



TOWNSHIP of HOPEWELL MERCER COUNTY

**201 WASHINGTON CROSSING – PENNINGTON ROAD
TITUSVILLE, NEW JERSEY 08560-1410**

PROJECT / APPLICATION

BLOCK:

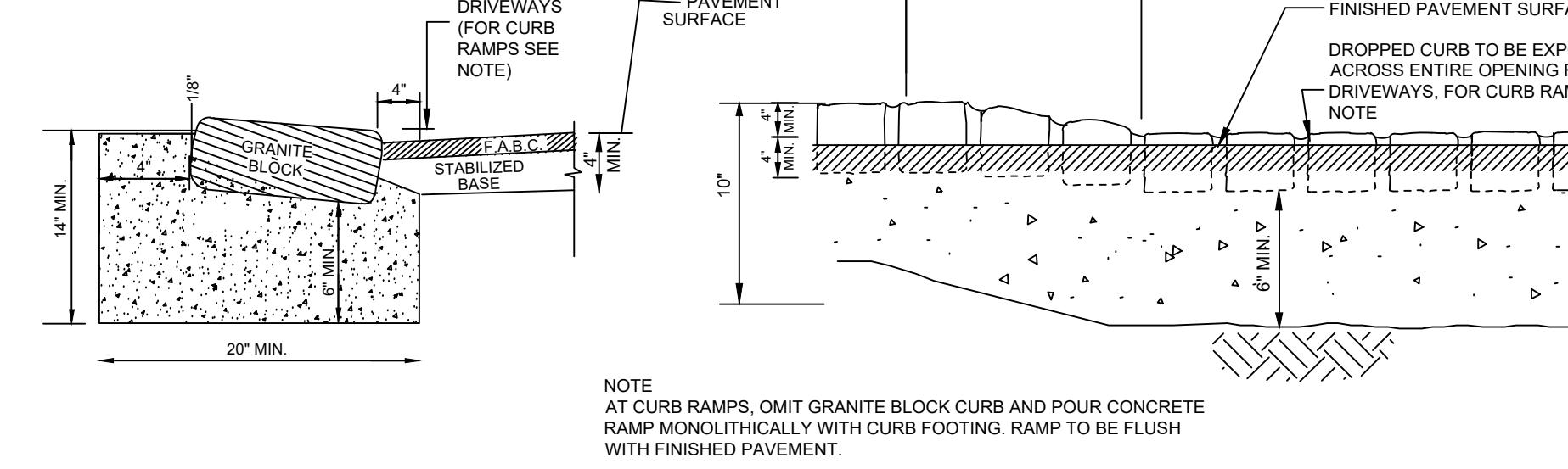
LOT:

ADDRESS:

