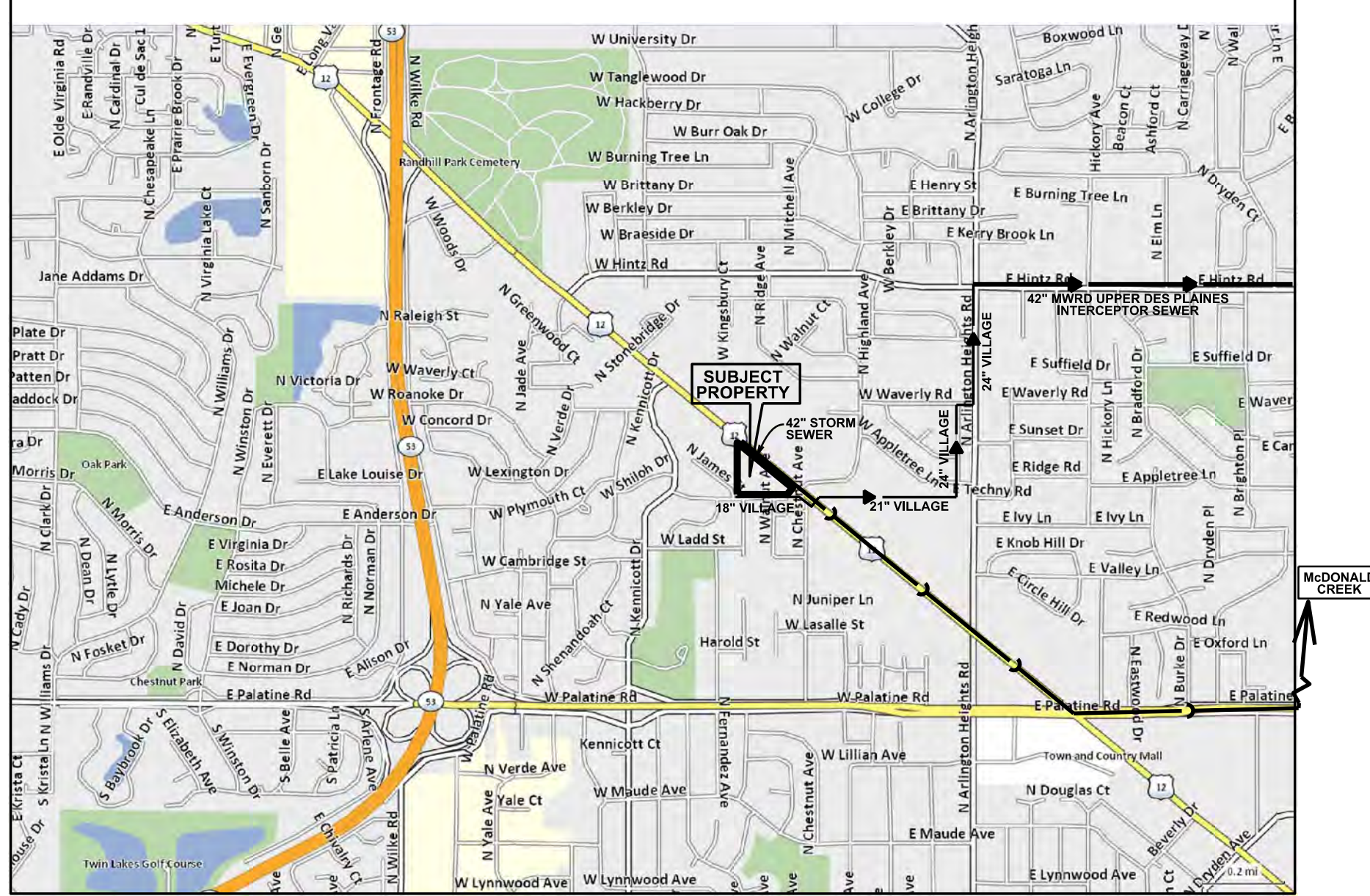


WAVERLY INN MEMORY CARE & COTTAGES

515 W. RAND ROAD - MEMORY CARE
517 & 519 W. RAND ROAD - COTTAGES

VILLAGE OF ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS

LOCATION MAP NORTH



INDEX OF SHEETS

- C1. COVER SHEET
- C2. SPECIFICATIONS
- C3. EXISTING CONDITIONS & DEMOLITION PLAN
- C4. GEOMETRICS PLAN
- C5. GRADING PLAN
- C6. EROSION CONTROL PLAN
- C7. EROSION CONTROL NOTES AND DETAILS
- C8. UTILITY PLAN
- C9. DETAILS
- C10. DETAILS
- C11. RAND ROAD ENTRANCE
- C12. STANDARDS

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED

GENERAL DESCRIPTION OF DEVELOPMENT:

PROPOSED DEVELOPMENT OF A MEMORY CARE FACILITY AND INDEPENDENT LIVING COTTAGES ON A 4.20 ACRE SITE. THE DEVELOPMENT AREA IS THE ENTIRE 4.20 ACRE SITE.

CONTACT INFORMATION:

VILLAGE OF ARLINGTON HEIGHTS
33 S. ARLINGTON HEIGHTS ROAD
ARLINGTON HEIGHTS, IL 60005
MICHAEL L PAGONES, P.E.
(847) 368-5250

M.W.R.D.G.C.
FIELD OFFICE
(708)-588-4055

NICOR GAS
PO BOX 190
AURORA, IL 60507-0190
(630)-983-8676

COMED
1500 FRANKLIN BOULEVARD
LIBERTYVILLE, IL 60048
(847)-816-5254

ATT
(847)-888-7333

BENCHMARKS:

MONUMENT RECOVERY SHEET
VILLAGE OF ARLINGTON HEIGHTS, IL
MONUMENT 18
1" BRASS DISC ON SOUTHERLY SIDE OF CONCRETE BASE OF SECOND LIGHT POLE
EASTERLY OF KENNICOTT DRIVE, 29' +/- NORTHERLY OF RAND ROAD AND 550' +/-
EASTERLY OF KENNICOTT DRIVE.
N 1986643.3833
E 1076571.1725
ELEVATION = 705.63 NAVD 1988

GPS SURVEY MONUMENT LOCATION
VILLAGE OF ARLINGTON HEIGHTS, IL
STATION: GETTYSBURG
MONUMENT IS A 3" DIAM. BRONZE DISK PLACED IN CONCRETE STAMPED VILLAGE OF
ARLINGTON HEIGHTS NORTHEAST CORNER OF GETTYSBURG DRIVE AND LADD
STREET.
N 1984897.2729
E 1076571.1725
ELEVATION = 714.20 NAVD 1988

SITE BENCHMARK:
SURVEY CONTROL POINT, CUT CROSS IN CONCRETE SIDEWALK ALONG RAND ROAD.
N 1984897.2729
E 1076571.1725
ELEVATION = 701.93 NAVD 1988

THE PROJECTED COORDINATE SYSTEM FOR THIS JOB IS BASED NAD_83 ILLINOIS
STATE PLANES, EAST ZONE (1201)

DRAINAGE CERTIFICATE

TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THIS DEVELOPMENT OR ANY PART THEREOF, OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE DEVELOPER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THIS DEVELOPMENT.

PREPARED FOR:

RJ DEVELOPMENT

401 CENTRAL ST. SE, OLYMPIA, WASHINGTON, 98501, (360) 528-3343

CONSULTING ENGINEERS:

PEARSON, BROWN & ASSOCIATES, INC.

A PROFESSIONAL DESIGN FIRM - ILLINOIS PROFESSIONAL ENGINEERING CORPORATION - LICENSE NUMBER 184-001058 EXPIRES 04/30/17
1850 W. WINCHESTER ROAD - SUITE 205 LIBERTYVILLE, IL 60048 (847) 367-6707

CONTACT JULIE AT 8-1-1 OR 800-892-0123

With the following:

County _____ Cook

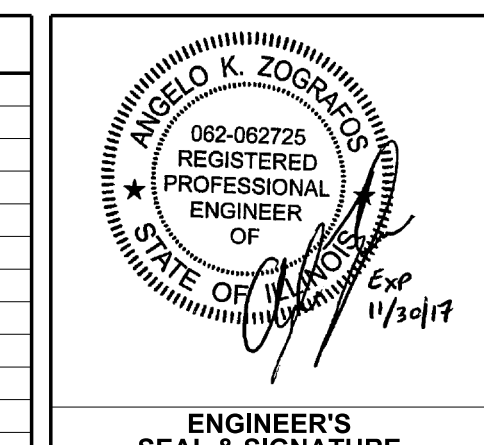
City/Township _____ Wheeling / T42N R11E

Sec 1/4 Sec No. _____ Sec 18, NE 1/4

Call 2 working days BEFORE YOU DIG.

PERMIT	NUMBER	DATE ISSUED
IEPA - SANITARY		
IEPA - WATER SUPPLY		
IEPA - NOI		
IDOT - ACCESS		
MWRD		
VILLAGE		

REVISIONS		
1	04/14/16	PER IDOT REVIEW COMMENTS
2	05/10/16	PER VILLAGE REVIEW COMMENTS
3		
4		
5		
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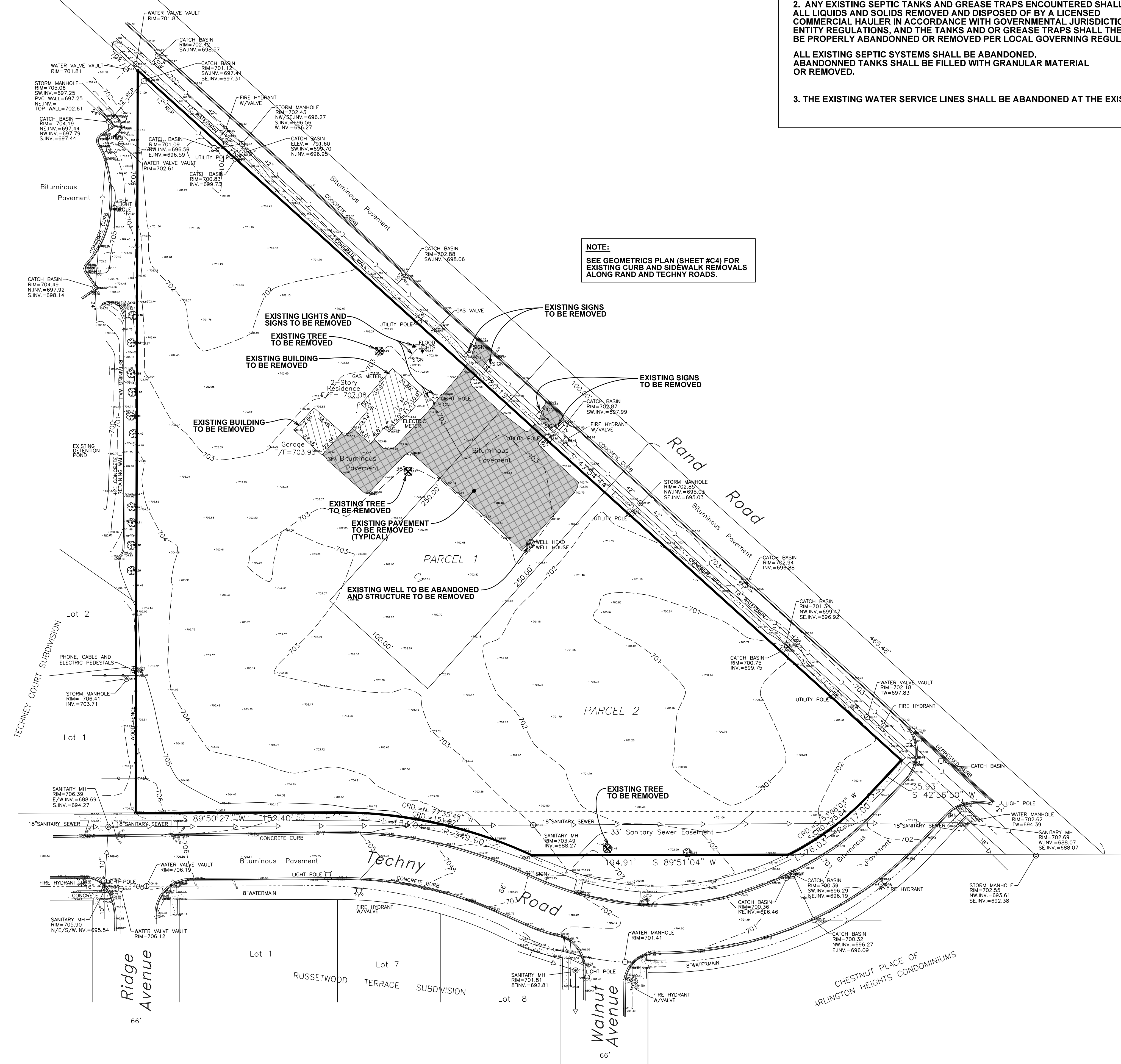


ORIGINAL ISSUE DATE:
03/29/16

SHEET NUMBER
C1

OF 12 SHEETS

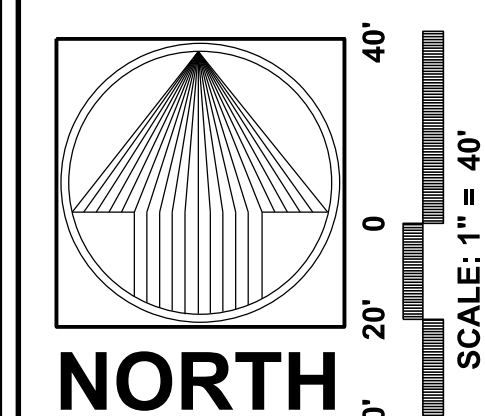
NOT FOR CONSTRUCTION



NOTES:

1. ANY EXISTING WELLS ENCOUNTERED SHALL BE EXPOSED AND SEALED AT LEAST 3 FEET BELOW PROPOSED FINISHED GRADE BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 920.120 OF THE ILLINOIS WATER CONSTRUCTION CODE DEPARTMENT OF PUBLIC HEALTH, LATEST EDITION, AND ALL APPLICABLE LOCAL RULES AND REGULATIONS. ABANDONMENT OF THE EXISTING WELL MUST BE PERFORMED BY A STATE OF ILLINOIS CERTIFIED WELL DRILLER.
2. ANY EXISTING SEPTIC TANKS AND GREASE TRAPS ENCOUNTERED SHALL HAVE ALL LIQUIDS AND SOLIDS REMOVED AND DISPOSED OF BY A LICENSED COMMERCIAL HAULER IN ACCORDANCE WITH GOVERNMENTAL JURISDICTIONAL ENTITY REGULATIONS, AND THE TANKS AND OR GREASE TRAPS SHALL THEN BE PROPERLY ABANDONED OR REMOVED PER LOCAL GOVERNING REGULATIONS.
ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
3. THE EXISTING WATER SERVICE LINES SHALL BE ABANDONED AT THE EXISTING WATERMAIN.

NOTE:
SEE GEOMETRICS PLAN (SHEET #C4) FOR EXISTING CURB AND SIDEWALK REMOVALS ALONG RAND AND TECHNY ROADS.



