

NOTE: ALL RAILINGS WITHIN PROPERTY TO BE REMOVED. RAILINGS TO BE REPLACED. SEE ARCHITECTURAL DRAWINGS.

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CALL DIGGER'S HOTLINE

1-800-242-8511

TOLL FREE

TELEFAX: 1-800-338-3860

TDC (FOR HEARING IMPAIRED):

1-800-542-2289

WIS. STATUTE 182.0175 (1979)

REQUIRES MINIMUM OF 3 WORKING DAYS

NOTICE BEFORE YOU EXCAVATE.

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MSR	710 South 2nd Street, 8th Floor Minneapolis, Minnesota 55401–2282
Architecture Interiors and Urban Design	612 375 0336 tel 612 342 2216 fax www.msrdesign.com
	nd Landscape Architects  Design, Inc

303 South Paterson St Madison, WI 53703 608.251.3600 tel

KJWW

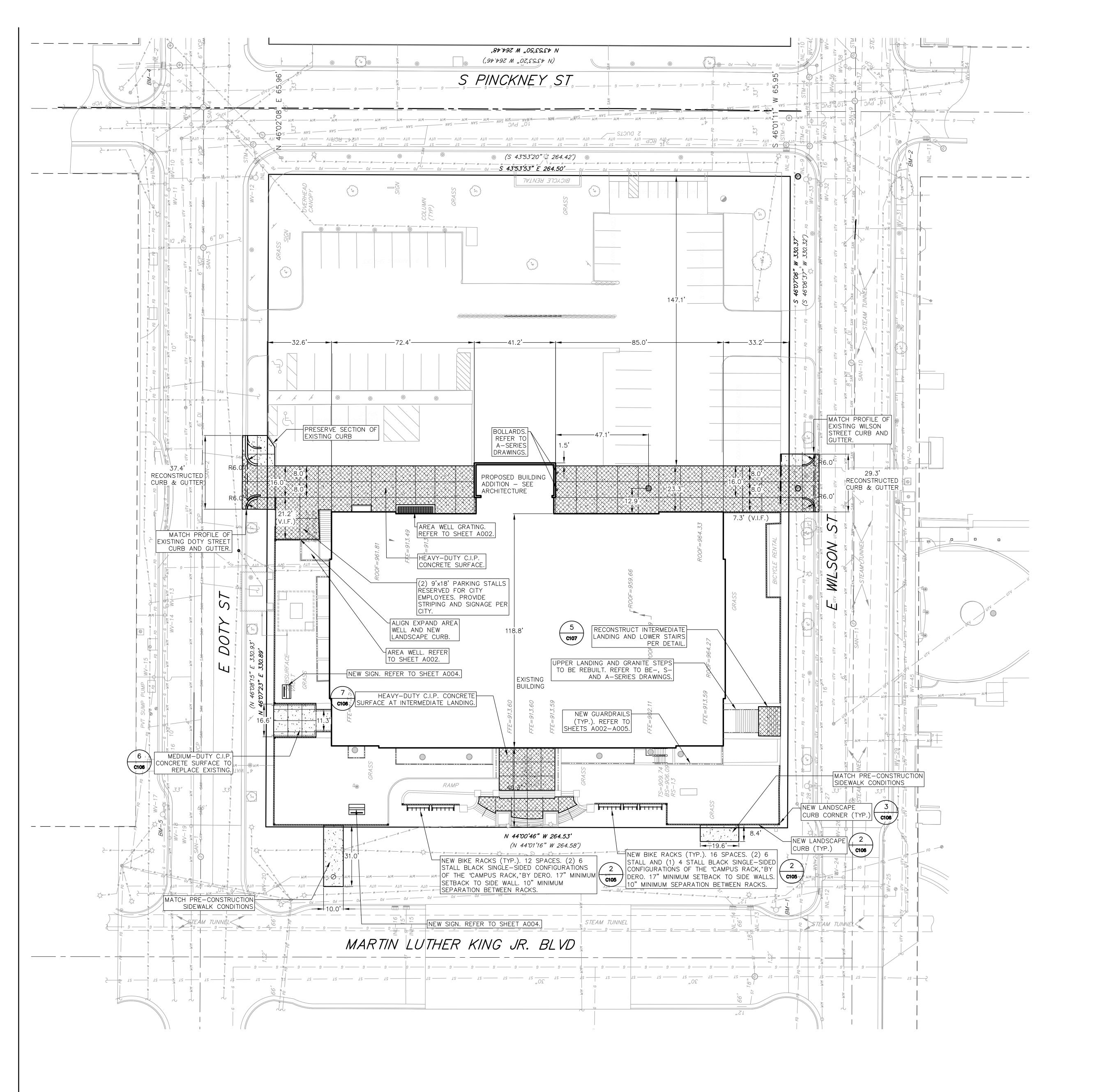
MEP Engineers

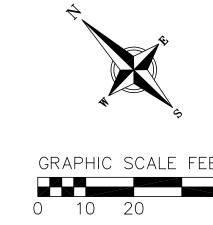
Structural Engineering, Technology, AV

1800 Deming Way, Suite 200 Middleton, WI 53713 608.223.9600 tel

**MEP Associates** 

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	Lighting Designe	_	
	30232 County 7 Chatfield, MN 55 507.867.1628 te	5923	
	Preservation Arc	chitect Quagliana	a AIA
	5641 Willoughby Mazomanie, WI 608.449.9589 te	/ Rd 53560	a, , , , , , ,
	Building Envelop		
	115 E. Main Stre Madison, WI 53	703	Architects
	608.204.0825 te		
	575 Minnehaha		ulting
	St. Paul, MN 55 651.251.1879 te	sl	
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#### SITE PLAN LEGEND



NEW HEAVY-DUTY C.I.P. CONCRETE ( )



NEW C.I.P. CONCRETE LANDSCAPE CURB

----- NEW GUARDRAIL WITH HANDRAIL

---- NEW GUARDRAIL ----- NEW HANDRAIL

NEW BOLLARD

NOTE: REFER TO SHEETS A002-A005 FOR GUARDRAIL AND HANDRAIL DETAIL.





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Acoustical Consultant
KRA
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115 E. Main Street, Suite 200 Madison, WI 53703 608.204.0825 tel

Charles Quagliana, AIA

Insite Consulting Architects

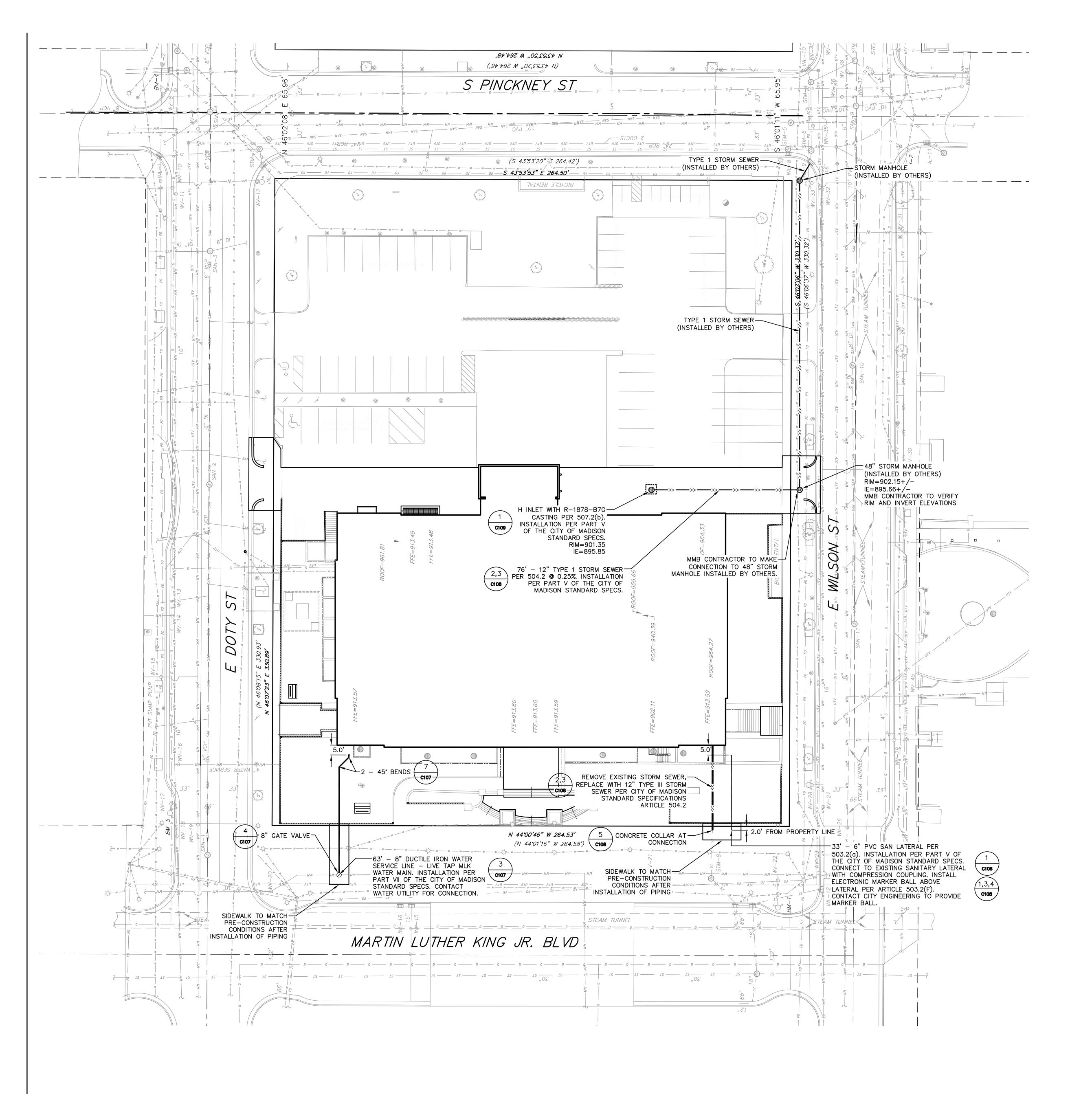
Gallina Design

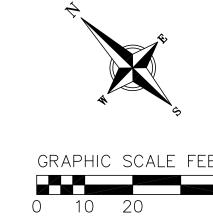
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EXHIBIT D

SITE PLAN





UTILITY PLAN LEGEND

---->> ---- STORM SEWER PIPE

STORM SEWER MANHOLE

STORM SEWER FIELD INLET

———— SANITARY SEWER LATERAL PIPE

------ WATER SERVICE LATERAL PIPE





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Gallina Design
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Preservation Architect
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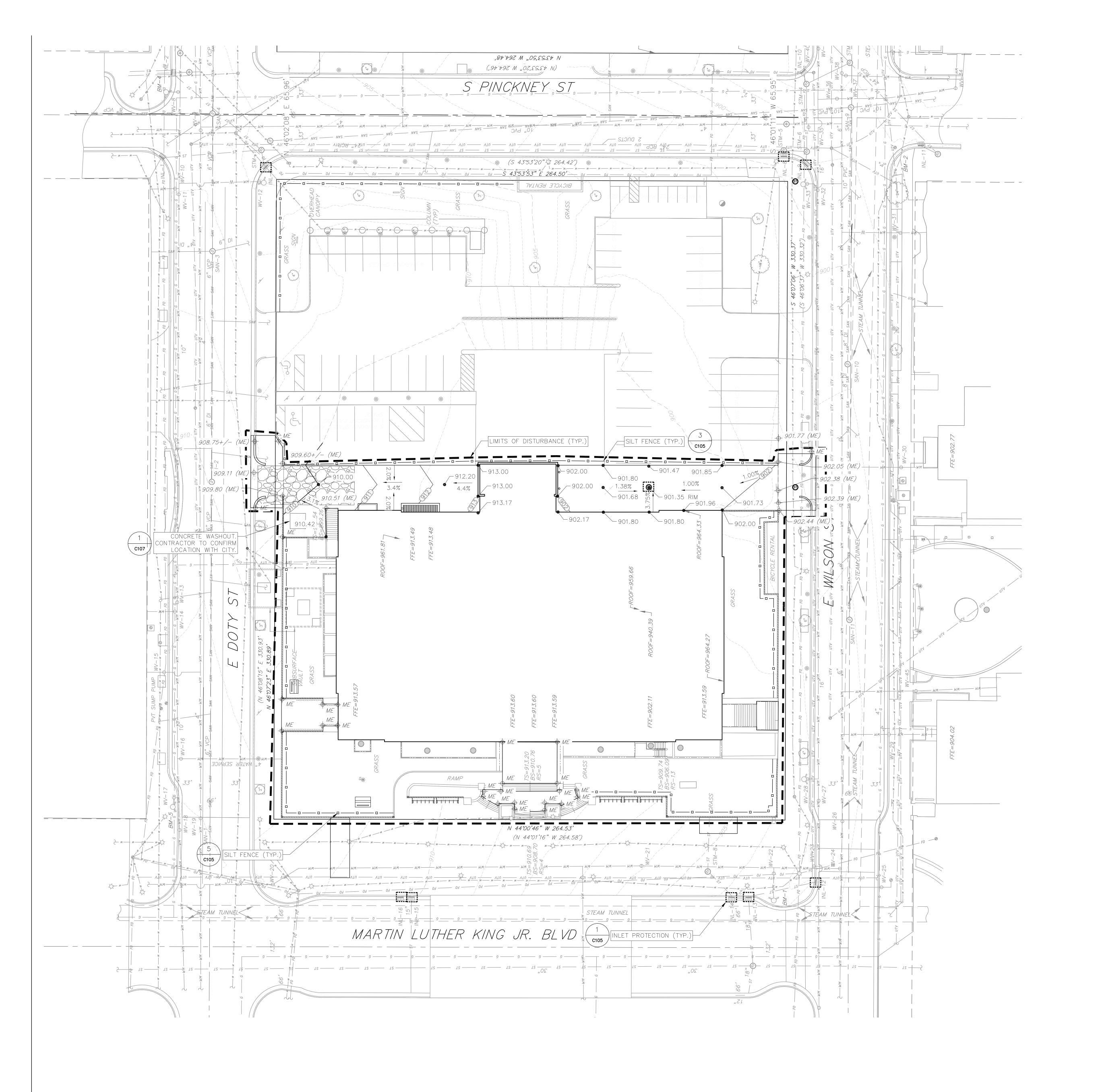
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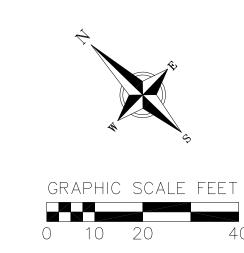
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EXHIBIT D

PLAN





### GRADING PLAN LEGEND

— -820 — EXISTING MAJOR CONTOURS --818-- Existing minor contours ------ PROPOSED MAJOR CONTOURS 

PROPOSED SLOPE ARROWS

EXISTING SPOT ELEVATIONS MATCH EXISTING ELEVATIONS PROPOSED SPOT ELEVATIONS

INLET PROTECTION

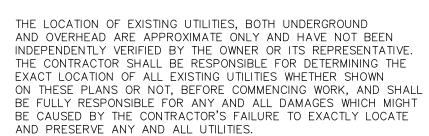
CONSTRUCTION ACCESS/TRACKING PAD

LIMITS OF DISTURBANCE

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#7939 King, Jr 53703 I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin. Print Names: PROJECT NO. 2014057 PROJECT PHASE BID SET

