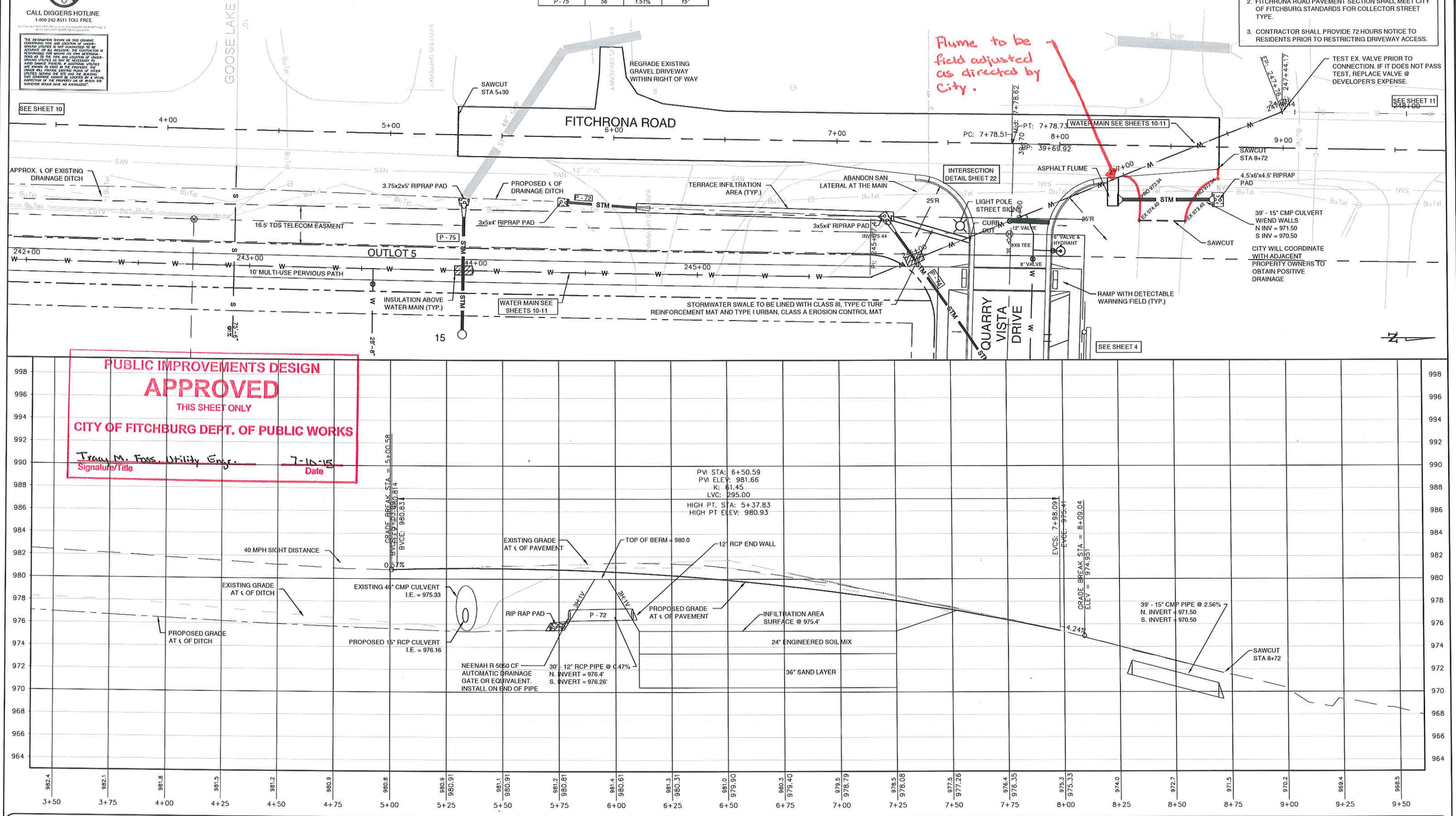
PROPOSED STORM SEWER PIPE SCHEDULE

PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 72	30	0.47%	12"
P - 74	113	0.45%	12"
P - 75	56	1.51%	15"

STA EQUATION
7+79.31 FITCHRONA ROAD
39+69.92 QUARRY VISTA DRIVE

NOTES:

1. TRAFFIC CONTROL MEETING MUTCD STANDARDS REQUIRED FOR WORKING IN FITCHRONA ROAD.
2. FITCHRONA ROAD PAVEMENT SECTION SHALL MEET CITY OF FITCHBURG STANDARDS FOR COLLECTOR STREET TYPE.
3. CONTRACTOR SHALL PROVIDE 72 HOURS NOTICE TO RESIDENTS PRIOR TO RESTRICTING DRIVEWAY ACCESS.



QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

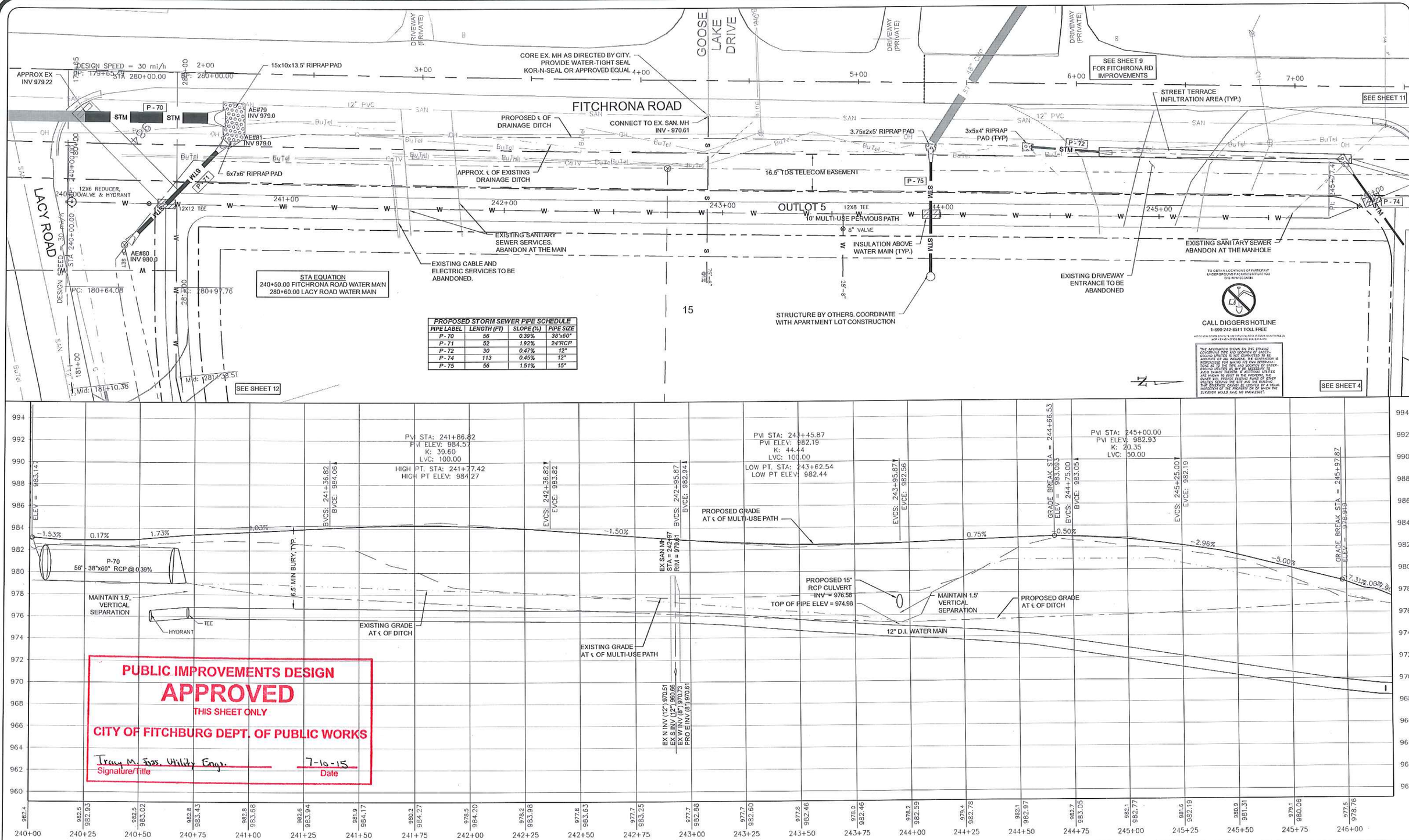
DRAWN BY RDP
CHECKED BY DJH

FITCHRONA ROAD PLAN AND PROFILE IMPROVEMENT AREA

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 9

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Lacy Road.DWG Layout: 9 P&P_Fitch_Improvement Area User: hatfield1 Plotted: Jul 07, 2015 - 10:24am



PROPOSED STORM SEWER PIPE SCHEDULE			
PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P-70	56	0.39%	38"x60"
P-71	52	1.92%	24"RCP
P-72	30	0.47%	12"
P-74	113	0.45%	12"
P-75	56	1.51%	15"

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Signature/Title Date

QUARRY VISTA
FITCHBURG, WI
HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

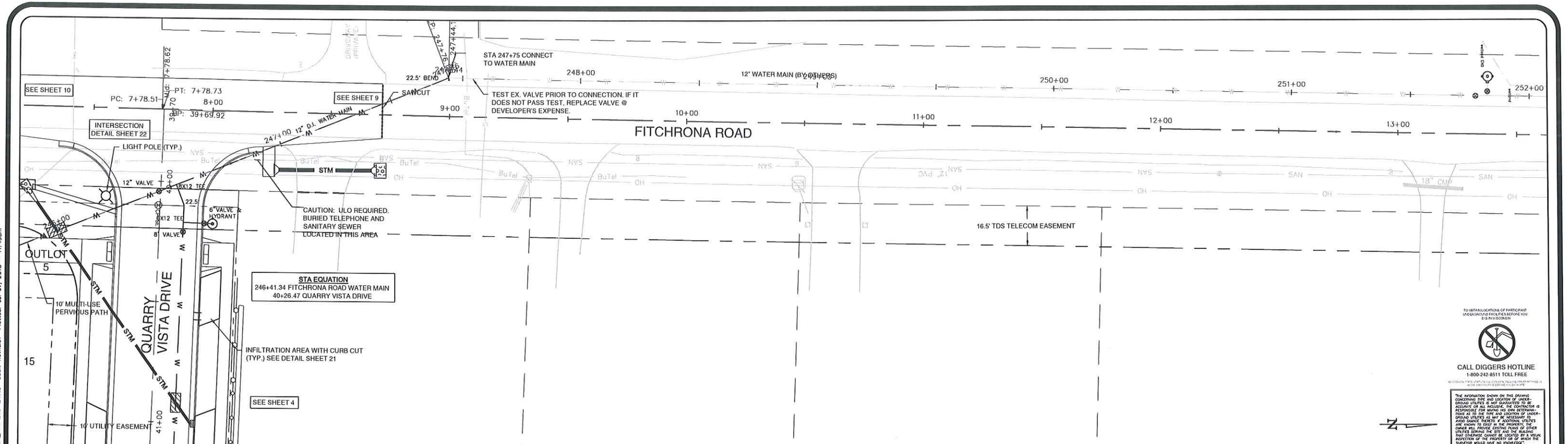
DRAWN BY RDP
CHECKED BY DJH

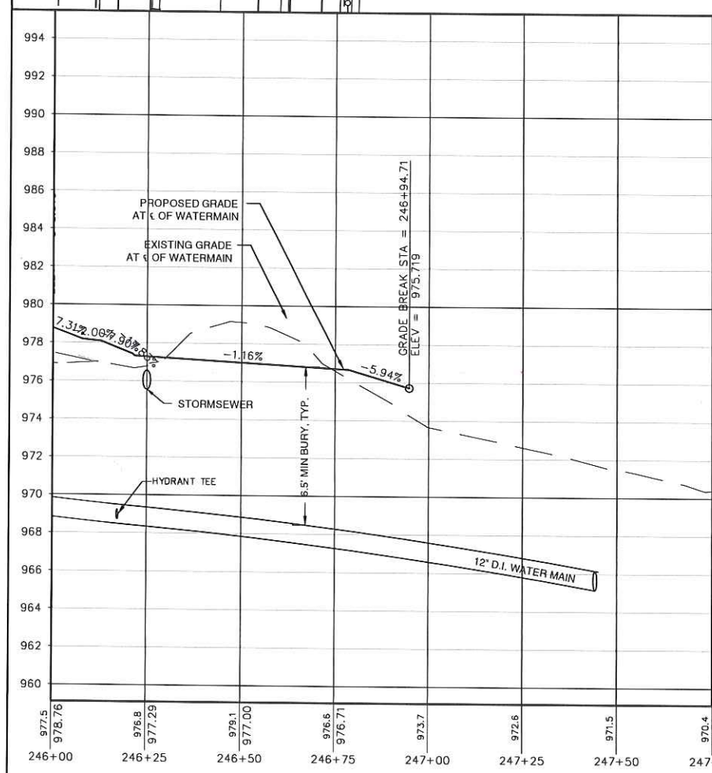
FITCHRONA ROAD BIKE PATH AND WATER MAIN PLAN AND PROFILE
STA 240+00 - 246+00

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 10

File: P:\1613 - Hamm Farm Land Property Development\Drawings\02_Final\Phase 1 March 2015\Plan and Profile_Public and Private Watermain Extension.DWG Layout: 10 P&P_Itch_Priv 240-246 User: hstfedt Plotted: Jul 10, 2015 - 3:31pm





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Signature/Title Date

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FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

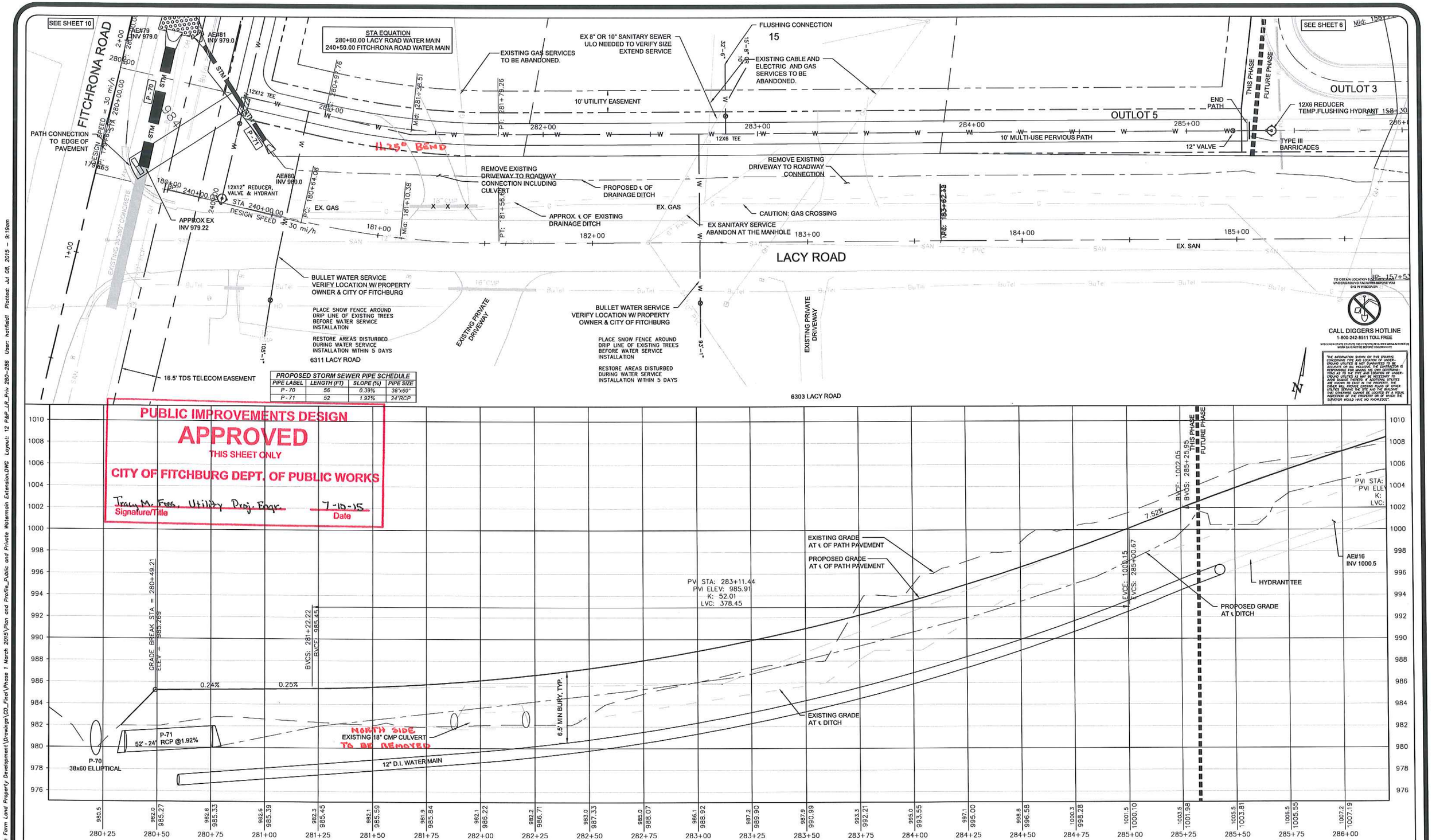
DRAWN BY DOS
CHECKED BY DJH

FITCHRONA ROAD BIKE PATH AND WATER MAIN PLAN AND PROFILE
STA 246+00 - 247+50

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 11

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Public and Private Watermain Extension.DWG Layout: 11 P&P_fitch_Priv 246-247.5 User: hatfieldt Plotted: Jul 07, 2015 - 11:49am



PROPOSED STORM SEWER PIPE SCHEDULE			
PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P-70	56	0.39%	38"x60"
P-71	52	1.92%	24"RCP

