City of Milwaukee

Department of City Development
City Plan Commission
Redevelopment Authority of the City of Milwaukee
Neighborhood Improvement Development Corporation

Rocky Marcoux
Commissioner
rmarco@milwaukee.gov

Martha L. Brown
Deputy Commissioner
mbrown@milwaukee.gov

3/31/2015
OFFICIAL NOTICE NO. 46

ADDENDUM NO. 1

NOTICE TO CONTRACTORS intending to bid on the above noted Official Notice. This bidder shall acknowledge receipt of this addendum on the appropriate page in their bid. The following attached documents, together with this cover page, constitute this entire addendum.

1. Revision to SECTION 01 10 00 - SUMMARY OF WORK:
   Under article 1.03 – WORK BY OTHERS
   Revise article 1.03 as follows:

   A. Construction of the concrete sign support structure, including the two (2) HSS 8x8x3/8" posts and post base embeds will be performed by others. The Contractor will however be required to coordinate and cooperate with the sign contractor to minimize conflicts.

   B. Other contractor to provide embedded conduits through concrete sign base for feeds to keyed switches. Final locations and arrangement for embedded conduits to be coordinated with Engineer. Refer to electrical drawings for switch locations.

   C. All work noted as "by Others" in the Drawings or Specifications.

2. Attached you will find the following documents to be included in Addendum #1 for Official Notice #46.
   - Table of Contents for Booklet – Plans & Drawings
   - Updated Drawings
     - Biofiltration Area Grading & Utility Plan CB200 - 3/30/15 (1 page)
     - Biofiltration Area Details and Specifications CB300 - 3/30/15 (1 page)
     - Biofiltration Area Landscape Plan L100 - 3/30/15 (1 page)
     - Biofiltration Area Landscape Schedule & Notes L500 - 3/30/15 (1 page)
   - North End Improvements – Project Staging Area Conceptual Layout
   - Pre Bid Walk Through Sign-In Sheet (1 page)
   - Qs & As from 3/18/15 Mandatory Pre Bid Walk Through (2 pages)

3. Please note that a second Addendum to this bid may be posted on Monday, April 6, 2015.

4. All documents referenced and attached herein can be obtained in .pdf format at the following website: http://www.mpw.net/services/bid_notice?46-2015

Very truly yours,

Scott Stange
Procurement and Compliance Manager

Official Notice No. 46
Century City Redevelopment Project, Area A/Zone #1
North End Improvements
3945 North 31st Street
Milwaukee, WI

Booklet – Plans & Drawings

Table of Contents

Civil Sheet Index

1. Cover Sheet
2. Existing Conditions
3. Demolition Plan
4. Site Plan
5. Grading Plan

Landscape Sheet Index

6. Landscape Plan Z. 1
7. Landscape Details
8. Sign Plan
9. Sign Details and Notes

Structural Sheet Index

10. General Information
11. General Notes
12. Foundation Plan and Sections

Electrical Sheet Index

13. Electrical Site Plan
14. Electrical Details

Official Notice No. 46
Booklet – Plans & Drawings

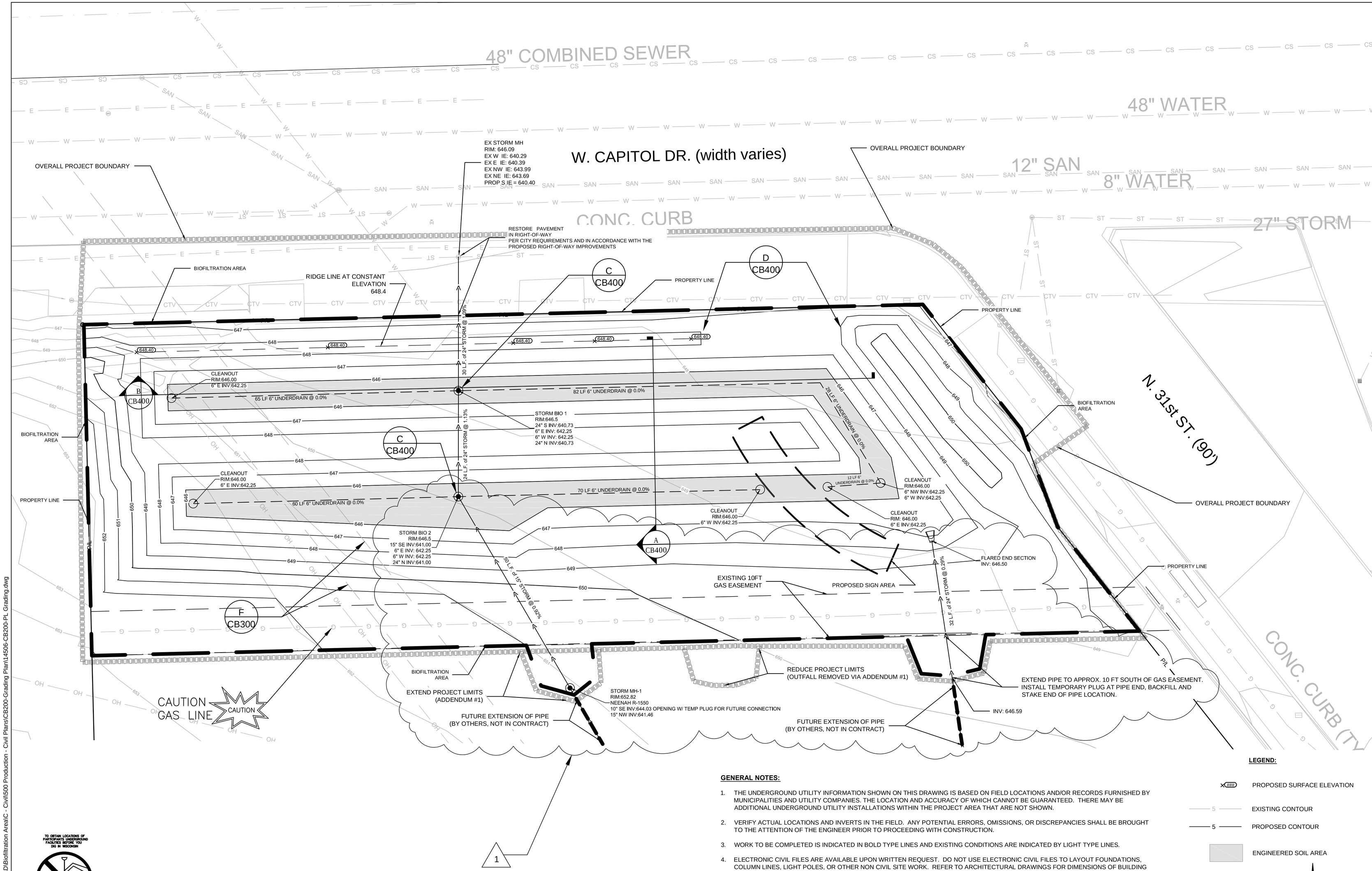
Table of Contents

Utility Sheet Index

15. **Biofiltration Area Grading and Utility Plan (CB200)**
16. **Biofiltration Area Details and Specifications (CB300)**
17. **Biofiltration Area Landscaping Plan (L100)**
18. **Biofiltration Area Landscape Details, Schedules, Notes (L500)**

