

PROPOSED DEVELOPMENT LA CASA CHARTER SCHOOL SE PARKING LOT 410 ARCADIAN AVE. WAUKESHA, WI



**UIHLEIN
WILSON**
ARCHITECTS

322 East Michigan Street
Milwaukee, WI 53202

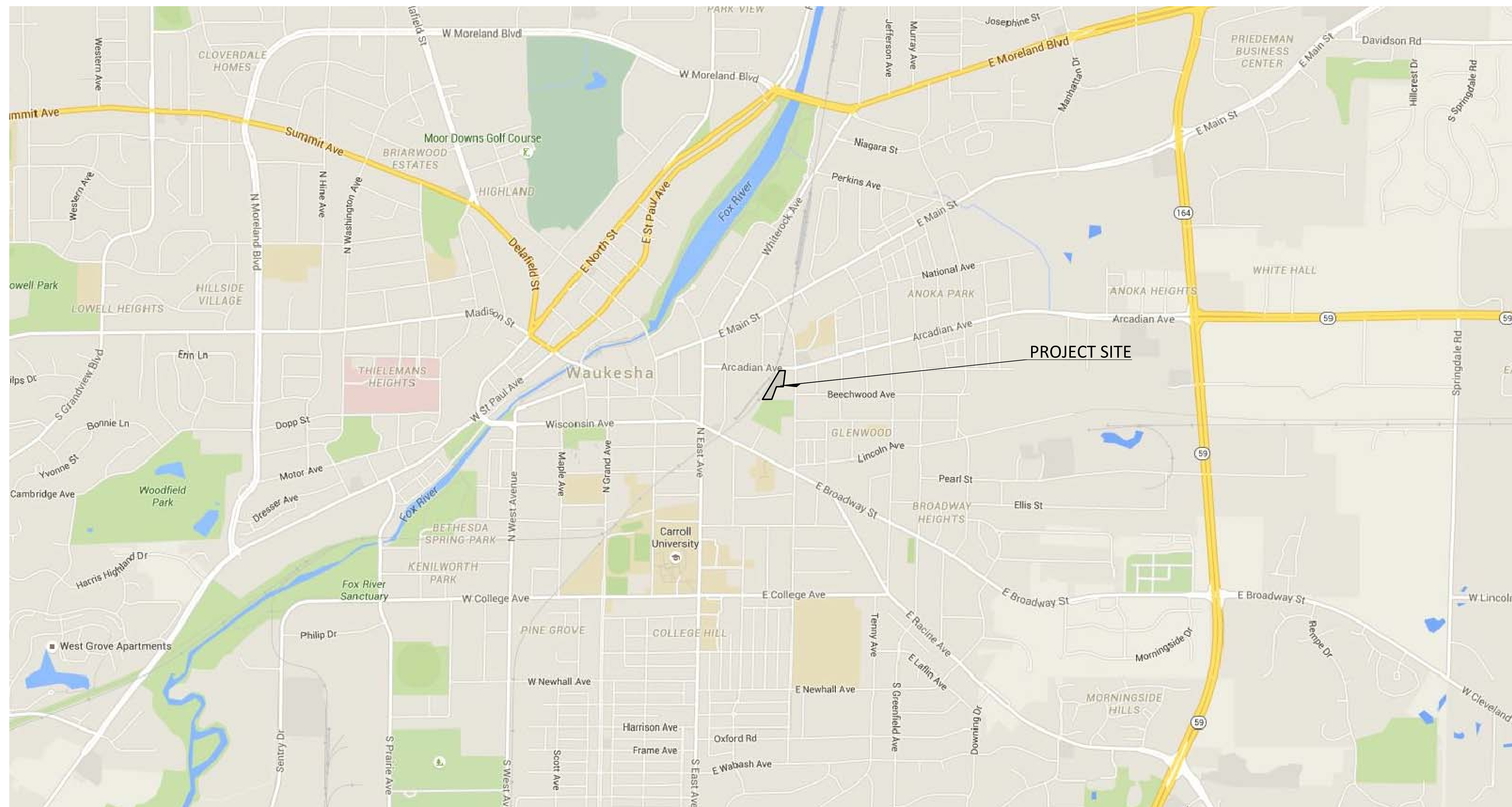
telephone | 414.271.8899
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REVISIONS		
No.	Date	Description

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VICINITY MAP
N.T.S.

PROJECT NAME:	LA CASA CHARTER SCHOOL SE PARKING LOT
PARCEL TAX I.D.#	WAKC 1302.340.005
CLIENT:	LA CASA DE ESPERANZA, INC. 410 ARCADIAN AVE. WAUKESHA, WI 53186 (262) 547-0887, PHONE
ENGINEER OF RECORD:	KAPUR & ASSOCIATES 7711 N. PORT WASHINGTON RD. MILWAUKEE, WI 53217 (414) 351-6668, PHONE (414) 351-4117, FAX
SURVEYOR OF RECORD:	JAHNKE & JAHNKE ASSOCIATES 711 W. MORELAND BLVD. WAUKESHA, WI 53188 (262) 542-5797, PHONE (262) 542-7698, FAX

PROJECT DATA



KAPUR & ASSOCIATES, INC.
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www.kapurengineers.com

**PRELIMINARY
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PROJECT
**LA CASA
CHARTER
SCHOOL - SE
PARKING LOT**
410 ARCADIAN AVE
WAUKESHA, WI 53186

SHEET
TITLE SHEET

DATE
04-15-2016

PROJECT NO.
160080.01

SHEET NO.

C100



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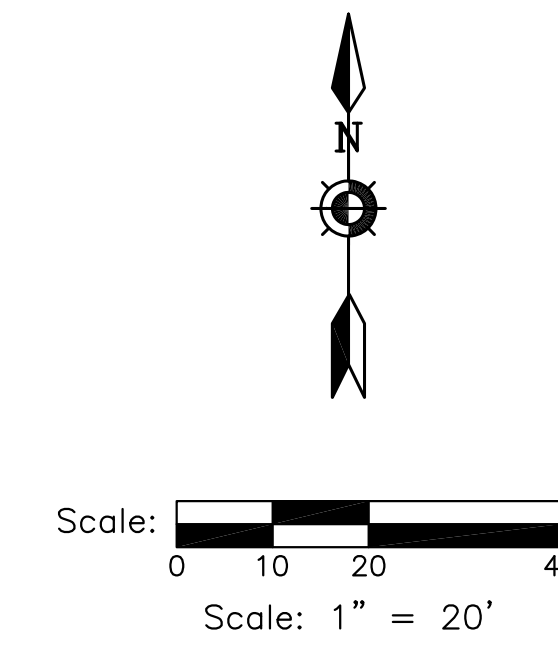
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NORTH HARTWELL AVENUE
63' R.O.W.



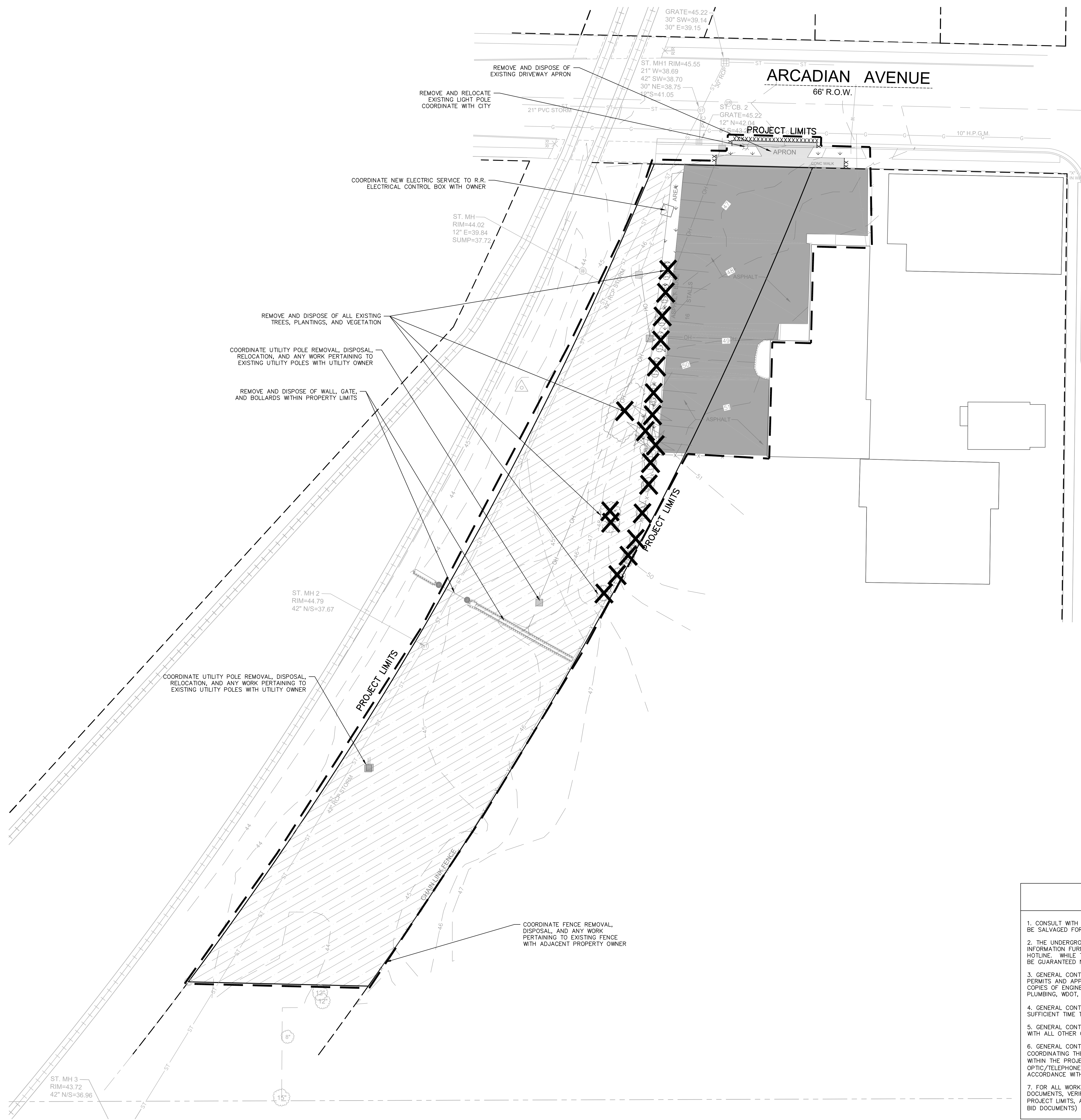
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DEMOLITION LEGEND

- VEGETATION TO BE REMOVED AND DISPOSED OF OFFSITE. IF SUITABLE FOR REUSE, TOPSOIL TO BE STOCKPILED, UNUSED AND UNSUITABLE TOPSOIL TO BE REMOVED OFFSITE. TOPSOIL THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT OR FIELD VERIFY DEPTH IF GEOTECHNICAL REPORT NOT AVAILABLE.
- ASPHALT PAVEMENT AND BASE MATERIAL TO BE REMOVED TO SUB-BASE AND DISPOSED OF OFFSITE. PAVEMENT AND BASE THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT.
- CONCRETE AND BASE MATERIAL TO BE REMOVED TO SUB-BASE AND DISPOSED OF OFFSITE. CONCRETE AND BASE THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT.
- GRAVEL MATERIAL TO BE REMOVED AND DISPOSED OF OFFSITE. IF SUITABLE FOR REUSE, GRAVEL TO BE STOCKPILED, UNUSED GRAVEL MATERIAL TO BE REMOVED OFFSITE. GRAVEL THICKNESS MAY VARY.
- SAWCUT FULL DEPTH
- CLEAR AND GRUB TREES AND VEGETATION. REMOVE ROOTS AND STUMPS AND DISPOSE OF OFFSITE.
- DENOTES UTILITIES TO BE ABANDONED AND REMOVED.
- KNOWN UTILITY AND POTENTIAL CONFLICT EXIST

DEMOLITION NOTES

1. CONSULT WITH OWNER TO DETERMINE A SAFE STORAGE LOCATION OF ITEMS SPECIFICALLY CALLED OUT TO BE SALVAGED FOR OWNER REUSE. EXERCISE CARE DURING REMOVAL AND TRANSPORT TO PREVENT DAMAGE.
2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDNR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.



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PROJECT
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WAUKESHA, WI 53186

SHEET

SITE DEMOLITION PLAN

DATE
04-15-2016

PROJECT NO.
160080.01

SHEET NO.

C101



UIHLEIN WILSON ARCHITECTS

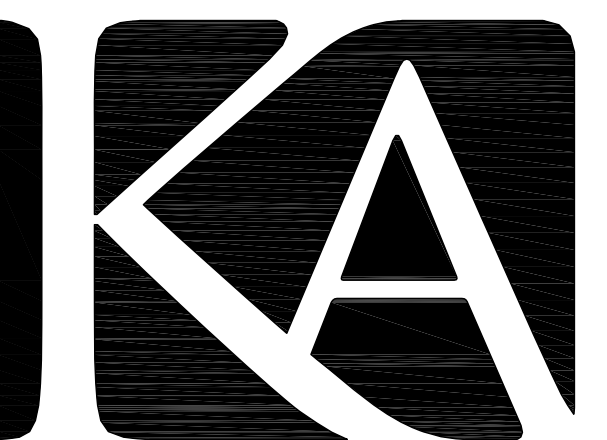
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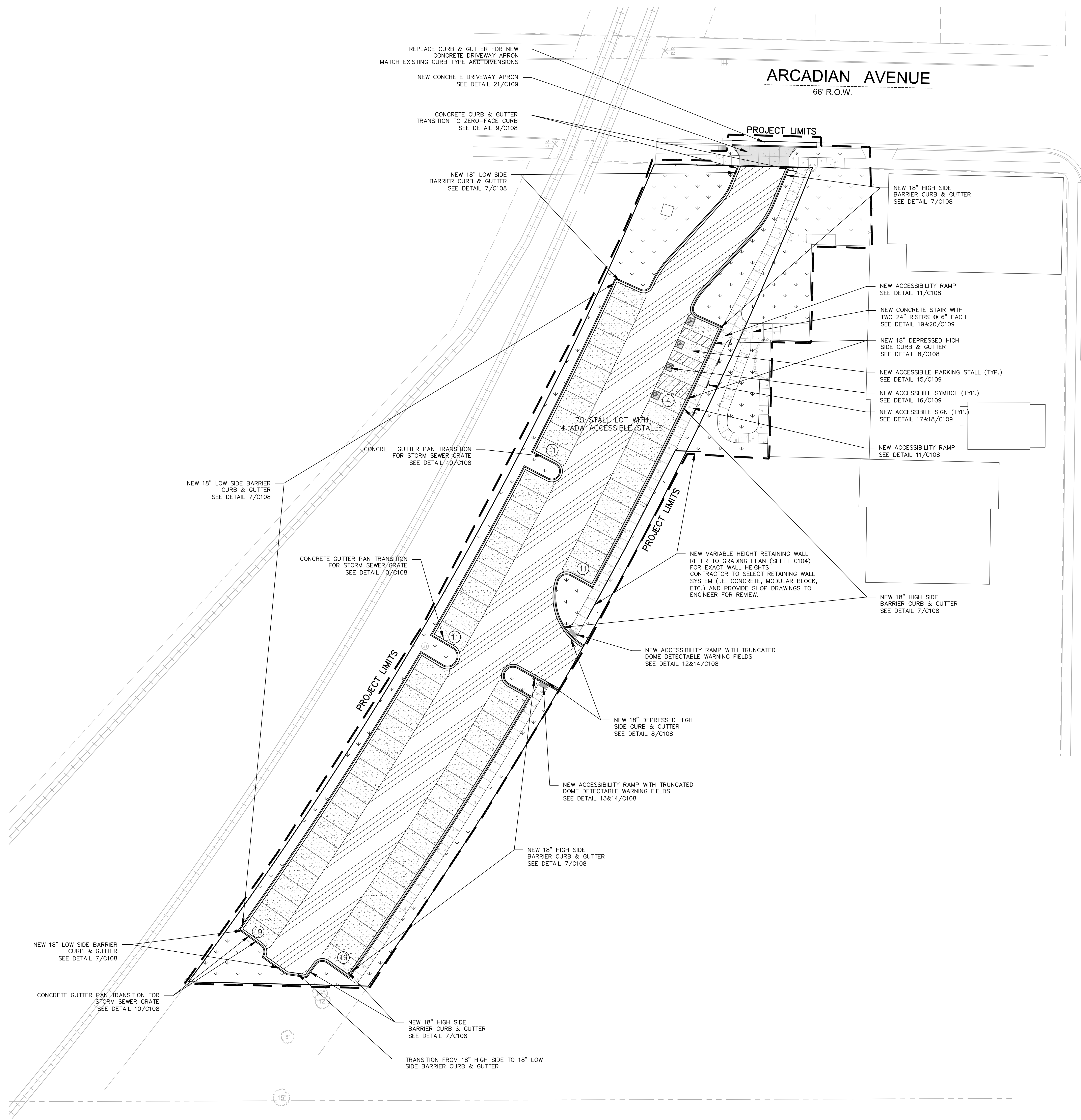
SITE PLAN

DATE
04-15-2016

PROJECT NO.
160080.01

SHEET NO.

C102



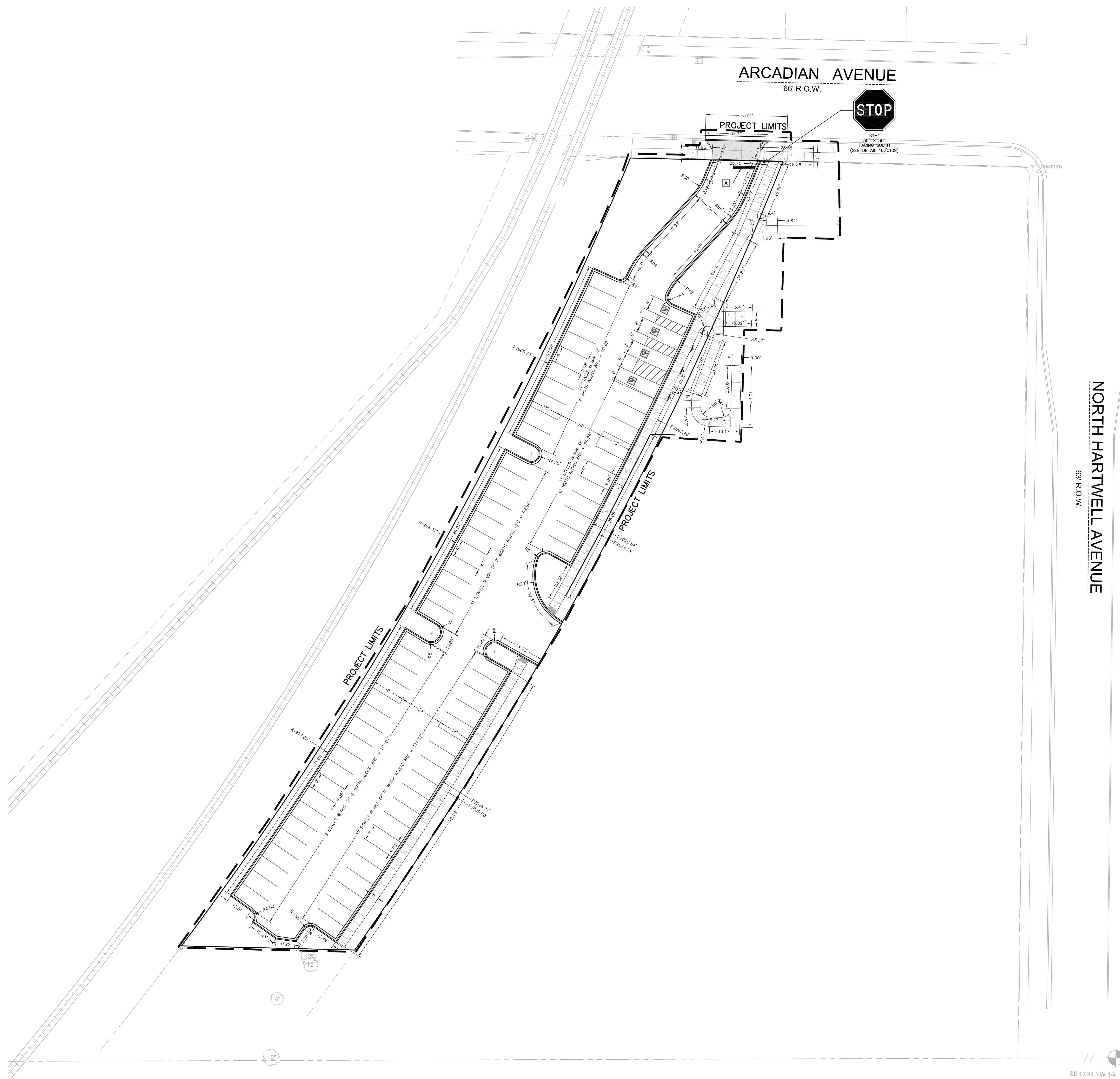
NORTH HARTWELL AVENUE
63' R.O.W.



