

# CITY OF WAUKESHA PLAN COMMISSION REVIEW

# FROEDTERT SUNSET DRIVE CLINIC

KAHLER SLATER PROJECT: 218082.00  
JUNE 07, 2019

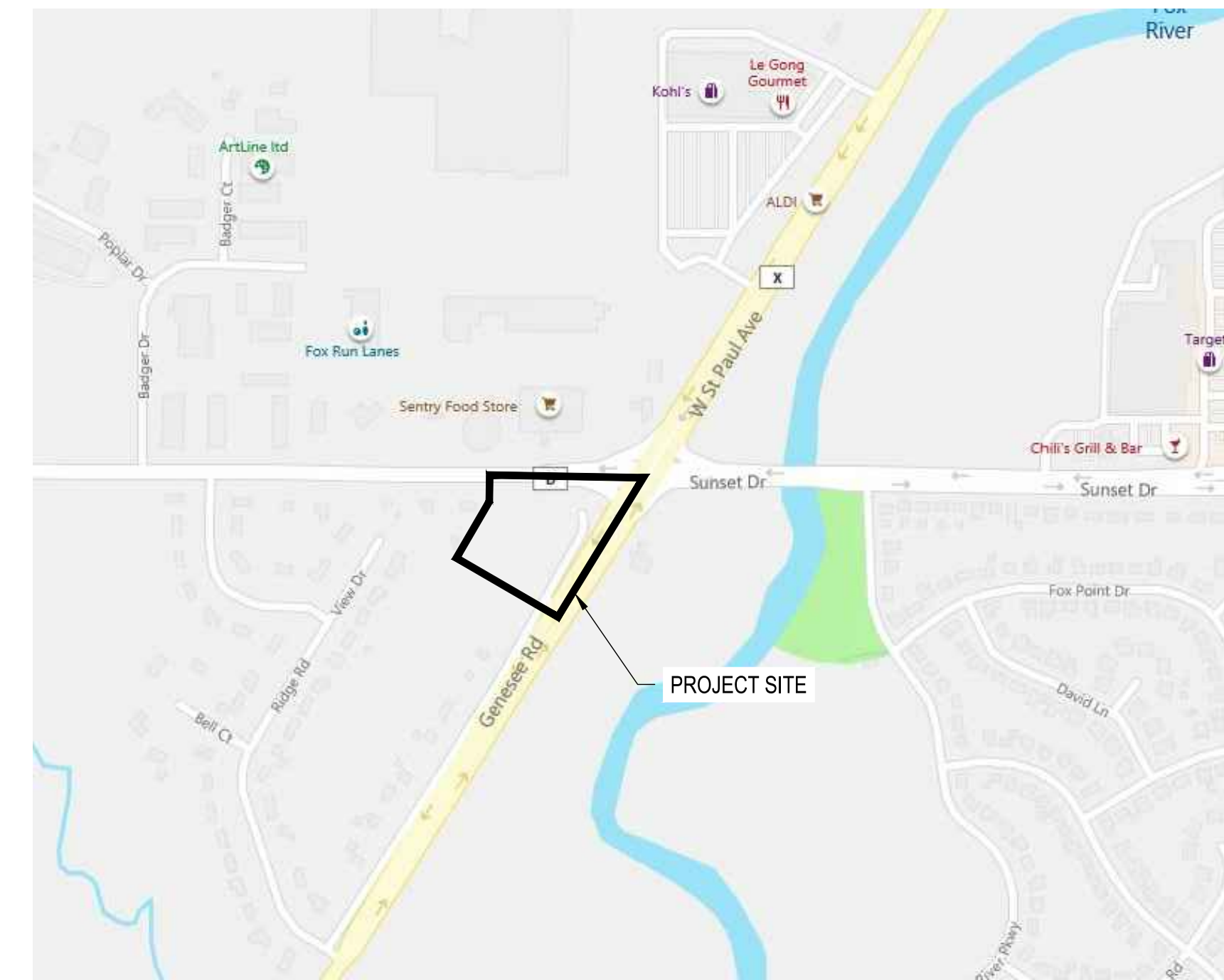
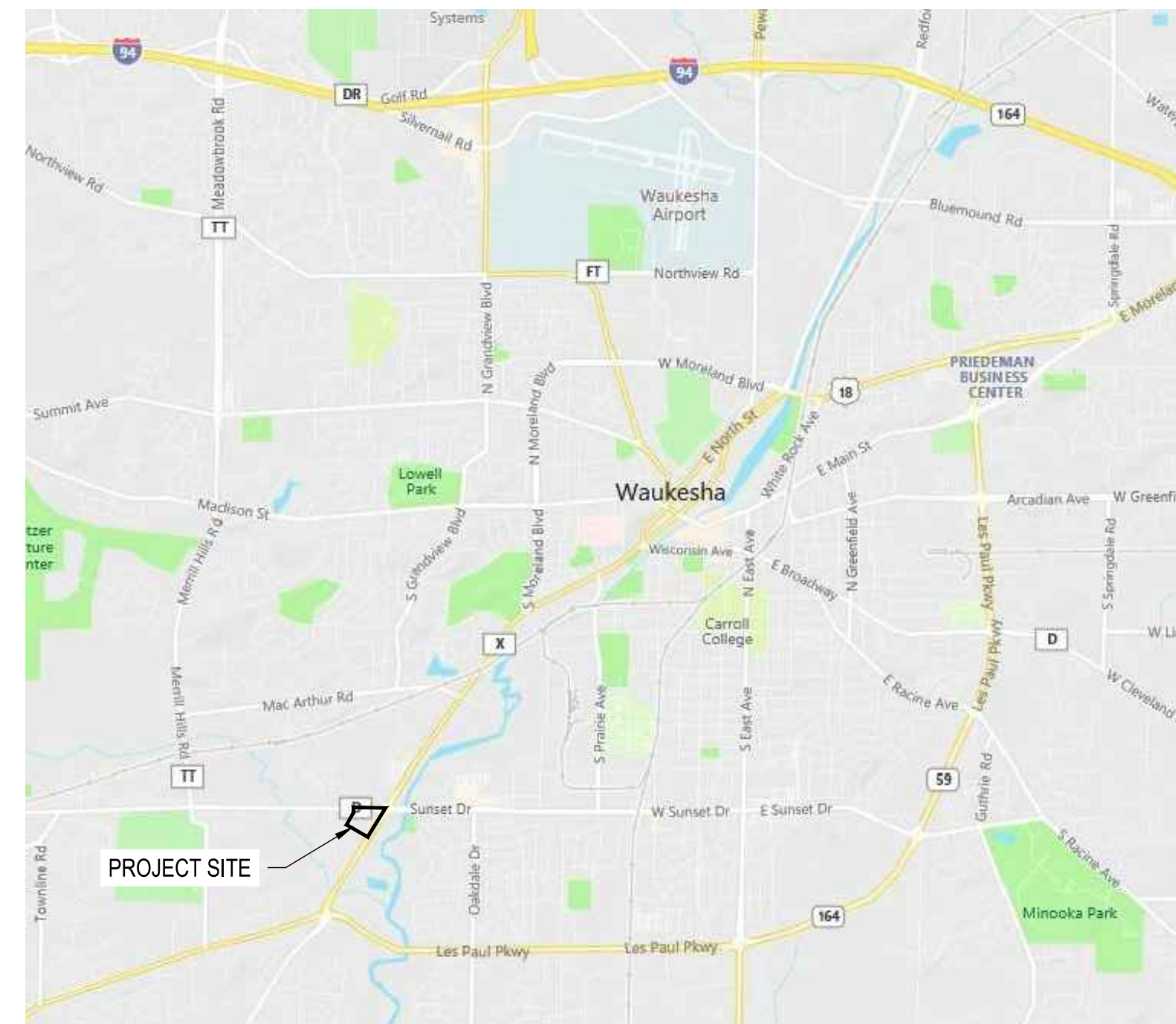
NOT FOR CONSTRUCTION

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A002	EXTERIOR ELEVATIONS

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Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

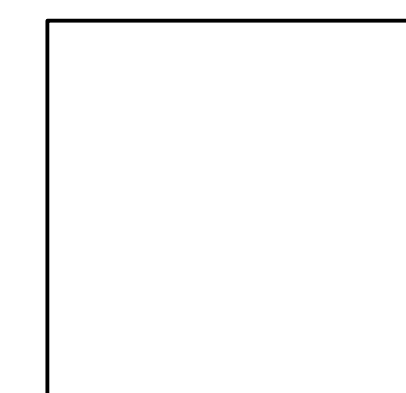
Drawing Date

06/07/2019

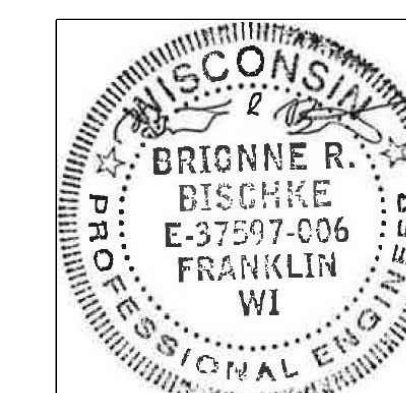
FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

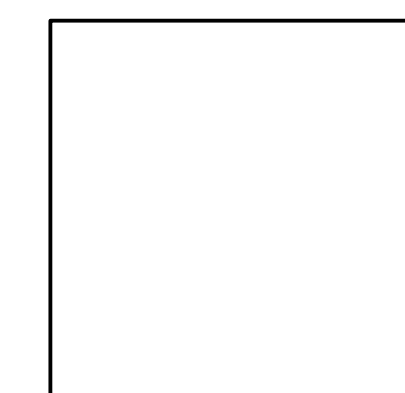
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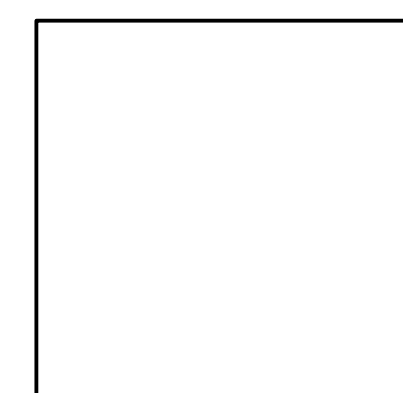
ARCHITECTURAL:  
KAHLER SLATER  
111 W. Wisconsin Ave.  
Milwaukee, WI 53203  
414-272-2000



CIVIL:  
OTIE  
1033 N. Mayfair Road  
Milwaukee, WI 53226  
414-257-4200



ELECTRICAL:  
OTIE  
1033 N. Mayfair Road  
Milwaukee, WI 53226  
414-257-4200



LANDSCAPING:  
NEW EDEN LANDSCAPE  
ARCHITECTURE  
131 W. Seeboth St., Suite 240  
Milwaukee, WI 53204  
414-530-1080

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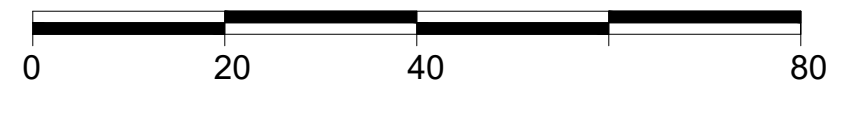
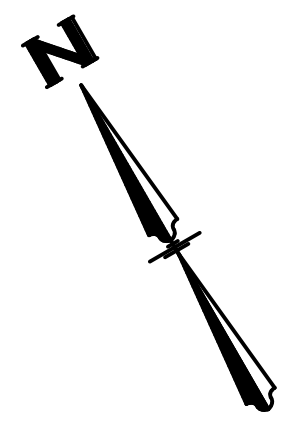
Sheet No.  
G-001

NOT FOR  
CONSTRUCTION

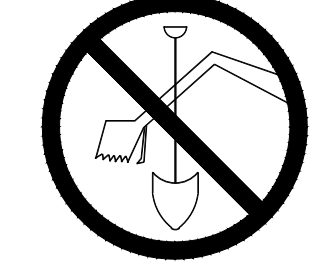
EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		CONCRETE FLARED END SECTION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE



- NOTES:
1. BEARINGS ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1927.
  2. VERTICAL DATUM FOR THE PROJECT SURVEY IS CITY OF WAUKESHA. CONVERSION TO USGS IS 780.558.



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



CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE  
WIS STATUTE 192.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

ATTENTION: ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. 218082.00 FROEDTERT HEALTH

Sheet Title EXISTING SITE PLAN

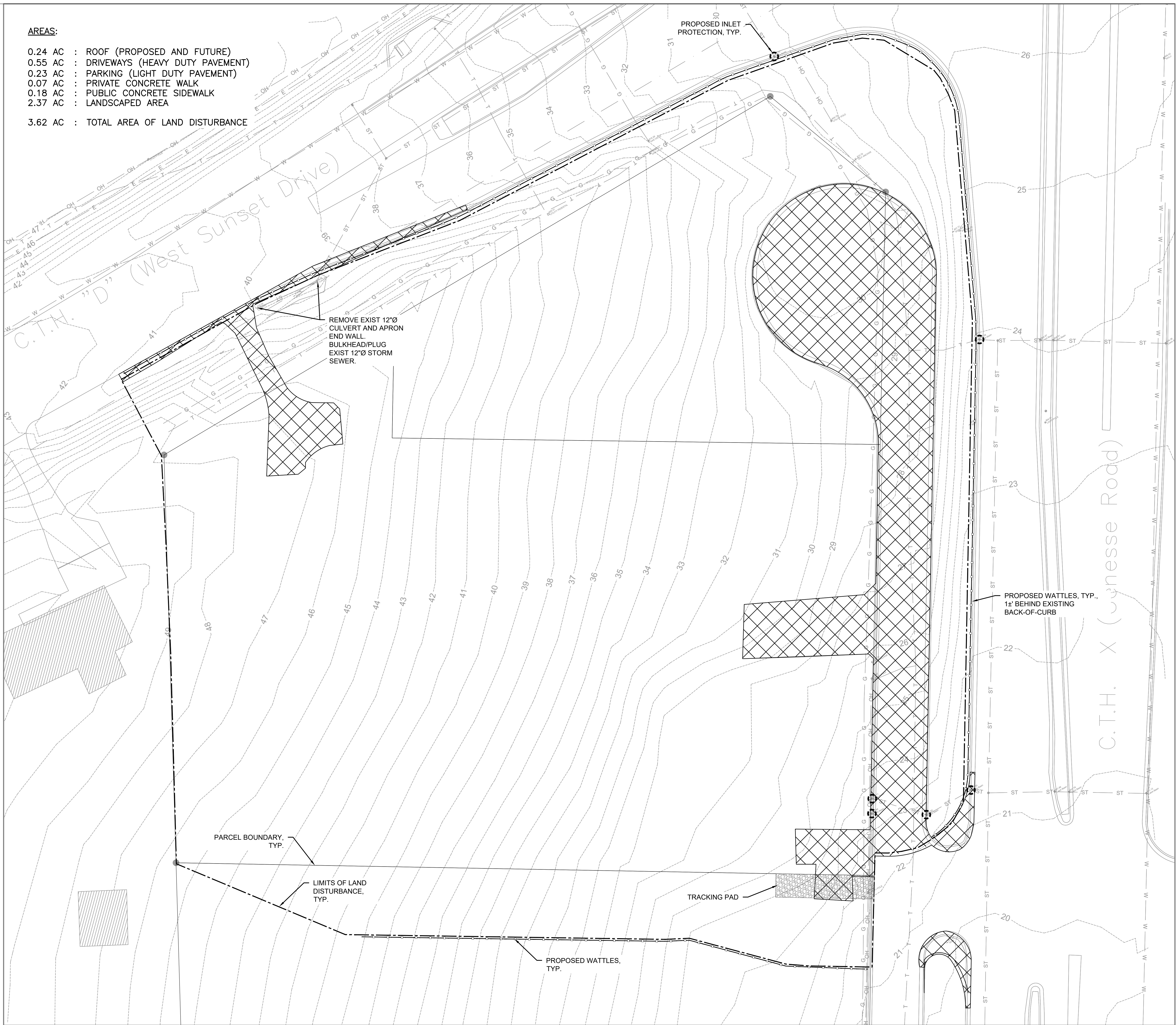
1 EXISTING SITE PLAN SCALE: 1"=20'

NOT FOR  
CONSTRUCTION

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE
		ASPHALT PAVEMENT AND CONCRETE CURB AND GUTTER REMOVAL
		INLET PROTECTION
		WATTLES

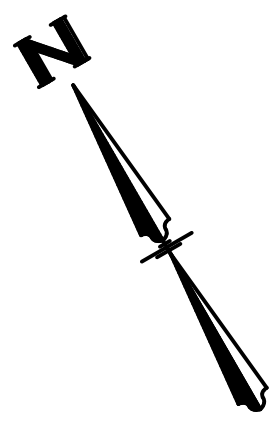
AREAS:

- 0.24 AC : ROOF (PROPOSED AND FUTURE)
- 0.55 AC : DRIVEWAYS (HEAVY DUTY PAVEMENT)
- 0.23 AC : PARKING (LIGHT DUTY PAVEMENT)
- 0.07 AC : PRIVATE CONCRETE WALK
- 0.18 AC : PUBLIC CONCRETE SIDEWALK
- 2.37 AC : LANDSCAPED AREA
- 3.62 AC : TOTAL AREA OF LAND DISTURBANCE

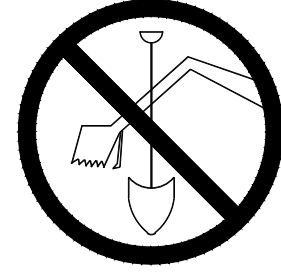


EROSION CONTROL NOTES:

1. WATTLES: 2,387± L.F. SEE DETAIL 1 SHEET C500.
2. TRACKING PAD: SEE DETAIL 2 SHEET C500
3. INLET PROTECTION: SEE DETAIL 3 SHEET C500
4. COMPLY WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSERVATION PRACTICE STANDARDS.
5. COMPLY WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES GENERAL PERMIT TO DISCHARGE UNDER THE WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM WPDES PERMIT NO. WI-S067831-4.
6. COMPLY WITH WISCONSIN ADMINISTRATIVE CODE CH. NR216 SUBCH. III - CONSTRUCTION SITE STORM WATER DISCHARGE PERMITS.
7. INSPECTIONS: INSPECT SITE EROSION CONTROL DEVICES ONCE EACH WEEK AND AFTER EACH 1/2" OR GREATER RAINFALL EVENT. REMEDY DEFICIENCIES IMMEDIATELY.
8. IMMEDIATELY RELOCATE OR REPLACE BEST MANAGEMENT PRACTICES MOVED DURING CONSTRUCTION OPERATIONS.



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Drawing Date

06/07/2019

FROEDTERT SUNSET  
DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title  
DEMOLITION &  
EROSION CONTROL  
PLAN

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Sheet No.  
C-201

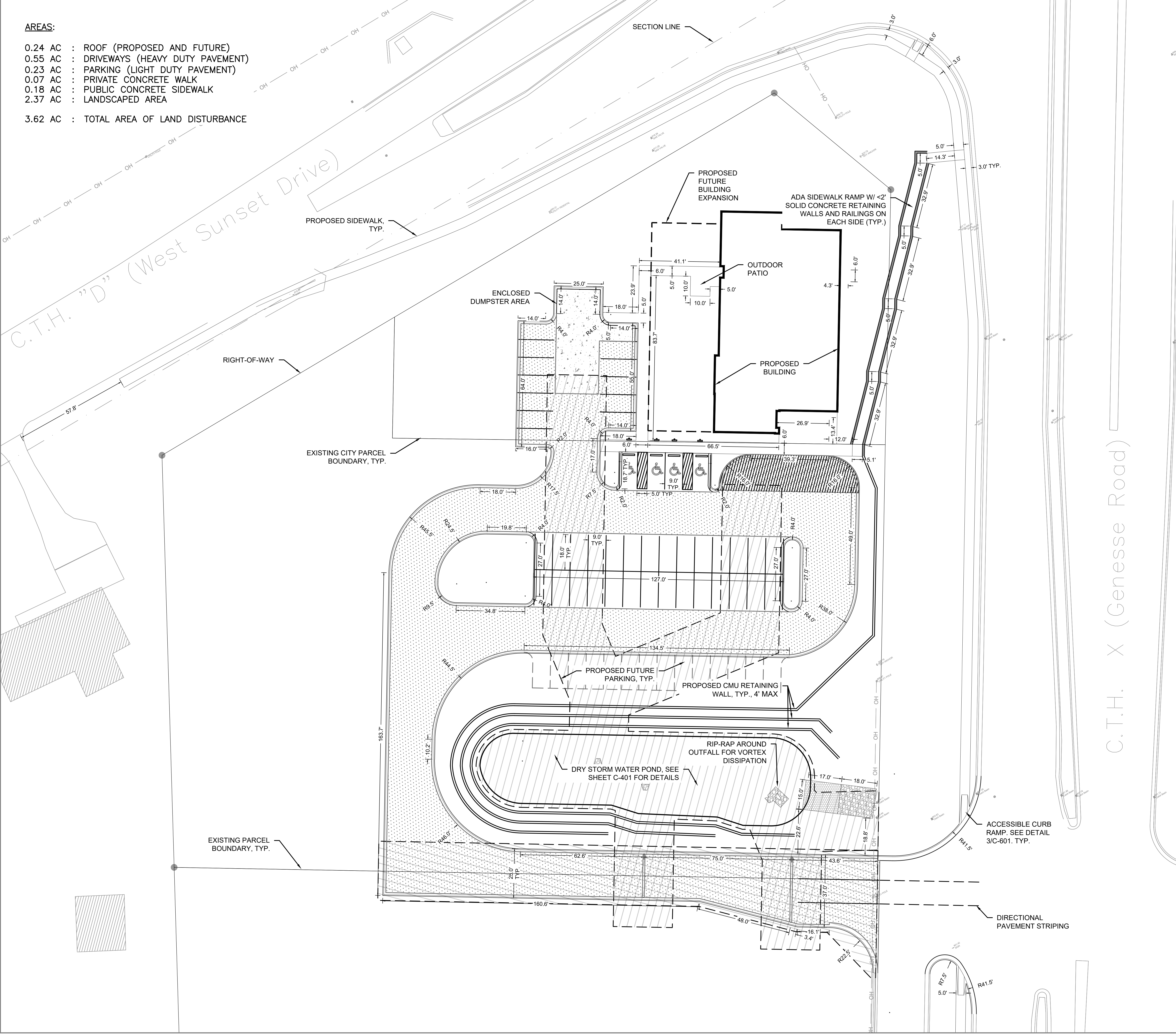
NOT FOR CONSTRUCTION

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE
		HEAVY DUTY PAVEMENT (SEE DETAIL 2/C-602)
		REJECTING CURB-AND-GUTTER (SEE DETAIL 2/C-601)
		MEDIUM RIPRAP
		C350 NAG TRM (SEE DETAIL 6/C-602)
		CONCRETE PAVEMENT

**AREAS:**

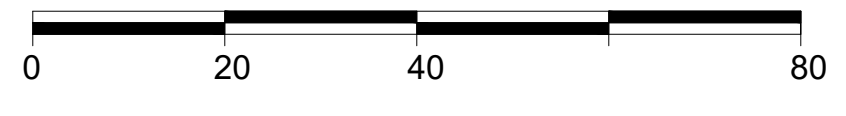
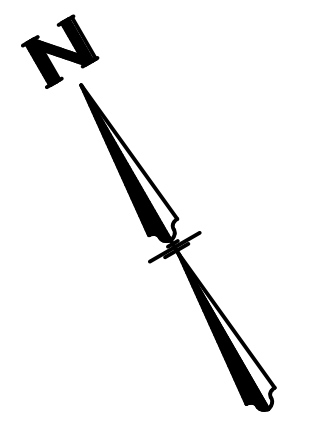
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- 0.55 AC : DRIVEWAYS (HEAVY DUTY PAVEMENT)
- 0.23 AC : PARKING (LIGHT DUTY PAVEMENT)
- 0.07 AC : PRIVATE CONCRETE WALK
- 0.18 AC : PUBLIC CONCRETE SIDEWALK
- 2.37 AC : LANDSCAPED AREA

3.62 AC : TOTAL AREA OF LAND DISTURBANCE

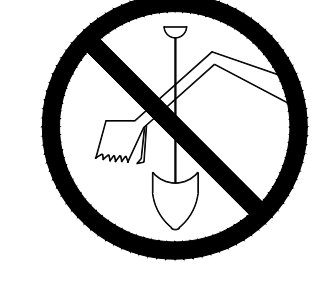


**NOTES:**

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1  
C-301  
**DIMENSIONED SITE PLAN**  
SCALE: 1"=20'

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW  
SCOPE DOCUMENTS  
Drawing Date  
06/07/2019

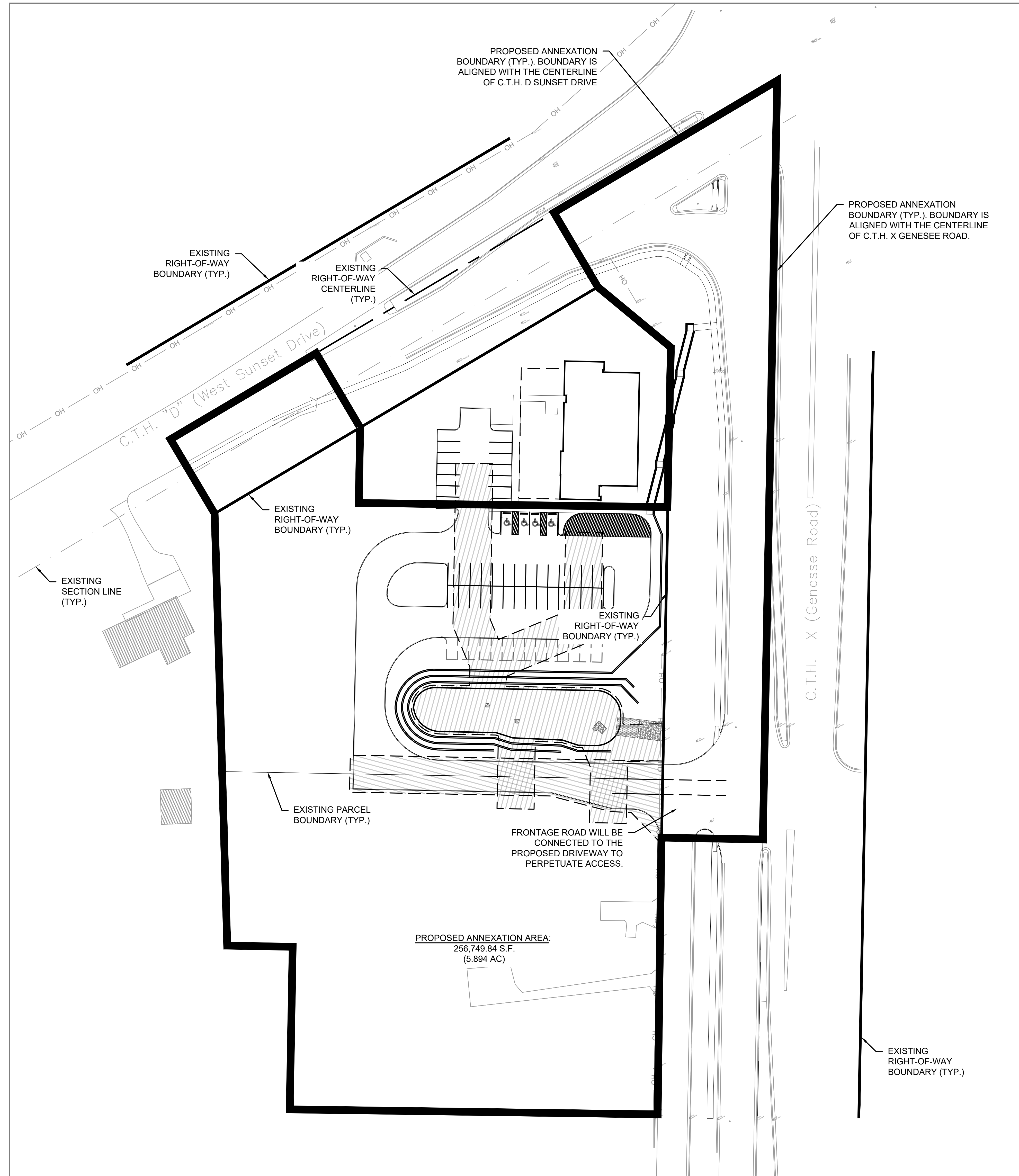
**FROEDTERT SUNSET DRIVE CLINIC**

Project No. FROEDTERT HEALTH  
218082.00  
Sheet Title  
**DIMENSIONED SITE PLAN**

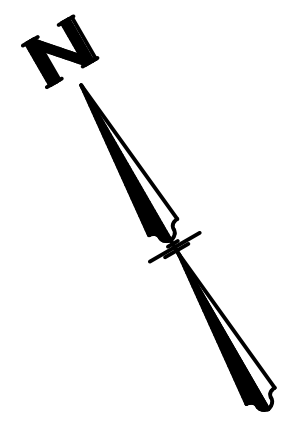
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Sheet No.  
**C-301**

NOT FOR CONSTRUCTION

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE
		HEAVY DUTY PAVEMENT (SEE DETAIL 2/C-602)
		REJECTING CURB-AND-GUTTER (SEE DETAIL 2/C-601)
		MEDIUM RIPRAP
		C350 NAG TRM (SEE DETAIL 6/C-602)
		CONCRETE PAVEMENT

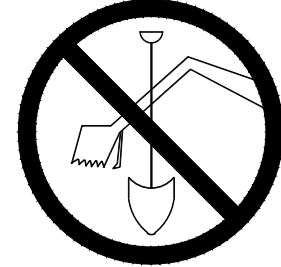


- NOTES:
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0 40 80 160

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



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1  
C-302

ANNEXATION SITE PLAN EXHIBIT  
SCALE: 1"=40'

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date

06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title

ANNEXATION SITE PLAN EXHIBIT

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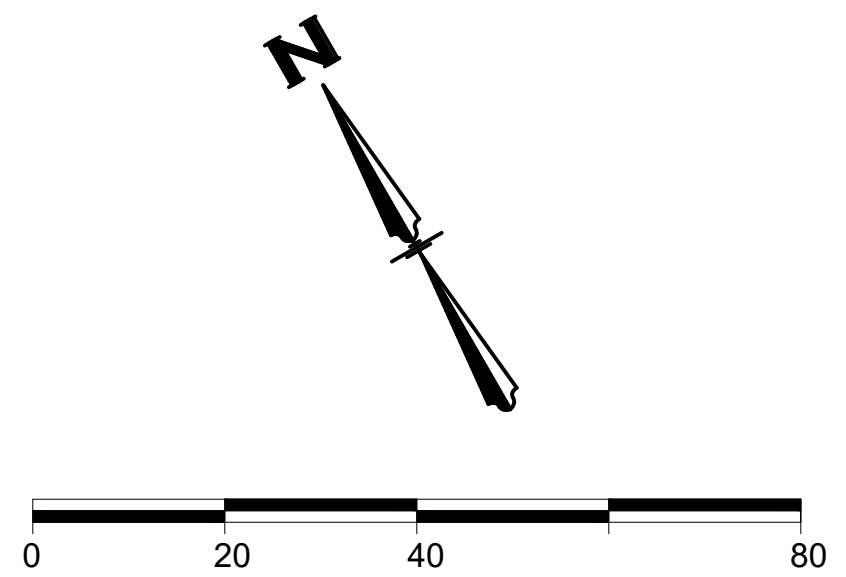
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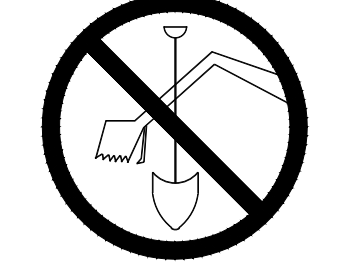
C-302

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		CONCRETE FLARED END SECTION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE
		HEAVY DUTY PAVEMENT (SEE DETAIL 2/C-602)
		REJECTING CURB-AND-GUTTER (SEE DETAIL 2/C-601)
		MEDIUM RIPRAP
		C350 NORTH AMERICAN GREEN (SEE DETAIL 6/C-602)
		S75BN NORTH AMERICAN GREEN (SEE DETAIL 6/C-602)

- GENERAL NOTES:**
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  - VERTICAL DATUM FOR THE PROJECT SURVEY IS CITY OF WAUKESHA. CONVERSION TO USGS IS 780.558.
  - CONSTRUCTION SHALL CONFORM TO CITY OF WAUKESHA STANDARD CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
  - WORK IN C.T.H. D SUNSET DRIVE AND IN C.T.H. X GENESEE ROAD RIGHT-OF-WAY REQUIRES TRAFFIC CONTROL. TRAFFIC CONTROL SHALL CONFORM TO THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION AND THE WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) MANUALS ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), LATEST EDITIONS.
  - ASSURE ALL EROSION CONTROL DEVICES ARE INSTALLED BEFORE BEGINNING DEMOLITION AND CONSTRUCTION WORK.
  - CLEAN UP AND RESTRICT ACCESS TO WORK AREAS AT THE END OF EACH DAY. SWEEP TRACKING ON PUBLIC ROADWAYS.
  - SPOT GRADES AT CONCRETE CURB-AND-GUTTER IS A THE FLANGE-OF-CURB (A.K.A., EDGE-OF-PAVEMENT).