Construction Staging

19. **Project Staging Area Conceptual Layout**



GENERAL NOTES:

1. THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS DRAWING IS BASED ON FIELD LOCATIONS AND/OR RECORDS FURNISHED BY MUNICIPALITIES AND UTILITY COMPANIES. THE LOCATION AND ACCURACY OF WHICH CANNOT BE GUARANTEED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
2. VERIFY ACTUAL LOCATIONS AND INVERTS IN THE FIELD. ANY POTENTIAL ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. WORK TO BE COMPLETED IS INDICATED IN BOLD TYPE LINES AND EXISTING CONDITIONS ARE INDICATED BY LIGHT TYPE LINES.
4. ELECTRONIC CIVIL FILES ARE AVAILABLE UPON WRITTEN REQUEST. DO NOT USE ELECTRONIC CIVIL FILES TO LAYOUT FOUNDATIONS, COLUMN LINES, LIGHT POLES, OR OTHER NON CIVIL SITE WORK. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF BUILDING AND ARCHITECTURAL FEATURES.
5. WORK IN PUBLIC RIGHT OF WAY SHALL FOLLOW MATERIAL AND INSTALLATION REQUIREMENTS PER CITY MILWAUKEE.
6. REMOVE EXISTING ABOVE AND BELOW GRADE IMROVEMENTS AS NECESSARY TO FACILITATE NEW CONSTRUCTION.
7. VERTICAL DATUM FOR THE PROJECT IS NGVD 29. SUBTRACT 580.6 TO CONVERT TO CITY OF MILWAUKEE VERTICAL DATUM.
8. REFER TO DETAIL "E" SHEET CB300 FOR EROSION MATTING REQUIREMENTS
9. REFER TO LANDSCAPE PLANS AND DETAILS FOR PLANTING REQUIREMENTS.

LEGEND:

- PROPOSED SURFACE ELEVATION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- ENGINEERED SOIL AREA

GRAPHIC SCALE (0, 10, 20 FEET)

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

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
"WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE"
MILW. AREA 259-1181

City of Milwaukee

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

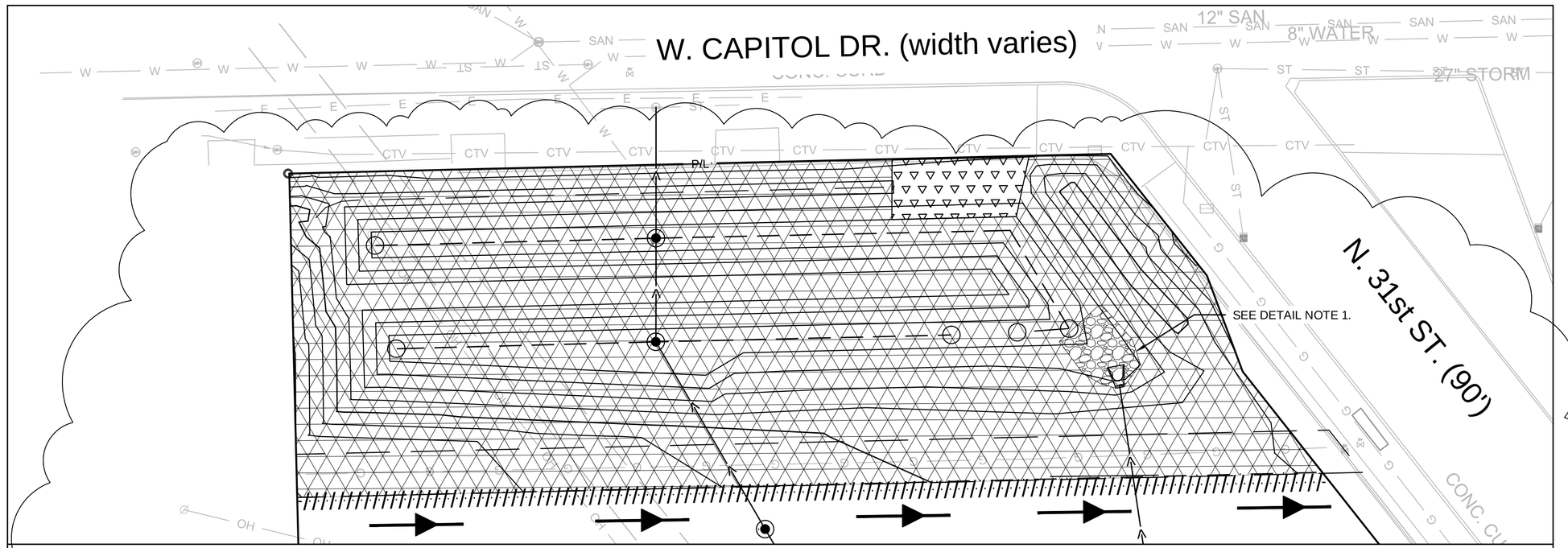
REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
CENTURY CITY NORTH END IMPROVEMENTS
ZONE #1 AND BIOFILTRATION AREA

BIOFILTRATION AREA GRADING & UTILITY PLAN

1 03-30-15 ADD. #1 O.N. 45 ABH

DRAWING NO.	14506-CB200-PL Grading.dwg
DRAWN BY:	ABH
DATE:	03-12-15
PROJECT NO:	14506
CHECKED BY:	ABH
APPROVED BY:	ABH
SHEET NO.:	CB 200

File: I:\milwc\14506 - Cent City EAP\060 CAD\Biofiltration Area\C - Civil\500 Production - Civil Plans\CB200-Grading Plan\14506-CB200-PL Grading.dwg



DETAIL NOTES:

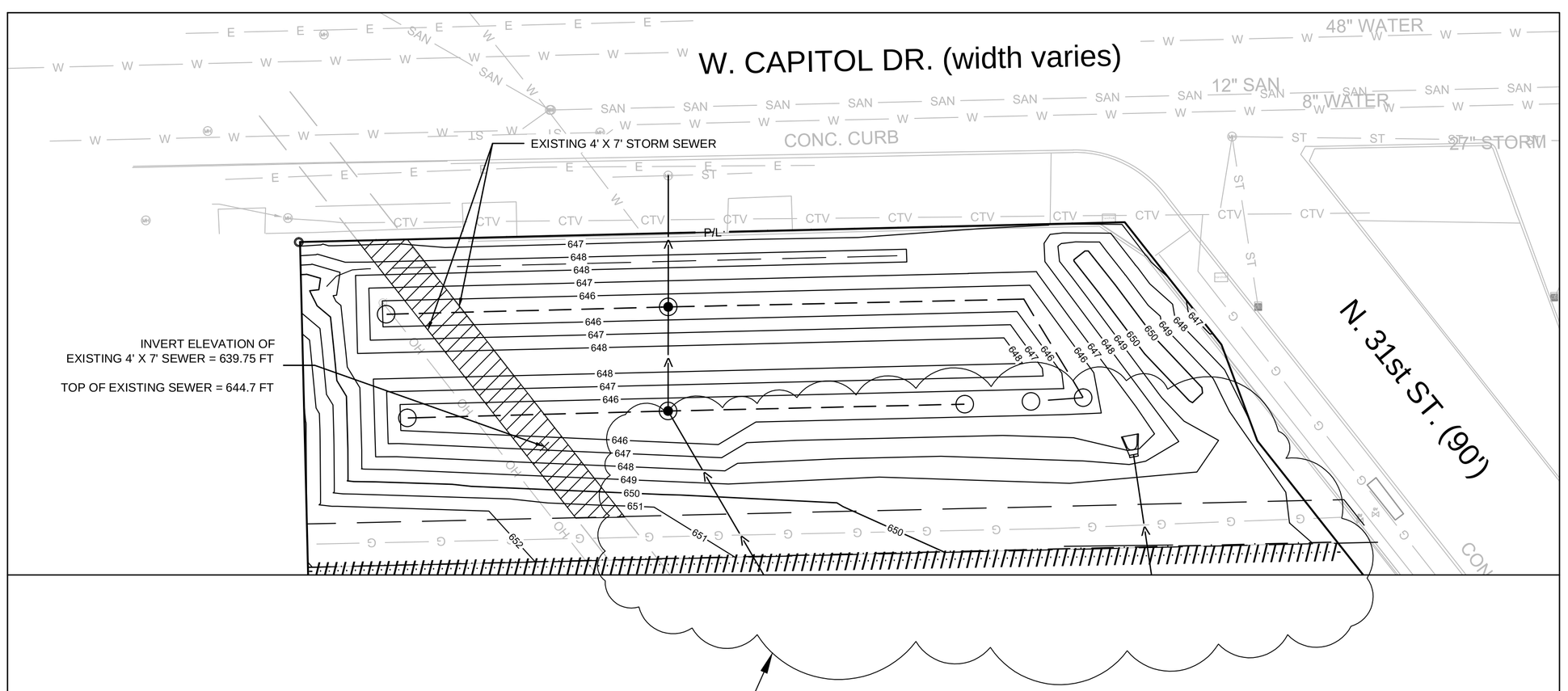
1. ADJUST EROSION MATTING TO ACCOMMODATE STORM SEWER OUTFALL FEATURES SHOWN ON THE LANDSCAPING PLAN.
2. EROSION MATTING SHALL BE ANCHORED, OVERLAPPED, STAKED AND ENTRENCHED PER MANUFACTURER'S RECOMMENDATIONS.
3. STRAW WATTLE SHALL BE 12" DIAMETER STENLOG OR EQUAL, STAKED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. AN OR EQUAL PRODUCT SHALL, AT A MINIMUM, BE ONE THAT IS FOUND ON THE WISCONSIN DEPARTMENT OF TRANSPORTATION'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST.

GRAPHIC SCALE 0 20 40 FEET

LEGEND:

- WISDOT EROSION MAT CLASS II TYPE B BIODEGRADABLE
- EROSION MAT OVER ECRM. SEE DETAIL D SHEET CB 400.
- WISDOT MEDIUM RIP RAP OVER TYPE R FABRIC. INSTALL RIPRAP 1 FOOT THICK.
- PROPOSED STRAW WATTLE
- PROPOSED TEMPORARY DIVERSION BERM & SWALE WITH DIRECTION OF FLOW INDICATED

E EROSION CONTROL DETAIL



NOTES:

1. REMOVE EXISTING 4' X 7' STORM SEWER PIPE TO THE EXTENT NECESSARY TO FACILITATE CONSTRUCTION OF THE BIOFILTRATION AREA.

GRAPHIC SCALE 0 20 40 FEET

LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- HORIZONTAL REMOVAL EXTENT

F PIPE REMOVAL DETAIL

GENERAL NOTES:

1. THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS DRAWING IS BASED ON FIELD LOCATIONS AND/OR RECORDS FURNISHED BY MUNICIPALITIES AND UTILITY COMPANIES. THE LOCATION AND ACCURACY OF WHICH CANNOT BE GUARANTEED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
2. VERIFY ACTUAL LOCATIONS AND INVERTS IN THE FIELD. ANY POTENTIAL ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. WORK TO BE COMPLETED IS INDICATED IN BOLD TYPE LINES AND EXISTING CONDITIONS ARE INDICATED BY LIGHT TYPE LINES.
4. ELECTRONIC CIVIL FILES ARE AVAILABLE UPON WRITTEN REQUEST. DO NOT USE ELECTRONIC CIVIL FILES TO LAYOUT FOUNDATIONS, COLUMN LINES, LIGHT POLES, OR OTHER NON CIVIL SITE WORK. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF BUILDING AND ARCHITECTURAL FEATURES.
5. WORK IN PUBLIC RIGHT OF WAY SHALL FOLLOW MATERIAL AND INSTALLATION REQUIREMENTS PER CITY MILWAUKEE.
6. VERTICAL DATUM FOR THE PROJECT IS NGVD 29. SUBTRACT 580.6 TO CONVERT TO CITY OF MILWAUKEE VERTICAL DATUM.
7. REFER TO LANDSCAPE PLANS AND DETAILS FOR PLANTING REQUIREMENTS.
8. REFER TO "SOIL MANAGEMENT PLAN FOR BIOFILTRATION AREA" FOR HANDLING OF SOILS.