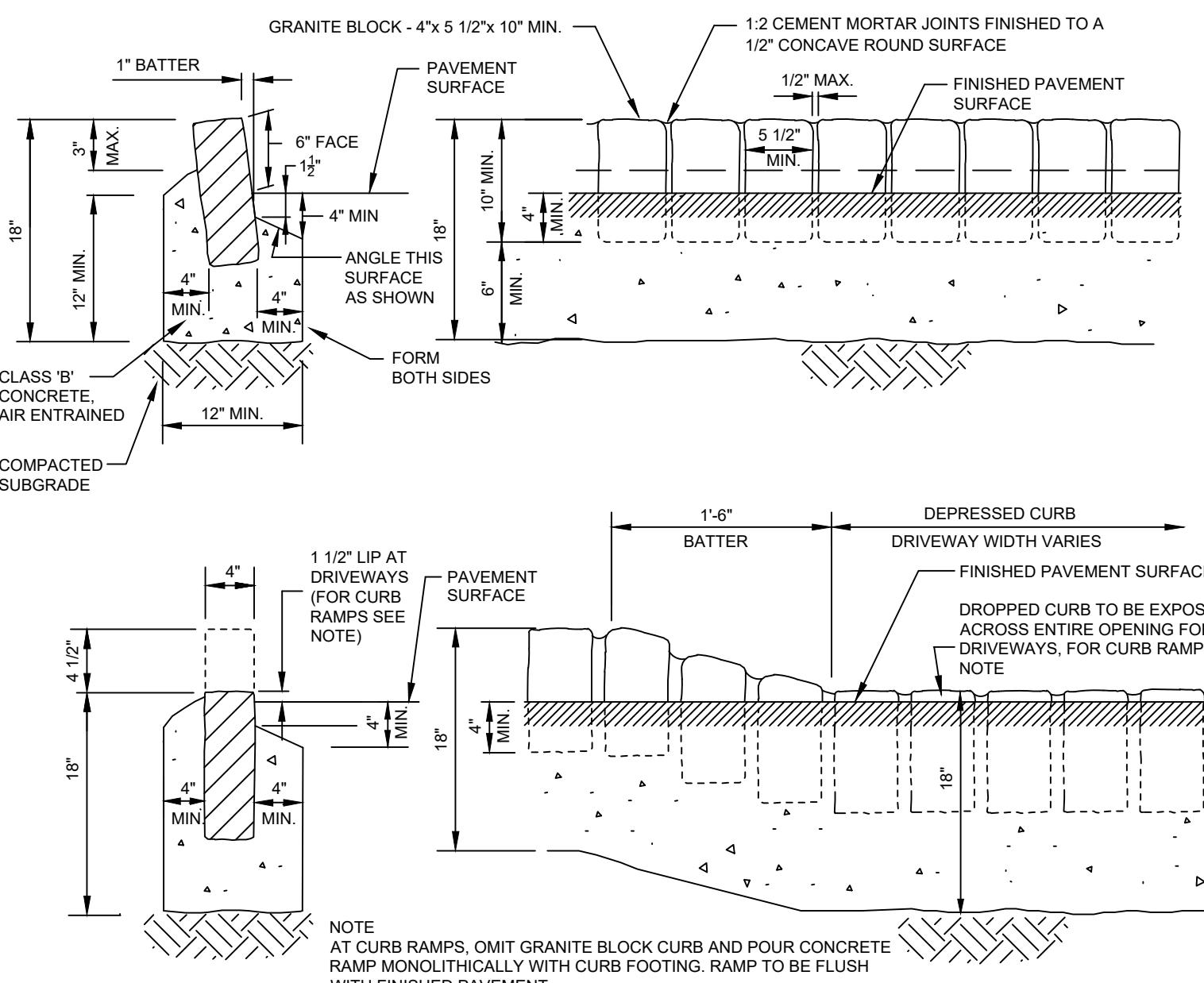
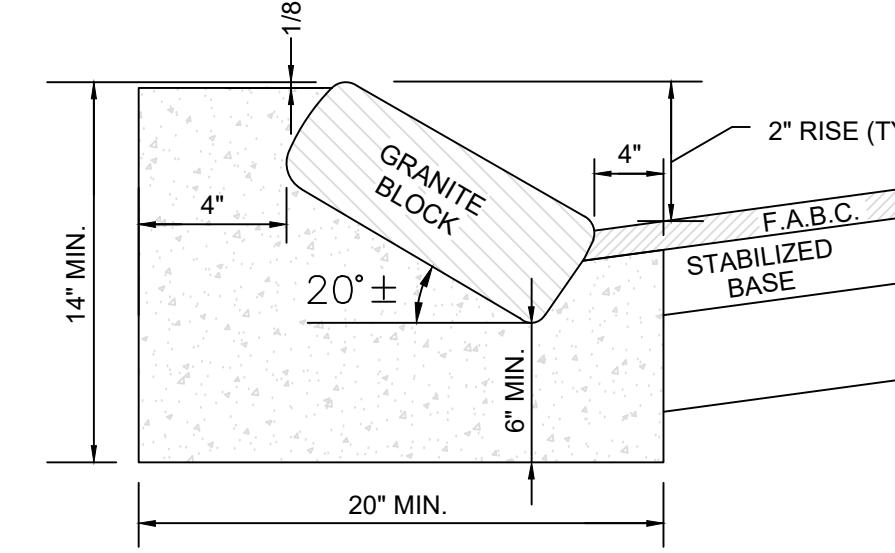
PROJECT NAME:

PLANS

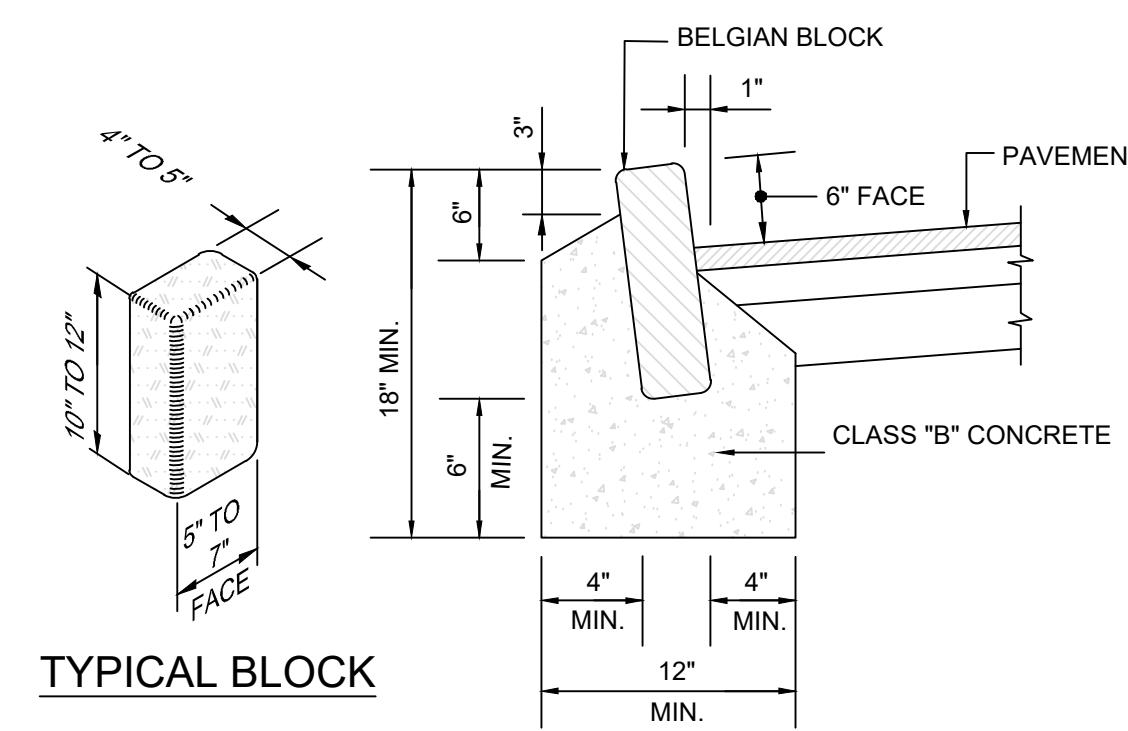
CONSTRUCTION DETAILS



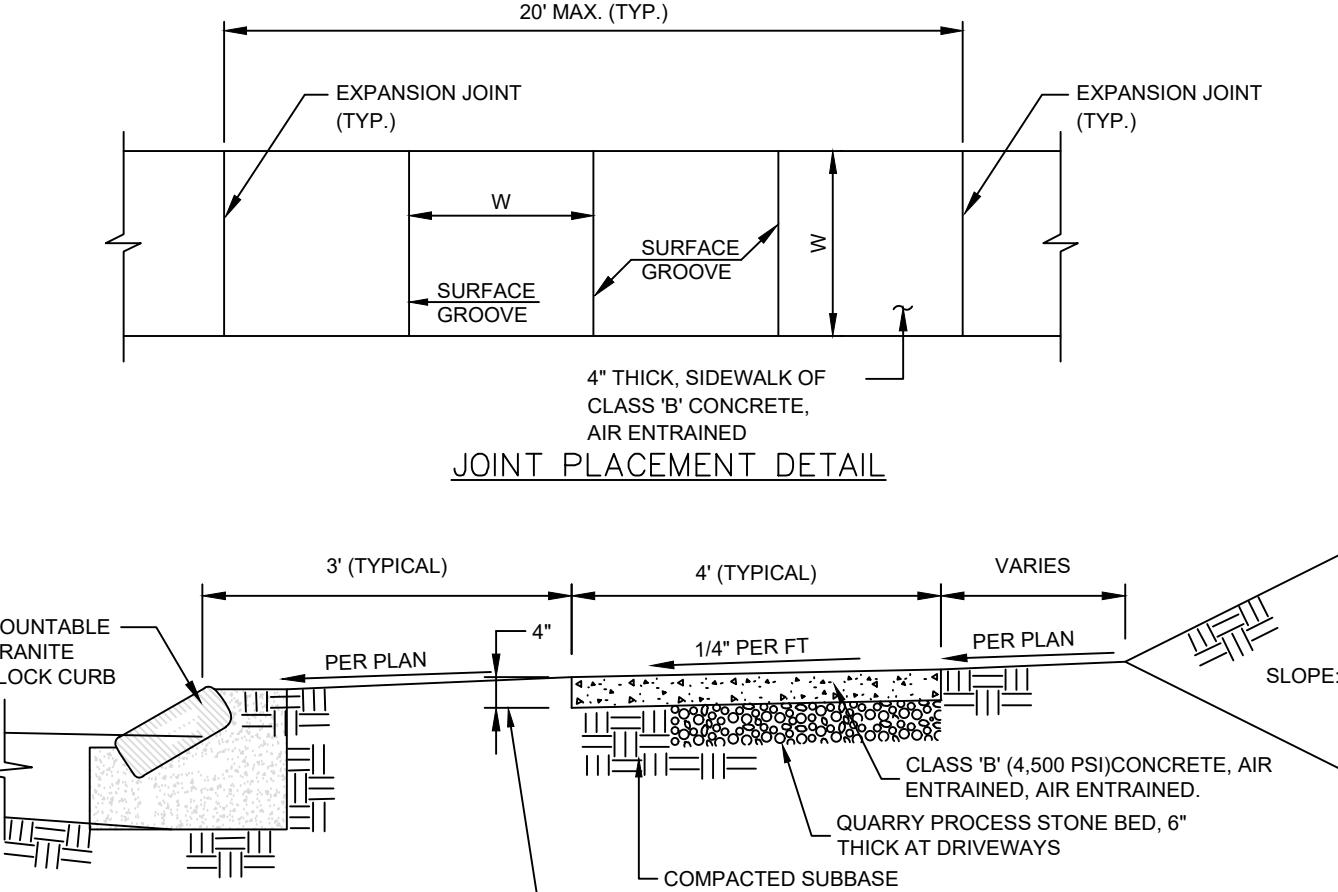