WAWERLY INN MEMORY CARE & COTTAGES
ARLINGTON HEIGHTS, COOK COUNTY, ILLINOIS

PEARSON, BROWN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1850 W. WINCHESTER ROAD - SUITE 205
LIBERTYVILLE, ILL. 60088
PHONE: (847) 387-2557
E-MAIL ADDRESS: pba@pearsonbrown.com
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DRAWN BY: A.K.Z.
CHECKED BY: A.K.Z.
ORIGINAL ISSUE: 03/29/16

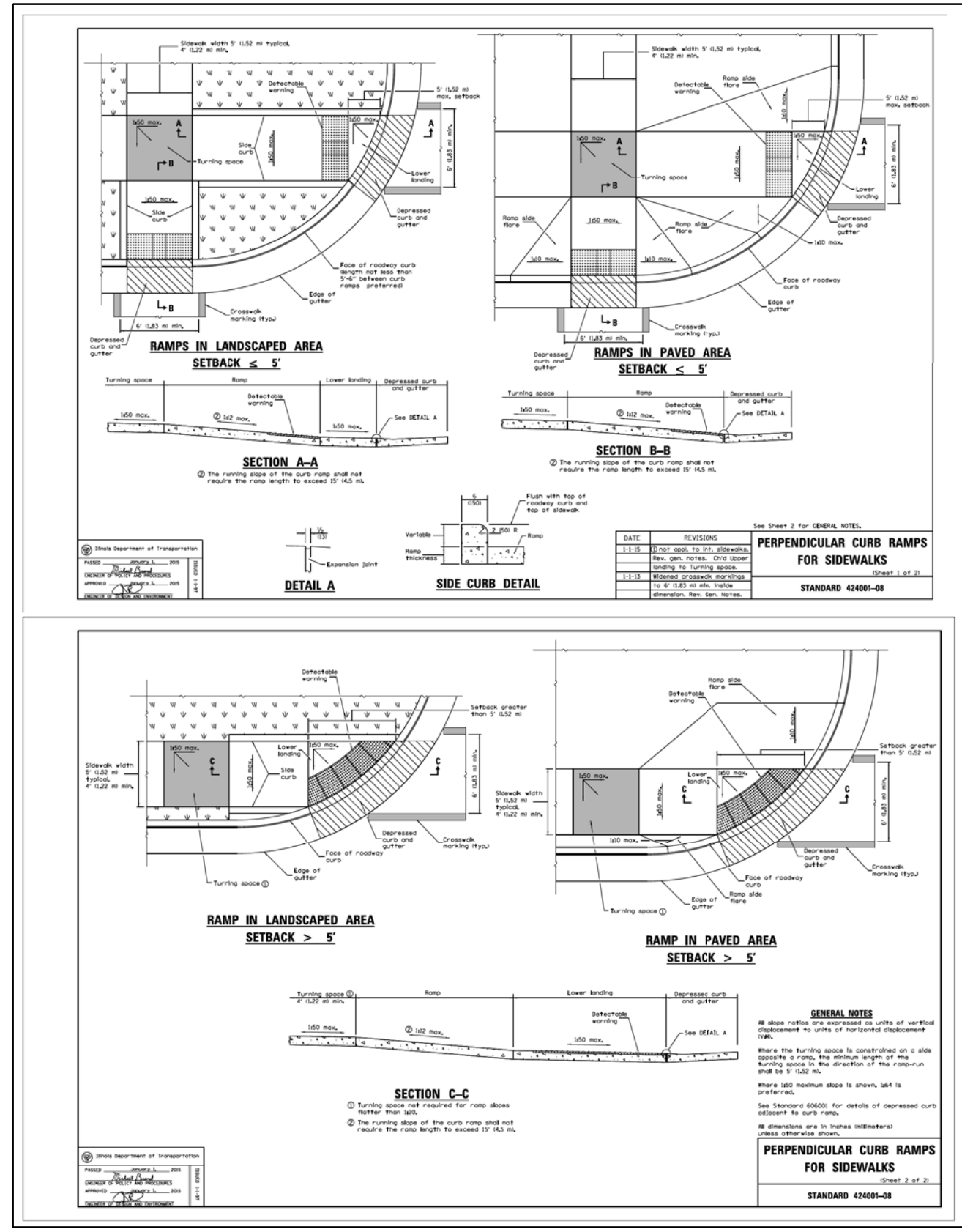
DATE BY	DESCRIPTION
04/14/16 AKZ	REVISED PER IDOT REVIEW COMMENTS
05/10/16 AKZ	REVISED PER VILLAGE REVIEW COMMENTS

EXISTING CONDITIONS & DEMOLITION PLAN

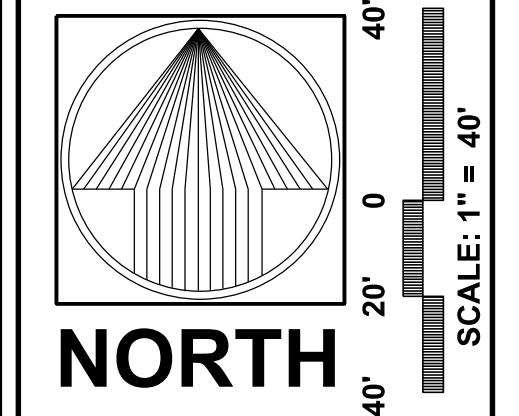
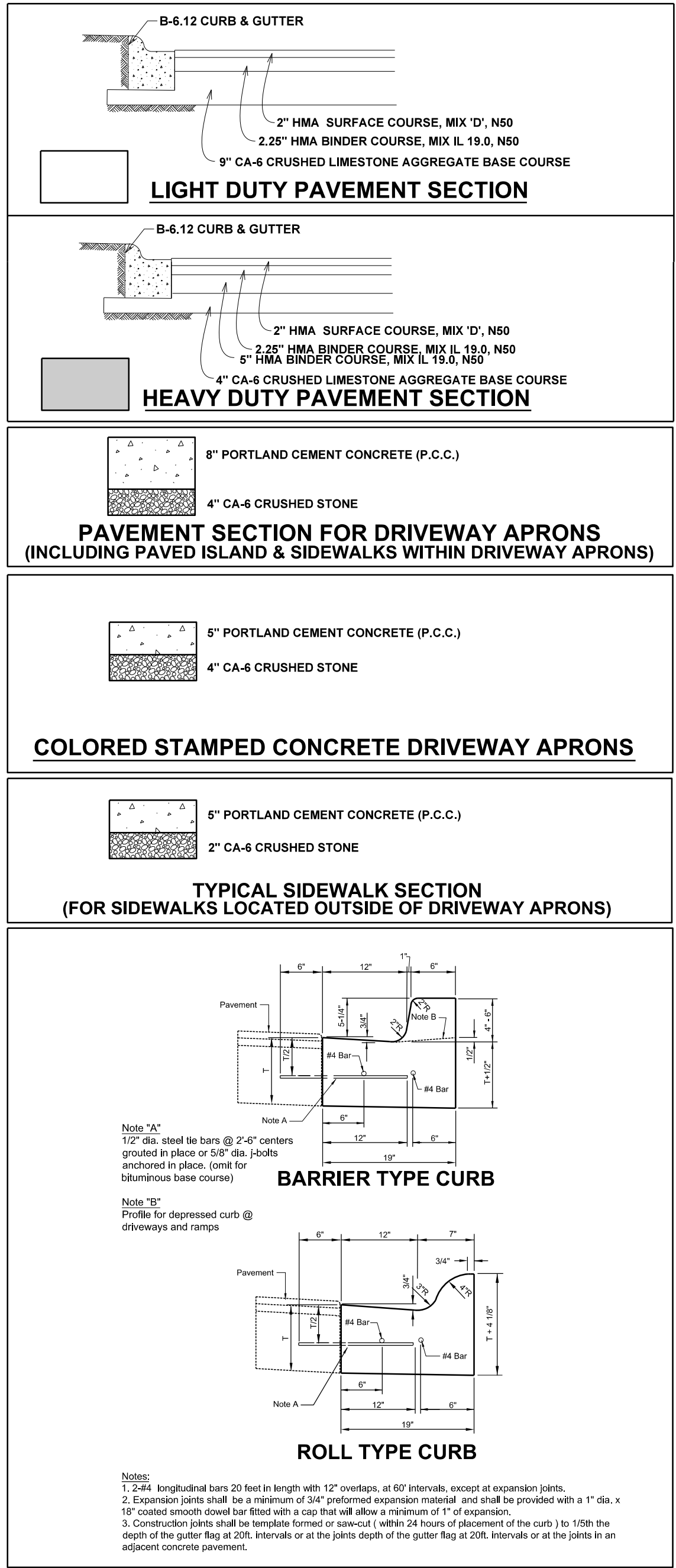
REVISIONS

SHEET NUMBER
C3
OF 12 SHEETS

JOB No. 1549

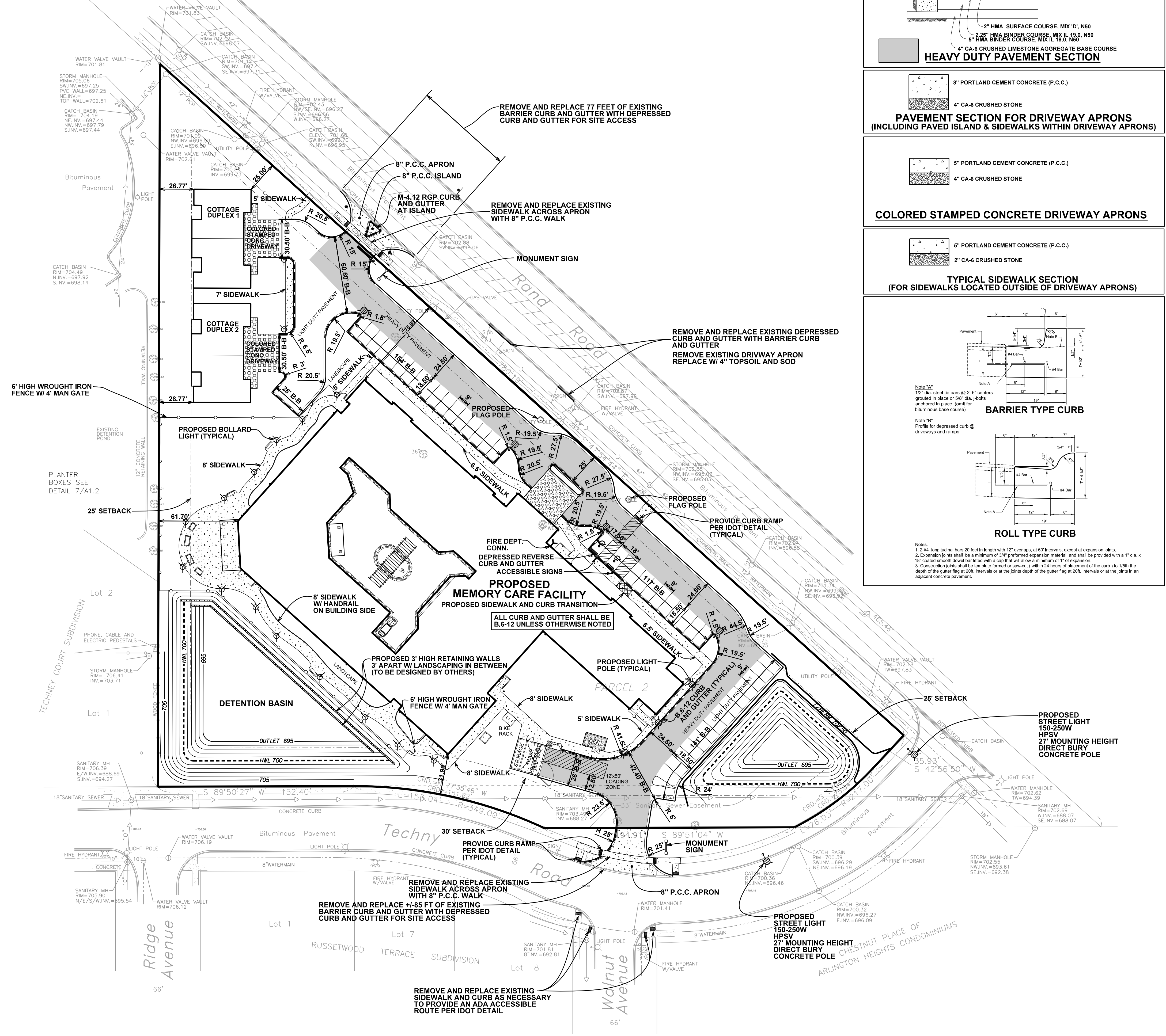


NOTE:
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 CHECKED BY: A.K.Z.
 ORIGINAL ISSUE: 03/29/16



DATE BY	DESCRIPTION
04/14/16 AKZ	REVISED PER IDOT REVIEW COMMENTS
05/10/16 AKZ	REVISED PER VILLAGE REVIEW COMMENTS

REVISIONS

GEOMETRICS PLAN

SHEET NUMBER
C4
 OF 12 SHEETS

JOB No. 1549

Detention Basin Stage-Storage Rating						
Elevation (ft)	Area (ft ²)	Avg. Area (ft ²)	ΔH (ft)	Incremental Volume (ft ³)	Cumulative Volume (ft ³)	Cumulative Volume (ac-ft)
695.00	6,704	7,053	1.00	7,053	0.00	0.00
696.00	7,401	7,764	1.00	7,764	7,053	0.16
697.00	8,127	8,490	1.00	8,490	14,817	0.34
698.00	8,852	9,244	1.00	8,490	23,306	0.54
699.00	9,635	10,042	1.00	10,042	33,348	0.77
700.00	11,288	10,868	1.00	10,868	44,216	1.02
701.00	12,156	11,722	1.00	11,722	55,938	1.28
702.00	13,924	13,040	1.00	13,040	68,978	1.58
702.50	14,723	14,324	0.50	7,162	76,139	1.75
694.00	879	1,123	1.00	1,123	0.00	0.00
695.00	1,367	1,644	1.00	1,644	1,123	0.03
696.00	1,921	2,244	1.00	2,244	2,767	0.06
697.00	2,566	2,929	1.00	2,929	5,011	0.12
698.00	3,292	3,695	1.00	3,695	7,940	0.18
699.00	4,097	4,540	1.00	4,540	11,634	0.27
700.00	4,983	5,465	1.00	5,465	16,174	0.37
701.00	5,946	7,611	1.00	7,611	21,639	0.50
702.00	9,275	9,867	1.00	9,867	29,249	0.67
702.50	10,459	9,867	0.50	4,934	34,183	0.78
694.00					0.00	0.00
695.00					1,123	0.03
696.00					9,820	0.23
697.00					19,827	0.46
698.00					31,246	0.72
699.00					44,962	1.03
700.00					60,390	1.39
701.00					77,576	1.78
702.00					98,227	2.25
702.50					110,322	2.53

STORMWATER DETENTION CALCULATIONS										
Site Requirements:										
Site Area	4.280 Acres									
Allowable Release Rate	0.766 cfs		(0.18 cfs/ac)							
Penetration: (C = 0.55)										
Impermeous: (C = 0.95)	1.930 Acres		46.0 percent							
Weighted "C" Factor	0.743									
A	B	C	D	E	F	G	H	I	J	K
Runoff Factor "C"	Storm Duration (minutes)	Storm Duration (hours)	Rainfall Intensity "I" (in/hr)	Site Area "A" (acres)	Inflow Rate (cfs)	Release Rate (cfs)	Storage Rate (cfs)	Storage Required (cu-ft)	Storage Required (Ac-ft)	
0.743	5	0.08	10.92	4.200	34.09	0.756	33.33	9999	0.230	
0.743	10	0.17	10.02	4.200	31.28	0.756	30.52	18313	0.420	
0.743	15	0.25	8.20	4.200	25.60	0.756	24.84	22356	0.513	
0.743	30	0.50	5.80	4.200	17.48	0.756	16.72	39104	0.691	
0.743	60	1.00	3.56	4.200	11.11	0.756	10.36	37284	0.856	
0.743	90	1.50	2.63	4.200	8.21	0.756	7.45	40269	0.924	
0.743	120	2.00	2.24	4.200	6.99	0.756	6.24	44900	1.031	
0.743	180	3.00	1.62	4.200	5.06	0.756	4.30	46449	1.066	
0.743	240	4.00	1.38	4.200	4.00	0.756	3.34	46449	1.071	
0.743	300	5.00	1.08	4.200	3.37	0.756	2.62	47074	1.081	
0.743	360	6.00	0.95	4.200	2.97	0.756	2.21	47724	1.096	
0.743	420	7.00	0.83	4.200	2.59	0.756	1.83	48228	1.081	
0.743	480	8.00	0.75	4.200	2.34	0.756	1.59	48652	1.040	
0.743	540	9.00	0.68	4.200	2.12	0.756	1.37	44278	1.016	
0.743	600	10.00	0.63	4.200	1.97	0.756	1.21	43560	1.000	
0.743	660	11.00	0.59	4.200	1.84	0.756	1.09	42993	0.987	
0.743	720	12.00	0.55	4.200	1.72	0.756	0.96	41500	0.953	
0.743	780	13.00	0.52	4.200	1.62	0.756	0.87	40564	0.932	
0.743	840	14.00	0.49	4.200	1.53	0.756	0.77	39888	0.895	
0.743	900	15.00	0.46	4.200	1.44	0.756	0.68	38714	0.843	
0.743	960	16.00	0.43	4.200	1.34	0.756	0.59	37768	0.775	
0.743	1020	17.00	0.41	4.200	1.28	0.756	0.52	32057	0.736	
0.743	1080	18.00	0.39	4.200	1.22	0.756	0.46	29898	0.686	

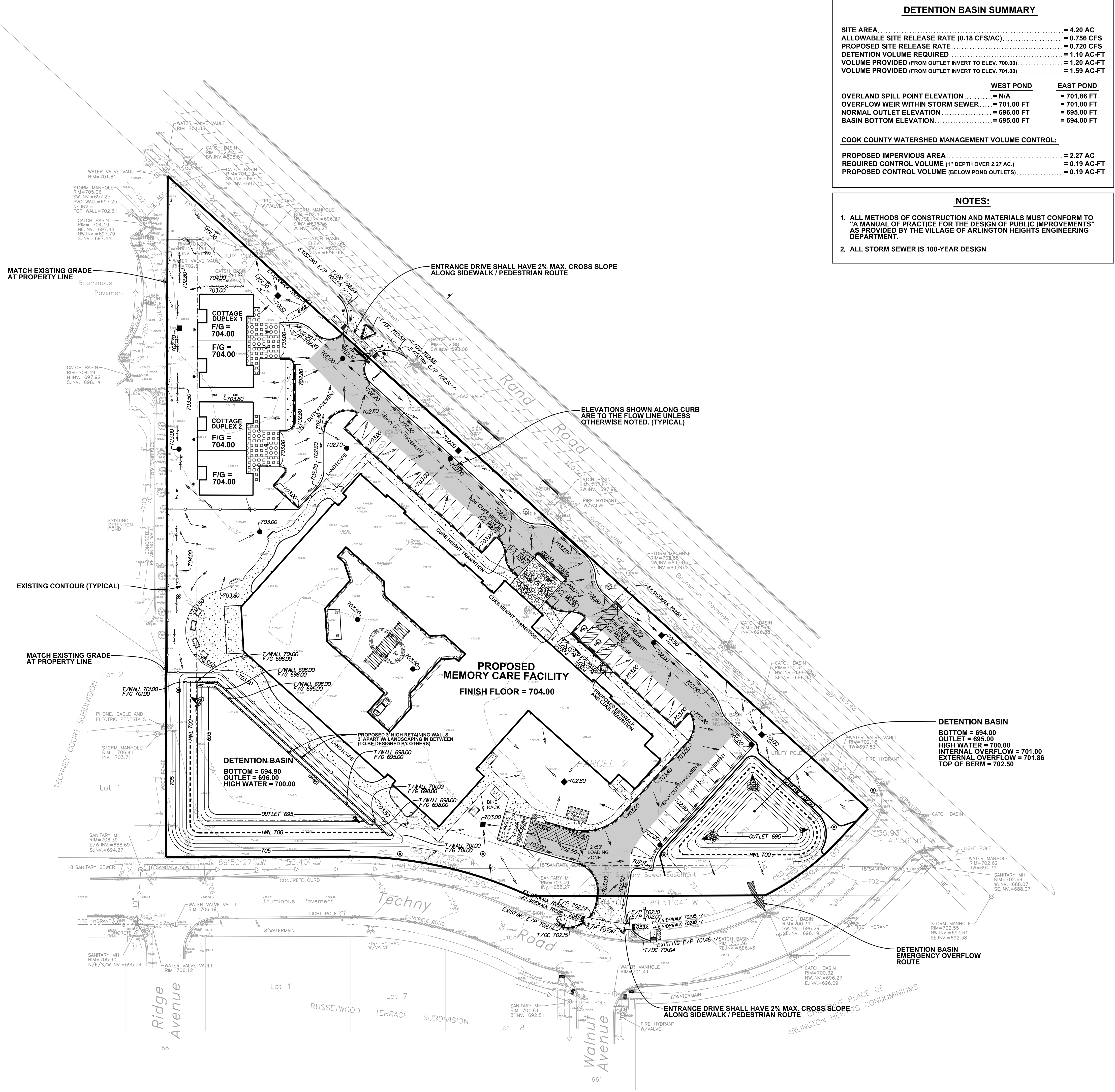
Max. Volume = 1.096 Ac-Ft
47724 Cu-Ft

Office Computation:	
1	Allowable Release Rate, Q (cfs) 0.756
2	High Water Elevation 700.00
3	Outlet Water Elevation storm sewer downstream...
4	Invert Elevation 695.00
5	Diameter of Restrictor (inch) 3.50
6	Cross Section Area (sq. ft.) 0.067
7	Head (ft) 4.85
8	Discharge Coef. 0.61 office coef. using MWRDGC criteria

