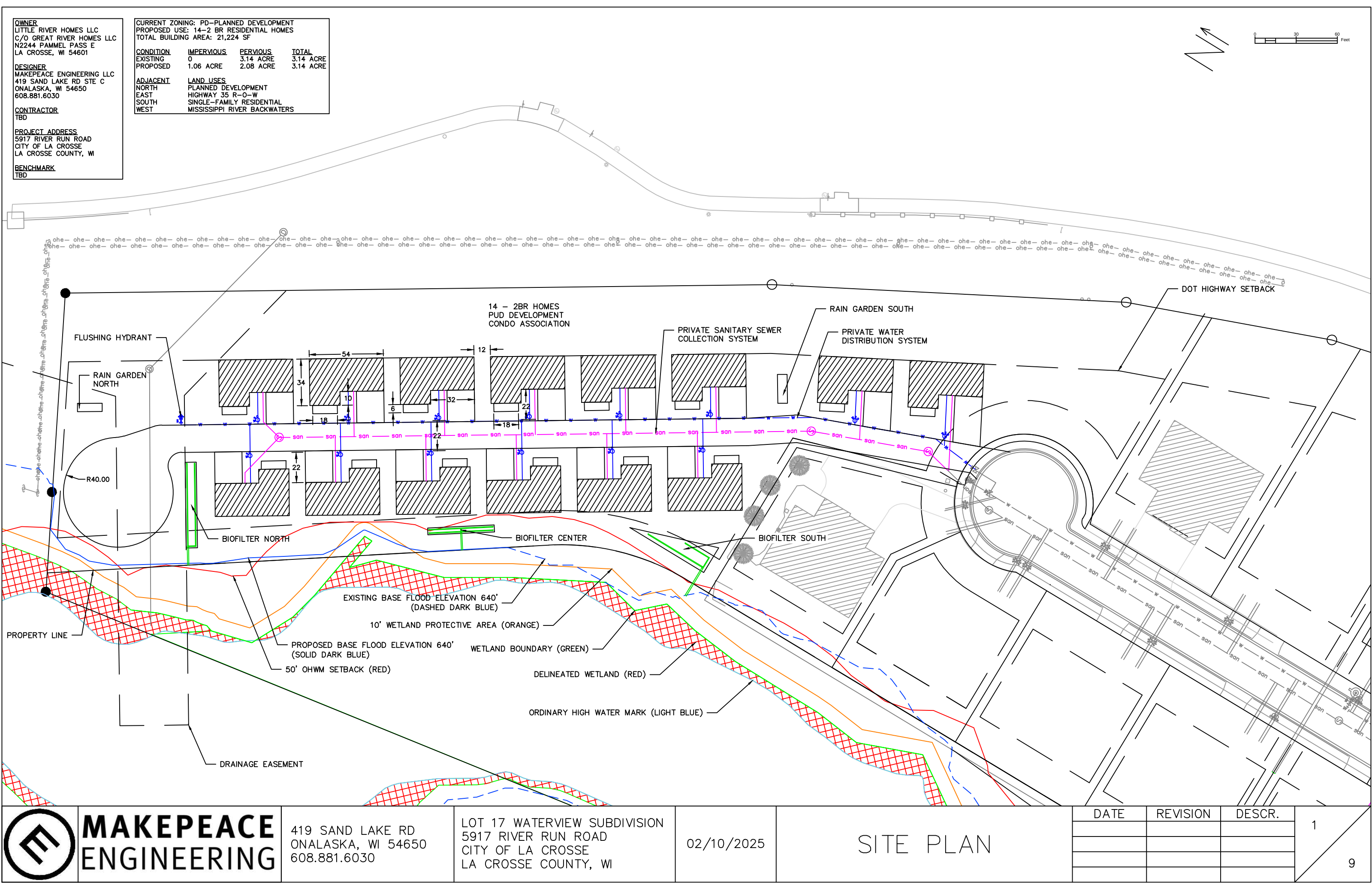




OWNER
LITTLE RIVER HOMES LLC
C/O GREAT RIVER HOMES LLC
N2244 PAMMEL PASS E
LA CROSSE, WI 54601

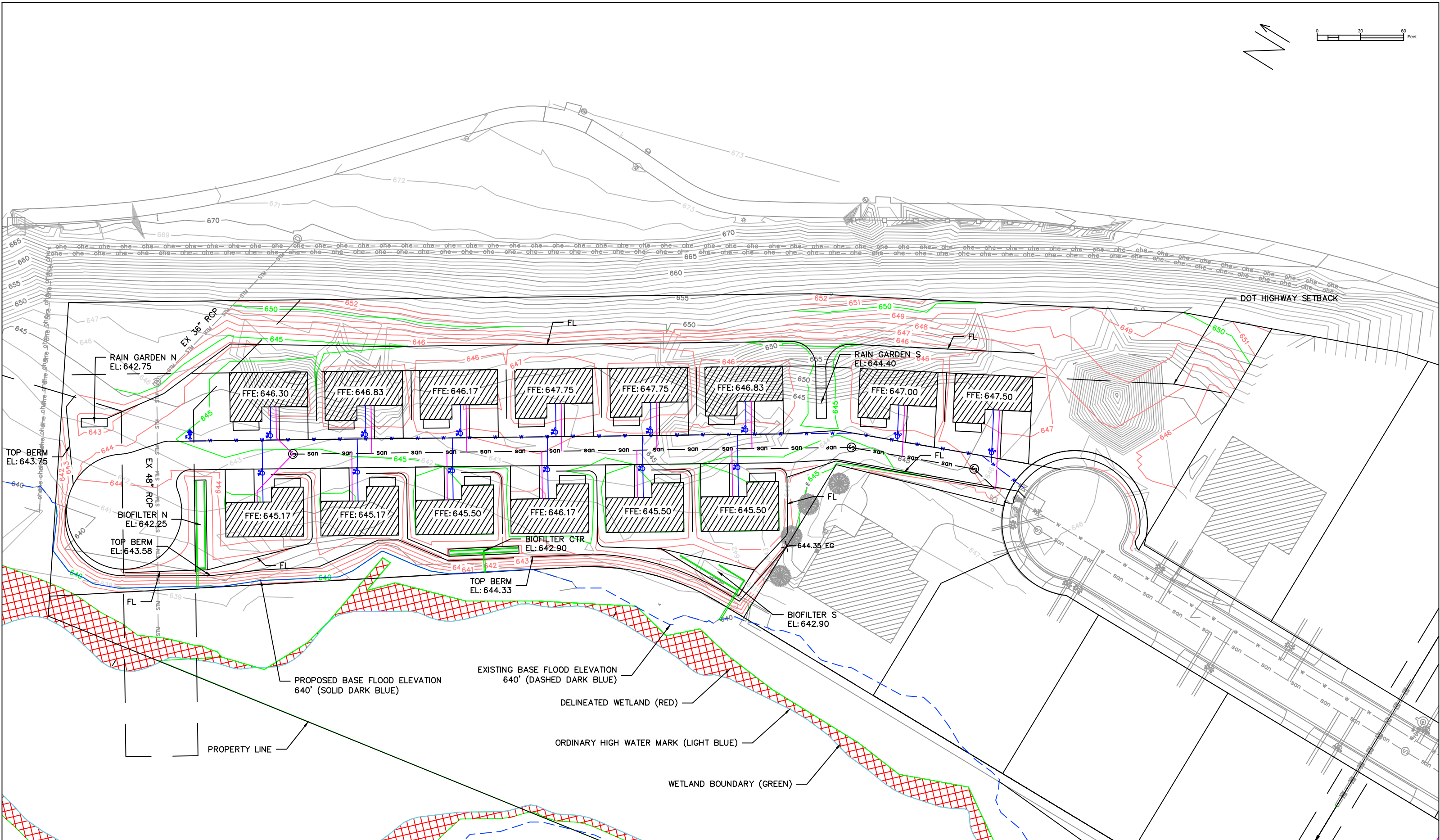
DESIGNER
MAKEPEACE ENGINEERING LLC
419 SAND LAKE RD STE C
ONALASKA, WI 54650
608.881.6030