Scale: 0 10 20 40
Scale: 1" = 20'

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HATCH LEGEND	
	AREAS DISTURBED BY CONSTRUCTION (NOT SPECIFICALLY CALLED OUT ON THE LANDSCAPE PLANS) TO BE RESTORED WITH MINIMUM 4" TOPSOIL, SEED, FERTILIZER, AND MULCH (TYP). USE SALVAGED TOPSOIL OR IMPORT TOPSOIL IF REQUIRED.
	NEW ASPHALTIC CONCRETE (LIGHT DUTY) SEE DETAIL 4/C108
	NEW ASPHALTIC CONCRETE (HEAVY DUTY) SEE DETAIL 5/C108
	NEW CONCRETE SLAB SEE DETAIL 5/C108
	NEW HEAVY DUTY CONCRETE SLAB SEE DETAIL 5/C108
	NEW HIGH-SIDE CURB & GUTTER SEE DETAIL 7/C108
	NEW LOW-SIDE CURB & GUTTER SEE DETAIL 7/C108



NORTH HARTWELL AVENUE
63' R.O.W.

SE COR NW 1/4



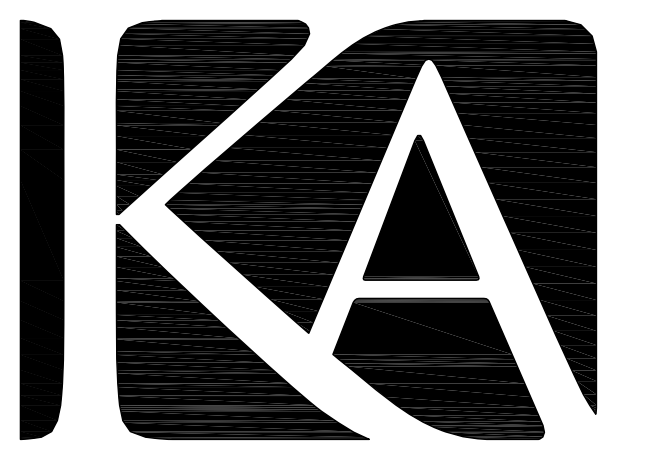
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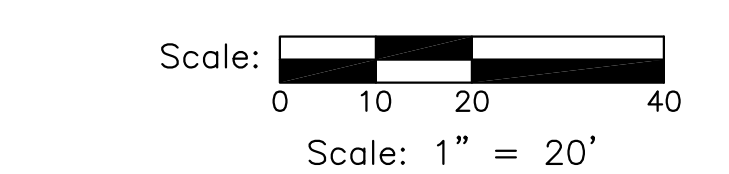
SHEET
**SITE GEOMETRIC
PLAN**

DATE
04-15-2016

PROJECT NO.
160080.01

SHEET NO.

C103



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PAVEMENT MARKING LEGEND

A	PAVEMENT MARKING STOP LINE, LATEX PAVEMENT MARKING PAINT, WHITE (SEE WDOT PAVEMENT MARKING S.D.D.)
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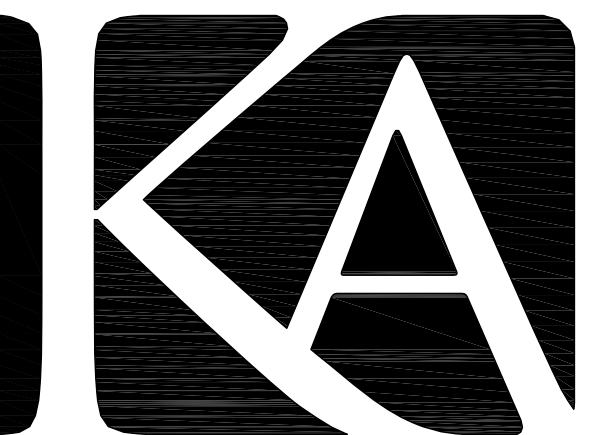
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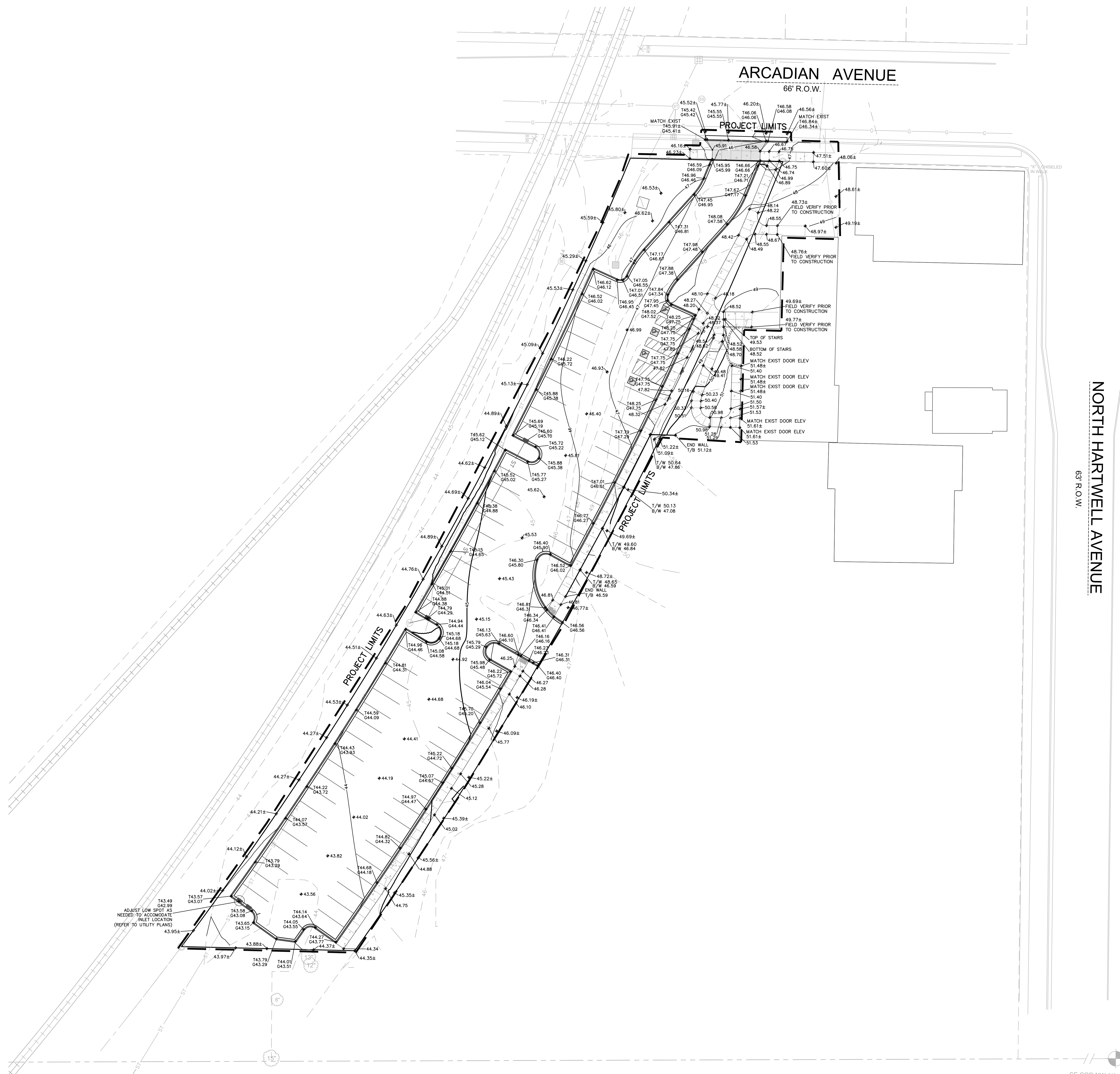
**SITE GRADING
PLAN**

DATE
04-15-2016

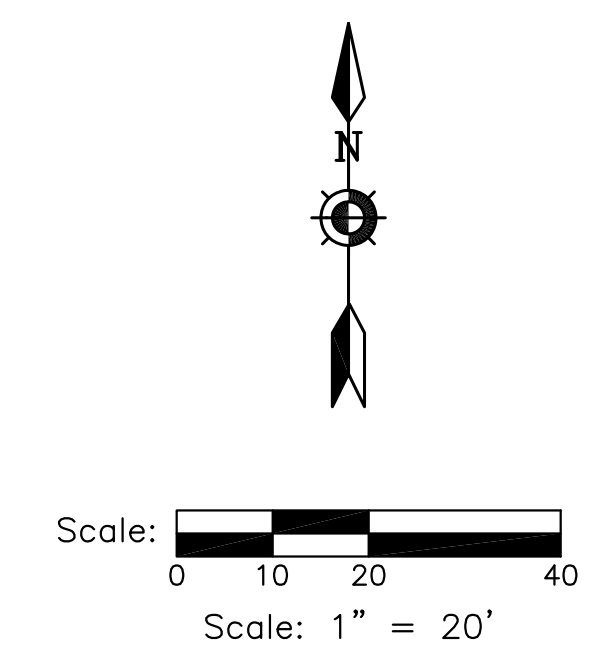
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NORTH HARTWELL AVENUE
63' R.O.W.



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GRADING LEGEND

---	4.3	---	EXISTING CONTOUR MINOR
---	4.5	---	EXISTING CONTOUR MAJOR
---	4.3	---	PROPOSED CONTOUR MINOR
---	4.5	---	PROPOSED CONTOUR MAJOR
◆	44.19		PROPOSED SPOT GRADE
◆	T46.50		PROPOSED TOP OF CURB
◆	G46.00		PROPOSED BOTTOM OF CURB
◆	T/W 50.44		PROPOSED TOP OF WALL
◆	B/W 47.22		PROPOSED BOTTOM OF WALL

SE COR NW 1/4



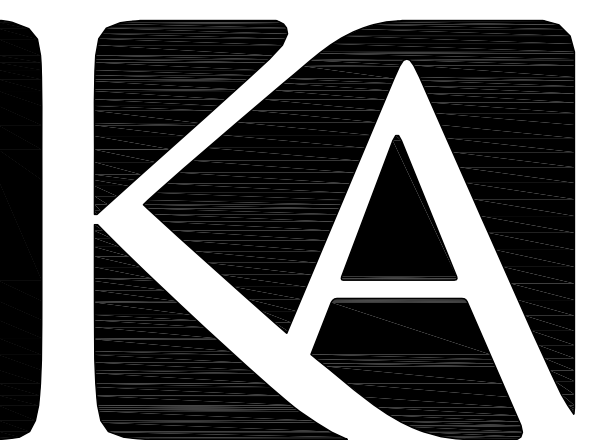
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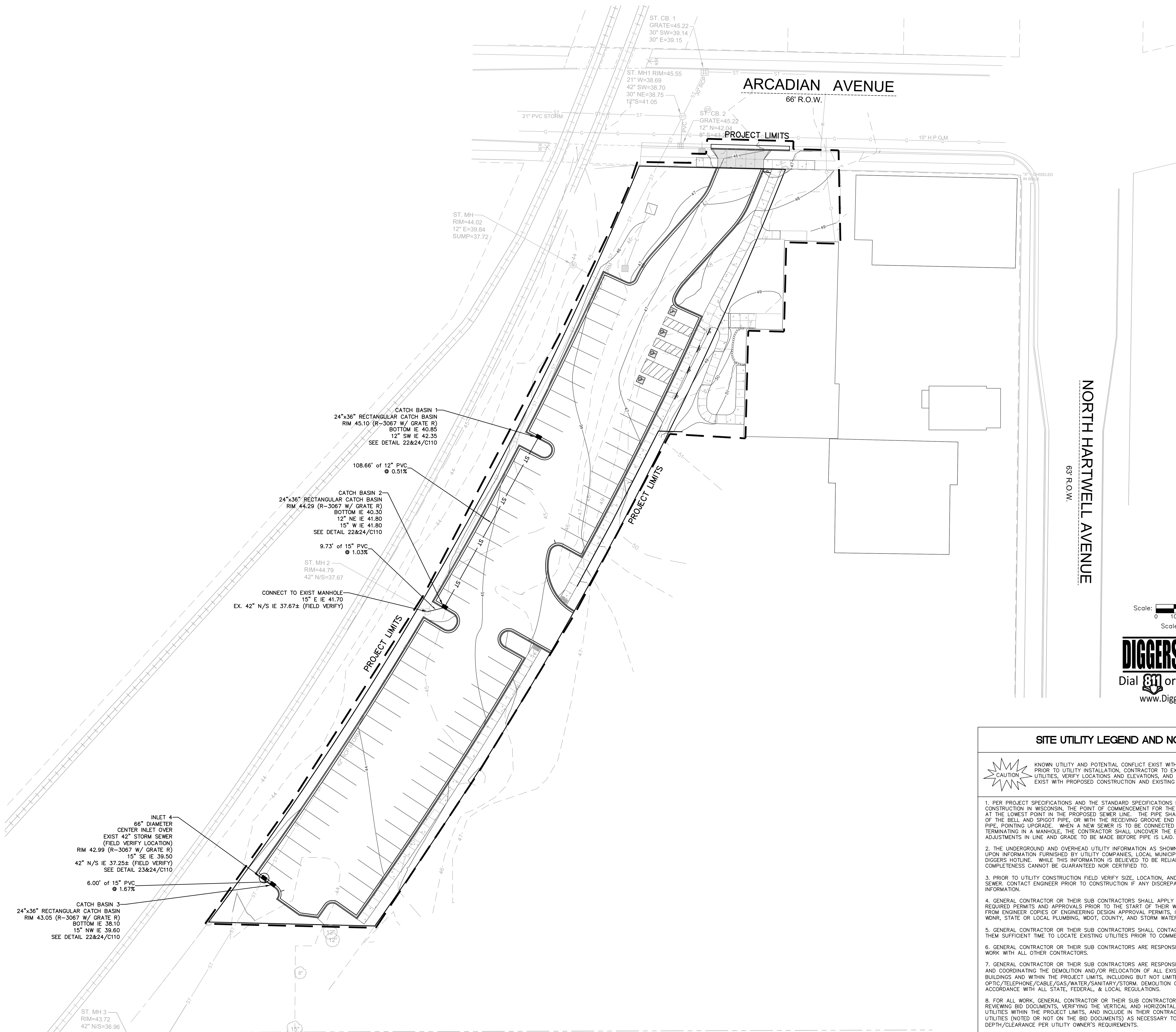
SHEET
SITE UTILITY PLAN

DATE
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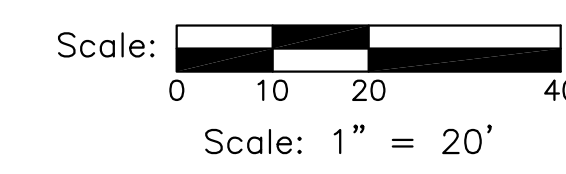
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SITE UTILITY LEGEND AND NOTES

CAUTION KNOWN UTILITY AND POTENTIAL CONFLICT EXIST WITH EXISTING UNDERGROUND UTILITIES. PRIOR TO UTILITY INSTALLATION, CONTRACTOR TO EXCAVATE AND EXPOSE EXISTING UTILITIES, VERIFY LOCATIONS AND ELEVATIONS, AND CONTACT ENGINEER IF CONFLICTS EXIST WITH PROPOSED CONSTRUCTION AND EXISTING UNDERGROUND UTILITIES.

- PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELL END OF THE BELL AND SPIGOT PIPE, OR WITH THE RECEIVING GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPGRADE. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.
- THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
- PRIOR TO UTILITY CONSTRUCTION FIELD VERIFY SIZE, LOCATION, AND DEPTH OF EXISTING 42" STORM SEWER, CONTACT ENGINEER PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES EXIST FROM PLAN INFORMATION.
- GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDMR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
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- GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
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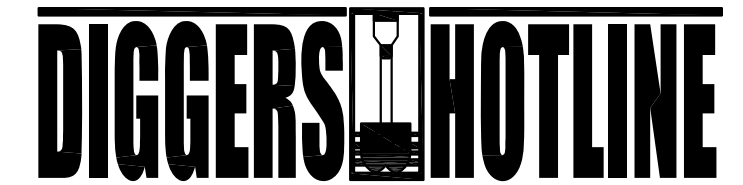
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Scale: 1" = 20'



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POINTS OF CONTACT

LAND OWNER:
DR. WAYNE ANDERSON, SUPERINTENDENT
SCHOOL DISTRICT OF WILLIAMS BAY
139 CONGRESS STREET
WILLIAMS BAY, WI 53191
PHONE: (262) 245-1575

PROJECT ENGINEER:
THOMAS PEREZ, P.E.
KAPUR & ASSOCIATES, INC.
7711 NORTH PORT WASHINGTON ROAD
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PHONE: (414) 351-6668

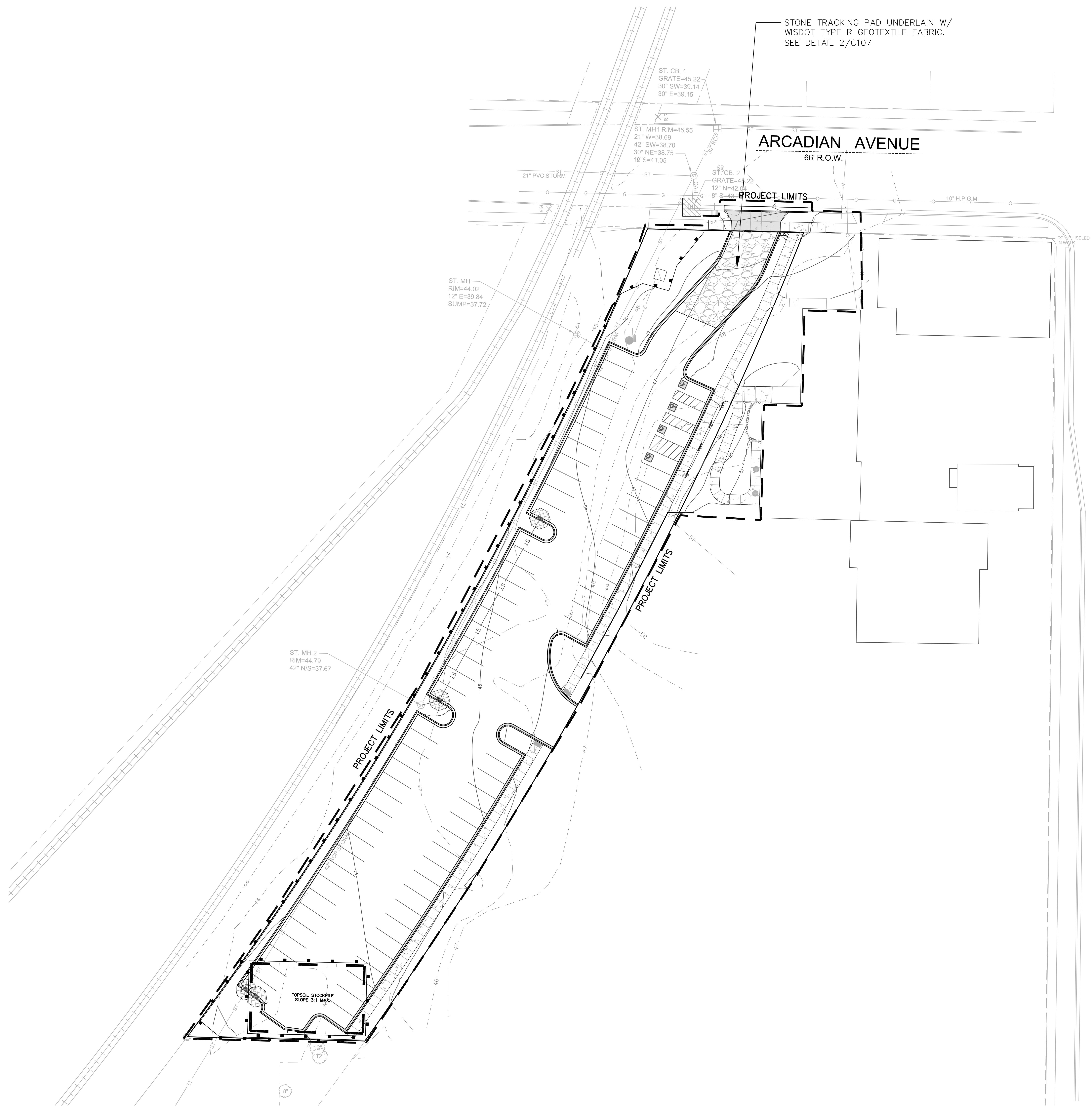
CONSTRUCTION MANAGER:
T.B.D.