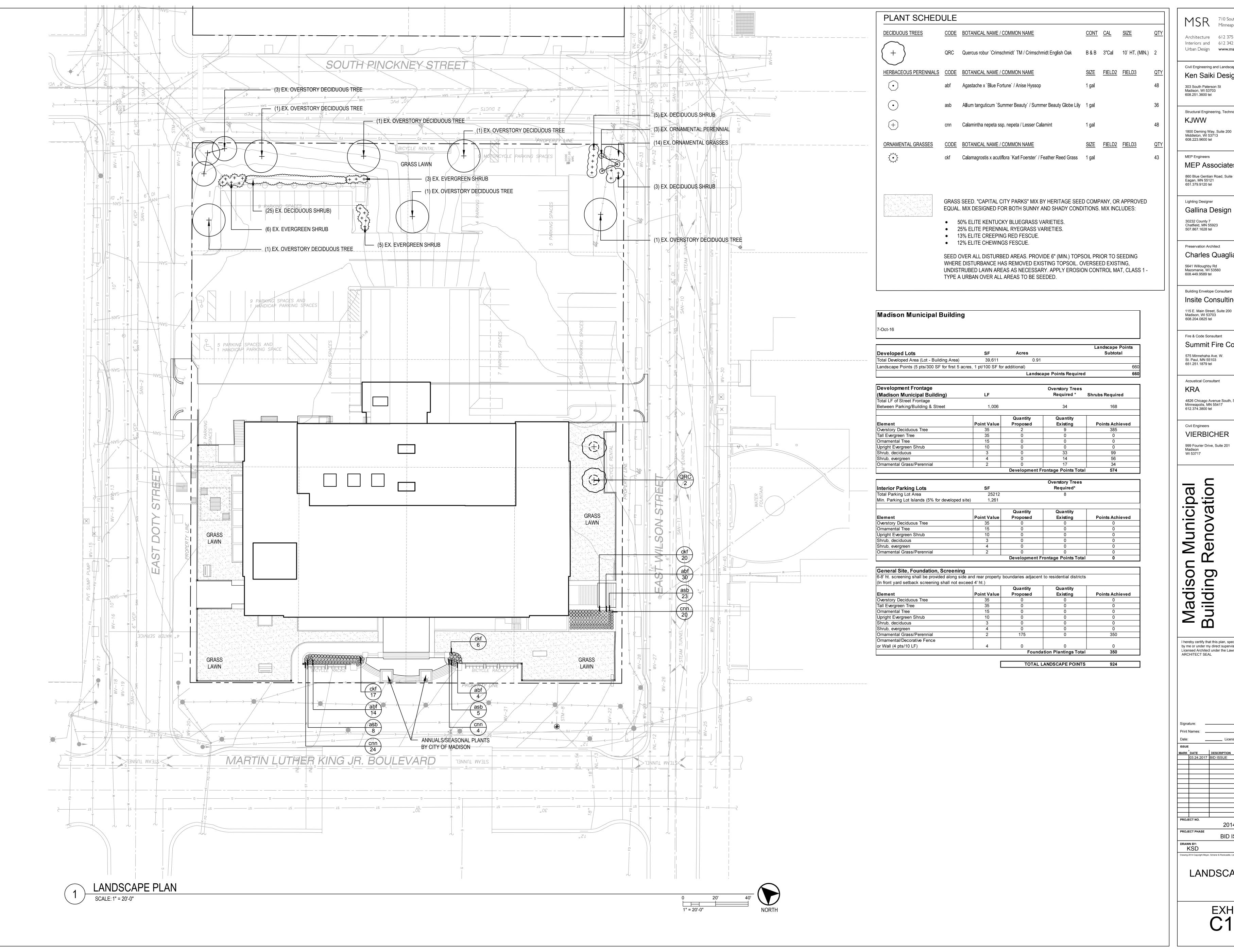
EXHIBIT D

**GRADING AND** 

**EROSION CONTROL** 

PLAN

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BPW Project #7939 5 Martin Luther King, Jr. Madison, WI 53703

2014057 **BID ISSUE** 

LANDSCAPE PLAN

## EROSION CONTROL MEASURES

- 1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
- 2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
- 3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
- 4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
- 5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- 6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WISDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
- 7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
- 8. <u>Stabilized disturbed ground:</u> any soil or dirt piles which will remain in existence for more than 7-consecutive days, whether to be WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25-FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
- 9. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
- 10. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. ALL PROJECT AREA STORM INLETS NEED WISCONSIN D.O.T. TYPE D INLET PROTECTION. THE FILTERS SHALL BE MAINTAINED UNTIL THE CITY HAS ACCEPTED THE BINDER COURSE OF ASPHALT.
- 11. USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION (DO NOT USE INFILTRATION AREAS). AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
- 12. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN OR THE DETENTION BASIN DETAIL SHEET.
- 13. DISTURBED AREAS SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH.
- 14. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
- 15. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
- 16. EROSION MAT (CLASS I, TYPE A URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1. EROSION MAT (CLASS I, TYPE B URBAN PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON THE BOTTOM (INVERT) OF ROADSIDE DITCHES/SWALES.
- 17. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY.

BAG TO BE CONSTRUCTED USING GEOTEXTILE FABRIC, WisDOT TYPE

DIMENSIONS OF TOP OPENING OF BAG TO MATCH INLET GRATE.

FRONT, BACK AND BOTTOM PANEL

FABRIC (NO SEAMS).

TO BE MADE FROM SINGLE PIECE OF

CURB BOX OPENING.

— FLAP POCKET TO BE FITTED WITH REBAR OR STEEL ROD FOR REMOVAL. IF USED WITH CURB BOX, FLAP POCKETS TO BE FITTED WITH WOOD 2" x 4", EXTENDED 10" BEYOND GRATE WIDTH AND SECURED TO GRATE WITH TIES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE

— TRIM EXCESS FABRIC IN THE FLOW LINE

- DOUBLE STITCHED SEAMS AROUND SIDE

- 4" imes 6" oval hole cut into all FOUR SIDE PANELS. HOLES TO BE POSITIONED MIN. 8" BELOW INLET GRATE AND MIN. 12" ABOVE BOTTOM

PANELS AND AT FLAP POCKETS.

INSTALLED BAD SHALL HAVE A MIN. SIDE

CLEARANCE OF 3" FROM THE INLET WALLS, MEASURED AT THE HOLES. IF NECESSARY,

CONTRACTOR SHALL CINCH THE BAG (MAX.

MAINTAINED OR REPLACED AT THE DIRECTION

4" FROM BAG BOTTOM) TO ACHIEVE

INLET PROTECTION DEVICES SHALL BE

WHEN REMOVING OR MAINTAINING INLET

FALLS INTO THE INLET SHALL BE

PROTECTION, ANY TRAPPED MATERIAL THAT

IMMEDIATELY REMOVED BY THE CONTRACTOR.

CLEARANCE.

OF THE ENGINEER.

- BOTTOM DIMENSION = 12"

to within 3" of the grate.

- 18. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
- 19. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
- 20. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT
- 21. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY DANE COUNTY LAND CONSERVATION OR PERMITTING MUNICIPALITY.
- 22. THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.

#### CONSTRUCTION SEQUENCE:

- 1. INSTALL SILT FENCE, TRACKING PAD, INLET PROTECTION ON EXISTING STRUCTURES, AND OTHER EROSION CONTROLS
- 2. DEMOLISH BUILDING AND ACCESSORY ITEMS
- 3. REMOVE EXISTING PAVEMENTS
- 4. ROUGH GRADE SITE
- 5. CONSTRUCT UNDERGROUND UTILITIES AND INSTALL INLET PROTECTION
- 6. PROOF ROLL SUBGRADE AND SUBBASE
- 7. CONSTRUCT ROADS AND SIDEWALK
- 8. PLACE TOPSOIL AND RESTORE SITE
- 9. INSTALL LANDSCAPING
- 10. REMOVE TRACKING PAD, SILT FENCE AND OTHER EROSION CONTROLS AFTER DISTURBED AREAS ARE RESTORED

#### SEEDING RATES:

1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS. 2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 15.

1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

#### FERTILIZING RATES:

TEMPORARY AND PERMANENT: USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

#### MULCHING RATES:

# TEMPORARY AND PERMANENT:

#### USE $rac{1}{2}$ " to 1 $-rac{1}{2}$ " straw or hay mulch, crimped per SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

## -STEEL OR WOOD POST --FENCE SUPPORT MESH (OPTIONAL) SEE NOTE 4 30" (MIN.) -BACKFILLED AND COMPACTED SOIL 6" (MIN.) TRENCH 18" (MIN.)

### <u>NOTES:</u>

- 1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
- 2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.

710 South 2nd Street, 8th Floor Minneapolis, Minnesota 55401–2282

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St. Paul, MN 55103 651.251.1879 tel

Acoustical Consultant

Minneapolis, MN 55417

**VIERBICHER** 

999 Fourier Drive, Suite 201

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CONSTRUCTION

**DETAILS** 

C105

by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin.

612.374.3800 tel

Civil Engineers

unici

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PROJECT NO.

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Charles Quagliana, AIA

Insite Consulting Architects

Summit Fire Consulting

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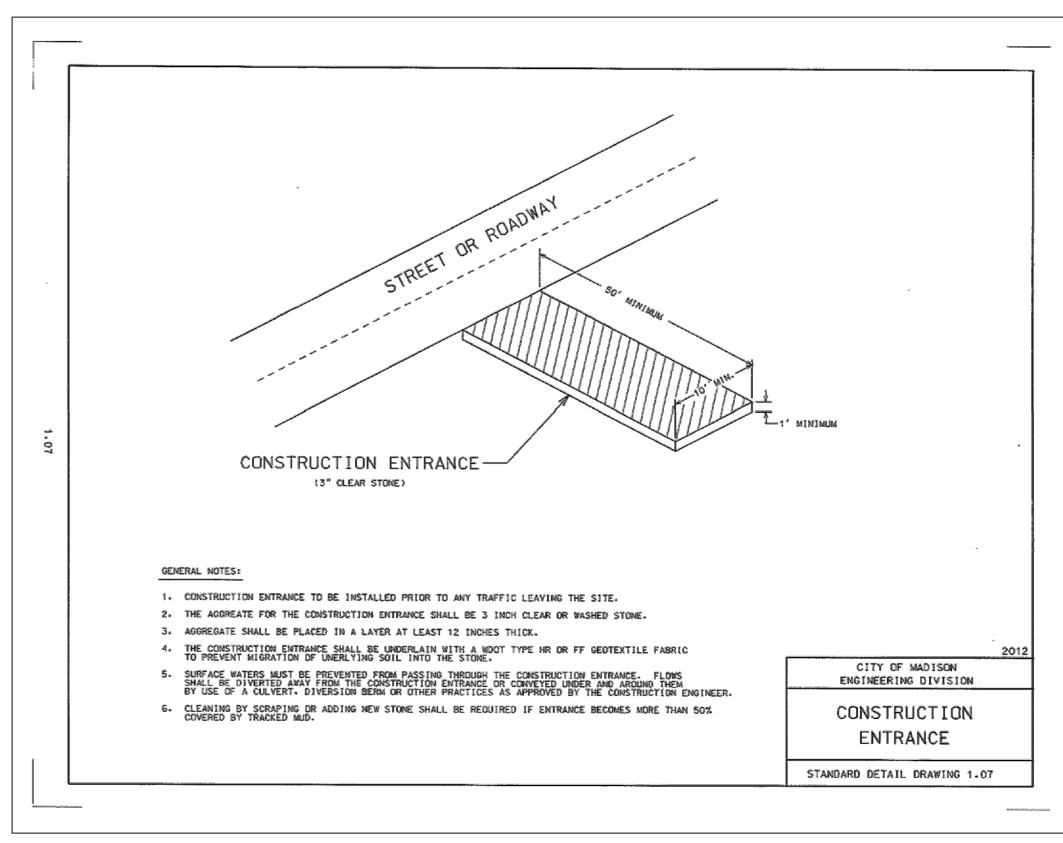
303 South Paterson St Madison, WI 53703

608.251.3600 tel

KJWW

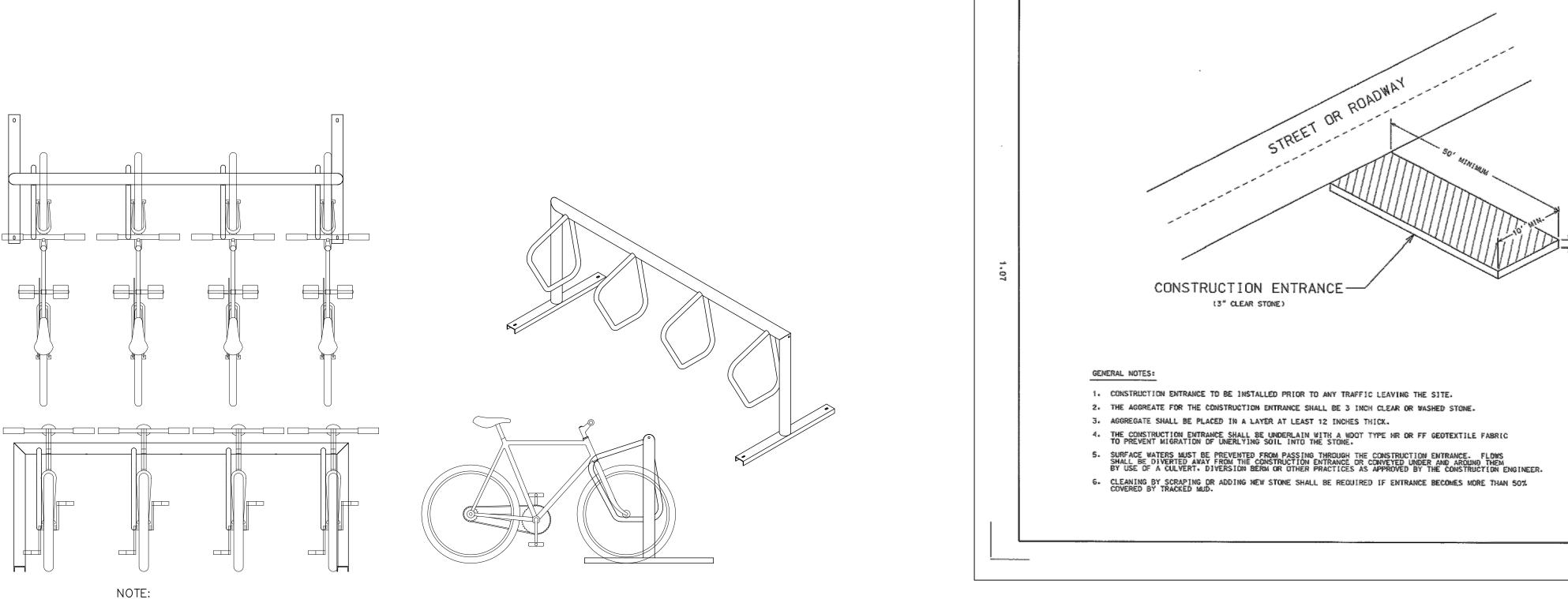
- 3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.) POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
- 4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH







NOTE: CONSTRUCTION SHALL CONFORM TO CITY OF MADISON STANDARD DETAIL DRAWINGS THAT ARE CURRENT AT THE TIME OF CONSTRUCTION.