MOUNTABLE GRANITE BLOCK CURB AND TRANSITION DETAIL
NOT TO SCALE



GRANITE BLOCK CURB AND TRANSITION DETAIL
NOT TO SCALE

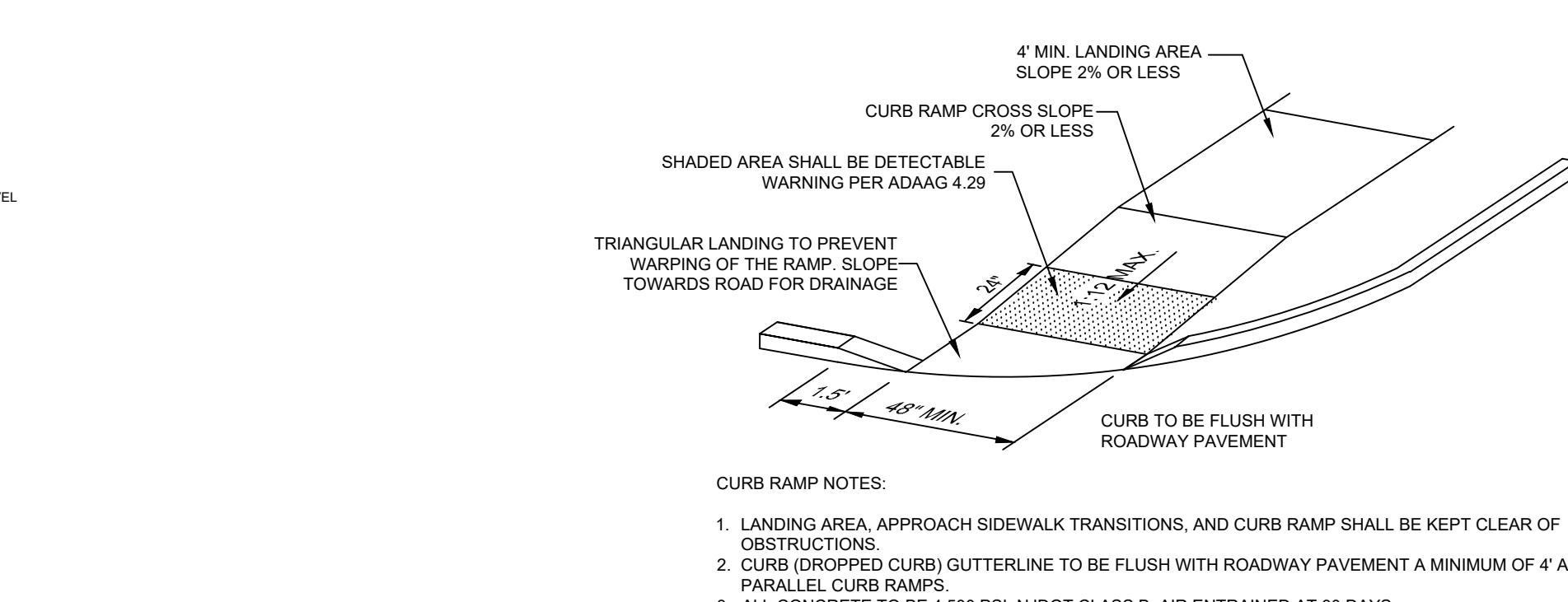
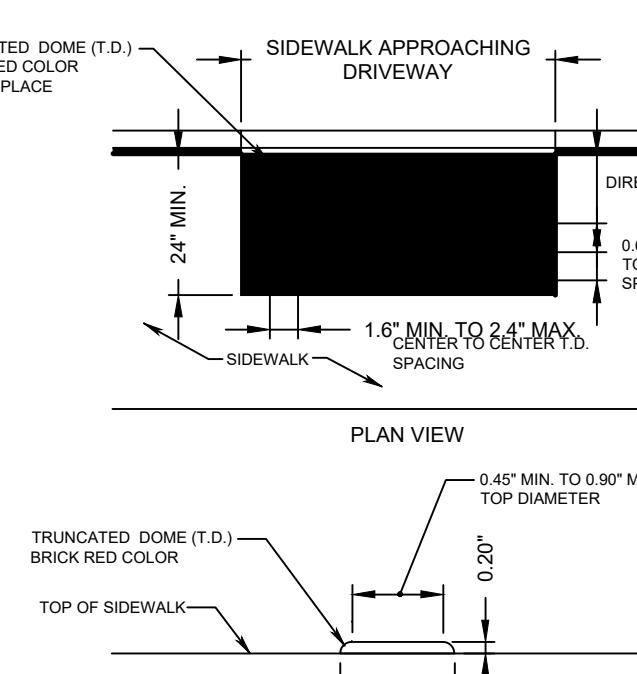