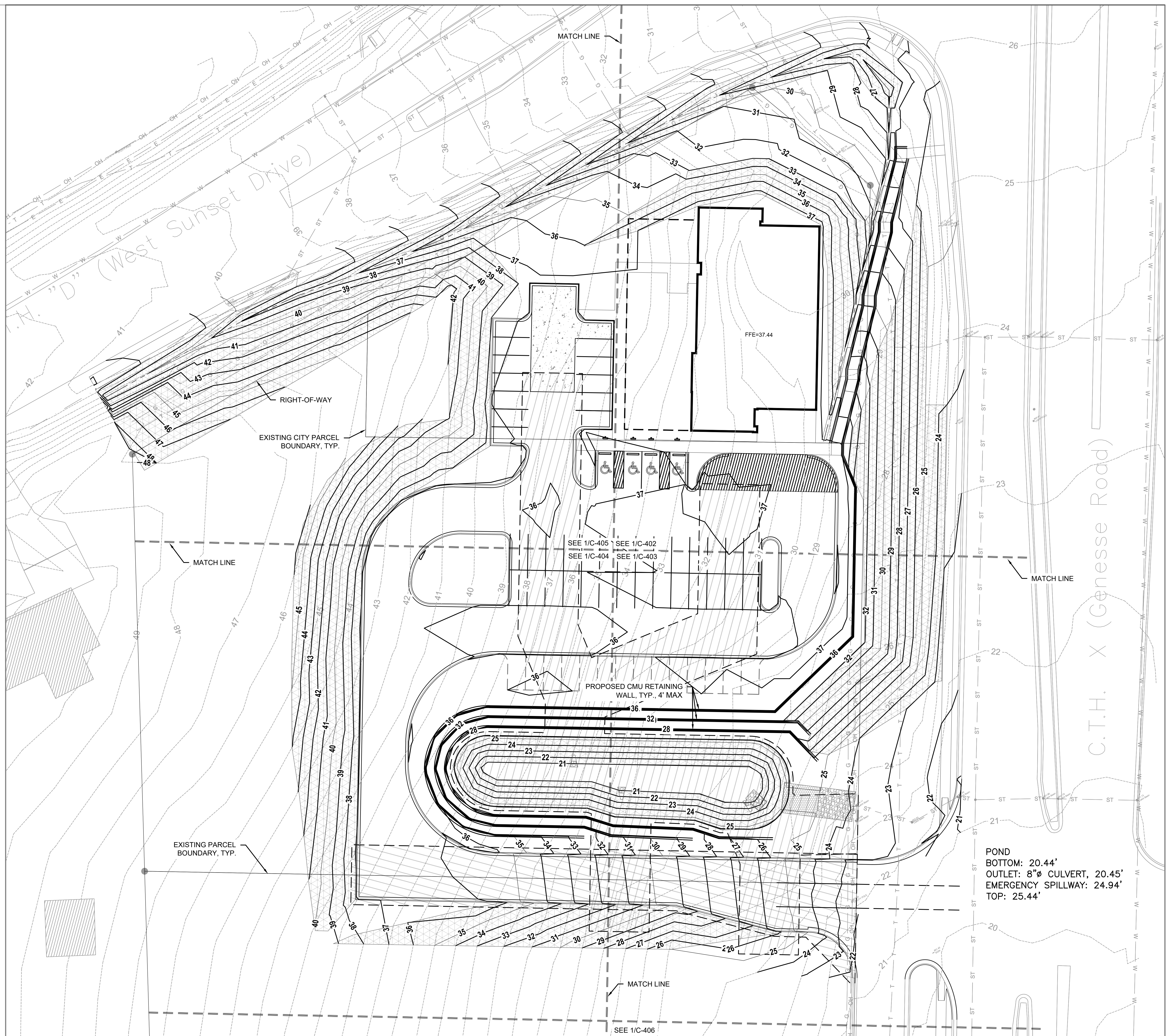


TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



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WIS STATUTE 192.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

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**FROEDTERT SUNSET DRIVE CLINIC**

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title  
**GRADING & EROSION CONTROL PLAN**

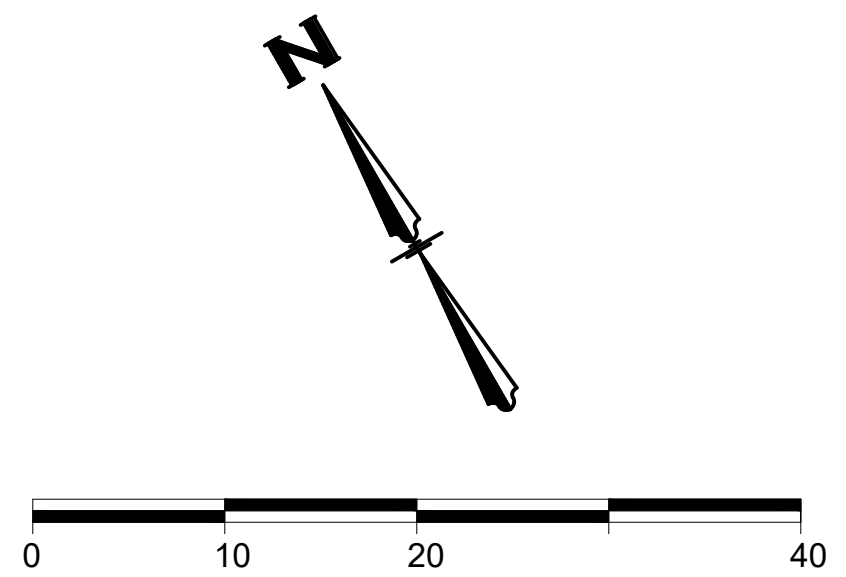
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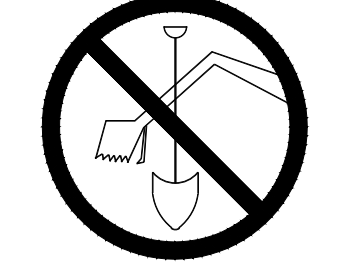
Sheet No.  
**C-401**

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
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		SEWER STRUCTURE
		HEAVY DUTY PAVEMENT (SEE DETAIL 2/C-602)
		REJECTING CURB-AND-GUTTER (SEE DETAIL 2/C-601)
		MEDIUM RIPRAP
		C350 NORTH AMERICAN GREEN (SEE DETAIL 6/C-602)
		S75BN NORTH AMERICAN GREEN (SEE DETAIL 6/C-602)

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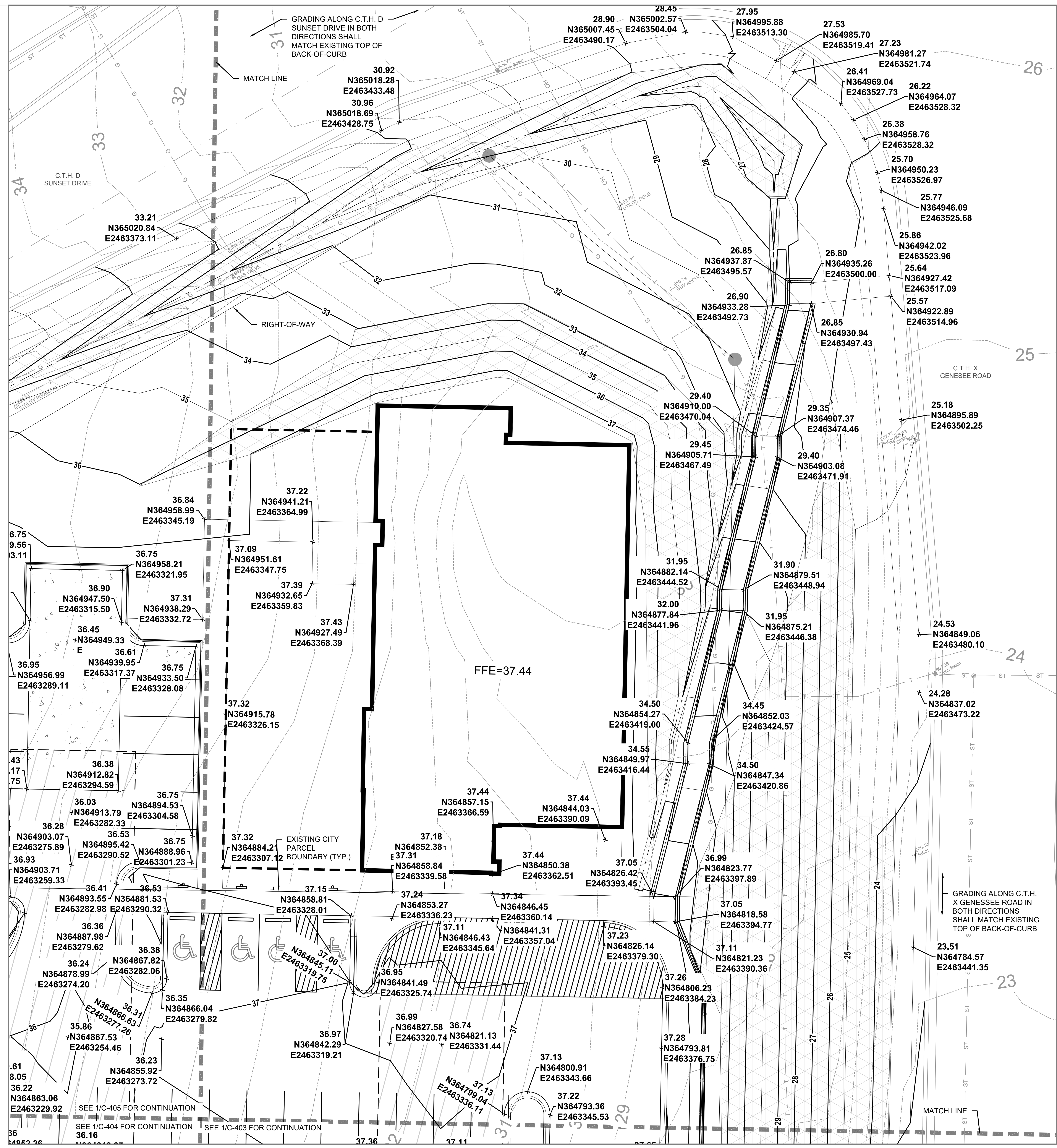


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1 GRADING & EROSION CONTROL PLAN  
C-402 SCALE: 1"=10'

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW  
SCOPE DOCUMENTS

Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH 218082.00

Sheet Title GRADING & EROSION CONTROL PLAN

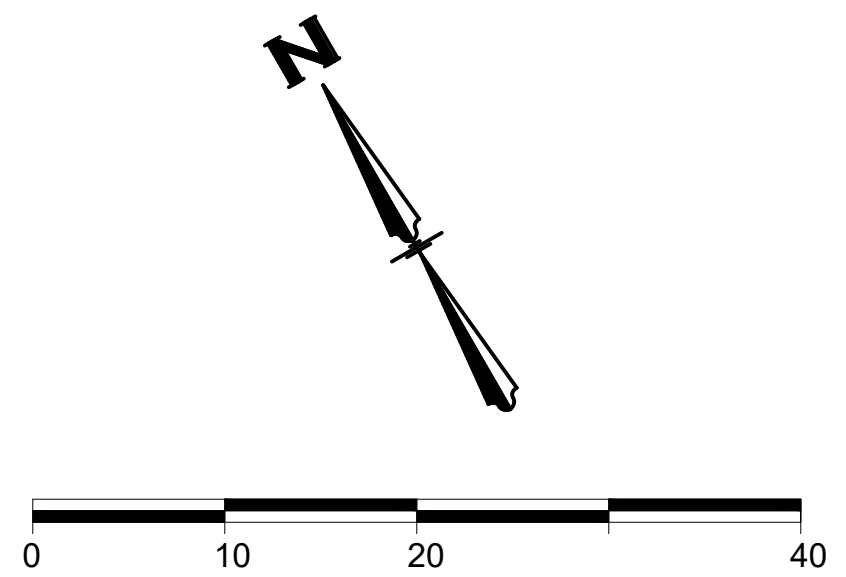
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Sheet No. C-402

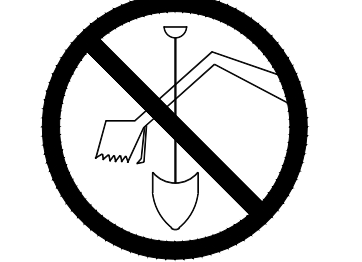
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		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE
		HEAVY DUTY PAVEMENT (SEE DETAIL 2/C-602)
		REJECTING CURB-AND-GUTTER (SEE DETAIL 2/C-601)
		MEDIUM RIPRAP
		C350 NORTH AMERICAN GREEN (SEE DETAIL 6/C-602)
		S75BN NORTH AMERICAN GREEN (SEE DETAIL 6/C-602)

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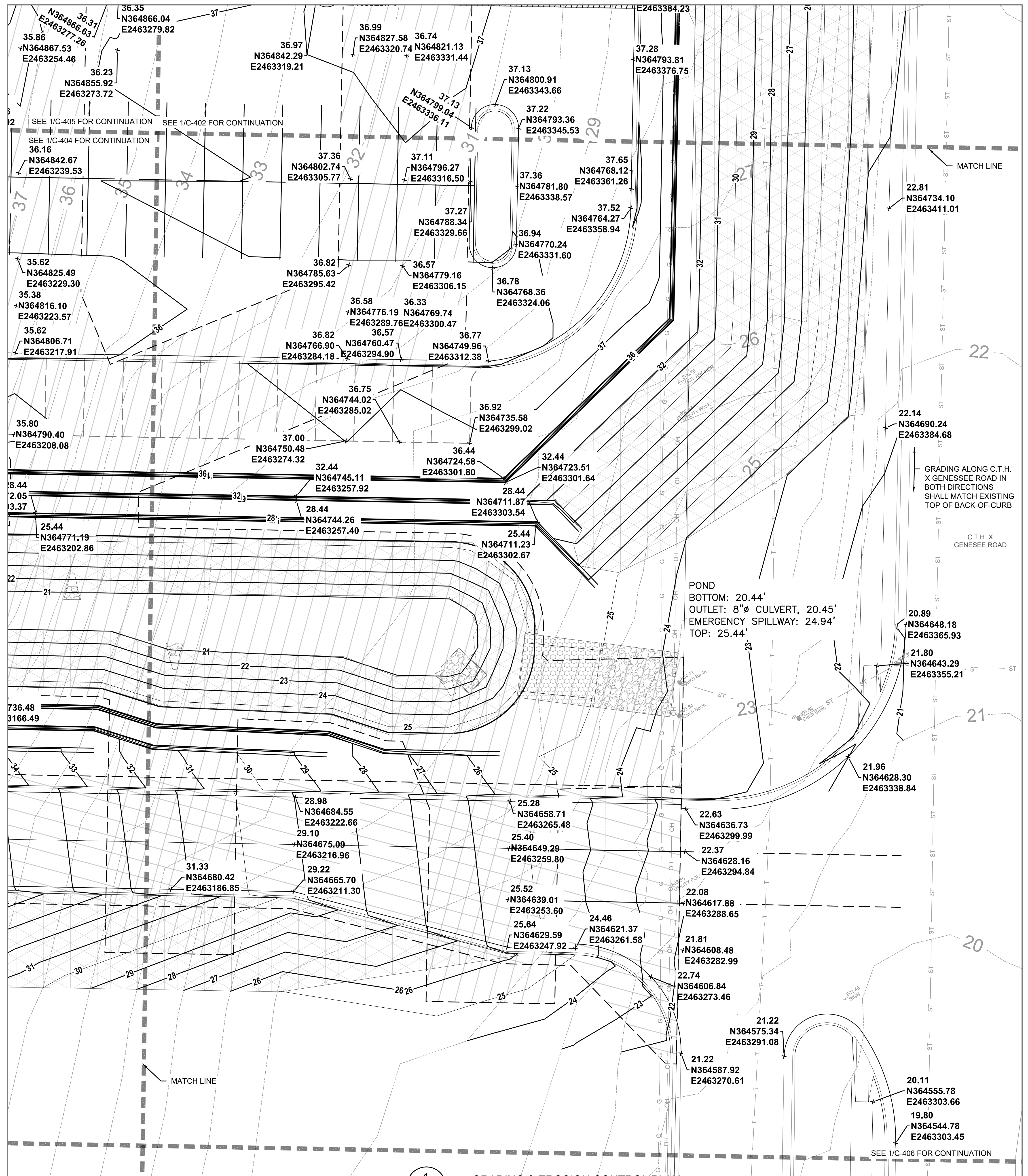


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WIS STATUTE 192.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

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1 GRADING & EROSION CONTROL PLAN  
C-403 SCALE: 1"=10'

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH 218082.00

Sheet Title GRADING & EROSION CONTROL PLAN

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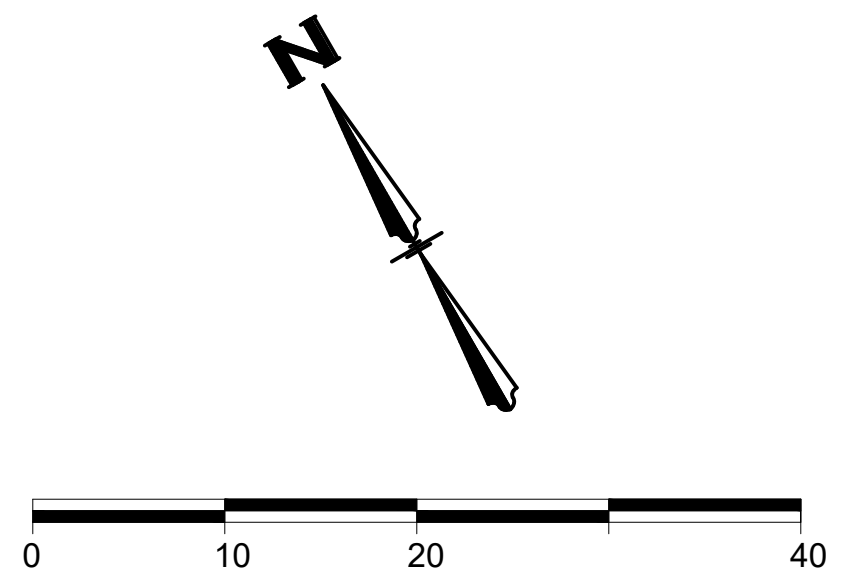
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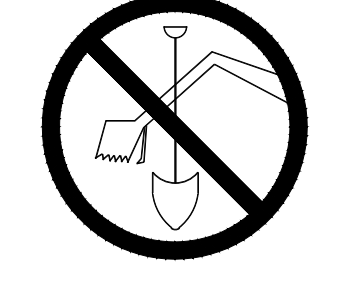
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		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
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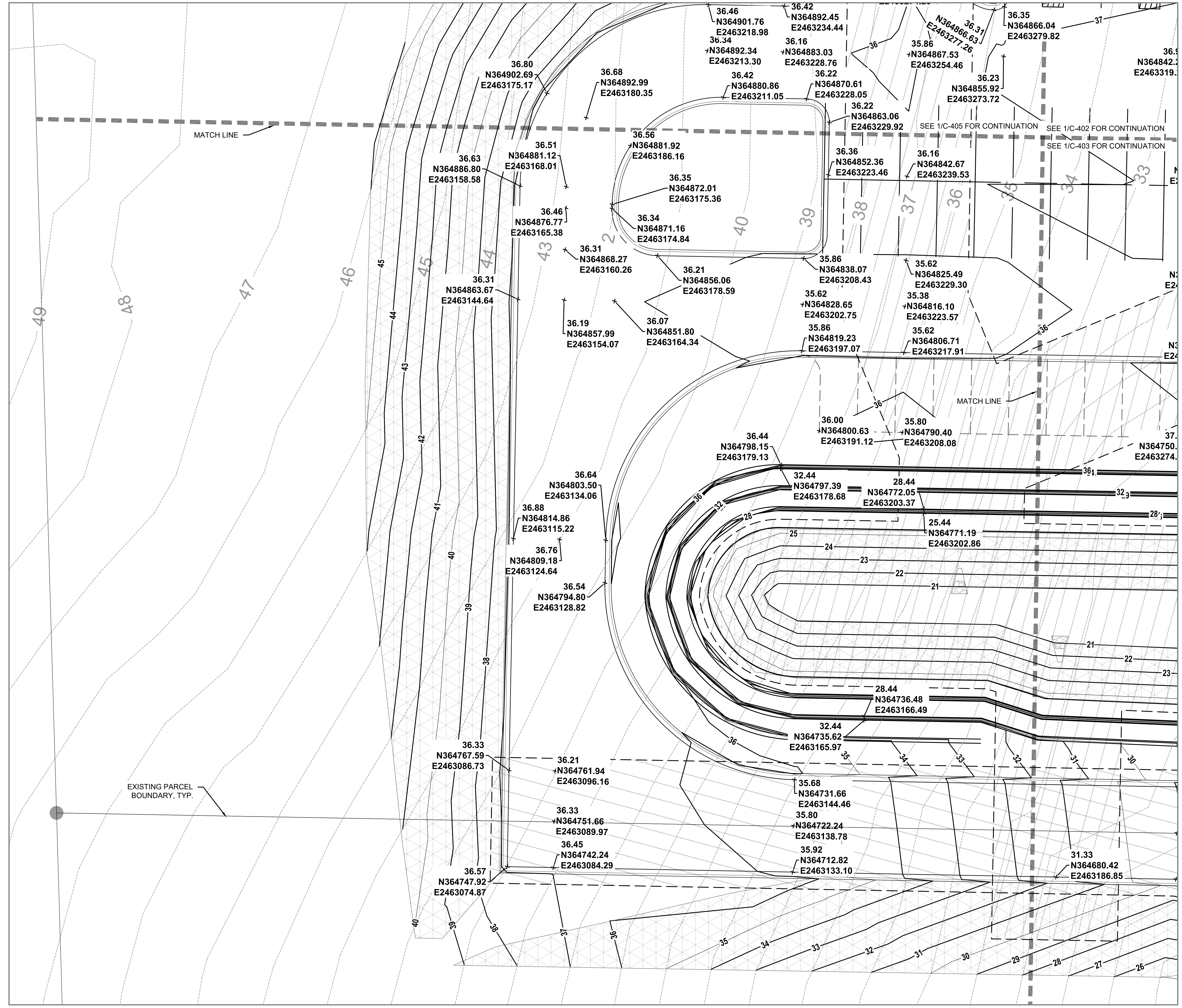


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C-404 SCALE: 1"=10'

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH 218082.00

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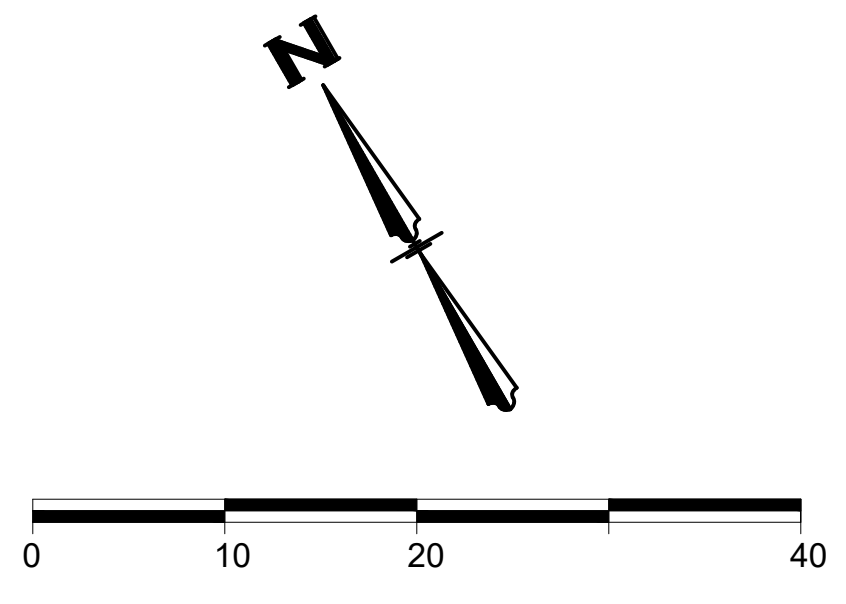
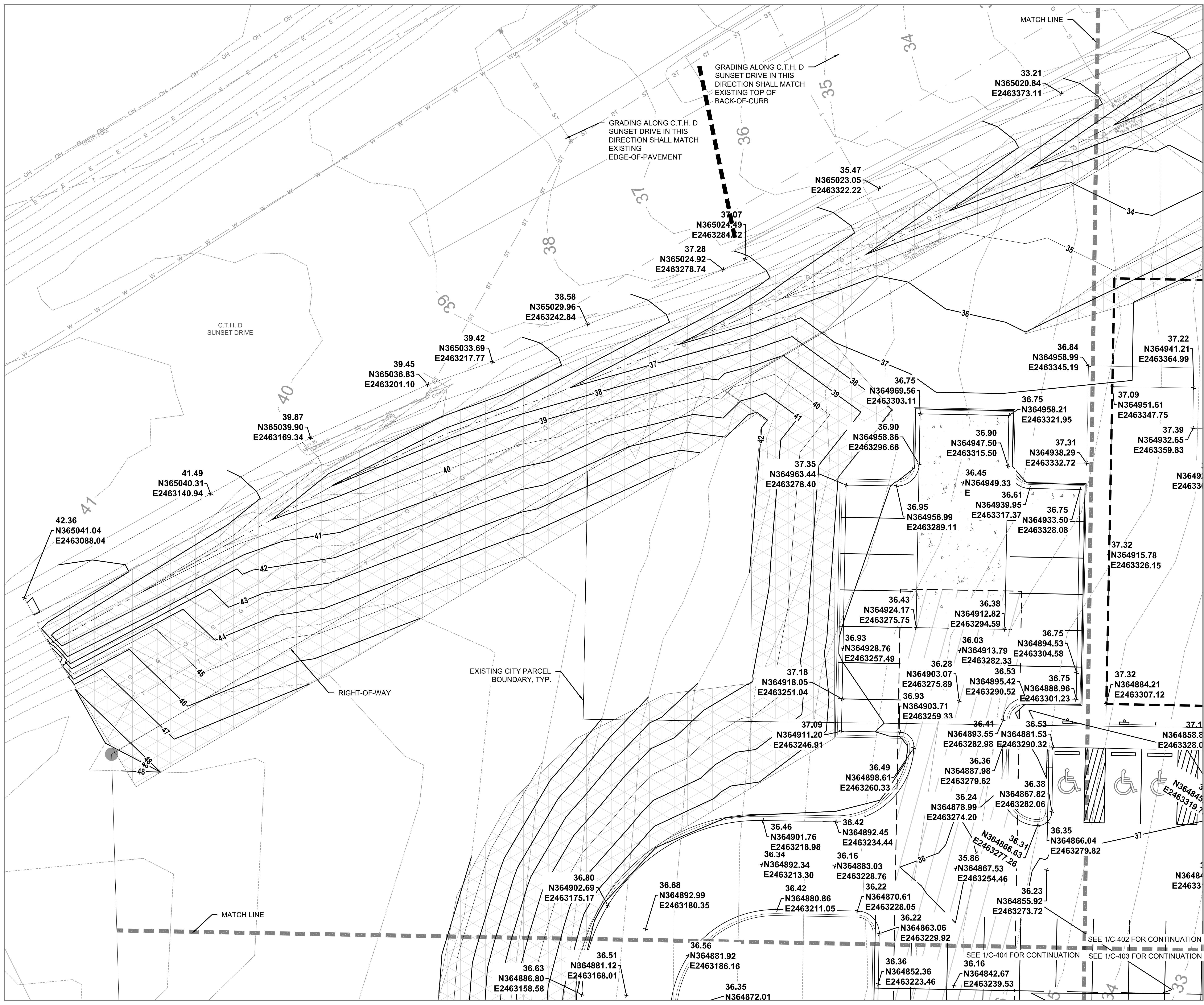
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**EXISTING**     **PROPOSED**

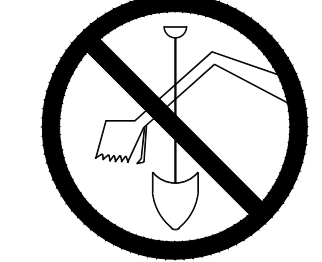
MAJOR CONTOUR  
MINOR CONTOUR  
OVERHEAD ELECTRICAL  
WATER PIPE  
STORM SEWER  
CONCRETE FLARED END SECTION  
GAS PIPE  
TELECOMMUNICATION

STRUCTURE  
SIGN  
TREE  
WATER VALVE  
FIRE HYDRANT  
LIGHT POLE  
PEDESTAL  
UTILITY POLE  
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SEWER STRUCTURE  
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C-405 SCALE: 1"=10'

Revisions

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SCOPE DOCUMENTS  
Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

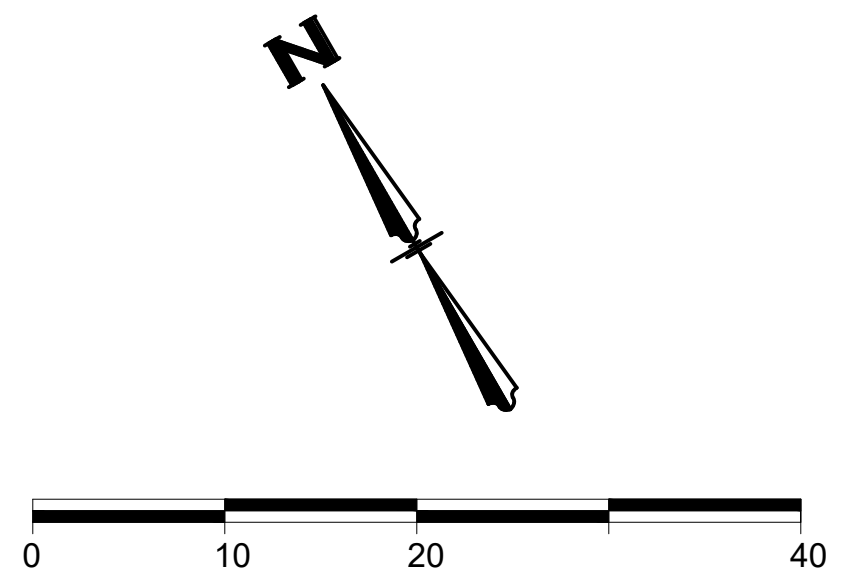
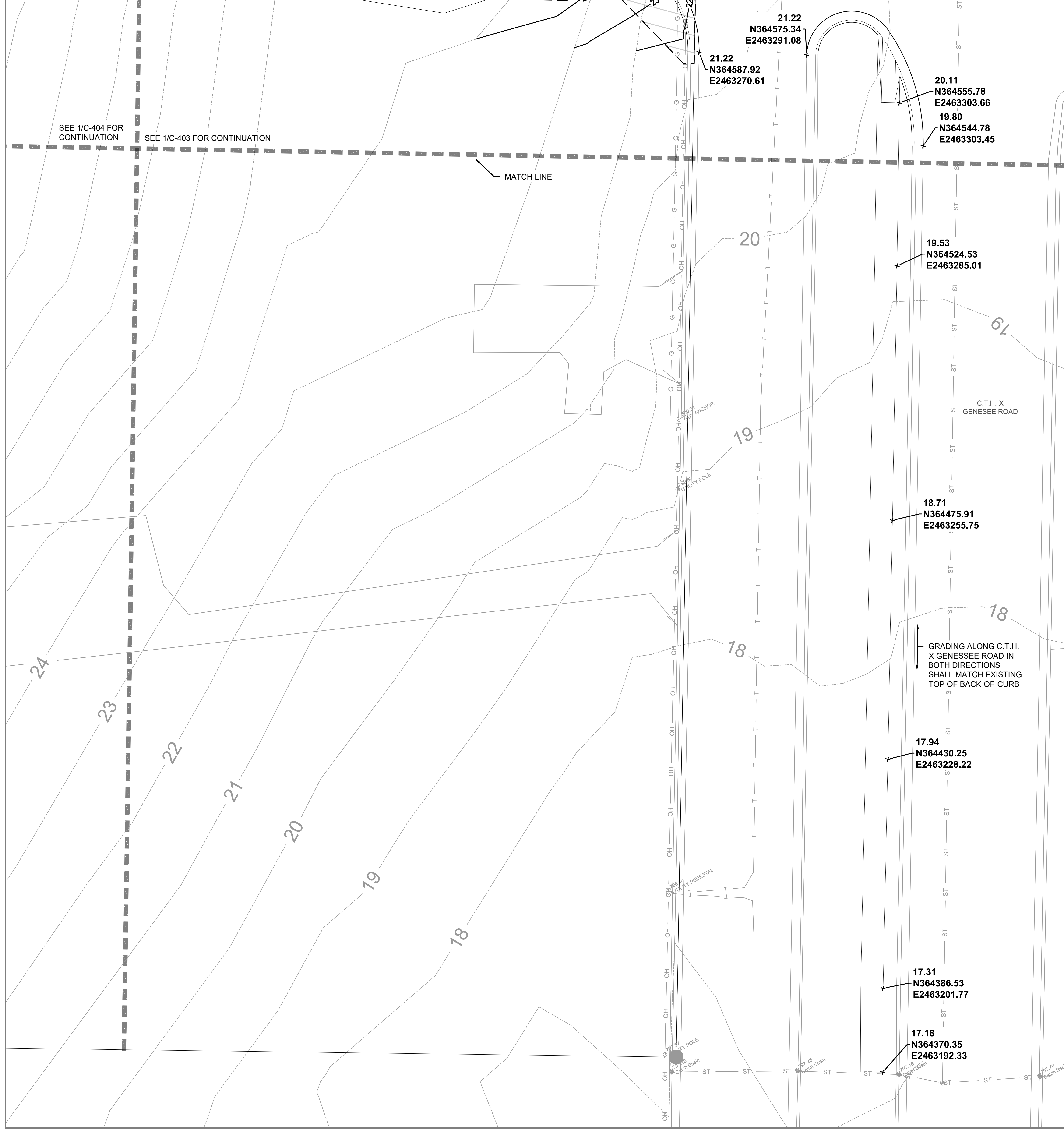
Project No. FROEDTERT HEALTH  
218082.00

Sheet Title  
GRADING & EROSION CONTROL PLAN

NOT FOR CONSTRUCTION

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
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1  
C-406 GRADING & EROSION CONTROL PLAN  
SCALE: 1"=10'

Revisions

CITY OF WAUKESHA PLAN  
COMMISSION REVIEW  
SCOPE DOCUMENTS  
Drawing Date  
06/07/2019

FROEDTERT SUNSET  
DRIVE CLINIC

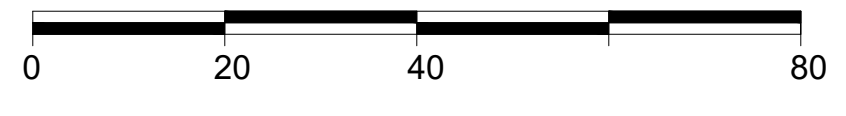
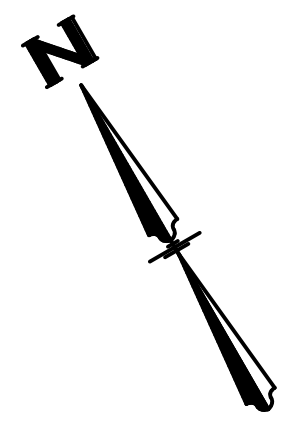
Project No. FROEDTERT HEALTH  
218082.00

Sheet Title  
GRADING & EROSION  
CONTROL PLAN

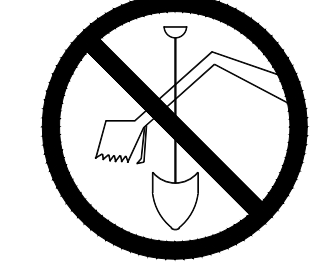
NOT FOR CONSTRUCTION

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		CONCRETE ENDWALL
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
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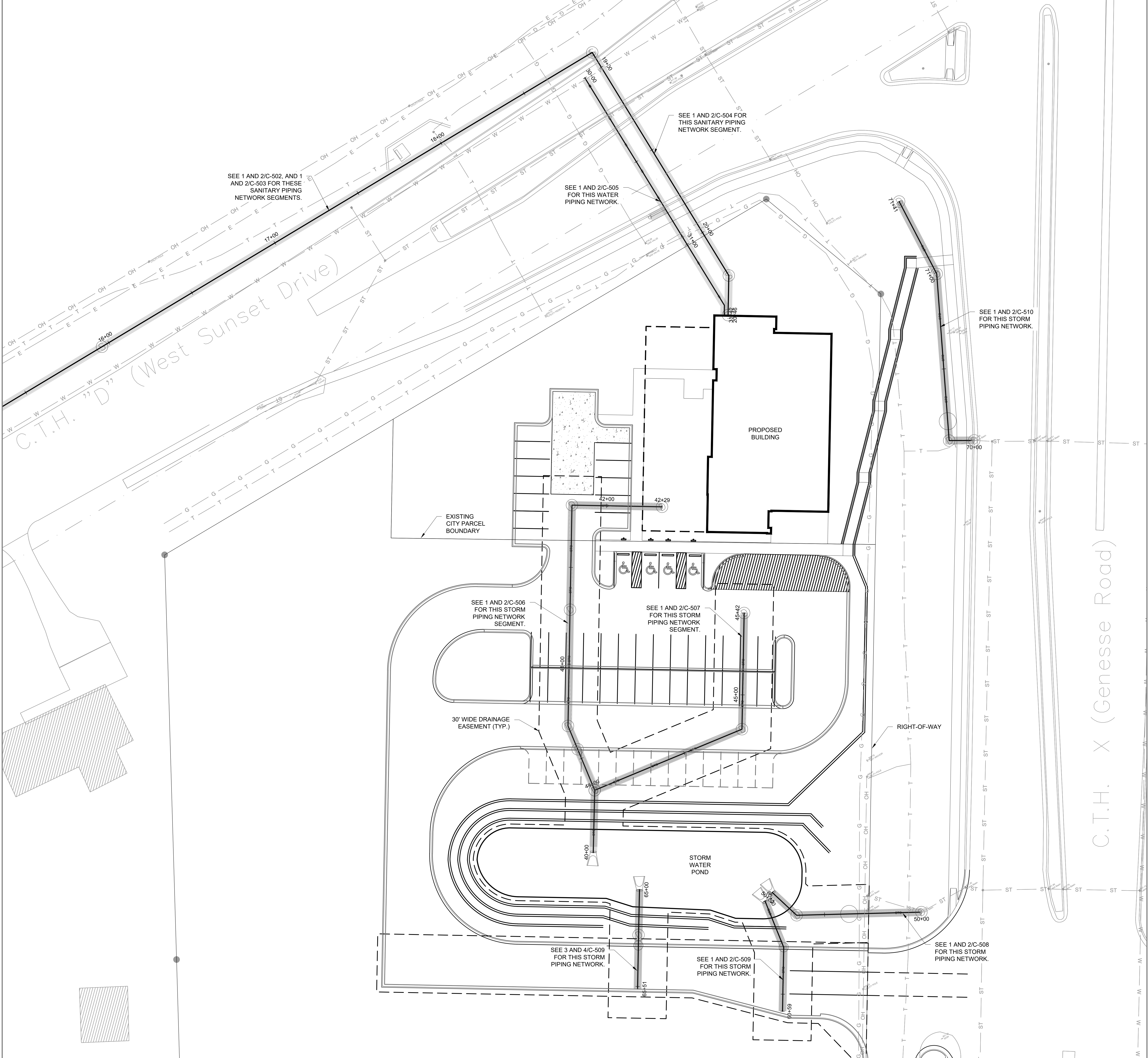


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1  
C-501

UTILITIES PLAN  
SCALE: 1"=20'

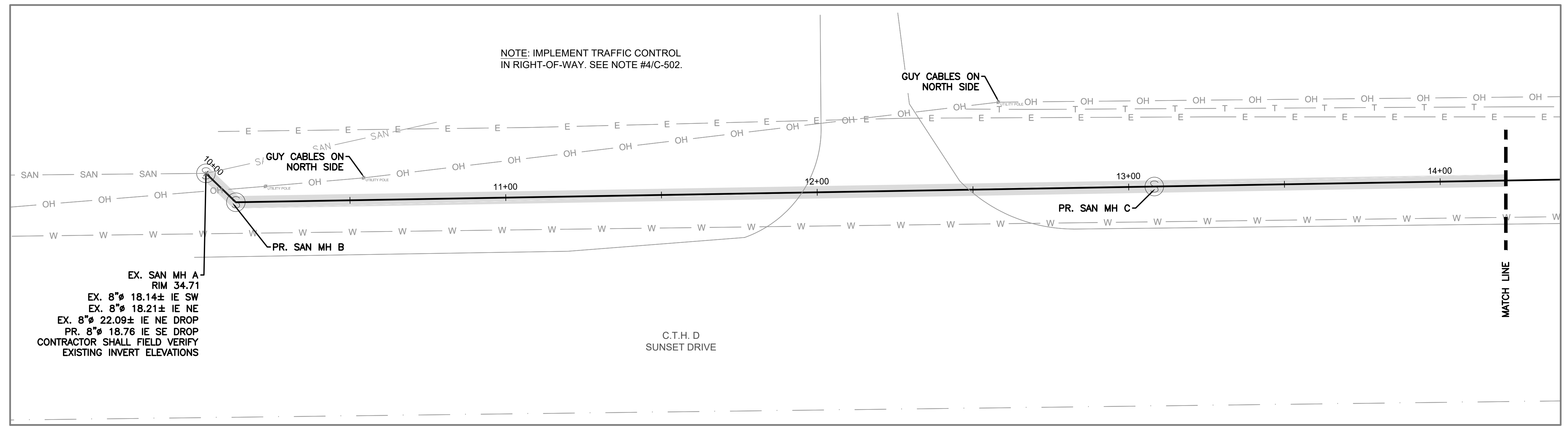
Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW  
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Drawing Date  
06/07/2019  
FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00  
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UTILITIES PLAN

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C-501

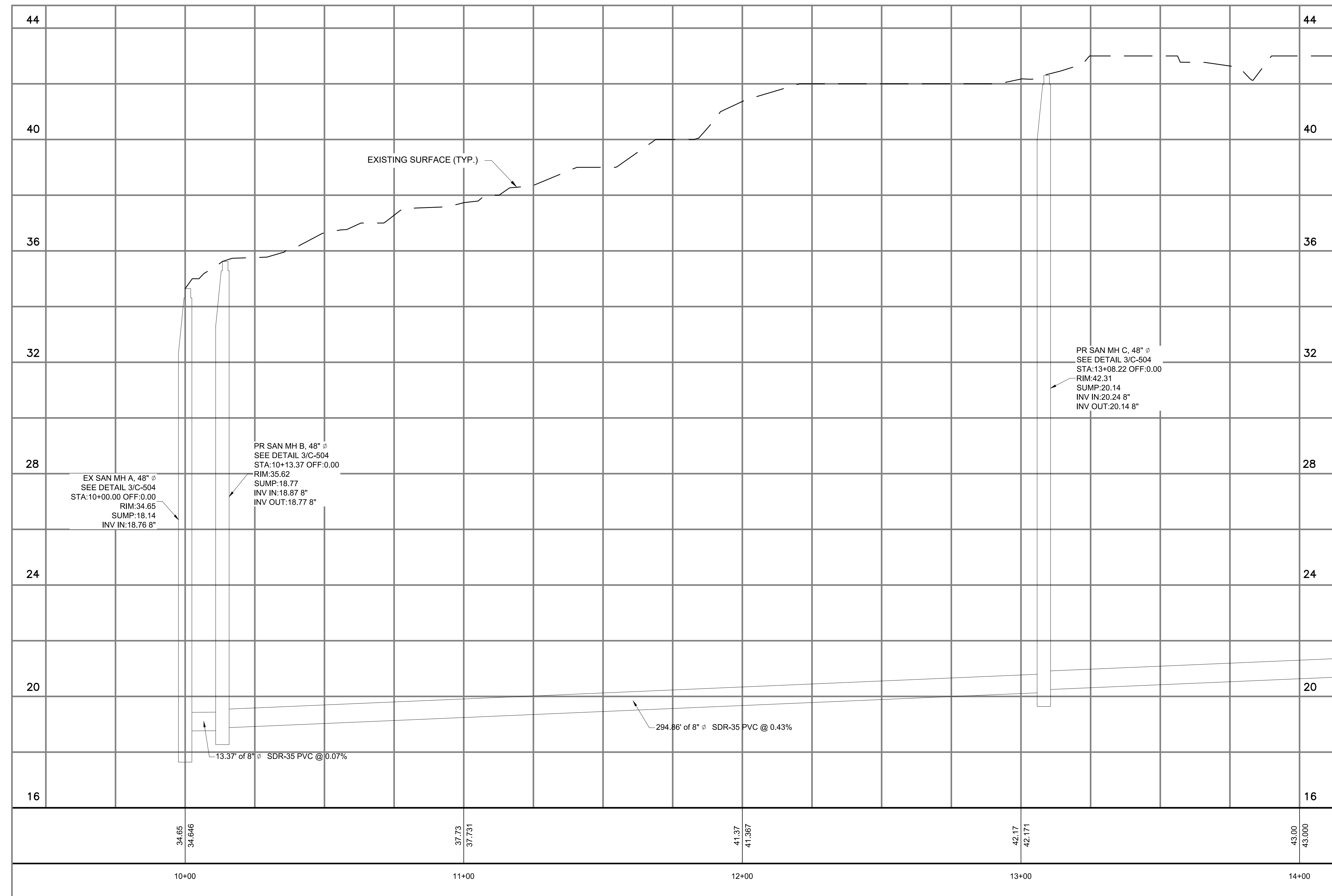
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		WATER PIPE
		STORM SEWER
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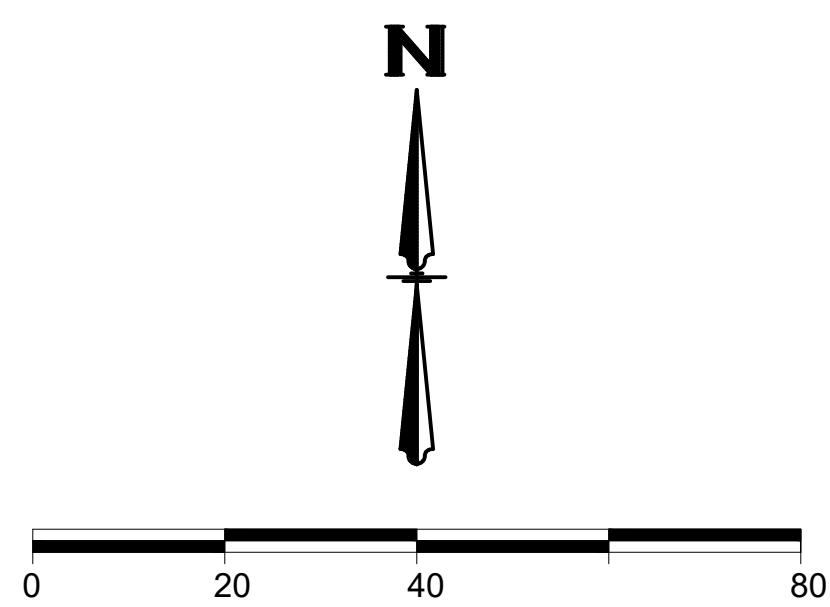
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C-502  
SANITARY PIPING PLAN  
SCALE: 1"=20'

GENERAL NOTES:

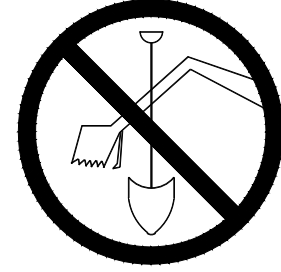
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2  
C-502  
SANITARY PIPING PROFILE  
SCALE: 1"=20' HORIZ.; 1"=2' VERT.