EROSION CONTROL LEGEND

- FILTER FABRIC FENCE
SEE DETAIL 1/C107
 - DESIGNATES PROPOSED INLETS THAT MUST BE PROTECTED AFTER THEY HAVE BEEN CONSTRUCTED.
SEE DETAIL 4/C107
 - DESIGNATES EXISTING INLETS THAT MUST BE PROTECTED
SEE DETAIL 4/C107
 - INSTALL EROSION MAT ON ALL SLOPES GREATER THAN 4:1 AND ALL DRAINAGE SWALES
- USE CLASS I, TYPE A FROM WISDOT PRODUCT APPROVED LIST FOR ALL SIDE SLOPES
- USE CLASS II, TYPE B FOR ALL DRAINAGE SWALES. INSTALL EROSION MAT ON THE BOTTOM OF AND A MINIMUM OF 2 FEET VERTICALLY UP THE SIDE SLOPES OF ALL DRAINAGE SWALES. CLASS I, TYPE A MAY BE USED FOR THE REMAINDER OF THE SIDE SLOPES IN DRAINAGE SWALES EXCEEDING 2 FEET VERTICALLY.

INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 0.50 INCH OR GREATER. IN ADDITION THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK. THE DAILY LOG BOOK, WEEKLY / 0.50 INCH PRECIPITATION REPORTS, APPROVED PLANS AND MPDES PERMIT SHALL BE KEPT IN AN ACCESSIBLE LOCATION, LIKE A MAILBOX, WITHIN THE STAGING AREA.

*1. ABSOLUTELY NO TIME MARY CONSTRUCTION EQUIPMENT, DEBRIS, FILL, ETC. BE PLACED WITHIN WETLANDS, WATERWAYS OR FLOOD PLAINS UNLESS IDENTIFIED IN THE PLANS.



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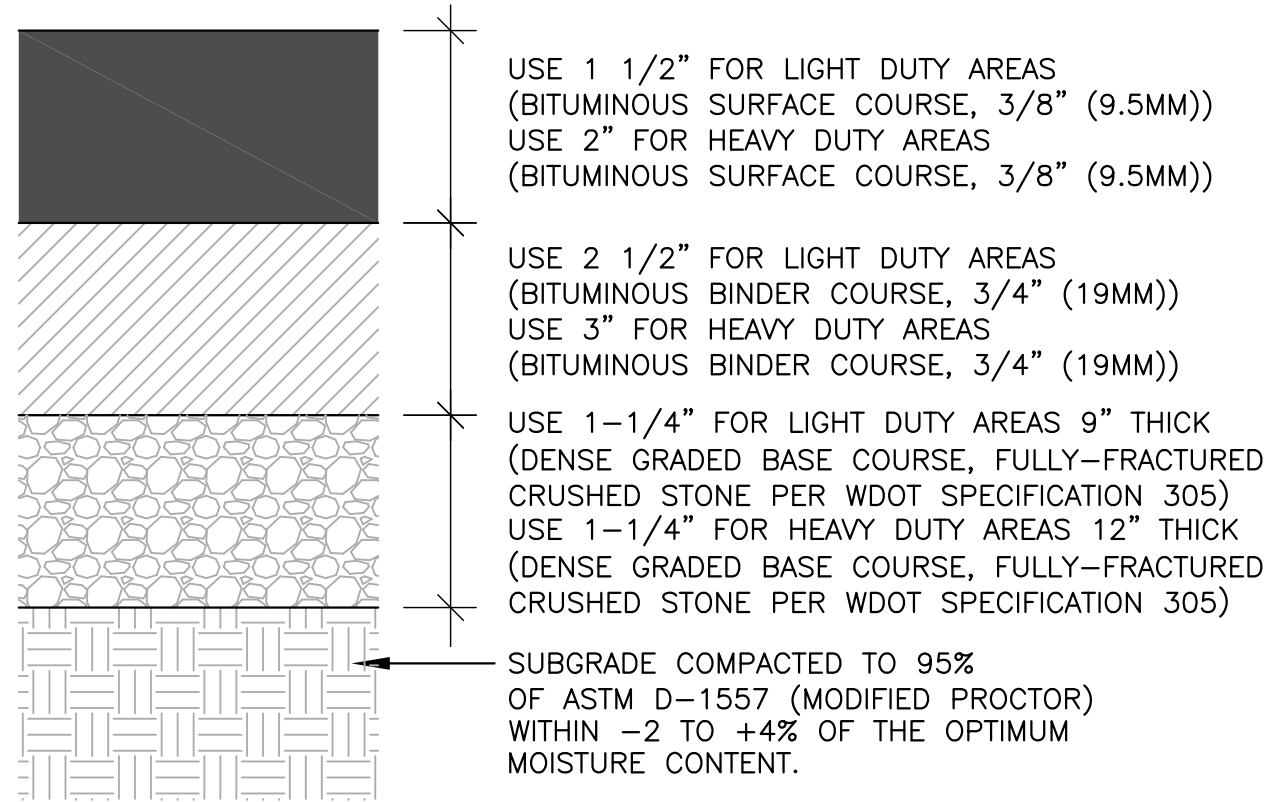
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SHEET
**SITE EROSION
CONTROL PLAN**

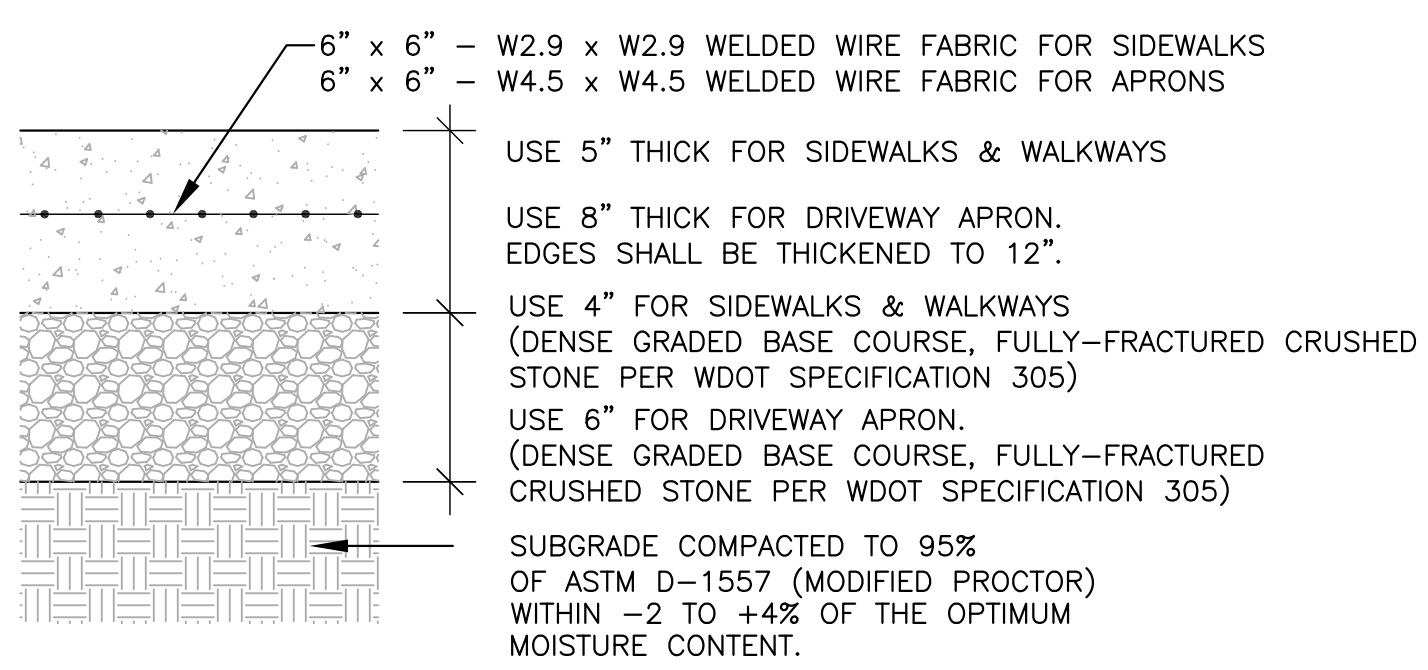
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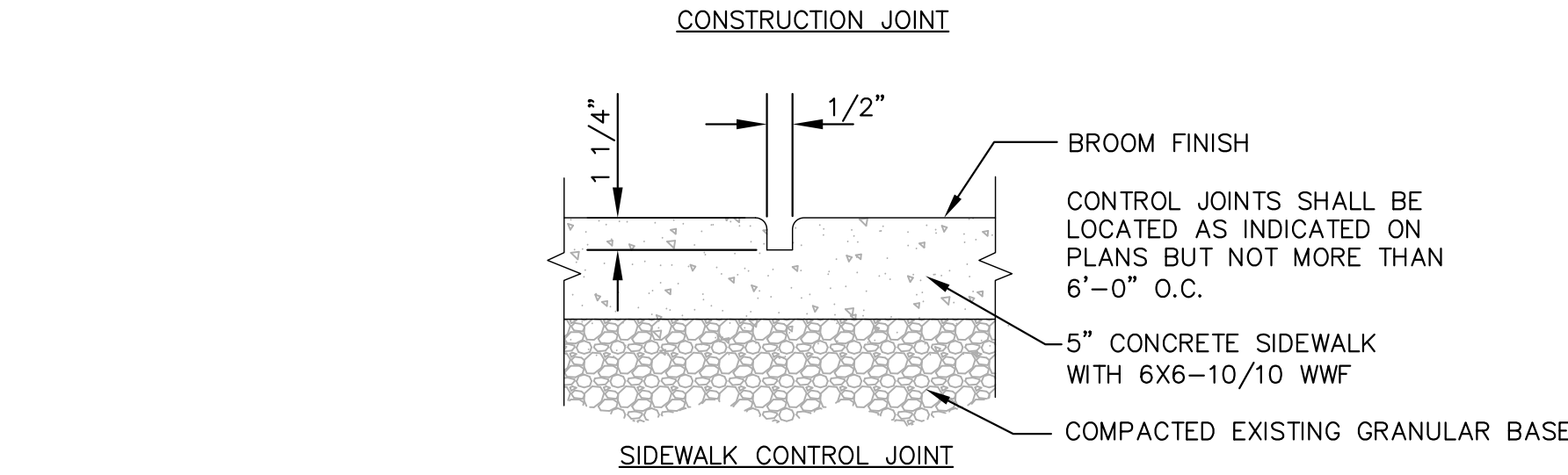
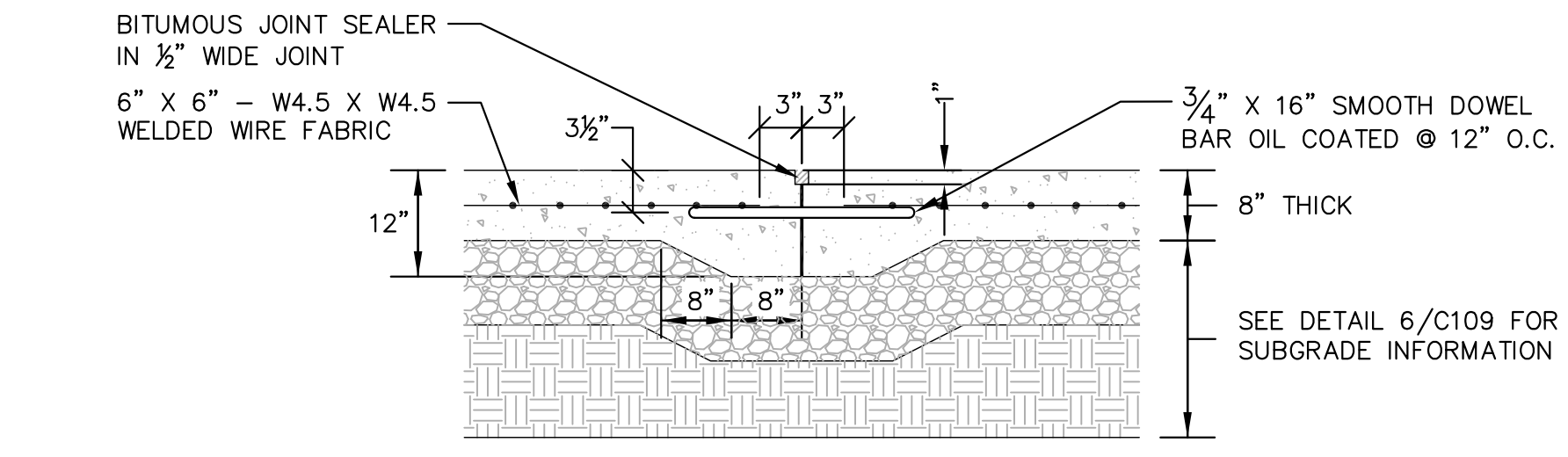
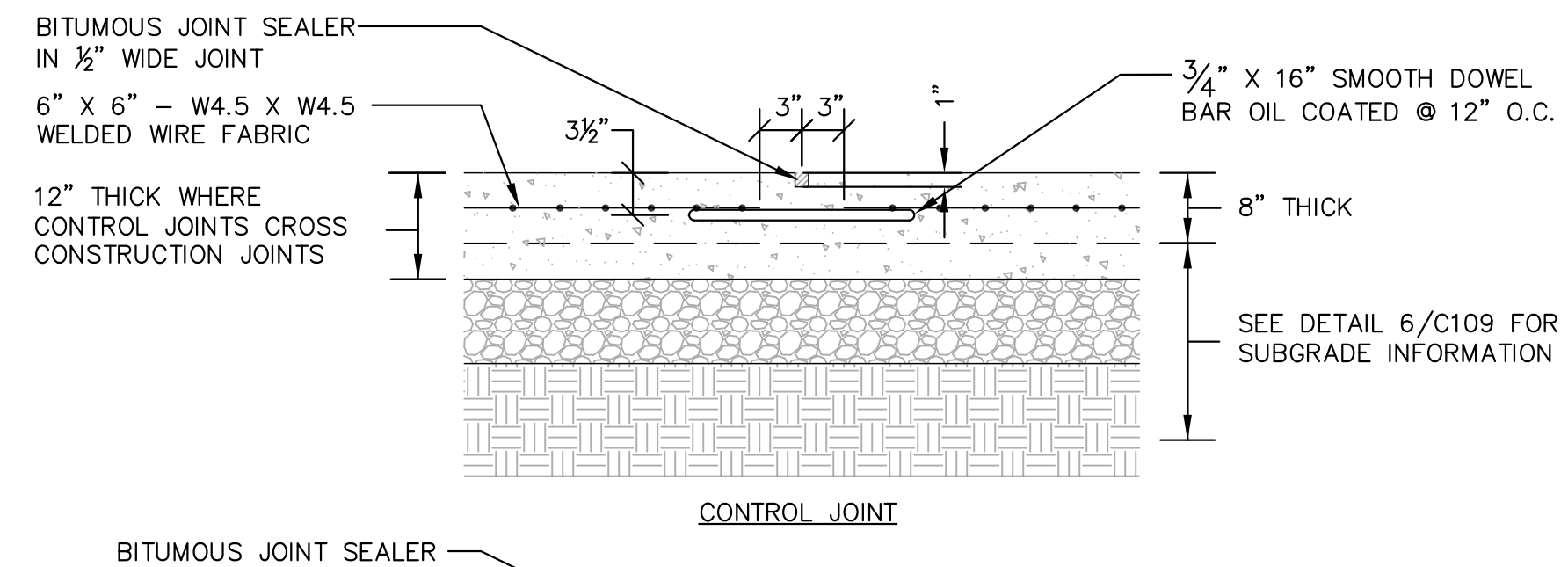
SHEET NO.
C106



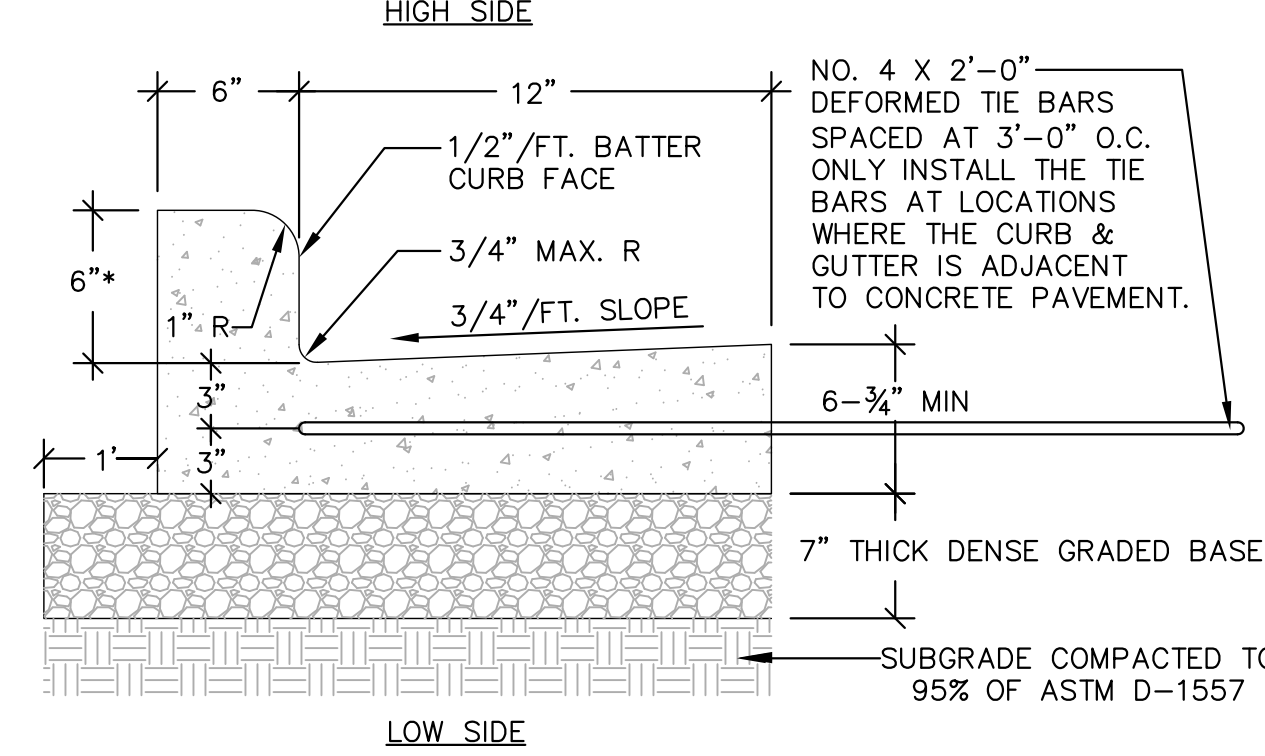
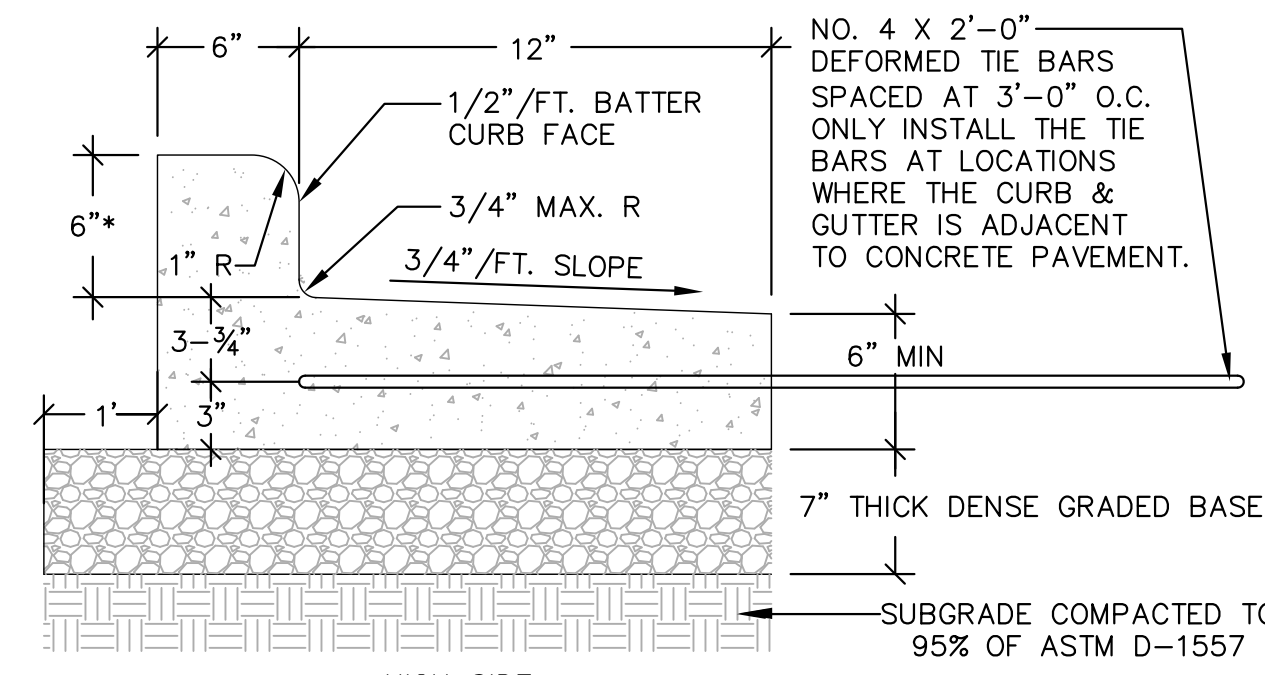
4 ASPHALTIC CONCRETE PAVEMENT
N.T.S.



