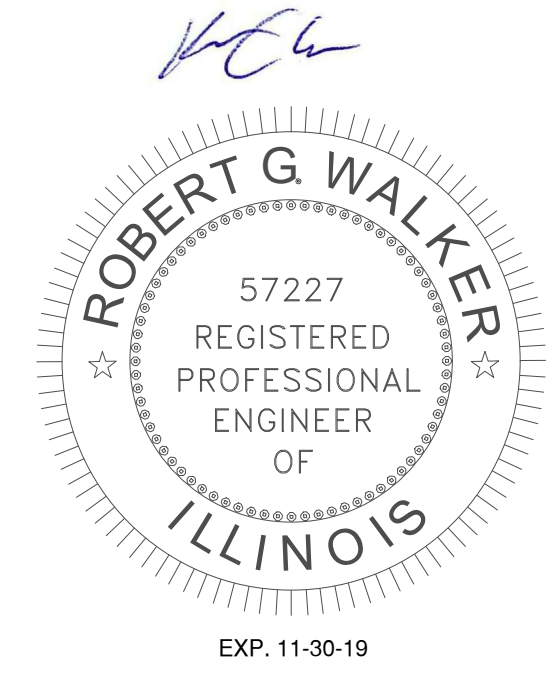
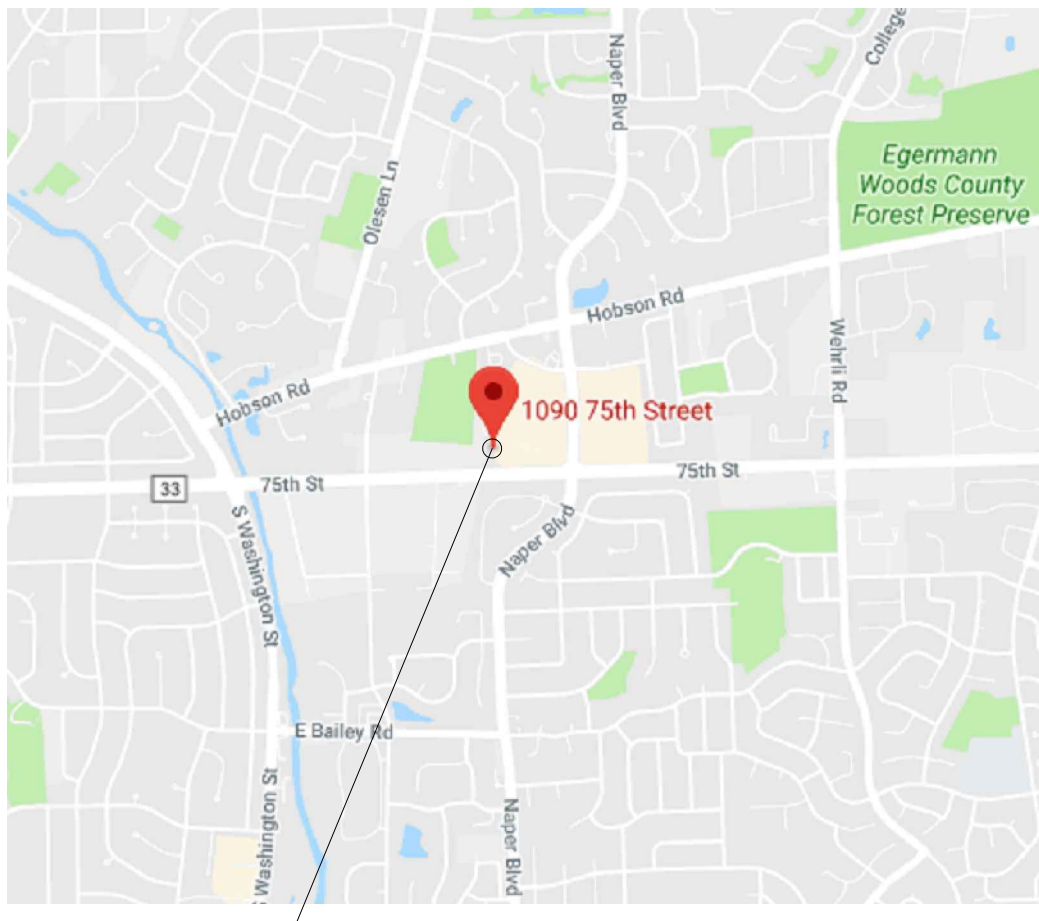


LOCATION MAP
NOT TO SCALE



1090 75TH STREET CAR WASH MODIFICATION NAPERVILLE, IL

INDEX TO SHEETS	
NO.	DESCRIPTION
C-0	COVER SHEET, TOPOGRAPHIC SURVEY & DEMOLITION PLAN
C-1	SITE & UTILITY PLAN
C-2	GRADING PLAN
C-3	STANDARD DETAILS AND NOTES

GENERAL NOTES-1:

- ELEVATIONS ARE REFERENCED TO NAPERVILLE DATUM.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING JULIE FOR UTILITY LOCATES A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING EXCAVATION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB SITE.
- THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN ALL NECESSARY PERMITS AS REQUIRED, PRIOR TO COMMENCING CONSTRUCTION.
- ALL REFERENCES TO IDOT STANDARD SPECIFICATIONS SHALL REFER TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, SHALL GOVERN THE UNDERGROUND WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS, OR WHERE IN CONFLICT WITH MUNICIPAL REQUIREMENTS.
- CONSTRUCTION OPERATION SHALL BE CONDUCTED IN SUCH A WAY AS TO PREVENT TRACKING OF MUD OR SOIL, DEBRIS, ASPHALT AND CONCRETE ONTO PUBLIC THROUGHFARES. AT THE END OF EACH DAY, THE CONTRACTOR SHALL REMOVE MATERIALS DEPOSITED ONTO PUBLIC STREETS AND ALLEYS.
- PUBLIC STREETS AND ALLEYS SHALL BE RESTORED PROMPTLY MEETING CITY OF NAPERVILLE STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY THE EXACT ELEVATION AND LOCATION OF ALL EXISTING UTILITIES AND APPURTENANCES PRIOR TO CONSTRUCTION, TO AVOID INTERFERENCES.
- APPROPRIATE PRECAUTIONS SHALL BE TAKEN TO AVOID DAMAGE TO AND TO PROTECT EXISTING UTILITIES AND APPURTENANCES IN THE VICINITY OF WORK.

GENERAL NOTES-2:

- THE OWNER OR HIS/HER/THEIR REPRESENTATIVE IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED BY APPLICABLE GOVERNMENTAL AGENCIES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF NAPERVILLE DESIGN MANUAL AND STANDARD SPECIFICATIONS (CURRENT EDITION) AND WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (CURRENT EDITION).
- ALL CONTRACTORS DOING WORK IN THE PUBLIC RIGHT-OF-WAY MUST BE LICENSED (WHEN APPLICABLE) TO MAKE PUBLIC IMPROVEMENTS WITHIN THE NAPERVILLE CORPORATE LIMITS.
- THE CONTRACTOR/DEVELOPER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY ACTION RESULTING FROM THEIR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR/DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF NAPERVILLE.
- PRIOR TO COMMENCEMENT OF ANY OFF-SITE CONSTRUCTION, THE CONTRACTOR SHALL SECURE WRITTEN AUTHORIZATION THAT ALL OFF-SITE EASEMENTS HAVE BEEN SECURED AND THAT PERMISSION HAS BEEN GRANTED TO ENTER ONTO PRIVATE PROPERTY.
- THE CONTRACTOR AND THEIR ON-SITE REPRESENTATIVES WILL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF NAPERVILLE PRIOR TO ANY WORK BEING STARTED. A PRE-CONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE PROJECT HAS BEEN APPROVED BY THE CITY OF NAPERVILLE DEVELOPMENT REVIEW TEAM AND THE REQUIRED SURETY HAS BEEN POSTED.
- A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN TO THE CITY OF NAPERVILLE TED BUSINESS GROUP (630-420-6082) PRIOR TO STARTING WORK OR RESTARTING WORK AFTER SOME ABSENCE OF WORK FOR ANY REASON.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADEQUATELY IDENTIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION. BEFORE STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT JULIE FOR THE LOCATION OF ANY AND ALL UTILITIES. THE TOLL-FREE NUMBER IS 800-892-0123. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY PRIVATE FACILITIES OR NON-JULIE MEMBER FACILITIES.
- THE CONTRACTOR CAN SCHEDULE ALL NECESSARY SITE INSPECTIONS WITH THE CITY OF NAPERVILLE BY CALLING (630) 420-6082 BETWEEN THE HOURS OF 8:00AM AND 4:00PM (CLOSED 1:00PM TO 2:00PM DAILY) ON WEEKDAYS WHEN THE CITY IS OPEN FOR BUSINESS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE SITE PERMIT NUMBER FOR THE PROJECT IN ORDER TO SCHEDULE THE INSPECTION(S).
- RECORD DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE CITY OF NAPERVILLE PRIOR TO FINAL OCCUPANCY BEING GRANTED.
- FINAL ACCEPTANCE OF PUBLIC IMPROVEMENTS SHALL BE GRANTED ONLY AFTER A FINAL INSPECTION HAS BEEN COMPLETED AND HAS REVEALED THAT ALL IMPROVEMENTS HAVE BEEN SATISFACTORILY COMPLETED IN ACCORDANCE WITH THE NAPERVILLE STANDARD SPECIFICATIONS. UTILITIES ARE NOT CONSIDERED ACCEPTED UNTIL THEY ARE FORMALLY ACCEPTED BY THE CITY COUNCIL AS REQUIRED IN ACCORDANCE WITH THE NAPERVILLE MUNICIPAL CODE.