STORM DRAINAGE SPECIFICATIONS:

1. STORM SEWER WORK SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES (DSPS) PLUMBING CODE - CHAPTERS SPS 382 AND SPS 384 AND CITY REQUIREMENTS.
2. STORM PIPING SHALL BE PVC. PVC SEWER PIPE AND FITTINGS: ASTM D 3034, SDR 35, WITH BELL-AND-SPIGOT ENDS WITH RUBBER GASKETED JOINTS IN ACCORDANCE WITH CHAPTER 8.10.0 OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (STANDARD SPECIFICATIONS), LATEST EDITION. JOINTS SHALL CONFORM TO ASTM D-3212.
3. FRAMES AND GRATES: AS INDICATED ON PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING SPECIFIED FRAME/GRATE IS COMPATIBLE WITH STRUCTURE; IF NOT, NOTIFY ENGINEER.
4. MANHOLES: STANDARD PRECAST REINFORCED CONCRETE MANHOLES CONFORMING TO ASTM C478, SECTION 8.39.0 OF THE STANDARD SPECIFICATIONS AND CONFORMING TO FILE NOS. 12, 13 AND 15 OF THE STANDARD SPECIFICATIONS. DIAMETER AND DEPTH AS INDICATED ON PLANS. MANHOLE SIZES TO BE VERIFIED BY CONTRACTOR AND SHOP DRAWINGS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO ORDERING STRUCTURES.
5. MANHOLES AND CATCH BASINS DEEPER THAN FOUR FEET SHALL BE PROVIDED WITH MANHOLE STEPS CONFORMING TO SECTION 8.40.0 OF THE STANDARD SPECIFICATIONS.
6. SEWERS SHALL BE INSTALLED IN CONFORMANCE WITH SECTION 3.2.0 OF THE STANDARD SPECIFICATIONS. INSTALL PROPER SIZE INCREASERS, REDUCERS AND COUPLINGS WHERE DIFFERENT SIZES OR MATERIALS OF PIPES AND FITTINGS ARE CONNECTED. INSTALL TRACER PIPE OVER NON-METALLIC PIPING IN ACCORDANCE WITH SPS SECTION 382.30(11)(H) AND 382.36(7)(D).
7. PROVIDE AND INSTALL CLEANOUTS IN ACCORDANCE WITH SPS CHAPTER 382.35. INSTALL CLEANOUTS AND RISER EXTENSIONS FROM SEWER PIPES TO PROPOSED GRADE. INSTALL PIPING SO CLEANOUTS OPEN IN DIRECTION OF FLOW IN SEWER PIPE. USE HEAVY DUTY, TOP-LOADING CLASSIFICATION CLEANOUTS.
8. BEDDING AND BACKFILL IN PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH CITY REQUIREMENTS AND SPECIFICATIONS.
9. MANHOLE INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 3.5.0 OF THE STANDARD SPECIFICATIONS. SET MANHOLE RIMS TO ELEVATIONS INDICATED ON PLANS.

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

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE
MILW. AREA 259-1181

City of Milwaukee

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

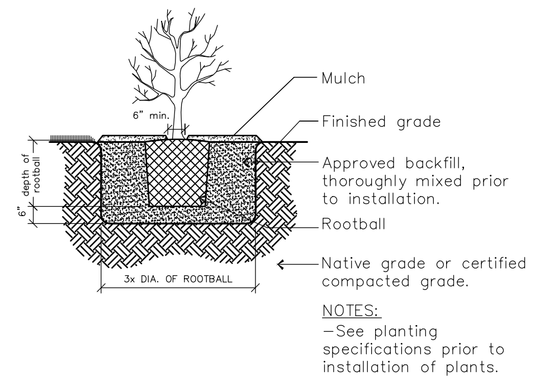
REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
CENTURY CITY NORTH END IMPROVEMENTS
ZONE #1 AND BIOFILTRATION AREA

BIOFILTRATION AREA DETAILS AND SPECIFICATIONS

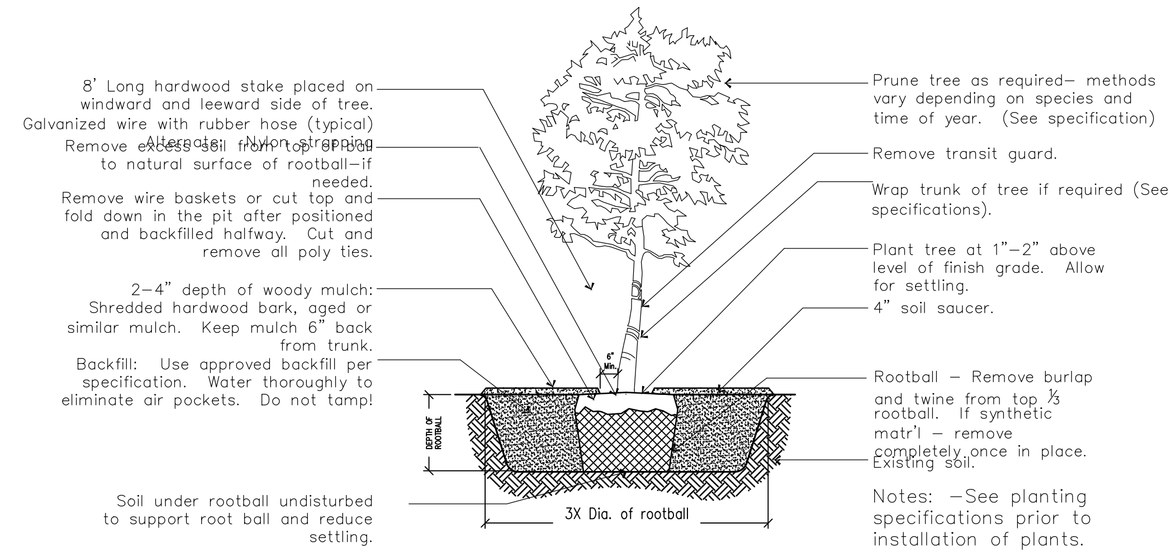
1	03-30-15 ADD. #1 O.N. 45 ABH

DRAWING NO.	14506-300-PL Details Specs.dwg
DRAWN BY:	TPM
DATE:	03-12-15
PROJECT NO:	14506
CHECKED BY:	ABH
APPROVED BY:	ABH
SHEET NO.:	CB 300