Summary:	
Ideal Office Area: a =	0.972 sq ft
Release Rate: Q =	0.720 cfs

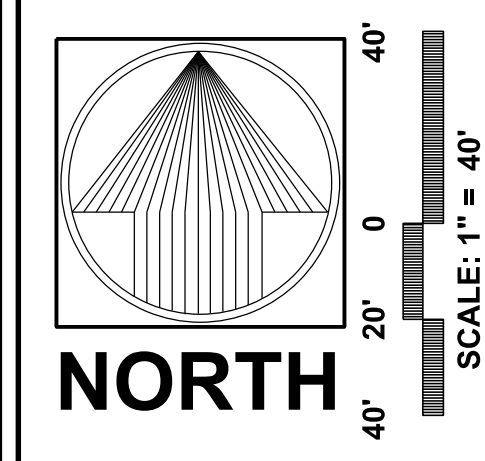
Overflow Calculations: Q=CLH ^{3/2}	
Internal weir:	
coef. - use 2.60	L ft
Q (cfs)	C ft H
5.8	2.6 6 0.5

Emergency Spillway:	
coef. - use 2.60	L ft
Q (cfs)	C ft H
55.2	2.6 60 0.5



DETENTION BASIN SUMMARY	
SITE AREA	= 4.20 AC
ALLOWABLE SITE RELEASE RATE (0.18 CFS/AC)	= 0.756 CFS
PROPOSED SITE RELEASE RATE	= 0.720 CFS
DETENTION VOLUME REQUIRED	= 1.10 AC-FT
VOLUME PROVIDED (FROM OUTLET INVERT TO ELEV. 700.00)	= 1.20 AC-FT
VOLUME PROVIDED (FROM OUTLET INVERT TO ELEV. 701.00)	= 1.59 AC-FT
WEST POND	
OVERLAND SPILL POINT ELEVATION	= N/A
OVERFLOW WEIR WITHIN STORM SEWER	= 701.00 FT
NORMAL OUTLET ELEVATION	= 696.00 FT
BASIN BOTTOM ELEVATION	= 695.00 FT
EAST POND	
OVERLAND SPILL POINT ELEVATION	= 701.86 FT
OVERFLOW WEIR WITHIN STORM SEWER	= 701.00 FT
NORMAL OUTLET ELEVATION	= 695.00 FT
BASIN BOTTOM ELEVATION	= 694.00 FT
COOK COUNTY WATERSHED MANAGEMENT VOLUME CONTROL:	
PROPOSED IMPERVIOUS AREA	= 2.27 AC
REQUIRED CONTROL VOLUME (1" DEPTH OVER 2.27 AC)	= 0.19 AC-FT
PROPOSED CONTROL VOLUME (BELOW POND OUTLETS)	= 0.19 AC-FT

- NOTES:**
- ALL METHODS OF CONSTRUCTION AND MATERIALS MUST CONFORM TO "A MANUAL OF PRACTICE FOR THE DESIGN OF PUBLIC IMPROVEMENTS" AS PROVIDED BY THE VILLAGE OF ARLINGTON HEIGHTS ENGINEERING DEPARTMENT.
 - ALL STORM SEWER IS 100-YEAR DESIGN



WAWERLY INN MEMORY CARE & COTTAGES
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ORIGINAL ISSUE: 03/29/16

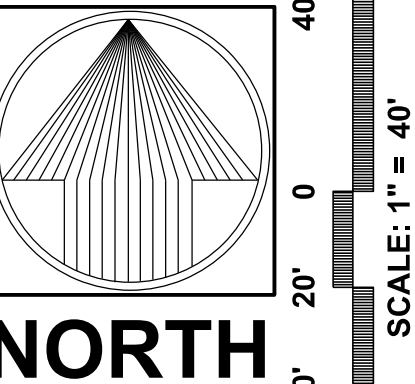
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GRADING PLAN

C5

SHEET NUMBER
OF 12 SHEETS

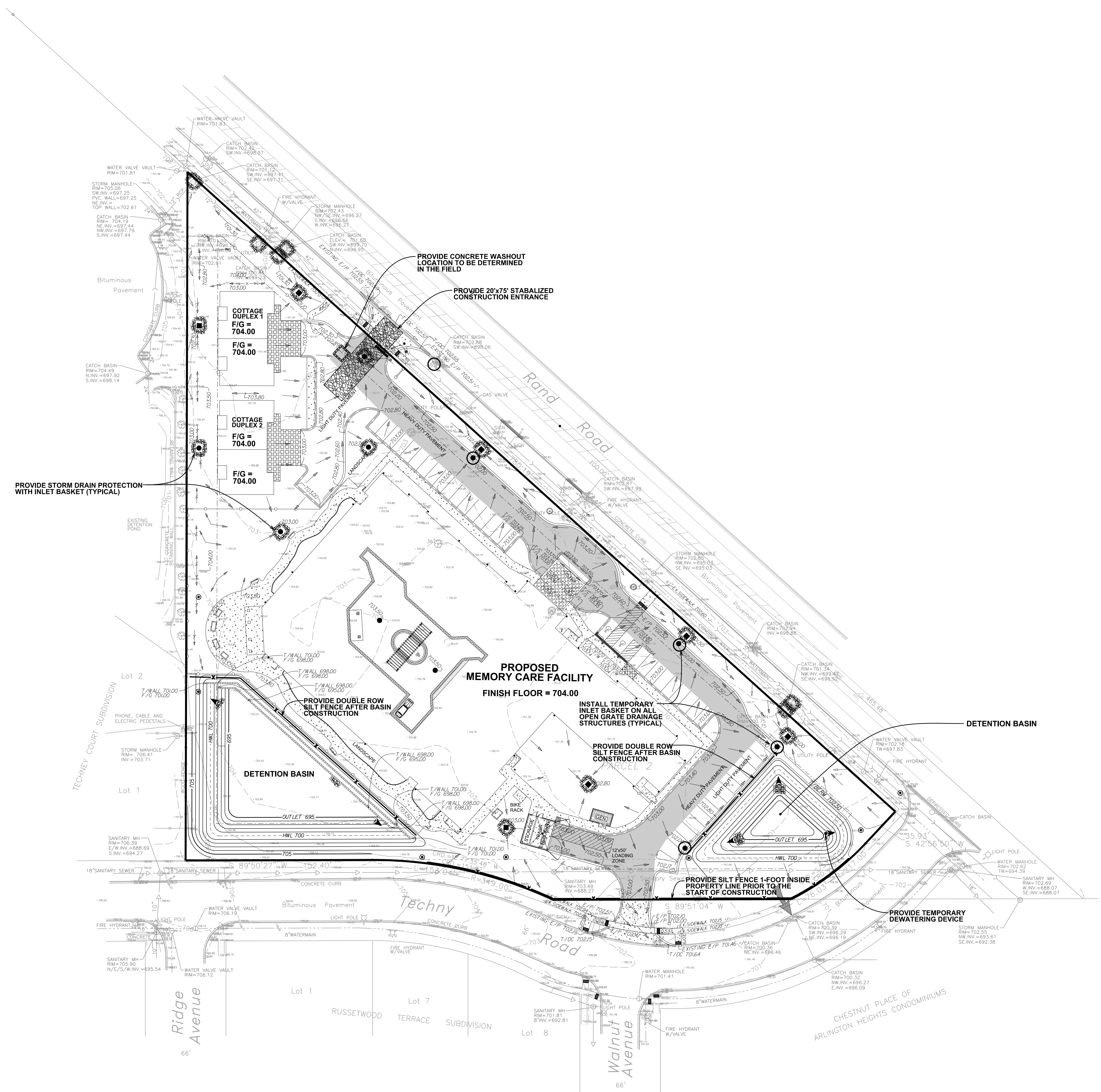
JOB NO. 1549



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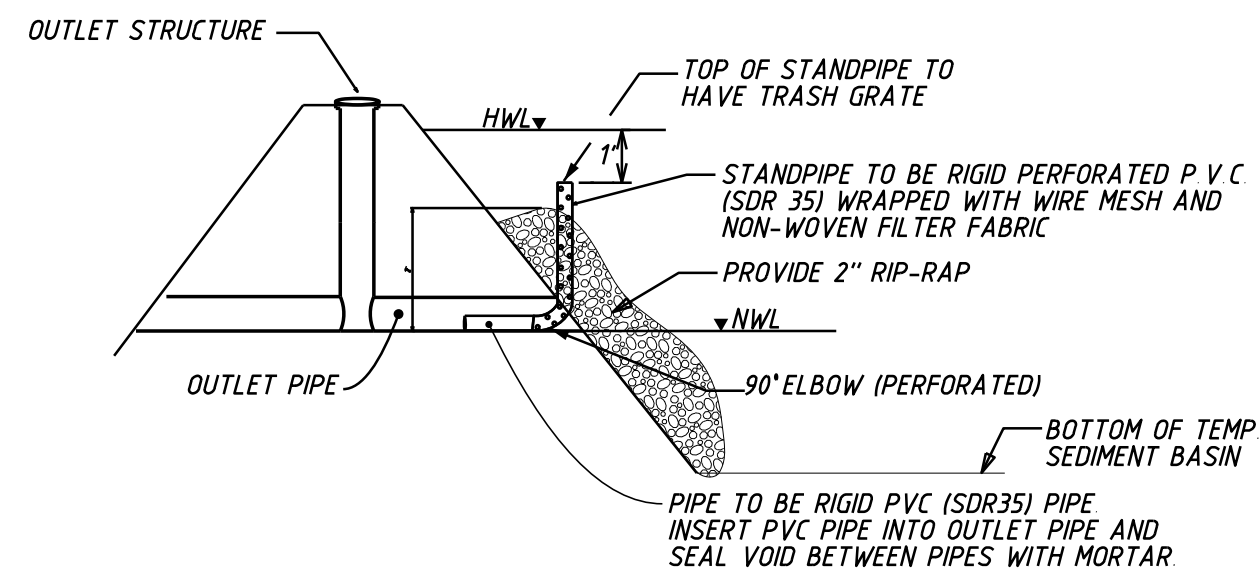
DATE BY	DESCRIPTION
04/14/16 AKZ	REVISED PER IDOT REVIEW COMMENTS
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REVISIONS

EROSION CONTROL PLAN

SHEET NUMBER
C6
 OF 12 SHEETS

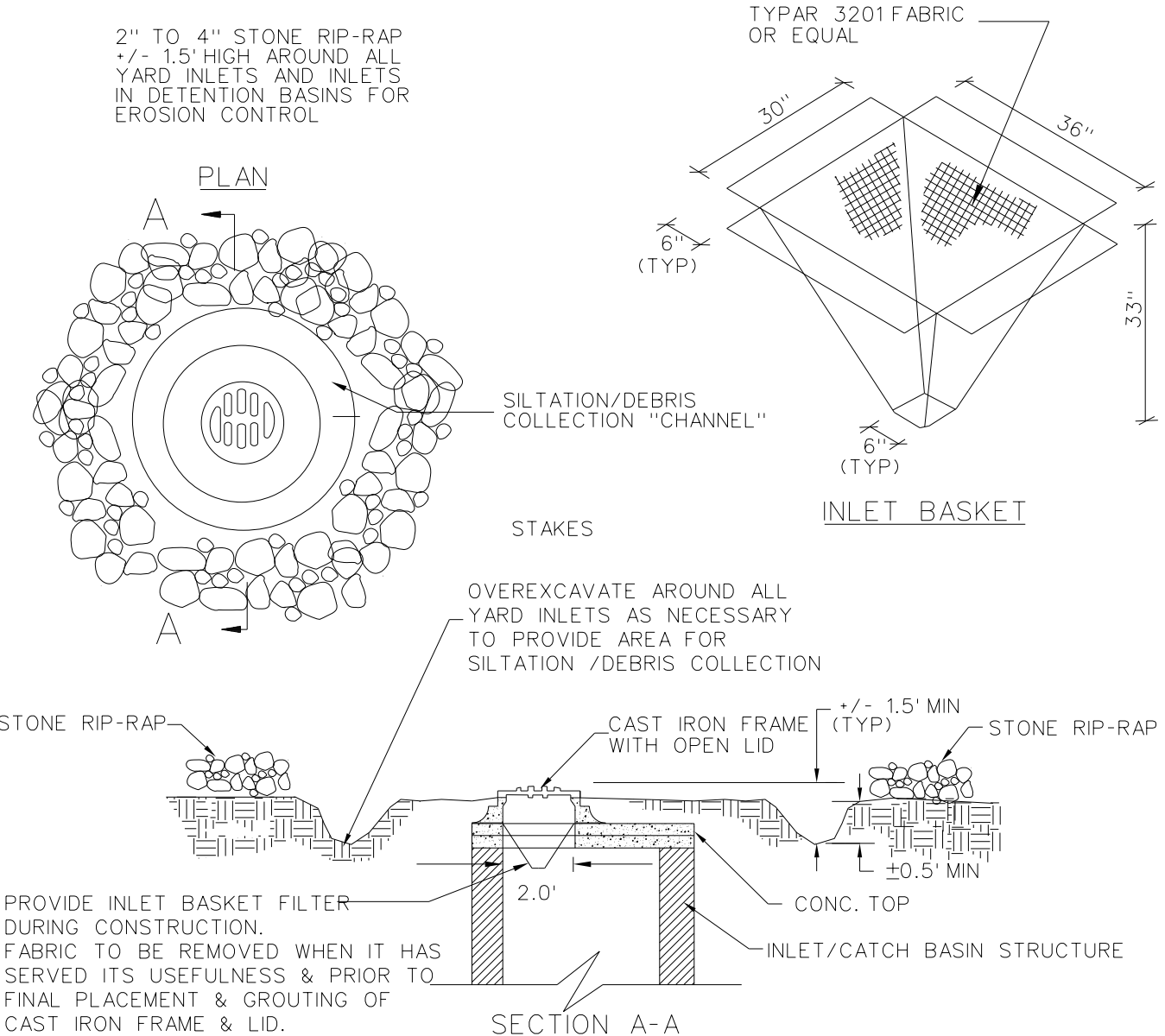
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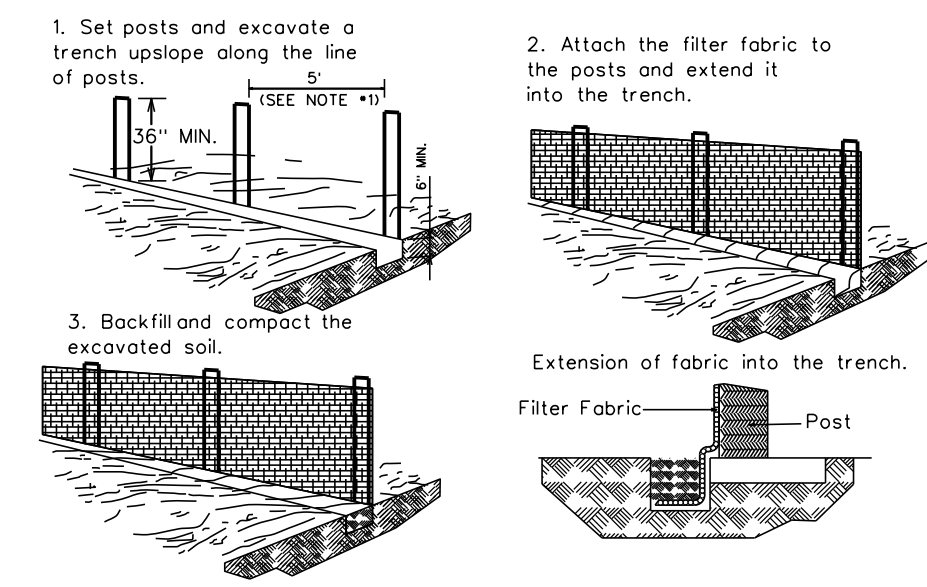
NOTES

1. A PERFORATED STANDPIPE SHALL BE PROVIDED AS PART OF THE SEDIMENT BASIN EROSION CONTROL MEASURES DURING CONSTRUCTION. PVC PIPE SHALL BE ONE SIZE SMALLER THAN OUTLET PIPE.
2. NON-WOVEN FILTER FABRIC SHALL BE WRAPPED OVER THE WIRE MESH AND FASTENED TO THE PERFORATED STANDPIPE WITH STRAPPING OR CONNECTING BANDS.
3. WHEN THE SEDIMENT BASIN IS NO LONGER REQUIRED FOR SEDIMENT CONTROL, THE ENTIRE STANDPIPE ASSEMBLY SHALL BE REMOVED.