EROSION CONTROL AND DRAINAGE NOTES:

- THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- DURING EXTENDED DRY PERIODS, THE CONSTRUCTION AREA(S) MAY NEED TO BE WATERED DOWN TO PREVENT THE BLOWING OF SOIL FROM THE SITE.
- DURING CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE UTILIZED TO MINIMIZE THE TRACKING OF DIRT ONTO THE PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP PUBLIC STREET PAVEMENT CLEAN OF DIRT AND DEBRIS. ANY DIRT THAT IS TRACKED ONTO THE PUBLIC STREETS SHALL BE REMOVED THE SAME DAY. IF THE AMOUNT TRACKED ON THE PUBLIC STREET IS EXCESSIVE, CLEANING MAY BE REQUIRED MORE FREQUENTLY.
- ALL OPEN GRATE STRUCTURES SHALL HAVE EROSION CONTROL PROTECTION IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLANS. INLET BASKETS ARE THE PREFERRED METHOD. STRAW BALES SHALL NOT BE USED.
- STOCKPILES NOT BEING DISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY, AFTER ANY 0.5 INCH RAINFALL, OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN THEIR FUNCTION.

GEOMETRIC AND PAVING NOTES:

- THE DEVELOPER AND CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO ADEQUATELY PROTECT THE PAVEMENT AND PROPERTY, CURB AND GUTTER AND OTHER RIGHT-OF-WAY IMPROVEMENTS, WHETHER NEWLY CONSTRUCTED OR EXISTING, FROM ANY AND ALL DAMAGE. SUFFICIENT MEANS SHALL BE EMPLOYED BY THE CONTRACTOR TO PROTECT AGAINST SUCH DAMAGE TO THE SATISFACTION OF THE CITY ENGINEER.
- ANY NEW OR EXISTING IMPROVEMENTS THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED IN A MANNER THAT IS SATISFACTORY TO THE CITY ENGINEER.
- THE CONTRACTOR AND/OR DEVELOPER SHALL SECURE ALL NECESSARY RIGHTS AND PERMISSIONS TO PERFORM ANY WORK ON PRIVATE PROPERTY NOT WITHIN THE OWNERSHIP RIGHTS OF THE DEVELOPER. THE DEVELOPER SHALL BEAR THE SOLE RESPONSIBILITY FOR DAMAGES THAT MAY OCCUR AS A RESULT OF WORK PERFORMED UNDER CONTRACTS THEY INITIATE.
- THE CONTRACTOR/DEVELOPER WILL BE RESPONSIBLE FOR BRINGING PAVEMENTS (STREET, CURB AND GUTTER, SIDEWALK, DRIVEWAY) ON THE PROPERTY UP TO CITY STANDARDS INCLUDING ANY REPAIRS TO SUBSTANDARD PAVEMENTS THAT EXISTED PRIOR TO OR OCCURRED DURING CONSTRUCTION.
- WHEREVER NEW WORK WILL MEET EXISTING CONDITIONS OTHER THAN LAWN AREAS, REGARDLESS OF WHETHER THE NEW OR EXISTING WORK IS ASPHALT OR CONCRETE, THE EXISTING ADJACENT SIDEWALK, DRIVEWAYS, PAVEMENT OR CURB SHALL BE NEATLY SAW CUT. THE SAW CUT SHALL BE IN A NEAT STRAIGHT LINE SUFFICIENTLY DEEP SO THAT IT RENDERS A SMOOTH VERTICAL FACE TO MATCH TO. IF THE CONTRACTOR IS NOT CAREFUL OR DOES NOT SAW DEEP ENOUGH AND THE CUT LINE BREAKS OUT OR CHIPS TO AN IMPERFECT EDGE, THEN THE EXISTING SIDE MUST BE RE-CUT SQUARE AND DONE OVER UNTIL IT IS CORRECT.

BENCHMARK

NAPERVILLE BM 526 - FLANGE ENCASED ROD LOCATED NEAR THE SOUTHEAST CORNER OF THE INTERSECTION OF OXFORD LANE AND 75TH STREET.
ELEVATION = 681.48 (NAVD 88)

NAPERVILLE BM 1506 - FLANGE ENCASED ROD LOCATED NEAR THE NORTHWEST CORNER OF THE INTERSECTION OF MILL STREET AND 5TH AVENUE.
ELEVATION = 690.61 (NAVD 88)

SITE BENCHMARK:
CROSS CUT IN TOP OF CONCRETE CURB ALONG NORTH SIDE OF MEDIAN IN 75TH STREET, IN FRONT OF SUBJECT PROPERTY, AS SHOWN HEREON.
ELEVATION = 696.90

LEGAL DESCRIPTION

LOT 1 IN STENGER SUBDIVISION, BEING A PLANNED UNIT DEVELOPMENT, SECTION 29, TOWNSHIP 38 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 26, 1985, AS DOCUMENT NUMBER R85-112511, IN DUPAGE COUNTY, ILLINOIS.

SCOPE OF WORK:

- Remove part of the existing building and existing pavement from parking lot as shown.
- Install detention chambers and stone.
- Grade to proposed subgrade elevations. Export/import suitable soil as necessary. Compact subgrade to 95% proctor density.
- Profile subgrade.
- Install new asphalt parking lot with curb and gutter. New parking lot to drain to existing and proposed catch basins with 1% minimum slope.
- Seed and blanket all disturbed areas.

All construction operations and materials shall be per IDOT Standard Specifications, latest issue and City of Naperville requirements.

All parking lots to be proof rolled prior to placement of aggregate subbase and again prior to initial asphalt lift. Proof roll to be done with loaded double axle dump truck and witnessed by an owner's representative. Any unsuitable soil shall first be dried and recompacted at the contractor's expense, then tested again. If drying and recompacting are not sufficient, then excavate and replace with 3" CA-1 aggregate as agreed to by owner and owner's engineer. Depth, quantity and price of overdig to be agreed upon prior to installation.

Asphalt surfaces must be warrantable for one year against birdbating/ponding of 1/4" standing water for areas greater than 25 square feet.

Contractor is responsible for restoration of all disturbed area to a turf grass condition with no bare spots greater than 6" diameter.

Contractor is responsible for removal and proper disposal of all excess material.

Contractor is responsible for site safety.

SYMBOL LEGEND

- (R) - RECORD DATA
- (M) - MEASURED DATA
- T/F - TOP OF FOUNDATION
- F/F - FINISHED FLOOR
- B/S - BOTTOM OF SIDING
- EXIST. CONTOURS
- XXX-XX - EXISTING ELEVATION
- - - SANITARY SEWER
- - - STORM SEWER
- - - WATERMAIN
- - - OVERHEAD WIRES
- ⊖ - DOWNSPOUT
- ⊕ - GUARDRAIL
- - MANHOLE
- - CATCH-BASIN
- - INLET
- ⊖ - WATER VALVE (UNLESS OTHERWISE NOTED)
- ⊕ - HYDRANT
- ⊕ - VALVE & VAULT
- ⊕ - POWER POLE
- ⊕ - BUFFALO BOX
- FENCE LINE
- ⊕ - TRANSFORMER
- ⊕ - STREET SIGN
- ⊕ - STREET LIGHT
- ⊕ - DECIDUOUS TREE - LESS THAN 6" DIA. UNLESS OTHERWISE NOTED
- ⊕ - EVERGREEN TREE - LESS THAN 6" DIA. UNLESS OTHERWISE NOTED
- ⊕ - CONCRETE SURFACE
- ⊕ - FLAG POLE
- REMOVE BUILDING
- REMOVE PAVEMENT/WALK
- ***** REMOVE LINEAR ITEM
- X REMOVE ITEM

NOTE:
EXISTING CONDITIONS ARE BASED UPON A TOPOGRAPHIC SURVEY. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE USED AS A BASIS FOR CONSTRUCTION LAYOUT. PROPERTY LINE INFORMATION SHOWN IS BASED ON THE PLAT OF SURVEY RECEIVED FROM THE OWNER AND ANY IRON PIPES (AS INDICATED) FOUND BY BCI'S SURVEY CREW.

PROPERTY BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM OFFICIAL PLATS AND RECORDS

LOCATION OF UNDERGROUND UTILITIES WHERE NOT SUBSTANTIATED BY PHYSICAL EVIDENCE ARE TAKEN FROM RECORDS NORMALLY CONSIDERED RELIABLE. NO RESPONSIBILITY FOR THEIR ACCURACY IS ASSUMED BY THE SURVEYOR.

FOR LOCATION OF BURIED CABLE CALL J.U.L.I.E. @ 1-800-892-0123 BEFORE DIGGING

LOCATIONS OF EXISTING UTILITY SERVICES ARE BASED ON VISUAL OBSERVATIONS. CONTRACTOR MUST CONFIRM LOCATION AND CONDITION OF ALL UTILITY SERVICES TO REMAIN.