5 CONCRETE SIDEWALK/SLAB
N.T.S.

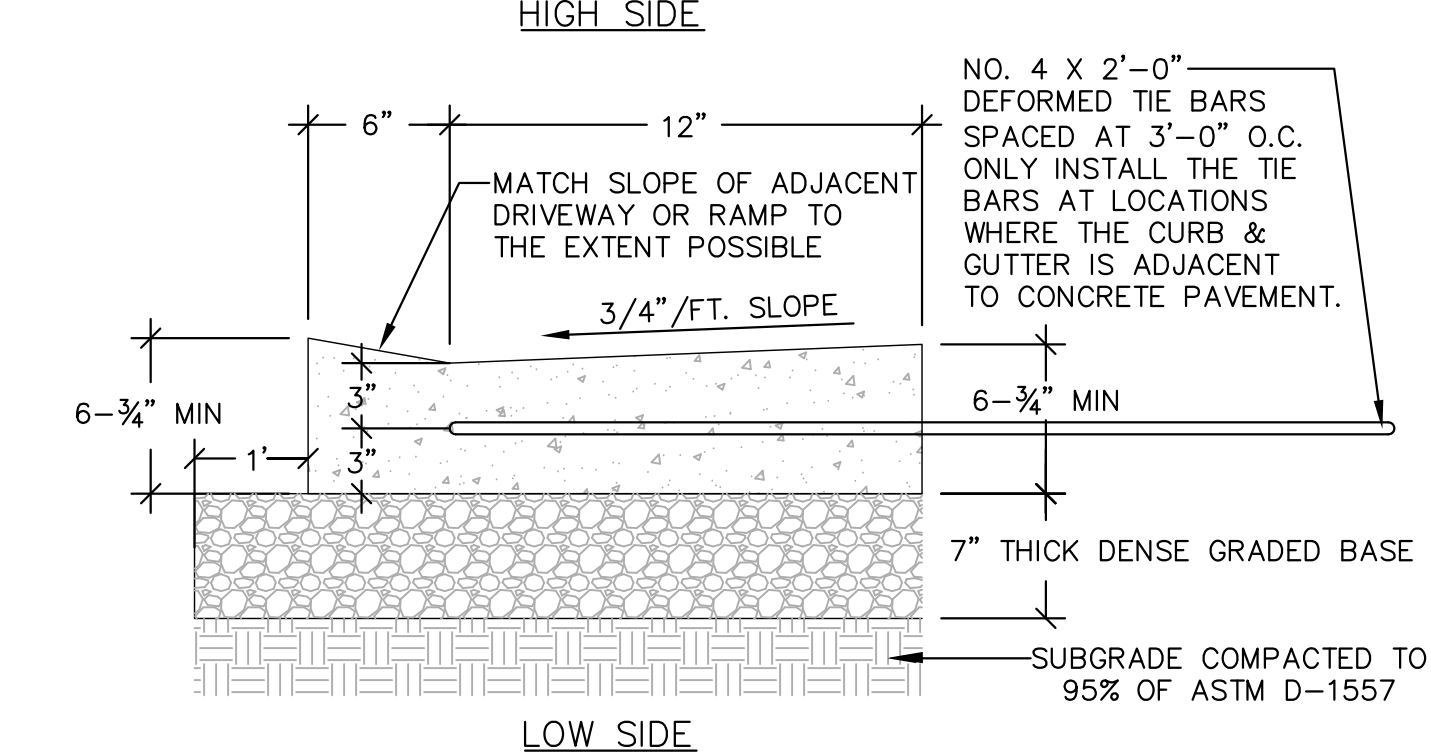
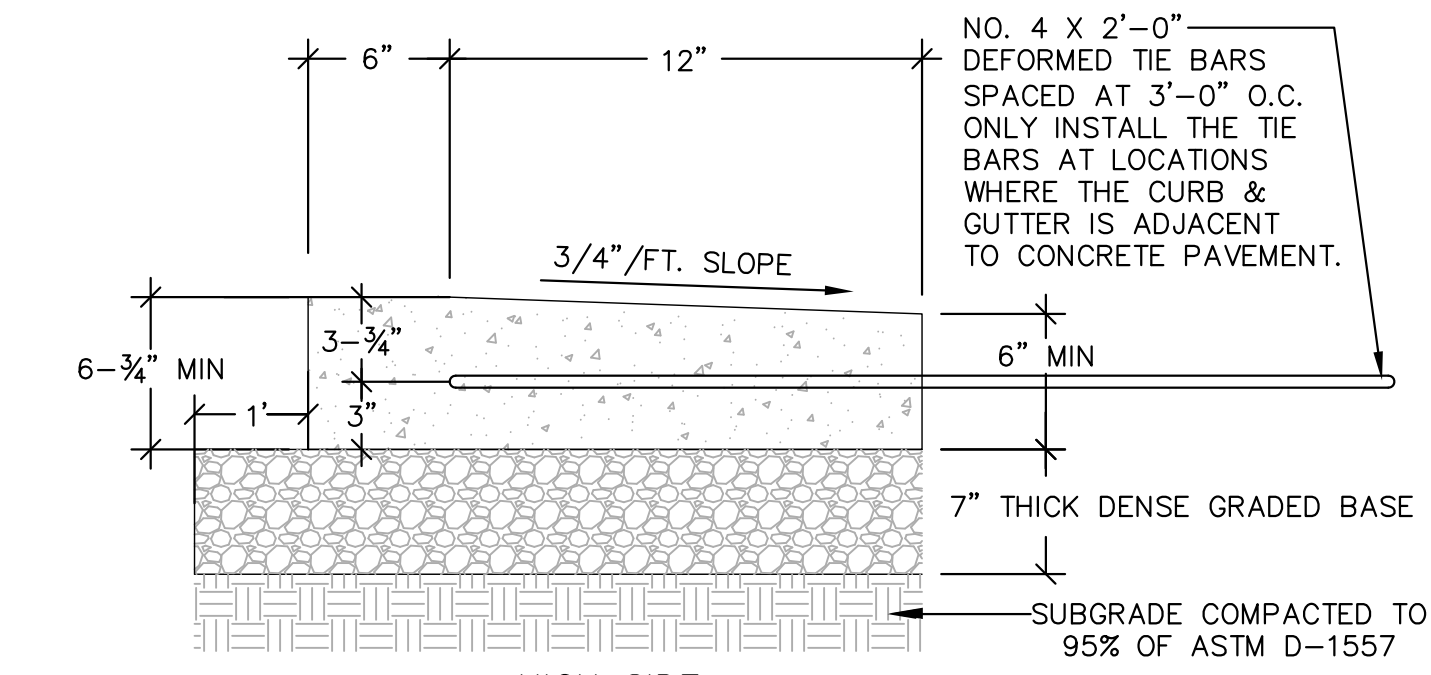


6 CONTROL & CONSTRUCTION JOINT DETAILS (TYP.)
N.T.S.

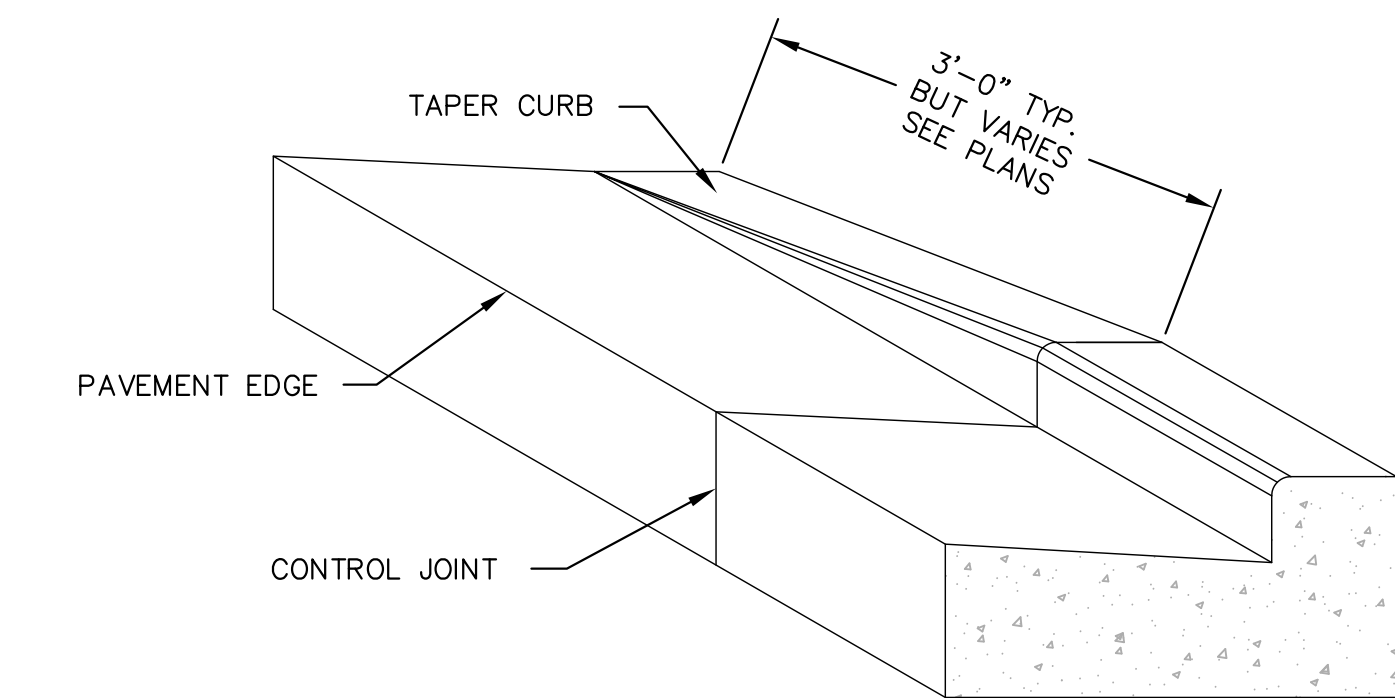


*CURB HEIGHT MAY VARY. SEE SITE GRADING PLAN FOR EXACT CURB HEIGHTS. CONTACT ENGINEER WITH ANY QUESTIONS THAT ARISE.

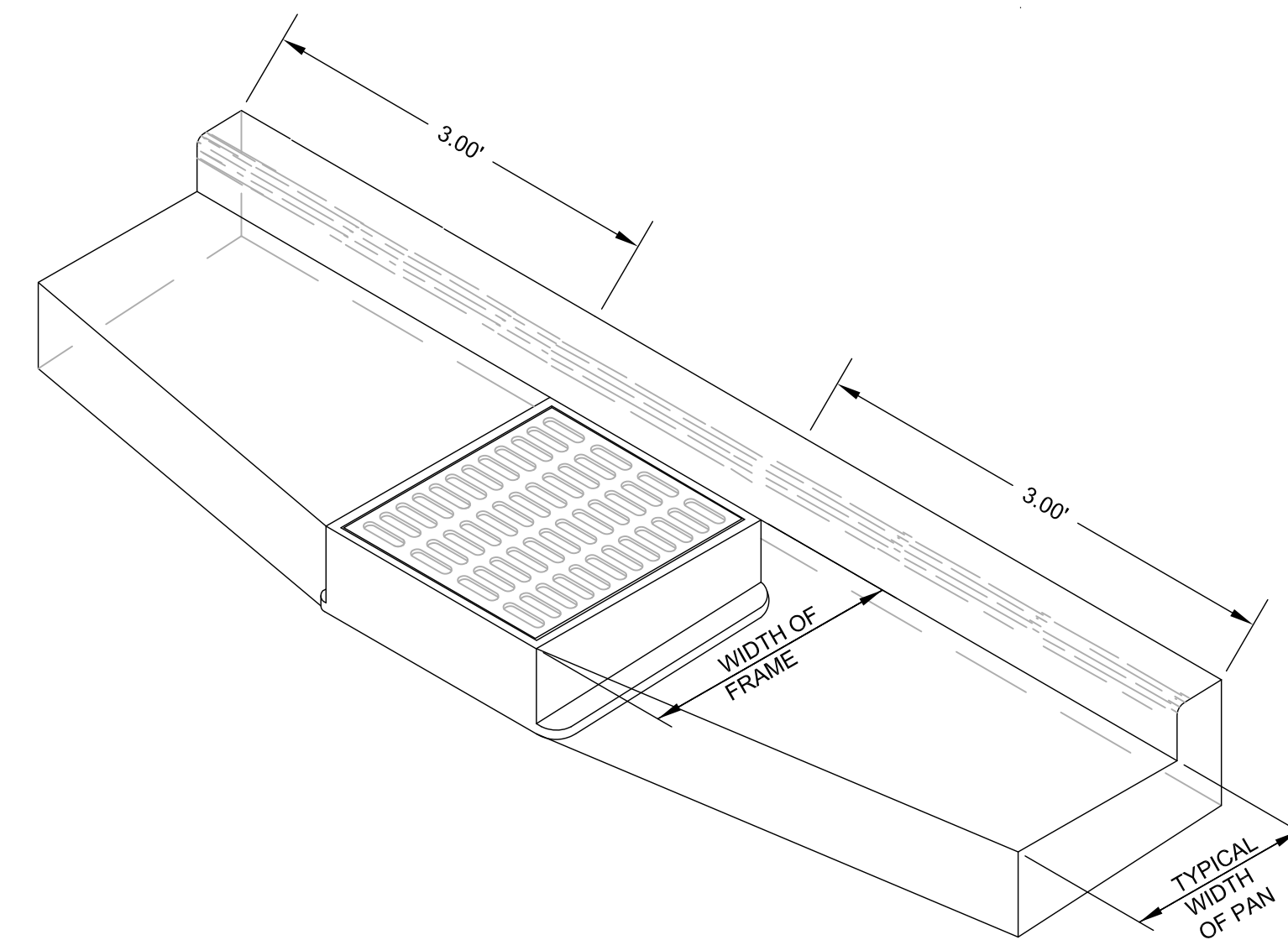
7 18-INCH BARRIER CONCRETE CURB & GUTTER
N.T.S.



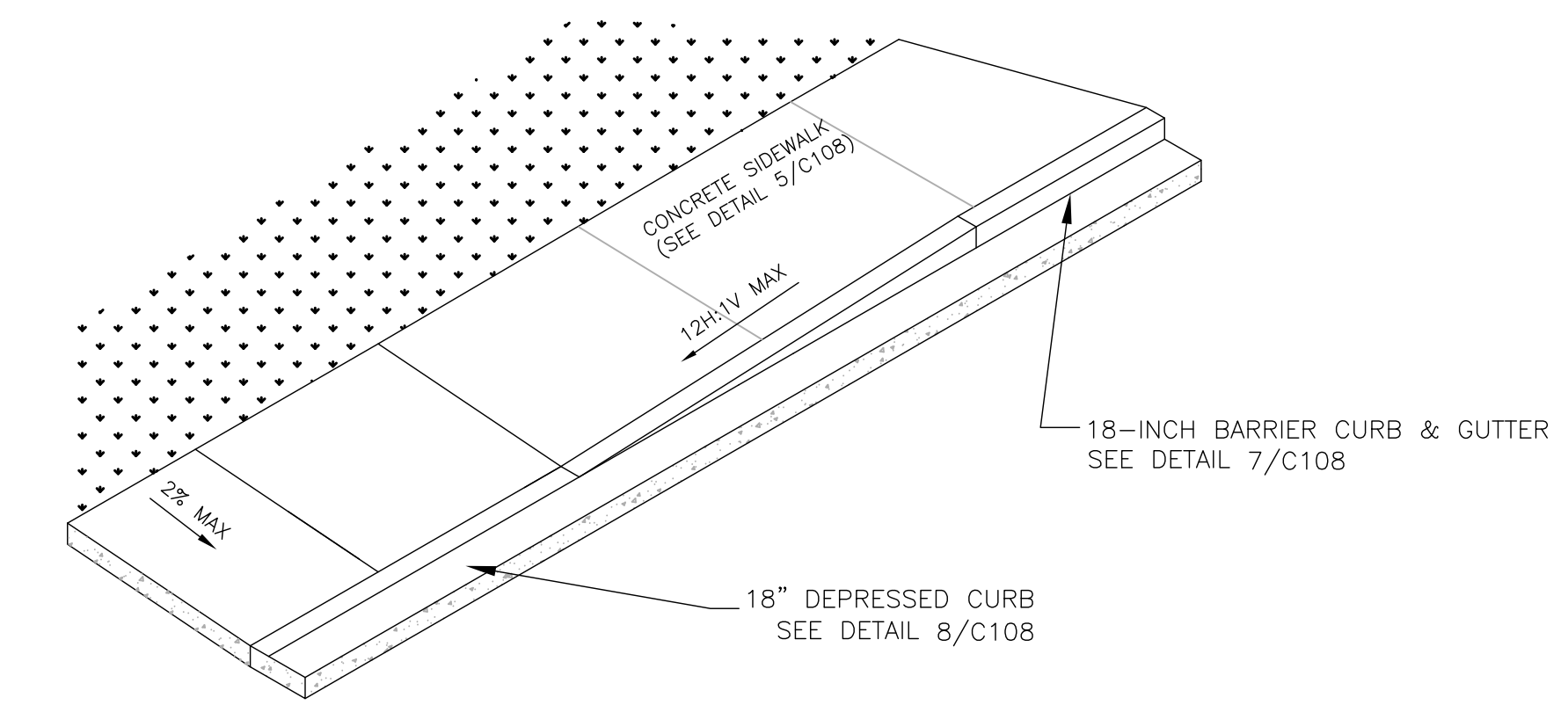
8 18-INCH DEPRESSED CONCRETE CURB & GUTTER
N.T.S.



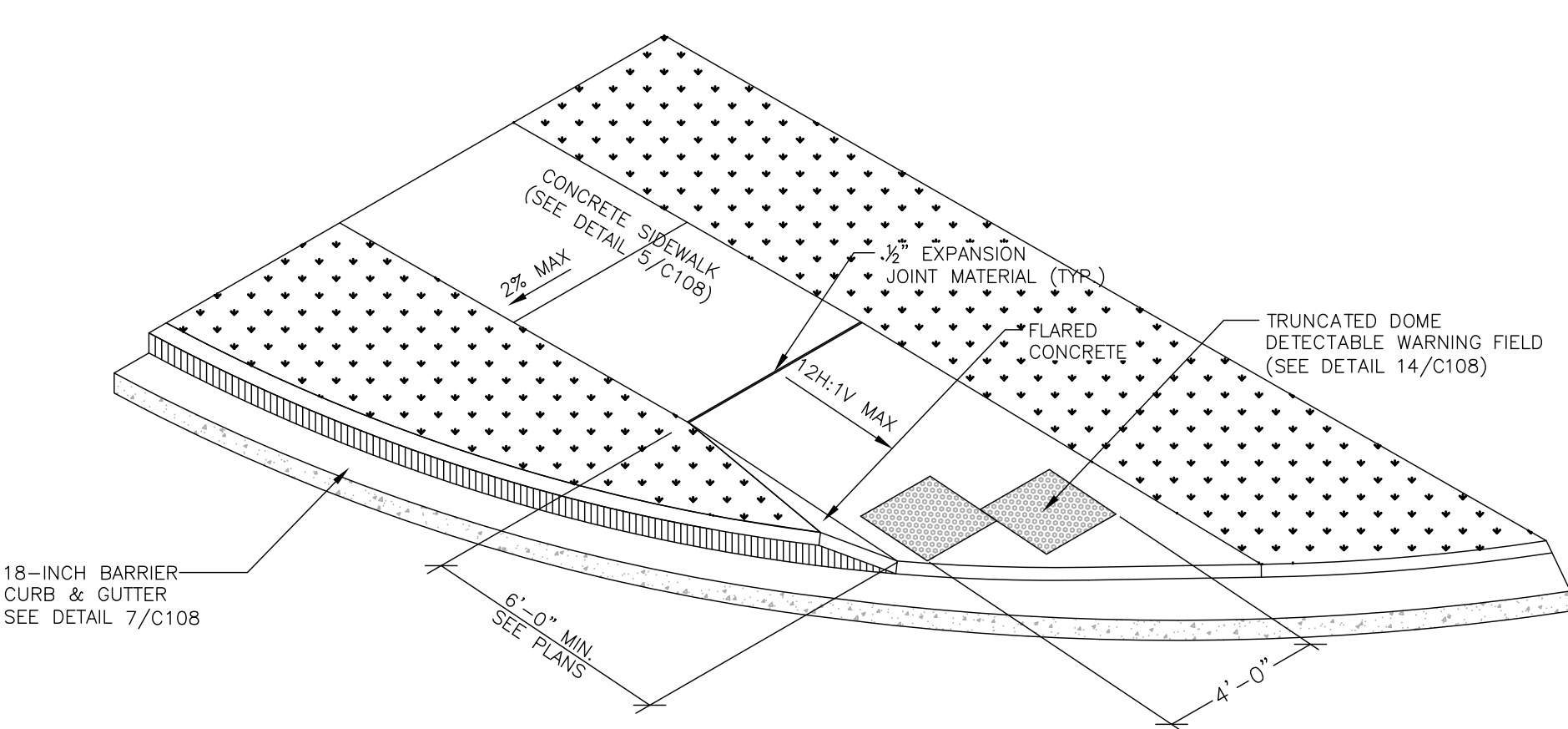
9 CONCRETE CURB & GUTTER TRANSITION TO ZERO-FACE CURB
N.T.S.



