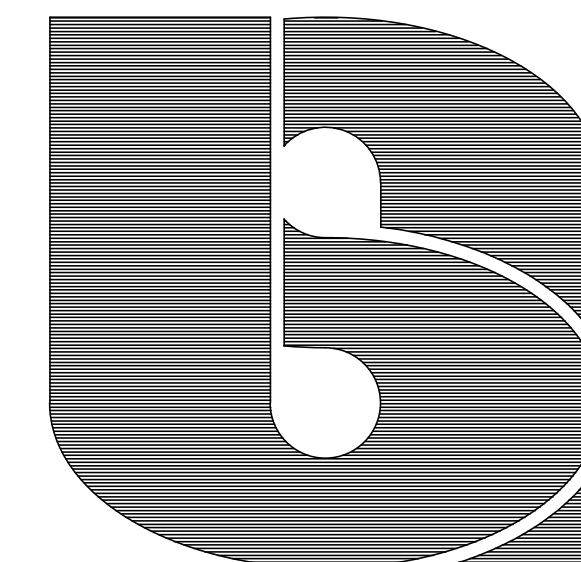


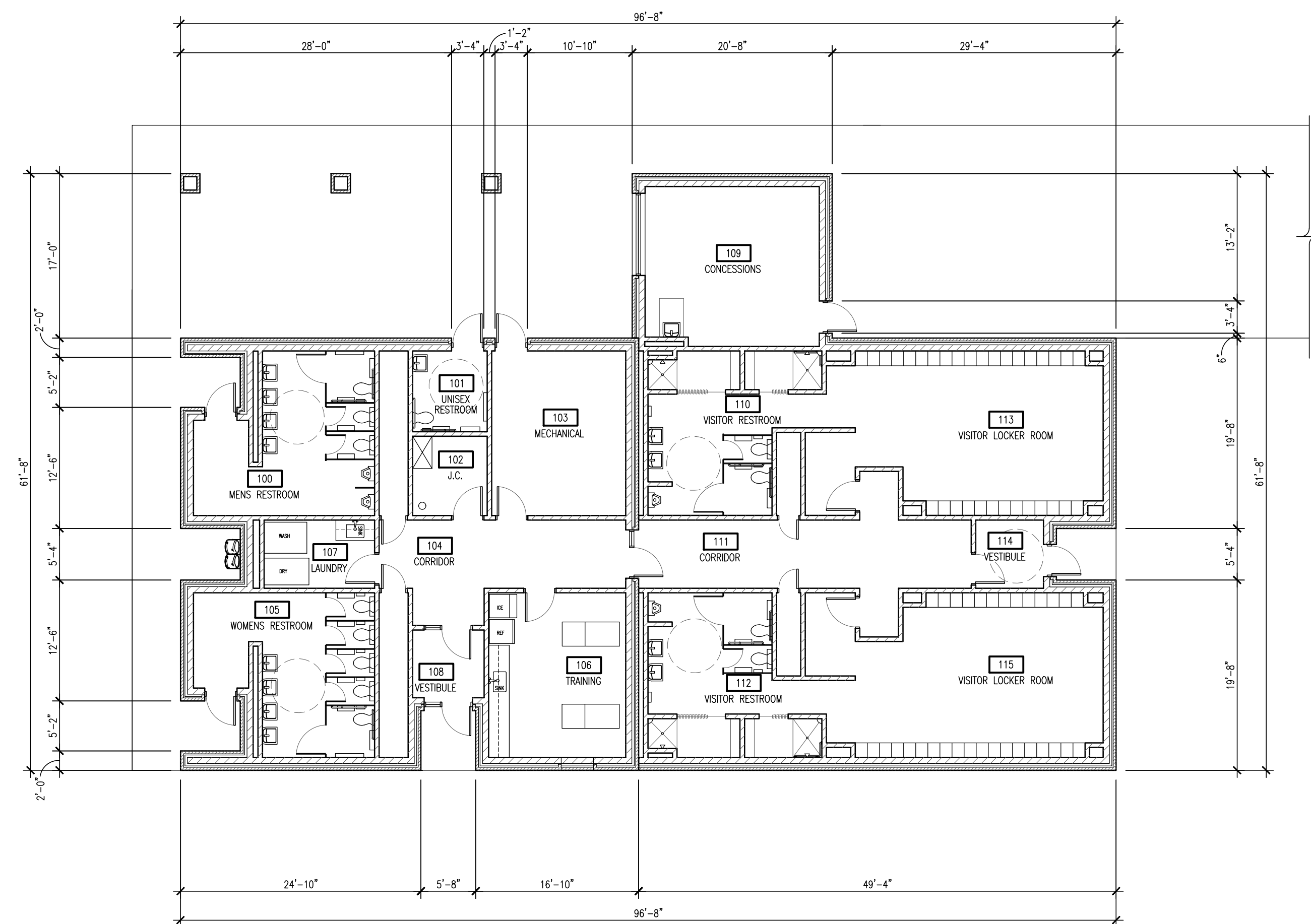
B O E R



ARCHITECTS  
INCORPORATED  
1123 North Water St  
Milwaukee, WI 53202  
Phone 414-223-3353  
Fax 414-223-3348  
E-mail www.boerarch.com

OWNER:

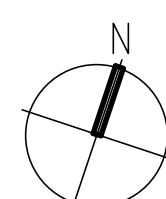
MILWAUKEE AREA TECHNICAL COLLEGE  
CONSTRUCTION SERVICES  
700 WEST STATE STREET,  
MAIN BUILDING ROOM M70  
MILWAUKEE, WI 53233-1443  
RAY ZUKAUSKAS (414) 297-6593



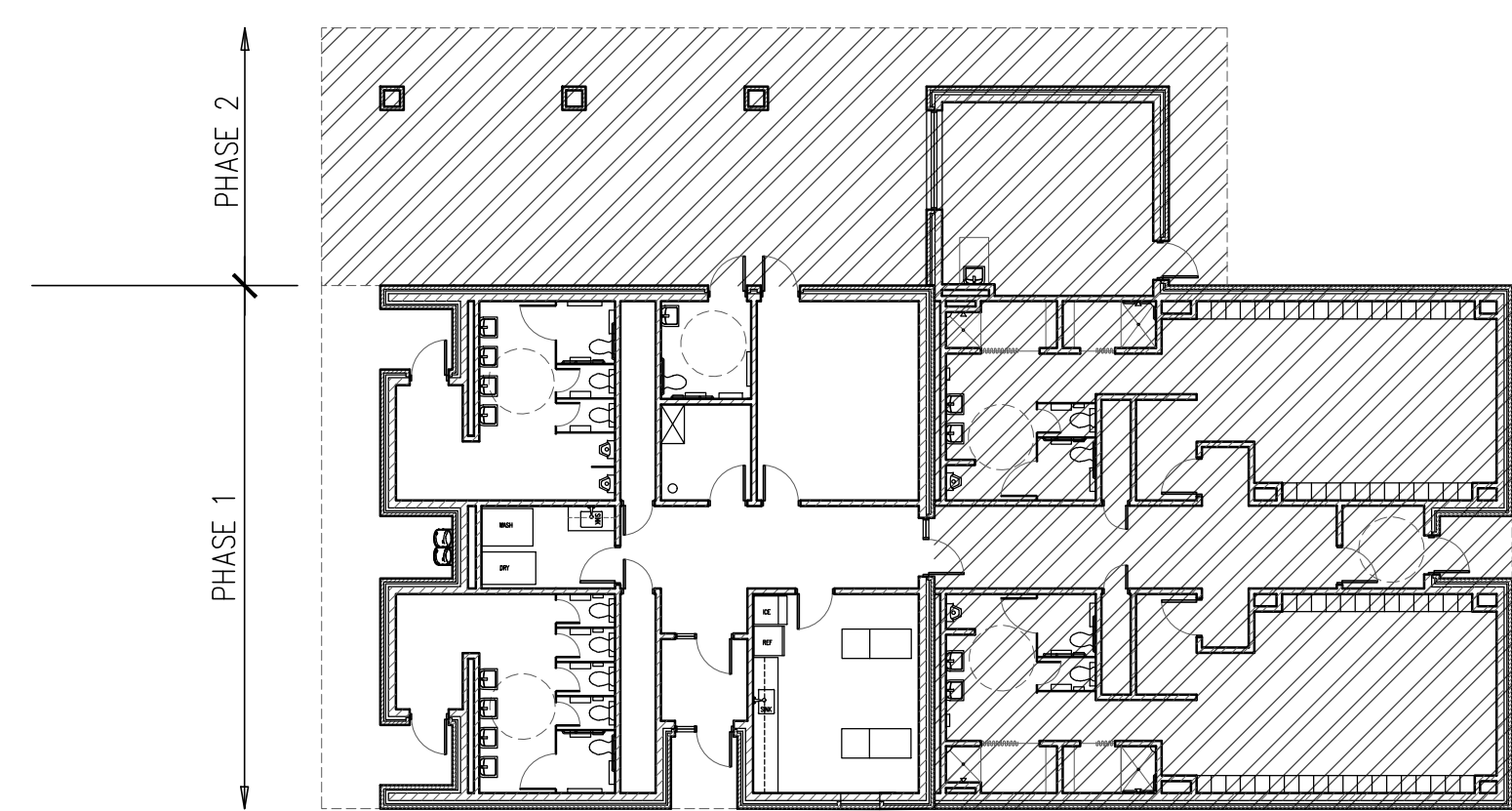
1  
A100

FLOOR PLAN

SCALE: 1" = 10'-0"



PROJECT NORTH



KEY PLAN - PHASE 1 AND 2 (N.T.S.)

PLAN COMMISSION  
SUBMITTAL - NOT FOR  
CONSTRUCTION

MATC BID REFERENCE #  
MATC PROJECT #2023319.02

REVISION DATE

DATE  
30 JULY 2024

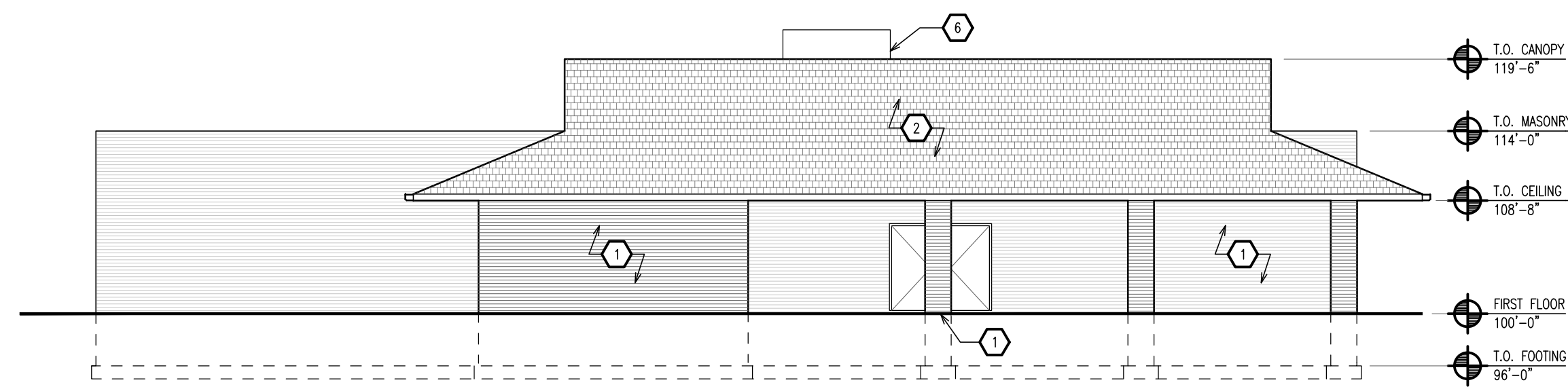
OCC BASEBALL  
OUTDOOR RESTROOM  
FACILITY

6665 S. HOWELL AVENUE  
OAK CREEK, WI 53154

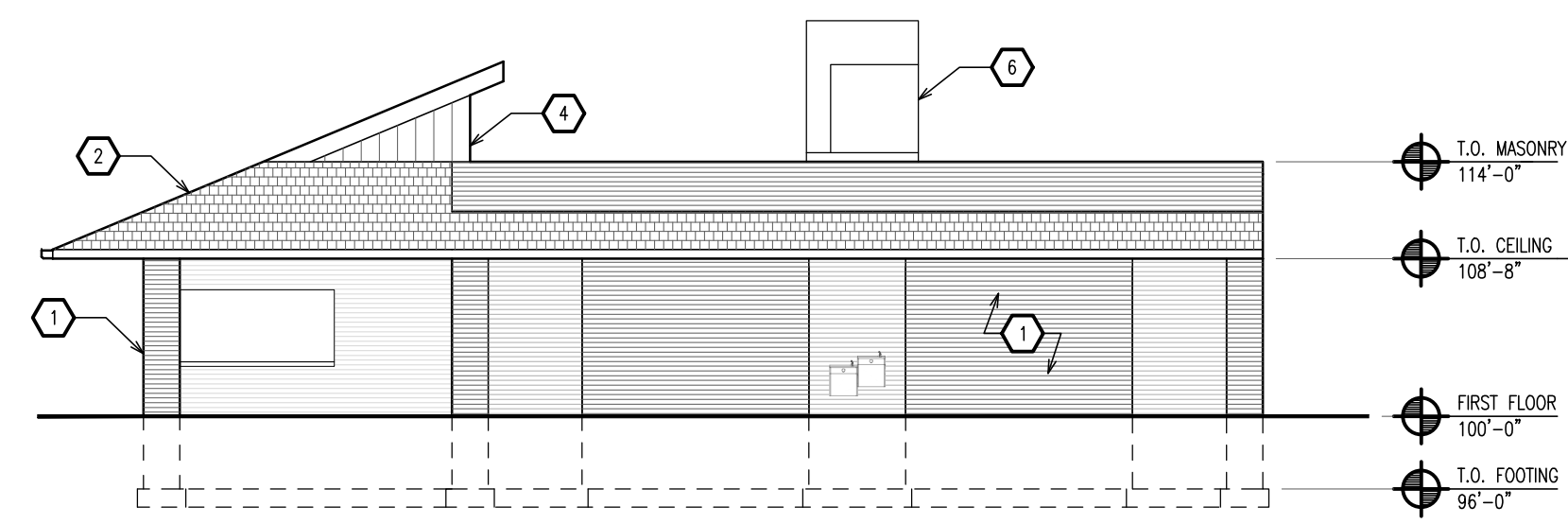
PROJECT NUMBER  
23510

TITLE  
FLOOR PLAN

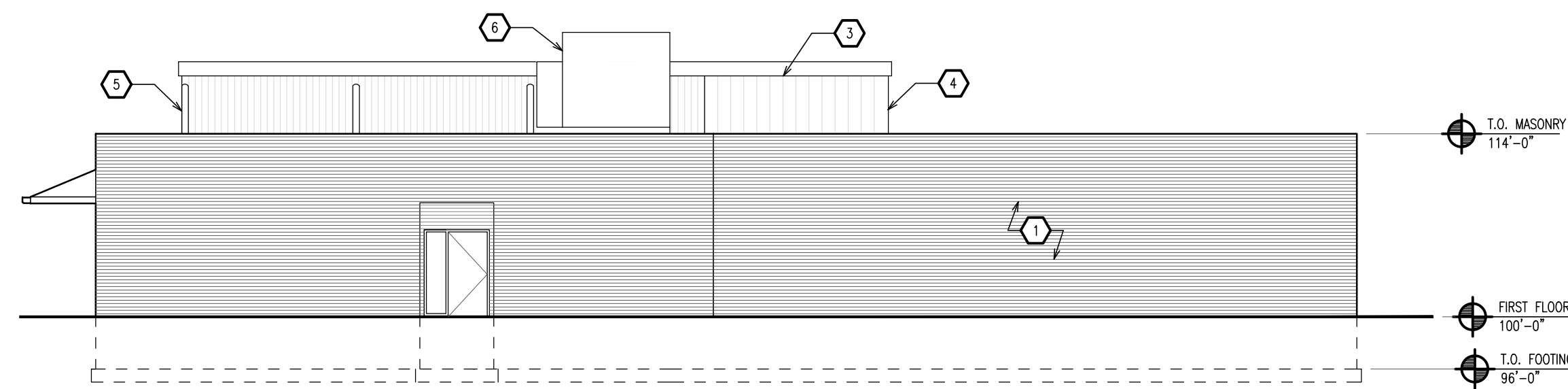
SHEET NUMBER  
A100



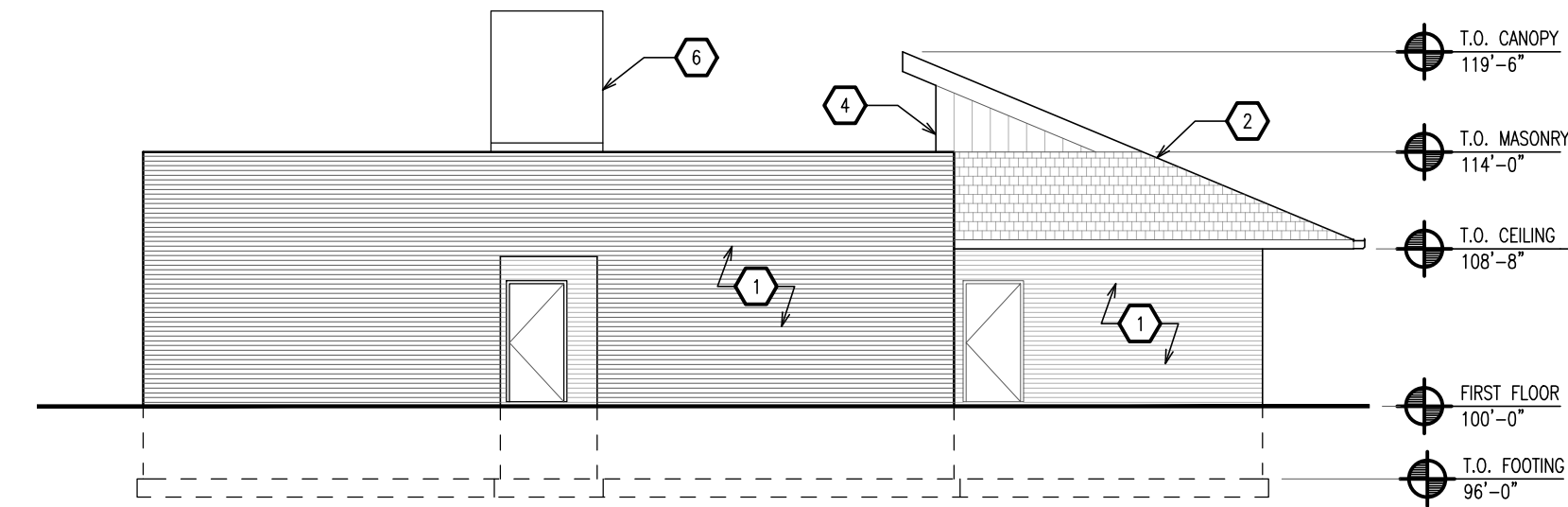
1 NORTH ELEVATION  
A200 SCALE: 1" = 10'-0"



2 WEST ELEVATION  
A200 SCALE: 1" = 10'-0"

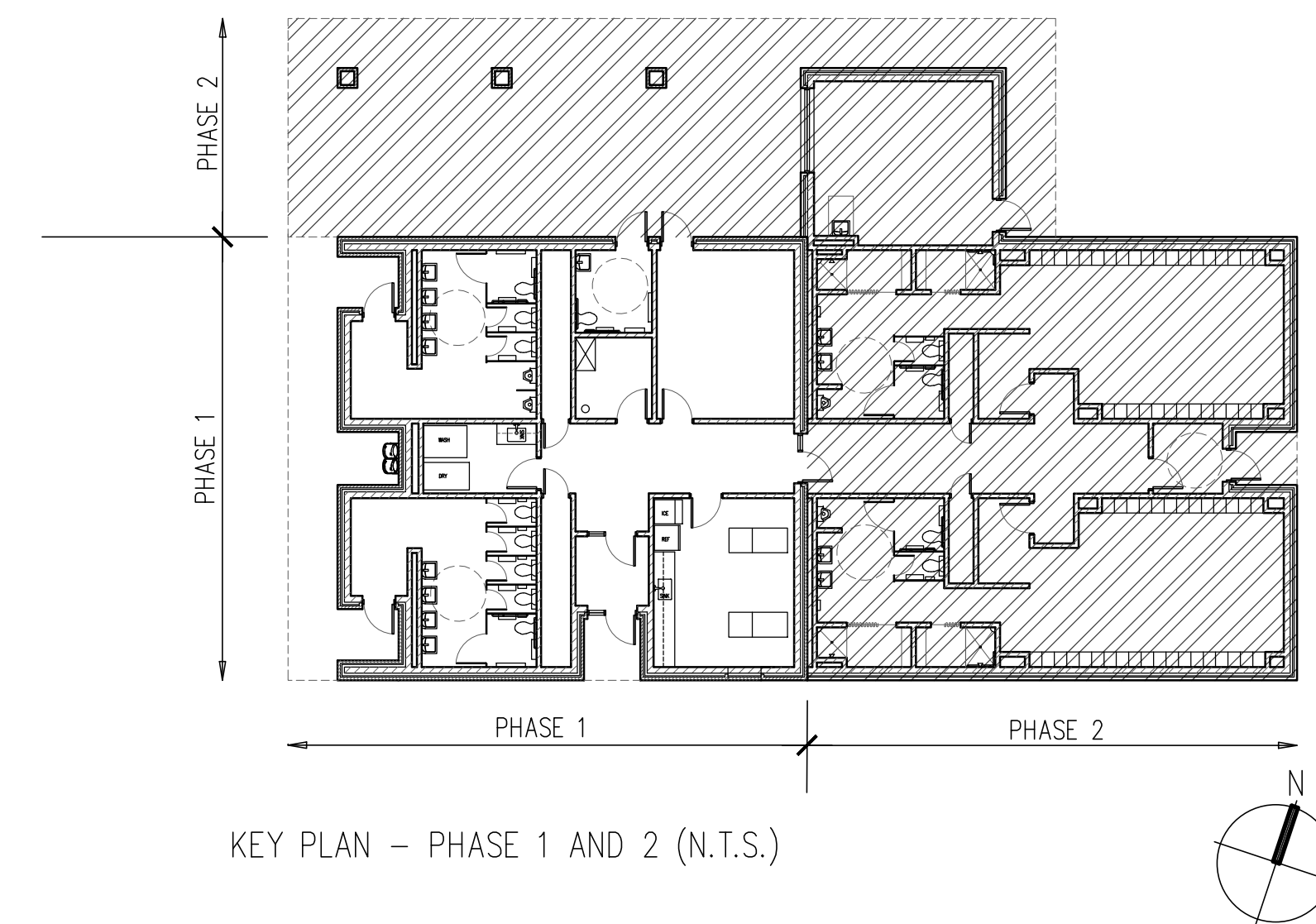


3 SOUTH ELEVATION  
A200 SCALE: 1" = 10'-0"



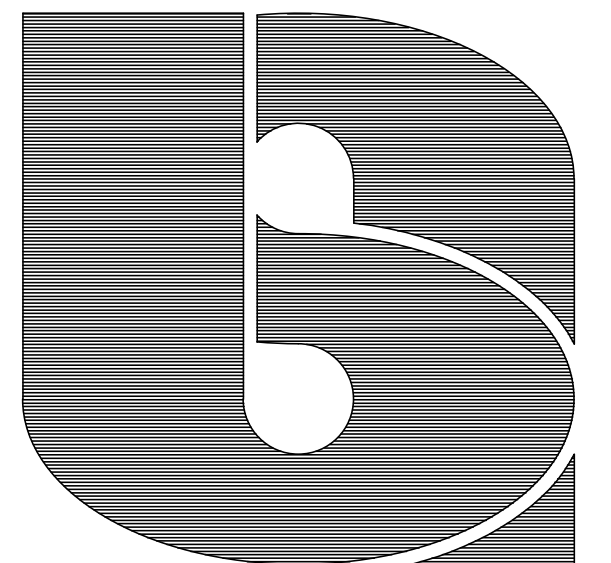
4 EAST ELEVATION  
A200 SCALE: 1" = 10'-0"

KEYED NOTES - SHEET A200	
1	FACE BRICK
2	ASPHALT SHINGLES
3	LINEAR METAL SUSPENDED CEILING
4	STANDING SEAM METAL PANELS
5	6" METAL SQUARE TUBE COLUMNS
6	ROOF TOP UNIT



KEY PLAN - PHASE 1 AND 2 (N.T.S.)