GRANITE BLOCK CURB DETAIL
NOT TO SCALE



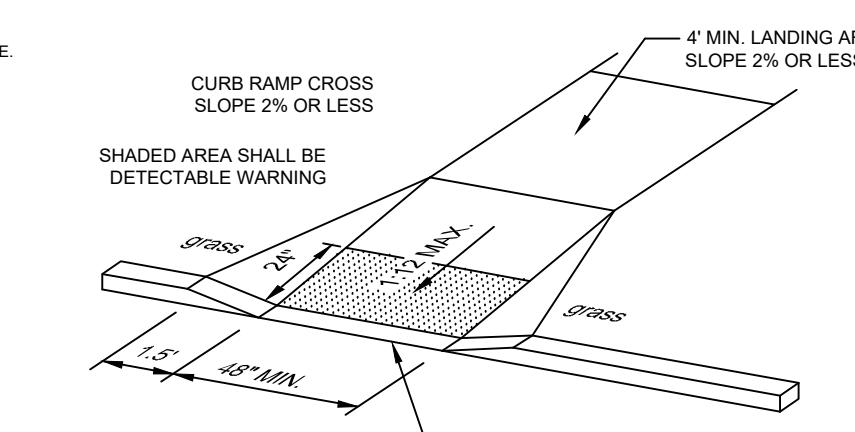
SE SHALL BE COMPACTED TO A FIRM AND EVEN SURFACE TO THE SATIS-
E AIR-ENTRAINED AND CONTAIN AN AIR CONTENT OF 6% \pm 1.5%
TRUCK OFF WITH A TRANSVERSE TEMPLATE AND FINISHED WITH FLOATS
A SMOOTH SURFACE HAS BEEN OBTAINED.
FINISHED WITH A WOODEN FLOAT AND BRUSHED WITH A WET, SOFT-HA-
NISHED AND ROUNDED WITH AN EDGING TOOL HAVING A RADIUS OF 1/4 IN-
CH.
N JOINT FILLER, 1/4" INCH THICK, SHALL BE FORMED AROUND ALL APPUR-
D UTILITY POLES, EXTENDING INTO OR THROUGH THE CONCRETE.
CONCRETE SHALL BE SO FINISHED AS TO DRAIN COMPLETELY AT ALL TIME

CONCRETE SIDEWALK DETAIL



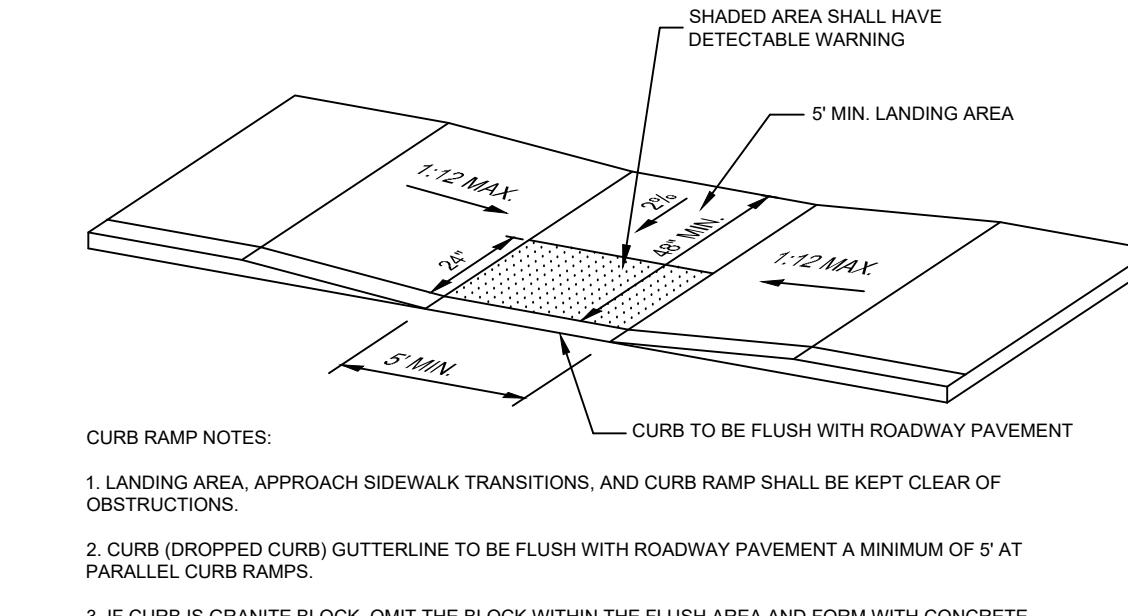
CURB RAMP DETAIL (TYPE 'A')

