

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

4103 - 4119 PORTAGE ROAD PHASE TWO

CITY PROJECT NO. 11512

CONTRACT NO. 7873

INDEX OF SHEETS

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U4-U5	WATER PLAN & PROFILE
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PROJECT
LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANTARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊥

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 1.5%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 3, 2017

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 2/25/17
City Engineer Date

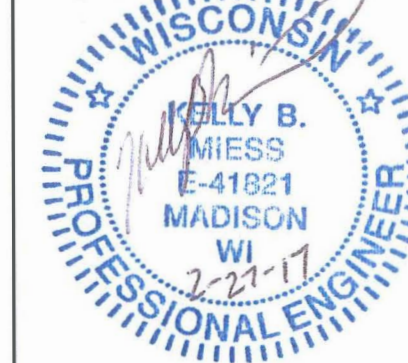
STREET
DESIGNED BY:



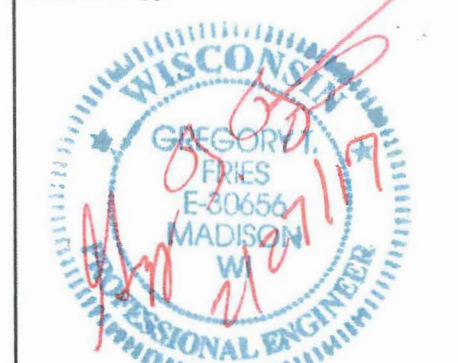
SANITARY SEWER
DESIGNED BY:



WATER MAIN
DESIGNED BY:



STORM SEWER
DESIGNED BY:



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ALL ASPHALT PAVEMENT ON PORTAGE ROAD SHALL BE TYPE "C" ASPHALT PAVEMENT PER S.D.D. 4.06. ASPHALT PAVEMENT ON DILORETO AVENUE SHALL BE TYPE "B" PAVEMENT PER S.D.D. 4.06.

ALL ISLANDS SHALL HAVE TYPE "H" CURB & GUTTER PER S.D.D. 3.08 UNLESS NOTED OTHERWISE IN THE PLAN. ALL ISLANDS SHALL HAVE MOUNTABLE NOSES PER S.D.D. 3.13. ALL OTHER CURB & GUTTER SHALL BE TYPE "A" PER S.D.D. 3.06.

ISLAND INTERIORS SHALL BE OF SOD WHERE THE BACK TO BACK OF CURB DIMENSION IS GREATER THAN 6'.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

PAVEMENT CROSS SLOPES SHALL BE 2%, TERRACES SHALL SLOPE AT A 4% GRADE TOWARD THE GUTTER, SHOULDERS SHALL HAVE A 4% CROSS SLOPE AND CROSS SLOPES FORMING DITCHES SHALL NOT EXCEED 4.00:1 UNLESS OTHERWISE INDICATED.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. CONCRETE TERRACE SHALL BE INSTALLED BETWEEN THE SIDEWALK AND THE BACK OF CURB AT SIDEWALK LOW POINTS WHICH CANNOT OTHERWISE BE DRAINED DIRECTLY TO THE GUTTER. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

STREET TREES SHALL BE REPLACED AS SHOWN IN THE PLAN OR AS DIRECTED BY THE CITY FORESTER. COORDINATE STREET TREE PLANTING, LOCATIONS, QUANTITY, SPECIES AND SIZE WITH DEAN KAHL OF CITY FORESTRY, 266-4891.

THE DEVELOPER SHALL REPLACE ALL CURB & GUTTER AND SIDEWALK THAT IS DAMAGED BY CONSTRUCTION OR DETERMINED TO BE IN UNSATISFACTORY CONDITION.

THESE PLANS ARE FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY ONLY. INFORMATION SHOWN ON PRIVATE LANDS IS FOR REFERENCE ONLY.

ALL PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH CITY PAVEMENT PATCHING CRITERIA AND SHALL BE ACCOMPLISHED AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. ALL SAWCUTS FOR PAVEMENT PATCHES SHALL BE LOCATED AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER.

ALL DISTURBED TERRACE AREAS SHALL BE RESTORED WITH 4-INCHES OF TOP SOIL AND SEED UNLESS DIRECTED OTHERWISE ON THE PLAN OR BY THE CITY CONSTRUCTION ENGINEER.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW TO THE CITY TRAFFIC ENGINEERING DIVISION AT LEAST 10 WORKING DAYS PRIOR TO WORK BEGINNING WITHIN PUBLIC RIGHT-OF-WAYS. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH ALL MUTCD REQUIREMENTS. WORK SHALL NOT PROCEED UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. THE TRAFFIC CONTROL PLAN MAY INCLUDE BUT IS NOT LIMITED TO: LANE CLOSURE RESTRICTIONS, PEAK HOUR WORKING RESTRICTIONS, ACCESS REQUIREMENTS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING WORK AS NECESSARY TO MEET THE REQUIREMENTS OF THE APPROVED TRAFFIC CONTROL PLAN. CONTACT JEREMY NASH WITH THE CITY TRAFFIC ENGINEERING DIVISION AT (608) 266-6585 TO COORDINATE THE TRAFFIC CONTROL PLAN.

Pavement Patching Criteria

Criteria use on:

Streets with pavement rating > 6
Arterial Streets

1. Length of Patch

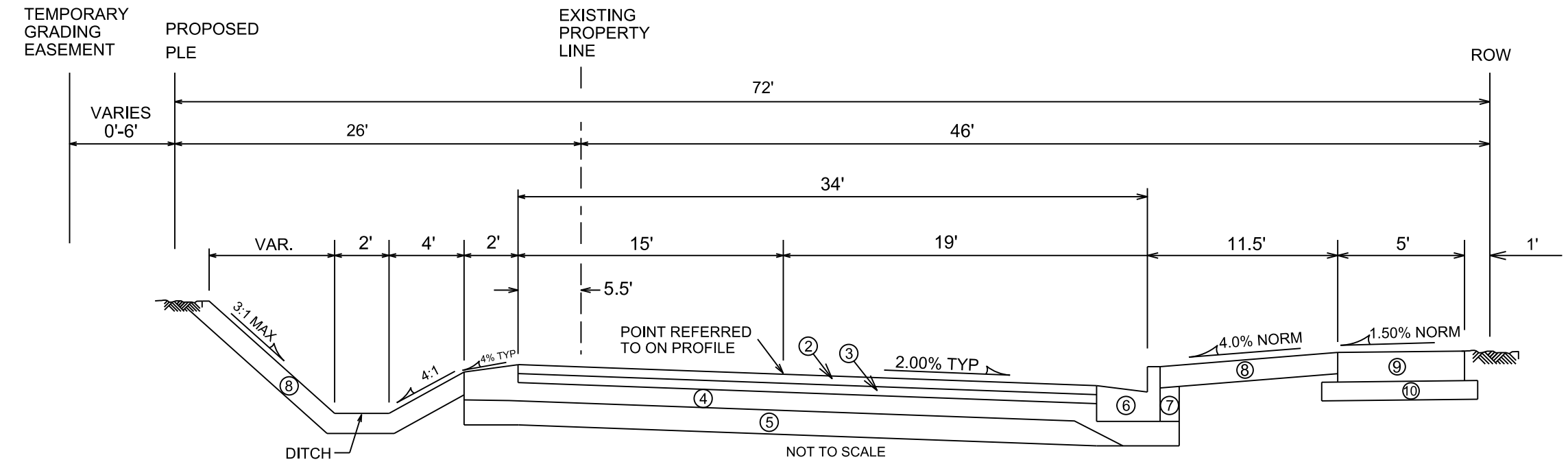
- a. Minimum 50 feet long
- b. Minimum of 15 feet beyond the excavation
- c. Where multiple patches are created and the separation between them is less than 100 feet, the patches shall be combined into a single patch.
- d. The patches shall be adjusted in the field to meet special conditions such as previous paving or patching limits.