QUARRY VISTA

FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15
3		

DRAWN BY DOS

CHECKED BY DJH

LACY ROAD BIKE PATH AND WATER MAIN PLAN AND PROFILE
STA 280+00 - 286+00

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40

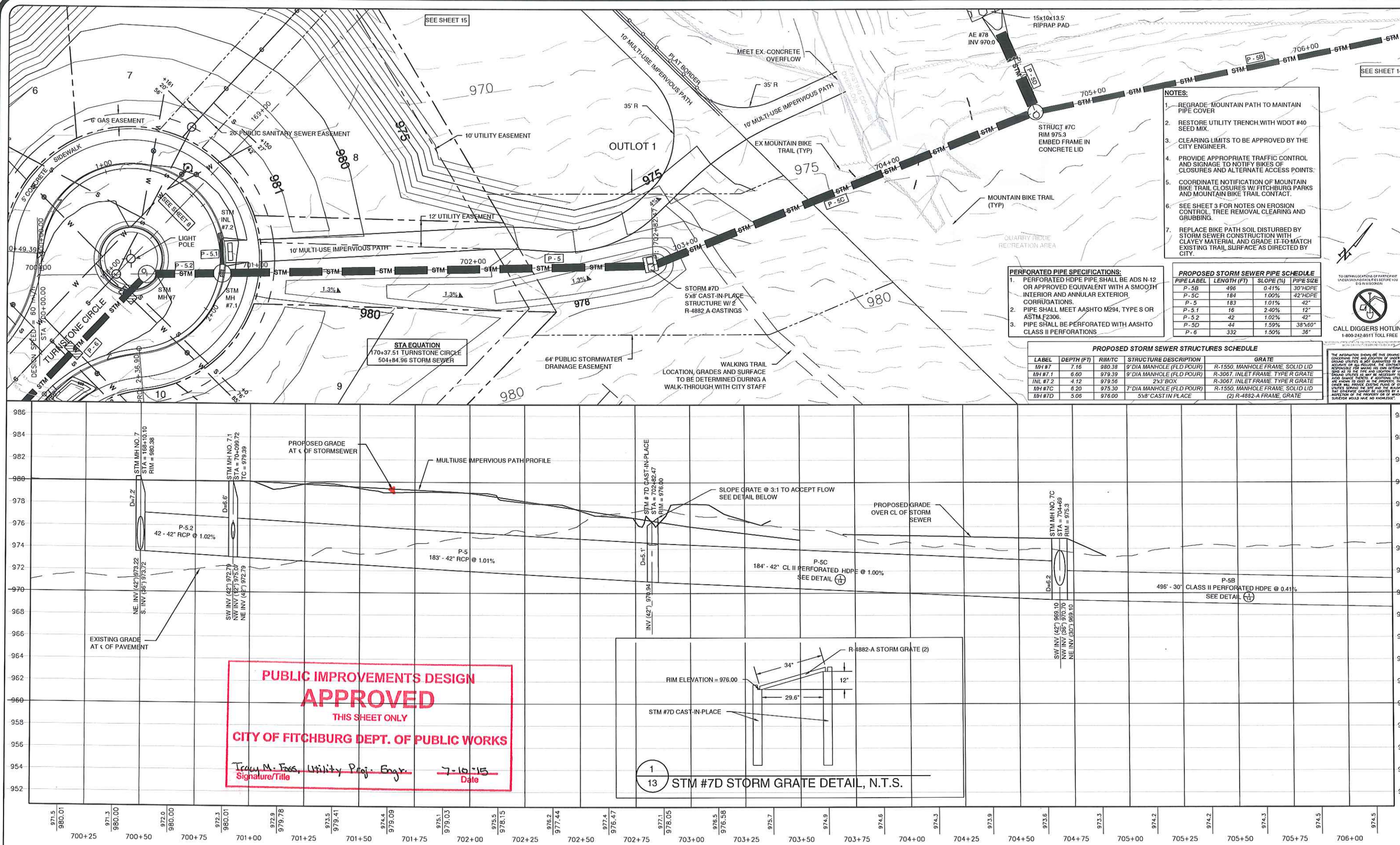
SCALE 1" = 40'

PROJECT NO. 1613

DATE 03/24/15

SHEET NO. 12

File: P:\1613 - Hamm Farm Land Property Development\Drawings\02_Final\Phase 1 March 2015\Plan and Profile_Public and Private Watermain Extension.DWG Layout: 12 P&P_LR_Priv 280-286 User: hatfield1 Plotted: Jul 08, 2015 - 9:19am



NOTES:

1. REGRADE MOUNTAIN PATH TO MAINTAIN PIPE COVER
2. RESTORE UTILITY TRENCH WITH WDOT #40 SEED MIX.
3. CLEARING LIMITS TO BE APPROVED BY THE CITY ENGINEER.
4. PROVIDE APPROPRIATE TRAFFIC CONTROL AND SIGNAGE TO NOTIFY BIKES OF CLOSURES AND ALTERNATE ACCESS POINTS.
5. COORDINATE NOTIFICATION OF MOUNTAIN BIKE TRAIL CLOSURES W/ FITCHBURG PARKS AND MOUNTAIN BIKE TRAIL CONTACT.
6. SEE SHEET 3 FOR NOTES ON EROSION CONTROL, TREE REMOVAL CLEARING AND GRUBBING.
7. REPLACE BIKE PATH SOIL DISTURBED BY STORM SEWER CONSTRUCTION WITH CLAYEY MATERIAL AND GRADE IT TO MATCH EXISTING TRAIL SURFACE AS DIRECTED BY CITY.

PERFORATED PIPE SPECIFICATIONS:

1. PERFORATED HDPE PIPE SHALL BE ADS N-12 OR APPROVED EQUIVALENT WITH A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS.
2. PIPE SHALL MEET AASHTO M294, TYPE S OR ASTM F2306.
3. PIPE SHALL BE PERFORATED WITH AASHTO CLASS II PERFORATIONS

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P-5B	496	0.41%	30"HDPE
P-5C	184	1.00%	42"HDPE
P-5	183	1.01%	42"
P-5.1	16	2.40%	12"
P-5.2	42	1.02%	42"
P-5D	44	1.59%	38"x60"
P-6	332	1.50%	36"

PROPOSED STORM SEWER STRUCTURES SCHEDULE

LABEL	DEPTH (FT)	RIM/TC	STRUCTURE DESCRIPTION	GRATE
MH #7	7.16	980.38	9' DIA MANHOLE (FLD POUR)	R-1550, MANHOLE FRAME, SOLID LID
MH #7.1	6.60	979.39	9' DIA MANHOLE (FLD POUR)	R-3067, INLET FRAME, TYPE R GRATE
INL #7.2	4.12	979.56	2'x3' BOX	R-3067, INLET FRAME, TYPE R GRATE
MH #7C	6.20	975.30	7' DIA MANHOLE (FLD POUR)	R-1550, MANHOLE FRAME, SOLID LID
MH #7D	5.06	976.00	5'x8' CAST IN PLACE	(2) R-4882-A FRAME, GRATE

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS BELIEVED TO BE ACCURATE OF ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE TO UTILITIES OR STRUCTURES AND KNOWN TO EXIST IN THE PROPERTY. THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE."

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THIS SHEET ONLY
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS
Tracy M. Foss, Utility Proj. Engr. — Signature/Title
7-10-15 — Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP
CHECKED BY DJH

STORM SEWER OUTFALL PLAN AND PROFILE STA 700+00 - 706+00

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE (0 20 40)
SCALE 1" = 40'

PROJECT NO. 1613
DATE 3/24/15
SHEET NO. 13

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Storm Discharge.dwg Layout: 13 P&P_STM_700-706 User: hatfield1 Plotted: Jul 07, 2015 - 1:25pm

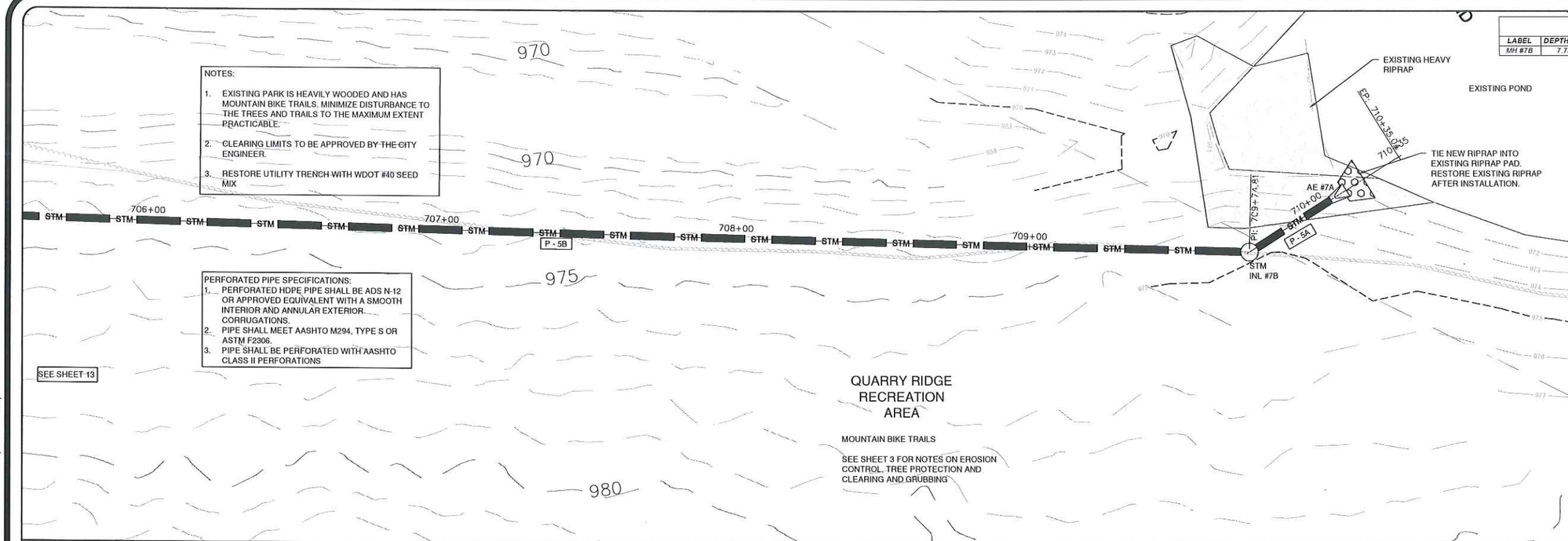
NOTES:

1. EXISTING PARK IS HEAVILY WOODED AND HAS MOUNTAIN BIKE TRAILS. MINIMIZE DISTURBANCE TO THE TREES AND TRAILS TO THE MAXIMUM EXTENT PRACTICABLE.
2. CLEARING LIMITS TO BE APPROVED BY THE CITY ENGINEER.
3. RESTORE UTILITY TRENCH WITH WDOT #40 SEED MIX

PERFORATED PIPE SPECIFICATIONS:

1. PERFORATED HDPE PIPE SHALL BE ADS N-12 OR APPROVED EQUIVALENT WITH A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS.
2. PIPE SHALL MEET AASHTO M294, TYPE S OR ASTM F2306.
3. PIPE SHALL BE PERFORATED WITH AASHTO CLASS II PERFORATIONS

SEE SHEET 13



PROPOSED STORM SEWER STRUCTURES SCHEDULE

LABEL	DEPTH (FT)	RIM/TC	STRUCTURE DESCRIPTION	GRATE
MH #7B	7.73	974.81	6' DIA MANHOLE	R-1550, MANHOLE FRAME, SOLID LID

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE LABEL	LENGTH (FT)	SLOPE (%)	PIPE SIZE
P - 5A	47	0.17%	30"
P - 5B	496	0.41%	30"HDPE

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

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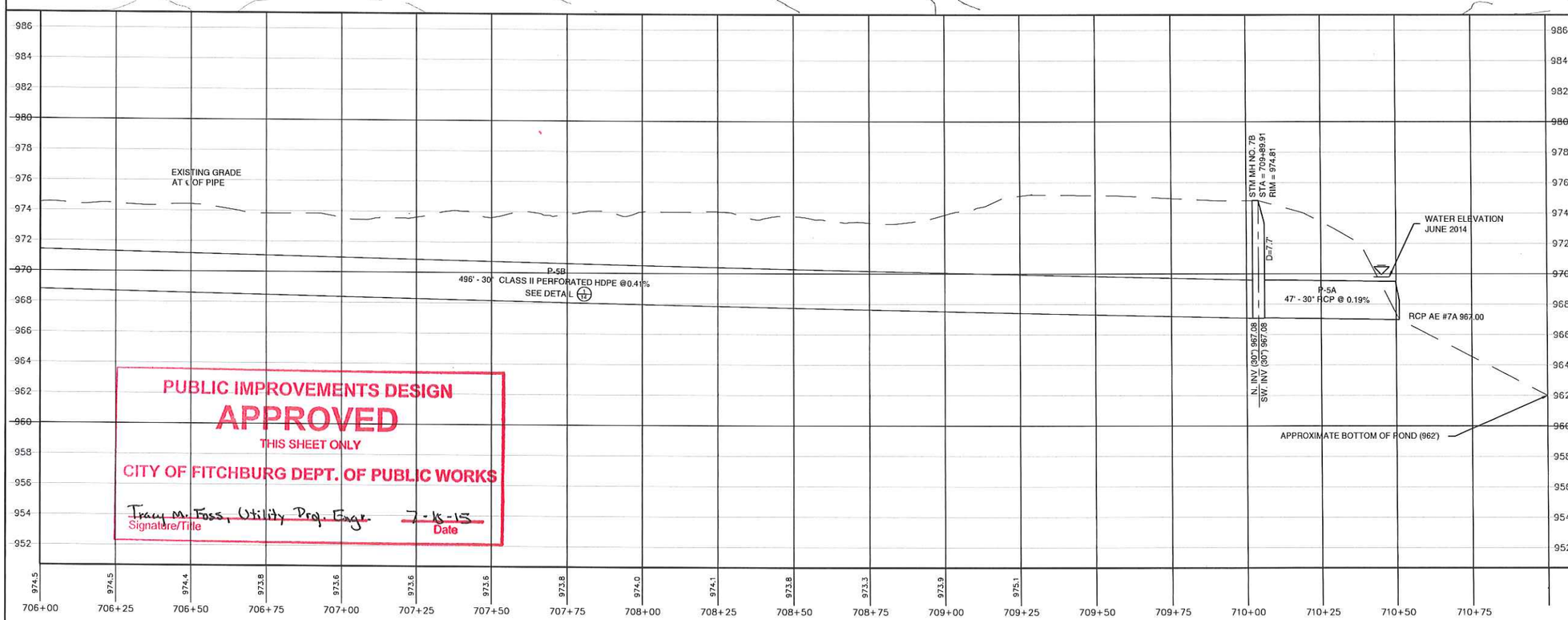

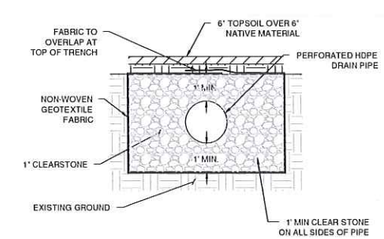

1/14 PERFORATED PIPE TRENCH DETAIL

PUBLIC IMPROVEMENTS DESIGN
APPROVED
THIS SHEET ONLY
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS
Tracy M. Foss, Utility Proj. Engr. 7-15-15
Signature/Title Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

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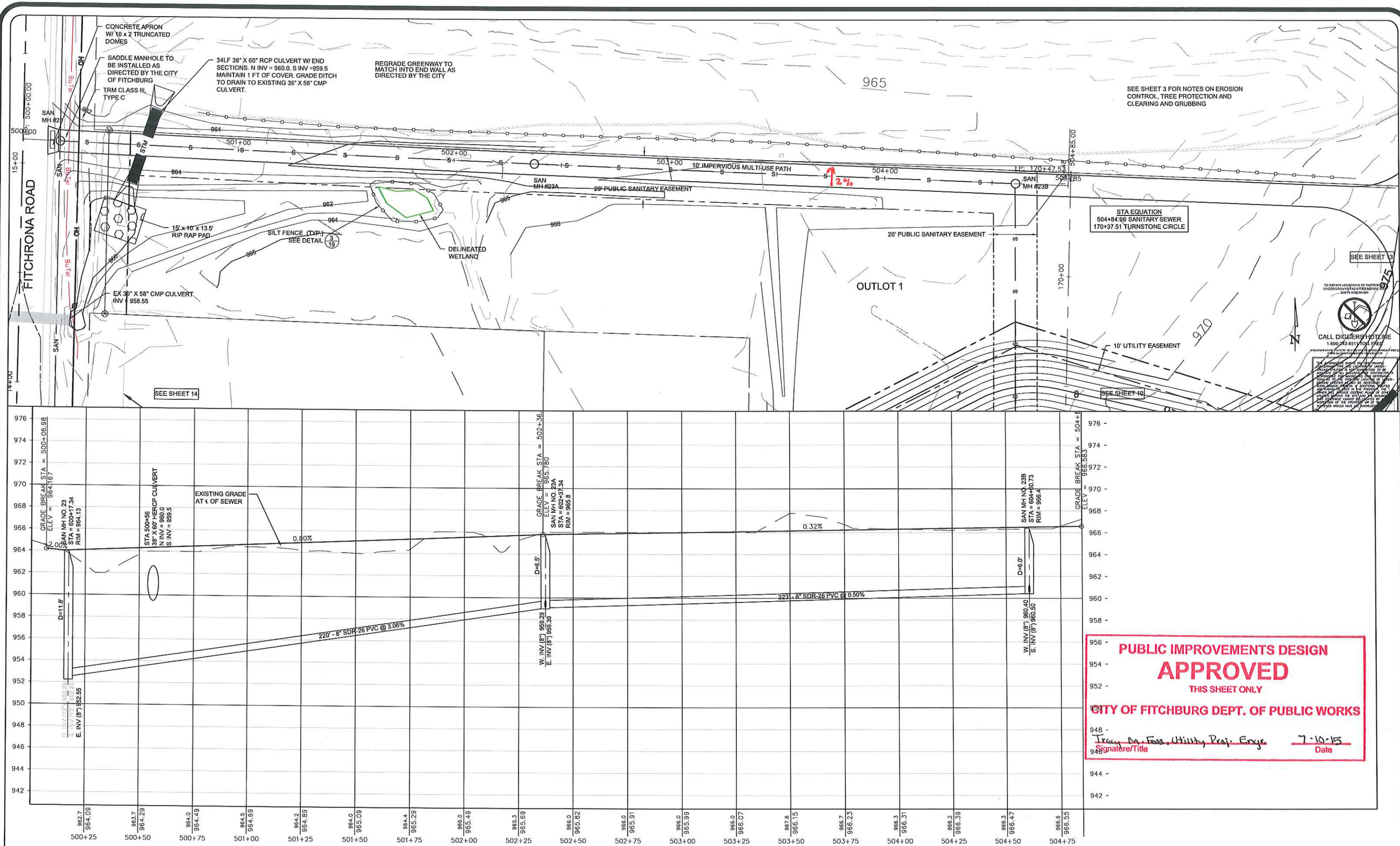
DRAWN BY RDP
CHECKED BY DJH

STORM SEWER OUTFALL
PLAN AND PROFILE
STA 706+00 - 711+00

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 14

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Storm Discharge.dwg Layout: 14 P&P_STM_706-712 User: hatfield1 Plotted: Jul 07, 2015 - 1:27pm