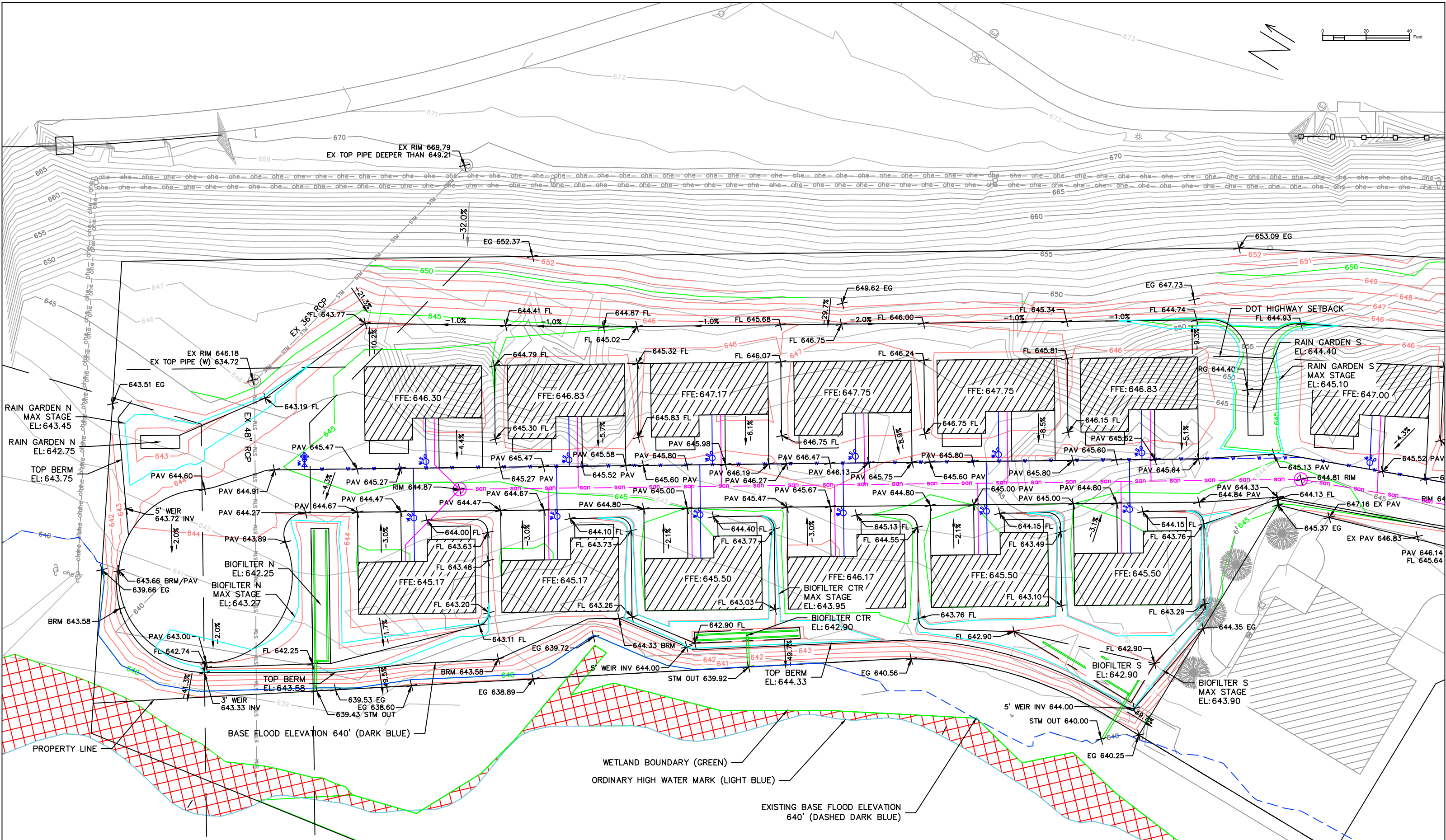
CONTRACTOR
TBD

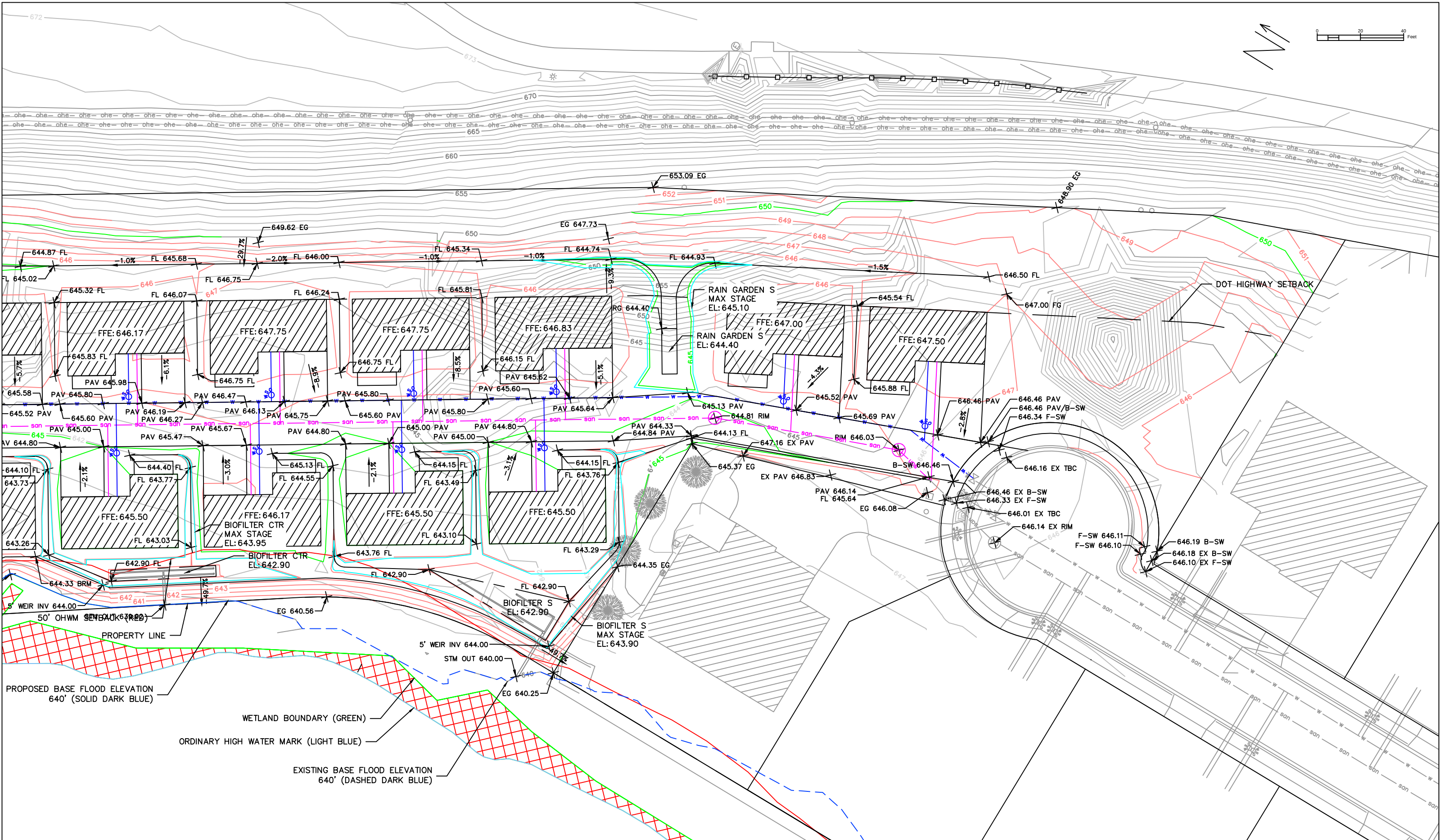
PROJECT ADDRESS
5917 RIVER RUN ROAD
CITY OF LA CROSSE
LA CROSSE COUNTY, WI

BENCHMARK
TBD

CURRENT ZONING: PD-PLANNED DEVELOPMENT			
PROPOSED USE: 14-2 BR RESIDENTIAL HOMES			
TOTAL BUILDING AREA: 21,224 SF			
CONDITION	IMPERVIOUS	PERVIOUS	TOTAL
EXISTING	0	3.14 ACRE	3.14 ACRE
PROPOSED	1.06 ACRE	2.08 ACRE	3.14 ACRE
ADJACENT	LAND USES		
NORTH	PLANNED DEVELOPMENT		
EAST	HIGHWAY 35 R-O-W		
SOUTH	SINGLE-FAMILY RESIDENTIAL		
WEST	MISSISSIPPI RIVER BACKWATERS		



