

PLAT OF SURVEY WITH TOPOGRAPHIC DATA

Known as 6236 West Birch Avenue, in the City of Milwaukee, Milwaukee County, Wisconsin.

Lot 5, in Block 3, in Westlawn East Subdivision, being a part of the Northeast 1/4 of Section 34, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin.

December 17, 2014

Westlawn Maintenance Facility
Added proposed improvements
Easement revision
Revised building location

Survey No. 166276-BMJ
Revision No. 1-RMK
Revision No. 2-BMJ
Revision No. 3-RMK

NOTES

Bearings are based on the North line of West Birch Avenue which is assumed to bear South 88°44'19" West.

All easements affecting the described parcel may not be shown.

In accordance with Chapter A-E 7.01 (2) of the Wisconsin Administrative Code, R. A. Smith National, Inc. has executed an agreement to waive the setting of monuments on the above described property.

Building plans proved digitally by Kindness Architecture & Planning

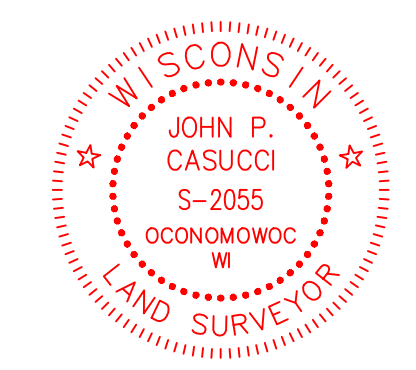
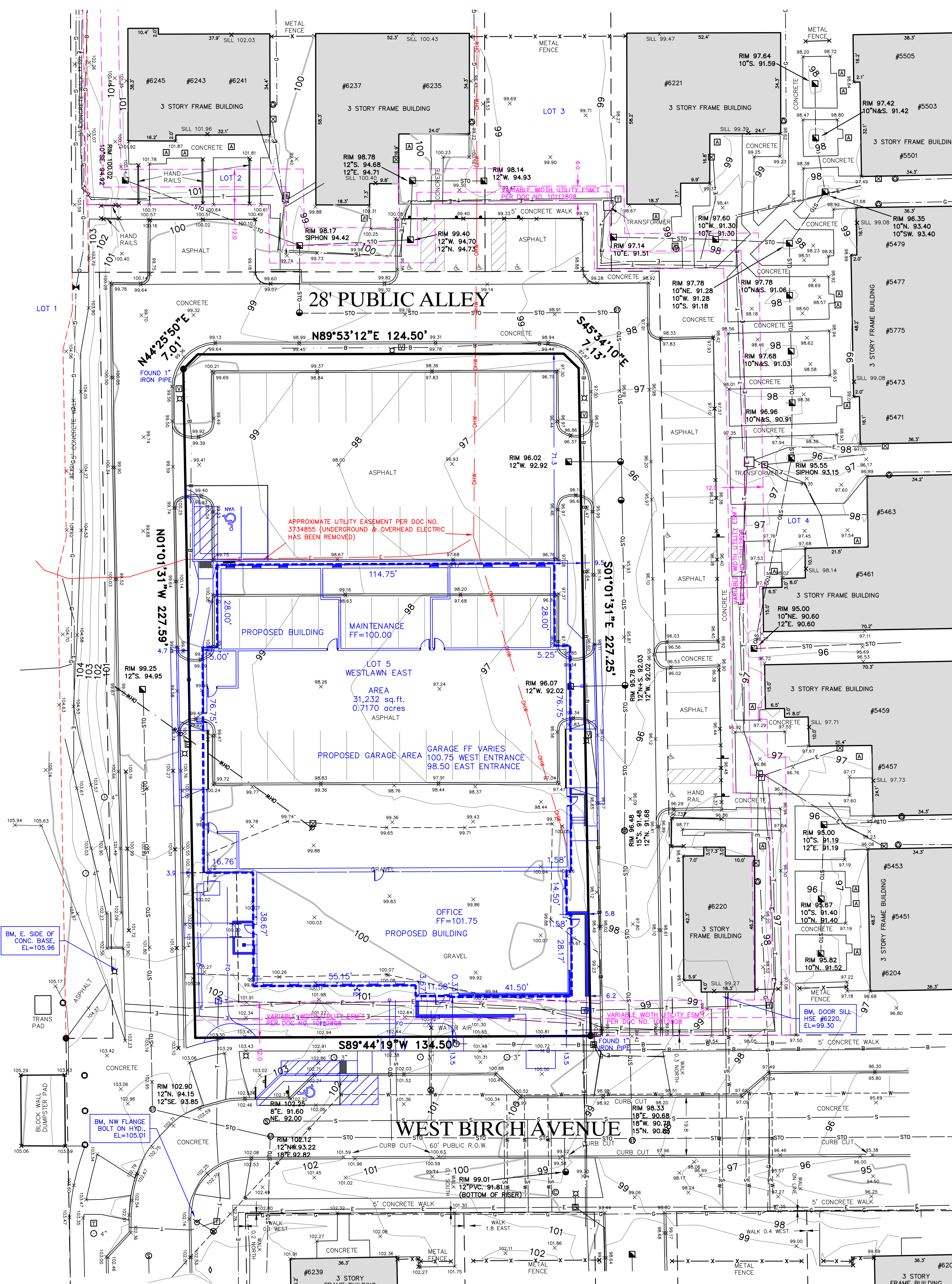
LEGEND

- () INDICATES RECORDED DIMENSION WHERE DIFFERENT FROM ACTUAL MEASUREMENT
- OR SECTION OR 1/4 SECTION CORNER AS DESCRIBED
- 1" DIA. IRON PIPE FOUND (UNLESS OTHERWISE NOTED)
- 1" DIA. IRON PIPE, 18" LONG-SET (UNLESS OTHERWISE NOTED)
- BOLLARD
- SOIL BORING/MONITORING WELL
- FLAGPOLE
- MAILBOX
- SIGN
- BILLBOARD
- AIR CONDITIONER
- CONTROL BOX
- TRAFFIC SIGNAL
- RAILROAD CROSSING SIGNAL
- CABLE PEDESTAL
- POWER POLE
- GUY WIRE
- LIGHT POLE
- SPOT/YARD/PEDESTAL LIGHT
- HANDICAPPED PARKING
- ELECTRIC MANHOLE
- ELECTRIC PEDESTAL
- ELECTRIC METER
- ELECTRIC TRANSFORMER
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- MARKED FIBER OPTIC
- GAS VALVE
- GAS METER
- GAS WARNING SIGN
- STORM MANHOLE
- ROUND INLET
- SQUARE INLET
- STORM SEWER END SECTION
- SANITARY MANHOLE
- SANITARY CLEANOUT OR SEPTIC VENT
- SANITARY INTERCEPTOR MANHOLE
- MISCELLANEOUS MANHOLE
- WATER VALVE
- HYDRANT
- WATER SERVICE CURB STOP
- WATER MANHOLE
- WELL
- WATER SURFACE
- WETLANDS FLAG
- MARSH
- CONFEROUS TREE
- DECIDUOUS TREE
- SHRUB
- EDGE OF TREES
- S-SANITARY SEWER
- STO-STORM SEWER
- W-WATERMAIN
- G-MARKED GAS MAIN
- E-MARKED ELECTRIC
- OH- OVERHEAD WIRES
- B-BUREAU ELEC. SERV.
- T-MARKED TELEPHONE
- TV-MARKED CABLE TV LINE
- FO-MARKED FIBER OPTIC
- INDICATES EXISTING CONTOUR ELEVATION
- INDICATES EXISTING SPOT ELEVATION

DIGGERS HOTLINE #2014-49-00173

THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

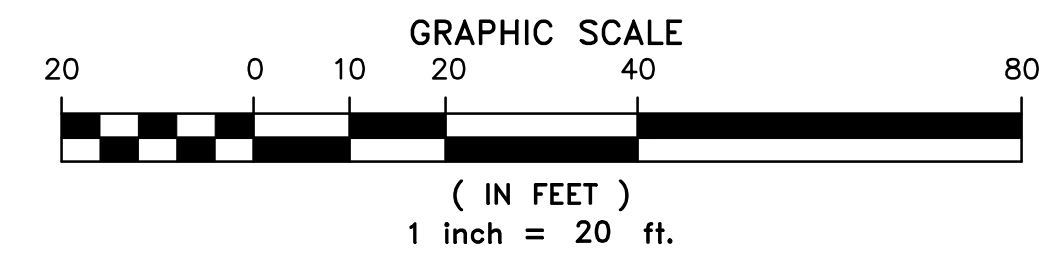
(P) INDICATES PIPE SIZES PER RECORD PLANS. OTHER PIPE SIZES ARE ESTIMATED. NO PIPE SIZES SHOULD BE RELIED UPON WITHOUT FURTHER VERIFICATION.



John P. Casucci
JOHN P. CASUCCI
PROFESSIONAL WISCONSIN LAND SURVEYOR S-2055

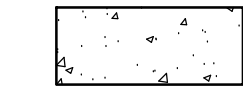
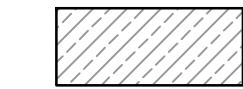


R.A. Smith National, Inc.

*Beyond Surveying
and Engineering*



16745 W. Bluemound Road, Brookfield, WI 53005-5938
262-781-1000 Fax 262-797-7373 www.rasmithnational.com
Apton, WI Orange County, CA Pittsburgh, PA
S:\5166276(dwg)\PS131D20.dwg | W BIRCH AVE

R.A. Smith National, Inc.

- LEGEND**
-  CONCRETE SIDEWALK (SEE CIVIL DETAILS)
 -  HEAVY DUTY CONCRETE PAVEMENT (SEE CIVIL DETAILS)
 -  STANDARD PARKING SPACE COUNT
STANDARD SPACE = 9.0'x18.0'
 -  ACCESSIBLE PARKING SPACE COUNT
ACCESSIBLE SPACE = 8.0'x18.0'

- PLAN NOTATIONS**
- SYSL 4" = SINGLE YELLOW SOLID LINE 4"
 - DYSL 4" = DOUBLE YELLOW SOLID LINE 4"
 - SWSL 4" = SINGLE WHITE SOLID LINE 4"
 - SWSL 18" = SINGLE WHITE SOLID LINE 18"
 - F/C = FACE OF CURB
 - O/C = ON CENTER
 - TYP = TYPICAL

SITE CALCULATIONS

	ACRES
TOTAL PARCEL AREA	0.72
TOTAL DISTURBED AREA	0.55
EXISTING IMPERVIOUS AREA	0.57
PROPOSED IMPERVIOUS AREA	0.65

PARKING CALCULATIONS

STANDARD SPACES PROVIDED	25
ACCESSIBLE SPACES PROVIDED	2
TOTAL PARKING SPACES PROVIDED	27

GENERAL NOTES

EXISTING TOPOGRAPHY OBTAINED BY R.A. SMITH NATIONAL, INC, DATED DECEMBER 17, 2014.

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSION OF ENTRANCES, VESTIBULES, STAIRS, RETAINING WALLS, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.

CONTRACTOR SHALL PROVIDE EROSION CONTROL FACILITIES IN ACCORDANCE WITH THE CITY OF MILWAUKEE EROSION CONTROL ORDINANCE AND WISCONSIN DNR TECHNICAL STANDARDS.

ALL DIMENSIONS AND CORRESPONDING HORIZONTAL CONTROL RELATED TO PAVING REPRESENT FACE OF CURB, ELEVATIONS AND CONTOURS REPRESENT FINISHED GRADES UNLESS OTHERWISE INDICATED. BUILDINGS ARE DIMENSIONED TO FACE OF BUILDING.

BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.

ALL SITE SIGNAGE MUST COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

Owner
 Housing Authority of the City of Milwaukee
 414.286.2951

Civil Engineer
R.A. Smith National, Inc.
Beyond Surveying and Engineering
 R.A. Smith National
 262.781.1000

PROJECT:
MANAGEMENT & MAINTENANCE FACILITY

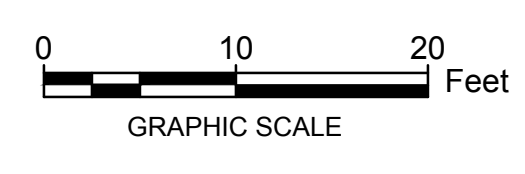
ADDRESS:
**6236 W. Birch Ave.
 Milwaukee, WI 53218**

REVISIONS	DATE	BY	DESCRIPTION

KAP PROJECT NO. 14-125
 SCALE AS NOTED
 PHASE CD
 DATE 02.27.15

SITE PLAN

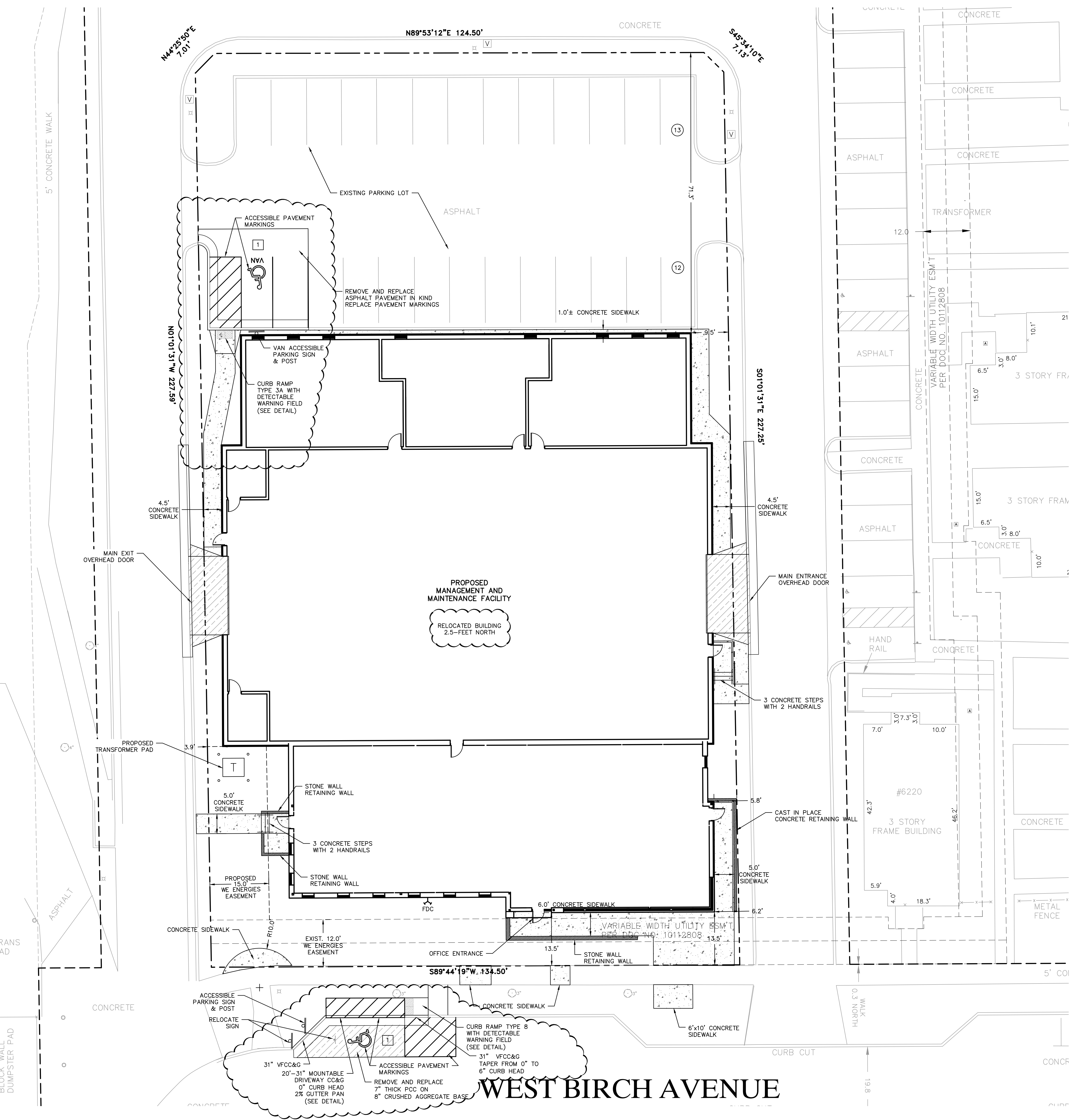
C200



DIGGERS ON HOTLINE
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 Milwaukee Area (414) 259-1181
 Hearing Impaired TDD (800) 542-2289
 www.DiggersOnTheLine.com

R.A. SMITH NATIONAL ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH NATIONAL.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.



DPD SUBMISSION

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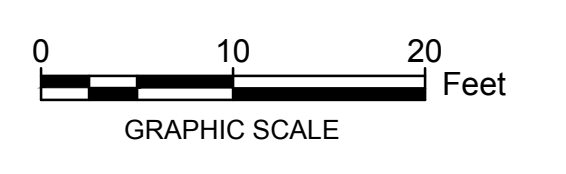
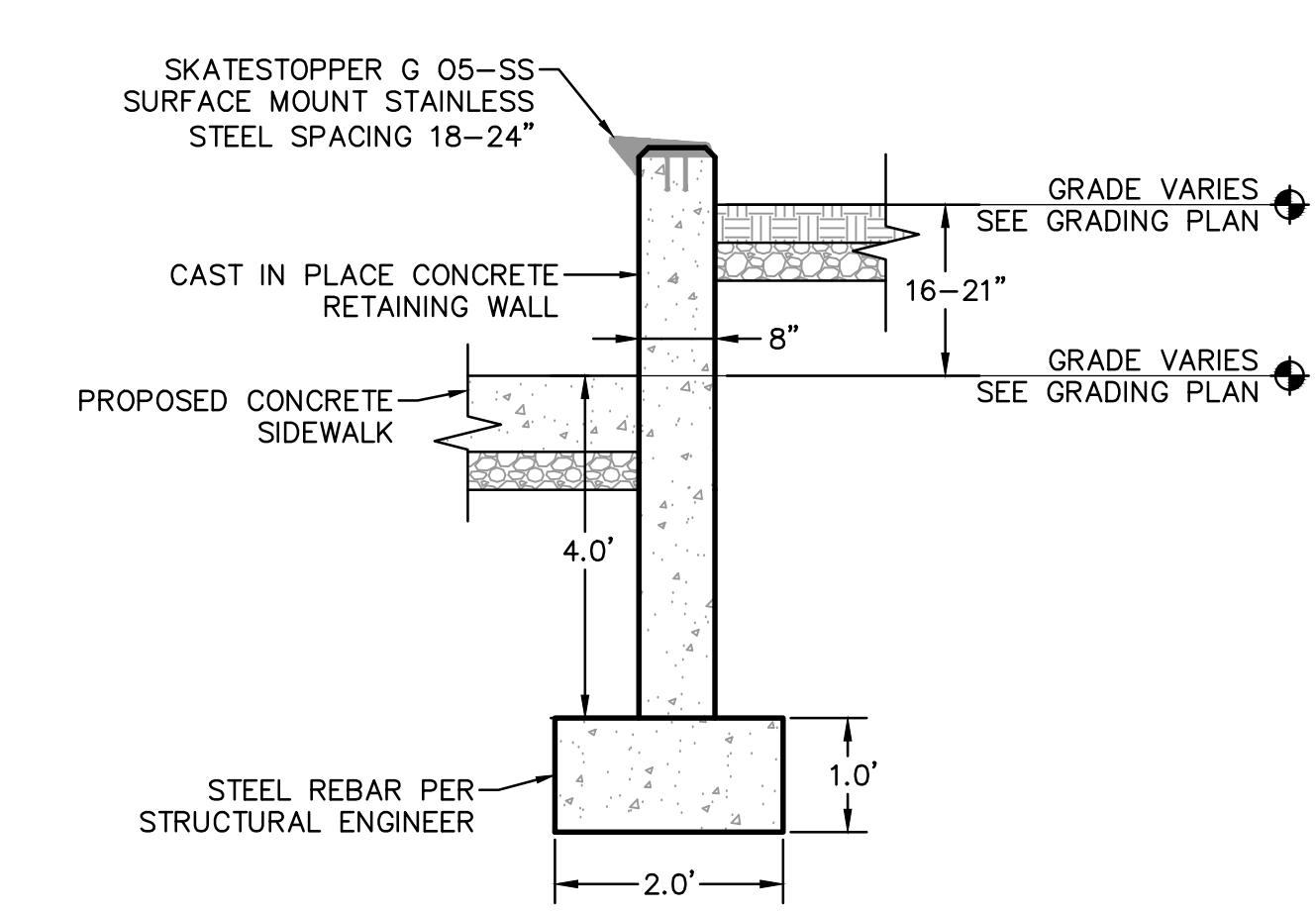
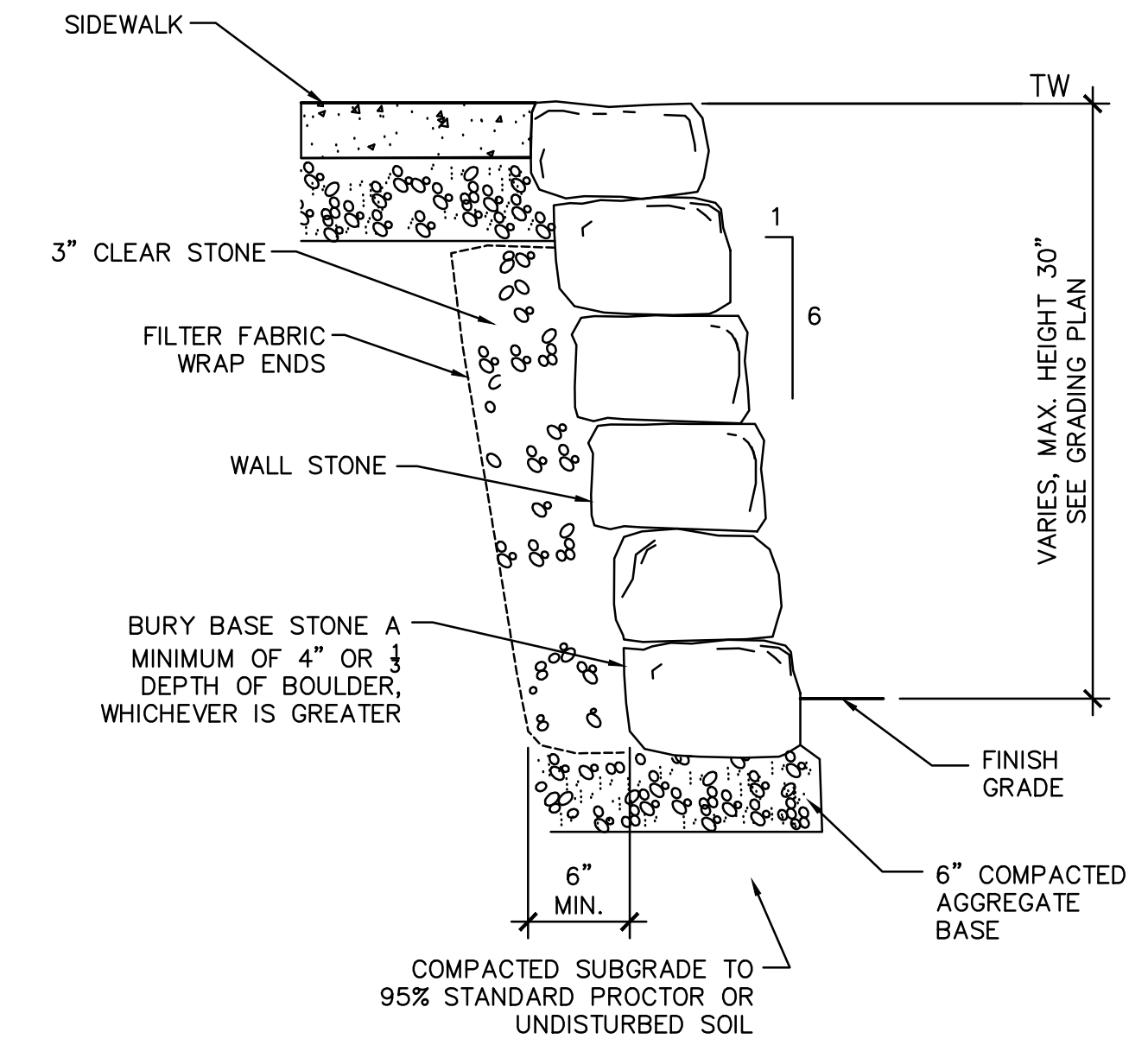
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GRADING PLAN

