

CITY OF WAUKESHA PLAN COMMISSION REVIEW

FROEDTERT SUNSET DRIVE CLINIC

KAHLER SLATER PROJECT: 218082.00

APRIL 22, 2019

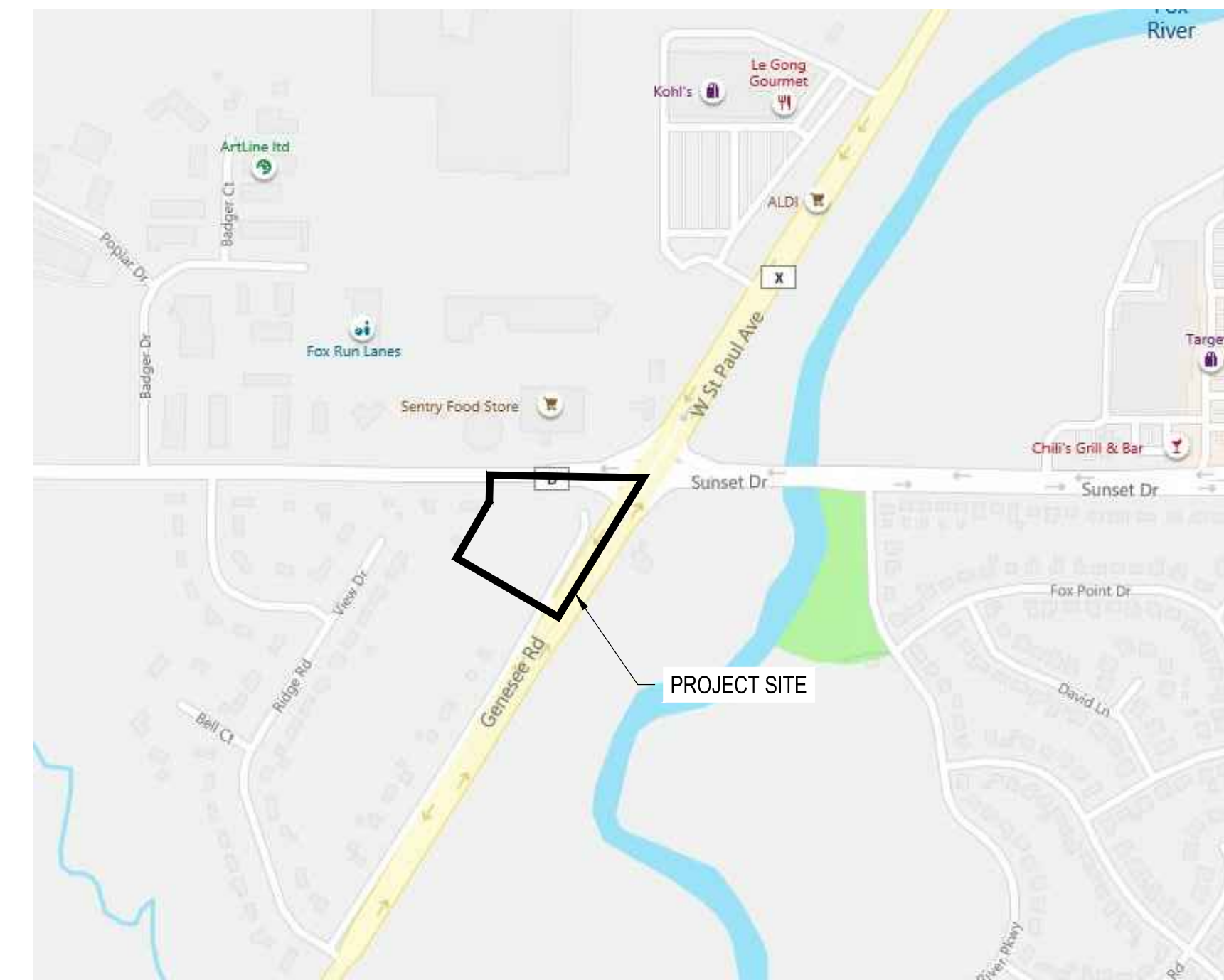
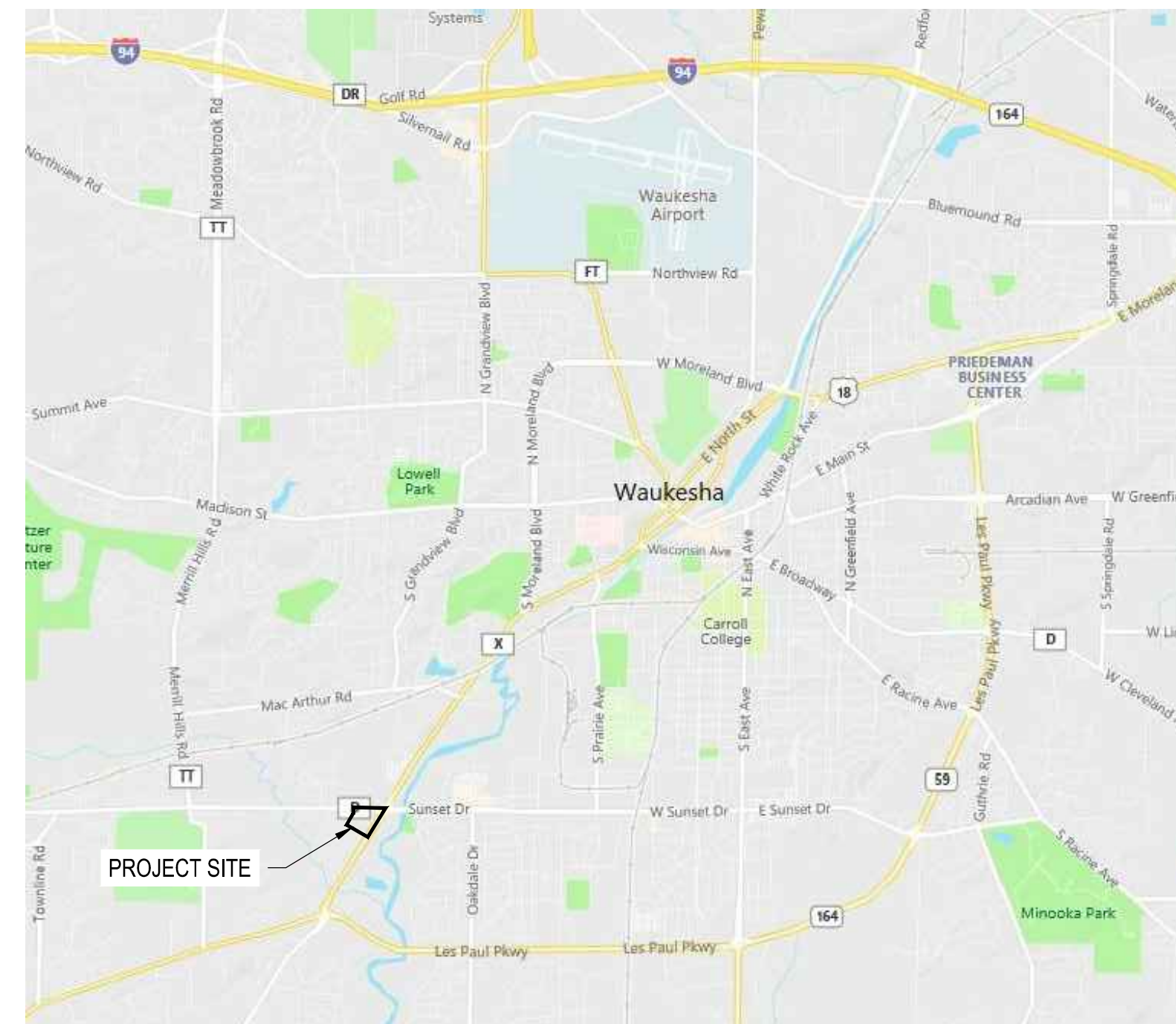
NOT FOR CONSTRUCTION

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A002	EXTERIOR ELEVATIONS

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Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

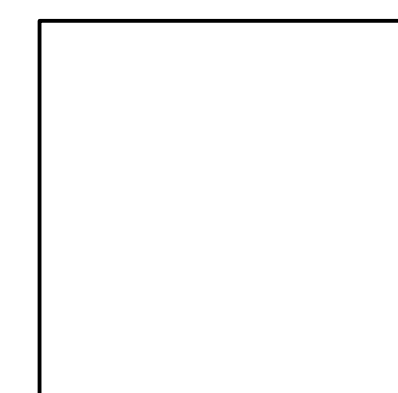
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Drawing Date
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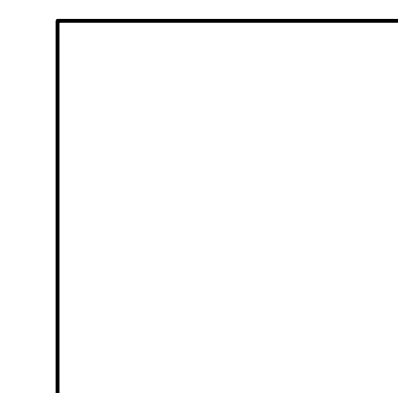
FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00

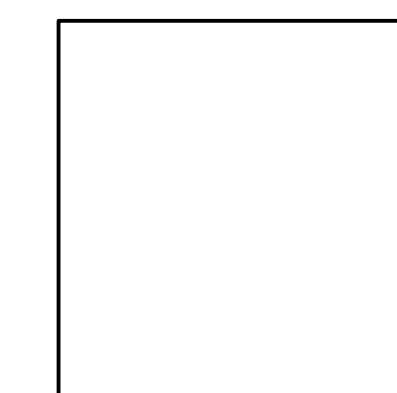
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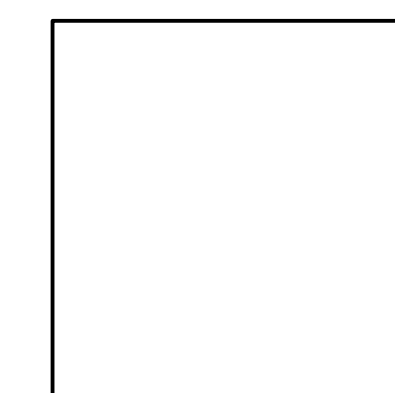
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KAHLER SLATER
111 W. Wisconsin Ave.
Milwaukee, WI 53203
414-272-2000



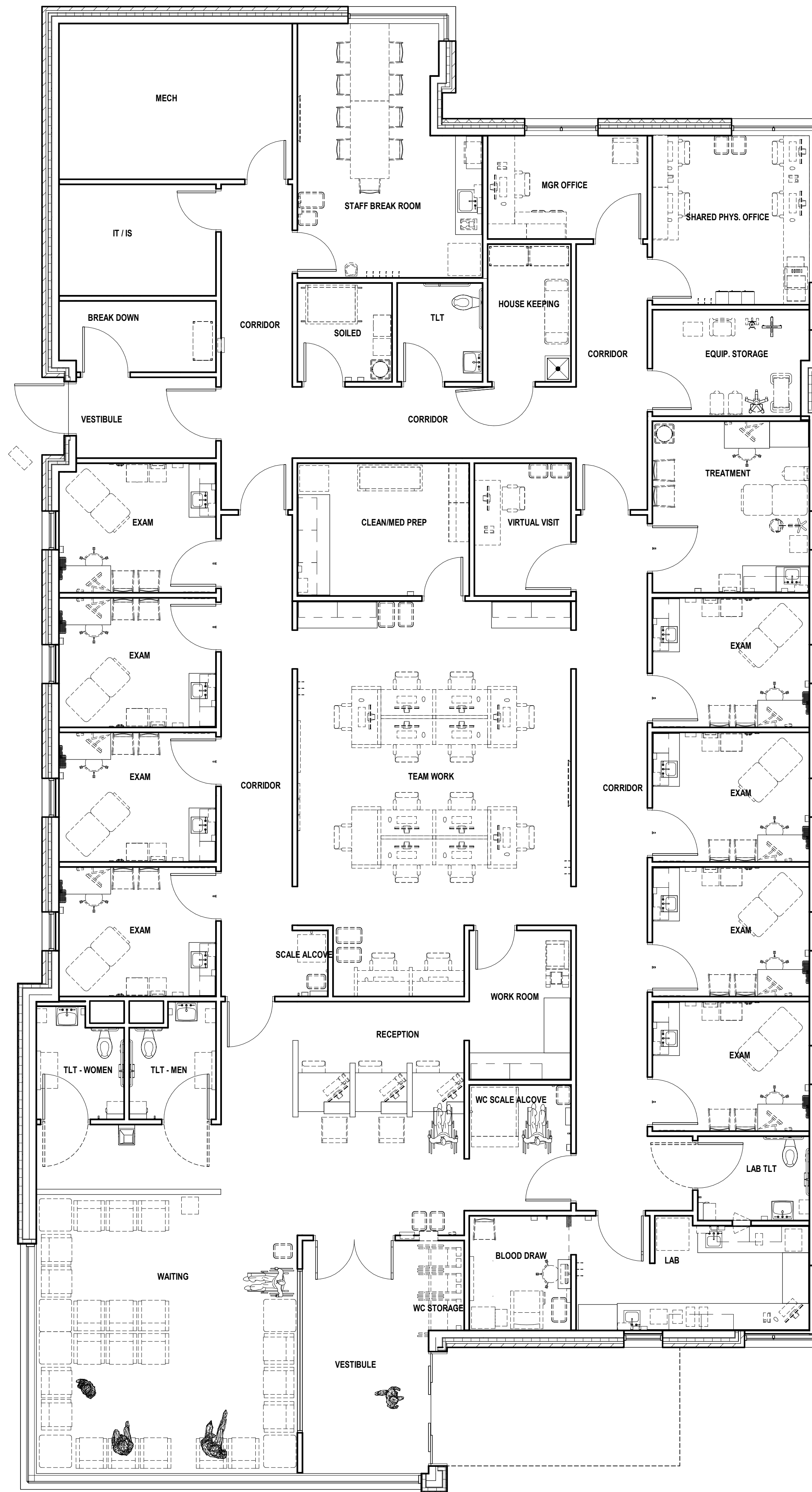
CIVIL:
OTIE
1033 N. Mayfair Road
Milwaukee, WI 53226
414-257-4200



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



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



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Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW
 SCOPE DOCUMENTS
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 4/22/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH
 218082.00

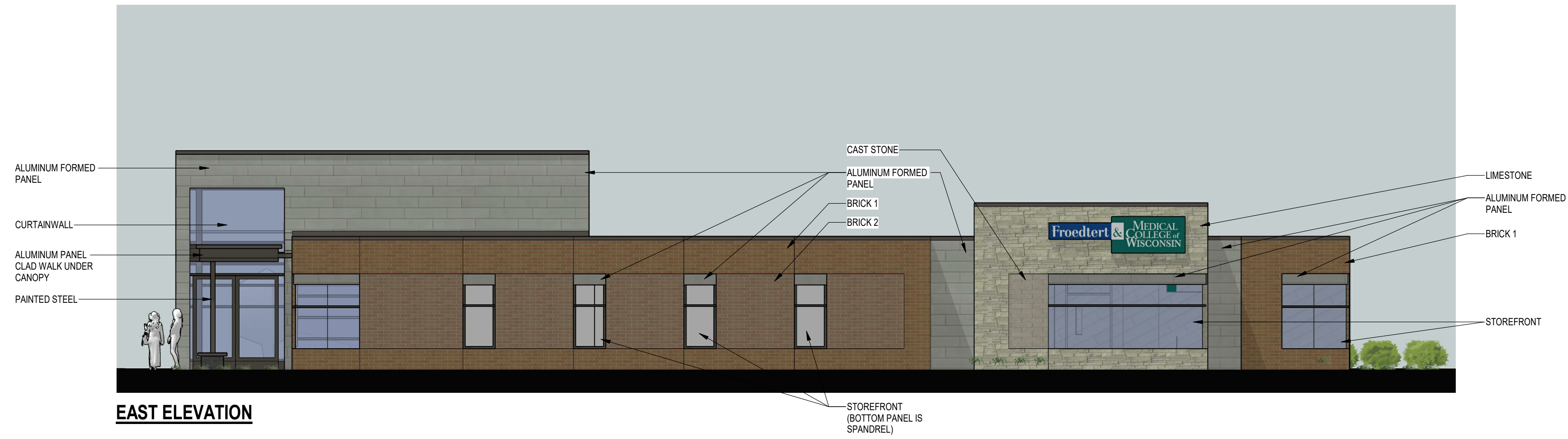
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FIRST FLOOR PLAN



1 01 FIRST FLOOR PLAN PRESENTATION
 3/16" = 1'-0"



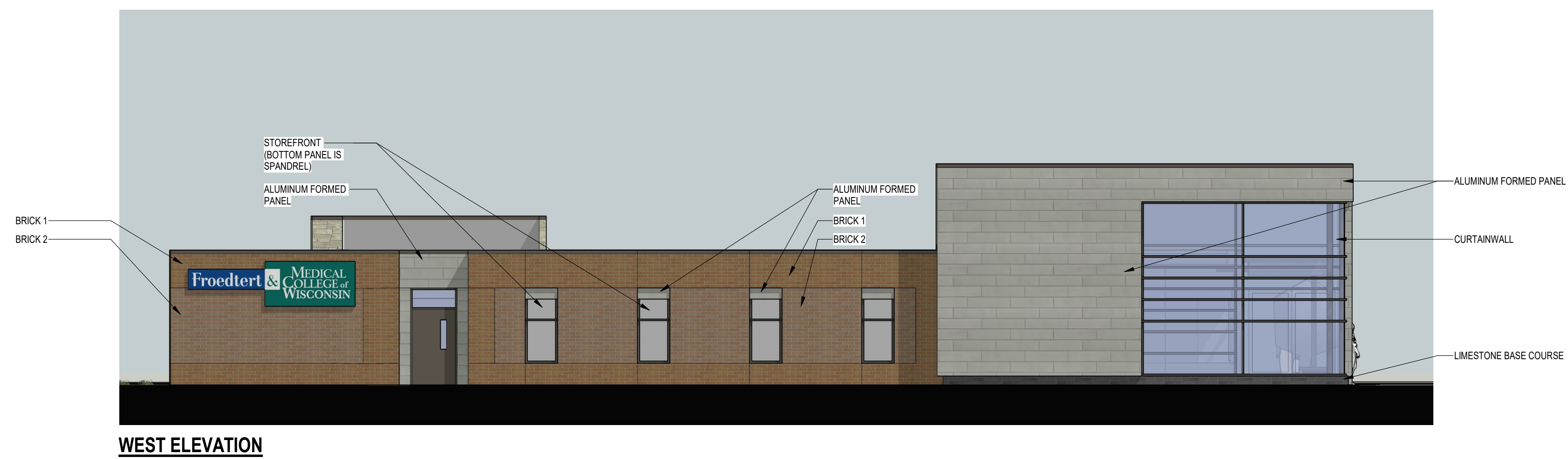
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

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Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW
 SCOPE DOCUMENTS
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Sheet Title
EXTERIOR ELEVATIONS

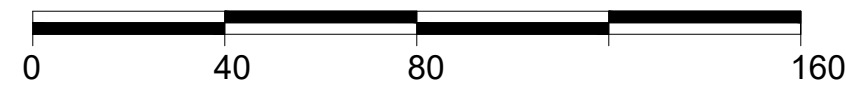
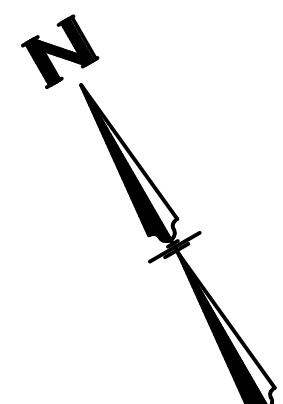
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Sheet No.
A002

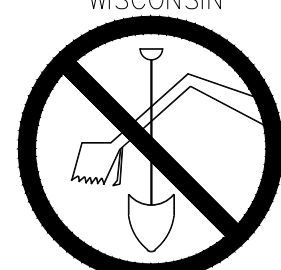
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		MAJOR CONTOUR
		MINOR CONTOUR
		OVERHEAD ELECTRICAL
		WATER PIPE
		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER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

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



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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.



NOT FOR CONSTRUCTION

Revisions

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SCOPE DOCUMENTS
Drawing Date
4/22/2019

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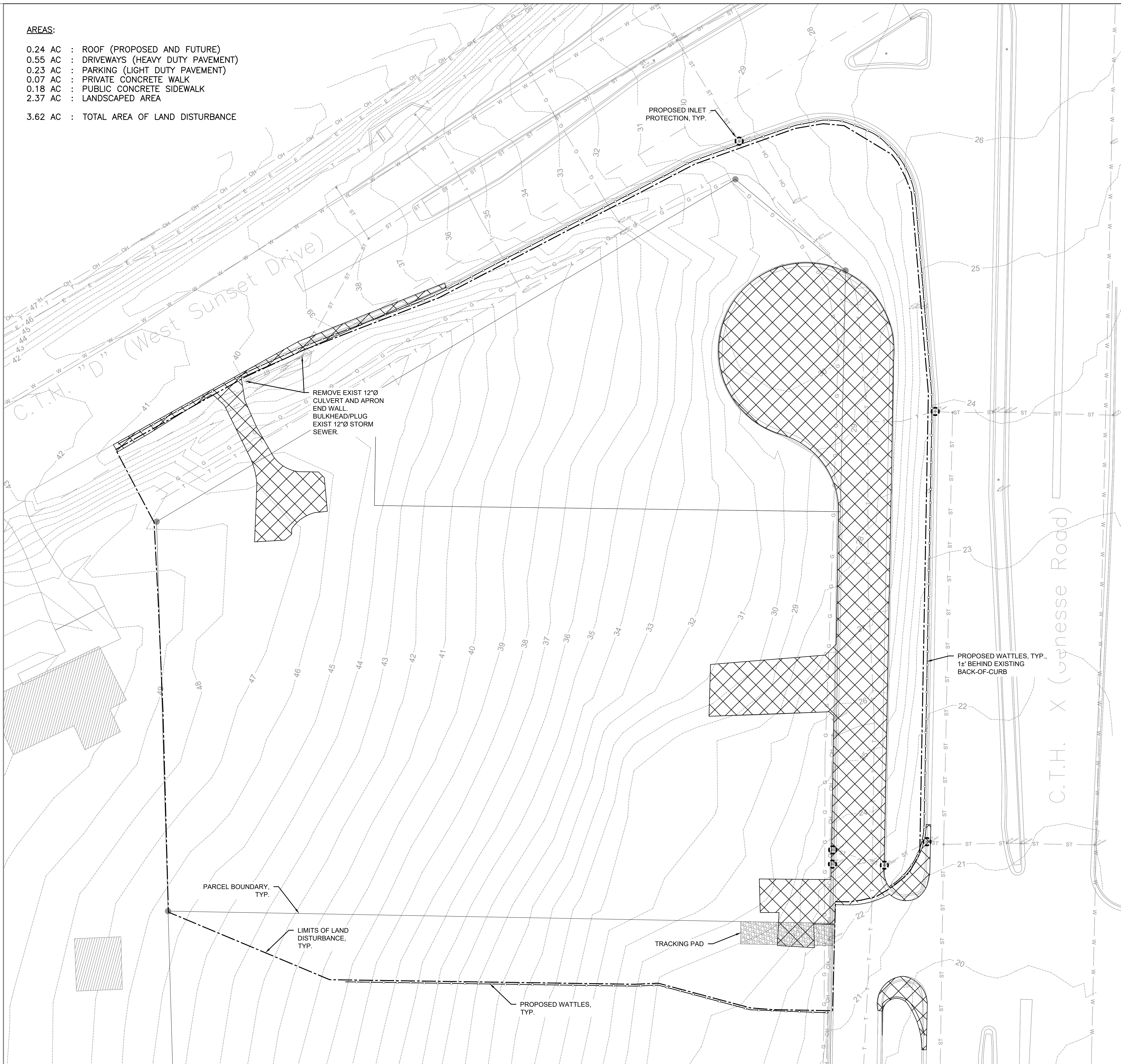
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EXISTING SITE PLAN (65% COMPLETE)

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
		ASPHALT PAVEMENT AND CONCRETE CURB AND GUTTER REMOVAL
		INLET PROTECTION
		WATTLES

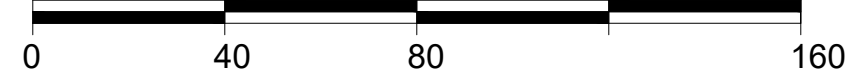
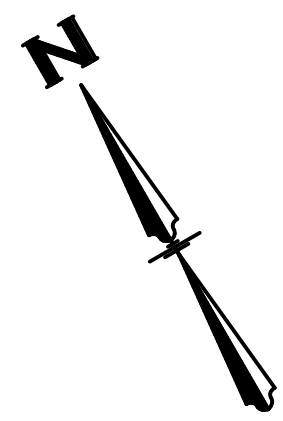
AREAS:

- 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

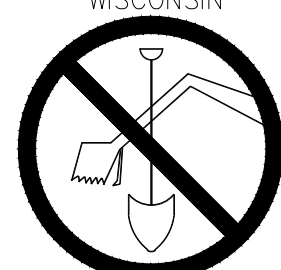


NOTES:

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Revisions

CITY OF WAUKESHA PLAN
COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date
4/22/2019

FROEDTERT SUNSET
DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00

Sheet Title
DEMOLITION &
EROSION CONTROL
PLAN
(65% COMPLETE)

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Sheet No.
C-201

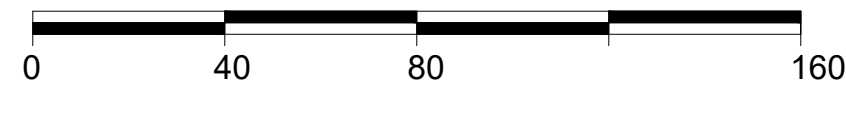
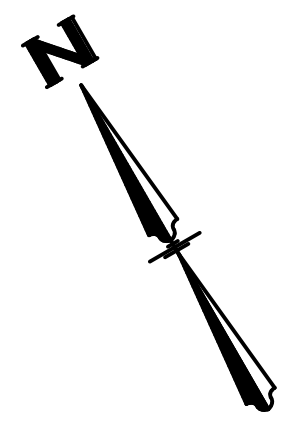
NOT FOR
CONSTRUCTION

EXISTING	PROPOSED	
—	—	MAJOR CONTOUR
—	—	MINOR CONTOUR
— OH —	—	OVERHEAD ELECTRICAL
— W —	—	WATER PIPE
— ST —	—	STORM SEWER
—	■	CONCRETE FLARED END SECTION
— G —	—	GAS PIPE
— T —	—	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

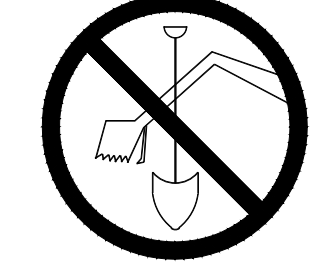
AREAS:

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

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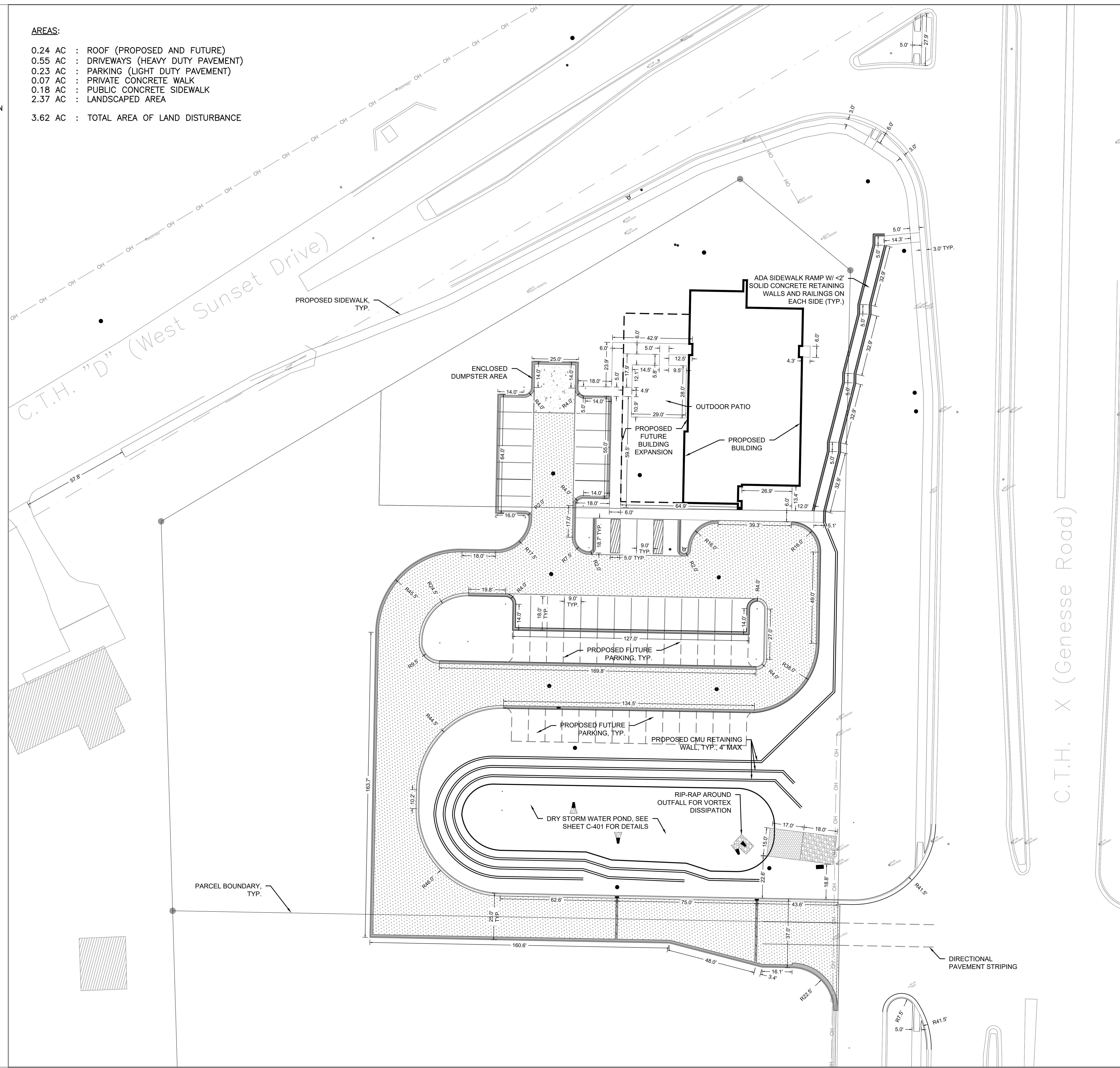


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CITY OF WAUKESHA PLAN
COMMISSION REVIEW
SCOPE DOCUMENTS
Drawing Date
4/22/2019

FROEDTERT SUNSET
DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00

Sheet Title
**DIMENSIONED SITE
PLAN
(65% COMPLETE)**

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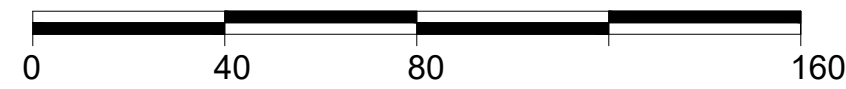
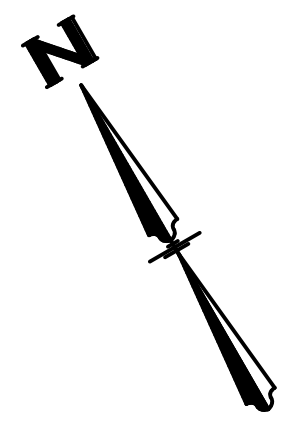
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C-301

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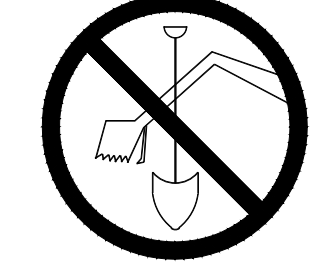
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		STORM SEWER
		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE
		HEAVY DUTY PAVEMENT (SEE DETAIL 2/C-602)
		REJECTING CURB-AND-GUTTER (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)

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.
3. SPOT GRADES AT CONCRETE CURB-AND-GUTTER IS AT THE FLANGE-OF-CURB (A.K.A., EDGE-OF-PAVEMENT).

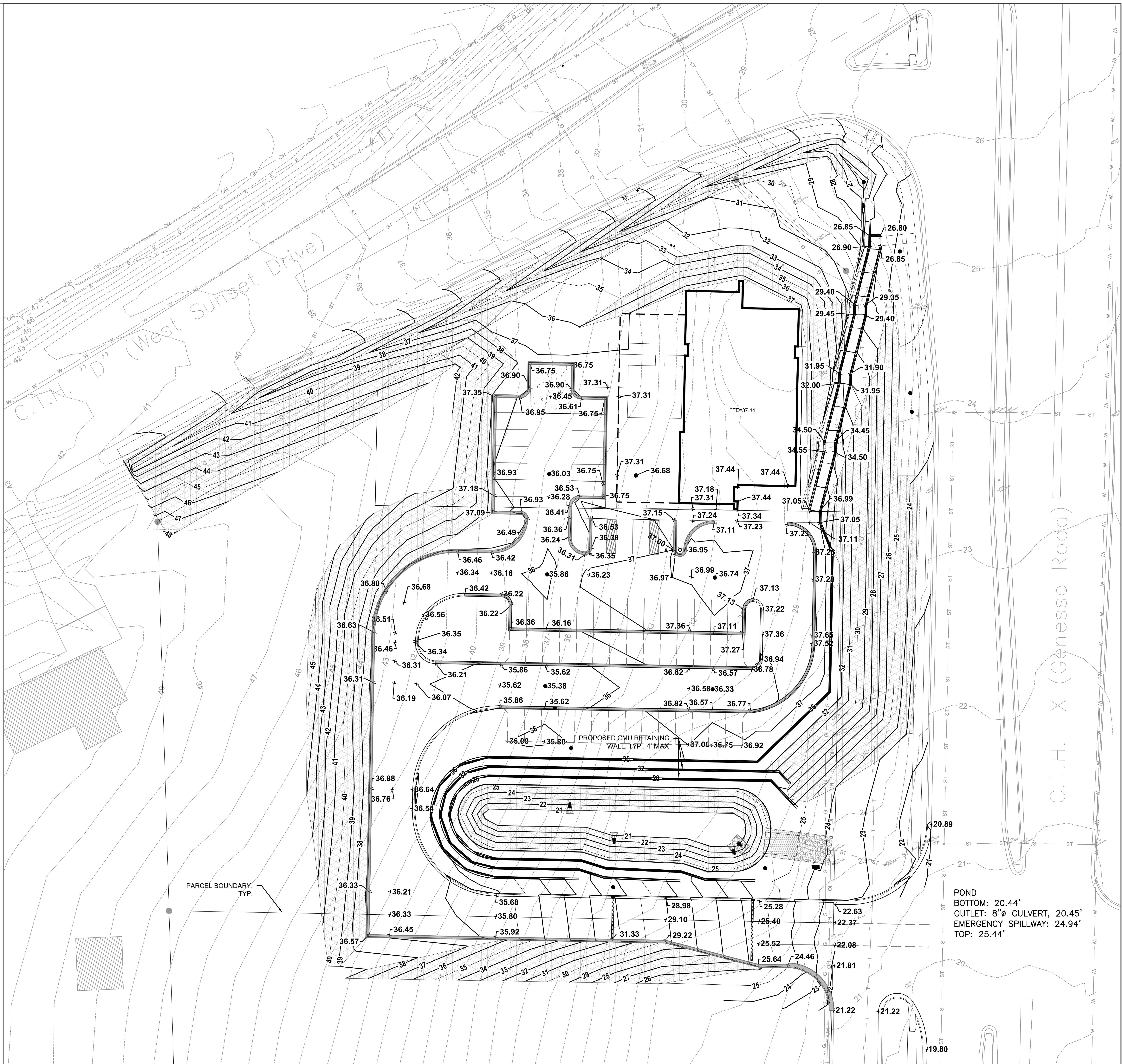


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TOLL FREE
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Revisions

CITY OF WAUKESHA PLAN
COMMISSION REVIEW
SCOPE DOCUMENTS
Drawing Date
4/22/2019

FROEDTERT SUNSET
DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00

Sheet Title
GRADING & EROSION
CONTROL PLAN
(65% COMPLETE)

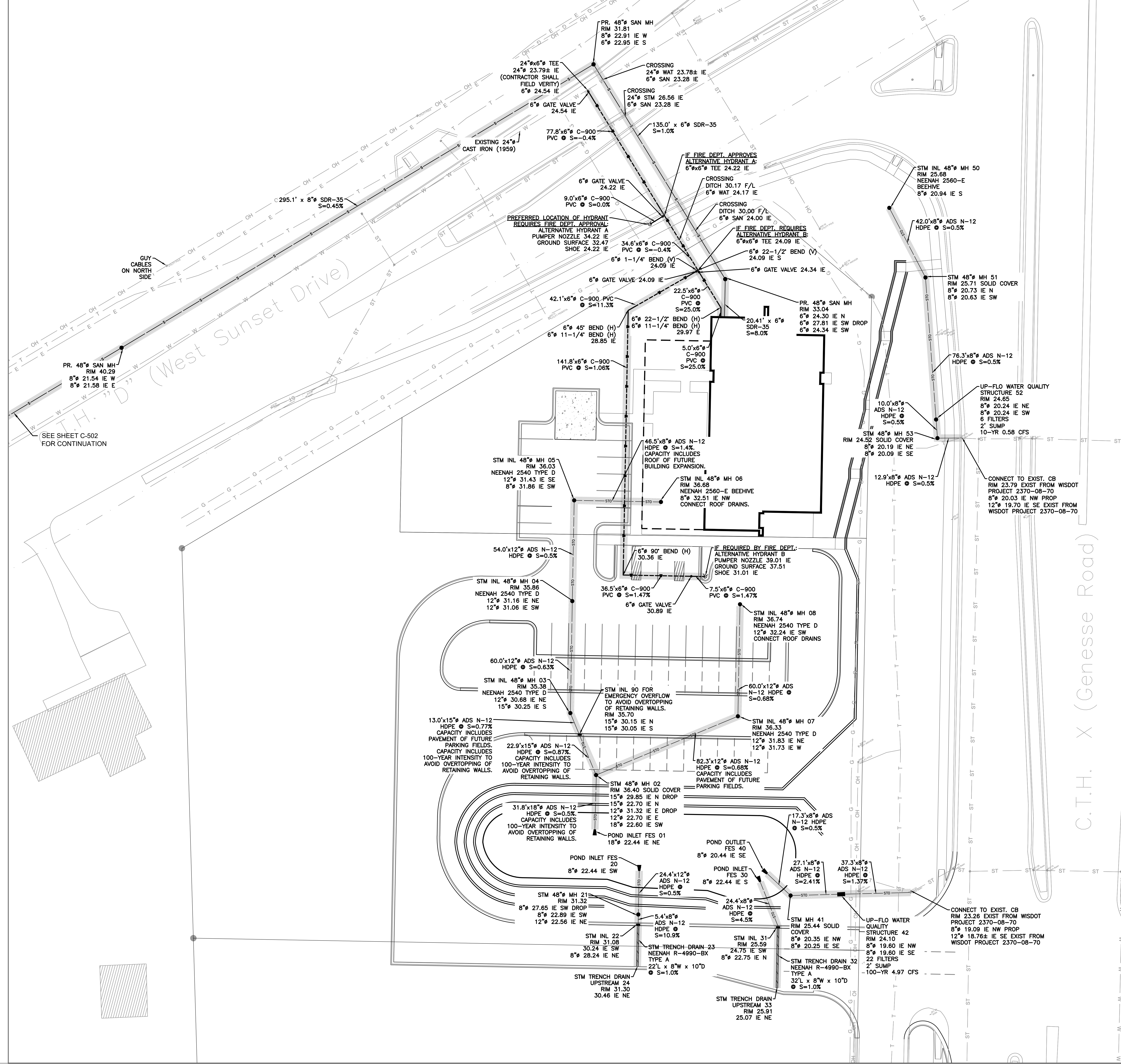
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Sheet No.
C-401

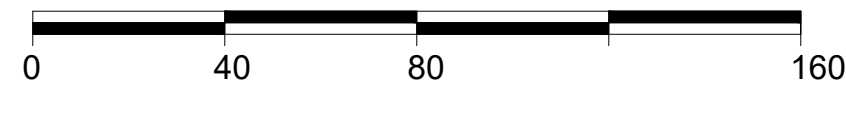
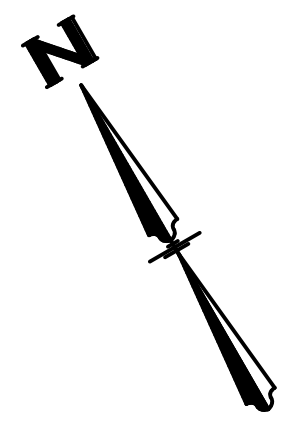
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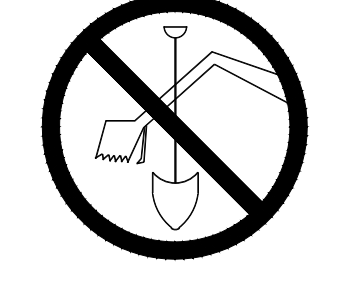
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		GAS PIPE
		TELECOMMUNICATION
		STRUCTURE
		SIGN
		TREE
		WATER VALVE
		FIRE HYDRANT
		LIGHT POLE
		PEDESTAL
		UTILITY POLE
		CATCH BASIN
		MANHOLE / SANITARY
		SEWER STRUCTURE



- NOTES:**
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FROEDTERT SUNSET DRIVE CLINIC

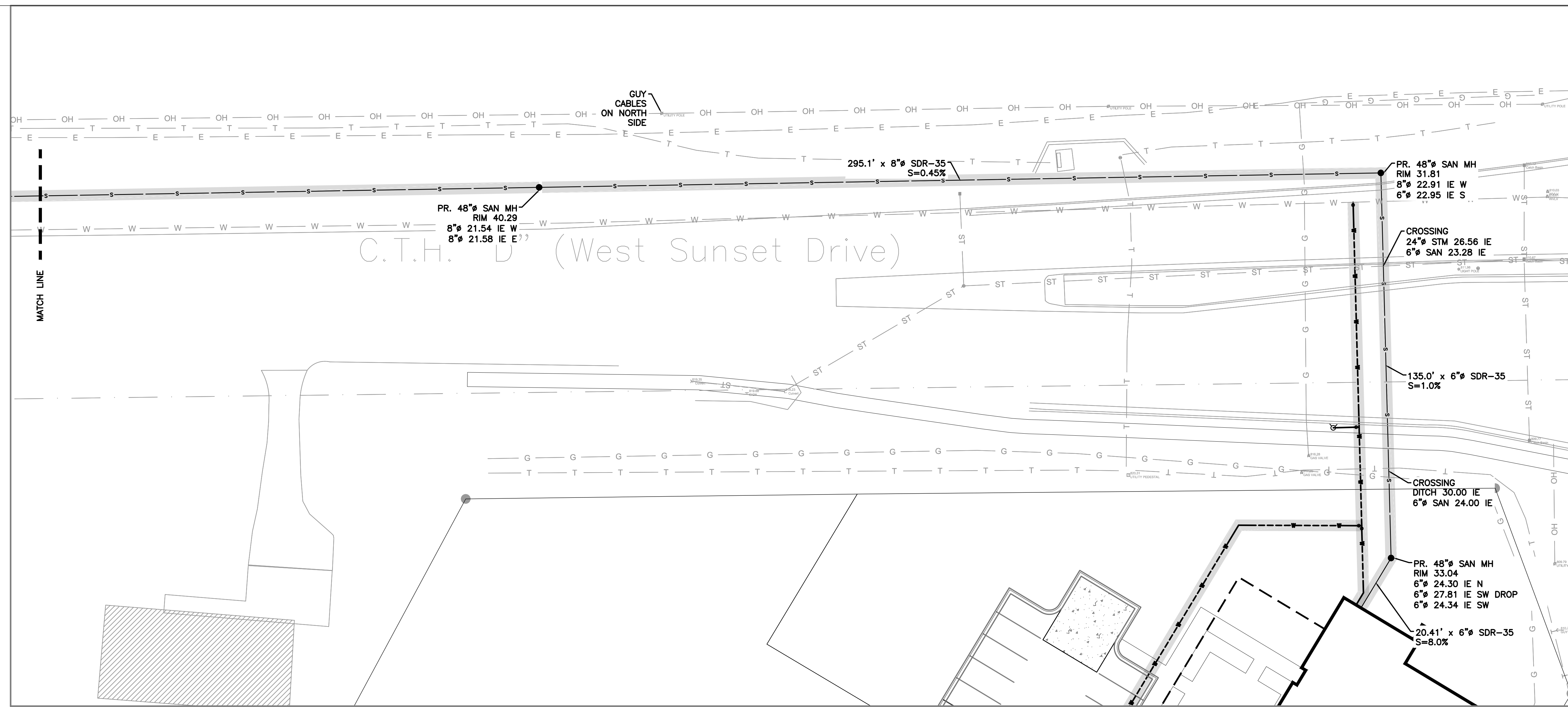
Project No. 218082.00 FROEDTERT HEALTH

SHEET TITLE UTILITIES PLAN (65% COMPLETE)

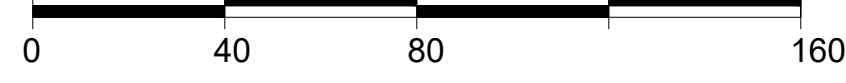
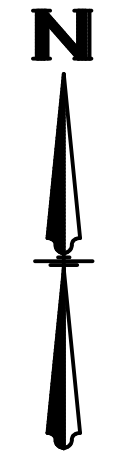
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Sheet No. C-501

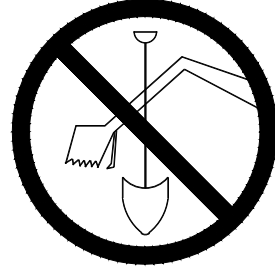
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EXISTING	PROPOSED
MAJOR CONTOUR	MINOR CONTOUR
OVERHEAD ELECTRICAL	
WATER PIPE	
STORM SEWER	
CONCRETE ENDWALL	
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TELECOMMUNICATION	
STRUCTURE	
SIGN	
TREE	
WATER VALVE	
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LIGHT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



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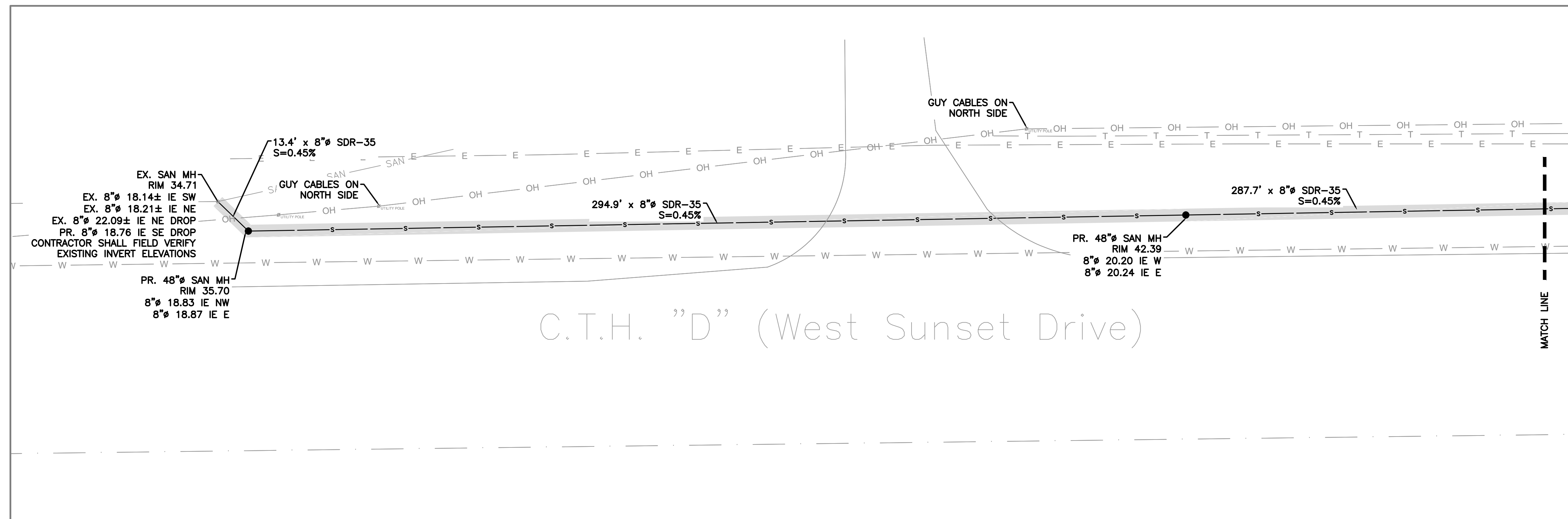