PUBLIC IMPROVEMENTS DESIGN
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Signature/Title Date

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SANITARY SEWER
PLAN AND PROFILE
STA 500+00 - 505+00

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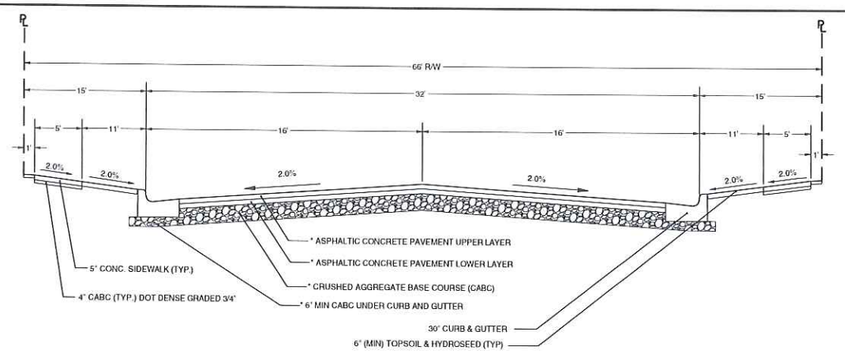
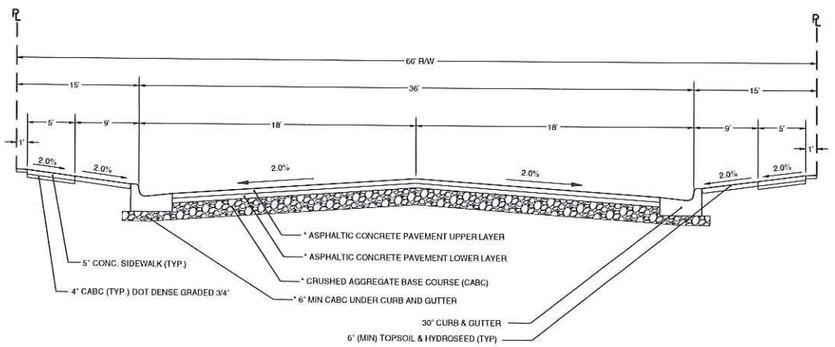
0 20 40
SCALE 1" = 40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 15

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Plan and Profile_Storm Discharge.dwg Layout: 15 P&P_san-500-505 User: hatfield1 Plotted: Jul 09, 2015 - 8:21am



RESIDENTIAL STREETS:
66' RIGHT-OF-WAY
32' STREET WIDTH
TURNSTONE CIRCLE, TURNSTONE LANE, STONE GATE DRIVE,
ROCK RIDGE ROAD, SUMMIT VIEW DRIVE, BROWNSTONE ROAD



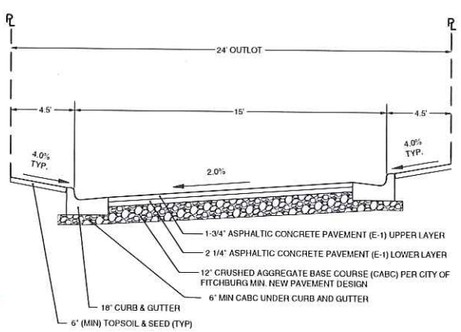
COLLECTOR STREETS:
66' RIGHT-OF-WAY
36' STREET WIDTH
QUARRY VISTA DRIVE

* CITY OF FITCHBURG MINIMUM NEW PAVEMENT DESIGN

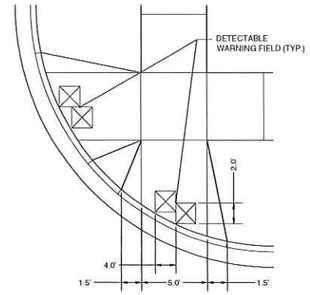
TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT				ASPHALT MATERIAL
	LOWER LAYER DENSE 3";	UPPER LAYER DENSE 1-1/4";	LOWER LAYER		UPPER LAYER		
			TYPE	THICKNESS	TYPE	THICKNESS	
RESIDENTIAL	7"-8"	4"-5"	E-1	2-1/4"	E-1	1-3/4"	PG 58-28
COLLECTOR	7"-8"	4"-5"	E-1	2-3/4"	E-1	1-3/4"	PG 64-22
ARTERIAL	7"-8"	4"-5"	E-3	3"	E-3	2-1/4"	PG 64-22

* NOTE: ALL CUL-DE-SAC BULBS SHALL INCREASE BINDER AND SURFACE BY 1/4"
- A TOTAL OF 4.5" IN THIS AREA.

1/16 STREET TYPES: BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 5.01



2/16 PRIVATE ALEY: 24' OUTLOT 15' STREET WIDTH



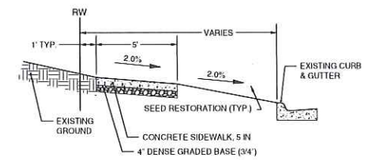
TYPE 2 RAMP PLAN VIEW

GENERAL NOTES FOR ALL SIDEWALK RAMPS

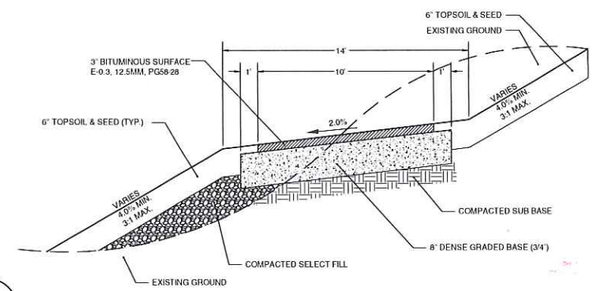
1. INSTALL CURB CUTS AT SIDEWALK RAMPS WITH EITHER FULL REMOVAL AND REPLACEMENT OR BY "SAWCUTTING" THE CURB HEAD.
2. CURB TAPERS AT CURB CUTS SHALL BE 18" UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. THE WIDTH OF THE FLAT BOTTOM OF THE RAMP AT THE CURB SHALL BE 60" MINIMUM.
4. THE MAXIMUM SLOPE OF THE RAMP BETWEEN THE BACK OF CURB AND THE FRONT OF THE DETECTABLE WARNING FIELD SHALL NOT EXCEED 2%. THE MAXIMUM SLOPE OF THE RAMP BETWEE THE FRONT OF THE DETECTABLE WARNING FIELD AND THE SIDEWALK SHALL NOT EXCEED ONE INCH PER FOOT.
5. ALL HANDICAP RAMPS SHALL INCLUDE DETECTABLE WARNING FIELDS WITH TRUNCATED DOMES.
6. DETECTABLE WARNING FIELD SHALL BE ORIENTATED IN A MANNER THAT IT IS PARALLEL TO THE DIRECTION OF PEDESTRIAN TRAFFIC. WHEN CURB IS PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAFFIC, INSTALL DETECTABLE WARNING FIELD TIGHT TO BACK OF CURB. WHEN CURB IS NOT PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAFFIC, STAGGER DETECTABLE WARNING FIELD PANELS TO MINIMIZE SPACE BETWEEN DETECTABLE WARNING FIELD PANELS AND BACK OF CURB.
7. FOR A SIDEWALK RAMP, DETECTABLE WARNINGS SHALL BE A MINIMUM OF 4' X 2'. FOR A BIKE PATH RAMP, DETECTABLE WARNINGS SHALL BE A MINIMUM OF 8' X 2'.
8. WHEN CONDITIONS REQUIRE MORE INFORMATION, REFER TO "UFAS" UNIFORM FEDERAL ACCESSIBILITY STANDARDS).

GENERAL NOTES FOR ALL SIDEWALK

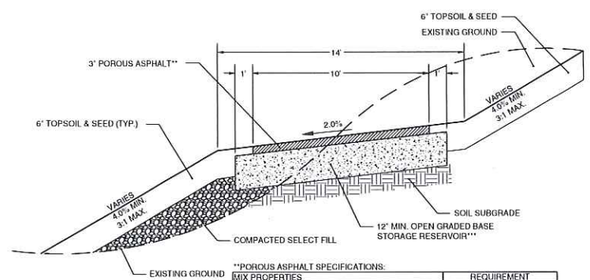
1. SIDEWALK THICKNESS SHALL BE 7-INCHES THROUGH DRIVEWAYS, 6-INCHES AT RAMPS, AND 5-INCHES FOR ALL PUBLIC SIDEWALK.
2. SIDEWALK CROSS-SLOPE SHALL NOT EXCEED 2.0%
3. PROVIDE A 1/2" EXPANSION JOINT AT ALL RAMP LOCATIONS, THROUGH DRIVEWAYS, AGAINST THE CURB AND GUTTER, AND EVERY 200' OF THE SIDEWALK.
4. CONSTRUCTION FORMS SHALL BE EQUAL TO OR GREATER THAN THE SIDEWALK THICKNESS.



3/16 SIDEWALK & PATHS:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 4.02



4/16 MULTI-USE IMPERVIOUS PATH:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 4.02

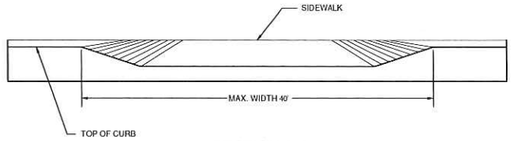


**POROUS ASPHALT SPECIFICATIONS:

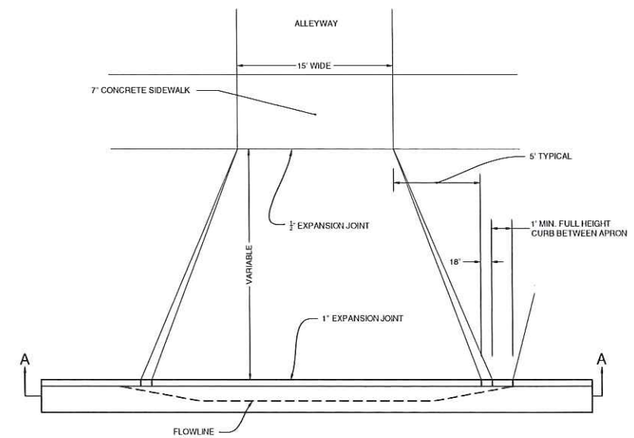
MIX PROPERTIES	REQUIREMENT
AIR VOIDS (AASHTO T 269-11/ASTM D3203M-11	> 16%
DRAINDOWN (AASHTO T 305-09/ASTM 6390-11	≤ 0.3%
ASPHALT CONTENT (BY WEIGHT OF TOTAL MIX)	5.75% MIN.
NOMINAL AGGREGATE SIZE	9.5 mm

***OPEN GRADED BASE CONSISTING OF CRUSHED STONE OR GRAVEL WITH NO GREATER THAN 5% PASSING NO. 200 SIEVE WITH MIN. POROSITY OF 30%.

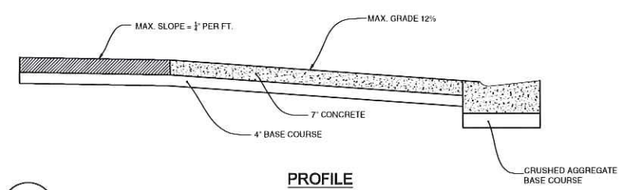
5/16 MULTI-USE PERVIOUS PATH:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 4.02 & WDNR CONSERVATION PRACTICE STANDARD 1008



SECTION A-A



PLAN



PROFILE

6/16 COMMERCIAL DRIVEWAY FOR ALLEYWAYS AND APTS:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 4.03

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Signature/Title Date

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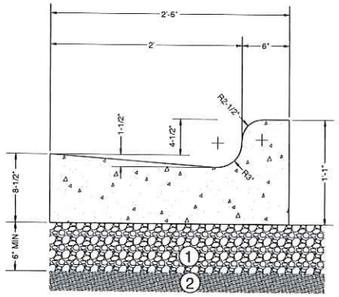
CHECKED BY DJH

TYPICAL SECTIONS

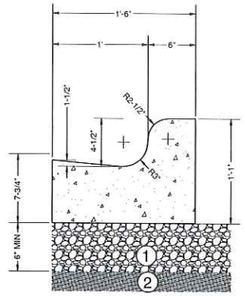
SCALE NTS

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 16

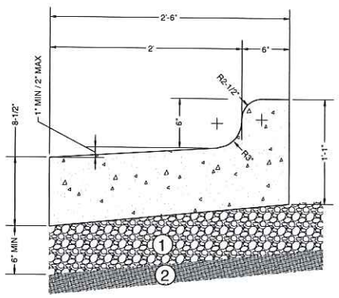
File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Title Sheet and Details Rev.dwg Layout: 16 Typical Sections User: hatfield Plotted: Jul 07, 2015 - 10:29am



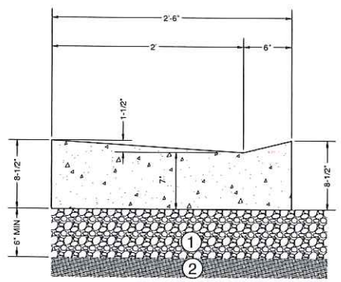
30" CONCRETE CURB & GUTTER



18" CONCRETE CURB & GUTTER



30" C&G REJECT SECTION

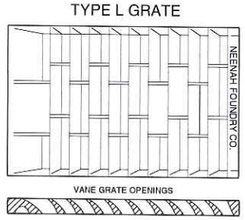


30" DRIVEWAY SECTION

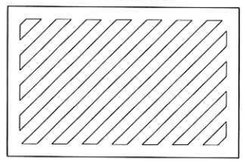
(1) DENSE GRADED BASE 1-1/4" (TYP.), SHALL BE PROVIDED 18" BEYOND THE BACK OF CURB
(2) COMPACTED SUB BASE

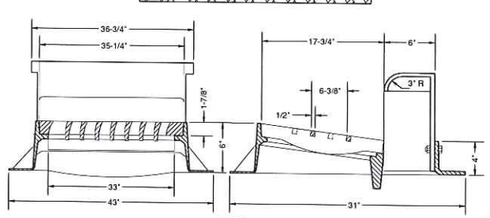
1/17 CONCRETE CURB AND GUTTER:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 4.01

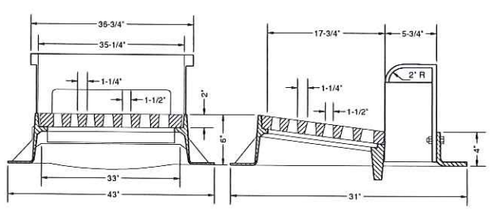
TYPE L GRATE



TYPE R GRATE

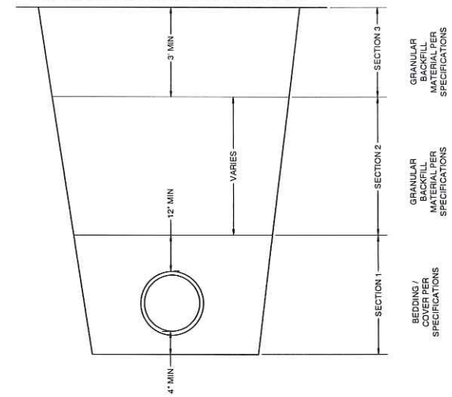






4/17 INLET COVERS, TYPE H:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 6.03

PROPOSED OR EXISTING SUBGRADE



STANDARD TRENCH COMPACTION

ALL BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12' BEFORE COMPACTION UNLESS AUTHORIZED BY THE ENGINEER DUE TO THE CHARACTER OF THE MATERIAL AND THE COMPACTING EQUIPMENT. EACH LIFT SHALL BE MECHANICALLY COMPACTED TO THE REQUIRED DENSITY PRIOR TO PLACING SUCCEEDING LEFTS OF BACKFILL MATERIAL.

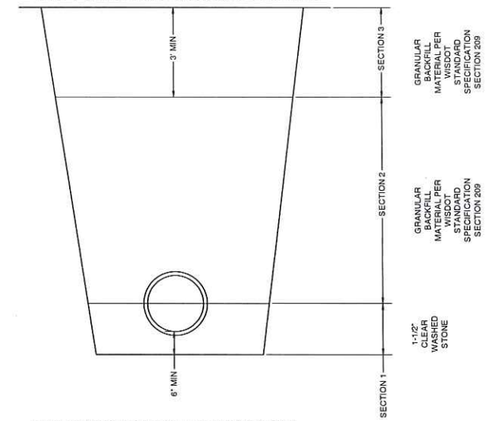
SECTION 1:
MECHANICALLY COMPACTED BEDDING AS REQUIRED PER SPECIFICATIONS. COMPACTION ACHIEVED WITH SMALLER PLATE COMPACTOR.

SECTION 2:
MINIMUM COMPACTION 90% MAXIMUM DENSITY. COMPACTION OF BACKFILL WITH BOMAG OR HOE-PAC SHALL NOT BEGIN UNTIL THE DEPTH OF BACKFILL MATERIAL IS TWO (2) FEET ABOVE THE TOP OF PIPE.

SECTION 3:
MINIMUM COMPACTION 95% MAXIMUM DENSITY.

2/17 SANITARY SEWER & WATER MAIN TRENCH:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 7.01

PROPOSED OR EXISTING SUBGRADE



STANDARD TRENCH COMPACTION

ALL BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12' BEFORE COMPACTION UNLESS AUTHORIZED BY THE ENGINEER DUE TO THE CHARACTER OF THE MATERIAL AND THE COMPACTING EQUIPMENT. EACH LIFT SHALL BE MECHANICALLY COMPACTED TO THE REQUIRED DENSITY PRIOR TO PLACING SUCCEEDING LEFTS OF BACKFILL MATERIAL.

SECTION 1:
MINIMUM COMPACTION 95% MAXIMUM DENSITY. COMPACTION OF BACKFILL WITH BOMAG OR HOE-PAC SHALL NOT BEGIN UNTIL THE DEPTH OF BACKFILL MATERIAL IS TWO (2) FEET ABOVE THE TOP OF PIPE.

SECTION 2:
MINIMUM COMPACTION 90% MAXIMUM DENSITY.

SECTION 3:
MINIMUM COMPACTION 95% MAXIMUM DENSITY.