DATE	7/17/2019
REVISIONS	10/20/2019
ISSUE	11/29/2019
PROJECT STAFF	2/6/2020
PROJECT MANAGER	1. NITAI SUBRAMANIAN
ENGINEER	1. M. WANG
ENGINEER	2. REVISION PER CITY COMMENTS
TECHNICIAN	3. REVISION PER CITY COMMENTS
	4. REVISION PER CITY COMMENTS

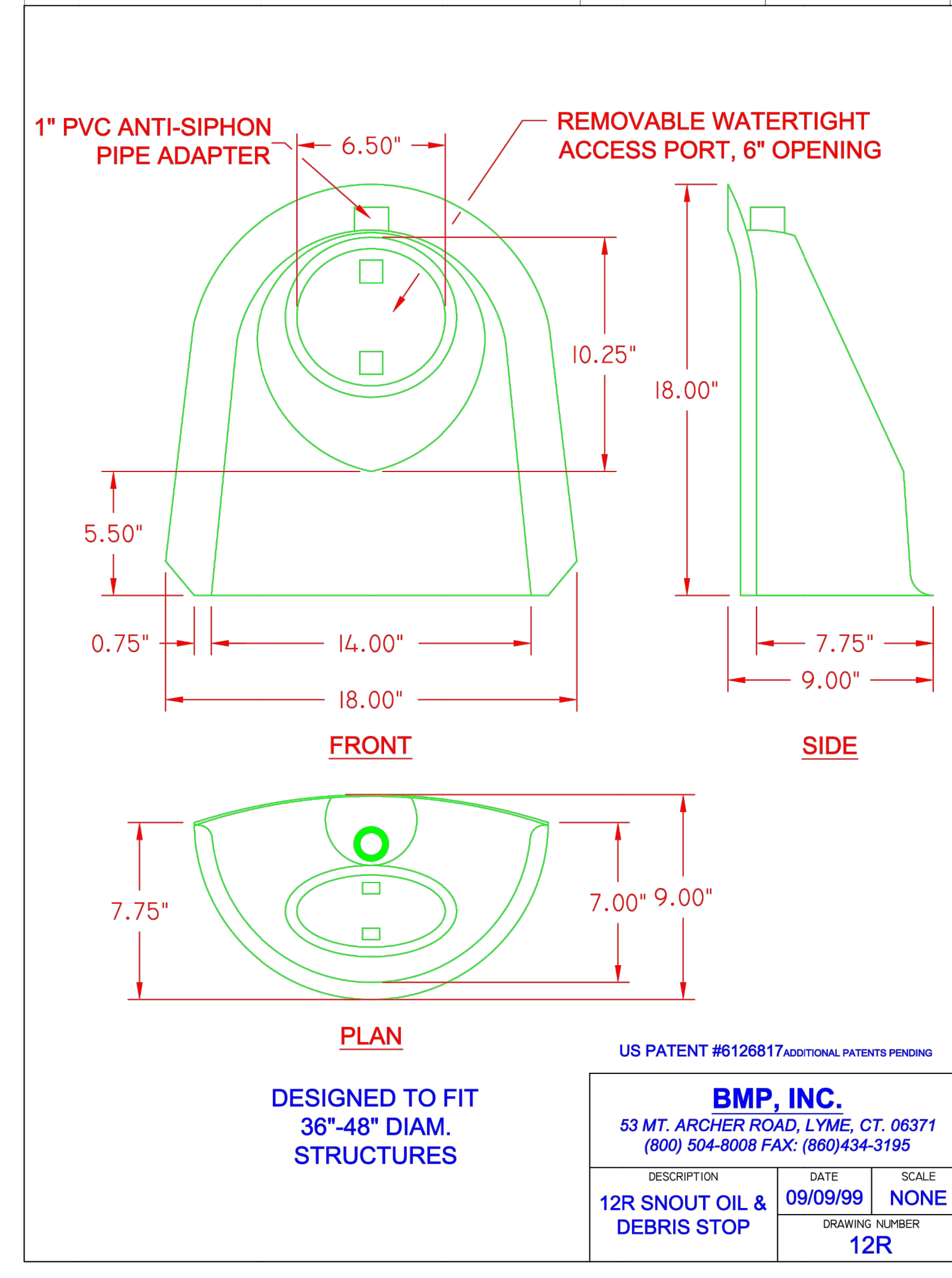
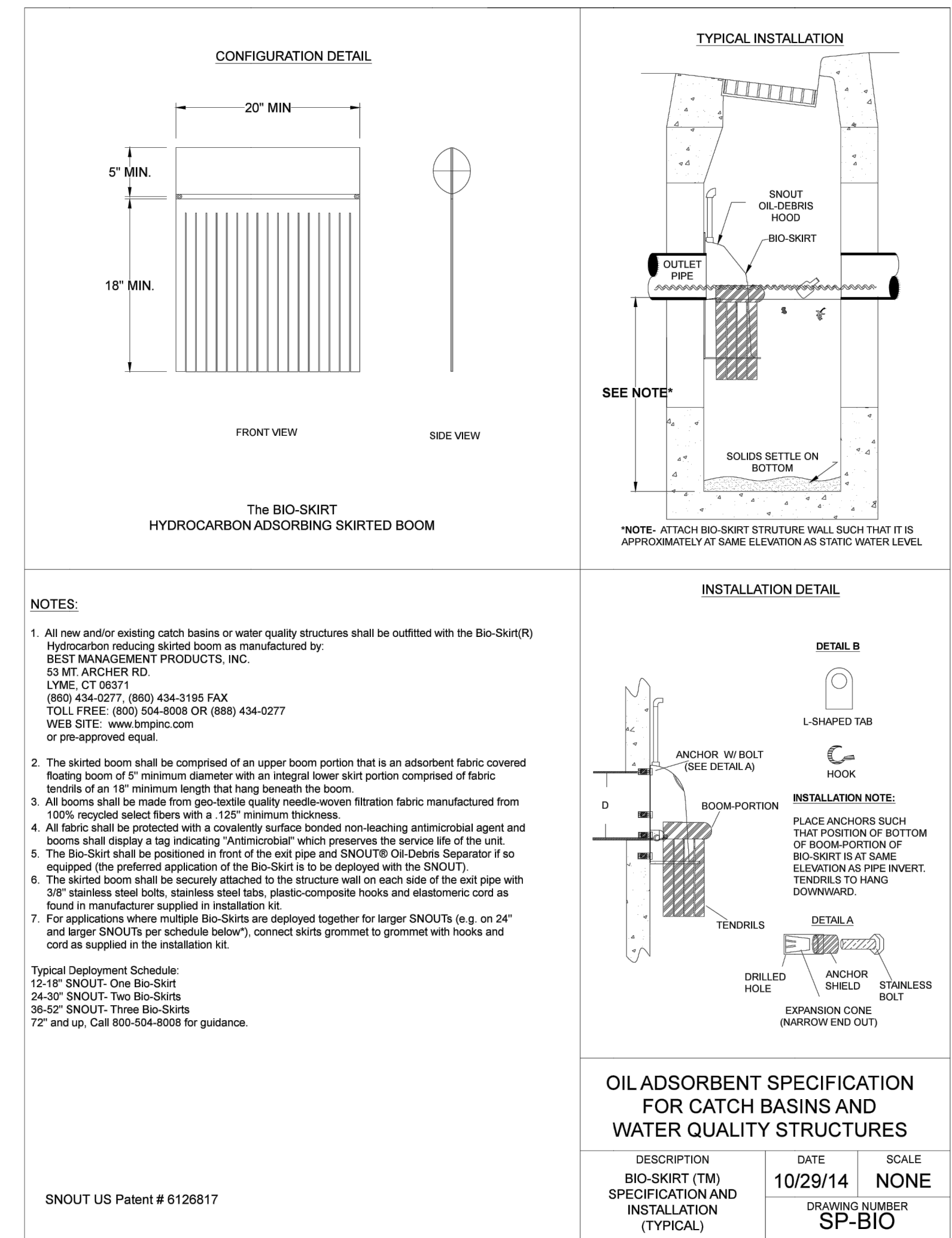