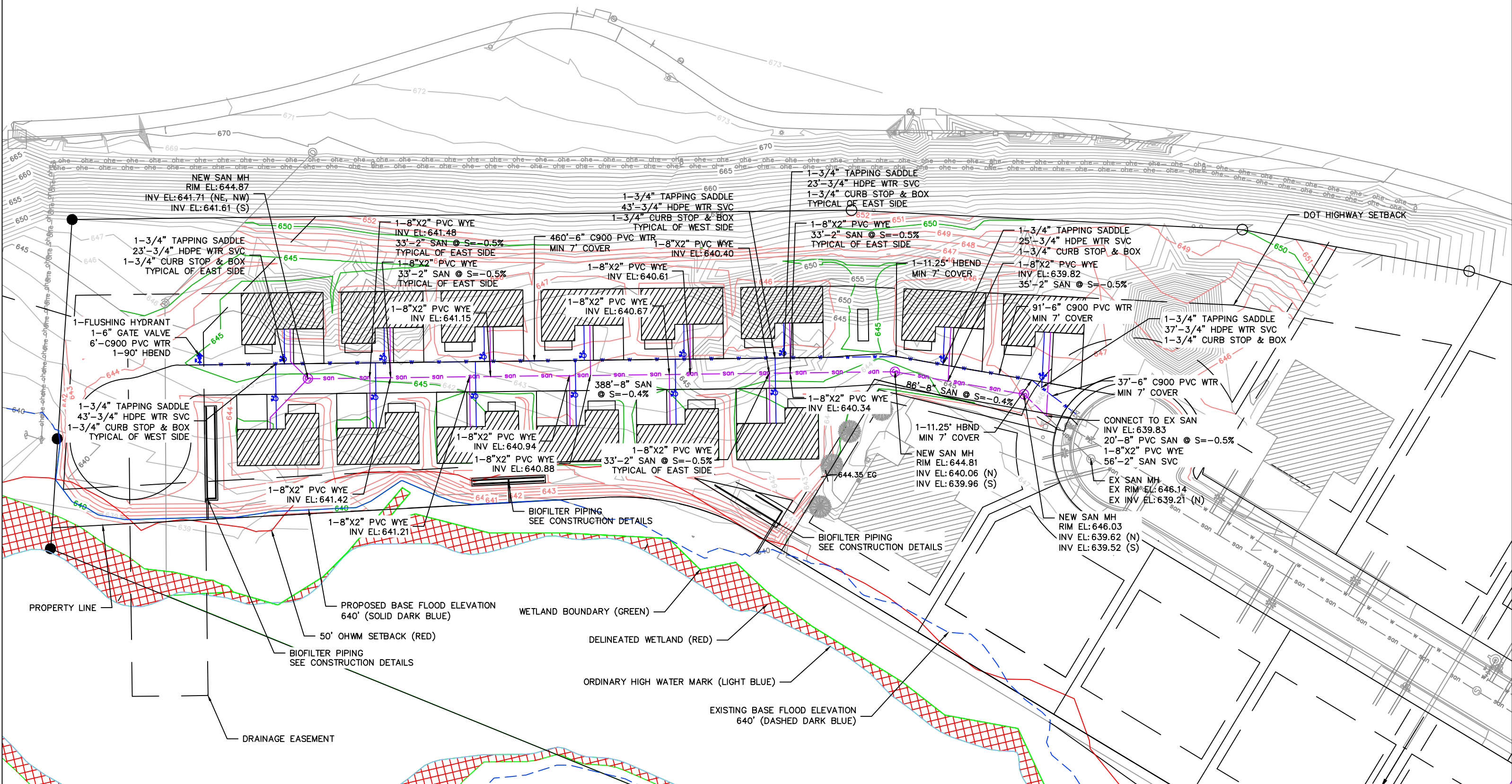




	MAKEPEACE ENGINEERING	419 SAND LAKE RD ONALASKA, WI 54650 608.881.6030	LOT 17 WATERVIEW SUBDIVISION 5917 RIVER RUN ROAD CITY OF LA CROSSE LA CROSSE COUNTY, WI	02/10/2025	GRADING PLAN SOUTH	DATE	REVISION	DESCR.	4 9