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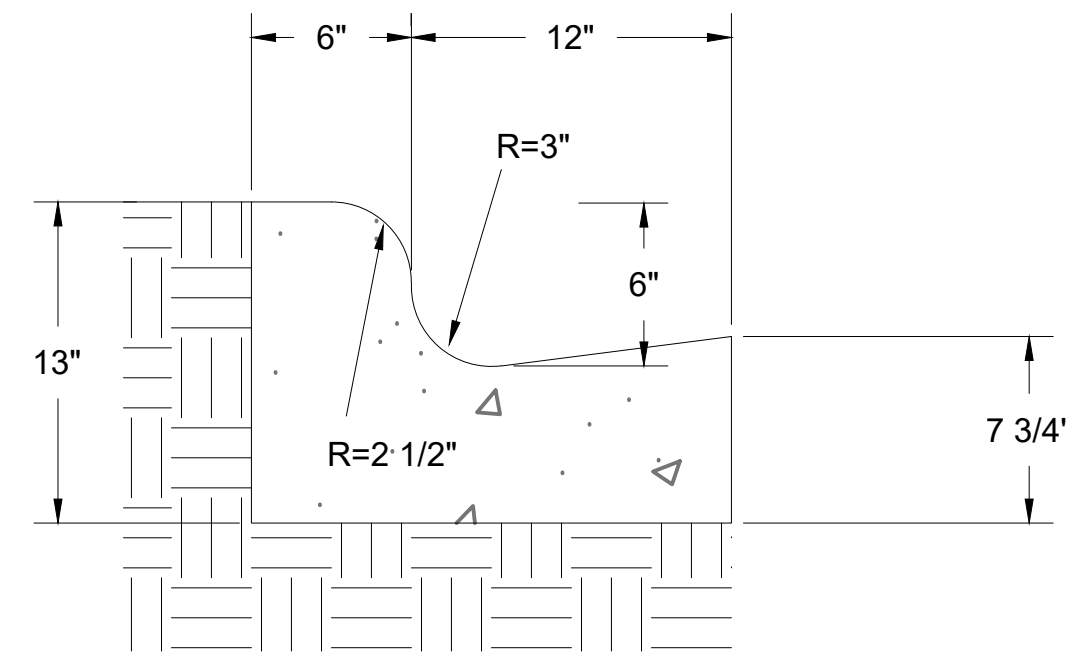
Project No. FROEDTERT HEALTH
218082.00

Sheet Title
UTILITIES PLAN
(65% COMPLETE)

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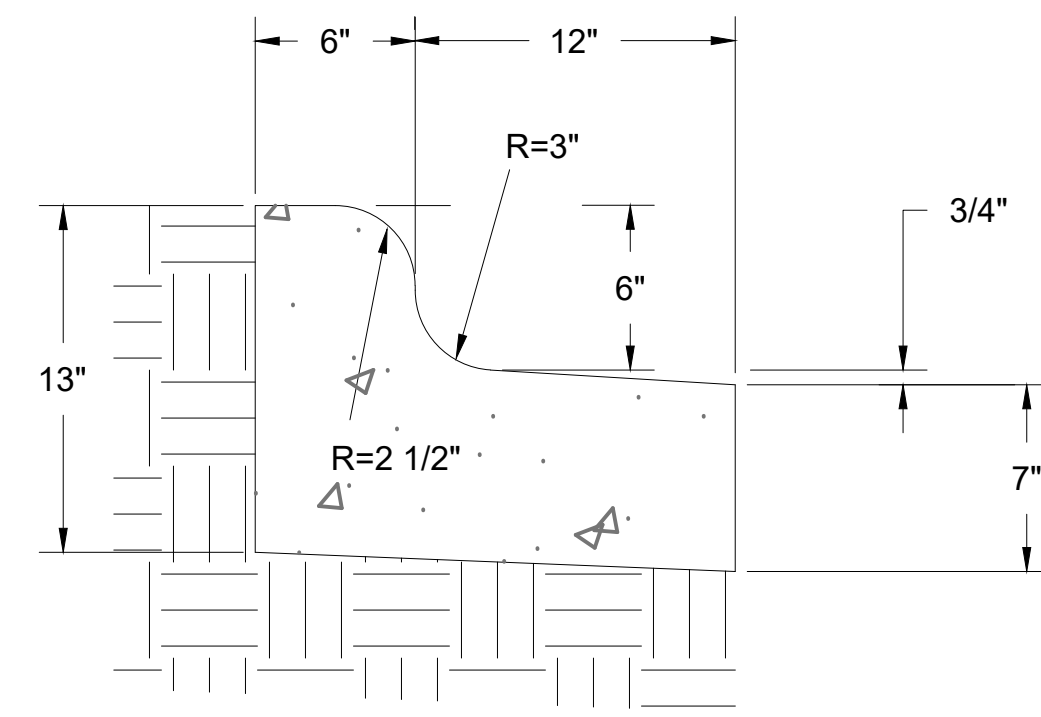
Sheet No.
C-502



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.

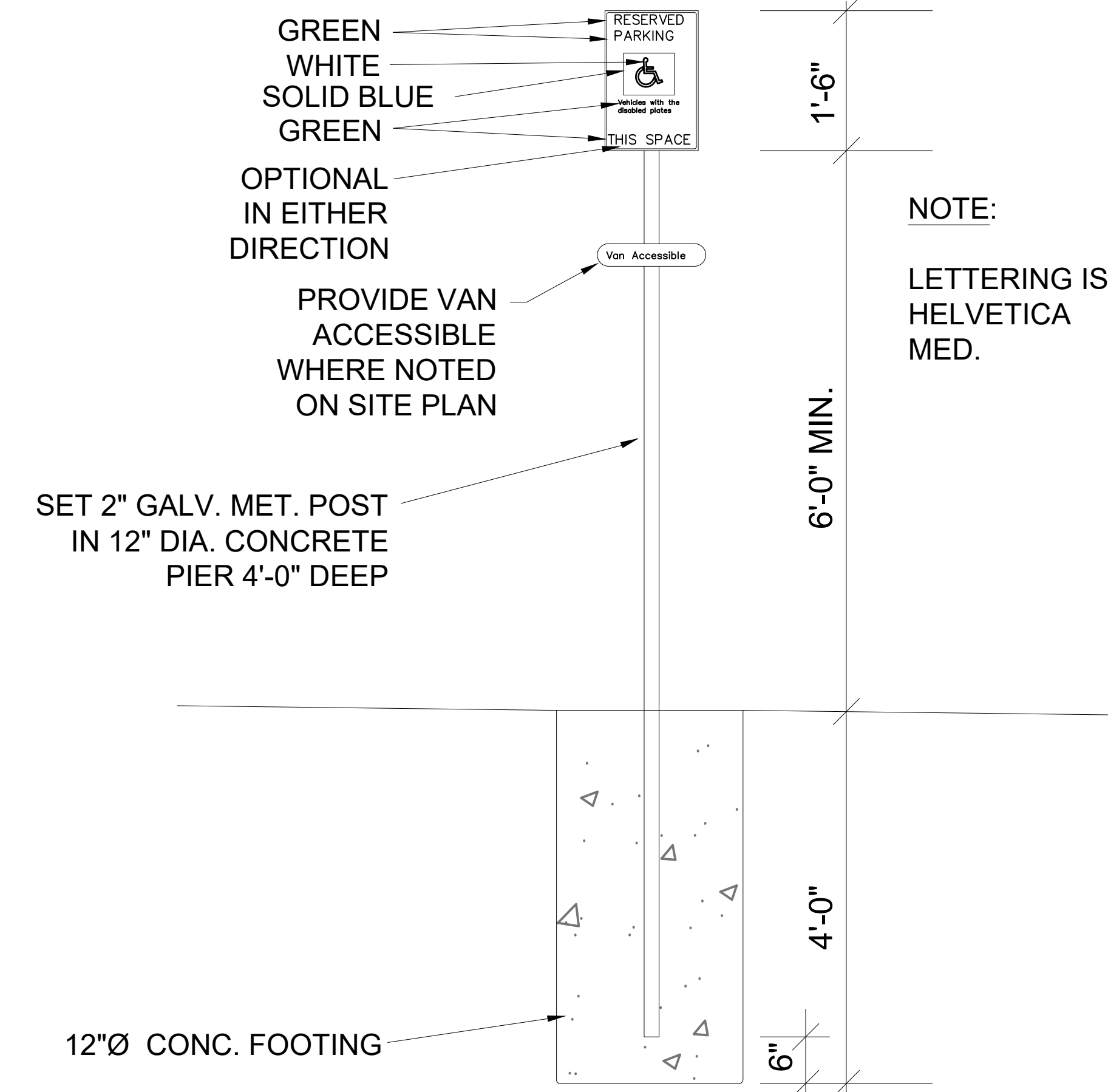
1 18" STANDARD CURB FOR PRIVATE PARKING LOTS AND DRIVEWAYS
C-601 NTS



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.

2 18" REJECT CURB FOR PRIVATE PARKING LOTS AND DRIVEWAYS
C-601 NTS

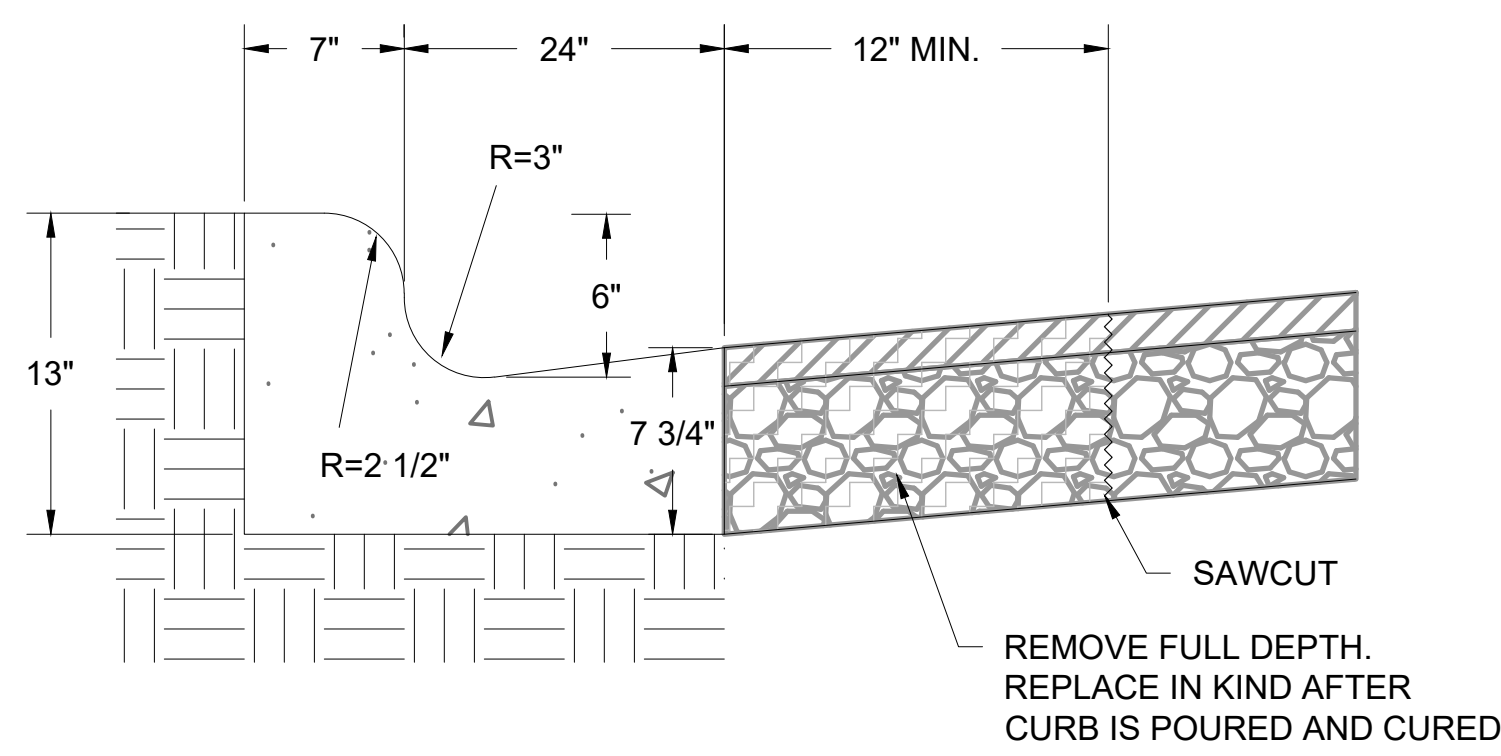


NOTE:
LETTERING IS HELVETICA MED.

PROVIDE VAN ACCESSIBLE WHERE NOTED ON SITE PLAN

12"Ø CONC. FOOTING

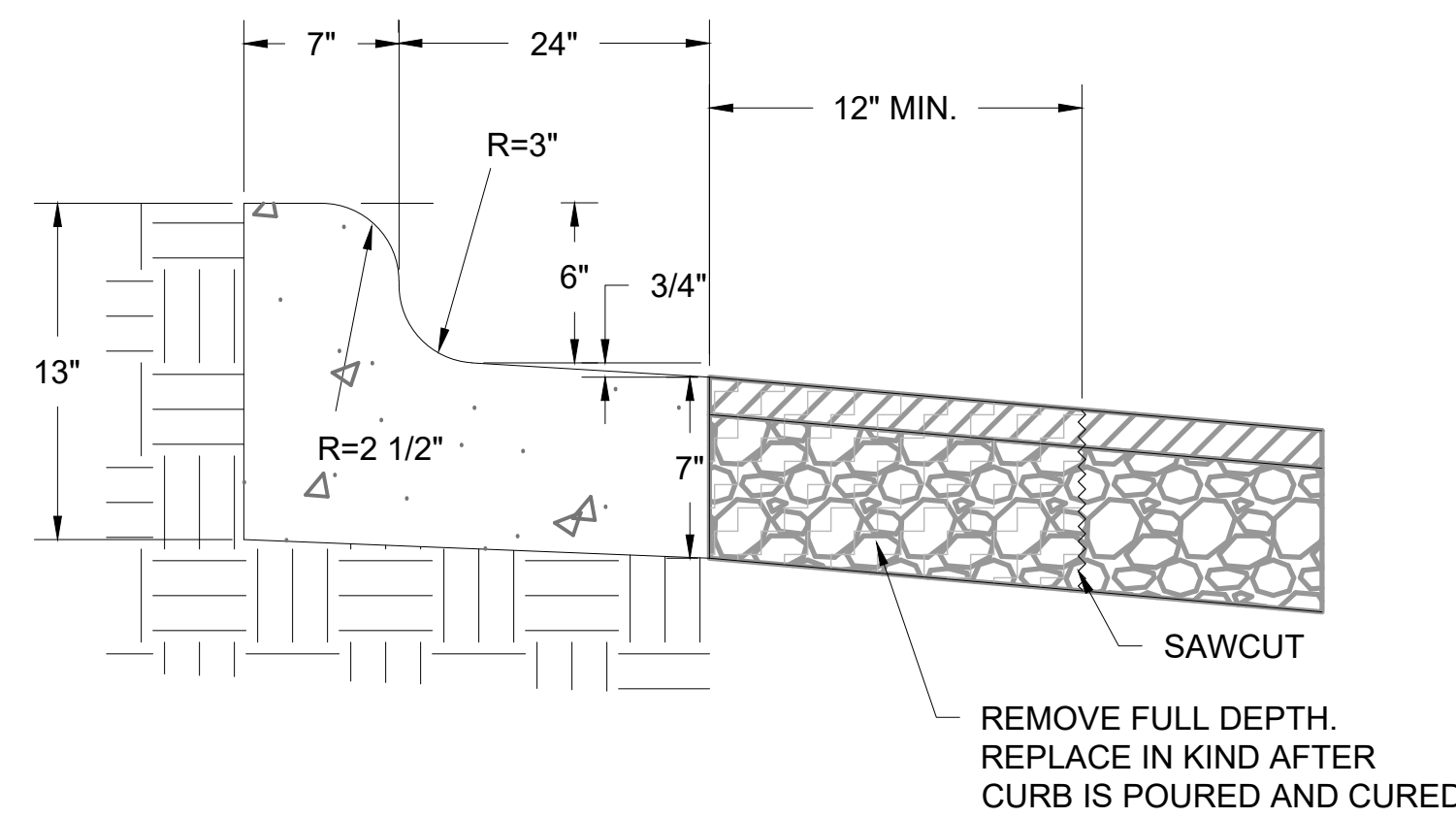
3 ACCESSIBLE PARKING SIGN
C-601 NTS



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.

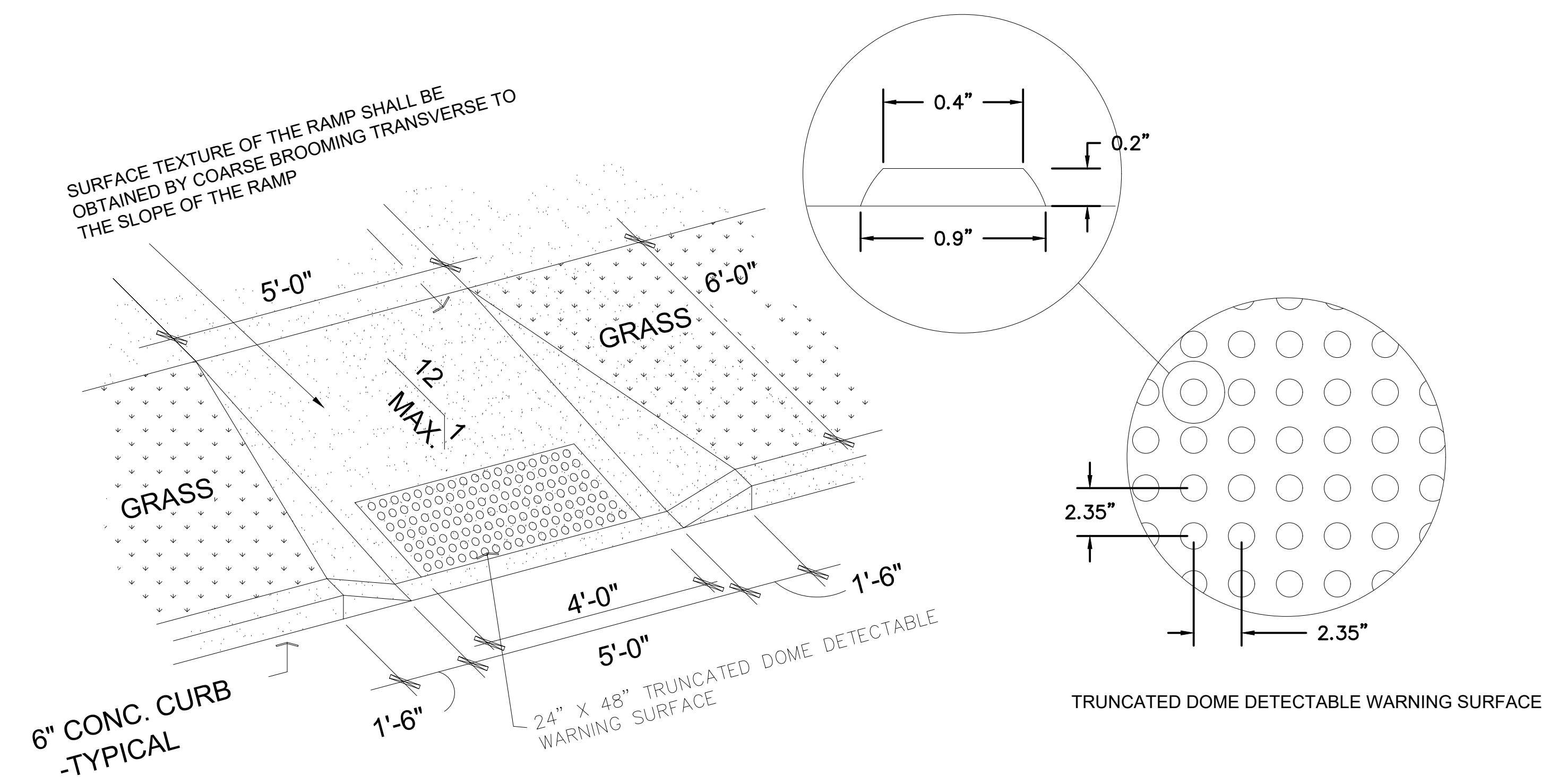
4 31" STANDARD CURB FOR DRIVEWAY ENTRANCE
C-601 NTS



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.

5 31" REJECT CURB FOR DRIVEWAY ENTRANCE
C-601 NTS



6 CURB RAMP
C-601 NTS

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date
4/22/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00

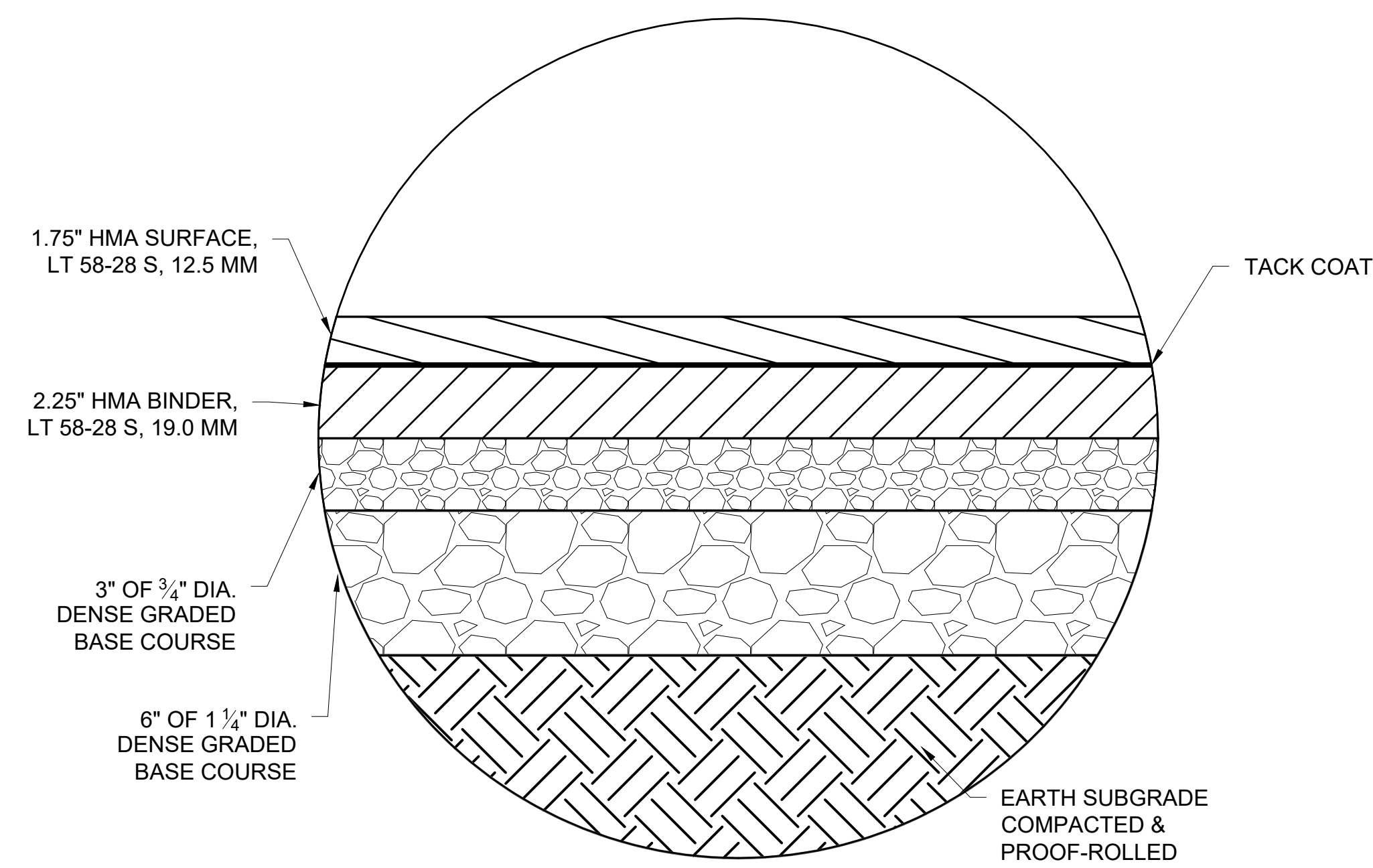
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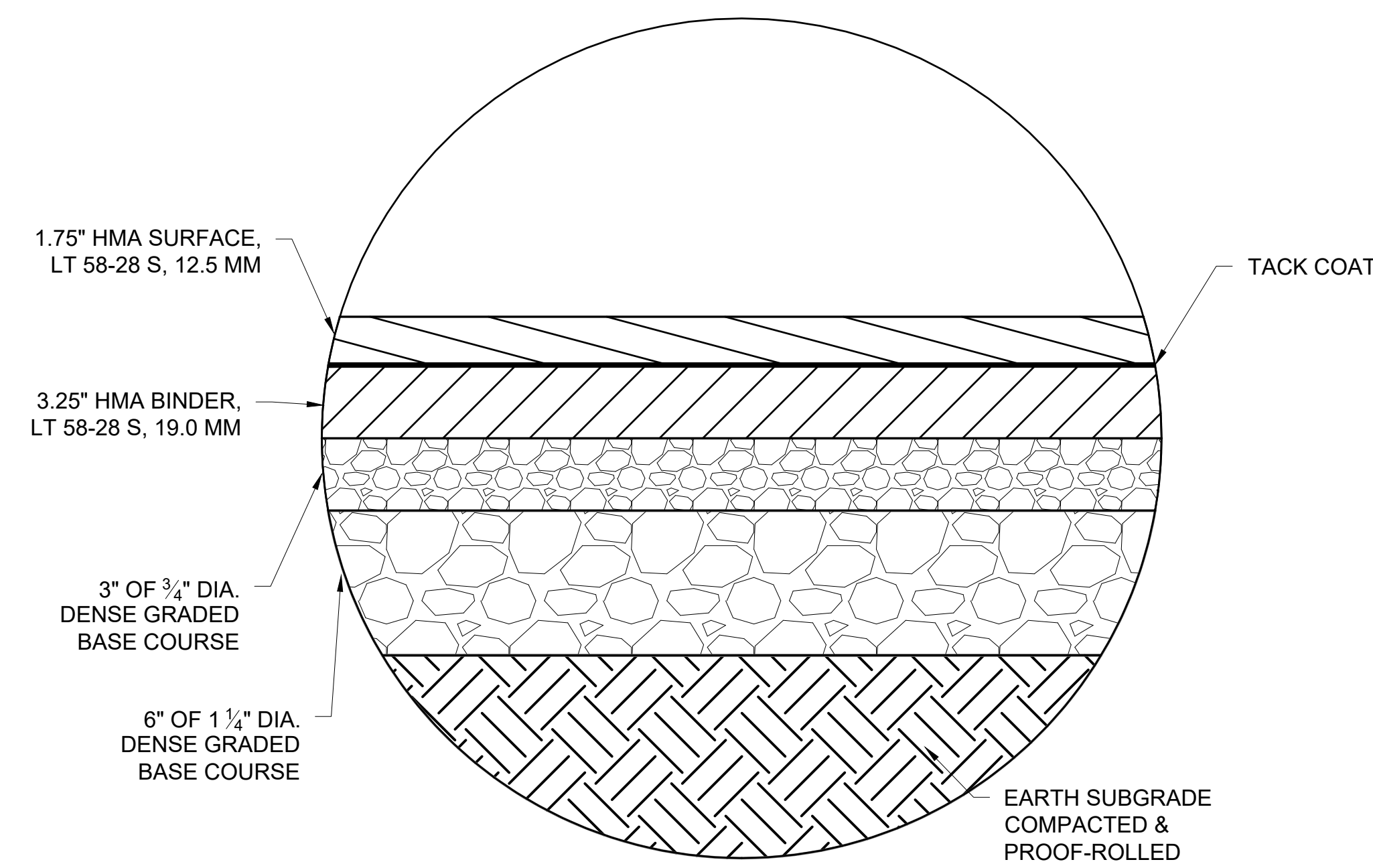
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Sheet No.
C-601