DEWATERING DEVICE



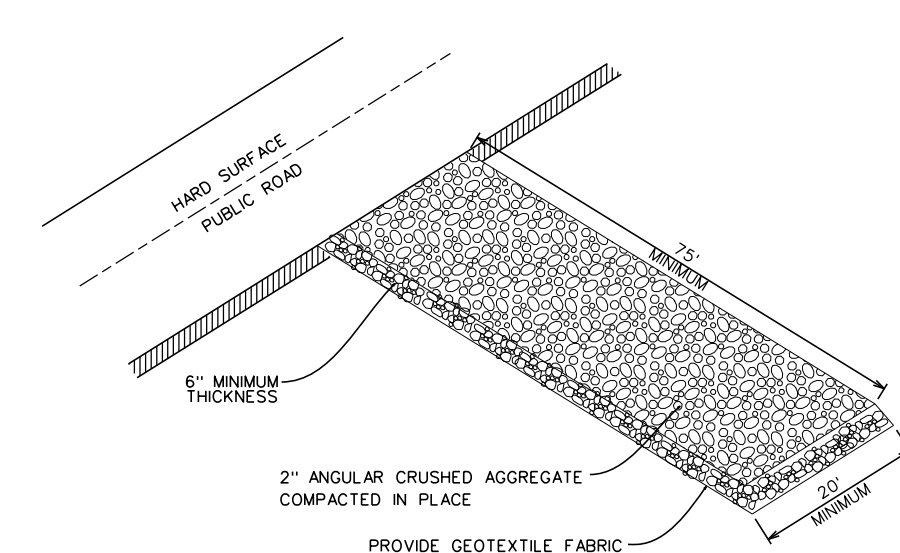
STORM DRAIN PROTECTION WITH INLET BASKET



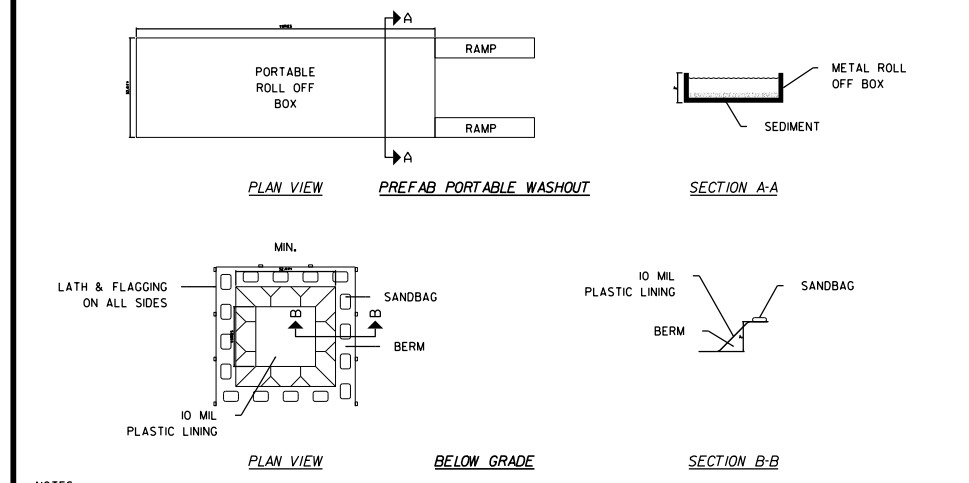
NOTE:
SILT FENCE SPACING AND MATERIAL SPECIFICATIONS SHALL BE IN ACCORDANCE WITH AASHTO M288

- SILT FENCE POST SPACING SHALL BE 5' ON CENTER:
- 5 FEET WIRE BACKED SILT FENCE
 - 5 FEET UNSUPPORTED SILT FENCE W/ ELONGATION > 50%
 - 5 FEET UNSUPPORTED SILT FENCE W/ ELONGATION < 50%
- STAKES
WOOD, STEEL OR SYNTHETIC SUPPORT POSTS MUST BE A MINIMUM OF 3 FEET PLUS THE BURIAL DEPTH.
- BURIAL DEPTH
20 INCHES INCREASED TO 24 INCHES IF ON A SLOPE OF 3:1 OR GREATER
- POST SIZES:
POSTS - SHALL BE AT A MINIMUM 2.0" X 2.0" SIZE AT 5' SPACING
POSTS SHALL BE MINIMUM 3' IN LENGTH PLUS BURIAL DEPTH

CONSTRUCTION OF A SILT FENCE

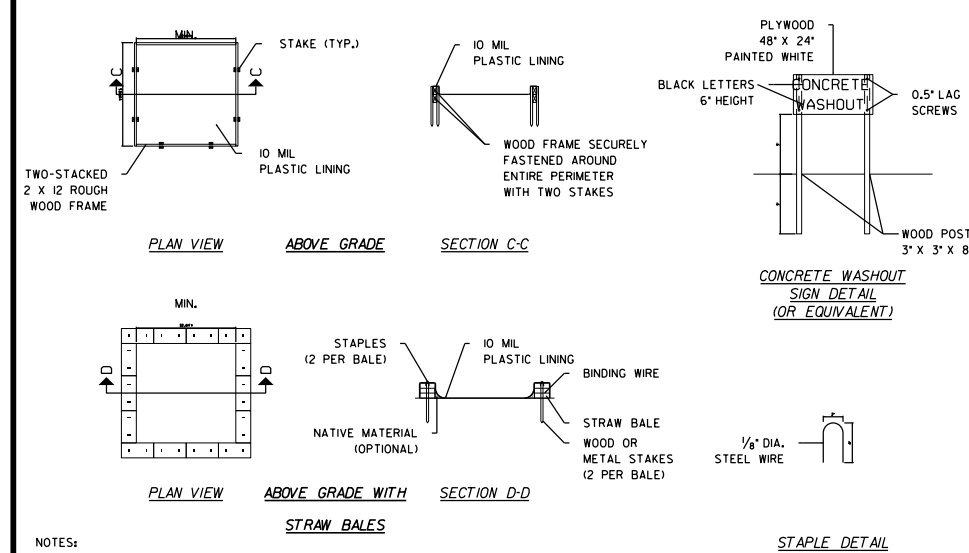


STABILIZED CONSTRUCTION ENTRANCE



NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGN MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 50 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



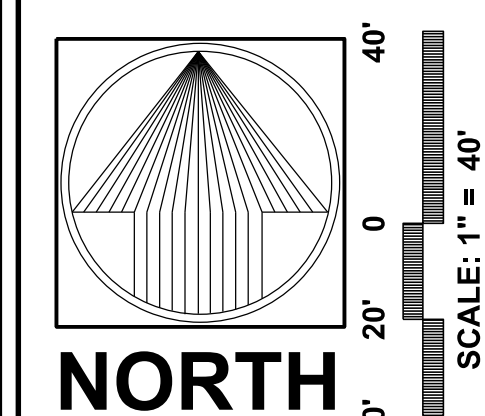
NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGN MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 50 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

CONCRETE WASHOUT

- NOTES:**
- INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL OCCUR PRIOR TO ANY SOIL DISTURBANCE**
- OFFSITE INLET SILT BASKETS TO BE INSPECTED AFTER EVERY RAIN EVENT
- DUST CONTROL**
- DUST CONTROL PRACTICES SHALL BE IMPLEMENTED DURING CONSTRUCTION AS NEEDED.
- TRENCH DEWATERING**
- TRENCH DEWATERING ACTIVITIES SHALL NOT DISCHARGE SEDIMENT LADEN WATER INCLUDING FROM PUMPING TO DOWNSTREAM AREAS WITHOUT PRIOR FILTRATION OR ROUTING TO DESIGNATED ONSITE SEDIMENT COLLECTION AREAS.
- BLANKETING AND RESTORATION NOTES:**
1. EROSION CONTROL BLANKET IS REQUIRED TO PROTECT THE SOIL SURFACE DURING THE ESTABLISHMENT OF GRASS OR VEGETATION WITHIN BASINS ON SIDE SLOPES AND STEEP EMBANKMENTS WITH GREATER THAN 4:1 SLOPE.
 2. THE SOIL EROSION, SEDIMENT CONTROL MEASURES AND STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED PRIOR TO THE START OF GENERAL CONSTRUCTION.
- GENERAL NOTE:**
1. ALL METHODS OF CONSTRUCTION AND MATERIALS MUST CONFORM TO "A MANUAL OF PRACTICE FOR THE DESIGN OF PUBLIC IMPROVEMENTS" AS PROVIDED BY THE VILLAGE OF ARLINGTON HEIGHTS ENGINEERING DEPARTMENT.
1. ALL TURF INLET STRUCTURES SHALL BE PROTECTED WITH INLET BASKET FILTER IMMEDIATELY FOLLOWING INSTALLATION.
 2. PAVEMENT INLETS SHALL BE PROTECTED WITH INLET BASKET FILTER IMMEDIATELY FOLLOWING INSTALLATION.
 3. DETENTION FACILITIES SHALL BE STABILIZED IMMEDIATELY FOLLOWING EXCAVATION.
 4. APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL INCLUDE SEEDING, MULCHING, SODDING, EROSION CONTROL BLANKETS, AND/OR NON-VEGETATIVE MEASURES.
 5. RIP RAP AND SEDIMENT RETENTION AREAS SHALL BE REPLACED OR RE-EXCAVATED WHENEVER THEIR USE HAS BEEN IMPAIRED.
 6. STORM SEWERS SHALL BE FREE OF SEDIMENT PRIOR TO ACCEPTANCE.
 7. DORMANT SEED PERIMETER OF PROPERTY AFTER ESTABLISHMENT OF SWALES/GRADING.

- TYPICAL CONSTRUCTION SEQUENCING**
1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
 - A. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - B. SILT FENCE INSTALLATION
 - C. CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
 - D. STABILIZED CONSTRUCTION ENTRANCE
 2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
 3. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS...)
 4. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURES AND RESTRICTORS.
- THE VOLUME CONTROL INFILTRATION ZONE SHALL NOT BE FINAL GRADED AND PLANTED WITH THE NATIVE VEGETATION UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- THE BASIN MAY BE OVER-EXCAVATED FOR SEDIMENT COLLECTION DURING CONSTRUCTION PROVIDED THAT THIS SEDIMENT IS REMOVED PRIOR TO THE COMPLETION AND PLANTING/SEEDING OF THE VOLUME CONTROL INFILTRATION ZONE (BOTTOM ZONE OF THE BASIN).
5. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
 6. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
 7. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
 8. OMITTED.
 9. TEMPORARILY STABILIZE ALL AREAS THAT HAVE REACHED TEMPORARY GRADE.
 10. INSTALL ROADWAYS
 11. INSTALL STRUCTURES AND GRADE REMAINING SITE.
 13. PERMANENTLY STABILIZE SITE.
 14. REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION
- * SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR WEEKLY AND AFTER EVERY ONE-HALF INCH (1/2") OR GREATER RAINFALL EVENT



WAVERLY INN MEMORY CARE & COTTAGES
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ORIGINAL ISSUE: 03/29/16

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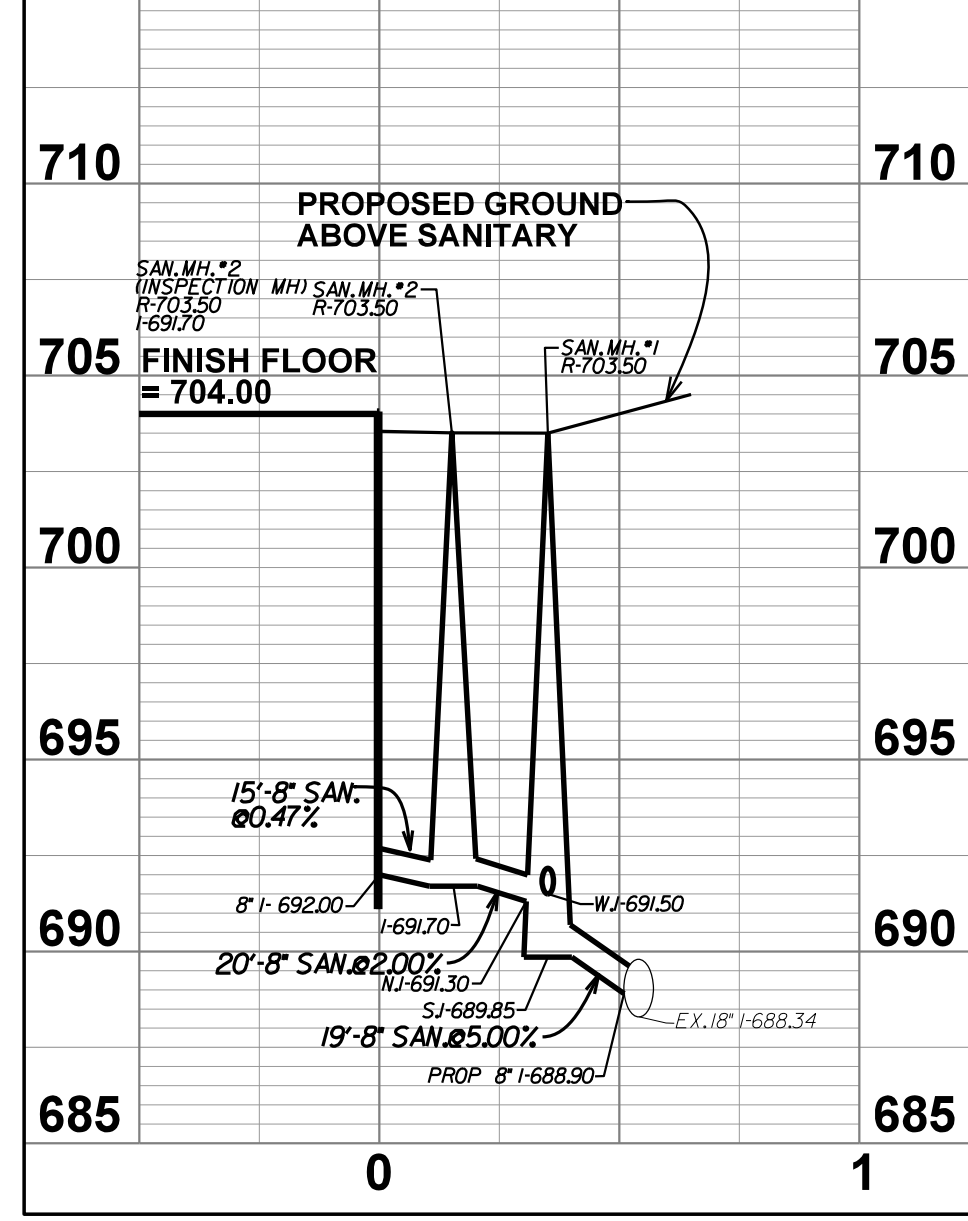
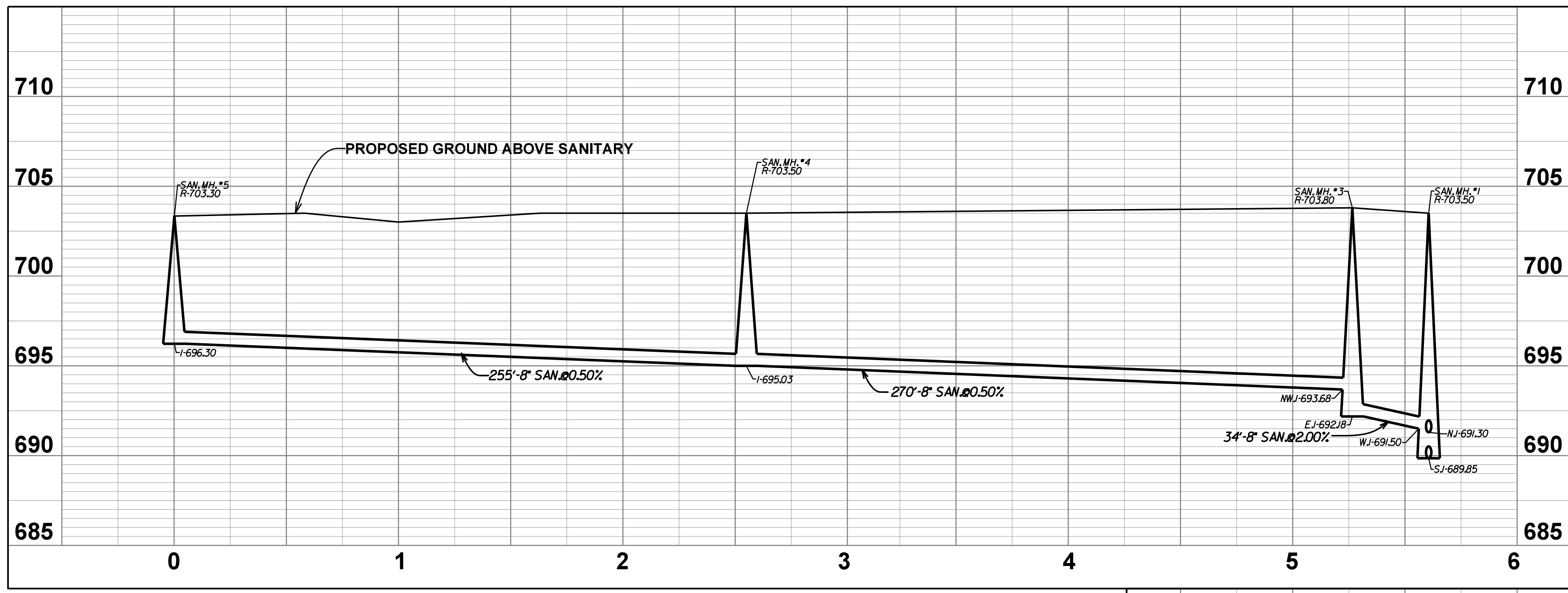
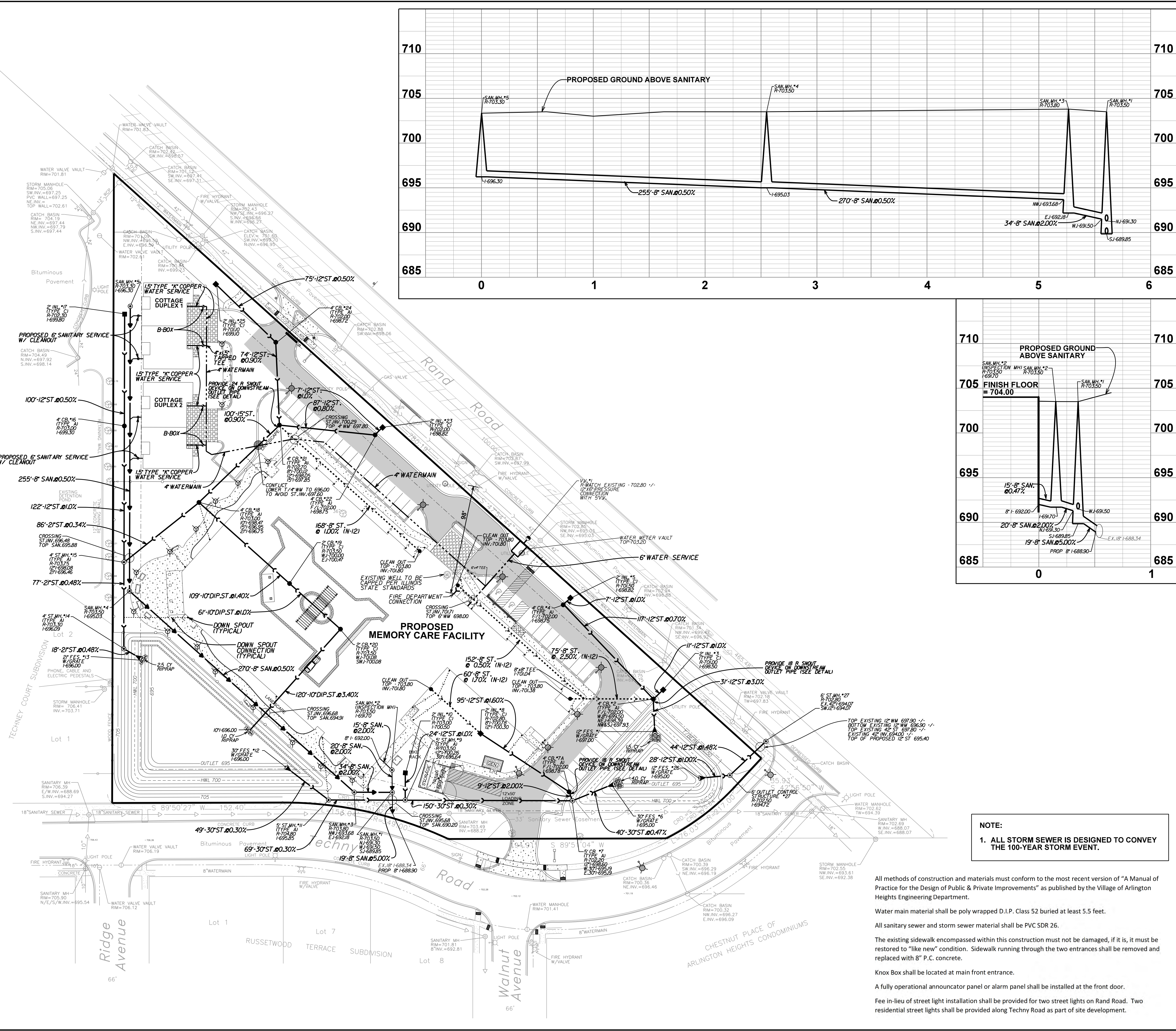
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EROSION CONTROL NOTES AND DETAILS