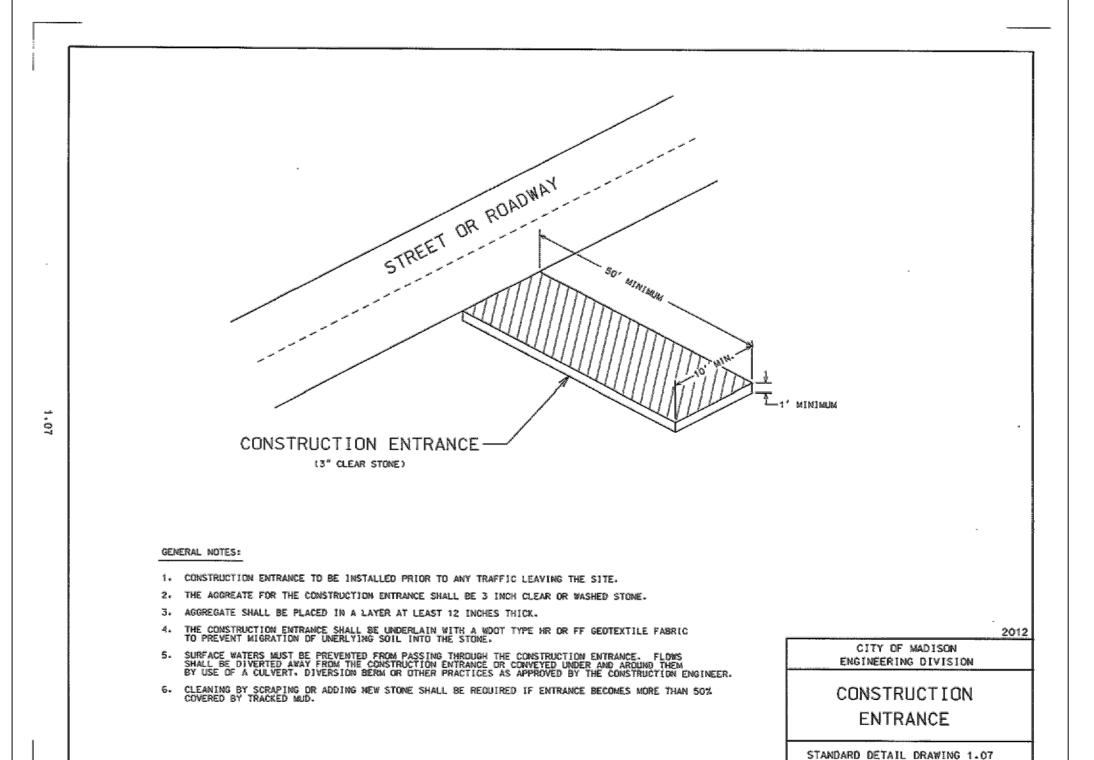
C105

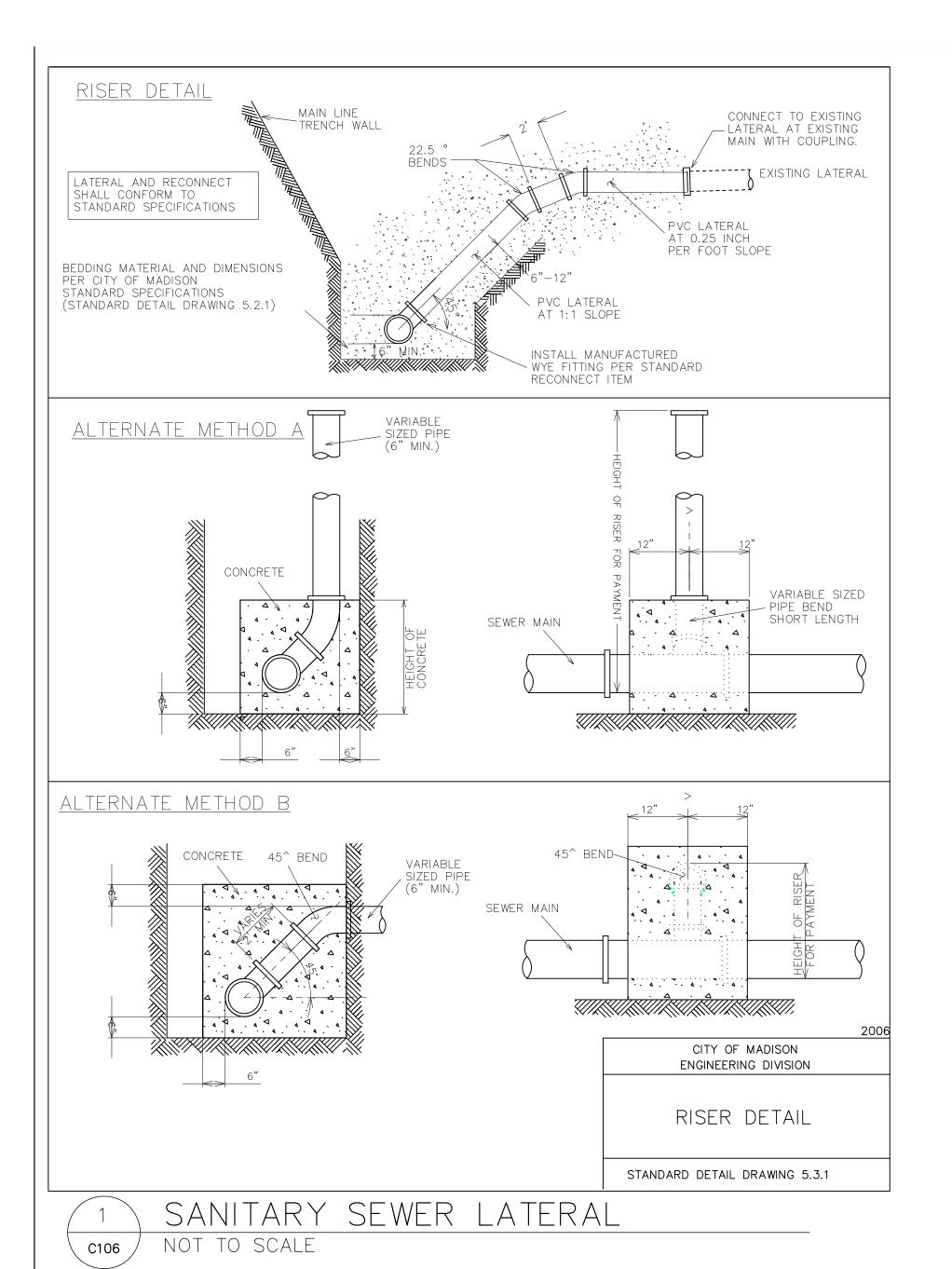


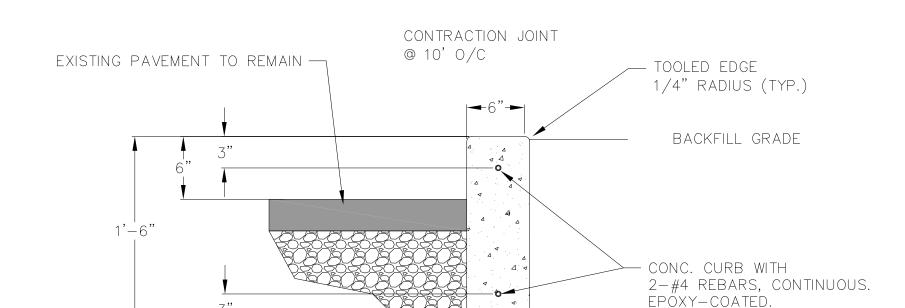
INLET PROTECTION.

IF INLET DEPTH FROM TOP OF GRATE TO BOTTOM OF INLET IS

LESS THAN 30", CONTRACTOR SHALL SUBSTITUTE WisDOT TYPE C



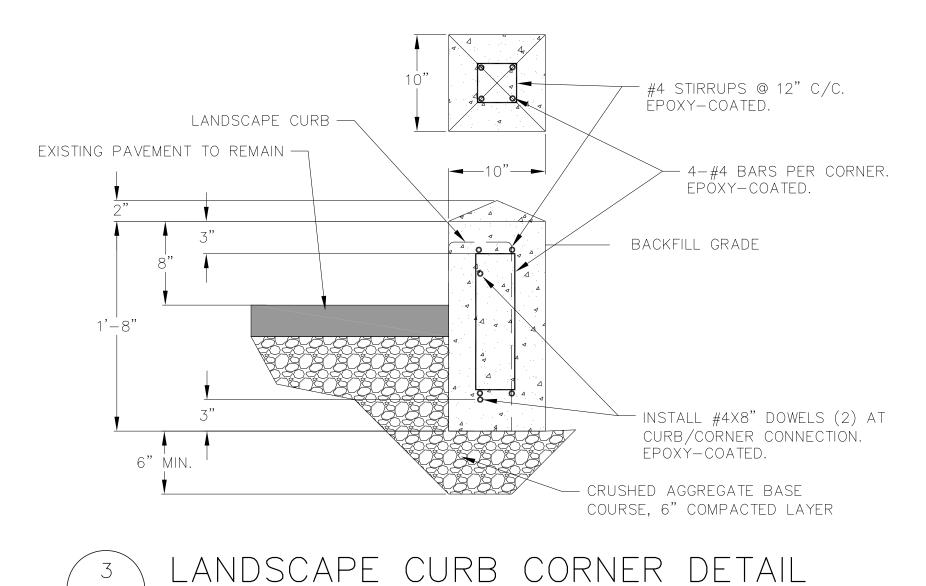




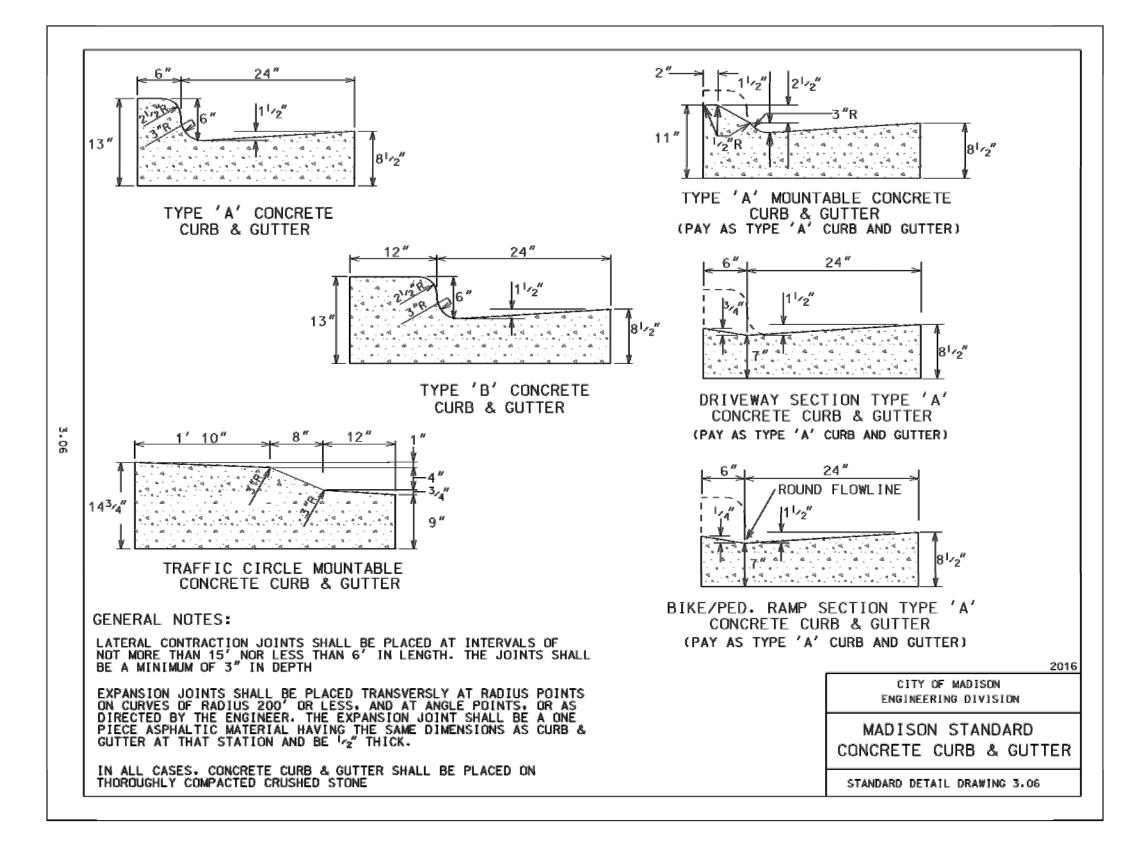


6" MIN.