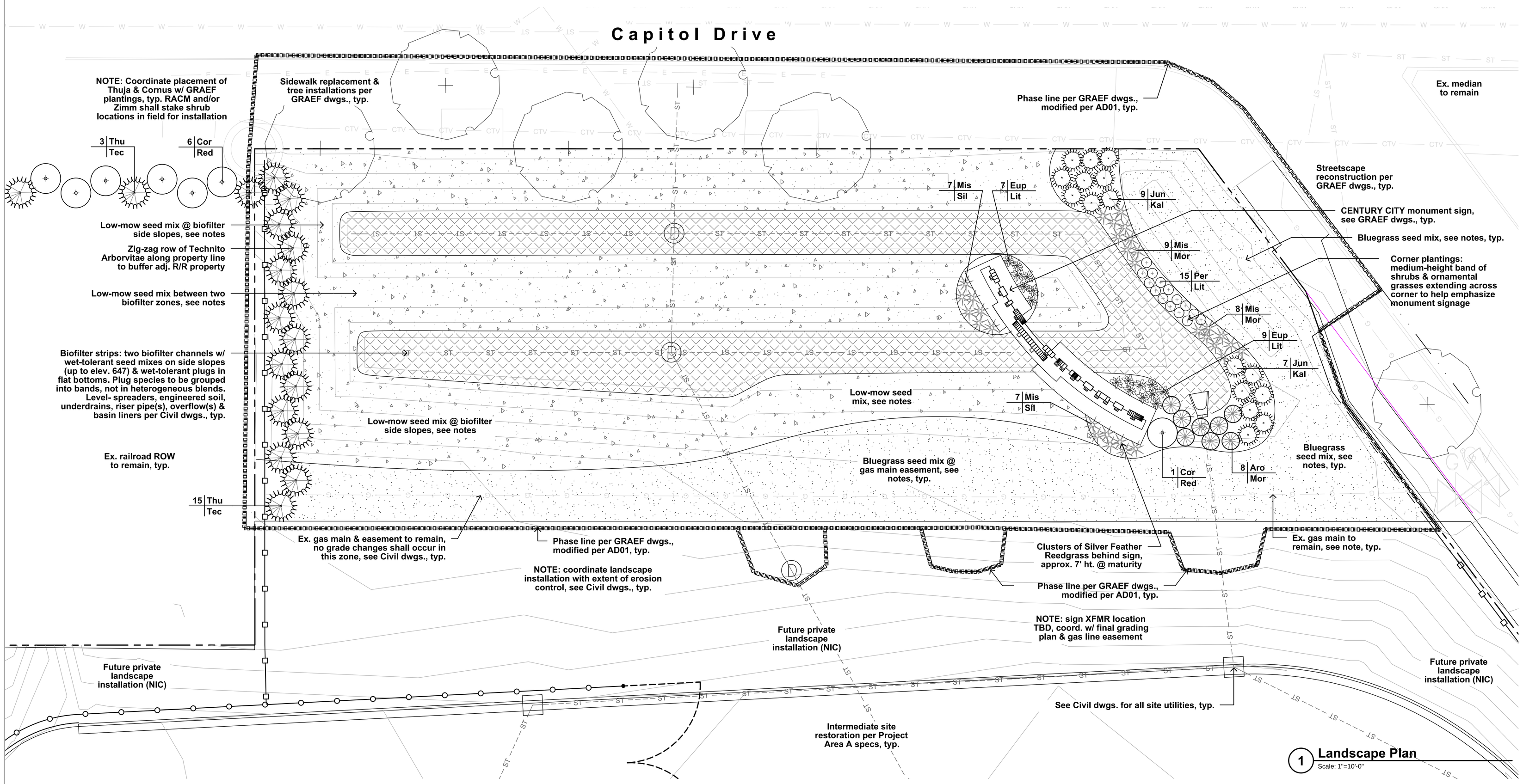
File: I:\milwci\14506 - Cent City EAP\060 CAD\Biofiltration Area\C - Civil\500 Production - Civil Plans\CB300-Details and Specs\14506-300-PL Details Specs.dwg



3 Shrub Planting Detail
Not To Scale



2 Tree Planting Detail
Not To Scale



1 Landscape Plan
Scale: 1"=10'-0"

City of Milwaukee

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

ZIMMERMAN ARCHITECTURAL STUDIOS, INC.
2121 West Mt. Vernon Avenue | Milwaukee, WI 53233 | zastudios.com
TELEPHONE (414) 476.9500
FACSIMILE (414) 476.8582

REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
CENTURY CITY NORTH END IMPROVEMENTS
ZONE #1 AND BIOFILTRATION AREA

BIOFILTRATION AREA LANDSCAPE PLAN

1 03-30-15 ADD. #1 O.N. 45

Scale: As Shown @ 36x24"

DRAWING NO.	14021000 L10.dwg
DRAWN BY:	TED
DATE:	03-12-15
PROJECT NO:	14506 (140210.02)
CHECKED BY:	TED
APPROVED BY:	
SHEET NO.:	L100

General Notes

1.01 All landscape installation & maintenance to conform with all applicable local codes & ordinances, including (but not limited to) select portions of City of Milwaukee Municipal Code Ch. 295-405 "Landscaping."

1.02 See Civil dwgs. for work limits, scope of construction, grading, stormwater management, site utilities, erosion control, hardscape, dimensions &/or construction notes. See Landscape dwgs. for landscape plans, details, schedules, notes.

1.03 Contractor shall provide shop drawings and material submittals of **all** hardscape & landscape construction elements shown in plan set for Landscape Architect review prior to construction, including (but not limited to) ornamental fencing & all access control equipment.

1.04 Contractor to provide samples for Landscape Architect's approval on all colors, finishes & materials prior to construction, including (but not limited to) topsoil, gravels, mulches, seed mixes et al.

1.05 Caution: underground utilities are present on site. The Contractor shall verify location of all above- and below-grade utilities, both public & private, prior to commencement of site construction. If unanticipated above- or below-grade conditions are encountered, notify Client & Landscape Architect prior to proceeding. Coordinate with local public utility locating entity as needed.

1.06 Contractor to verify hardscape layout prior to construction. Contact Landscape Architect if discrepancies are found.

1.07 Contractor to limit construction traffic to within work limit lines. All adjacent damage shall be the responsibility of the contractor to restore. See Civil drawings for limits of disturbance.

1.08 All written dimensions supersede scaled dimensions. All dimensions are taken from face of curb, wall or existing building foundations.

1.09 Any work done in the public right-of-way shall require an encroachment & maintenance agreement with the City of Milwaukee. Owner, LA & contractor to coordinate.

Landscape Notes

2.01 Rough grading & topsoil import/spreading are to be completed by others. Finish grading, seed area and ornamental planting bed preparation shall be the landscape contractor's responsibility. Verify all existing site and grading conditions prior to construction.

2.02 All areas disturbed by site construction shall be fine graded and restored with vegetative cover as shown. See plans for cover types & locations, see specifications for materials & installation.

2.03 Contractor shall verify plant quantities shown on plan. Symbol quantities take precedence over plant keys. Forward a material list to the Landscape Architect prior to construction identifying species, sizes & plant sources to be used on the project.

2.04 All plant materials shall conform to the schedule and shall meet quality requirements outlined in the ANLA "American Standard for Nursery Stock", ANSI Z60.1-2004.The Landscape Architect reserves the right to reject any substandard planting material. Such rejected material shall be removed from the project site immediately.

2.05 All nursery tags/labels shall be left on plant materials until the project punch-list inspection is completed by the Landscape Architect. Untagged materials will be assumed to be deficient.