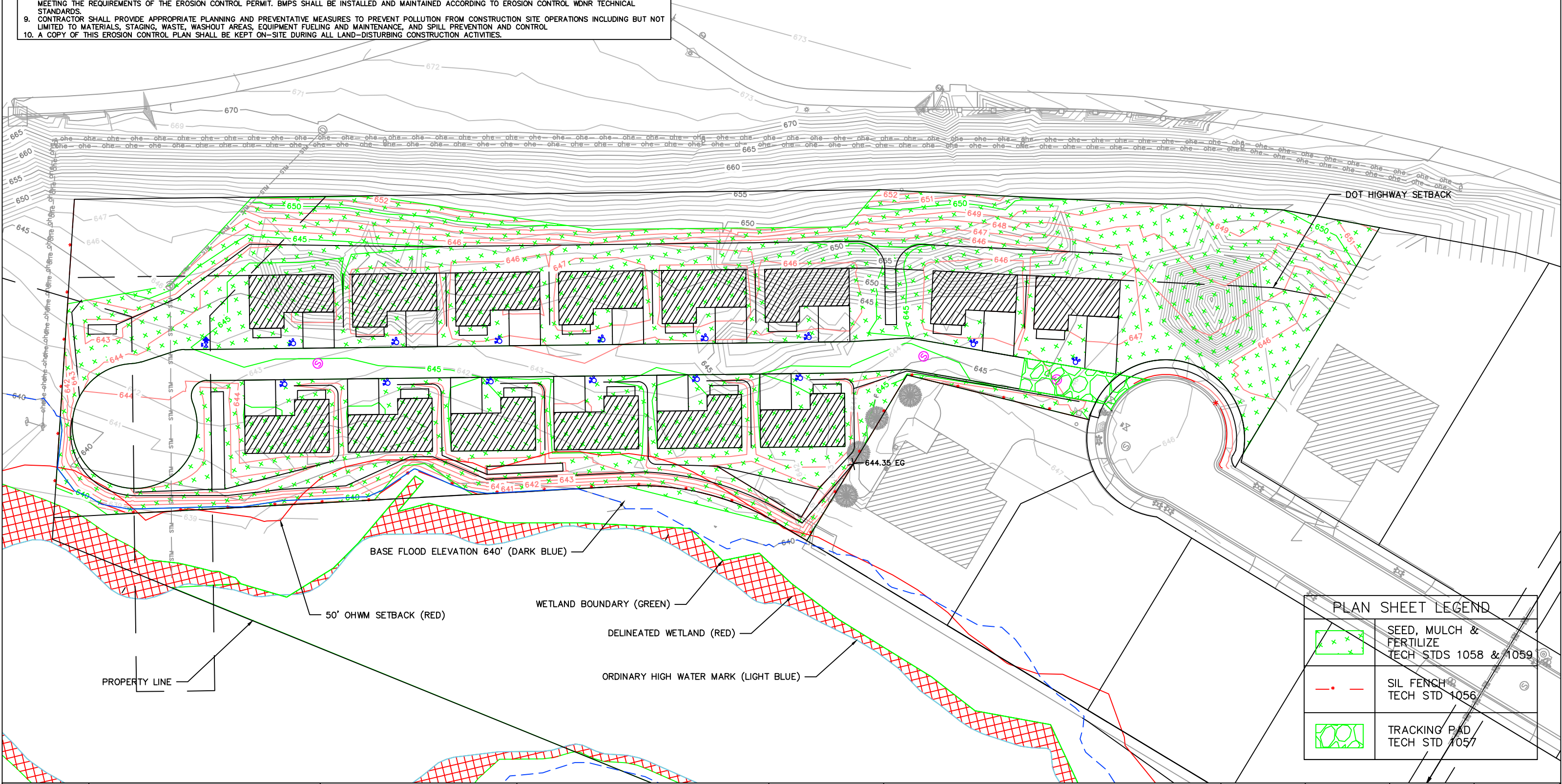
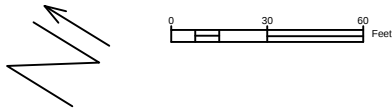
- NOTES:
1. ALL SANITARY SERVICE PIPING SHALL HAVE A MINIMUM SLOPE OF S=-0.5%
2. ALL WATER SERVICE PIPING SHALL HAVE A MINIMUM OF 7' OF COVER

0 30 60 Feet



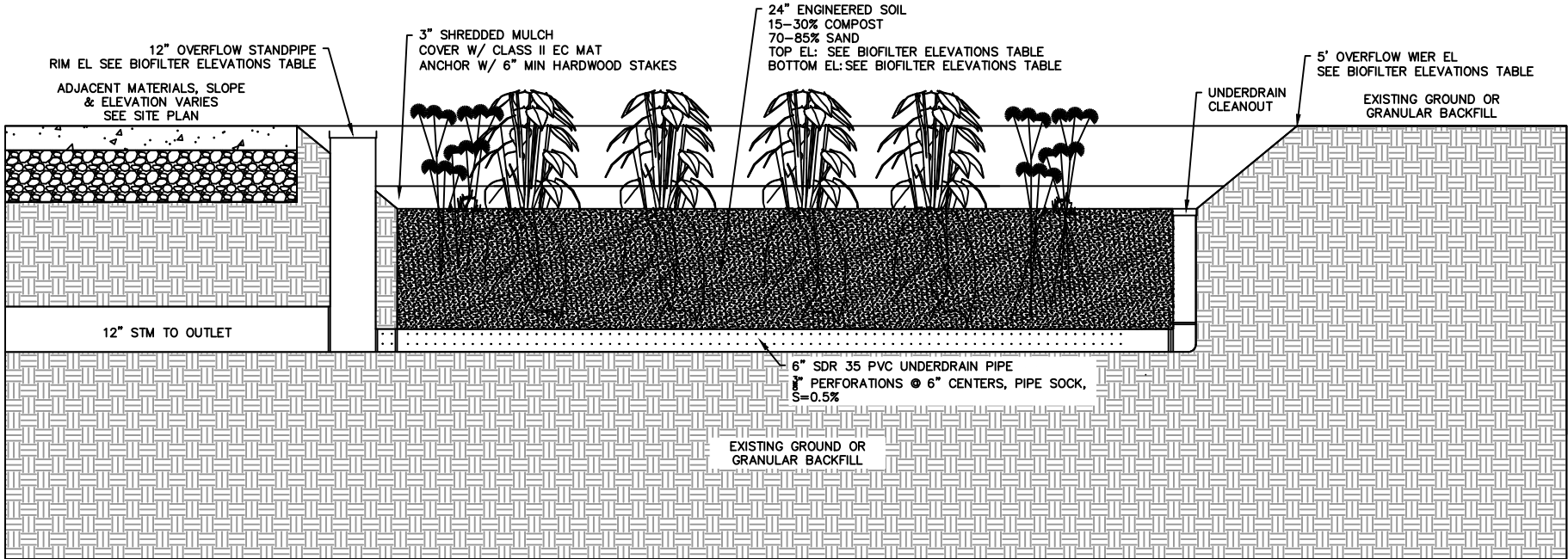
	MAKEPEACE ENGINEERING	419 SAND LAKE RD ONALASKA, WI 54650 608.881.6030	LOT 17 WATERVIEW SUBDIVISION 5917 RIVER RUN ROAD CITY OF LA CROSSE LA CROSSE COUNTY, WI	02/10/2025	UTILITY PLAN	DATE	REVISION	DESCR.	5 9