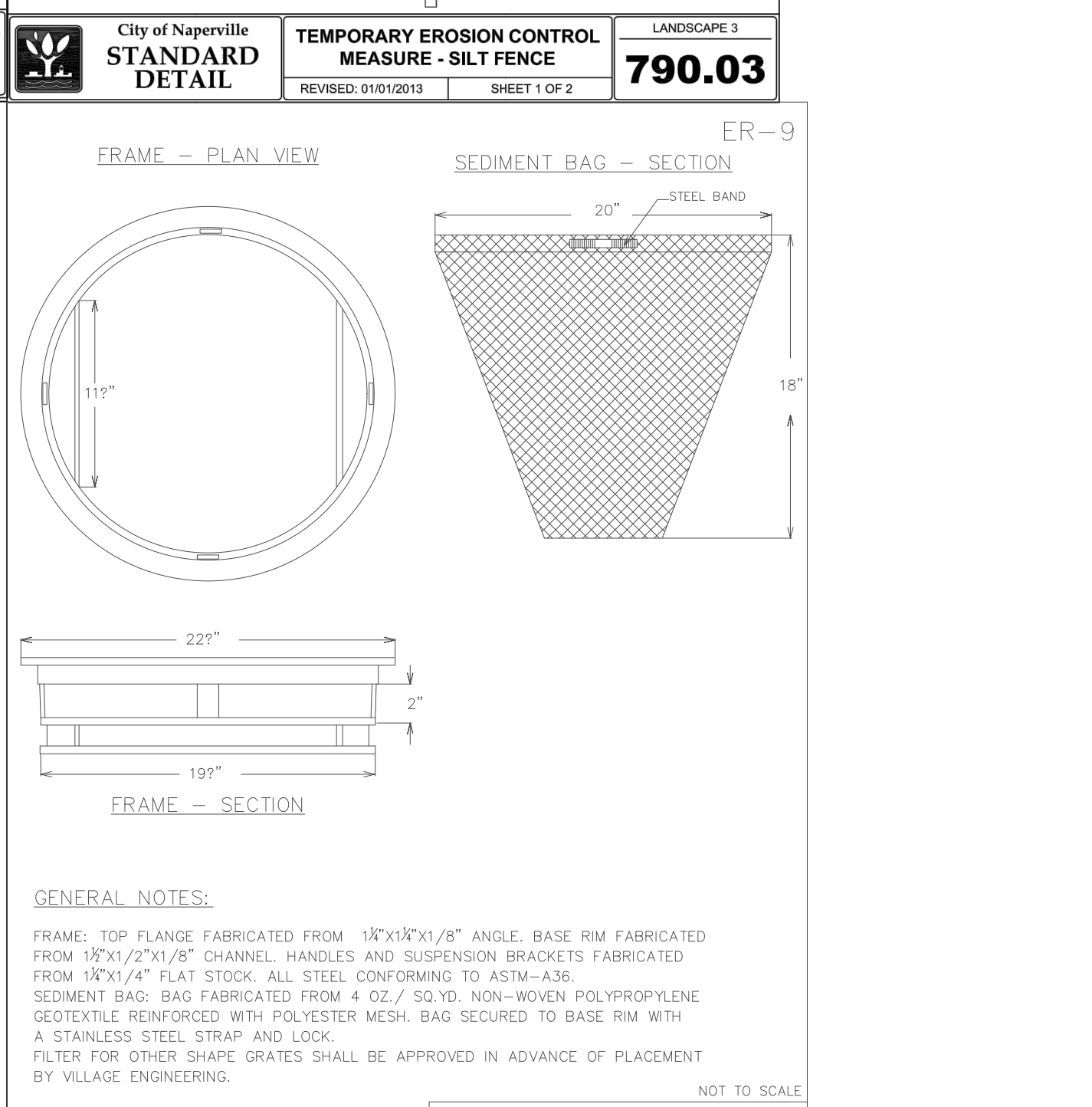
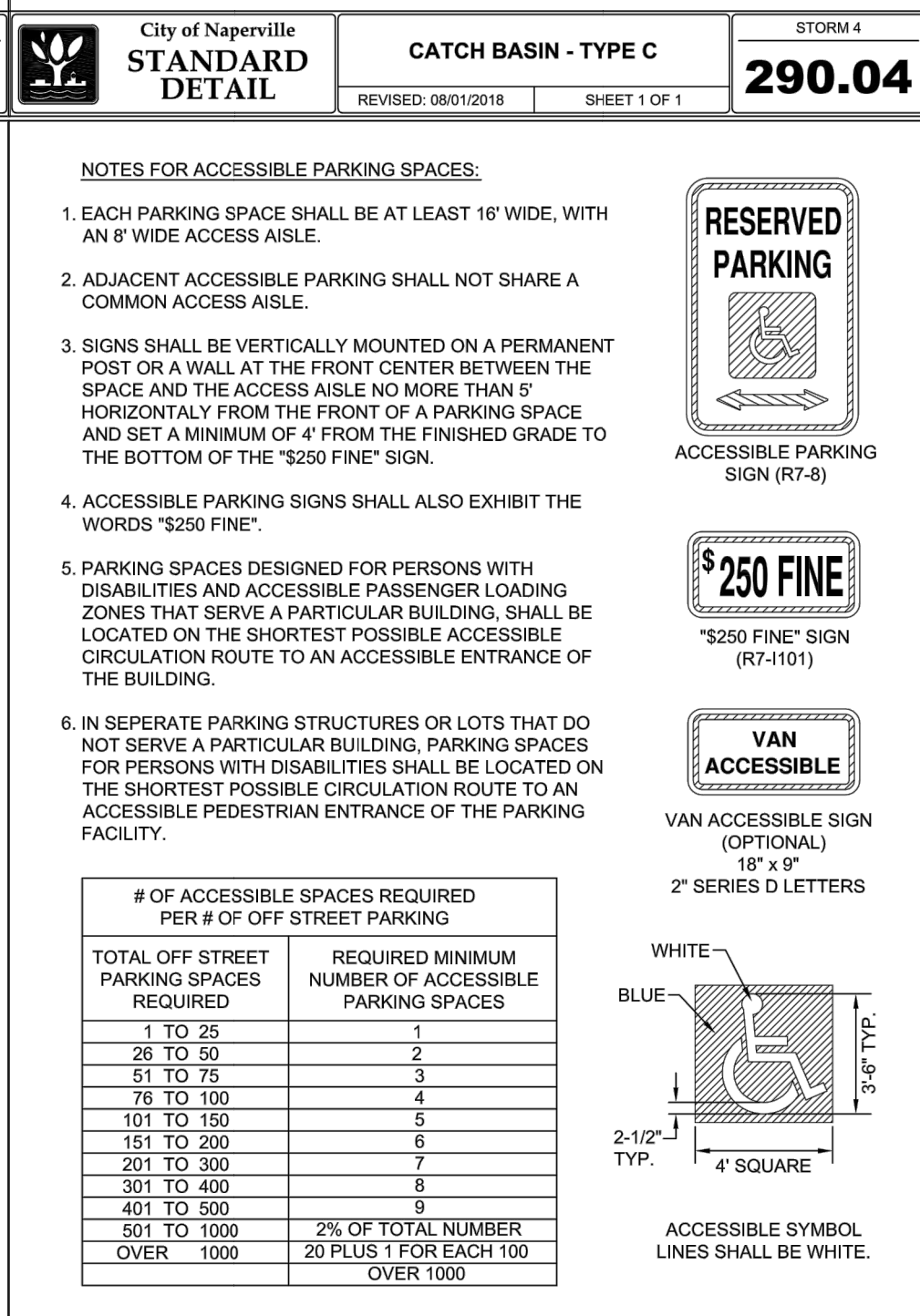
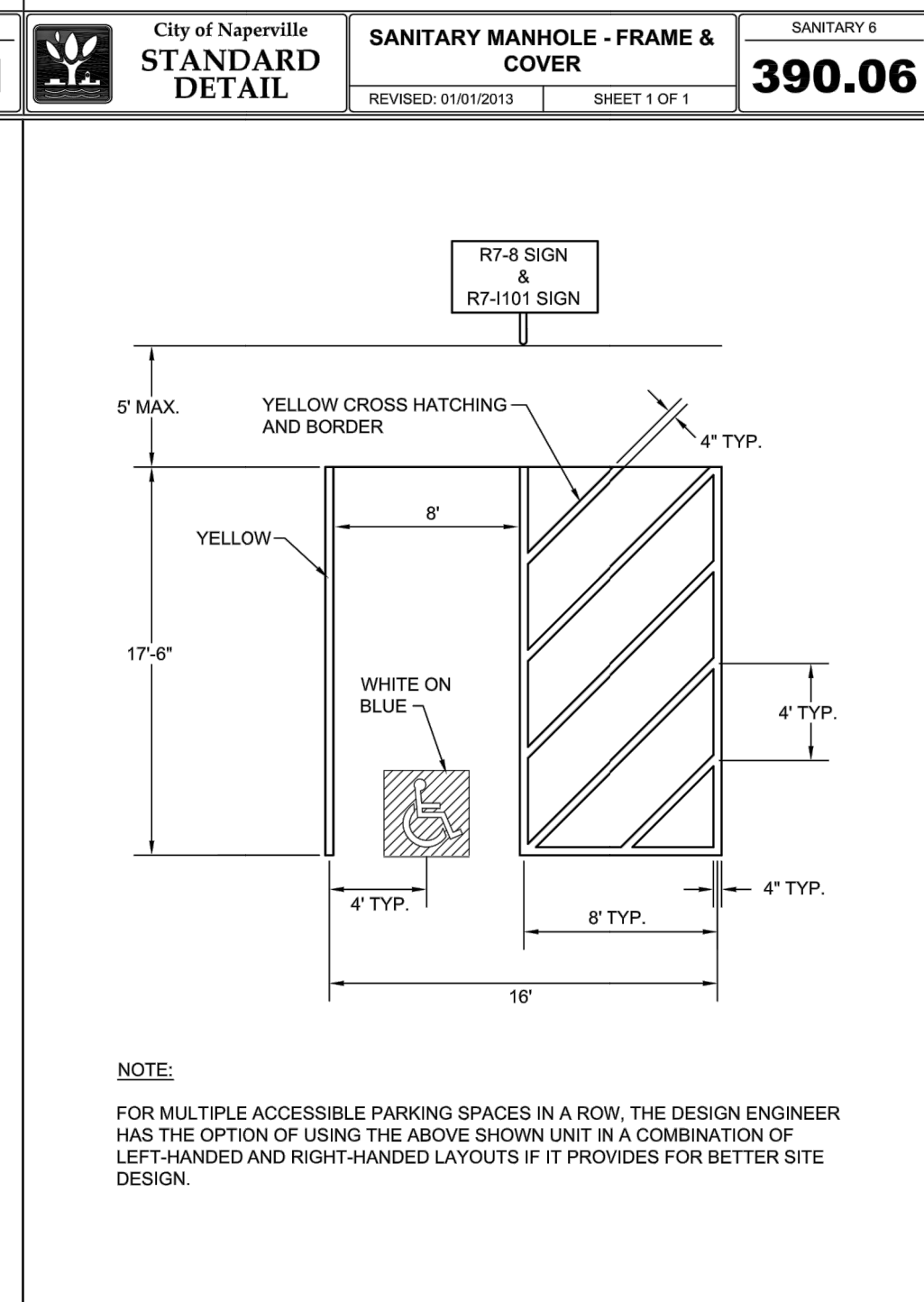
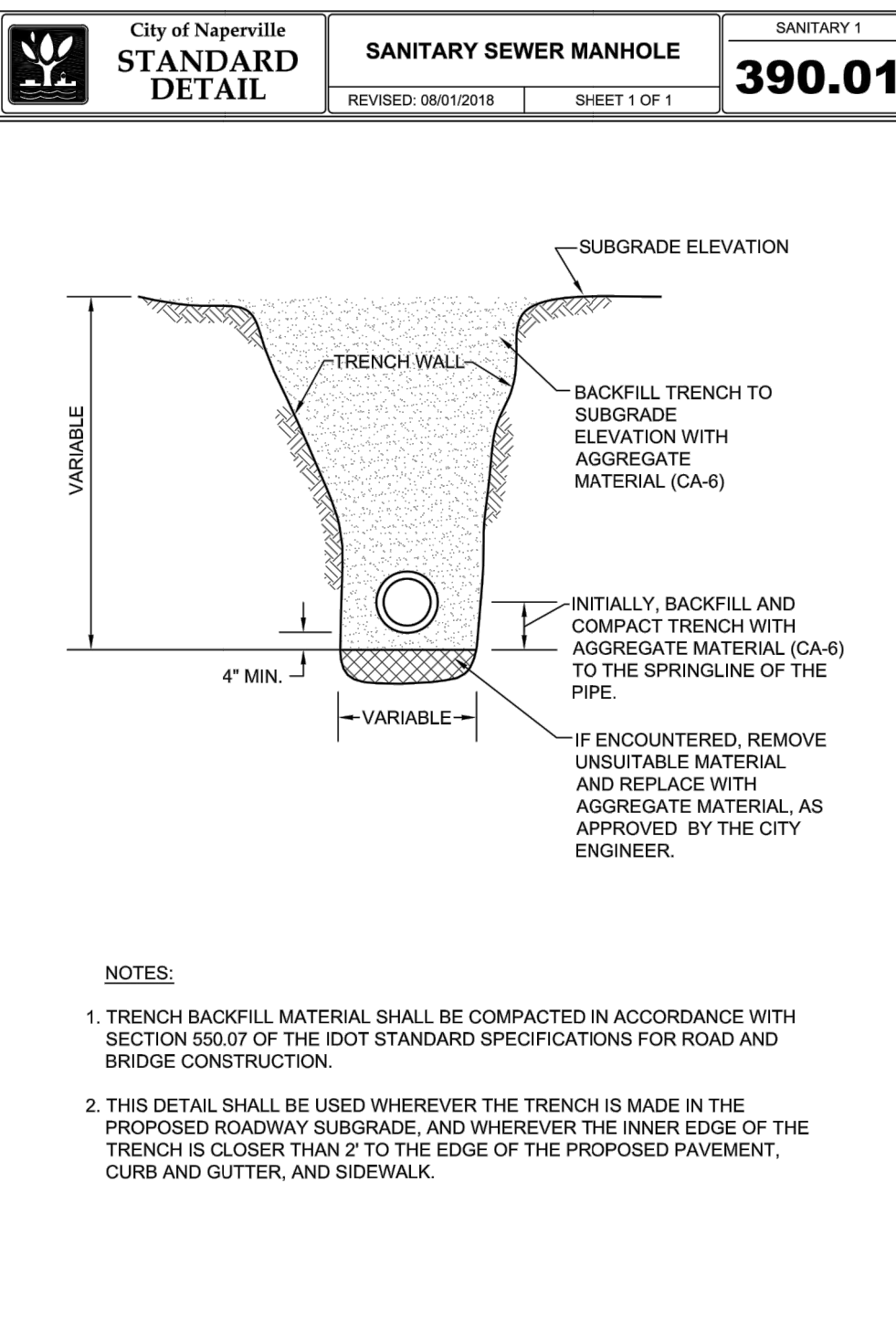
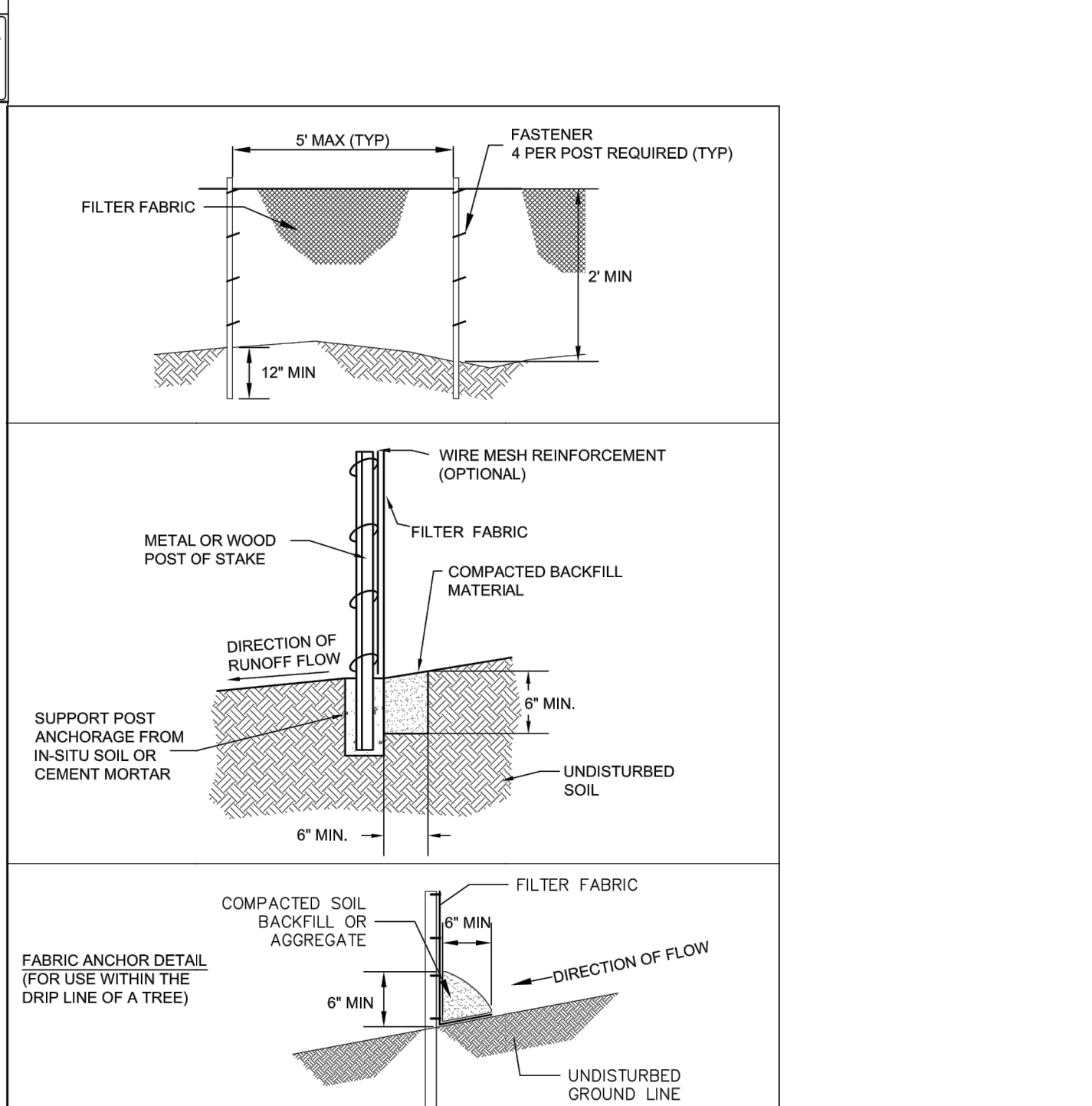