2.06 All planting beds shall contain screened blended topsoil mix to a min. depth of 18". All lawn areas shall have min. 6". Suitable existing soil may be used & mixed if previously approved. Contractor shall be responsible for obtaining soil tests if existing topsoil is reused. Soil testing results shall include (but is not limited to) soil pH, % organic matter, phosphorus, potassium, calcium & texture (percentages of sand, silt and/or clay.) Remove excessive clay, gravel & stones detrimental to healthy plant growth. Remove all debris greater than 1" diameter.

2.07 Contractor is responsible for ensuring that all tree pits & planting areas drain properly. Notify Landscape Architect if drainage or moisture problems are encountered while planting.

2.08 Contractor shall backfill all trees, shrubs & evergreens with a mix of 1/3 plant starter mix & 2/3 remaining soil. Plant Starter Mix to be provided by Liesener Soils, Cedarburg WI, or approved equal.

2.09 All perennial and groundcover areas shall receive a 3" layer of plant starter mix and perennial starter fertilizer, rototilled into the top 6" of blended topsoil in beds.

2.10 All perennial areas shall receive a 1-2" layer of shredded hardwood bark mulch. Groundcover beds do not receive a cover of shredded bark mulch. Do not allow mulch to touch stems or leaves of perennials! All woody planting areas shall receive a 3" layer. Unless otherwise shown in the plans, no landscape fabric or weed barrier is to be installed.

2.11 Unless otherwise shown, all perennials & shrubs to be planted in triangular arrangements. For plants not shown individually, refer to the spacing shown in the plant schedule.

2.12 All edging to be 3/16" x 4" alum. mill-finish. Permaloc "CleanLine" or "ProSlide", or approved equal.

2.13 Stone mulch areas to contain 2-3" of decorative stone installed over poly weed barrier. Stone to be decomposed/rotted granite or approved equal. Coordinate final material selection with LA.

2.14 Contractor shall provide positive drainage away from all structures for a minimum of 10'.

2.15 Contractor shall be responsible for providing base bid comprehensive landscape establishment, maintenance and warranty care for the durations indicated. Prior to beginning installation, the contractor shall submit maintenance calendar(s) for review/approval including all anticipated maintenance activities. Schedules shall be based on the plug supplier's maintenance requirements, modified as needed for site-specific conditions:

- Woody materials (trees & shrubs): 12 months
- Herbaceous materials (perenniasl & grasse): one full growing season
- Bluegrass turf areas: 12 months
- All other areas (non-bluegrass seeding, slopes, biofilters, et al): 24 months

Seeding Notes & Mixes

3.01 This work shall consist of preparing the seed beds and furnishing, sowing and mulching the required seed on the various seeded areas, as outlined in the site plans and specifications. All turf restoration shall be seeded turf unless otherwise noted.

3.02 Rough grading, drainage work, topsoiling and fine grading shall be completed before sowing the seed mixes. The areas to be seeded shall be worked with plow chisels, discs & harrows, soil finishers and/or other appropriate equipment until a reasonably even and loose seedbed is obtained. Seed beds shall be prepared immediately in advance of the seeding. If proposed seed areas are weedy, contractor to apply herbicide or other weed control measures to eliminate weeds. Conform with seed supplier's specifications if required.

3.03 Confirm that anticipated project schedule date(s) fall within the respective seed supplier's approved calendar prior to installation. Installations completed outside of acceptable seeding dates shall be the performed at the sole responsibility and expense of the contractor. For dormant seeding, a min. of one over-seed application in the following season will be required.

3.04 Seeds shall be PLS and will be mixed in accordance w/ mfr's specifications. Provide invoices, bag-tags or mix analysis results for approval prior to installation.

3.05 The seed mixtures shall be sown by means of equipment adapted to the purpose. Mechanical distribution of seed (i.e. Truax seed drill, Brillion seeder, cultipacker, slit-seeder, drop spreader or broadcast spreader) are the only accepted methods. No hand-broadcasting of seed.

3.06 No seeding shall occur if the wind exceeds 12 MPH.

3.07 Coordinate erosion control and/or mulching with Civil dwgs. In sloped areas steeper than 4:1, erosion matting shall be installed by others (see 3.09); installation coordination will be required. In areas with slopes between 4:1 and 8:1, landscape contractor shall apply clean hay or straw mulch, free of debris and seeds, on all newly seeded areas. Mulch shall be uniformly spread over the designated area at a rate of 55 bales per acre or as indicated in the respective seed supplier's specifications. Mulch material shall be chopped and blown into the seeded area. Lightweight E.C. matting and/or hydromulch will be accepted as a no-cost alternate if approved by Landscape Architect.

3.08 See Civil dwgs for erosion control devices. Coordinate with erosion control contractor where required to ensure that topsoil, seeding and/or mat installations are properly coordinated.

3.09 Contractor is responsible for obtaining soil tests for all seeded areas. Soil testing results shall include (but is not limited to) soil pH, % organic matter, phosphorus, potassium, calcium & texture (percentages of sand, silt and/or clay.) Contaminated soil shall be removed from the project site if discovered. If necessary, supply soil amendments required for specified seed mixes and/or coordinate alternate mixes if soils cannot be properly conditioned.

3.10 Seed mix substitutions will be considered only if submitted for approval 7 days before the close of bidding. All mixes shall be installed & maintained per supplier's specifications. For all seeding other than Bluegrass, contractor shall apply a cover crop of Canada Wild Rye (15-30 lbs per AC), Common Oats (20-30 lbs per AC) or Winter Wheat (12 lbs per AC) depending on season & preference. Discuss with LA prior to application.

BLUEGRASS MIX:
"Deluxe 50 Mix" shall be supplied by Reinders, Elm Grove WI, 262-786-3300. Apply @ 6 lbs per 1000 GSF.

LOW-MOW MIX:
"No-Mow Low-Grow Seed Mix" shall be supplied by Reinders. Apply @ 250 lbs per AC.

WET-TOLERANT MIX:
"Short Prairie for Dry Soils" shall be supplied by Prairie Nursery, Westfield WI, 800-476-9453. Apply @ 10 lbs per AC.

3.11 Contractor shall be responsible for providing comprehensive seed area establishment, maintenance and warranty care for all seeded areas for the durations outlined in note #2.15.

Wet Tolerant Plug Notes

4.01 This work shall consist of preparing the plug areas and furnishing, installing and mulching the required wet-tolerant perennial plugs on the various seeded areas, as outlined in the site plans and specifications.

4.02 Rough grading, drainage work & engineered soil spreading shall be completed by others before installing the plugs. See the Civil plans for the areas of engineered soil and its placement.

4.03 Install plugs during the respective plug supplier's approved calendar. Installations completed outside of acceptable install dates shall be the performed at the sole responsibility and expense of the contractor. Plugs shall be installed & maintained per supplier's specifications.

4.04 See Civil dwgs for erosion control req's. Plugs are to be installed into the engineered soil via slits cut through the mat. See Civil dwgs for balance of site erosion control measures.