3/17 STORM SEWER TRENCH:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 6.01

PUBLIC IMPROVEMENTS DESIGN
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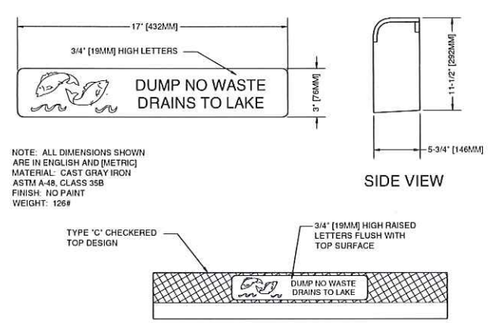
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS
Tracy M. Foss, Utility Proj. Engr. — 7-10-15
Signature/Title — Date

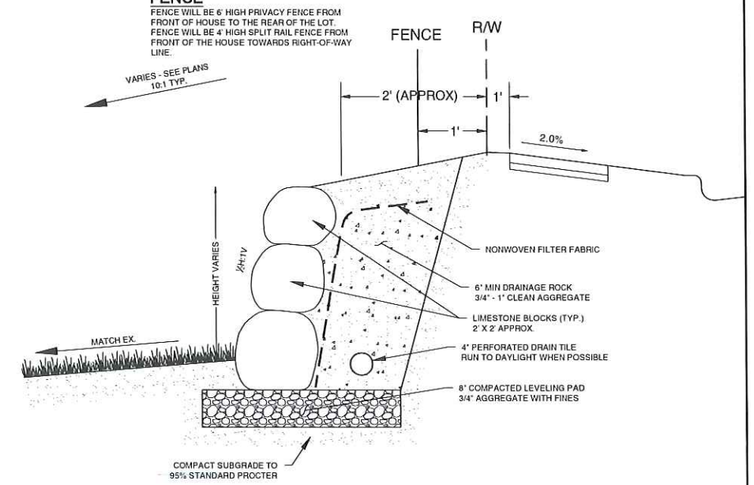


NOTE: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND [METRIC]
MATERIAL: CAST GRAY IRON
ASTM A-48, CLASS 35B
FINISH: NO PAINT
WEIGHT: 126#

5/17 CURB BOX:
BASED ON THE CITY OF FITCHBURG STANDARD DETAIL SHEET 6.02

FENCE

FENCE WILL BE 6' HIGH PRIVACY FENCE FROM FRONT OF HOUSE TO THE REAR OF THE LOT. FENCE WILL BE 4' HIGH SPLIT RAIL FENCE FROM FRONT OF THE HOUSE TOWARDS RIGHT-OF-WAY LINE.



6/17 LIMESTONE BLOCK RETAINING WALL

QUARRY VISTA
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CHECKED BY: DJH

TYPICAL STREET DETAILS

SCALE: NTS

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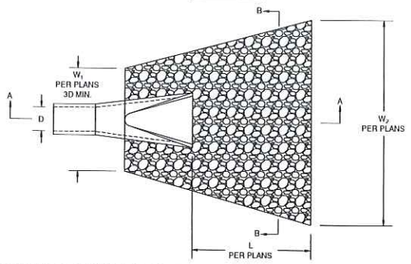
DATE 03/24/15
SHEET NO. 17

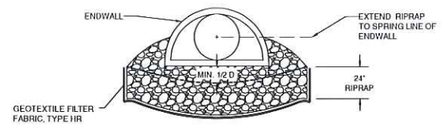
File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Title Sheet and Details Rev.dwg Layout: 17 Road Details User: hatfield1 Plotted: Jul 07, 2015 - 10:30am

PLAN VIEW*

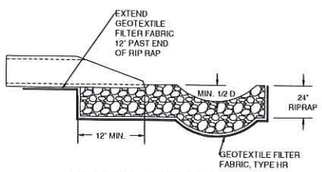


*OUTLET PROTECTION RIPRAP PAD DIMENSIONS DENOTED ON PLAN SHEETS AS $W_1 \times L \times W_2$

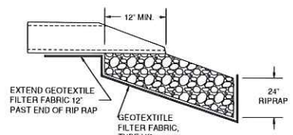
CROSS SECTION B-B



CROSS SECTION A-A



SLOPED/FLAT SWALE DISCHARGE
AND FLAT POND DISCHARGE

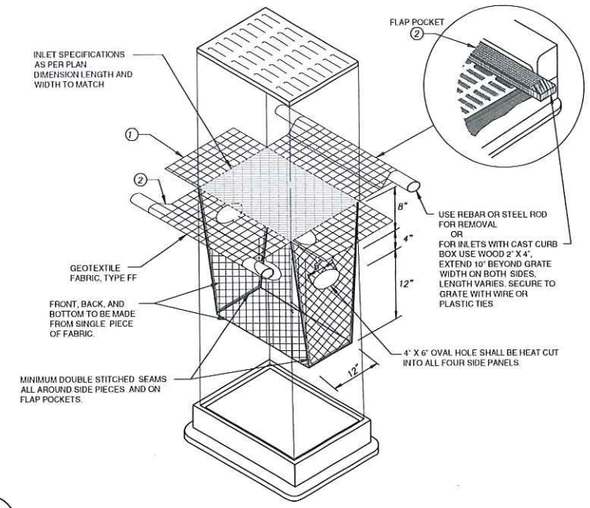


SLOPED POND DISCHARGE

NOTES:

1. RIPRAP SHALL BE WISDOT MEDIUM RIP RAP.
2. RIPRAP SHALL BE INSTALLED PER THE REQUIREMENTS OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISDOT, 2003).
3. RIPRAP SHALL BE SHAPED TO CREATE A STILLING BASIN BASIN DEPTH TO BE 1-FOOT BELOW PIPE INVERT FOR PIPES 30-INCH AND LARGER, 0.5-FOOT FOR SMALLER PIPES.
4. INSTALL END SECTION PER CITY OF FITCHBURG STANDARDS. TWO JOINT TIES ARE REQUIRED FOR LAST (DOWNSTREAM), TWO JOINTS ON ANY PIPE ENDING IN AN APRON ENDWALL.
5. RIPRAP SHALL EXTEND TO TOE OF SLOPE MIN.

1/18 OUTLET PROTECTION



INSTALLATION NOTES

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

GENERAL NOTES

THE WDNR TECHNICAL STANDARD FOR INLET PROTECTION SHALL BE FOLLOWED AT ALL TIMES. IF ANY VARIATION BETWEEN THIS DETAIL AND THE WDNR TECHNICAL STANDARD ARE FOUND, THE WDNR TECHNICAL STANDARD SHALL GOVERN.

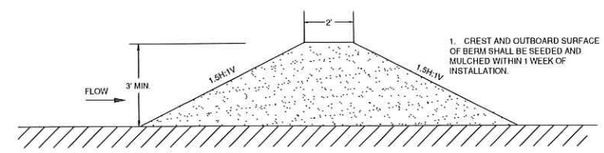
INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

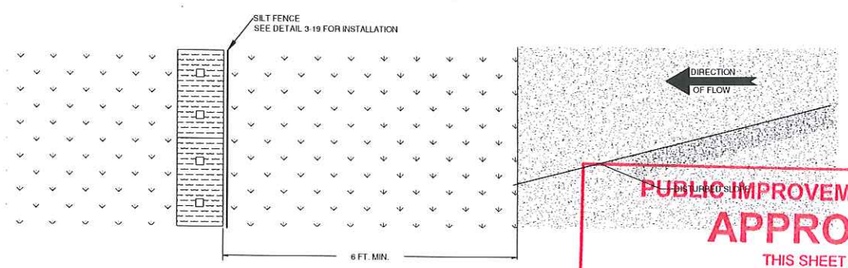
1. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
2. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

2/18 INLET PROTECTION, TYPE D



1. CREST AND OUTBOARD SURFACE OF BERM SHALL BE SEEDED AND MULCHED WITHIN 1 WEEK OF INSTALLATION.

3/18 BERM



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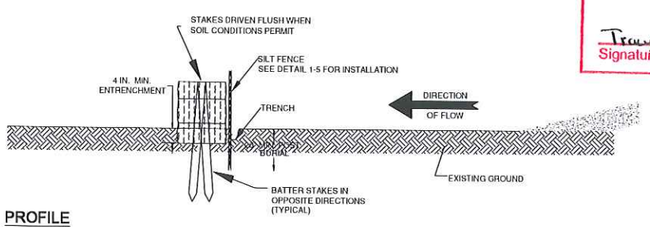
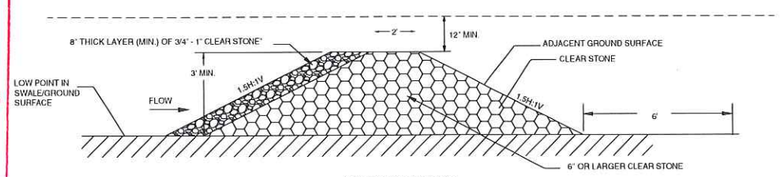
Tracy M. Foss, Utility Proj. Engr. 7-10-15
Signature/Title Date

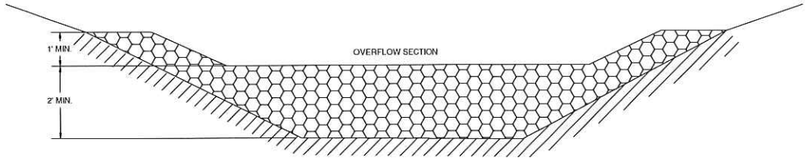


PROFILE

4/18 REINFORCED SILT FENCE



SECTION VIEW



ELEVATION VIEW

5/18 ROCK CHECK DAM / STONE WEEPER

MATERIAL NOTES

1. CHECK DAM SHALL BE CONSTRUCTED USING 6" OR LARGER CLEAR STONE.

INSTALLATION NOTES

1. CHECK DAM SHALL BE INSTALLED SUCH THAT ENDS ARE HIGHER THAN THE CENTER CREATING A STABLE OVERFLOW POINT. ENDS SHOULD BE A MINIMUM OF 6" HIGHER THAN THE EXPECTED DESIGN WATER LEVEL.

EXISTING LOCATIONS OF FACILITIES OF UNDERGROUND UTILITIES BEFORE YOU DIG, PLEASE CALL

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR ACCURATELY DETERMINING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE DEBRIS. IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST ON THE PROPERTY, THE OWNER SHOULD ADVISE THE OWNERS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE".

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

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EROSION CONTROL DETAILS

SCALE NTS

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 18

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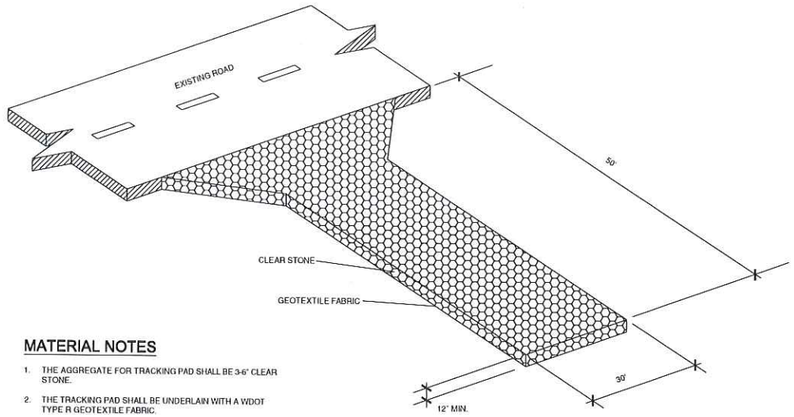


MATERIAL NOTES

1. THE AGGREGATE FOR TRACKING PAD SHALL BE 3-6" CLEAR STONE.
2. THE TRACKING PAD SHALL BE UNDERLAIN WITH A WDOT TYPE R GEOTEXTILE FABRIC.

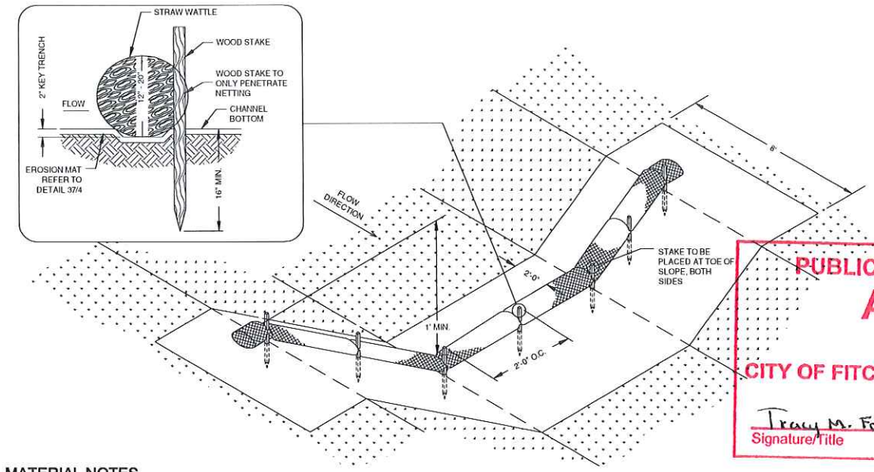
INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1057.
2. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE. STONE TRACKING PAD SHALL BE USED AT ALL POINTS OF CONSTRUCTION EGRESS.
3. DIMENSIONS OF THE TRACKING PAD SHALL BE MINIMUM AS NOTED ON THE FIGURE ABOVE.
4. SURFACE WATER SHALL BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM USING CULVERTS OR OTHER PRACTICES.
5. TRACKING PAD SHALL BE REMOVED OR INCORPORATED INTO GRAVEL DRIVEWAY ONLY AFTER CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

INSPECTION & MAINTENANCE NOTES

1. STONE TRACKING PADS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD.
2. ADDITIONAL AGGREGATE SHALL BE PLACED IF THE TRACKING PAD BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM THE VEHICLE TIRES.
3. A MINIMUM 30-FEET WIDE BY 50 FEET LONG BY 12-INCH THICK PAD SHALL BE MAINTAINED AT ALL TIMES.
4. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING AT THE END OF EACH WORKING DAY.
6. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.

1/19 CONSTRUCTION ENTRANCE (TRACKING PAD)



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MATERIAL NOTES

1. DITCH CHECKS SHALL BE CONSTRUCTED OF APPROVED MATERIALS LISTED IN WISCONSIN DEPARTMENT OF TRANSPORTATION EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) FOR TEMPORARY DITCH CHECKS.
2. EROSION MAT SHALL BE SELECTED AND INSTALLED PER THE REQUIREMENTS LISTED IN DETAIL D-7.
3. WOOD STAKES SHALL MEET THE FOLLOWING REQUIREMENTS:
   FOR 12" SEDIMENT LOGS: 1½" X 1½" X 30" AIR OR KILN DRIED HICKORY OR OAK STAKES
   FOR 20" SEDIMENT LOGS: 1½" X 1½" X 48" AIR OR KILN DRIED HICKORY OR OAK STAKES

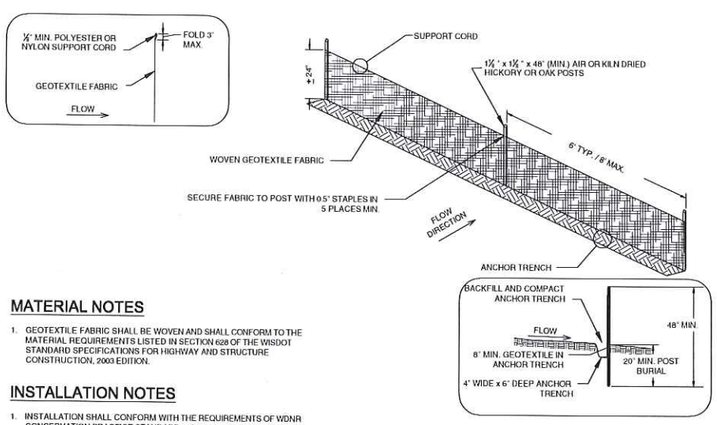
INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1062.
2. PROPRIETARY DITCH CHECKS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. DITCH CHECK SHALL BE INSTALLED SUCH THAT ENDS ARE HIGHER THAN THE CENTER CREATING A STABLE OVERFLOW POINT. ENDS SHOULD BE A MINIMUM OF 6" HIGHER THAN THE EXPECTED DESIGN WATER LEVEL.
4. DITCH CHECKS SHOULD BE INSTALLED SUCH THAT ADJOINING PROPERTY IS NOT NEGATIVELY IMPACTED.
5. DITCH CHECKS SHOULD BE USED IN CONJUNCTION WITH OTHER PERMANENT RESTORATION PRACTICES.

INSPECTION & MAINTENANCE NOTES

1. DITCH CHECKS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD.
2. WHEN OBSERVING CONDITIONS OF DITCH CHECKS, PAY SPECIAL CONSIDERATION TO THE PRESENCE OF INDICATORS THAT WATER IS ERODING AROUND THE ENDS, UNDERCUTTING THE DITCH CHECK, OR SIGNIFICANT EROSION IS OCCURRING DOWNSTREAM OF THE DITCH CHECK. THESE ITEMS MAY INDICATE THE NEED FOR CLOSER SPACING ON DITCH CHECKS OR USE OF A DIFFERENT EROSION MAT.
3. SEDIMENT SHALL BE REMOVED FROM BEHIND THE DITCH CHECK WHEN IT REACHES ½ THE HEIGHT OF THE LOWEST ELEVATION OF THE DITCH CHECK.
4. DITCH CHECKS SHALL BE REMOVED ONCE CHANNEL IS STABILIZED WITH VEGETATION UNLESS PART OF A PERMANENT STORMWATER MANAGEMENT PLAN.
5. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.

2/19 DITCH CHECK



MATERIAL NOTES

1. GEOTEXTILE FABRIC SHALL BE WOVEN AND SHALL CONFORM TO THE MATERIAL REQUIREMENTS LISTED IN SECTION 628 OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2003 EDITION.

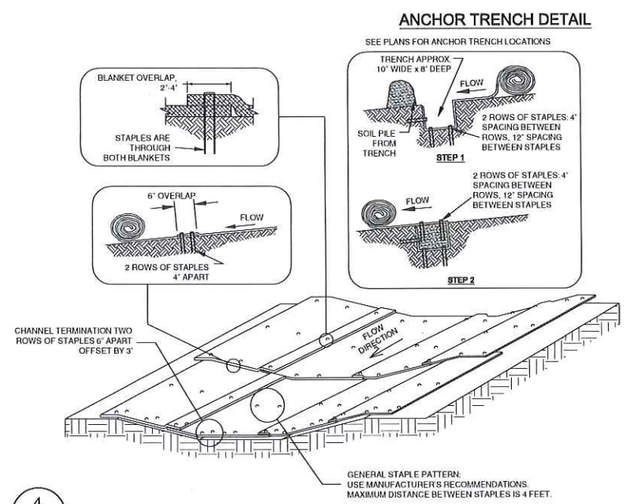
INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1056.
2. CONSTRUCT THE SILT FENCE IN AN ARC WITH THE ENDS POINTING UPSLOPE TO AVOID EROSION AROUND THE ENDS OF THE FENCE.
3. FAILURE TO PROPERLY ANCHOR SILT FENCE COULD RESULT IN WATER AND SEDIMENT RELEASE BENEATH THE SILT FENCE. PROPERLY SECURE THE SILT FENCE INTO THE ANCHOR TRENCH.
4. CONSTRUCT THE FENCE FROM A CONTINUOUS ROLL OF GEOTEXTILE TO AVOID JOINTS. WHERE JOINTS ARE NECESSARY, OVERLAP TO THE NEXT POST OR WRAP ADJOINING FABRICS TOGETHER AROUND THE JOINT POST AND TIGHTLY FASTEN.
5. SILT FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW.