C300

DPD SUBMISSION

- LEGEND**
- 80 --- EXISTING 5-FT CONTOUR
 - 81 --- EXISTING 1-FT CONTOUR
 - 80 --- PROPOSED 5-FT CONTOUR
 - 81 --- PROPOSED 1-FT CONTOUR
 - 80.00 X PROPOSED SPOT GRADE AT CUTTER OR SPOT GRADE ON PAVEMENT
 - (80.50) X PROPOSED SPOT GRADE AT TOP OF CURB
 - 82.50TW 80.50BW X PROPOSED SPOT GRADE AT TOP OF WALL & BOTTOM OF WALL
 - PROPOSED GRADING SLOPE ARROW
 - - - - - LIMITS OF DISTURBANCE=0.6 AC
 - STORM SEWER INLET PROTECTION



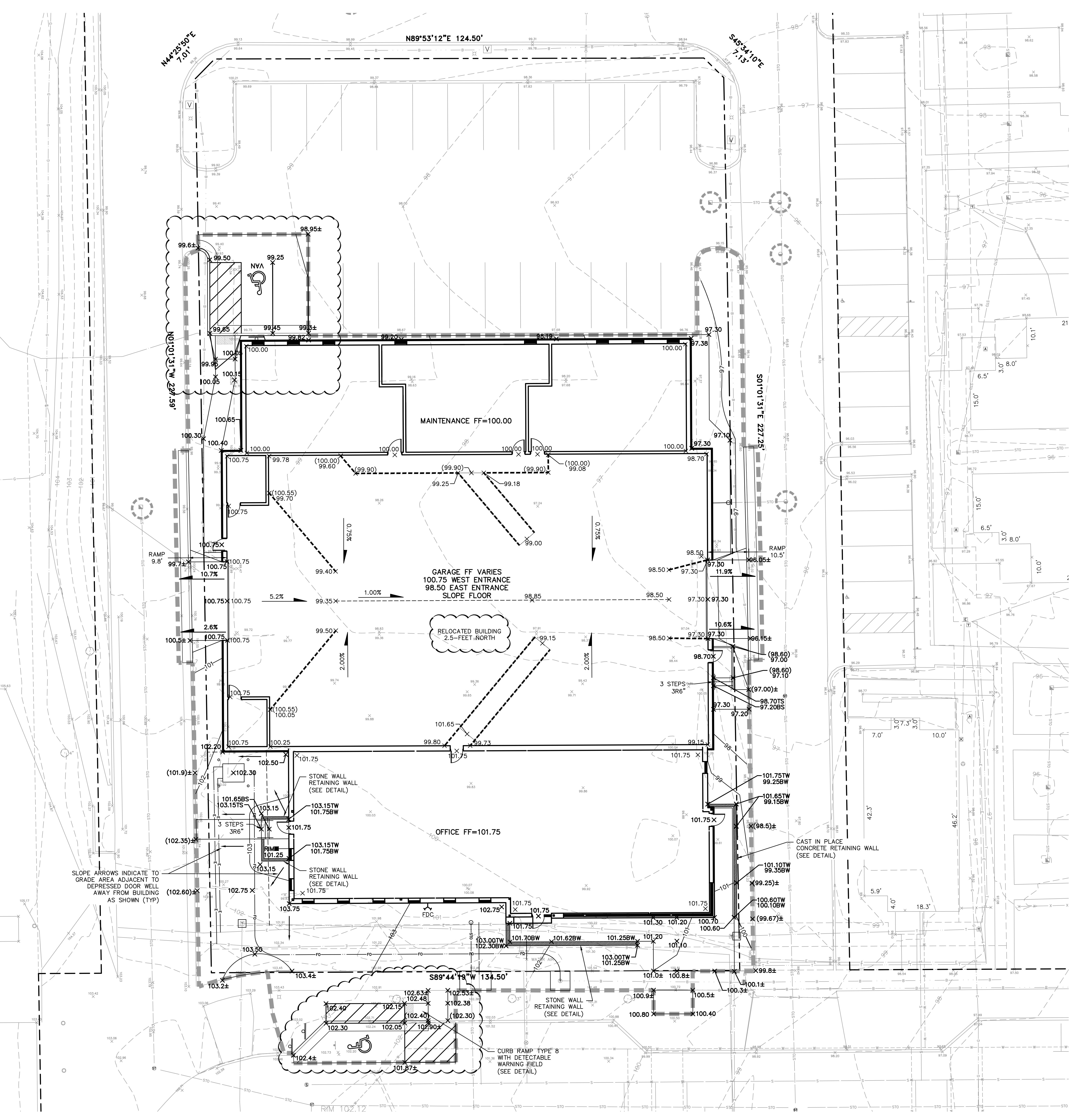
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RIM ELEVATIONS ARE GIVEN TO THE FACE OF CURB FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURE OR THE END OF PIPE, WHERE THERE IS AN ENDWALL.




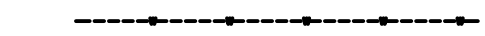
ALL RETAINING WALLS SHOWN ON THESE PLANS ARE FOR LOCATION AND MATERIAL REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONSULTING WITH A GEOTECHNICAL ENGINEER AND/OR STRUCTURAL ENGINEER FOR APPROPRIATE DESIGN CERTIFICATION PRIOR TO CONSTRUCTION, DEPENDING ON THE TYPE OF WALL FOR ALL CONCRETE BLOCK MODULAR SYSTEMS, CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION PER MANUFACTURER'S SPECIFICATIONS. ALL NECESSARY GEOTIRD, REINFORCEMENT, BACKFILL, COMPACTION AND DRAIN TILE ARE TO BE COORDINATED BETWEEN THE CONTRACTOR, GEOTECHNICAL ENGINEER, AND SUPPLIER. FOR ALL NATURAL STONE WALLS, CONTRACTOR IS RESPONSIBLE FOR INSTALLATION USING ALL NECESSARY MEANS TO INSURE PROPER SUB-BASE, BACKFILL, DRAIN TILE AND STABILITY. R.A.S.N. ASSUMES NO RESPONSIBILITY FOR THE INSTALLATION, GEOTECHNICAL INTEGRITY, OR STABILITY OF THESE RETAINING WALLS.

R.A. SMITH NATIONAL ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH NATIONAL.

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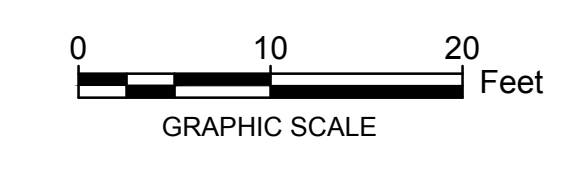
LEGEND

-  PROPOSED STORM SERVICE
-  PROPOSED STORM UNDERDRAIN
-  PROPOSED SANITARY SERVICE
-  PROPOSED WATER SERVICE

UTILITY NOTES

BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.

ALL EXISTING UNUSED SANITARY AND WATER SERVICE LATERALS SERVING THE SITE SHALL BE ABANDONED.



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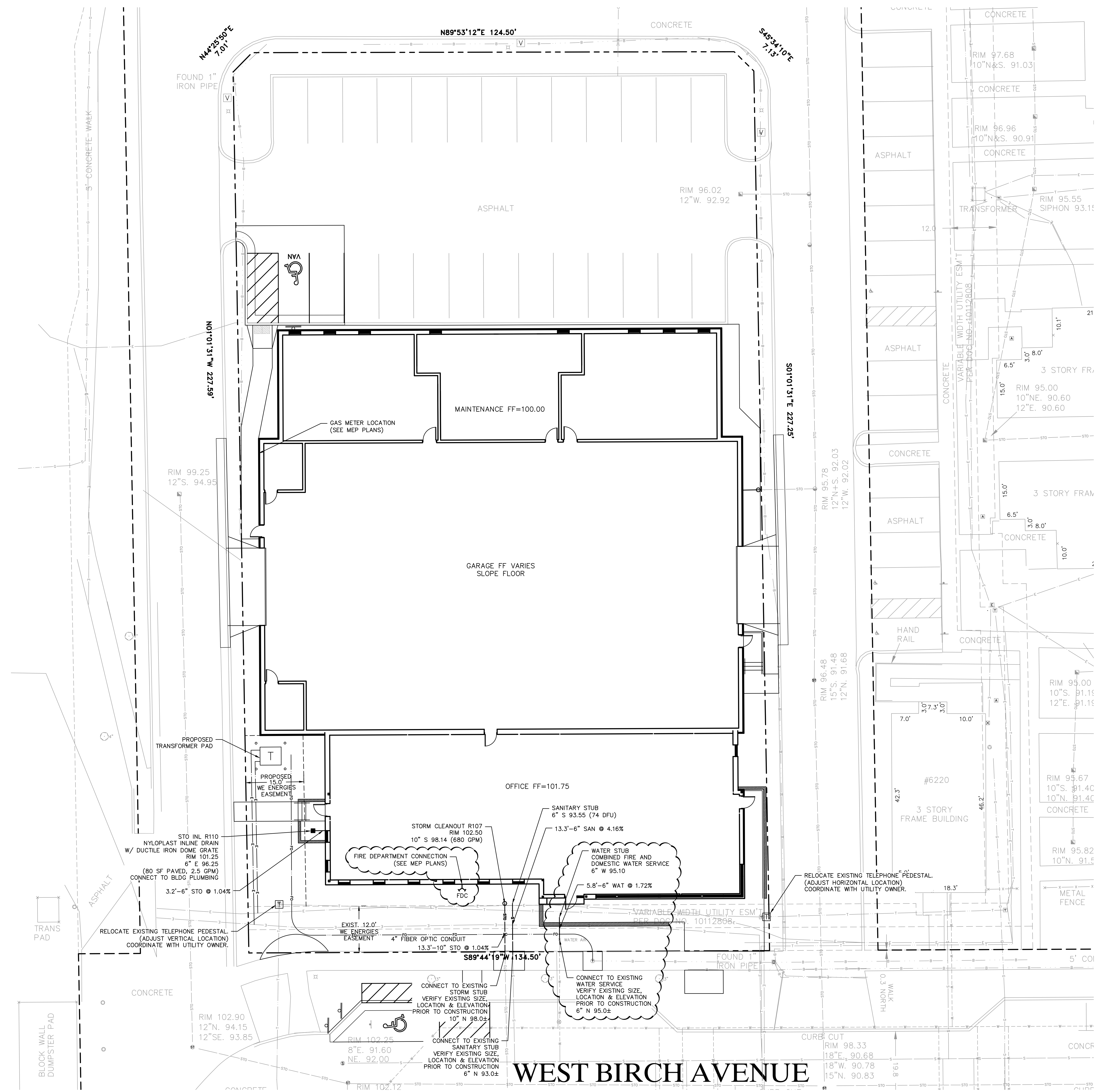
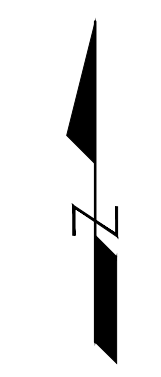
TRACER WIRE SHALL BE INSTALLED ON ALL NON-METALLIC SANITARY, STORM AND WATER MAINS, AND LATERALS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION, LATEST EDITION, AND ANY ADDITIONAL LOCAL REQUIREMENTS AS APPLICABLE.

ALL PROPOSED UTILITY IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN ADMINISTRATIVE CODE, SECTION SPS 382-397, LATEST EDITION; THE STANDARD SPECIFICATION FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, LATEST EDITION; AND CITY OF MILWAUKEE DEVELOPMENT REQUIREMENTS.

RIM ELEVATIONS ARE GIVEN TO THE FACE OF CURB FOR INLET GRATES OR THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURE OR THE END OF PIPE WHERE THERE IS AN ENDWALL.

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 Housing Authority of the City of Milwaukee
 414.286.2951

Civil Engineer
R.A. Smith National, Inc.
 Beyond Surveying and Engineering
 R.A. Smith National
 262.781.1000

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MANAGEMENT & MAINTENANCE FACILITY
 ADDRESS:
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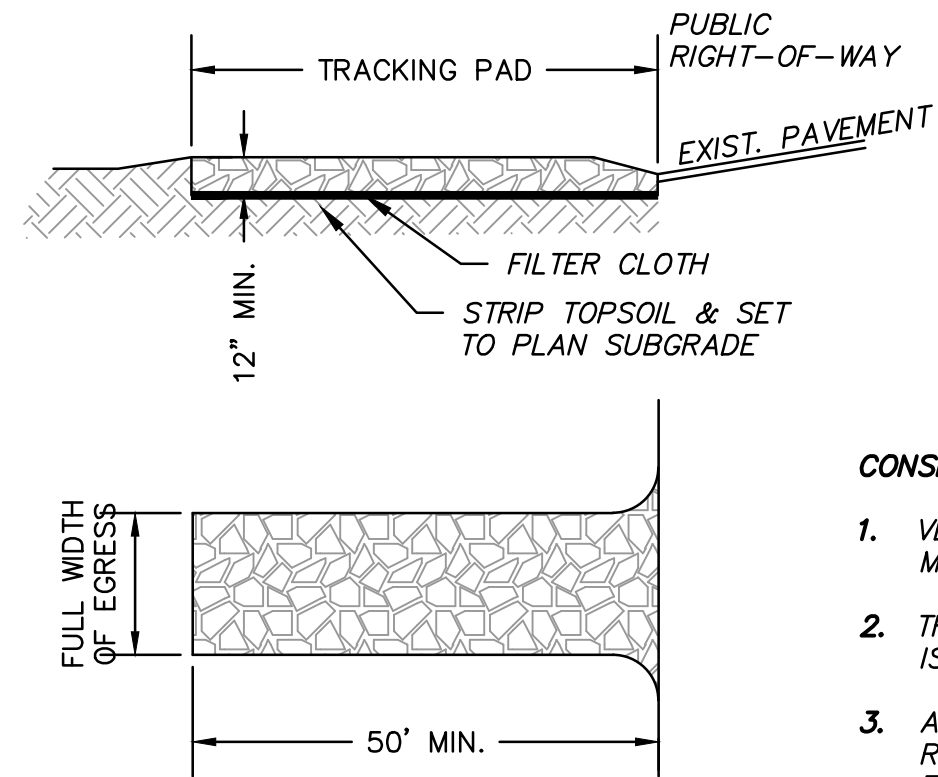
REVISIONS	DATE	BY	DESCRIPTION

KAP PROJECT NO. 14-125
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UTILITY PLAN
C400

DPD SUBMISSION

©KINDNESS ARCHITECTURE + PLANNING, INC.



CONSIDERATIONS:

1. VEHICLES TRAVELING ACROSS THE TRACKING PAD SHOULD MAINTAIN A SLOW CONSTANT SPEED.
2. THE BEST APPROACH TO PREVENTING OFF-SITE TRACKING IS TO RESTRICT VEHICLES TO STABILIZED AREAS.
3. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING, NOT FLUSHING, BEFORE THE END OF EACH WORKING DAY.

NOTES:

A. TRACKING PAD:

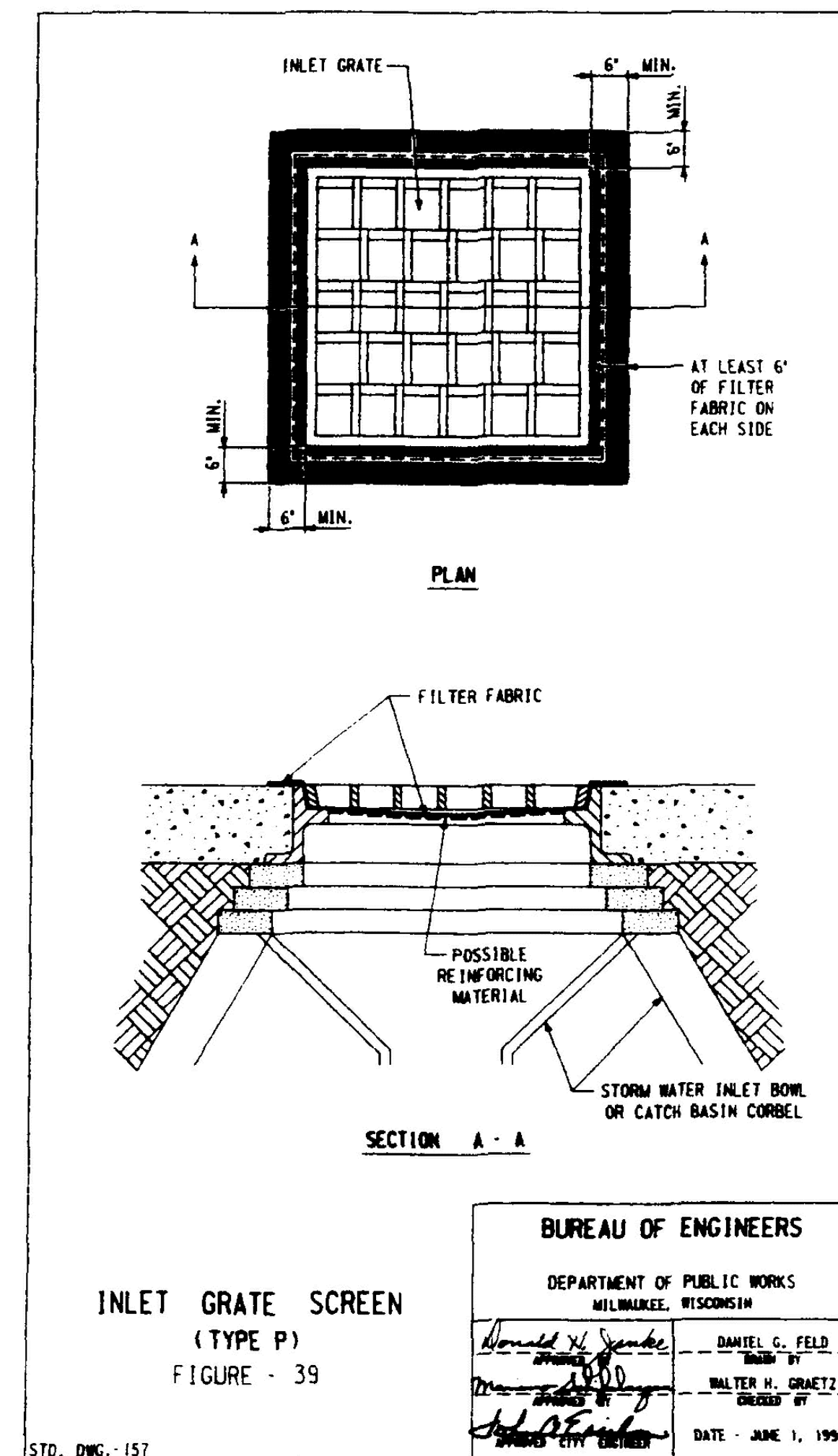
1. TRACKING PAD TO CONFORM TO WDNR CONSERVATION PRACTICE STANDARD 1057.
2. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE.
3. THE AGGREGATE FOR TRACKING PADS SHALL BE 3"- 6" CLEAR OR WASHED STONE. ALL MATERIAL SHALL BE RETAINED ON A 3-INCH SIEVE.
4. THE AGGREGATE SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. 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 WSDOT TYPE R GEOTEXTILE FABRIC TO PREVENT MIGRATION OF UNDERLYING SOIL INTO THE STONE.
5. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT. THE TRACKING PAD SHALL BE A MINIMUM OF 50 FEET LONG.
6. 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 OTHER SIMILAR PRACTICES.