- EROSION CONTROL NOTES**
1. THE EROSION CONTROL ON THIS PLAN HAS BEEN PREPARED AS A GUIDE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, MODIFYING & IMPLEMENTING AN ALTERNATE EROSION CONTROL PLAN BASED ON THEIR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
 2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE ACTIVITIES, AND SHALL BE MAINTAINED TO ENSURE PROPER FUNCTION THROUGHOUT, AND AFTER, CONSTRUCTION, UNTIL THE SITE HAS ACHIEVED 100% VEGETATION.
 3. SEE SPECIFICATIONS FOR EROSION CONTROL MEASURES & RECORDING. MAINTENANCE OF EROSION CONTROL IS REQUIRED UNTIL 100% VEGETATION IS ESTABLISHED. ADDITIONAL EROSION CONTROL MAY BE NEEDED (EROSION MAT, SILT FENCE, ETC.), VERIFY WITH PROJECT MANAGER.
 4. CONTRACTOR TO COORDINATE WEEKLY INSPECTION REPORTS ON ALL EROSION CONTROL MEASURES, AND AFTER A 0.5" RAIN EVENT IN ANY 24-HOUR PERIOD.
 5. ADJACENT STREETS AND ROADWAYS MUST BE SWEEPED TO KEEP THEM FREE OF SEDIMENT. CONTRACTOR MUST MONITOR CONDITIONS AND SWEEP AS NEEDED OR WITHIN 24 HOURS OF NOTICE BY THE CITY.
 6. ALL DISTURBED GROUND LEFT INACTIVE FOR 14 OR MORE DAYS MUST BE STABILIZED BY SEEDING, MULCH OR SODDING.
 7. ALL SOIL STOCKPILES MUST BE ENCLOSED WITH SILT FENCE AND SEEDED IF LEFT INACTIVE FOR 7 OR MORE DAYS.
 8. CONTRACTOR SHALL ADJUST THE APPROPRIATE STRUCTURAL AND NON-STRUCTURAL BMP'S BASED ON CONSTRUCTION PROGRESS. ADJUSTMENT SHALL BE BASED ON MEETING THE REQUIREMENTS OF THE EROSION CONTROL PERMIT. BMP'S SHALL BE INSTALLED AND MAINTAINED ACCORDING TO EROSION CONTROL WDNR TECHNICAL STANDARDS.
 9. CONTRACTOR SHALL PROVIDE APPROPRIATE PLANNING AND PREVENTATIVE MEASURES TO PREVENT POLLUTION FROM CONSTRUCTION SITE OPERATIONS INCLUDING BUT NOT LIMITED TO MATERIALS, STAGING, WASTE, WASHOUT AREAS, EQUIPMENT FUELING AND MAINTENANCE, AND SPILL PREVENTION AND CONTROL
 10. A COPY OF THIS EROSION CONTROL PLAN SHALL BE KEPT ON-SITE DURING ALL LAND-DISTURBING CONSTRUCTION ACTIVITIES.



PLAN SHEET LEGEND	
	SEED, MULCH & FERTILIZE TECH STDS 1058 & 1059
	SILT FENCE TECH STD 1056
	TRACKING PAD TECH STD 1057

BIO-INFILTRATION DEVICE TYPICAL SECTION

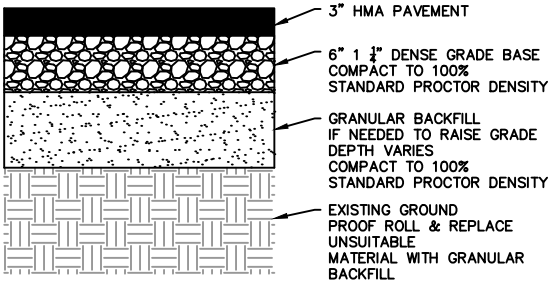


BIOFILTER ELEVATIONS

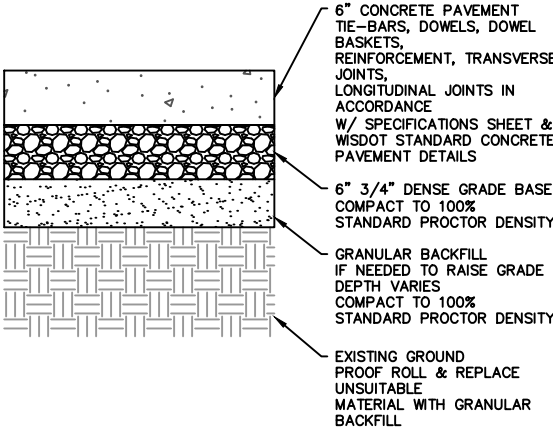
BIOFILTER	BOTTOM OF ENG. SOIL EL.	TOP OF ENG. SOIL EL.	STANDPIPE EL.	WEIR INV EL:
NORTH	640.25	642.25	643.25	643.33
CENTER	640.90	642.90	643.90	644.00
SOUTH	640.90	642.90	643.83	644.00