REVISIONS

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NOTE:
 1. ALL STORM SEWER IS DESIGNED TO CONVEY THE 100-YEAR STORM EVENT.

All methods of construction and materials must conform to the most recent version of "A Manual of Practice for the Design of Public & Private Improvements" as published by the Village of Arlington Heights Engineering Department.

Water main material shall be poly wrapped D.I.P. Class 52 buried at least 5.5 feet.

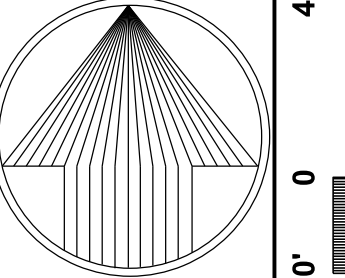
All sanitary sewer and storm sewer material shall be PVC SDR 26.

The existing sidewalk encompassed within this construction must not be damaged, if it is, it must be restored to "like new" condition. Sidewalk running through the two entrances shall be removed and replaced with 8" P.C. concrete.

Knox Box shall be located at main front entrance.

A fully operational annunciator panel or alarm panel shall be installed at the front door.

Fee in-lieu of street light installation shall be provided for two street lights on Rand Road. Two residential street lights shall be provided along Techny Road as part of site development.



NORTH

SCALE: 1" = 40'