2. Width of Patch (all dimensions are curb face to curb face)

- a. All Streets Except Divided or one way roadways
 - i. Street Width 0 to 24 feet wide - Patch entire street width
 - ii. Street Width 25 to 37 feet wide - Patch one half the street width (curb to centerline of roadway). Note - Utility Engineer may adjust paving limit to correspond with a painted centerline in situations where the painted centerline is not in the center of the street.
 - iii. Street Width 38 feet and up - Patch width of entire lane for each lane which was disturbed by the excavation.
 - 1. If the lane is adjacent to a bike lane, include the bike lane. (except when there is a parking lane between the bike lane and the curb)
 - 2. If the lane is a bike lane and adjacent to a parking lane, include the parking lane.
 - 3. If the lane is a bike lane and not adjacent to a parking lane, include the adjacent travel lane.
- b. Divided Roadways and One Way Streets
 - i. Street 0 to 19 feet wide - Patch entire street width
 - ii. Street Width 20 feet and up - Patch width of entire lane for each lane which was disturbed by the excavation.
 - 1. If the lane is adjacent to a bike lane, include the bike lane. (except when there is a parking lane between the bike lane and the curb)
 - 2. If the lane is a bike lane and adjacent to a parking lane, include the parking lane.
 - 3. If the lane is a bike lane and not adjacent to a parking lane, include the adjacent travel lane.

STREET RATINGS

STREET NAME	CLASSIFICATION	PAVEMENT RATING
PORTAGE ROAD	COLLECTOR	7
DILORETO AVENUE	LOCAL	NEW STREET



TYPICAL FINISHED SECTION
DILORETO AVENUE
STATION 15+50 to STATION 18+00

- ① POINT REFERRED TO ON PROFILE
- ② 2" TYPE E-1 BITUMINOUS UPPER LAYER
- ③ 2 1/4" TYPE E-1 BITUMINOUS LOWER LAYER
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ MIN. 2" SELECT FILL

SEE CROSS SECTION SHEETS FOR
CROSS SLOPES AND TOP OF
CURB ELEVATIONS.

*CITY OF MADISON MINIMUM PAVEMENT DESIGN
1) ALL PAVEMENT ON DILORETO AVE SHALL BE TYPE 'B' PER STANDARD SPECIFICATIONS

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER TYPE	LOWER LAYER THICKNESS	UPPER LAYER TYPE	UPPER LAYER THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.25"	E-1	2.00"
C	6"	4"	E-3	3.25"	E-3	2.00"

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

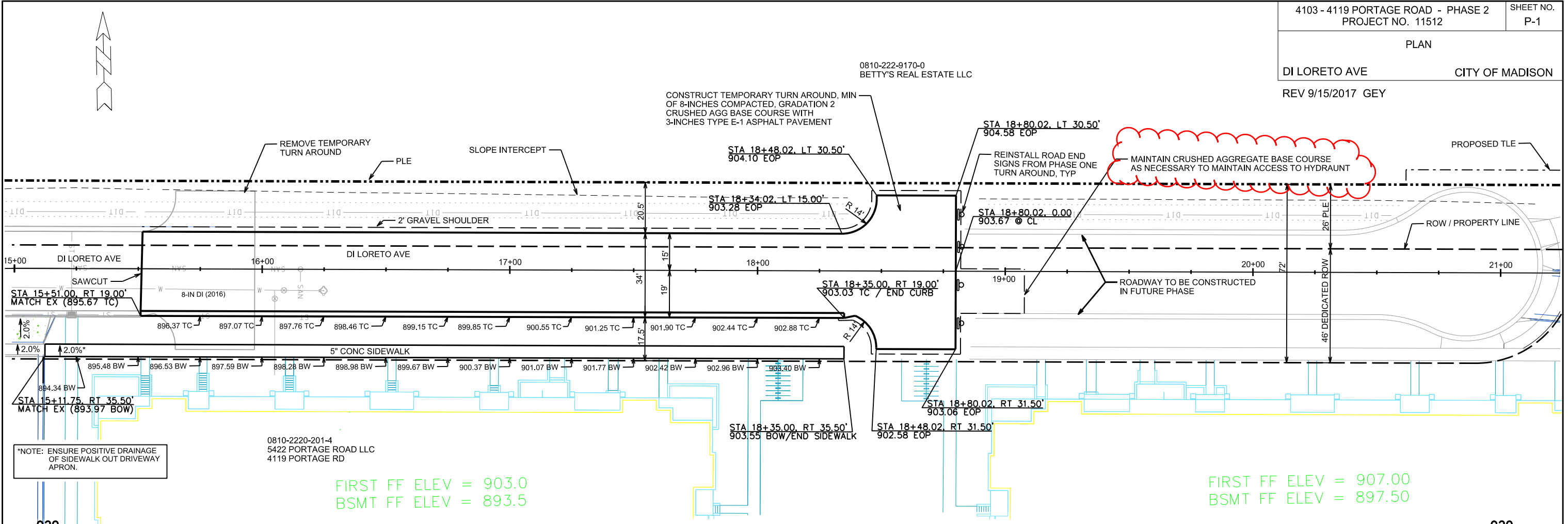
PLAN

DI LORETO AVE CITY OF MADISON

REV 9/15/2017 GEY

0810-222-9170-0
BETTY'S REAL ESTATE LLC

CONSTRUCT TEMPORARY TURN AROUND, MIN
OF 8-INCHES COMPACTED, GRADATION 2
CRUSHED AGG BASE COURSE WITH
3-INCHES TYPE E-1 ASPHALT PAVEMENT