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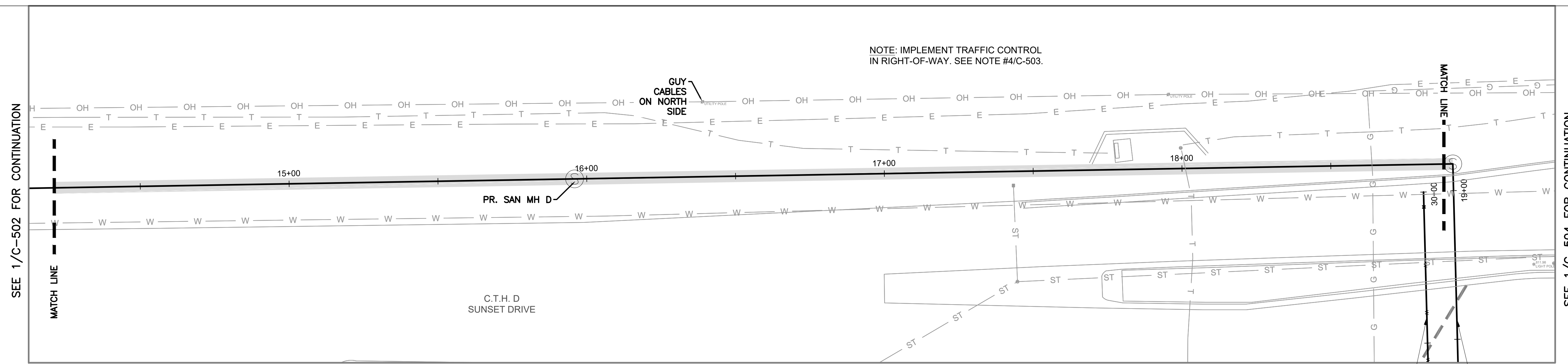
Project No. FROEDTERT HEALTH  
218082.00

Sheet Title

SANITARY PIPING PLAN & PROFILE

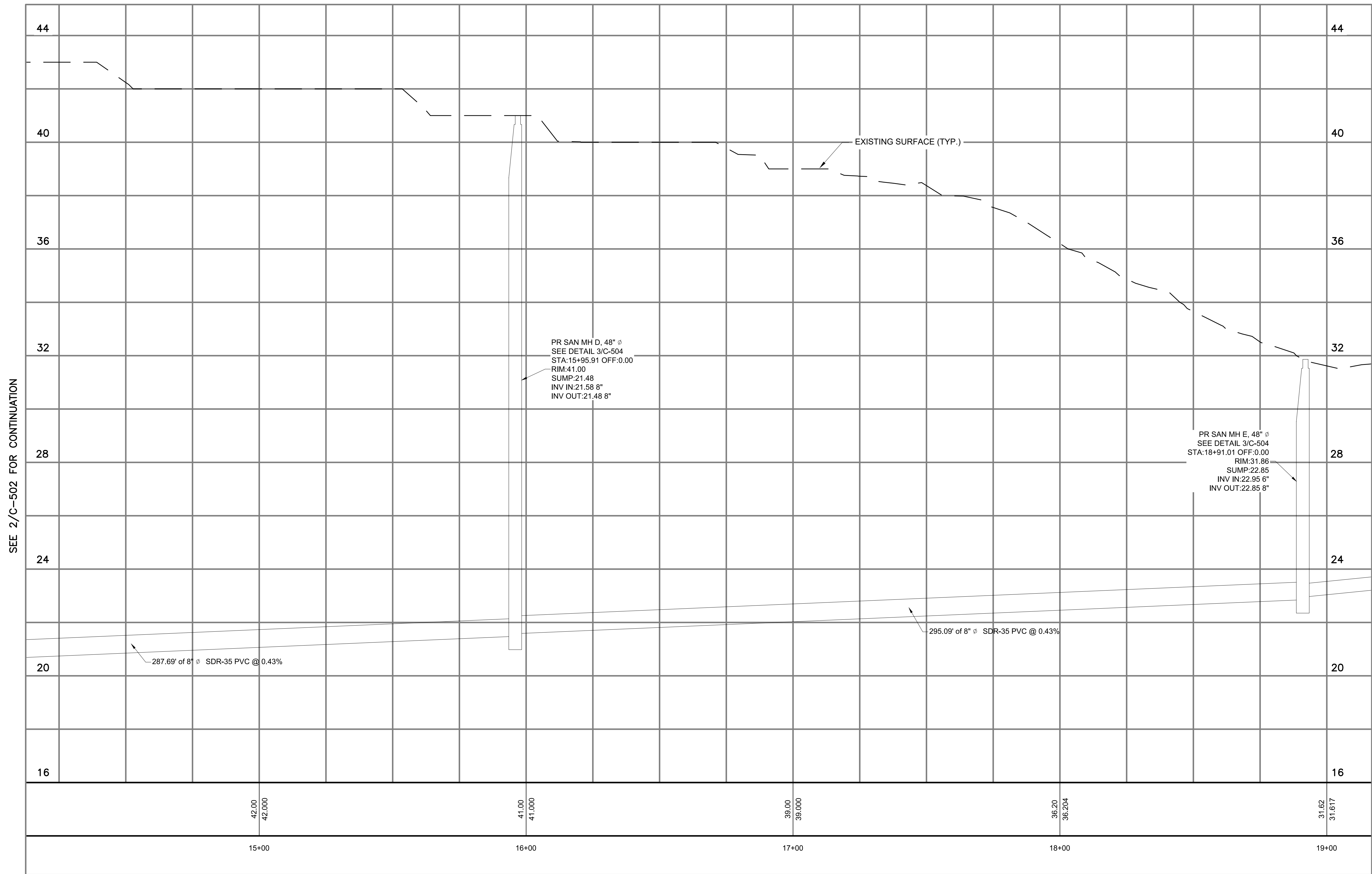
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EXISTING	PROPOSED	
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		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
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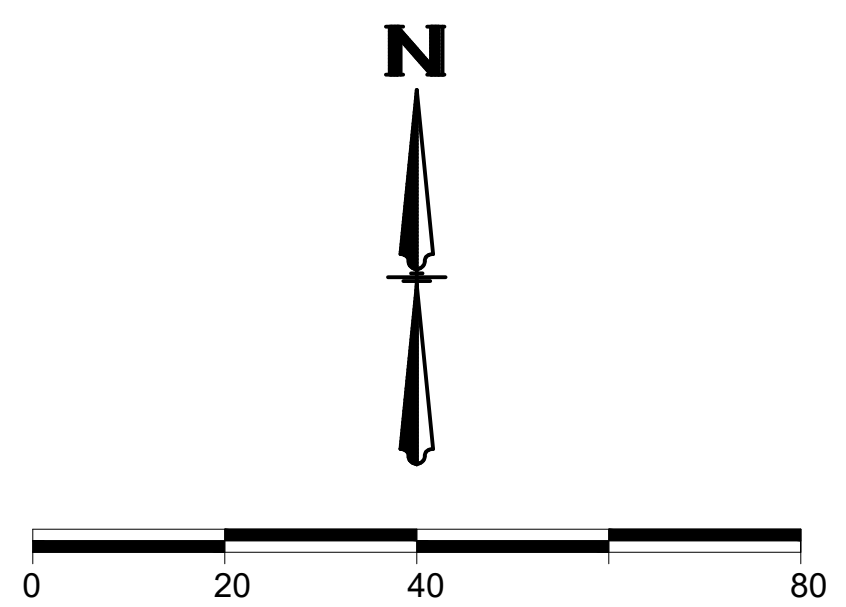


1 SANITARY PIPING PLAN  
C-503 SCALE: 1"=20'

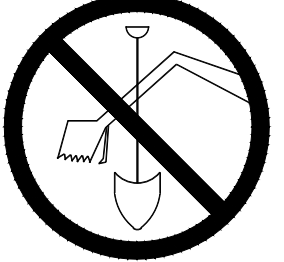
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Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date  
06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

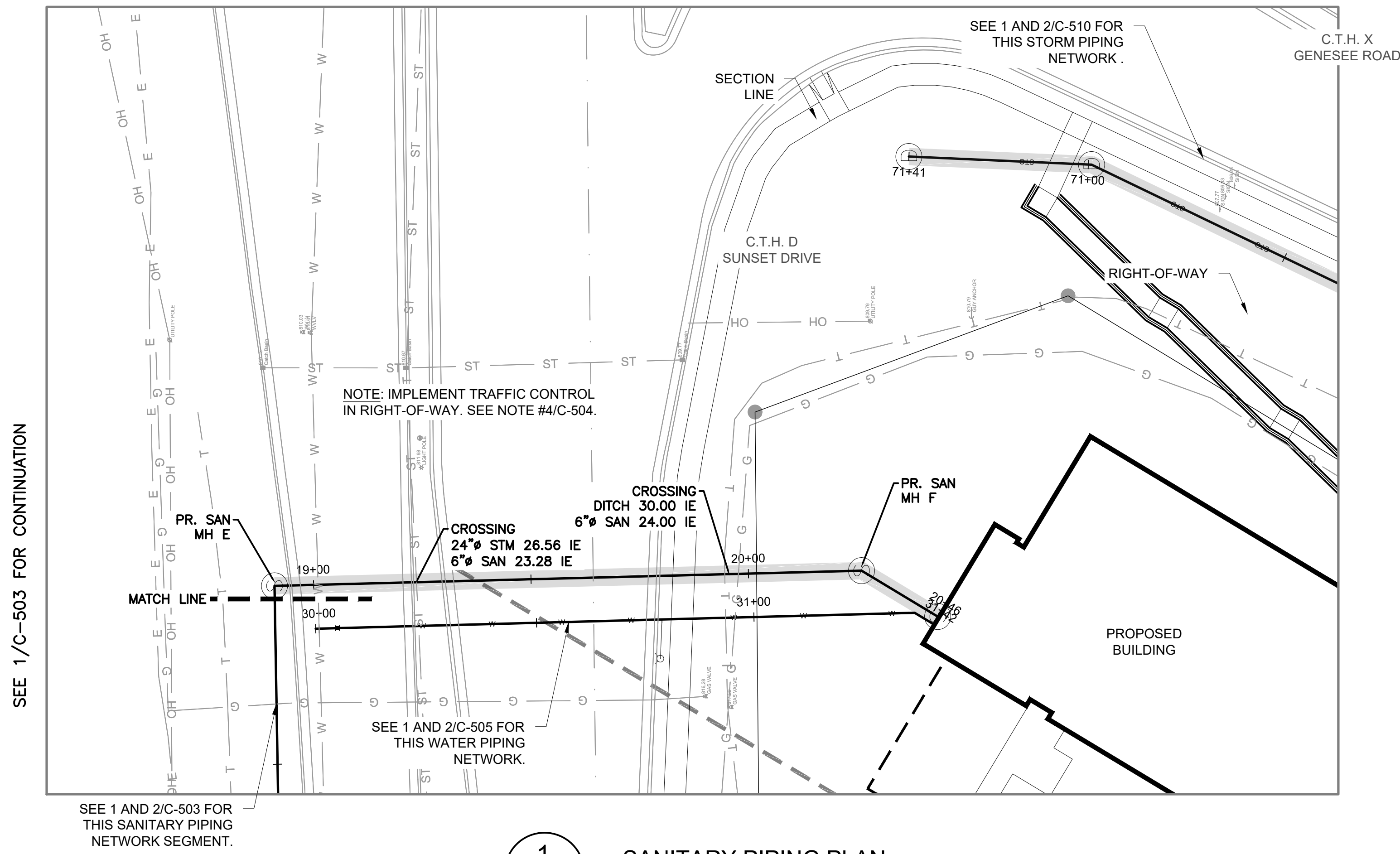
Sheet Title  
SANITARY PIPING PLAN & PROFILE

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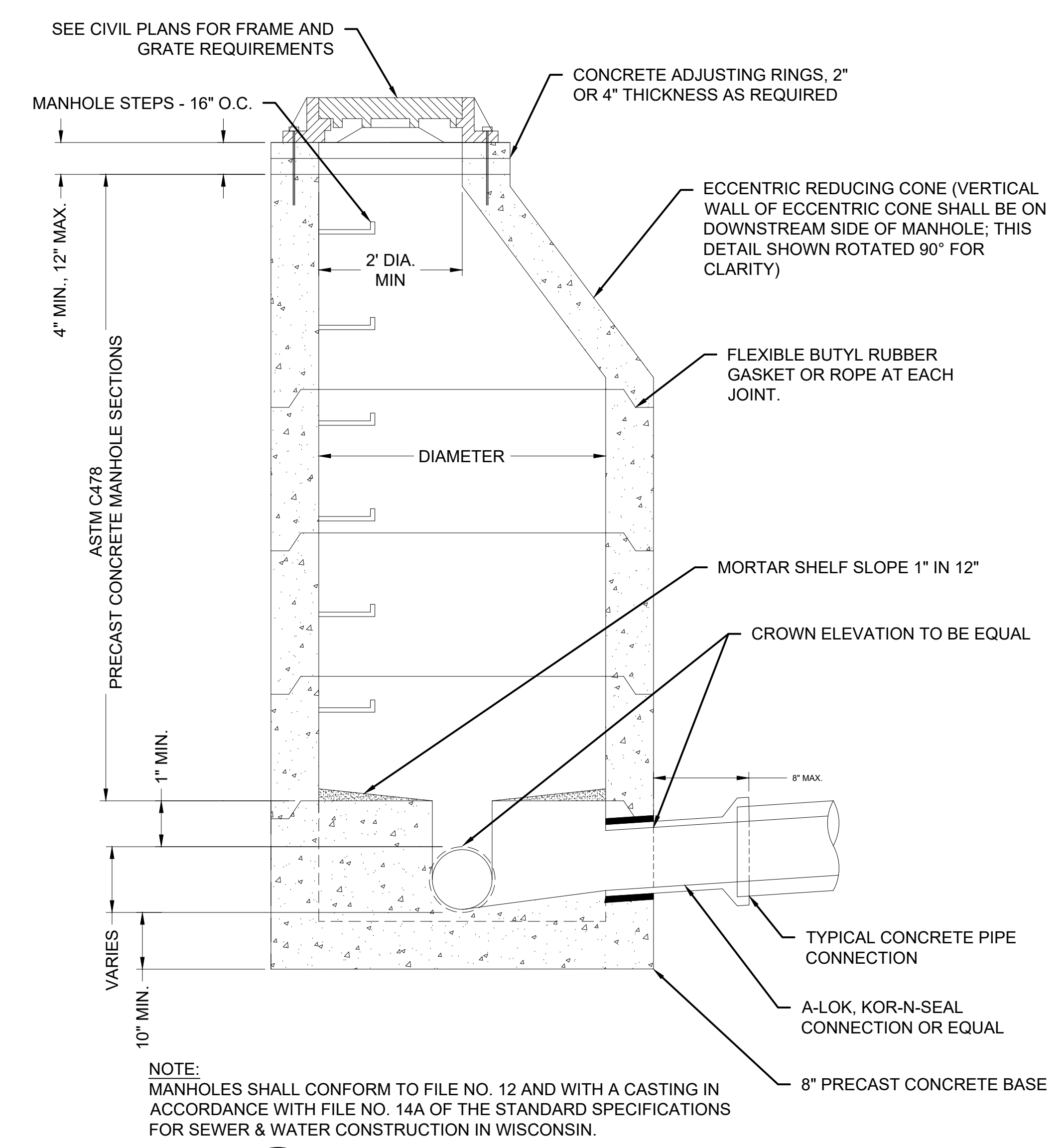
44 East Millin Street, Suite 700, Madison, Wisconsin 53703  
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Sheet No.  
C-503

EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		CONCRETE ENDWALL
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE

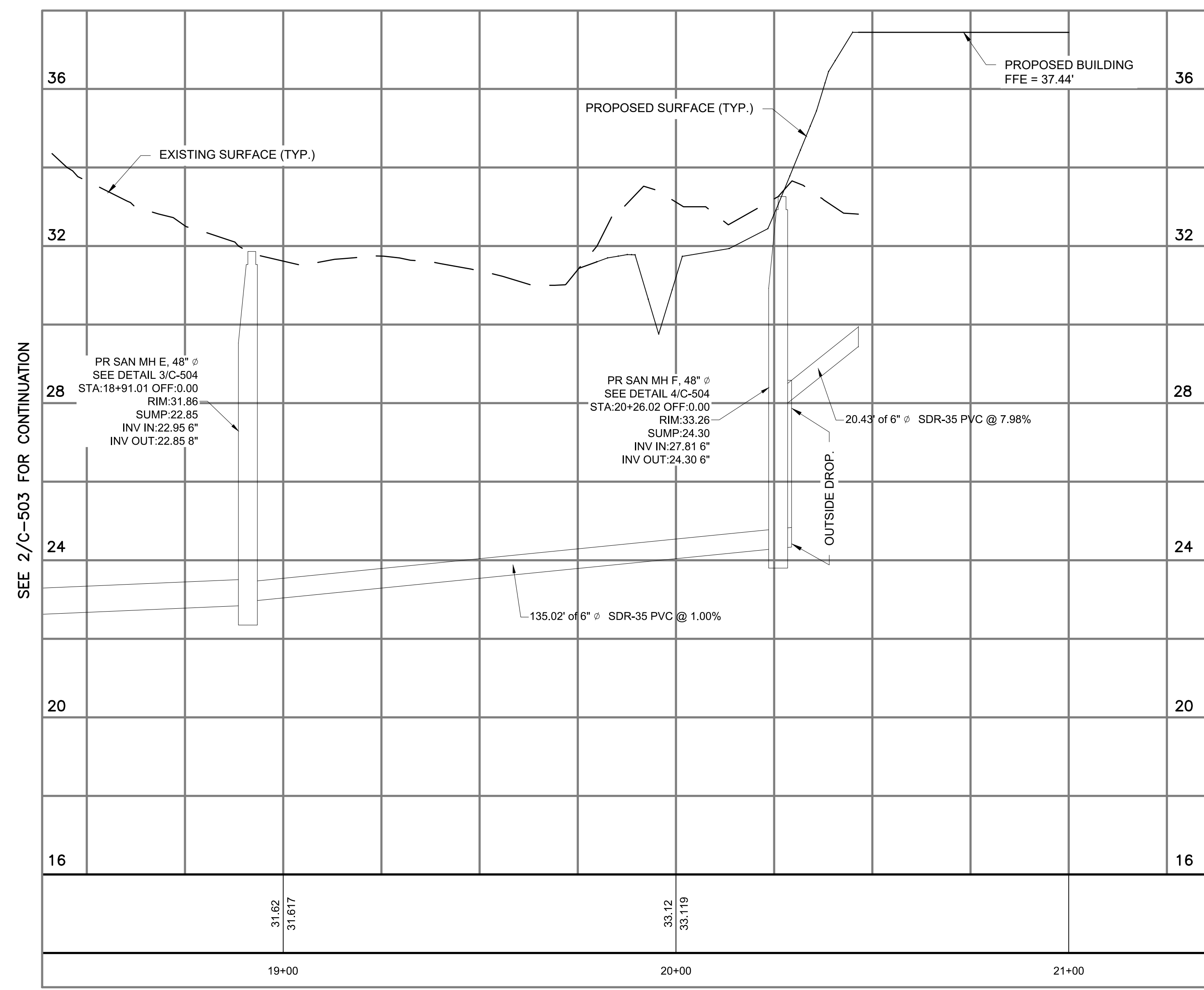


1 SANITARY PIPING PLAN  
SCALE: 1"=20'

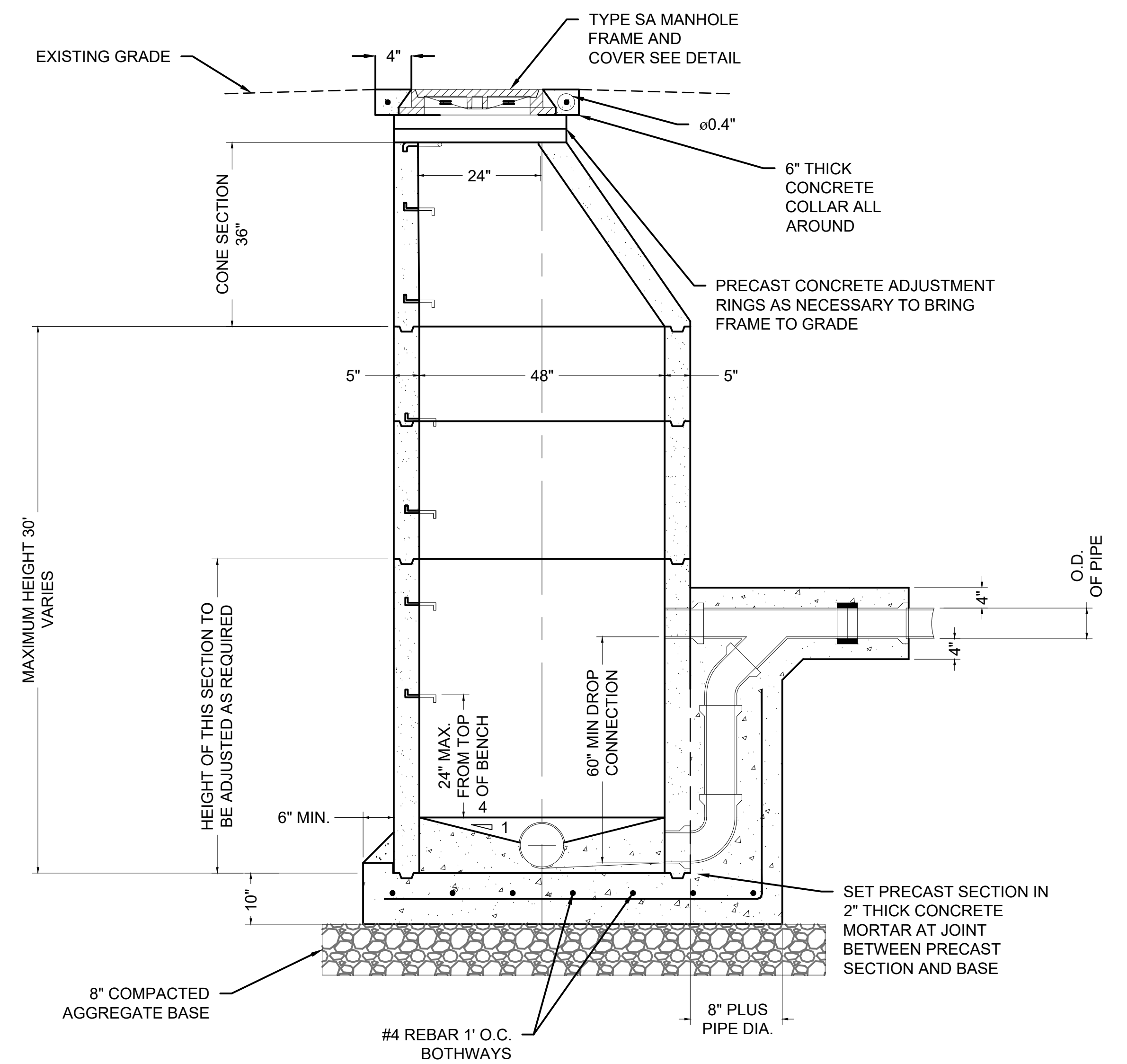


3 STANDARD MANHOLE  
SCALE: NTS

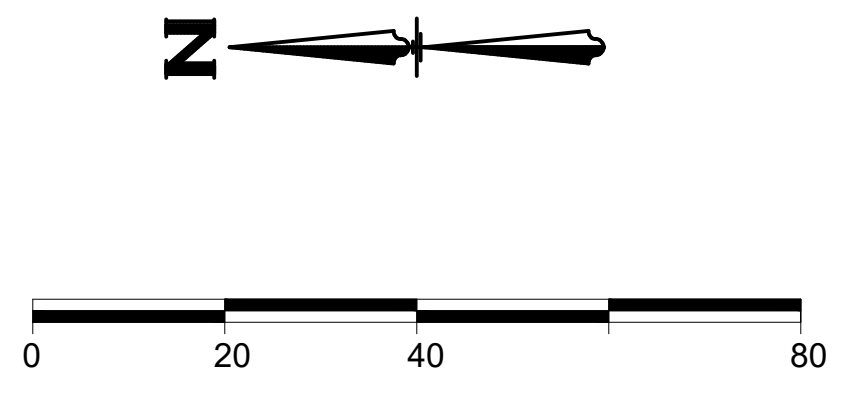
- GENERAL NOTES:
- BEARINGS ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1927.
  - VERTICAL DATUM FOR THE PROJECT SURVEY IS CITY OF WAUKESHA. CONVERSION TO USGS IS 780.558.
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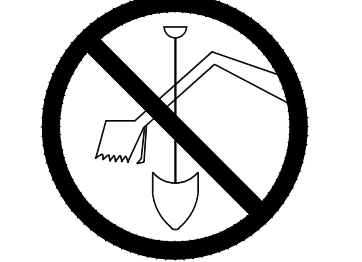
2 SANITARY PIPING PROFILE  
SCALE: 1"=20' HORIZ.; 1"=2' VERT.



4 OUTSIDE DROP MANHOLE  
SCALE: NTS



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



CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 192.0175(1974)  
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Revisions

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SCOPE DOCUMENTS  
Drawing Date  
06/07/2019  
FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

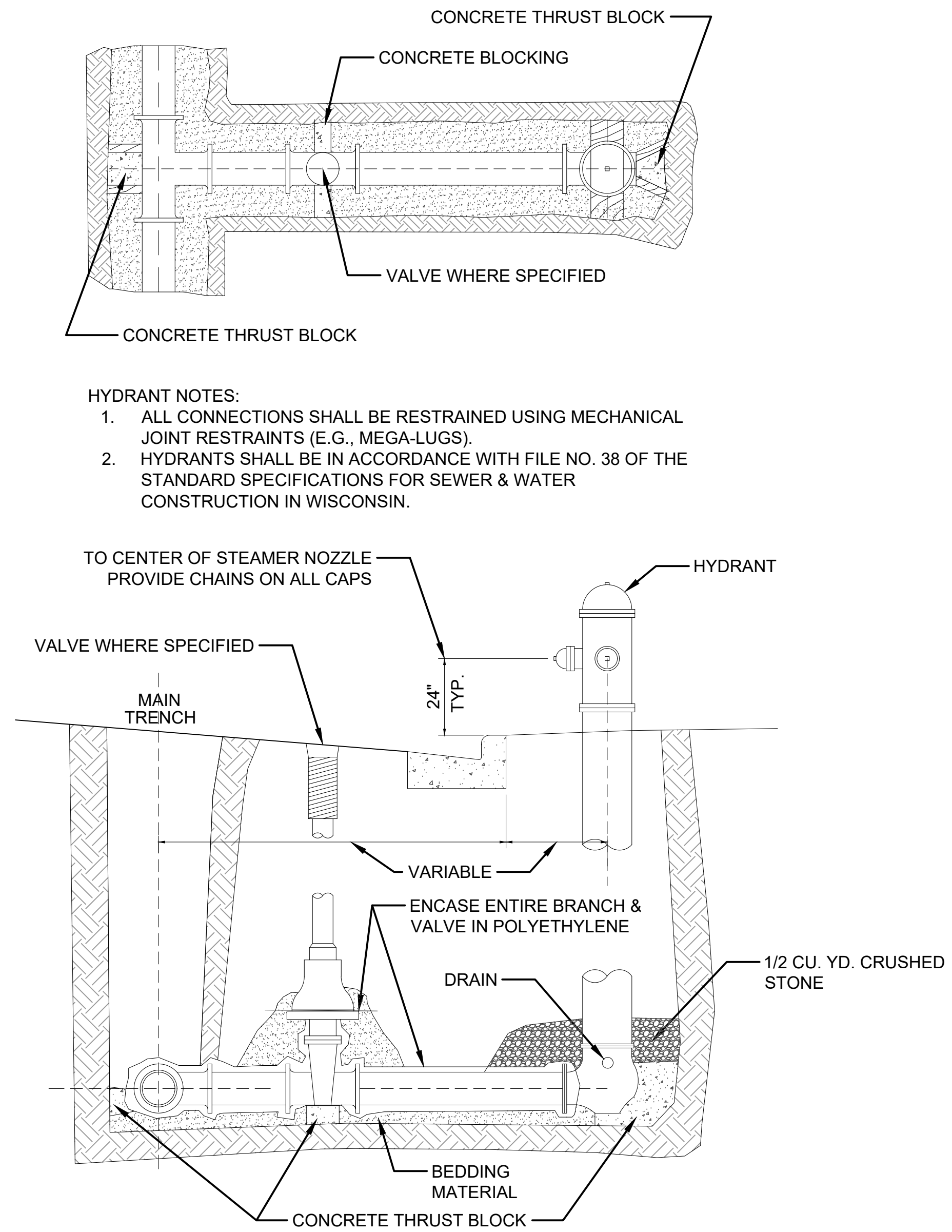
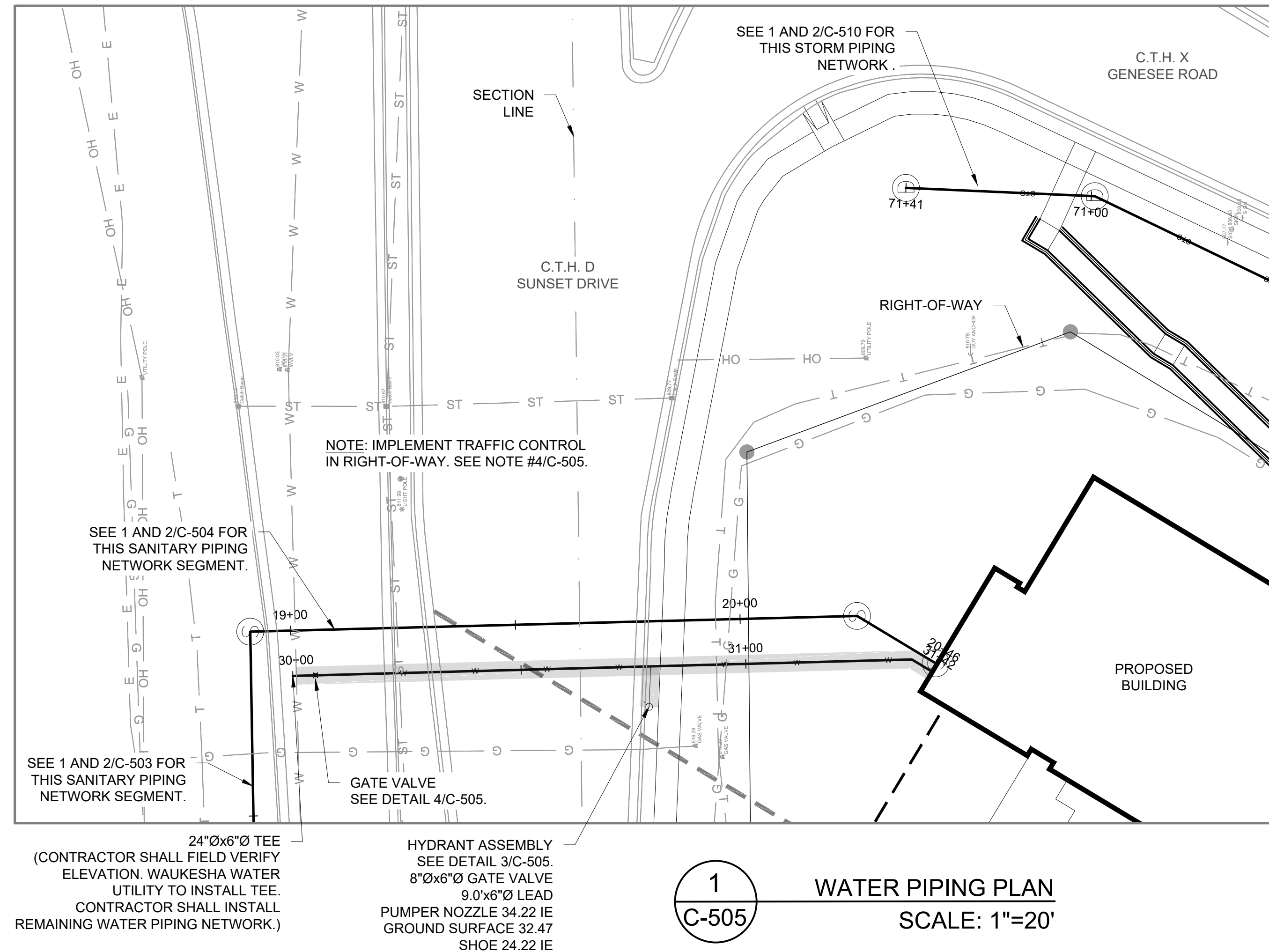
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SANITARY PIPING PLAN & PROFILE