UTILITY SHEET

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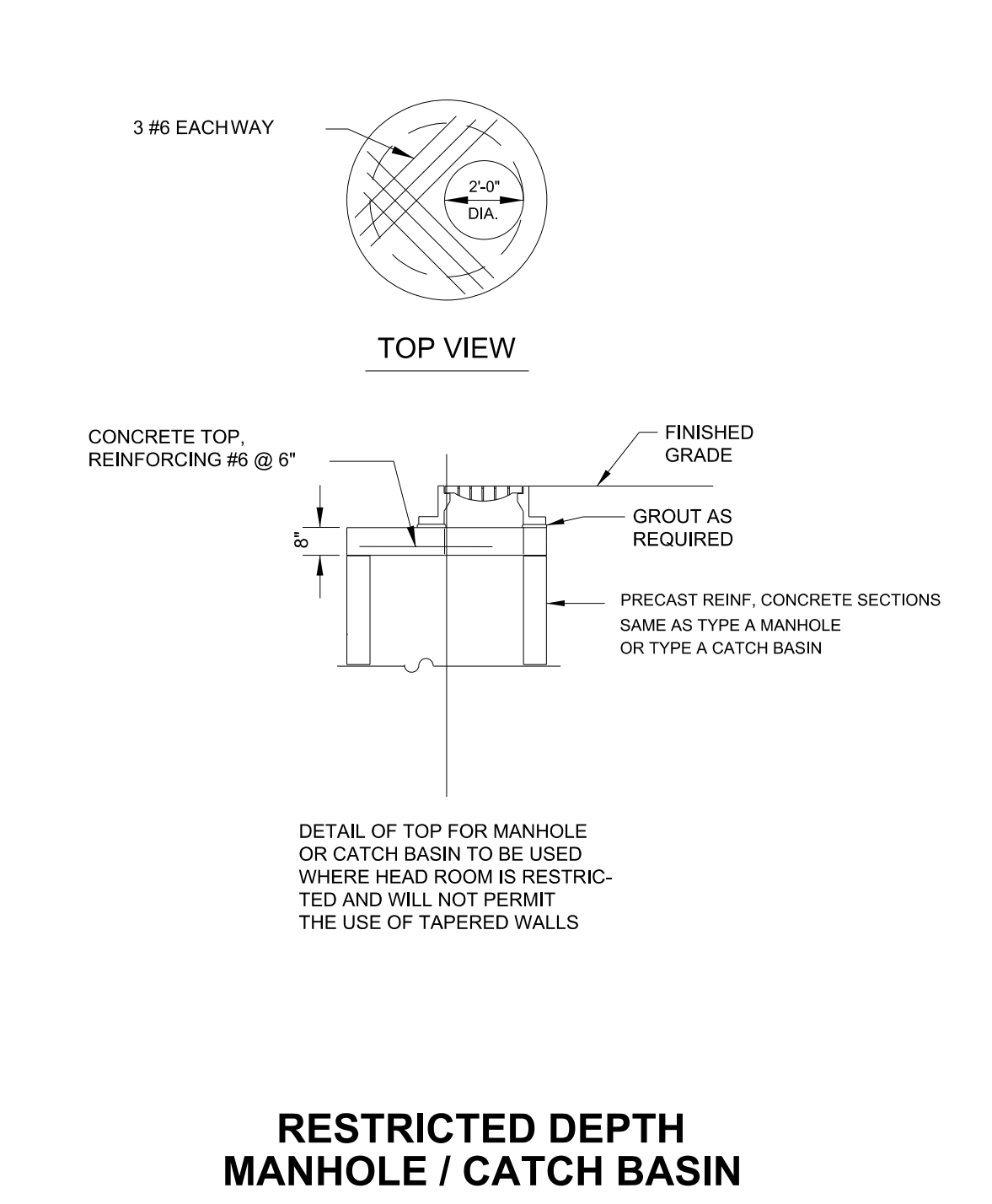
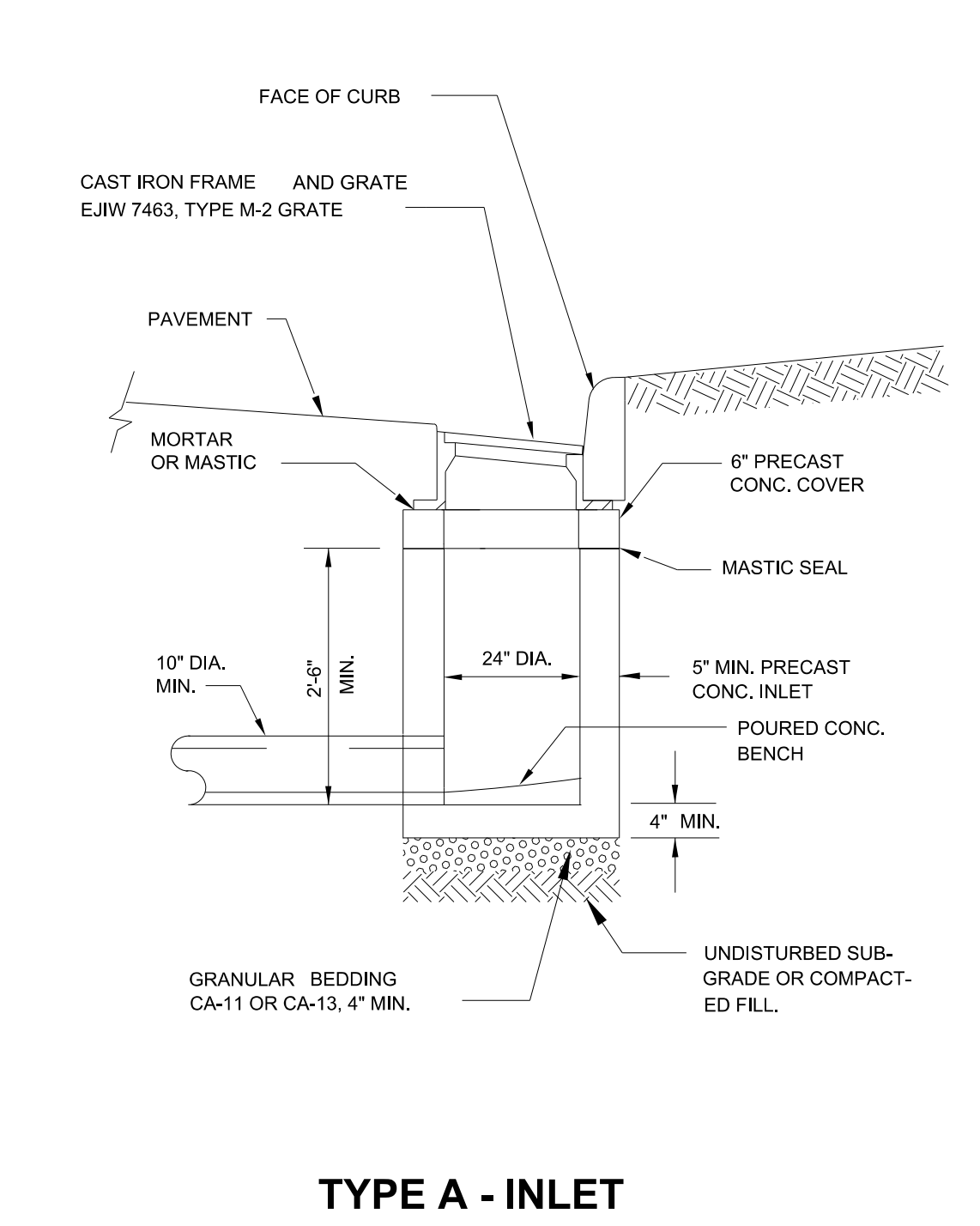
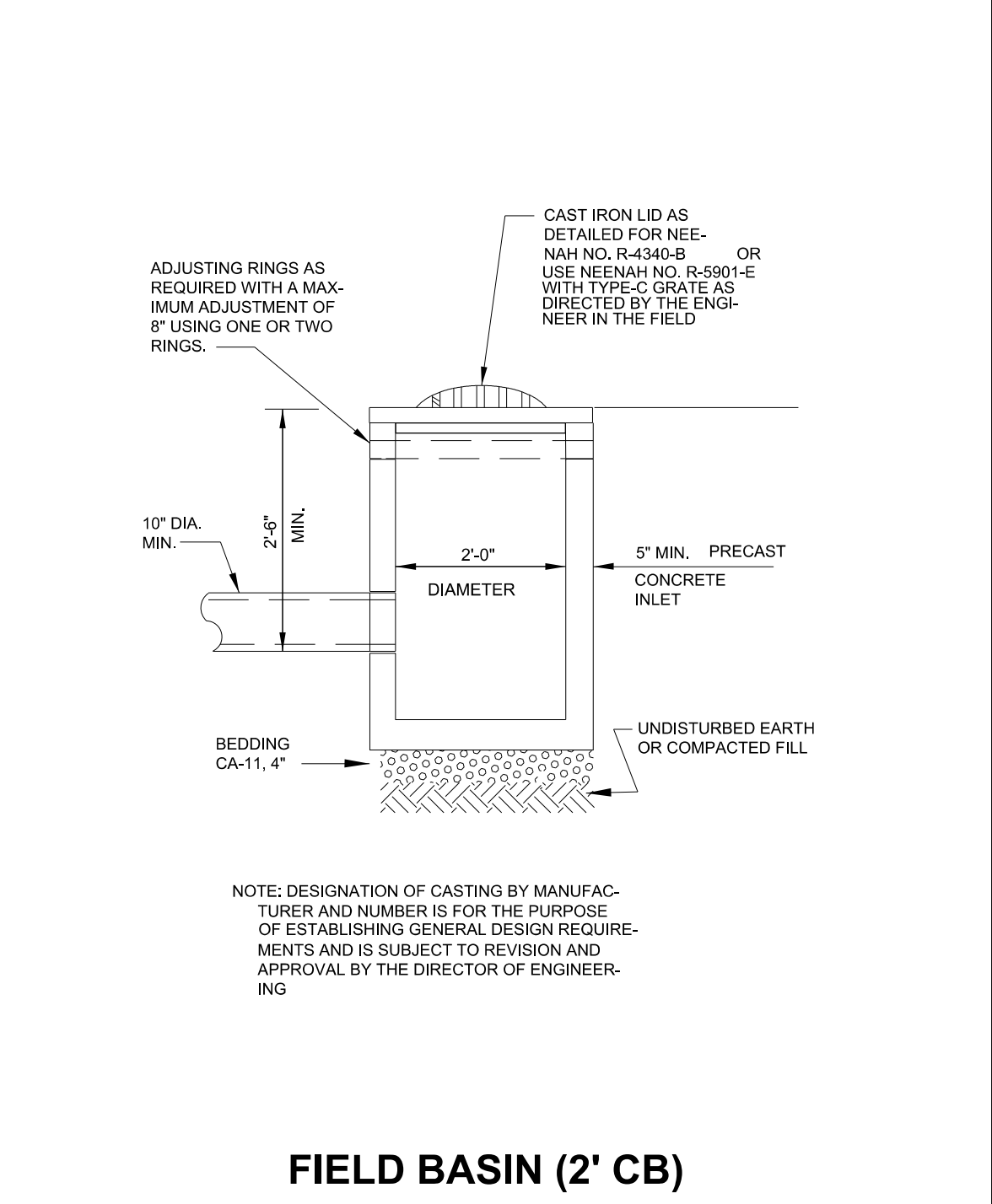
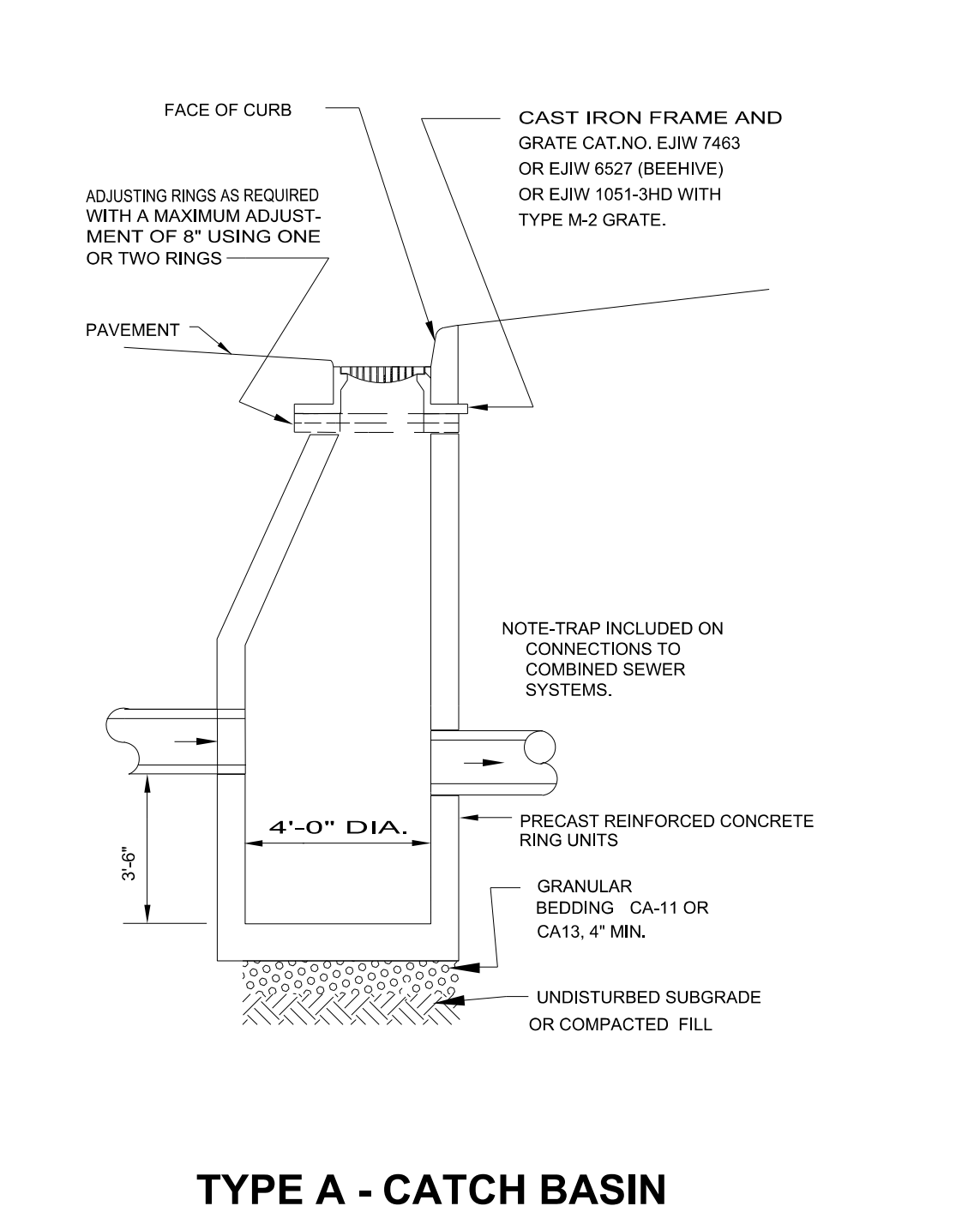
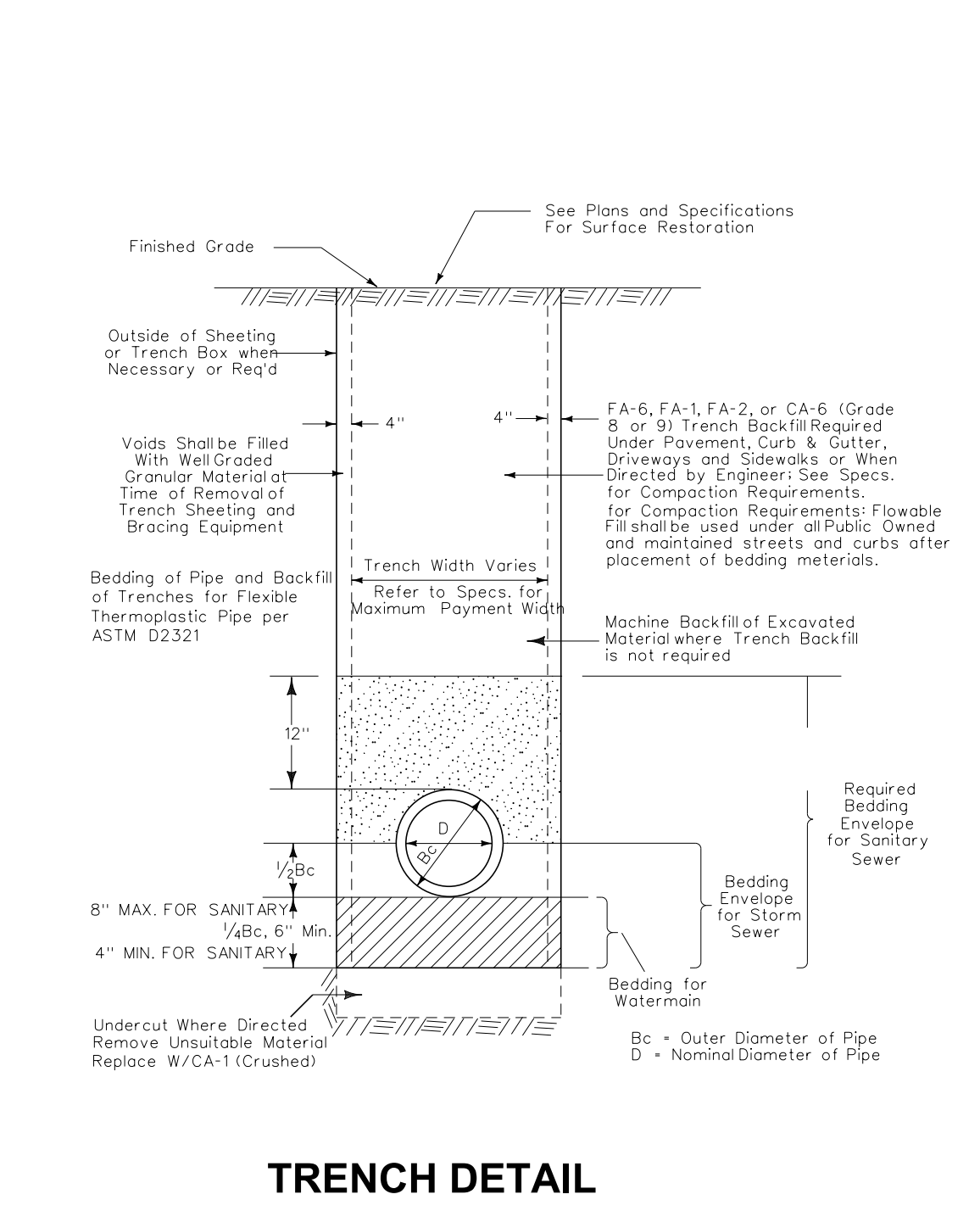
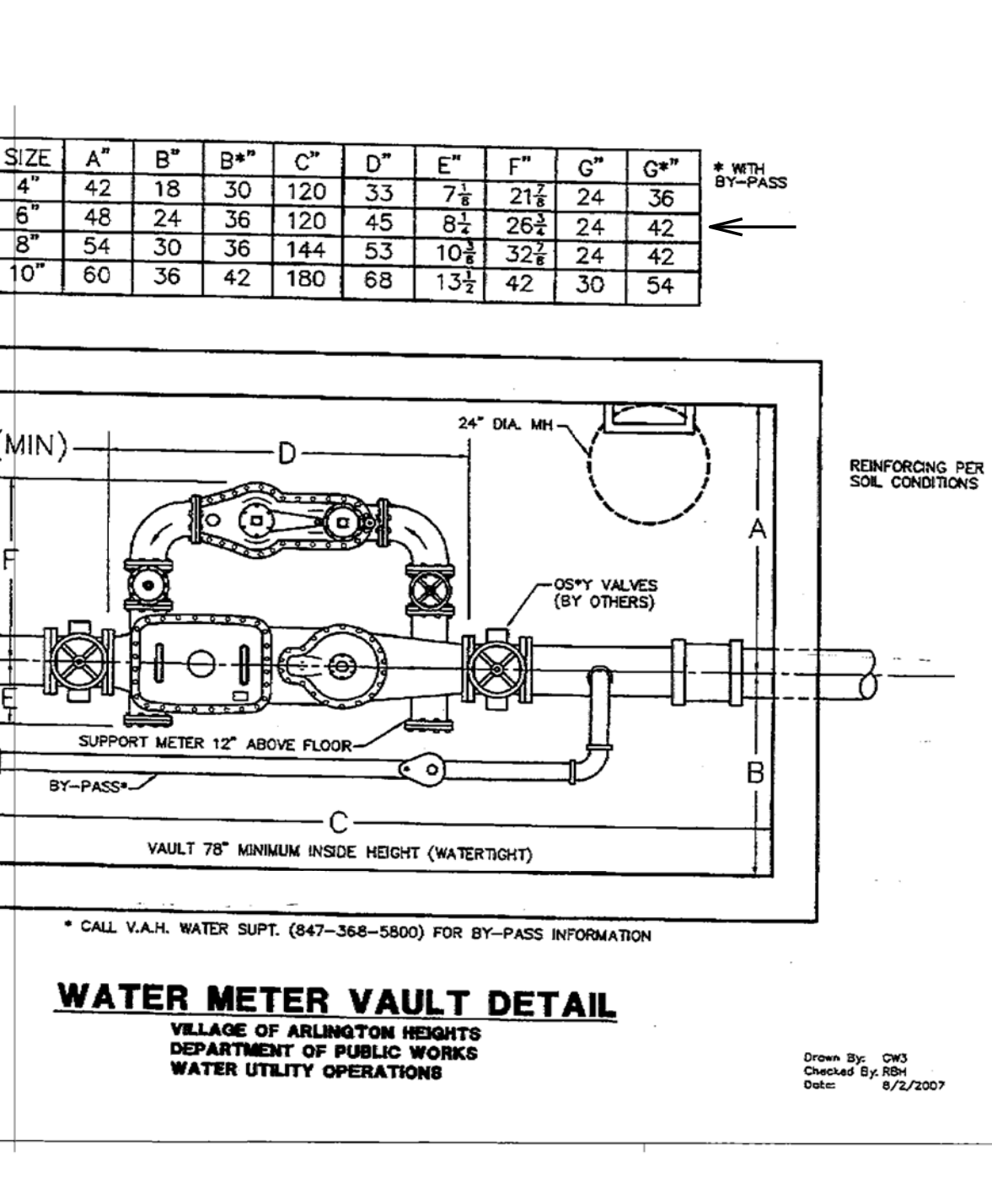
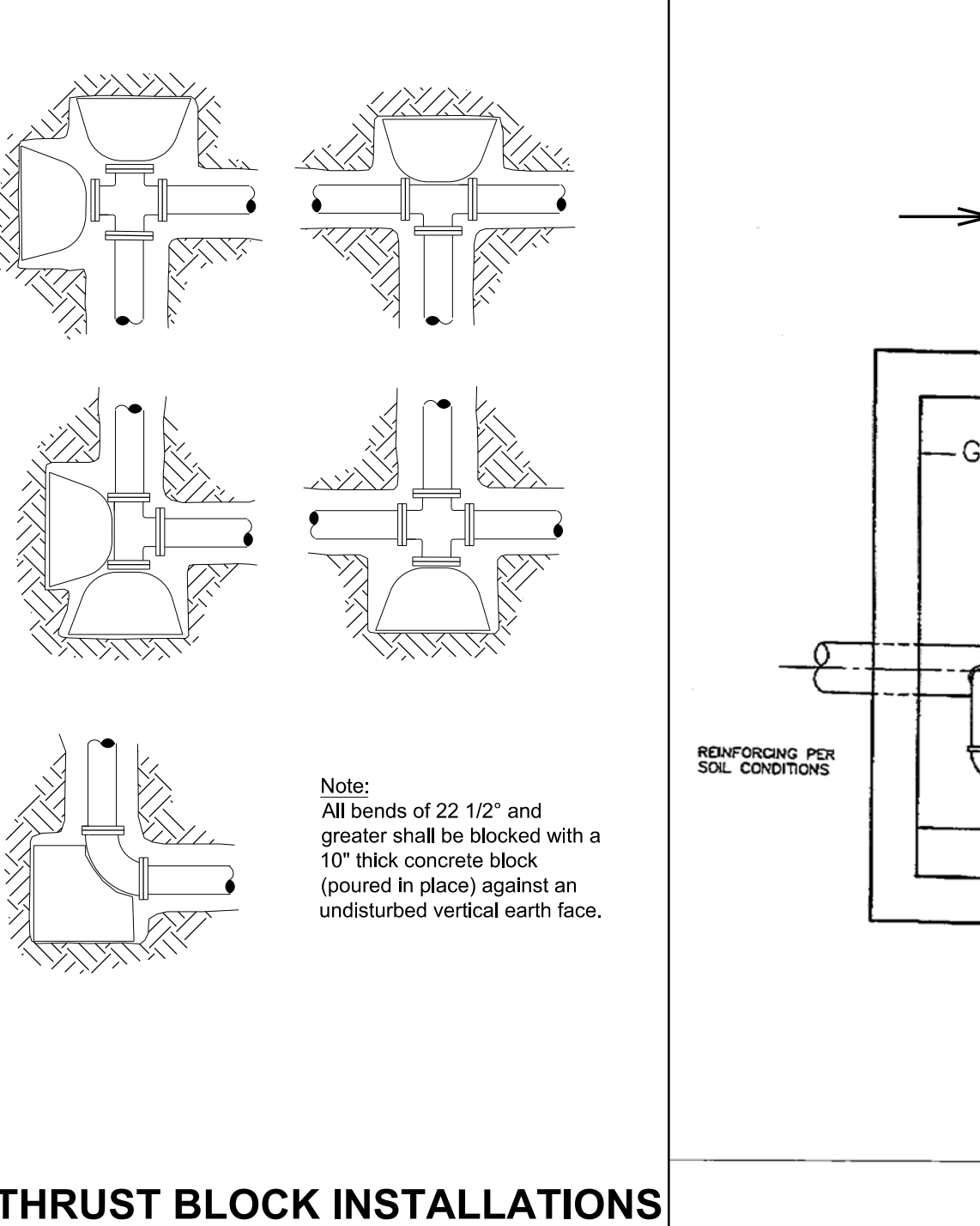
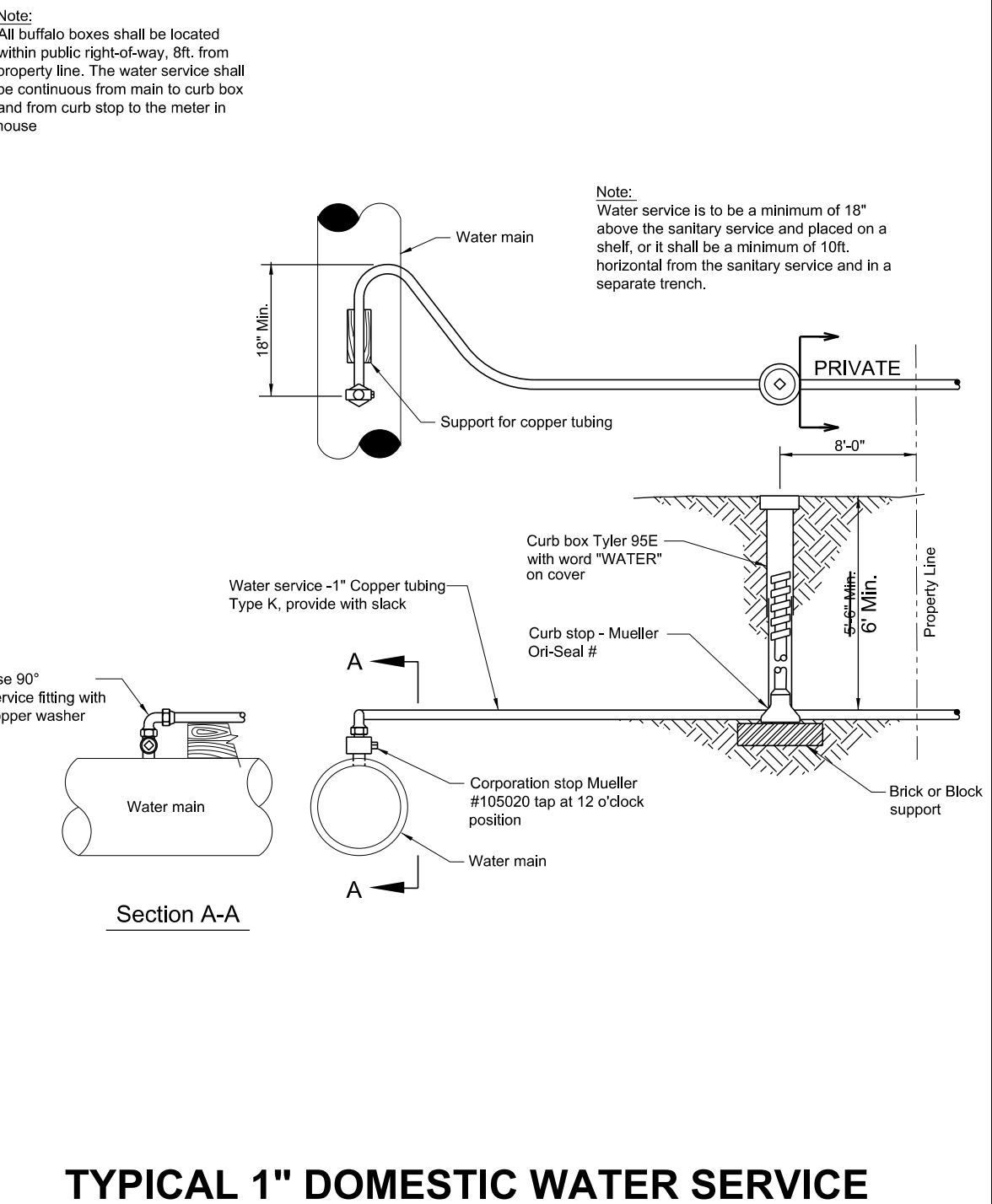