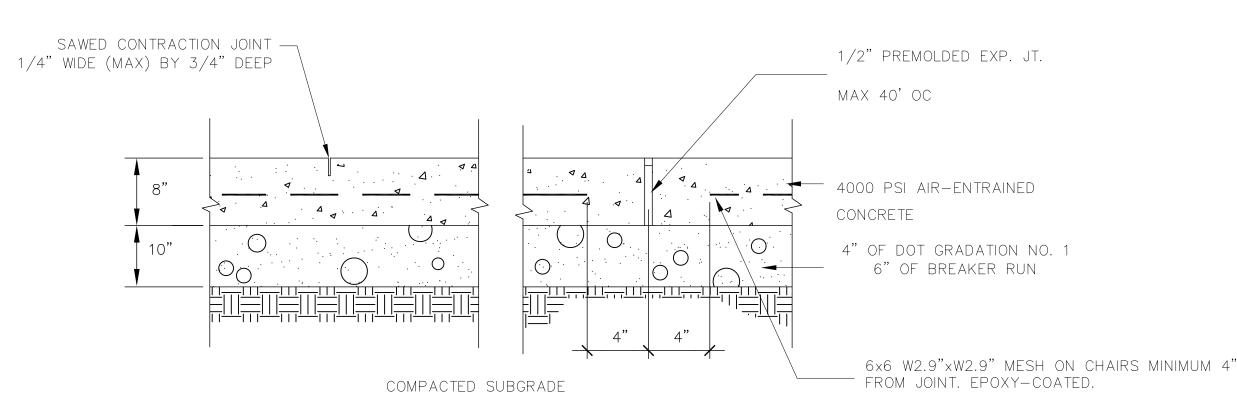
C106 NOT TO SCALE



- CRUSHED AGGREGATE BASE COURSE, 6" COMPACTED LAYER

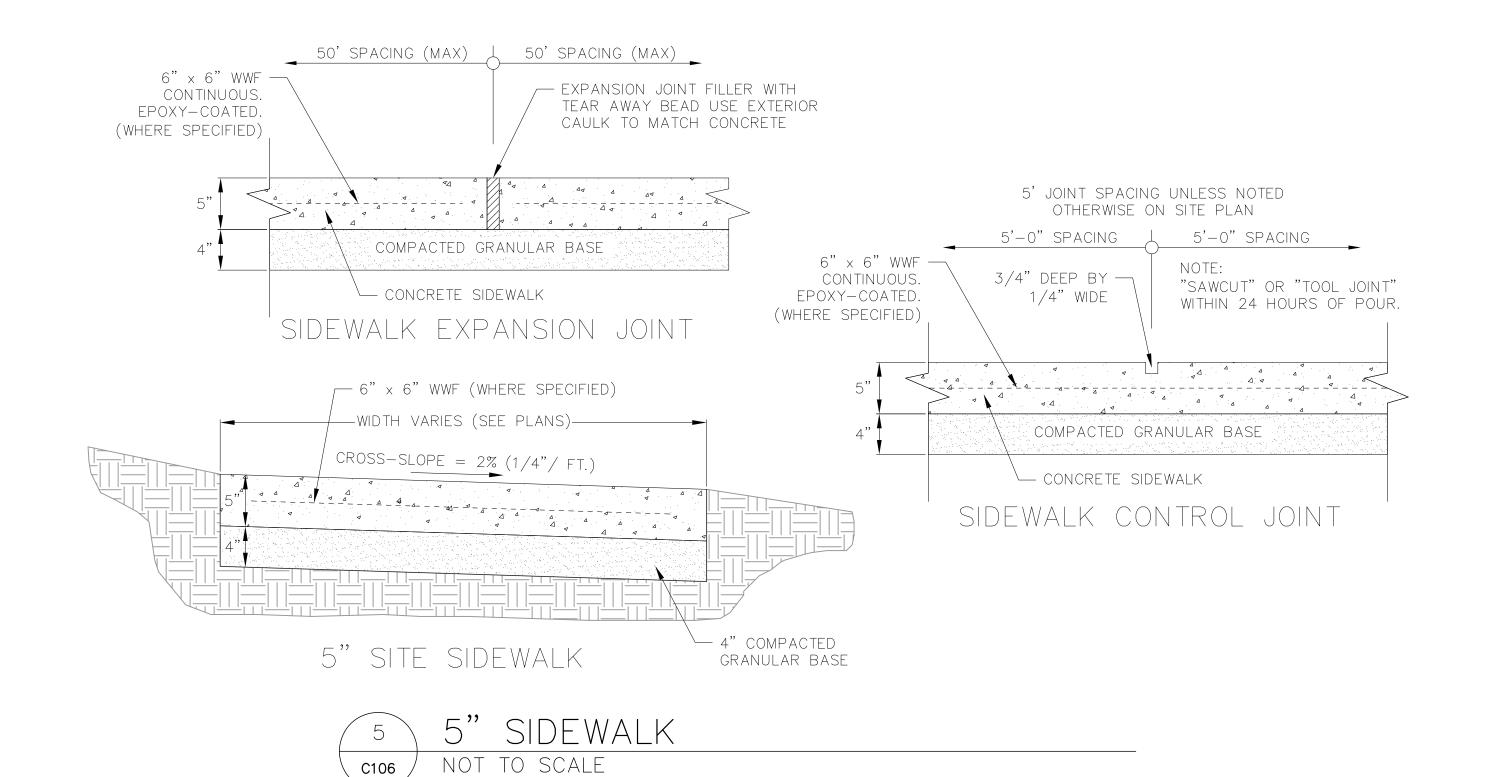


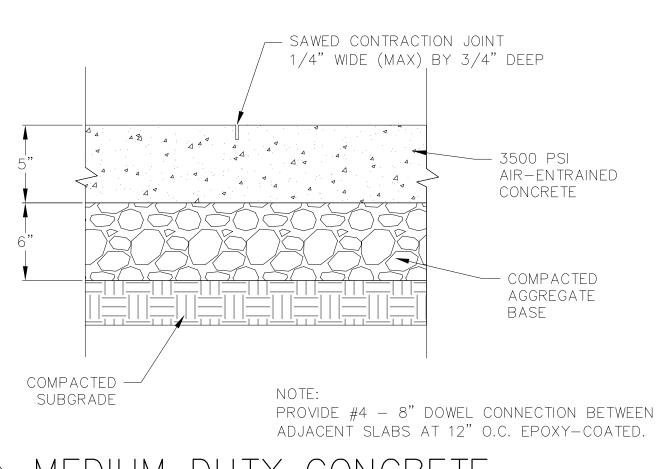
CONCRETE CURB AND GUTTER



PROVIDE #4 - 8" DOWEL CONNECTION BETWEEN ADJACENT SLABS AT 12" O.C. EPOXY-COATED.







MEDIUM DUTY CONCRETE NOT TO SCALE C106

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SAWED CONTRACTION JOINT — WIDE (MAX) BY 3/4" DEEP		1/2" PREMOLDED EXP. JT.
		MAX 40' OC
		4000 PSI AIR-ENTRAINED  CONCRETE  4" OF DOT GRADATION NO. 1  6" OF BREAKER RUN
COMPACTED SU	BGRADE	6x6 W2.9"xW2.9" MESH ON CHAIRS MINIMUM 4" FROM JOINT. EPOXY—COATED.

n Municipal Renovation

BPW Project #7939 Martin Luther King, Jr. Madison, WI 53703 Madison Building F 5

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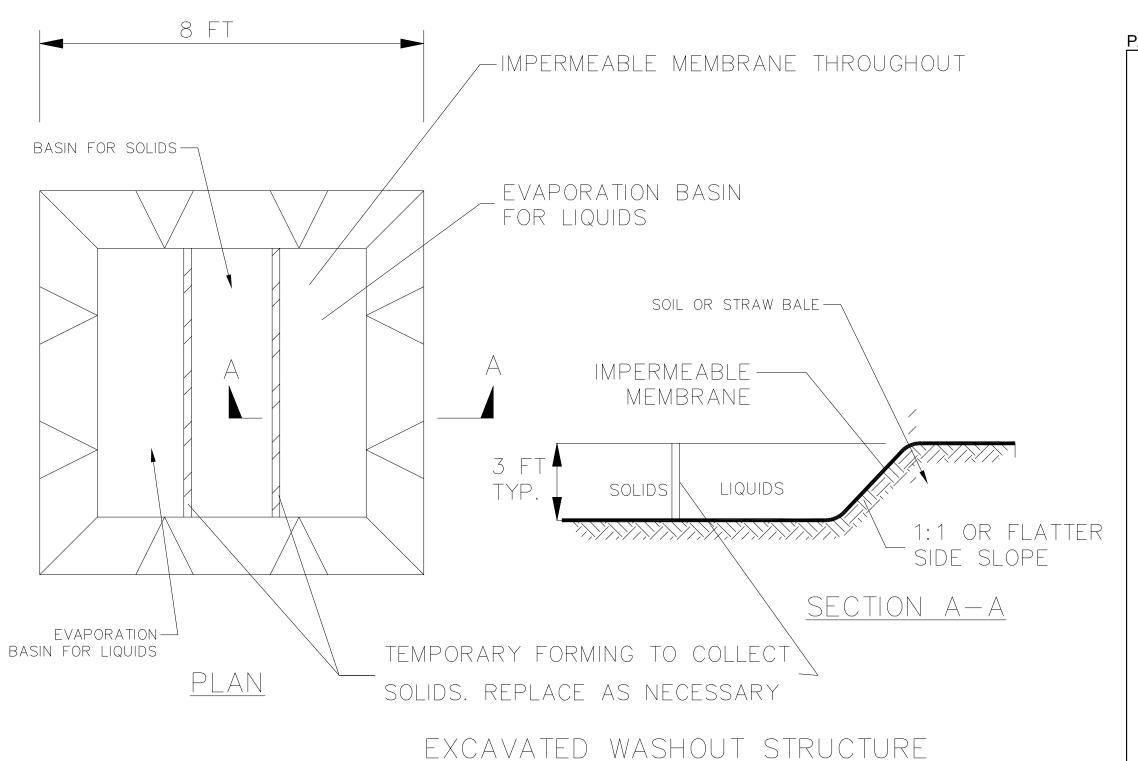
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> CONSTRUCTION **DETAILS**

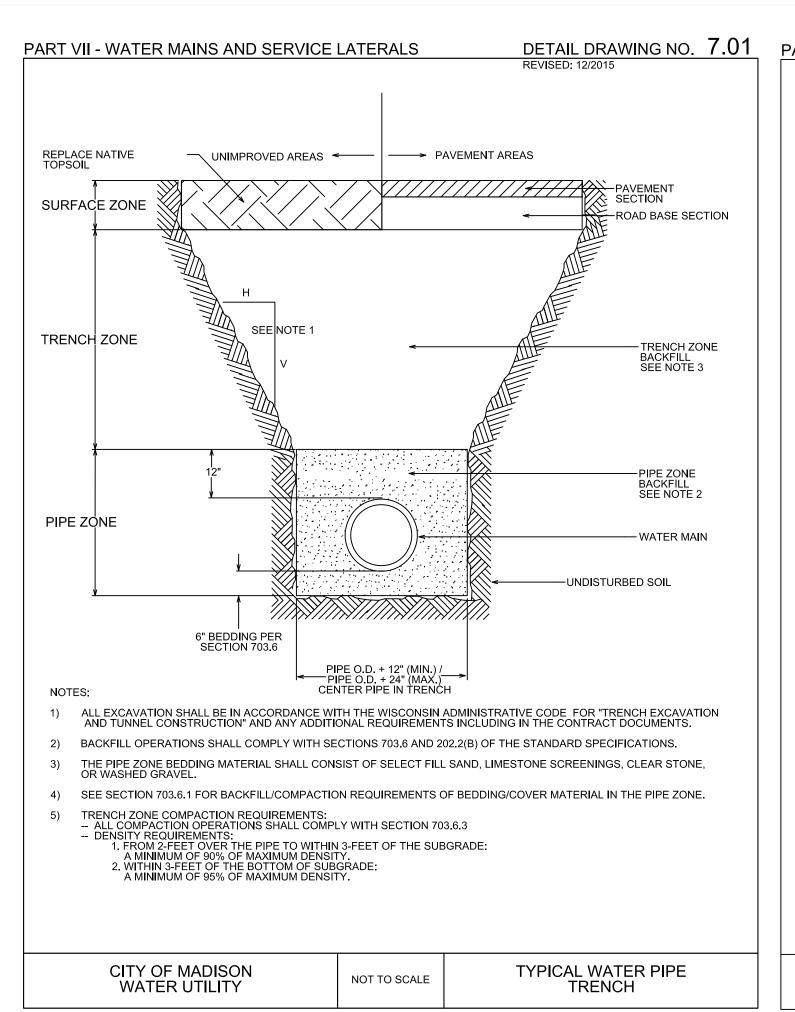


# CONSTRUCTION SPECIFICATIONS

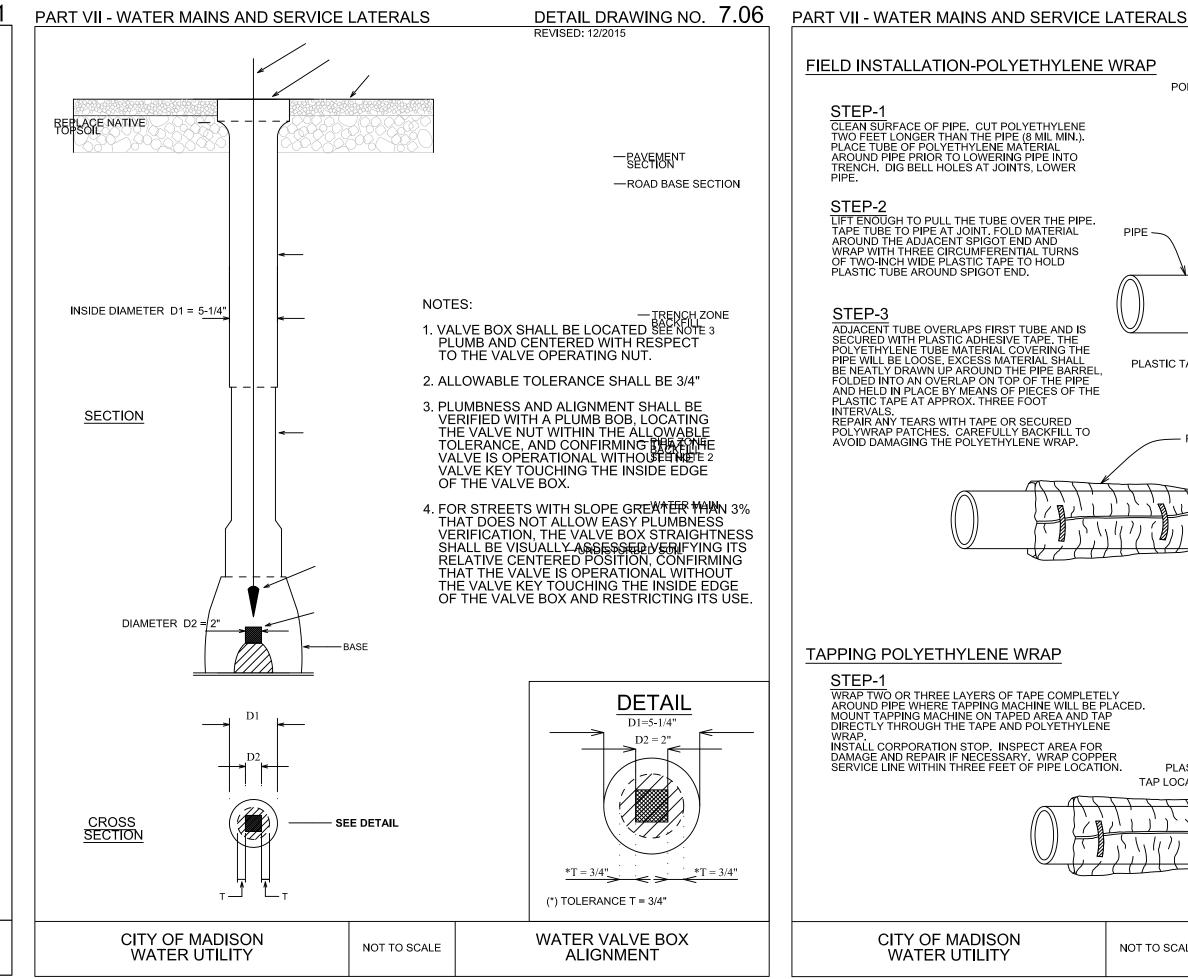
C107 /

- 1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
- 2. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL
- 3.KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED) EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