B. MAINTENANCE

1. ROCKS LODGED BETWEEN THE TIRES IF DUAL WHEEL VEHICLES SHALL BE REMOVED PRIOR TO LEAVING THE CONSTRUCTION SITE.
2. TRACKING PADS AND TIRE WASHING STATIONS SHALL, AT A MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
3. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
4. A MINIMUM 12-INCH THICK PAD SHALL BE MAINTAINED.

STONE TRACKING PAD DETAIL

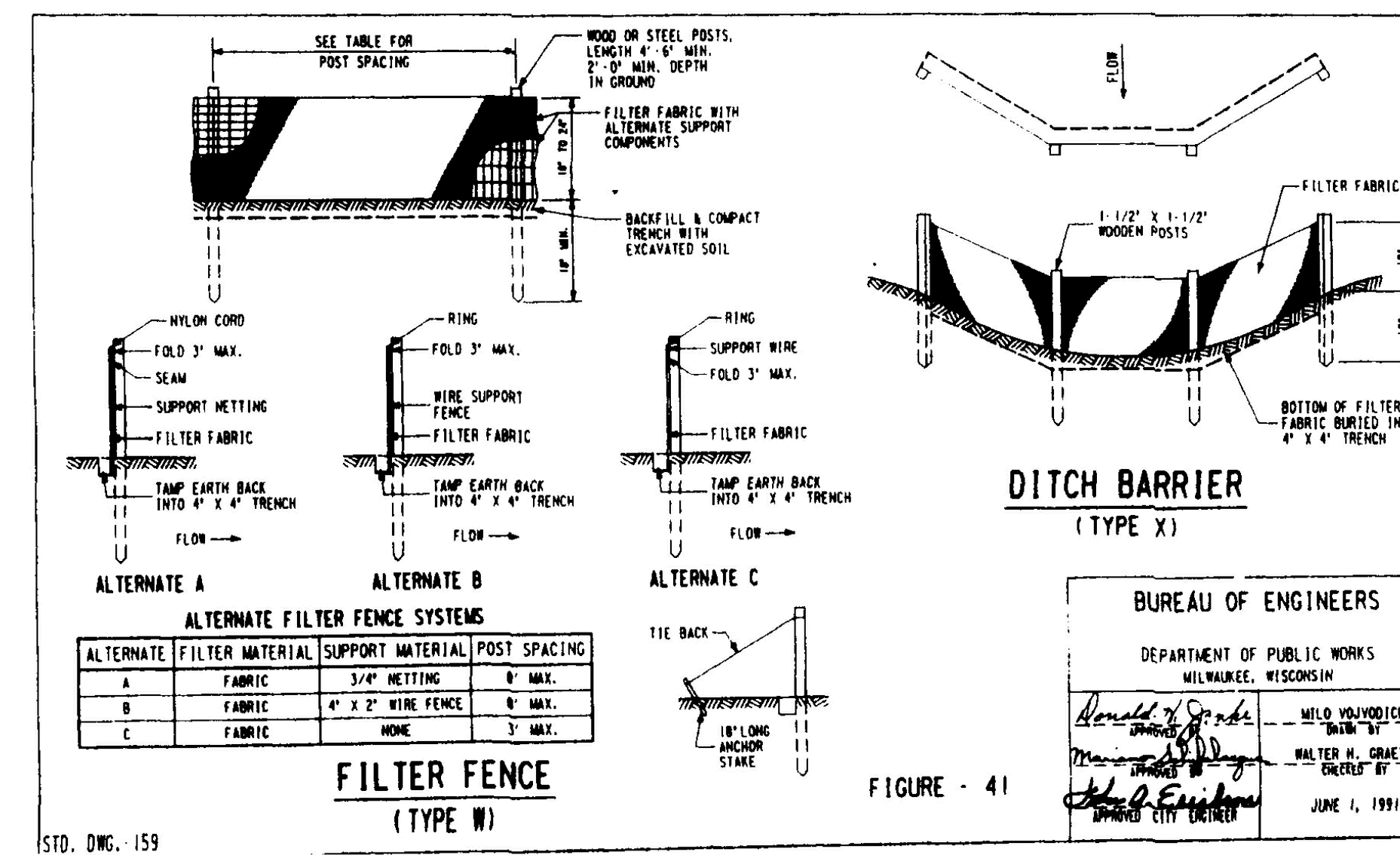
(NOT TO SCALE)



BUREAU OF ENGINEERS
DEPARTMENT OF PUBLIC WORKS
MILWAUKEE, WISCONSIN

INLET GRATE SCREEN
(TYPE P)
FIGURE - 39

DATE - JUNE 1, 1991



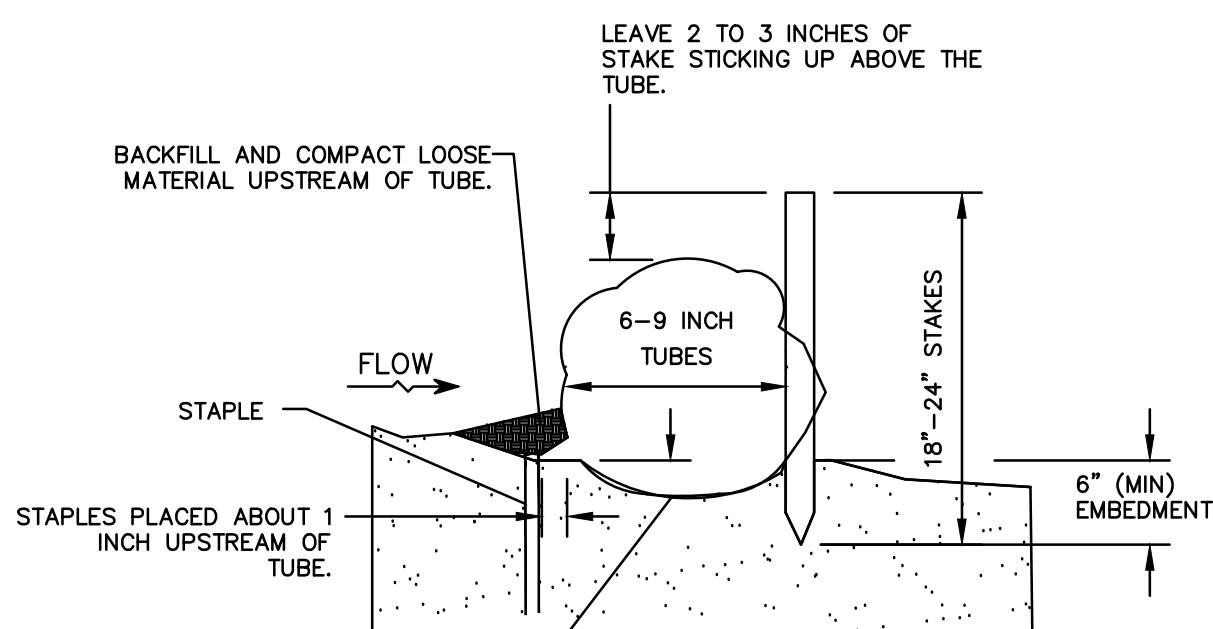
BUREAU OF ENGINEERS
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MILWAUKEE, WISCONSIN

ALTERNATE FILTER FENCE SYSTEMS

ALTERNATE	FILTER MATERIAL	SUPPORT MATERIAL	POST SPACING
A	FABRIC	3/4" METTING	6" MAX.
B	FABRIC	4" X 2" WIRE FENCE	8" MAX.
C	FABRIC	NONE	3" MAX.

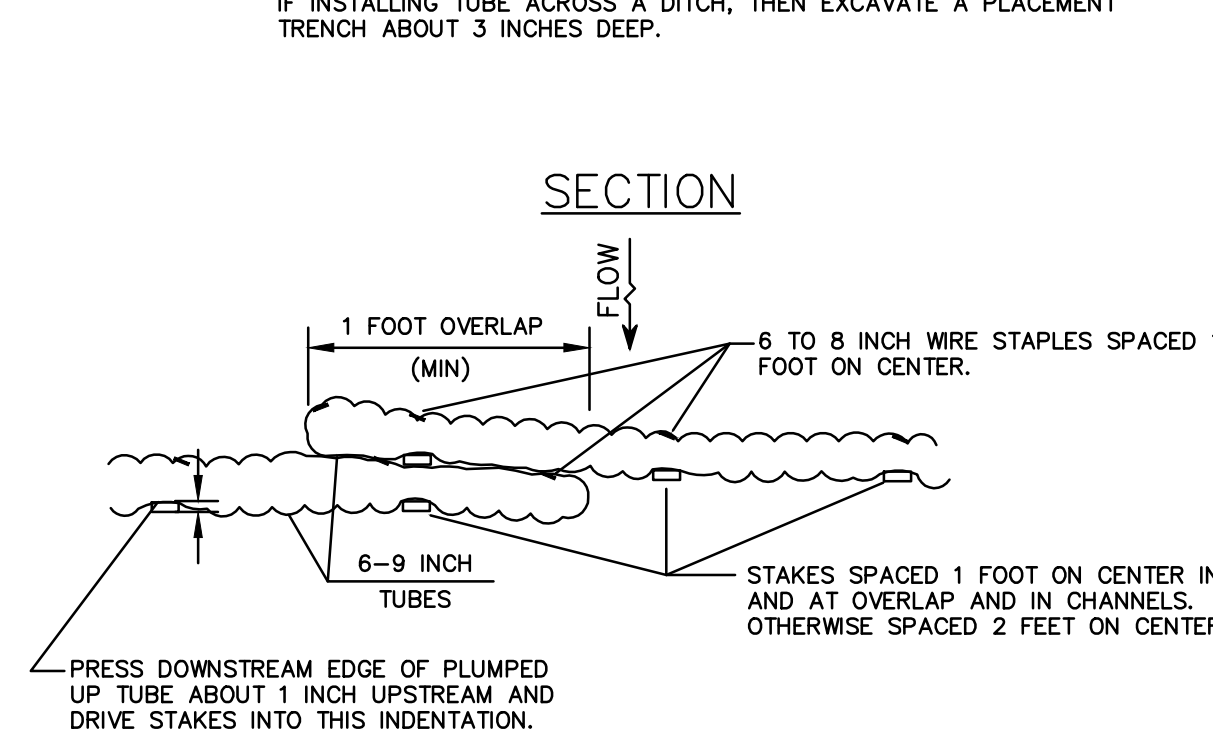
FIGURE - 41

DATE - JUNE 1, 1991

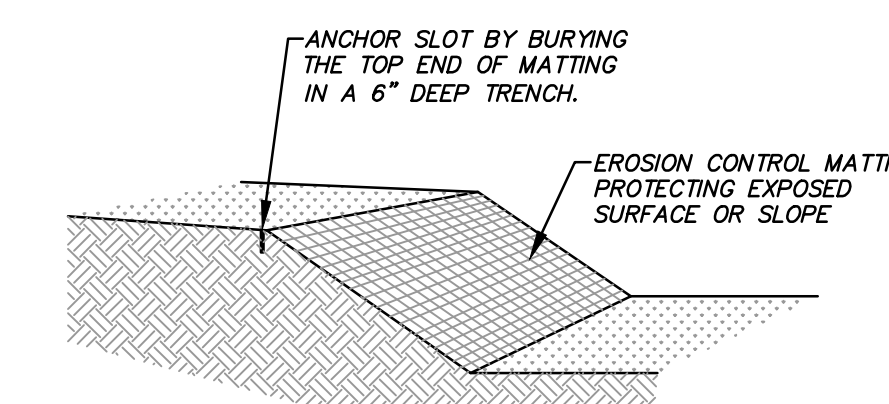


BEFORE INSTALLATION OF TUBE, SMOOTH AND SHAPE EARTH SURFACE AND REMOVE ALL STONES, ROOTS, OR OTHER DEBRIS GREATER THAN 2 INCHES IN DIAMETER.

IF INSTALLING TUBE ACROSS A DITCH, THEN EXCAVATE A PLACEMENT TRENCH ABOUT 3 INCHES DEEP.



STRAW WATTLE



NOTES:

1. PRIOR TO THE INSTALLATION OF ANY EROSION CONTROL MATTING, ALL ROCKS, DIRT CLODS, STUMPS, ROOTS, TRASH, AND ANY OTHER OBSTRUCTIONS WHICH WOULD PREVENT THE MAT FROM LAYING IN DIRECT CONTACT WITH THE SOIL SHALL BE REMOVED.
2. THE MATTING SHALL BE ANCHORED ALONG ITS ENTIRE PERIMETER WITH A 6"x6" ANCHOR TRENCH. AFTER MATTING IS LAID IN TRENCH, BACKFILL, AND COMPACT WITH SOIL OR GRAVEL.
3. THE MATTING SHALL BE ANCHORED TO THE GROUND USING 10 GAUGE WIRE STAPLES, 6" IN LENGTH BY 1" WIDE WITH A COVERAGE NOT LESS THAN 1 STAPLE PER EVERY 4 SQUARE FEET OF MATTING.
4. INSTALLATIONS SHALL ALSO BE IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDED GUIDELINES.
5. EROSION CONTROL MATTING SHALL BE ONE OF THE FOLLOWING:
 - A. JUTE MAT COMPOSED OF A JUTE TARNY WEAVED IN A BASIC MANNER AND FREE OF ANY DYE AND HAVING A MINIMUM UNIT WEIGHT OF 2.7 LBS. PER SQ. YARD.
 - B. WOOD FIBER MAT COMPOSED OF WOOD FIBERS ENCASED IN A NETTING MADE OF NYLON, COTTON OR SIMILAR MATERIAL AND HAVING A MINIMUM UNIT WEIGHT OF 1.0 LBS. PER SQ. YARD.
 - C. SYNTHETIC WEAVING MAT MADE OF POLYVINYL CHLORIDE POLYPROPYLENE MONOPOLYMER HAVING A MINIMUM UNIT WEIGHT OF 11 OUNCES PER SQ. YARD AND A MINIMUM TENSILE STRENGTH OF 25 LBS. IN ALL DIRECTIONS. (ASTM D-1682.64)
6. MATTED AREAS MUST BE INSPECTED ON A WEEKLY BASIS, AND AFTER EACH SIGNIFICANT RAINFALL, BARE SPOTS, MISSING OR LOOSE MATTING MUST BE IMMEDIATELY REPLACED AND/OR RE-ANCHORED.
7. STAPLES SHALL BE REMOVED FROM THE GROUND ONCE THE THREAT OF EROSION HAS PASSED AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.

EROSION CONTROL MATTING DETAIL

GENERAL NOTES GRADING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION. THIS MAY INCLUDE THE EXCAVATION OF TEMPORARY DITCHES OR PUMPING TO ALLEVIATE WATER PONDING.
3. SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE THREAT OF EROSION HAS PASSED WITH THE APPROVAL OF THE GOVERNING AGENCY.
4. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
5. GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
6. NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
7. ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND PROJECT MANUAL.