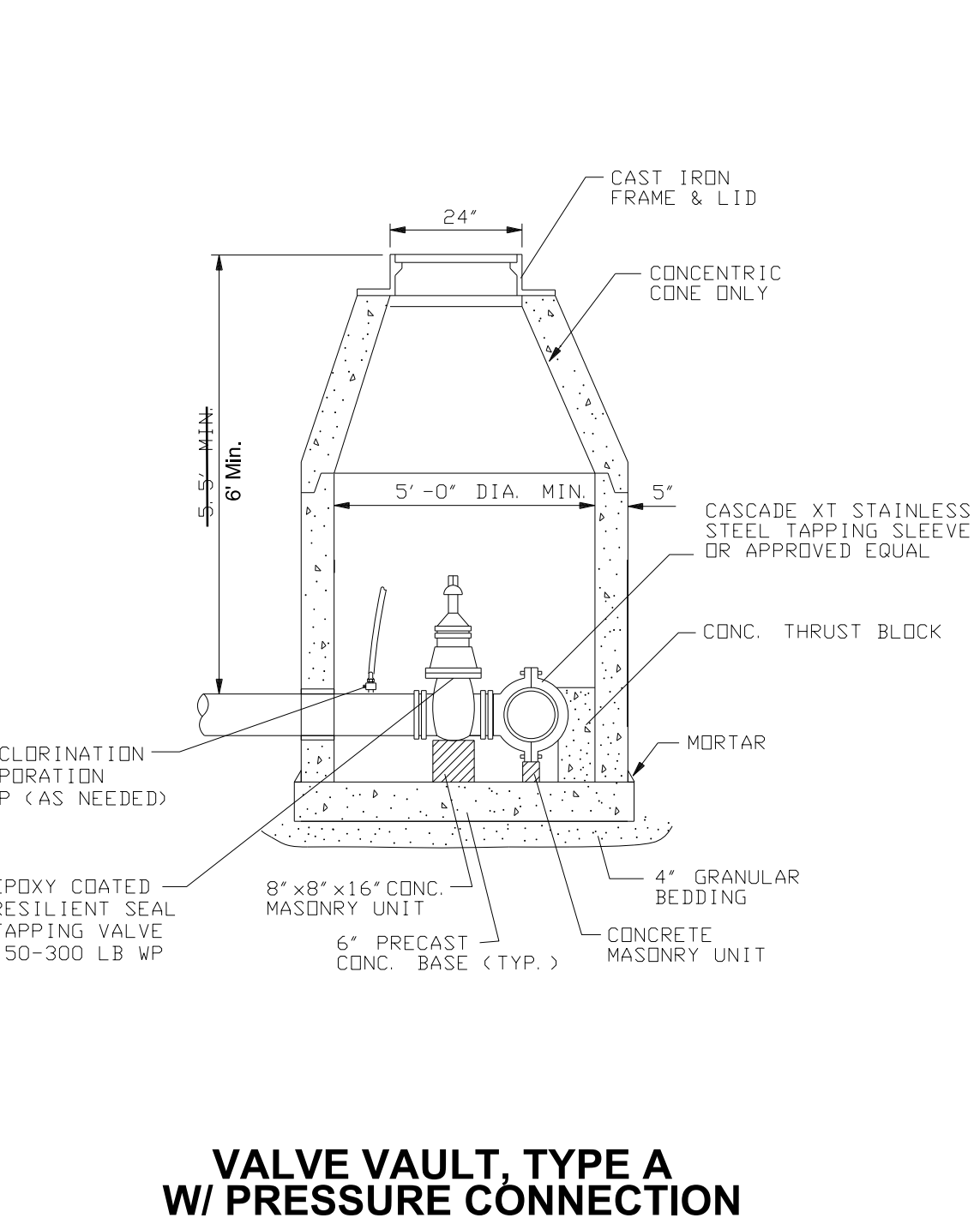
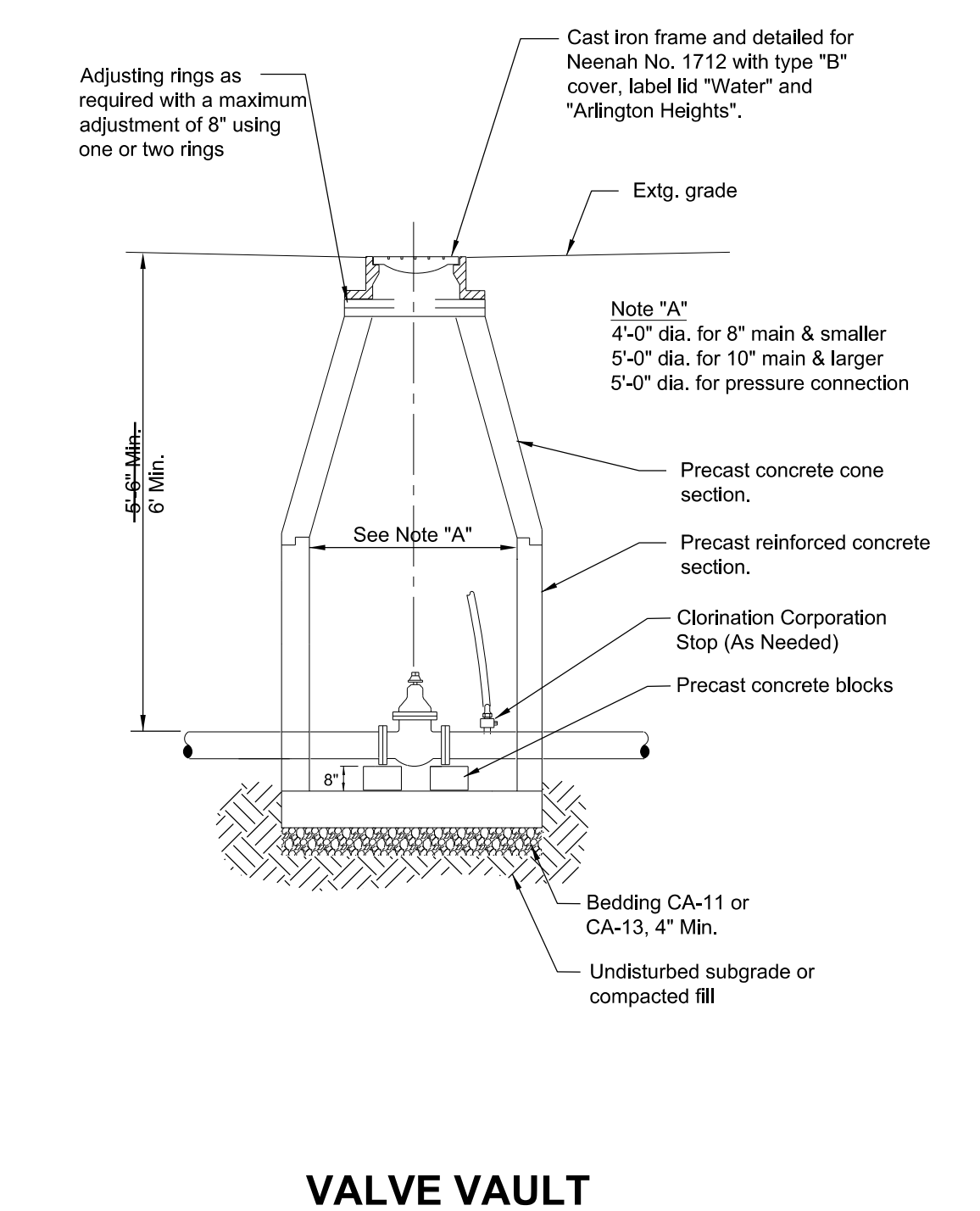
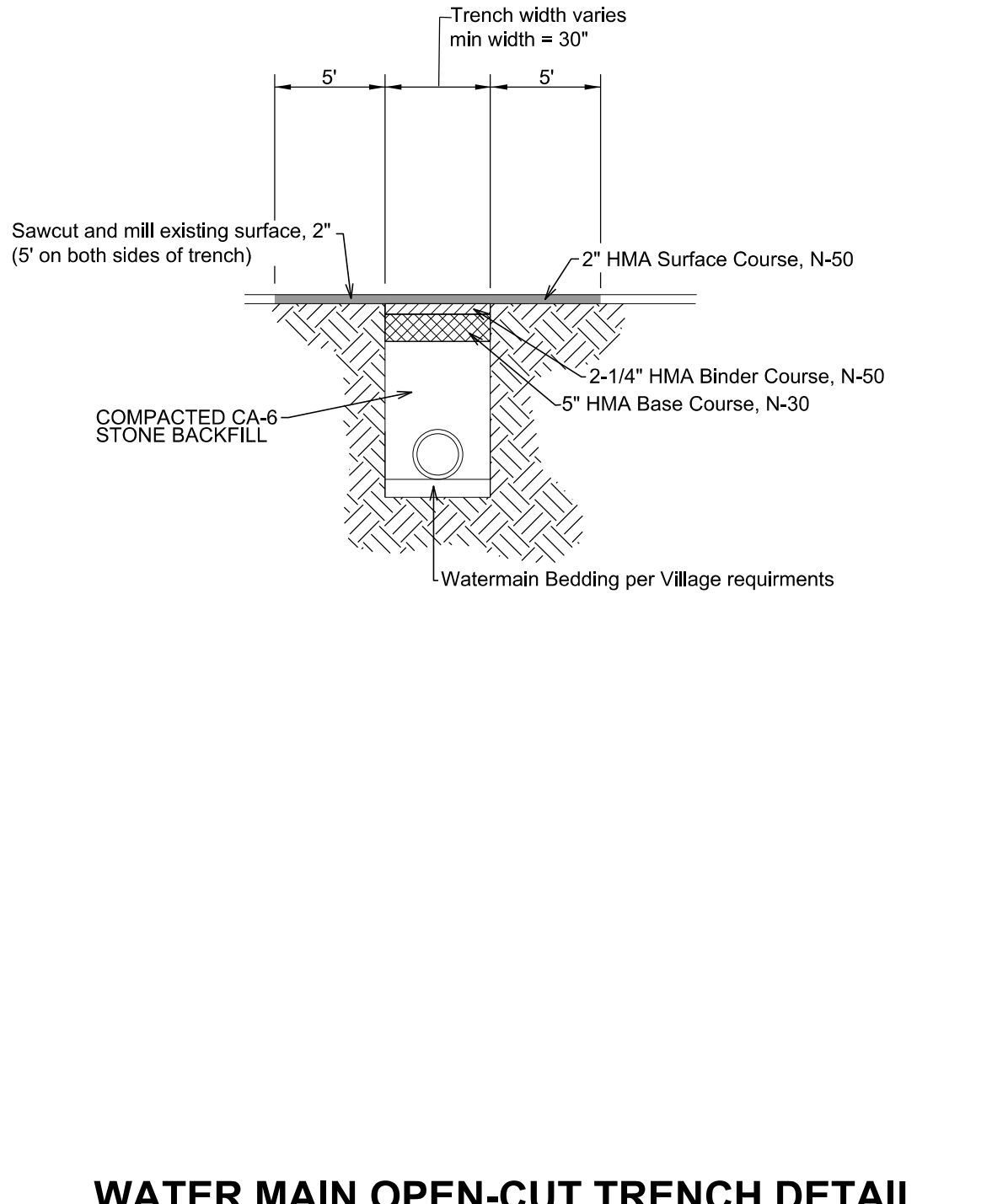
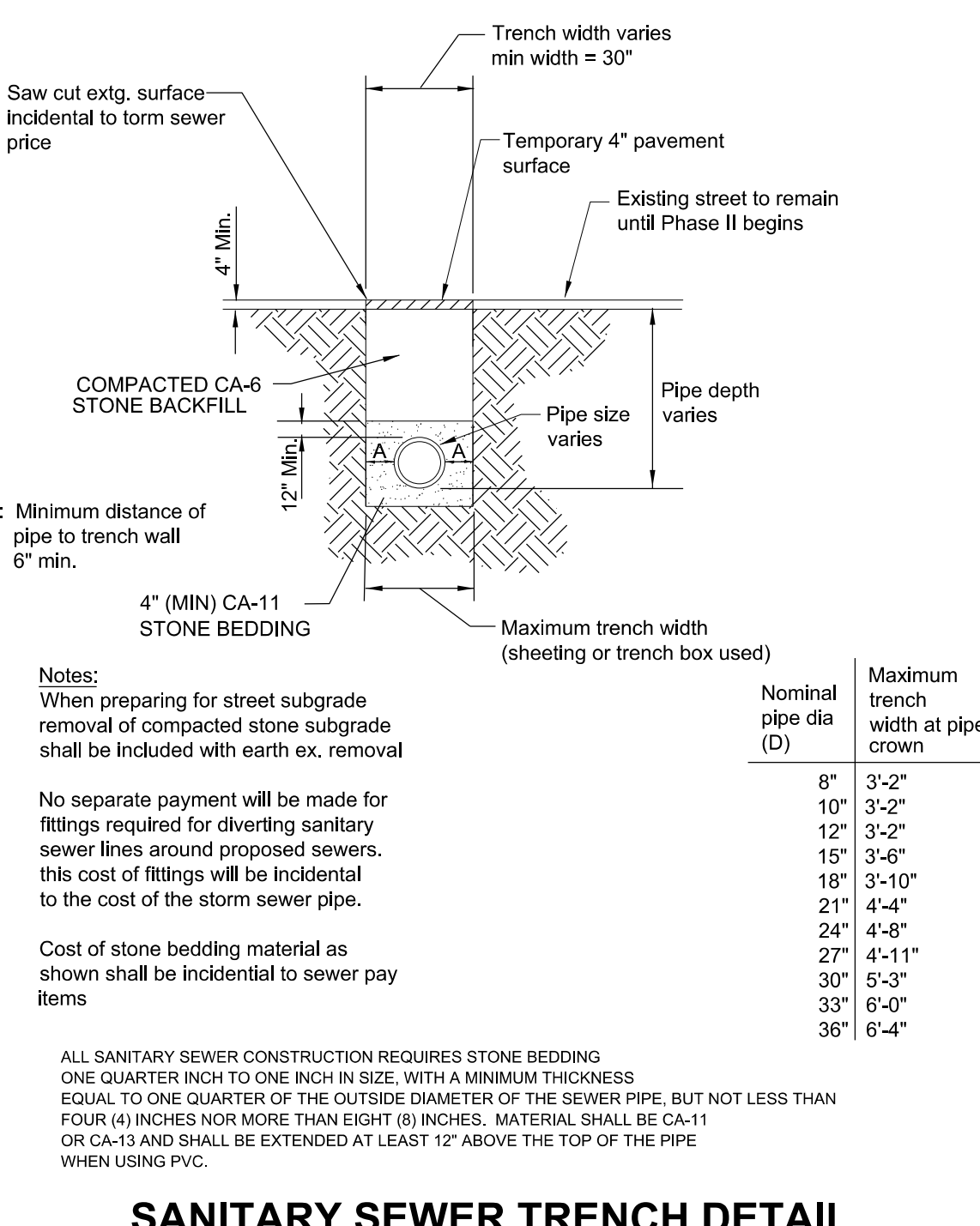
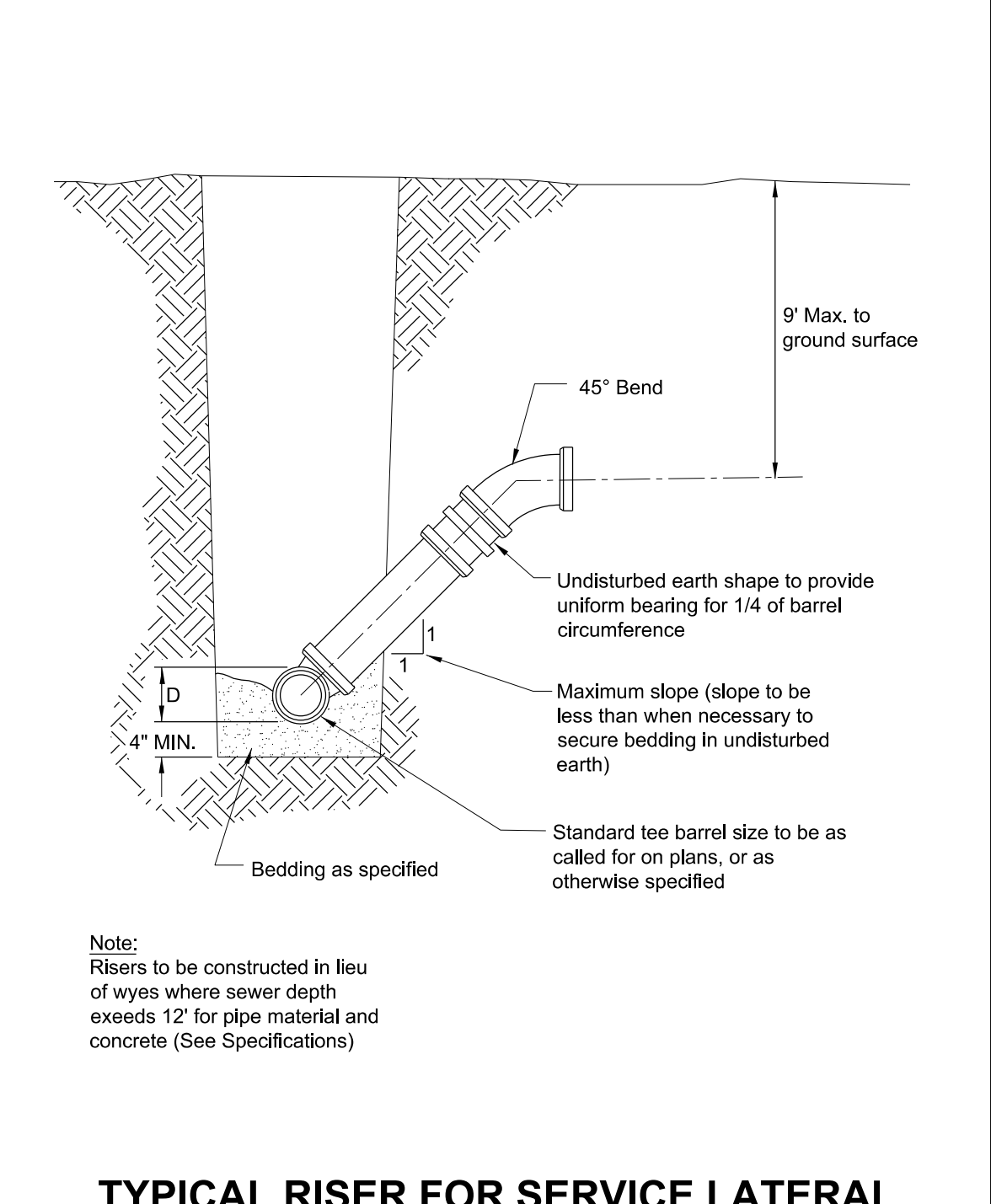
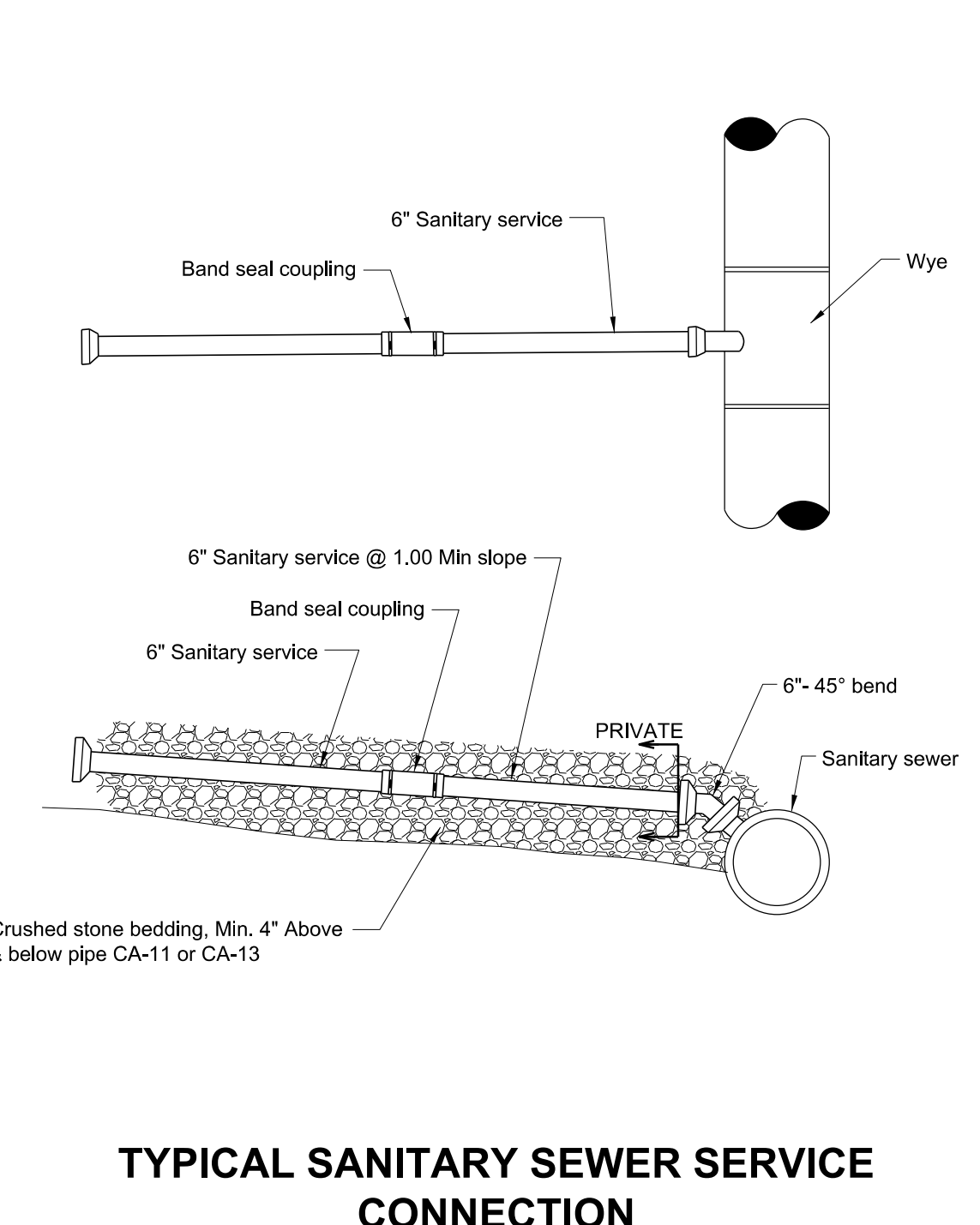
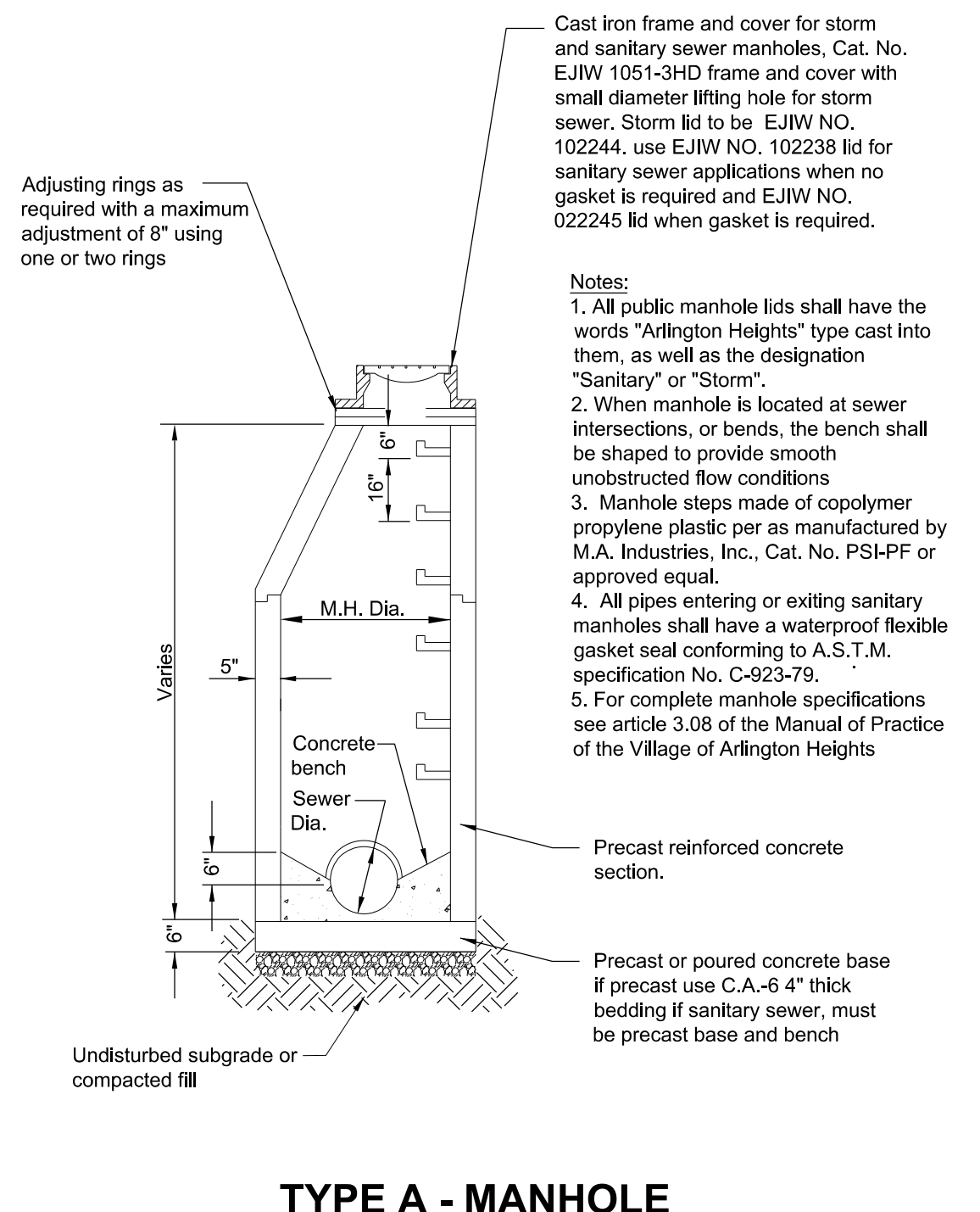
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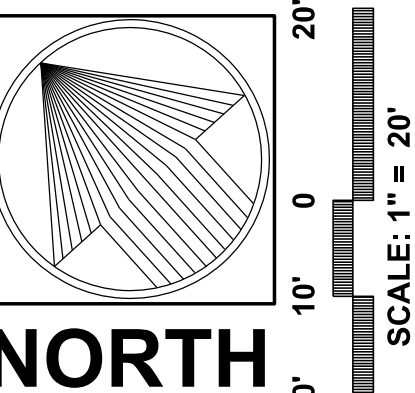