TEMPORARY EXCAVATED WASHOUT STRUCTURE NOT TO SCALE



City of Madison Standard Specifications for Public Works Construction



City of Madison Standard Specifications for Public Works Construction

NOT TO SCALE

C107

- RAILING, BY ARCHITECT

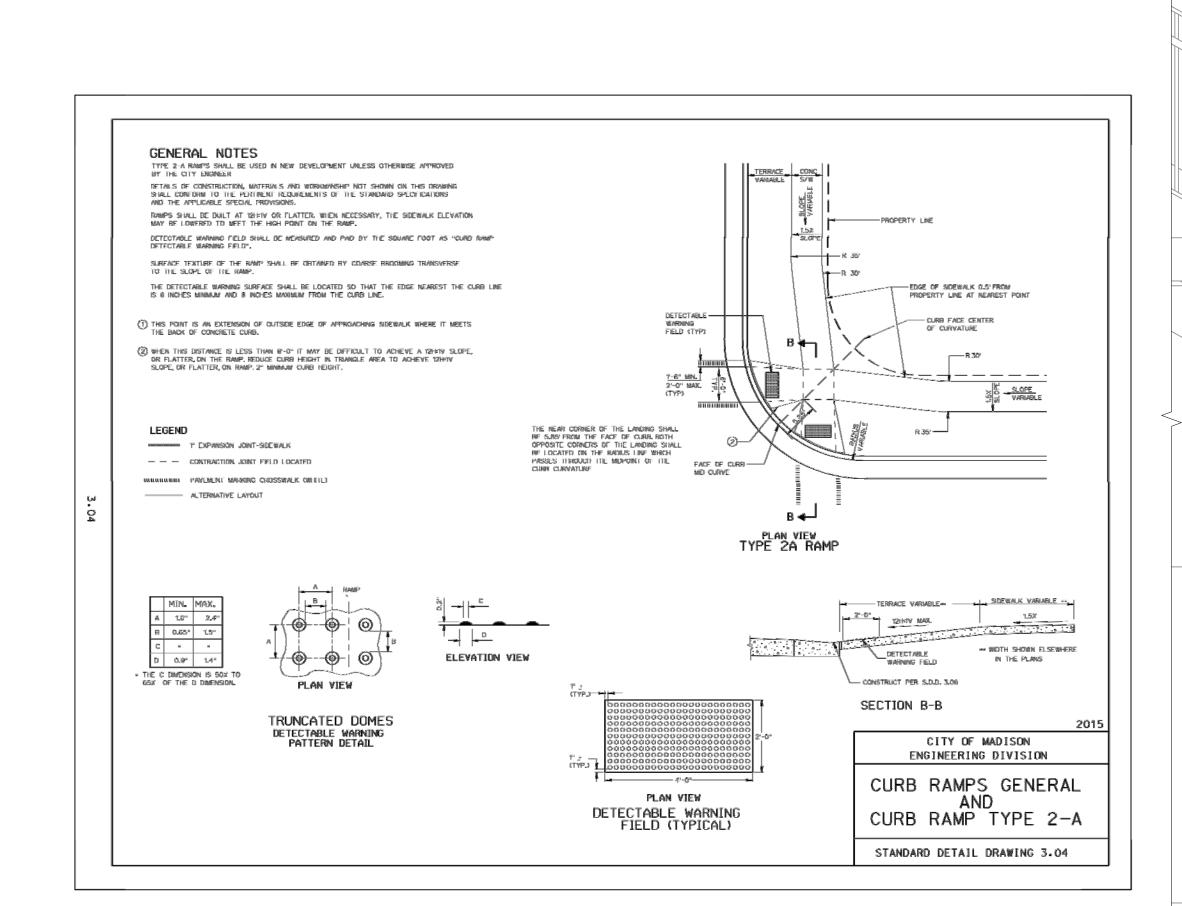
FIELD INSTALLATION-POLYETHYLENE WRAP POLYETHYLENE TUBE-CLEAN SURFACE OF PIPE. CUT POLYETHYLENE TWO FEET LONGER THAN THE PIPE (8 MIL MIN.). PLACE TUBE OF POLYETHYLENE MATERIAL AROUND PIPE PRIOR TO LOWERING PIPE INTO RENCH. DIG BELL HOLES AT JOINTS, LOWER LIFT ENOUGH TO PULL THE TUBE OVER THE PIPE.
TAPE TUBE TO PIPE AT JOINT. FOLD MATERIAL
AROUND THE ADJACENT SPIGOT END AND
WRAP WITH THREE CIRCUMFERENTIAL TURNS
OF TWO-INCH WIDE PLASTIC TAPE TO HOLD
PLASTIC TUBE AROUND SPIGOT END. POLYETHYLENE TUBE ADJACENT TUBE OVERLAPS FIRST TUBE AND IS ADJACENT TUBE OVERLAPS FIRST TUBE AND IS SECURED WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE WILL BE LOOSE. EXCESS MATERIAL SHALL BE NEATLY DRAWN UP AROUND THE PIPE BARREL, FOLDED INTO AN OVERLAP ON TOP OF THE PIPE AND HELD IN PLACE BY MEANS OF PIECES OF THE PLASTIC TAPE AT APPROX. THREE FOOT INTERVALS. INTERVALS.
REPAIR ANY TEARS WITH TAPE OR SECURED POLYWRAP PATCHES. CAREFULLY BACKFILL TO AVOID DAMAGING THE POLYETHYLENE WRAP. — POLYETHYLENE TUBE— TAPPING POLYETHYLENE WRAP WRAP TWO OR THREE LAYERS OF TAPE COMPLETELY AROUND PIPE WHERE TAPPING MACHINE WILL BE PLACED. MOUNT TAPPING MACHINE ON TAPED AREA AND TAP DIRECTLY THROUGH THE TAPE AND POLYETHYLENE INSTALL CORPORATION STOP. INSPECT AREA FOR DAMAGE AND REPAIR IF NECESSARY. WRAP COPPER SERVICE LINE WITHIN THREE FEET OF PIPE LOCATION. POLYETHYLENE TUBE PLASTIC TAPE (TYP.) TAP LOCATION FIELD INSTALLATION CITY OF MADISON POLYETHYLENE WRAP / NOT TO SCALE WATER UTILITY TAPPING POLYETHYLENE WRAP

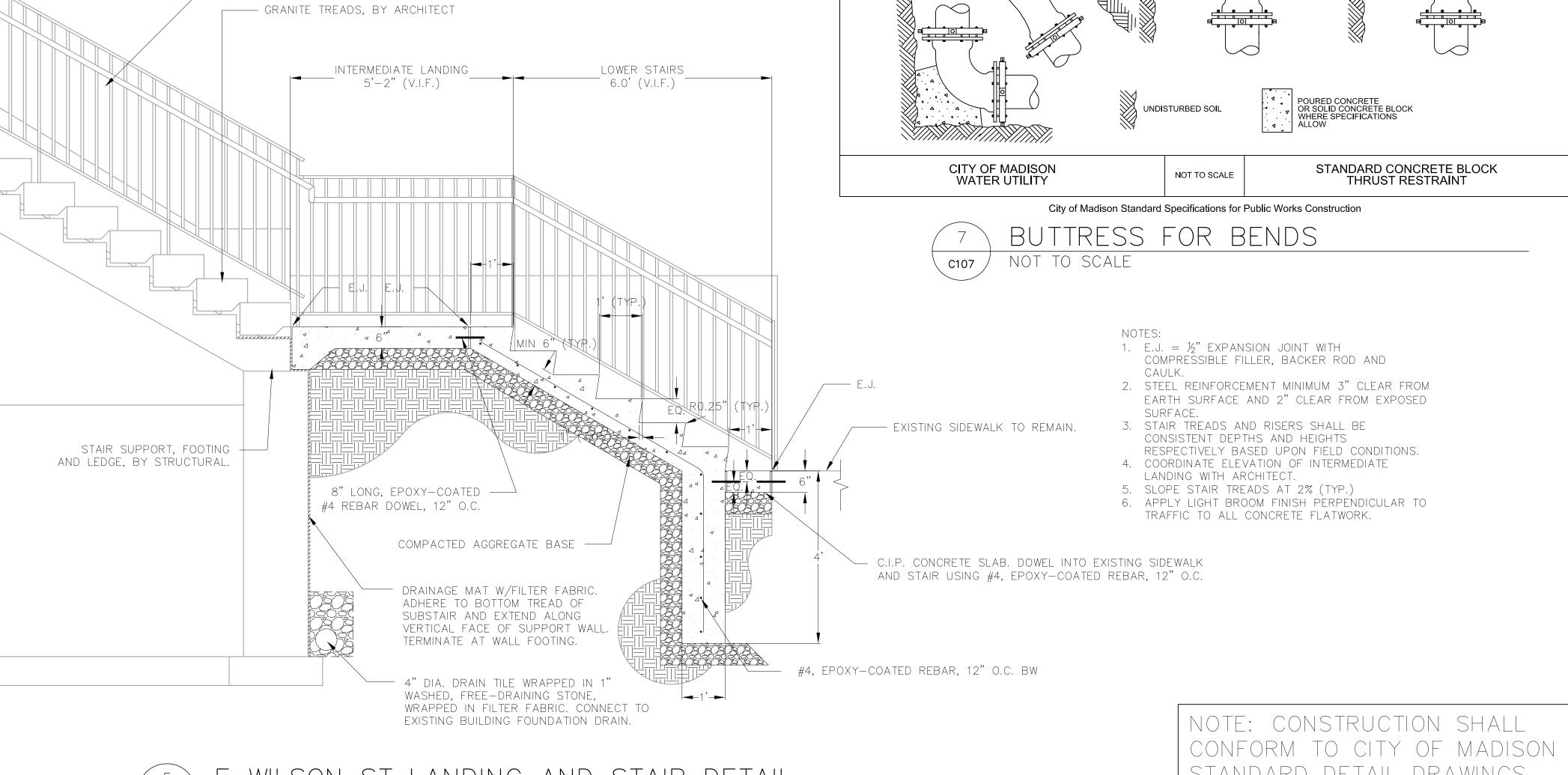
DETAIL DRAWING NO. 7.02

City of Madison Standard Specifications for Public Works Construction NOT TO SCALE C107

DETAIL DRAWING NO. 7.13 PART VII - WATER MAINS AND SERVICE LATERALS REQUIRED BEARING AREA PER STANDARD SPECIFICATION SECTION 703.10 PLUGGED CROSS PLUGGED TEE UNDISTURBED SOIL CITY OF MADISON STANDARD CONCRETE BLOCK NOT TO SCALE

> STANDARD DETAIL DRAWINGS THAT ARE CURRENT AT THE TIME OF CONSTRUCTION.