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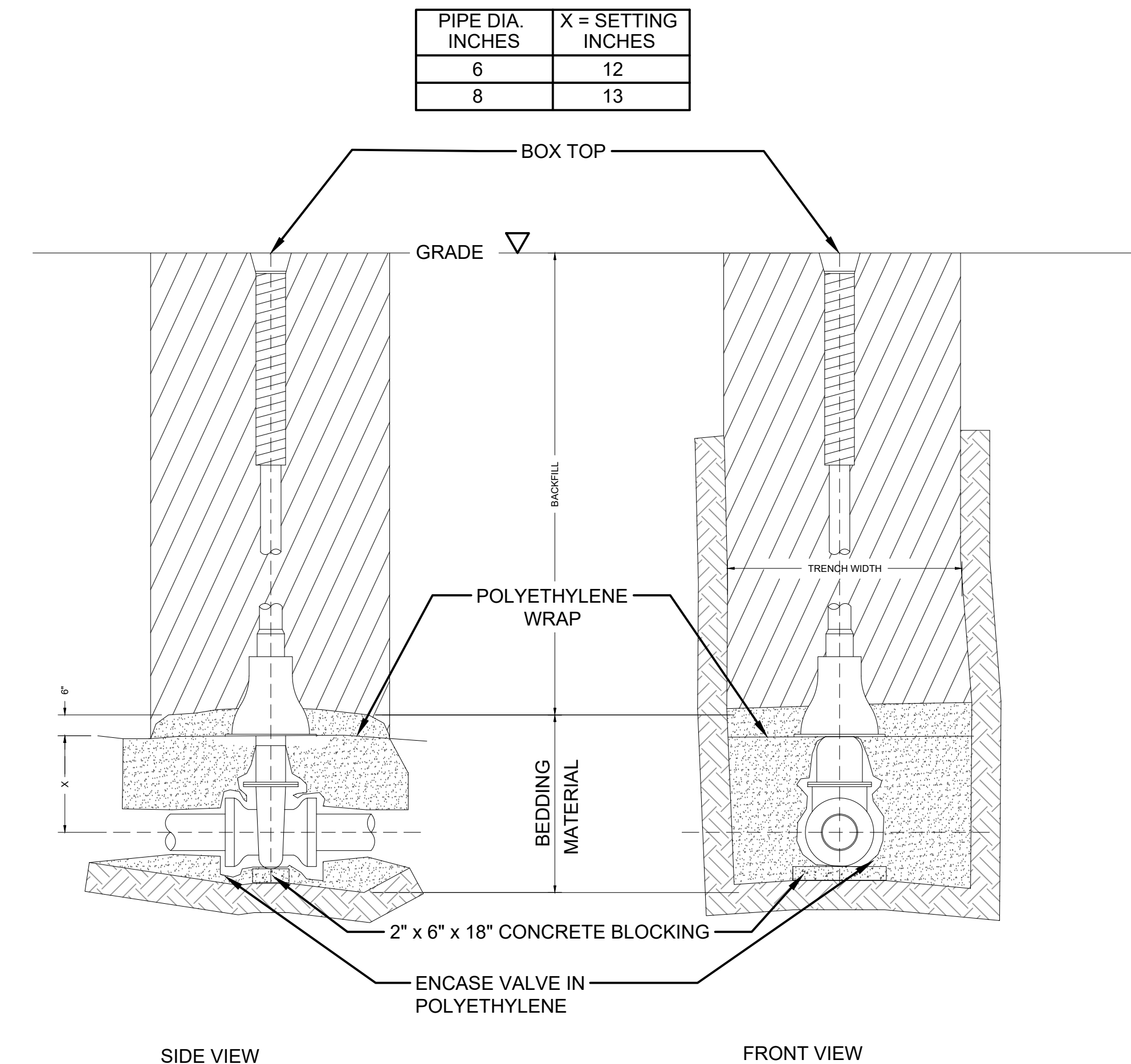
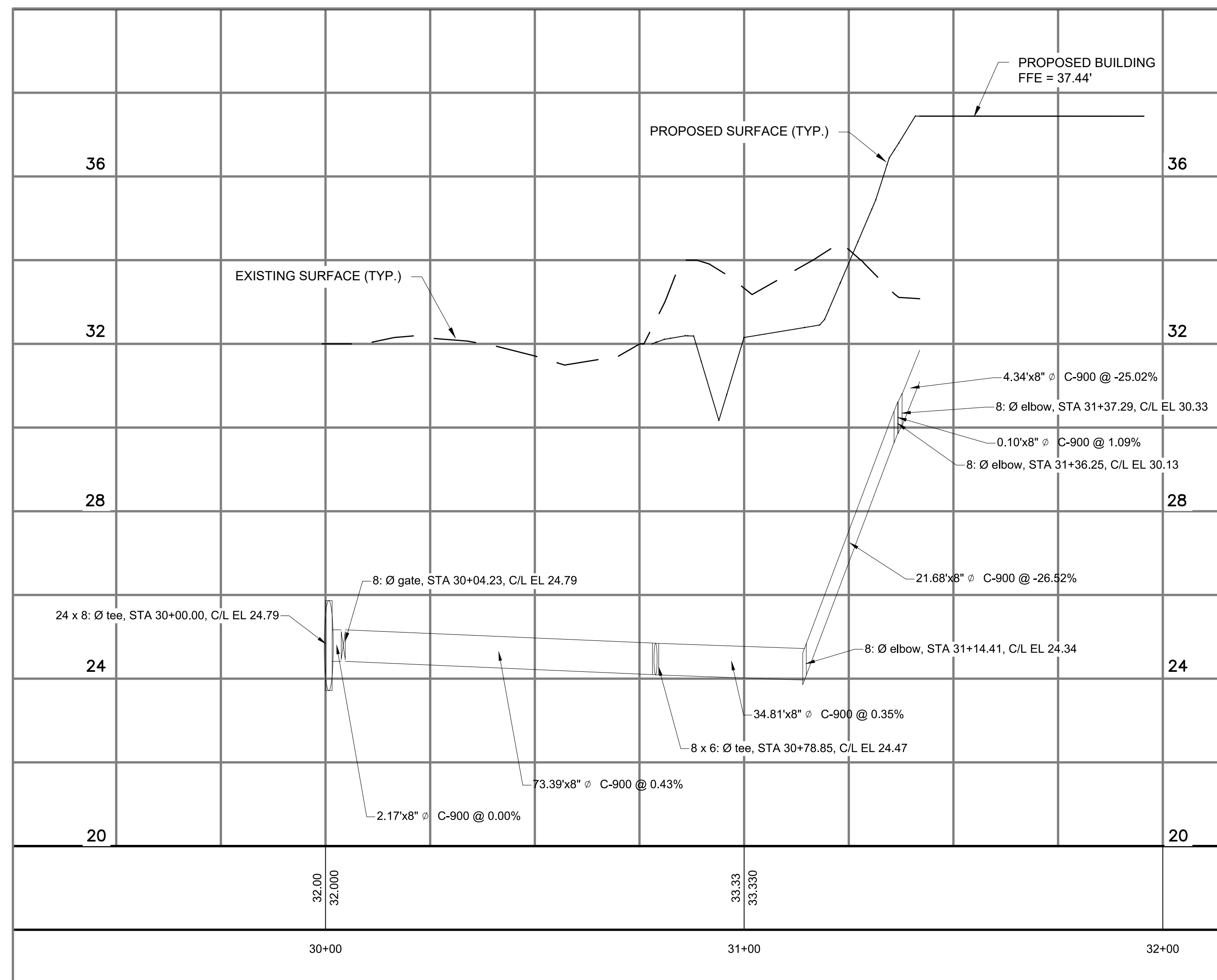
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C-504

**LEGEND**

EXISTING	PROPOSED	
—	—	MAJOR CONTOUR
—	—	MINOR CONTOUR
— OH —	—	OVERHEAD ELECTRICAL
— W —	— W —	WATER PIPE
— ST —	— ST —	STORM SEWER
—	■	CONCRETE ENDWALL
— G —	—	GAS PIPE
— T —	—	TELECOMMUNICATION
▭	▭	STRUCTURE
□	□	SIGN
○	○	TREE
○	○	WATER VALVE
○	○	FIRE HYDRANT
○	○	LIGHT POLE
○	○	PEDESTAL
○	○	UTILITY POLE
○	■	CATCH BASIN
○	○	MANHOLE / SANITARY
○	○	SEWER STRUCTURE



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**N**

0 20 40 80

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

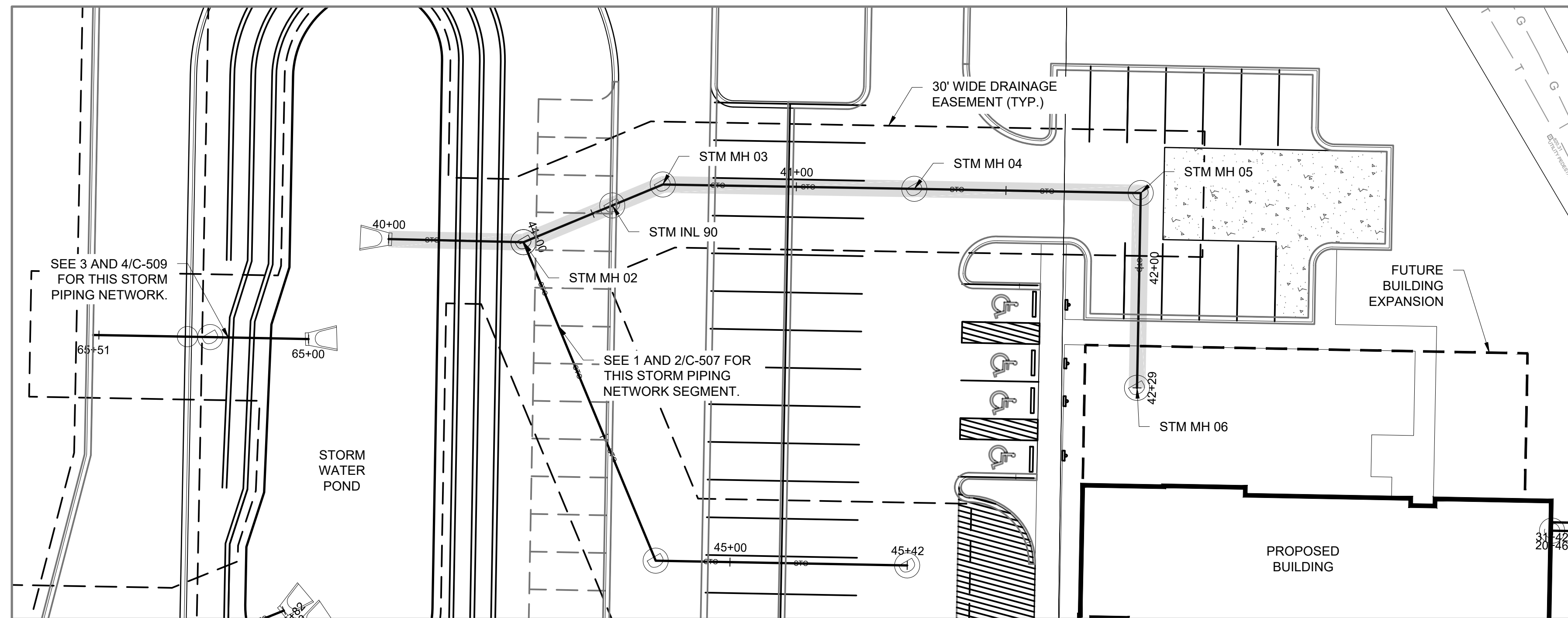
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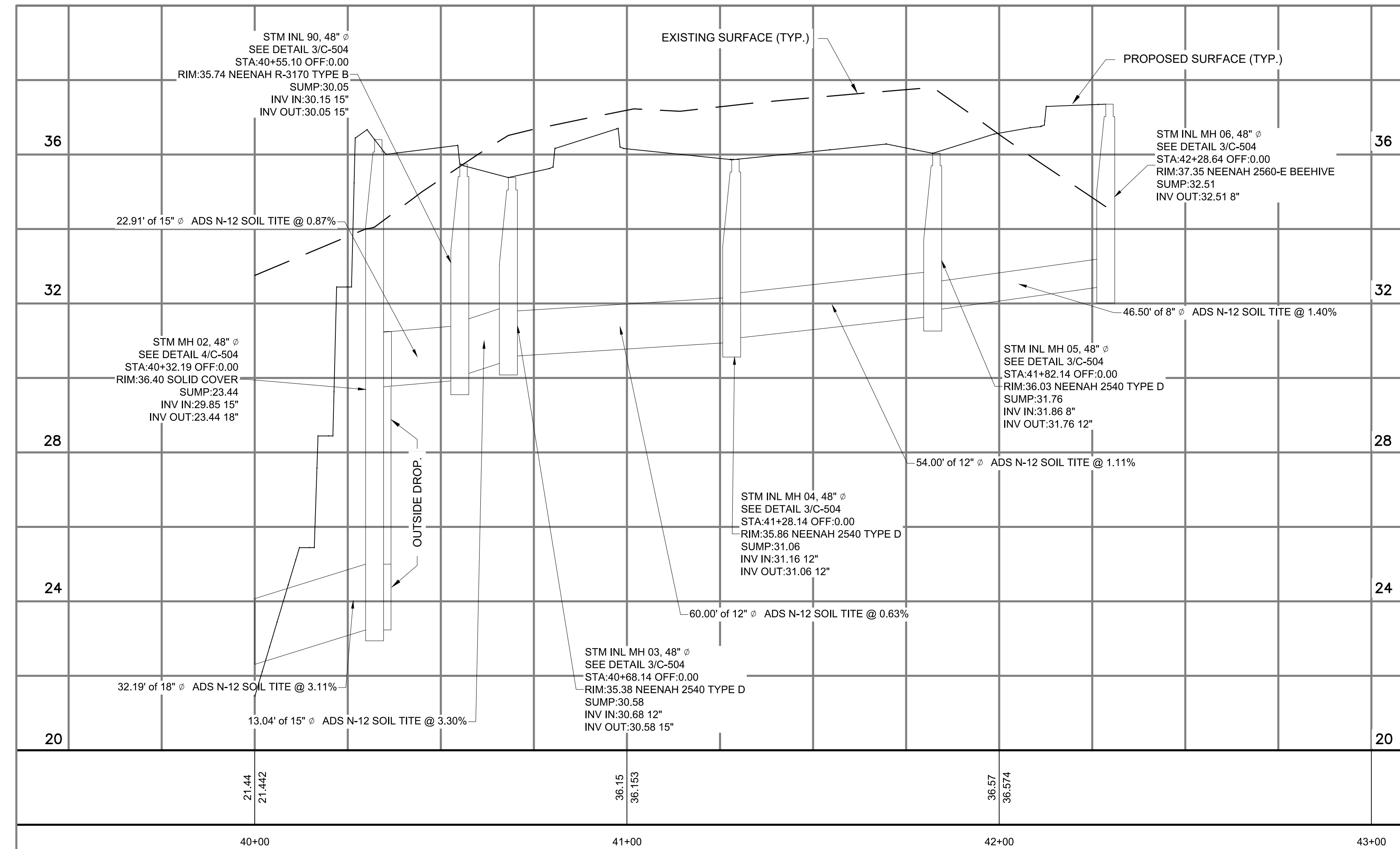
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		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		CONCRETE ENDWALL
		GAS PIPE
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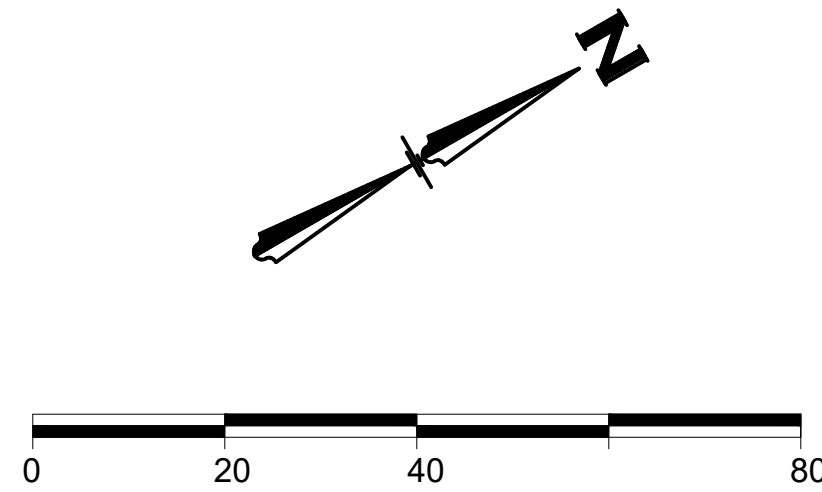
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C-506 STORM PIPING PLAN  
SCALE: 1"=20'

GENERAL NOTES:

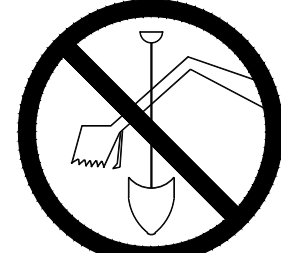
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2  
C-506 STORM PIPING PROFILE  
SCALE: 1"=20' HORIZ.; 1"=2' VERT.



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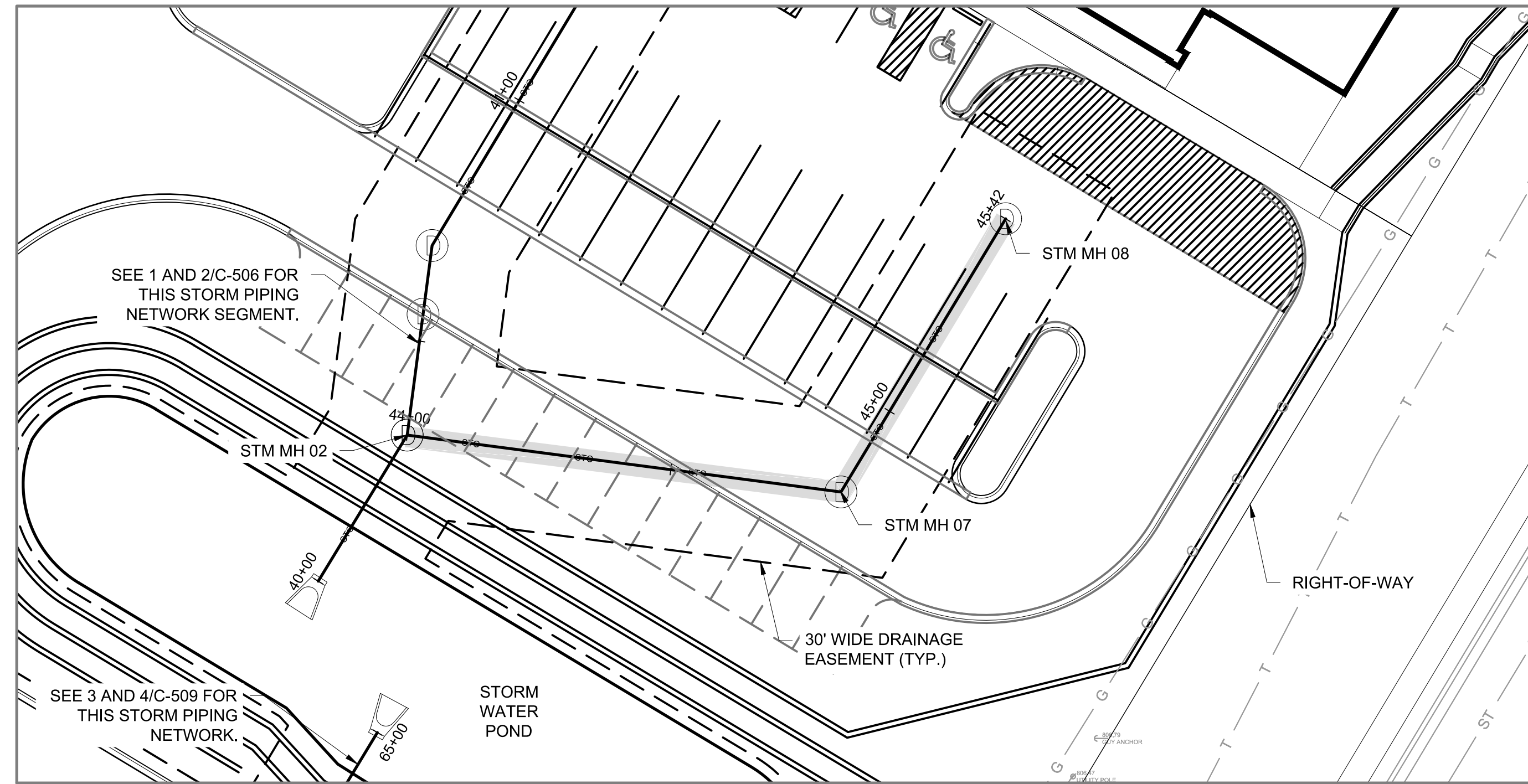
Project No. FROEDTERT HEALTH  
218082.00

Sheet Title

STORM PIPING PLAN & PROFILE

NOT FOR CONSTRUCTION

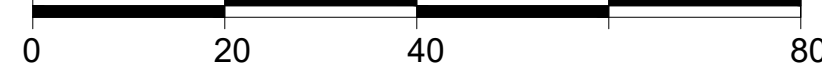
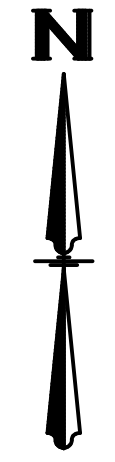
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		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		CONCRETE ENDWALL
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		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE



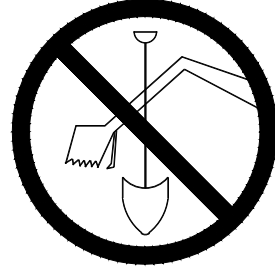
1 STORM PIPING PLAN  
C-507 SCALE: 1"=20'

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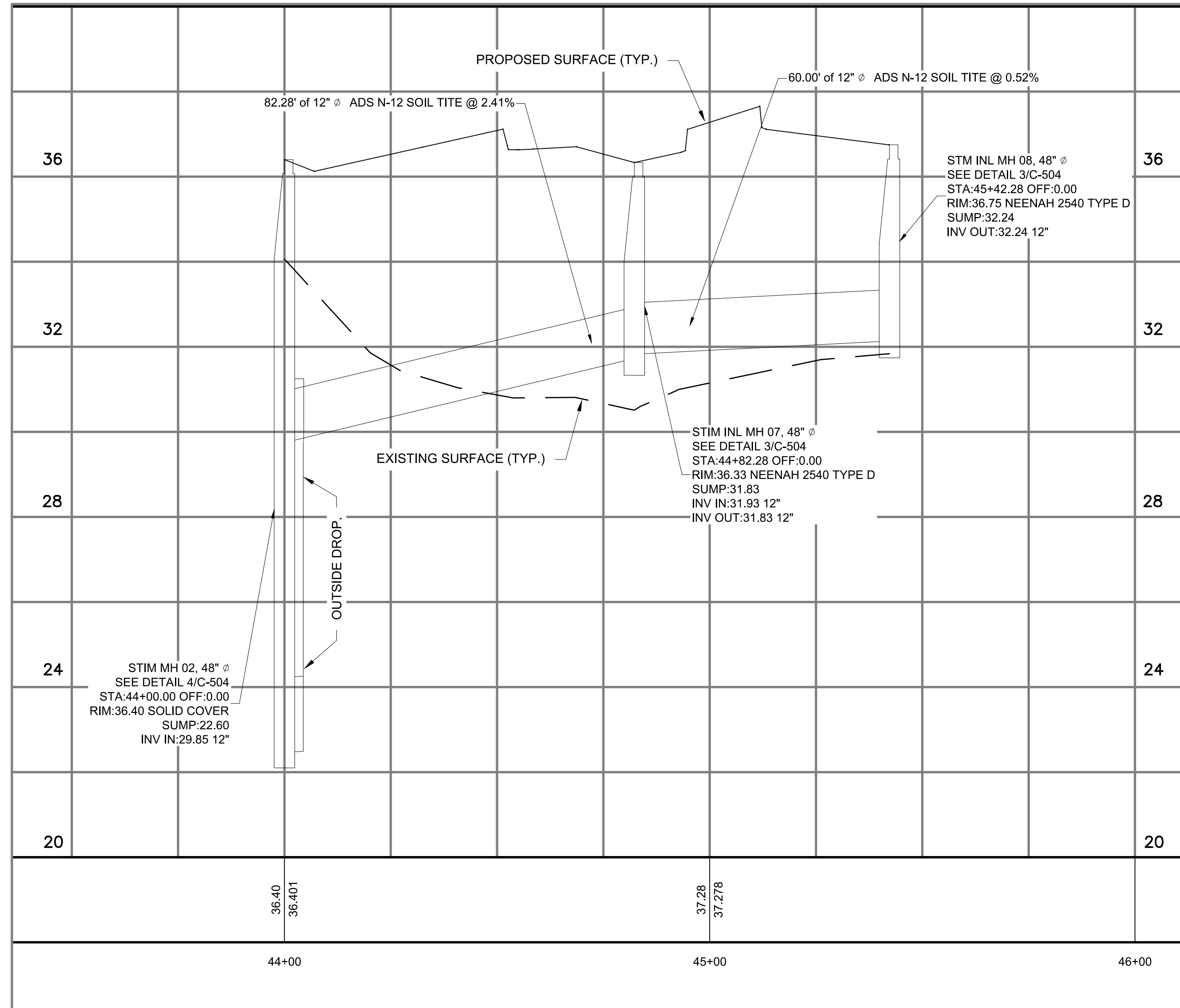
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2 STORM PIPING PROFILE  
C-507 SCALE: 1"=20' HORIZ.; 1"=2' VERT.

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SCOPE DOCUMENTS

Drawing Date

06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH 218082.00

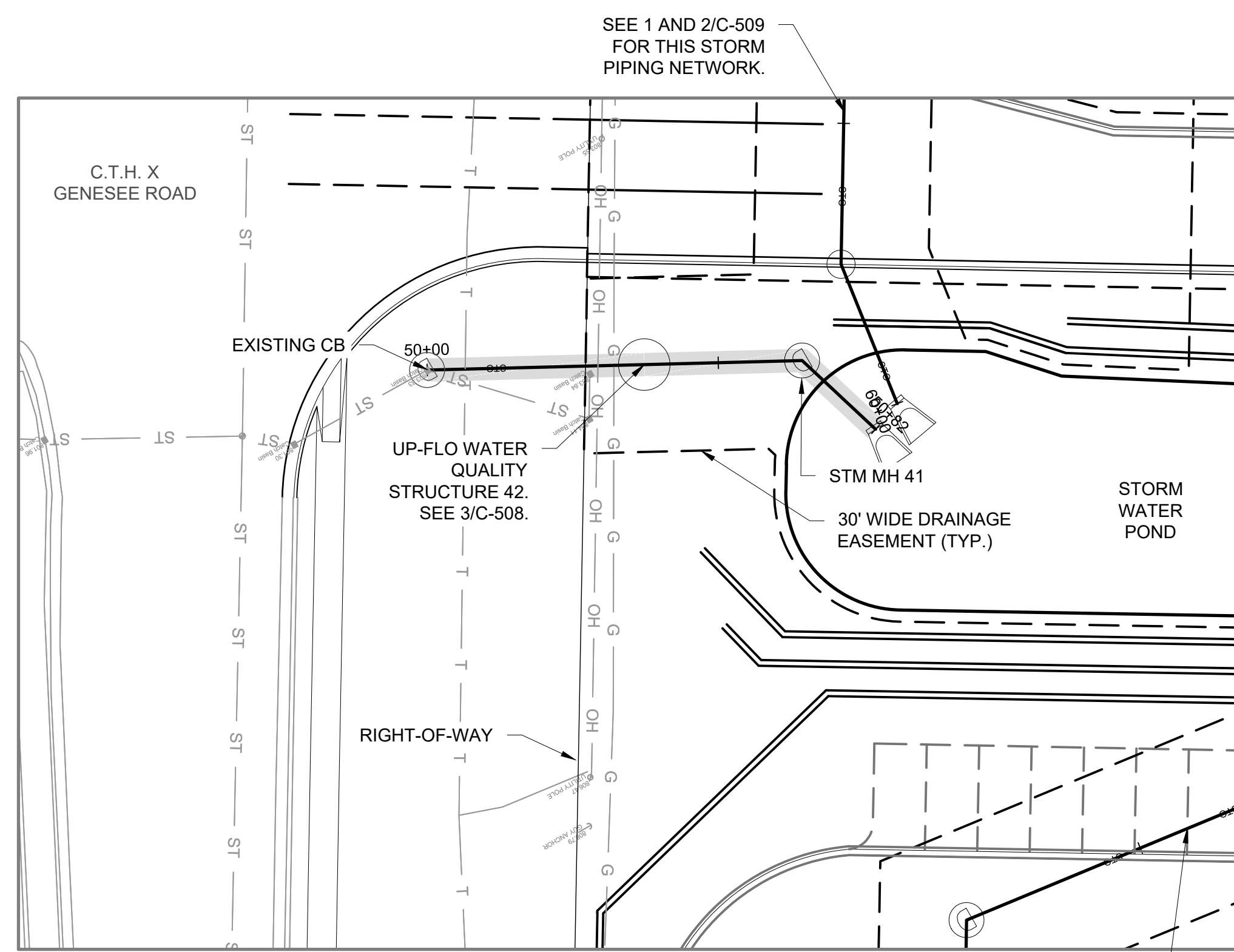
Sheet Title STORM PIPING PLAN & PROFILE

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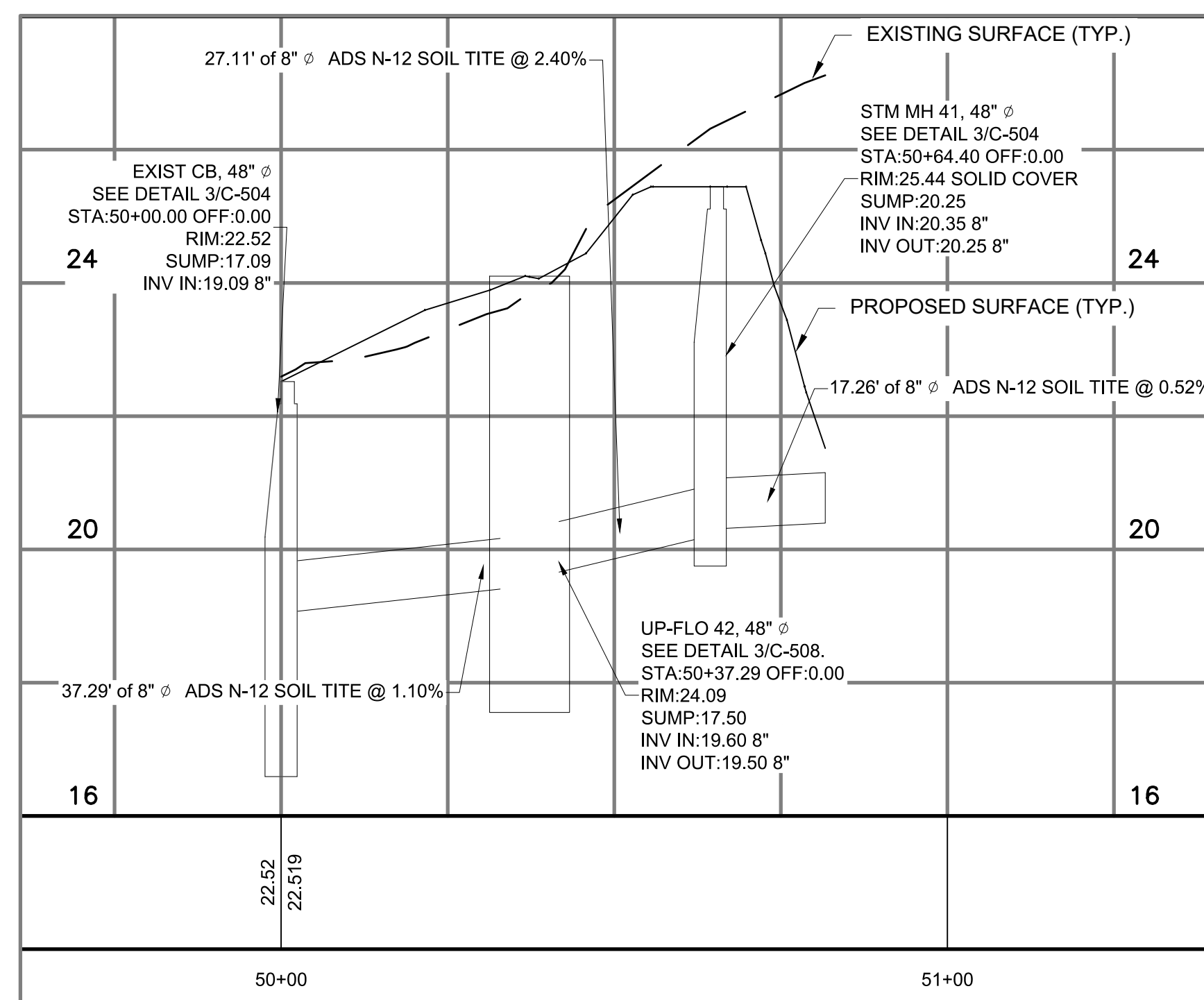
44 East Millin Street, Suite 700, Madison, Wisconsin 53703 Telephone 608.283.6300 Fax 608.283.6317

Sheet No. C-507

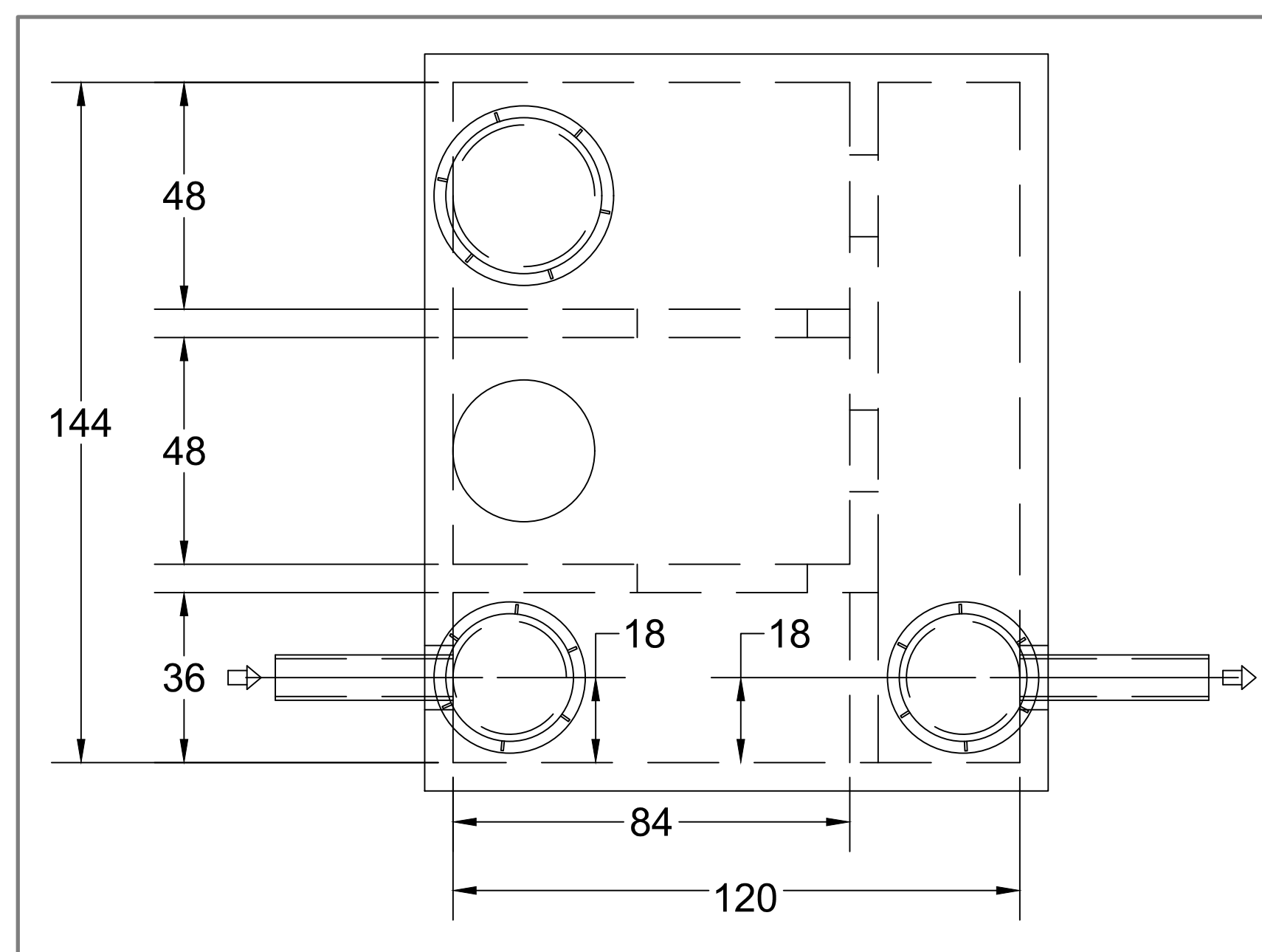
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		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		CONCRETE ENDWALL
		GAS PIPE
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		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE



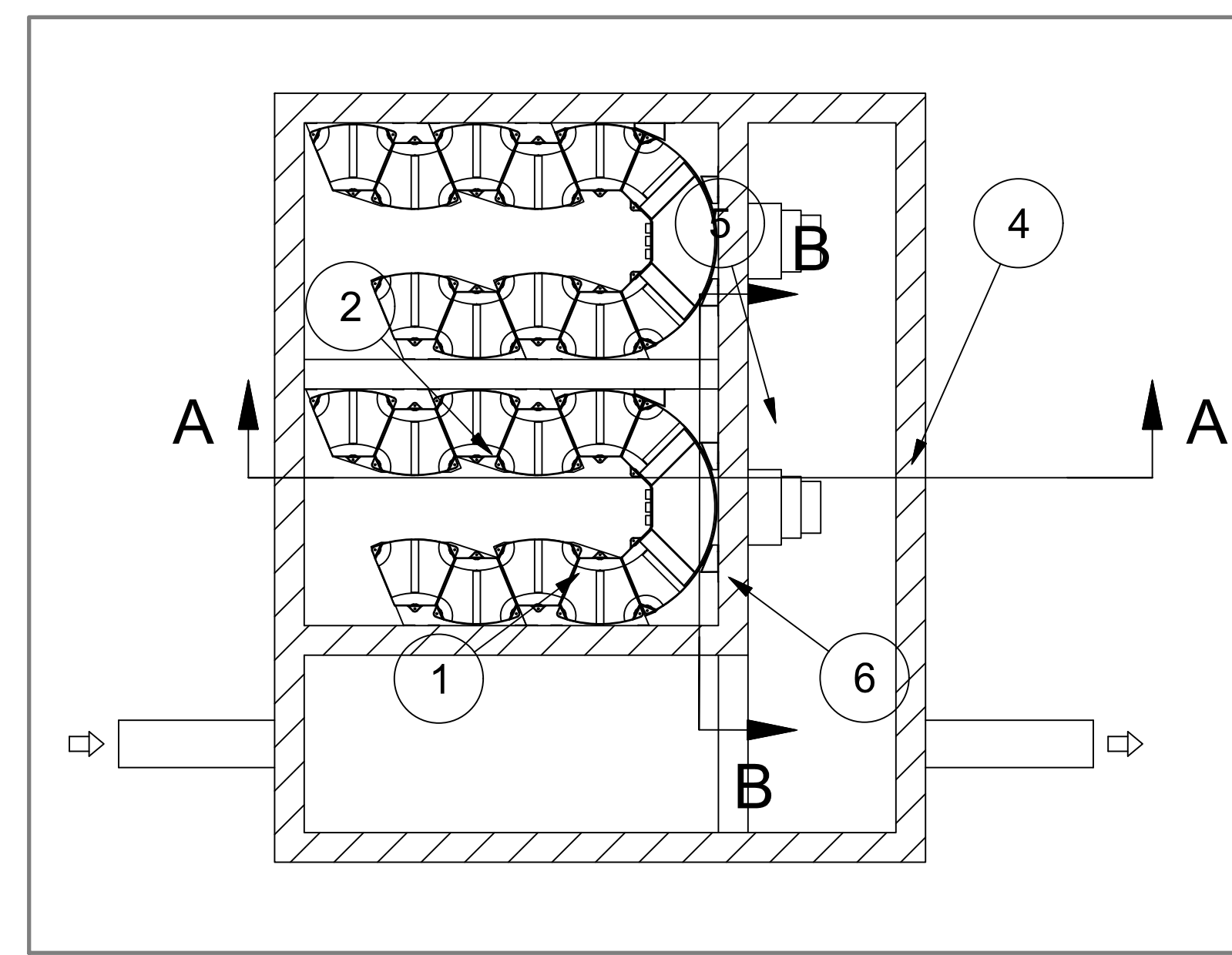
**1** STORM PIPING PLAN  
C-508 SCALE: 1"=20'



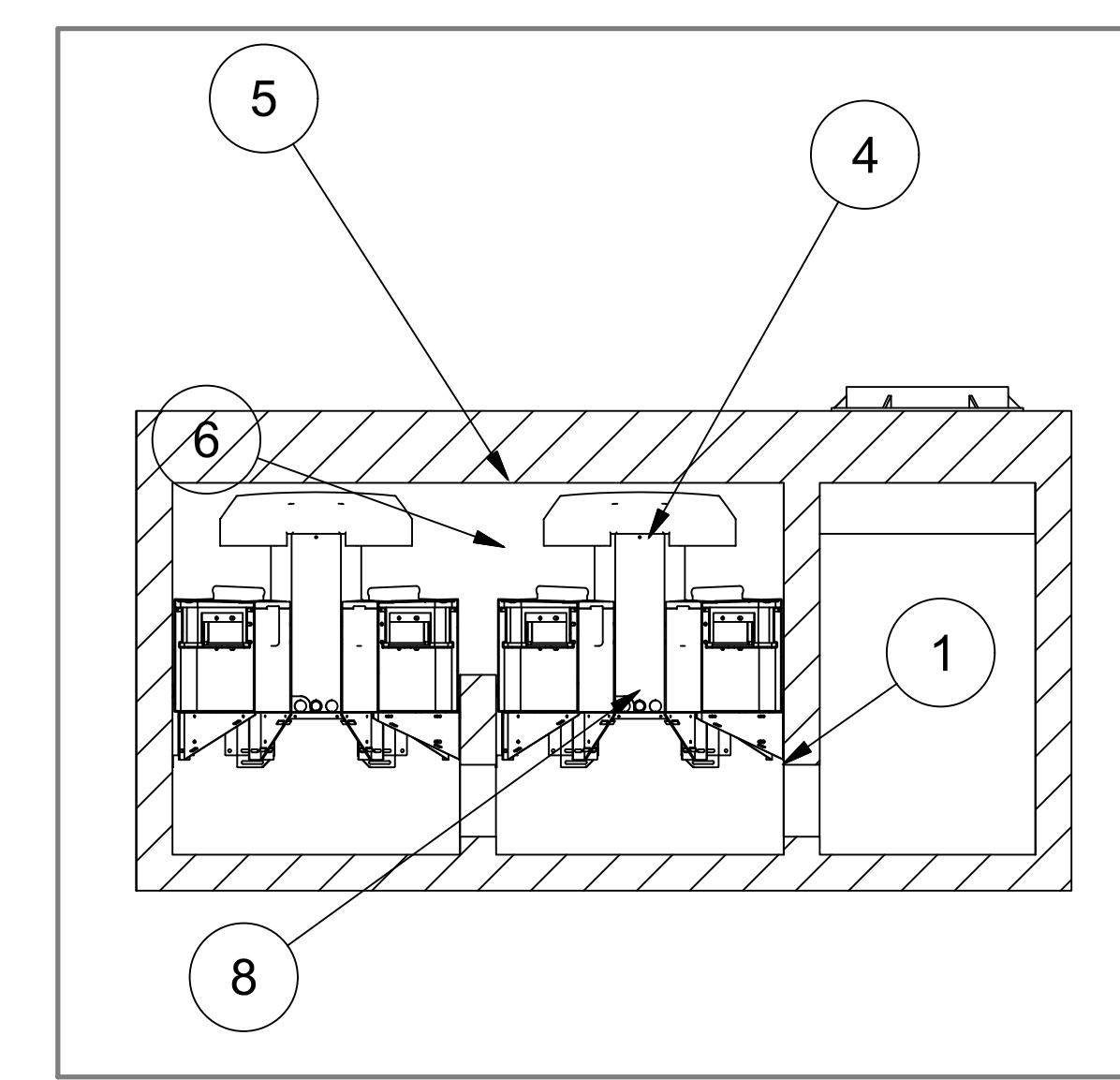
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C-508 SCALE: 1"=20' HORIZ.; 1"=2' VERT.



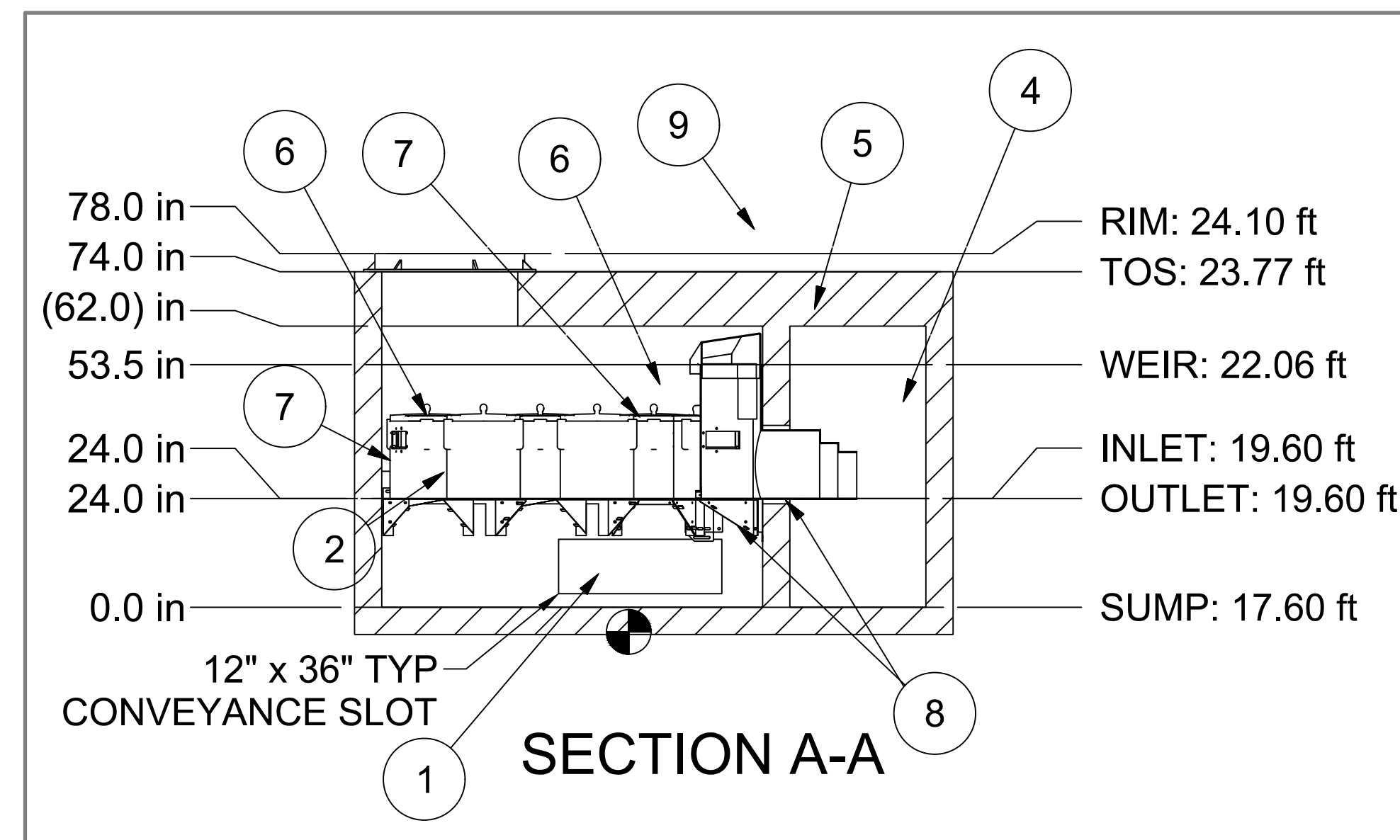
**3H** UP-FLO 52 PRECAST DIMENSIONS  
C-508 SCALE: NTS



**3A** UP-FLOW 52 TOP VIEW  
C-508 SCALE: NTS



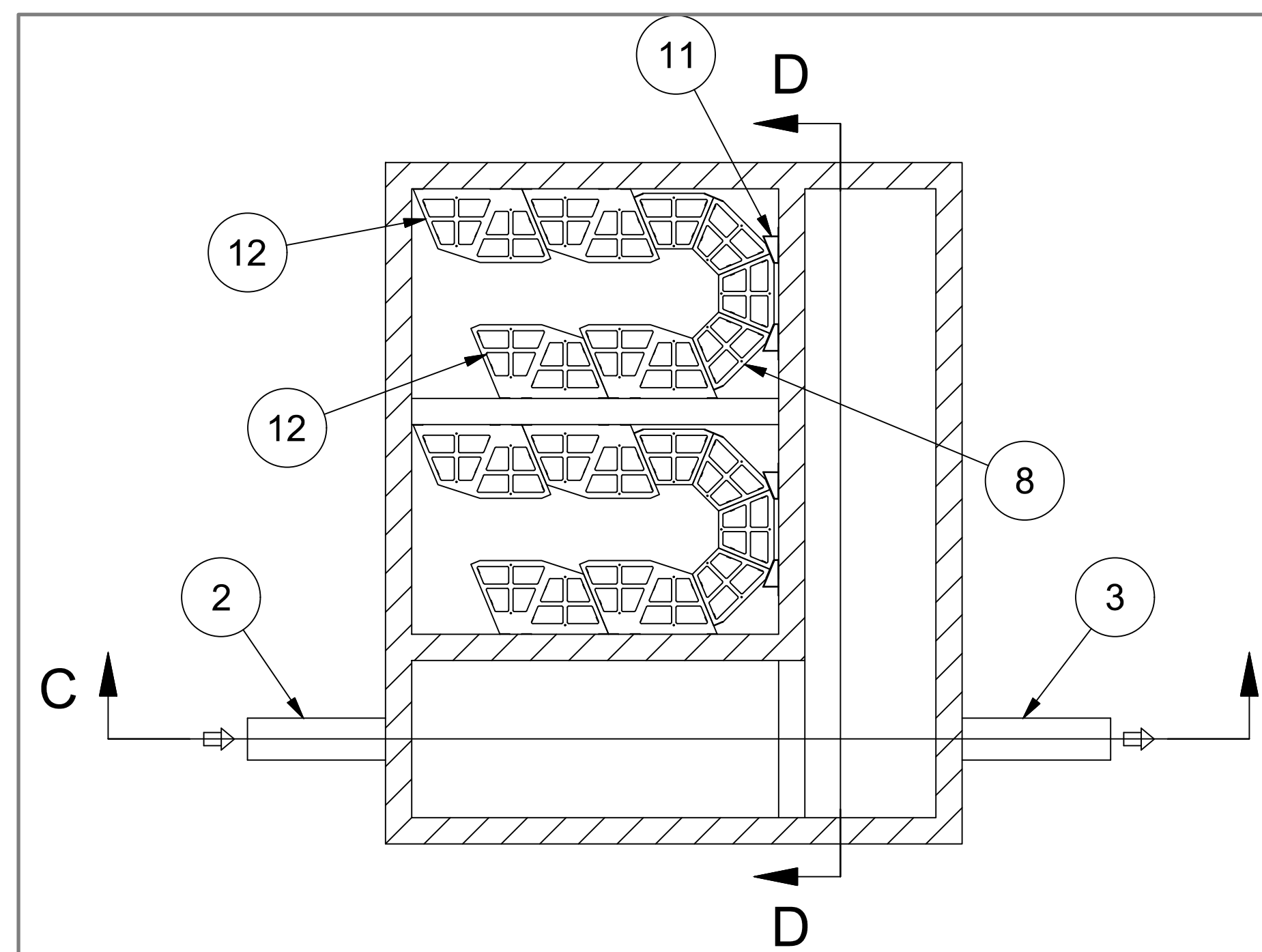
**3B** UP-FLOW 52 SECTION B-B  
C-508 SCALE: NTS



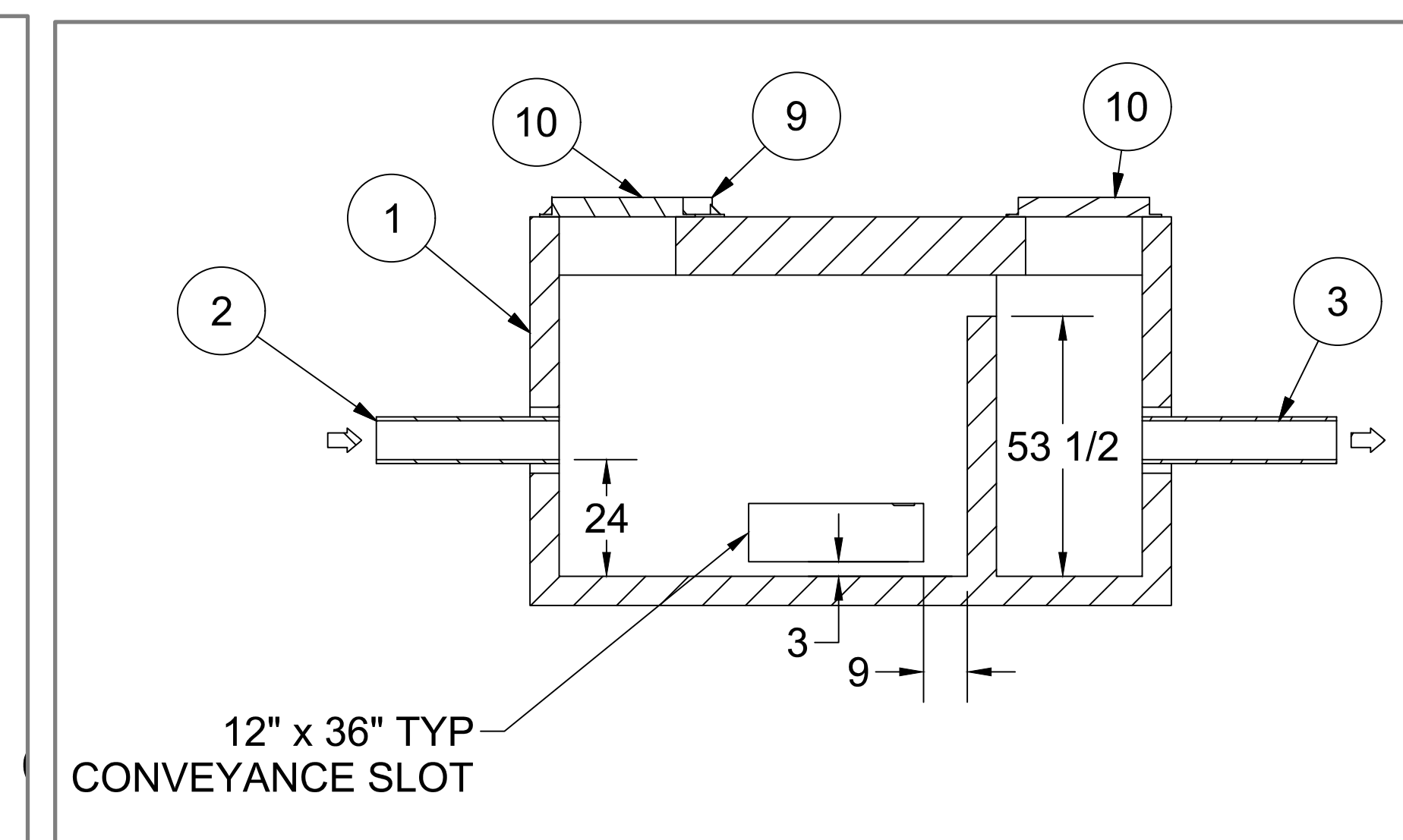
**3C** UP-FLOW 52 SECTION A-A  
C-508 SCALE: NTS

PARTS LIST			
ITEM	QTY	DESCRIPTION	SIZE (in)
1	1	PRECAST VAULT	12 ft x 10 ft
2	1	INLET PIPE	8
3	1	OUTLET PIPE	8
4	2	OUTLET MODULE	
5	2	BYPASS HOOD	
8	8	SUPPORT FRAME	
6	22	MODULE LID	
9	2	30" FRAME AND COVER	30
7	22	MODULE BODY	
11	4	WEDGE WALL MOUNT	
10	2	24" FRAME AND COVER	24
12	3	CPZ Support Leg	
12	8	SUPPORT FRAME LH	

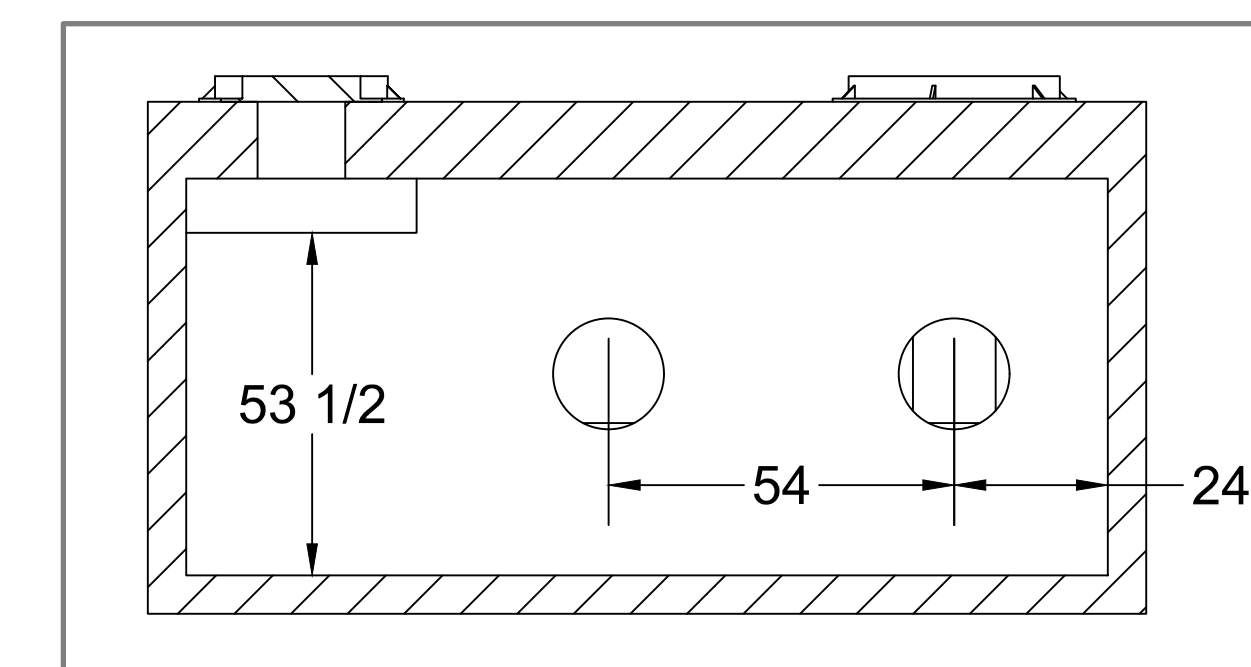
**3D** UP-FLOW 52 PARTS LIST  
C-508 SCALE: NTS



**3E** UP-FLOW 52 TOP VIEW  
C-508 SCALE: NTS



**3F** UP-FLOW 52 SECTION C-C  
C-508 SCALE: NTS

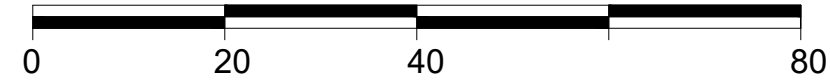
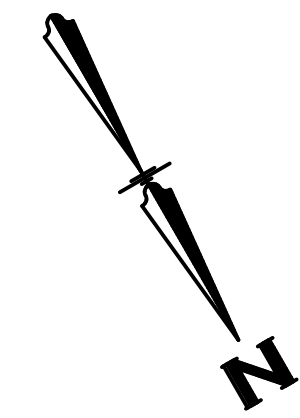


**3G** UP-FLOW 52 SECTION D-D  
C-508 SCALE: NTS

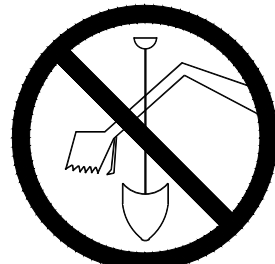
**3** UP-FLOW WATER QUALITY STRUCTURE 52  
C-508 SCALE: NTS

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FROEDTERT SUNSET DRIVE CLINIC

Project No. 218082.00 FROEDTERT HEALTH

Sheet Title

STORM PIPING PLAN & PROFILE

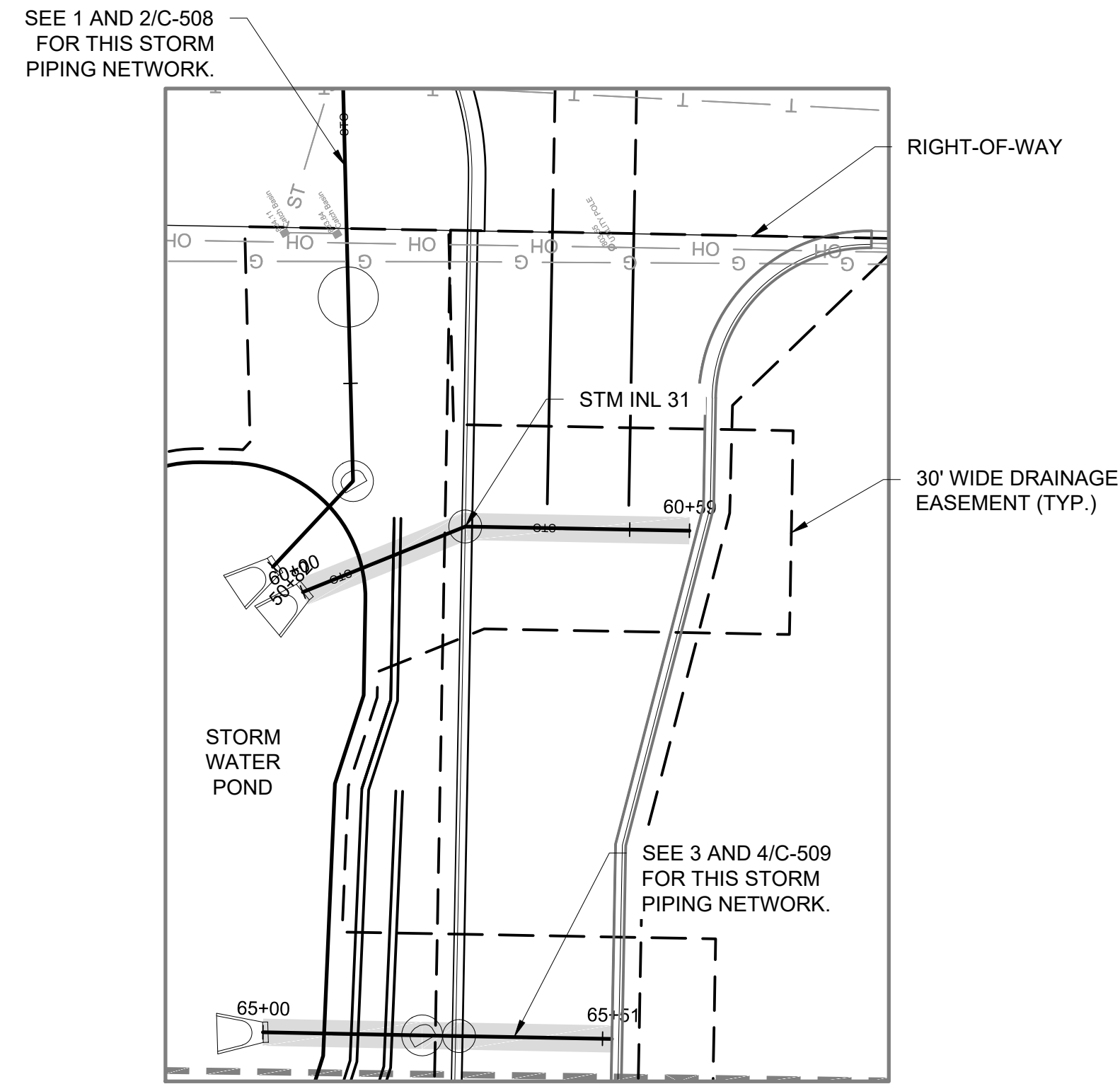
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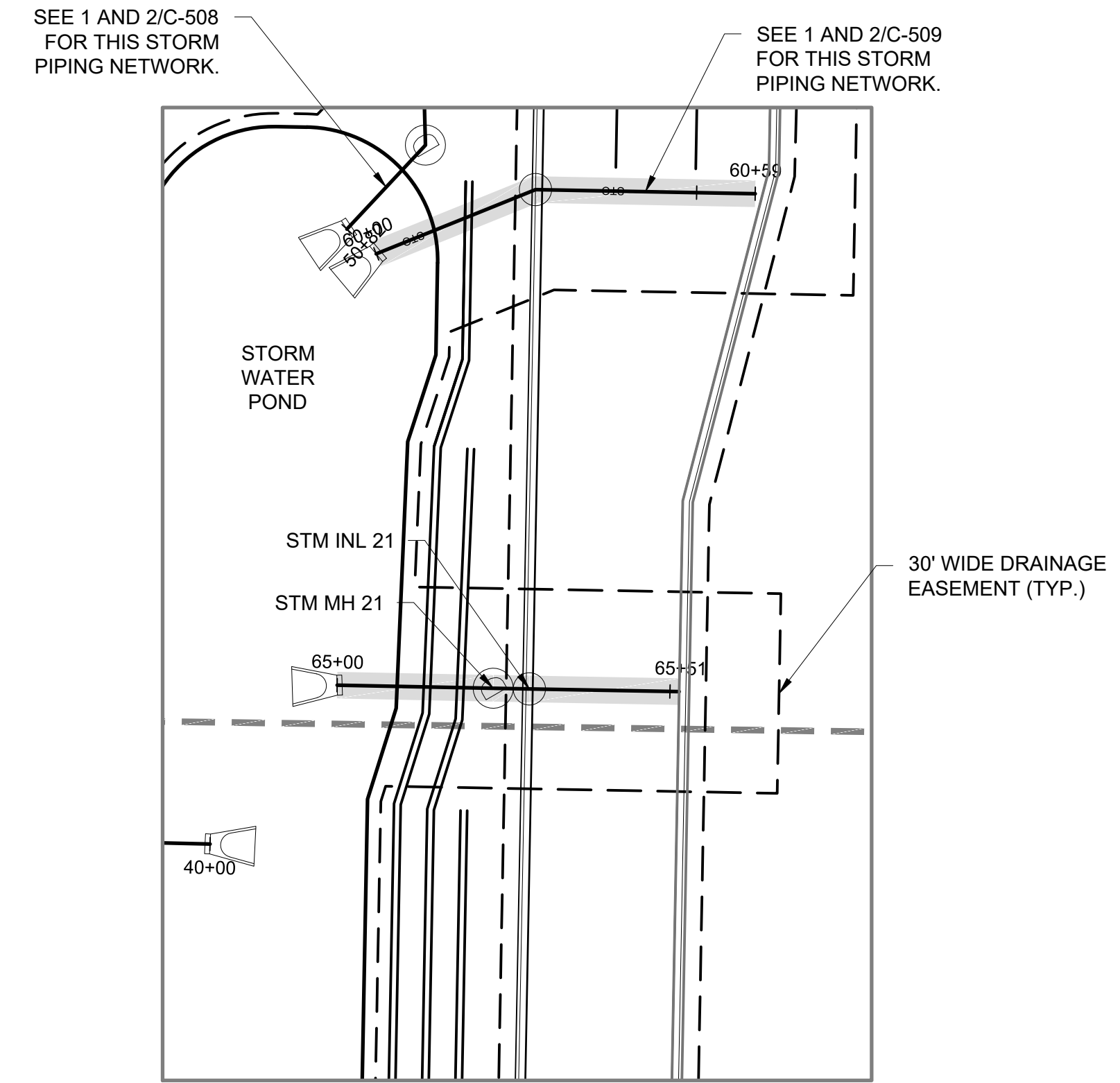
Sheet No.

C-508

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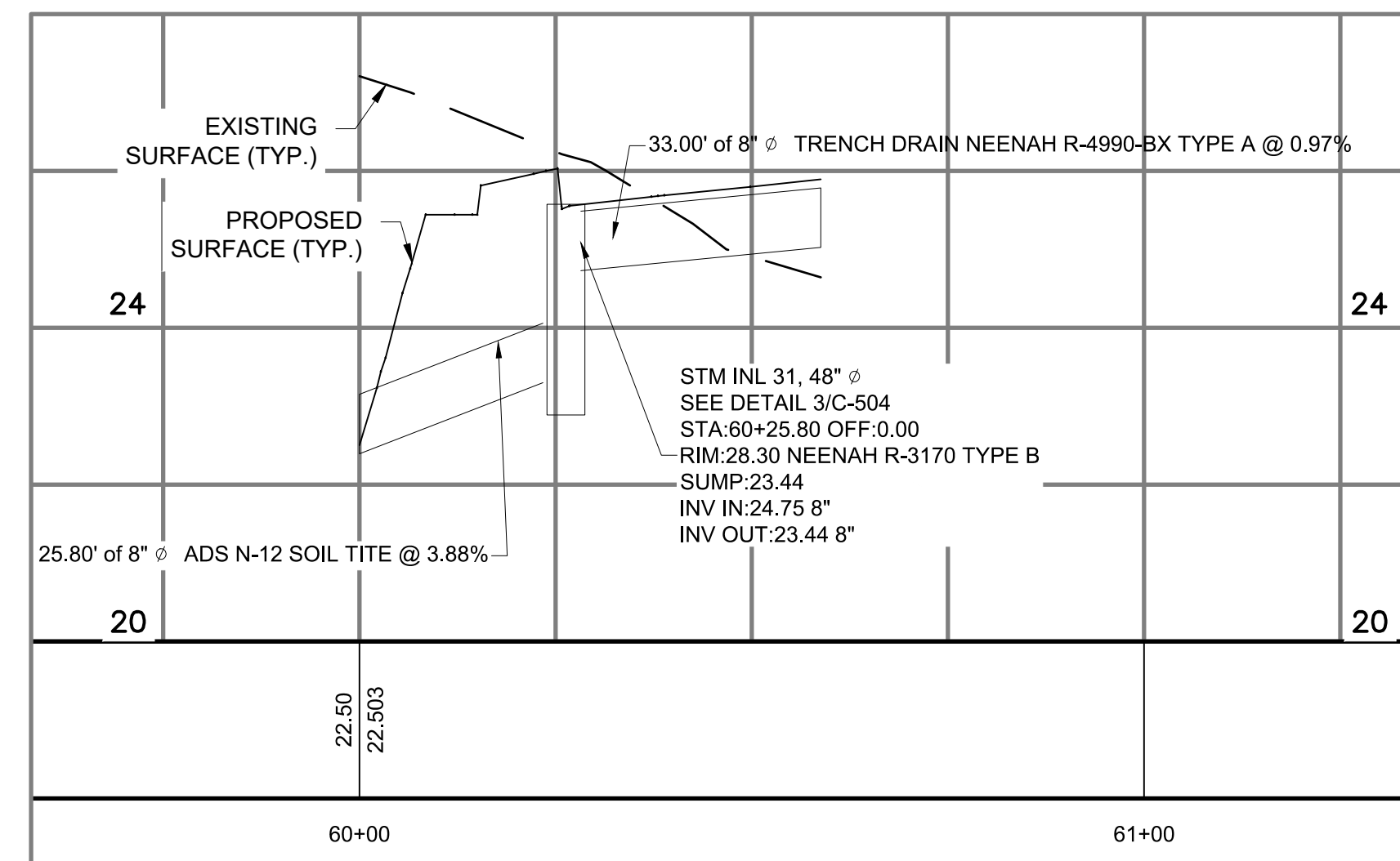
1 STORM PIPING PLAN  
C-509 SCALE: 1"=20'



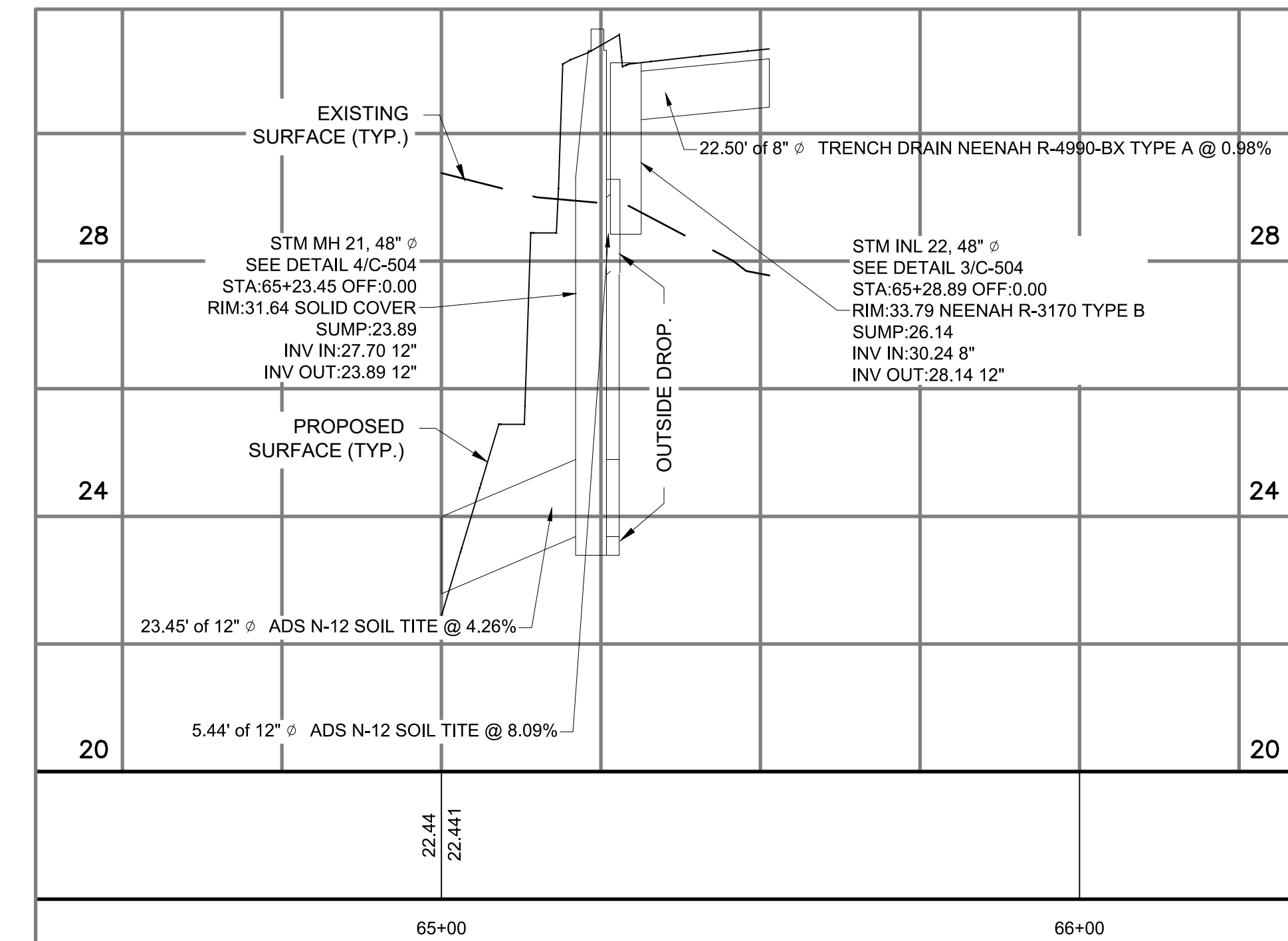
3 STORM PIPING PLAN  
C-509 SCALE: 1"=20'

GENERAL NOTES:

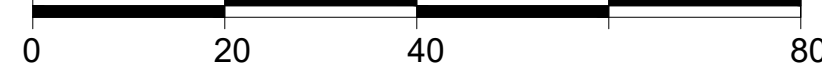
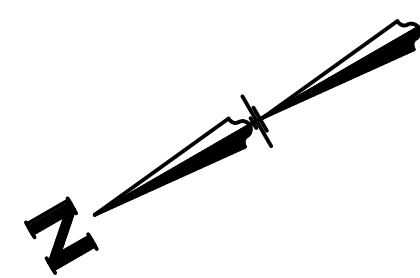
- BEARINGS ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1927.
- VERTICAL DATUM FOR THE PROJECT SURVEY IS CITY OF WAUKESHA. CONVERSION TO USGS IS 780.558.
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- WORK IN C.T.H. D SUNSET DRIVE AND IN C.T.H. X GENESEE ROAD RIGHT-OF-WAY REQUIRES TRAFFIC CONTROL. TRAFFIC CONTROL SHALL CONFORM TO THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION AND THE WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) MANUALS ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), LATEST EDITIONS.
- ASSURE ALL EROSION CONTROL DEVICES ARE INSTALLED BEFORE BEGINNING DEMOLITION AND CONSTRUCTION WORK. CLEAN UP AND RESTRICT ACCESS TO WORK AREAS AT THE END OF EACH DAY. SWEEP TRACKING ON PUBLIC ROADWAYS.