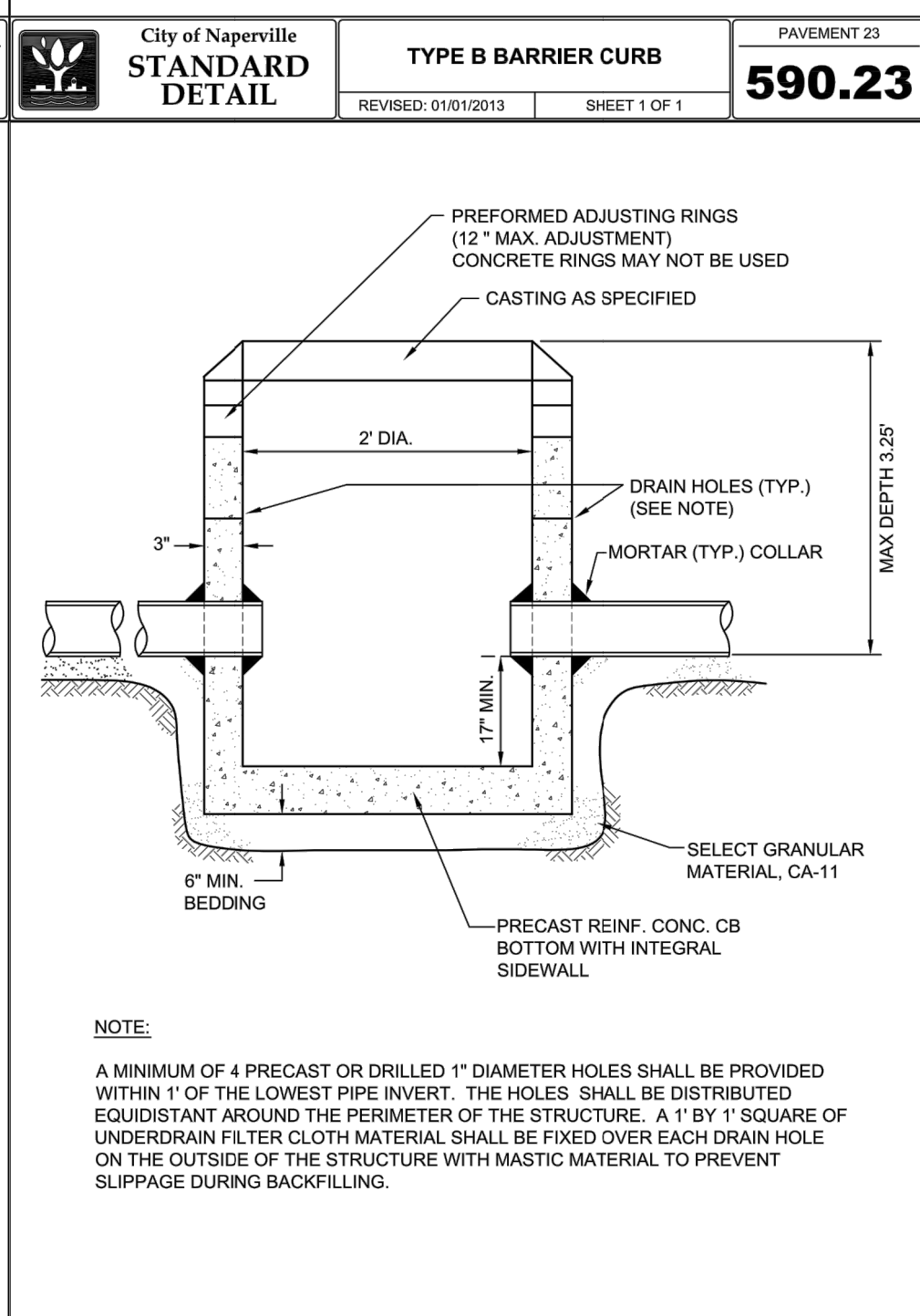
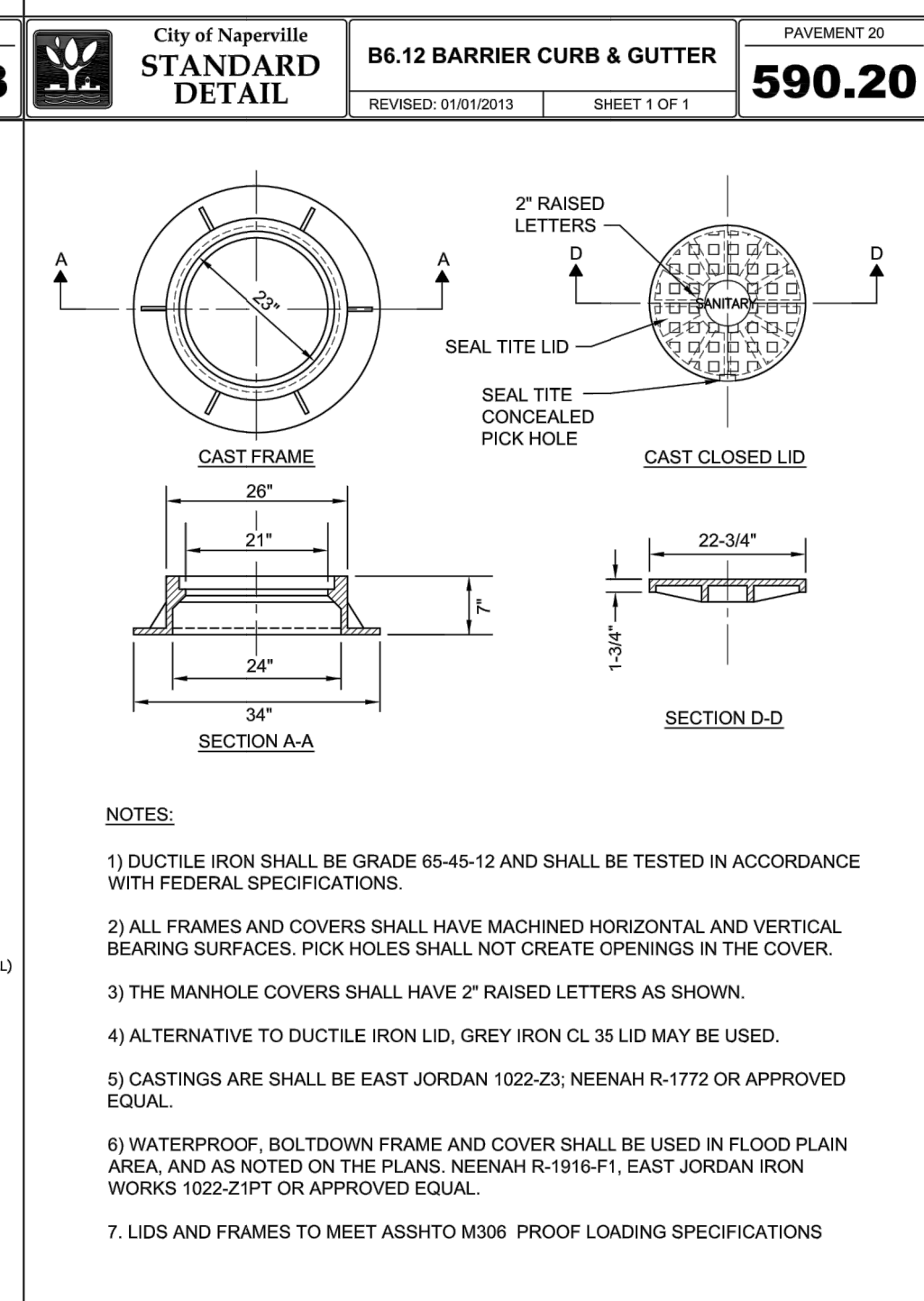
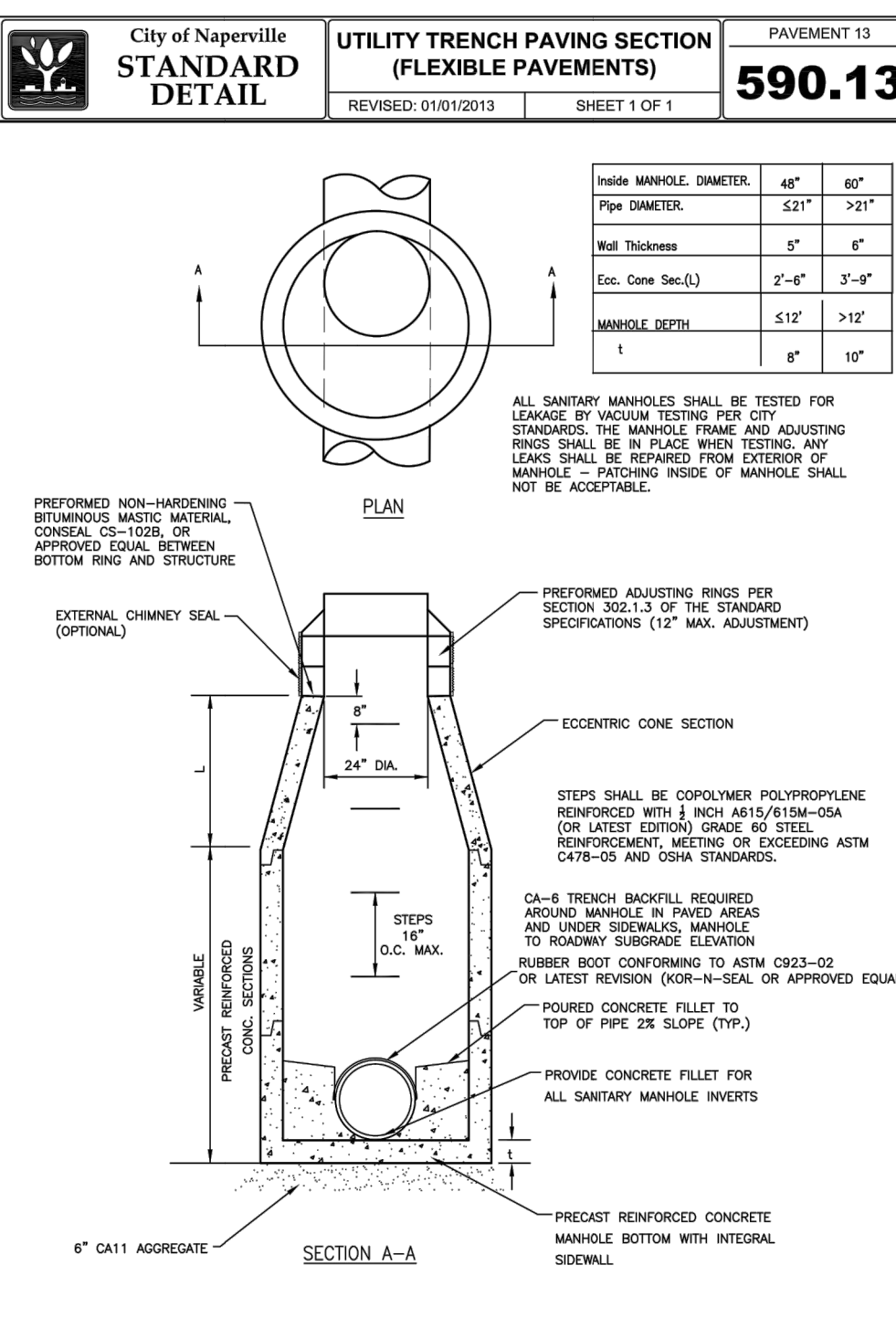
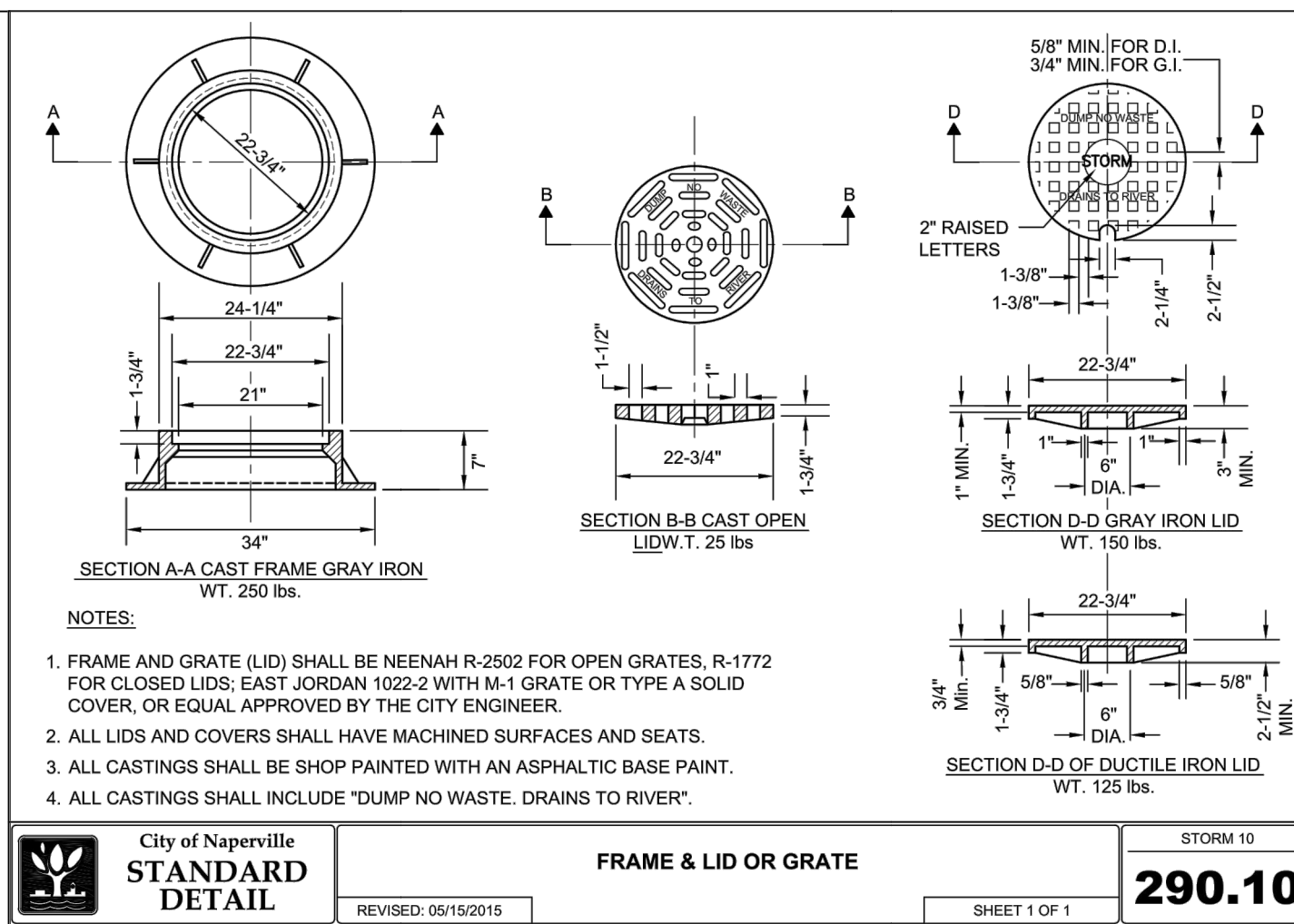