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INCORPORATED  
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Milwaukee, WI 53202  
Phone 414-223-3353  
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MILWAUKEE AREA TECHNICAL COLLEGE  
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700 WEST STATE STREET,  
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MILWAUKEE, WI 53233-1443  
RAY ZUKAUSKAS (414) 297-6593

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OCC BASEBALL  
OUTDOOR RESTROOM  
FACILITY

6665 S. HOWELL AVENUE  
OAK CREEK, WI 53154

PROJECT NUMBER  
23510













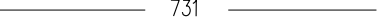















TITLE  
EXTERIOR ELEVATIONS

SHEET NUMBER  
A200

## LIST OF DRAWINGS

- C100) Civil Drawings General Notes and Legend
- C101) Topographic Survey - Sheet 1 of 4
- C102) Topographic Survey - Sheet 2 of 4
- C103) Topographic Survey - Sheet 3 of 4
- C104) Topographic Survey - Sheet 4 of 4
- C110) Erosion Control Plan
- C120) Removal Plan
- C130) Topsoil and Subsoil Stockpile Location Plan
- C200) New Conditions - Site Plan
- C210) New Conditions - Grading Plan
- C220) New Conditions - Storm Sewer Plan with Utilities
- C230) New Conditions - Landscaping Plan
- C300) Storm Water Management Plan
- C500) Details
- C510) Details
- C520) Details

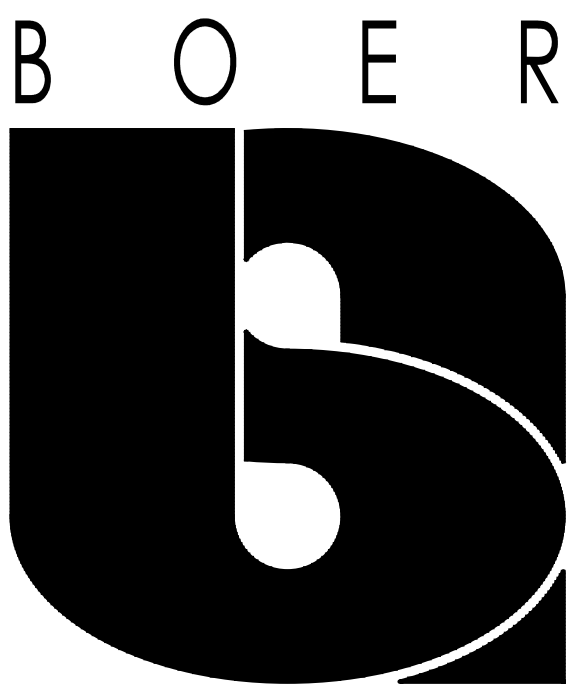
## LEGEND

	EXISTING CONSTRUCTION
	NEW CONSTRUCTION
	PROPERTY LINE
	EXISTING DRAINAGE SWALE
	NEW DRAINAGE SWALE
	EXISTING FENCE
	NEW FENCE
	PAVEMENT STRIPING
	EXISTING BUILDING
	GRADING AND RESTORATION LIMITS
	EXISTING CONTOUR
	NEW CONTOUR
	NEW SPOT ELEVATION - FINISHED GRADE
	EXISTING SPOT ELEVATION
	EXISTING STORM SEWER
	NEW STORM SEWER
	EXISTING ELECTRIC LINE
	EXISTING SANITARY SEWER
	EXISTING GAS LINE
	EXISTING TELEPHONE LINE
	EXISTING FIBER OPTIC LINE
	EXISTING WATER LINE
	EXISTING CABLE TV LINE
	S SIGN
	LP EXISTING LIGHT POLE
	FP EXISTING FLAG POLE
	EXISTING DECIDUOUS TREE
	EXISTING EVERGREEN TREE

## GENERAL PROJECT NOTES

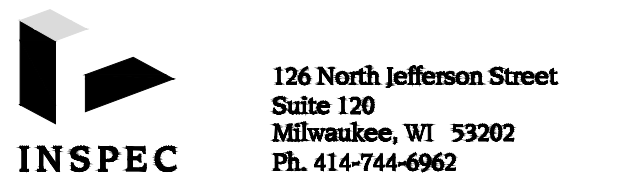
1. VERIFY MEASUREMENTS AND CONDITIONS ON THE PROJECT.
2. REVIEW SPECIFICATIONS FOR INSTRUCTIONS NOT SHOWN ON DRAWINGS.
3. EXISTING AND NEW MATERIALS COMMON TO SEVERAL DETAILS MAY BE NOTED ON ONLY ONE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE WORKING CONDITIONS ON AREAS FOR EMPLOYEES AND OTHER PERSONS AT THE SITE.
5. PROVIDE TYPE III BARRICADES TO COMPLETELY BLOCK EACH PAVEMENT DRIVE, GRAVEL AREAS, AND CONCRETE SIDEWALK AT THE CONSTRUCTION LIMITS. BARRICADES SHALL BE FREE STANDING AND NOT DAMAGE EXISTING PAVEMENT AND CONCRETE. BARRICADES ARE NOT REQUIRED AT GRASS AND LANDSCAPE AREAS.
6. CONTRACTOR TO PROVIDE EMERGENCY VEHICLE ACCESS AT ALL TIMES.
7. CONTRACTOR TO PERFORM ALL CONSTRUCTION STAKING. CONTRACTOR SHALL SET CONTROL POINTS AND BENCHMARKS FOR CONSTRUCTION.

CAUTION: LOCATIONS OF UTILITIES ARE APPROXIMATE ONLY. CONTACT DIGGERS HOTLINE AT 1-800-242-8511 (FOR PUBLIC UTILITIES) PRIOR TO DIGGING. CONTRACTOR SHALL PAY FOR MARKING EXACT LOCATIONS OF PRIVATE UTILITIES. ALL DAMAGED UTILITY LINES WILL BE REPAIRED AND PAID FOR BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND CONFLICT RESOLUTION WITH UTILITY OWNER.



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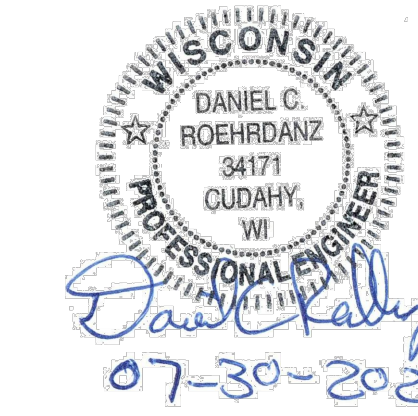
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## SITework DESIGN AND STORM WATER DESIGN ENGINEER:

1. ALL WORK SHOWN FOR SITEWORK AND STORM WATER/STORM SEWER DESIGN (DRAWINGS C100 AND C110 THROUGH C520) WERE DESIGNED BY INSPEC, INC.
2. INSPEC, INC., 126 NORTH JEFFERSON STREET, SUITE 120, MILWAUKEE, WISCONSIN 53202 414-744-6962
3. ENGINEER: DANIEL C ROEHRDANZ, P.E. 414-397-8738 CELL PHONE - DROEHDANZ@INSPEC.COM
4. TOPOGRAPHIC SURVEYING WAS PERFORMED BY CONTINENTAL SURVEYING SERVICES AND LANDTECH SURVEYING AS SHOWN ON DRAWINGS C101 THROUGH C104.



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MATC BID REFERENCE #  
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REVISION DATE

DATE

30 JULY 2024

OCC BASEBALL  
OUTDOOR RESTROOM  
FACILITY

6665 S HOWELL AVENUE  
OAK CREEK, WI 53154

PROJECT NUMBER

23510

TITLE

CIVIL DRAWINGS  
GENERAL NOTES AND  
LEGEND

SHEET NUMBER

C100

LEGAL NOTICE: UNAUTHORIZED REVISIONS, MODIFICATIONS, ALTERATIONS, AND OR MAKING CHANGES OF ANY KIND AND THEN USE AND OR DISTRIBUTION OF THIS MAP CONTINENTAL SURVEYING SERVICES LLC'S NAME OR THE SURVEYOR'S NAME NAMED ON THIS MAP WITHOUT CONSENT MAY BE A FEDERAL OFFENSE IN VIOLATION OF COPYRIGHT AND OR PLAGIARISM LAWS WHICH MAY RESULT IN LEGAL ACTION.

For questions regarding underground utilities contact: **DIGGERS HOTLINE** PHONE: (800) 487-1111 (800) 242-6611

NOTE: Underground Utilities Location of underground utilities are not part of the agreement made between the Surveyor and Client shown on this map, therefore none are shown.

NOTE: Title Policy No Title Policy has been provided AND unless an ALTA/NPS Survey has been ordered this Note shall remain on the face of this map. Without performance of an ALTA/NPS Survey this Plat of Survey does not guarantee the existence, size and location of any easements, encroachments, restrictions or other facts that would otherwise be disclosed in an ALTA/NPS Survey.

Statement of Potential Encroachments: At the time this survey was performed the surveyor visually inspected the subject property and its location has remained the same as shown on the face of the map certain features that appear to be an encroachment or other feature of the subject property that is not shown on the map and the location of said feature or features. These measurements may vary from future measurements due to equipment, leveling, benchmarking, etc. The specific location of the spot, and the physical condition of respective features. Therefore, it is possible that certain measurements may exceed tolerance greater than 0.1 of a foot for measure mentioned. This includes any statements regarding tolerance for the location of any feature shown on this map. PLEASE CALL WITH ANY CONCERN REGARDING THIS STATEMENT.

I HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND IN MY PROFESSIONAL OPINION THIS MAP IS TRUE REPRESENTATION OF THE RECORDS OF DEEDS AS NEARLY AS PRACTICE PERMITS. I HAVE REVIEWED THE RECORDS OF DEEDS AS NEARLY AS PRACTICE PERMITS. I HAVE REVIEWED THE RECORDS OF DEEDS AS NEARLY AS PRACTICE PERMITS. I HAVE REVIEWED THE RECORDS OF DEEDS AS NEARLY AS PRACTICE PERMITS.

Rick R. Hillmann S-3005

Dated this 4th Day of JANUARY, 2021.

CLIENT: Inspire, Inc. 126 N. Jefferson Street Milwaukee, WI. 53202

PROPERTY ADDRESS: 6665 S. Howell Avenue Oak Creek, Wisconsin 53154

PARCEL INFO: TAX KEY NUMBER: 7189961002 PROJECT NO.: 20201119\_STE0001 SERVICE PERFORMED: SITE

CONTINENTAL SURVEYING SERVICES LLC

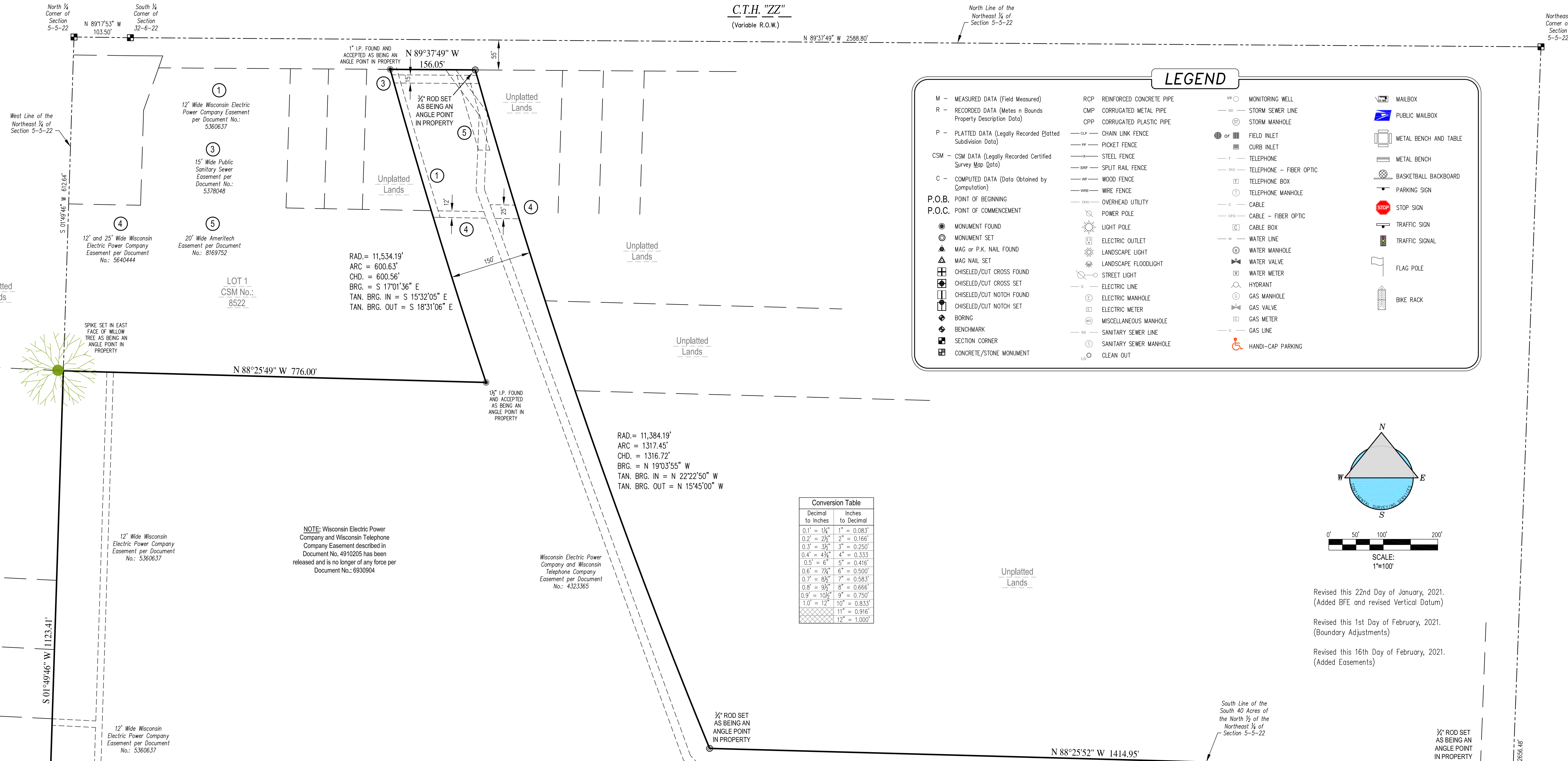
Main Office: 2054 Hwy 115, Suite "A" Richfield, WI. 53076 Phone: (262) 389-9200 Website: www.casurveys.com Email: survey@casurveys.com

PROPERTY DESCRIPTION: (Surveyed As): Part of the Southeast 1/4, Southwest 1/4, and the Northwest 1/4 of the Northeast 1/4, AND part of the Southeast 1/4 of the Northwest 1/4 of Section 5, Township 5 North, Range 22 East, located in the City of Oak Creek, Milwaukee County, Wisconsin bound and described as follows: Commencing at the North 1/2 Corner of said section, thence South 01°49'48" West on and along the West line of said Section, 415.64 feet to the Southwest corner of Certified Survey Map No. 8522, said point is also the Point of Beginning of this description; thence continuing South 01°49'48" West on and along said West line, 1123.41 feet to a point on the South line of the South 1/2 Acres of the North 30 Acres of the South 80 Acres of the Northwest 1/4 of said Section; thence North 87°04'48" West on and along said South line, 303.81 feet to a point on the East Line of Property owned by CMC Real Estate Company, used for Railroad purposes; thence South 03°19'31" East on and along said East line, 813.39 feet to the Northwest Corner of Drainage Canal Right of Way as identified in Certified Survey Map No. 1333, said point is also on the South line of said Northwest 1/4 Section; thence South 87°04'48" East on and along said South Line, 830.71 feet to the Center of said Section; thence South 87°14'13" East on and along the South Line of said Northwest 1/4 Section, 194.83 feet to a point; thence North 02°45'47" East, 132.00 feet to a point; thence South 87°14'13" East and parallel to said South Line, 450.00 feet; thence South 02°45'47" West, 49.90 feet to a point; thence South 87°14'13" East and parallel to said South Line, 203.21 feet to a point that is 60 feet West and measured at a right angle to the East line of said Northwest 1/4 Section; thence North 02°10'10" East and parallel to said East Line, 1244.48 feet to a point on the South Line of the South 1/2 Acres of the North 1/2 of said Northwest 1/4 Section; thence North 88°25'52" West on and along said South Line, 1414.95 feet to a point; thence along the Arc of a Curve now known as "Arc 1" 1317.45 feet, whose Center lies Northeastly, whose Radius is 11,384.19 feet, whose Chord Bears North 19°03'58" West 1316.72 feet to a point on the South Line of C.T.H. "ZZ"; thence North 89°37'49" West on and along said South Line 156.05 feet to a point that is 150 feet West and measured at a right angle to "Arc 1"; thence along the Arc of a Curve and parallel to said "Arc 1" 600.83 feet, whose Center lies Northeastly, whose Radius is 11,334.19 feet, whose Chord Bears South 17°01'36" East, 600.56 feet to the Southeast corner of Certified Survey Map No. 8522; thence North 88°25'49" West on and along the South Line of said Certified Survey Map, 776.00 feet to the Place of Beginning of this description.

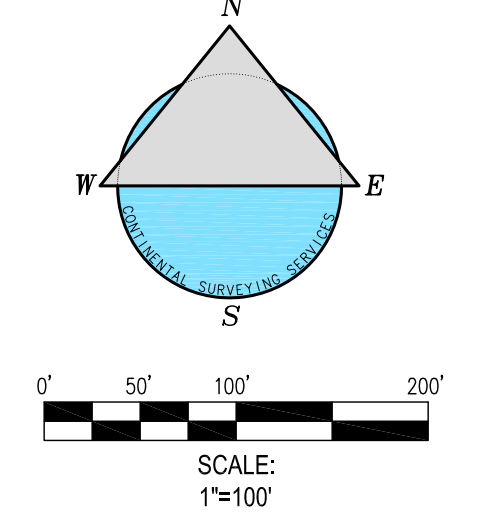


PLAT OF SURVEY

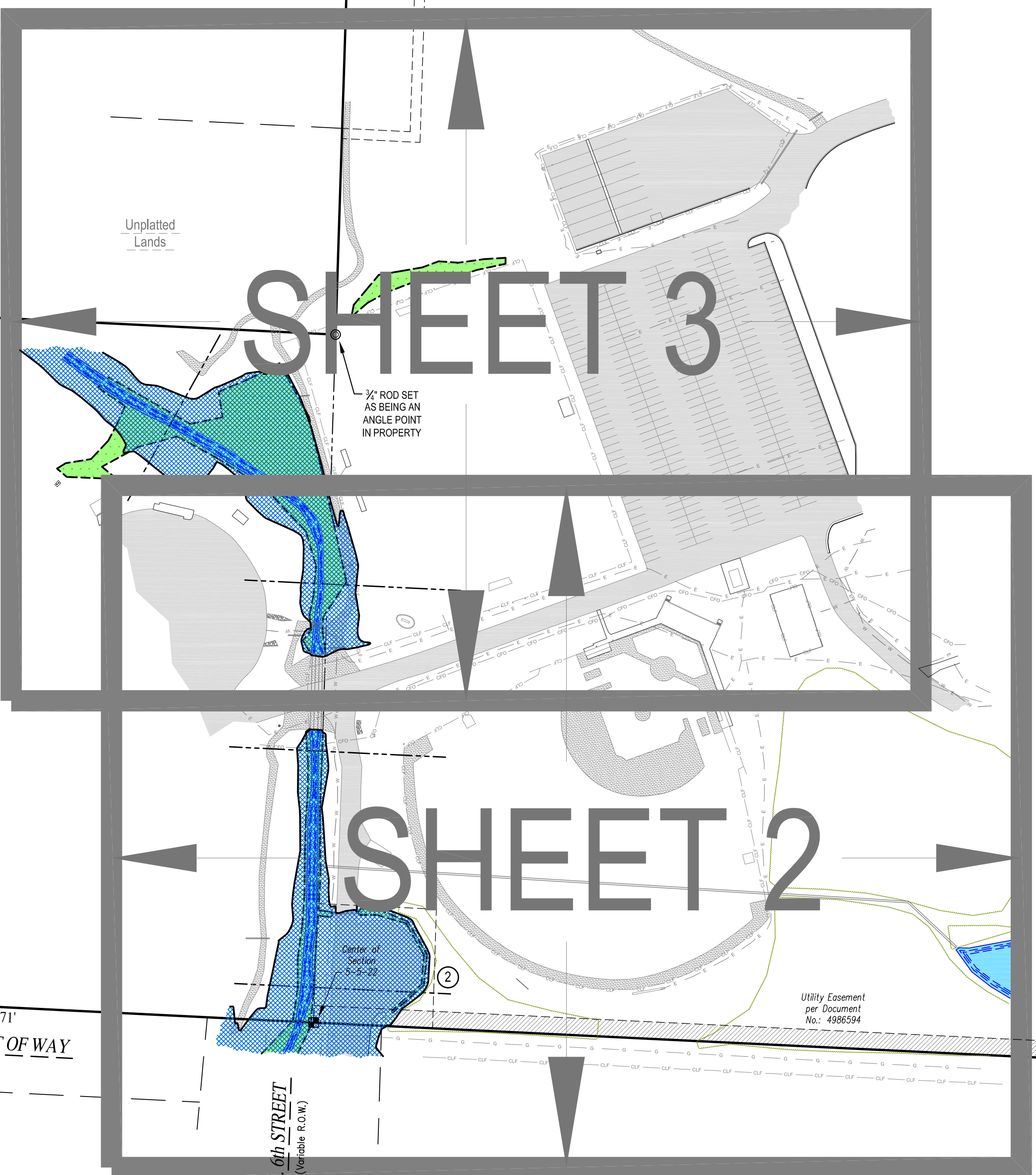
C.T.H. "ZZ" (Variable R.O.W.)



LEGEND table listing symbols for various features like measured data, recorded data, plat data, CSM data, computed data, monument found, mag nail set, chiseled/cut cross set, chiseled/cut notch set, boring, benchmark, section corner, concrete/stone monument, reinforced concrete pipe, corrugated metal pipe, chain link fence, steel fence, split rail fence, wire fence, overhead utility, power pole, light pole, electric outlet, landscape light, street light, electric line, electric manhole, electric meter, miscellaneous manhole, sanitary sewer manhole, clean out, monitoring well, storm sewer line, storm manhole, field inlet, curb inlet, telephone, telephone box, telephone manhole, cable, fiber optic, cable box, water line, water manhole, water valve, water meter, hydrant, gas manhole, gas valve, gas meter, gas line, handi-cap parking, mailbox, public mailbox, metal bench and table, metal bench, basketball backboard, parking sign, stop sign, traffic sign, traffic signal, flag pole, bike rack.



Conversion Table showing Decimal to Inches and Inches to Decimal conversions for various measurements.