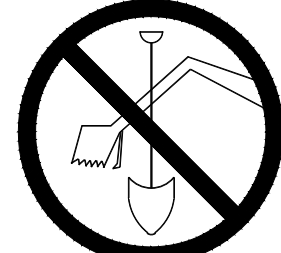
2 STORM PIPING PROFILE  
C-509 SCALE: 1"=20' HORIZ.; 1"=2' VERT.



4 STORM PIPING PROFILE  
C-509 SCALE: 1"=20' HORIZ.; 1"=2' VERT.



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



CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE

WIS STATUTE 192.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

ATTENTION: ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date

06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title

STORM PIPING PLAN & PROFILE

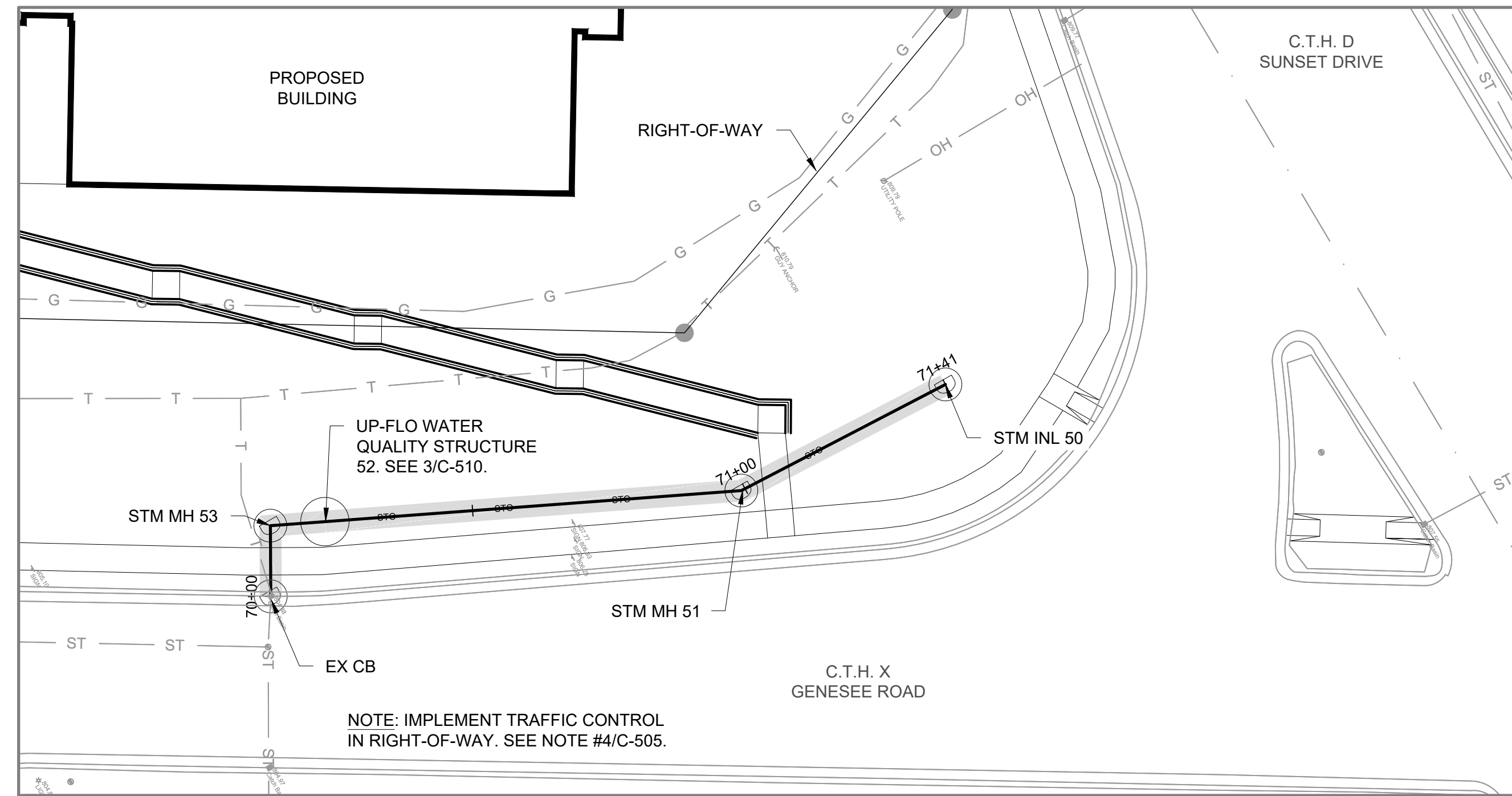
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Sheet No.

C-509

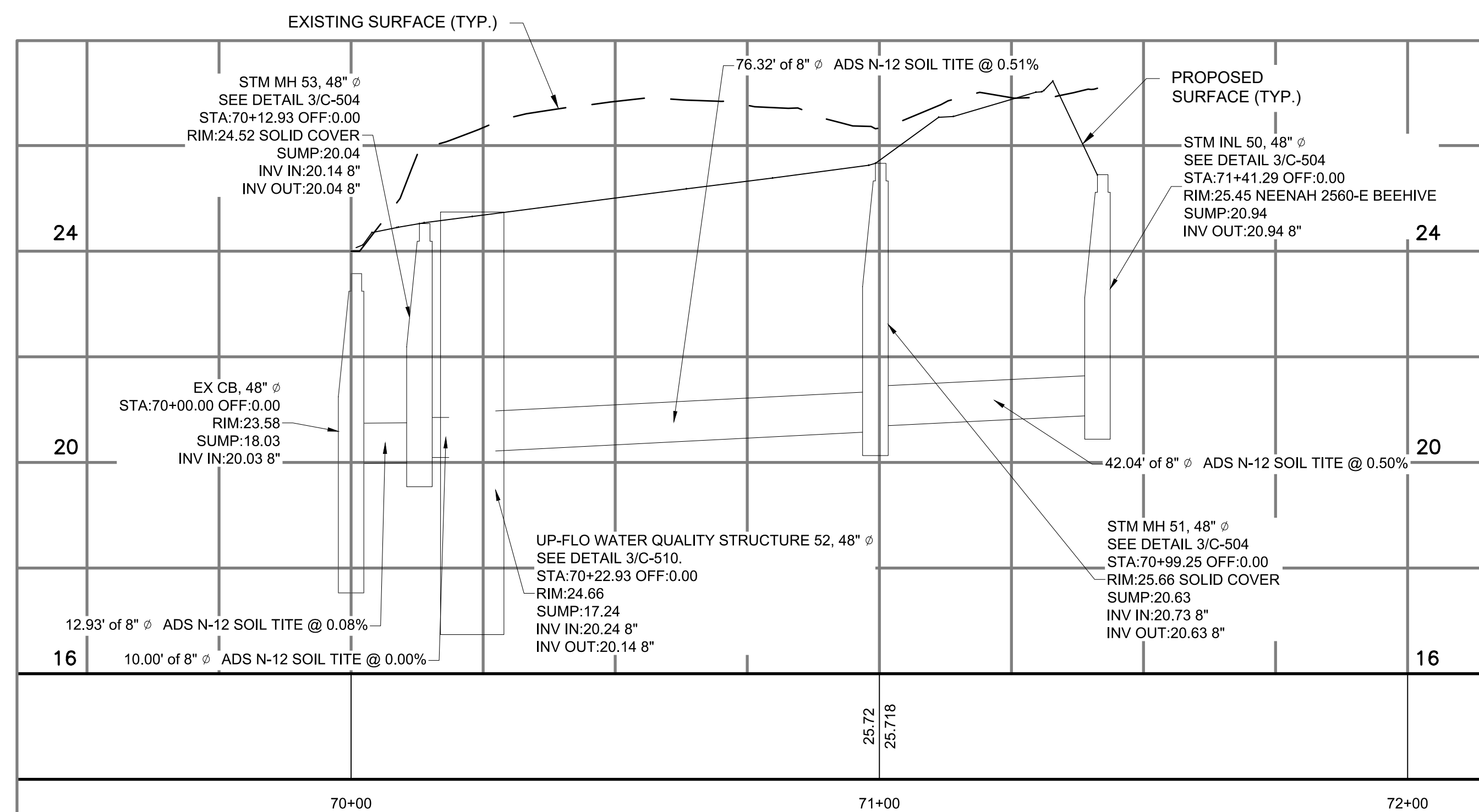
EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		CONCRETE ENDWALL
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE



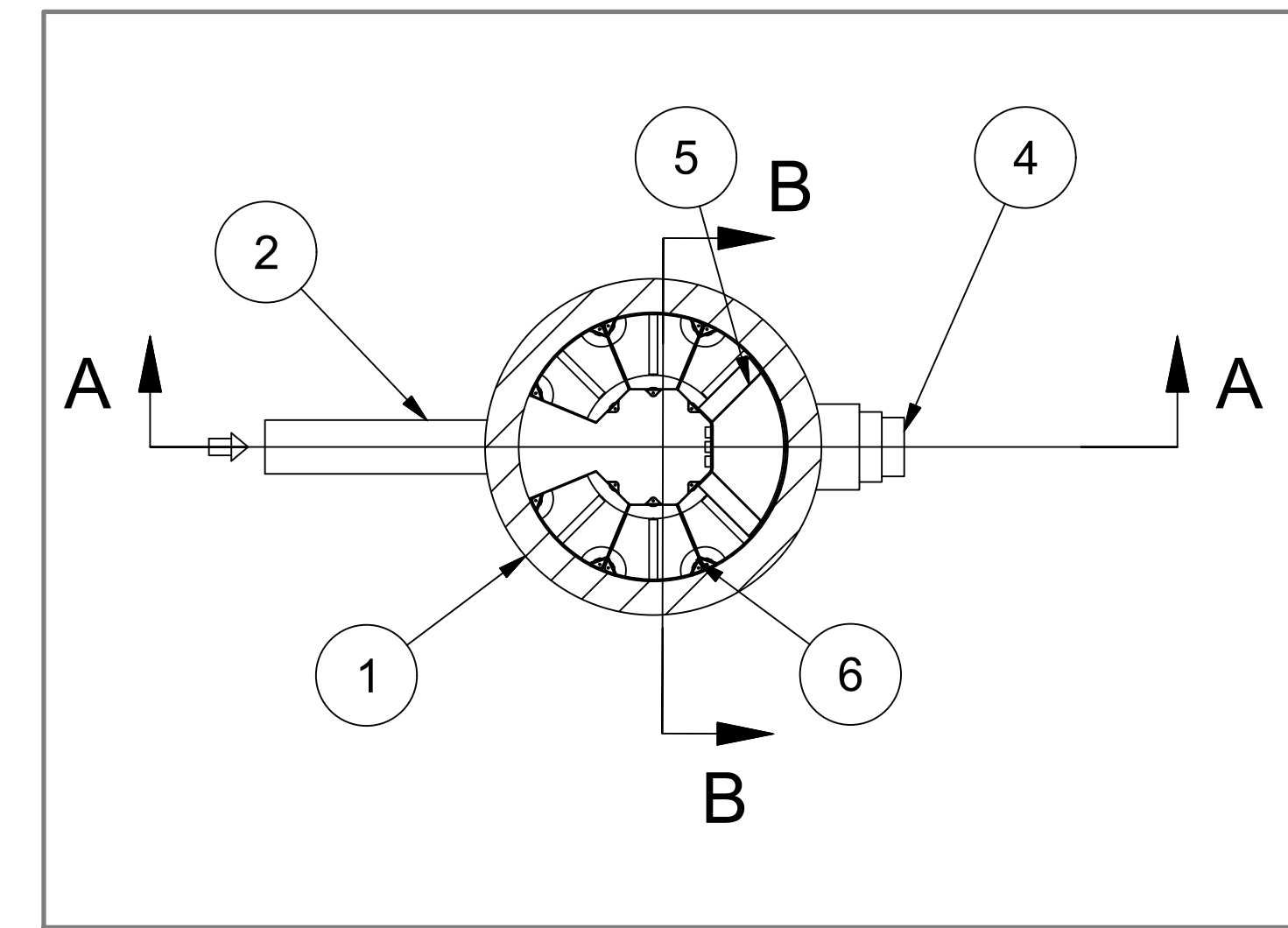
1 STORM PIPING PLAN  
C-510 SCALE: 1"=20'

GENERAL NOTES:

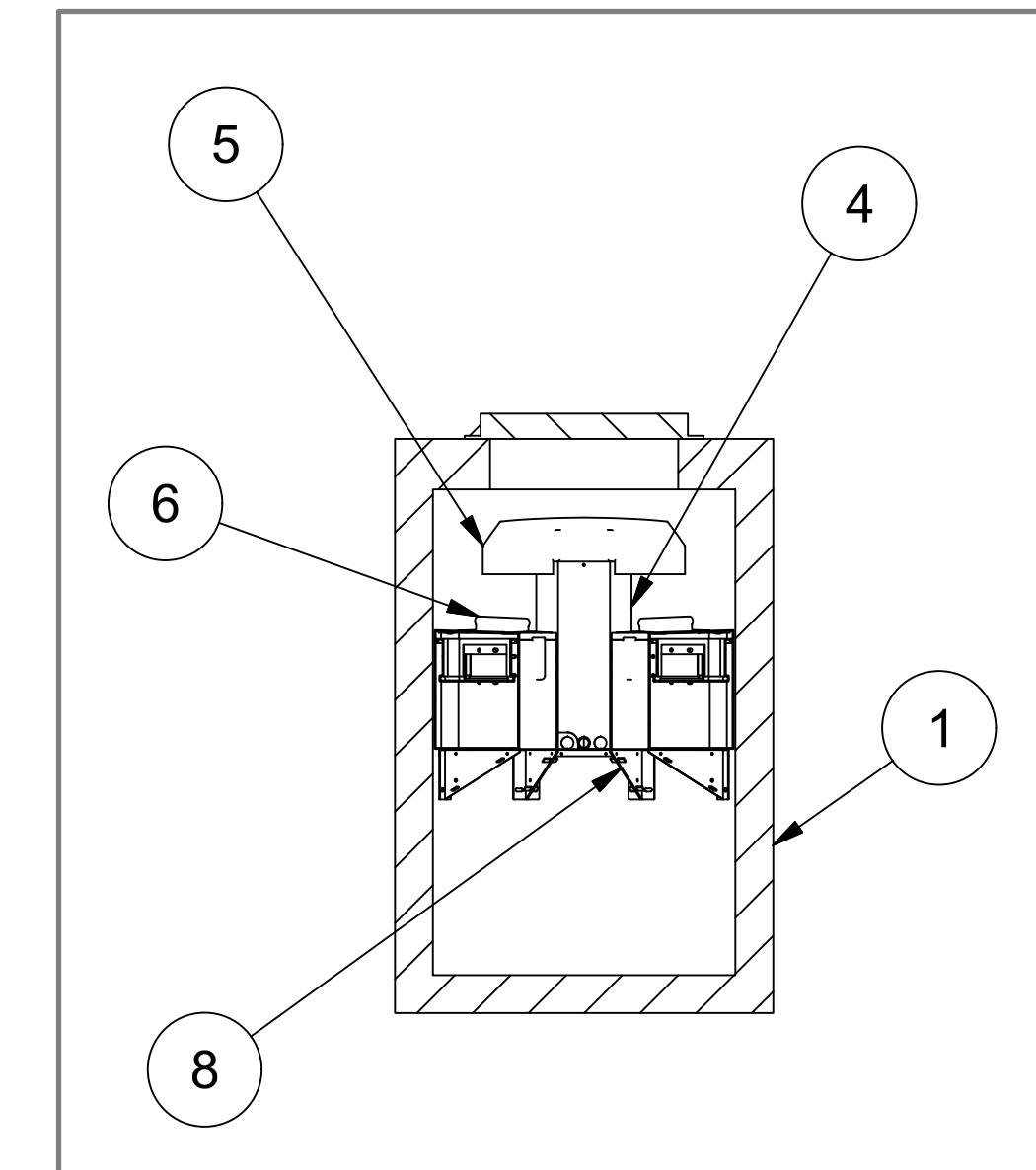
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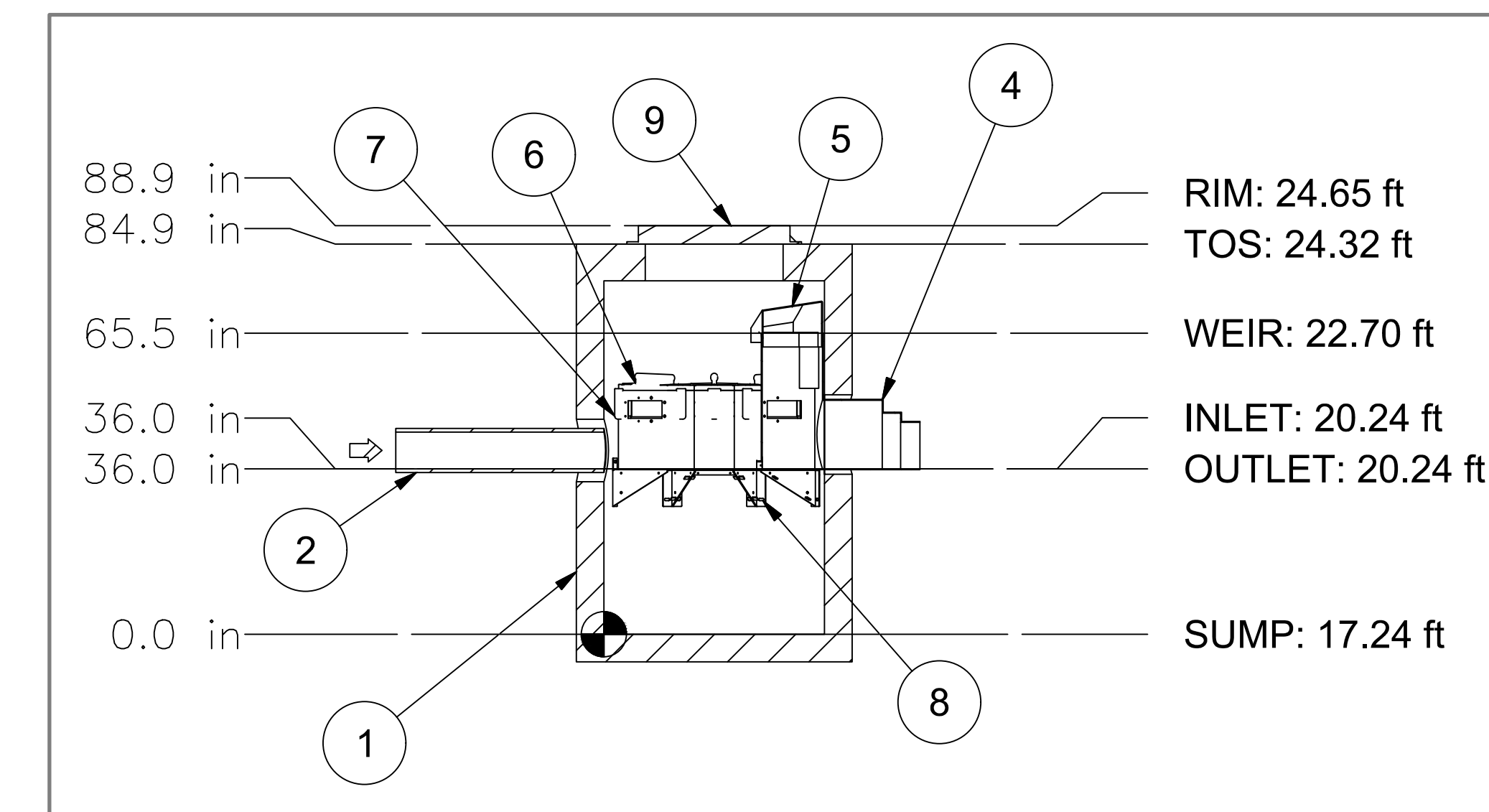
2 STORM PIPING PROFILE  
C-510 SCALE: 1"=20' HORIZ.; 1"=2' VERT.



3A UP-FLOW 52 TOP VIEW  
C-510 SCALE: NTS



3B UP-FLOW 52 SECTION B-B  
C-510 SCALE: NTS

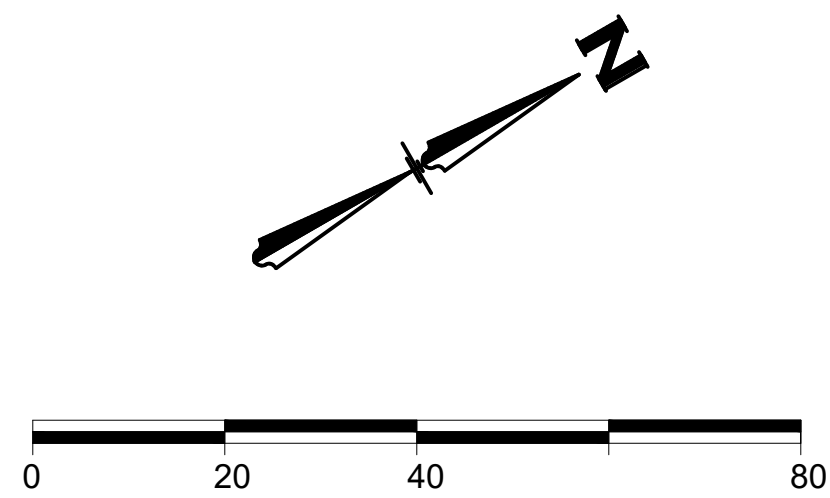


3C UP-FLOW 52 SECTION A-A  
C-510 SCALE: NTS

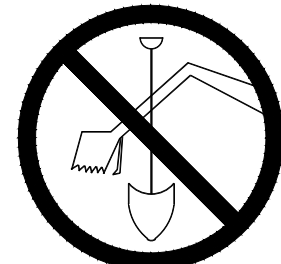
PARTS LIST				
ITEM	QTY	DESCRIPTION	SIZE (in)	TYPE
1	1	PRECAST MANHOLE	48	
2	1	INLET PIPE	8	HDPE
4	1	OUTLET MODULE		
5	1	BYPASS HOOD		
6	6	MODULE LID		
7	6	MODULE BODY		
8	7	SUPPORT FRAME		
9	1	30" FRAME AND COVER	30	

3D UP-FLOW 52 PARTS LIST  
C-510 SCALE: NTS

3 UP-FLOW WATER QUALITY STRUCTURE 52  
C-510 SCALE: NTS



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SCOPE DOCUMENTS

Drawing Date

06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title

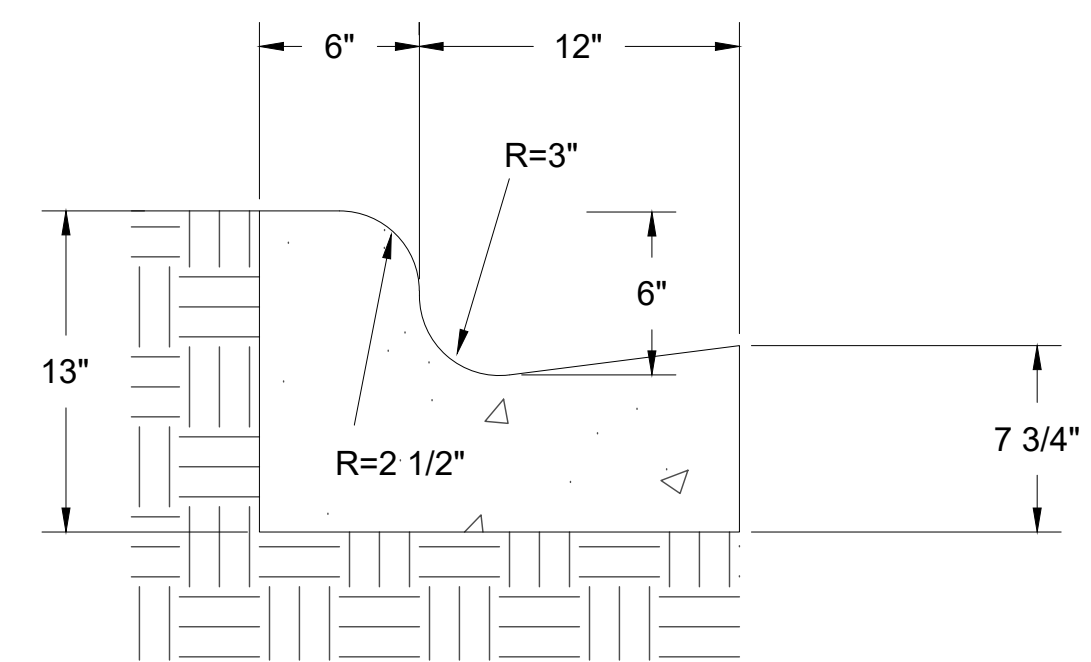
STORM PIPING PLAN & PROFILE

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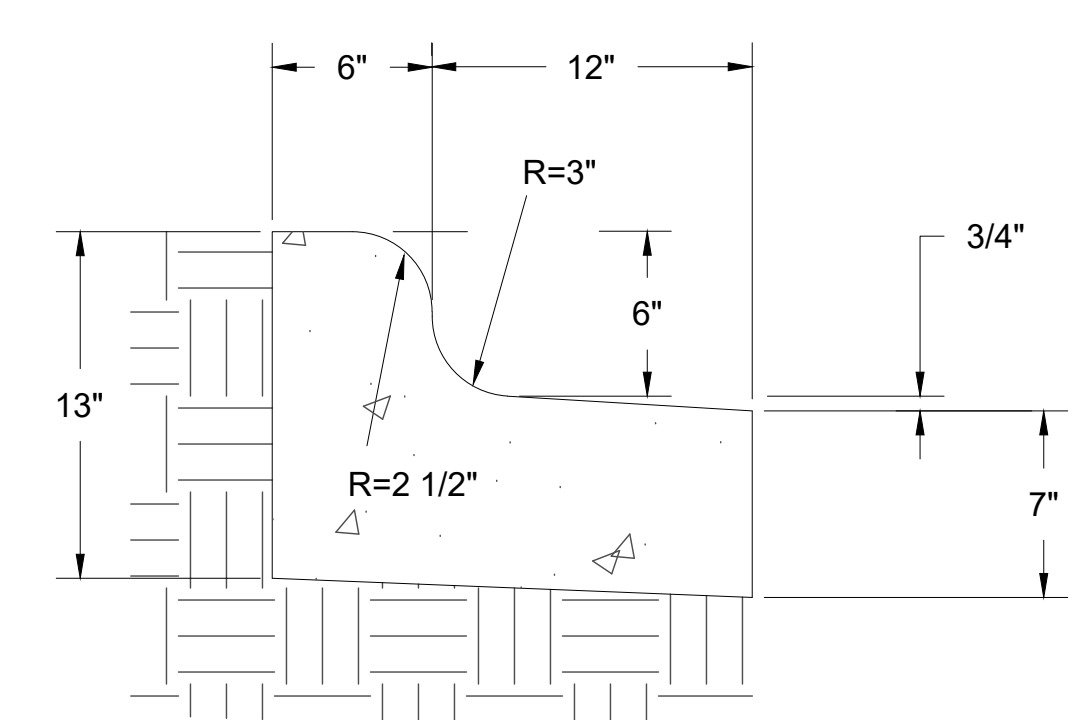
C-510



**GENERAL NOTES:**

- LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH.
- EXPANSION JOINTS SHALL BE PLACED TRANSVERSLY AT RADIUS POINTS ON CURVES OF RADIUS OF 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER. THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE 1/2" THICK.
- IN ALL CASES, CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

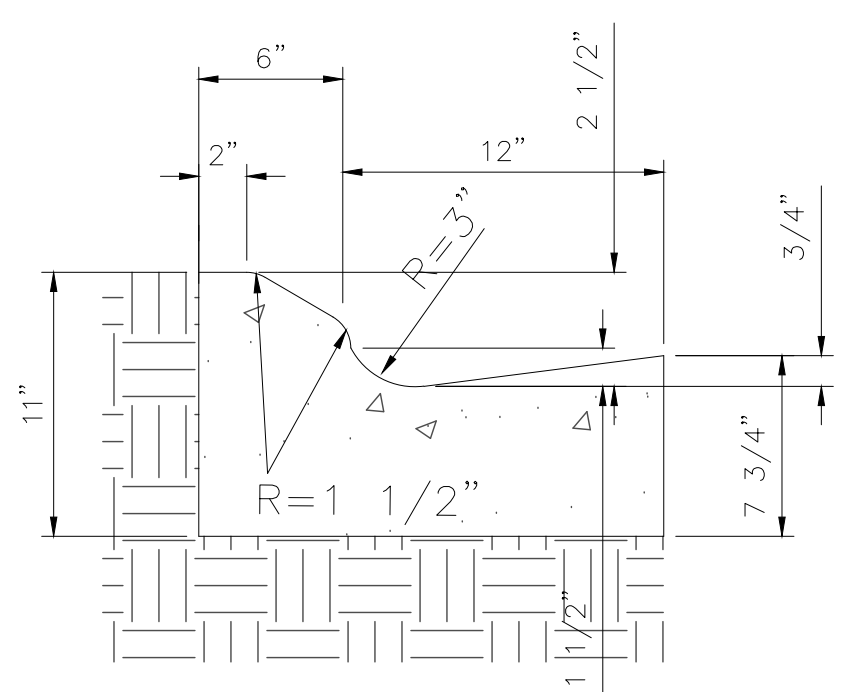
**1A**  
18" STANDARD CURB FOR PRIVATE PARKING LOTS AND DRIVEWAYS  
C-601 SCALE: NTS



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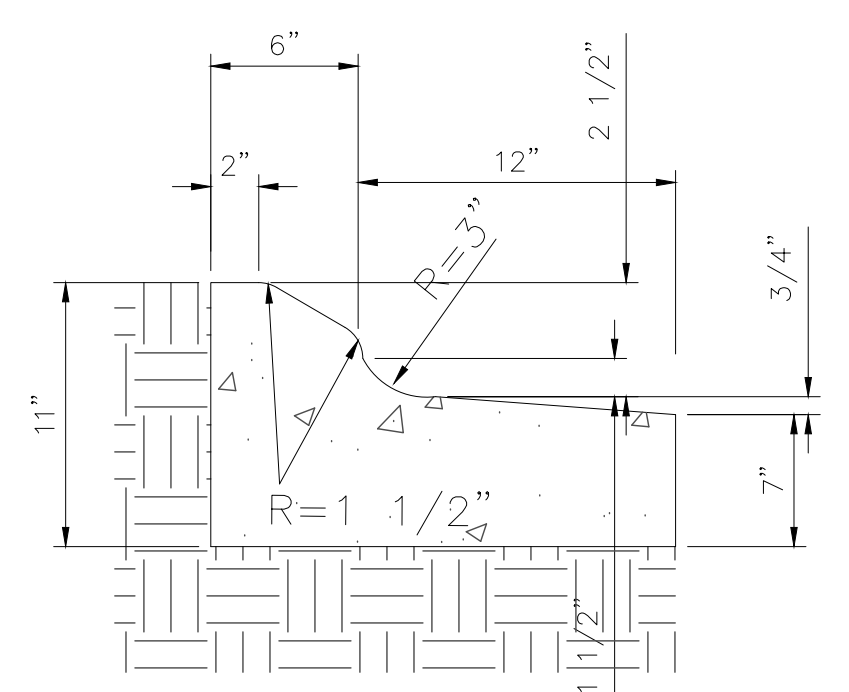
**1B**  
18" REJECT CURB FOR PRIVATE PARKING LOTS AND DRIVEWAYS  
C-601 SCALE: NTS



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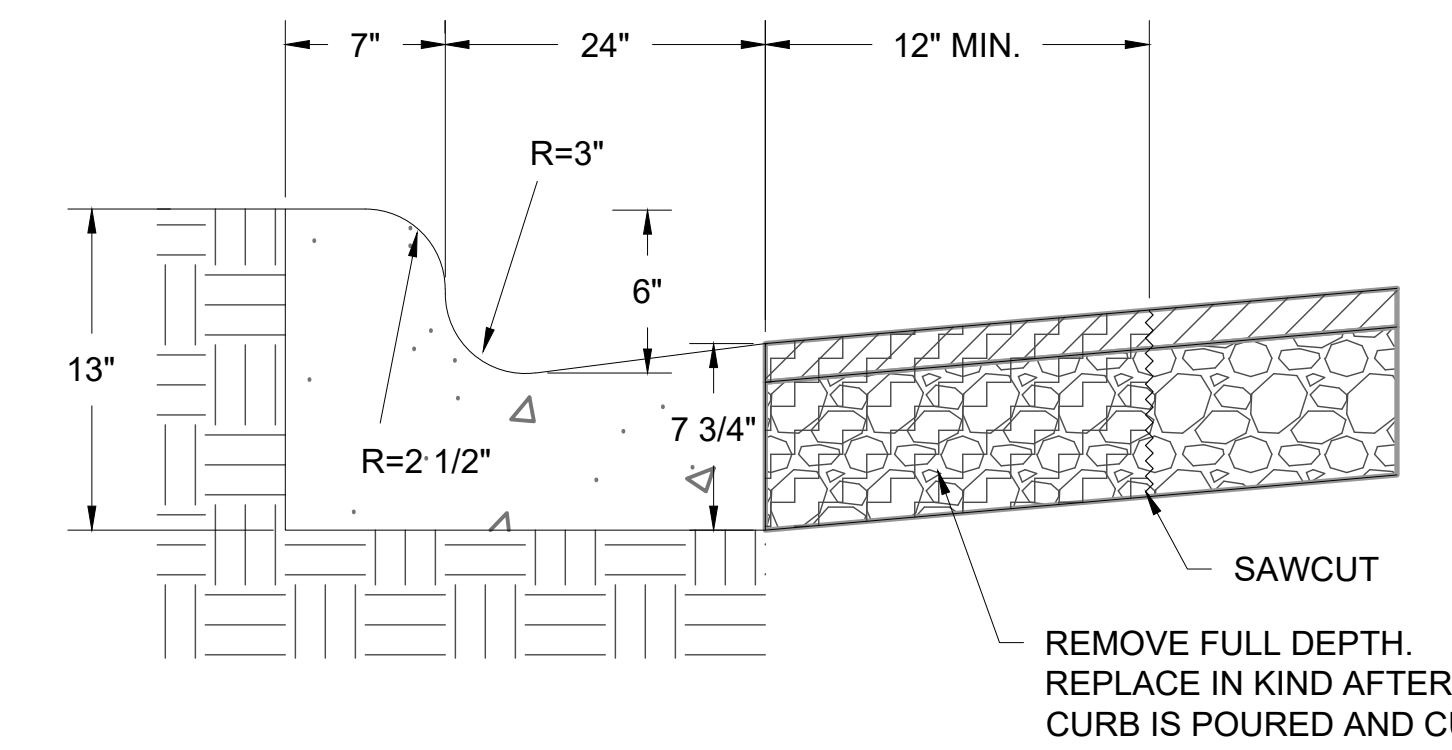
**1C**  
18" MOUNTABLE CURB FOR PRIVATE PARKING LOTS AND DRIVEWAYS  
C-601 SCALE: NTS