PLOT SCALE: _____

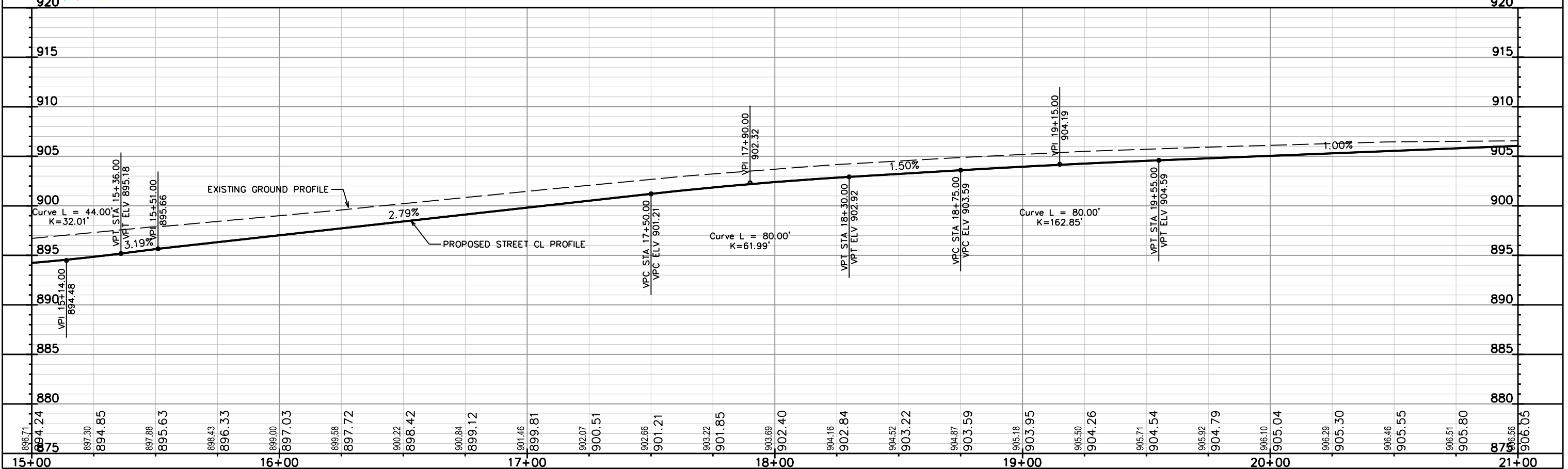
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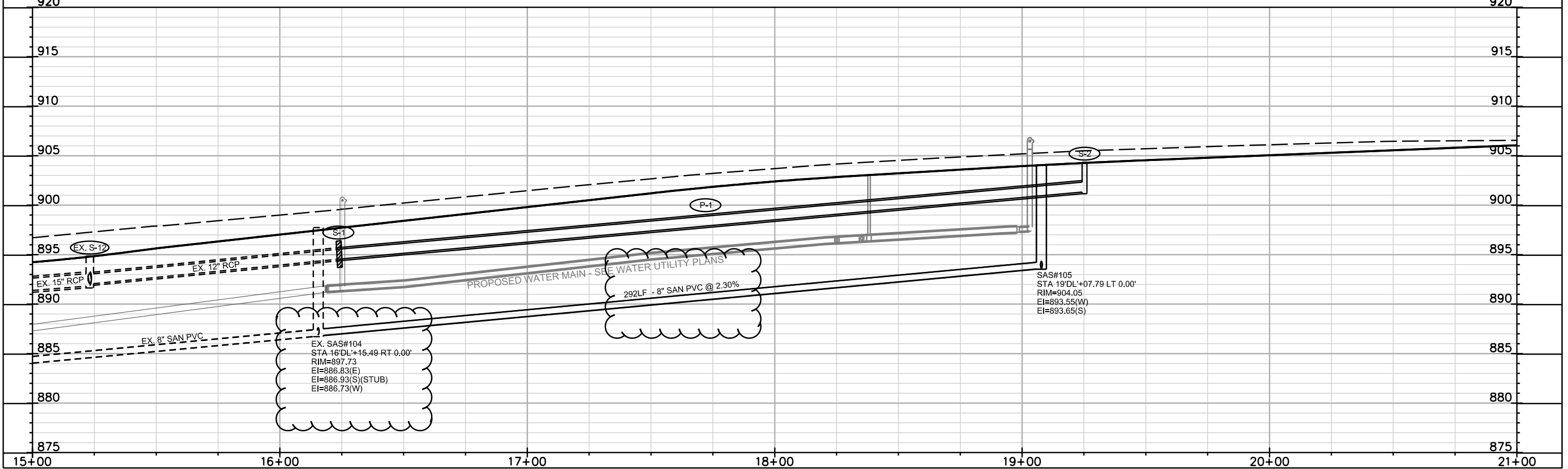
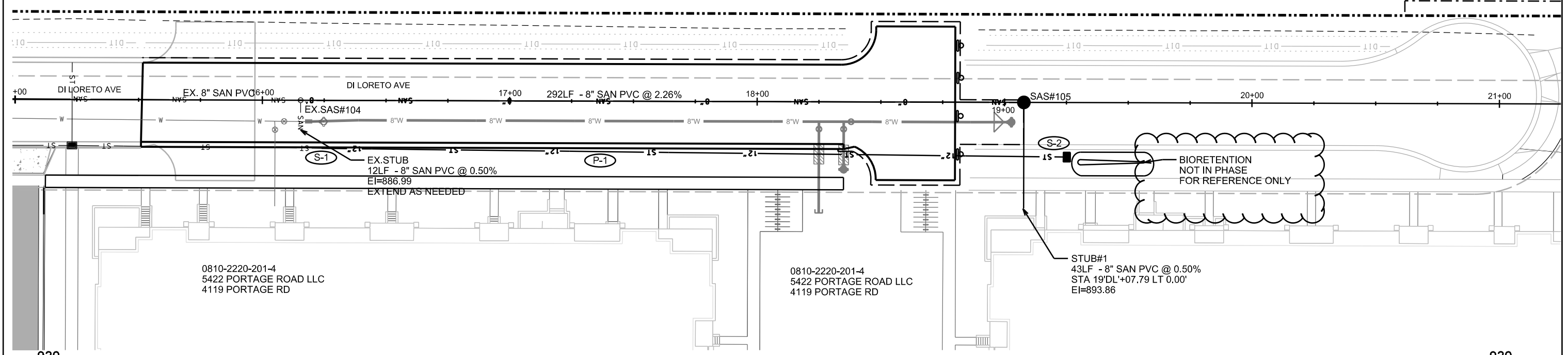
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FIRST FF ELEV = 903.0
BSMT FF ELEV = 893.5