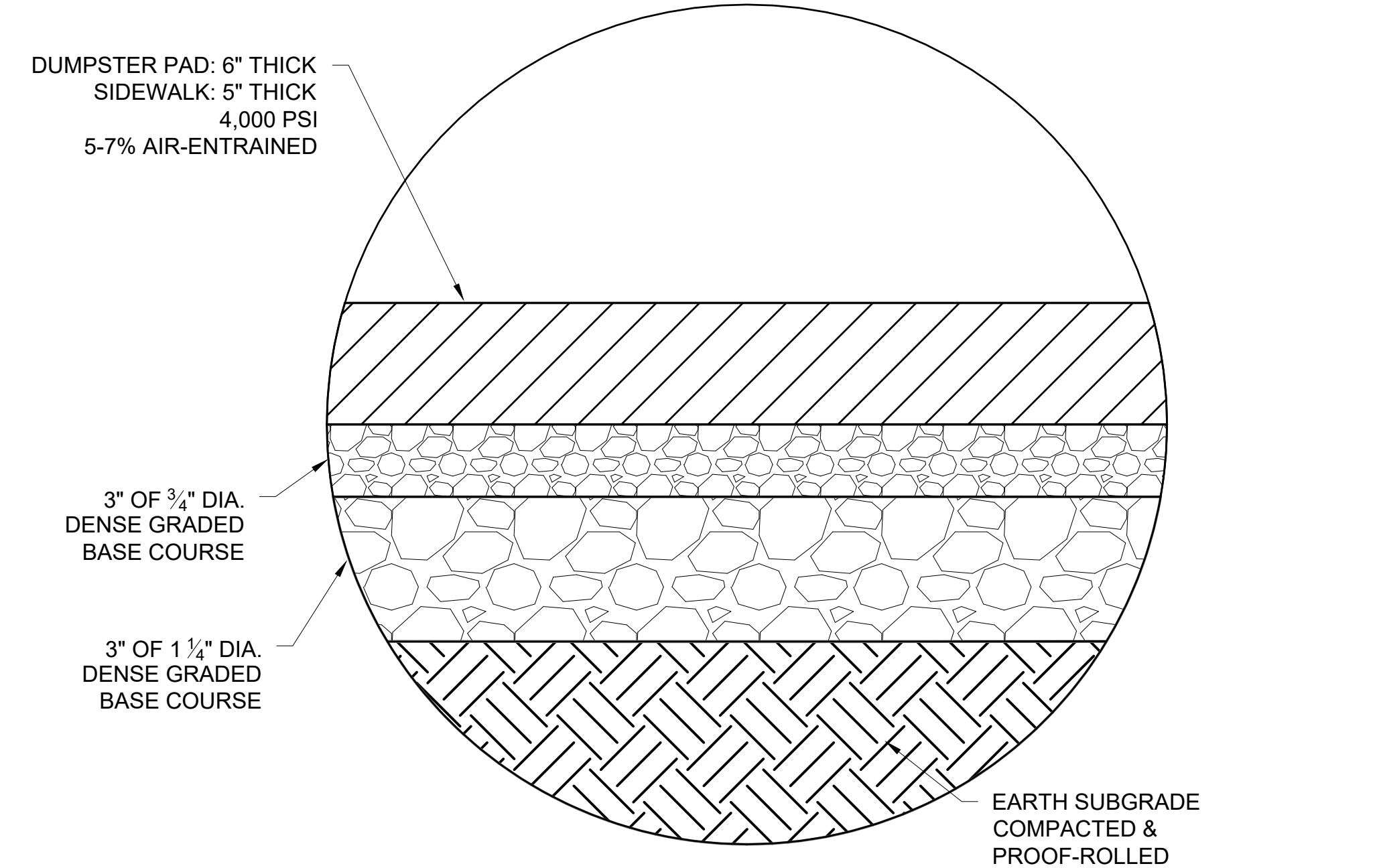
SEE TERRACON GEOTECHNICAL ENGINEERING REPORT, FEBRUARY 4, 2019

1 LIGHT DUTY ASPHALT PAVEMENT CROSS SECTION
C-602 NTS

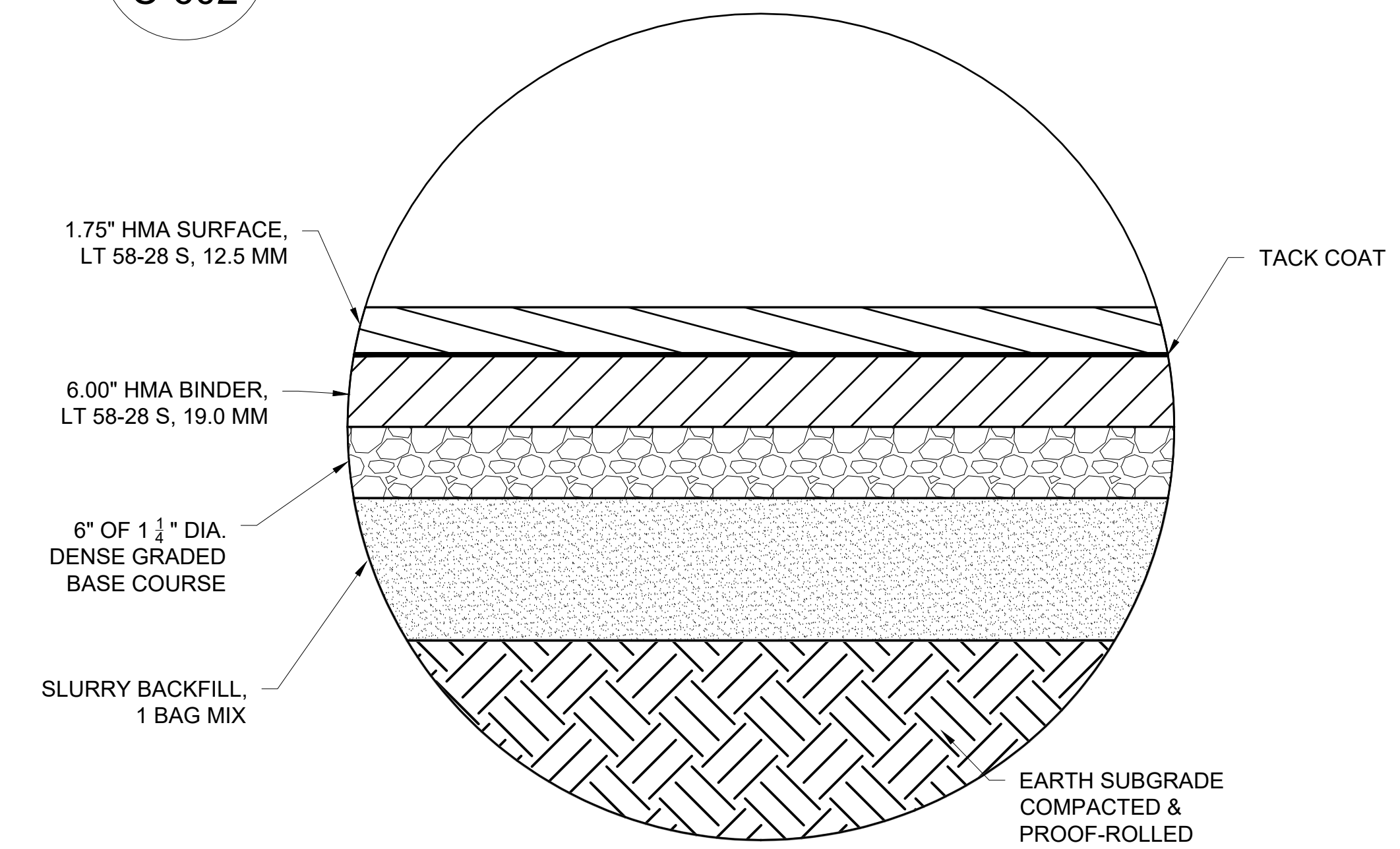


SEE TERRACON GEOTECHNICAL ENGINEERING REPORT, FEBRUARY 4, 2019

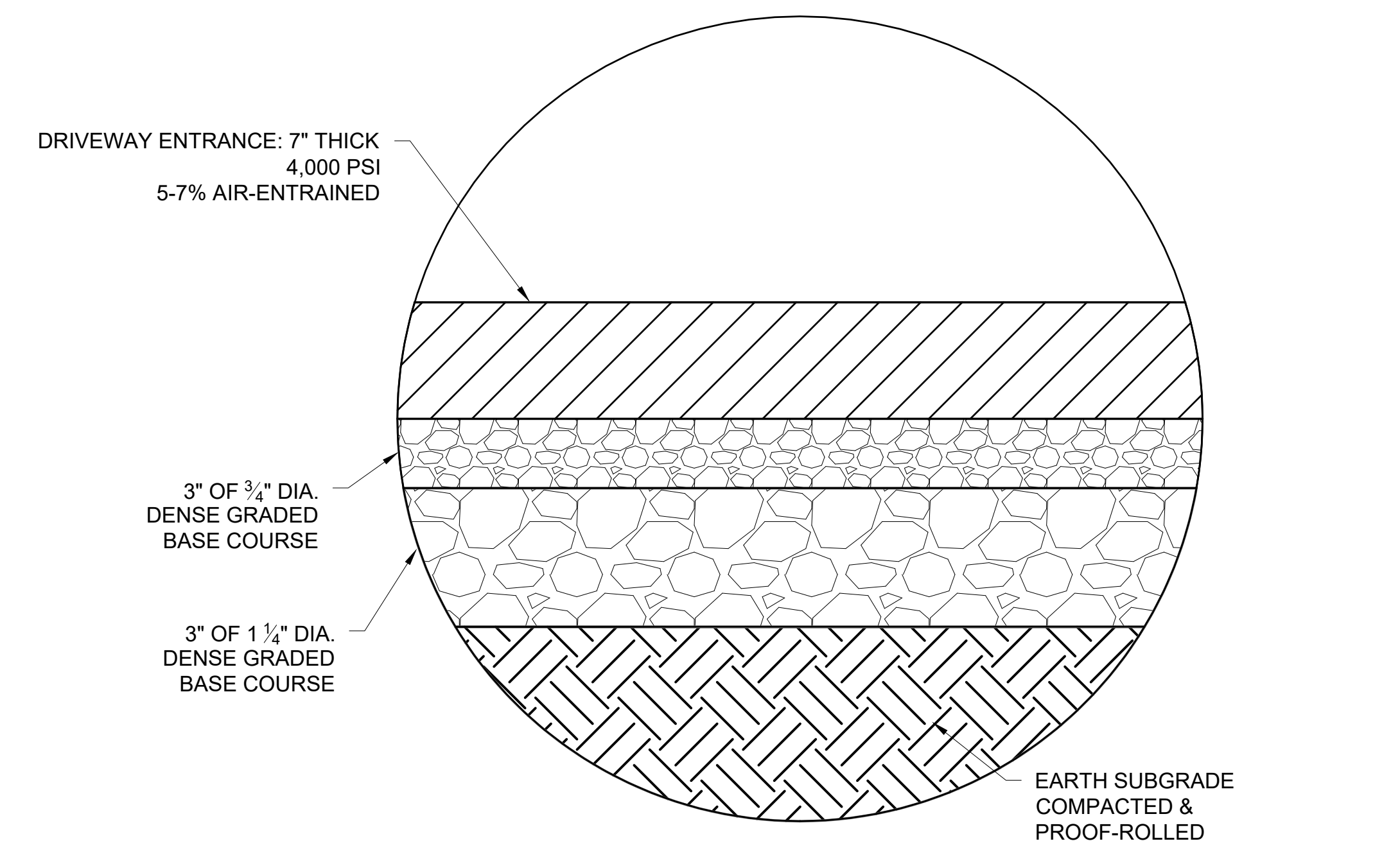
2 HEAVY DUTY ASPHALT PAVEMENT CROSS SECTION
C-602 NTS



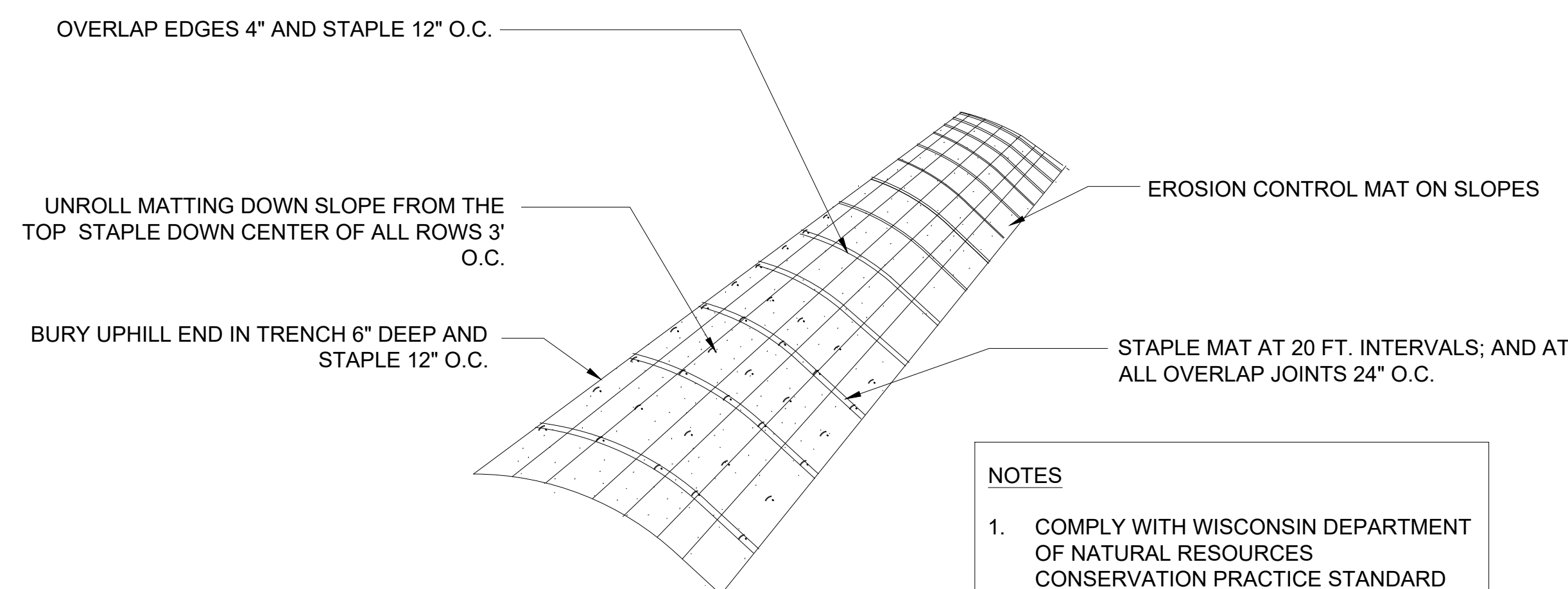
3 DUMPSTER PAD AND SIDEWALK CONCRETE PAVEMENT CROSS SECTION
C-602 NTS



4 C.T.H. X (GENESEE ROAD) C.T.H. D (SUNSET DRIVE) PAVEMENT CROSS SECTION
C-602 NTS



5 DRIVEWAY ENTRANCE CONCRETE PAVEMENT CROSS SECTION
C-602 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.

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 SEEDDED 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 TACKING 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.

6 EROSION CONTROL BLANKET INSTALLATION
C-602 NTS

Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

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FROEDTERT SUNSET DRIVE CLINIC

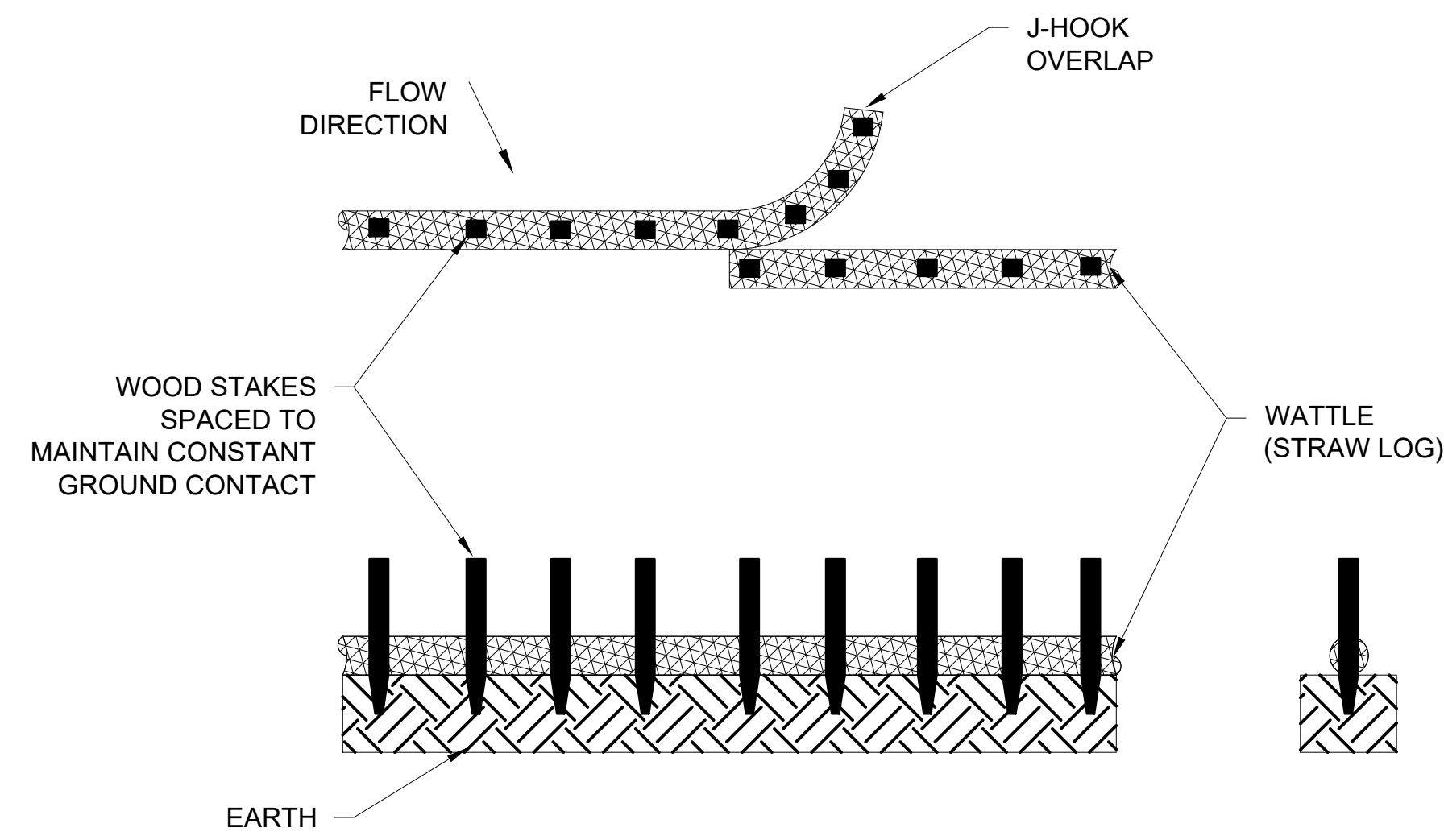
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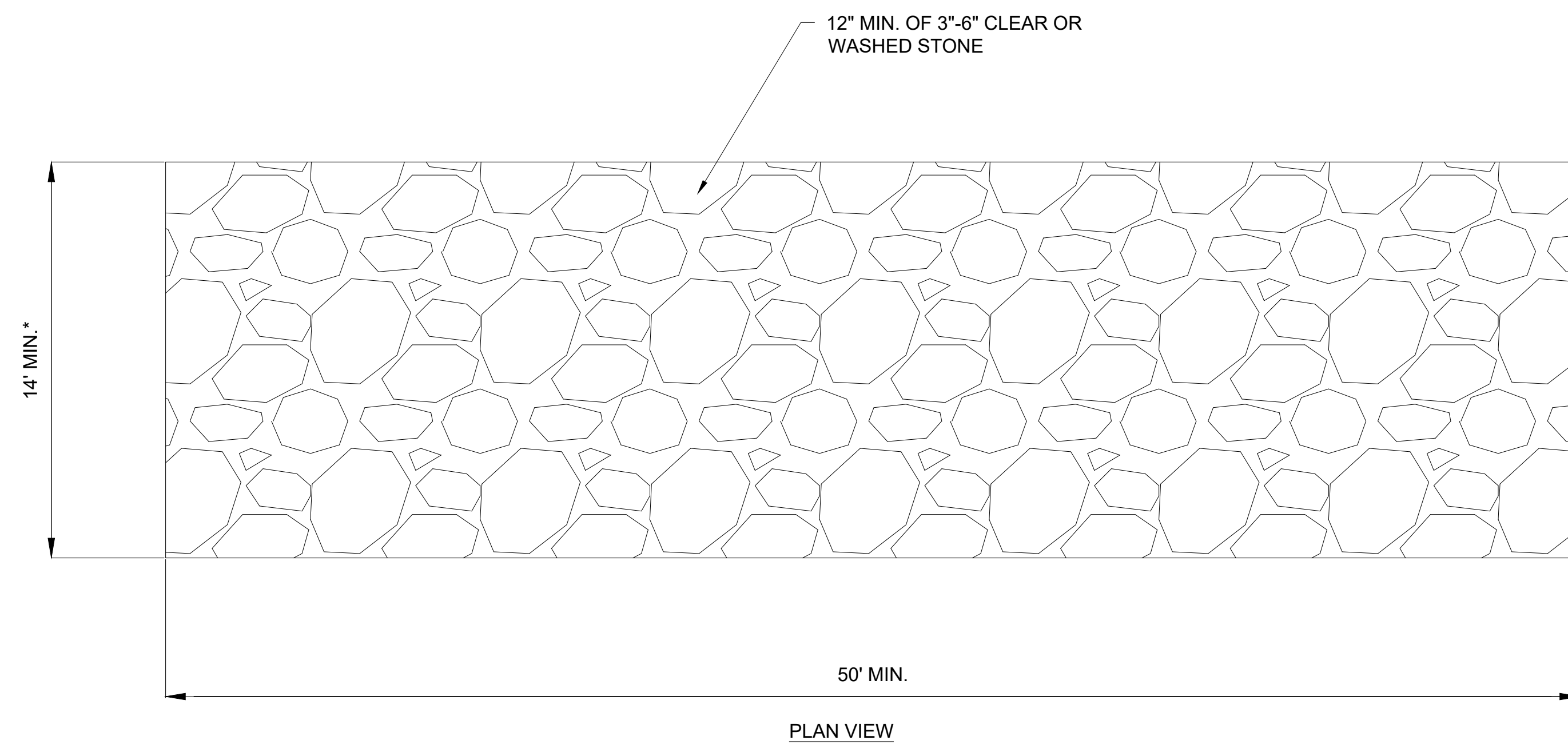
Sheet No.
C-602