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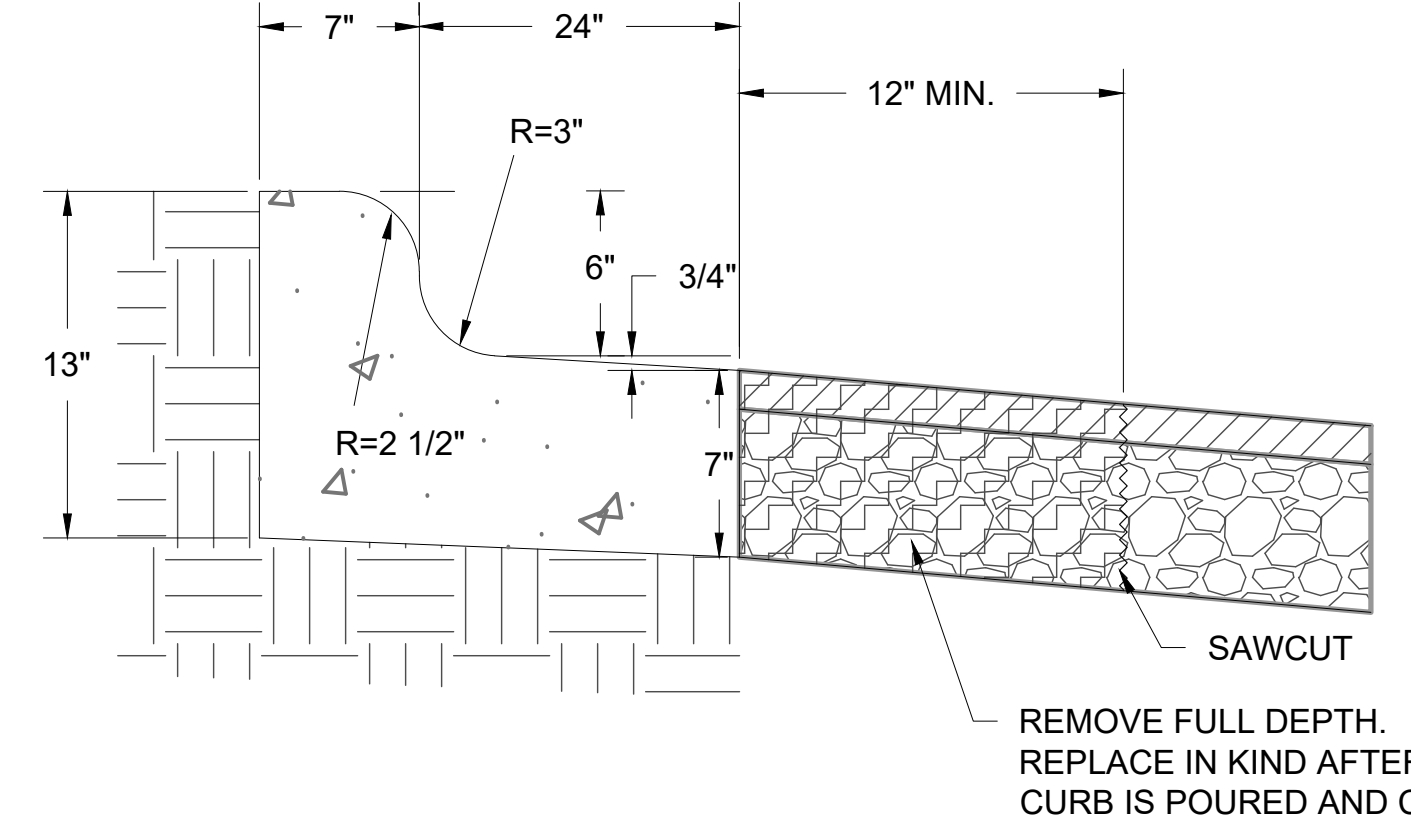
**1D**  
18" REJECT MOUNTABLE CURB FOR PRIVATE PARKING LOTS AND DRIVEWAYS  
C-601 SCALE: NTS



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**1E**  
31" STANDARD CURB FOR DRIVEWAY ENTRANCE  
C-601 SCALE: NTS

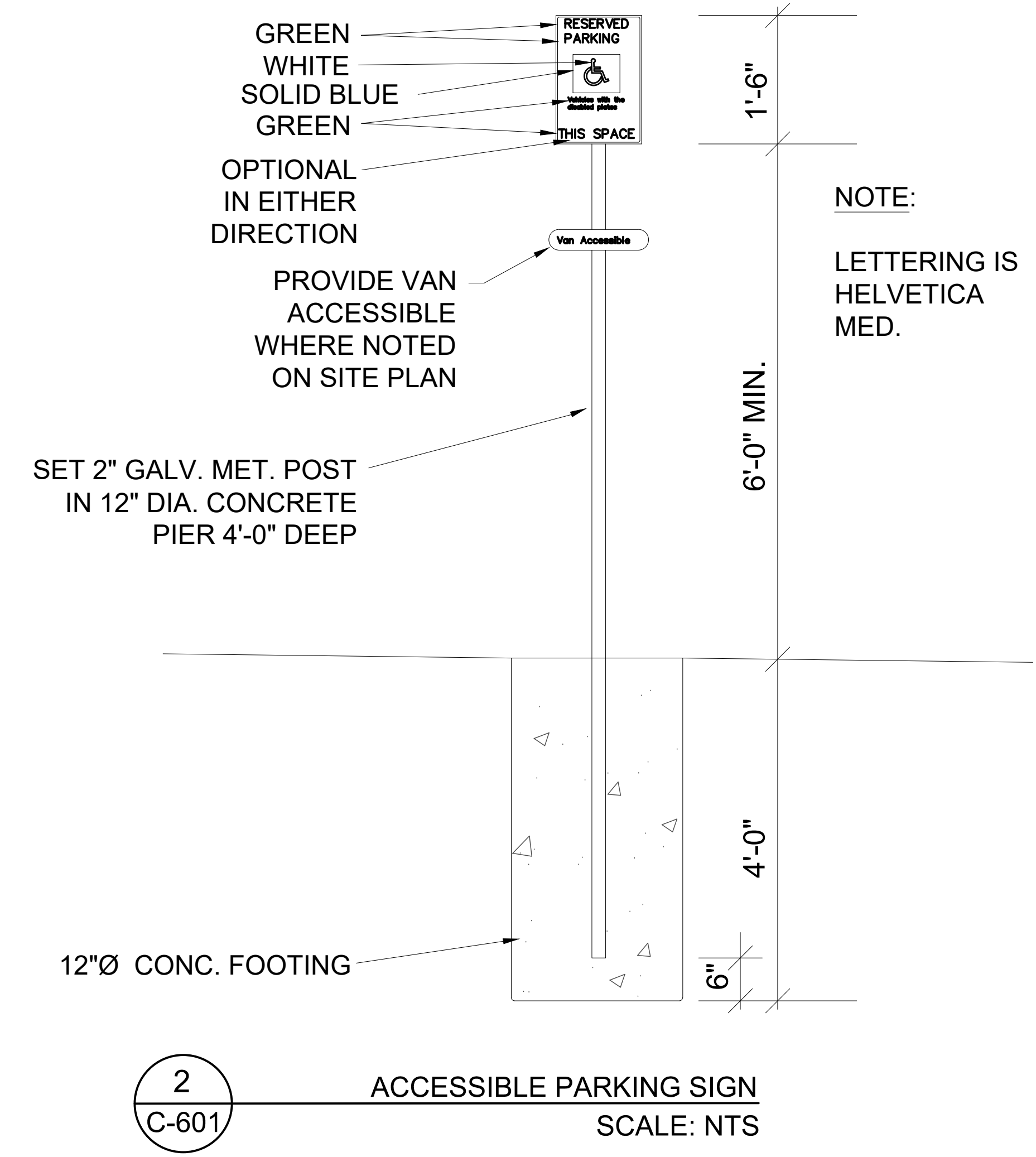


**GENERAL NOTES:**

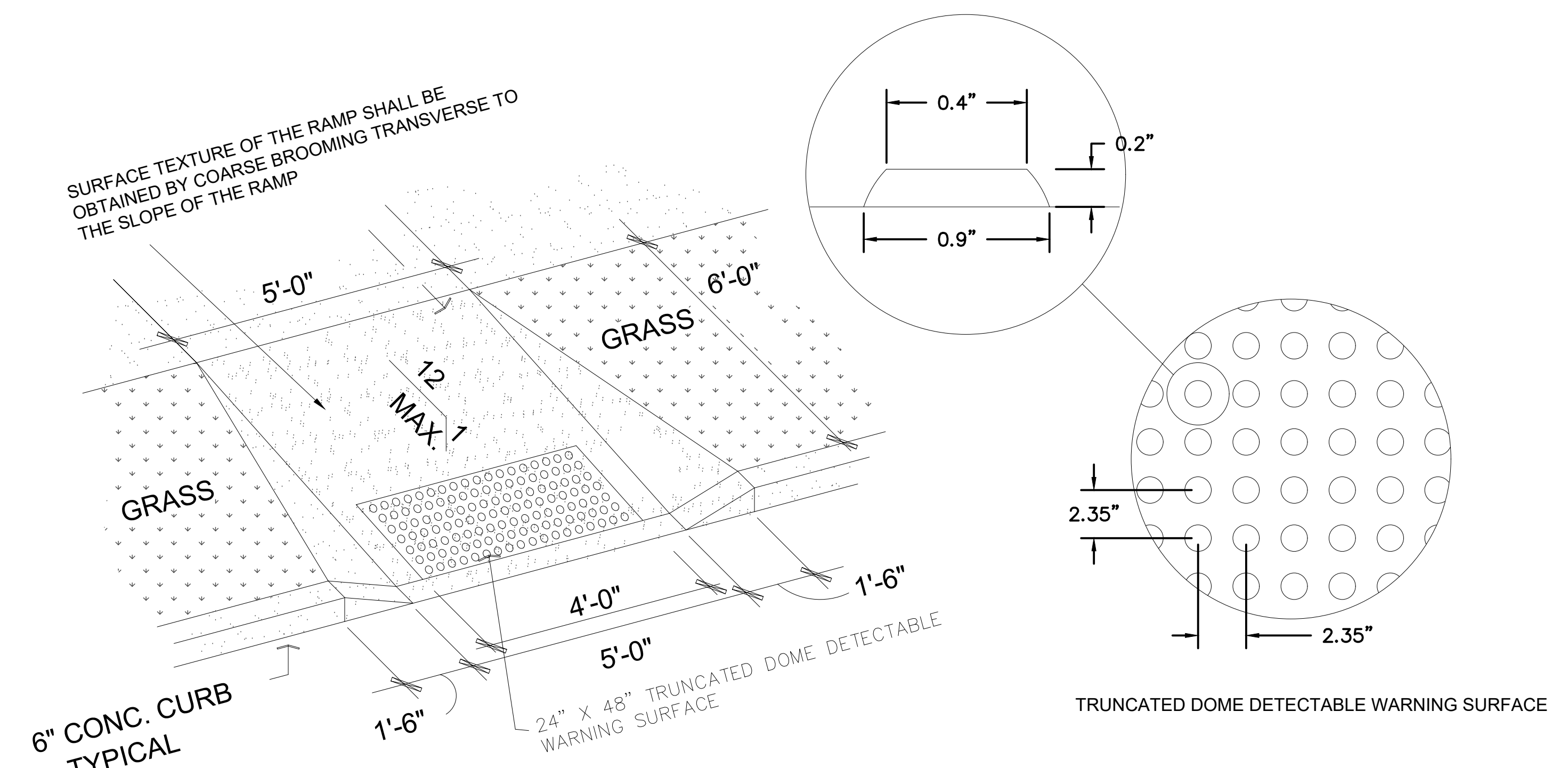
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**1F**  
31" REJECT CURB FOR DRIVEWAY ENTRANCE  
C-601 SCALE: NTS

**1**  
CONCRETE CURB-AND-GUTTER  
C-601 SCALE: NTS



**2**  
ACCESSIBLE PARKING SIGN  
C-601 SCALE: NTS



**3**  
ACCESSIBLE CURB RAMP  
C-601 SCALE: NTS

Revisions

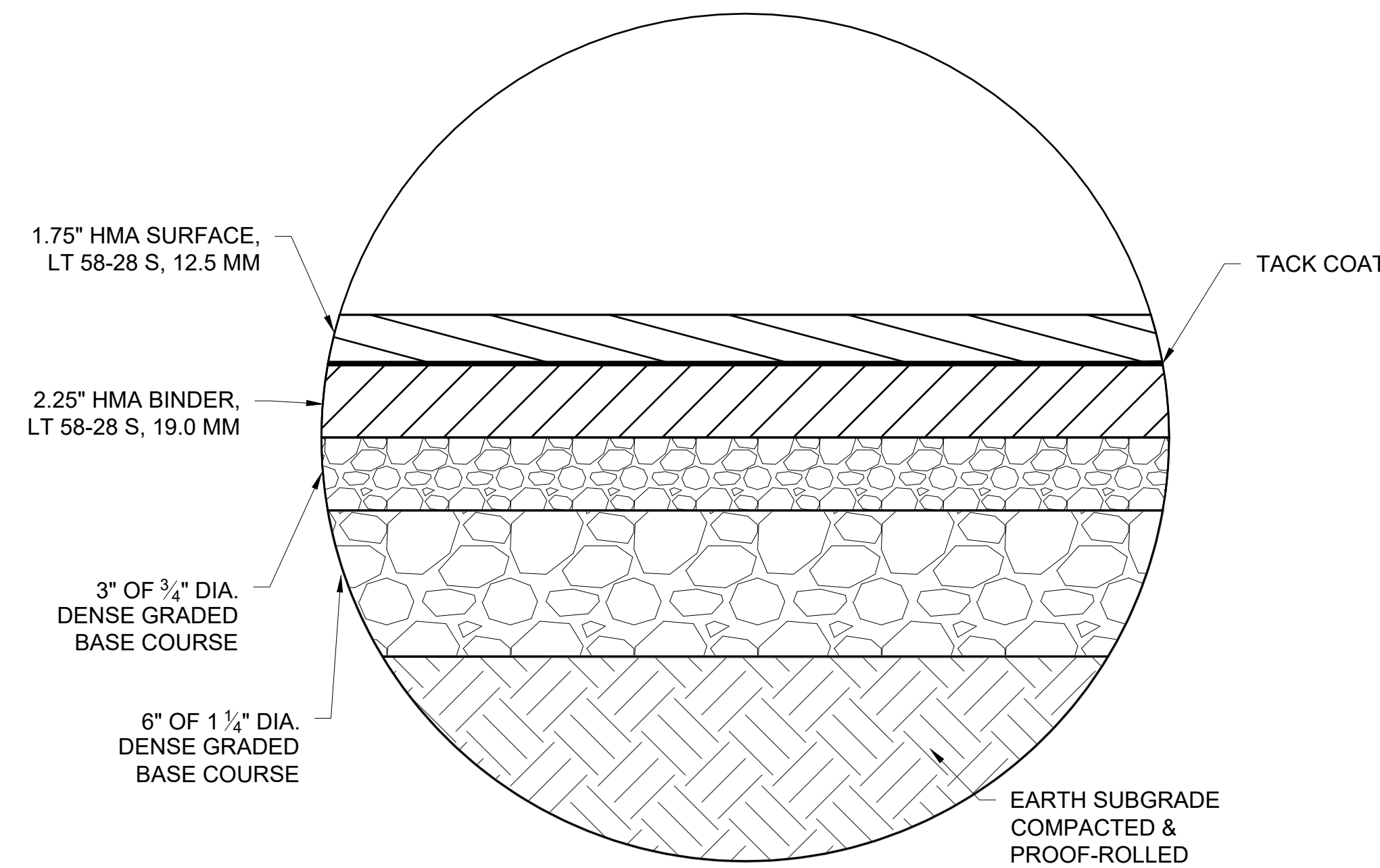
CITY OF WAUKESHA PLAN COMMISSION REVIEW  
SCOPE DOCUMENTS  
Drawing Date  
06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

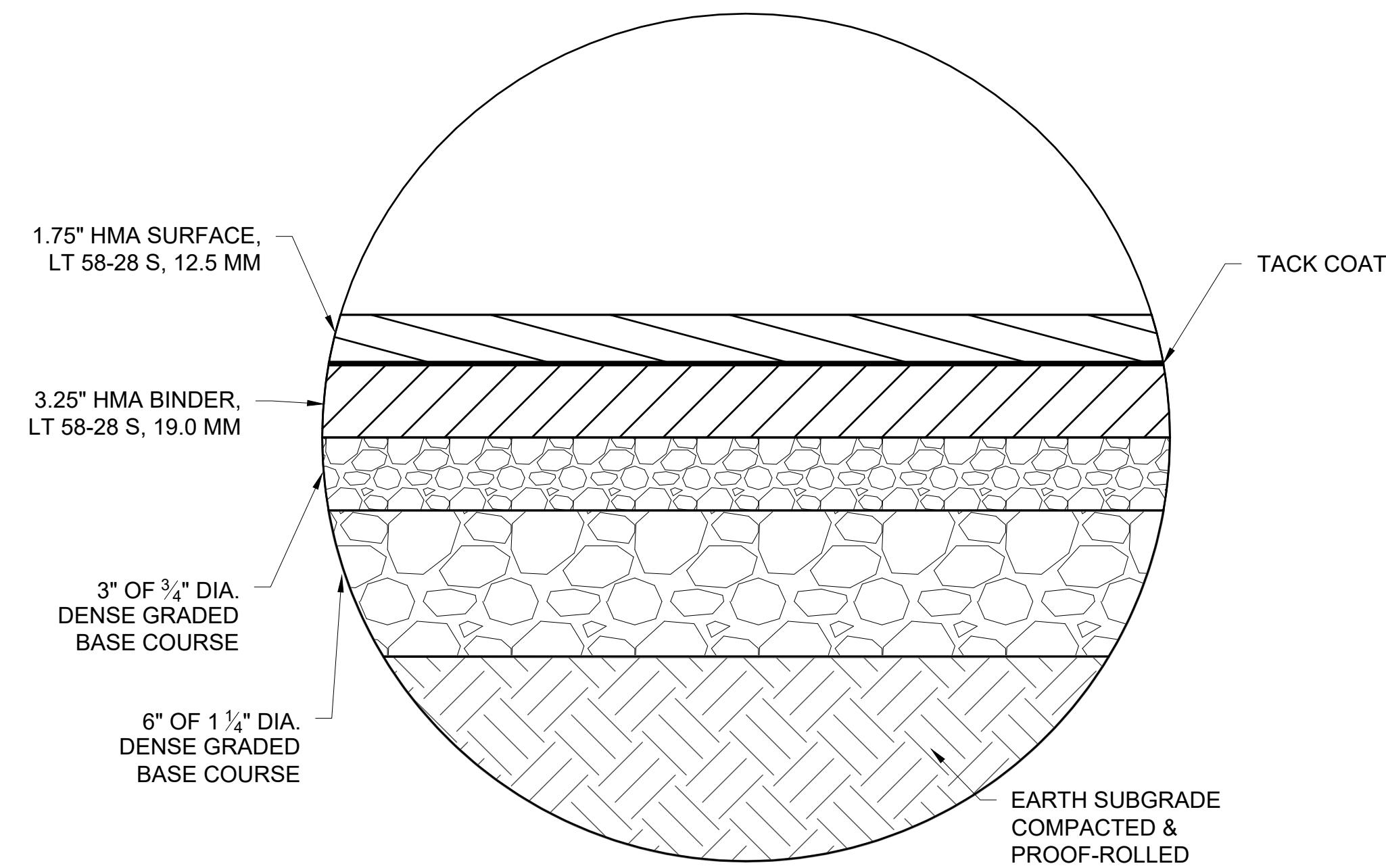
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CIVIL DETAILS

NOT FOR CONSTRUCTION

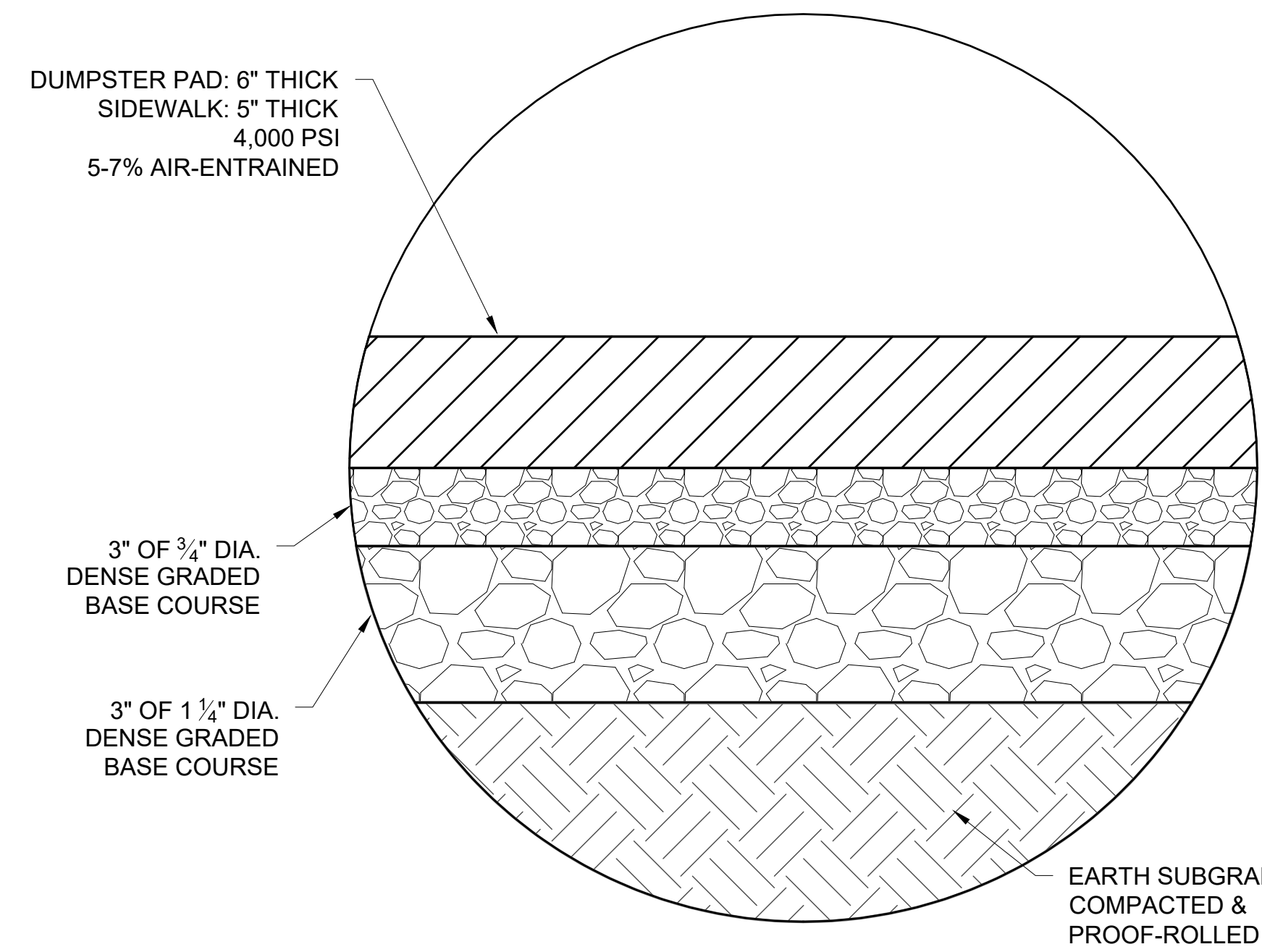


SEE TERRACON GEOTECHNICAL ENGINEERING REPORT, FEBRUARY 4, 2019

**1A** LIGHT DUTY ASPHALT PAVEMENT CROSS-SECTION  
C-602 SCALE: NTS

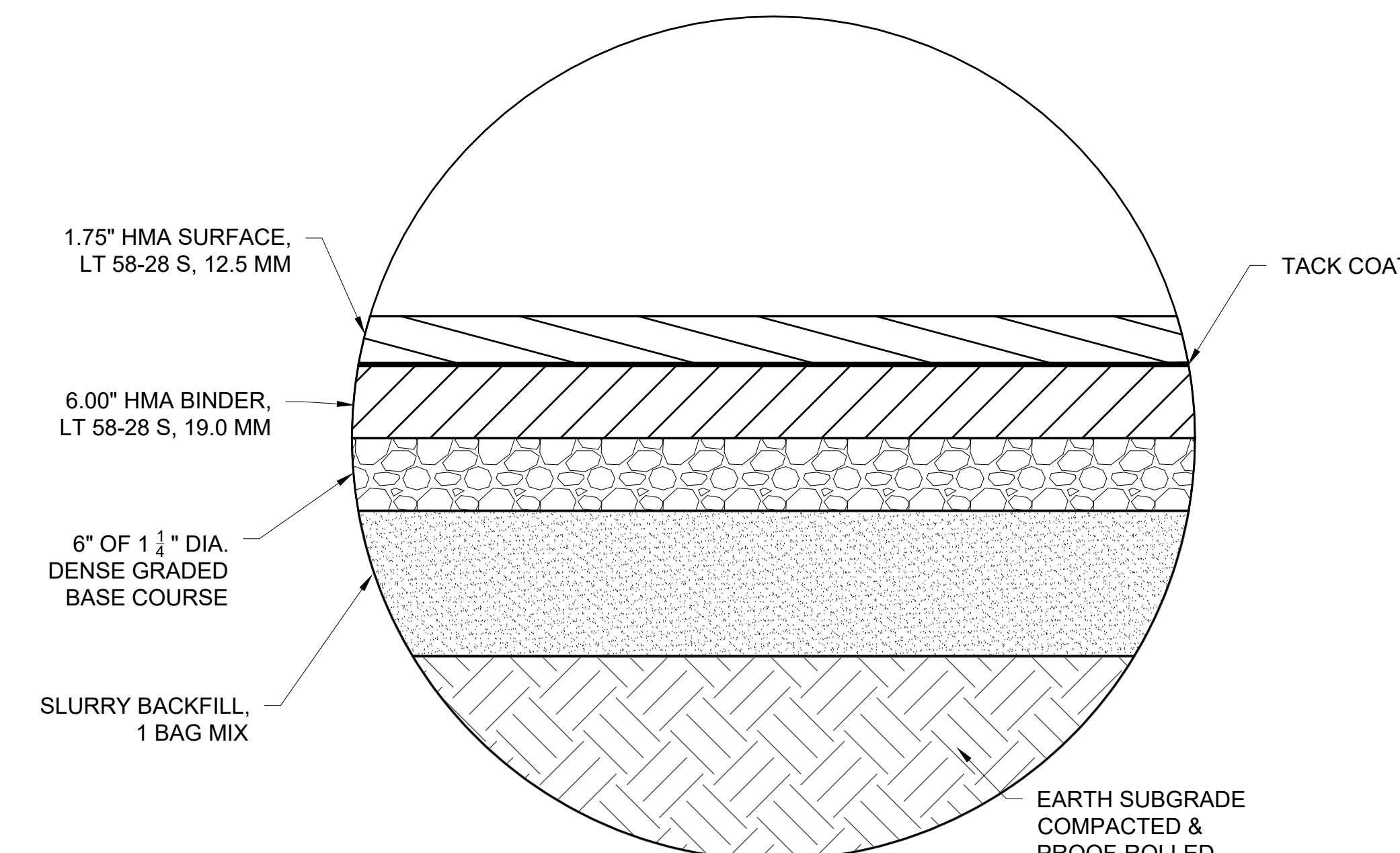


**1B** HEAVY DUTY ASPHALT PAVEMENT CROSS-SECTION  
C-602 SCALE: NTS



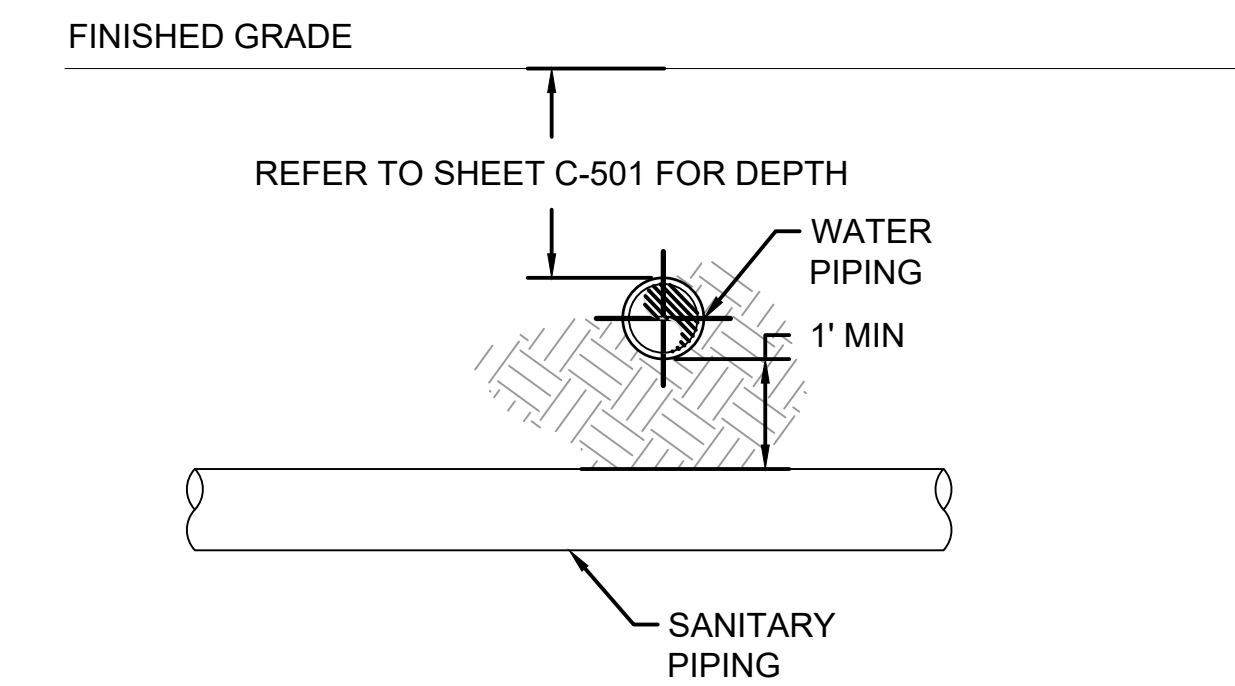
SEE TERRACON GEOTECHNICAL ENGINEERING REPORT, FEBRUARY 4, 2019

**1C** HEAVY DUTY ASPHALT PAVEMENT CROSS-SECTION  
C-602 SCALE: NTS

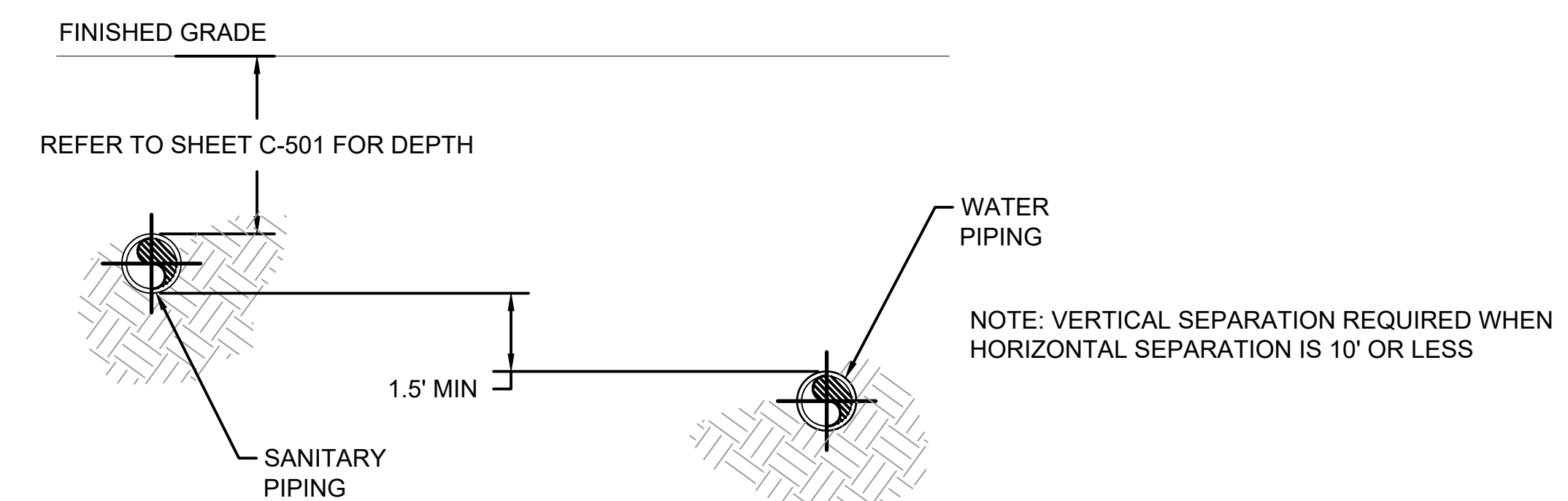
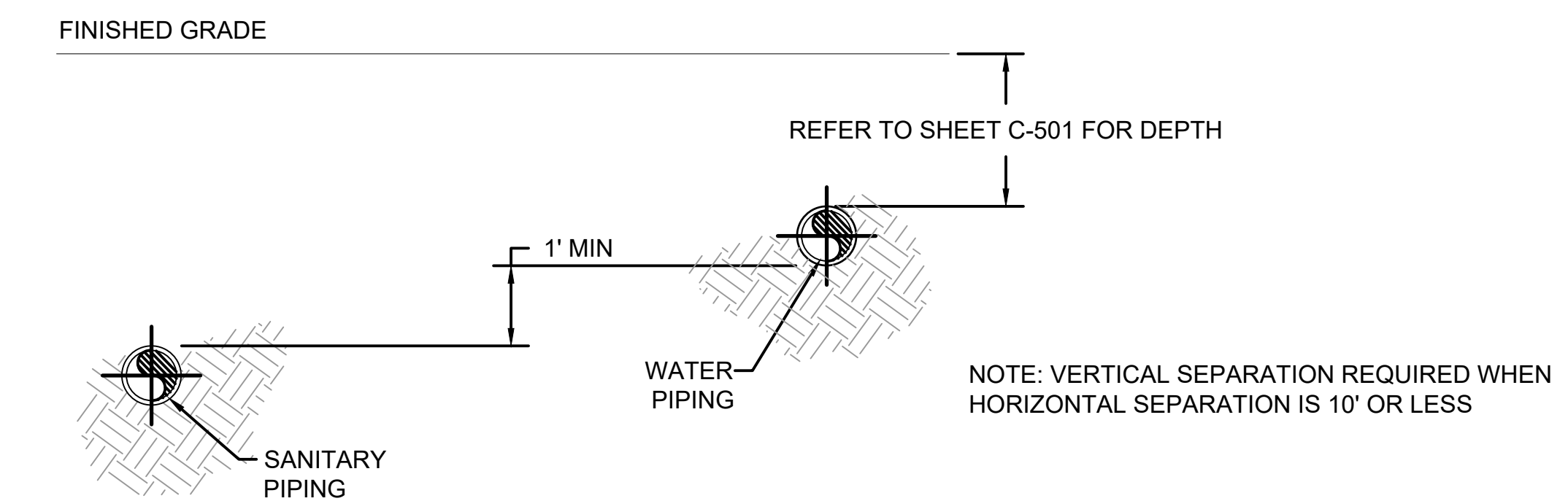
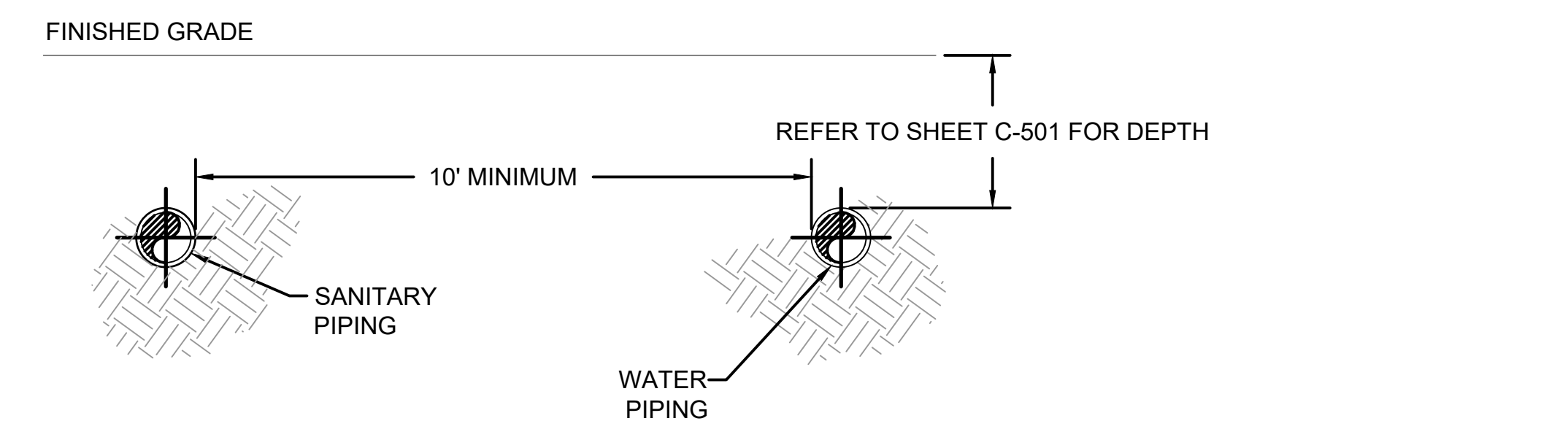
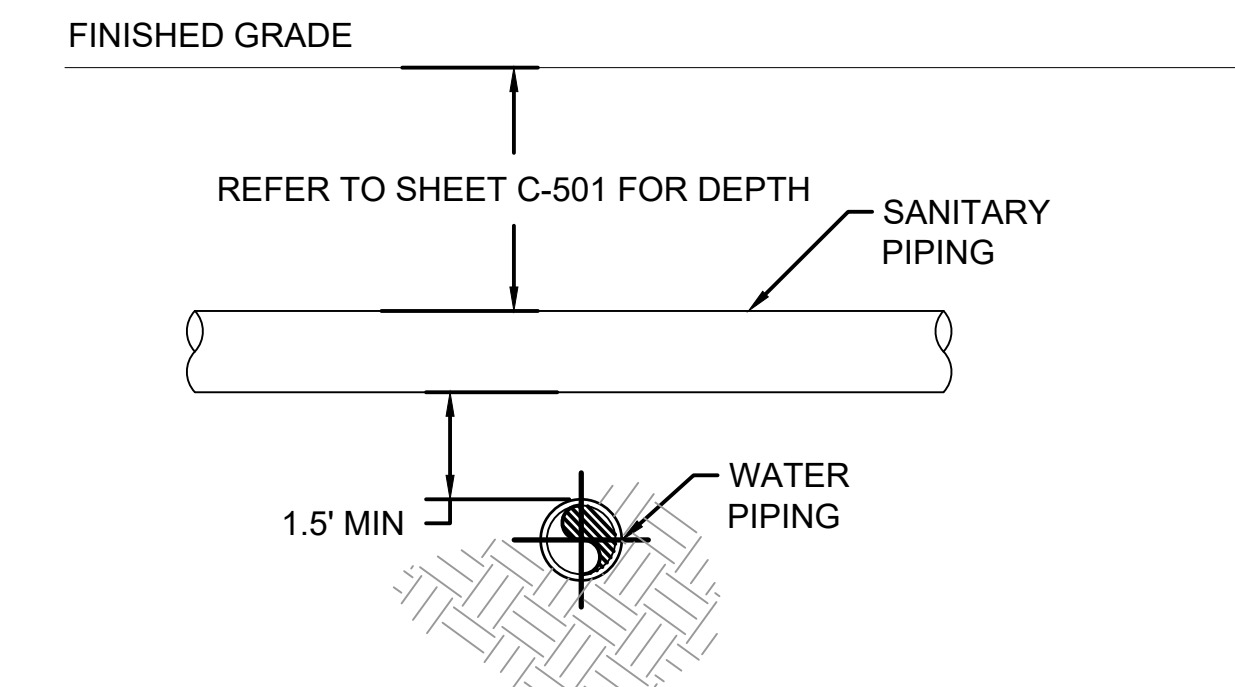