KINDNESS architecture+

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414.286.2951

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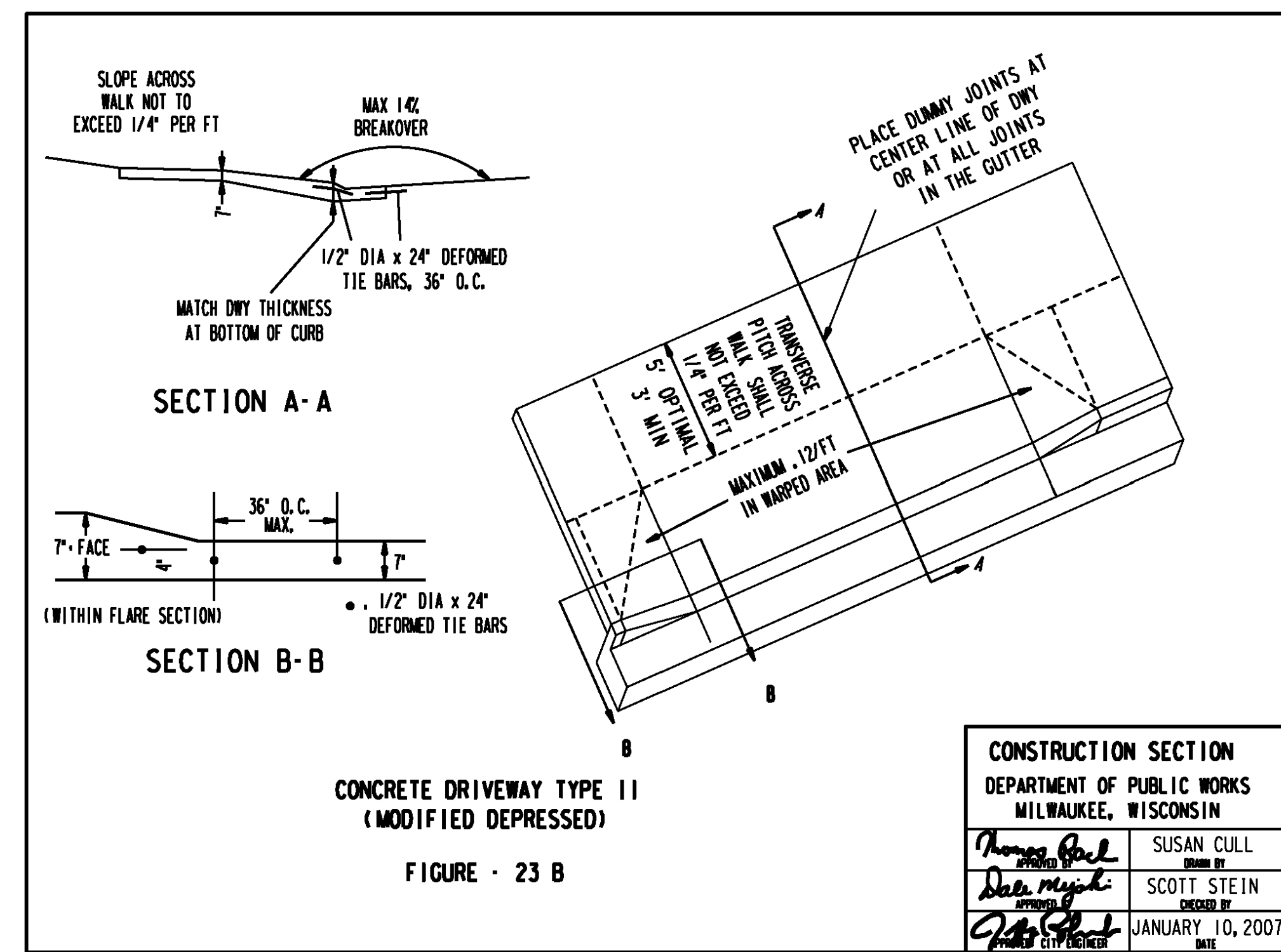
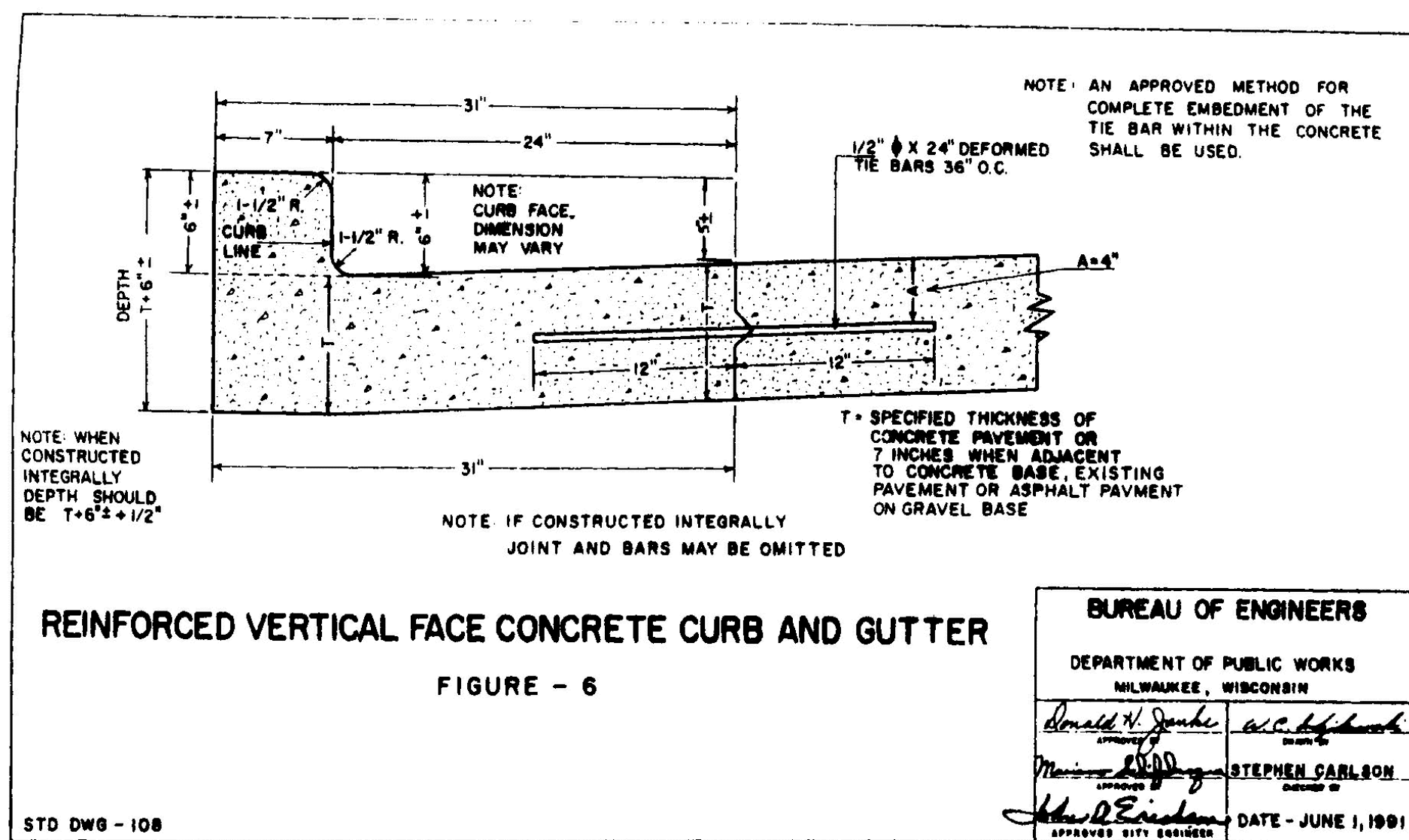
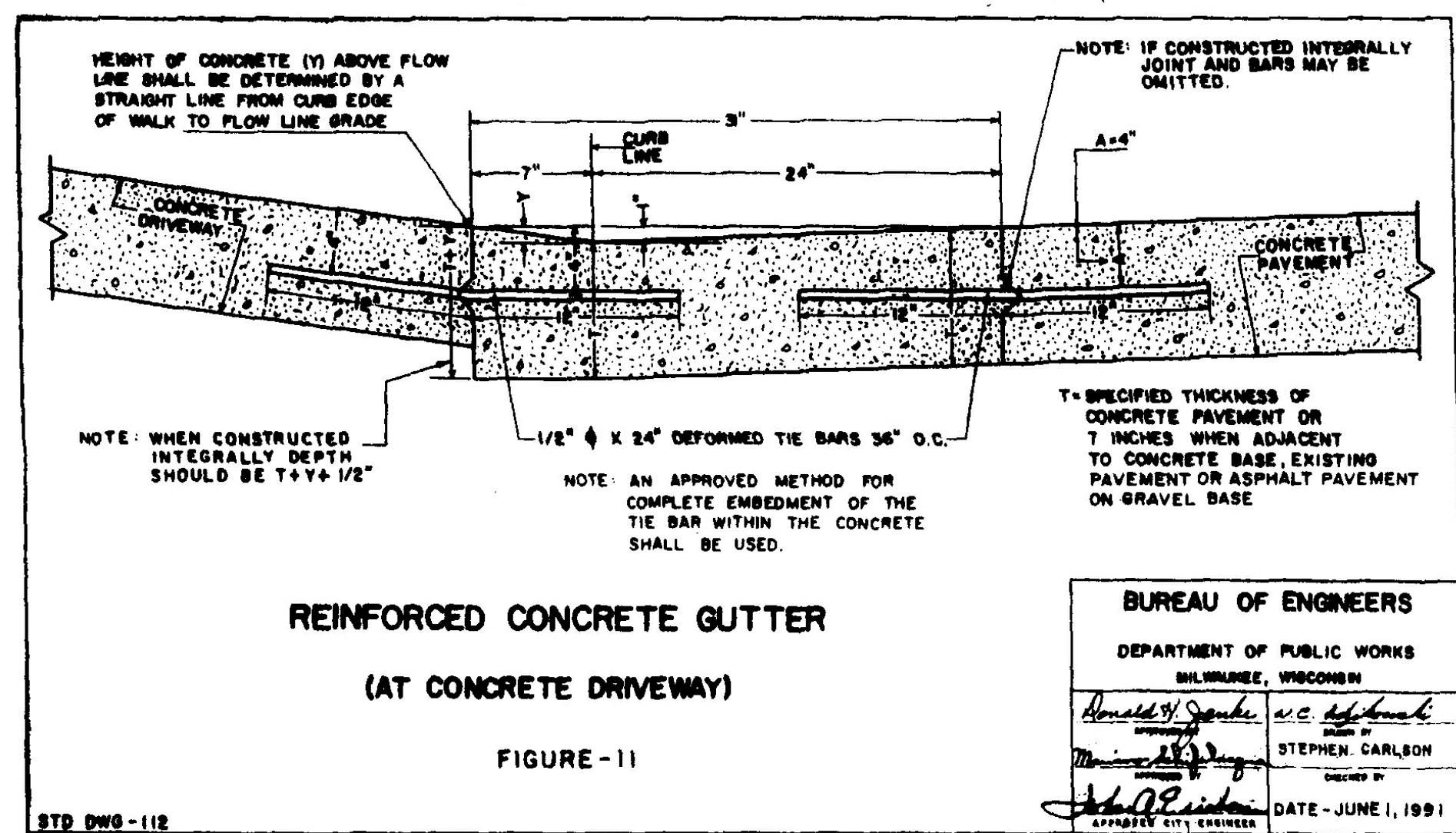
DPD SUBMISSION

KAP PROJECT NO. 14-125
SCALE AS NOTED
PHASE CD
DATE 02.27.15

CIVIL DETAILS
EROSION CONTROL

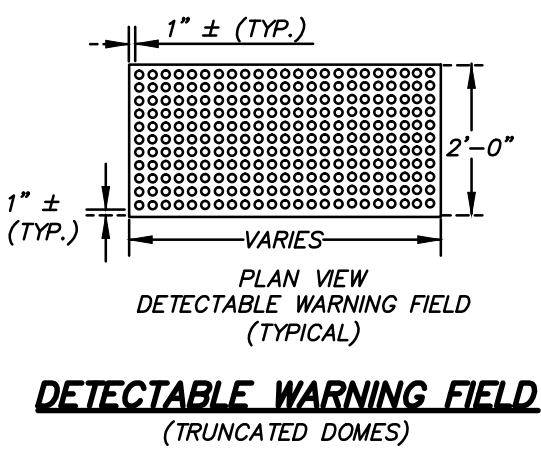
C500

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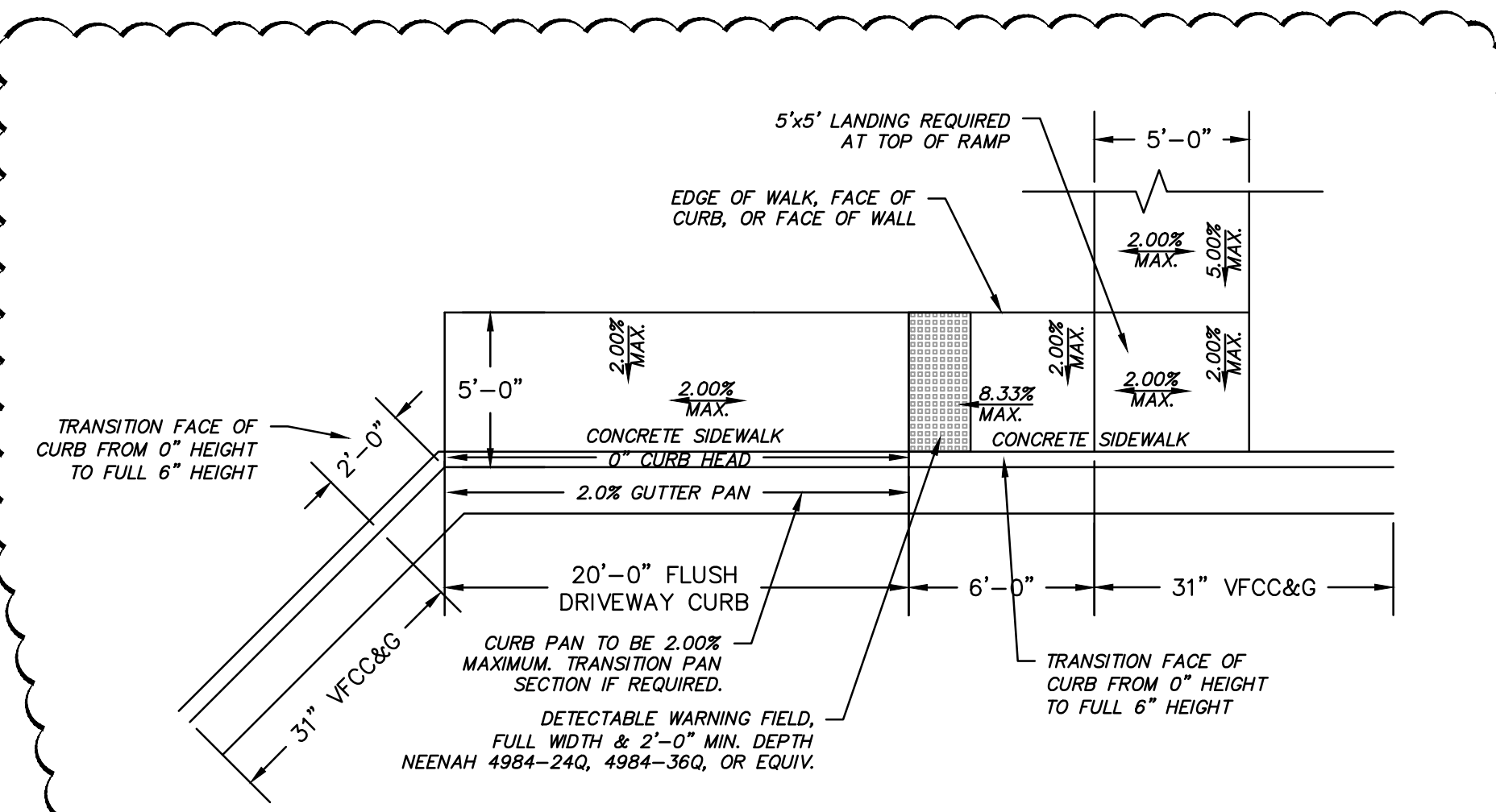


	MIN.	MAX.
A	1.8"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

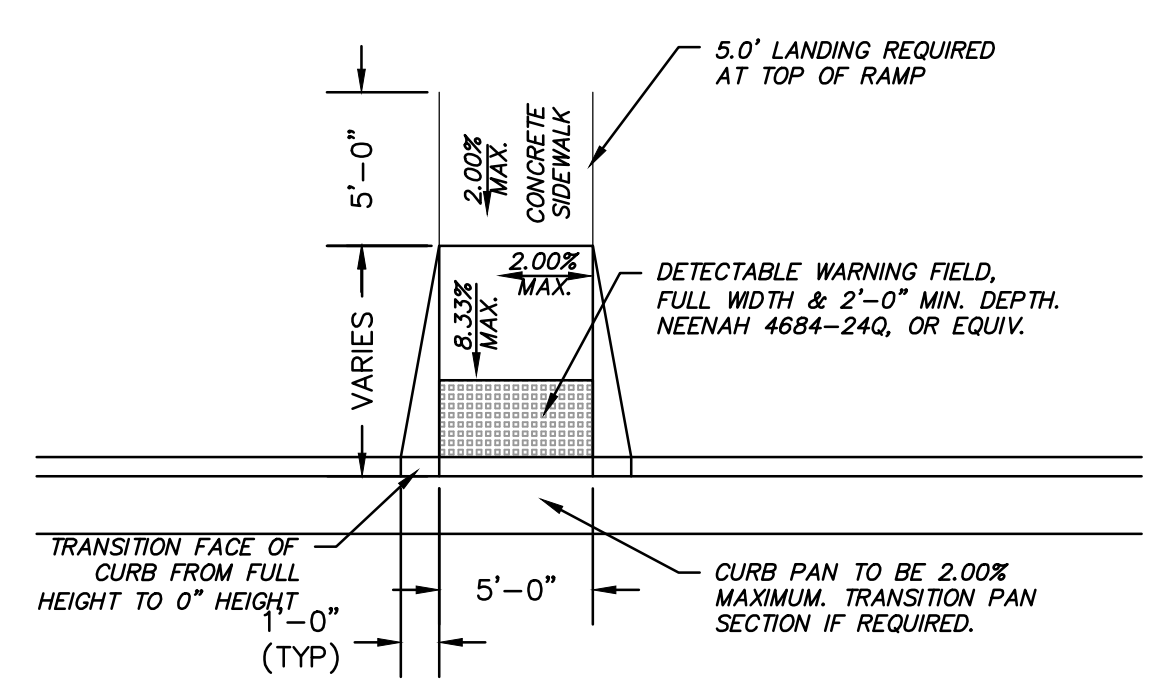
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



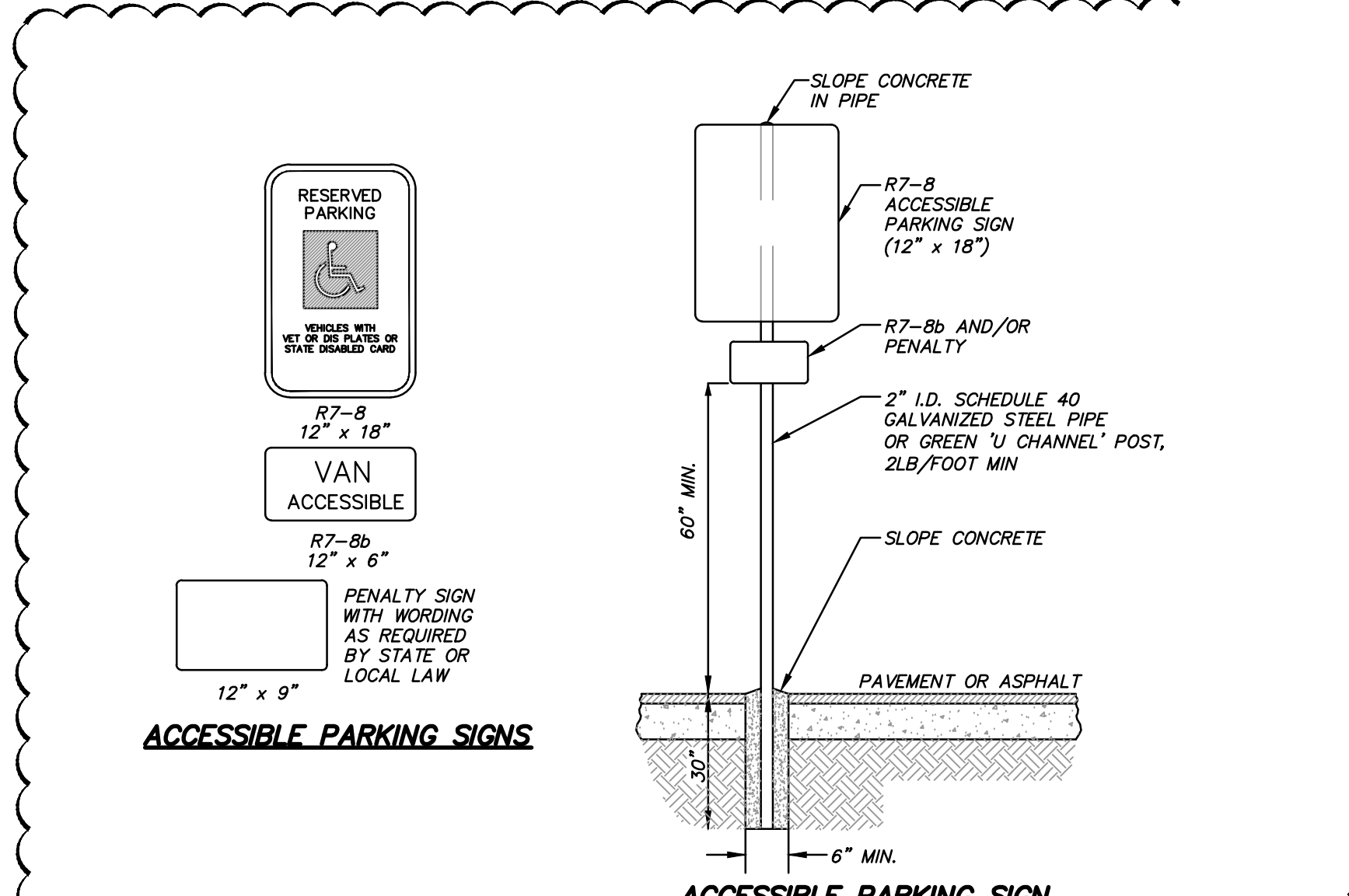
- DETECTABLE WARNING FIELD (TRUNCATED DOMES)**
- NOTES:
- DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
 - DETECTABLE WARNING FIELDS SHALL BE NEENAH DETECTABLE WARNING PLATES 4984-240, OR EQUIV.
 - CURB RAMP DETECTABLE WARNING FIELDS TO BE INSTALLED 6 TO 8 INCHES FROM THE FACE OF CURB.



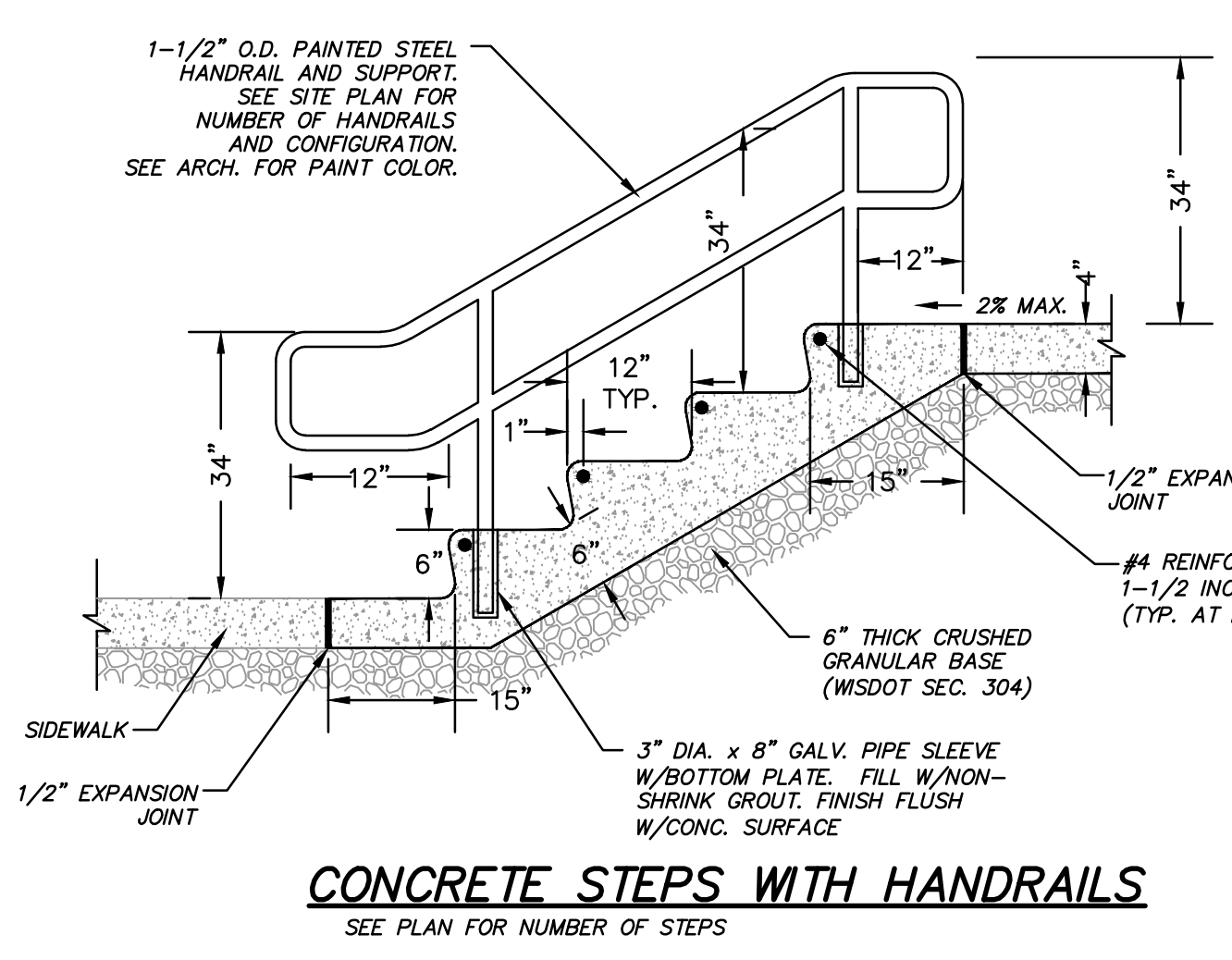
- TYPE B CURB RAMP**
- NOTES:
- SURFACE OF CURB RAMP SHALL HAVE A BROOM FINISH OR SIMILAR SLIP RESISTANT SURFACE.