4.05 Install all plugs @ 12-15" o.c. with staggered / triangular spacing. Species shall be organized in linear clusters of 5-7 plugs each. Plug area layout shall be staked on-site, then inspected by Owner & LA for approval prior to installation.

4.06 Plug kit / source substitutions will only be considered if submitted & approved prior to 7 days before the close of bidding.

4.07 Rain Garden Plugs: Shall be based on "Rain Garden For Sandy Soil in Full Sun." Materials shall be provided by Prairie Nursery, or approved equal. PN hort staff shall modify species & percentages to increase overall drought tolerance / upland species and reduce the number of floodplain-loving varieties. Final species & density information to be provided to LA for approval prior to ordering.

Plant Schedule

Contractor shall be responsible for calculating all plant quantities, typ.

Symbol	Qty Prop.	Botanical Name	Common Name	Installed Size	Root	Spacing	Notes
Deciduous Shrubs							
Aro Ela		Aronia melanocarpa var. elata	Glossy Black Chokeberry	18-24" Ht.	2 Gal.	48" o.c.	
Cor Red		Cornus sericea 'Red Feather'	Red Feather Dogwood	48" Ht.	B/B	72" o.c.	
Evergreen Shrubs							
Jun Kal		Juniperus pfitz. 'Kallay Compact'	Kallay Compact Juniper	24" Sprd.	7 Gal.	60" o.c.	
Thu Tec		Thuja occidentalis 'Technito'	Technito Dwarf Techny Arborvitae	5' Ht.	B/B	As Shown	
Perennials & Grasses							
Eup Lit		Eupatorium mac. 'Little Joe'	Little Joe Pye Weed	1 Gal.	Cont.	30-36" o.c.	
Mis Mor		Miscanthus 'Morning Light'	Morning Light Maidenhair Grass	1 Gal.	Cont.	30" o.c.	
Mis Sil		Miscanthus 'Silberfeder'	Silver Feather Maidenhair Grass	1 Gal.	Cont.	36-42" o.c.	
Per Lit		Perovskia atr. 'Little Spire'	Little Spire Russian Sage	1 Gal.	Cont.	24" o.c.	

City of Milwaukee

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

ZIMMERMAN ARCHITECTURAL STUDIOS, INC.
2122 West Mt. Vernon Avenue | Milwaukee, WI 53233 | zastudios.com
TELEPHONE (414) 476.9500
FACSIMILE (414) 476.8582

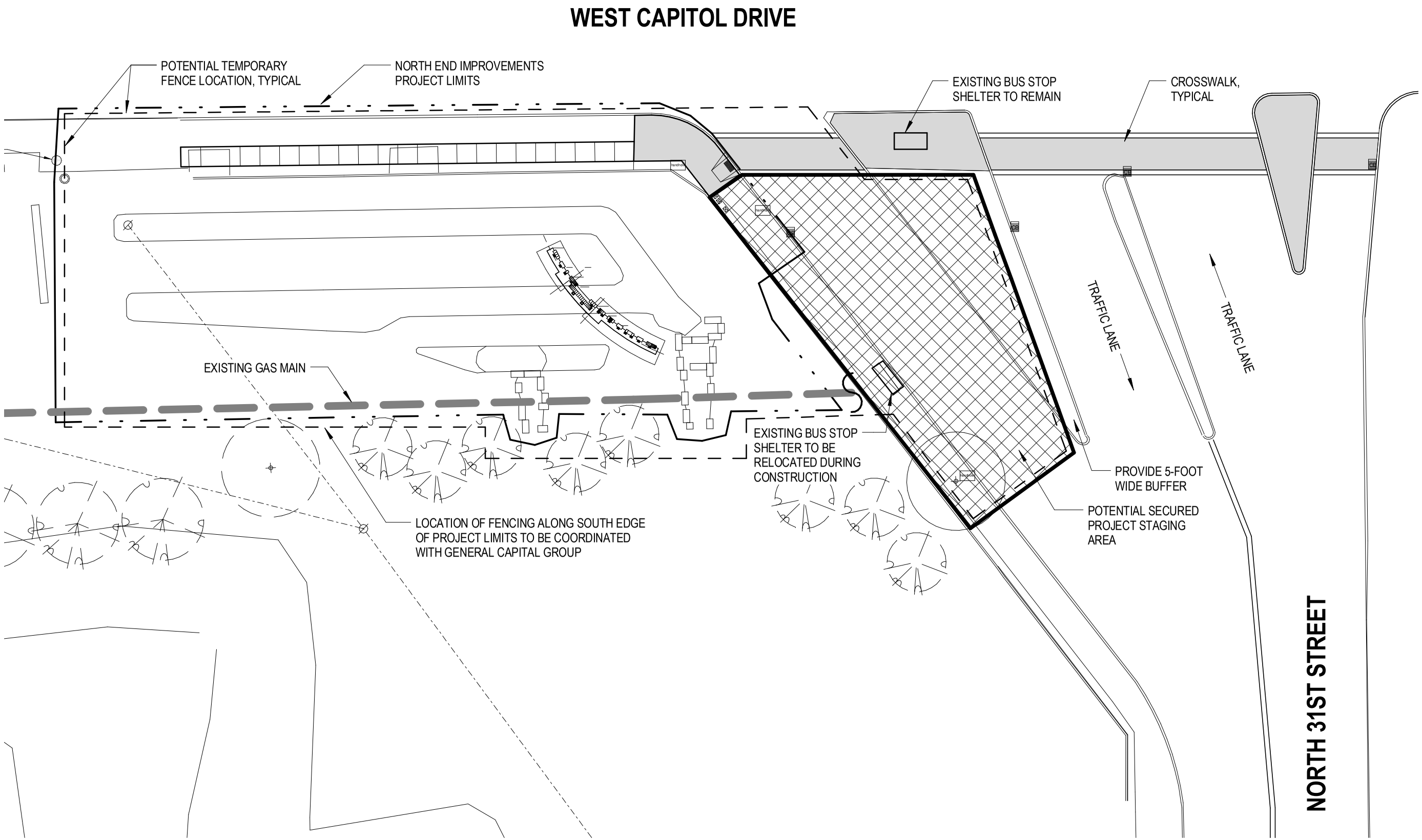
REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
CENTURY CITY NORTH END IMPROVEMENTS
ZONE #1 AND BIOFILTRATION AREA

BIOFILTRATION AREA LANDSCAPE SCHEDULES & NOTES

1 03-30-15 ADD. #1 O.N. 45

Scale: As Shown @ 36x24"

DRAWING NO.	14021000 L10.dwg
DRAWN BY:	TED
DATE:	03-12-15
PROJECT NO:	14506 (140210.02)
CHECKED BY:	TED
APPROVED BY:	
SHEET NO.:	**L500**



NORTH END IMPROVEMENTS - PROJECT STAGING AREA CONCEPTUAL LAYOUT

SCALE = NTS

DATE: 03/25/2015
DRAWN BY: CWH
PROJECT #: 2012-0200.13

GRAEF

SIGN-IN SHEET - MARCH 18, 2015 - MANDATORY PRE BID WALK THRU - O.N. #45 & O.N. #46

North End Improvements/Sign Fabrication

PLEASE PRINT

This document is subject to Wisconsin's open records law.