WATTLES NOTES:

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

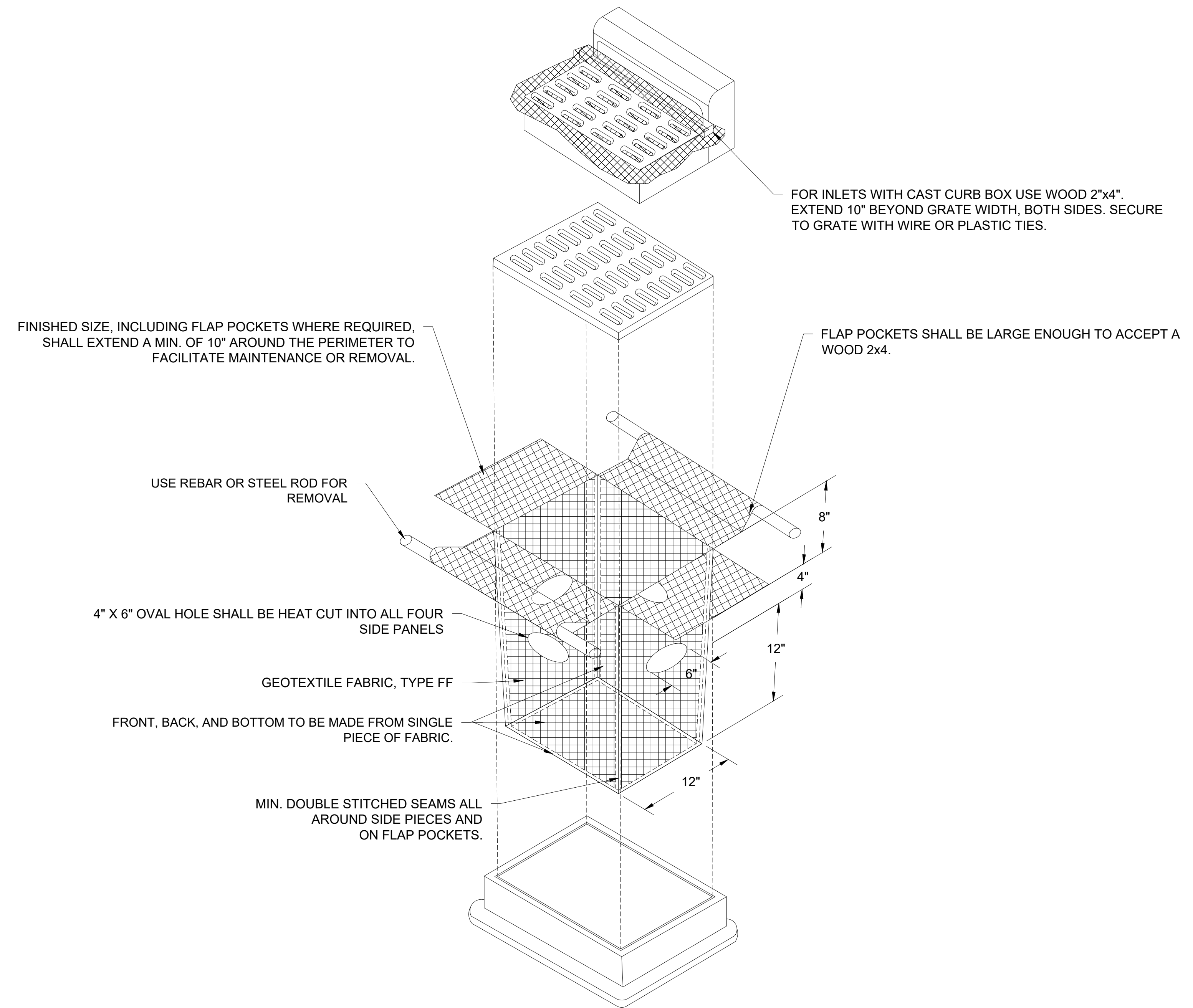
1 WATTLES
C-603 NTS



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.

2 TRACKING PAD
C-603 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.

3 INLET PROTECTION, TYPE D
C-603 NTS

NOT FOR CONSTRUCTION

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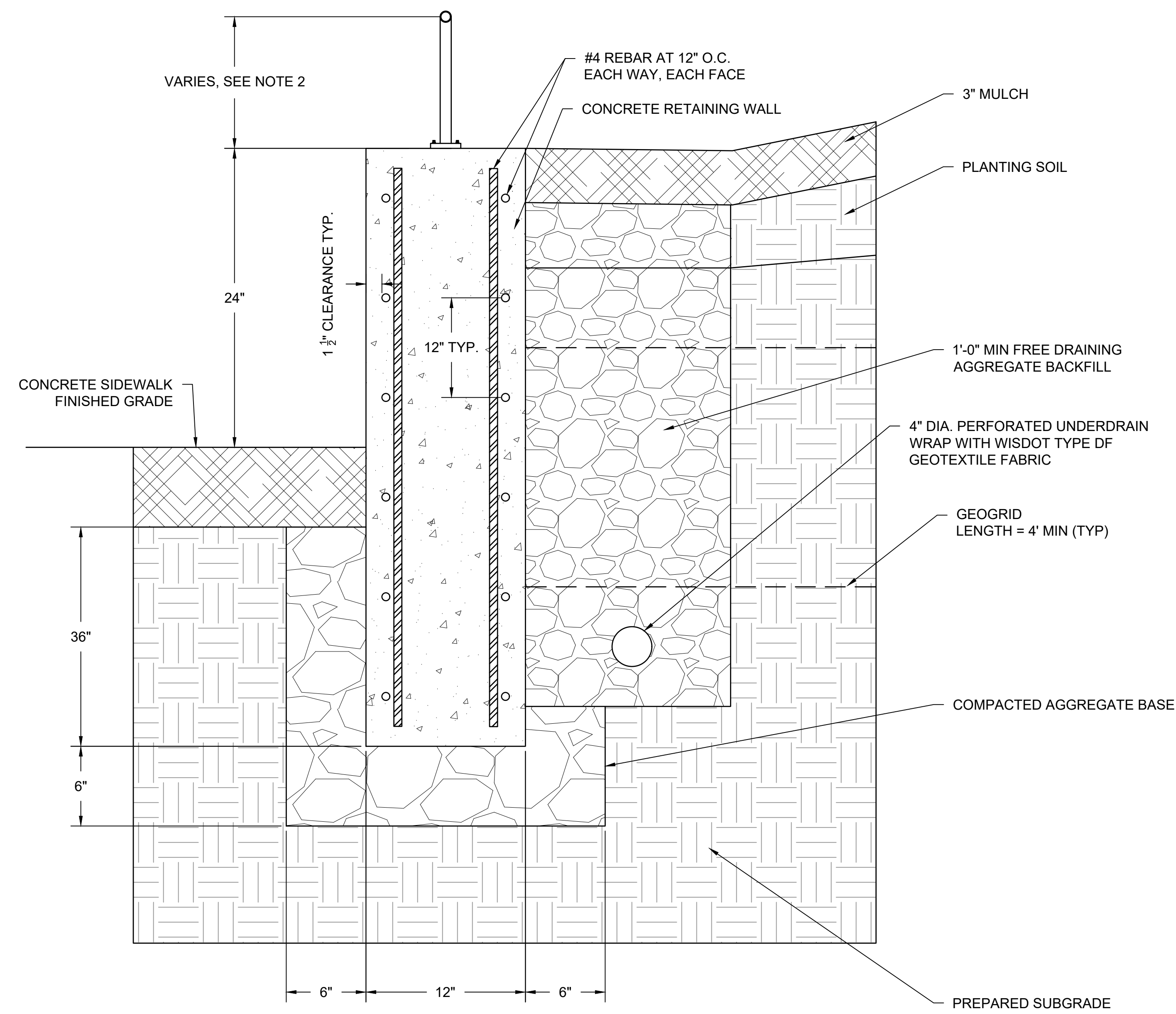
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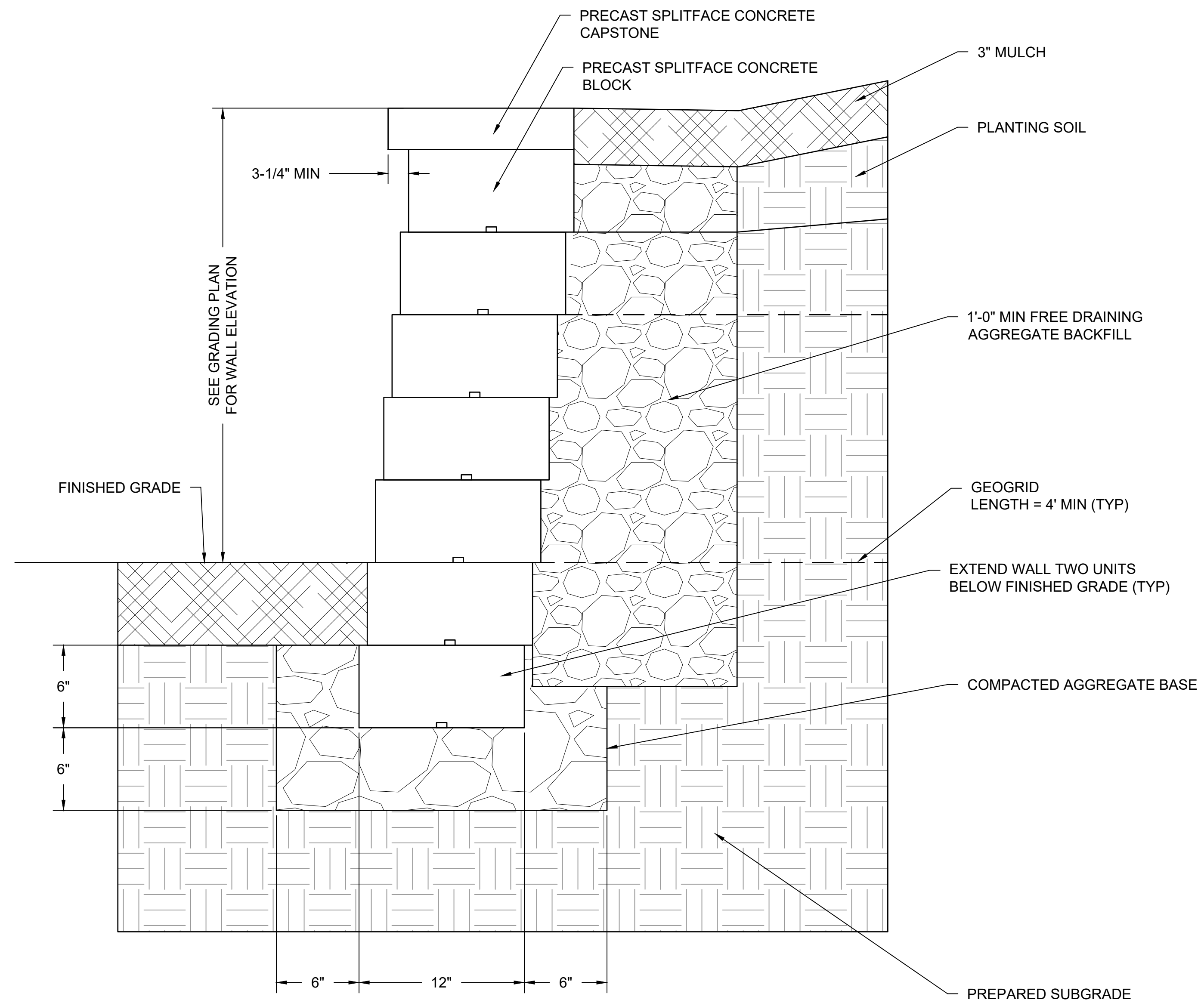
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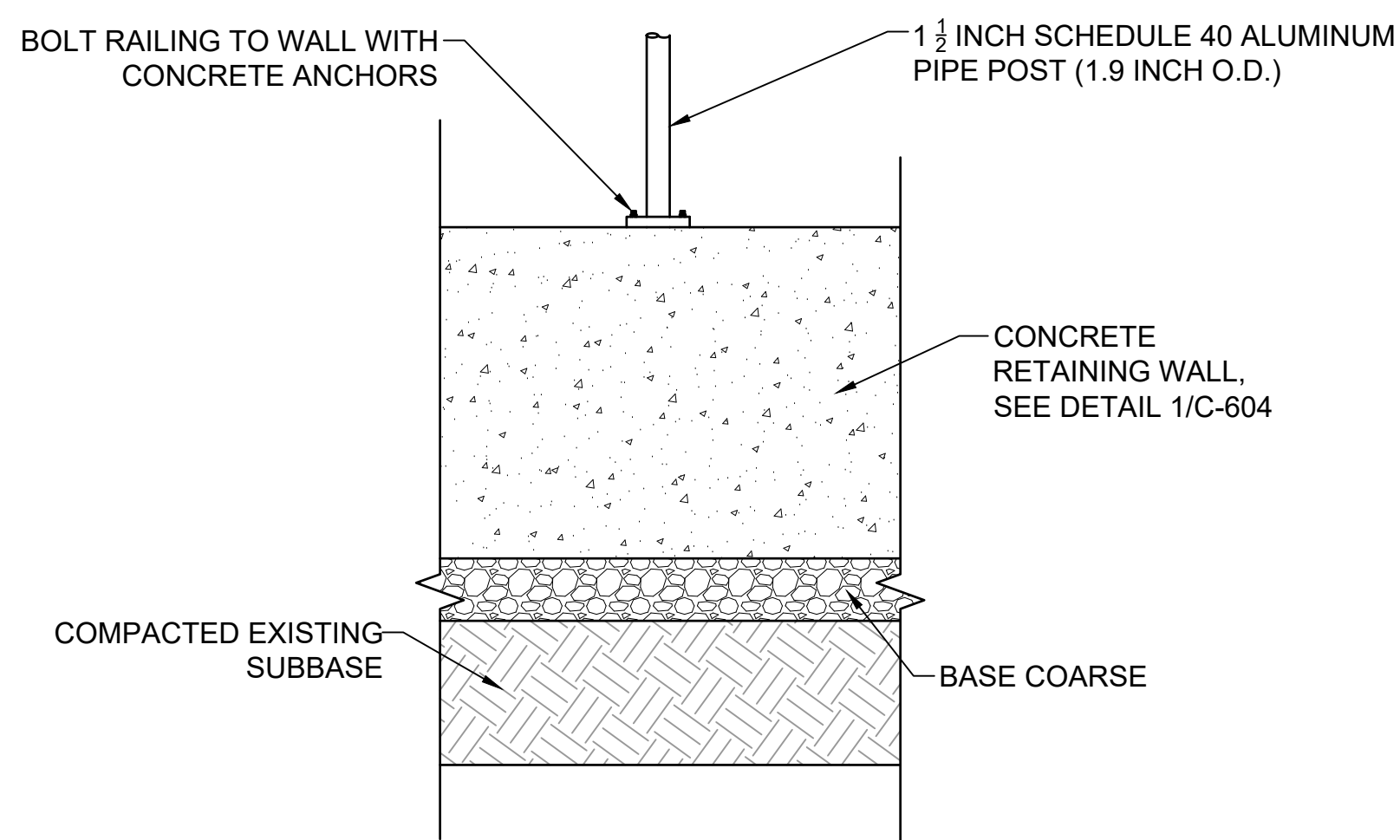


NOTES:
1. UNDERDRAIN SHALL BE INSTALLED ONLY ON UPHILL SIDE OF RAMP
2. HANDRAILS SHALL BE INSTALLED AT 36" ABOVE FINISHED GRADE OF SIDEWALK

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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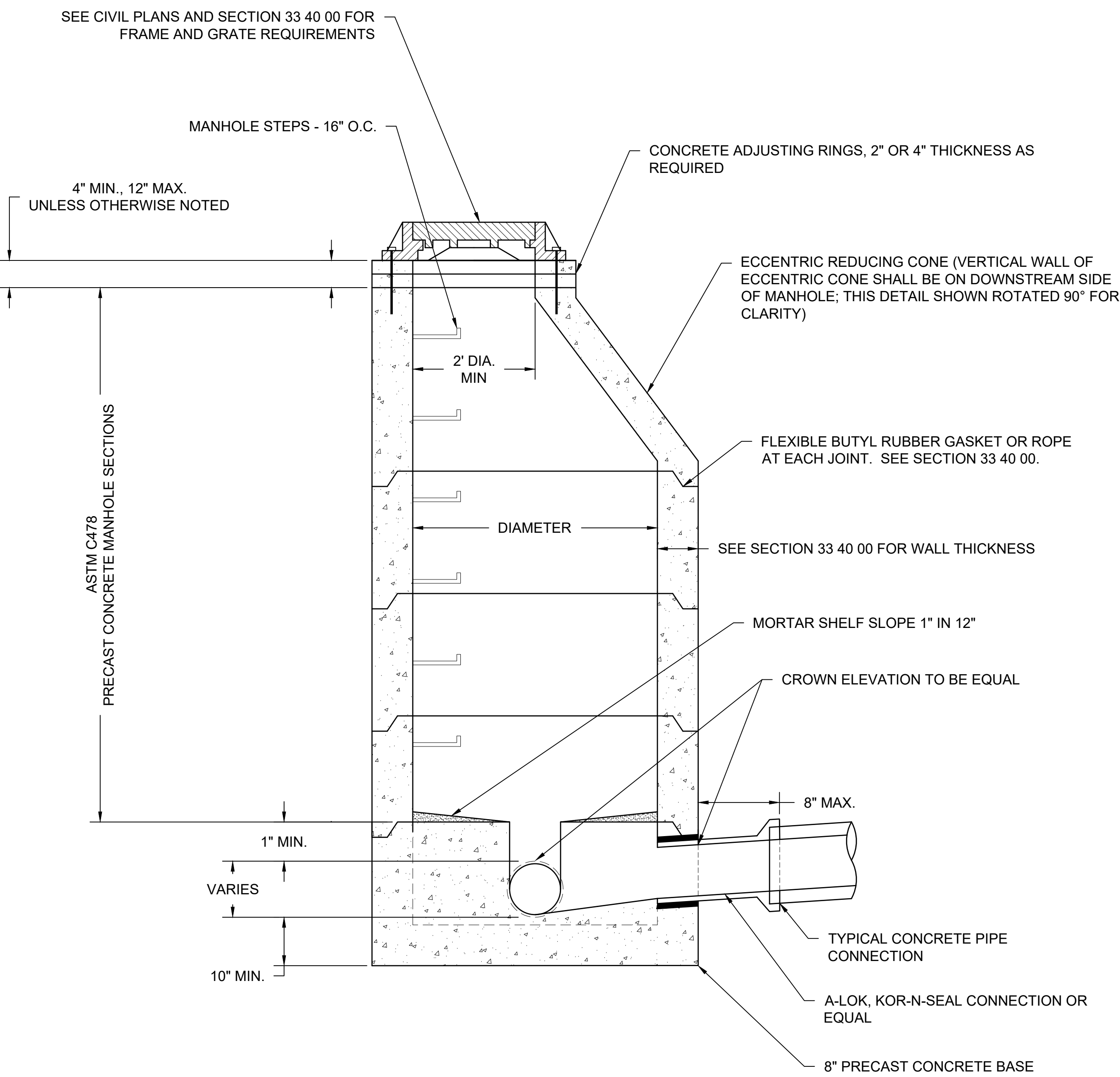
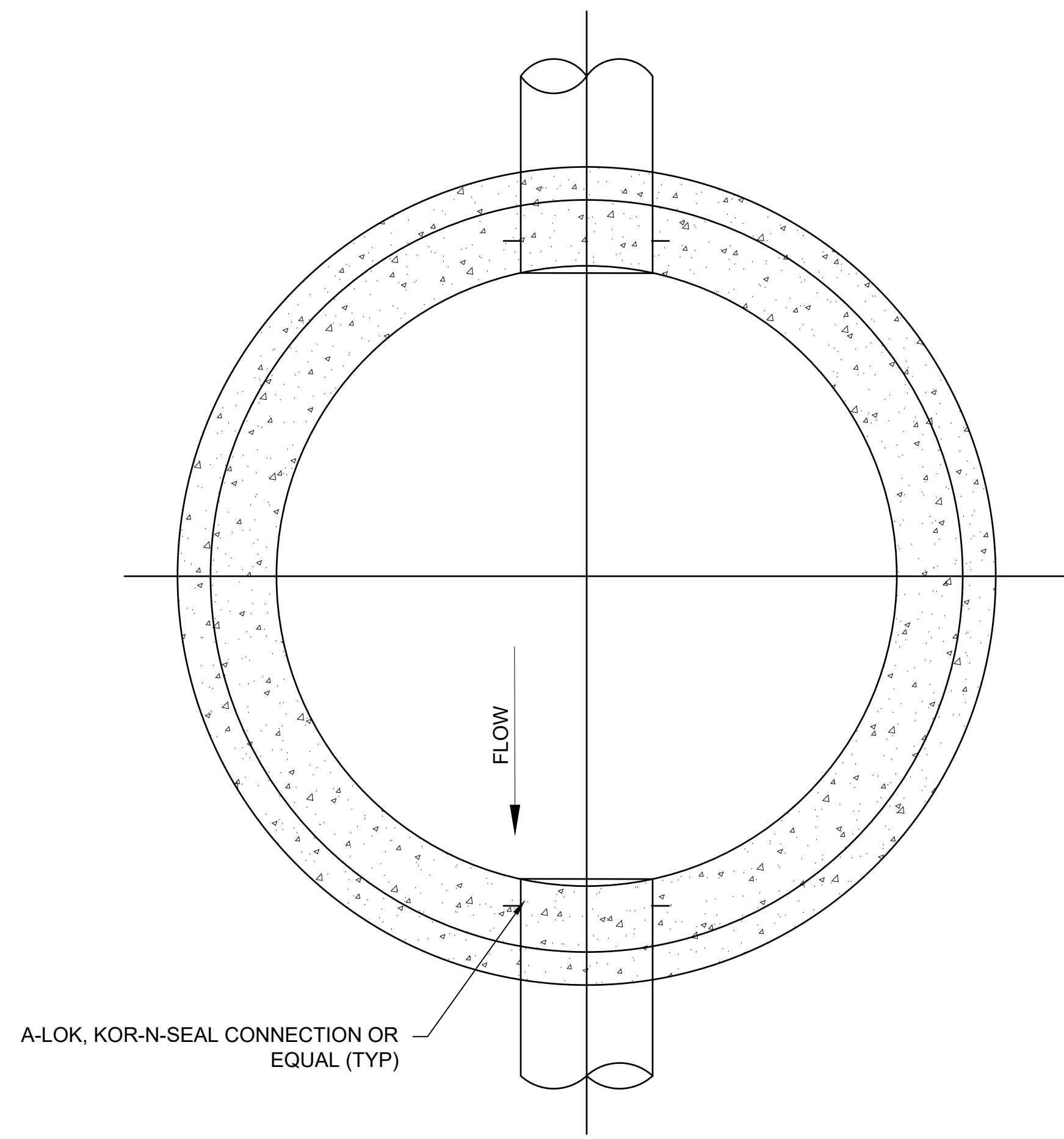
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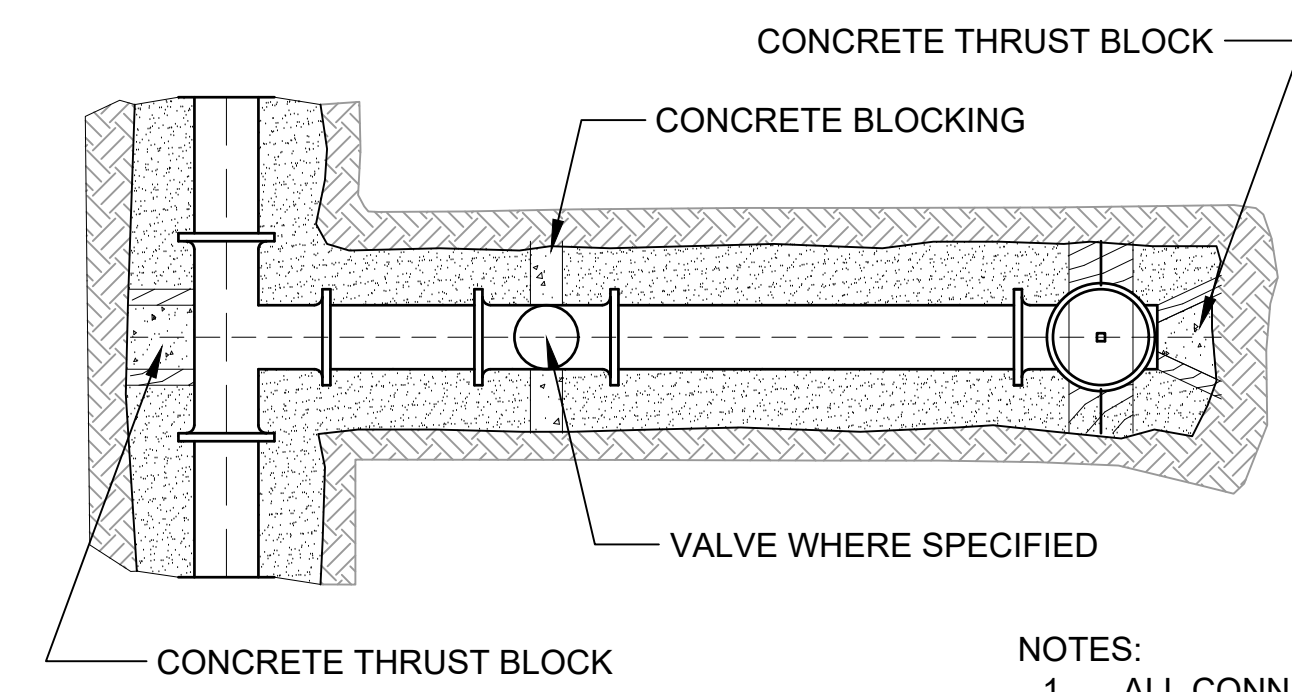
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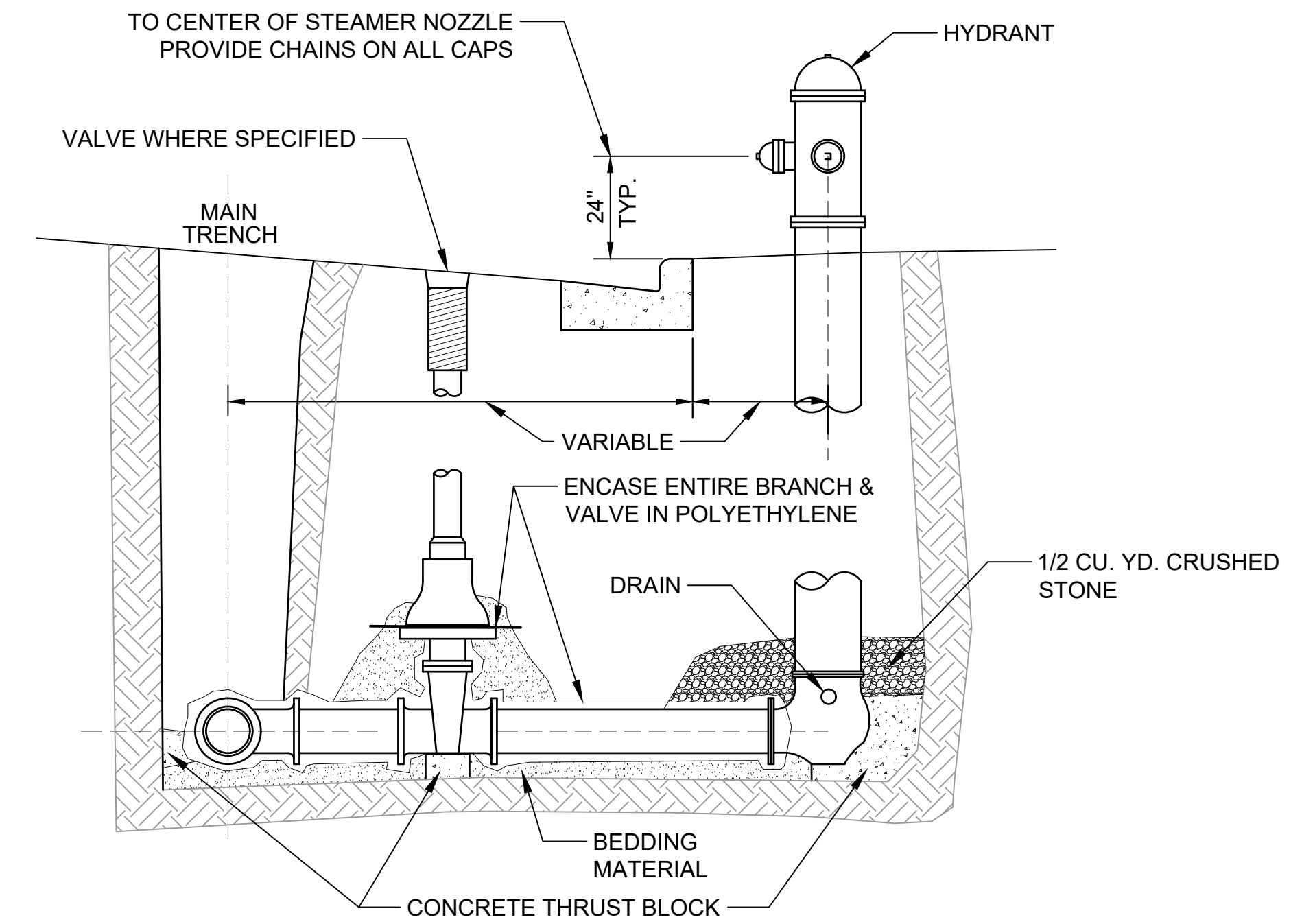
NOTES:
MANHOLES SHALL BE IN ACCORDANCE WITH FILE NO. 12 AND WITH A CASTING IN ACCORDANCE WITH FILE NO. 14A OF THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.