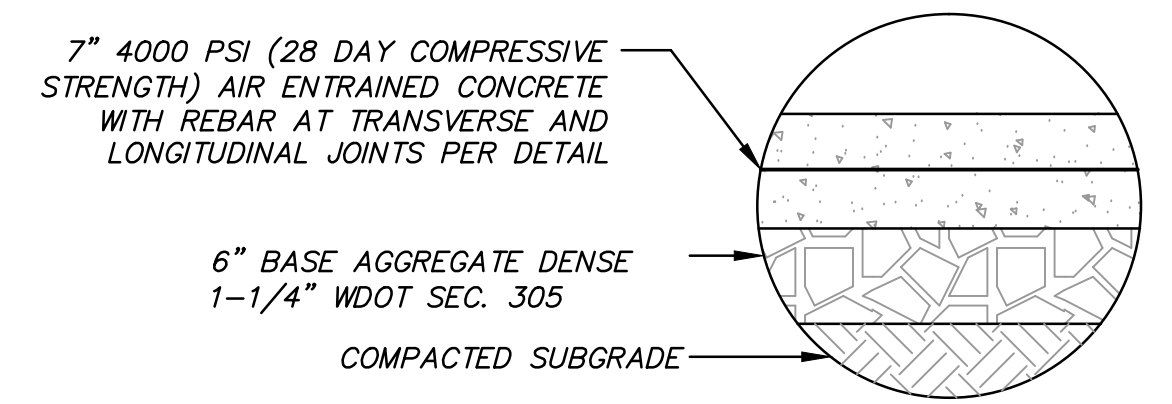
- TYPE 3A CURB RAMP**
- NOTES:
- SURFACE OF CURB RAMP SHALL HAVE A BROOM FINISH OR SIMILAR SLIP RESISTANT SURFACE.



ACCESSIBLE PARKING SIGNS

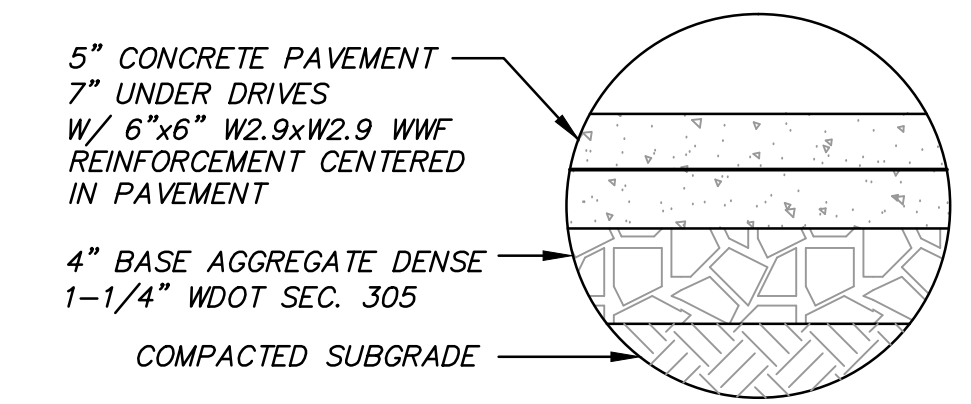


CONCRETE STEPS WITH HANDRAILS

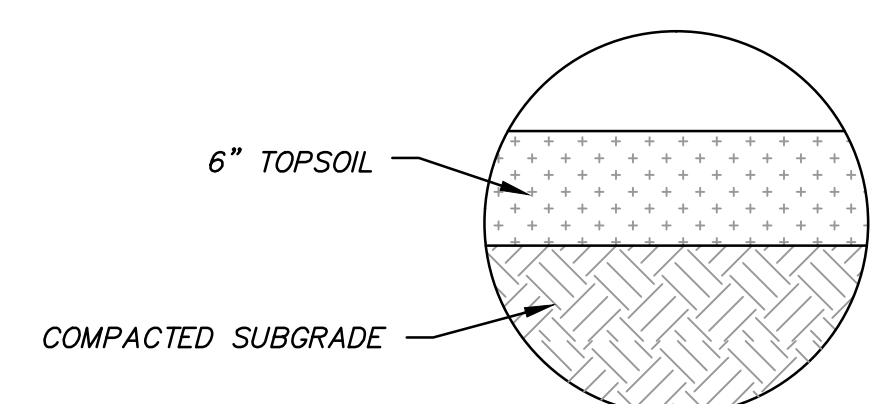


HEAVY DUTY CONCRETE PAVEMENT SECTION

- PAVEMENT SECTIONS PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
- A GEOTECHNICAL ENGINEERING REPORT HAS BEEN PREPARED. THIS REPORT SHALL BE OBTAINED THROUGH THE OWNER.
- BEFORE PAVING, PAVEMENT SUBGRADES SHOULD BE PROOF ROLLED. PROOF ROLLING SHOULD BE ACCOMPLISHED WITH A LOADED TANDEM-AXLE DUMP TRUCK (MIN. GROSS WEIGHT 25 TONS) OR OTHER APPROVED RUBBER-TIRED EQUIPMENT PROVIDING AN EQUIVALENT SUBGRADE LOADING. UNSUITABLE AREAS SHOULD BE IMPROVED BY SCARIFICATION AND COMPACTION OR BE REMOVED AND REPLACED WITH ENGINEERED FILL.
- CONTRACTION JOINTS, MADE TRANSVERSE TO THE DIRECTION OF TRAFFIC FLOW, SHOULD BE MADE AT INTERVALS OF 15 FEET OR LESS, PROPERLY REINFORCED WITH LUBRICATED SMOOTH DOWEL BARS (3/4 IN. DIAMETER, 18 INCHES IN LENGTH) AND PLACED 18-INCHES ON CENTER.
- CONSTRUCTION MATERIALS AND PROCEDURES SHOULD BE IN ACCORDANCE WITH SECTION 305 AND 415 OF THE WSDOT STANDARD SPECIFICATIONS.



CONCRETE SIDEWALK SECTION



LANDSCAPED AREAS (ALL NON-PAVED AREAS)

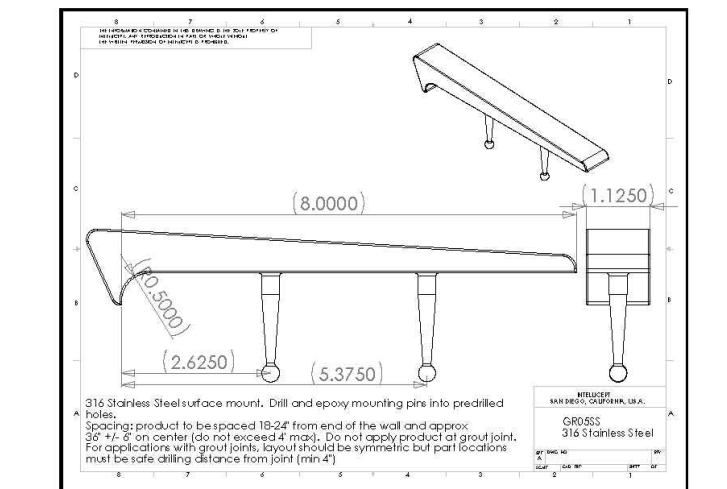


SKATESTOPPERS INSTALLATION PERSPECTIVE

PRODUCT DETAILS
G 05-SS
(G Series - Surface Mount Stainless Steel)

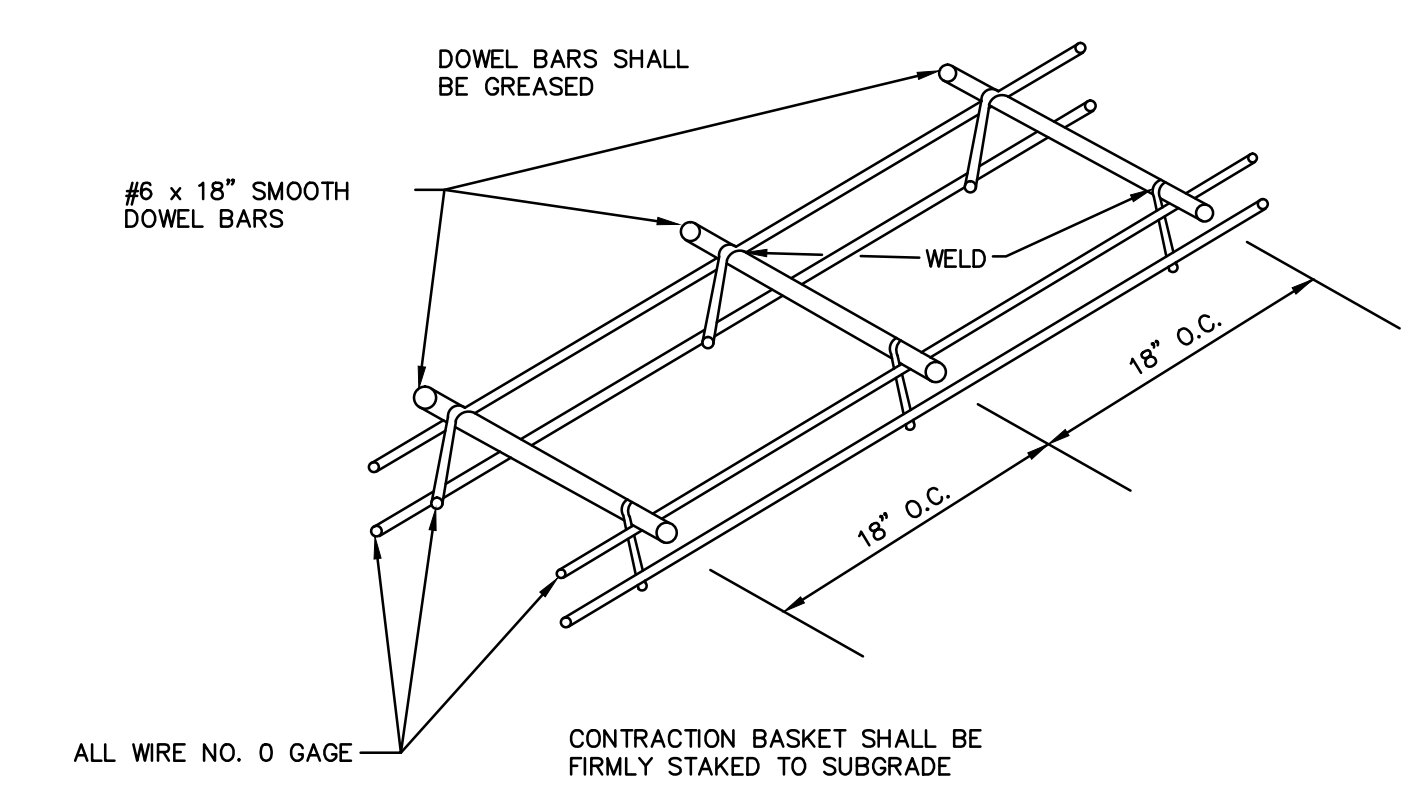
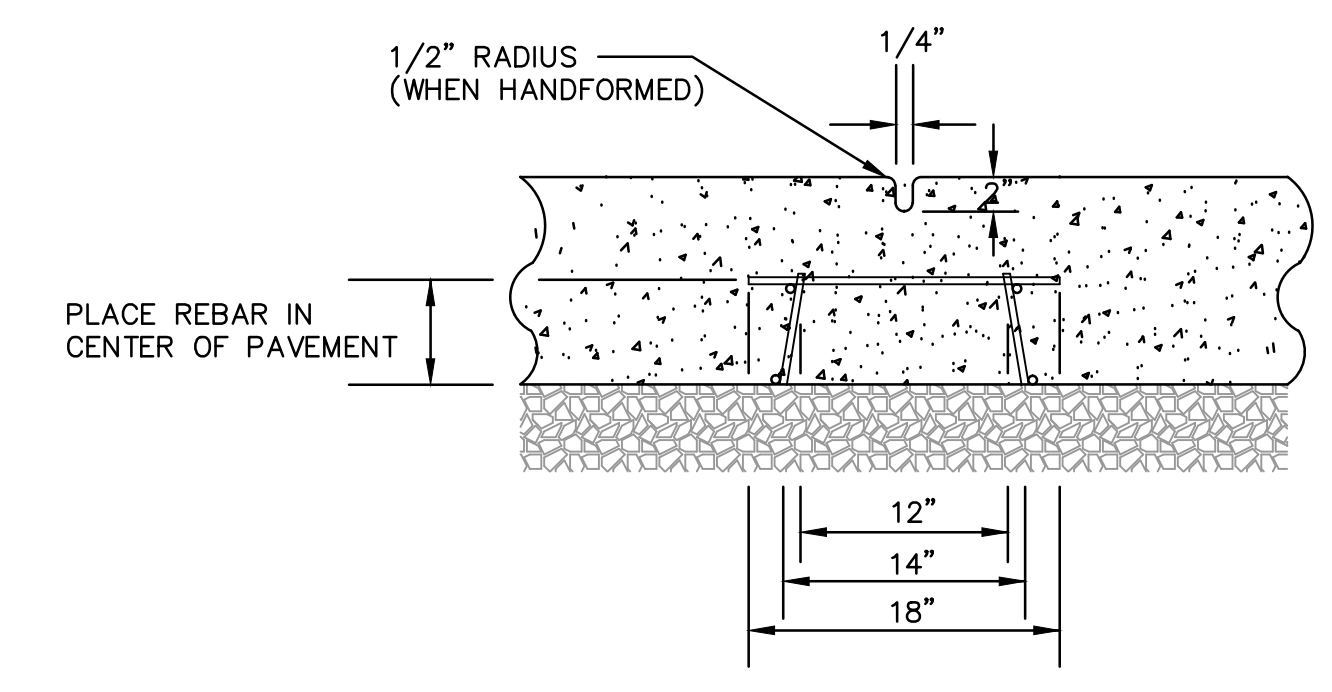


Description: This 316 Stainless Steel part is designed for walls with 1/2" radius edge. G 05-SS is most commonly used on concrete. This part uses two concealed G PIN anchors.



- Material:** 316 Stainless Steel
- Standard Finish:** Blast
- Optional Finish:** Brushed
- Corner Radius:** For corner from 1/2" radius.
- Outside Dimensions:** 1-1/8" (wide) x 8" (deep) x 1" (tall)
- Anchoring:** Anchored with two blind G PINS anchor pins. Use anchors in conjunction with two-part epoxy.
- Product Spacing:** 18"-24" from end of planters/walls and approximately 36" centers (not to exceed 48"). Do not apply product at grout joint. For applications with grout joints, layout should be symmetric but part locations must be safe drilling distance from joint (min 4").

SKATESTOPPERS SKATEBOARD DETERRENT FOR CONCRETE RETAINING WALL



CONCRETE PAVEMENT TRANSVERSE JOINTS (IN HEAVY DUTY PAVEMENT)

Owner
Housing Authority of the City of Milwaukee
414.286.2951

Civil Engineer
R.A. Smith National, Inc.
Beyond Surveying and Engineering
R.A. Smith National
262.781.1000