CURB RAMP DETAIL C107 / NOT TO SCALE

E WILSON ST LANDING AND STAIR DETAIL C107 NOT TO SCALE

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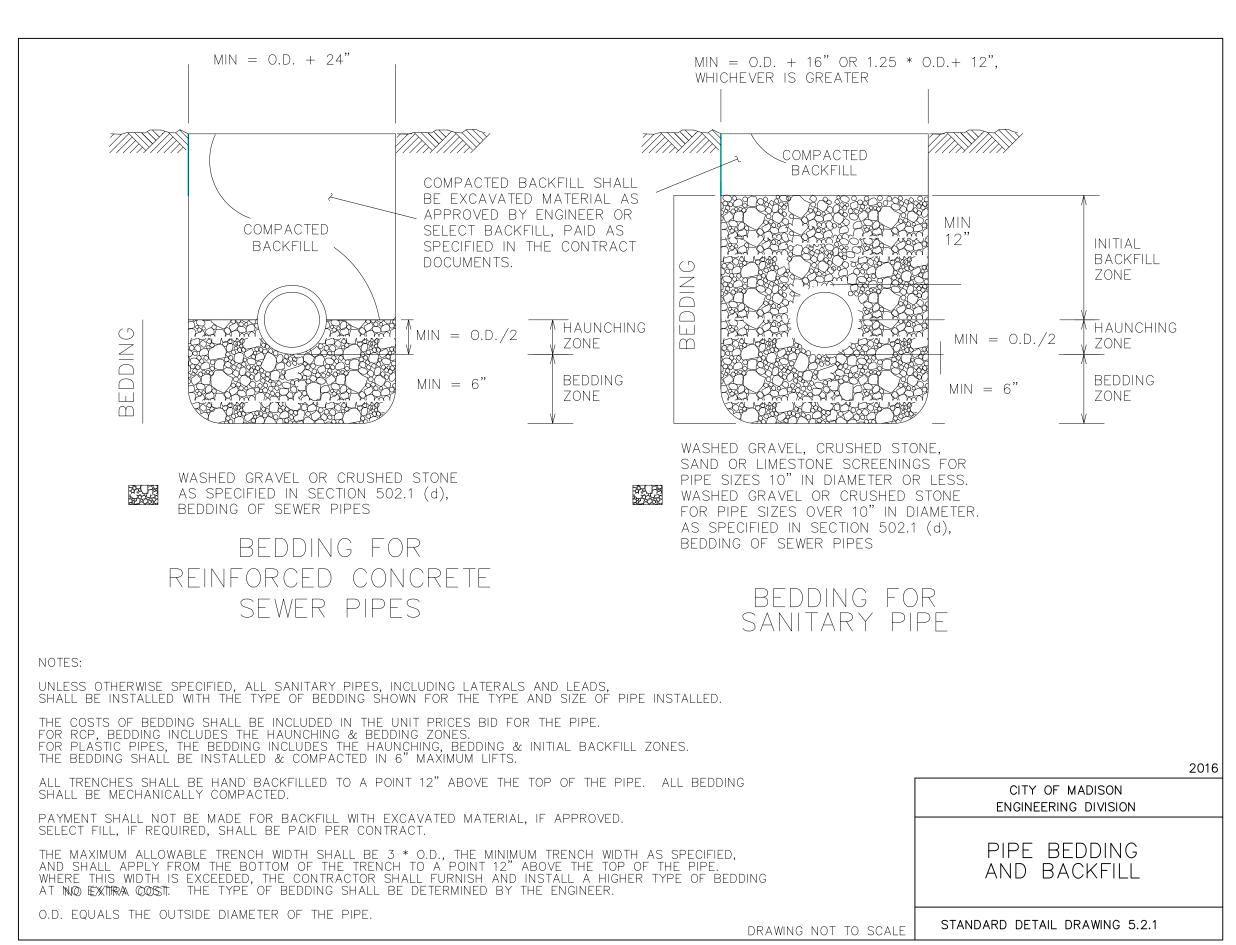
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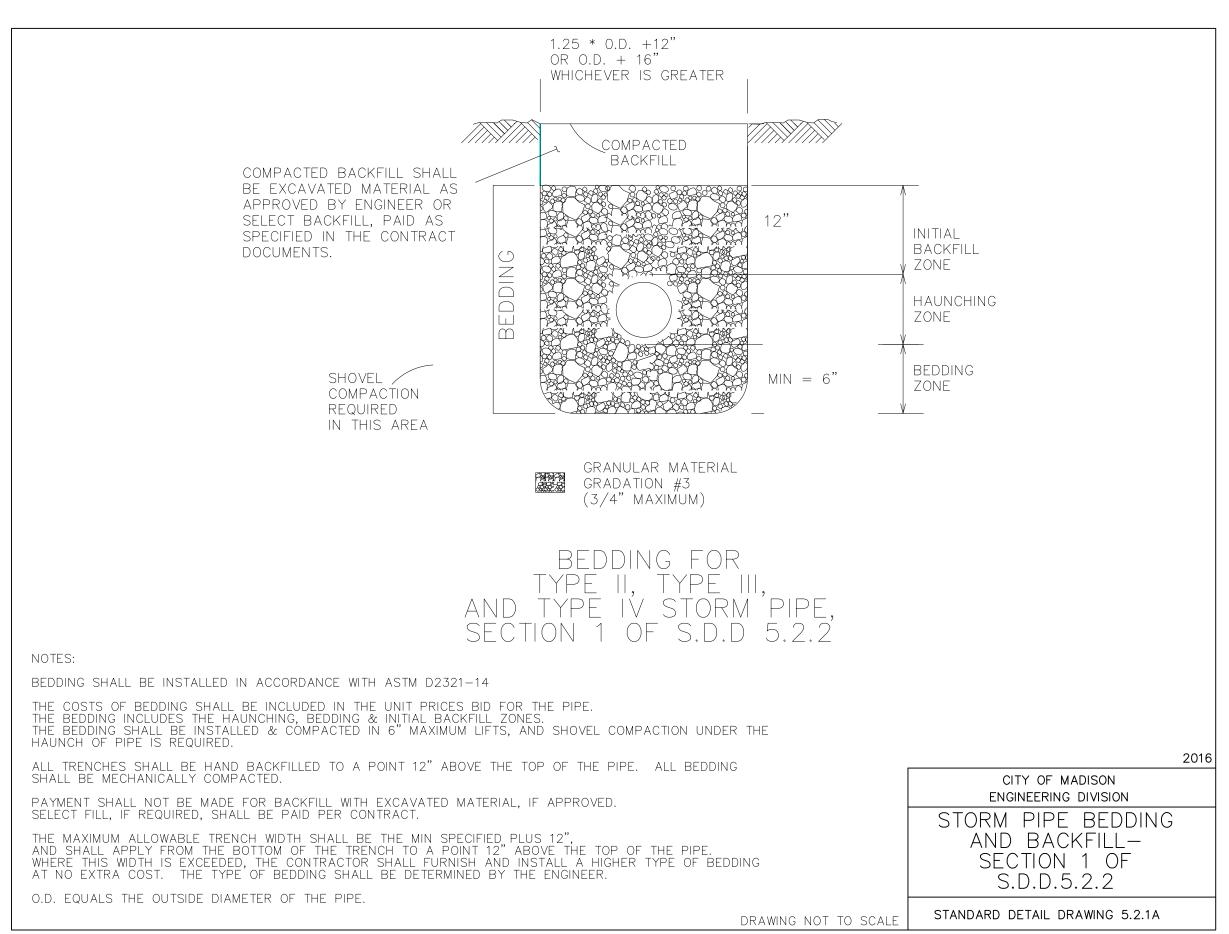
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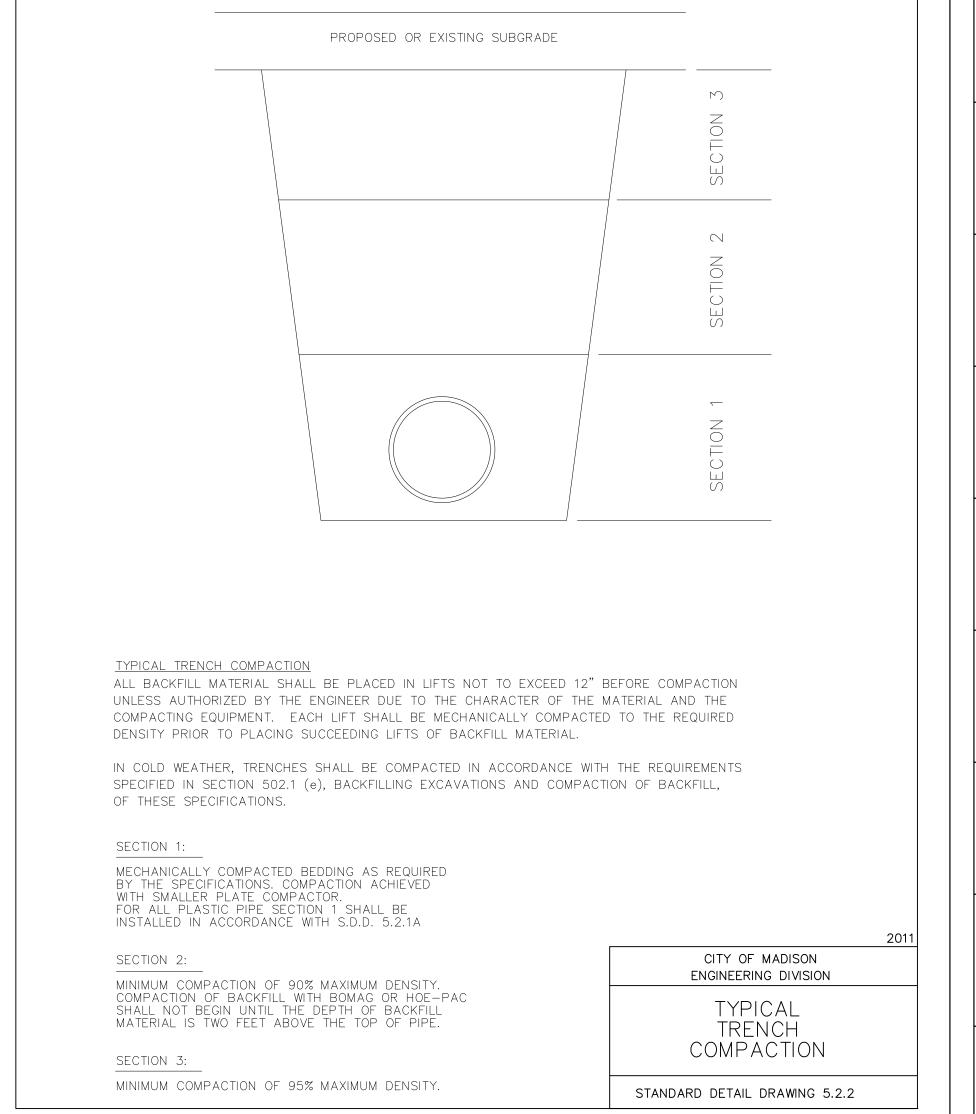


PIPE BEDDING AND BACKFILL

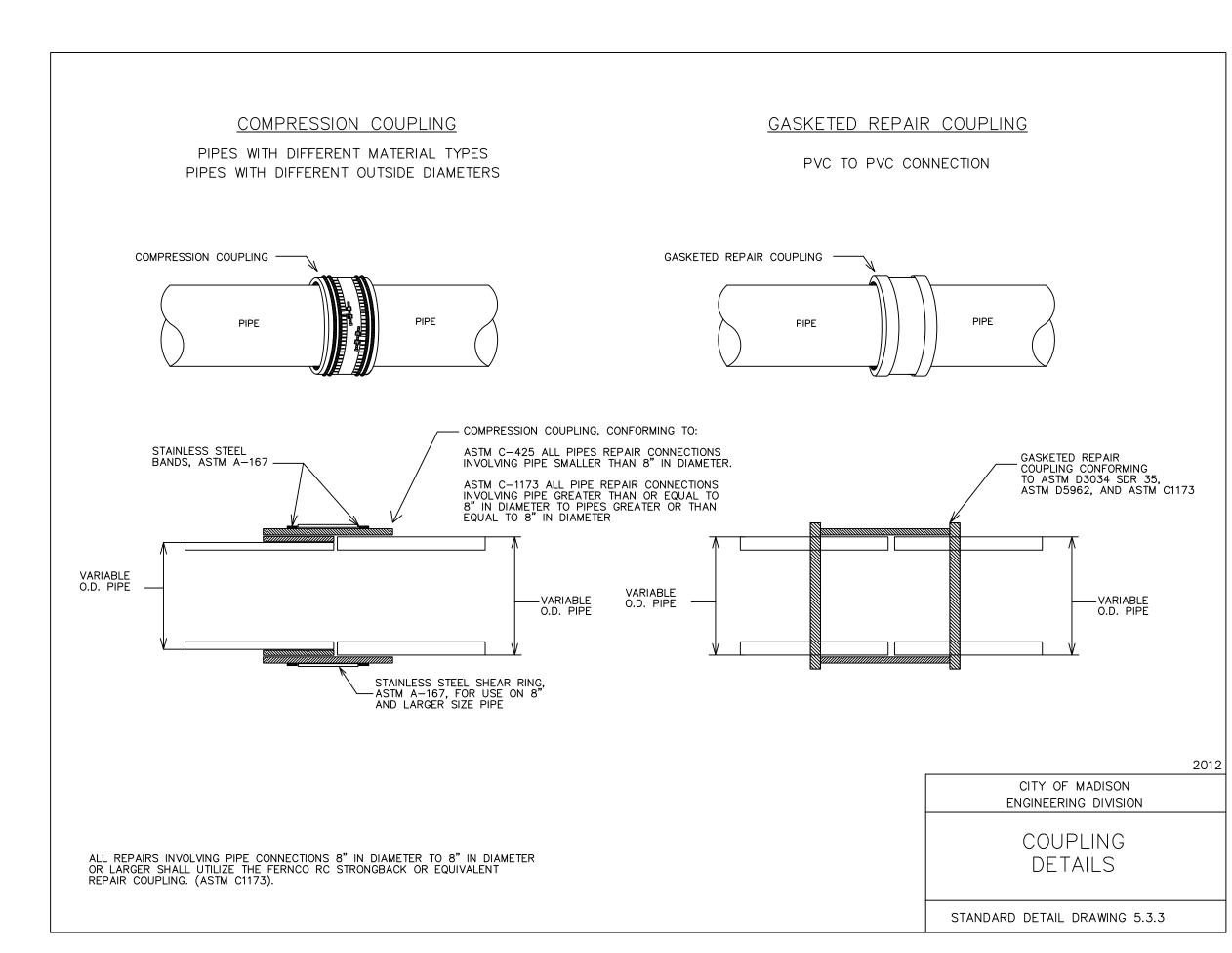
C108 / NOT TO SCALE



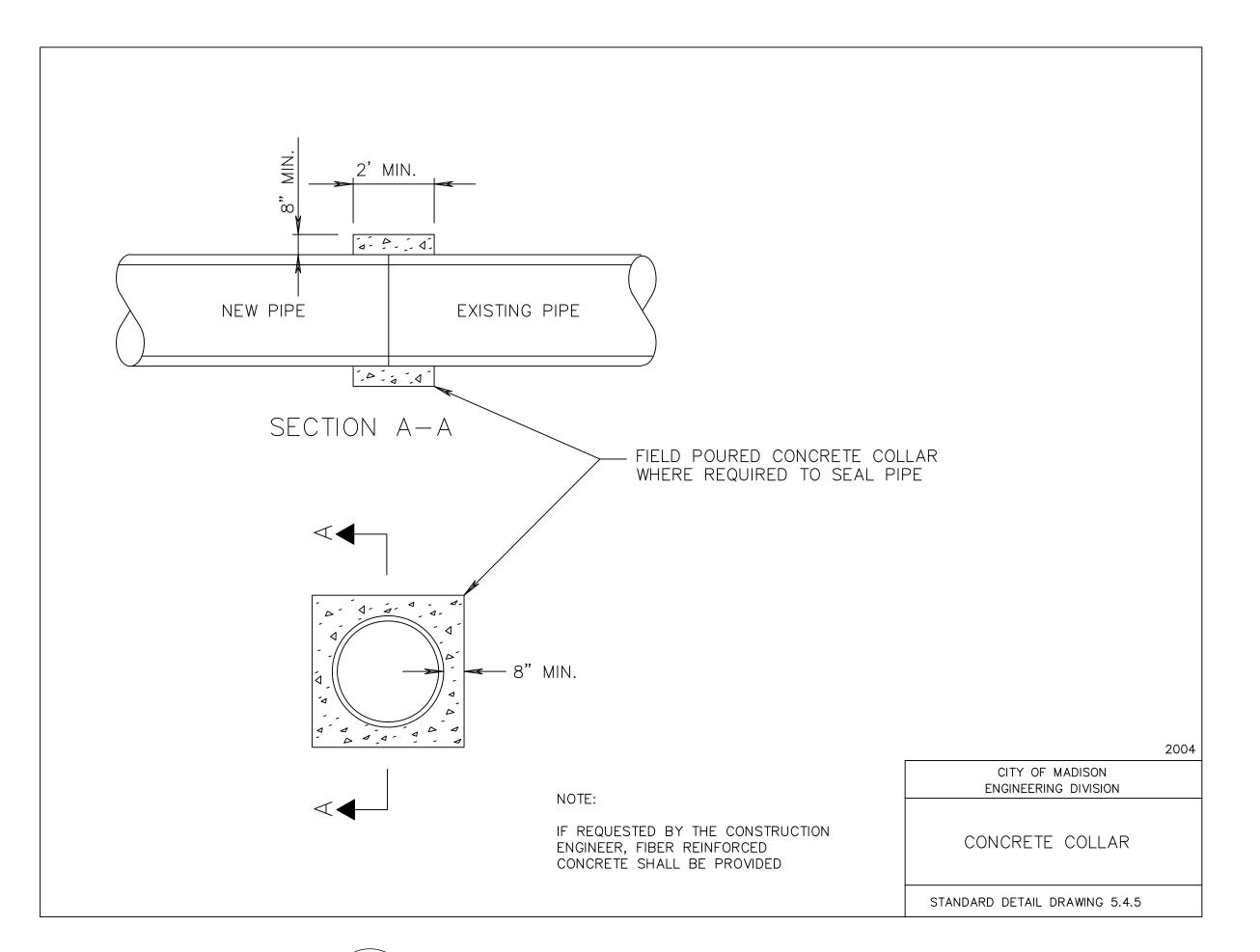




TYPICAL TRENCH COMPACTION NOT TO SCALE C108









NOTE: CONSTRUCTION SHALL CONFORM TO CITY OF MADISON STANDARD DETAIL DRAWINGS THAT ARE CURRENT AT THE TIME OF CONSTRUCTION.