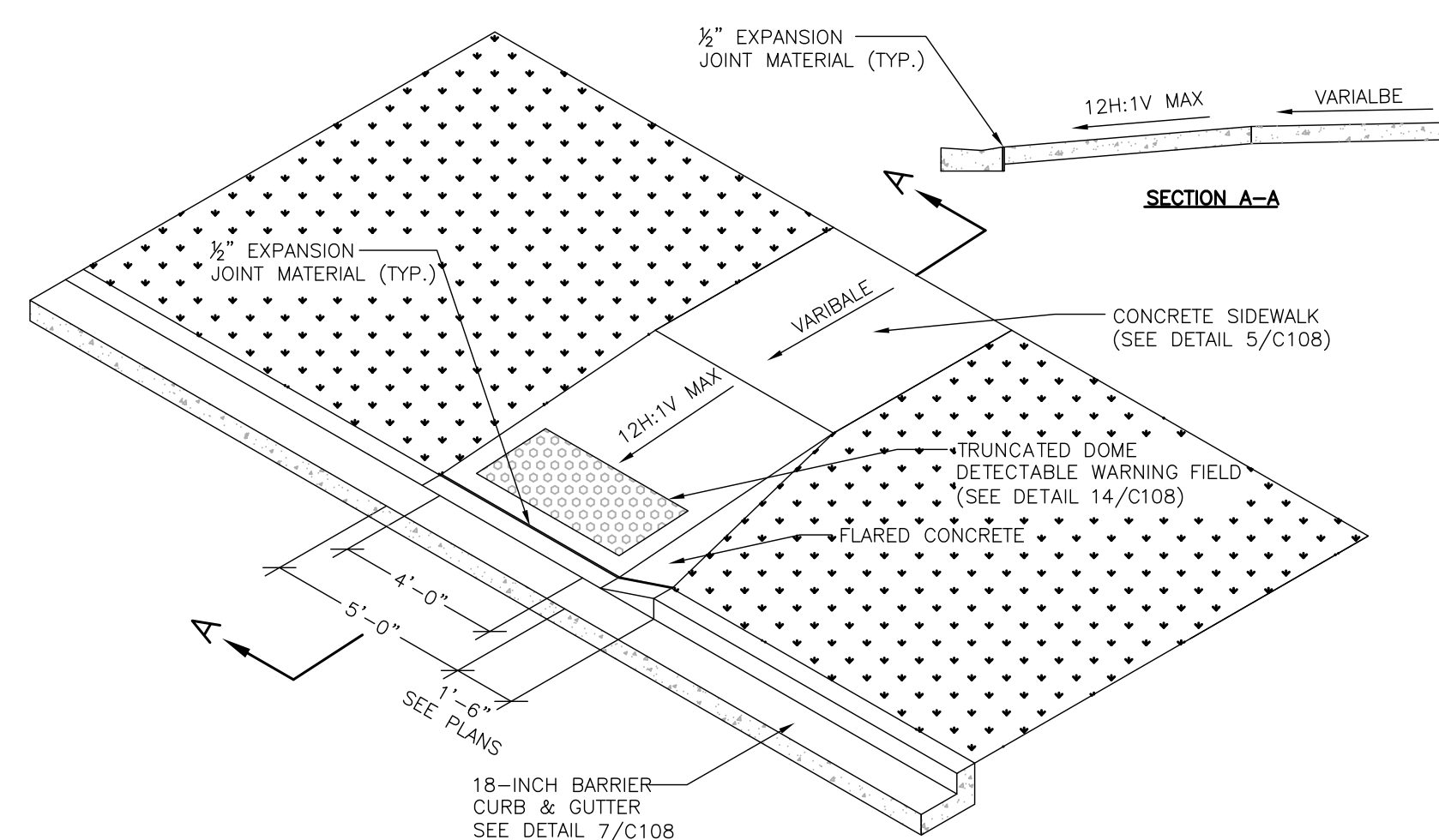
10 CONCRETE GUTTER PAN TRANSITION AT STORM SEWER INLETS
N.T.S.



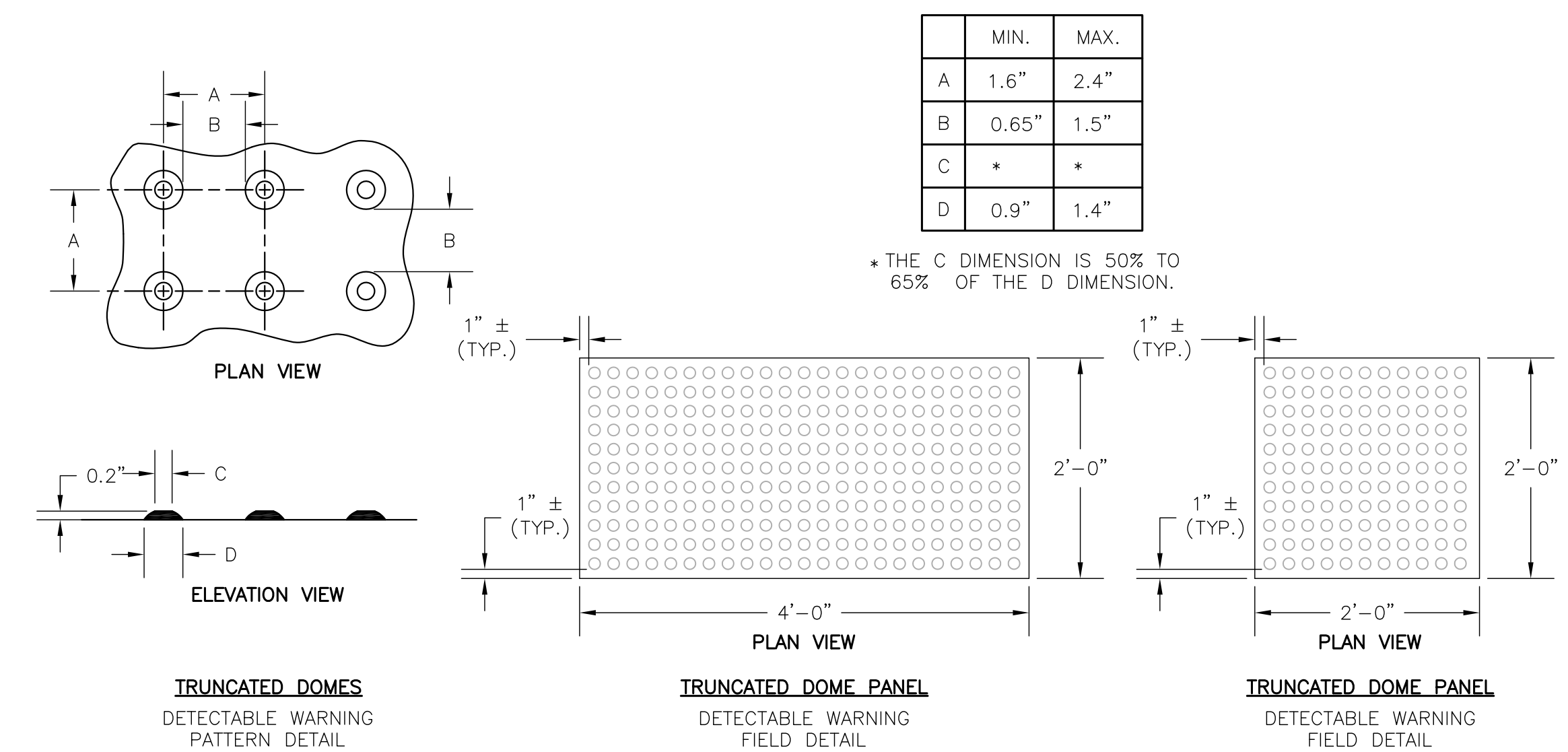
11 ACCESSIBILITY RAMP DETAIL
N.T.S.



12 ACCESSIBILITY RAMP DETAIL WITH TRUNCATED DOME DETECTABLE WARNING FIELD
N.T.S.



13 ACCESSIBILITY RAMP DETAIL WITH TRUNCATED DOME DETECTABLE WARNING FIELD
N.T.S.



GENERAL NOTES

TRUNCATED DOME DETECTABLE WARNING FIELD SHALL CONSIST OF CAST IRON PLATES WITH NO COLOR, SUCH AS THOSE MANUFACTURED BY NEEHAH FOUNDRY. PLATES SHOULD WEATHER TO A RUST COLOR OVER TIME. USE 24"x48" PLATES OR 24"x24" PLATES. THE DETECTABLE WARNING FIELD SHALL BE LOCATED SO THAT IT IS CENTERED IN THE CURB RAMP WITH THE EDGE NEAREST THE BACK OF CURB A MINIMUM OF 6" AND A MAXIMUM OF 8" AWAY FROM THE BACK OF CURB. IN LOCATIONS WHERE THE RAMP IS SKEWED TO THE CURB, THE DETECTABLE WARNING FIELD IS TO RUN PERPENDICULAR TO THE DIRECTION OF TRAVEL, WITH THE EDGE NEAREST THE BACK OF CURB 4" AWAY FROM THE BACK OF CURB.

14 TRUNCATED DOME DETECTABLE WARNING FIELD
N.T.S.



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**LA CASA
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SHEET

SITE DETAILS

DATE
04-15-2016

PROJECT NO.
160080.01

SHEET NO.

C108



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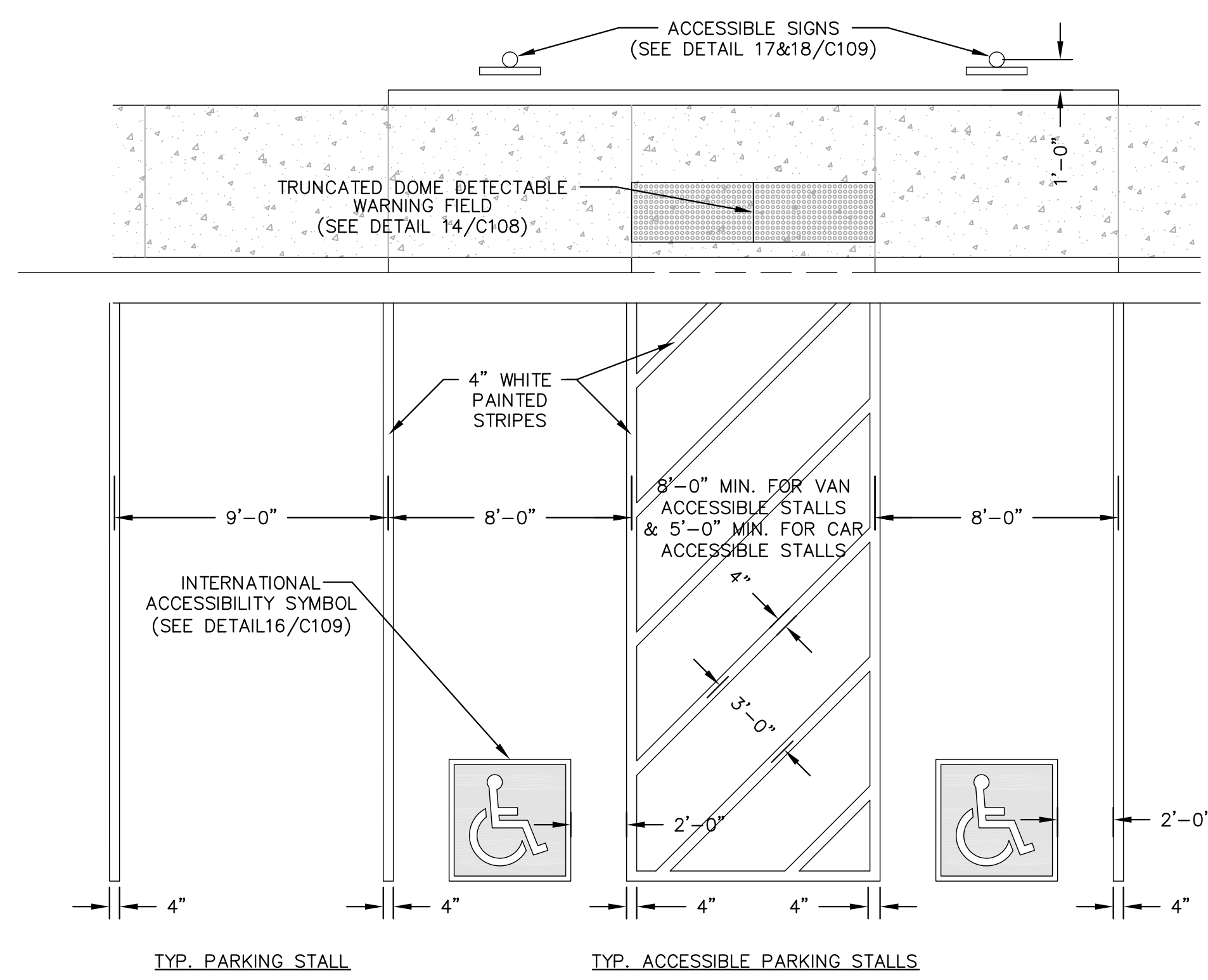
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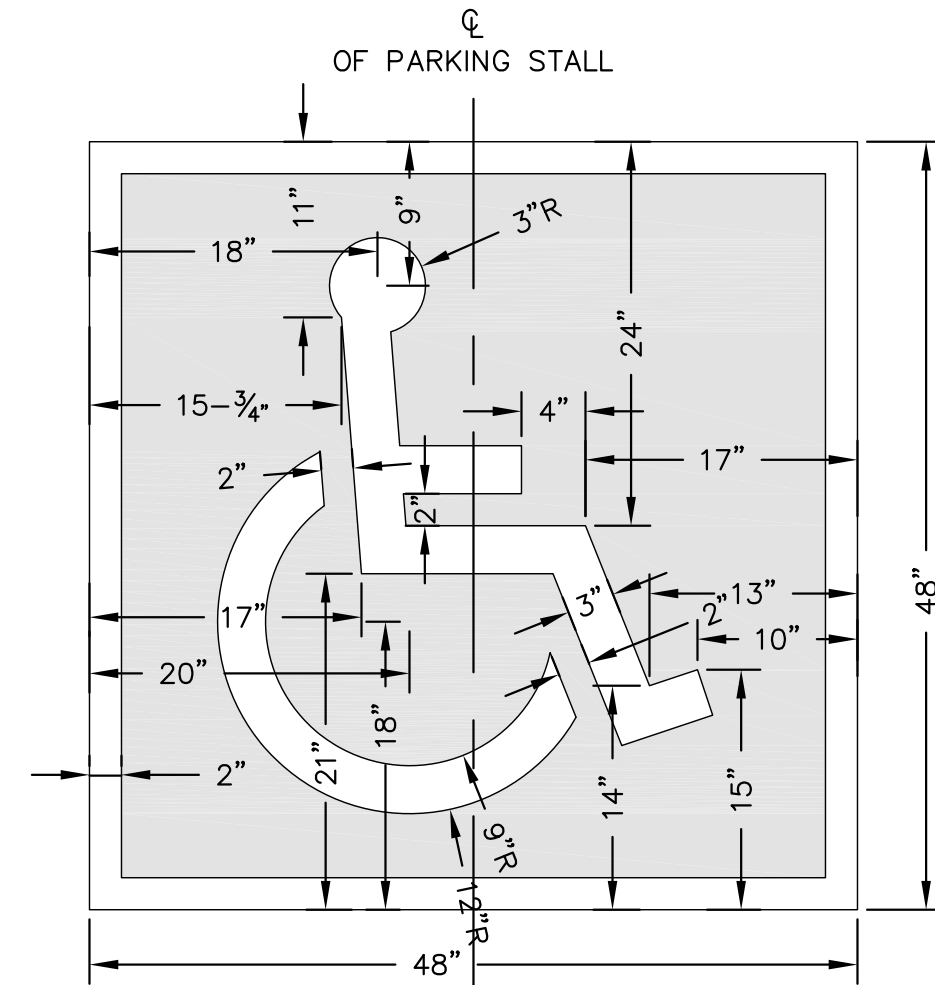
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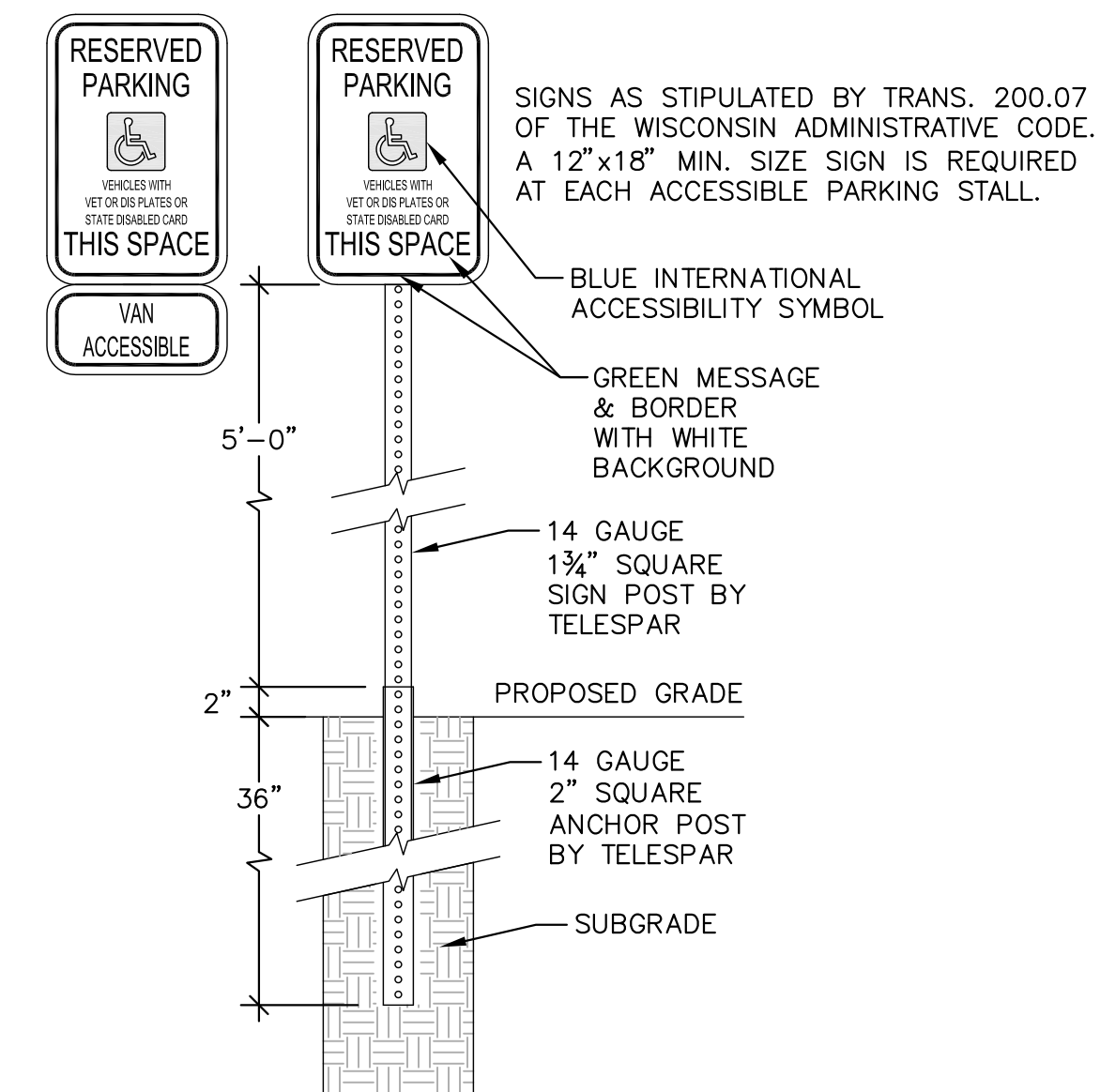


15 ACCESSIBLE PARKING STALL MARKING
N.T.S.



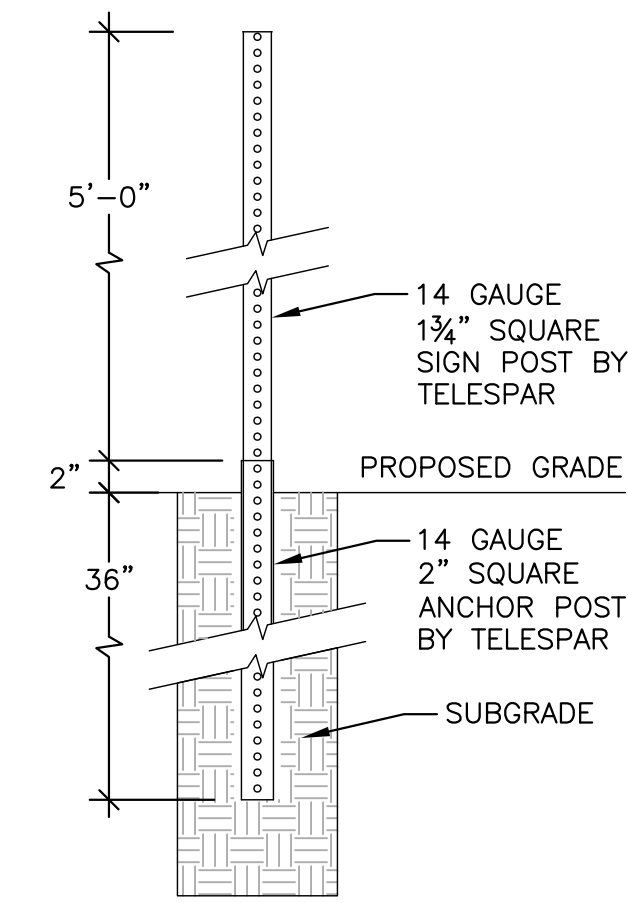
NOTE: SYMBOL AND BORDER SHALL BE PAINTED WHITE. BACKGROUND SHALL BE PAINTED BLUE.