SHEET 3

SHEET 2

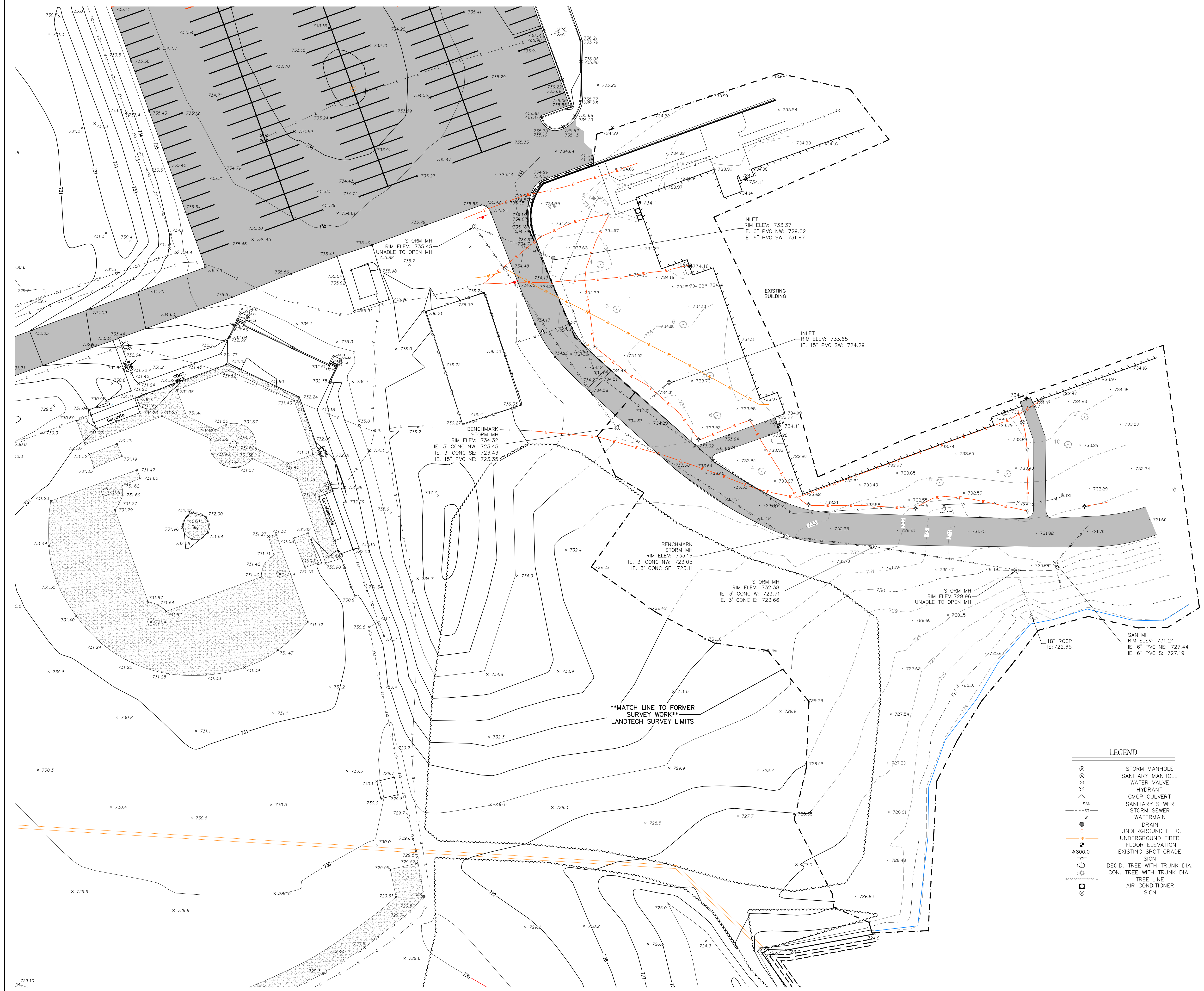
DRAINAGE CHANNEL RIGHT OF WAY (Variable R.O.W.)

PARCEL 4 CSM No.: 1333





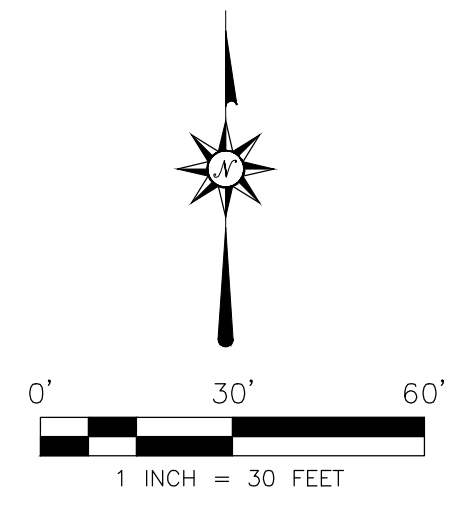
TOPOGRAPHIC SURVEY



- NOTES:**
- THE UNDERGROUND UTILITIES AS SHOWN ON THIS SURVEY ARE SHOWN PER DIGGER'S HOTLINE MARKINGS AND/OR UTILITY PLANS PROVIDED. THE SURVEYOR DOES NOT CERTIFY OR GUARANTEE THE EXACT LOCATIONS OF THE UTILITIES. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION AND/OR A PRIVATE UTILITY LOCATE REQUEST MAY BE NECESSARY.
  - VERTICAL DATUM IS NAVD 88 (GEOID 12A)

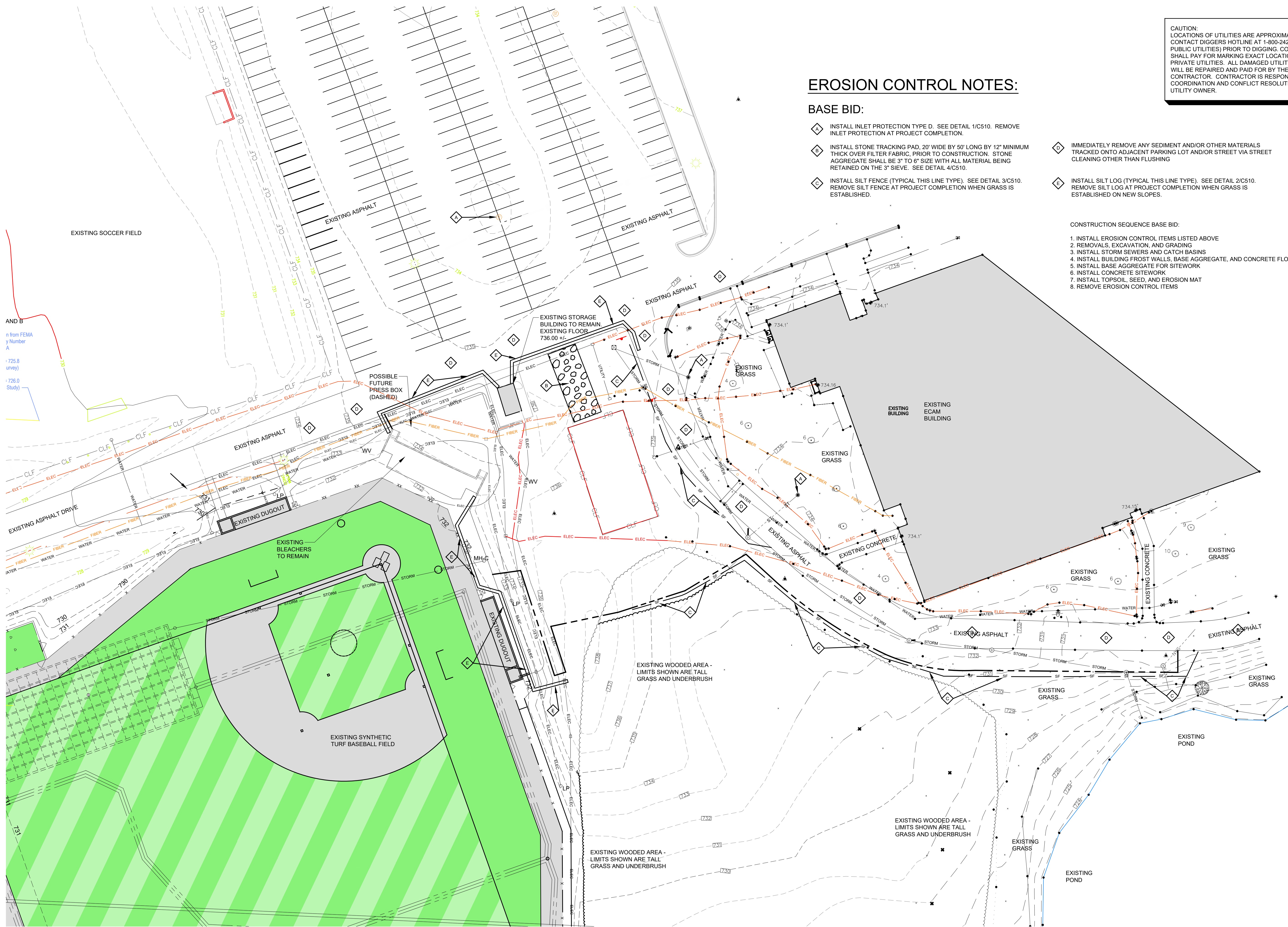
**LEGEND**

⊙	STORM MANHOLE
⊗	SANITARY MANHOLE
⊕	WATER VALVE
⊖	HYDRANT
⊘	CMP/CULVERT
⊙	SANITARY SEWER
⊙	STORM SEWER
⊙	WATERMAIN
⊙	DRAIN
⊙	UNDERGROUND ELEC.
⊙	UNDERGROUND FIBER
⊙	FLOOR ELEVATION
⊙	EXISTING SPOT GRADE
⊙	SIGN
⊙	DECID. TREE WITH TRUNK DIA.
⊙	CON. TREE WITH TRUNK DIA.
⊙	TREE LINE
⊙	AIR CONDITIONER
⊙	SIGN



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 111 W. SECOND STREET  
 OGDON, WISCONSIN 53066  
 WWW.LANDTECHWI.COM  
 (262) 367-7599

CLIENT	INSPEC, INC.
PROJ. NAME	MATC
LAYOUT NAME	TOPOGRAPHIC SURVEY
SHEET NO.	SHEET 1 OF 1
DATE	06/04/2024
REVISION	
REVISION	
REVISION	
REVISION	
DRAWN BY	LJS
CHECKED BY	JDD
JOB NO.	24096
DRAWING	24096_SURVEY.DWG



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**EROSION CONTROL NOTES:**

**BASE BID:**

- A** INSTALL INLET PROTECTION TYPE D. SEE DETAIL 1/C510. REMOVE INLET PROTECTION AT PROJECT COMPLETION.
- B** INSTALL STONE TRACKING PAD, 20' WIDE BY 50' LONG BY 12" MINIMUM THICK OVER FILTER FABRIC, PRIOR TO CONSTRUCTION. STONE AGGREGATE SHALL BE 3" TO 6" SIZE WITH ALL MATERIAL BEING RETAINED ON THE 3" SIEVE. SEE DETAIL 4/C510.
- C** INSTALL SILT FENCE (TYPICAL THIS LINE TYPE). SEE DETAIL 3/C510. REMOVE SILT FENCE AT PROJECT COMPLETION WHEN GRASS IS ESTABLISHED.
- D** IMMEDIATELY REMOVE ANY SEDIMENT AND/OR OTHER MATERIALS TRACKED ONTO ADJACENT PARKING LOT AND/OR STREET VIA STREET CLEANING OTHER THAN FLUSHING
- E** INSTALL SILT LOG (TYPICAL THIS LINE TYPE). SEE DETAIL 2/C510. REMOVE SILT LOG AT PROJECT COMPLETION WHEN GRASS IS ESTABLISHED ON NEW SLOPES.

- CONSTRUCTION SEQUENCE BASE BID:
1. INSTALL EROSION CONTROL ITEMS LISTED ABOVE
  2. REMOVALS, EXCAVATION, AND GRADING
  3. INSTALL STORM SEWERS AND CATCH BASINS
  4. INSTALL BUILDING FROST WALLS, BASE AGGREGATE, AND CONCRETE FLOOR
  5. INSTALL BASE AGGREGATE FOR SITEWORK
  6. INSTALL CONCRETE SITEWORK
  7. INSTALL TOPSOIL, SEED, AND EROSION MAT
  8. REMOVE EROSION CONTROL ITEMS

AND B  
 n from FEMA  
 y Number  
 A  
 +725.8  
 (urvey)  
 +726.0  
 Study)



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 INCORPORATED**  
 1123 North Water St  
 Milwaukee, WI 53202  
 Phone 414-223-3353  
 Fax 414-223-3348  
 E-mail www.boerarch.com

**INSPEC**  
 126 North Jefferson Street  
 Suite 120  
 Milwaukee, WI 53202  
 Ph. 414-744-6962  
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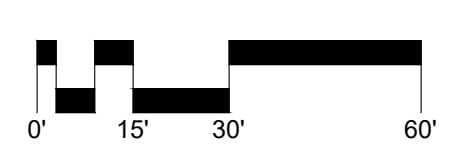
OCC BASEBALL  
 OUTDOOR RESTROOM  
 FACILITY

6665 S HOWELL AVENUE  
 OAK CREEK, WI 53154

PROJECT NUMBER  
 23510

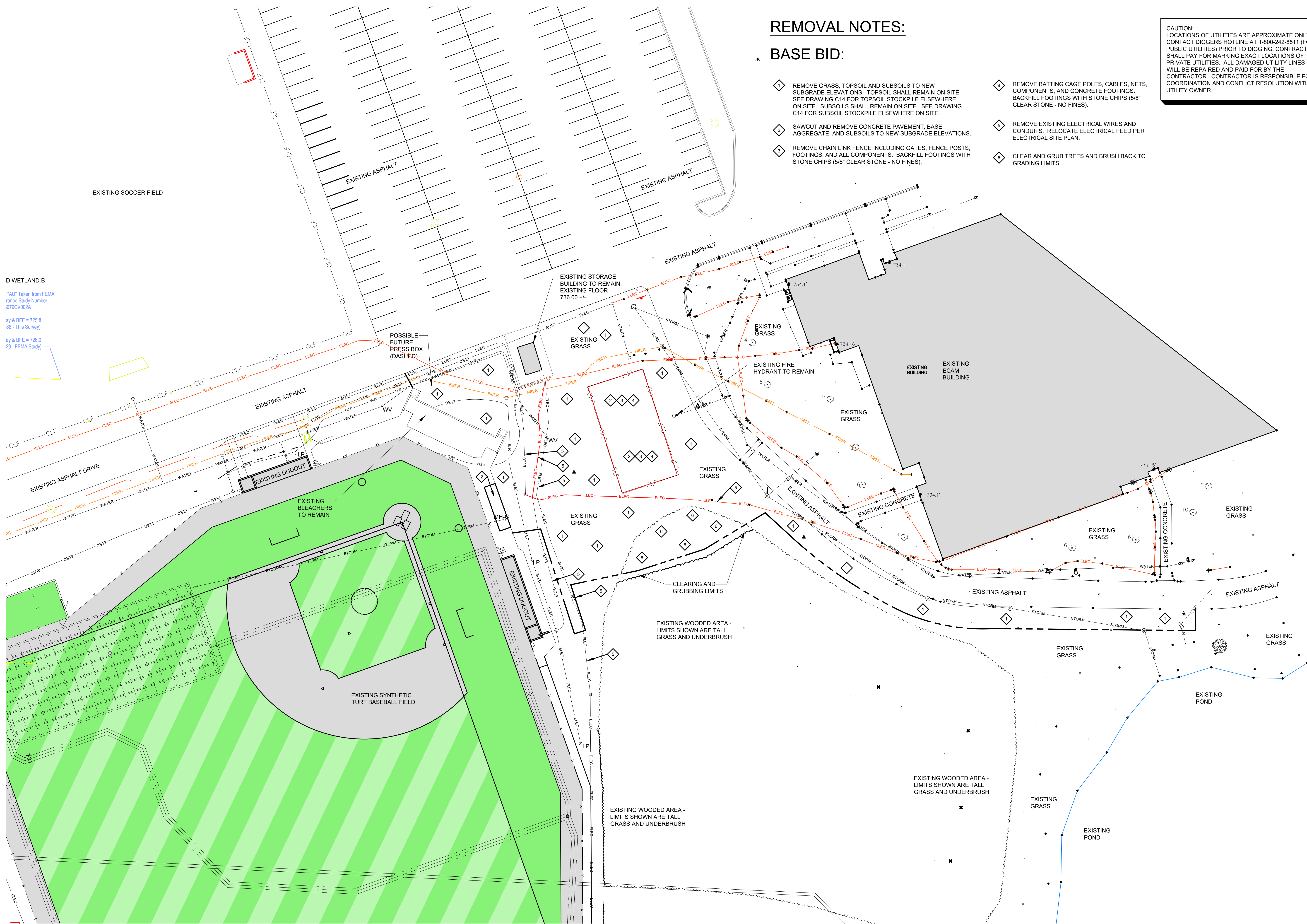
TITLE  
 EROSION CONTROL  
 PLAN

SHEET NUMBER  
 C110



**OUTDOOR RESTROOM FACILITY  
 EROSION CONTROL PLAN**  
 SCALE = 1" = 30'-0"





**REMOVAL NOTES:**

**BASE BID:**

- 1 REMOVE GRASS, TOPSOIL AND SUBSOILS TO NEW SUBGRADE ELEVATIONS. TOPSOIL SHALL REMAIN ON SITE. SEE DRAWING C14 FOR TOPSOIL STOCKPILE ELSEWHERE ON SITE. SUBSOILS SHALL REMAIN ON SITE. SEE DRAWING C14 FOR SUBSOIL STOCKPILE ELSEWHERE ON SITE.
- 2 SAWCUT AND REMOVE CONCRETE PAVEMENT, BASE AGGREGATE, AND SUBSOILS TO NEW SUBGRADE ELEVATIONS.
- 3 REMOVE CHAIN LINK FENCE INCLUDING GATES, FENCE POSTS, FOOTINGS, AND ALL COMPONENTS. BACKFILL FOOTINGS WITH STONE CHIPS (5/8" CLEAR STONE - NO FINES).
- 4 REMOVE BATTING CAGE POLES, CABLES, NETS, COMPONENTS, AND CONCRETE FOOTINGS. BACKFILL FOOTINGS WITH STONE CHIPS (5/8" CLEAR STONE - NO FINES).
- 5 REMOVE EXISTING ELECTRICAL WIRES AND CONDUITS. RELOCATE ELECTRICAL FEED PER ELECTRICAL SITE PLAN.
- 6 CLEAR AND GRUB TREES AND BRUSH BACK TO GRADING LIMITS

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D WETLAND B  
 "AU" Taken from FEMA  
 Flood Study Number  
 0793CV002A  
 ay & BFE = 725.8  
 68 - This Survey)  
 ay & BFE = 726.0  
 29 - FEMA Study)



ARCHITECTS  
 INCORPORATED  
 1123 North Water St  
 Milwaukee, WI 53202  
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 OUTDOOR RESTROOM  
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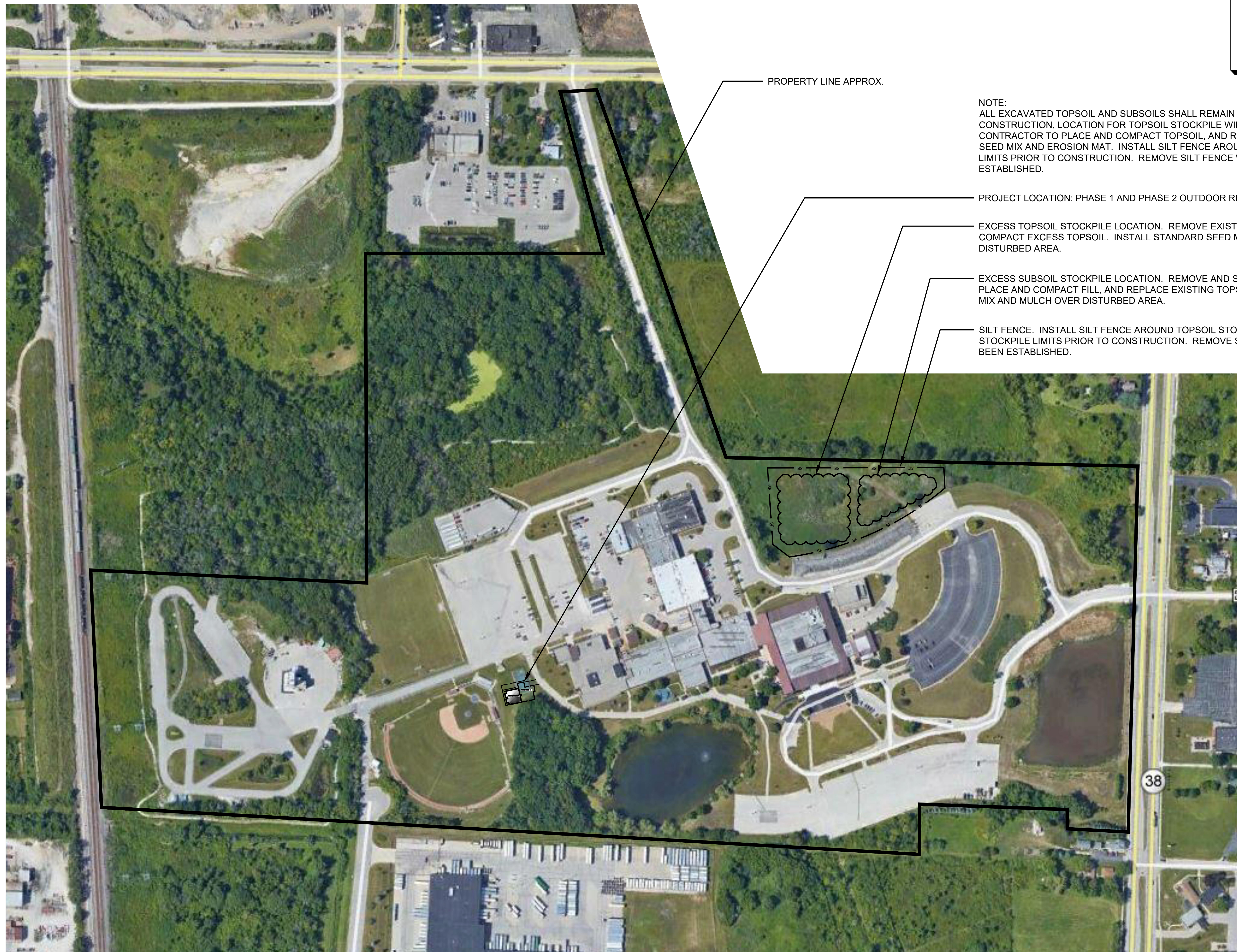
6665 S HOWELL AVENUE  
 OAK CREEK, WI 53154

PROJECT NUMBER  
 23510

TITLE  
 REMOVAL PLAN

SHEET NUMBER  
 C120

OUTDOOR RESTROOM FACILITY  
 REMOVAL PLAN  
 SCALE = 1" = 30'-0"



CAUTION:  
 LOCATIONS OF UTILITIES ARE APPROXIMATE ONLY.  
 CONTACT DIGGERS HOTLINE AT 1-800-242-8511 (FOR  
 PUBLIC UTILITIES) PRIOR TO DIGGING. CONTRACTOR  
 SHALL PAY FOR MARKING EXACT LOCATIONS OF  
 PRIVATE UTILITIES. ALL DAMAGED UTILITY LINES  
 WILL BE REPAIRED AND PAID FOR BY THE  
 CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR  
 COORDINATION AND CONFLICT RESOLUTION WITH  
 UTILITY OWNER.

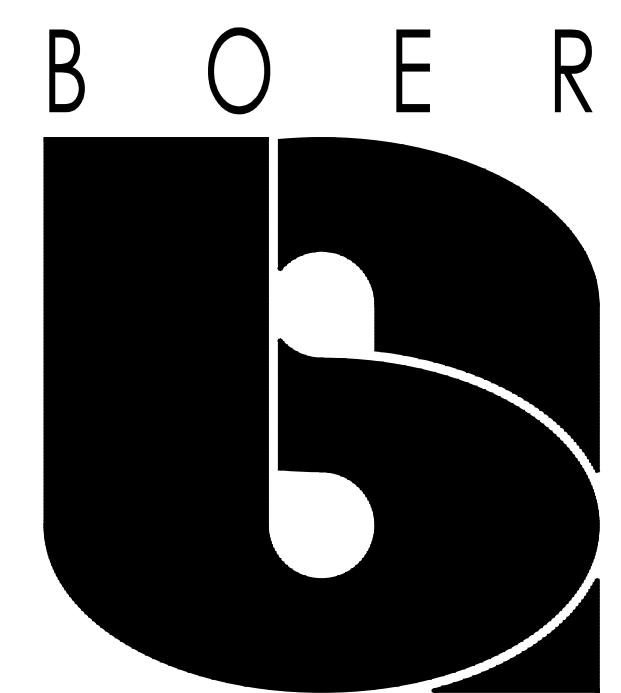
NOTE:  
 ALL EXCAVATED TOPSOIL AND SUBSOILS SHALL REMAIN ON SITE. PRIOR TO  
 CONSTRUCTION, LOCATION FOR TOPSOIL STOCKPILE WILL BE IDENTIFIED BY MATC.  
 CONTRACTOR TO PLACE AND COMPACT TOPSOIL, AND RESTORE WITH STANDARD  
 SEED MIX AND EROSION MAT. INSTALL SILT FENCE AROUND TOPSOIL STOCKPILE  
 LIMITS PRIOR TO CONSTRUCTION. REMOVE SILT FENCE WHEN GRASS HAS BEEN  
 ESTABLISHED.

PROJECT LOCATION: PHASE 1 AND PHASE 2 OUTDOOR RESTROOM FACILITY BUILDING

EXCESS TOPSOIL STOCKPILE LOCATION. REMOVE EXISTING GRASS AND PLACE AND  
 COMPACT EXCESS TOPSOIL. INSTALL STANDARD SEED MIX AND MULCH OVER  
 DISTURBED AREA.