PROJECT:
MANAGEMENT & MAINTENANCE FACILITY

ADDRESS:
**6236 W. Birch Ave.
Milwaukee, WI 53218**

REVISIONS	DATE	DESCRIPTION
TAG		

KAP PROJECT NO. 14-125
SCALE AS NOTED
PHASE CD
DATE 02.27.15

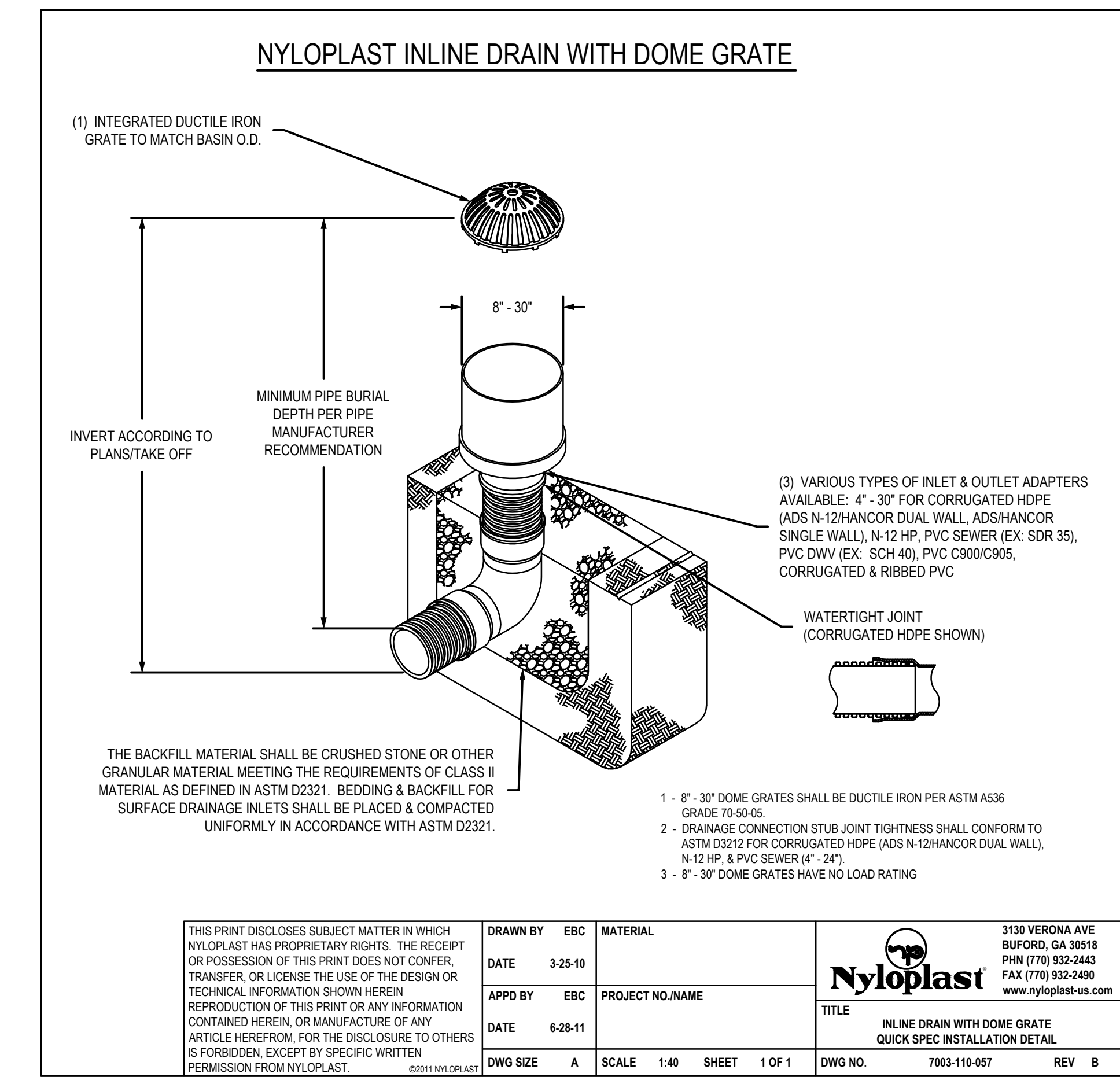
CIVIL DETAILS PAVING

C501

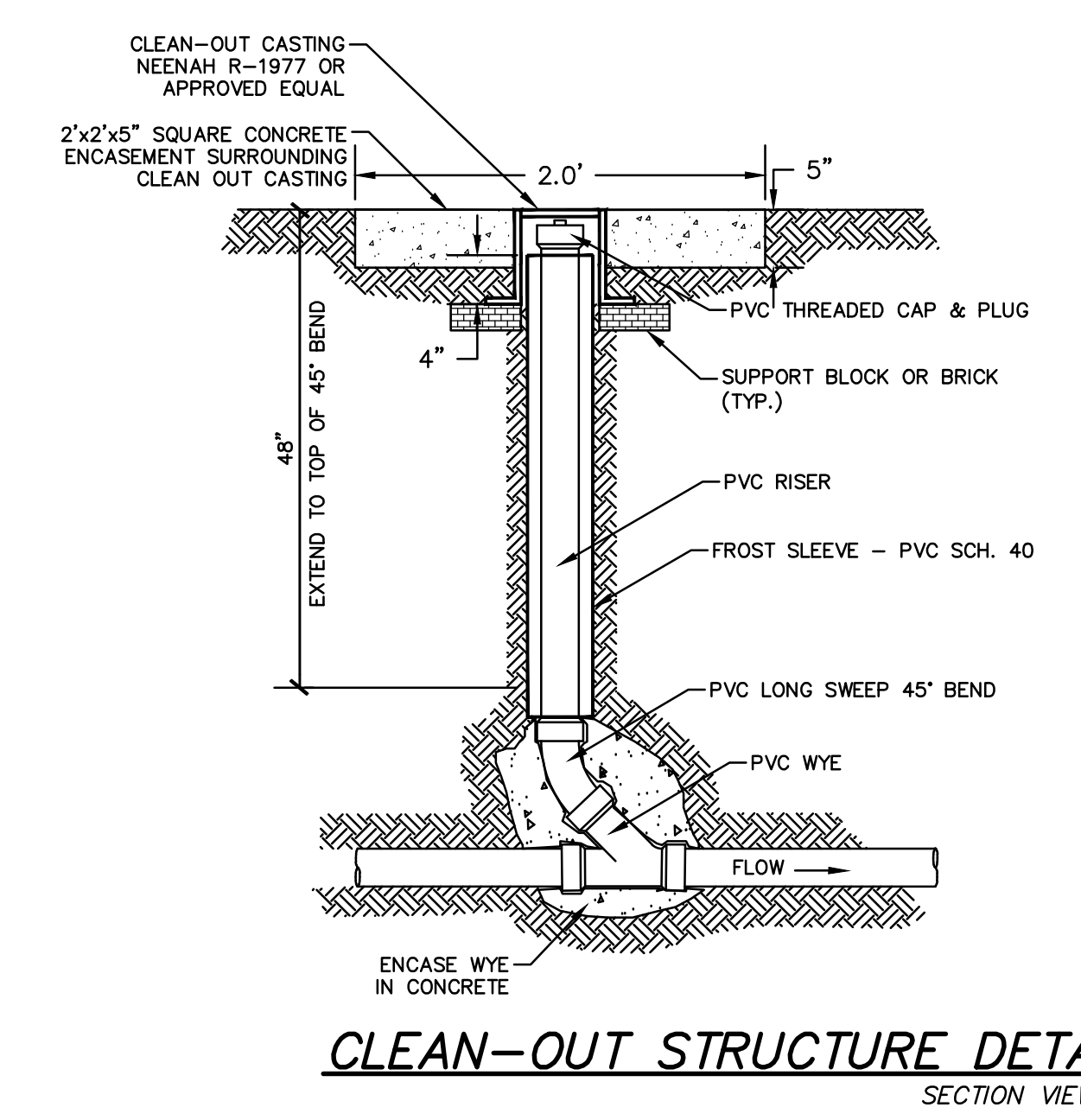
DPD SUBMISSION

Owner
Housing Authority of
the City of Milwaukee
414.286.2951

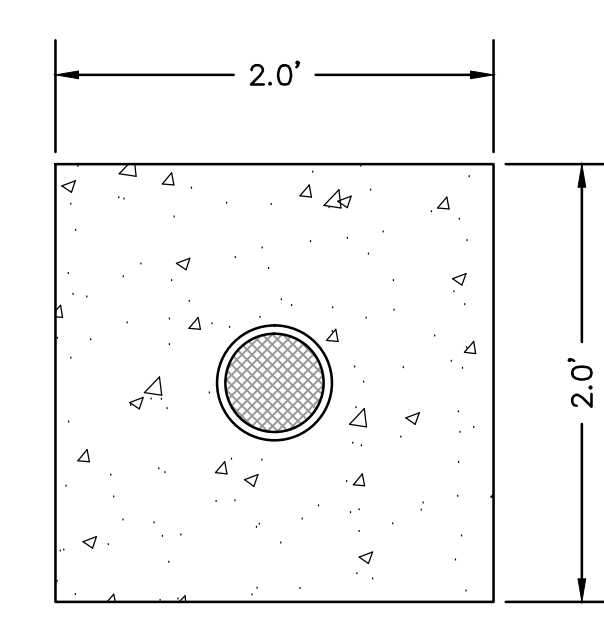
Civil Engineer
R.A. Smith National, Inc.
Beyond Surveying
and Engineering
R.A. Smith National
262.781.1000



STORM SEWER AREA DRAIN
NYLOPLAST INLINE DRAIN WITH DOME GRATE

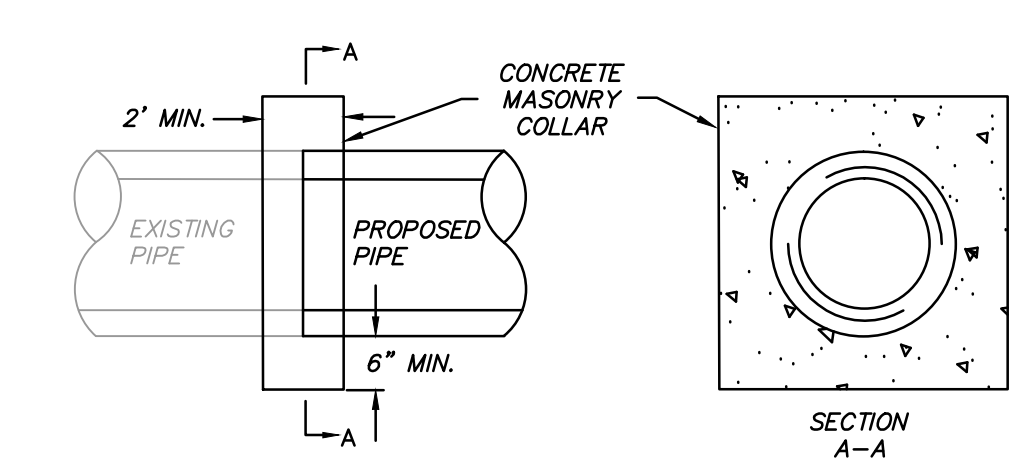


CLEAN-OUT STRUCTURE DETAIL
SECTION VIEW

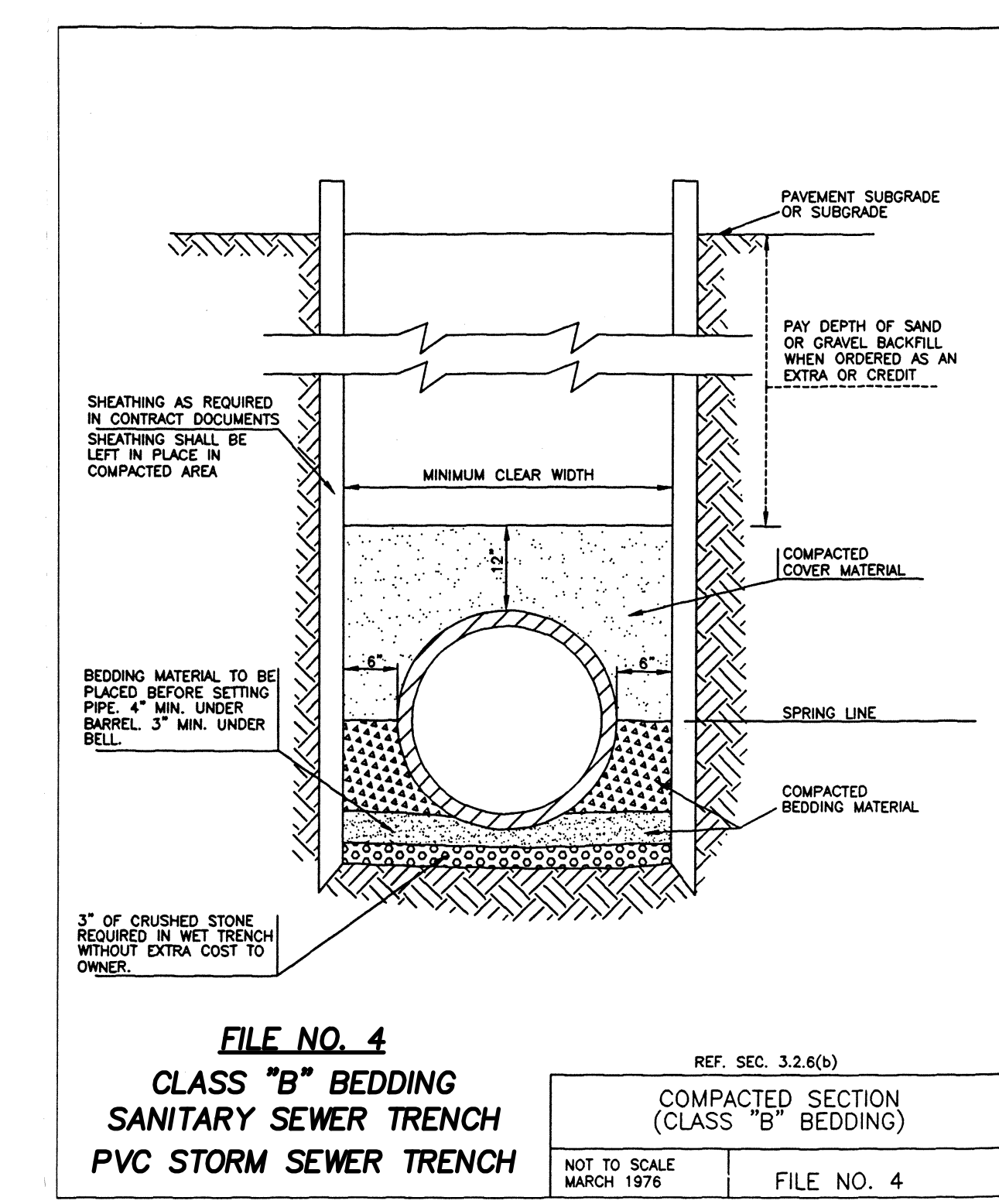


CLEAN-OUT CASTING ENCASEMENT
TOP VIEW

- NOTES:
1. PVC RISER PIPE SHALL BE EXTENDED ABOVE GROUND LEVEL INITIALLY & THEN IT SHALL BE CUT BACK TO MATCH FINAL GRADE.
 2. POSITION CLEAN-OUTS UPSTREAM OF BENDS, WHEN FEASIBLE.
 3. CLEAN-OUT CASTING SHALL BE CAST IRON.
 4. CLEAN-OUT CASTING ENCASEMENT SHALL BE CONSTRUCTED AT FINISH GRADE PER GRADING PLAN.



CONCRETE PIPE COLLAR
INSTALL AT ALL CONNECTIONS TO EXISTING SANITARY AND STORM LATERAL CONNECTIONS



FILE NO. 4
CLASS "B" BEDDING
SANITARY SEWER TRENCH
PVC STORM SEWER TRENCH

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ADDRESS:
6236 W. Birch Ave.
Milwaukee, WI 53218

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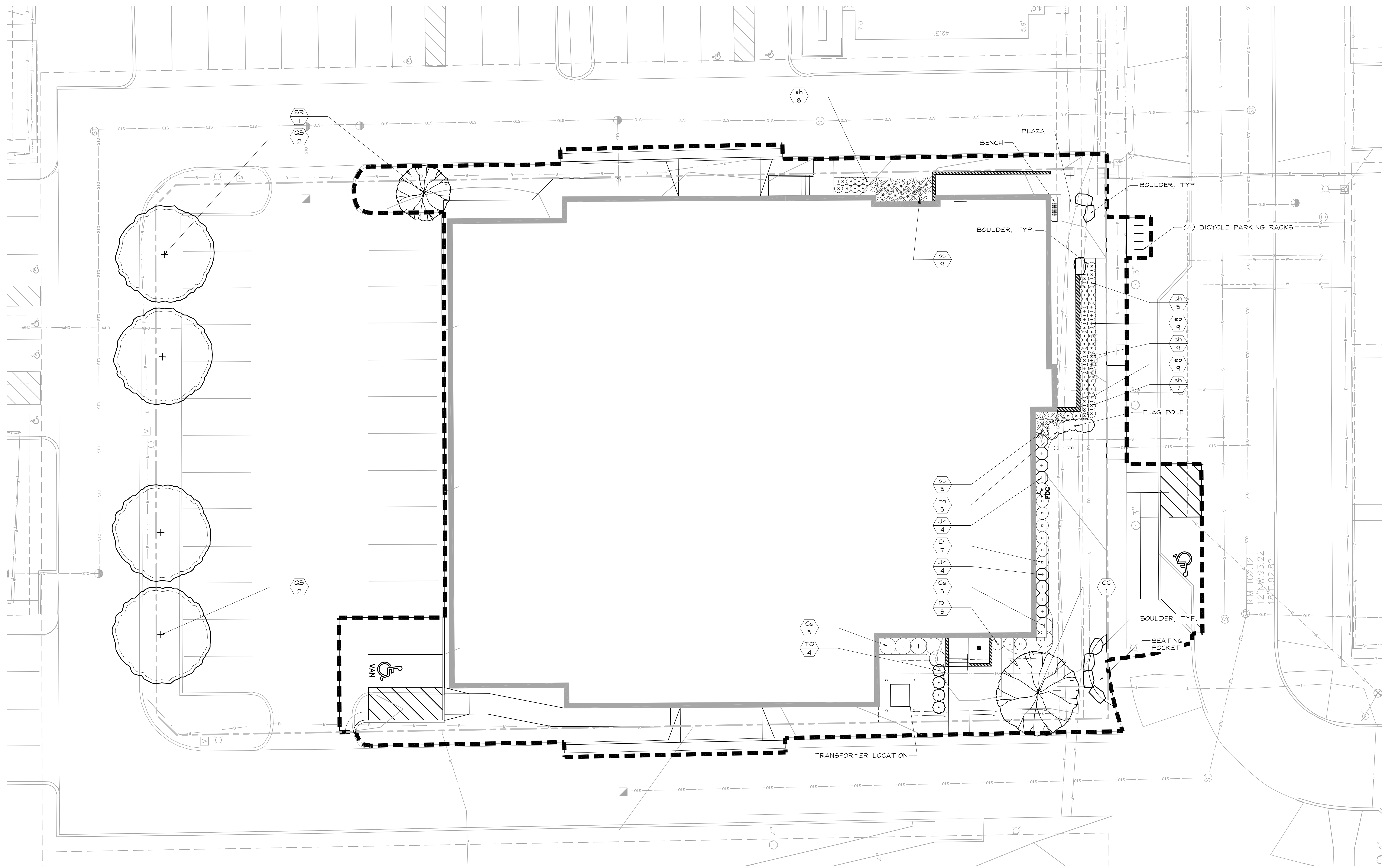
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CIVIL DETAILS
UTILITIES

C502

DPD SUBMISSION

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LANDSCAPE PLANT SCHEDULE

Symbol	Botanical Name	Common Name	Size/Root	Qty	Comments
TREES					
SR	<i>Syringa reticulata</i>	Japanese Tree Lilac	2.5" CAL.	1	
CC	<i>Carpinus caroliniana</i>	American Hornbeam	2.5" CAL.	1	
TO	<i>Thuja occidentalis 'Holmstrup'</i>	Holmstrup Arborvitae	5' HT.	4	
QB	<i>Quercus bicolor</i>	Swamp White Oak	2.5" CAL.	4	
SHRUBS					
Cs	<i>Cornus sericea 'Isanti'</i>	Isanti Redtwig Dogwood	5 GAL-CG	8	
Di	<i>Dierilla lonicera</i>	Low Bush Honeysuckle	3 GAL-CG	10	
Jh	<i>Juniperus horizontalis 'Bar Harbor'</i>	Bar Harbor Creeping Juniper	3 GAL-CG	8	
PERENNIALS					
ep	<i>Echinacea purpurea</i>	Purple Coneflower	1 GAL-CG	18	
ps	<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah Switch Grass	1 GAL-CG	12	
rh	<i>Rudbeckia fulgida var. Sullivanti</i>	Godstrum Black Eyed Susan	1 GAL-CG	5	
sh	<i>Sporobolus heterolepis</i>	Prairie Dropseed	1 QT-CG	29	