INSPECTION & MAINTENANCE NOTES

1. AT A MINIMUM, PERFORM INSPECTIONS WEEKLY AND WITHIN 24 HOURS OF PRECIPITATION EVENTS PRODUCING 0.5 INCHES OR MORE OF RAINFALL.
2. INSPECT FENCES FOR DAMAGE TO STAKES AND FABRIC, UNDERCUTTING, EXCESSIVE SEDIMENT ACCUMULATION (GREATER THAN ½ OF THE FENCE HEIGHT), AND INDICATIONS OF SCOUR AROUND THE EDGES.
3. REPAIR OR REPLACE SILT FENCE WITHIN 24 HOURS OF IDENTIFYING ANY DEFICIENCIES.

3/19 SILT FENCE



MATERIAL NOTES

1. ONLY PRODUCTS LISTED IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) ARE ACCEPTABLE FOR USE.
2. BIODEGRADABLE PLASTIC EROSION MAT STAKES REQUIRED.

INSTALLATION NOTES

1. EROSION CONTROL REVEGETATIVE MATS (ECRM) SHALL BE INSTALLED AFTER TOPSOIL AND SEED HAVE BEEN PLACED.
2. INSTALLATION OF ECRM SHOULD BE COORDINATED WITH PERMANENT RESTORATION PRACTICES.
3. INSTALLATION SHALL CONFORM WITH WDNR CONSERVATION PRACTICE STANDARD 1053.
4. ALL PRODUCTS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS. THIS STANDARD DETAIL IS AN EXAMPLE OF TYPICAL INSTALLATION GUIDANCE.
5. MATS SHALL BE IN FIRM AND CONTINUOUS CONTACT WITH THE SOIL.
6. IF SECTIONS OF ECRM NEED TO BE OVERLAPPED, ENSURE THAT THE OVERLAP IS FACING DOWNSTREAM TO PREVENT WATER FROM FLOWING BENEATH THE ECRM.

INSPECTION & MAINTENANCE NOTES

1. INSTALL ADDITIONAL ANCHORING IN AREAS OF OBSERVED RILLING AND CONCENTRATED FLOW BENEATH THE EROSION MAT. IF RILLING IS SEVERE ENOUGH TO PREVENT VEGETATION ESTABLISHMENT, REMOVE EROSION MAT, REGRADE, COMPACT, RE-SEED, AND REPLACE THE SECTION OF MAT.
2. ALL MAINTENANCE ACTIVITIES SHOULD OCCUR AS SOON AS POSSIBLE WITH CONSIDERATION OF SITE CONDITIONS.

4/19 EROSION CONTROL MAT (CHANNELS)

TO LOCATE UNDERGROUND UTILITIES CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE

"THE INFORMATION SHOWN ON THIS DRAWING REGARDING THE SIZE, TYPE AND LOCATION OF EXISTING GROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES. IF ANY ARE FOUND TO EXIST AND SHOULD DAMAGE THEREIN, IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST IN THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THEREON. OTHERWISE, THE OWNER WILL MAKE A VISUAL INSPECTION OF THE PROPERTY OR OF WHOM THE SURVEYOR WOULD HAVE NO KNOWLEDGE".

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FITCHBURG, WI
HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
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2	FOR CONSTRUCTION	7/7/15

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EROSION CONTROL DETAILS

SCALE: NTS
PROJECT NO.: 1613
DATE: 03/24/15
SHEET NO.: 19

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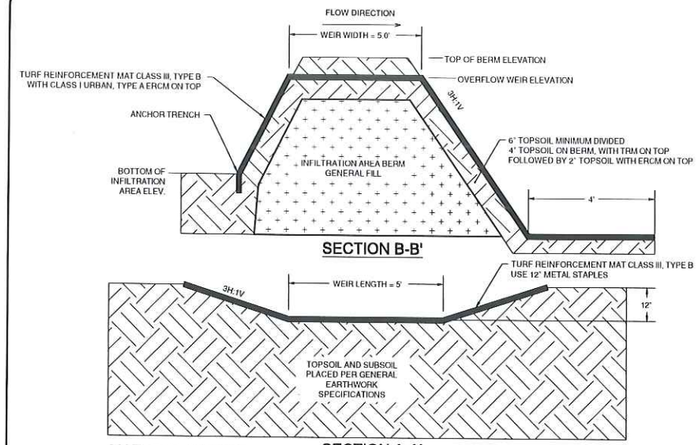


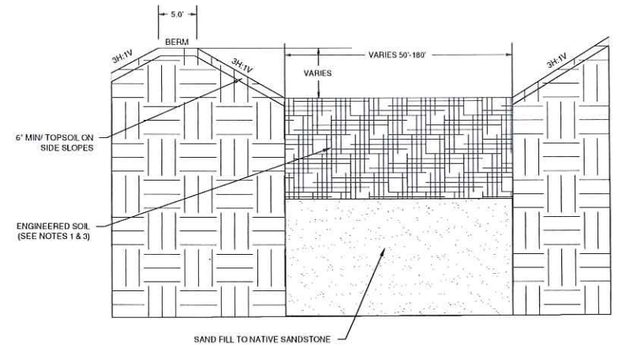
MATERIAL NOTES:

1. SEE RESTORATION NOTES ON GRADING, EROSION CONTROL, AND UTILITY PLAN.

INSTALLATION NOTES:

1. INSTALL TRM PER MANUFACTURER'S SPECIFICATIONS INCLUDING TRENCH ANCHORING.
2. LONG DIMENSION OF TRM ROLL SHAL BE ALONG THE FLOW DIRECTION TO AVOID SEAMS PERPENDICULAR TO FLOW.

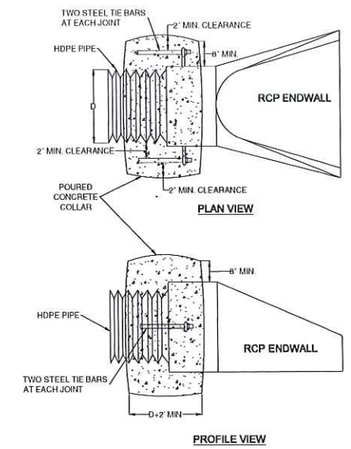
1/20 PRIVATE OUTLOT INFILTRATION FACILITY OVERFLOW WEIR



NOTES:

1. ENGINEERED SOIL SHALL CONSIST OF A MIXTURE OF 70 TO 85% SAND AND 15 TO 30% COMPOST. COMPOST SHALL BE CERTIFIED ACCORDING TO WDNR SPECIFICATION S100. ENGINEER SHALL APPROVE MATERIAL SOURCE PRIOR TO INSTALLATION.
2. CONSTRUCTION METHODS SHALL FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1004.
3. ENGINEERED SOIL SHALL BE PRE-MIXED PRIOR TO PLACEMENT AND THE MOISTURE CONTENT SHALL BE LOW TO AVOID COMPACTION AND CLUMPING. THE ENGINEERED SOIL SHALL BE PLACED IN MULTIPLE LIFTS, EACH APPROXIMATELY 12 INCHES IN DEPTH. ENGINEERED SOIL CAN BE CAREFULLY TAPPED WITH A BUCKET OR SIMILAR METHOD TO PROVIDE FIRM SURFACE FOR SEEDING BUT COMPACTION WITH HEAVY EQUIPMENT OR VIBRATING PLATE-STYLE COMPACTORS SHALL NOT BE USED.
4. PLANTING AND SEEDING OF INFILTRATION FACILITIES TO BE DIRECTED BY ENGINEER AS DESCRIBED PER LANDSCAPE PLAN FOUND IN APPENDIX H OF STORMWATER MANAGEMENT PLAN.
5. SAND FILL BELOW ENGINEERED SOIL TO BE PLACED AS SHOWN ON SHEET 23.

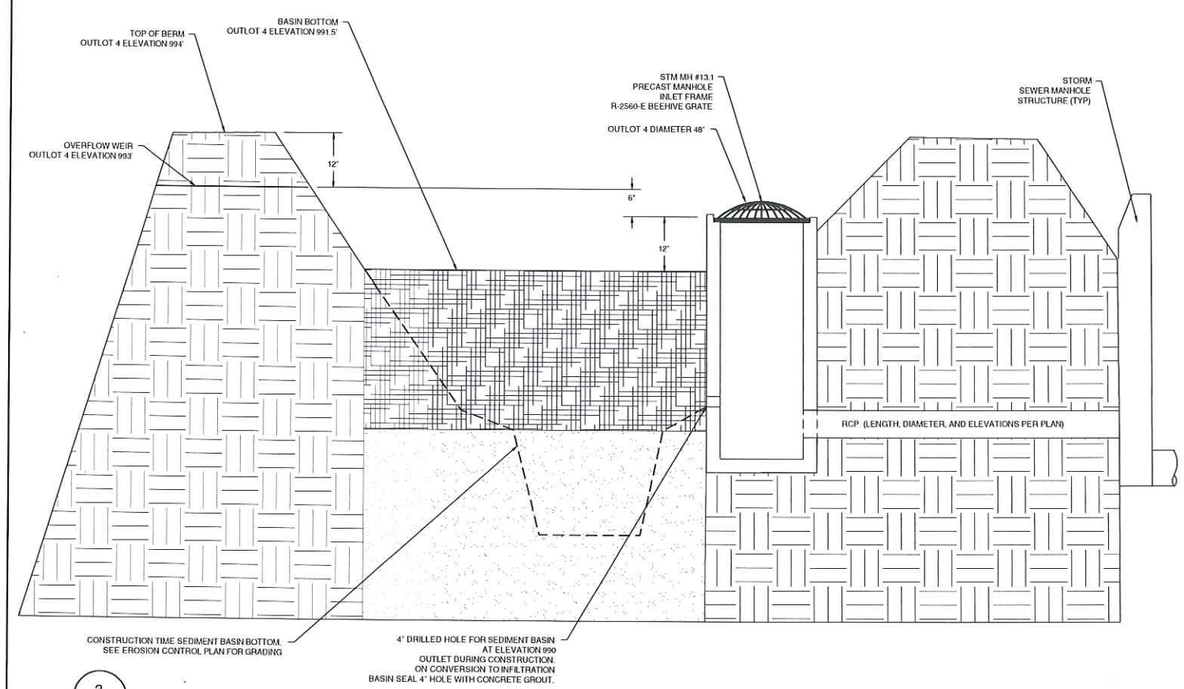
2/20 PRIVATE OUTLOT INFILTRATION FACILITY CROSS SECTION VIEW



NOTE:

1) BOLT STEEL JOINT TIES TO ENDWALL, DO NOT ATTACH TO HDPE PIPE.

4/20 RCP ENDWALL CONNECTION TO HDPE PIPE



3/20 PRIVATE OUTLOT INFILTRATION FACILITY OUTLET STRUCTURE

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STORMWATER MANAGEMENT DETAILS

SCALE: NTS

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 20

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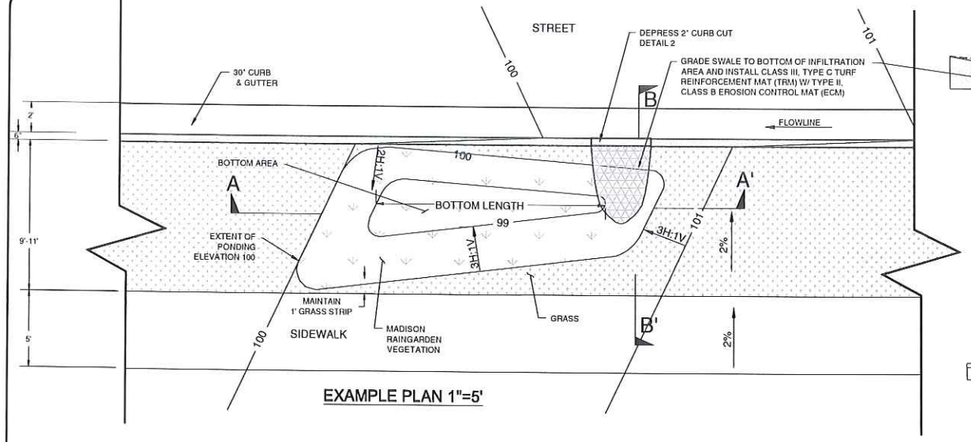
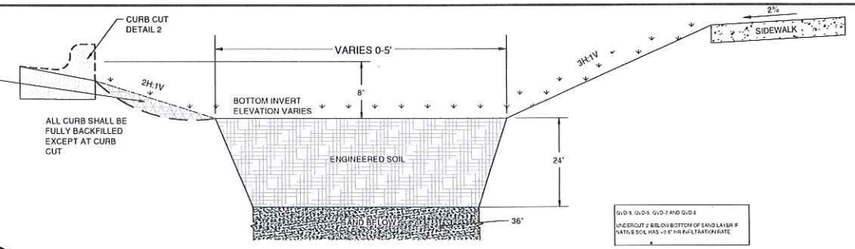
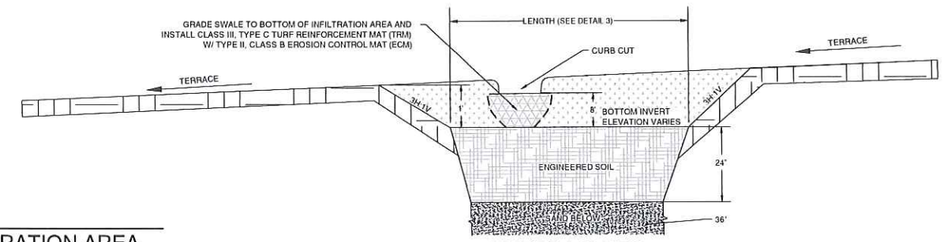


EXAMPLE PLAN 1"=5'



SECTION B-B' N.T.S



SECTION A-A' N.T.S

INSTALLATION NOTES:

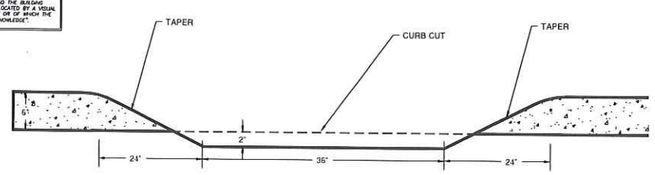
1. ENGINEERED SOIL SHALL CONSIST OF A MIXTURE OF 70 TO 85% SAND AND 15 TO 30% COMPOST. COMPOST SHALL BE CERTIFIED ACCORDING TO WDNR SPECIFICATION S100. ENGINEER SHALL APPROVE MATERIAL SOURCE PRIOR TO INSTALLATION.
2. CONSTRUCTION METHODS SHALL FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1004.
3. ENGINEERED SOIL SHALL BE PRE-MIXED PRIOR TO PLACEMENT AND THE MOISTURE CONTENT SHALL BE LOW TO AVOID COMPACTION AND CLUMPING. THE ENGINEERED SOIL SHALL BE PLACED IN MULTIPLE LIFTS, EACH APPROXIMATELY 12-INCHES IN DEPTH. ENGINEERED SOIL CAN BE CAREFULLY TAMPED WITH A BUCKET OR SIMILAR METHOD TO PROVIDE FIRM SURFACE FOR SEEDING BUT COMPACTION WITH HEAVY EQUIPMENT OR VIBRATING PLATE-STYLE COMPACTORS SHALL NOT BE USED.
4. FINISHED INFILTRATION AREA SURFACE SHALL BE LEVEL WITHIN ±0.1 FEET.
5. IF AT ANY TIME DURING CONSTRUCTION OF THE INFILTRATION AREA, THE CONTRACTOR COMPACTS THE INFILTRATION AREA BEYOND THE ENGINEER'S SPECIFICATION, THE CONTRACTOR SHALL REWORK, REPLACE , AND/OR REPAIR THE INFILTRATION AREA TO THE ENGINEERS APPROVAL.
6. TERRACE INFILTRATION AREAS SHALL BE VEGETATED PER MADISON RAIN GARDEN VEGETATION DESIGN (SEE TABLE BELOW).
7. VEGETATION IN THE TERRACE INFILTRATION AREAS WILL BE ESTABLISHED WITH PLANT PLUGS AND MULCHED WITH EROSION MAT.
8. AFTER INITIAL PLANTING AND MULCHING, TERRACE INFILTRATION AREAS SHALL BE ISOLATED FROM RUNOFF UNTIL CONTRIBUTING AREAS BECOME STABILIZED AND VEGETATED.
9. RUNOFF SHALL BE BLOCKED DURING VEGETATION ESTABLISHMENT BY PLACING SANDBAGS IN CURB CUT INLETS.
10. AFTER INSTALLATION, THE PLANTS IN THE TERRACE INFILTRATION AREAS SHALL BE WATERED BY THE CONTRACTOR AT LEAST WEEKLY (OR AS NEEDED DEPENDING UPON RAINFALL) FOR THE FIRST THREE MONTHS AND AS-NEEDED SUBSEQUENTLY.
11. PLANTS THAT HAVE FAILED SHALL BE REPLACED WITH SUBSEQUENT WATERING, AS NEEDED.
12. REFER TO SHEET 23 FOR SUBSURFACE PREPARATION.

1 / 21 TERRACE INFILTRATION AREA

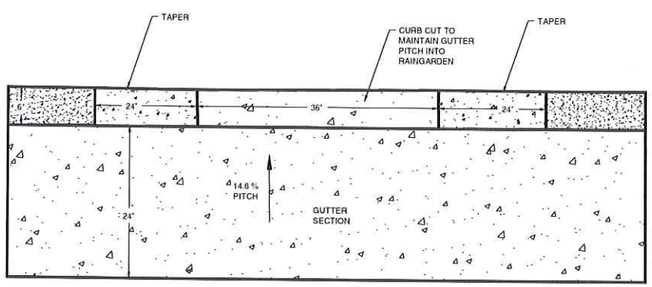
TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN THIS DRAWING

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. IF ADDITIONAL UTILITIES ARE ENCOUNTERED, THE CONTRACTOR SHALL OWNER WILL PROVIDE EXISTING PLACED TO OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE."