EXCESS SUBSOIL STOCKPILE LOCATION. REMOVE AND STOCKPILE EXISTING TOPSOIL.  
 PLACE AND COMPACT FILL, AND REPLACE EXISTING TOPSOIL. INSTALL STANDARD SEED  
 MIX AND MULCH OVER DISTURBED AREA.

SILT FENCE. INSTALL SILT FENCE AROUND TOPSOIL STOCKPILE AND SUBSOIL  
 STOCKPILE LIMITS PRIOR TO CONSTRUCTION. REMOVE SILT FENCE WHEN GRASS HAS  
 BEEN ESTABLISHED.



ARCHITECTS  
 INCORPORATED  
 1123 North Water St  
 Milwaukee, WI 53202  
 Phone 414-223-3353  
 Fax 414-223-3348  
 E-mail www.boerarch.com

**INSPEC**  
 126 North Jefferson Street  
 Suite 120  
 Milwaukee, WI 53202  
 Ph. 414-744-6962  
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PLAN COMMISSION  
 SUBMITTAL – NOT FOR  
 CONSTRUCTION

MATC BID REFERENCE #  
 MATC PROJECT #2023319.02

REVISION DATE

DATE  
 30 JULY 2024

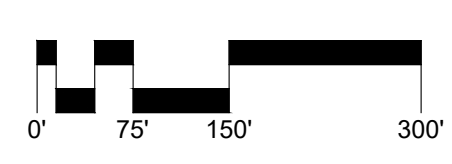
OCC BASEBALL  
 OUTDOOR RESTROOM  
 FACILITY

6665 S HOWELL AVENUE  
 OAK CREEK, WI 53154

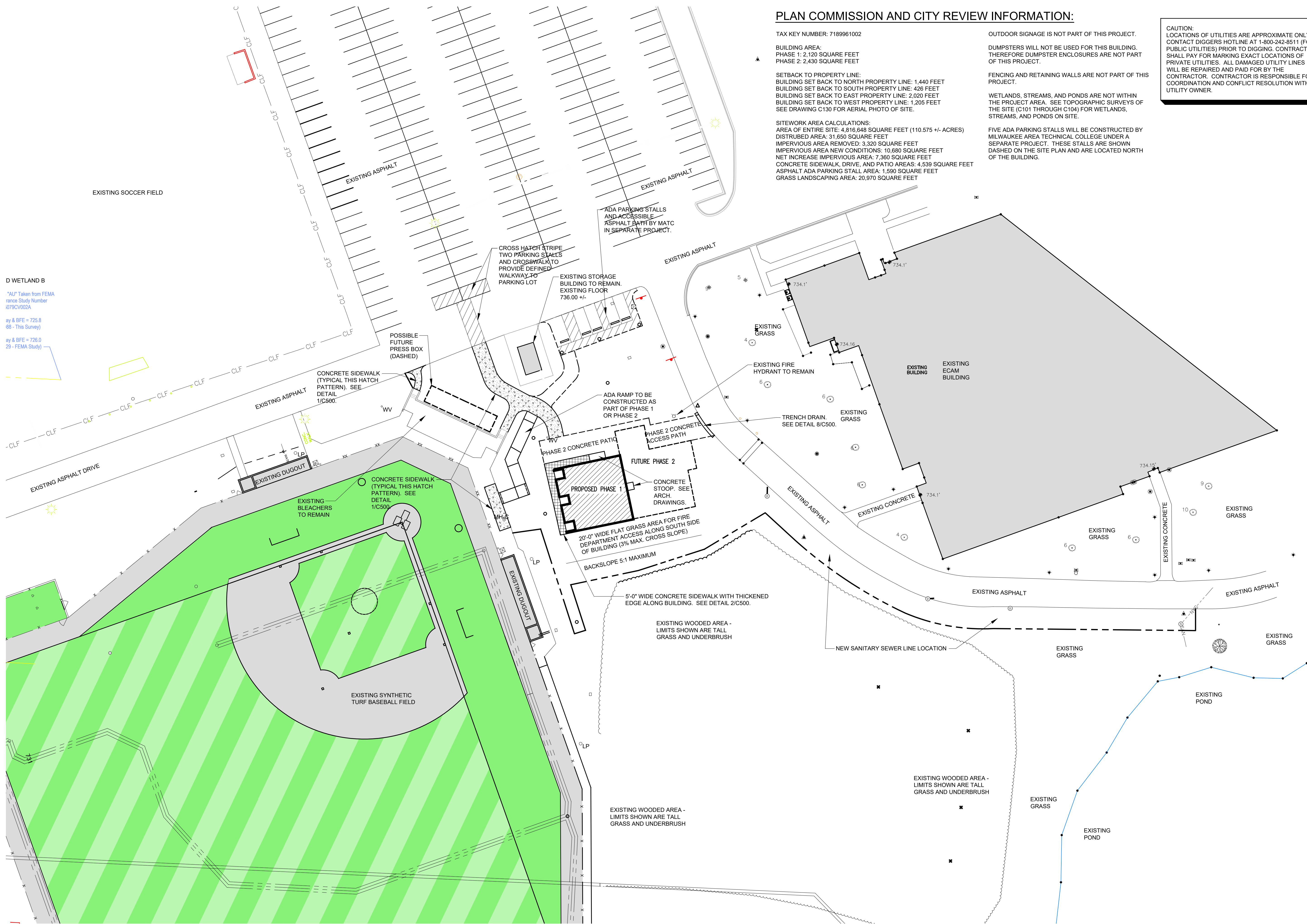
PROJECT NUMBER  
 23510

TITLE  
 TOPSOIL AND SUBSOIL  
 STOCKPILE LOCATION  
 PLAN

SHEET NUMBER  
 C130



TOPSOIL AND SUBSOIL  
 STOCKPILE LOCATION PLAN  
 SCALE = 1" = 150'-0" APPROXIMATE



**PLAN COMMISSION AND CITY REVIEW INFORMATION:**

TAX KEY NUMBER: 7189961002

BUILDING AREA:  
 PHASE 1: 2,120 SQUARE FEET  
 PHASE 2: 2,430 SQUARE FEET

SETBACK TO PROPERTY LINE:  
 BUILDING SET BACK TO NORTH PROPERTY LINE: 1,440 FEET  
 BUILDING SET BACK TO SOUTH PROPERTY LINE: 426 FEET  
 BUILDING SET BACK TO EAST PROPERTY LINE: 2,020 FEET  
 BUILDING SET BACK TO WEST PROPERTY LINE: 1,205 FEET  
 SEE DRAWING C130 FOR AERIAL PHOTO OF SITE.

SITWORK AREA CALCULATIONS:  
 AREA OF ENTIRE SITE: 4,816,848 SQUARE FEET (110.575 +/- ACRES)  
 DISTURBED AREA: 31,650 SQUARE FEET  
 IMPERVIOUS AREA REMOVED: 3,320 SQUARE FEET  
 IMPERVIOUS AREA NEW CONDITIONS: 10,680 SQUARE FEET  
 NET INCREASE IMPERVIOUS AREA: 7,360 SQUARE FEET  
 CONCRETE SIDEWALK, DRIVE, AND PATIO AREAS: 4,539 SQUARE FEET  
 ASPHALT ADA PARKING STALL AREA: 1,590 SQUARE FEET  
 GRASS LANDSCAPING AREA: 20,970 SQUARE FEET

OUTDOOR SIGNAGE IS NOT PART OF THIS PROJECT.

DUMPSTERS WILL NOT BE USED FOR THIS BUILDING. THEREFORE DUMPSTER ENCLOSURES ARE NOT PART OF THIS PROJECT.

FENCING AND RETAINING WALLS ARE NOT PART OF THIS PROJECT.

WETLANDS, STREAMS, AND PONDS ARE NOT WITHIN THE PROJECT AREA. SEE TOPOGRAPHIC SURVEYS OF THE SITE (C101 THROUGH C104) FOR WETLANDS, STREAMS, AND PONDS ON SITE.

FIVE ADA PARKING STALLS WILL BE CONSTRUCTED BY MILWAUKEE AREA TECHNICAL COLLEGE UNDER A SEPARATE PROJECT. THESE STALLS ARE SHOWN DASHED ON THE SITE PLAN AND ARE LOCATED NORTH OF THE BUILDING.

CAUTION:  
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D WETLAND B  
 \*AU\* Taken from FEMA  
 rance Study Number  
 #079CV002A  
 ay & BFE = 725.8  
 69 - This Survey)  
 ay & BFE = 726.0  
 29 - FEMA Study)



**ARCHITECTS  
 INCORPORATED**  
 1123 North Water St  
 Milwaukee, WI 53202  
 Phone 414-223-3353  
 Fax 414-223-3348  
 E-mail www.boerarch.com

**INSPEC**  
 126 North Jefferson Street  
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 Milwaukee, WI 53202  
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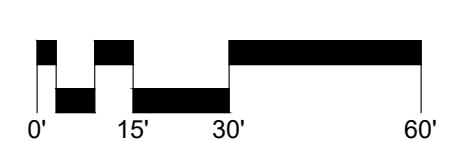
OCC BASEBALL  
 OUTDOOR RESTROOM  
 FACILITY

6665 S HOWELL AVENUE  
 OAK CREEK, WI 53154

PROJECT NUMBER  
 23510

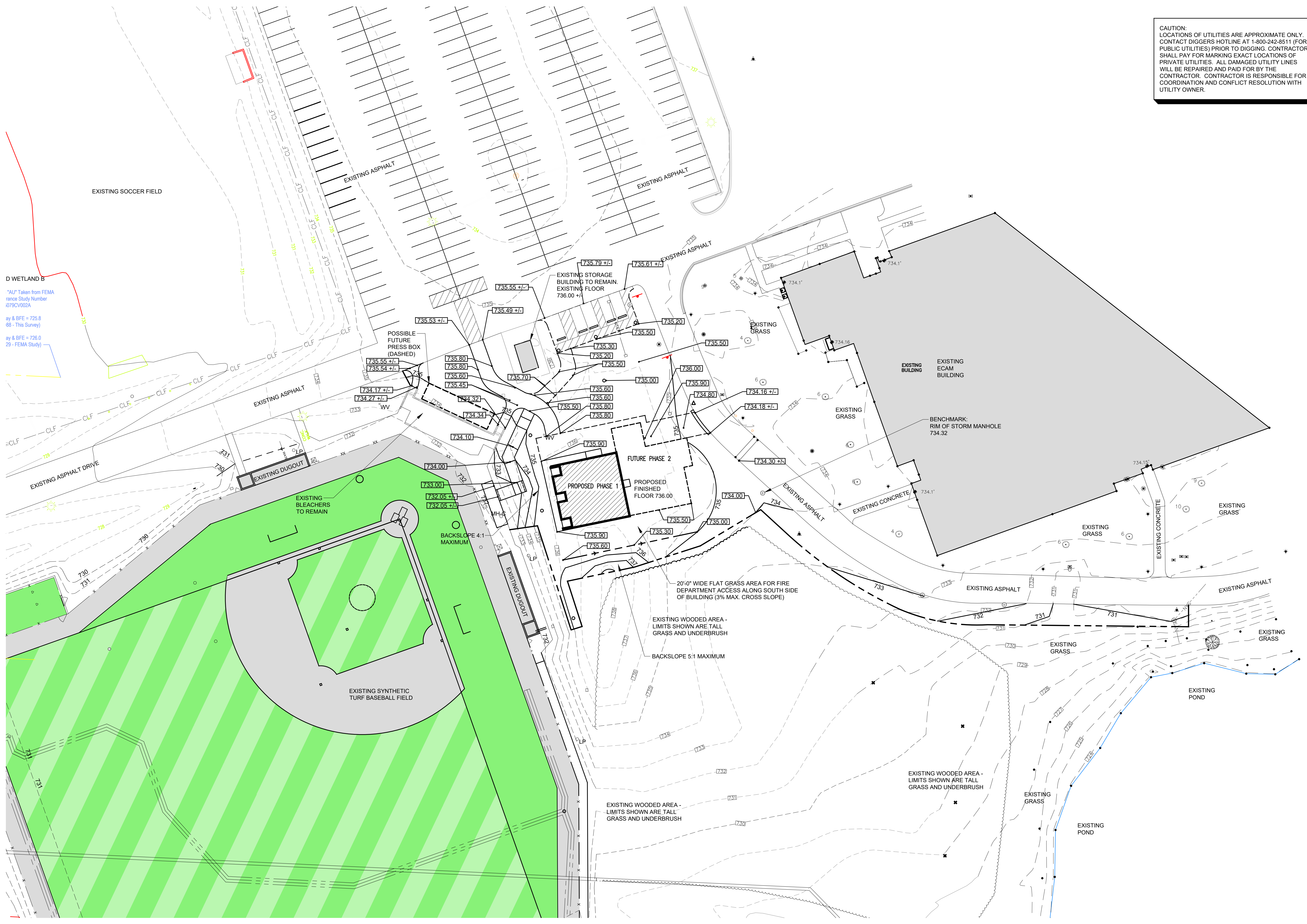
TITLE  
 NEW CONDITIONS -  
 SITE PLAN

SHEET NUMBER  
 C200

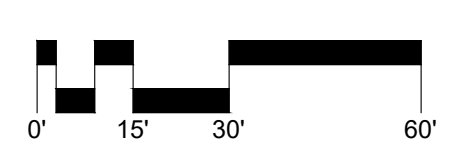


**OUTDOOR RESTROOM FACILITY  
 NEW CONDITIONS - SITE PLAN**  
 SCALE = 1" = 30'-0"

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OUTDOOR RESTROOM FACILITY  
 NEW CONDITIONS - GRADING PLAN  
 SCALE = 1" = 30'-0"



ARCHITECTS  
 INCORPORATED  
 1123 North Water St  
 Milwaukee, WI 53202  
 Phone 414-223-3353  
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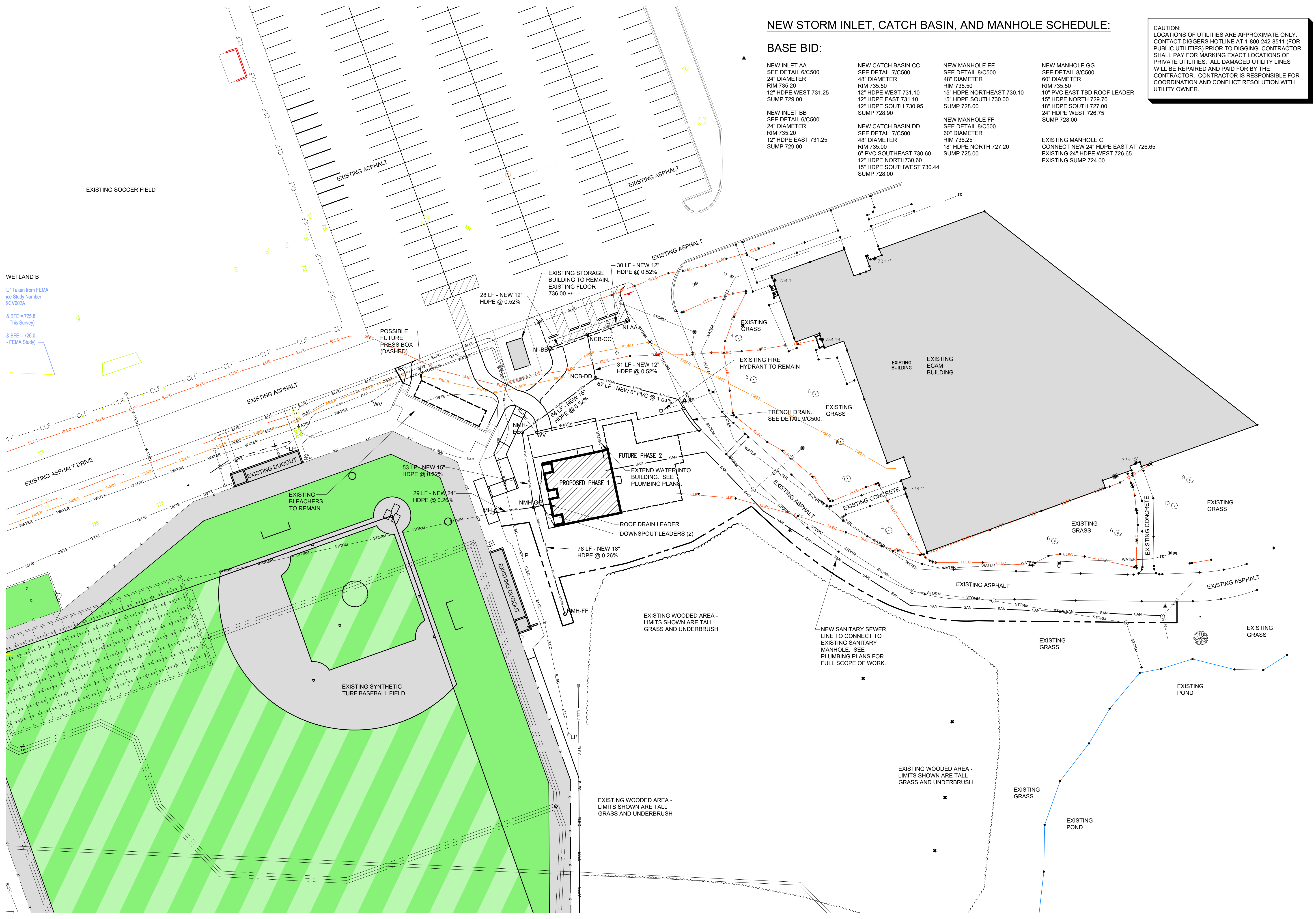
OCC BASEBALL  
 OUTDOOR RESTROOM  
 FACILITY

6665 S HOWELL AVENUE  
 OAK CREEK, WI 53154

PROJECT NUMBER  
 23510

TITLE  
 NEW CONDITIONS -  
 GRADING PLAN

SHEET NUMBER  
 C210



**NEW STORM INLET, CATCH BASIN, AND MANHOLE SCHEDULE:**

**BASE BID:**

<p><b>NEW INLET AA</b> SEE DETAIL 6/C500 24" DIAMETER RIM 735.20 12" HDPE WEST 731.25 SUMP 729.00</p> <p><b>NEW INLET BB</b> SEE DETAIL 6/C500 24" DIAMETER RIM 735.20 12" HDPE EAST 731.25 SUMP 729.00</p>	<p><b>NEW CATCH BASIN CC</b> SEE DETAIL 7/C500 48" DIAMETER RIM 735.50 12" HDPE WEST 731.10 12" HDPE EAST 731.10 12" HDPE SOUTH 730.95 SUMP 728.90</p> <p><b>NEW CATCH BASIN DD</b> SEE DETAIL 7/C500 48" DIAMETER RIM 735.00 6" PVC SOUTHEAST 730.60 12" HDPE NORTH 730.60 15" HDPE SOUTHWEST 730.44 SUMP 728.00</p>	<p><b>NEW MANHOLE EE</b> SEE DETAIL 8/C500 48" DIAMETER RIM 735.50 15" HDPE NORTHEAST 730.10 15" HDPE SOUTH 730.00 SUMP 728.00</p> <p><b>NEW MANHOLE FF</b> SEE DETAIL 8/C500 60" DIAMETER RIM 736.25 18" HDPE NORTH 727.20 SUMP 725.00</p>	<p><b>NEW MANHOLE GG</b> SEE DETAIL 8/C500 60" DIAMETER 10" PVC EAST TBD ROOF LEADER 15" HDPE NORTH 729.70 18" HDPE SOUTH 727.00 24" HDPE WEST 726.75 SUMP 728.00</p> <p><b>EXISTING MANHOLE C</b> CONNECT NEW 24" HDPE EAST AT 726.65 EXISTING 24" HDPE WEST 726.65 EXISTING SUMP 724.00</p>
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**WETLAND B**  
JL\* Taken from FEMA  
Ice Study Number  
9CV002A  
& BFE = 725.8  
- This Survey  
& BFE = 726.0  
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**ARCHITECTS  
INCORPORATED**  
1123 North Water St  
Milwaukee, WI 53202  
Phone 414-223-3353  
Fax 414-223-3348  
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126 North Jefferson Street  
Suite 120  
Milwaukee, WI 53202  
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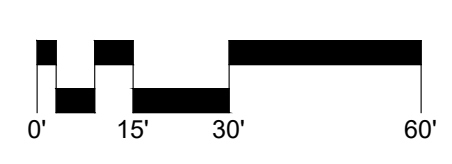
**OCC BASEBALL  
OUTDOOR RESTROOM  
FACILITY**

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OAK CREEK, WI 53154

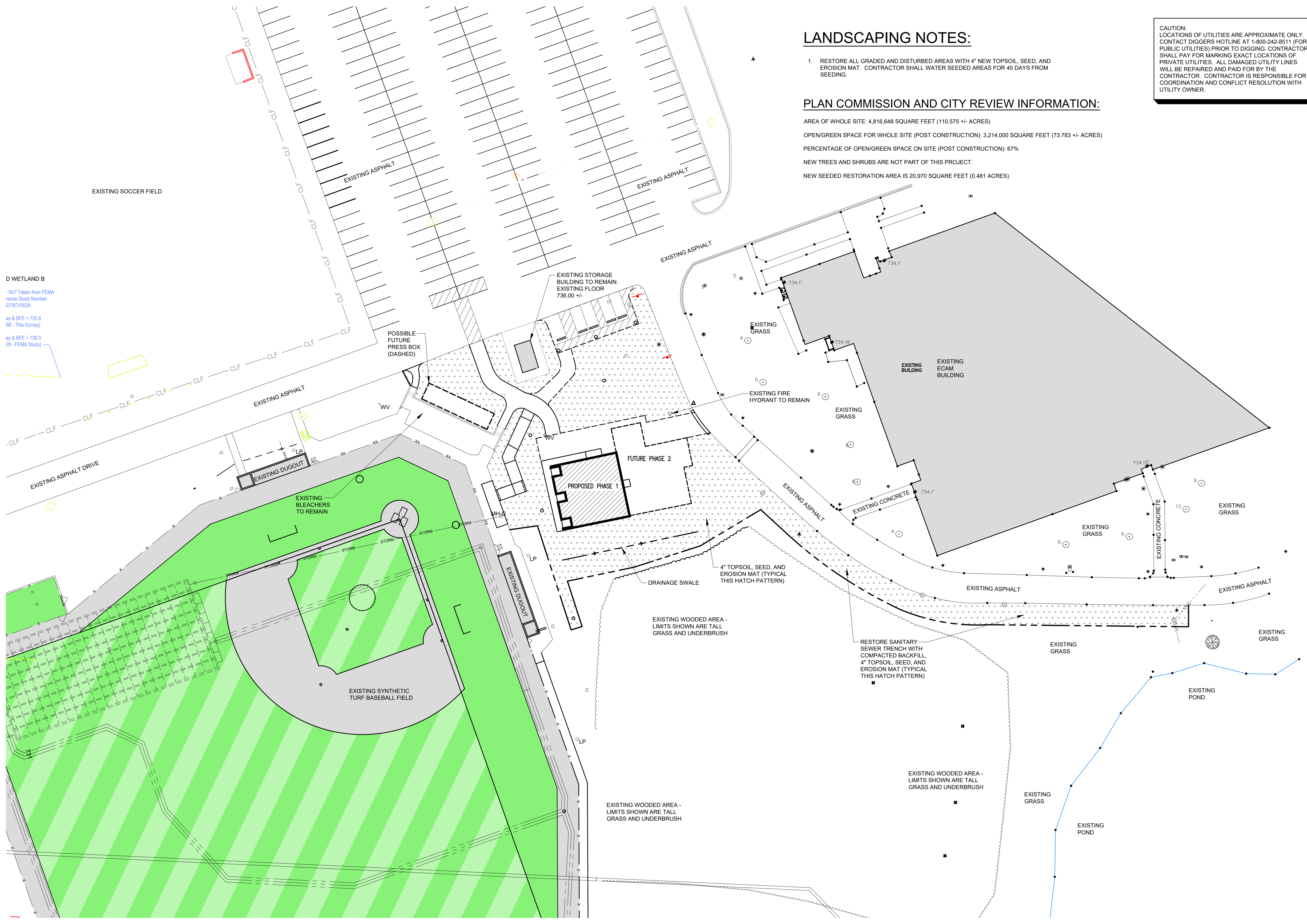
**PROJECT NUMBER**  
23510

**TITLE**  
NEW CONDITIONS -  
STORM SEWER PLAN  
WITH UTILITIES

**SHEET NUMBER**  
C220



**OUTDOOR RESTROOM FACILITY  
NEW CONDITIONS - STORM SEWER PLAN**  
SCALE = 1" = 30'-0"



**LANDSCAPING NOTES:**

- RESTORE ALL GRADED AND DISTURBED AREAS WITH 4" NEW TOPSOIL, SEED, AND EROSION MAT. CONTRACTOR SHALL WATER SEEDED AREAS FOR 45 DAYS FROM SEEDING.