1 STANDARD MANHOLE
C-605

NTS



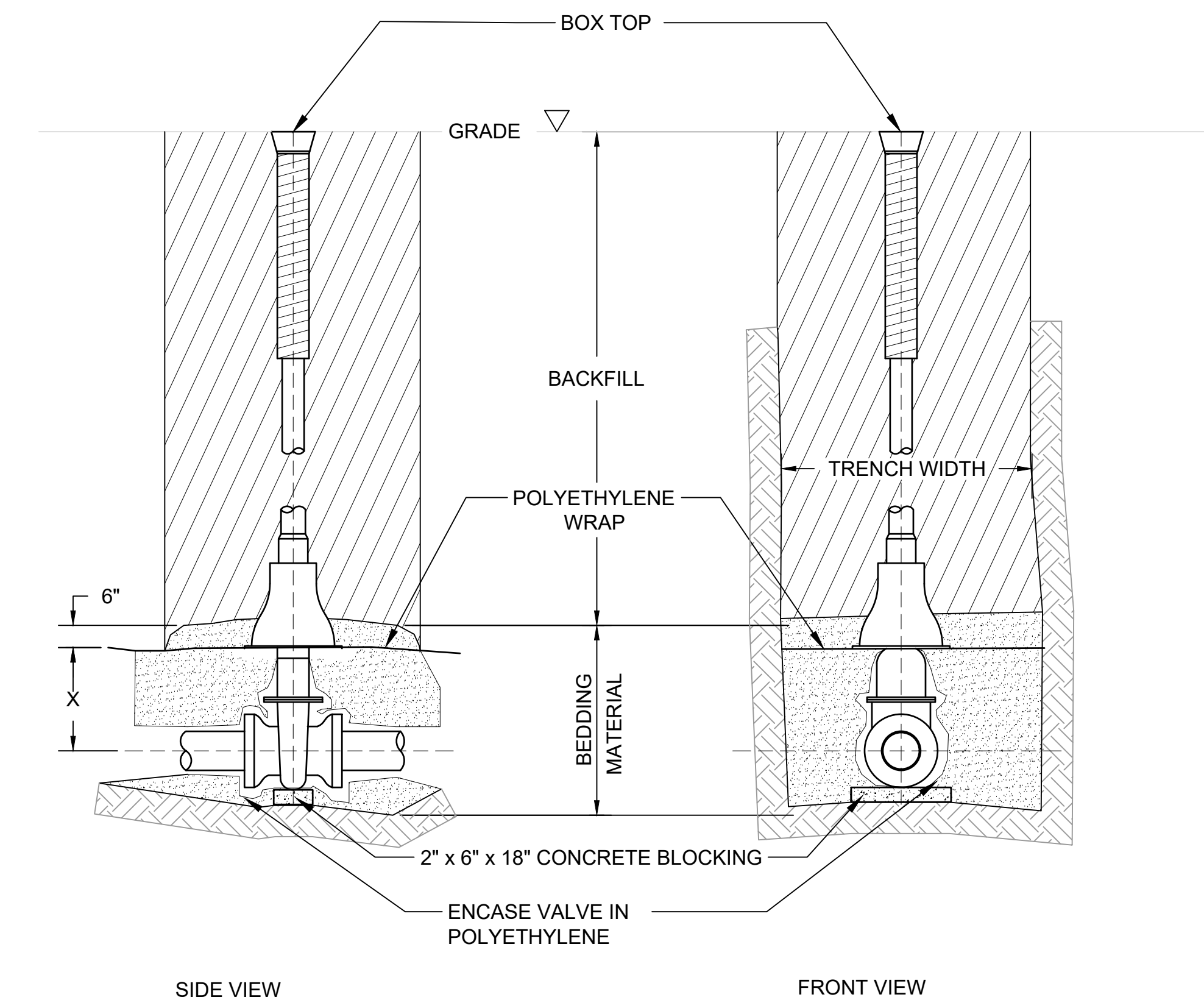
NOTES:
1. ALL CONNECTIONS SHALL BE RESTRAINED USING MECHANICAL JOINT RESTRAINTS.
2. HYDRANTS SHALL BE IN ACCORDANCE WITH FILE NO. 38 OF THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.



2 FIRE HYDRANT INSTALLATION
C-605

NTS

PIPE DIA. INCHES	X = SETTING INCHES
2	6
3	7
4	8
6	12
8	13
10	17
12	21
16	30



3 STANDARD GATE VALVE BOX SETTING
C-605

NTS

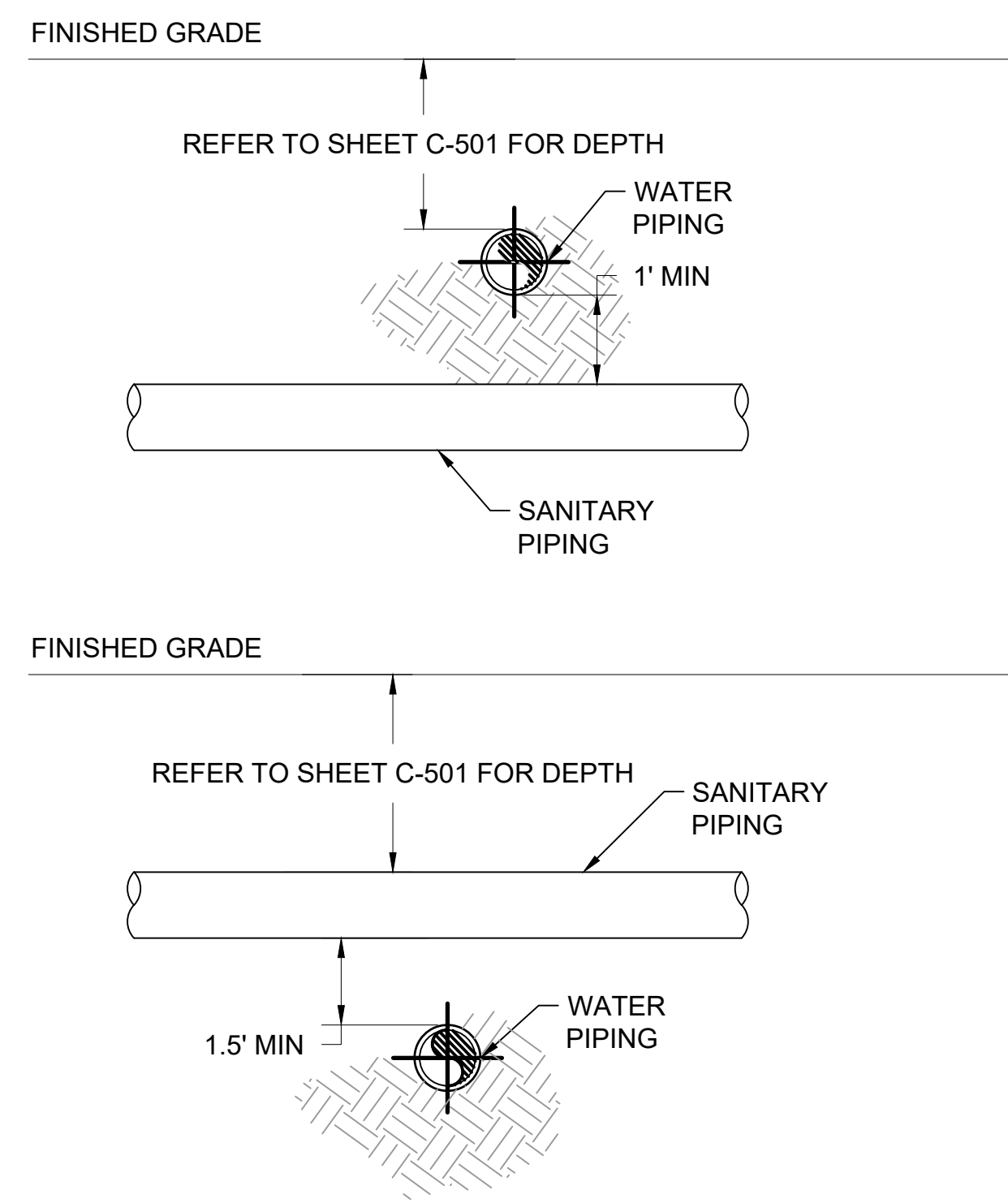
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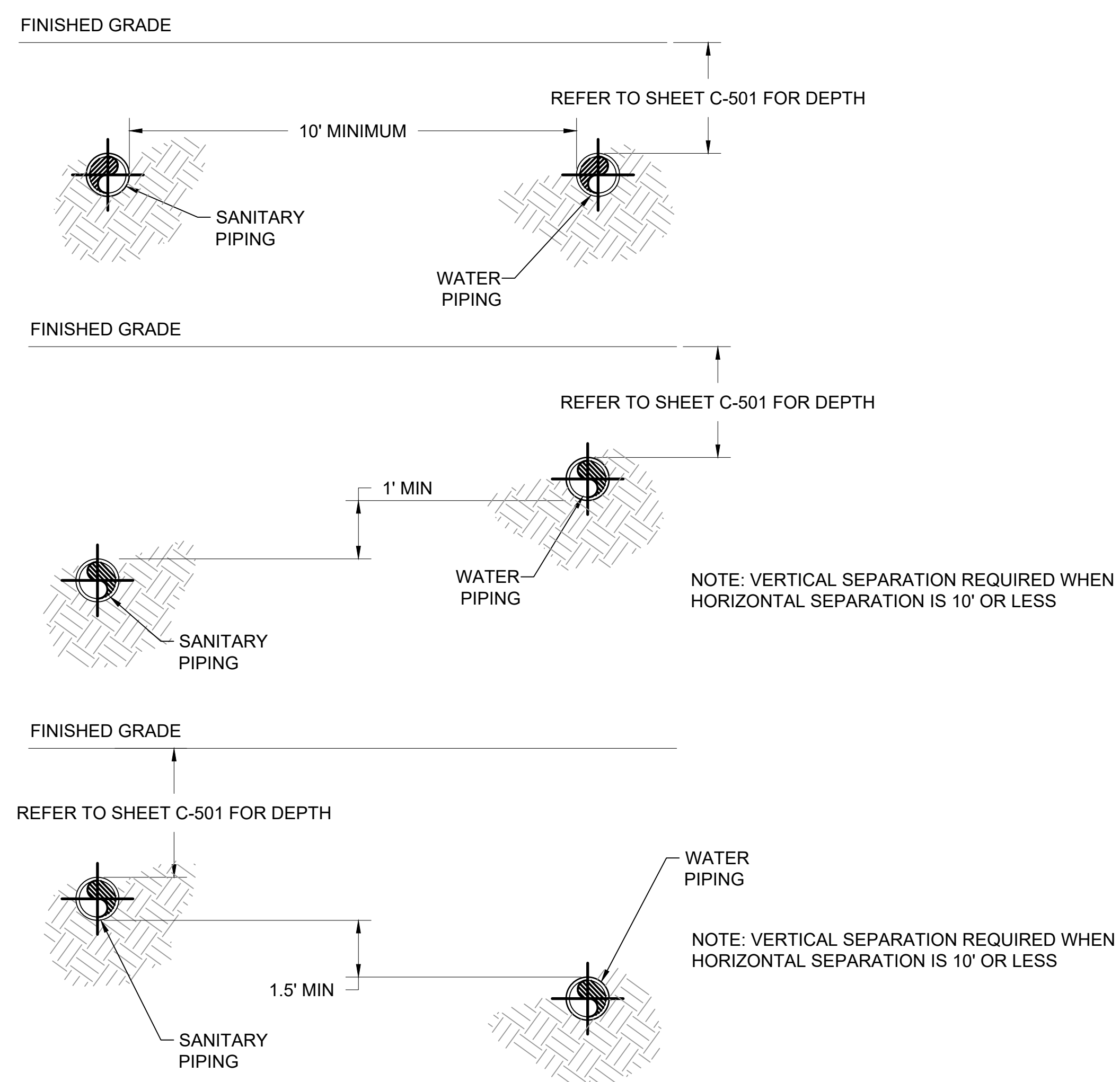
FROEDTERT SUNSET
DRIVE CLINIC

Project No. FROEDTERT HEALTH
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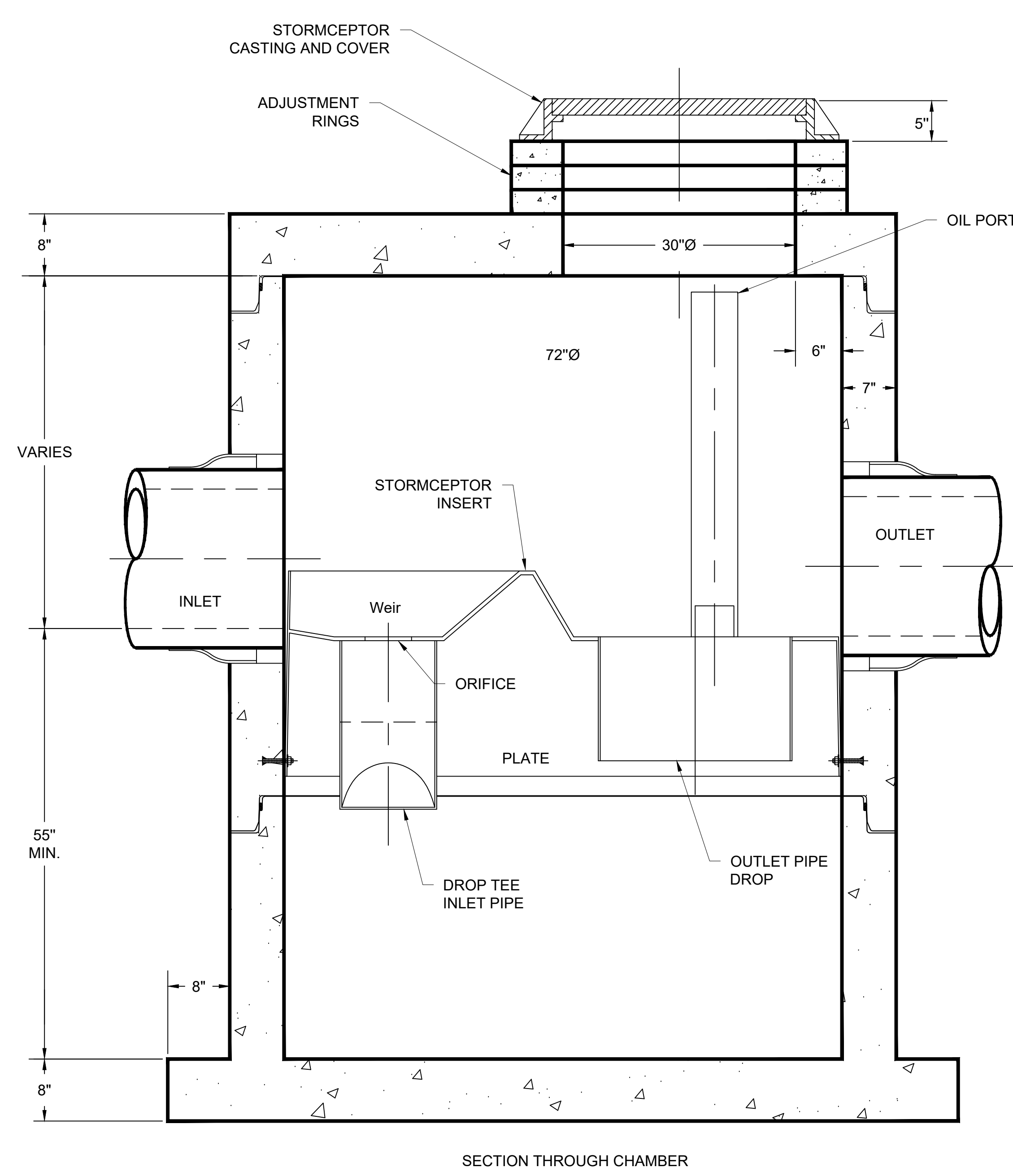
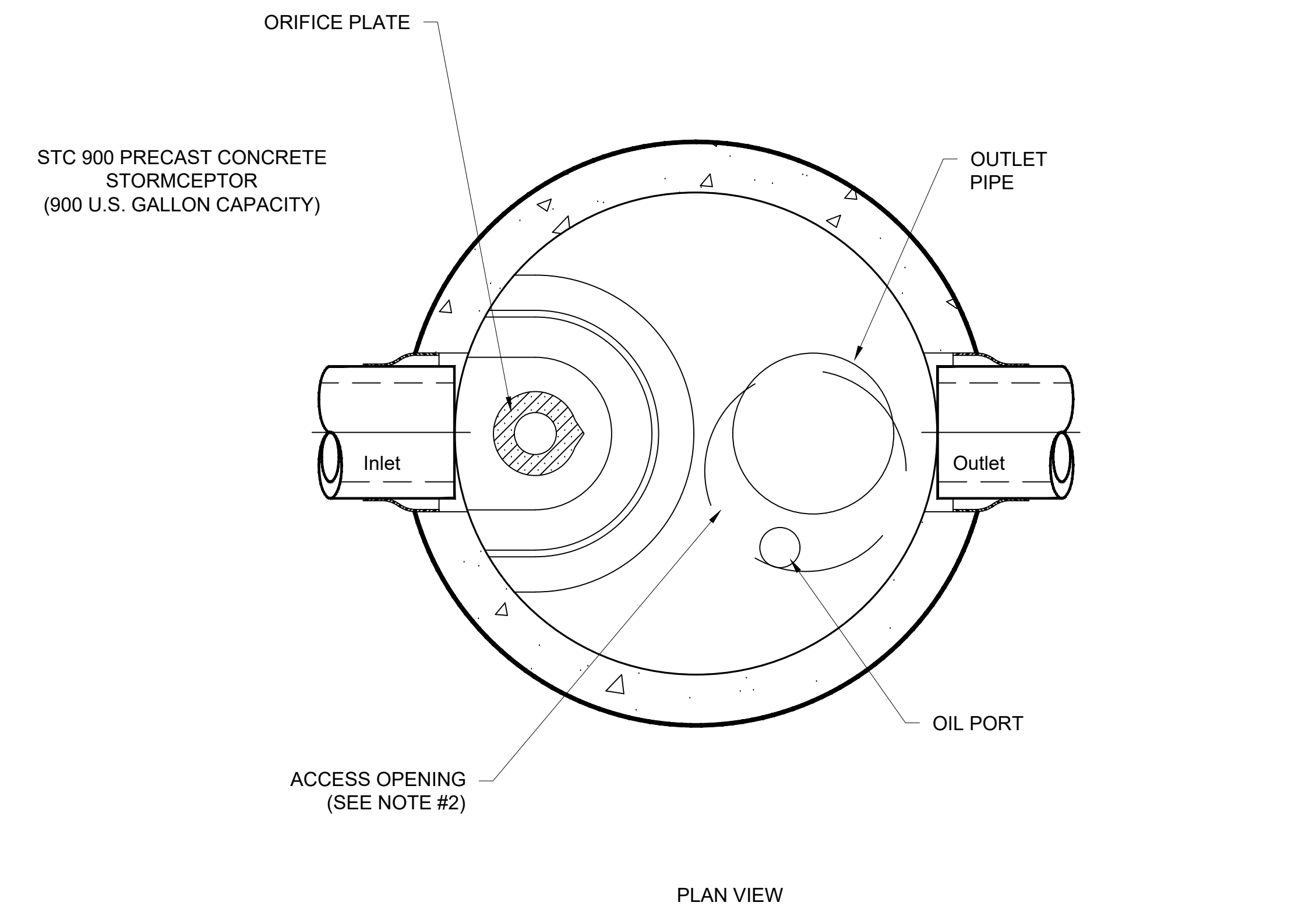
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1
C-606
REQUIRED VERTICAL SEPARATION FOR CROSSING UTILITY LINES
NTS



2
C-606
REQUIRED HORIZONTAL AND VERTICAL SEPARATION FOR PARALLEL UTILITY LINES
NTS



- NOTES:
1. THE USE OF FLEXIBLE CONNECTION IS RECOMMENDED AT THE INLET AND OUTLET WHERE APPLICABLE.
 2. THE COVER SHOULD BE POSITIONED OVER THE OUTLET DROP PIPE AND THE OIL PORT.
 3. THE STORMCEPTOR SYSTEM IS PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS:
#5753115, #5849181, #6068765, #6371690, #7582216, #7666303.