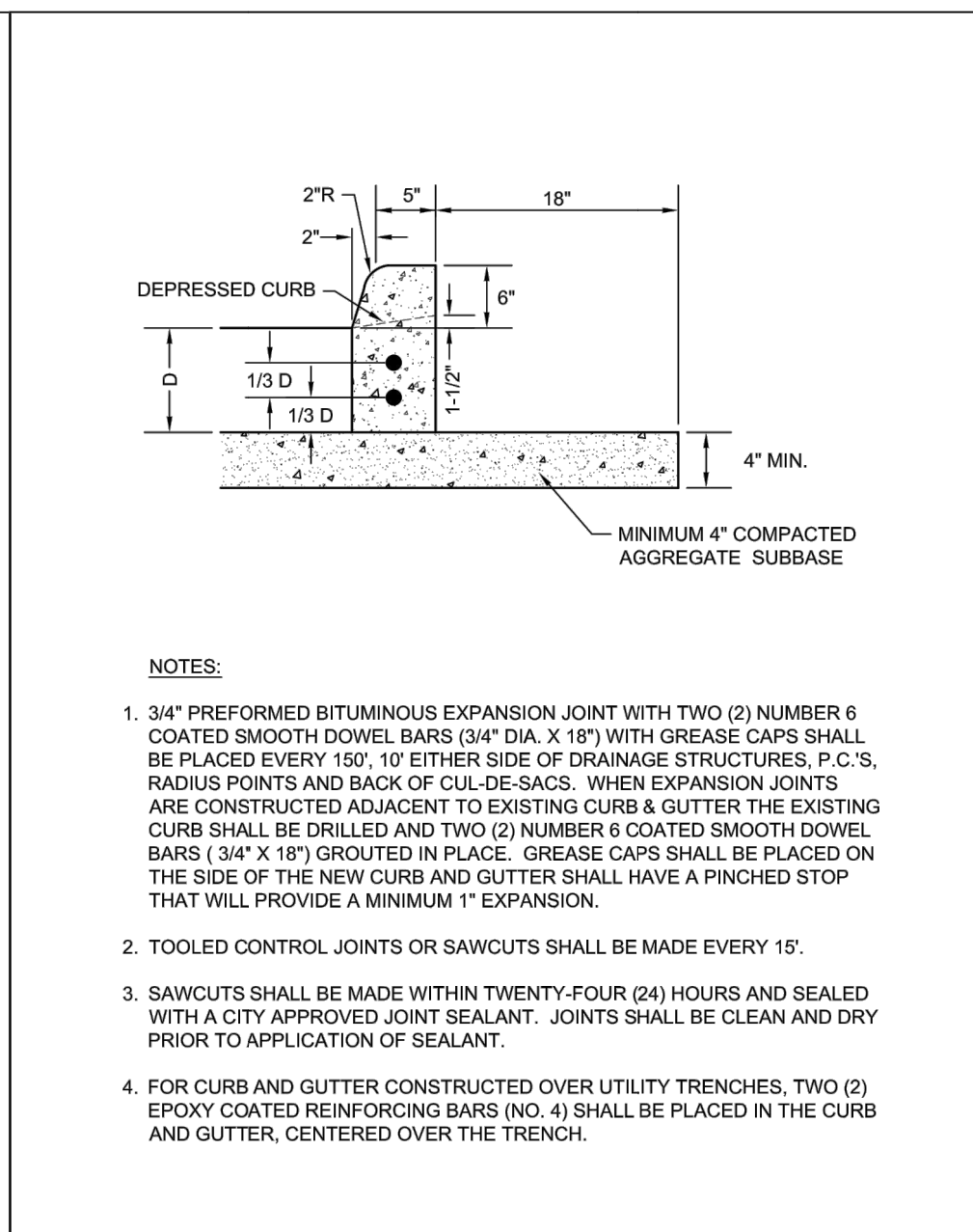
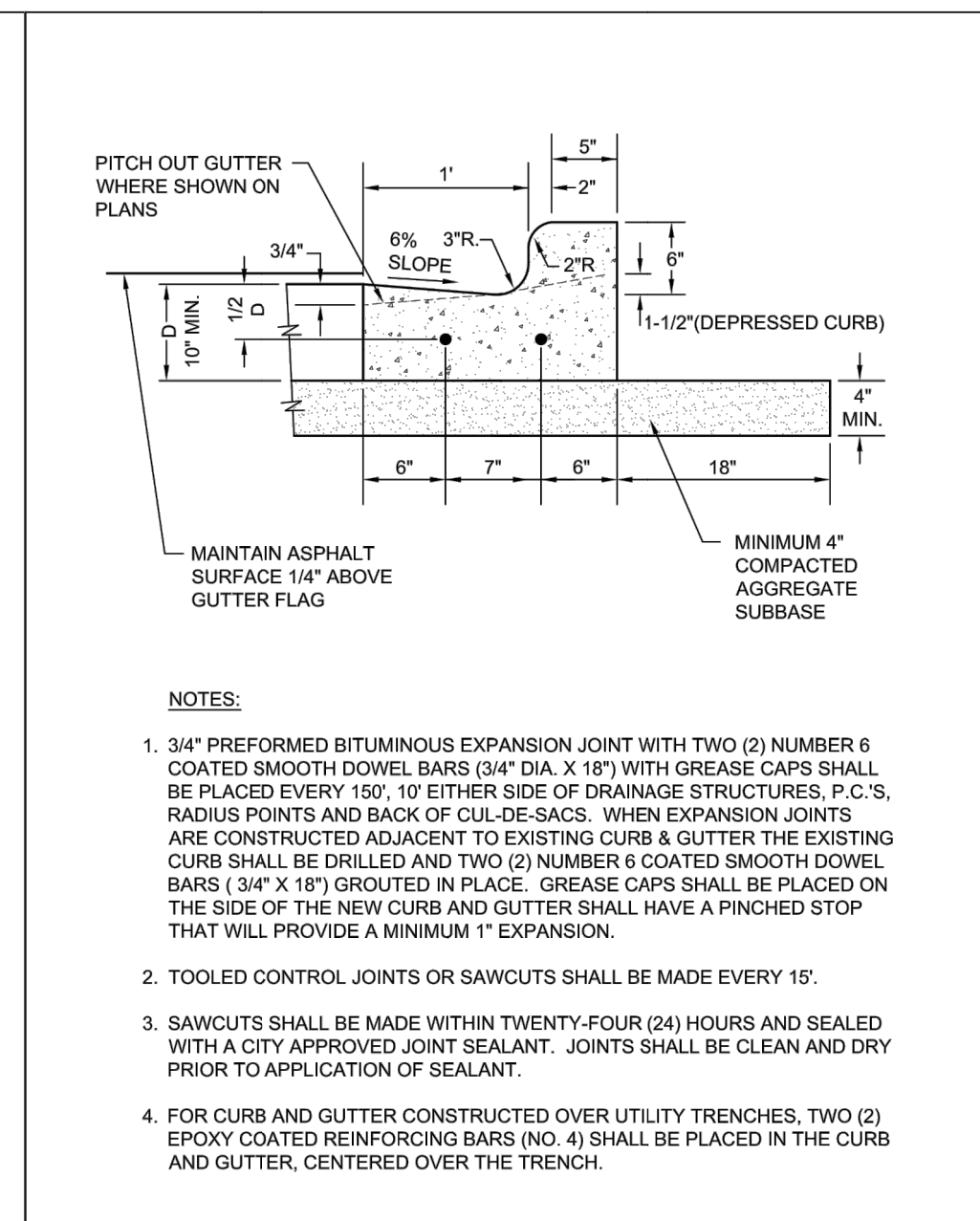
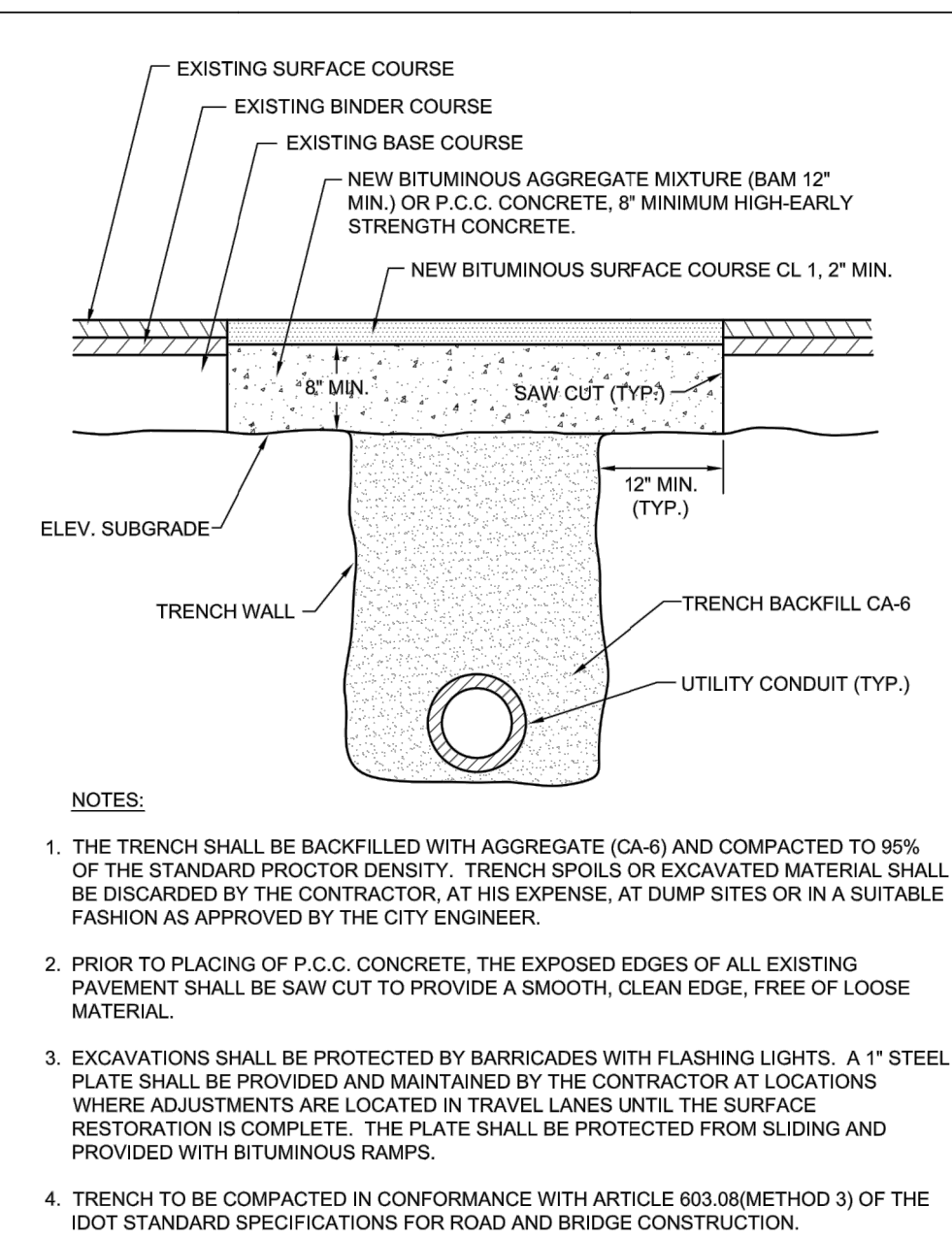
BCI
BONO CONSULTING, INC.
CIVIL ENGINEERS