**PLAN COMMISSION AND CITY REVIEW INFORMATION:**

AREA OF WHOLE SITE: 4,816,648 SQUARE FEET (110.575 +/- ACRES)  
 OPEN/GREEN SPACE FOR WHOLE SITE (POST CONSTRUCTION): 3,214,000 SQUARE FEET (73.783 +/- ACRES)  
 PERCENTAGE OF OPEN/GREEN SPACE ON SITE (POST CONSTRUCTION): 67%  
 NEW TREES AND SHRUBS ARE NOT PART OF THIS PROJECT.  
 NEW SEEDED RESTORATION AREA IS 20,970 SQUARE FEET (0.481 ACRES)

CAUTION: LOCATIONS OF UTILITIES ARE APPROXIMATE ONLY. CONTACT DIGGERS HOTLINE AT 1-800-242-8511 (FOR PUBLIC UTILITIES) PRIOR TO DIGGING. CONTRACTOR SHALL PAY FOR MARKING EXACT LOCATIONS OF PRIVATE UTILITIES. ALL DAMAGED UTILITY LINES WILL BE REPAIRED AND PAID FOR BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND CONFLICT RESOLUTION WITH UTILITY OWNER.

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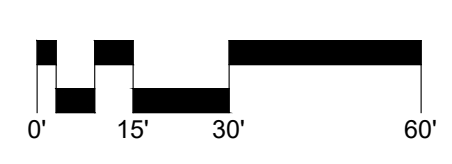
OCC BASEBALL  
 OUTDOOR RESTROOM  
 FACILITY

6665 S HOWELL AVENUE  
 OAK CREEK, WI 53154

PROJECT NUMBER  
 23510

TITLE  
 NEW CONDITIONS -  
 LANDSCAPE PLAN

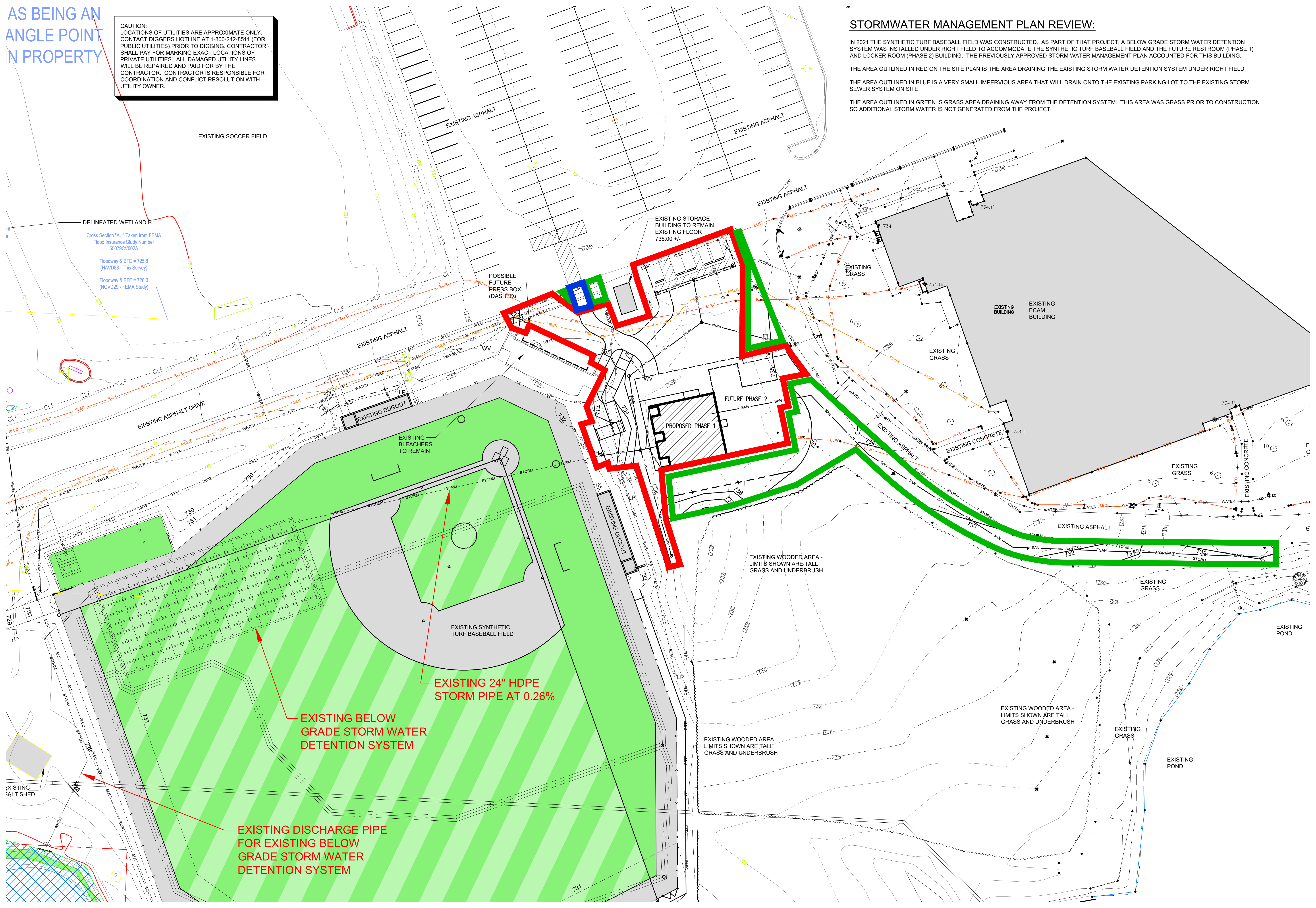
SHEET NUMBER  
 C230



OUTDOOR RESTROOM FACILITY  
 NEW CONDITIONS - LANDSCAPING PLAN  
 SCALE = 1" = 30'-0"

AS BEING AN  
ANGLE POINT  
IN PROPERTY

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**STORMWATER MANAGEMENT PLAN REVIEW:**

IN 2021 THE SYNTHETIC TURF BASEBALL FIELD WAS CONSTRUCTED. AS PART OF THAT PROJECT, A BELOW GRADE STORM WATER DETENTION SYSTEM WAS INSTALLED UNDER RIGHT FIELD TO ACCOMMODATE THE SYNTHETIC TURF BASEBALL FIELD AND THE FUTURE RESTROOM (PHASE 1) AND LOCKER ROOM (PHASE 2) BUILDING. THE PREVIOUSLY APPROVED STORM WATER MANAGEMENT PLAN ACCOUNTED FOR THIS BUILDING.

THE AREA OUTLINED IN RED ON THE SITE PLAN IS THE AREA DRAINING THE EXISTING STORM WATER DETENTION SYSTEM UNDER RIGHT FIELD.

THE AREA OUTLINED IN BLUE IS A VERY SMALL IMPERVIOUS AREA THAT WILL DRAIN ONTO THE EXISTING PARKING LOT TO THE EXISTING STORM SEWER SYSTEM ON SITE.

THE AREA OUTLINED IN GREEN IS GRASS AREA DRAINING AWAY FROM THE DETENTION SYSTEM. THIS AREA WAS GRASS PRIOR TO CONSTRUCTION SO ADDITIONAL STORM WATER IS NOT GENERATED FROM THE PROJECT.



ARCHITECTS  
INCORPORATED  
1123 North Water St  
Milwaukee, WI 53202  
Phone 414-223-3353  
Fax 414-223-3348  
E-mail www.boerarch.com



126 North Jefferson Street  
Suite 120  
Milwaukee, WI 53202  
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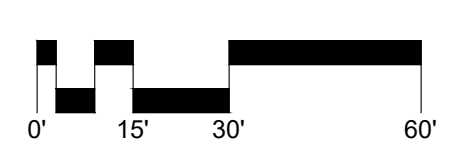
OCC BASEBALL  
OUTDOOR RESTROOM  
FACILITY

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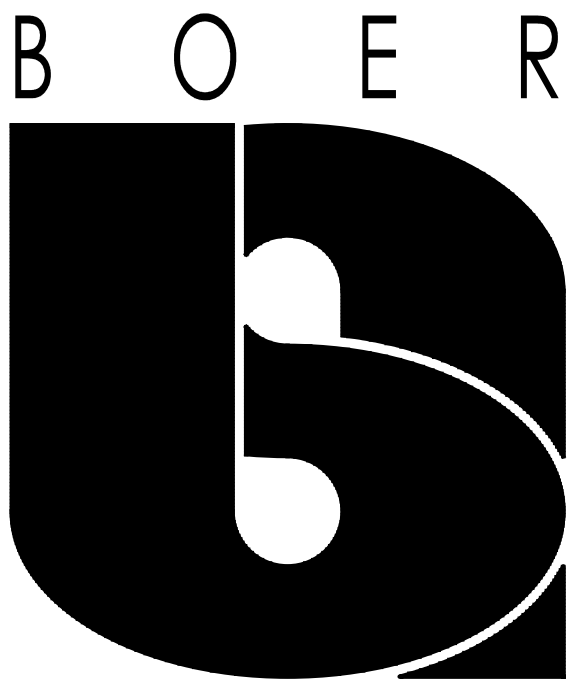
PROJECT NUMBER  
23510

TITLE  
STORM WATER  
MANAGEMENT  
PLAN

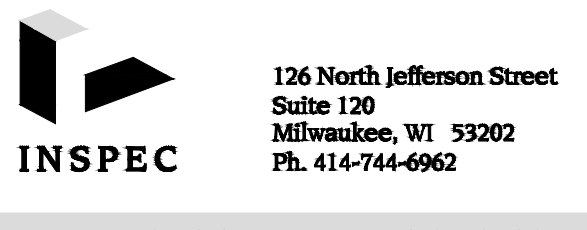
SHEET NUMBER  
C300



OUTDOOR RESTROOM FACILITY  
STORM WATER MANAGEMENT PLAN  
SCALE = 1" = 30'-0"

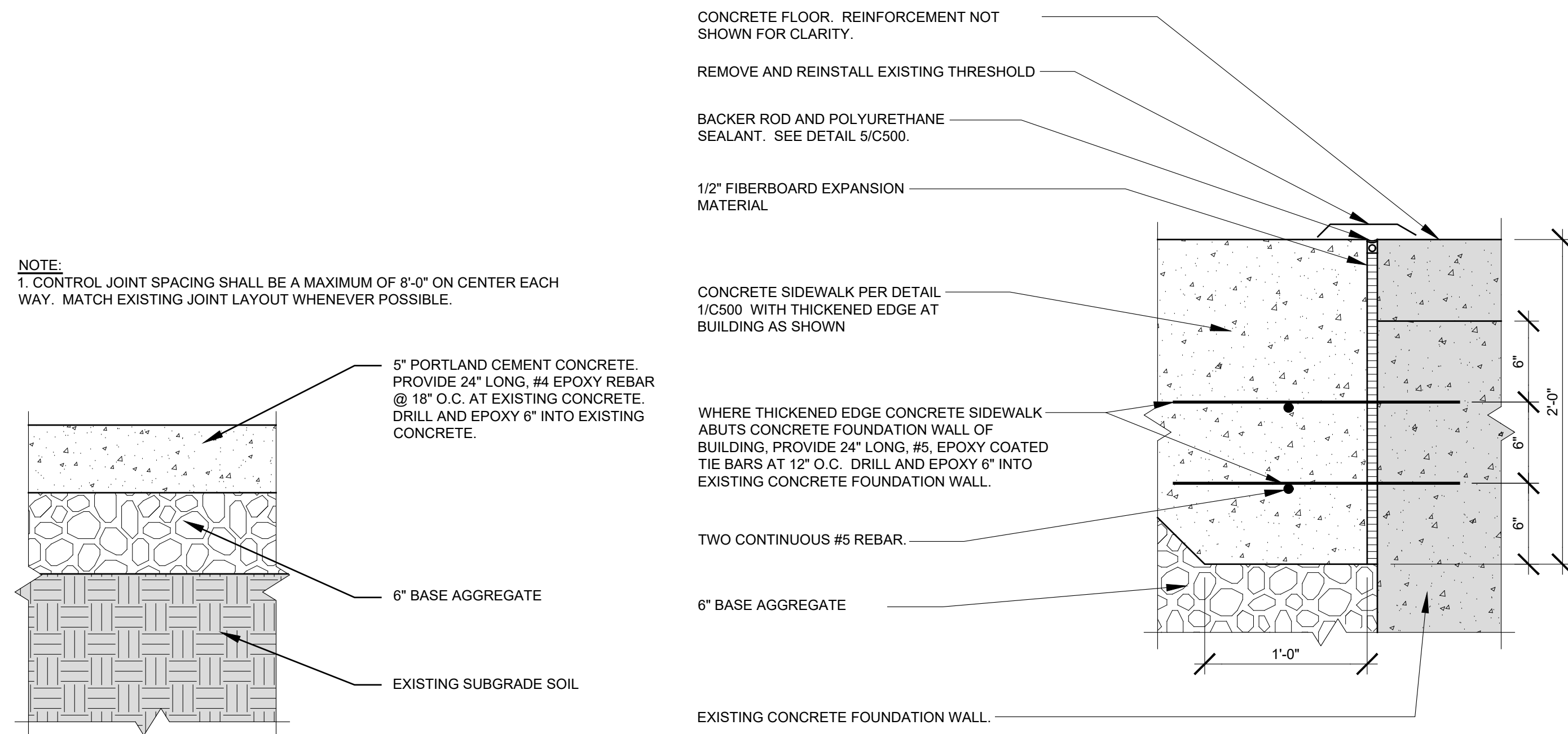


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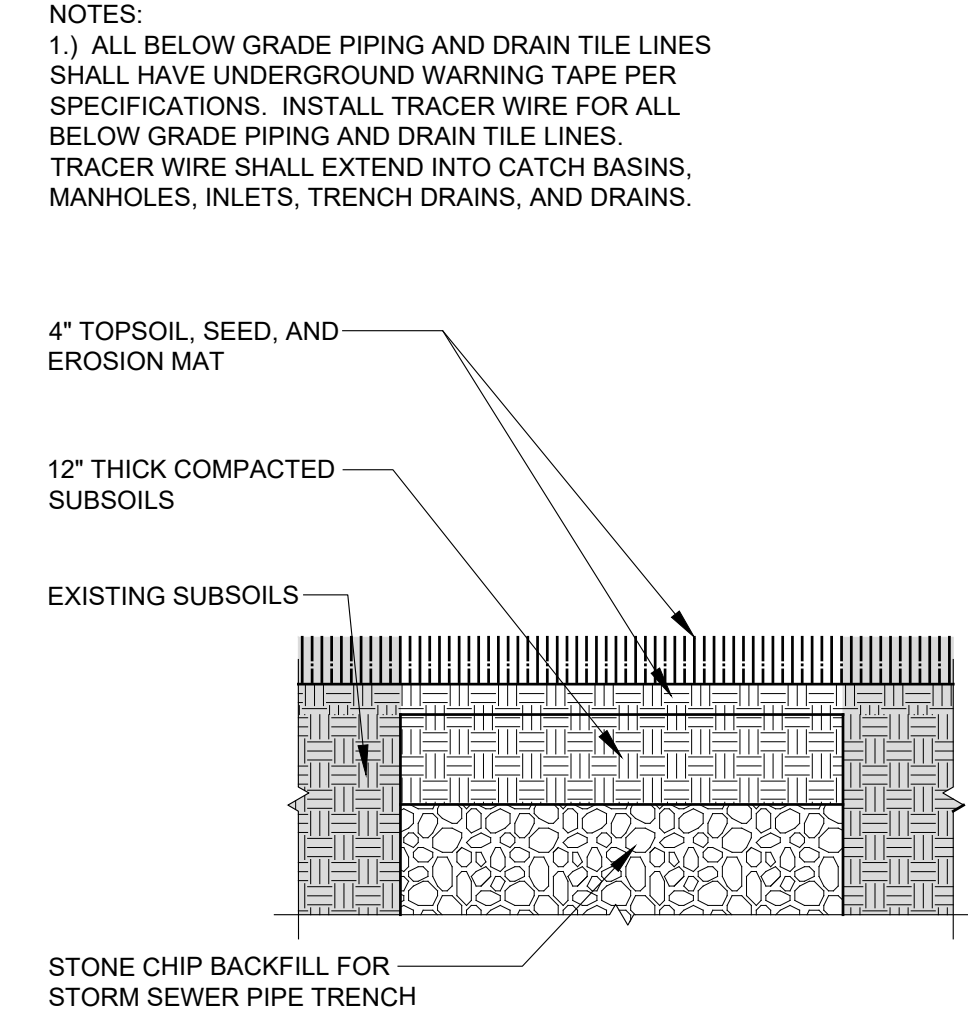
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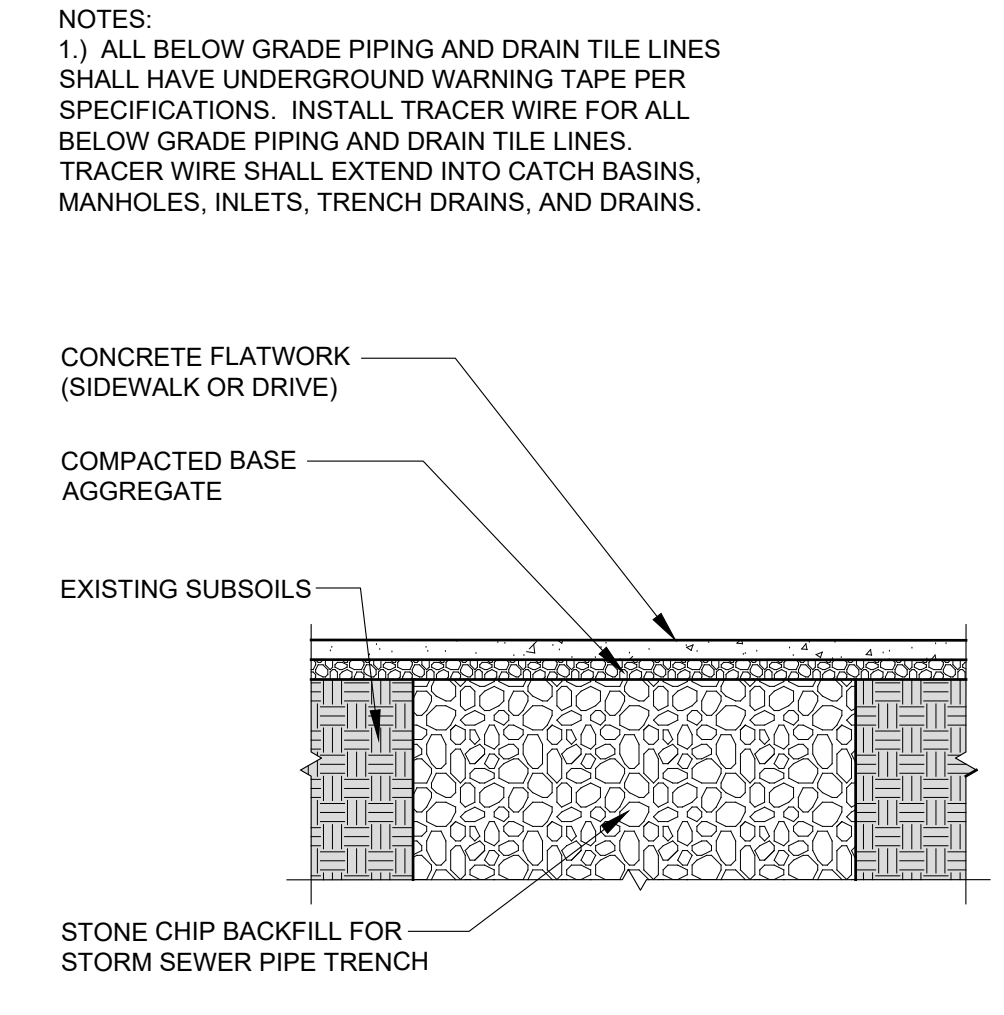


1 CONCRETE SIDEWALK DETAIL  
C500 NO SCALE TYPICAL

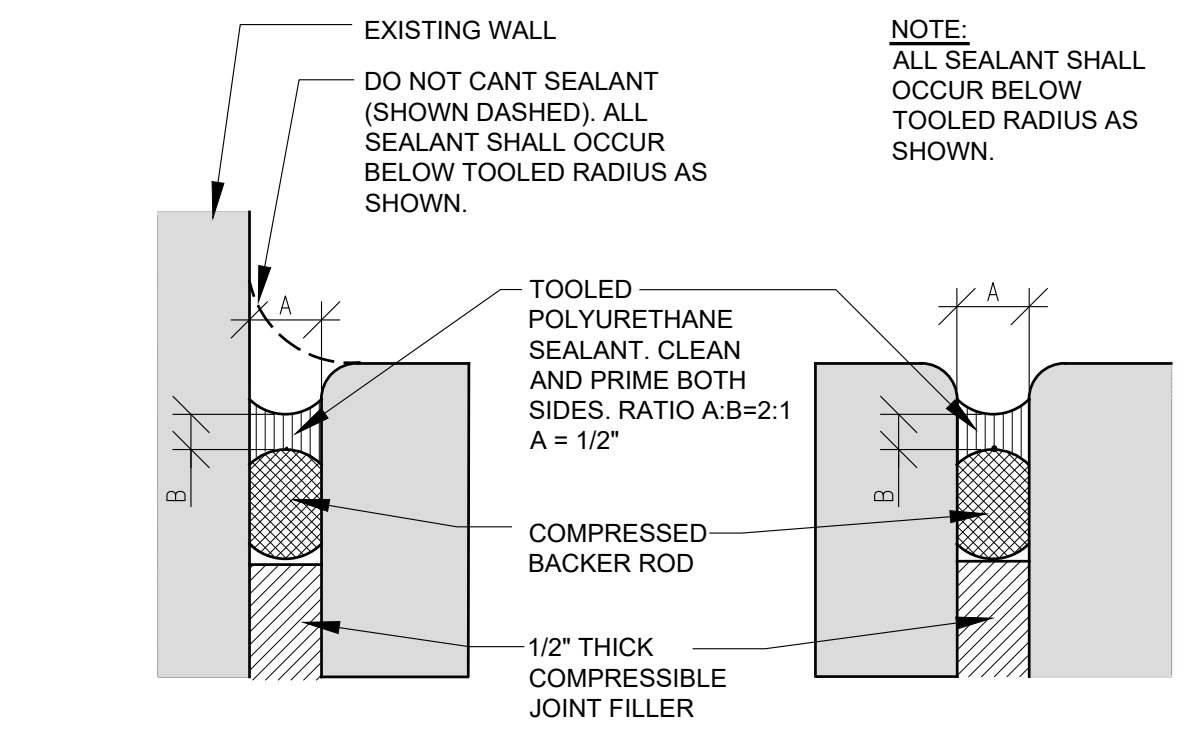
2 CONCRETE SIDEWALK WITH THICKENED EDGE ALONG BUILDING  
C500 NO SCALE TYPICAL



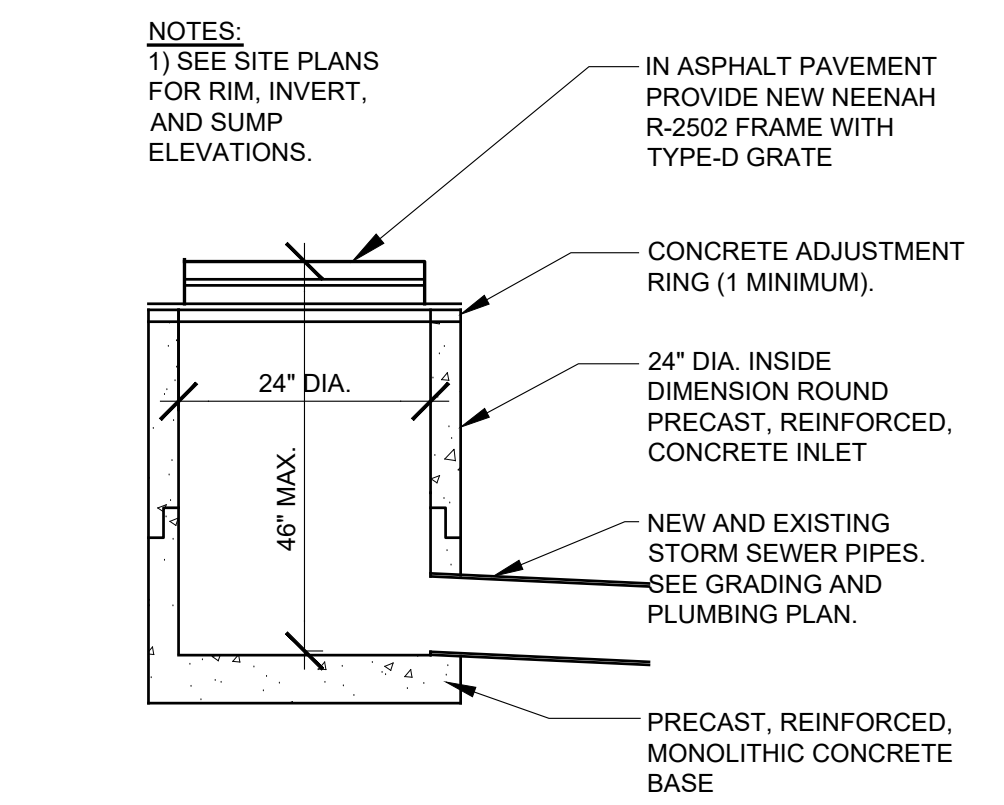
3 STORM SEWER BACKFILL UNDER GRASS AREAS  
C500 NO SCALE TYPICAL