- CONSTRUCTION NOTES:
- CONSTRUCT BIOFILTER IN ACCORDANCE WITH WDNr TECHNICAL STANDARD 1004.
 - PROVIDED AS CONCEPT ONLY. ACTUAL INSTALLATION DETAILS FOR ADJACENT MATERIALS VARY AND ARE SHOWN ON THE SITE PLAN.
 - GRAVEL SHALL BE COARSE AGGREGATE #2 MEETING THE STANDARDS OF THE WISCONSIN STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (WSSHSC), S. 501.2.5, 2003 ED.
 - COARSE SAND SHALL BE USDA COARSE SAND, FINE AGGREGATE CONCRETE SAND (ASTM 05C33), OR EQUIVALENT AS SPECIFIED IN WSSHSC S. 501.2.5.3.4, 2005 ED.
 - PLANT WITH NATIVE DECORATIVE GRASSES AND PLANTS.
 - PLUGS SHALL BE PLACED 1' ON CENTER.
 - PLANT SELECTION SHALL BE BASED ON ENGINEERED SOIL COMPOSITION AS WELL AS NATIVE SOIL CONDITIONS BENEATH THE ENGINEERED SOIL LAYER.
 - SELECTED PLANTS SHALL BE DEEP ROOTED.
 - SELECTED PLANTS SHALL BE APPROVED BY OWNER PRIOR TO PLANTING.

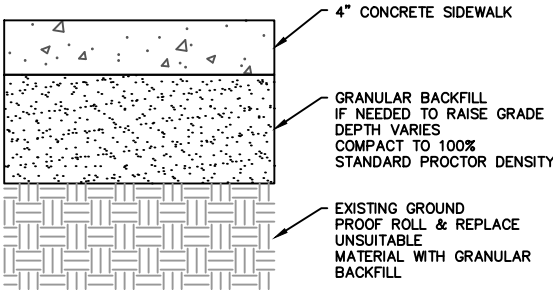
PAVEMENT TYPICAL SECTIONS



HMA PAVEMENT



CONCRETE PAVEMENT

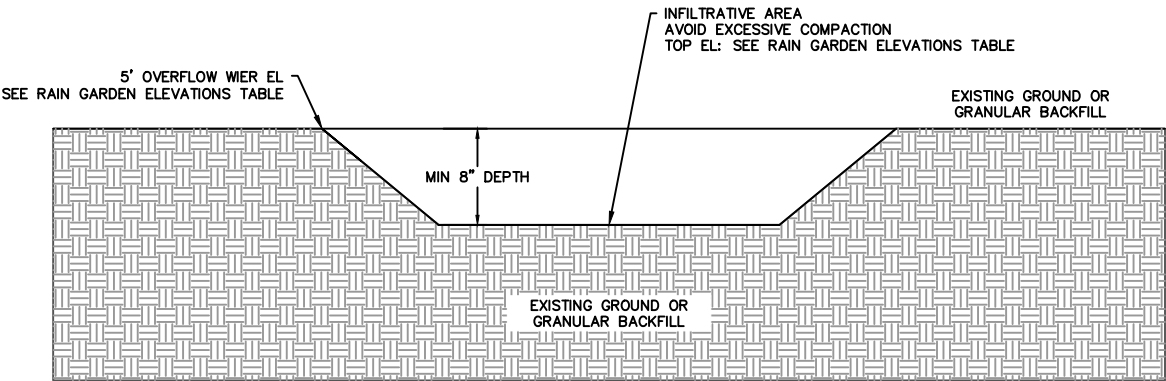


SIDEWALK

RAIN GARDEN

RAIN GARDEN ELEVATIONS

RAIN GARDEN	TOP OF INFIL. SOIL EL.	WEIR INV EL:
NORTH	642.75	643.72
SOUTH	644.40	645.13



- CONSTRUCTION NOTES:
- CONSTRUCT RAIN GARDEN IN ACCORDANCE WITH WDNr TECHNICAL STANDARD 1009
 - PROVIDED AS CONCEPT ONLY. ACTUAL INSTALLATION DETAILS FOR ADJACENT MATERIALS VARY AND ARE SHOWN ON THE SITE PLAN.
 - PLANT WITH NATIVE DECORATIVE GRASSES AND PLANTS OR TURF
 - PROVIDE ADEQUATE PLUG SPACING AND/OR SEED DENSITY AS PER PROVIDER'S INSTRUCTION
 - PLANT SELECTION SHALL BE BASED ON NATIVE SOIL CONDITIONS



MAKEPEACE
ENGINEERING

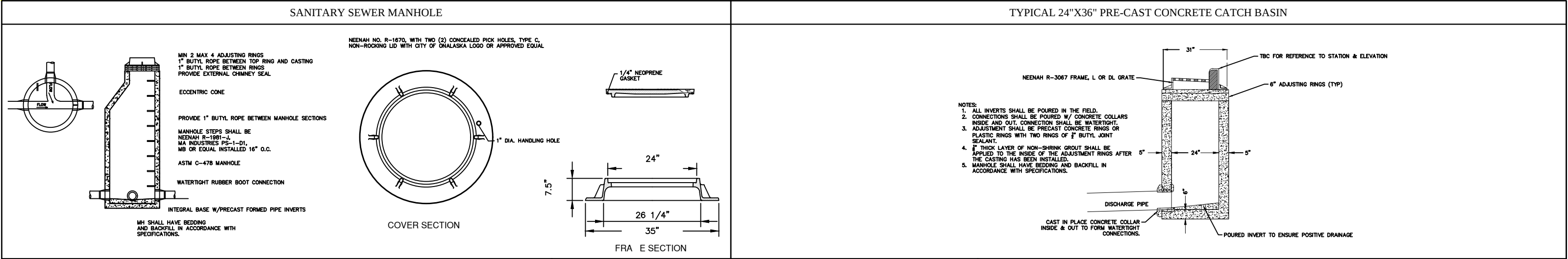
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608.881.6030

LOT 17 WATERVIEW SUBDIVISION
RIVER RUN ROAD
CITY OF LA CROSSE
LA CROSSE COUNTY, WI

02/10/2025

CONSTRUCTION
DETAILS

DATE	REVISION	DESCR.