710 EAST COLEMAN AVE., SUITE 570
NAPERVILLE, IL 60563
PH: (630) 229-9512
FAX: (630) 923-3393
DESIGN FIRM NO. 184-0002379
rwalker@bonoconsulting.com

COVER SHEET, TOPOGRAPHIC SURVEY AND DEMOLITION PLAN CAR WASH MODIFICATIONS 1090 75TH STREET, NAPERVILLE IL 60563

PROJECT NO.:	19036
BASE FILE:	
SHEET FILE:	
ISSUE DATE:	Feb. 6, 2020
SCALE:	1"=20'-0"
SHEET NUMBER	C-0

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DATE	REVISIONS	PROJECT STAFF	ISSUE
7/17/2019	1. INITIAL SUBMITTAL	PROJECT MANAGER: E. WALKER P.E. / LEAD P.E.	1
10/20/2019	2. REVISION PER CITY COMMENTS	ENGINEER: M. WANG	2
11/02/2019	3. REVISION PER CITY COMMENTS	ENGINEER: M. WANG	3
2/6/2020	4. REVISION PER CITY COMMENTS	TECHNICIAN: M. WANG	4

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STANDARD DETAILS
 CAR WASH MODIFICATIONS
 1090 75TH STREET, NAPERVILLE IL 60563

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PROJECT NO.: 19036
 BASE FILE:
 SHEET FILE:
 ISSUE DATE: Feb. 6, 2020
 SCALE: 1"=10'-0"
 SHEET NUMBER: C-3