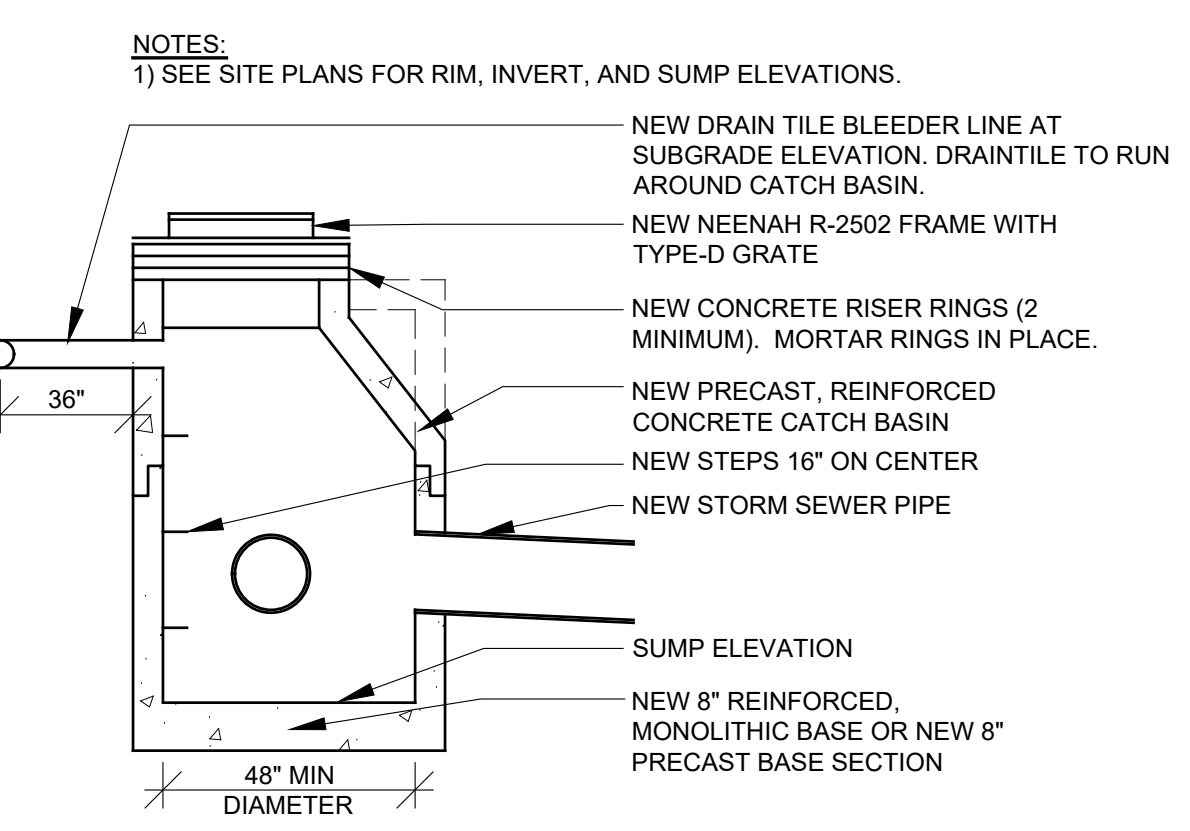
4 STORM SEWER BACKFILL UNDER CONCRETE FLATWORK  
C500 NO SCALE TYPICAL



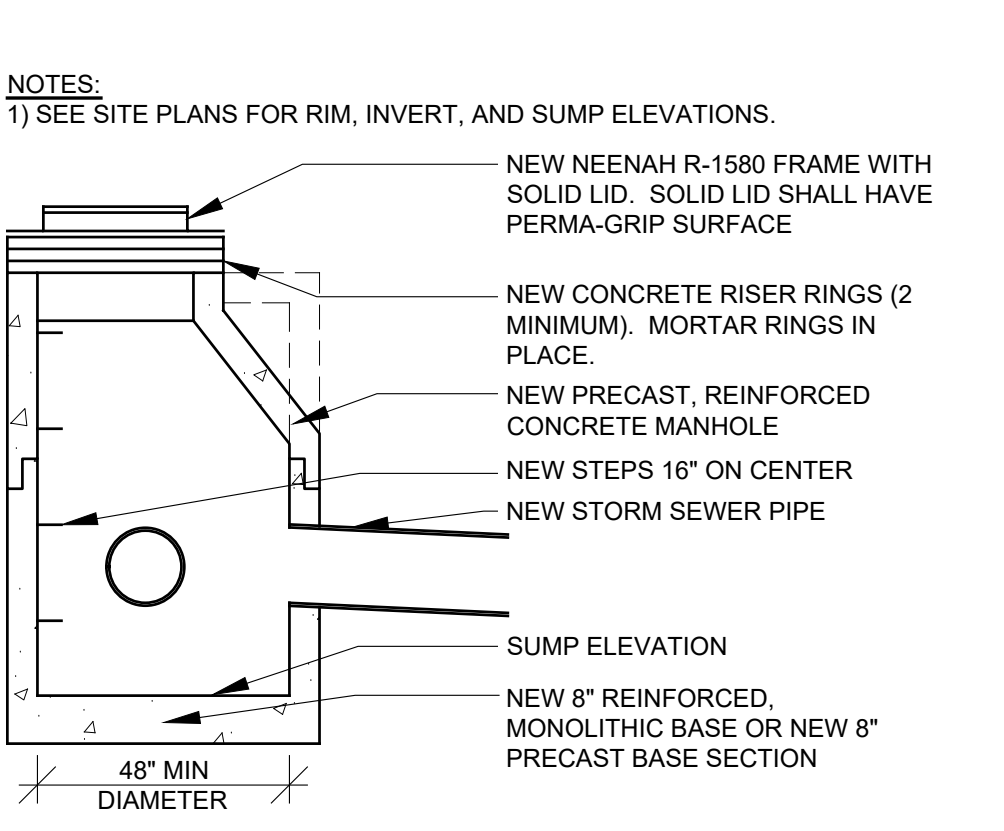
5 TYPICAL SEALANT OVER BACKER ROD OVER COMPRESSIBLE JOINT MATERIAL DETAIL  
C500 NO SCALE



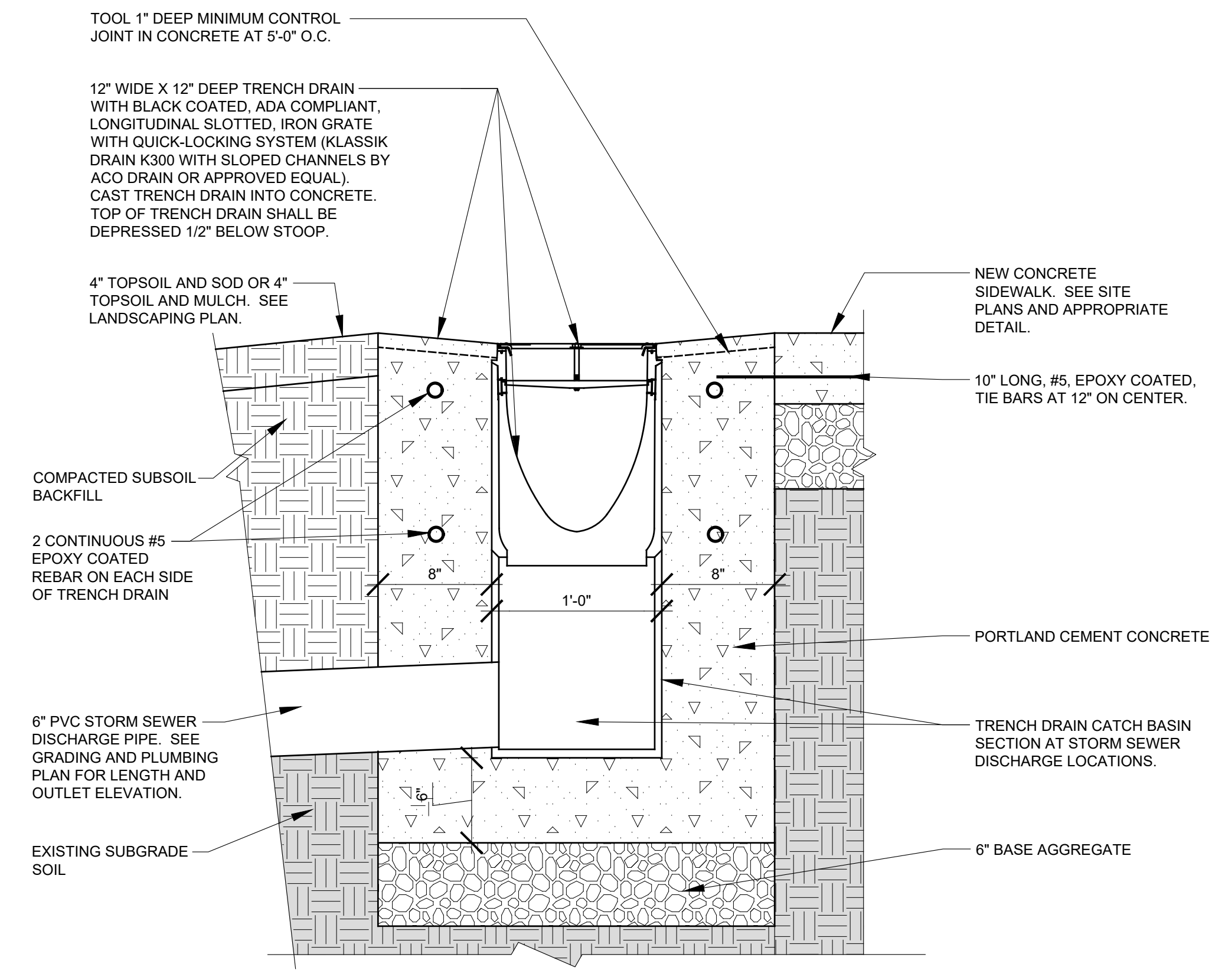
6 STORM INLET DETAIL  
C500 NO SCALE



7 STORM - CATCH BASIN DETAIL  
C500 NO SCALE TYPICAL



8 STORM - MANHOLE DETAIL  
C500 NO SCALE TYPICAL



9 TRENCH DRAIN DETAIL  
C500 1-1/2" = 1'-0"

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OCC BASEBALL  
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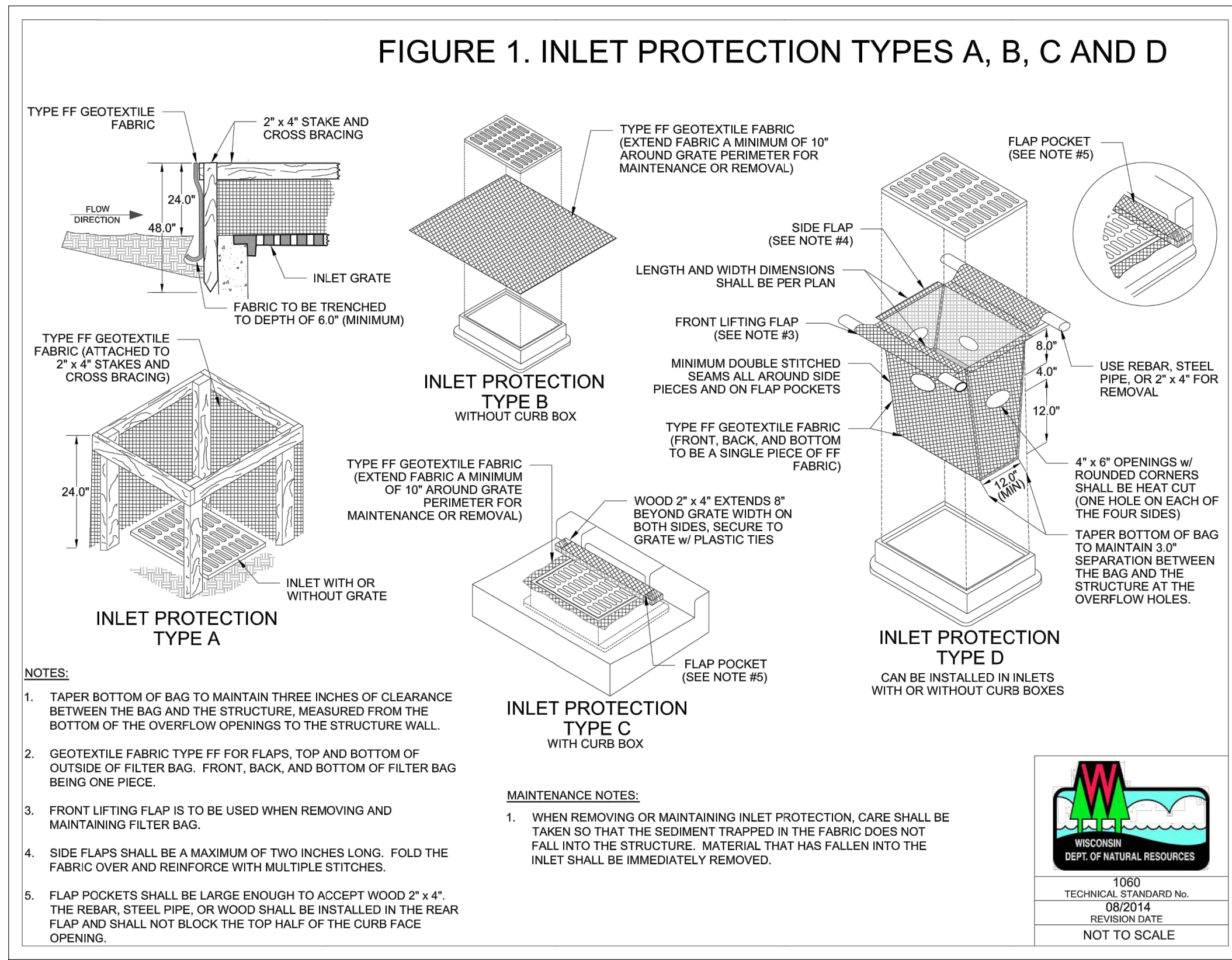
6665 S HOWELL AVENUE  
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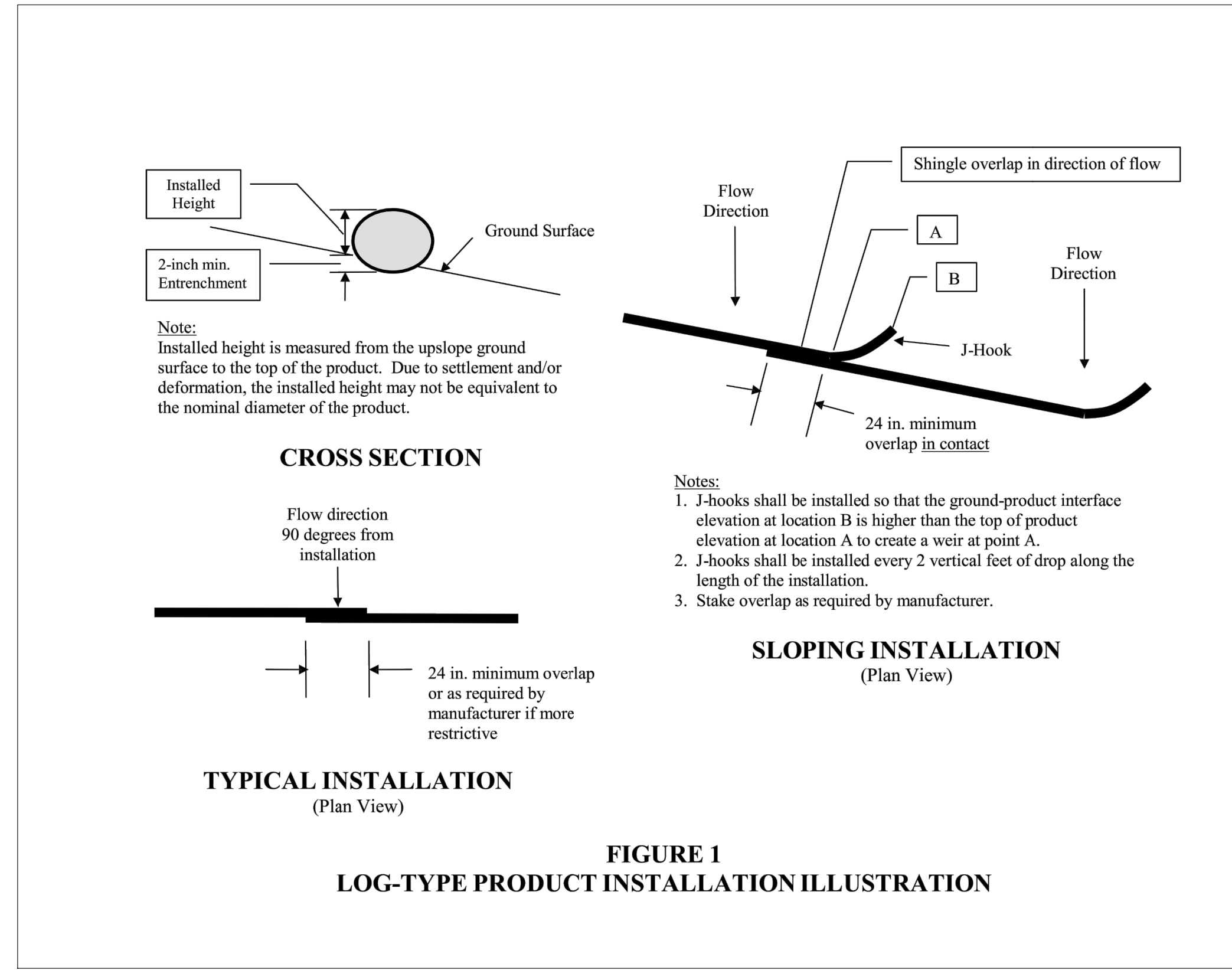
TITLE  
DETAILS

SHEET NUMBER  
C500

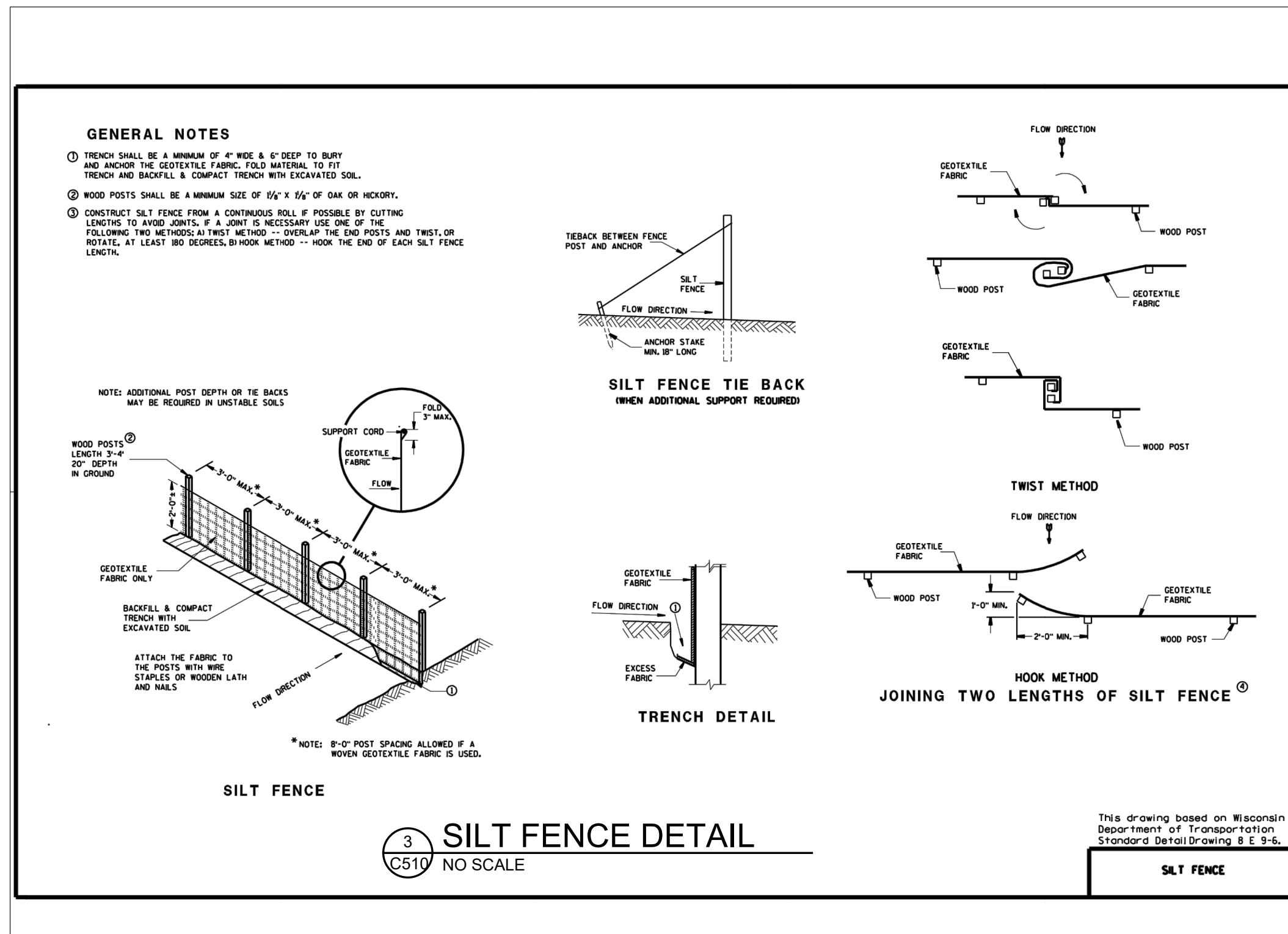




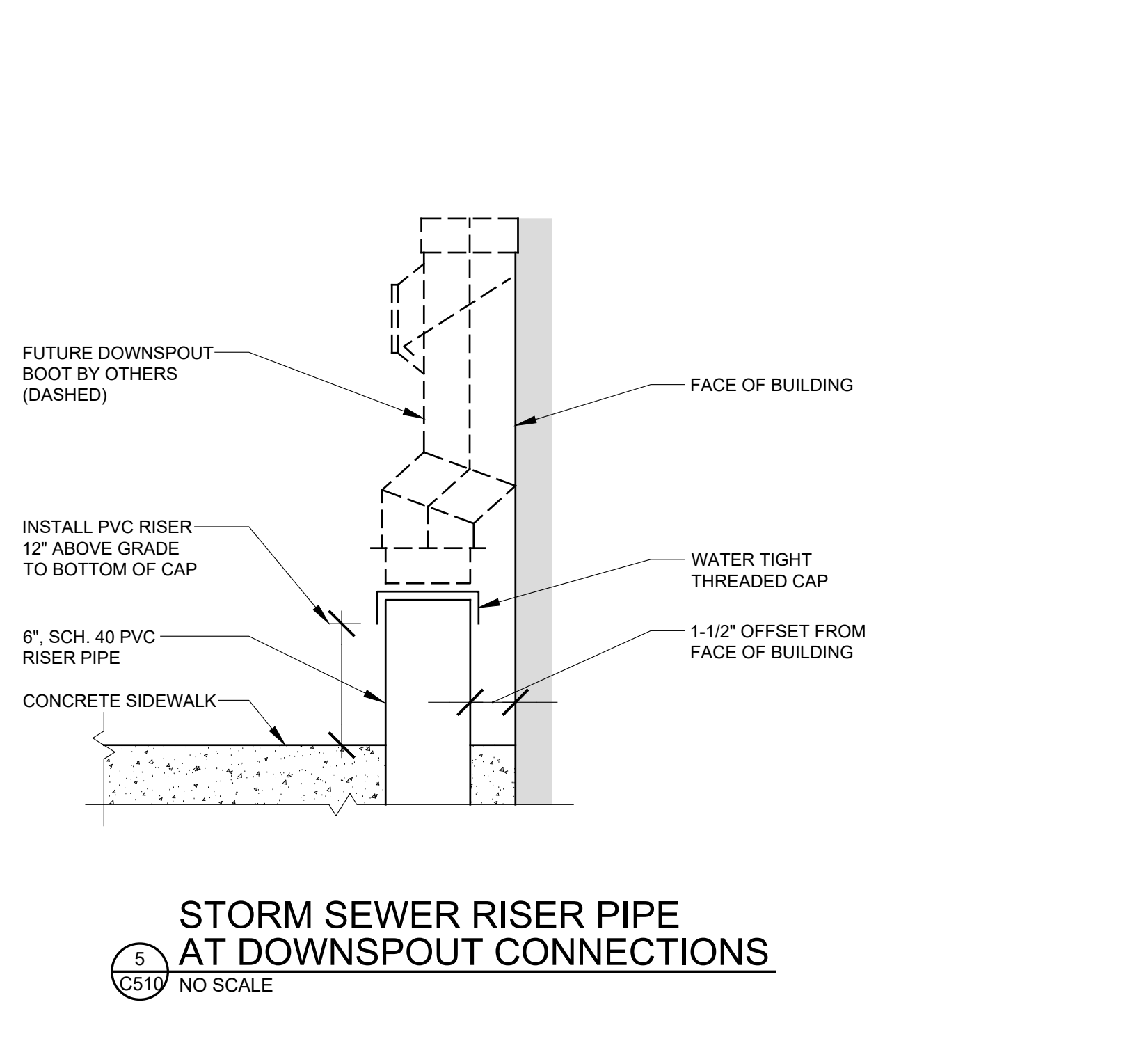
1 INLET PROTECTION DETAIL  
C510 NO SCALE