WI 53717 Municipal ation Reno Madison Building F 0 ildin

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7939 g, Jr 3703

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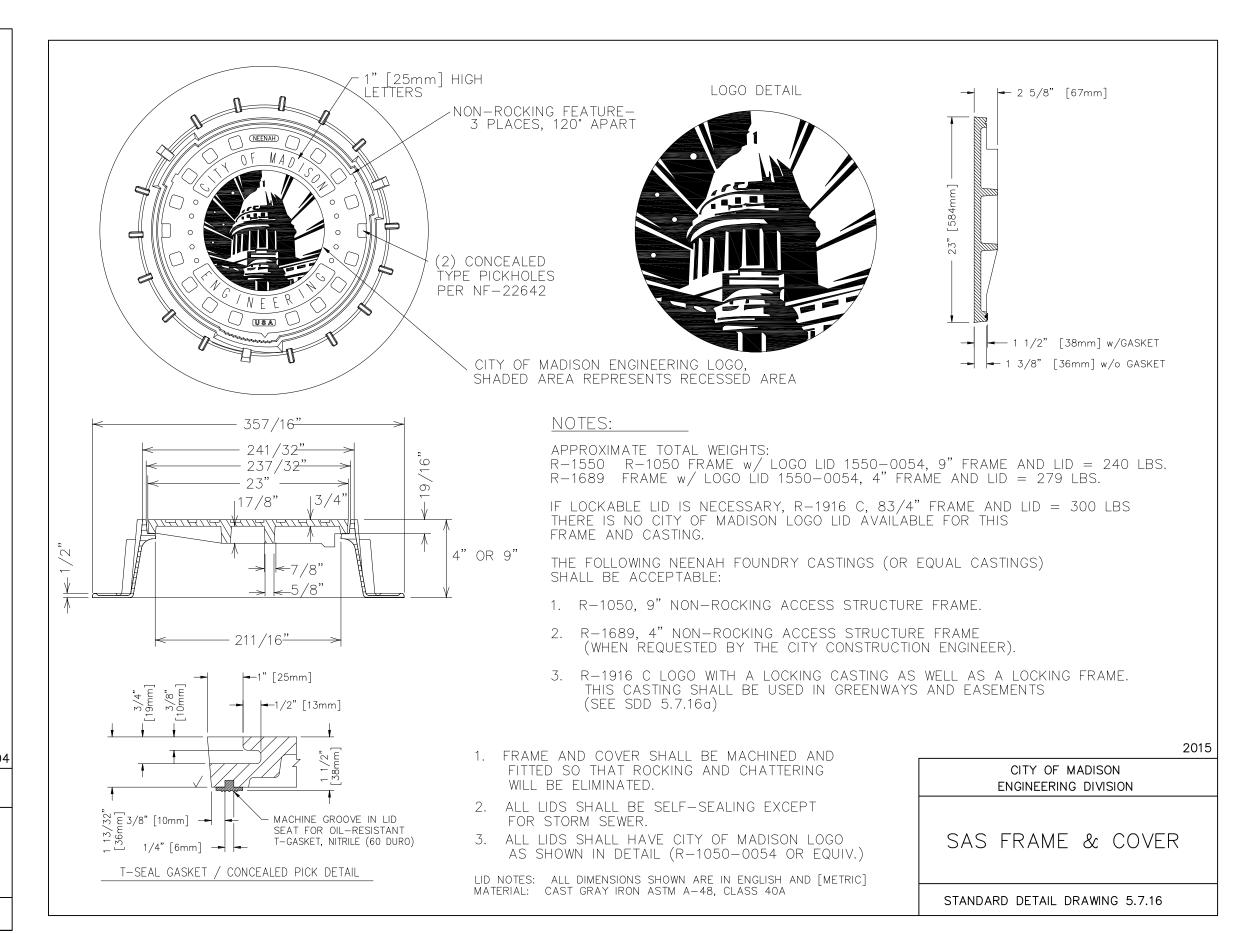
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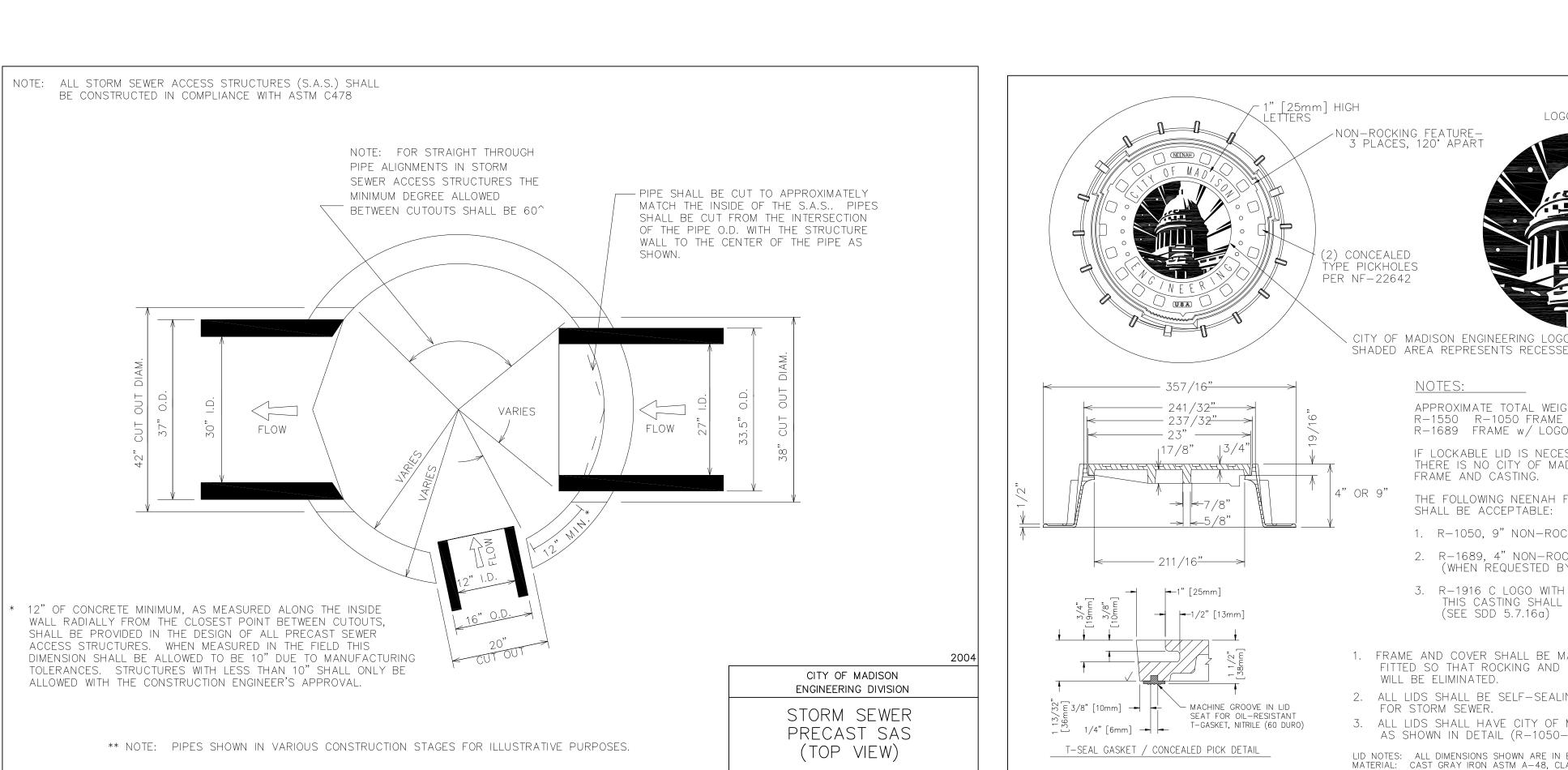
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CONSTRUCTION **DETAILS** 









STANDARD DETAIL DRAWING 5.7.6

CONSTRUCTION JOINT WITH 1" FELT

NOTE: / TYPE "A" CURB AND GUTTER SHOWN

ENTRAINED MORTAR TYPE M OR S

INLET DEPTH AS PER PLANS

f" TILT CREATES

SPECIFIED FLOW

LINE DEPRESSION

INSET

ORIENTATIONS OF LEG INTO BASE SHOWN. CENTER REBAR AT THE CORNER OF

TOP VIEW OF FLOOR WITH INSIDE WALL FOOTPRINTS

FIELD POURED FLOOR REINFORCEMEN

STANDARD SPECIFICATIONS.

BE ALTERED TO  $2'-4" \times 1'-6"$ .

1. PRECAST REINFORCED CONCRETE STRUCTURES

MAY BE USED IF APPROVED ACCORDING TO SECTION 106.3, 507.3 (b) OF THE

INSTALLATION COST OF INLETS SHALL INCLUDE

THE COST OF REINFORCING BARS AS FOLLOWS:

- (1)-#4 BARS 7"-0" LONG IN CONCRETE
GUTTER ALONG THE FRONT OF INLET.

. WHEN AN "S" INLET IS SPECIFIED, THE INSIDE DIMENSIONS OF THE STANDARD "H" INLET SHALL

THE EDGE OF CUTOUT/KNOCKOUT TO THE INSIDE

POURED INSIDE TO THE SPRINGLINE OF THE PIPES

4. PRECAST INLETS REQUIRE 2" OF CONCRETE FROM

5. FIELD POURED STRUCTURES SHALL HAVE A BENCH

CREATING A POSITIVE LOW FLOW CHANNEL AS

SHOWN IN THE TYPICAL FRONT SECTION VIEW.

ASSUMING 90 DEGREE PIPE CONNECTIONS, THE

MAXIMUM PIPE OUT A 3' SIDE IS 21" AND THE

8. THERE SHALL BE AN 8" FLOWLINE DEPRESSION FROM TOC ALONG THE INLET TAPERED FROM THE

9. SEE STANDARD DETAIL DRAWING 5.7.29 FOR INLET

CASTING OFFSET CRITERIA FOR H INLETS.

10. FLOOR REINFORCEMENT REQUIRED IN ALL FIELD

TYPICAL 6" FLOWLINE AS SHOWN IN THE FRONT

CITY OF MADISON

ENGINEERING DIVISION

TYPE "H"

INLET

STANDARD DETAIL DRAWING 5.7.7

CORRESPOND TO CAST-IN-PLACE AND PRECAST

WALLS AND TO THE TOP OF STRUCTURE.

MAXIMUM PIPE OUT A 2' SIDE IS 12". WALL THICKNESS DIMENSIONS OF 8" AND 5"

STRUCTURES, RESPECTIVELY.

POURED INLETS

- (4) #4 REBARS FIELD BENT WITH 8"X8" 'L'

FLOOR

INLET WALL AND FLOOR INTERSECTION

TOP OF CURB(TOC

EDGE OF PAVEMENT

BOTTOM OF CURB

(1)-7' LONG / #4 REBAR

FRONT ELEVATION

PLAN VIEW

2," MIN. OF AIR ENTRAINED MORTAR

TYPE "H" INLET

CONSTRUCTION

JOINT WITH 1" FELT \

FLOW LINE \_

CONSTRUCTION
JOINT WITH
1" FELT \

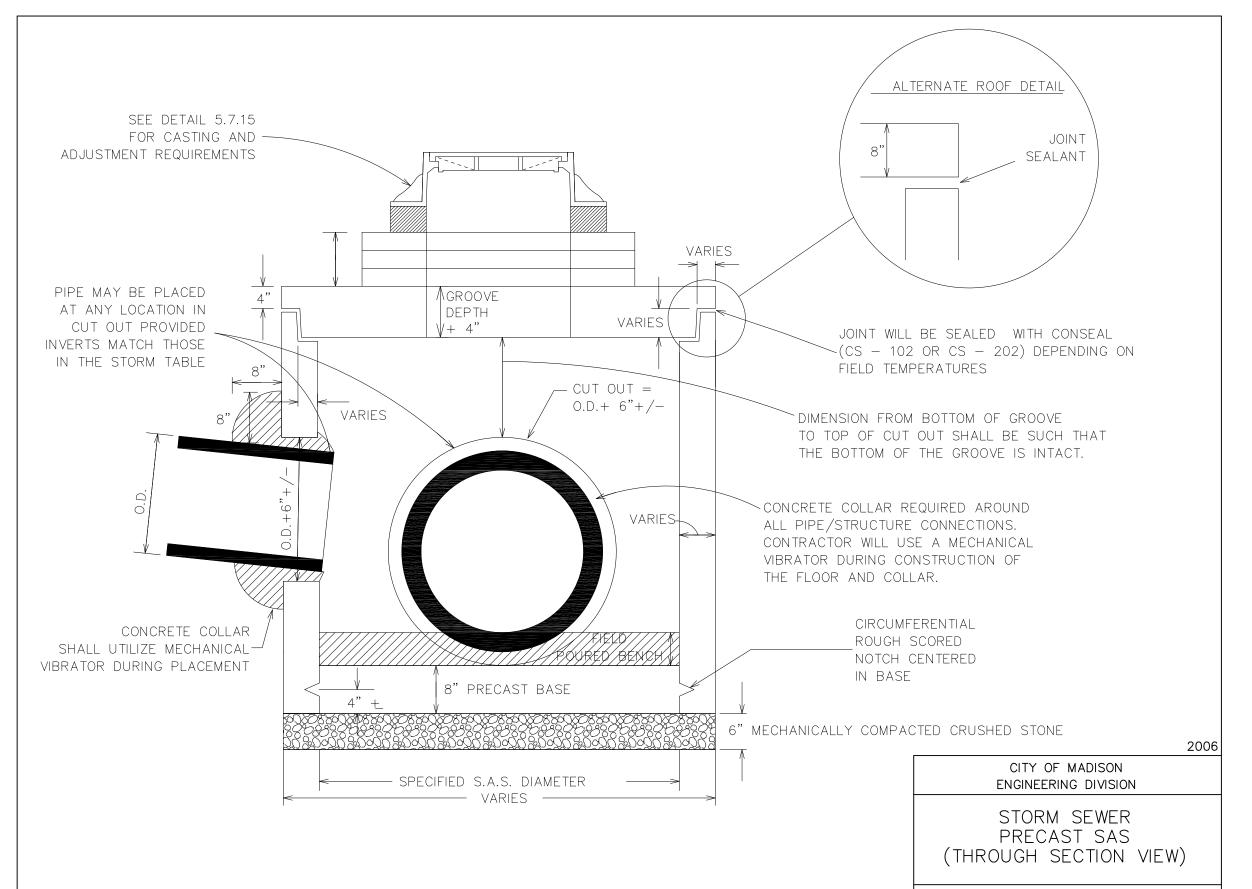
EDGE OF GUTTER (EOG)