SECTION VIEW

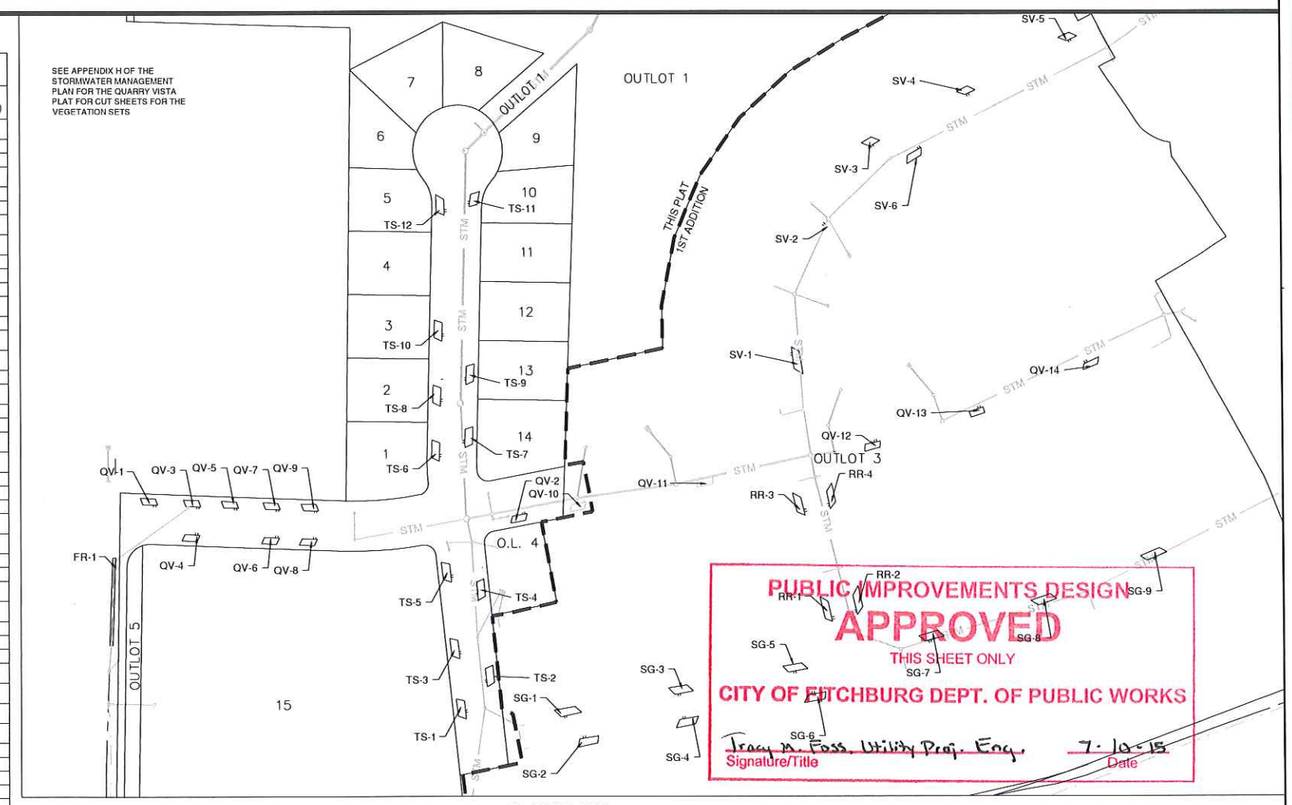


PLAN VIEW

2 / 21 TERRACE INFILTRATION AREA CURB CUT

TERRACE INFILTRATION DIMENSIONS			
TERRACE INFILTRATION ID	MADISON VEGETATION SET	BOTTOM INVERT ELEVATION	BOTTOM LENGTH (FT)
QV-1	BUTTERFLY GARDEN	976.0	11.5
QV-2	SPARKLER	991.0	6.0
QV-3	COOL COLORS	978.5	10.7
QV-4	TANGLED UP IN BLUE	978.5	10.7
QV-5	FIREWORKS	981.5	10.7
QV-6	COOL COLORS	983.5	10.7
QV-7	TANGLED IN BLUE	983.5	10.7
QV-8	BUTTERFLY GARDEN	986.0	10.7
QV-9	SPARKLER	986.0	10.7
QV-10	COOL COLORS	997.0	6.0
QV-11	FIREWORKS	1009.0	6.0
QV-12	TANGLED UP IN BLUE	1025.0	8.7
QV-13	SPARKLER	1033.0	12.9
QV-14	BUTTERFLY GARDEN	1038.0	13.5
TS-1	BUTTERFLY GARDEN	1000.0	11.7
TS-2	SPARKLER	998.0	11.7
TS-3	TANGLED UP IN BLUE	996.0	11.7
TS-4	FIREWORKS	993.0	11.7
TS-5	COOL COLORS	992.0	13.2
TS-6	TANGLED UP IN BLUE	988.0	12.7
TS-7	BUTTERFLY GARDEN	987.2	12.5
TS-8	SPARKLER	985.0	15.0
TS-9	FIREWORKS	983.8	15.2
TS-10	COOL COLORS	982.0	13.2
TS-11	BUTTERFLY GARDEN	979.5	10.0
TS-12	TANGLED UP IN BLUE	979.5	13.6
SG-1	COOL COLORS	1006.0	14.0
SG-2	FIREWORKS	1007.0	14.0
SG-3	TANGLED UP IN BLUE	1014.0	14.0
SG-4	BUTTERFLY GARDEN	1014.0	14.0
SG-5	SPARKLER	1022.0	14.0
SG-6	COOL COLORS	1023.0	14.0
SG-7	FIREWORKS	1027.0	14.2
SG-8	TANGLED UP IN BLUE	1035.0	14.2
SG-9	BUTTERFLY GARDEN	1043.0	14.2
RR-1	TANGLED UP IN BLUE	1024.0	17.5
RR-2	BUTTERFLY GARDEN	1024.0	17.5
RR-3	COOL COLOR	1019.0	15.3
RR-4	SPARKLER	1019.0	15.3
SV-1	COOL COLORS	1020.0	16.0
SV-2	FIREWORKS	1030.0	11.4
SV-3	SPARKLER	scale	5.5
SV-4	BUTTERFLY GARDEN	1042.0	4.5
SV-5	TANGLED UP IN BLUE	1048.0	4.5
SV-6	COOL COLORS	1031.0	11.5
FR-1	BUTTERFLY GARDEN	975.4	130

SEE APPENDIX H OF THE STORMWATER MANAGEMENT PLAN FOR THE QUARRY VISTA PLAT FOR CUT SHEETS FOR THE VEGETATION SETS



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PLAN 1"=200'

3 / 21 TERRACE INFILTRATION AREA LOCATION, DIMENSIONS, AND VEGETATION SETS

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

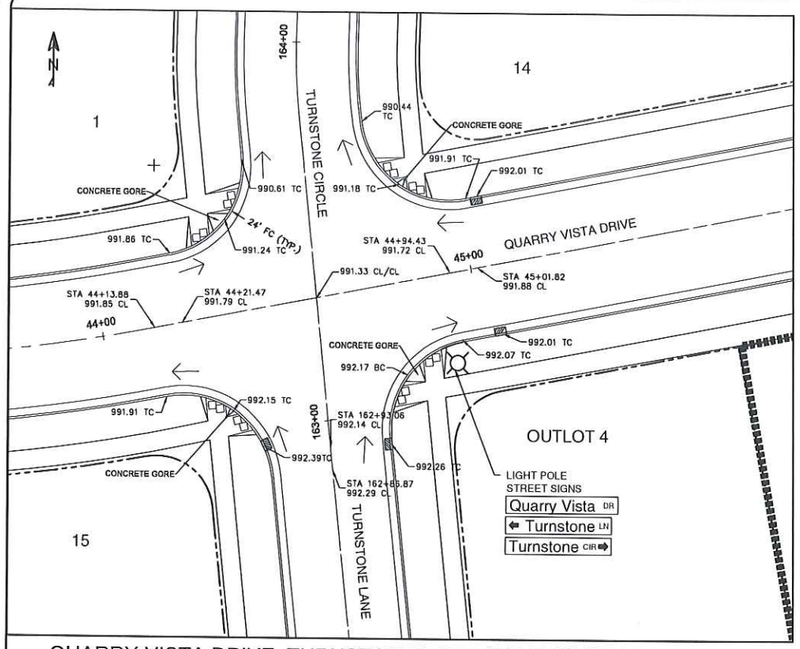
DRAWN BY LMS
CHECKED BY RJM

TERRACE INFILTRATION AREA DETAILS

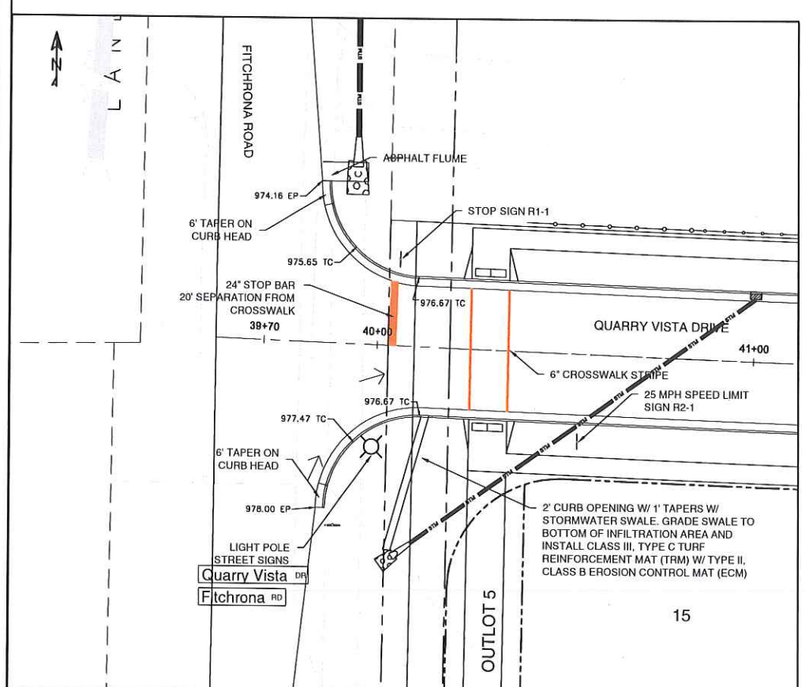
SCALE AS SHOWN

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 21

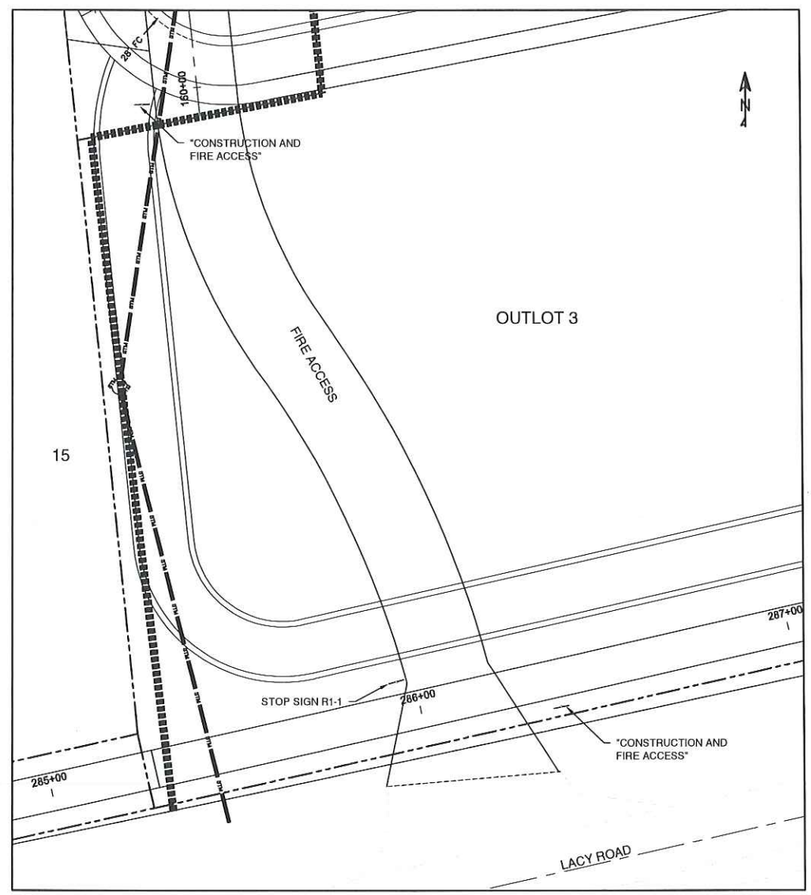
File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Title Sheet and Details Rev.dwg Layout: 21 SW DETAILS 2 Infiltration User: hatfield1 Plotted: Jul 07, 2015 - 1:37pm



QUARRY VISTA DRIVE, TURNSTONE LANE AND TURNSTONE CIRCLE



QUARRY VISTA DRIVE AND FITCHRONA ROAD



TEMPORARY ACCESS DRIVE AND LACY ROAD

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TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
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QUARRY VISTA
FITCHBURG, WI
HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

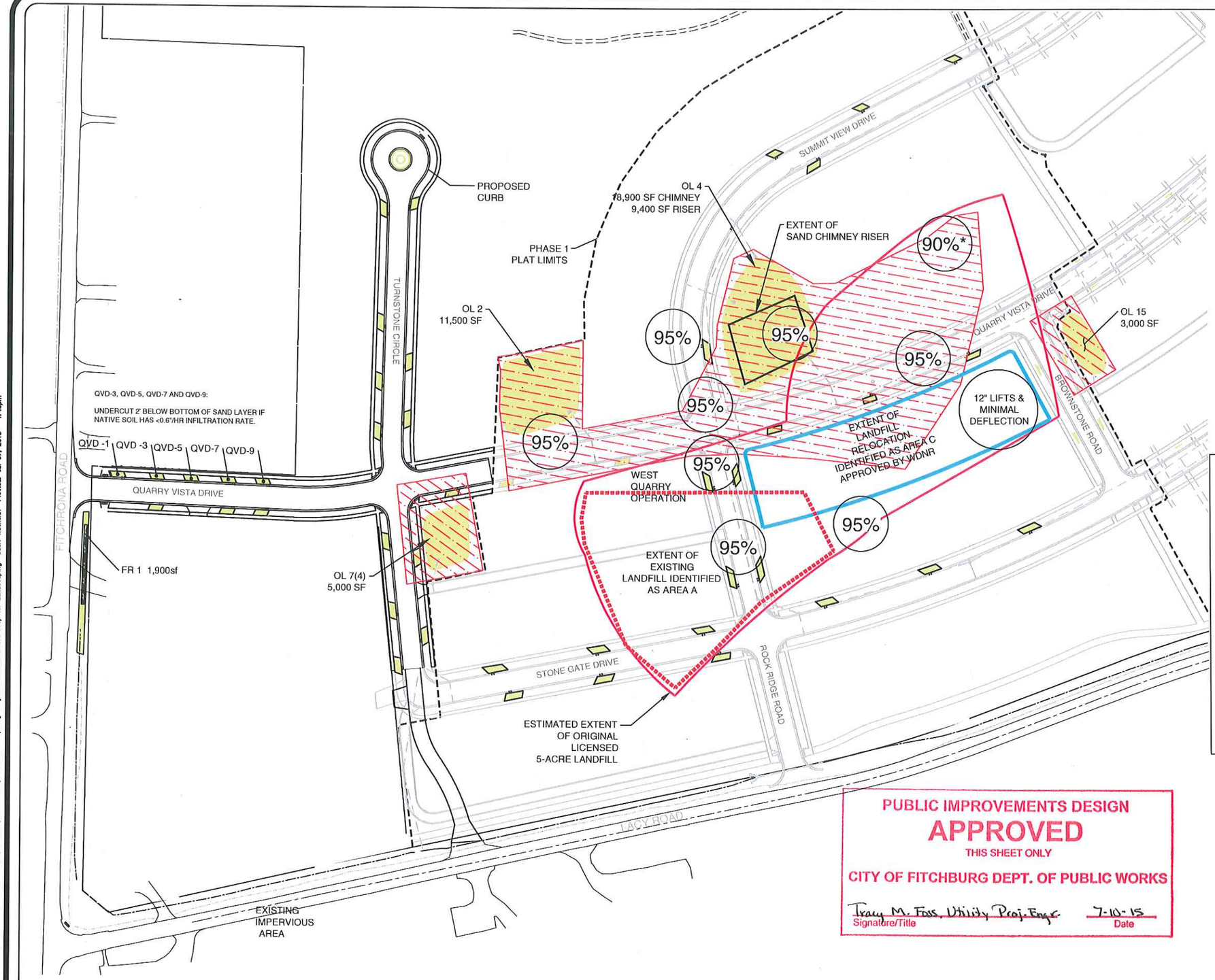
DRAWN BY DMW
CHECKED BY RDP

STRIPING, SIGNAGE AND INTERSECTION DETAILS

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1"=40'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 22

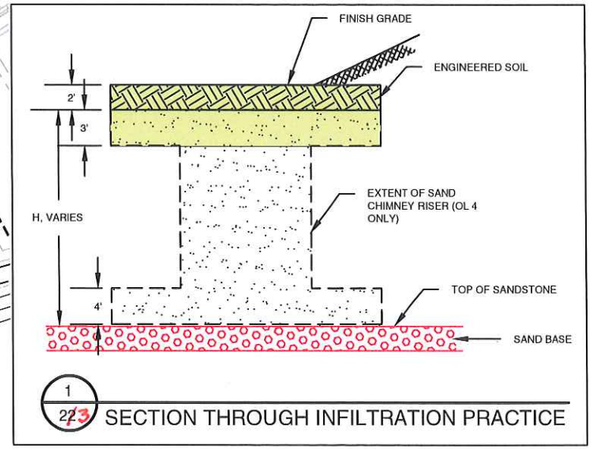
File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\TOC and Sidewalk elevations_DW.dwg Layout: 22 Striping Signage and Intersection Detail User: hatfield1 Plotted: Jul 07, 2015 - 1:39pm



NOTES:

1. TOPOGRAPHY HAS BEEN PARTIALLY UPDATED FOR AREAS OF THE WEST QUARRY.
2. AREA IDENTIFIED AS SANITARY LANDFILL AND AREAS A & C ARE SUBJECT TO CONDITIONS OF DNR CLOSURE PLAN MODIFICATION APPROVAL FOR HAMMERSLEY LANDFILL (LICENSE #1128) DATED AUGUST 5, 2014, AND SUBSEQUENT AMENDMENTS .
3. SAND SHALL CONTAIN LESS THAN 5% FINES PASSING #200 US STANDARD SIEVE.
4. (95%) DENOTES COMPACTION TEST REQUIREMENTS. ALL TESTS BASED ON MODIFIED PROCTOR (ASTM D1557)