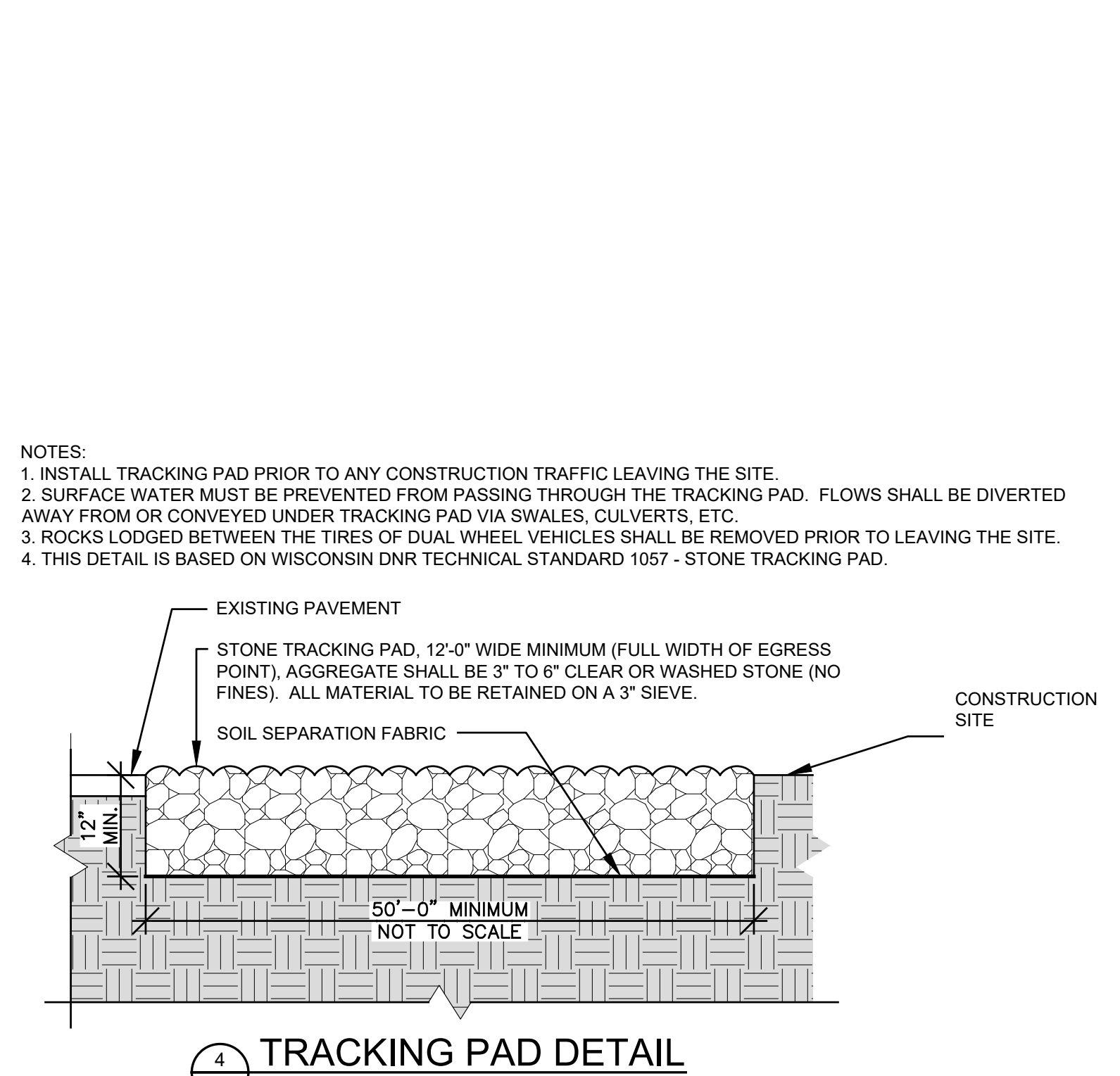
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C510 NO SCALE



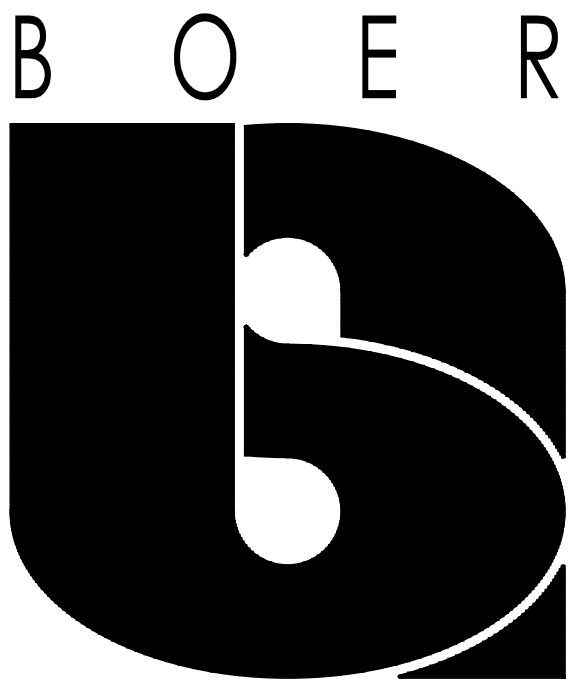
3 SILT FENCE DETAIL  
C510 NO SCALE



5 STORM SEWER RISER PIPE AT DOWNSPOUT CONNECTIONS  
C510 NO SCALE

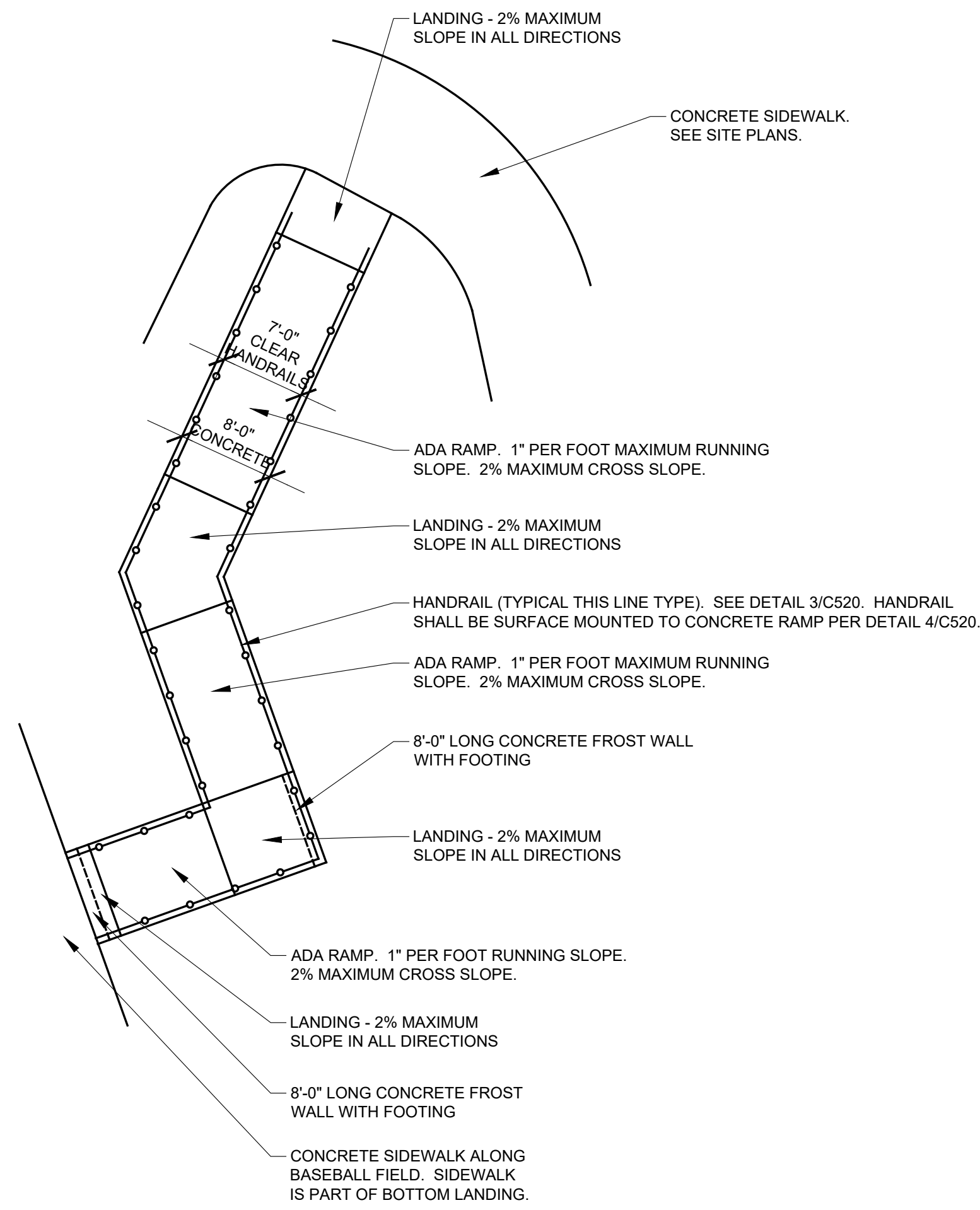


4 TRACKING PAD DETAIL  
C510 NO SCALE

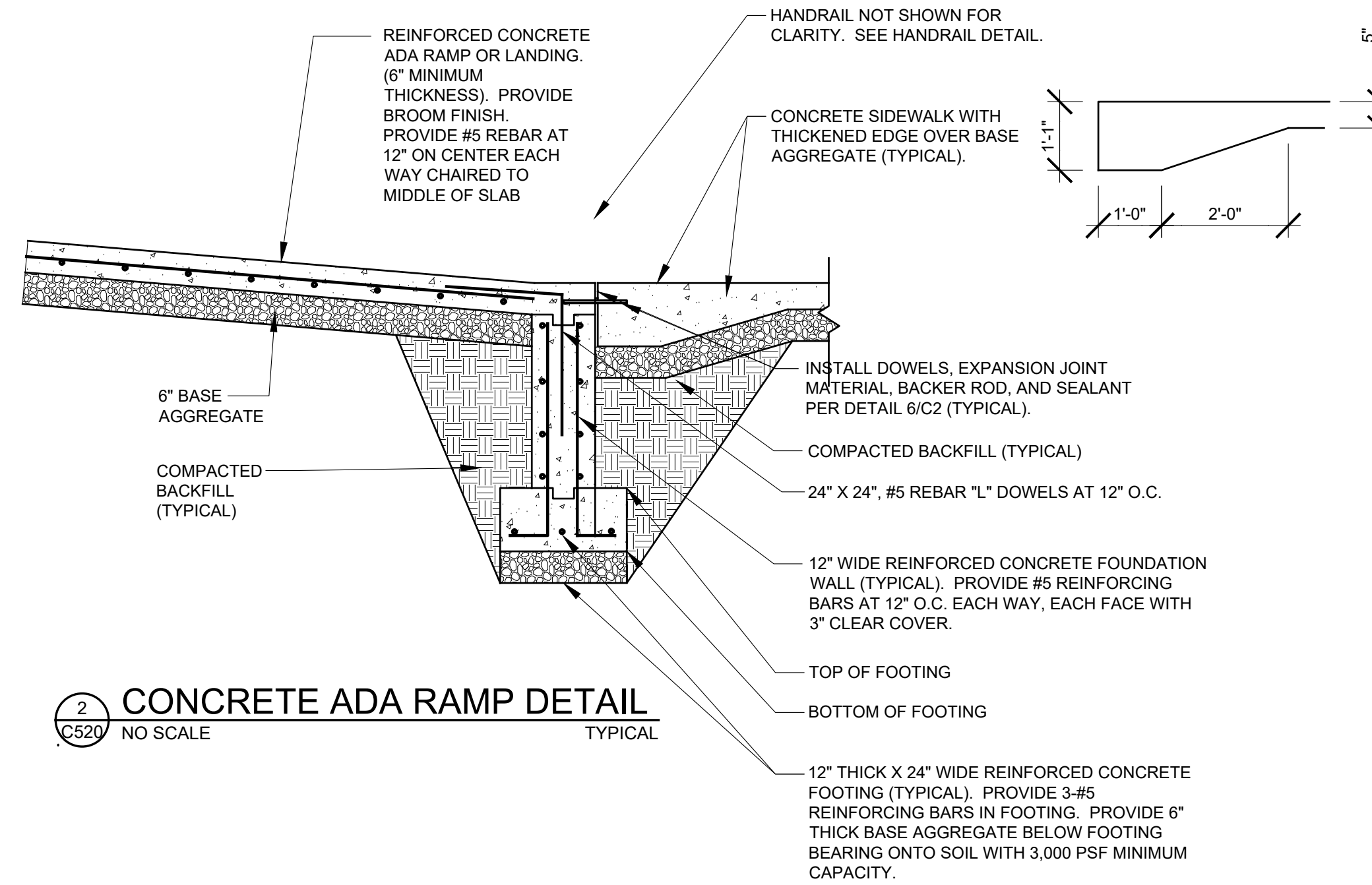


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1123 North Water St  
Milwaukee, WI 53202  
Phone 414-223-3353  
Fax 414-223-3348  
E-mail www.boerarch.com

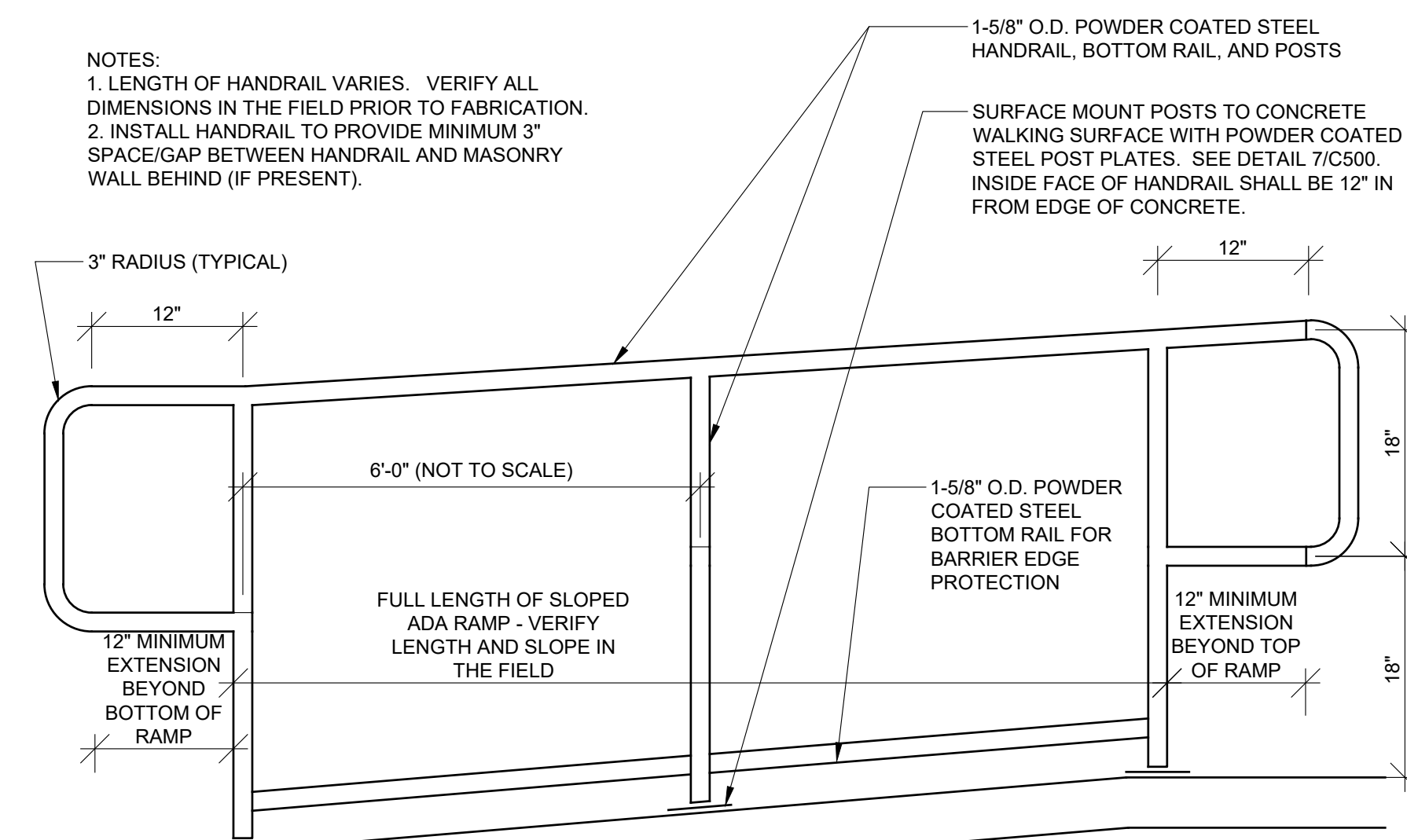
**INSPEC**  
126 North Jefferson Street  
Suite 120  
Milwaukee, WI 53202  
Ph. 414-744-6962  
MINNEAPOLIS | MILWAUKEE | CHICAGO



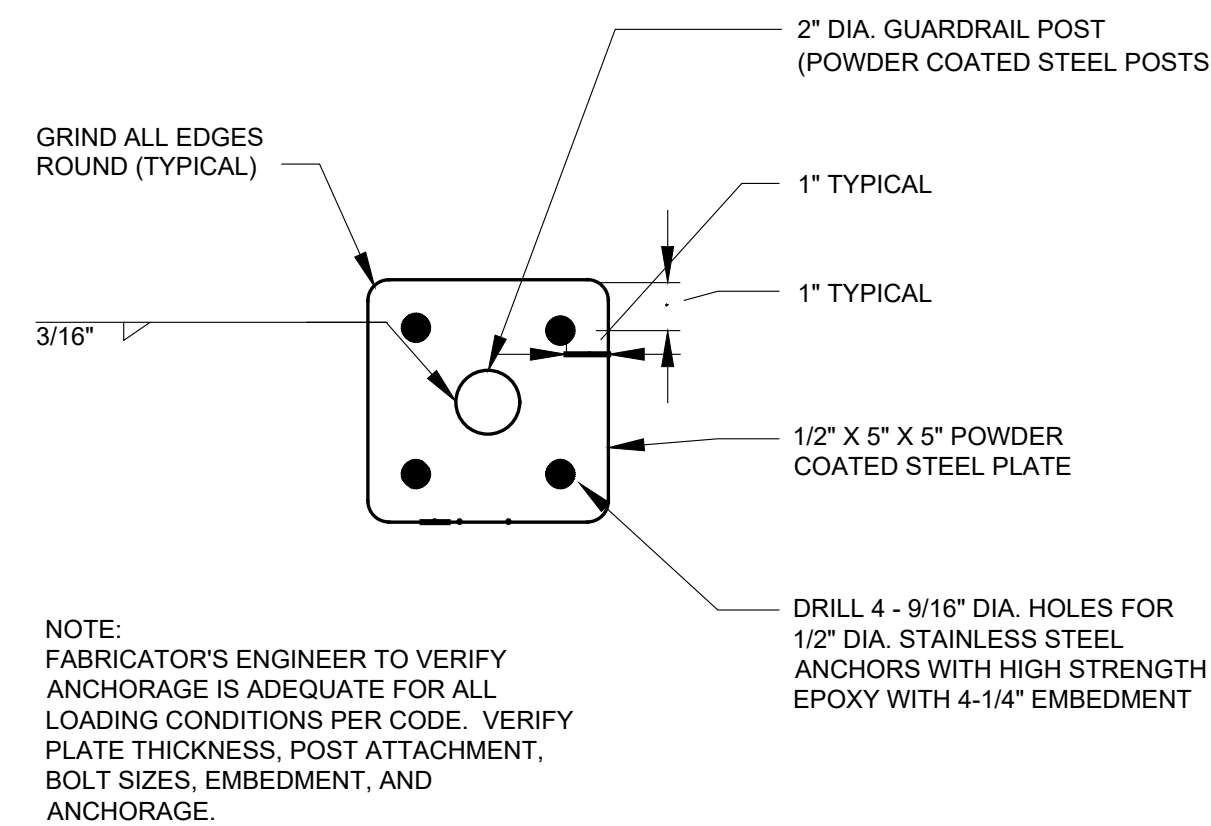
**1 LARGE SCALE ADA RAMP PLAN**  
C520 1" = 10'-0"