3
C-606
UP-FLO WATER QUALITY STRUCTURE DETAIL
NTS

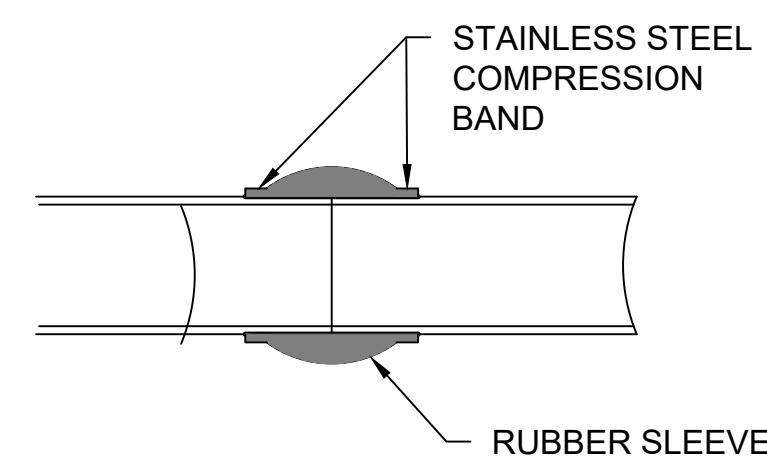
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FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00
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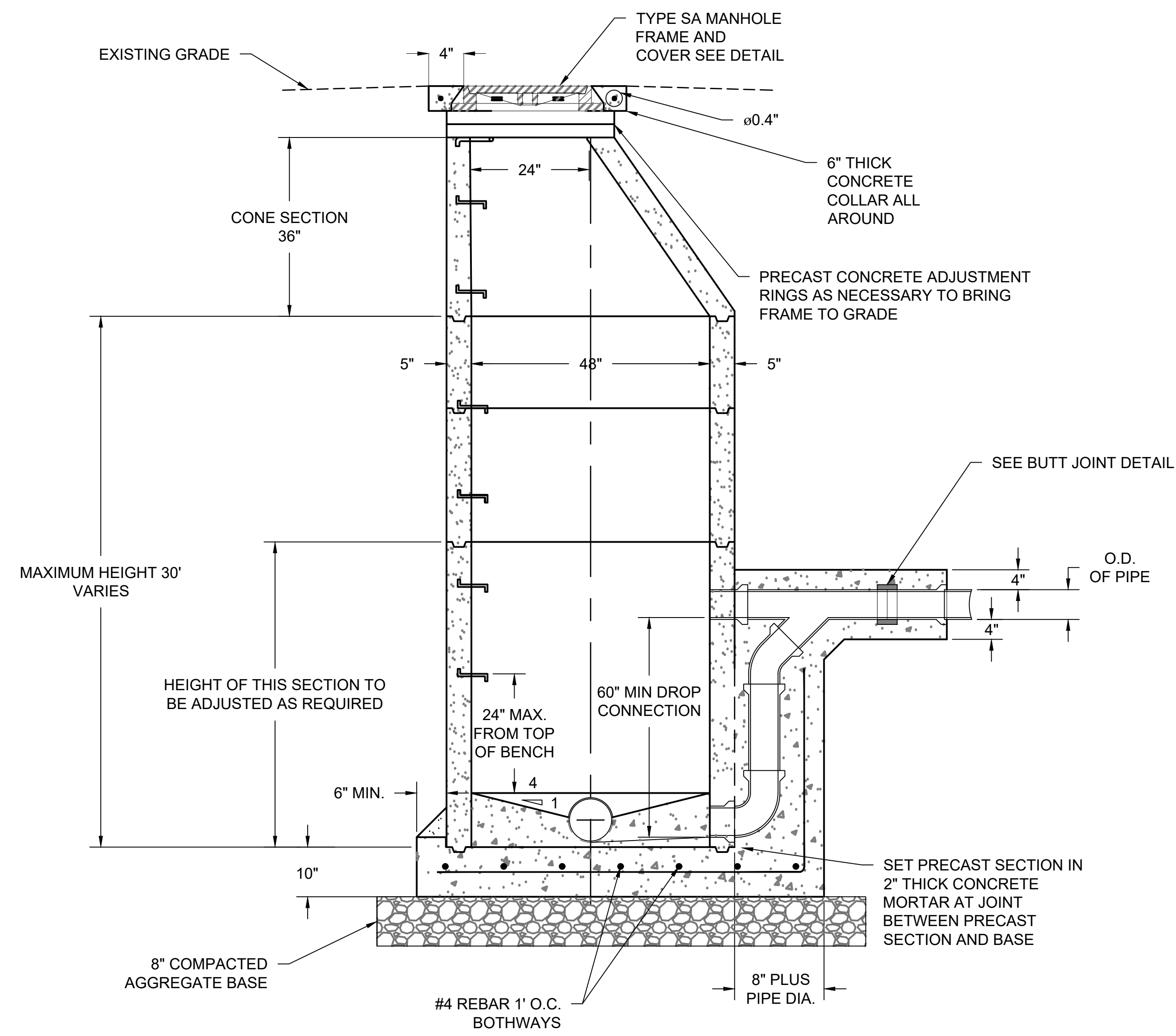
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RUBBER COMPRESSION JOINT
BUTT JOINT DETAIL
NTS

NOTES:

1. PROVIDE DROP CONNECTION IF PIPE AND MANHOLE INVERTS DIFFERENCE IS MORE THAN 60" MIN.
2. IF SEWER MANHOLE IS LOCATED IN A PAVED AREA BACKFILL SHALL BE SELECT MATERIAL.
3. IF SEWER MANHOLE IS LOCATED IN AN UNPAVED AREA BACKFILL SHALL BE SATISFACTORY MATERIAL.



4 **OUTSIDE DROP MANHOLE**
C-506 NTS

Revisions

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FROEDTERT SUNSET DRIVE CLINIC

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C-607

ELECTRICAL SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS INDICATED HERE ARE USED IN DRAWINGS AND MAY NOT APPLY TO CURRENT PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED ON DRAWINGS.

GENERAL ELECTRICAL ABBREVIATIONS

1P - ONE POLE	KVA - KILOVOLT AMPERE
2P - TWO POLE	KVAR - KILOVOLT AMPERE REACTIVE
3P - THREE POLE	KW - KILOWATT
4P - FOUR POLE	LP - LIGHTING PANEL
1P, 1W- ONE POLE, ONE WIRE	LS - LIMIT SWITCH
1P, 2W- ONE POLE, TWO WIRE	LTG - LIGHTING
2P, 2W- TWO POLE, TWO WIRE	LV - LOW VOLTAGE
2P, 3W- TWO POLE, THREE WIRE	MC - MECHANICAL CONTRACTOR
3P, 2W- THREE POLE, TWO WIRE	MCA - MINIMUM CIRCUIT AMPS
3P, 3W- THREE POLE, THREE WIRE	MCC - MOTOR CONTROL CENTER
3P, 4W- THREE POLE, FOUR WIRE	MDP - MAIN DISTRIBUTION PANEL
4P, 4W- FOUR POLE, FOUR WIRE	MH - MANHOLE
A - AMPERE	MISC - MISCELLANEOUS
AC - ALTERNATING CURRENT	MLO - MAIN LUGS ONLY
AF - AMPERE FRAME	MTD - MOUNTED
AFF - ABOVE FINISHED FLOOR	MTG - MOUNTING
AFG - ABOVE FINISHED GRADE	MVS - MANUAL TRANSFER SWITCH
AIC - AMPERE INTERRUPTING CAPACITY	MV - MEDIUM VOLTAGE
AL - ALUMINUM	N / A - NOT APPLICABLE
ARCH- ARCHITECT	NC - NORMALLY CLOSED
AS - AMP SWITCH	NEC - NATIONAL ELECTRIC CODE
AT - AMP TRIP	NIC - NOT IN CONTRACT
ATS - AUTOMATIC TRANSFER SWITCH	NO - NORMALLY OPEN
A / V - AUDIO VISUAL	NTS - NOT TO SCALE
AVE - AVERAGE	# - NUMBER
B - PEDISTAL MOUNTED ON BENCH TOP	P - POLE
BF - BELOW FLOOR	PB - PULL BOX
BFF - BELOW FINISHED FLOOR	PC - PLUMBING SYSTEM CONTRACTOR
BFG - BELOW FINISHED GRADE	PH - PHASE
BLDG - BUILDING	PNL - PANEL OR PANELBOARD
C - CONDUIT	PP - POWER PANEL
CATV - CABLE TELEVISION	PR - PAIR
CB - CIRCUIT BREAKER	PRI - PRIMARY
CKT - CIRCUIT	PVC - POLYVINYL CHLORIDE
CL - CENTERLINE	REC - RECESSED
CLG - CEILING MOUNTED	RSC - RIGID STEEL CONDUIT
CT - CURRENT TRANSFORMER	SC - SECURITY CONTRACTOR
CU - COPPER	SEC - SECONDARY
D - DEDICATED DEVICE	SN - SOLID NEUTRAL
DC - DIRECT CURRENT	SP - SPARE
Δ - DELTA	SS - STAINLESS STEEL
DISC - DISCONNECT	ST - SHUNT TRIP
DWG - DRAWING	STP - SHIELDED TWISTED PAIR
EC - ELECTRICAL CONTRACTOR	SUSP - SUSPENDED
EM - EMERGENCY	SW - SWITCH
EMT - ELECTRIC METALLIC TUBING	SWBD - SWITCHBOARD
ER - EXISTING TO BE REMOVED	TC - TELEPHONE CABINET
ERL - EXISTING TO BE RELOCATED	TCI - TELECOMMUNICATIONS CABLING INSTALLER
ETR - EXISTING TO REMAIN	TEL - TELEPHONE
EX - EXISTING	TELECOM - TELECOMMUNICATIONS
FA - FIRE ALARM	TELE / DATA - TELEPHONE / DATA
FLA - FULL LOAD AMPS	TP - TWISTED PAIR
FO - FIBER OPTIC	TYP - TYPICAL
FPC - FIRE PROTECTION CONTRACTOR	UG - UNDERGROUND
GC - GENERAL CONTRACTOR	UOI - UNLESS OTHERWISE INDICATED
GFCI - GROUND FAULT CIRCUIT INTERRUPTER	UTP - UNSHIELDED TWISTED PAIR
G - GROUND FAULT PROTECTED	V - VOLT
GND - GROUND	W - WATT
GRC - GALVANIZED RIGID CONDUIT	WP - WATERPROOF
HH - HANDHOLE	WR - WEATHER RESISTANT
HP - HORSEPOWER	XFMR - TRANSFORMER
HVAC - HEATING, VENTILATING, AND AIR CONDITIONING	Y - WYE
HZ - HERTZ (CYCLE) PER SECOND	
JB - JUNCTION BOX	

LUMINAIRES

GENERAL LIGHTING

- 1X1 FIXTURES
- 1X2 FIXTURES
- 1X3 FIXTURES
- 1X4 FIXTURES
- 2X2 FIXTURES
- 2X4 FIXTURES
- UNDER CABINET
- INDUSTRIAL STRIP
- TRACK LIGHTING
- DOWNLIGHT
- ACCENT LIGHT
- FLOOD LIGHT
- 2 LAMP FLOOD LIGHT
- POLE MOUNTED
- WALL MOUNTED

MOUNTING SYMBOLS

- RECESSED MOUNTED
- SURFACE MOUNTED
- PENDANT MOUNTED
- WALL MOUNTED

EMERGENCY POWER INDICATION

- NORMAL POWER
- HALF EMERGENCY POWER
- EMERGENCY POWER

EGRESS LIGHTING

- SINGLE REMOTE HEAD
- DOUBLE REMOTE HEAD
- BATTERY UNIT
- BATTERY UNIT WITH HEADS

EXIT SIGNS (HATCH INDICATES FACE)

- SINGLE FACE EXIT SIGN
- DOUBLE FACE EXIT SIGN
- SINGLE FACE EXIT SIGN WITH HEADS
- DOUBLE FACE EXIT SIGN WITH HEADS

IDENTIFICATION

MOUNTING INDICATION: A, 1, 2, R-1

FIXTURE TYPE (REFER TO LIGHTING SCHEDULE)

SWITCH LEG

ZONE RELAY

LIGHTING CONTROLS

- WALL MOUNTED SWITCH/SENSOR
- OCCUPANCY SENSOR

ABBREVIATIONS

3	- 3 WAY SWITCH
4	- 4 WAY SWITCH
a	- SWITCH LEG
D	- DIMMER SWITCH
K	- KEYED SWITCH
L	- LOW VOLTAGE SWITCH
M	- MOTOR RATED SWITCH
O	- OCCUPANCY SENSOR
P	- PILOT LIGHT SWITCH
T	- TIMER SWITCH
V	- VACANCY SENSOR

LINE TYPES

- NEW WORK
- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED

POWER

- FLUSH MOUNTED PANEL BOARD
- EQUIPMENT CONNECTION
- NON-FUSED SWITCH

RECEPTACLES

- DUPLEX RECEPTACLE
- GFCI DUPLEX RECEPTACLE
- CEILING MOUNTED CORD REEL
- DEAD FRONT GFCI (LEGRAND 2087LA)

ABBREVIATIONS

AFCI	- ARC-FAULT CIRCUIT INTERRUPTER
a	- SWITCH LEG
C	- ABOVE COUNTER
CO	- COPIER
DR	- DRYER
DW	- DISHWASHER
WP	- WEATHER PROOF IN-USE
WR	- WEATHER RESISTANT DEVICE
ITG	- GROUND FAULT CIRCUIT INTERRUPTER

DRAWING SYMBOLS

- KEYNOTE
- REVISION TAG

SECURITY

- KEY PAD
- CARD READER
- ACCESS CONTROL
- SECURITY CAMERA (BY OTHERS)

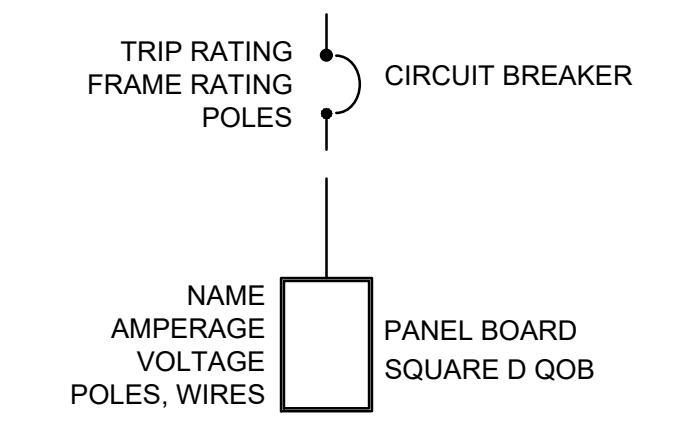
DATA/COMM

- DATA OUTLET FLOOR MOUNTED
- DATA OUTLET WALL MOUNTED
- DATA VOICE FLOOR MOUNTED
- DATA VOICE WALL MOUNTED
- WIRELESS ACCESS POINT

CONTROLS

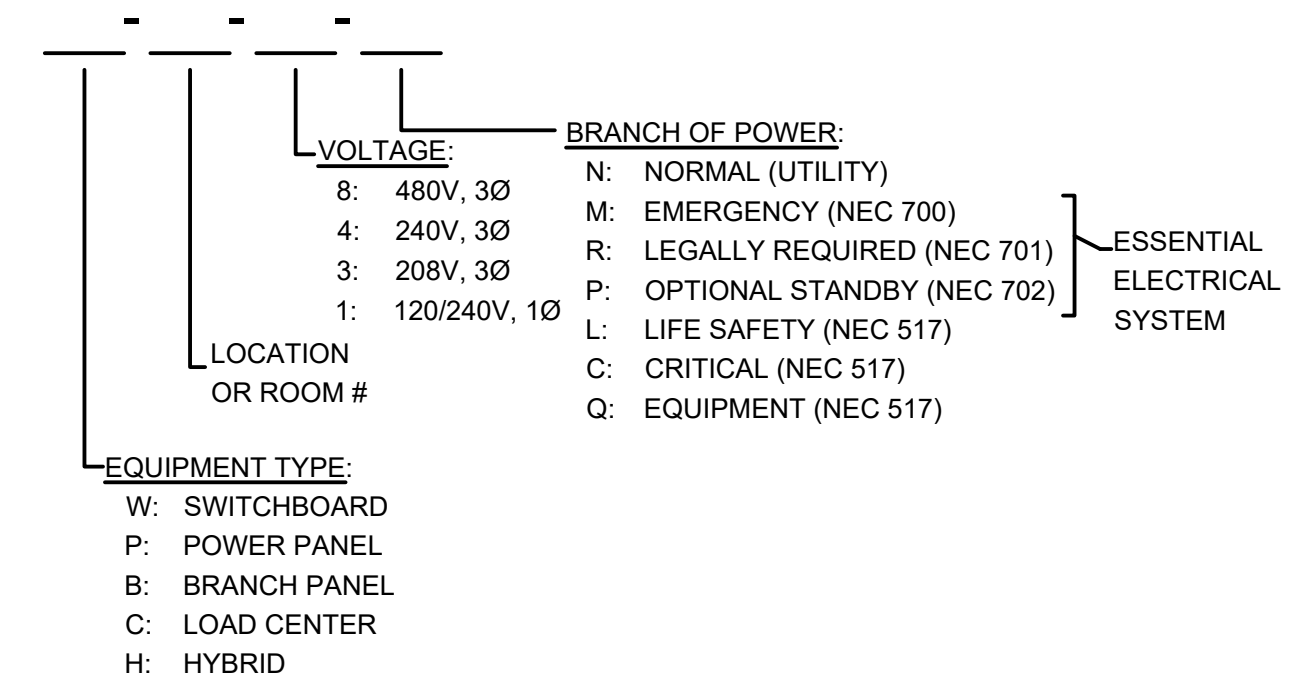
- EMERGENCY POWER OFF BUTTON
- OVERHEAD DOOR CONTROL
- PUSH BUTTON

ONE-LINE



EQUIPMENT DESIGNATION LEGENDS

PANELBOARDS AND SWITCHBOARDS



Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

Drawing Date
4/22/2019

FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH
218082.00

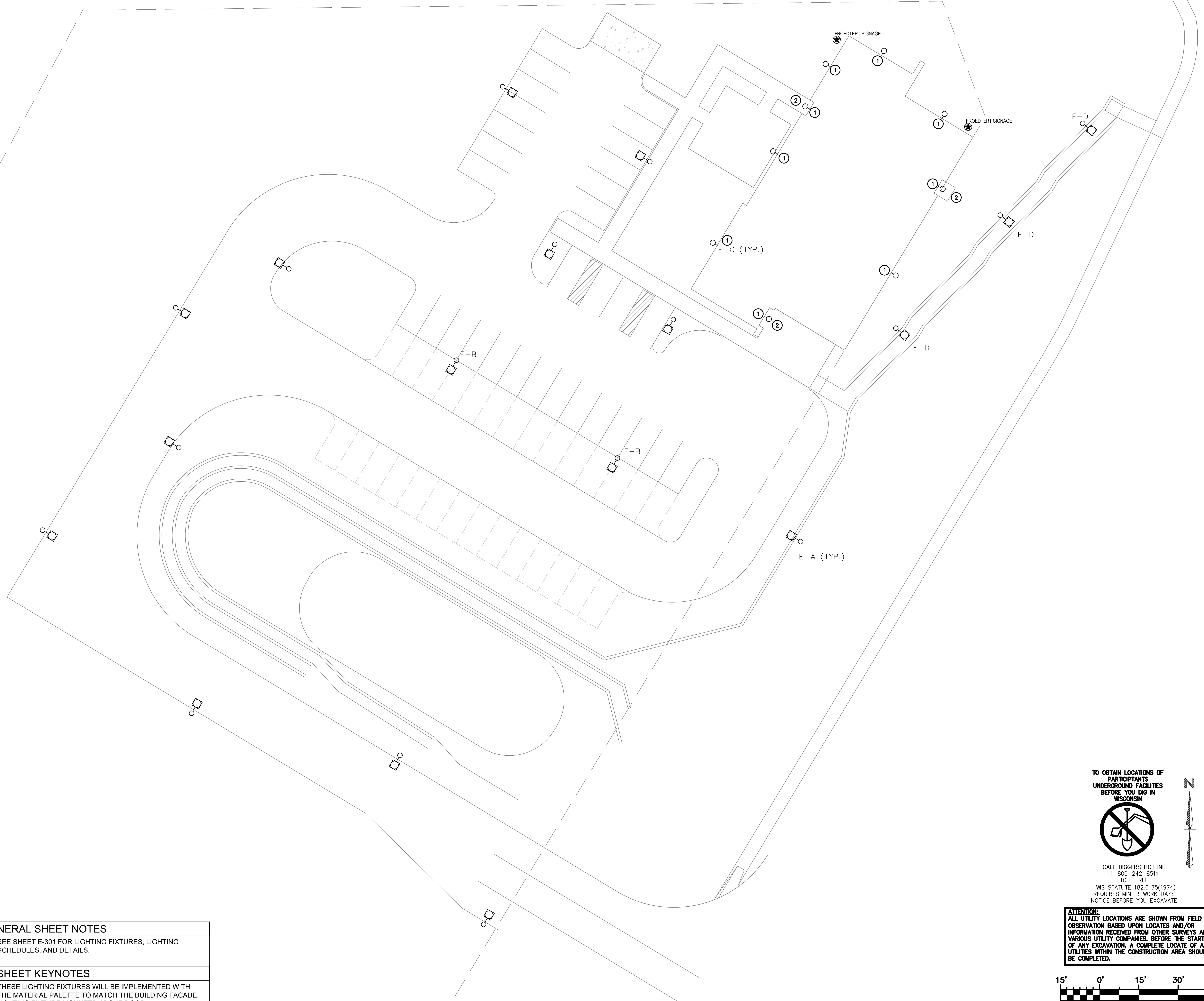
Sheet Title
ELECTRICAL SYMBOLS AND ABBREVIATIONS

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Sheet No.
E-001


ELECTRICAL SHEET INDEX	
E-001	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E-101	SITE LIGHTING PLAN
E-201	SITE PHOTOMETRICS PLAN
E-301	LIGHTING FIXTURES, LIGHTING SCHEDULE, AND DETAILS

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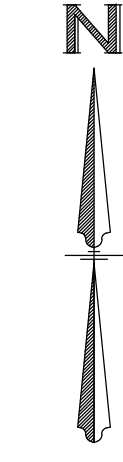
GENERAL SHEET NOTES	
1.	SEE SHEET E-301 FOR LIGHTING FIXTURES, LIGHTING SCHEDULES, AND DETAILS.
SHEET KEYNOTES	
1	THESE LIGHTING FIXTURES WILL BE IMPLEMENTED WITH THE MATERIAL PALETTE TO MATCH THE BUILDING FACADE.
2	LIGHTING FIXTURE MOUNTED ABOVE DOOR.