FIRST FF ELEV = 907.00
BSMT FF ELEV = 897.50



0810-222-9170-0
BETTY'S REAL ESTATE LLC



EX. SAS#104
STA 16'DL'+15.49 RT 0.00'
RIM=897.73
EI=886.83(E)
EI=886.93(S)(STUB)
EI=886.73(W)

PROPOSED WATER MAIN - SEE WATER UTILITY PLANS
292LF - 8" SAN PVC @ 2.30%

SAS#105
STA 19'DL'+07.79 LT 0.00'
RIM=904.05
EI=893.55(W)
EI=893.65(S)

BIORETENTION
NOT IN PHASE
FOR REFERENCE ONLY

PLOT SCALE:

PLOT NAME:

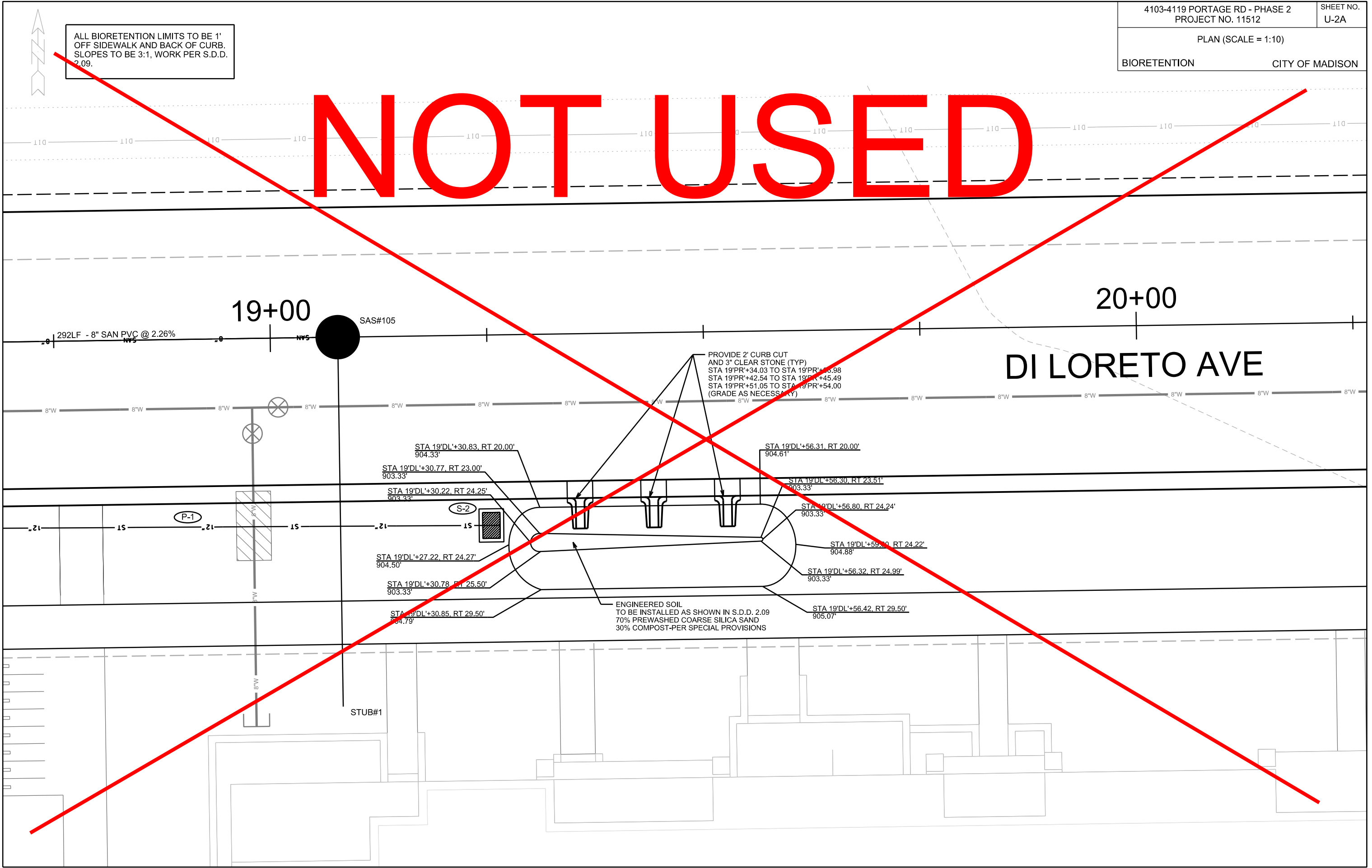
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ALL BIORETENTION LIMITS TO BE 1'
OFF SIDEWALK AND BACK OF CURB.
SLOPES TO BE 3:1, WORK PER S.D.D.
2.09.