16 INTERNATIONAL ACCESSIBILITY SYMBOL FOR PARKING STALLS
N.T.S.



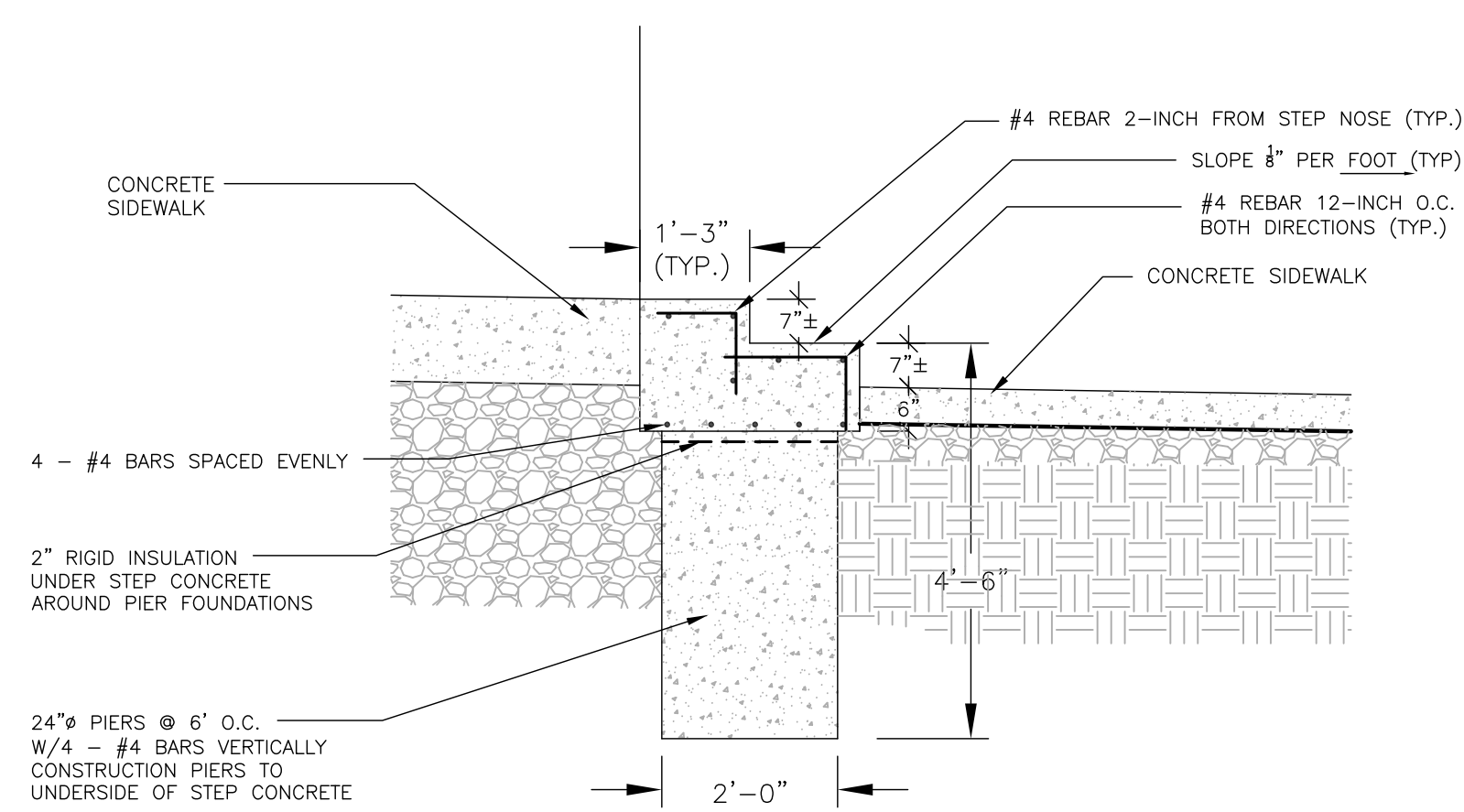
*INSTALL SIGNS USING THE TELESPAR SINGLE BREAKAWAY ANCHOR METHOD. SEE SITE PLAN FOR SIGN LOCATIONS.

17 ACCESSIBLE PARKING STALL SIGN
N.T.S.

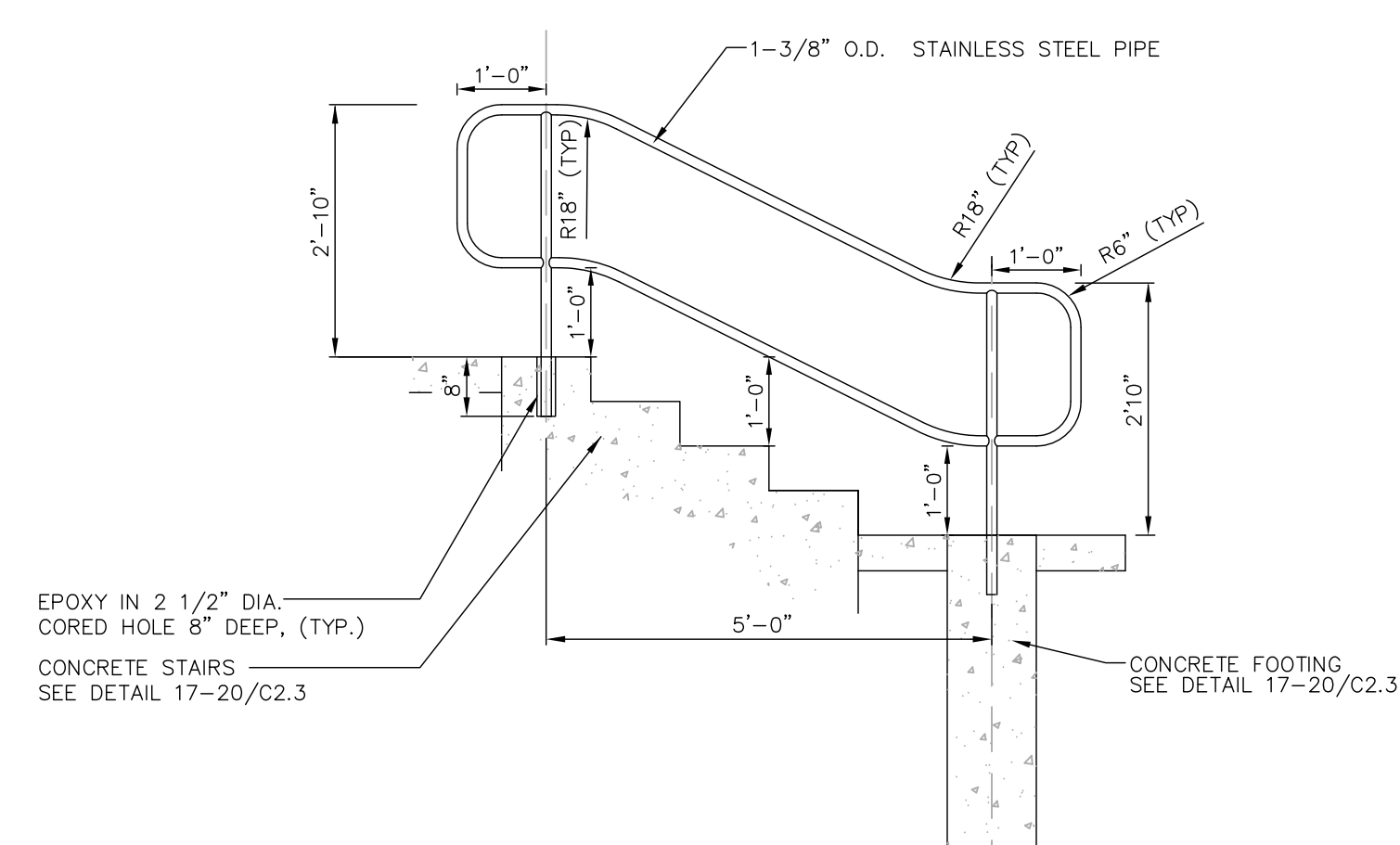


*INSTALL SIGNS USING THE TELESPAR SINGLE BREAKAWAY ANCHOR METHOD. SEE SITE PLAN FOR SIGN LOCATIONS.

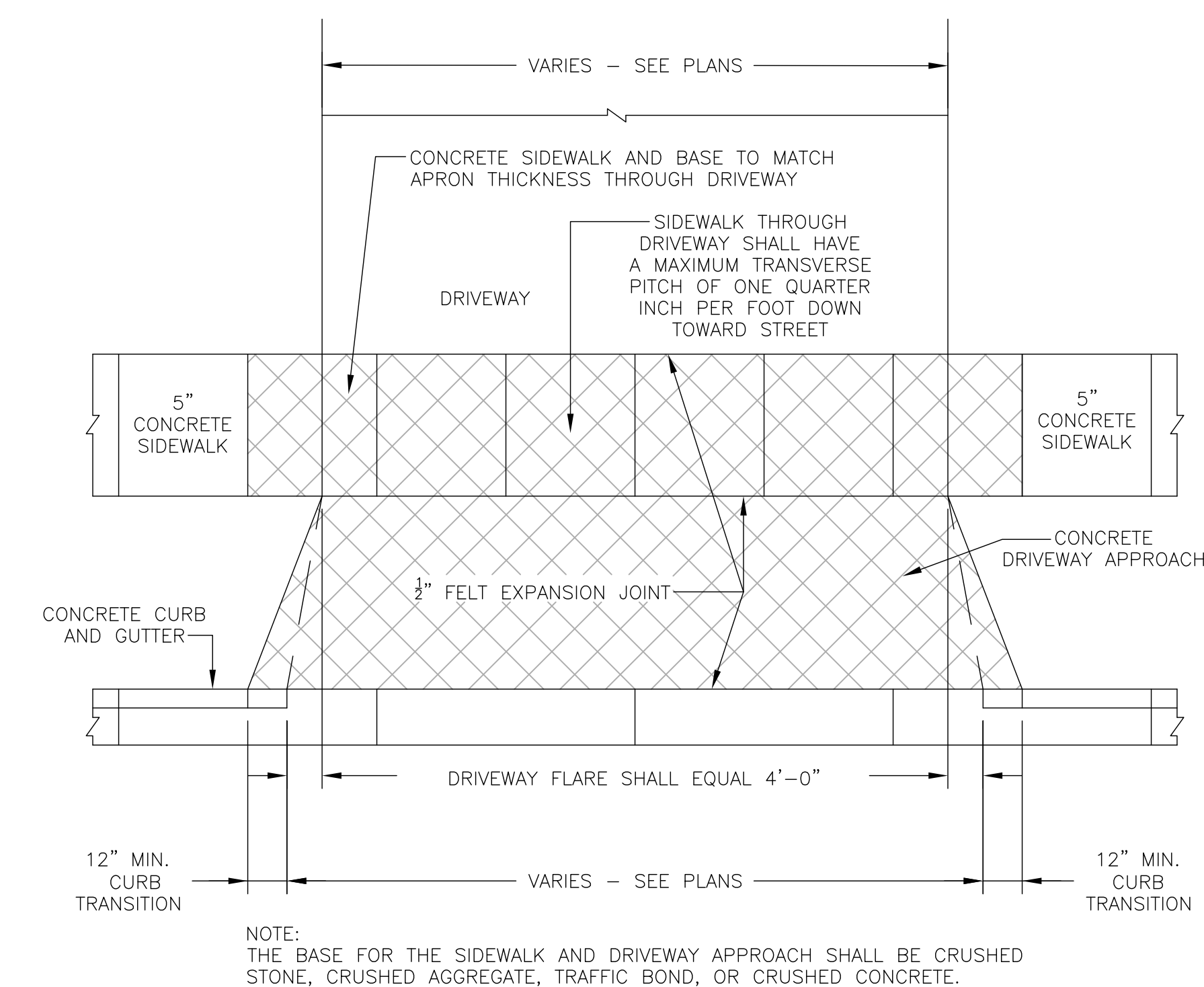
18 SIGN POST DETAIL
N.T.S.



19 SECTION AT CONCRETE STAIR
N.T.S.

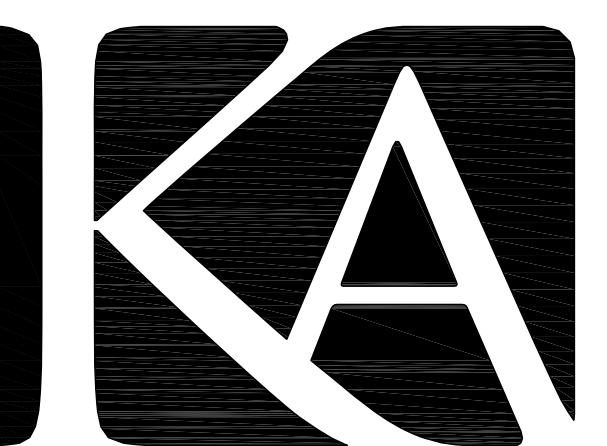


20 STAINLESS STEEL PIPE HANDRAIL (TYP.)
N.T.S.



NOTE: THE BASE FOR THE SIDEWALK AND DRIVEWAY APPROACH SHALL BE CRUSHED STONE, CRUSHED AGGREGATE, TRAFFIC BOND, OR CRUSHED CONCRETE.

21 STANDARD CONCRETE DRIVEWAY APRON
N.T.S.



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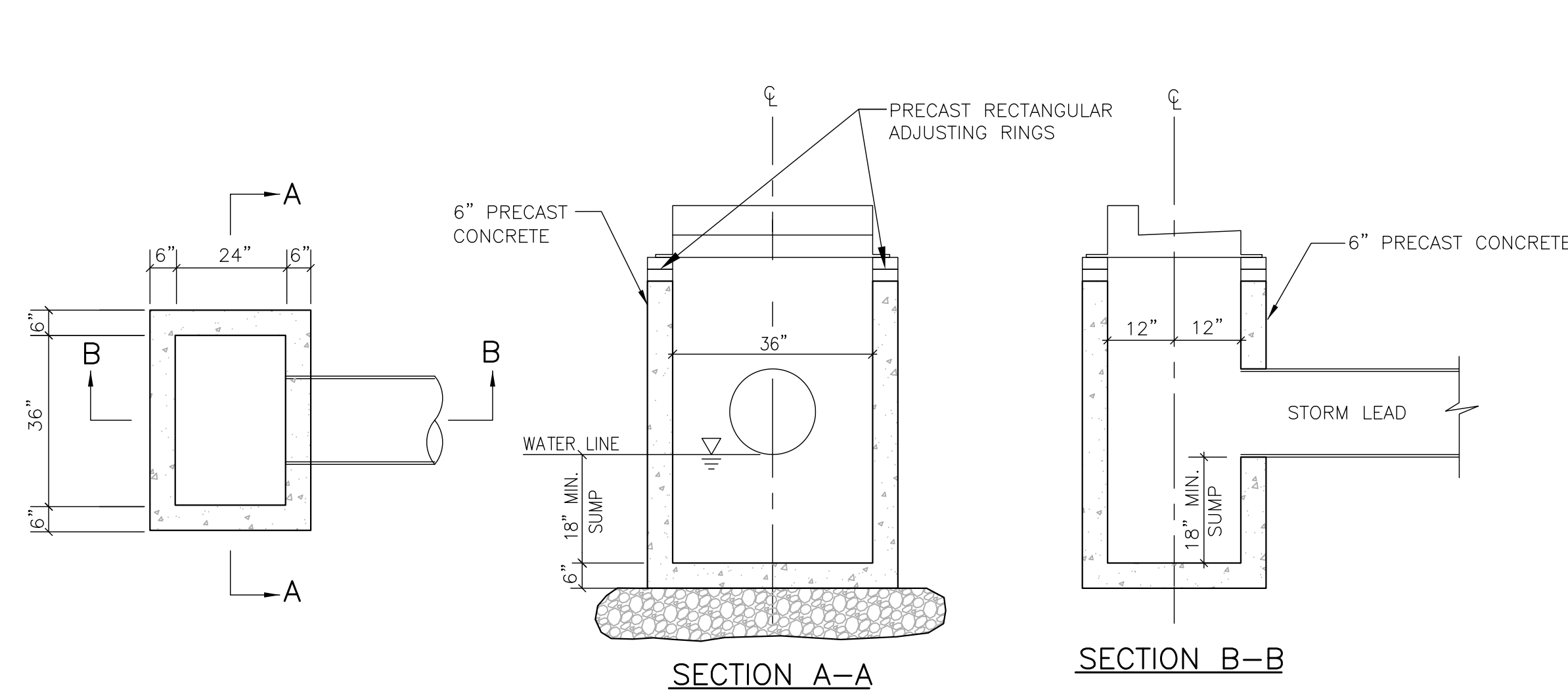
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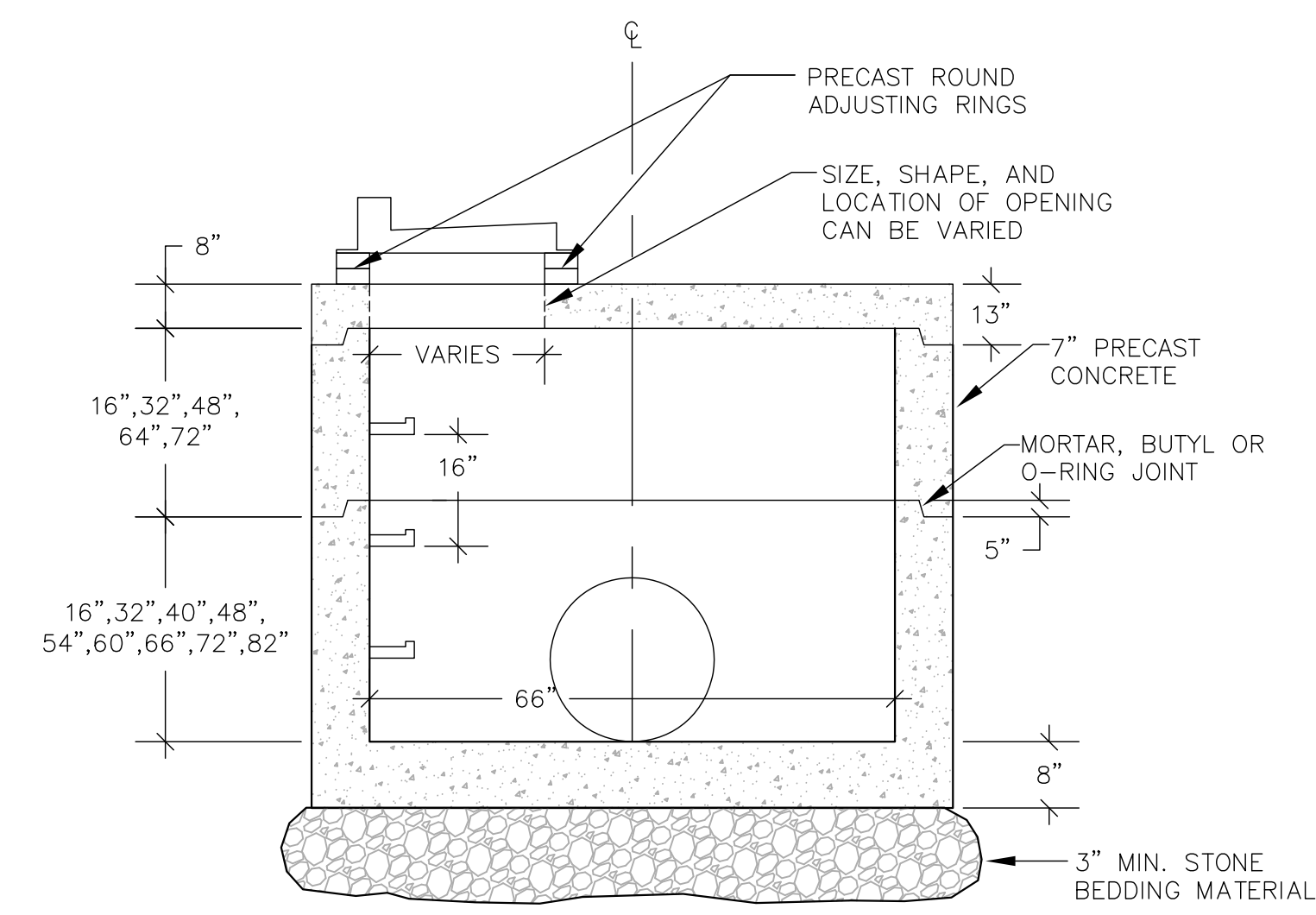


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NOTE:
REFER TO SITE UTILITY PLAN FOR INFORMATION REGARDING PIPE LOCATIONS, PIPE DIAMETERS, PIPE INVERTS, RIM ELEVATIONS, AND FRAMES & GRATES.