Name of Company	Point of Contact	Phone Number	E-Mail Address	FAX Number (Required)
Wm. Sackerson Construction 4749 S. Whitnall Ave Cudahy, WI	Neil Sackerson Supervisor	414-769-0088	Neil.Sackerson@SBCglobal.net	414-769-0763
Lemberg Electric 4085 N. 128th brookfield, WI 53005	Brian Pritzkow Sales/Project manager	O: 262-781-1500 C: 414-587-2932	bpritzkow@LembergElectric.com	
Marek Landscaping LLC 532 E. Capitol Drive Milwaukee, WI 53212	Stefan Golos Landscape Designer	O: 414.272.0242	Stefan@marekLandscaping.com	414-272-0243
Poblocki 525 S. 116th street Milwaukee, WI 53214	Charles Amundsen VP of Strategic Accounts	O: 414-777-4205 C: 414-429-1699	camundsen@poblocki.com	414.476.9130
Gibraltar Industries 4201 N. 27th street Milwaukee, WI 53216	Shannon Jetteries owner	C: 414-460-8040	info@gibraltarindustriesinc.com	414-502-0896
Badger lighting & Signs PO Box 510451 New Berlin, WI 53151	Marty Westberg Senior Account Executive	O: 262-787-8000 C: 262-993-4076	madwis@yahoo.com	262-549-3413
Gestra Engineering Inc. 1626 W. Fond Du Lac Ave. Milwaukee, WI 53205	Mark G. Skiba Project manager	O: 414-933-7444 C: 414-234-9117	mskiba@gestrainc.com	414-933-7844
Globe Contractors Inc. N50 W23076 Betker Rd. Pewaukee, WI 53072	Robert Olson Treasurer	O: 262-246-0000 C: 414-828-8971	Bob@globecontractors.com	262-246-0730
Michael's Signs 3914 S. memorial Drive Racine, WI 53403	Jon Klema Sales consultant	O: 800-554-5110 C: 414-915-5135	jon@michaelsigns.com	262-554-0574
Zenith Tech. Inc. N6 W23633 Bluemound Rd. Waukesha, WI 53187-1025	Timothy Lemke Project Manager	O: 262-524-1736 C: 262-366-5451	tlemke@zenithtechinc.com	262-524-1840
C.W. Purpero, Inc. 1190 W. Rawson Ave. Oak Creek, WI 53154	Michael Rogowski Project Manager	O: 414-856-2850 C: 414-349-1170	rogowskim@purpero.com	414-856-2856
Graphic House Inc. 9204 Packer Drive. Wausau, WI 54401	Bren Hartinger Sales	O: 715-842-0402 C: 715-370-0762	bren@graphichouseinc.com	715-848-9108
Nugen Johnson, LLC PO Box 148 Sussex, WI 53089	Ben Johnson Co-owner	O: 208-313-3393	bjohnson@nugenJohnson.com	414-921-5691
[illegible] Dakota Intech 16600 W. National Ave. New Berlin, WI 53151	Don Callen Vice President	O: 414-581-0376	dcallen@dakotaic.com	262-784-8833

Addendum No. 1

Answers to Questions from Mandatory Pre-bid Walk Through that took place on March 18, 2015

Century City Redevelopment Project Area A/Zone #1
North End Improvements
3945 North 31st Street, Milwaukee, Wisconsin
Department of Public Works Official Notice # 45
And
Century City Redevelopment Project Area A/Zone #1
Monument Sign Fabrication and Installation
3945 North 31st Street, Milwaukee, Wisconsin
Department of Public Works Official Notice # 46

Q1: Will the contractors be permitted to cross the General Capital construction site to move spoils from the biofiltration area grading area to the designated area for spoils?

A1: No. The contractor must transport any spoils to the designated area via public right-of-way (i.e., West Hopkins Street) and re-enter the Century City site at Gate #2 (2725 W. Hopkins St.).

Q2: Will the contractor need to pay permit fees?

A2: RACM has been working with DPW to streamline the review and permit process. While it will be the contractor's responsibility to obtain the permits, no fees will be charged for construction permits. However, the contractor will be required to obtain and pay for permits to stage equipment and/or work within the public right-of-way. More information can be found at: http://city.milwaukee.gov/DNS/planning/pubway.pdf

Q3: Clarify which bid includes the electrical work for the monument sign.

A3: See Addendum #1 for O.N. #45 and O.N. #46.

Q4: Which plan sheets show the outfall design?

A4: The landscape design around the outfalls is included in the Zimmerman plan sheets L100 and L500 which were omitted from the original bid package, and are now included in this addendum.

Q5: Are the grades shown in the bid grading plans reflective of the current site conditions?

A5: Yes, to the best of our knowledge.

Addendum No. 1

Answers to Questions from Mandatory Pre-bid Walk Through that took place on March 18, 2015

Century City Redevelopment Project Area A/Zone #1
North End Improvements
3945 North 31st Street, Milwaukee, Wisconsin
Department of Public Works Official Notice # 45
And
Century City Redevelopment Project Area A/Zone #1
Monument Sign Fabrication and Installation
3945 North 31st Street, Milwaukee, Wisconsin
Department of Public Works Official Notice # 46

Q6: What will the contractor need to do with respect to the abandoned box sewer?

A6: The box sewer will be filled with slurry prior to the contractor beginning work on the north end improvements project. It will be the contractor's responsibility to excavate and remove sections of the sewer and slurry in order to achieve the proper grades shown in the biofiltration plans.

Q7: Are the limits of fence and retaining wall removal synchronized with the limits of sidewalk removal?

A7: Refer to the drawings in the bid packet.

Q8: Will connection to city sewer impact traffic lanes on West Capitol Drive?

A8: The connection will be made to a manhole within the sidewalk terrace. It is the contractor's responsibility to make all necessary arrangements for traffic control.

Q9: Will the contractor be responsible for removing/moving the bus shelter along N. 31st St.?

A9: No. However, the contractor will be responsible for coordinating with Milwaukee County Transit System (MCTS) to have the bus shelter moved when they set up their staging area. Contact MCTS at least 5 working days before removal of the bus shelter is required, and at least 5 working days before reinstallation can take place. MCTS contact phone number is 414-343-1764.