**1D** C.T.H. X GENESSEE ROAD CROSS-SECTION  
C-602 SCALE: NTS

**1** PAVEMENT CROSS-SECTIONS  
C-602 SCALE: NTS



**1** VERTICAL SEPARATION FOR CROSSING UTILITY PIPING  
C-606 SCALE: NTS



**2** HORIZONTAL AND VERTICAL SEPARATION FOR CROSSING UTILITY PIPING  
C-602 SCALE: NTS

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

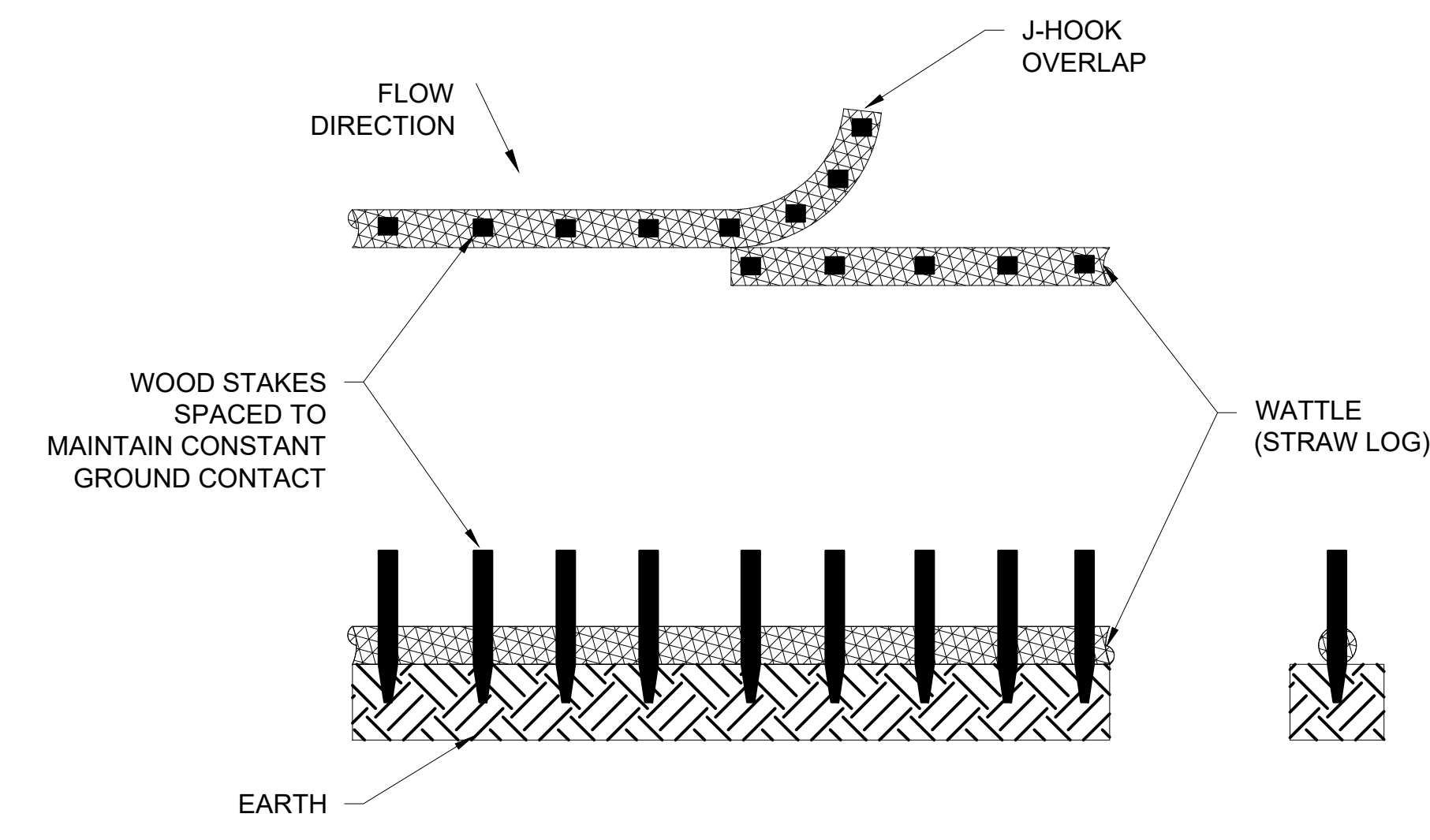
Drawing Date

06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. 218082.00  
FROEDTERT HEALTH

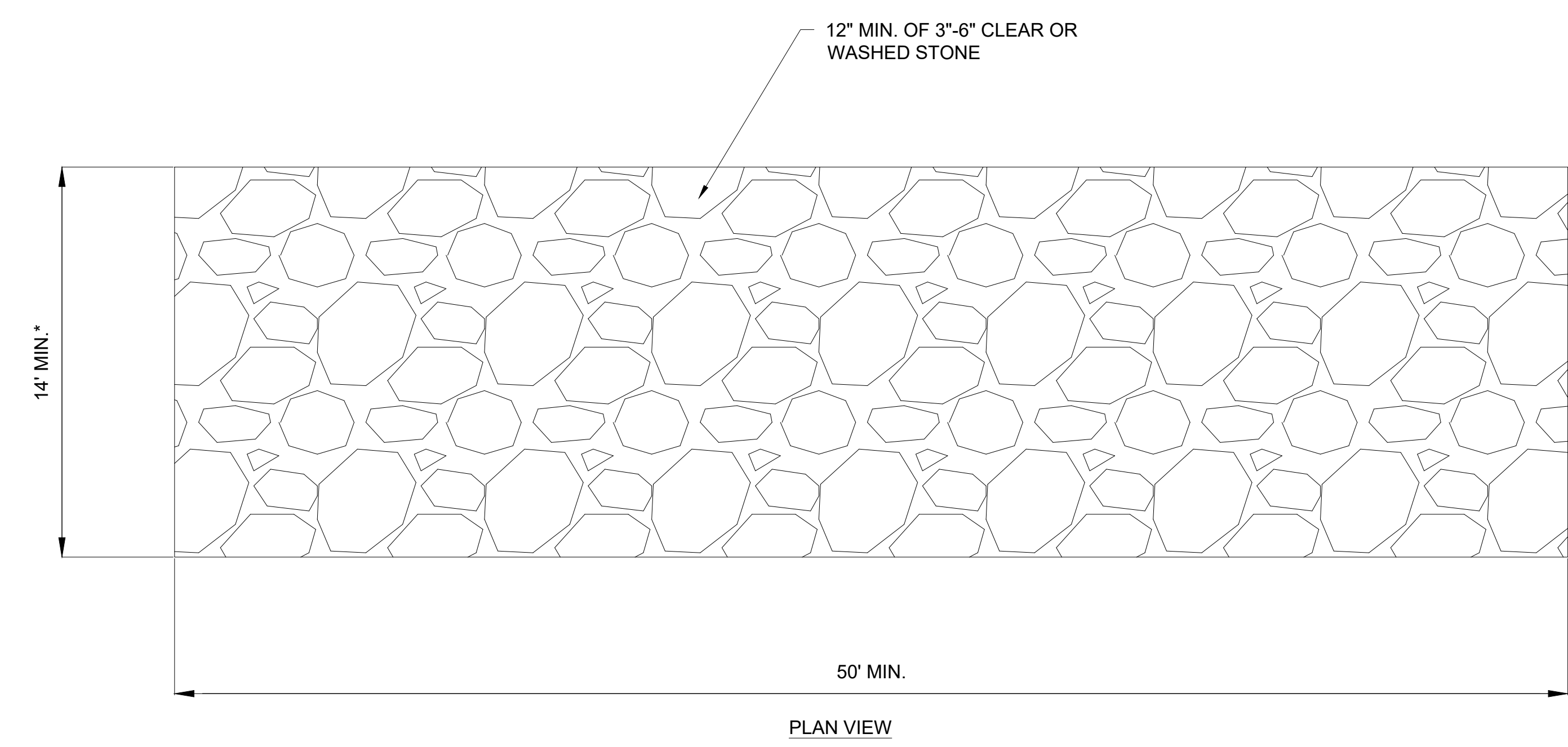
Sheet Title  
CIVIL DETAILS



WATTLES NOTES:

1. COMPLY WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSERVATION PRACTICE STANDARD #1071 "INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS".

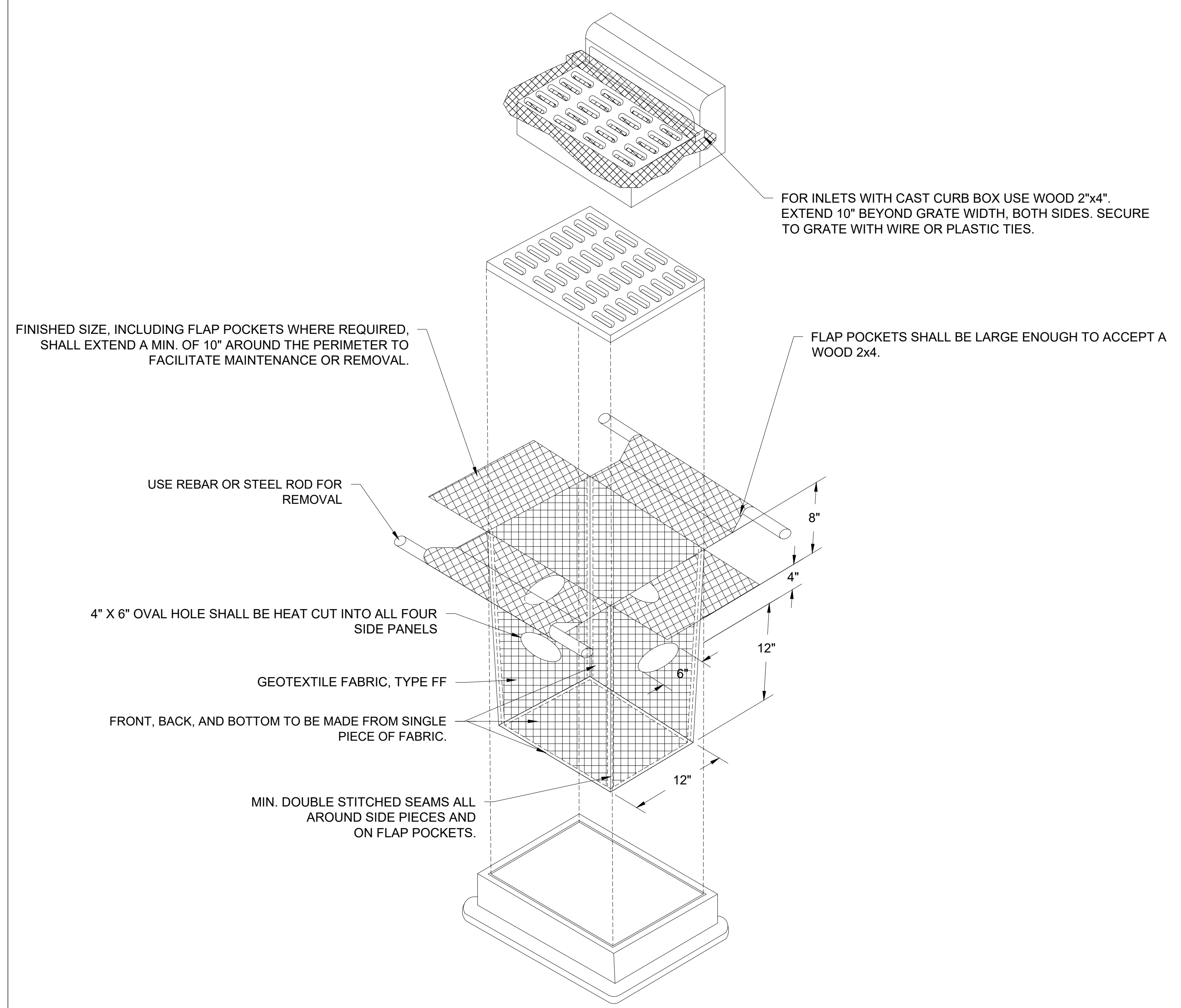
1 WATTLES  
C-603 SCALE: NTS



TRACKING PAD NOTES:

1. COMPLY WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSERVATION PRACTICE STANDARD #1057 "STONE TRACKING PAD AND TIRE WASHING".
2. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING SITE.
3. ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED DURING THE LIFE OF THE PRACTICE, STONE TRACKING PADS SHALL BE UNDERLAIN WITH A WisDOT TYPE R GEOTEXTILE FABRIC TO PREVENT MIGRATION OF UNDERLYING SOIL INTO THE SOIL.
4. SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM BY USING A VARIETY OF PRACTICES, SUCH AS CULVERTS, WATER BARS, OR SIMILAR PRACTICES.

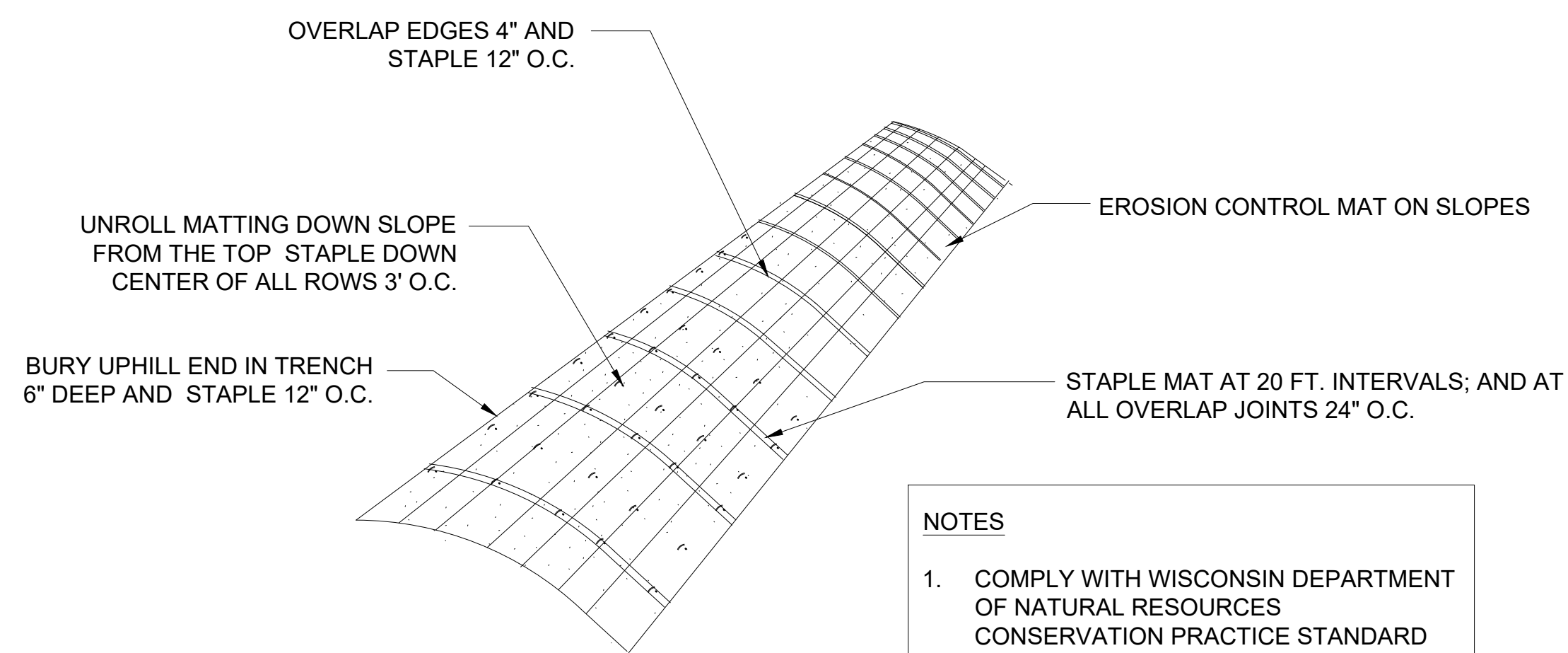
3 TRACKING PAD  
C-603 SCALE: NTS



GENERAL NOTES:

1. COMPLY WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSERVATION PRACTICE STANDARD #1060 "STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES".
2. FABRIC SHALL BE REPLACED AT THE ENGINEER'S DISCRETION.
3. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON WISDOT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) MAY BE SUBSTITUTED.
4. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
5. DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.
6. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" IF THE GRATE.
7. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.
8. INLET PROTECTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

2 INLET PROTECTION  
C-603 SCALE: NTS



- NOTES
1. COMPLY WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSERVATION PRACTICE STANDARD #1052 "NON-CHANNEL EROSION MAT" AND #1053 "CHANNEL EROSION MAT".
  2. PREPARE SOIL BEFORE INSTALLING MAT INCLUDING ALL SOIL PREPARATION AND SEEDING AS SPECIFIED.
  3. ANCHOR MAT IN 6" TRENCH PRIOR TO ROLLING DOWN SLOPE.
  4. THE BOTTOM SECTION OF MAT SHOULD BE ON THE DOWNSTREAM SIDE OF ALL OVERLAPS.
  5. SEE PLAN FOR LOCATION AND TYPES OF MAT.

4 EROSION CONTROL BLANKET  
C-603 SCALE: NTS

EROSION CONTROL SHEET NOTES:

1. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 7 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
2. A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDING OR SODDED.
3. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
4. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.
5. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
6. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING.
7. ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 85% VEGETATION COVERAGE WITH NO LOCALIZED BARE AREAS EXCEEDING 5 S.F., AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE DNR.
8. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH OR A TRACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR CONSERVATION PRACTICE STANDARDS, LATEST EDITION.
10. UPON COMPLETION OF STORM INLET CONSTRUCTION, THE CONTRACTOR SHALL INSTALL STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITE AS SPECIFIED.
11. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, OR PARKING AREAS BY MANUAL OR MECHANICAL SWEEPING A MINIMUM OF ONCE PER WEEK AND BEFORE ALL IMMINENT RAINS.
12. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF RAINFALL OF 0.5 INCH OR MORE.

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date  
06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title  
CIVIL DETAILS

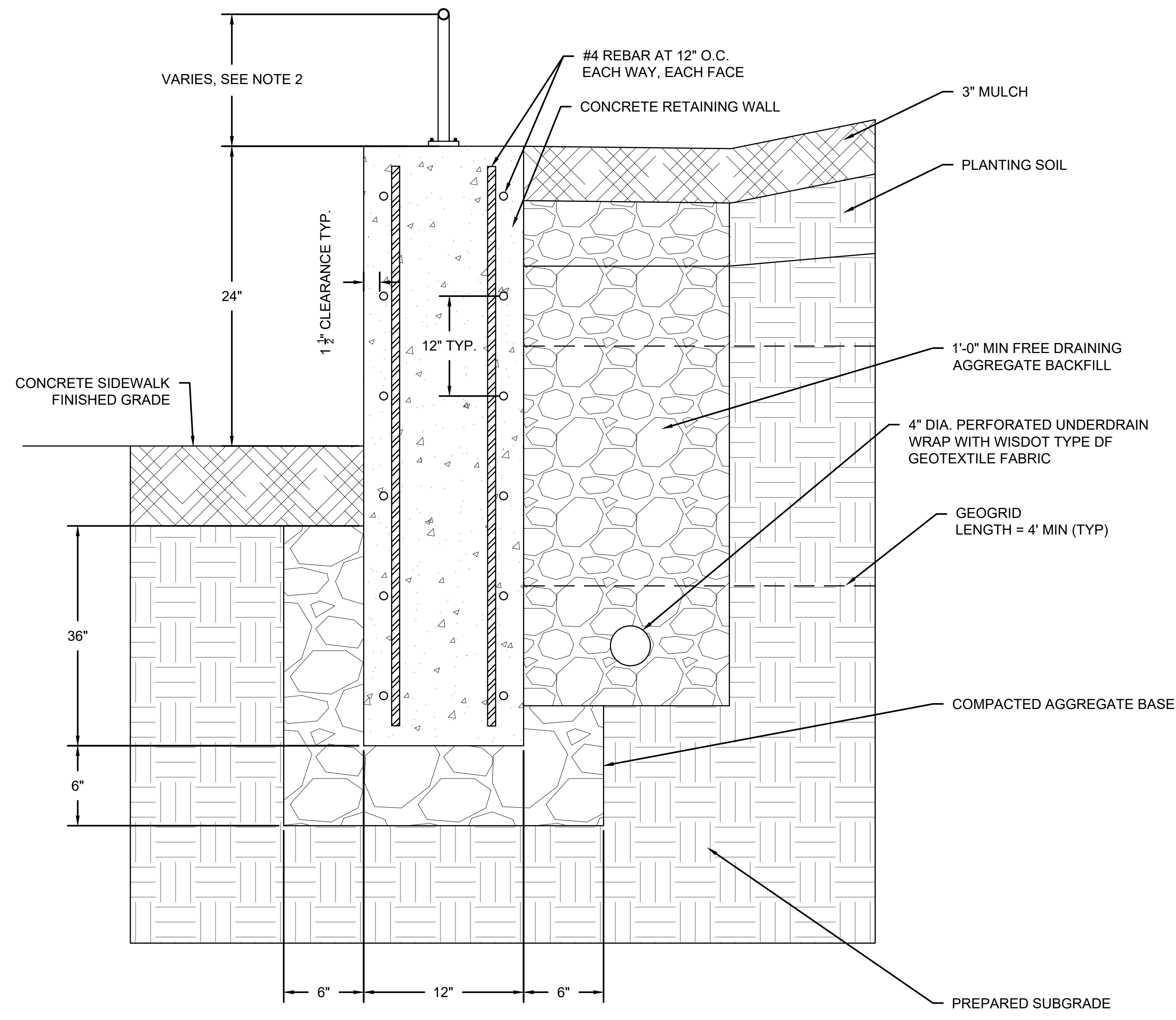
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Sheet No.  
C-603

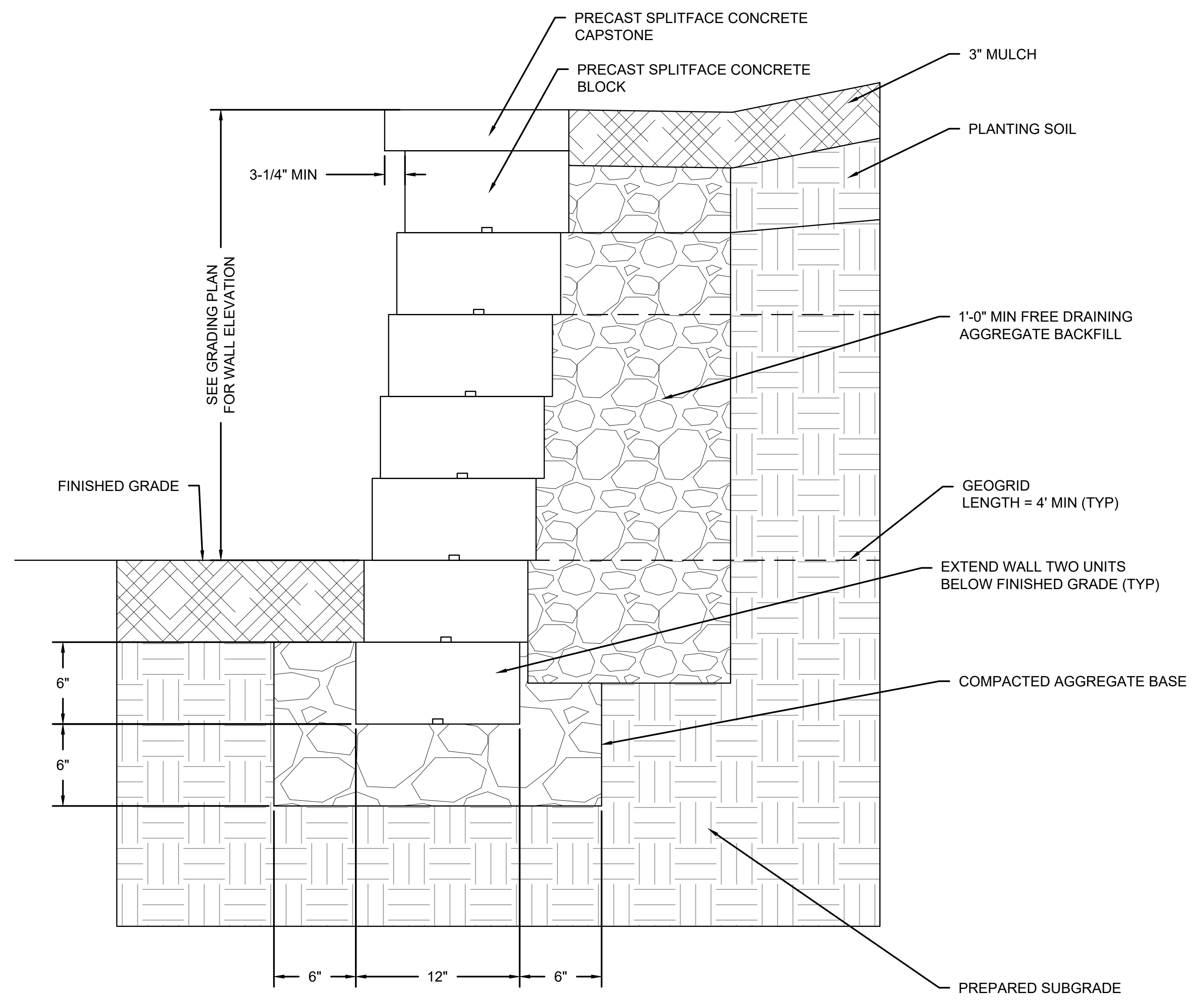


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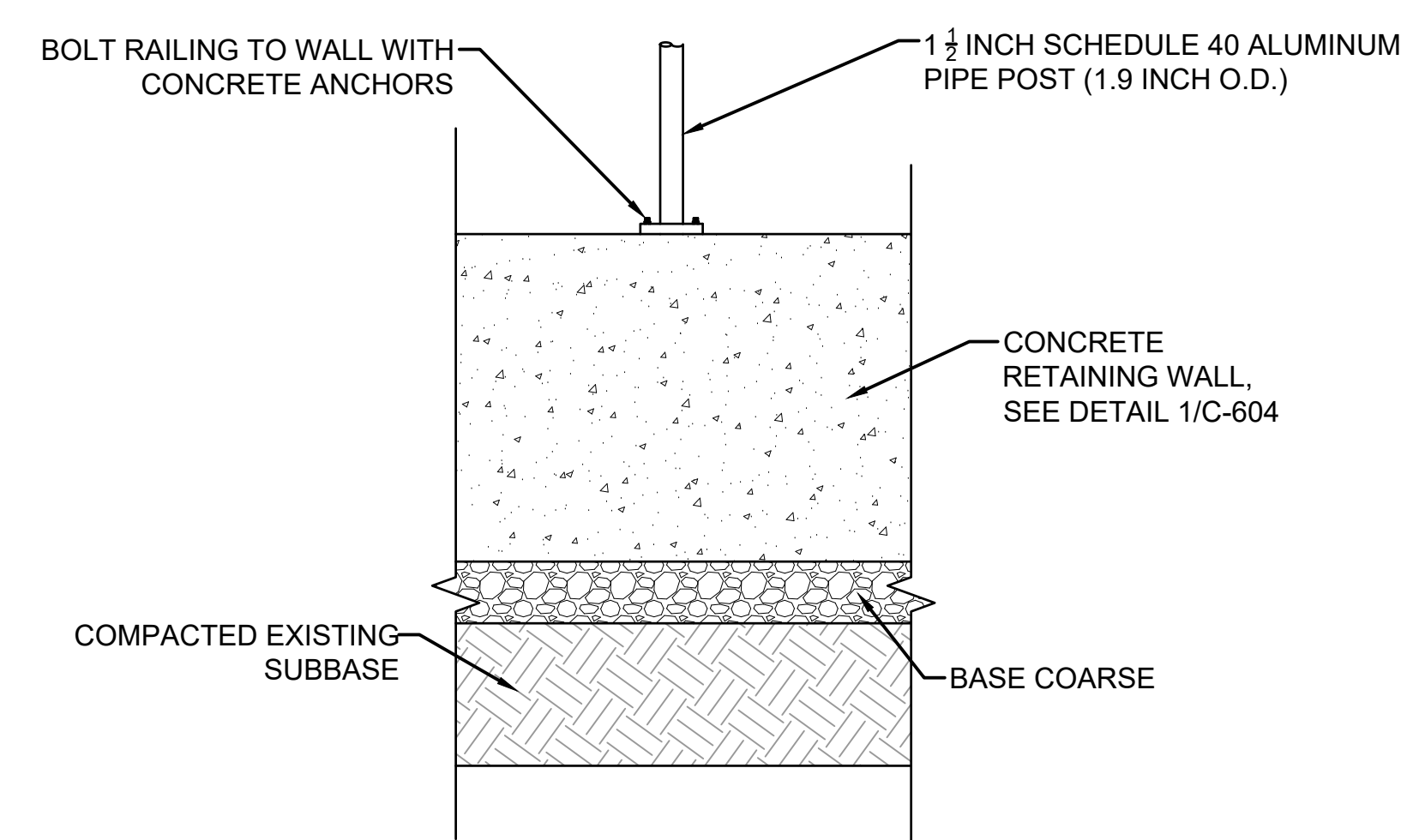


NOTES:  
1. UNDERDRAIN SHALL BE INSTALLED ONLY ON UPHILL SIDE OF RAMP  
2. HANDRAILS SHALL BE INSTALLED AT 36" ABOVE FINISHED GRADE OF SIDEWALK

1 CONCRETE RETAINING WALL  
C-604 NTS



2 PRECAST BLOCK RETAINING WALL  
C-604 NTS



NOTES:  
1. ALL METAL SHALL BE ANODIZED ALUMINUM, 1 1/2 INCH SCHEDULE 40, 1.9 INCH O.D.  
2. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL.

3 HANDRAIL POST ATTACHMENT DETAIL  
C-604 NTS

Revisions

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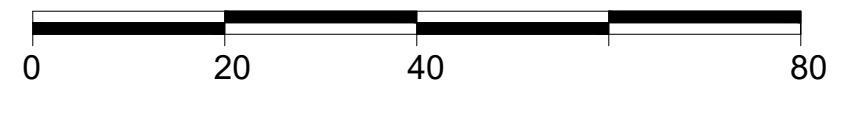
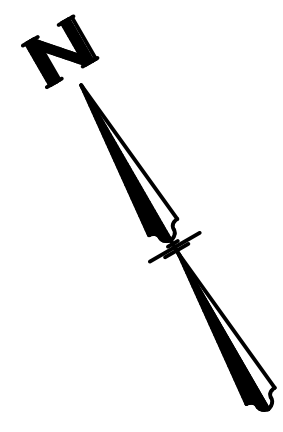
Sheet Title  
CIVIL DETAILS

LEGEND		
EXISTING	PROPOSED	
		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE

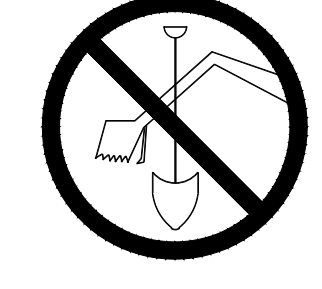
**HYDROLOGY**

EXISTING	PROPOSED	
5.80 CFS	4.53 CFS	2-YEAR
10.41 CFS	7.14 CFS	10-YEAR
20.82 CFS	12.63 CFS	100-YEAR

- NOTES:**
- BEARINGS ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1927.
  - VERTICAL DATUM FOR THE PROJECT SURVEY IS CITY OF WAUKESHA. CONVERSION TO USGS IS 780.558.



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



CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE  
 WIS STATUTE 192.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

**ATTENTION:** ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.



1  
 C-901 EXISTING HYDROLOGY EXHIBIT  
 SCALE: 1"=20'

NOT FOR CONSTRUCTION

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW  
 SCOPE DOCUMENTS  
 Drawing Date 06/07/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH  
 218082.00

Sheet Title  
 EXISTING HYDROLOGY EXHIBIT

NOT FOR  
CONSTRUCTION

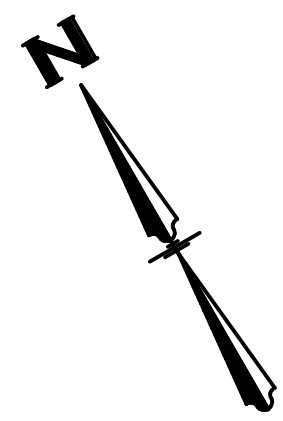
**LEGEND**

EXISTING	PROPOSED	
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		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		CONCRETE ENDWALL
		STRUCTURE
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		PEDESTAL
		UTILITY POLE
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		MANHOLE / SANITARY
		SEWER STRUCTURE

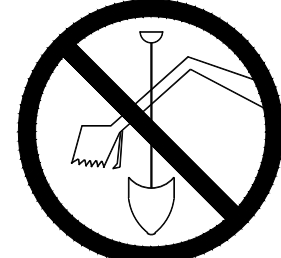
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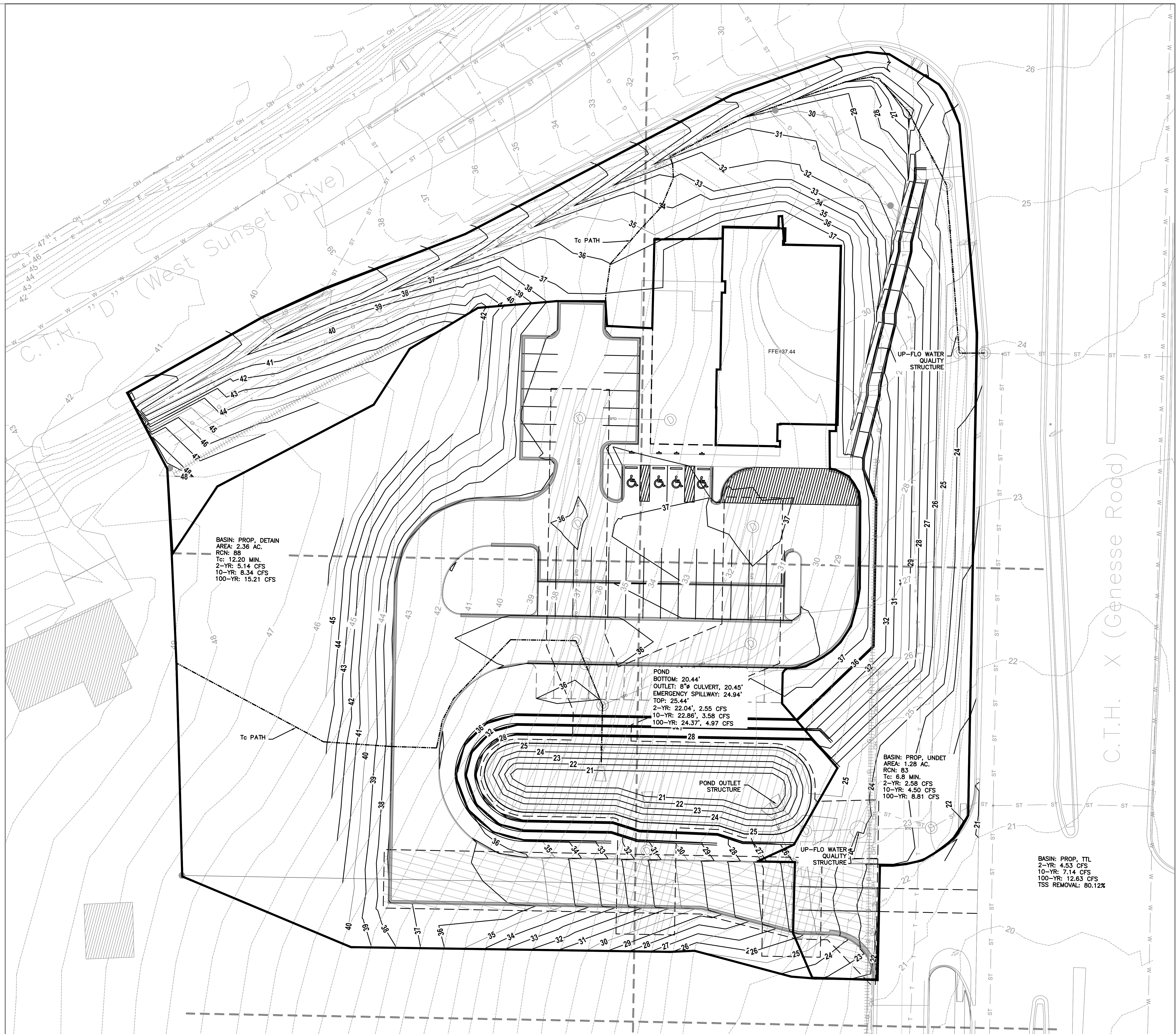


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Revisions

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COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date

06/07/2019

FROEDTERT SUNSET  
DRIVE CLINIC

Project No. FROEDTERT HEALTH  
218082.00

Sheet Title  
PROPOSED  
HYDROLOGY EXHIBIT

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Sheet No.  
C-902