FIELD POURED BENCH TO SPRINGLINE WITH A POSITIVE LOW FLOW CHANNEL

DRAWING NOT TO SCALE

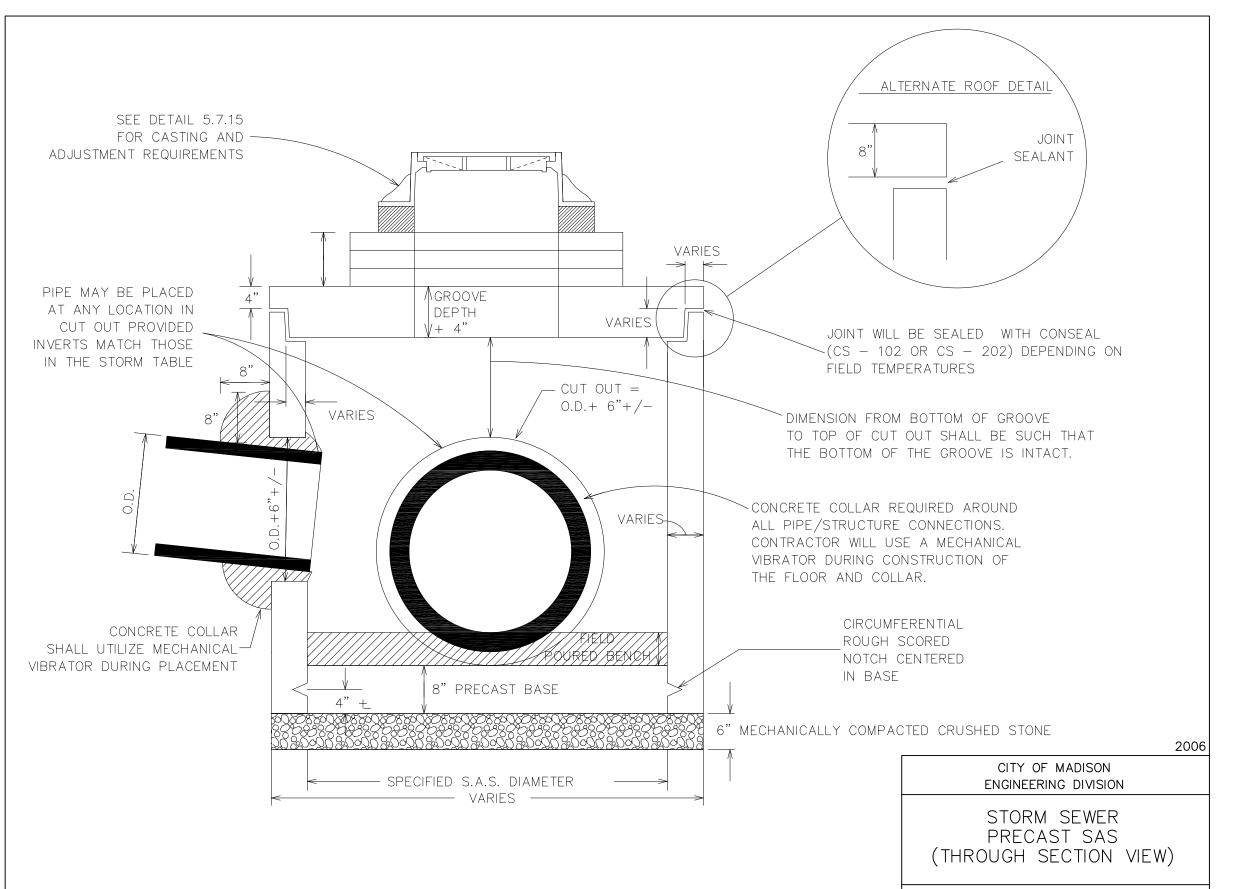
TYPICAL FRONT SECTION

INLET DEPTH AS PER PLANS



STORM SEWER PRECAST SAS (SECTION VIEW)

STANDARD DETAIL DRAWING 5.7.5



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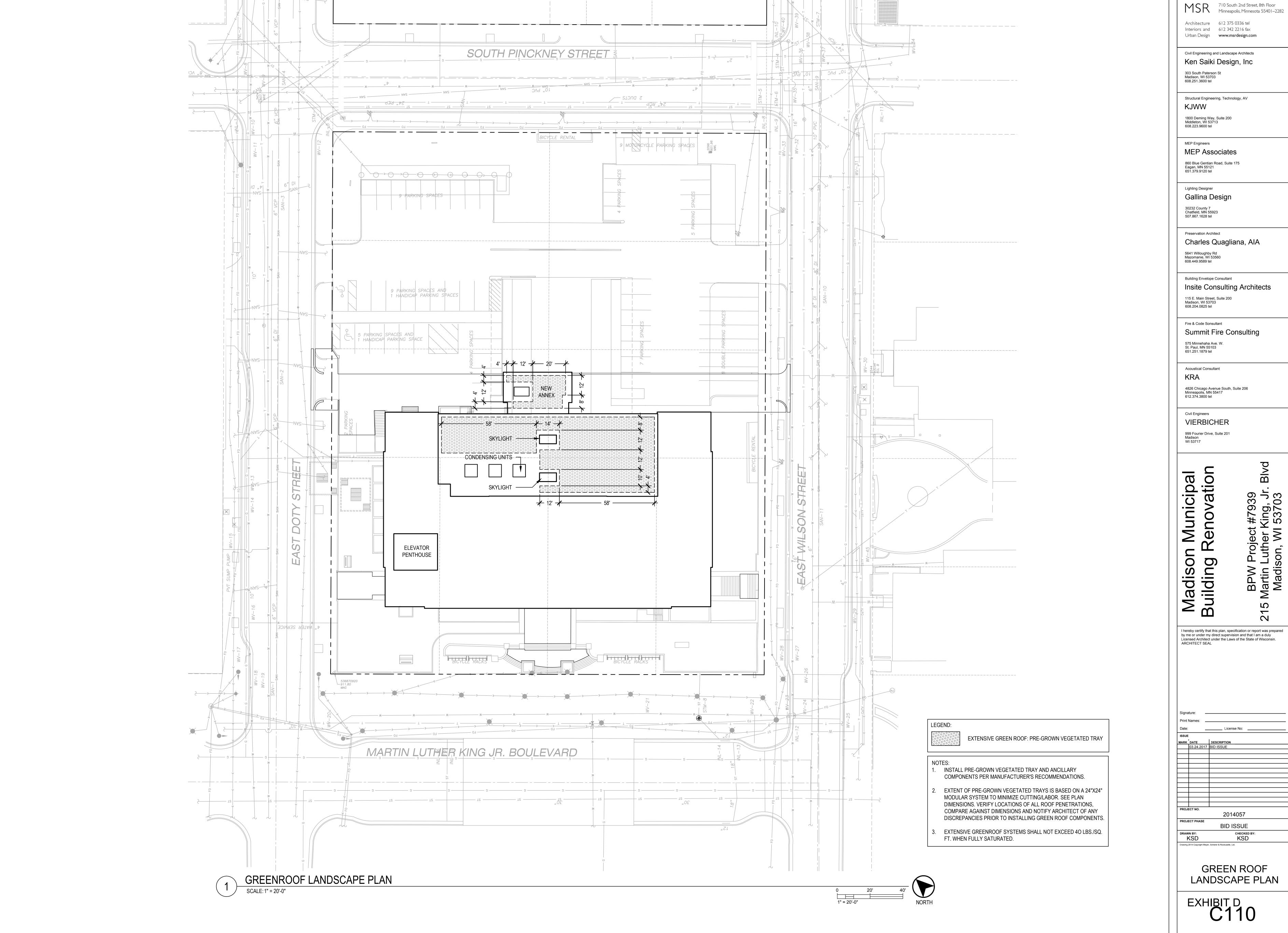
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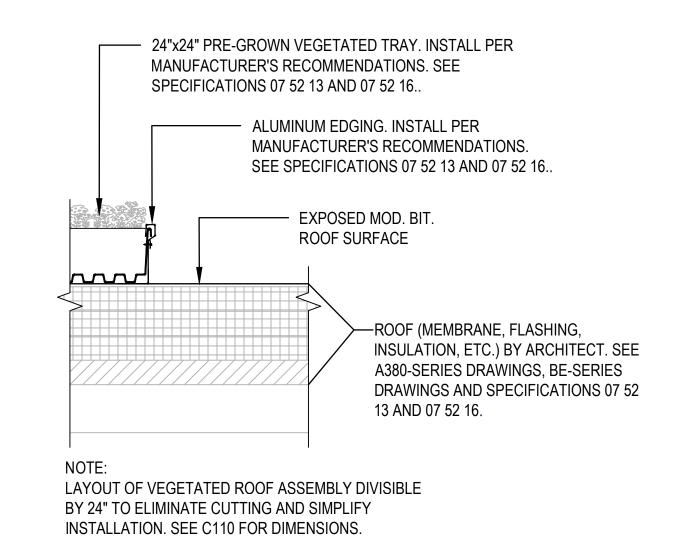
STANDARD DETAIL DRAWINGS

THAT ARE CURRENT AT THE

TIME OF CONSTRUCTION.

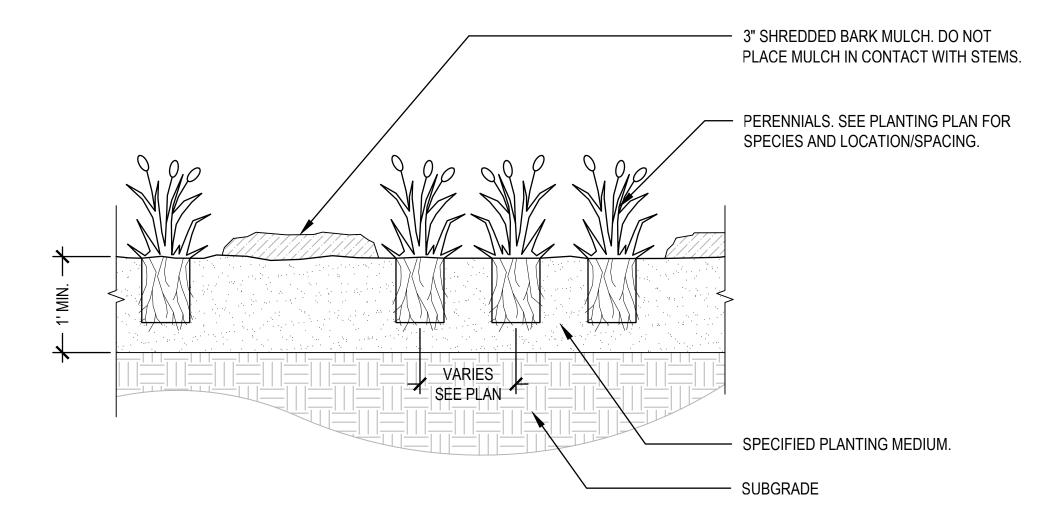
CONFORM TO CITY OF MADISON





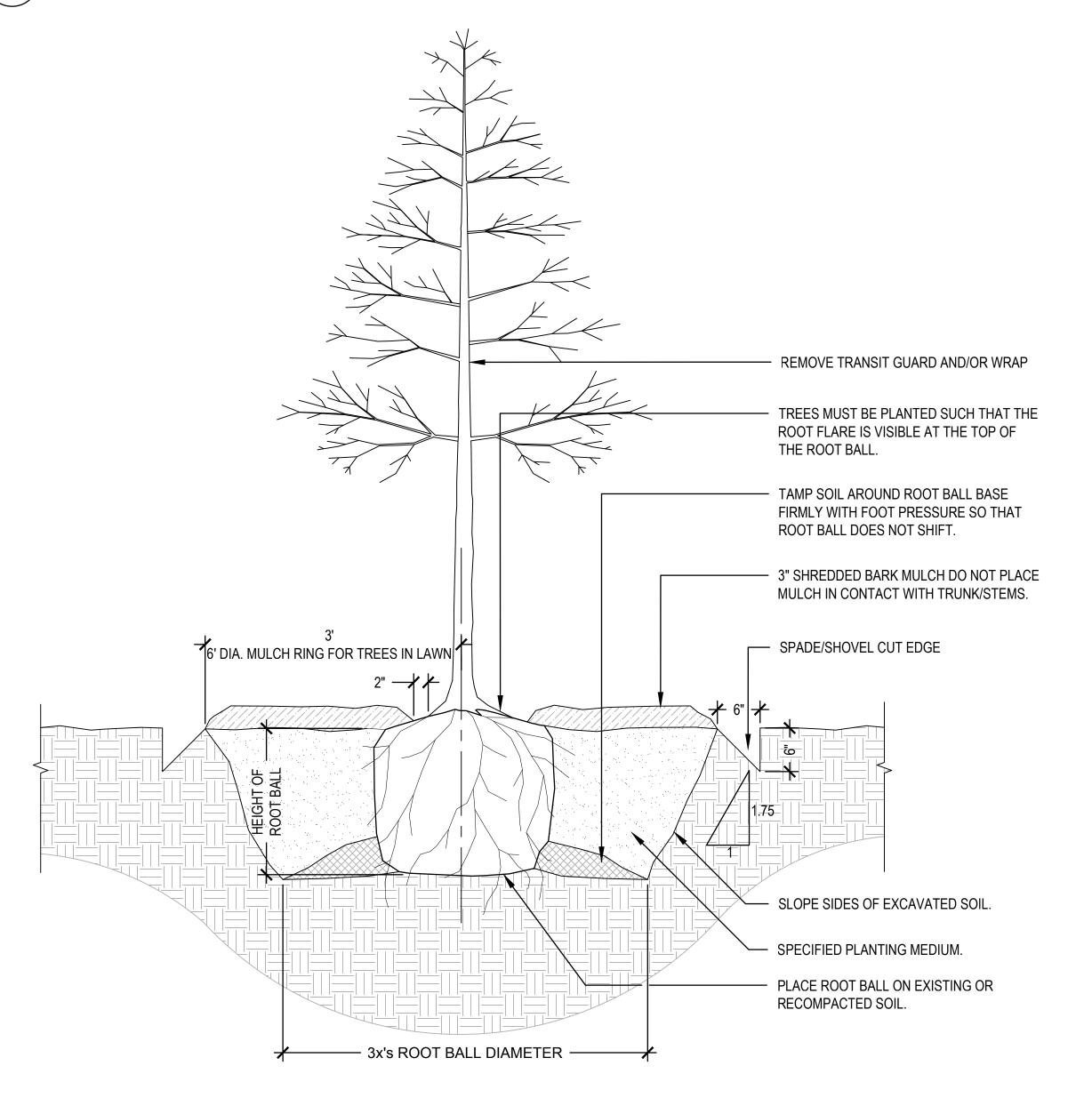
3 TYPICAL GREEN ROOF SECTION

SCALE: 1" = 1'-0"



TYPICAL PERENNIAL PLANTING DETAIL

SCALE: 1 1/2" = 1'-0"



1. TREES WHERE THE ROOT FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

- 2. DEPTH OF THE PLANTING HOLE SHOULD BE DETERMINED AND DUG AFTER THE ROOT FLARE IS LOCATED. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL AS DETERMINED BY THE ROOT FLARE.
- 3. FOR B&B STOCK, CUT AND REMOVE THE WIRE BASKET AND REMOVE ALL TWINE, ROPE, AND BURLAP FROM ROOT BALL. FOR BIODEGRADABLE CONTAINER STOCK, SLIT SIDES OF CONTAINER & FOLD FLAT. FOR NON-BIODEGRADABLE CONTAINERS, REMOVE CONTAINER COMPLETELY.
- 4. PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.
- 5. DO NOT PLACE MULCH IN CONTACT WITH TRUNK AND/OR ROOT FLARE.
- 6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
- 7. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
- 8. STAKE TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- 9. WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.

2 TYPICAL TREE PLANTING DETAIL

SCALE: 1" = 1'-0"

NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (http://www.cityofmadison.com/business/pw/specs.cfm).

2. CALL DIGGER'S HOTLINE BEFORE COMMENCING WORK. 811 OR (800) 242-8511.

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Summit Fire Consulting

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St. Paul, MN 55103
651.251.1879 tel

Acoustical Consultant

4826 Chicago Avenue South, Suite 206 Minneapolis, MN 55417 612.374.3800 tel

Civil Engineers

VIERBICHER

999 Fourier Drive, Suite 201

Madison Municipal Suilding Renovation

BPW Project
215 Martin Luther h
Madison, WI

939 g, Jr 703

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the Laws of the State of Wisconsin. ARCHITECT SEAL

Signature:	_
Print Names:	_
Date: License No:	_
ISSUE	
MARK DATE DESCRIPTION	
03.24.2017 BID ISSUE	
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PROJECT NO. 2014057	
PROJECT PHASE	_

LANDSCAPE DETAILS

**BID ISSUE** 

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