NOT USED

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



4103-4119 Portage Rd Rain Garden - Phase 2

RAIN GARDEN PLANTING SCHEDULE

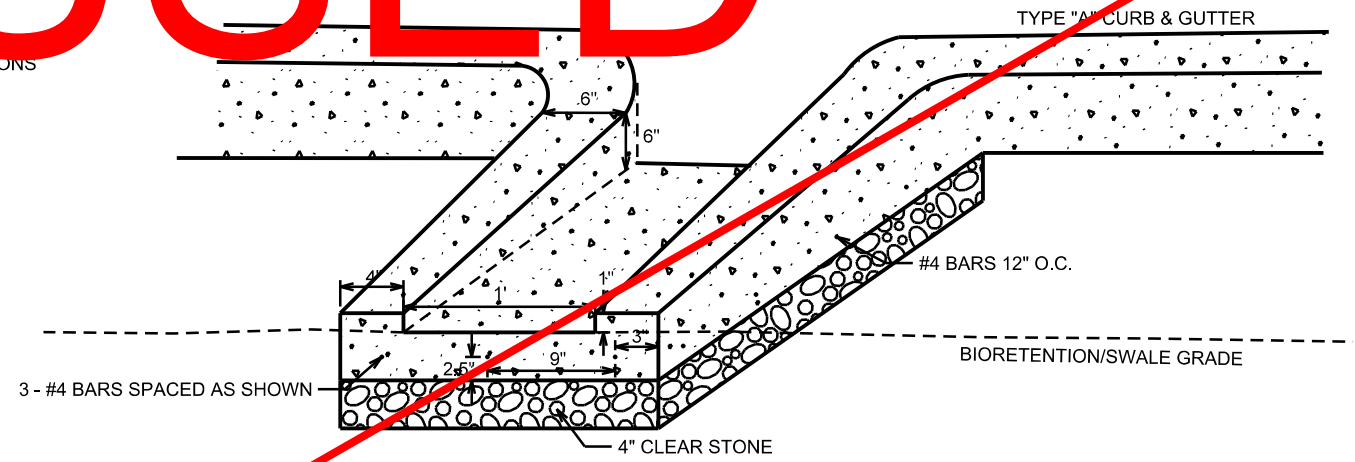
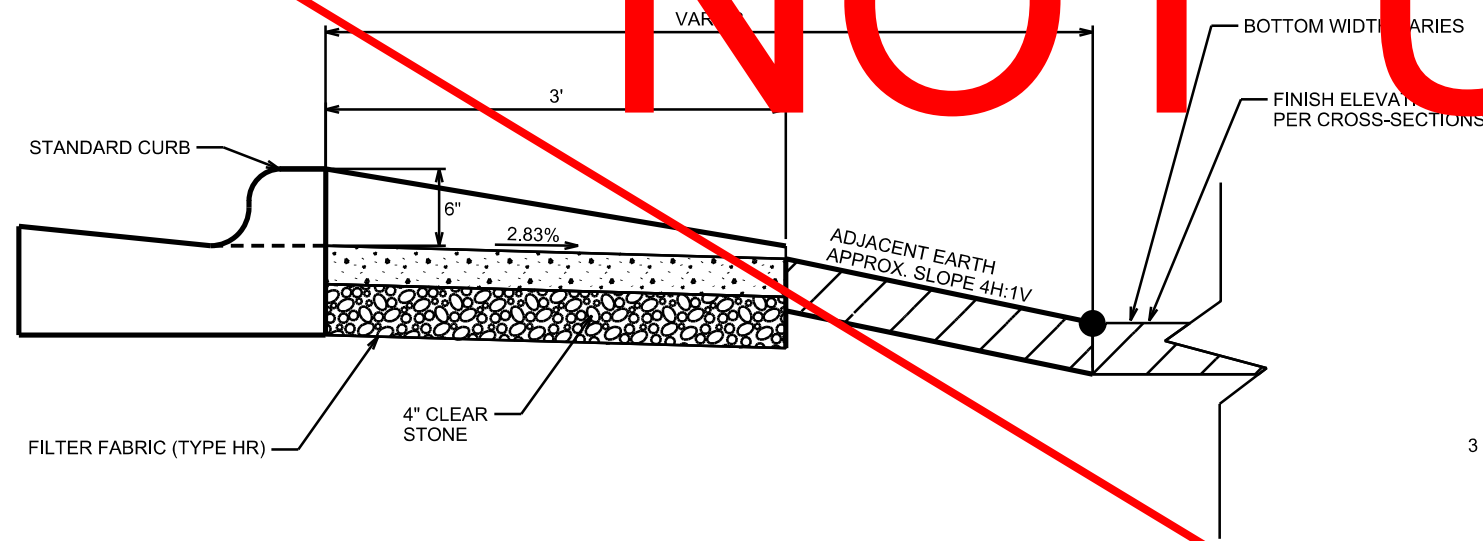
NOT USED

COMMON PLANT NAME	SCIENTIFIC NAME	SIZE	P O T T E D	D R Y	W E T	S P R I N G	S u m m e r	F A L L	Q t y
Forbs									
Lavendar Hyssop	<i>Agastache foeniculum</i>	2.5" Plug	X		X	X	X		14
Nodding Onion	<i>Allium cernuum</i>	2.5" Plug	X	X		X	X		29
Leadplant	<i>Amorpha canescens</i>	2.5" Plug	X	X		X	X		29
Columbine	<i>Aquilegia canadensis</i>	2.5" Plug	X	X		X	X		29
Butterfly Weed	<i>Asclepias tuberosa</i>	2.5" Plug	X	X		X	X		29
Heath Aster	<i>Aster ericoides</i>	2.5" Plug	X	X		X	X		29
Silky Aster	<i>Aster sericeus</i>	2.5" Plug	X	X		X	X		29
Harebell	<i>Campanula rotundifolia</i>	2.5" Plug	X	X		X	X		29
Lanceleaf Coreopsis	<i>Coreopsis lanceolata</i>	2.5" Plug	X	X		X	X		29
Shooting Star	<i>Dodecatheon meadia</i>	2.5" Plug	X	X		X	X		29
Wild Geranium	<i>Geranium maculatum</i>	2.5" Plug	X	X		X	X		29
Western Sunflower	<i>Helianthus occidentalis</i>	2.5" Plug	X		X	X	X		14
Northern Blue Flag Iris	<i>Iris versicolor</i>	2.5" Plug	X		X	X	X		14
Black-eyed Susan	<i>Rudbeckia hirta</i>	2.5" Plug	X		X	X	X		14
Zig Zag Goldenrod	<i>Solidago flexicaulis</i>	2.5" Plug	X		X	X	X		14
Spiderwort	<i>Tradescantia bracteata</i>	2.5" Plug	X	X		X	X		29
Golden Alexander	<i>Zizia aurea</i>	2.5" Plug	X		X	X	X		14
Sedges									
Bebb's Sedge	<i>Carex bebbii</i>	2.5" Plug	X		X	X	X		14
Common Oak Sedge	<i>Carex pensylvanica</i>	2.5" Plug	X	X		X	X		29
Brown Fox Sedge	<i>Carex vulpinoidea</i>	2.5" Plug	X	X		X	X		29
Wool-grass	<i>Scirpus cyperinus</i>	2.5" Plug	X		X	X	X		14
Grasses									
Sweet Grass	<i>Hierochloe odorata</i>	2.5" Plug	X		X	X	X		14
Sideoats Grama Grass	<i>Bouteloua curtipendula</i>	2.5" Plug	X	X		X	X		29
Little Blue Stem Grass	<i>Schizachyrium scoparium</i>	2.5" Plug	X	X		X	X		29
Prairie Dropseed	<i>Sporobolus heterolepis</i>	2.5" Plug	X		X	X	X		14
TOTAL PLANTS									575

CONCRETE FLUME OPENING DETAIL (NOT TO SCALE)

CONCRETE FLUME DETAIL (NOT TO SCALE)

NOT USED



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SCHEDULE

ALIGNMENT CODES:

'DL' - DI LORETO AVE

4103-4119 PORTAGE ROAD - PHASE 2

SHEET NO.