INSTALL STUB DRAINS IN CATCH BASINS LOCATED IN PAVED AREAS. SEE DETAIL 24/C110.

22 24" X 36" STORM CATCH BASIN WITH GUTTER INLET/CURB BOX FRAME & GRATE
N.T.S.

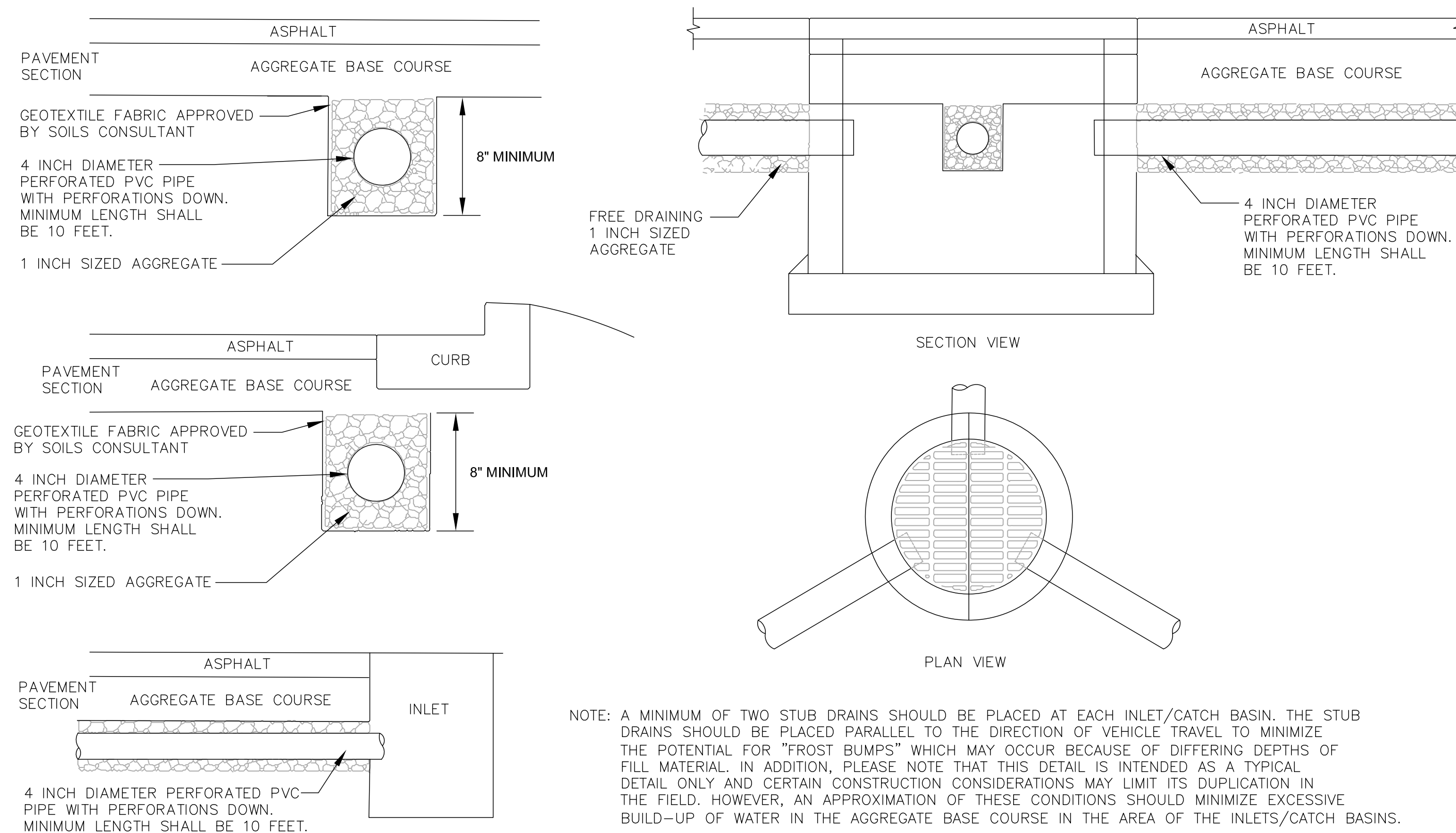


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INSTALL STUB DRAINS IN CATCH BASINS LOCATED IN PAVED AREAS. SEE DETAIL 24/C110.

23 66-INCH DIAMETER STORM INLET WITH CURB BOX FRAME & GRATE
N.T.S.



NOTE: A MINIMUM OF TWO STUB DRAINS SHOULD BE PLACED AT EACH INLET/CATCH BASIN. THE STUB DRAINS SHOULD BE PLACED PARALLEL TO THE DIRECTION OF VEHICLE TRAVEL TO MINIMIZE THE POTENTIAL FOR "FROST BUMPS" WHICH MAY OCCUR BECAUSE OF DIFFERING DEPTHS OF FILL MATERIAL. IN ADDITION, PLEASE NOTE THAT THIS DETAIL IS INTENDED AS A TYPICAL DETAIL ONLY AND CERTAIN CONSTRUCTION CONSIDERATIONS MAY LIMIT ITS DUPLICATION IN THE FIELD. HOWEVER, AN APPROXIMATION OF THESE CONDITIONS SHOULD MINIMIZE EXCESSIVE BUILD-UP OF WATER IN THE AGGREGATE BASE COURSE IN THE AREA OF THE INLETS/CATCH BASINS.

24 PAVEMENT DRAINTILE SUBDRAINAGE SYSTEM
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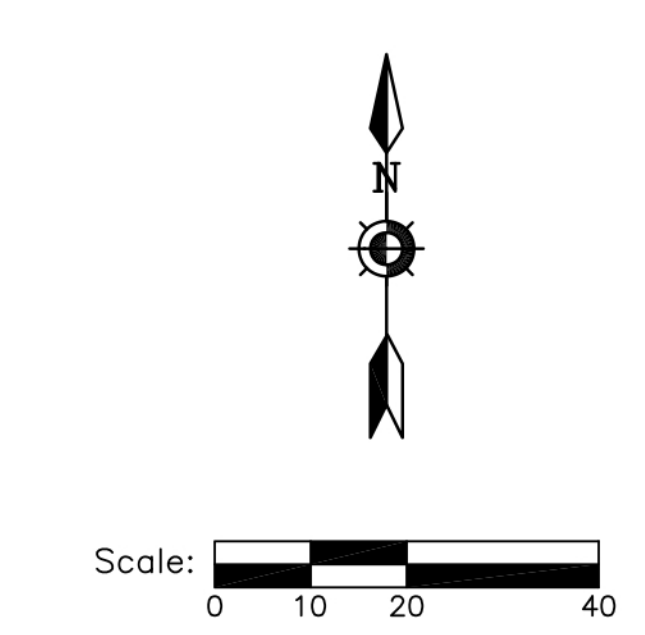
SITE LANDSCAPE
PLAN

DATE
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Plant Schedule

Scientific Name	Common Name	Quantity	Spacing	Install Size	Size Maturity in ft. (Height/Spread)	
Deciduous Trees						
ABS	Amelanchier x grandiflora 'Robin Hill'	Robin Hill Serviceberry: multi stem	3	Per Plan	6' tall B&B	40-50'/30'
ECT	Gymnocladus dioica 'Espresso'	Espresso Coffeetree: MALE species only	10	Per Plan	2.5" caliper B&B	40-50'/30'
SWO	Quercus bicolor	Swamp Oak	5	Per Plan	2.5" caliper B&B	60'/60'
VFE	Ulmus americana 'Valley Forge'	Valley Forge Elm	3	Per Plan	2.5" caliper B&B	60-80'/60'
Evergreen Tree						
SP	Pinus sylvestris	Scots Pine	5	Per Plan	7' tall B&B	30-60'/30-40'
Deciduous Shrubs						
GLS	Rhus aromatica 'Gro-low'	Gro-low Sumac	73	Per Plan	18-inch HT. #3 cont.	2-3'/6-8'
RTD	Cornus sericea	Redtwig Dogwood	40	Per Plan	18-inch HT. #3 cont.	5-6'/5-6'
SWN	Physocarpus opulifolius 'Seward'	Summer Wine Ninebark	13	Per Plan	18-inch HT. #3 cont.	5-6'/4-5'
Evergreen Shrubs						
SGJ	Juniperus chinensis 'Sea Green'	Sea Green Juniper	34	Per Plan	18-inch HT. #3 cont.	3'/6-8'
Perennials						
MSG	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	47	Per Plan	1 gal	
WBA	Amsonia tabernaemontana	Willow Bluestar Amsonia	257	Per Plan	1 gal	

NOTE: Installation contractor is responsible for verifying plant count from plan. Plan quantities take precedence over list.

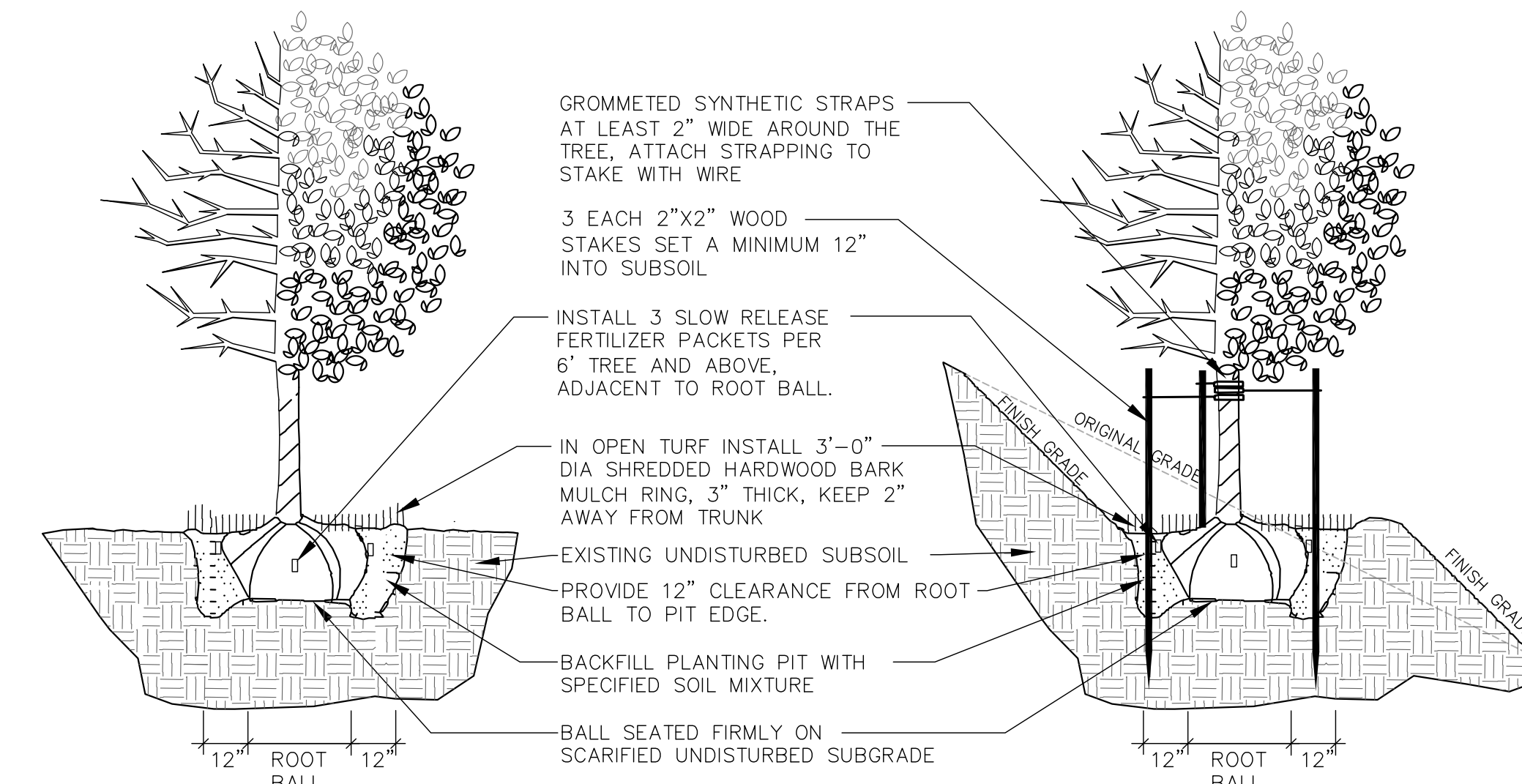
1 LANDSCAPE SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

- ALL PLANT MATERIAL SHALL BE OBTAINED FROM A NURSERY LOCATED IN ZONE 5, CONFORM TO APPLICABLE REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AND BOTANICAL NAMES SHALL BE ACCORDING TO THE CURRENT EDITION OF "STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURE NOMENCLATURE.
- CONTRACTOR TO PROVIDE TO THE LANDSCAPE ARCHITECT SAMPLES OF ALL BARK AND MINERAL/STONE MULCHES, DECORATIVE GRAVELS, MAINTENANCE STRIP STONE, OR OTHER GROUND COVER MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
- BARK MULCH TO BE FRESHLY ACQUIRED HARDWOOD SHREDDED BARK MULCH. NOT DOUBLE MILLED, EXCESSIVE DIRT AND DUST LIKE MATERIAL OR OLD MATERIAL IS NOT ACCEPTABLE.
- LANDSCAPE EDGING TO BE ALUMINUM EDGING. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- ALL PLANTING AREAS TO RECEIVE A 3-INCH THICK LAYER OF HARDWOOD SHREDDED BARK MULCH OVER TYPAR WEED FABRIC WITH EDGING. EDGING TO BE INSTALLED BETWEEN DIFFERENT TYPES OF MULCHES, BETWEEN MULCHES AND TURF, AND/OR WHERE SPECIFICALLY NOTED ON THE PLAN. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- INSTALL SHOVEL CUT EDGE AROUND ALL INDIVIDUAL TREES AND SHRUBS IN LAWN AREAS AND ALONG PAVEMENT WHERE PLANTING AREAS ABUT TO PREVENT HARDWOOD SHREDDED BARK MULCH FROM SPILLING OUT OF PLANTING AREA.
- CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIAL FOR 90 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SEEDING AREAS FOR 60 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR TO PROVIDE AND REVIEW MAINTENANCE INSTRUCTIONS WITH THE OWNER PRIOR TO THE COMPLETION OF THESE MAINTENANCE PERIODS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CLEANLY PRUNE AND REMOVE DAMAGED BRANCHES, DEAD WOOD, AND ROOTS IMMEDIATELY PRIOR TO PLANTING. DO NOT CUT LEADERS OR LEAVE "V" CROTCHES OR DOUBLE LEADERS UNLESS A MULTI-STEM TREE IS SPECIFIED.
- REMOVE BURLAP, WIRE BASKET, ROPE, TWINE, AND ALL SYNTHETIC MATERIAL FROM THE ROOTS, TRUNK, OR CROWN OF PLANT.
- REMOVE EXCESS SOIL ABOVE ROOT COLLAR.
- PLANT TREES AND SHRUBS SO THAT THE ROOT COLLAR IS 2" ABOVE FINISHED GRADE OR SEVERAL INCHES ABOVE GRADE IF PLANT IS INSTALLED IN POOR SOILS.
- PLANT TREES AND SHRUBS WITH SAME ORIENTATION AS WHEN HARVESTED FROM THE NURSERY OR TO SHOWCASE THE MOST AESTHETIC VIEW.
- PLANT ALL TREES WITH THREE SLOW RELEASE FERTILIZER PACKETS, SPACED EQUIDISTANT AROUND THE EDGE OF THE ROOT BALL.
- PLANT ALL SHRUBS WITH ONE SLOW RELEASE FERTILIZER PACKET, PLACED BELOW THE ROOTING SYSTEM.
- WATER AND TAMP BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SO THE SOIL AND ROOTS ARE THOROUGHLY SOAKED AND AIR POCKETS ARE REMOVED.
- FOR INDIVIDUAL TREES & SHRUBS PLANTED IN TURF AREAS, PROVIDE CONTINUOUS 3" SOIL SAUCER TO CONTAIN WATER & MULCH (TREES ON SLOPES SHALL BE SAUCERED ON THE DOWNHILL SIDE)
- INSTALL 3" THICK SHREDDED HARDWOOD BARK MULCH RING 3'-0" DIA. FOR DECIDUOUS TREES AND ALL INDIVIDUAL SHRUBS IN LAWN AREAS, 5'-0" DIA. FOR EVERGREEN TREES. KEEP MULCH 2" AWAY FROM TRUNKS.
- STAKING - ONLY STAKE EVERGREEN TREES 5'-0" OR GREATER IN HEIGHT OR TREES THAT ARE UNABLE TO REMAIN UPRIGHT AFTER PLANTING. TREES WILL BECOME STRONGER FASTER WHEN THE TOP 2/3 OF THE TREE IS FREE TO SWAY. DO NOT ATTACH WIRE DIRECTLY TO TREES OR THROUGH HOSES - UTILIZE GROMMETED, SYNTHETIC STRAPS AT LEAST 2" WIDE AROUND THE TREE, ATTACH STRAPPING TO STAKE WITH WIRE. STAKE ONLY WHEN NECESSARY. STAKES SHOULD BE DRIVEN DEEPLY INTO THE GROUND TO PREVENT DISLODGING. CHECK AT LEAST EVERY THREE MONTHS FOR BINDING OR OTHER PROBLEMS. STAKES AND TIES SHOULD BE REMOVED SIX MONTHS TO ONE YEAR AFTER PLANTING.
- REFER TO SPECIFICATIONS 32 93 00 PLANTS AND 32 92 00 TURF AND GRASSES FOR ADDITIONAL INFORMATION.