**2 CONCRETE ADA RAMP DETAIL**  
C520 NO SCALE TYPICAL



**3 HANDRAIL FOR CONCRETE ADA RAMP DETAIL**  
C520 NO SCALE TYPICAL



**4 HORIZONTAL SURFACE MOUNT POST PLATE ASSEMBLY DETAIL**  
C520 NO SCALE TYPICAL

PLAN COMMISSION  
SUBMITTAL - NOT FOR  
CONSTRUCTION

MATC BID REFERENCE #  
MATC PROJECT #2023319.02

REVISION DATE

DATE  
30 JULY 2024

OCC BASEBALL  
OUTDOOR RESTROOM  
FACILITY

6665 S HOWELL AVENUE  
OAK CREEK, WI 53154

PROJECT NUMBER  
23510

TITLE  
DETAILS

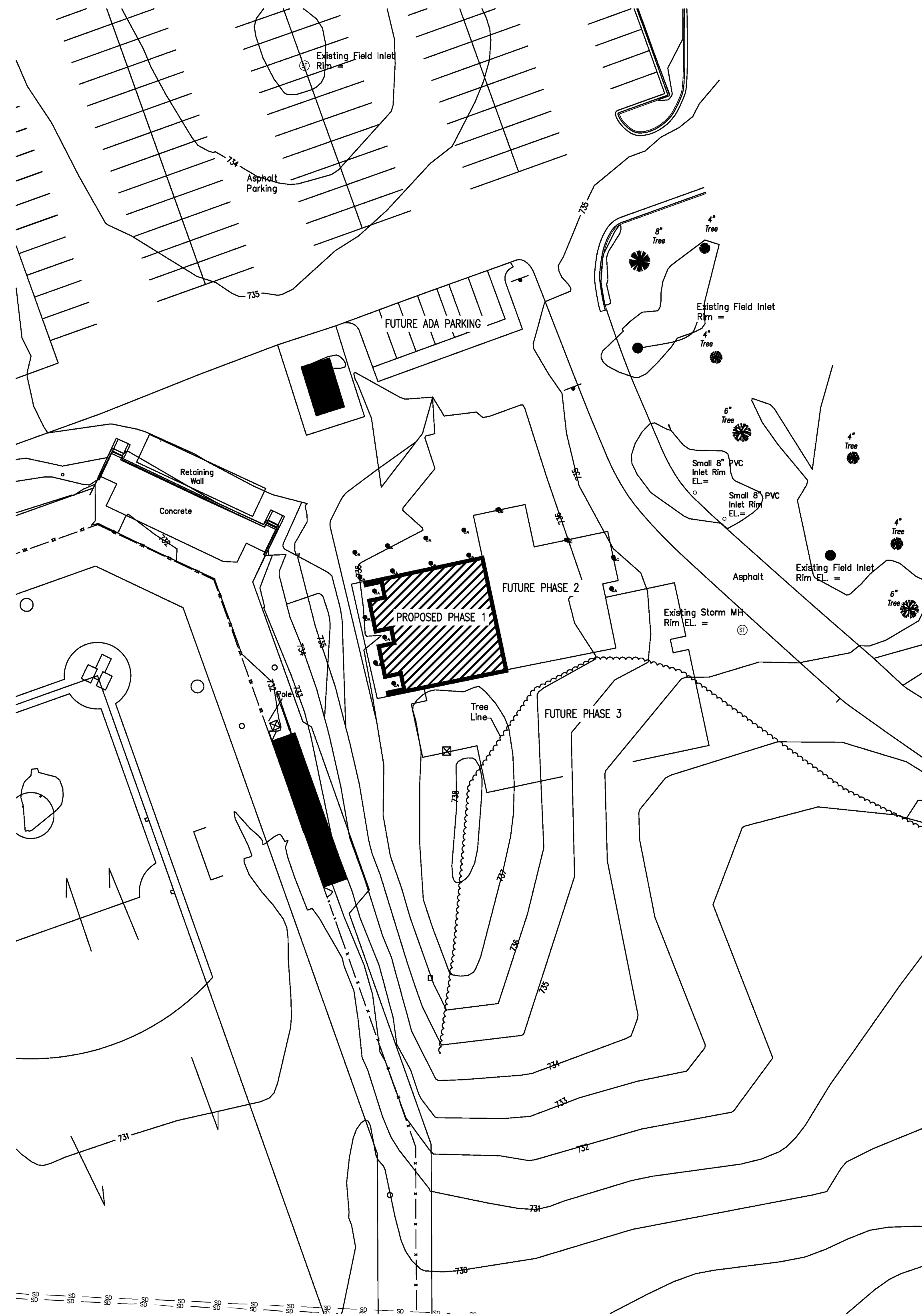
SHEET NUMBER  
C520



ARCHITECTS  
INCORPORATED  
1123 North Water St  
Milwaukee, WI 53202  
Phone 414-223-3353  
Fax 414-223-3348  
E-mail www.boerarch.com



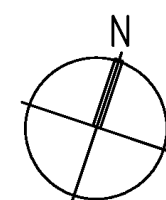
THIS BAR IS 1" LONG. IF IT MEASURES ANYTHING OTHER THAN 1" ADJUST SCALE ACCORDINGLY.  
RAD Project No.: 223073.00



1  
E100

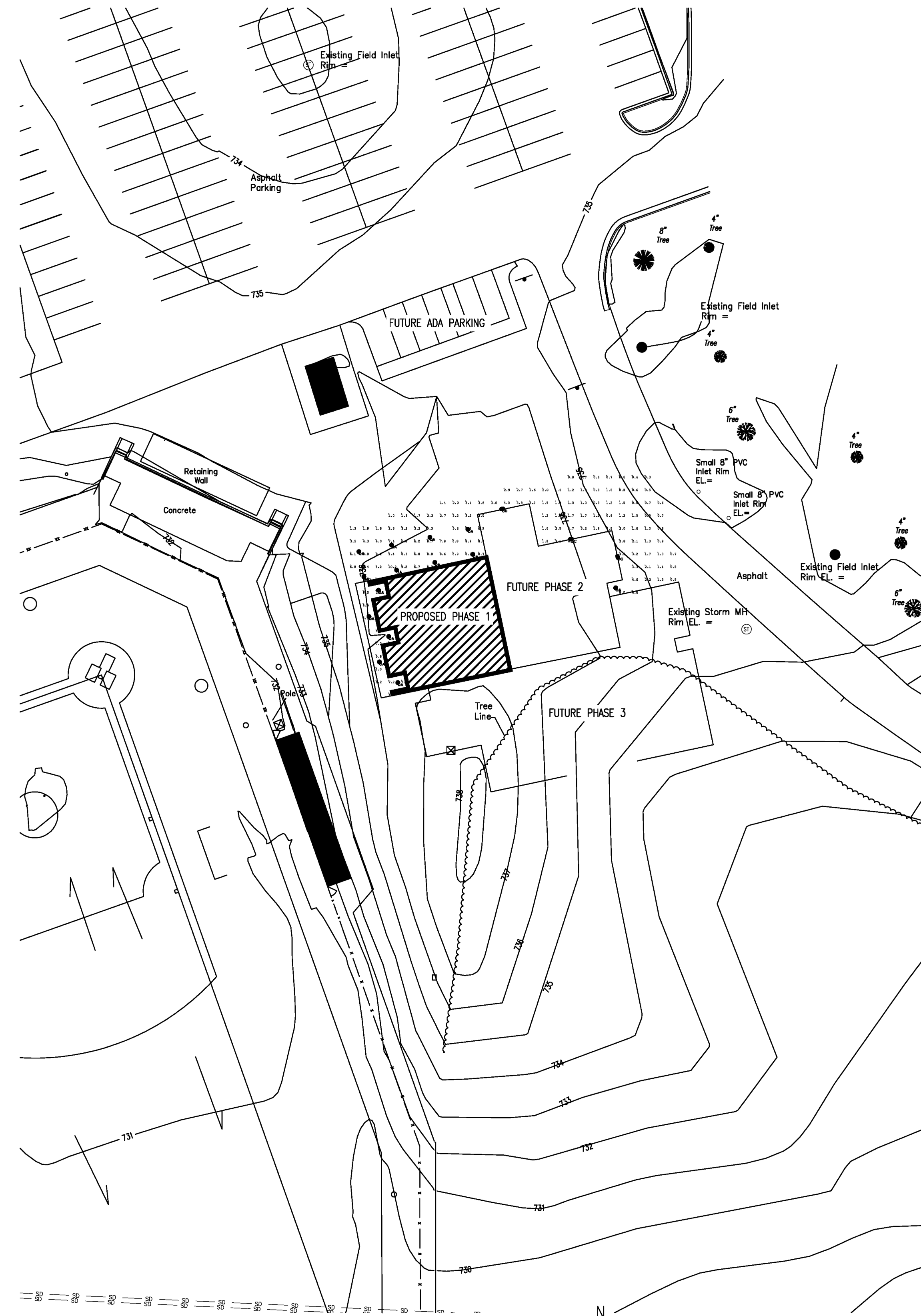
SITE PLAN - LIGHTING

SCALE: 1" = 30'  
0' 15' 30'



PROJECT NORTH

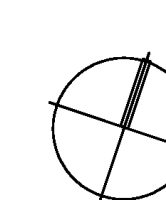
Tag	Symbol	Qty	Label	Description	Mounting Height	LLF	Luminaire Lumens	Luminaire Watts
OA	⊙	14	DMF_DCC_DC4 (4) D15GA00000 4	4 IN. ROUND CYLINDER - SURFACE MOUNT - WET LOCATION - 1500LM - 90 DEGREE DIST. - 4000K - DMF - W-SERIES CYLINDER	8.66	0.850	1353	16.5
OC	⌈	2	PGAS-2_T4_1&C_3_4K_UNV_WM	17.96 IN W x 5.5 IN H x 9.50 IN D WALL PACK - TYPE 4 DIST. - 2100LM - 4000K - PHOTOCELL - MOTION SENSOR - EM BATTERY - VISIONAIRE LIGHTING - PGAS-2 SERIES	10	0.850	2185	17
OD	⌈	1	PGAS-2_T2_1&C_3_4K_UNV_WM	17.96 IN W x 5.5 IN H x 9.50 IN D WALL PACK - TYPE 2 DIST. - 2200LM - 4000K - PHOTOCELL - MOTION SENSOR - EM BATTERY - VISIONAIRE LIGHTING - PGAS-2 SERIES	10	0.850	2235	17



2  
E100

SITE PLAN - LIGHTING PHOTOMETRIC

SCALE: 1" = 30'  
0' 15' 30'



PROJECT NORTH

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
01_BUILDING EXTERIOR	Illuminance	Fc	3.30	11.4	0.0	N.A.	N.A.

SHEET NOTES -

- A. THE RESULTS OF THIS STUDY ARE TO BE VIEWED ONLY AS AN INDICATION OF POSSIBLE PERFORMANCE. DUE TO VARIATIONS IN LED BOARDS, DRIVERS, MANUFACTURING, LINE VOLTAGE, AND SITE CONDITIONS, A GUARANTEED LEVEL OF PERFORMANCE IS NOT POSSIBLE AND IS NOT REPRESENTED BY THIS ANALYSIS.
- B. CALCULATION IS MODELED USING A LIGHT LOSS FACTOR OF 0.85 TO INDICATE MAINTAINED ILLUMINANCE VALUES.

PLAN COMMISSION  
SUBMITTAL - NOT FOR  
CONSTRUCTION

MATC BID REFERENCE #  
MATC PROJECT #2023319.02

REVISION DATE

DATE  
30 JULY 2024

OCC BASEBALL  
OUTDOOR  
RESTROOM FACILITY

6665 S HOWELL AVENUE  
OAK CREEK, WI 53154

PROJECT NUMBER  
23510

TITLE  
ELECTRICAL SITE PLANS -  
MUNICIPAL SUBMITTAL

SHEET NUMBER  
E900

# M Series Cylinder

Project:  
MATC OCC BASEBALL OUTDOOR  
RESTROOM FACILITY - PHASE 1 & 2

Type: **OA**

Date:

V102523

## 4" Surface Mount



- Integrated Drivers allow for down to 0.1% dimming options within the pendant and no need to locate anything above the canopy
- Customize your cylinder with over one million configurations, allowing for easy maintenance and on-site modifications
- Attaches directly to a surface or recessed mounted junction box, ideal for areas with limited ceiling height & plenum space restrictions
- Die-cast aluminum trims with no visible hardware for a sleek, symmetrical design

### CYLINDER

#### Mount

Surface

#### Size

Diameter: 4"

Height: Small (4"), Medium (8"), Large (12")

#### Canopy

Standard

#### Trims & Shades

Standard, Snoot, Decorative, Hyperbolic, Flat Shade, Round Shade

#### Finish

White, Black, Brushed Aluminum, Bronze, Custom Color

### EMERGENCY LIGHTING

Optional Remote Inverter or Emergency LED Driver for lighting up to 90 minutes in event of power failure

### LIGHT OUTPUT & DISTRIBUTION

#### Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W), 1500 lm (16.5W), 2000 lm (24.5W), 2500 lm (27.5W), 3000 lm (34W)

#### Color Quality

93 CRI, 2-step SDCM

#### Color Temperature

- 2700K ● 3000K ● 3500K  
● 4000K ● Warm Dim (3000K–1800K)  
● Tunable White (4000K–1800K)  
● Tunable White (6500K–2700K)

#### Beam Spread

- ▲ Narrow Spot (15°) ▲ Spot (25°)  
▲ Flood (40°) ▲ Wide Flood (60°)  
▲ General (90°)

#### Lighting Type

- ▼ Downlight ▼ Adjustable

### POWER & CONTROLS

#### Input Voltage

120 / 277V

#### Dimming

0-10V (120/277V): 1%  
TRIAC/ELV (120V): 1%  
DALI-2 (120/277V): 0.1%

### SPECIALTY LENS

- Hexcell Louver

### RATINGS

- Wet Location / IP65 Rated Configurations Available  
● NSF Listed (White and Black Finish Only)  
● DarkSky Approved (Downlight only, CCT less than or equal to 3000K)

### WARRANTY

5 year limited warranty; 50,000 hours



## PRODUCT BUILDER

CYLINDER	<input type="text" value="DC4"/>	<b>DC4</b> 4" Cylinder			
MOUNT	<input type="text" value="SM"/>	<b>SM</b> Surface Mount			
MOISTURE RATING	<input type="text"/>	<b>S</b> Standard (Damp Location)	<input checked="" type="radio"/> <b>W</b> Wet Location <sup>1</sup>		
LENGTH	<input type="text"/>	<input checked="" type="radio"/> <b>S</b> Small (4") 1500 lm Max	<input type="radio"/> <b>M</b> Medium (8") 2000 lm Max	<input type="radio"/> <b>L</b> Large (12") 3000 lm Max	
LIGHT OPTIONS	<input type="text"/>	<input checked="" type="radio"/> <b>D</b> Fixed	<input type="radio"/> <b>A</b> Adjustable <sup>2</sup>		
LUMENS DOWN <sup>3</sup>	<input type="text"/>	<input type="radio"/> <b>07</b> 750 lm <sup>4</sup>	<input type="radio"/> <b>10</b> 1000 lm <sup>4</sup>	<input type="radio"/> <b>12</b> 1250 lm <sup>4,4</sup>	<input checked="" type="radio"/> <b>15</b> 1500 lm <sup>3,4</sup>
		<input type="radio"/> <b>20</b> 2000 lm <sup>4,5</sup>	<input type="radio"/> <b>25</b> 2500 lm <sup>4,5</sup>	<input type="radio"/> <b>30</b> 3000 lm <sup>4,5</sup>	
BEAM SPREAD DOWN	<input type="text"/>	<input checked="" type="radio"/> <b>GA</b> General Ambient (90°+) <sup>4,6</sup>	<input type="radio"/> <b>NS</b> Narrow Spot (15°) <sup>7</sup>	<input type="radio"/> <b>SP</b> Spot (25°)	
		<input type="radio"/> <b>FL</b> Flood (40°)	<input type="radio"/> <b>WF</b> Wide Flood (60°) <sup>4</sup>		
SPECIALTY LENS DOWN	<input type="text"/>	<input checked="" type="radio"/> <b>0</b> None <sup>4</sup>	<input type="radio"/> <b>H</b> Hexcell Louver <sup>8</sup>		
LUMENS UP	<input type="text" value="00"/>	<input type="radio"/> <b>00</b> None			
BEAM SPREAD UP	<input type="text" value="00"/>	<input type="radio"/> <b>00</b> None			
CCT	<input type="text"/>	<input type="radio"/> <b>27</b> 2700K	<input type="radio"/> <b>30</b> 3000K	<input type="radio"/> <b>35</b> 3500K	<input checked="" type="radio"/> <b>40</b> 4000K
		<input type="radio"/> <b>3W</b> Warm Dim (3000K-1800K) <sup>9</sup>	<input type="radio"/> <b>T1</b> Tunable White (4000K-1800K) <sup>10</sup>	<input type="radio"/> <b>T2</b> Tunable White (6500K-2700K) <sup>10</sup>	
FINISH	<input type="text"/>	<input type="radio"/> <b>WH</b> White	<input type="radio"/> <b>BK</b> Black	<input type="radio"/> <b>BA</b> Brushed Aluminum	
		<input type="radio"/> <b>BZ</b> Bronze	<input type="radio"/> <b>CC</b> Custom Color		
DIMMING	<input type="text"/>	<input type="radio"/> <b>T</b> TRIAC/ELV (1%)	<input checked="" type="radio"/> <b>O</b> 0-10V(1%)	<input type="radio"/> <b>D</b> DALI-2 (0.1%) <sup>11</sup>	
EMERGENCY	<input type="text"/>	<input type="radio"/> <b>00</b> None	<input type="radio"/> <b>EM</b> EM, Remote Test Switch <sup>12</sup>		
TRIM / SHADE DOWN	<input type="text"/>	<input checked="" type="radio"/> <b>R</b> Round Standard Trim <sup>4</sup>	<input type="radio"/> <b>H</b> Hyperbolic Trim	<input type="radio"/> <b>S</b> Snoot ( <i>black only</i> )	<input type="radio"/> <b>D</b> Decorative Trim <sup>6,13</sup>
		<input type="radio"/> <b>L</b> Low Profile Decorative Trim <sup>6,13</sup>	<input type="radio"/> <b>RWC</b> Round Shade: White, Clear	<input type="radio"/> <b>RWW</b> Round Shade: White, Warm	<input type="radio"/> <b>RBC</b> Round Shade: Black, Clear
		<input type="radio"/> <b>RBW</b> Round Shade: Black, Warm	<input type="radio"/> <b>RAC</b> Round Shade: Aluminum, Clear	<input type="radio"/> <b>FWC</b> Flat Shade: White, Clear	<input type="radio"/> <b>FWW</b> Flat Shade: White, Warm
		<input type="radio"/> <b>FBC</b> Flat Shade: Black, Clear	<input type="radio"/> <b>FBW</b> Flat Shade: Black, Warm	<input type="radio"/> <b>FAC</b> Flat Shade: Aluminum, Clear	

<sup>4</sup> Required for Wet Location/IP65 rating

<sup>1</sup> Only available in 750, 1000, 1250, 1500 or 2000 lm; with Round Standard, Decorative, or Low Profile Trim

<sup>2</sup> Only available in 750 or 1000 lm; Damp Location moisture rating; Round Standard or Hyperbolic trim

<sup>3</sup> Sum of Lumens cannot be greater than 1500 lm for Small size, 2000 lm for Medium size, 3000 lm for Large size

<sup>4</sup> Not available in Adjustable

<sup>5</sup> Only available in 0-10V

<sup>6</sup> Only available in 750 lm, 1000 lm, 1250 lm, or 1500 lm

<sup>7</sup> Only available in 750-2000 lm; Not available in Warm Dim or Tunable White

<sup>8</sup> Only available for Adjustable; not available for DALI-2

<sup>9</sup> Only available in 1000 lm; not available in Narrow Spot

<sup>10</sup> Only available in 1000 lm Downlight, 750 lm Adjustable and DALI-2 dimming

<sup>11</sup> Only available in 1000 lm Warm Dim, Tunable White or 1250 lm Static CCT Downlight and 1000 lm Warm Dim or Static CCT and 750 lm Tunable White Adjustable

<sup>12</sup> Not available in Uplight; TRIAC/ELV driver utilizes micro inverter; 0-10V or EcoSystem drivers utilize EM Kit mounted above ceiling with emergency LED driver & remote test switch

<sup>13</sup> Only available in General Ambient beam spread

# PGAS-2 LED Specifications



Project Name: \_\_\_\_\_

Catalog Number: \_\_\_\_\_

Type: \_\_\_\_\_

The **PGAS-2 LED** luminaire from Visionaire combines contemporary design with new LED technology; while maintaining a traditional fixture image. The LED performance and Life are maximized by the unique integral aluminum heat sink. It is an ideal replacement for the high-maintenance fluorescent or HID fixtures of yesterday.

The LED housing is cast aluminum with internal heat sink for maximum heat dissipation; with 16 or 32 LEDs. The cast aluminum driver compartment allows the driver to operate cooler for long life.

Three optical distribution patterns are available. Choose between 3000, 4000 or 5000 Kelvin temperature of the LED's.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The **PGAS-2 LED** series is an exceptional choice for all wall mount applications.

## Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
<b>PGAS-2</b>	<b>T2</b> Type 2	<b>16LC</b>	<b>3</b> 350mA	<b>3K</b> 3000K	<b>UNV</b> 120-277V	<b>WM</b> Wall Mount	<b>BZ</b> Bronze	<b>PC-120</b> Button Type Photocell	<b>EBPL</b> Emergency Battery Pack 120V-277V Only
	<b>T3</b> Type 3	<b>32LC</b>	<b>5</b> 530mA	<b>4K</b> 4000K	<b>8</b> 347V		<b>BK</b> Black	<b>PC-208</b> Button Type Photocell	<b>WVC</b> Visionaire Wireless Controls Consult Factory
	<b>T4</b> Type 4		<b>7</b> 700mA	<b>5K</b> 5000K	<b>5</b> 480V		<b>SBK</b> Smooth Black	<b>PC-240</b> Button Type Photocell	<b>BP</b> Back Plate
							<b>WH</b> White	<b>PC-277</b> Button Type Photocell	
							<b>SWH</b> Smooth White	<b>WSC-8</b> Motion Sensor 8' Mounting Height	<b>EBPL-CLD</b> Cold Weather Emergency Battery Pack * Universal Voltage only Rated for -20° C to 50° C * Not available in Up Light Orientation
							<b>GP</b> Graphite	<b>WSC-20</b> Motion Sensor 9-20' Mounting Height	
							<b>GY</b> Grey		
							<b>SL</b> Silver Metallic		
							<b>CC</b> Custom Color	<b>WSC-40</b> Motion Sensor 21-40' Mounting Height	

\*WSC options will require (1) FSIR 100 remote for programing

### Housing

Heavy duty cast aluminum housing with internal heat sink for maximum heat dissipation. Silicone gasket is used for weather tight operation.

### Mounting

A Wall Mount bracket can be secured directly to a 4"-5" recessed junction box.

### Thermal Management

The PGAS series provides excellent thermal management by mounting the LEDs to the substantial heat sink within the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.

### Optical System

- The highest lumen output LEDs are utilized. High-performance acrylic optics feature industry leading Type II, III, and IV optical distributions. Acrylic optics are impact-resistant and rated to 94 percent translucence.
- L70 life of our LEDs is rated over 100,000 hours (for 700 mA), The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
- CRI values are 70.

### Quali-Guard® Finish

The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness.

- All finishes are available in standard and custom colors.
- Finish is guaranteed for five (5) years.

### Electrical Assembly

The PGAS-2 LED series is supplied with a choice of 350, 530 or 700 high-performance LED drivers that accept 120v thru 480v, 50 Hz to 60 Hz, input.

- Power factor of 90%.
- Rated for -40°C operations.
- 10 kV surge protector supplied as standard.

### Warranty

Five (5) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit [visionairelighting.com](http://visionairelighting.com).

### Options

- Button Style Photocell
- Watt Stopper FSP-211
- Back Plate
- Emergency Battery Pack
- Wireless Control
- Cold Weather Emergency Battery Pack (Rated for -20°C)

### Listings

- PGAS-2 is cUL listed, suitable for wet locations.
- IP66 Rated
- Powder Coated Tough™



3000K must be selected for IDA certification.  
Fixed mount must be selected for IDA dark sky certification.

PGAS-2 - Electrical Load (A)							
Ordering Nomenclature	System Watts	120V	208V	240V	277V	347V	480V
PGAS-2-T3-16LC-350MA	18	0.14	0.08	0.07	0.06	0.05	0.04
PGAS-2-T3-16LC-530MA	26	0.22	0.12	0.11	0.09	0.07	0.05
PGAS-2-T3-16LC-700MA	37	0.28	0.16	0.14	0.12	0.10	0.07
PGAS-2-T3-32LC-350MA	34	0.28	0.16	0.14	0.12	0.10	0.07
PGAS-2-T3-32LC-530MA	53	0.43	0.25	0.22	0.19	0.15	0.11
PGAS-2-T3-32LC-700MA	70	0.58	0.33	0.29	0.25	0.20	0.14

Motion Sensor Default Setting									
FSP - 211	High Mode	Low Mode	Time Delay	Cut Off Delay	Sensitivity	Hold Off Setpoint	Photocell On/Off	Ramp Up Time	Fade Down Time
WSC - Default	10V	1V	5 Minutes	1 Hour	Max	Disabled	Disabled	Disabled	Disabled
WSC Range	0-10V	0-9.8V	5-30 Minutes	1-5 Hours	Low, Med, Max	1-250FC	1-250FC	1-60 Dec	1-60 Dec

\*Settings can be field modified with the FSIR-100 Programming remote