PROJECT NO. 11512

U-4

SANITARY SEWER SCHEDULE

CITY OF MADISON

REVISED LES 9/15/2017

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#105	19'DL'+07.79	LT-0.00	904.05	893.55	10.50	

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
* SAS#104	SAS#105	886.83	893.55	292	2.30%	8"	SDR-35	PER ASTM D3034
SAS#105	STUB#1	893.65	893.86	43	0.50%	8"	SDR-35	PER ASTM D3034

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
STUB#1	19'DL'+07.81	RT-42.68	-	893.86	-	

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'PR'- PORTAGE ROAD
'DL'- DI LORETO AVENUE

4103-4119 PORTAGE RD - PHASE 2
PROJECT NO. 11512

SHEET NO.
U-5

STORM SEWER SCHEDULE

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	16'DL'+24.00	RT-19.38	CONCRETE COLLAR	-	894.55	-	PER CITY OF MADISON S.D.D. 5.4.5
S-2	19'DL'+25.22	RT-22.00	H INLET	904.33	901.33	3.00	W/ R-1878-B7G

PROPOSED STORM PIPES

PIPE NO.	FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	PIPE LENGTH (FT)	PLAN LENGTH (FT)	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
P-1	S-1	S-2	894.55	901.33	300	301	2.26%	12"	RCP	

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT LAUREN STRIEGL OF CITY ENGINEERING AT (608) 266-4094, LSTRIEGL@CITYOFMADISON.COM, FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275.
- INLETS LOCATED IN TYPE "H" CURB SHALL BE INSTALLED PER S.D.D. 5.7.27

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

EROSION CONTROL PLAN

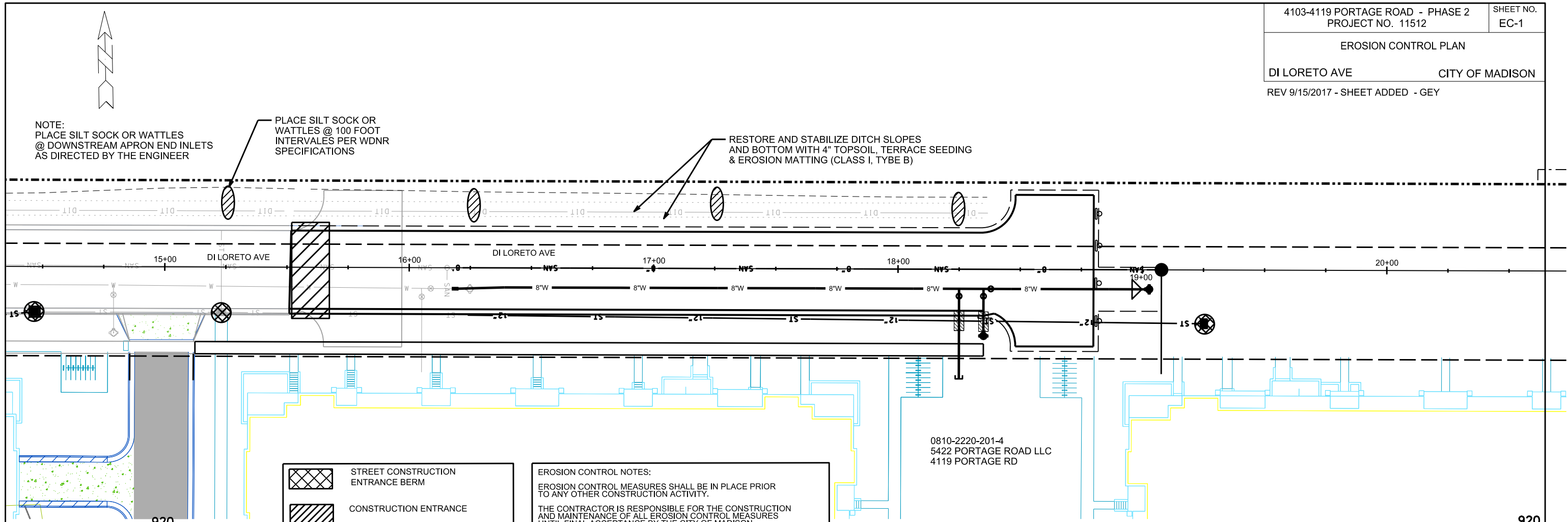
DI LORETO AVE CITY OF MADISON







REV 9/15/2017 - SHEET ADDED - GEY

NOTE:
PLACE SILT SOCK OR
WATTLES
@ DOWNSTREAM APRON END INLETS
AS DIRECTED BY THE ENGINEER

PLACE SILT SOCK OR
WATTLES @ 100 FOOT
INTERVALS PER WDNR
SPECIFICATIONS

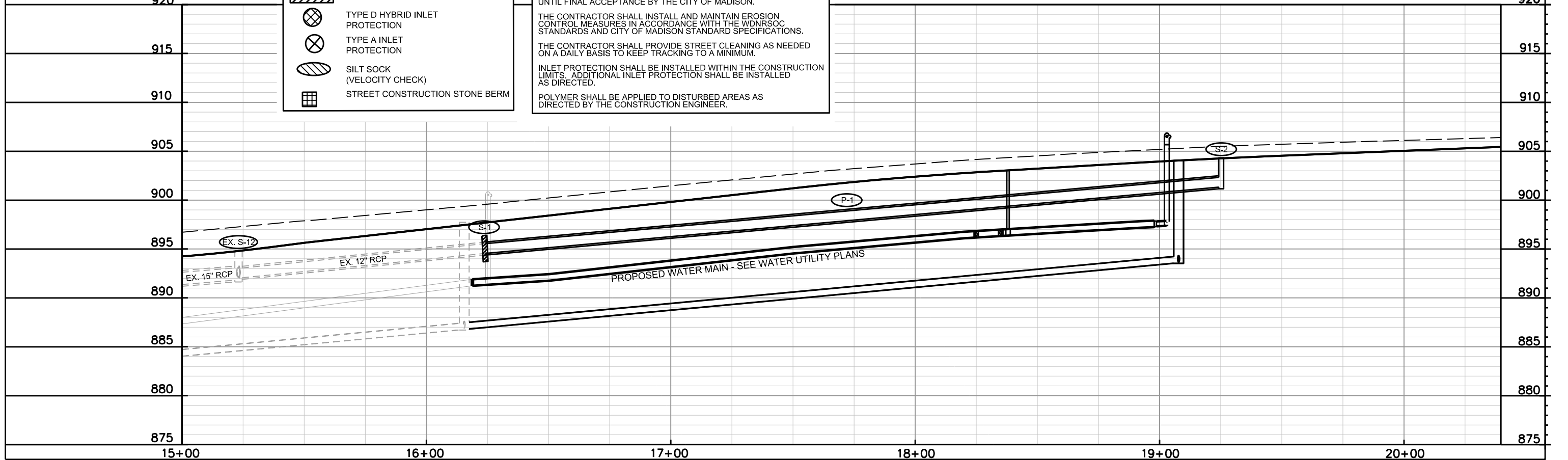
RESTORE AND STABILIZE DITCH SLOPES
AND BOTTOM WITH 4" TOPSOIL, TERRACE SEEDING
& EROSION MATTING (CLASS I, TYPE B)



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE A INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:
EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