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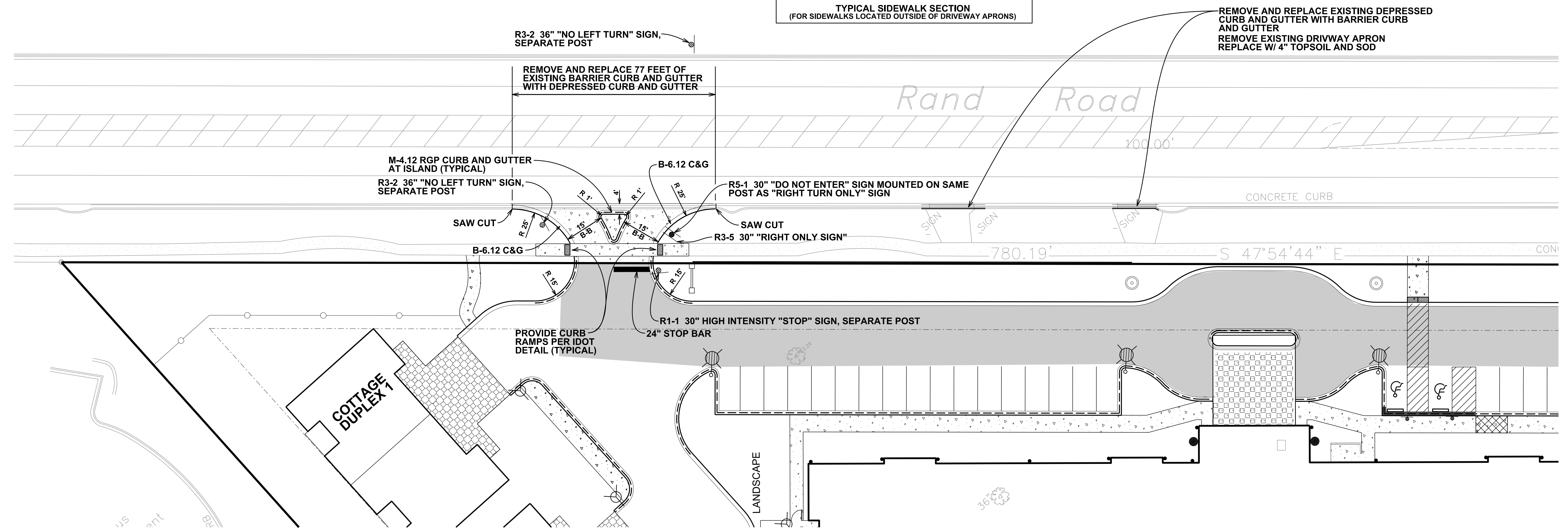
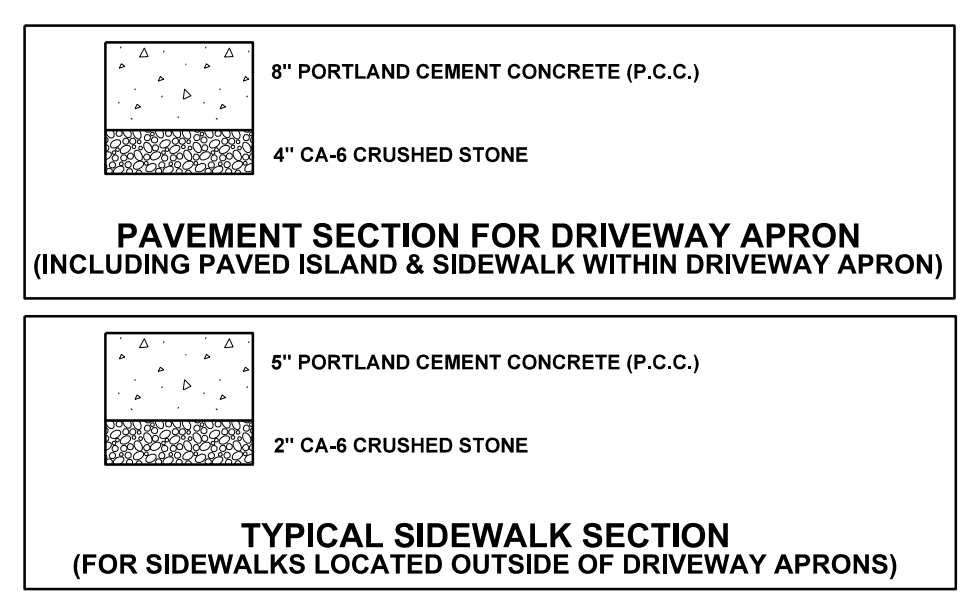
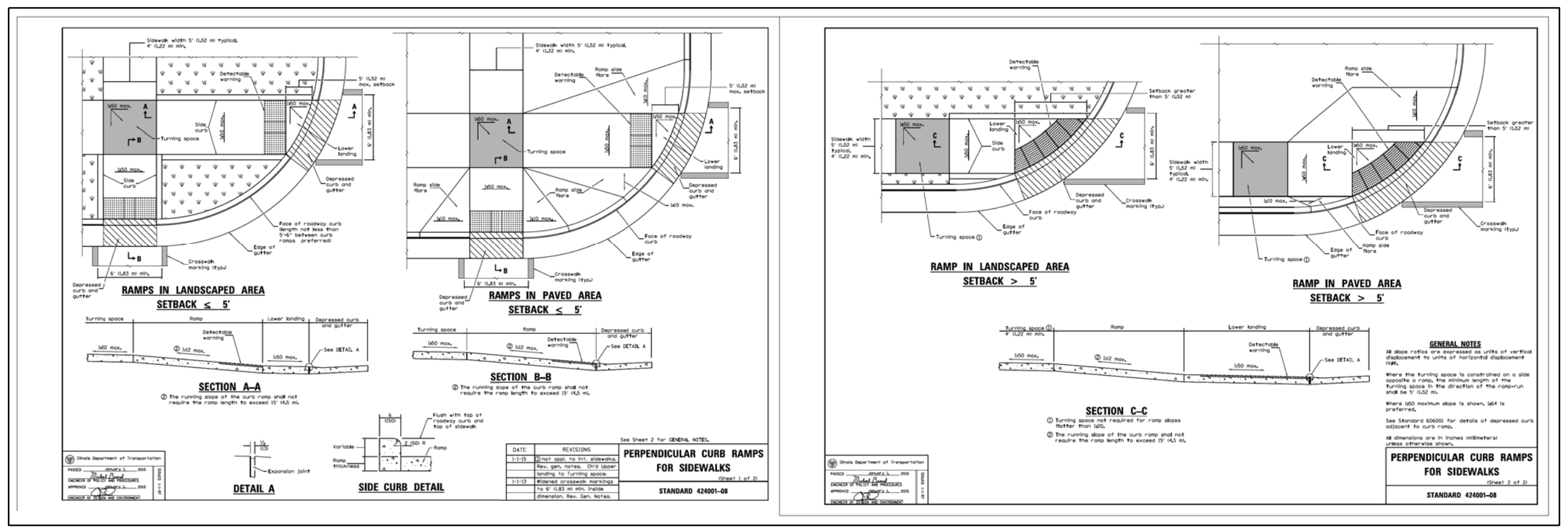
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REMOVE AND REPLACE EXISTING DEPRESSED CURB AND GUTTER WITH BARRIER CURB AND GUTTER
 REMOVE EXISTING DRIVEWAY APRON
 REPLACE W/ 4\"/>

JOB No. 1549