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



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

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.



GRAPHIC SCALE 1" = 15'

Revisions

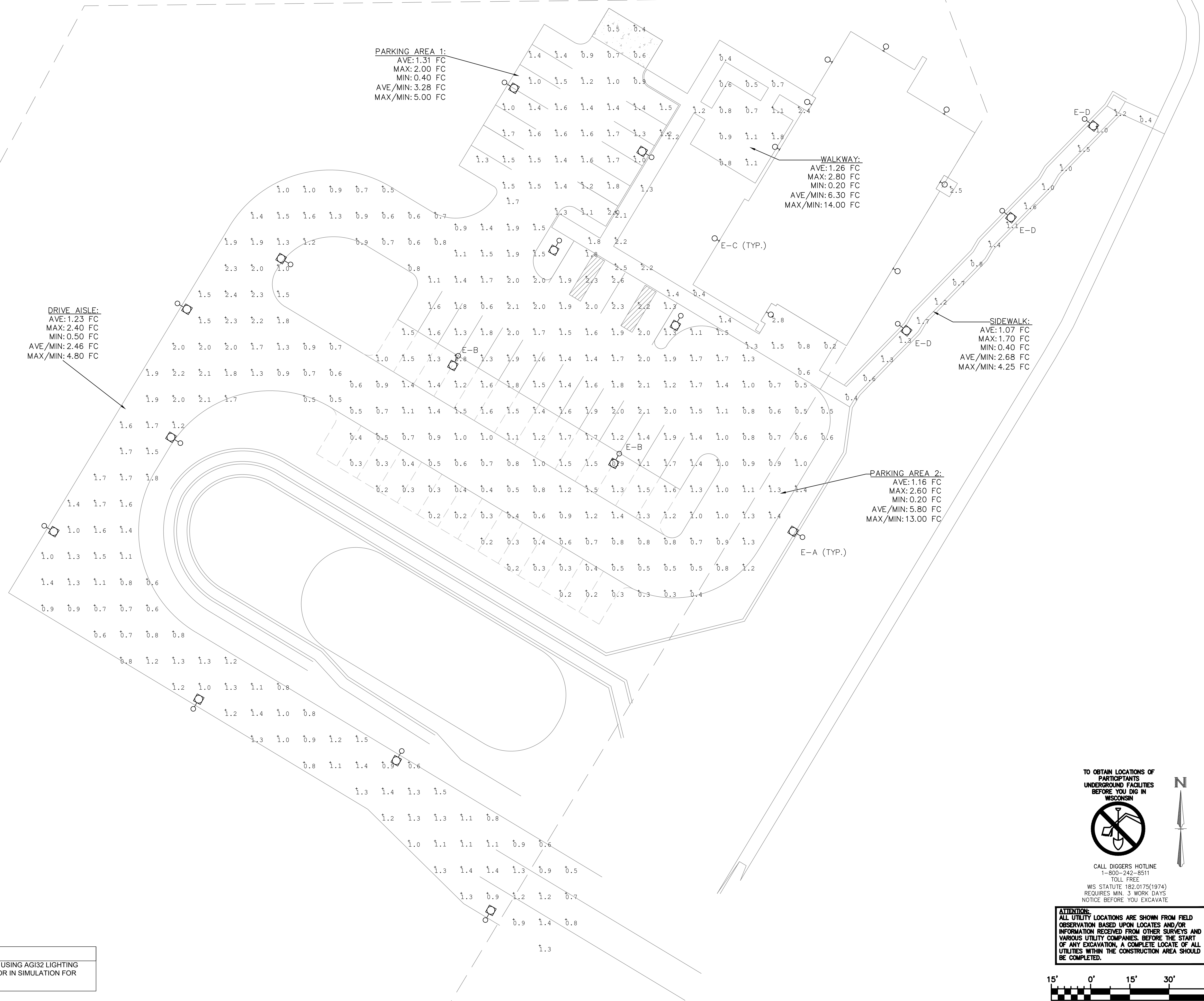
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FROEDTERT SUNSET
DRIVE CLINIC

Project No. FROEDTERT HEALTH
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Sheet Title
SITE LIGHTING PLAN

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GENERAL SHEET NOTES
 1. ALL LIGHTING SIMULATIONS DONE USING AGI32 LIGHTING SOFTWARE. LIGHTING LOSS FACTOR IN SIMULATION FOR LED LUMINAIRES WAS 0.92.

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

CALL DIGGERS HOTLINE
 1-800-242-9511
 TOLL FREE
 WS STATUTE 182.0175(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.

GRAPHIC SCALE 1" = 15'

Revisions

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FROEDTERT SUNSET
 DRIVE CLINIC

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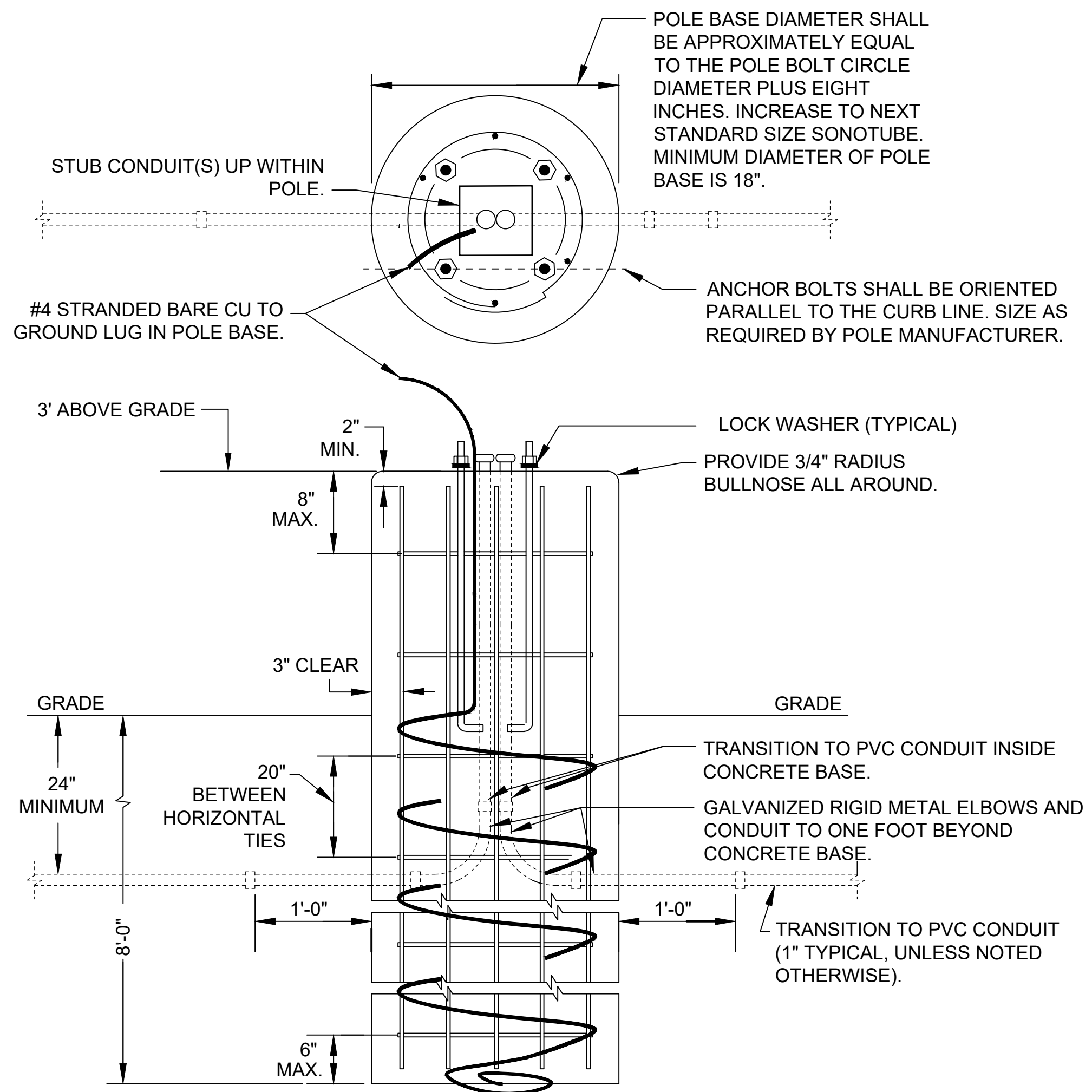
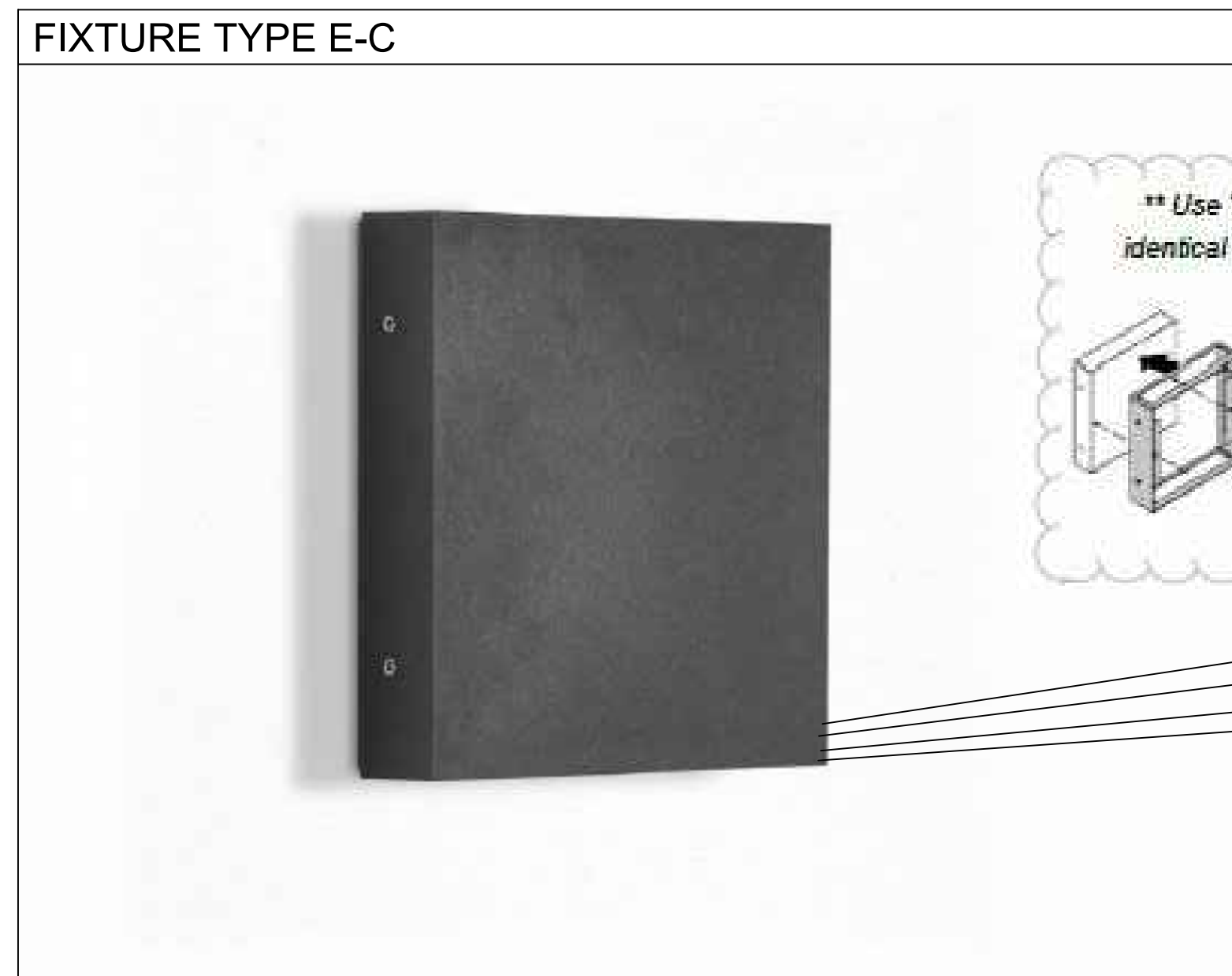
Sheet Title
 SITE PHOTOMETRICS
 PLAN

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 Sheet No.
 E-201



EXTERIOR LIGHTING FIXTURE SCHEDULE

PLAN ID	DESCRIPTION	VOLTAGE	GENERAL FIXTURE CHARACTERISTICS			MOUNTING				LAMP INFORMATION			MANUFACTURER INFORMATION			NOTES
			FINISH	FEATURE	SPECIAL	TYPE	LOC	HEIGHT	BASE	#/FIX	TYPE	WATT	BASE MANUFACTURER	CATALOG NUMBER	ACCEPTABLE ALT. MFR.	
E-A	PUREFORM LED AREA WITH COMFORT OPTICS 26"	UNIVERSAL	BRONZE			POLE	CONC. BASE 3'	20'	18" Ø		LED	52 WATT	GARDCO BY SIGNIFY	P26 140L 1150 NW-G2 AR 3 UNV BZ		
E-B	PUREFORM LED AREA WITH COMFORT OPTICS 26"	UNIVERSAL	BRONZE			POLE	CONC. BASE 3'	20'	18" Ø		LED	75 WATT	GARDCO BY SIGNIFY	P26 140L 1675 NW-G2 AR 5 UNV BZ		
E-C	MIMIK 20 FLAT M WALL LED	UNIVERSAL	CUSTOM COLOR			WALL	COORD. W ARCH	VARIES COORD. W ARCH			LED	13.5 WATT	PERFORMANCE IN LIGHTING	PIL 071178 MIMIK 20 14 120 28		
E-D	PUREFORM LED POST TOP WITH COMFORT OPTICS	UNIVERSAL	BRONZE			POLE	CONC. BASE	12' W	TBD		LED	22 WATT	GARDCO BY SIGNIFY	PPT 140L 450 NW-G2 T3 2 UNV BZ		

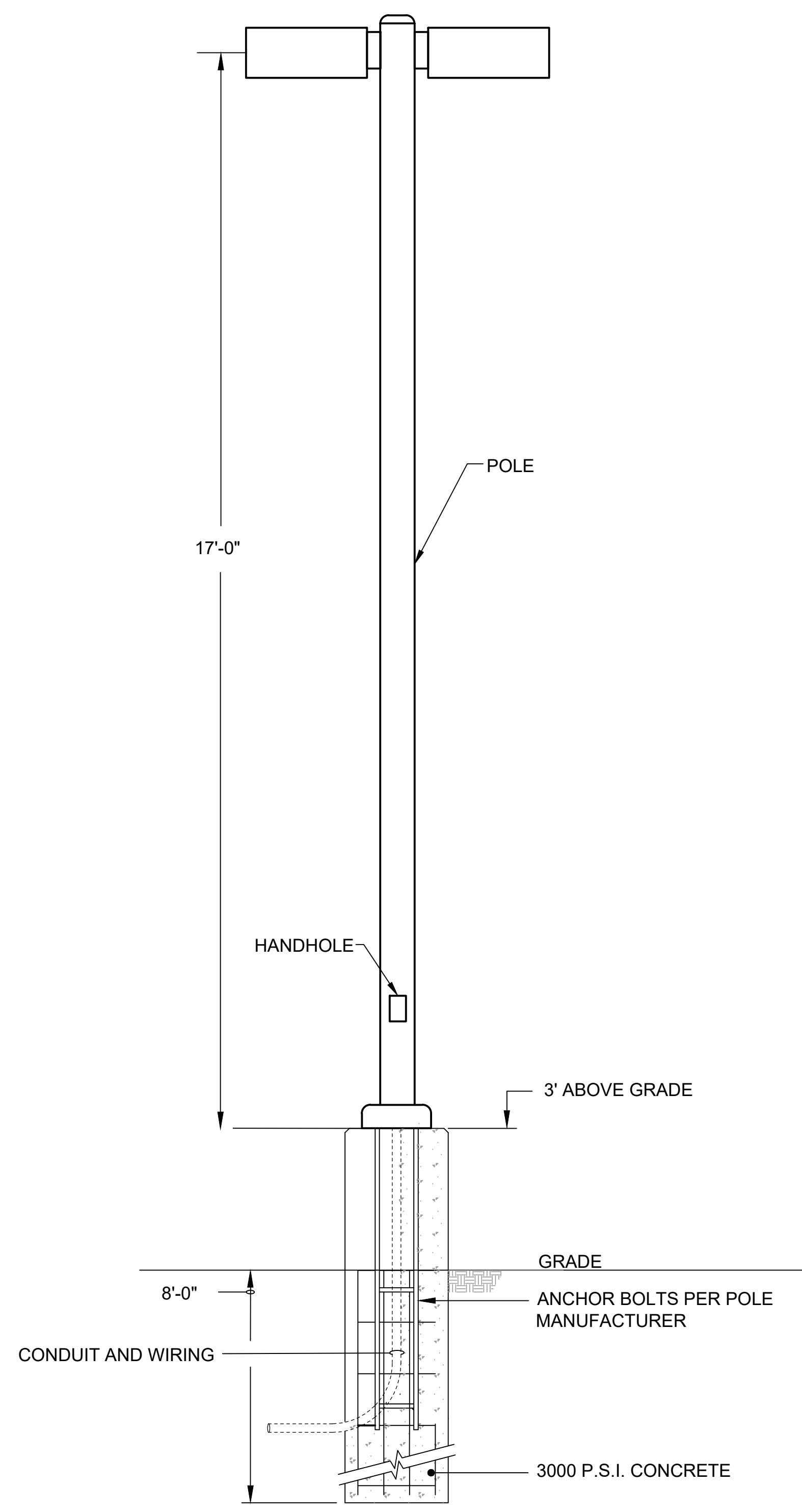


- CONCRETE AND HARDWARE NOTES:**
1. USE ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER. VERIFY BOLT CIRCLE DIAMETER WITH MANUFACTURER.
 2. APPLY "ANTI-SEIZE" LUBRICANT TO ALL ANCHOR BOLT THREADS.
 3. USE #4 REBAR (TYPICAL).
 4. THE EXPOSED SIDES OF THE CONCRETE BASE SHALL HAVE THE FORMS REMOVED AND THE CONCRETE RUBBED OUT TO A SMOOTH FINISH.
 5. THE TOP OF THE CONCRETE BASE SHALL HAVE A BRUSH FINISH.
 6. PROVIDE 3/4" RADIUS BULLNOSE ON TOP EDGE OF CONCRETE.

- CONDUIT AND BOX NOTES:**
1. FOR ROUTING MULTIPLE CONDUITS TO/FROM A POLE CONDUITS SHALL BE STUBBED OUT THE TOP OF THE CONCRETE BASE WITHIN THE POLE DIAMETER.
 2. WHEN USED, JUNCTION BOX SHALL FACE OPPOSITE TRAFFIC AND SNOW PLOWING.
 3. PROVIDE A SPARE CONDUIT STUB AT EACH END-OF-LINE FIXTURE. SEE PLANS FOR ADDITIONAL SPARE STUBS.
 4. PROVIDE A BUSHING ON ALL EXPOSED CONDUIT ENDS.

- CONCRETE ENCASED (UFER) GROUNDING SYSTEM NOTES:**
1. PROVIDE ERICO EK16 DIRECT BURY CLAMP (OR EQUAL) AT TOP OF REBAR CAGE.
 2. PROVIDE 23' OF #4 BARE COPPER STRANDED GROUNDING ELECTRODE CONDUCTOR.
 3. EXTEND 3' OF CONDUCTOR OUT THE TOP OF POLE BASE FOR POLE GROUNDING.
 4. SPIRAL 10' MINIMUM OF CONDUCTOR AROUND OUTSIDE OF REBAR CAGE.
 5. LOOP REMAINING CONDUCTOR AROUND REBAR CAGE AT BOTTOM OF POLE BASE IN CONTACT WITH EARTH.

1 CONCRETE BASE DETAIL
SCALE: NONE



2 LIGHT POLE WITH BASE DETAIL
SCALE: NONE



Revisions

CITY OF WAUKESHA PLAN COMMISSION REVIEW

SCOPE DOCUMENTS

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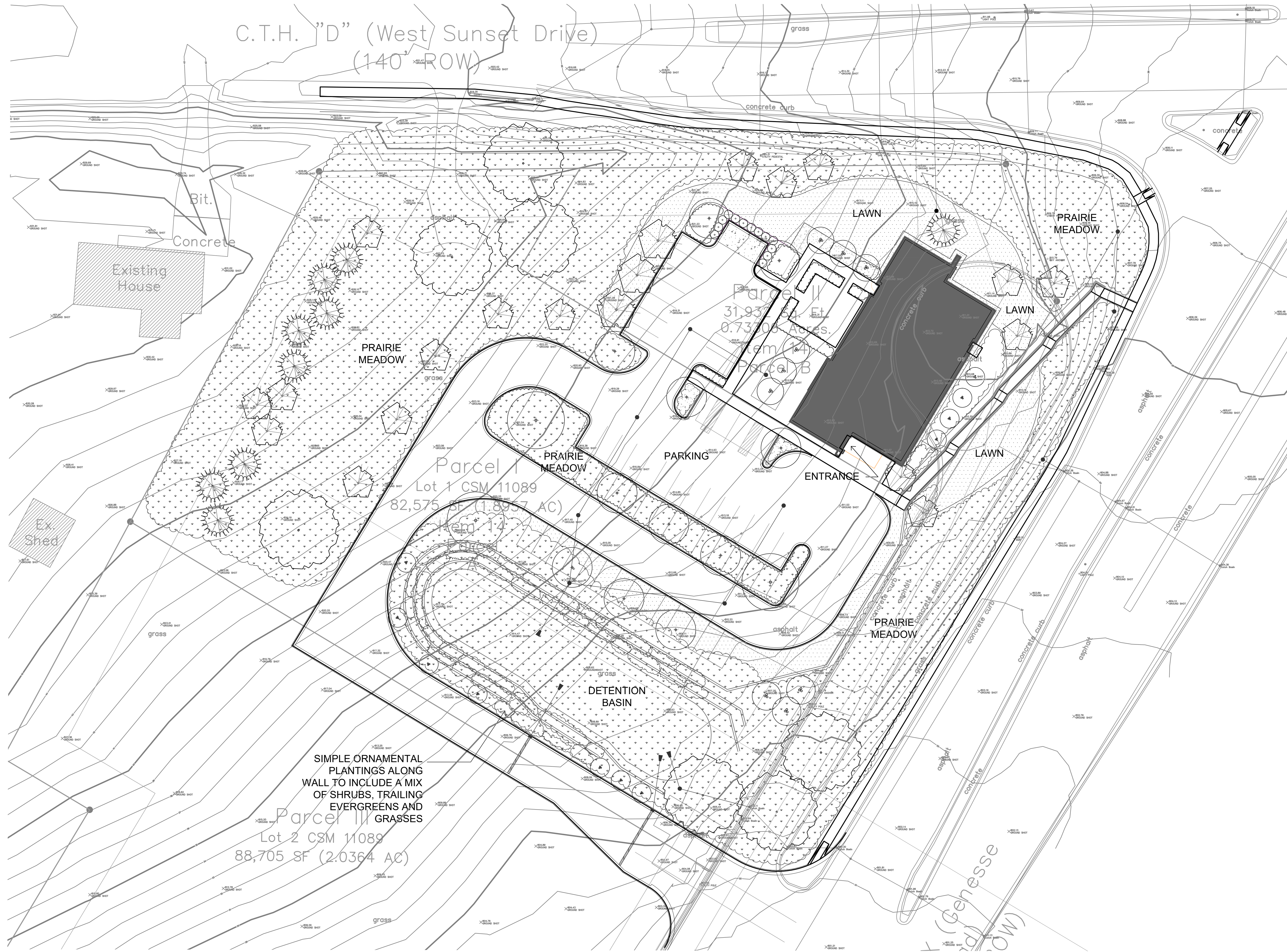
FROEDTERT SUNSET DRIVE CLINIC

Project No. FROEDTERT HEALTH 218082.00

Sheet Title LIGHTING FIXTURES, LIGHTING SCHEDULE, AND DETAILS

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FROEDTERT SUNSET DRIVE CLINIC

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CONCEPTUAL LANDSCAPE PLAN

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