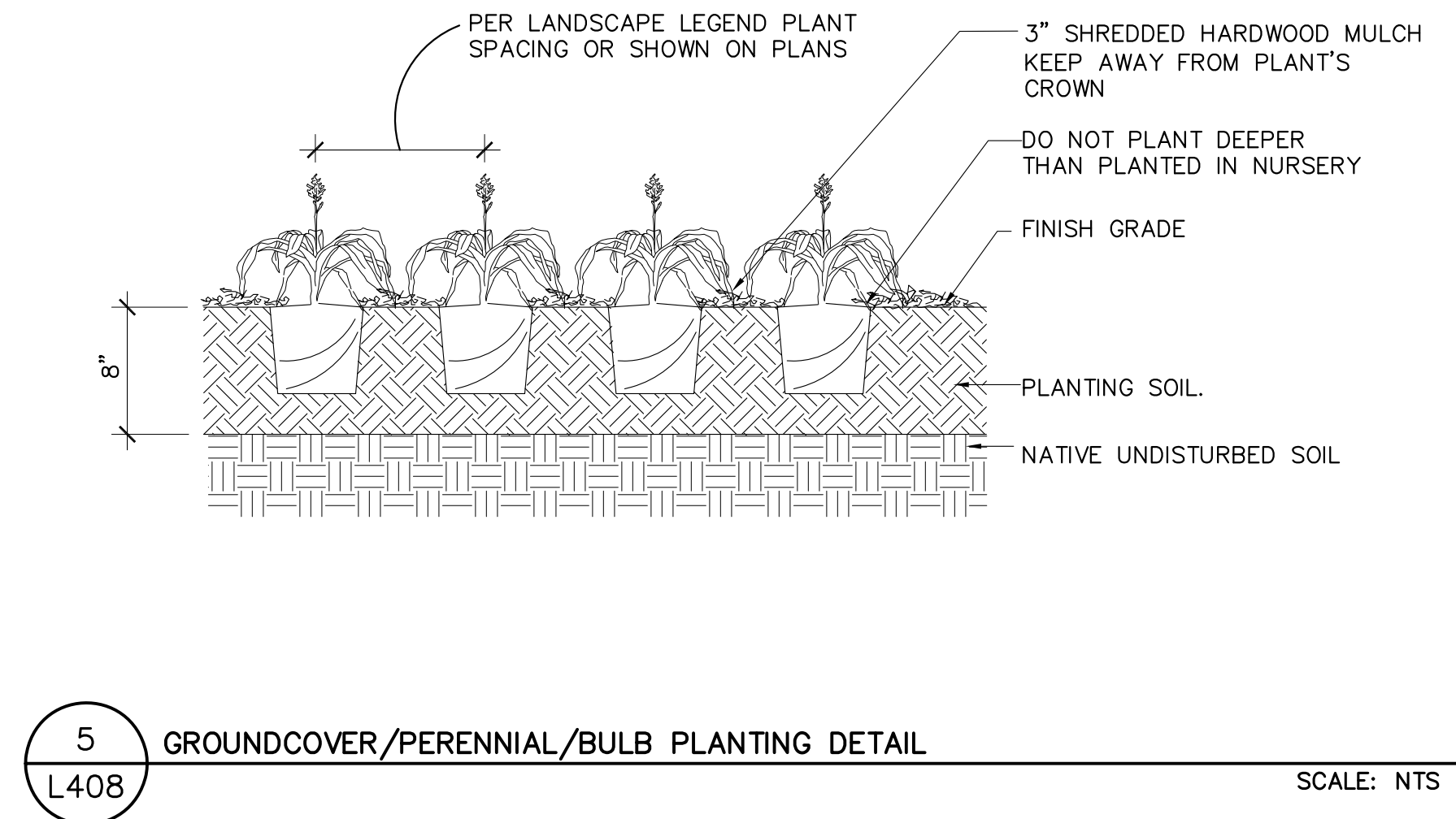
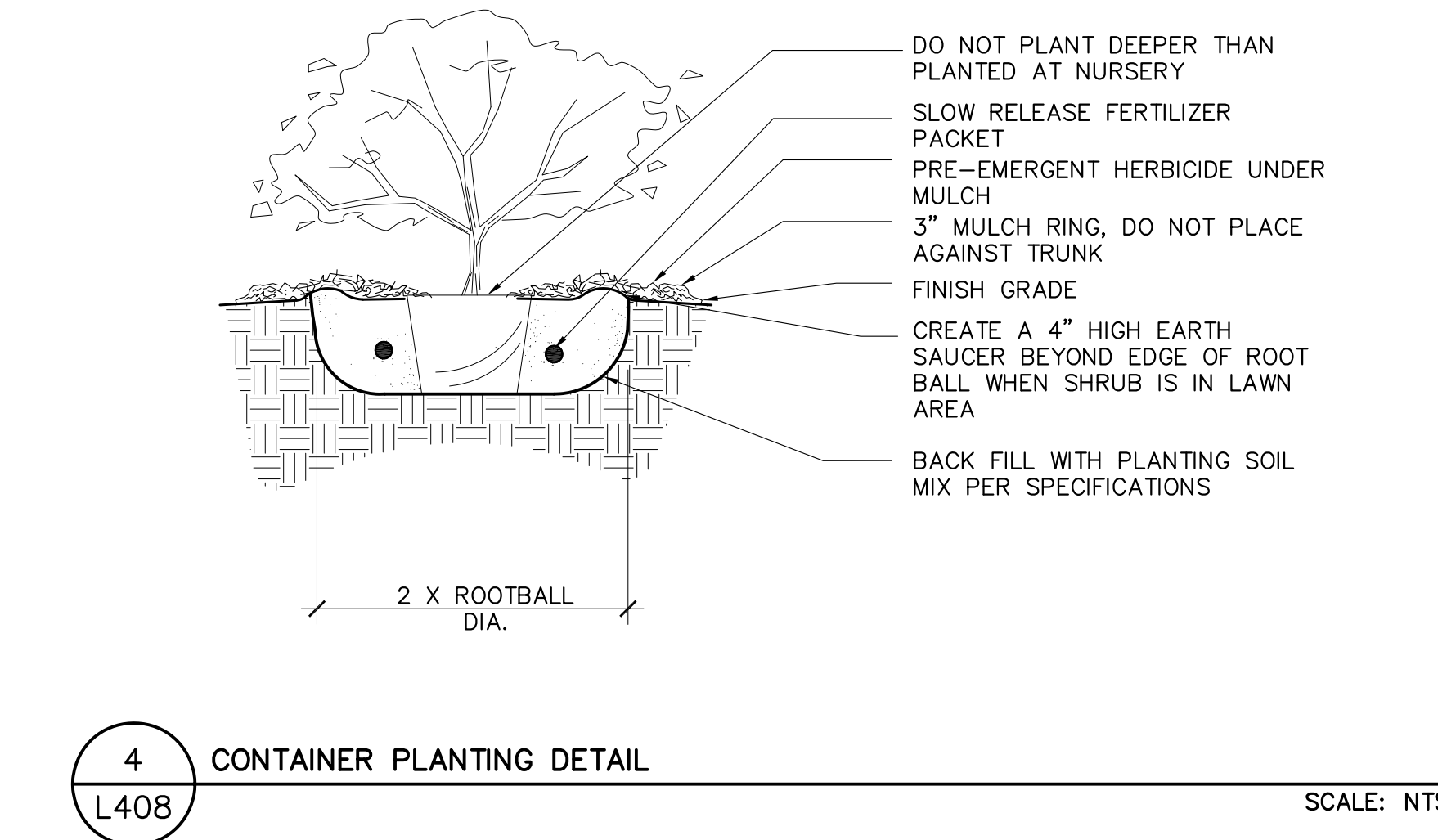
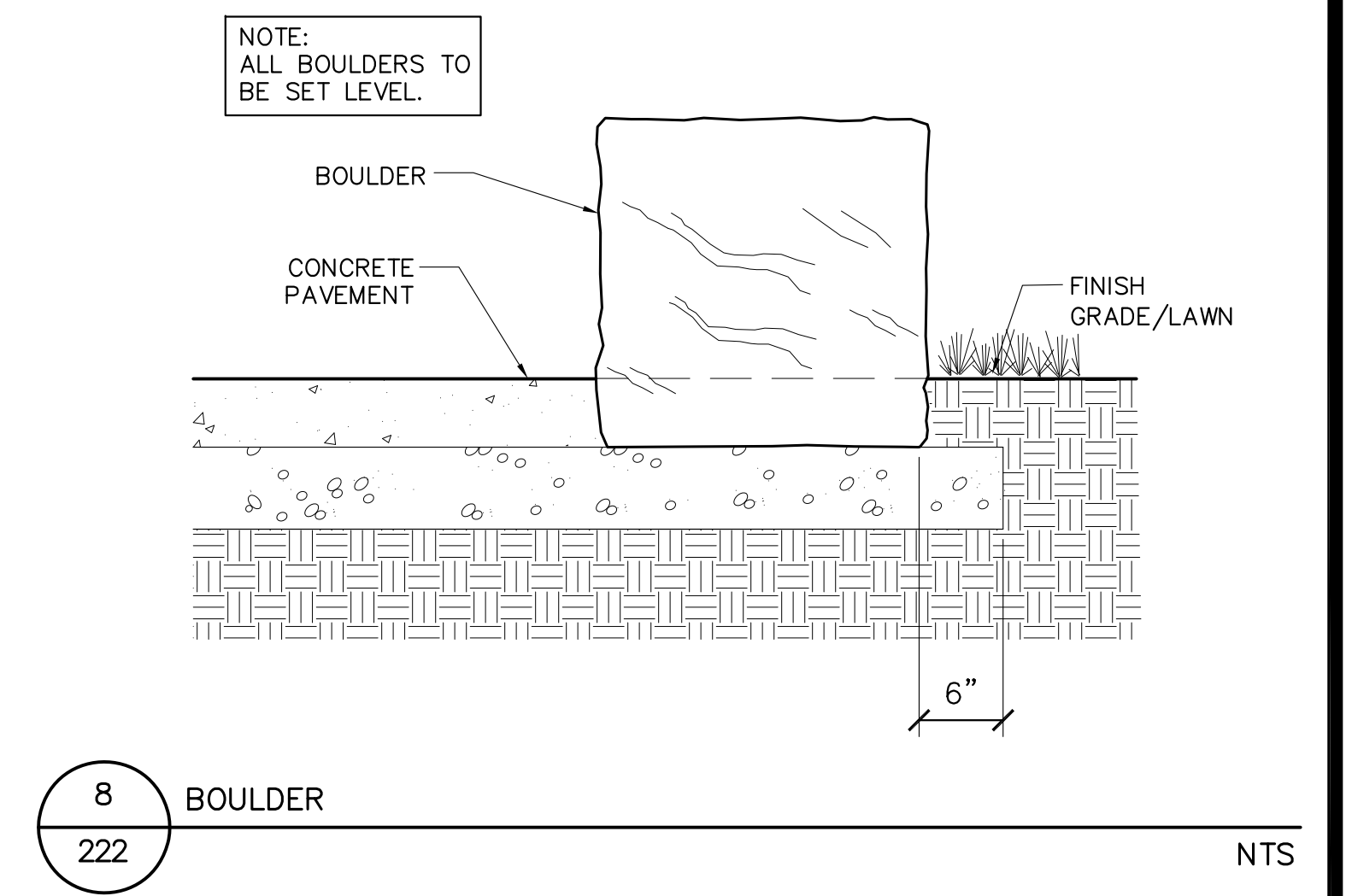
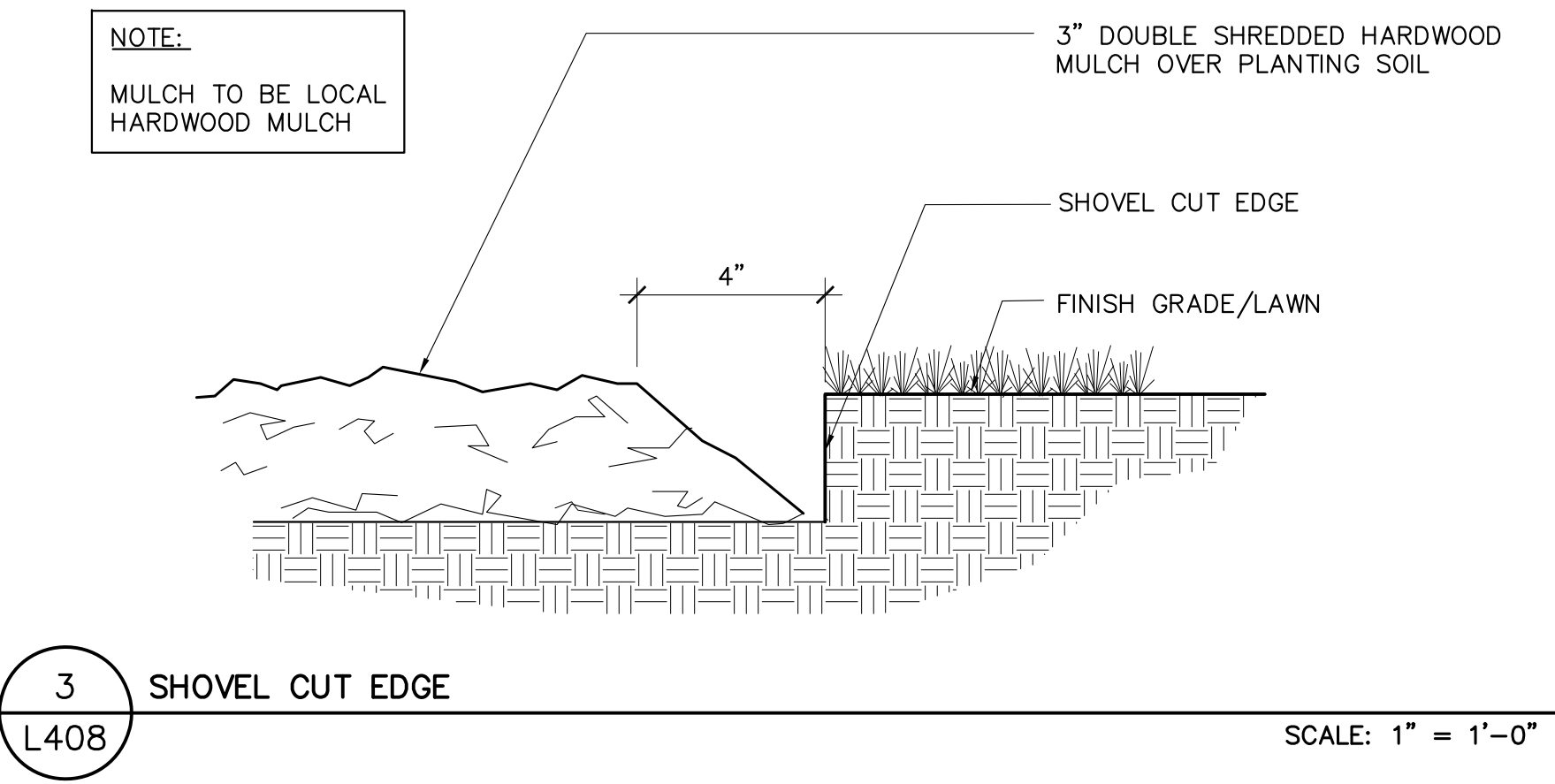
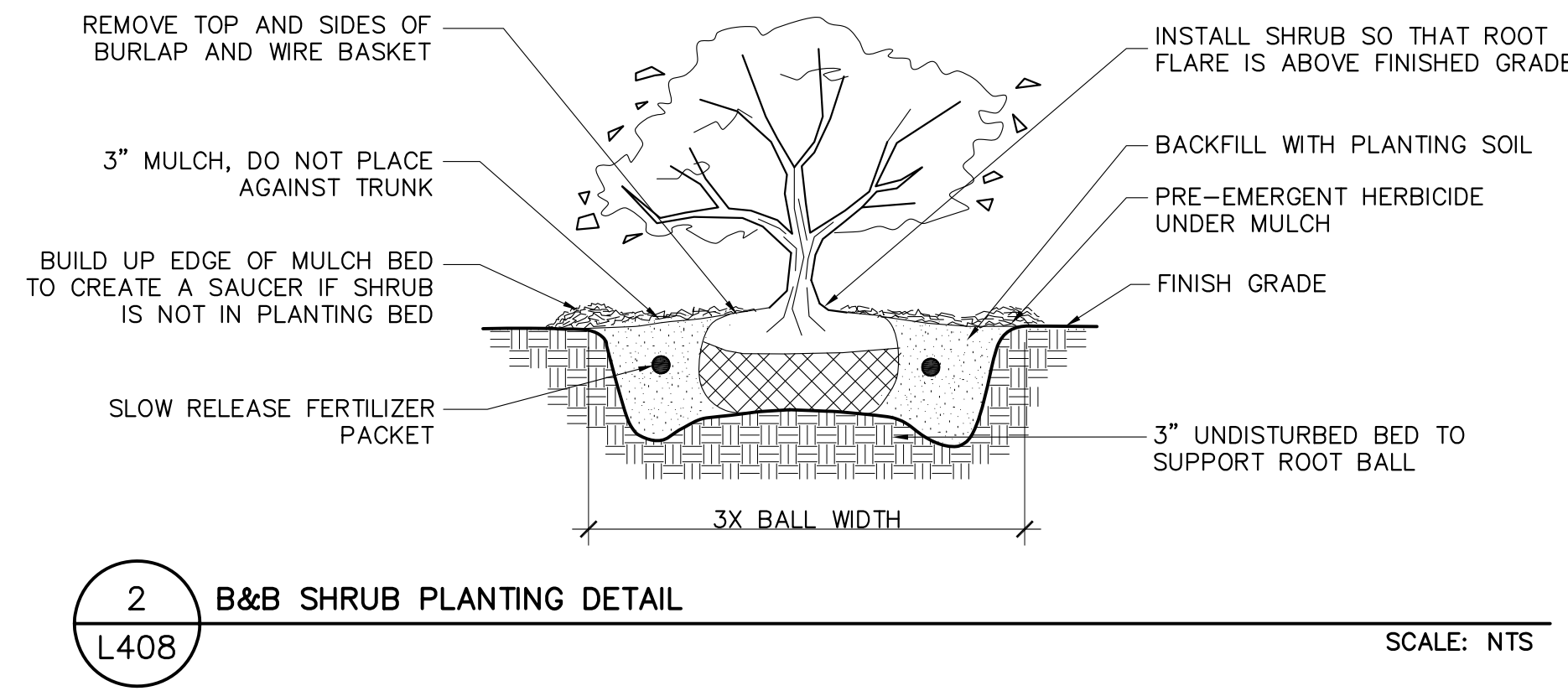
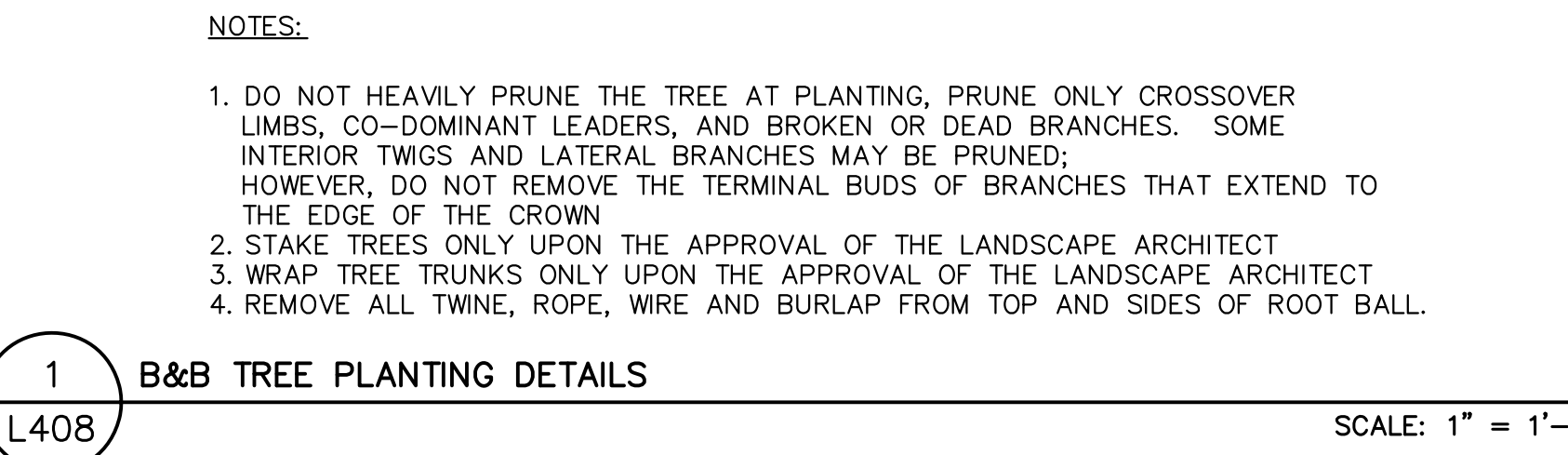
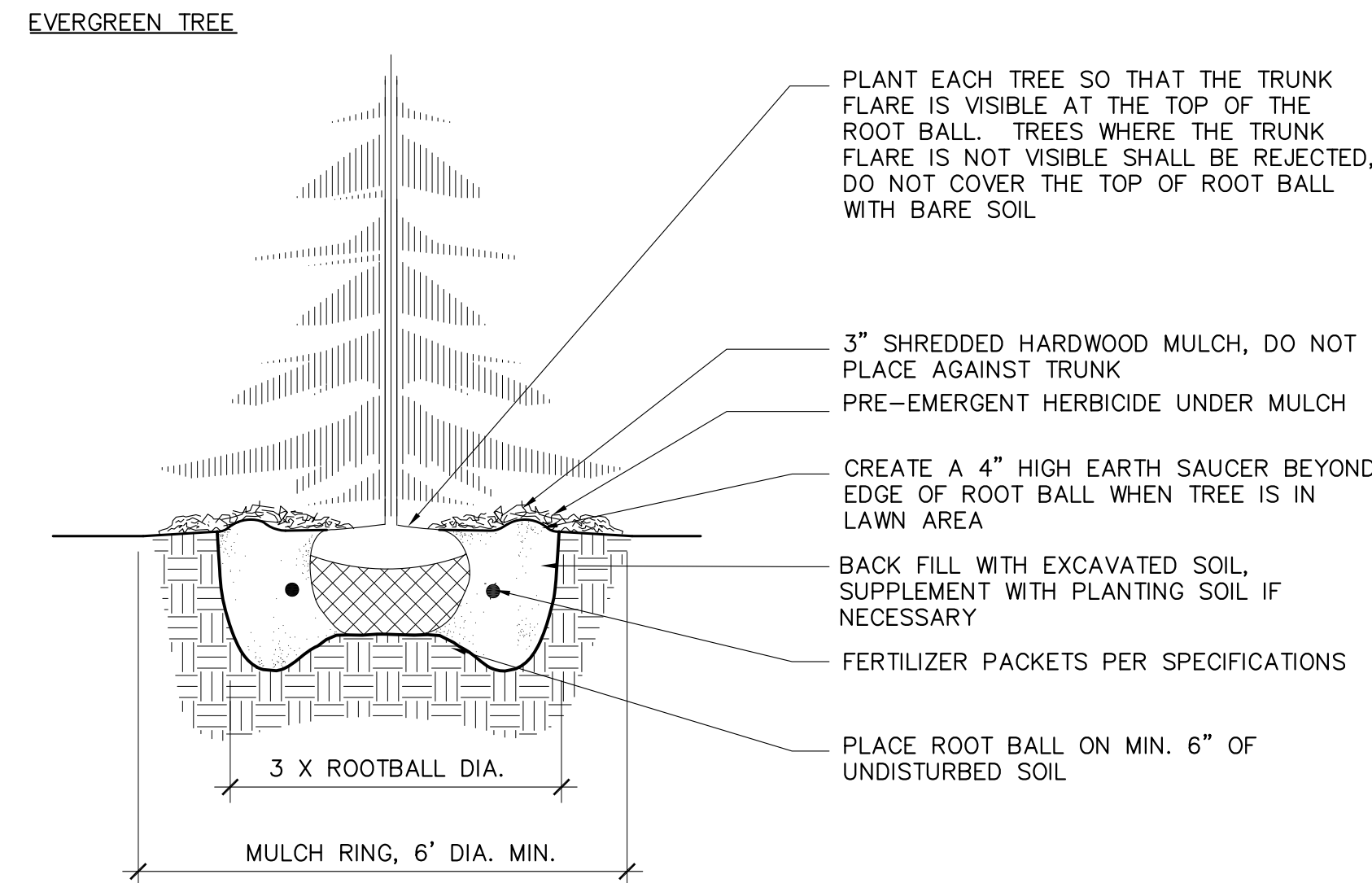
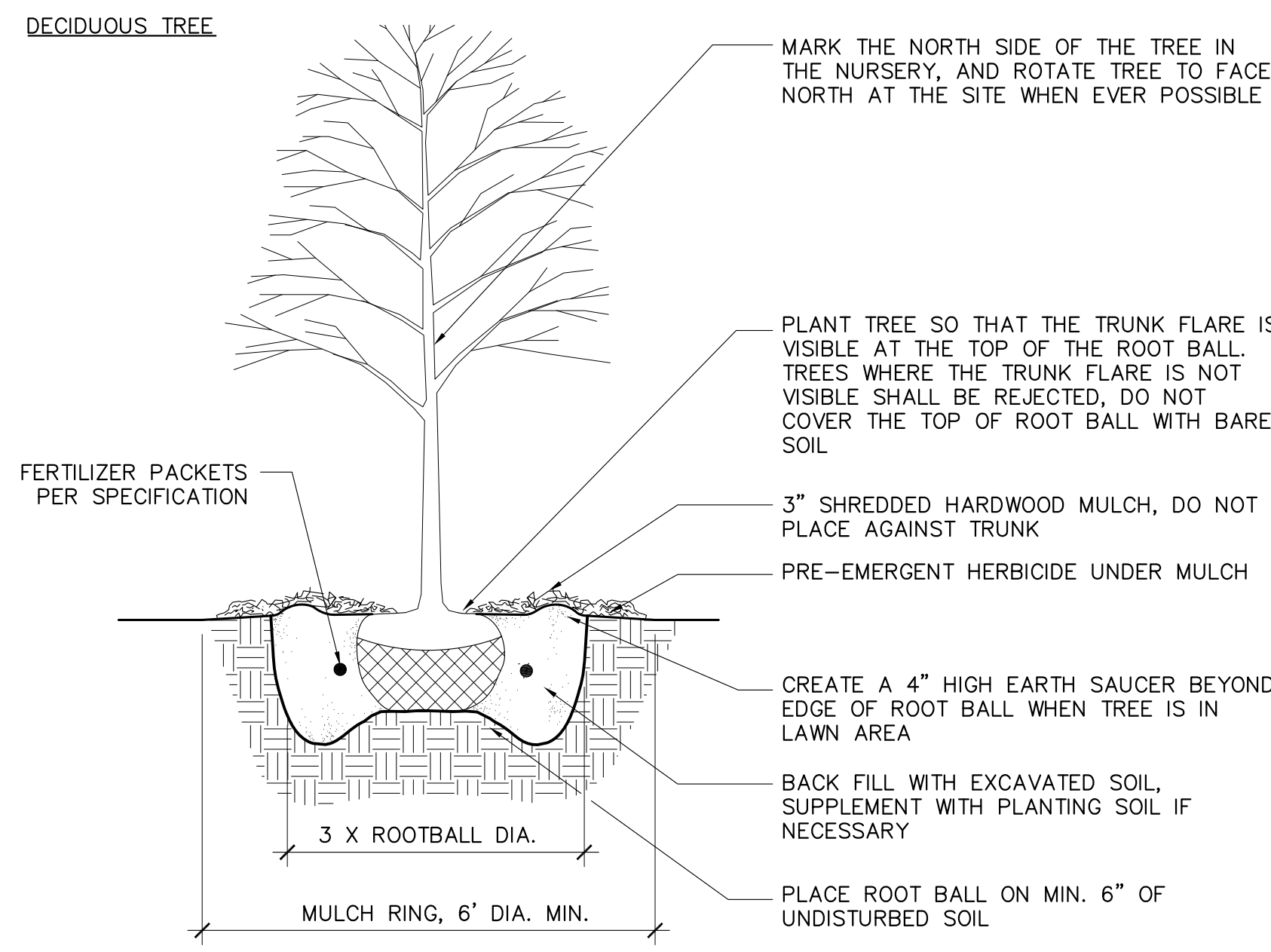
NOTES:

- A. ALL BOULDERS TO BE SET LEVEL
- B. SEED, TOPSOIL, FERTILIZE AND MULCH DISTURBED AREA WITH TURF

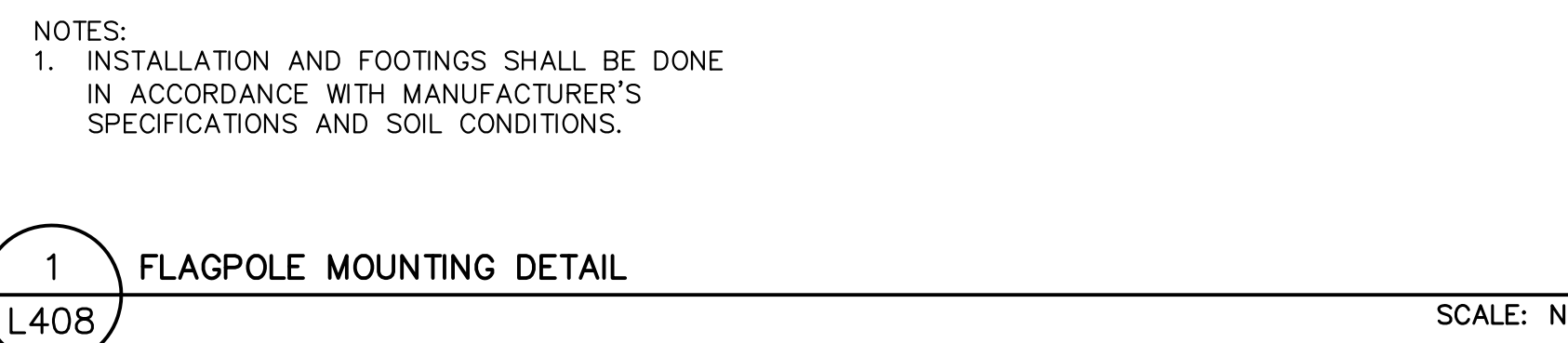
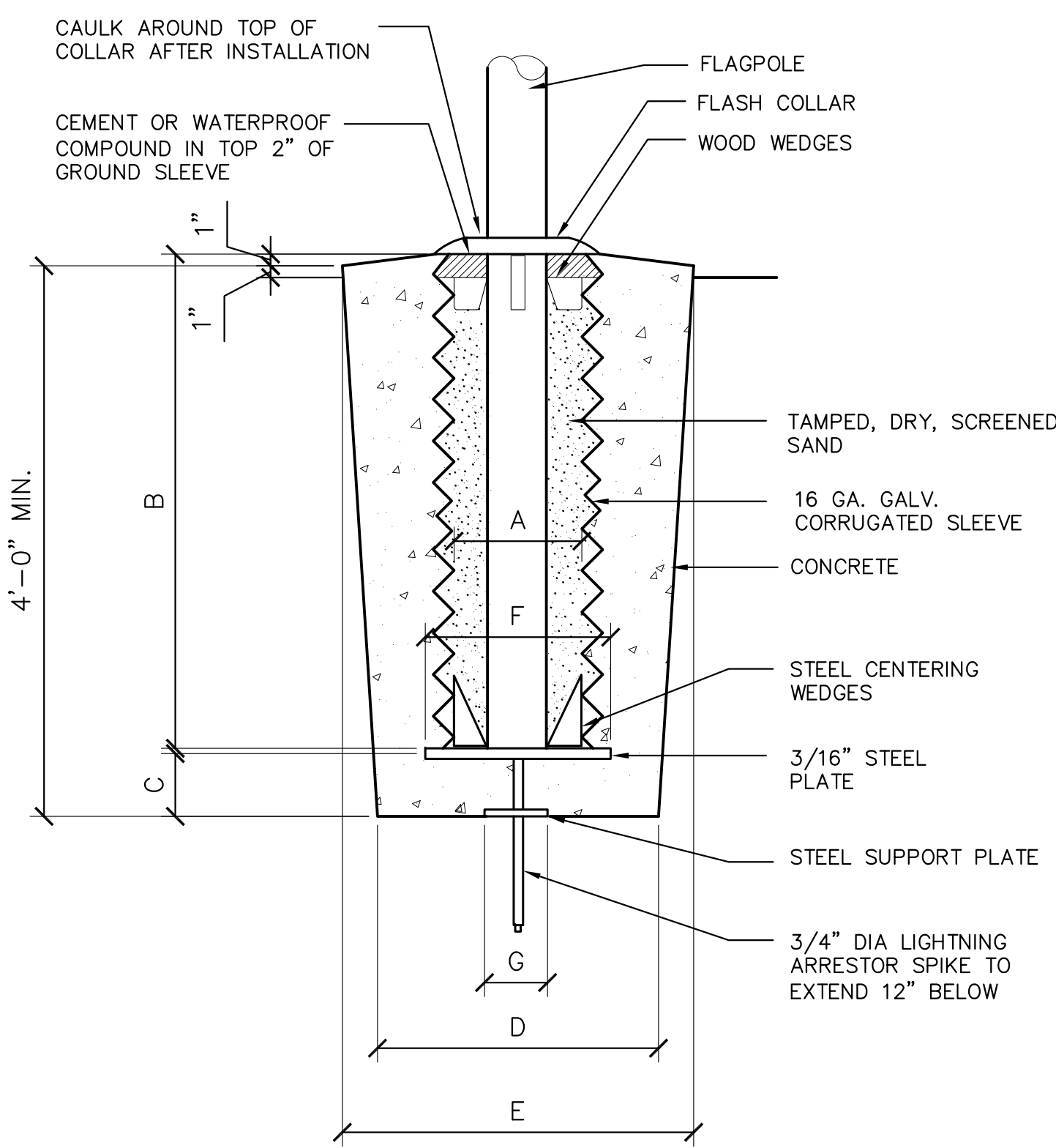
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KAP PROJECT NO.	14-125
SCALE	AS NOTED
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DATE	04.06.2015

LANDSCAPE PLAN

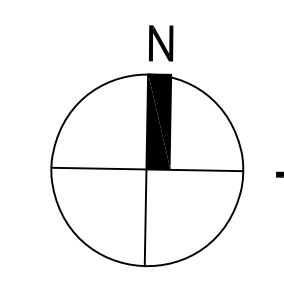
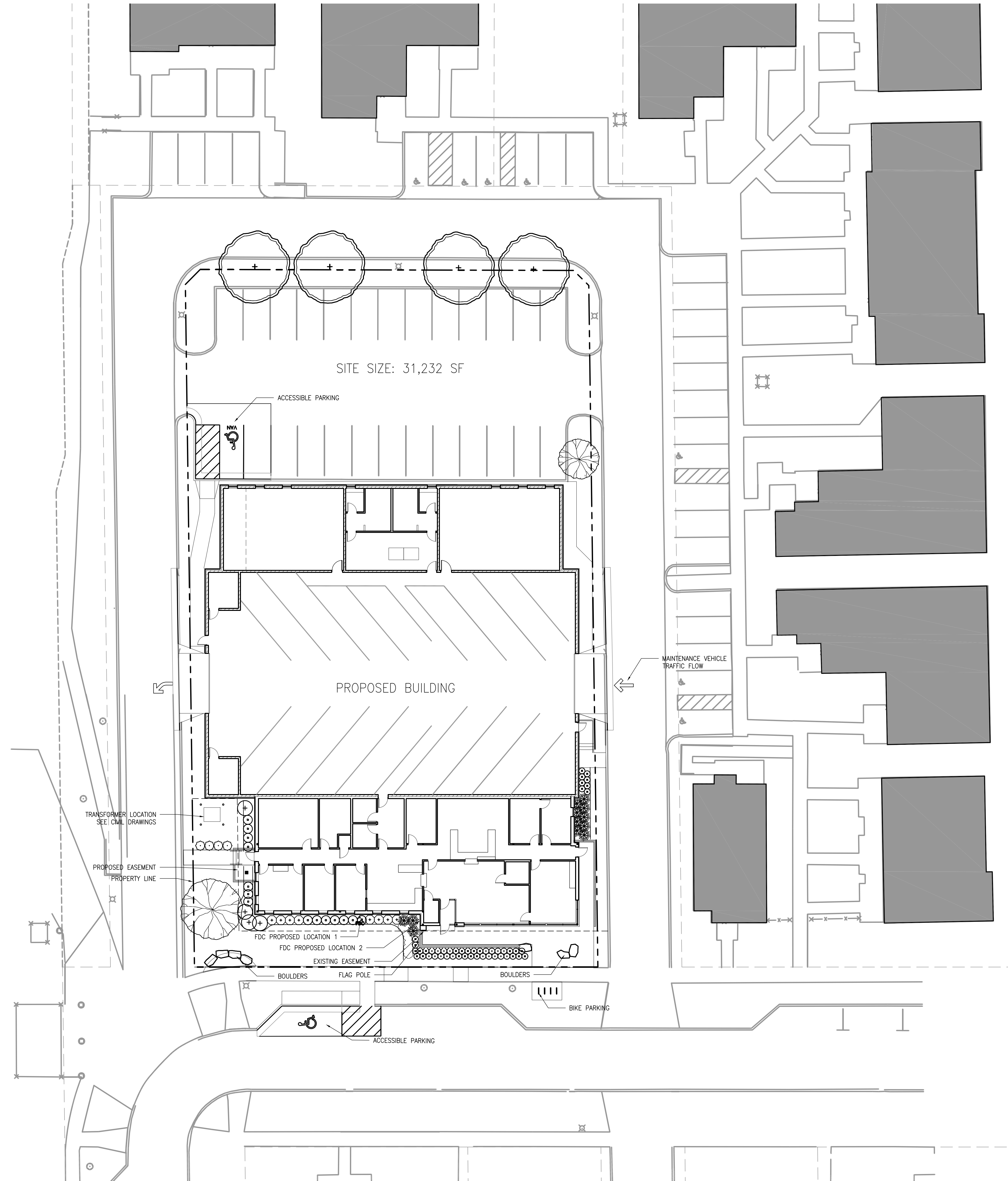


- FOUNDATION SIZING LEGEND
- APPROXIMATELY 3" LARGER THAN OUTSIDE BUTT DIA. OF FLAGPOLE
 - 10% OF EXPOSED HEIGHT OF POLE
 - 15% IN INCH OF POLE HEIGHT IN FEET (4" MIN.)
 - 4 TIMES OUTSIDE BUTT DIA. OF POLE (24" MIN.)
 - 5 TIMES OUTSIDE BUTT DIA. OF POLE (30" MIN.)
 - MIN. 6-INCH LARGER SQUARE THAN INSIDE DIA. OF FOUNDATION TUBE
 - 25% OF AREA OF BASE PLATE



REVISIONS	TAG	DATE	BY	DESCRIPTION

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SCALE	AS NOTED
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DATE	04.06.2015



1 SITE PLAN
1/8"=1'-0"

DPD SUBMISSION NOT TO SCALE



Owner
 Housing Authority of the City of Milwaukee
 414.286.3629

Civil Engineer
R.A. Smith National, Inc.
Beyond Surveying and Engineering
 R.A. Smith National
 262.317.3232

Landscape Architect
 SCHREIBER-ANDERSON ASSOCIATES, INC.
 27140 W. Maple Drive
 Oak Creek, WI 53153
 Tel: 408.255.5900
 Fax: 408.255.7500
 www.saa-madison.com
 Schreiber-Anderson Associates
 608.441.3582

PROJECT:
MANAGEMENT & MAINTENANCE FACILITY

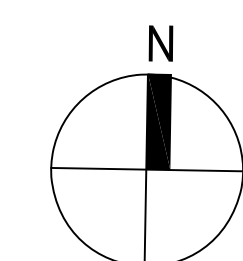
ADDRESS:
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 DATE 04.08.15

ARCHITECTURAL
 SITE
 PLAN
A000

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1 BUILDING PLAN
1/8"=1'-0"

DPD SUBMISSION

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PROJECT:
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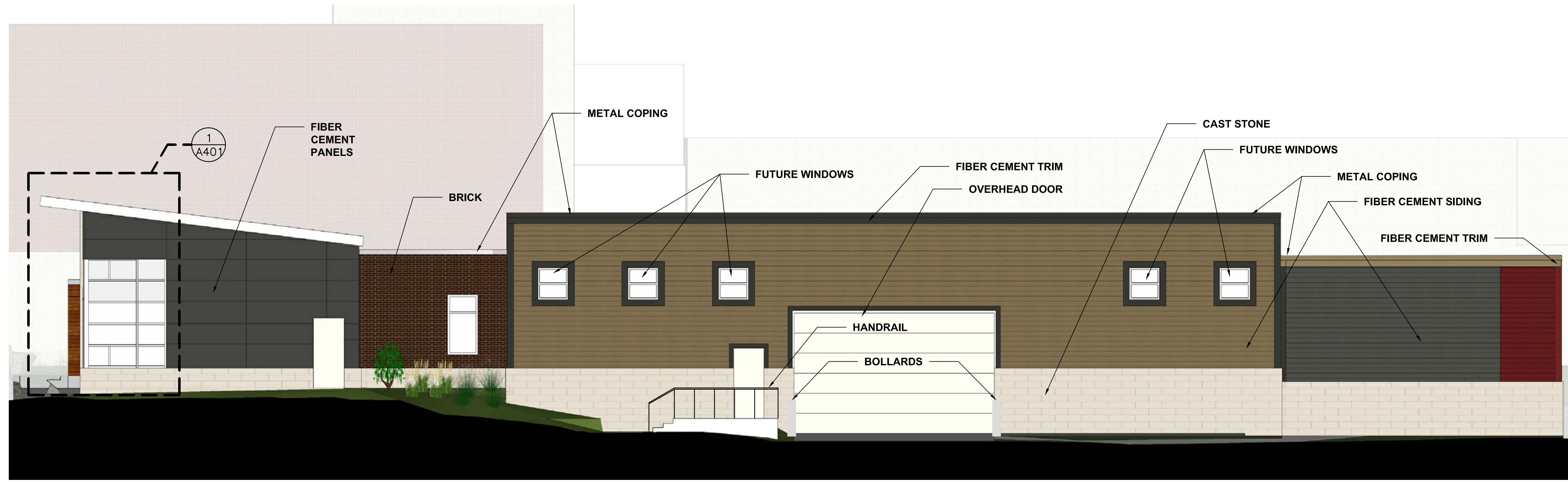
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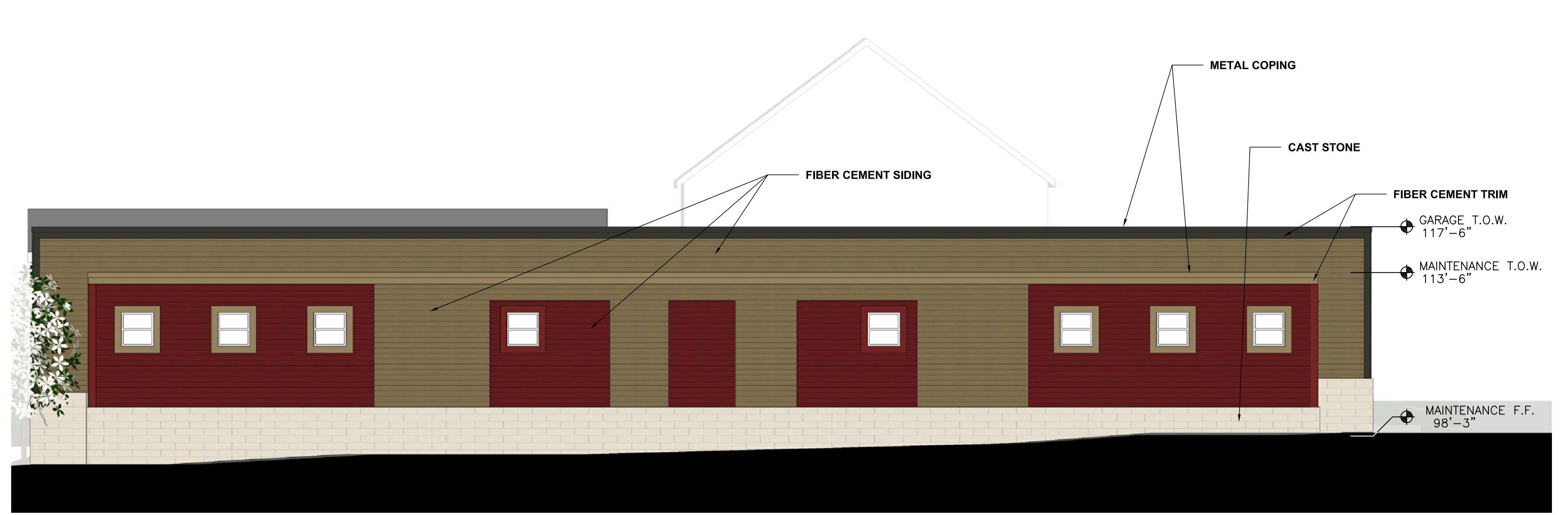
BUILDING
PLAN

A200

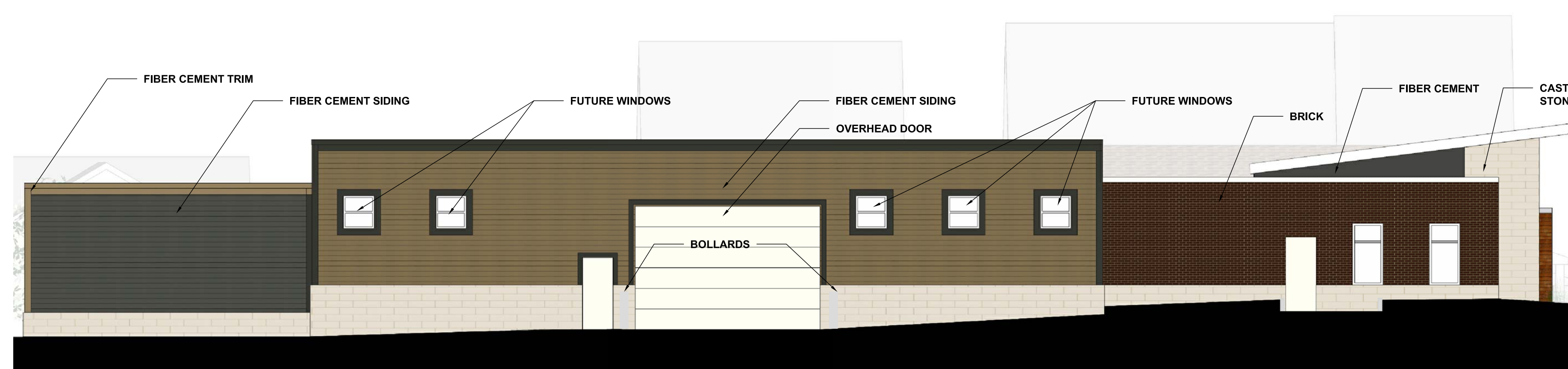
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4 EAST ELEVATION
1/8"=1'-0"



2 NORTH ELEVATION
1/8"=1'-0"



3 WEST ELEVATION
1/8"=1'-0"



1 SOUTH ELEVATION
1/8"=1'-0"

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Owner
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 the City of Milwaukee
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 & MAINTENANCE
 FACILITY**

ADDRESS:
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 Milwaukee, WI 53218**



2 ENLARGED SOUTH ELEVATION
 1/4"=1'-0"



1 ENLARGED EAST ELEVATION
 1/4"=1'-0"

- TOP OF ROOF
119'-1"
- GARAGE T.O.W.
117'-6"
- OFFICE T.O.W.
113'-10"
- OFFICE F.F.
100'-0"

REVISIONS	TAG	DATE	BY	DESCRIPTION

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DPD SUBMISSION

ENLARGED
 ELEVATIONS

A401



1 BUILDING PERSPECTIVE
NTS

Owner
 Housing Authority of the City of Milwaukee
 414.286.3629

Civil Engineer
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Landscape Architect
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BUILDING PERSPECTIVE

A402

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