*ALSO PROOF-ROLLING WITH MINIMAL DEFLECTION & LAST 3' AT 95%



1 / 22 23 SECTION THROUGH INFILTRATION PRACTICE

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7-10-15 — Date

LEGEND

EXTENT OF ENGINEERED SOIL AND SAND CHIMNEY

EXTENT OF SAND BASE

OL 7 (4)
OUTLOT — FINAL PLAT LOT # — PRELIMINARY PLAT LOT #

N

QUARRY VISTA
FITCHBURG, WI
HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY LMS
CHECKED BY DJH

SUBSURFACE PREPARATION PLAN

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 75 150
SCALE 1" = 150'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 23

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Stormwater\Subsurface Prep.dwg Layout: 23 Subsurface Prep for Landscaping User: hatfield1 Plotted: Jul 07, 2015 - 1:46pm

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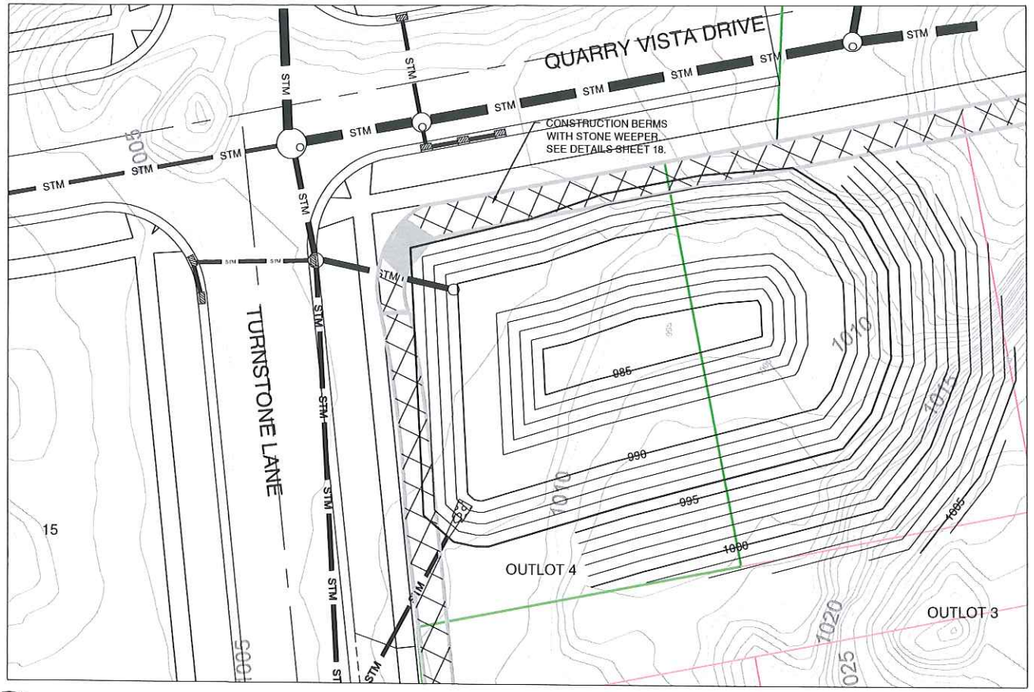
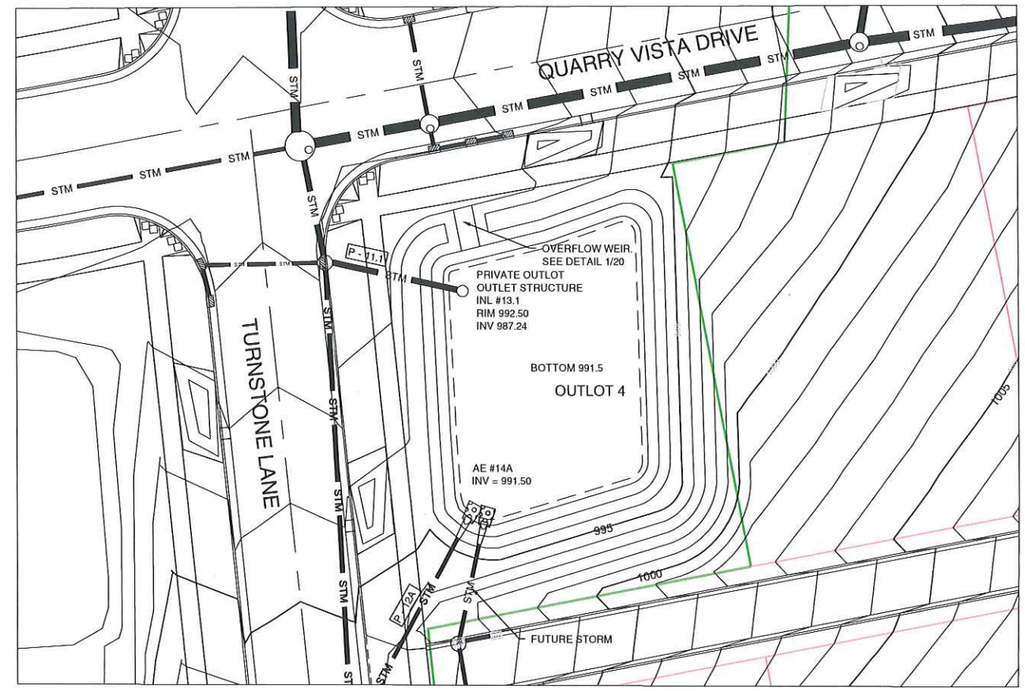
Signature/Title Date

NOTES

1. OUTLOT 4 TO BE USED AS A SEDIMENT TRAP DURING CONSTRUCTION.
2. SEDIMENT TRAP MUST BE CONSTRUCTED PRIOR TO OTHER LAND DISTURBING ACTIVITIES.
3. AFTER CONSTRUCTION, SEDIMENT TRAP SHALL BE CLEANED OF ALL SEDIMENT AND CONVERTED TO INFILTRATION FACILITY. SEE DETAIL 3 ON SHEET 20 FOR CONVERSION DETAILS.
4. A CITY APPROVED SOILS CONSULTANT SHALL APPROVE INFILTRATION BEFORE SAND AND ENGINEERED SOIL IS PLACED.



1/24 CONSTRUCTION SEDIMENT TRAP #6



2/24 POST-CONSTRUCTION INFILTRATION AREA

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

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QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

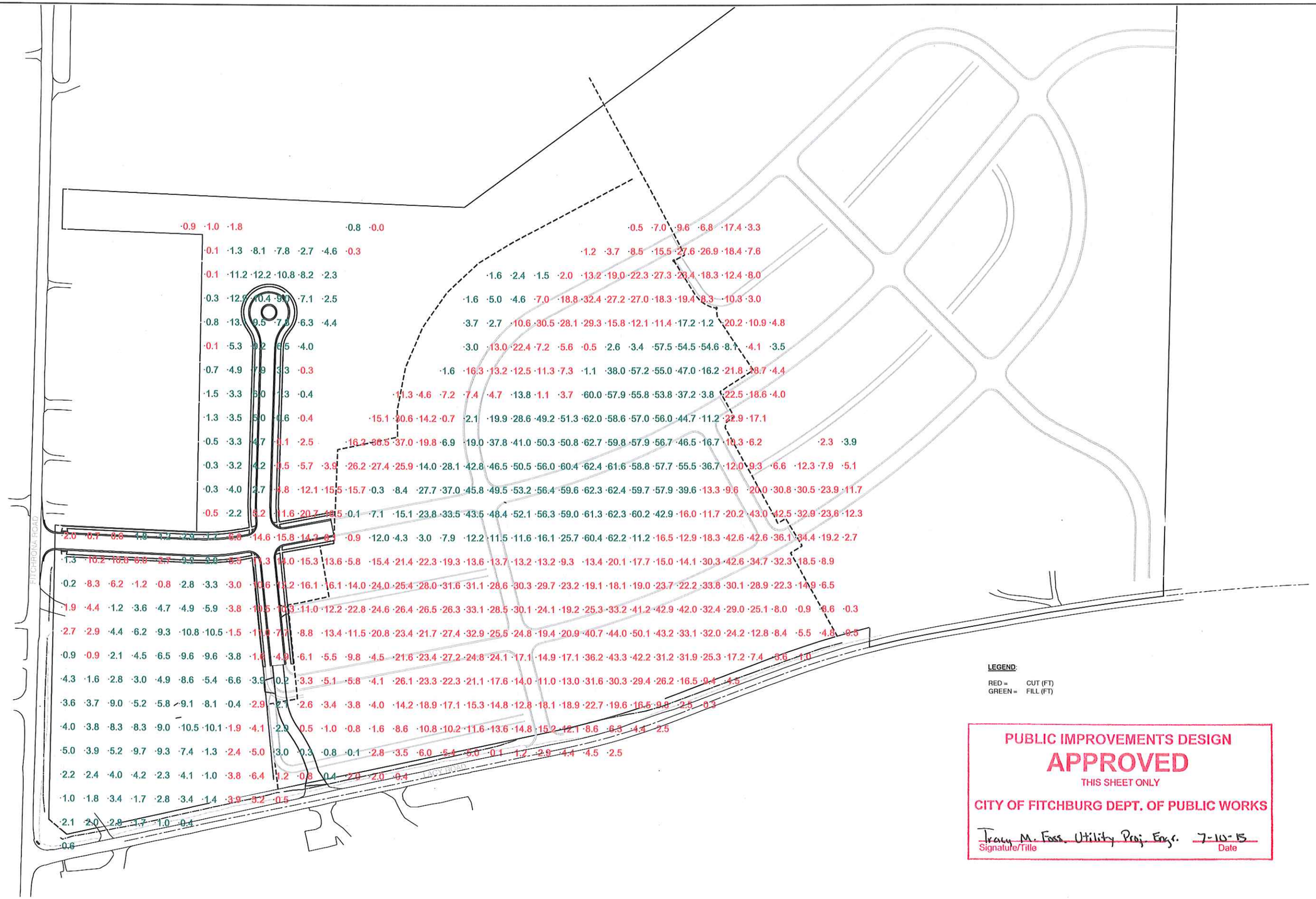
DRAWN BY RDP
CHECKED BY DJH

PRIVATE OUTLOT
INFILTRATION AREA
DETAILS/ SEDIMENT TRAP

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 20 40
SCALE 1"=40'

PROJECT NO. 1613
DATE 06/18/15
SHEET NO. 24

File: \\lumbergh\projects\1613 – hamm farm land property development\drawings\cd_final\master grading.dwg Layout: 24 Priv Outlot Infiltration Area Plan ph1 User: hatfieldt Plotted: Jul 07, 2015 – 1:48pm



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FITCHBURG, WI
HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES: RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	6/22/15

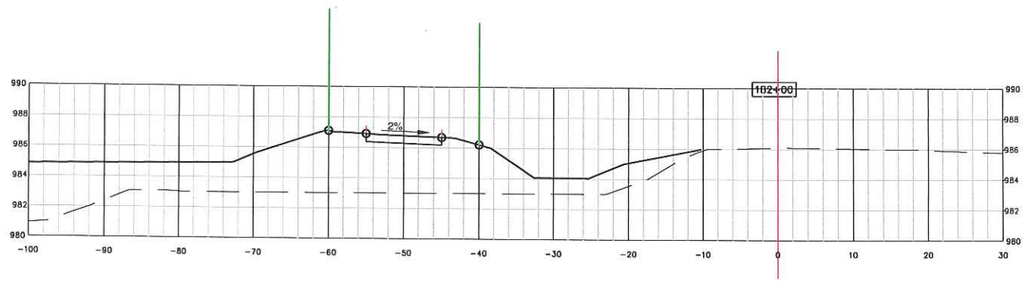
DRAWN BY RDP
CHECKED BY DJH

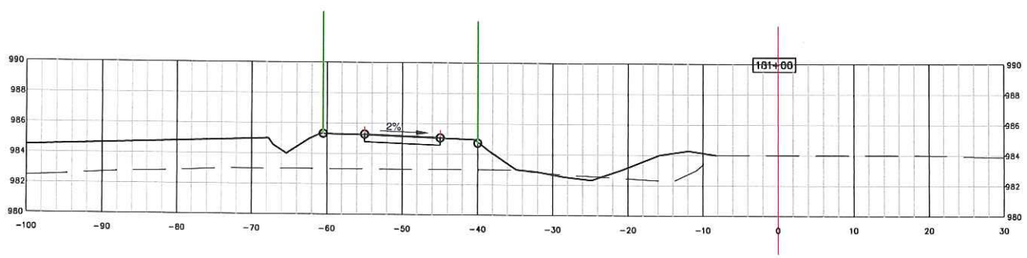
CUT FILL

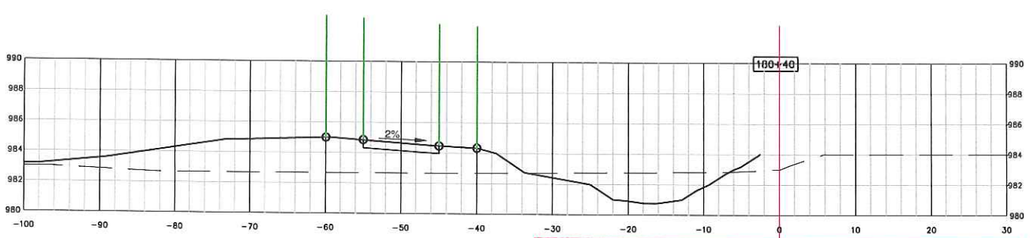
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 100 200
SCALE 1" = 200'

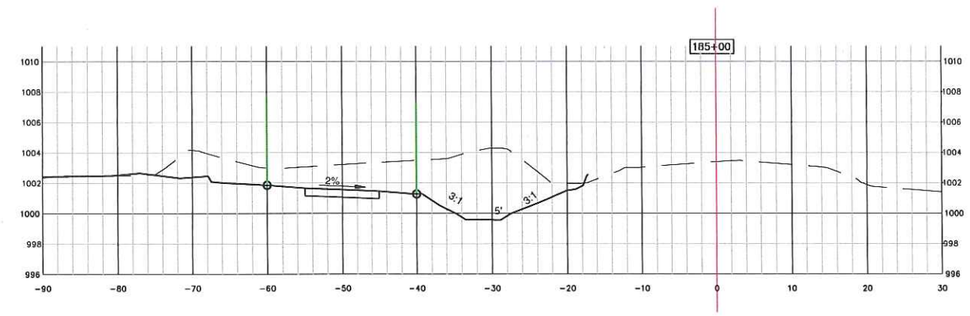
PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 25

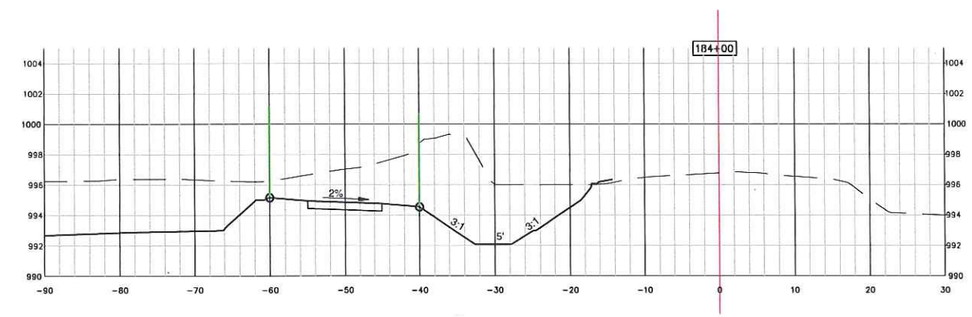
File: P:\1613 – Hamm Farm Land Property Development\Drawings\02_Final\Stormwater\Subsurface Prep.dwg Layout: 29 Cut Fill Grading User: hatfield1 Plotted: Jun 19, 2015 – 6:23pm

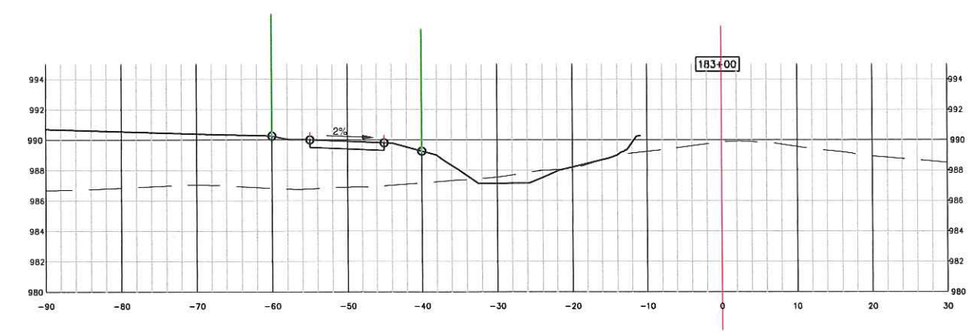












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QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
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NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

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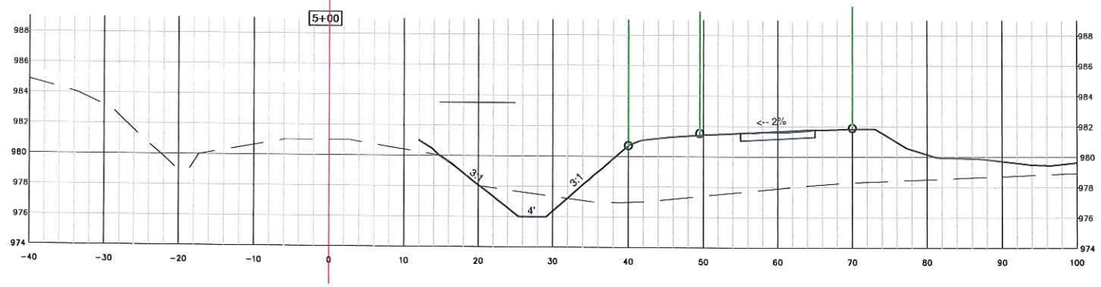
CHECKED BY DJH