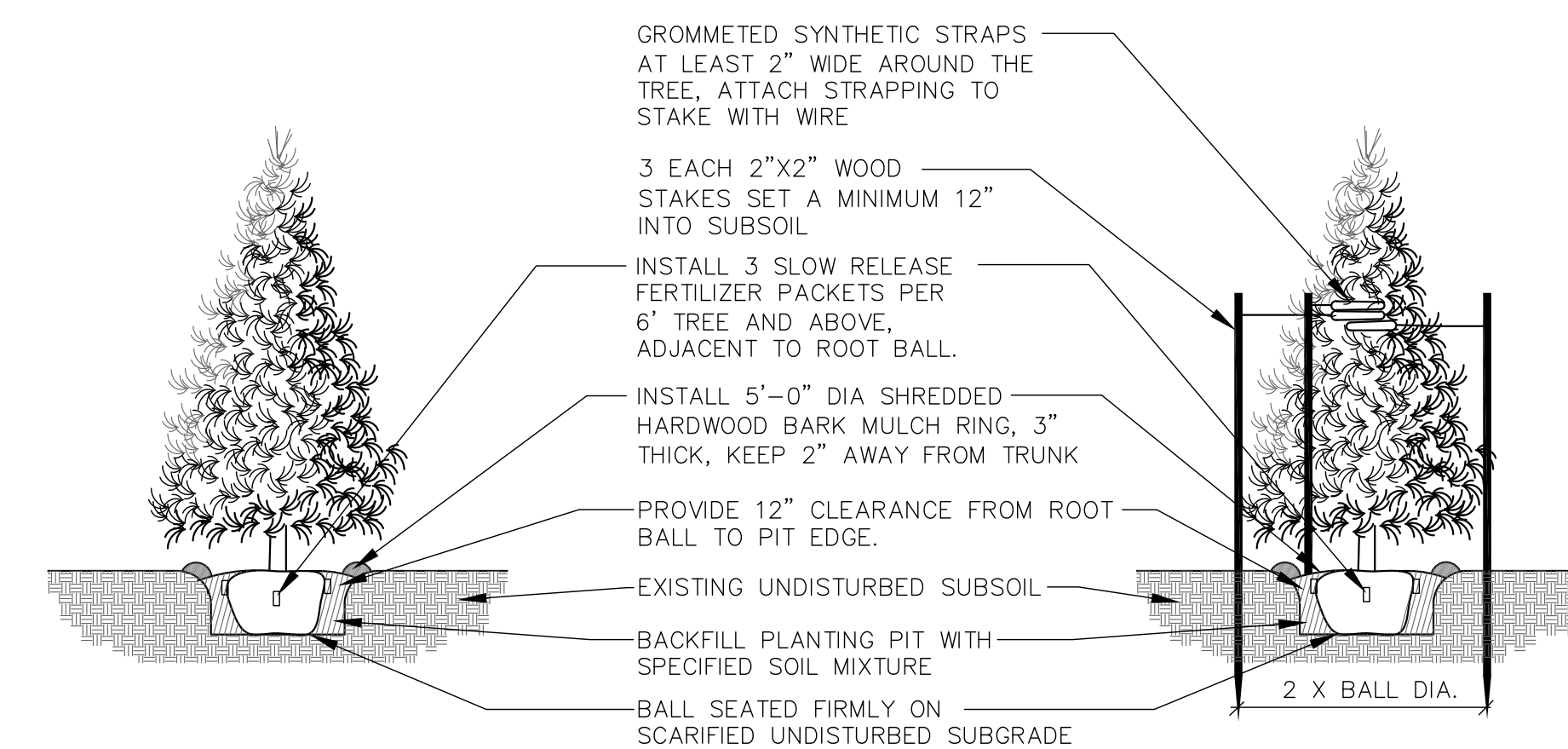
2 LANDSCAPE NOTES

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION



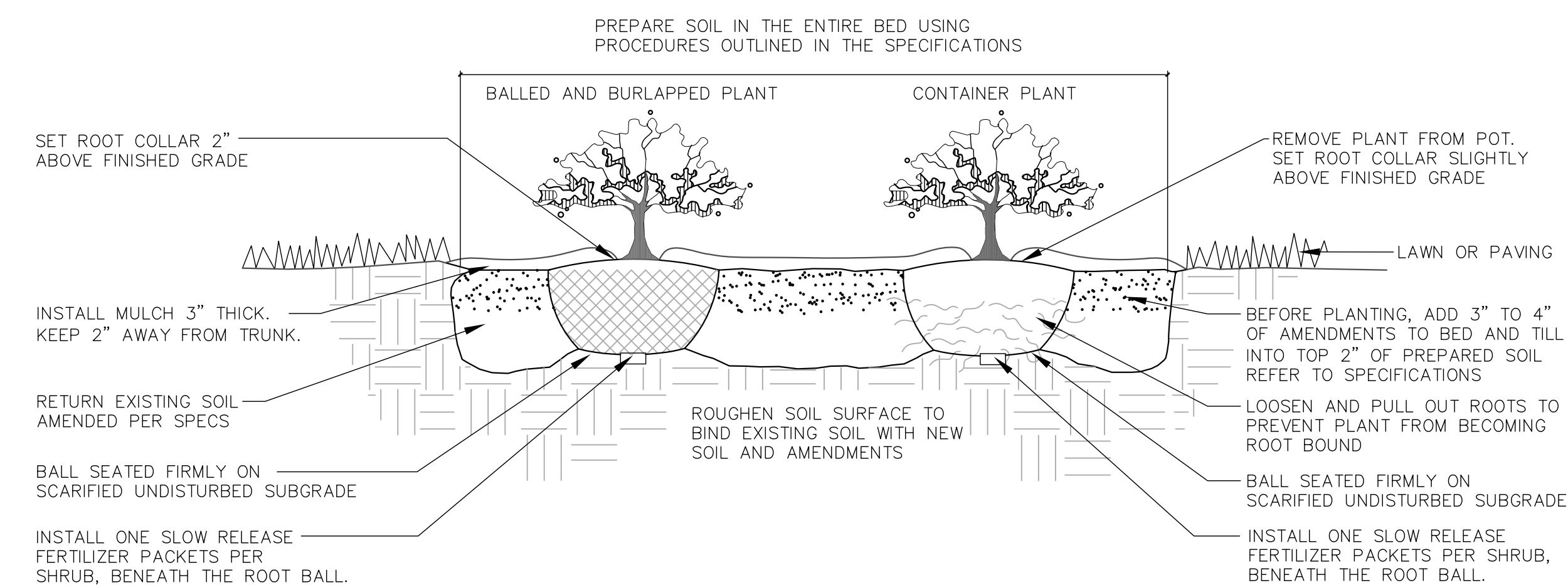
3 DECIDUOUS TREE PLANTING, STAKING, & PLANTING ON A SLOPE

N.T.S.



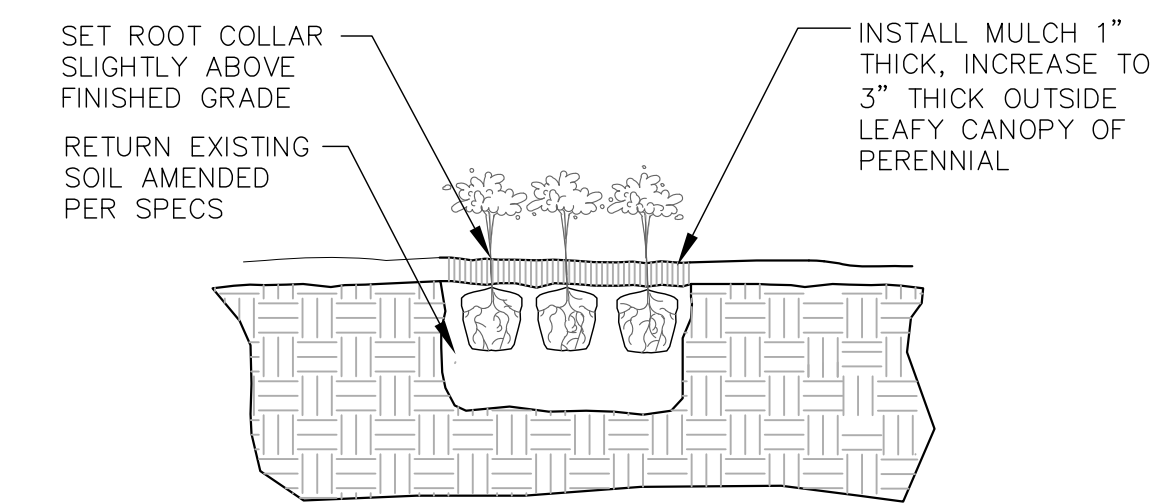
4 EVERGREEN TREE PLANTING & STAKING

N.T.S.



5 DECIDUOUS & EVERGREEN SHRUB PLANTING

N.T.S.



6 PERENNIAL PLANTING

N.T.S.



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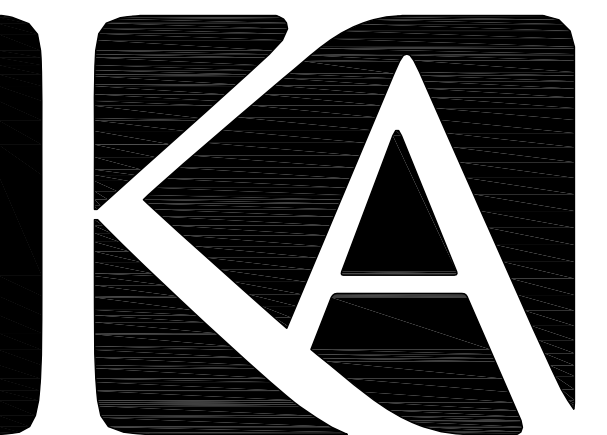
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**SITE LANDSCAPE
DETAILS**

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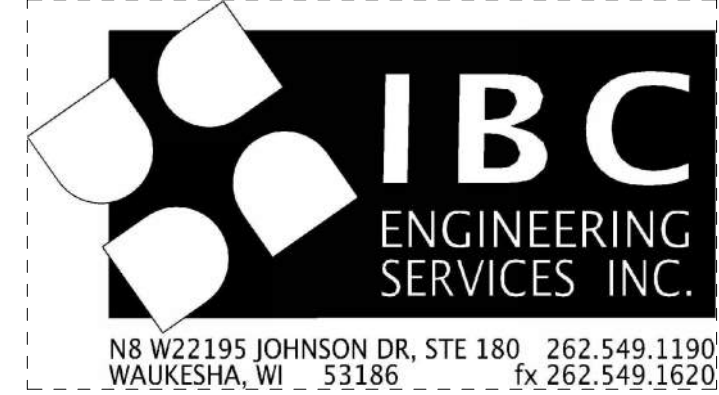
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**ELECTRICAL SITE
PLAN**

DATE
02/26/2016

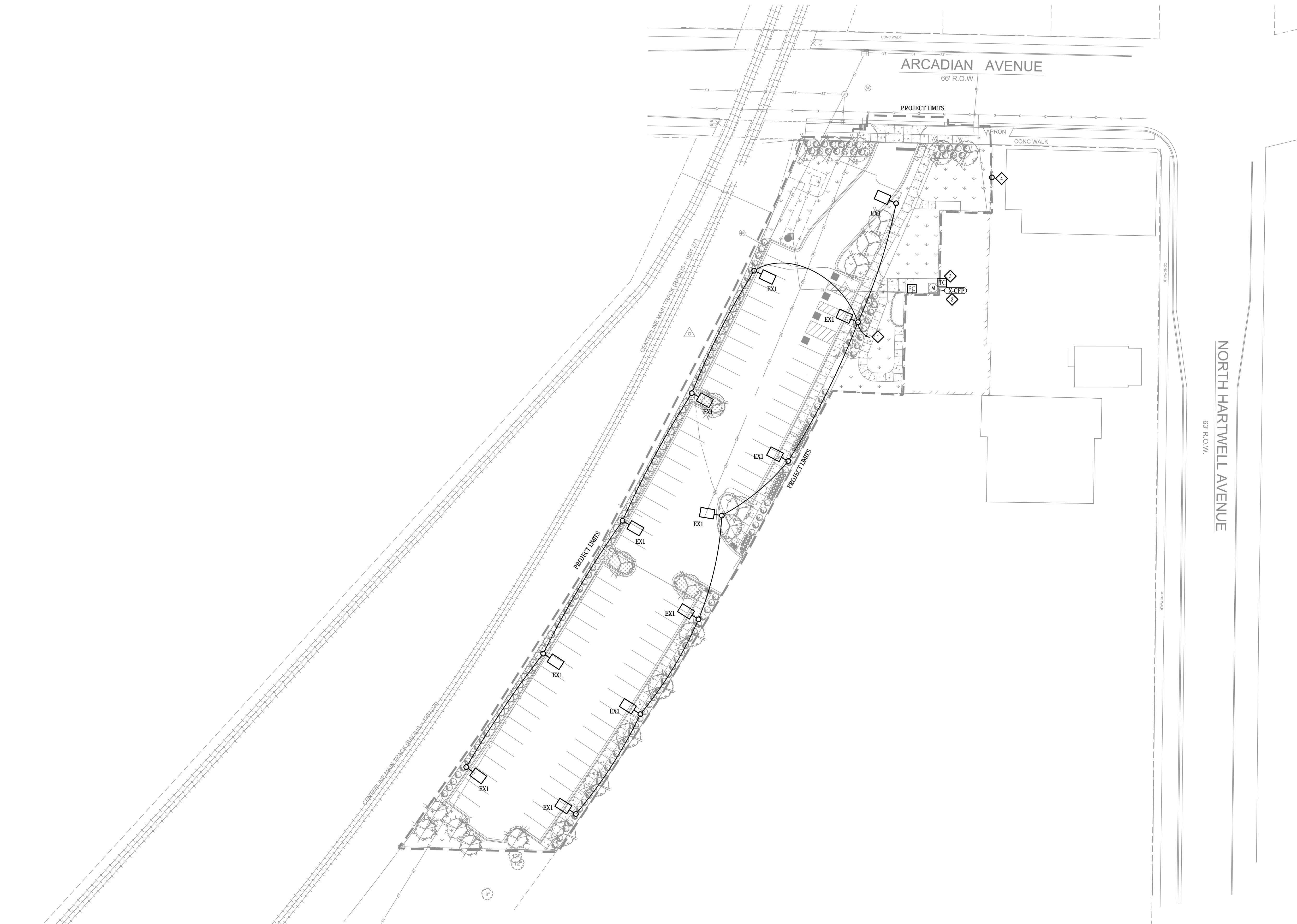
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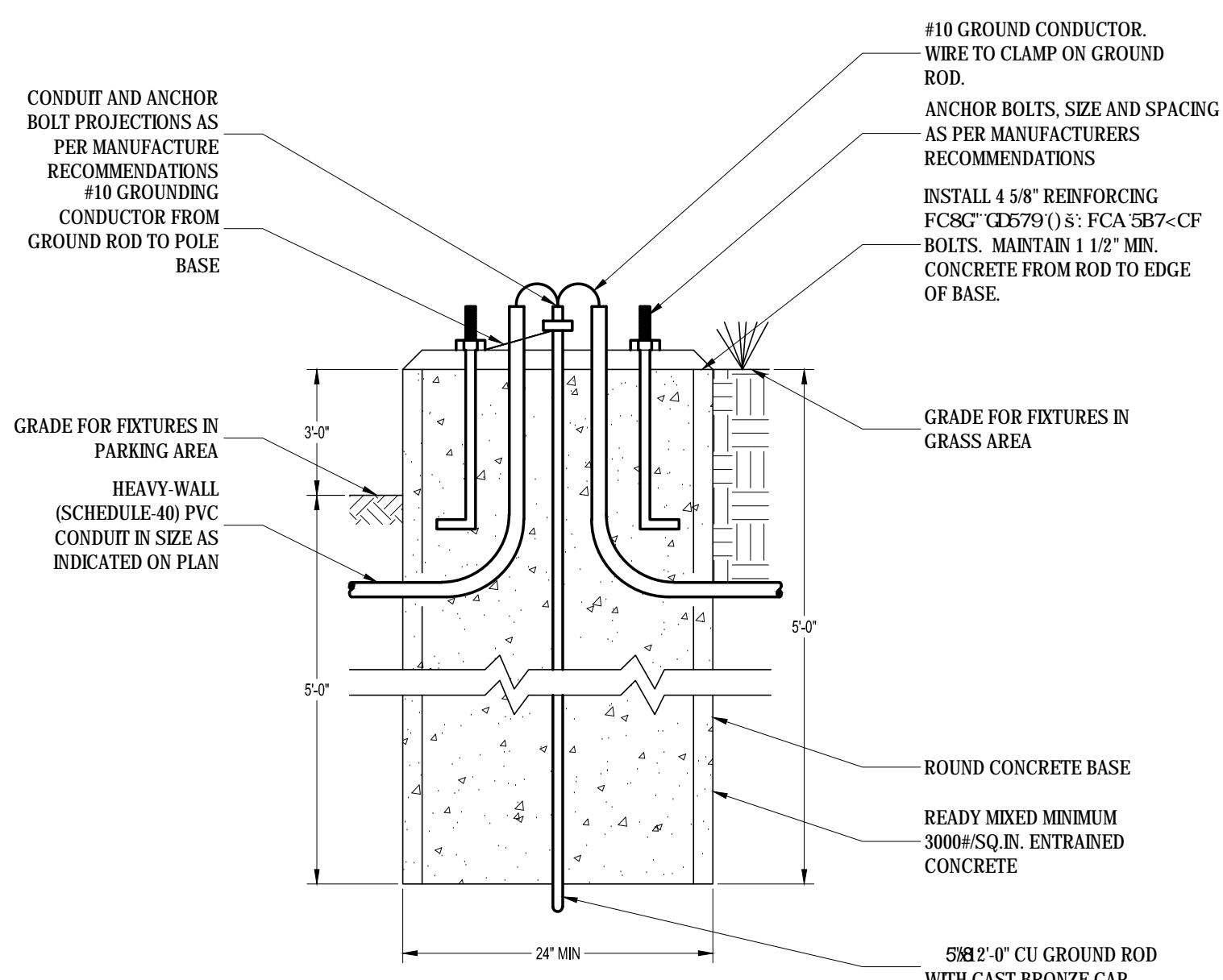
E002

KEY NOTES

- ◇ MODIFY SPARE CIRCUIT 5 IN EXISTING 208/120V, 200A PANEL AS REQUIRED TO ACCOMMODATE NEW 120V SITE LIGHTING CIRCUIT.
- ◇ EXISTING 42 CIRCUIT ELECTRICAL PANEL "CFP" HAS A MAIN 200AMP CIRCUIT BREAKER AT 120/208V 3PH, 4W.
- ◇ TIME CLOCK JUST BELOW CEILING.
- ◇ PROVIDE A NEW UTILITY POLE WITH POLE MOUNTED TRANSFORMER TO RE-FEED EXISTING SERVICE WEATHER HEAD. ADDITIONAL POLES SHALL BE ADDED AS NECESSARY TO ACCOMMODATE.



1 ELECTRICAL SITE PLAN
1" = 20'-0"



2 LIGHT POLE BASE DETAIL
NTS

LIGHTING SCHEDULE

FIXT.	DESCRIPTION	LAMPING		VOLT	MANUFACTURER	CATALOG NUMBER	MOUNTING	SEE NOTE
		TYPE	INPUT					
EX1	SINGLE HEAD POLE MOUNTED FIXTURE, TYPE III DISTRIBUTION WITH BACKLIGHT CONTROL, WITH SQUARE STEEL POLE AND CONCRETE BASE	2,999 LUMENS, 4000K LED	48 VA	UNV	CREE	ARE-EDG-3MB-DA-04-E-UL-350-40K	POLE	1

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:
NOTE A. CATALOG NUMBERS ARE TO PROVIDE GUIDANCE ONLY AND MAY NOT BE COMPLETE.
NOTE B. FIXTURES SPECIFIED TO MEET DESIGN INTENT. EQUALS MAY BE SUBSTITUTED SUBJECT TO DESIGN TEAM'S APPROVAL.
NOTE C. PROVIDE ALL PARTS AND PIECES NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
NOTE D. ARCHITECT TO DETERMINE ALL FINISHES.

LIGHTING FIXTURE SCHEDULE KEY NOTES:
NOTE 1. PROVIDE SQUARE STEEL POLE WITH SIZE AND LENGTH NECESSARY TO ACCOMMODATE EPA OF FIXTURE MOUNTED 20'-0" AFG.

LIGHTING CONTROL BASIS OF DESIGN

AREA	LIGHTING CONTROL INTENT - ASHRAE 90.1-2007	SEE NOTE
EXTERIOR LIGHTING	1. LIGHTS SHALL TURN ON IN RESPONSE TO DAYLIGHT LEVELS VIA EXTERIOR BUILDING MOUNTED PHOTOCELL WITH ADJUSTABLE TURN-ON AND TURN-OFF LEVELS. 2. LIGHTS SHALL TURN OFF VIA PROGRAMMABLE TIMECLOCK.	

LIGHTING CONTROL BASIS OF DESIGN GENERAL NOTES:
NOTE A. CONTROLS SPECIFIED TO MEET DESIGN INTENT. EQUALS MAY BE SUBSTITUTED SUBJECT TO DESIGN TEAM'S APPROVAL.
NOTE B. PROVIDE ALL PARTS AND PIECES NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
NOTE C. VERIFY ALL PROGRAMMING WITH OWNER.