SILT FENCE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

- HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POSTS SHALL BE A MINIMUM SIZE OF 1½" X 1½" OF OAK OR HICKORY.
- SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS;
 - OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES,
 - HOOK THE END OF EACH SILT FENCE LENGTH.

NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS

① FOLD 3" MAX

SUPPORT CORD OR TENSION TAPE

③ WOOD POSTS, LENGTH 4'-0" MIN. 2'-0" MIN. DEPTH IN GROUND

GEOTEXTILE FABRIC

GEOTEXTILE FABRIC ONLY

BACKFILL & COMPACT TRENCH W/ EXCAVATION SOIL

ATTACH THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS

*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

②

FLOW DIRECTION

GEOTEXTILE FABRIC

WOOD POST

TWIST METHOD

FLOW DIRECTION

GEOTEXTILE FABRIC

WOOD POST

15' MAX

1'-0" MIN.

2'-0" MIN.

HOOK METHOD

WOOD POST

JOINING TWO LENGTHS OF SILT FENCE

TRENCH DETAIL

GEOTEXTILE FABRIC

FLOW DIRECTION

EXCESS FABRIC

TIEBACK BETWEEN FENCE POST AND ANCHOR

SILT FENCE

FLOW DIRECTION

ANCHOR STAKE MIN. 18" LONG

SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER)

NON-CHANNEL EROSION MAT

The diagrams illustrate the installation of a Non-Channel Erosion Mat. **STEP 1** shows a trench being dug into the mat, with a soil pile from the trench being placed back. A flow arrow indicates water direction. Labels include: 'SOIL PILE FROM TRENCH', '1 ROW OF STAPLES', 'TRENCH APPROX. 10" WIDE X 8" DEEP', 'FLOW', '2 ROWS OF STAPLES', '4" SPACING BETWEEN ROWS', and '12" BETWEEN STAPLES'. **STEP 2** shows the mat being rolled back over the trench, with a flow arrow. Labels include: '2 ROWS OF STAPLES', '4" SPACING BETWEEN ROWS', '12" BETWEEN STAPLES', and 'FLOW'. **LONGITUDINAL OVERLAP TYP DETAIL** shows two blankets overlapping with staples through both. **TRANSVERSE OVERLAP TYP DETAIL** shows two rows of staples 4" apart. **TOP EDGE TYP DETAIL** shows the top edge of the mat. **WOOD POSTS** are shown as length of 4'-0" min. and 2'-0" min. depth in ground. **LONGITUDINAL OVERLAP** and **TRANSVERSE OVERLAP** are also labeled with 'SEE TYP DETAIL'.

TRACKING PAD

GENERAL NOTES

DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR-24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.

PLAN VIEW

The plan view shows a rectangular tracking pad with a width of 50' MIN. and a length that VARIES. The pad is filled with clean select crushed material. It is bounded by existing field entrances on the left and right. A culvert pipe is shown at the bottom left, labeled 'CULVERT PIPE IF NEEDED'. The limits of the tracking pad are indicated to match the existing ground elevation.

SECTION B-B

This cross-section shows the tracking pad with a width of 50' MIN. and a height of 18". It is constructed of clean select crushed material over a geotextile fabric, which is placed over the existing ground. A culvert pipe is shown at the bottom left, labeled 'CULVERT PIPE IF NEEDED'.

SECTION A-A

This cross-section shows the tracking pad with a width that VARIES and a height of 18". It is constructed of clean select crushed material over a geotextile fabric, which is placed over the existing ground.

DITCH CHECKS

DITCH CHECKS FOR DRAINAGE SWALES

SEDIMENT LOGS
DOWN SLOPE
SLOPE SURFACE
WOOD STAKE
WOOD STAKE TO ONLY PENETRATE NETTING, NOT MATERIAL
TOP OF BLANKET
24" MINIMUM

STAKE DETAILS (ON TOP OF ECB)

SEDIMENT LOGS
DOWN SLOPE
TRENCH
WOOD STAKE
WOOD STAKE TO ONLY PENETRATE NETTING, NOT MATERIAL
SLOPE SURFACE
24" MINIMUM

OPTIONAL TRENCH (ON BARE SOIL)

SEDIMENT LOGS
TOP OF BLANKET
WOOD STAKE
WOOD STAKE TO ONLY PENETRATE NETTING, NOT MATERIAL
24" MINIMUM

STAKE DETAILS (FRONT VIEW)

SEDIMENT LOGS
DOWN SLOPE
SLOPE SURFACE
WOOD STAKE
WOOD STAKE TO ONLY PENETRATE NETTING, NOT MATERIAL
24" MINIMUM

STAKE DETAILS (ON BARE SOIL)

12" BIO ROLL, BURY INTO GRADE
SWALE GRADE
24' OC
2X2X30" WOOD STAKES 24" OC
WOOD STAKE TO ONLY PENETRATE NETTING, NOT MATERIAL

STAKE DETAILS (FRONT VIEW)



LOT 17 WATERVIEW SUBDIVISION
RIVER RUN ROAD
CITY OF LA CROSSE
LA CROSSE COUNTY, WI

EROSION CONTROL DETAILS

DATE	REVISION	DESCR.	9 9