0810-2220-201-4
5422 PORTAGE ROAD LLC
4119 PORTAGE RD

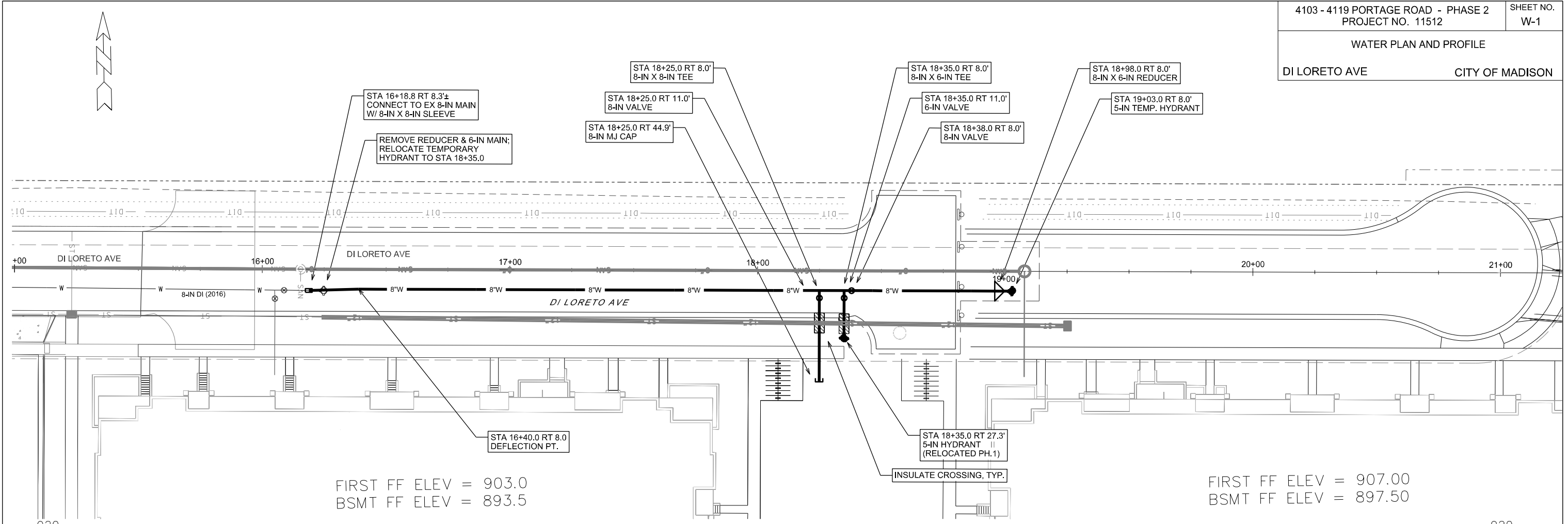


PLOT SCALE: _____

PLOT NAME: _____

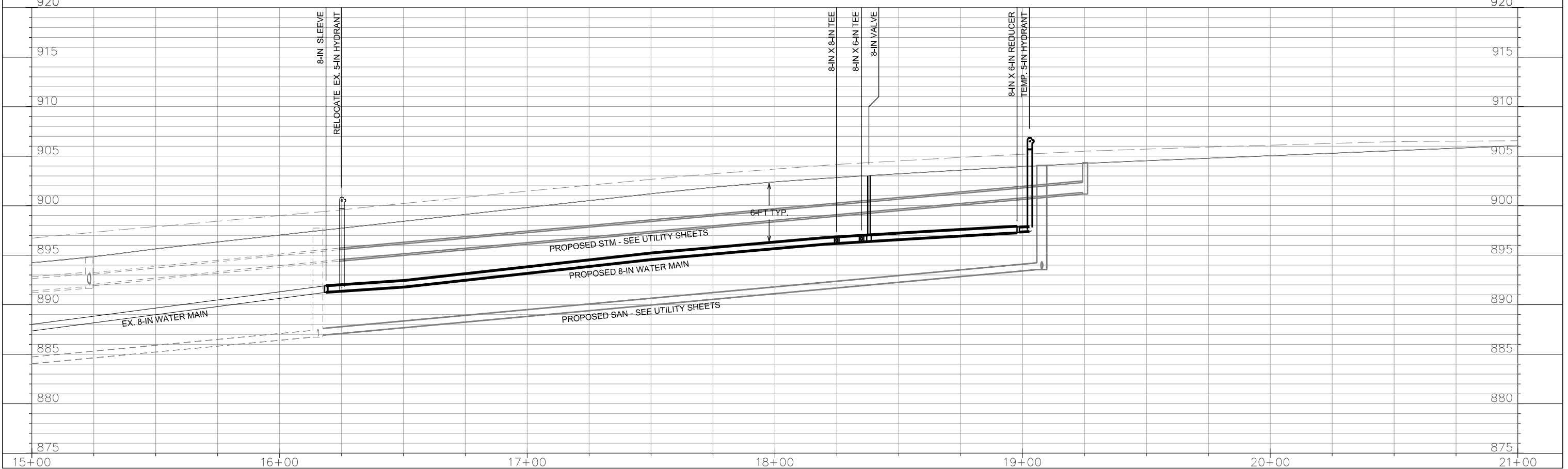
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