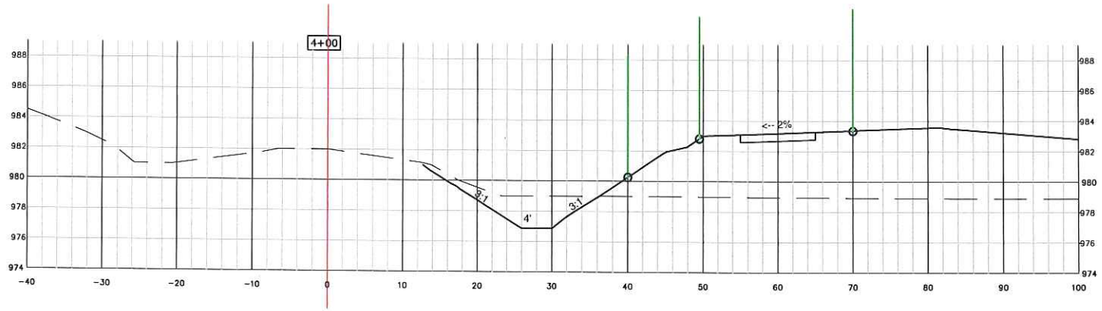
CROSS SECTIONS
LACY ROAD STA 180 to 185

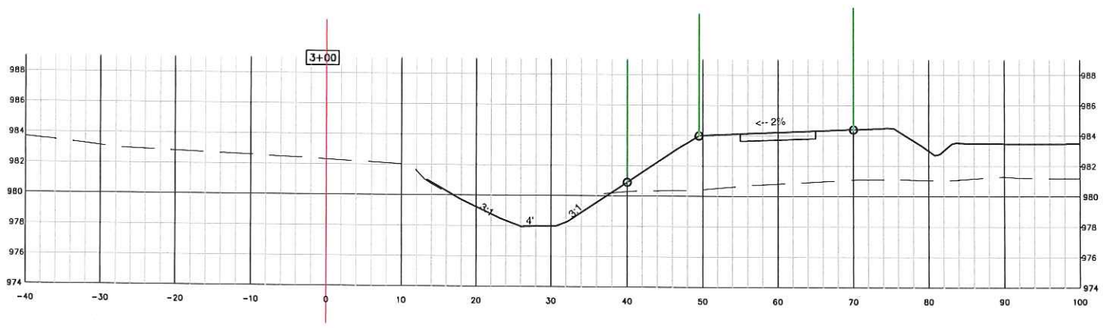
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 1/2 1"
SCALE 1" = 20'

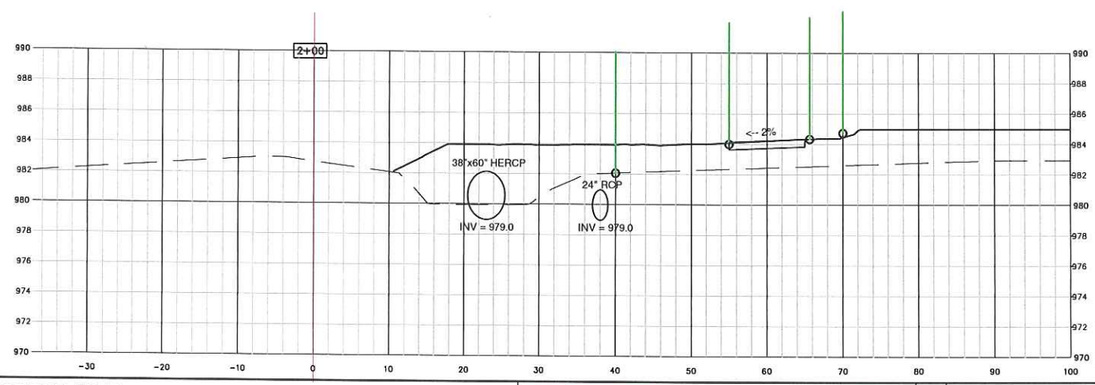
PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 26

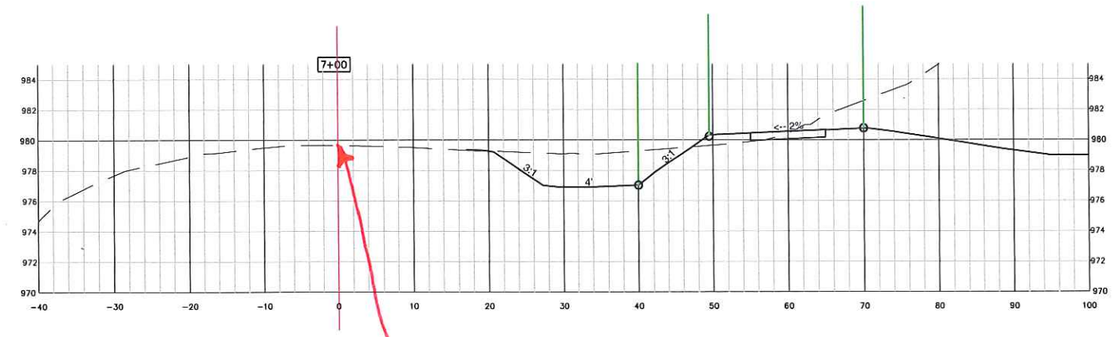
File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Cross Sections LR FRR.dwg Layout: 26 xsecs LR1 User: hatfield1 Plotted: Jul 07, 2015 - 1:52pm











REFER TO SHEET 9
FOR FITCHRONA ROAD
GRADES THROUGH SECTION TO BE LOWERED

PUBLIC IMPROVEMENTS DESIGN
APPROVED
THIS SHEET ONLY
CITY OF FITCHBURG DEPT. OF PUBLIC WORKS
Tracy M. Foss, Utility Proj. Engr. 7-10-15
Signature/Title Date

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP
CHECKED BY DJH

CROSS SECTIONS
FITCHRONA RD STA 2 to 7

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 1/2 1"
SCALE 1" = 20'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 27

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\Cross Sections LR FRR.dwg Layout: 27 xsecs FRR User: hatfield1 Plotted: Jul 07, 2015 - 2:34pm

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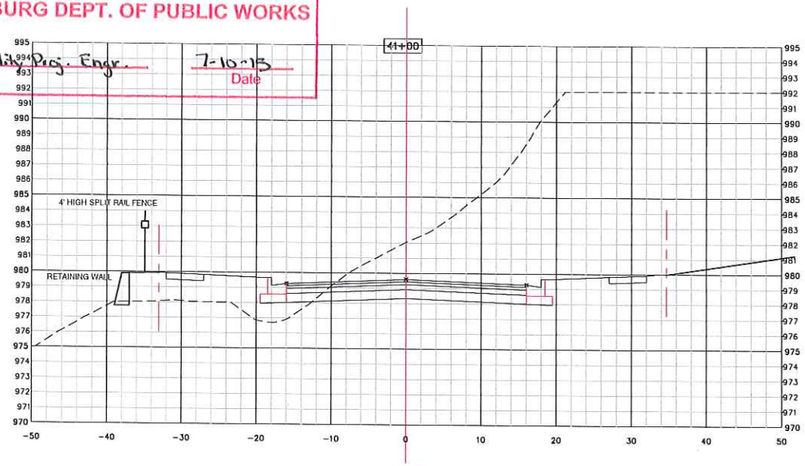

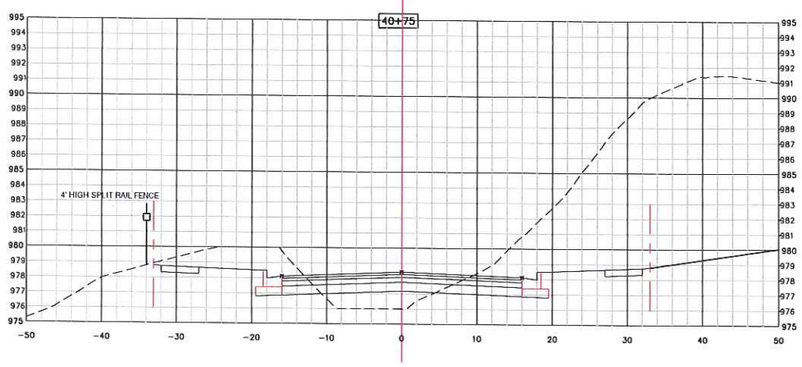

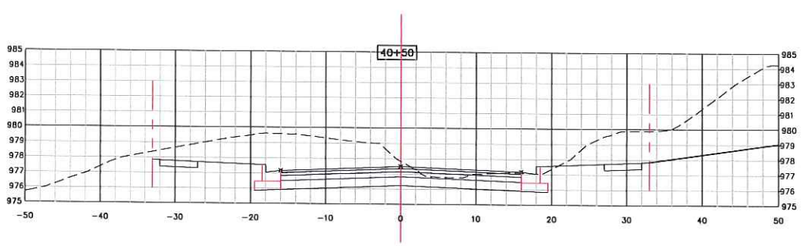

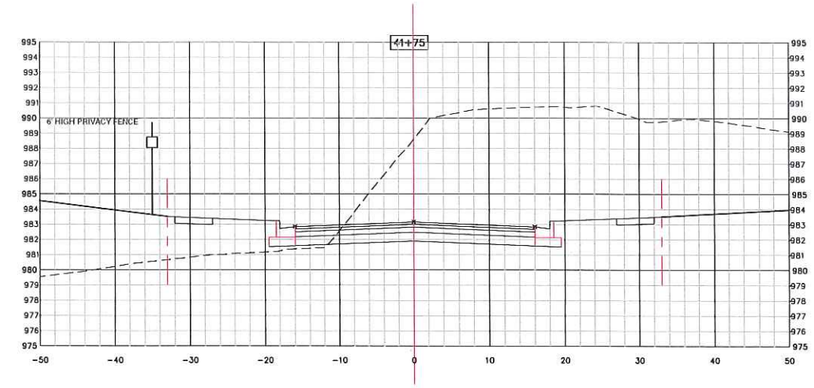

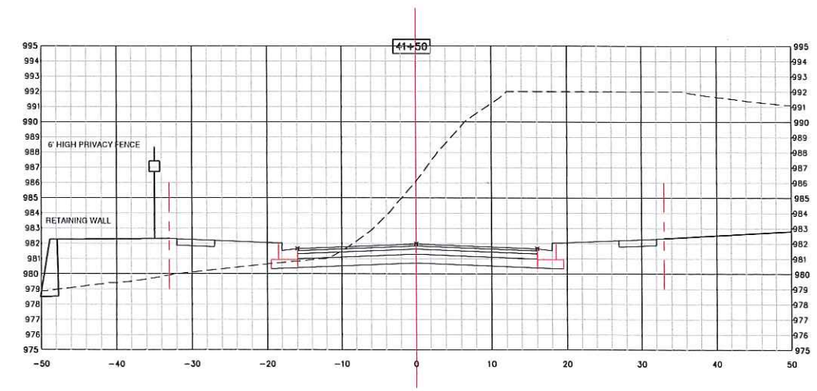

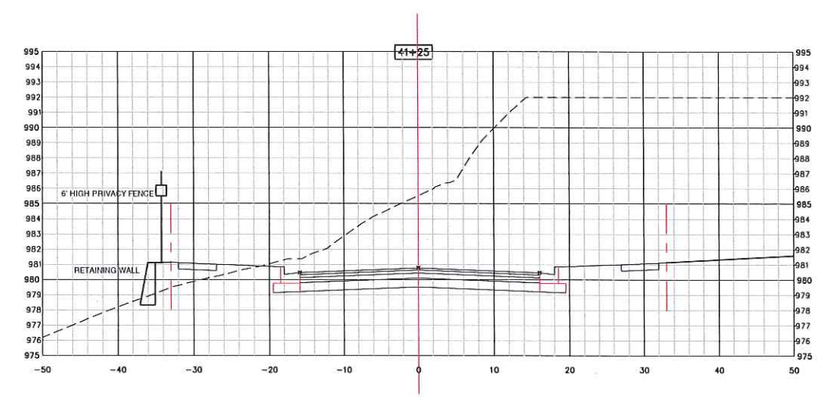

QUARRY VISTA
FITCHBURG, WI

HAMM FAM LAND LLC

MONTGOMERY ASSOCIATES:
RESOURCE SOLUTIONS, LLC
119 SOUTH MAIN STREET
SUITE A
COTTAGE GROVE, WI 53527
www.ma-rs.org

NO.	REVISION / ISSUE	DATE
1	CITY COMMENTS #1	5/1/15
2	FOR CONSTRUCTION	7/7/15

DRAWN BY RDP
CHECKED BY RDP

CROSS SECTIONS
QUARRY VISTA DRIVE ENTRANCE
40+50 to 41+75

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 1/2 1"
SCALE 1" = 20'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 28

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\QVD entrance June 8.dwg Layout: 28 QVD xsect User: hatfield1 Plotted: Jul 07, 2015 - 2:39pm

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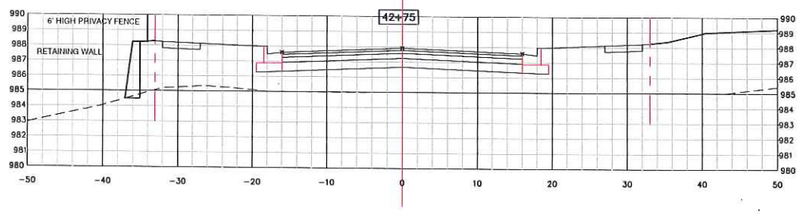
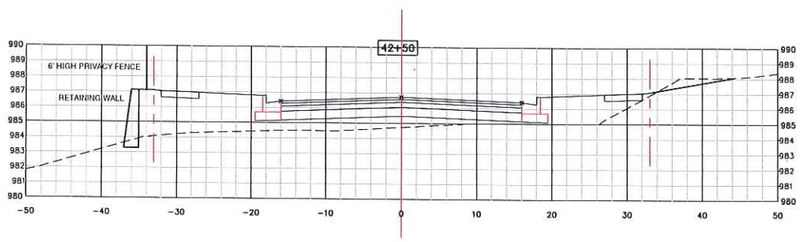
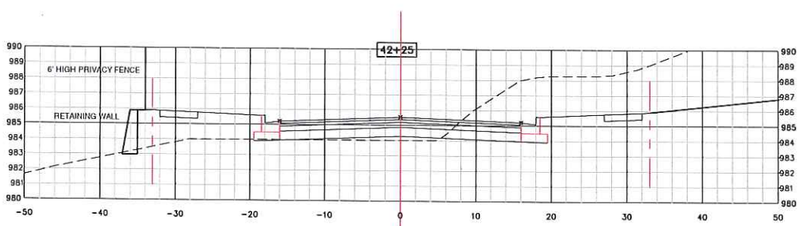
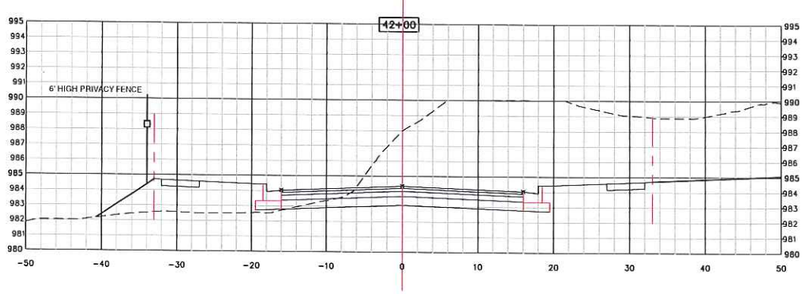
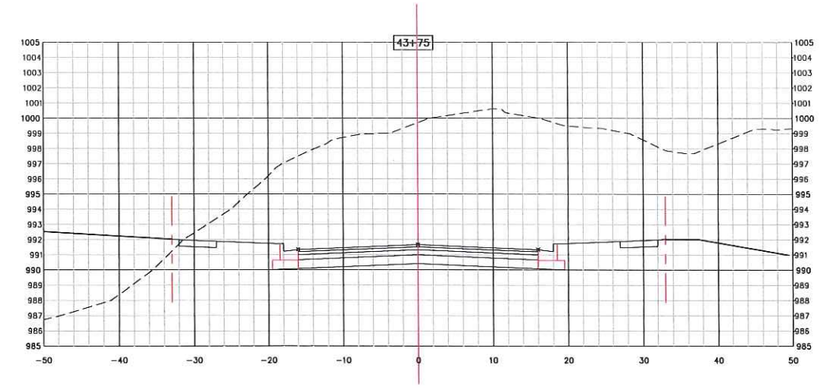
Tracy M. Foss, Utility Proj. Engr. 7-10-15
Signature/Title Date

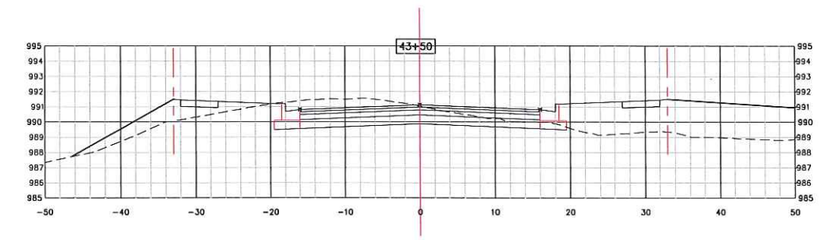


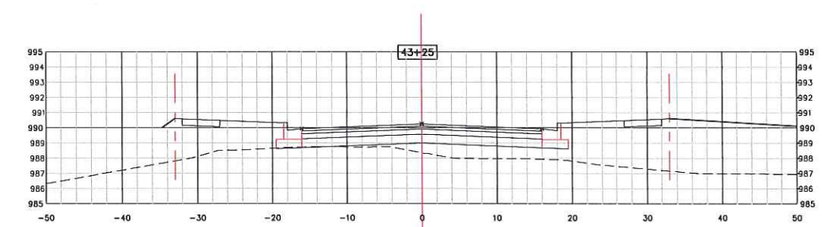


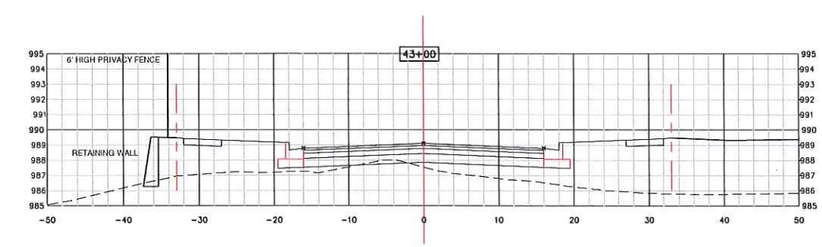












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DRAWN BY RDP
CHECKED BY DJH

CROSS SECTIONS
QUARRY VISTA DRIVE ENTRANCE
42+00 to 43+75

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
0 1/2 1"
SCALE 1" = 20'

PROJECT NO. 1613
DATE 03/24/15
SHEET NO. 29

File: P:\1613 - Hamm Farm Land Property Development\Drawings\CD_Final\Phase 1 March 2015\QVD entrance June 8.dwg Layout: 29 QVD xsec2 User: hatfield1 Plotted: Jul 07, 2015 - 2:40pm