FIRST FF ELEV = 903.0
 BSMT FF ELEV = 893.5

FIRST FF ELEV = 907.00
 BSMT FF ELEV = 897.50



PLOT SCALE: _____

PLOT NAME: _____

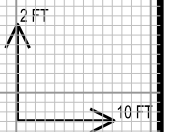
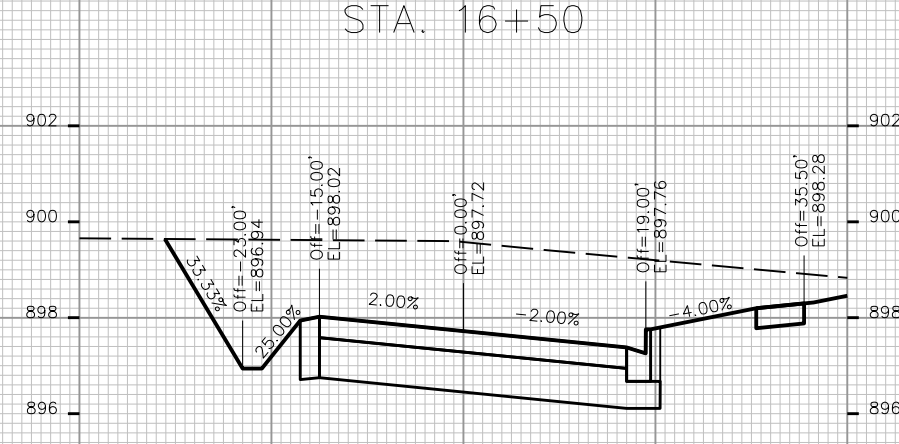
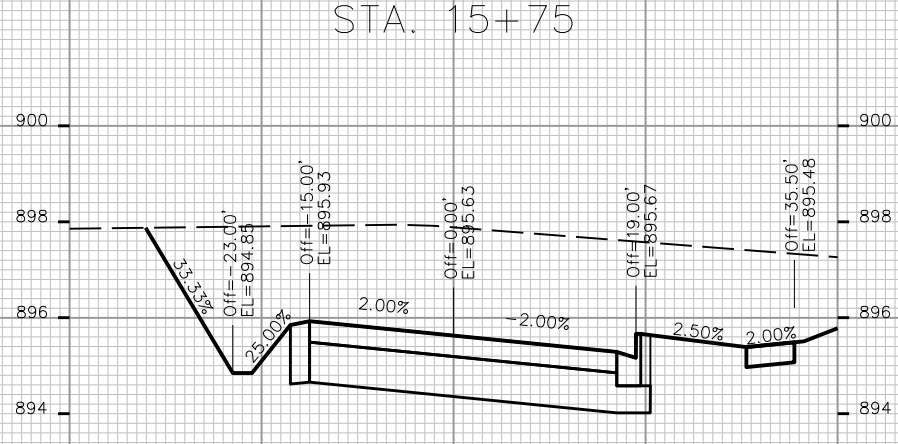
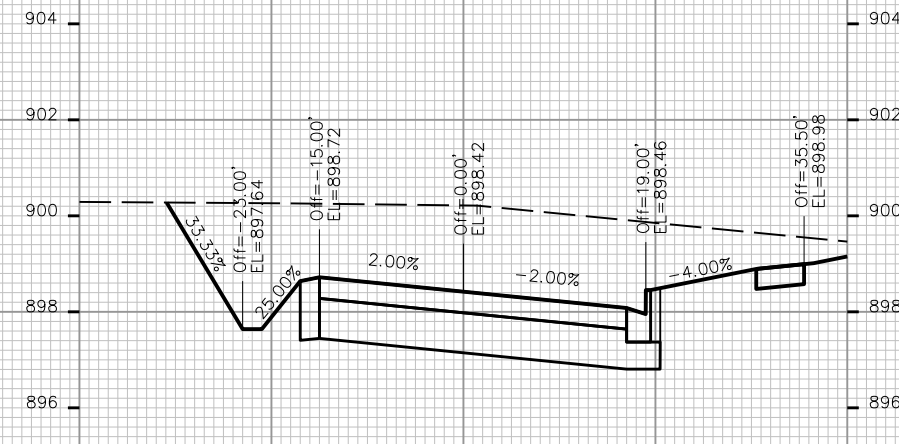
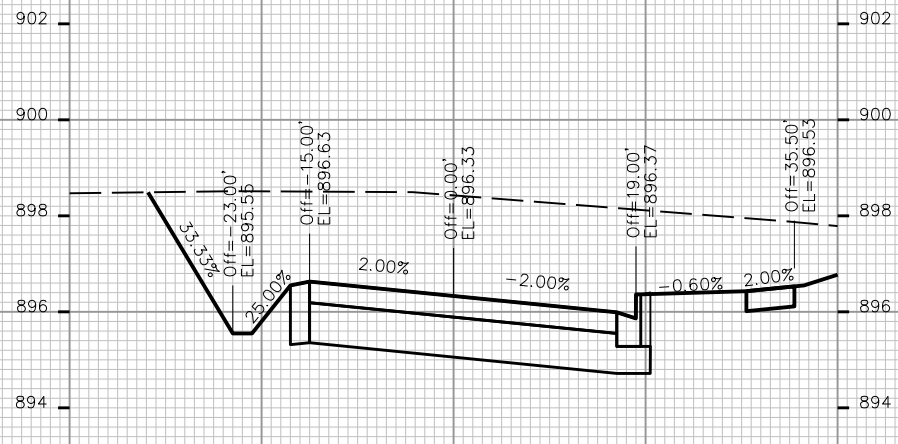
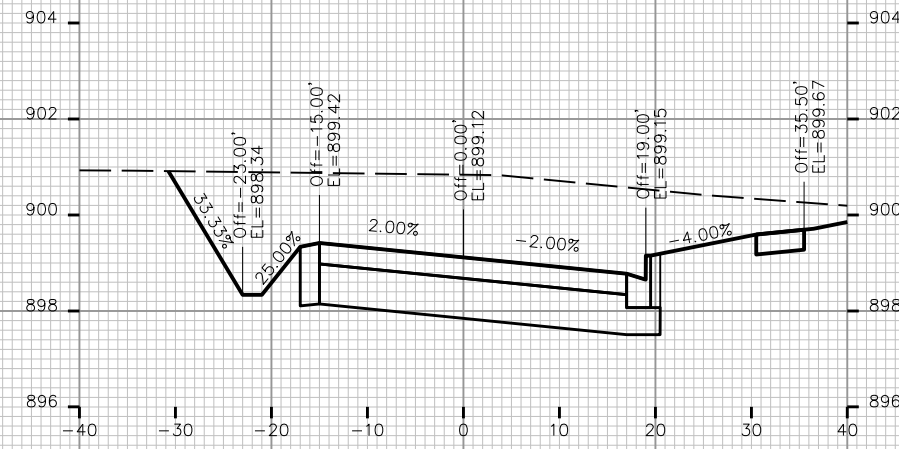
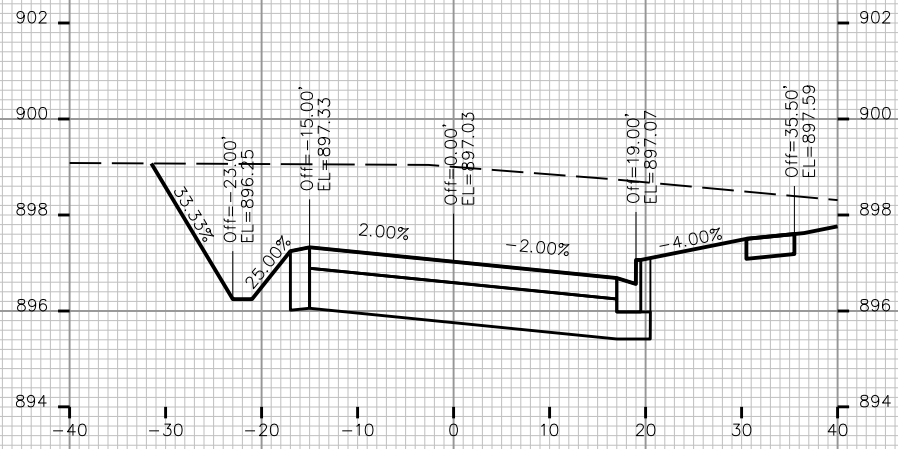
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

DI LORETO AVE

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

DI LORETO AVE

CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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