SIDEWALK NOT PERPENDICULAR TO CURB

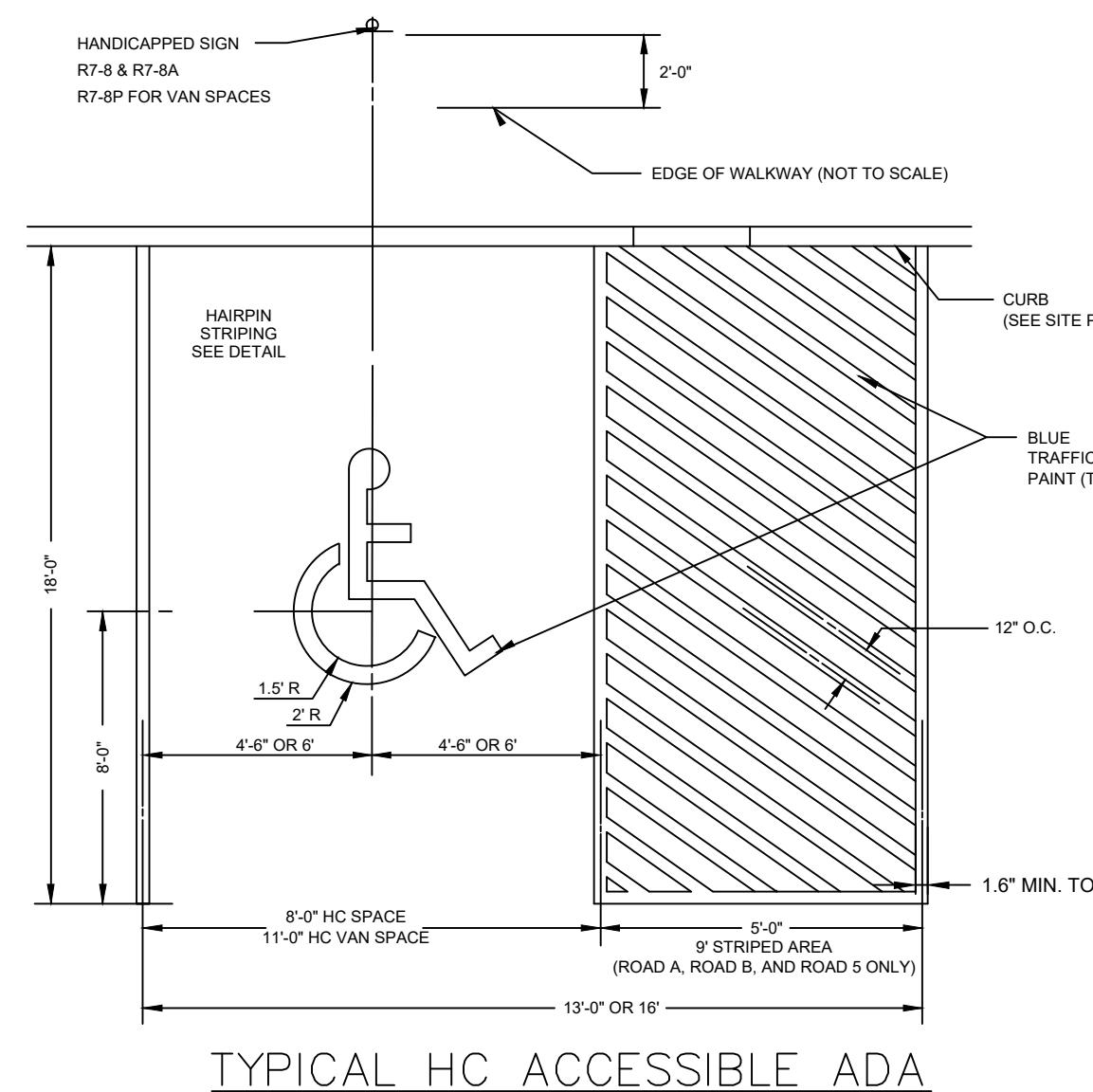


NOTES:

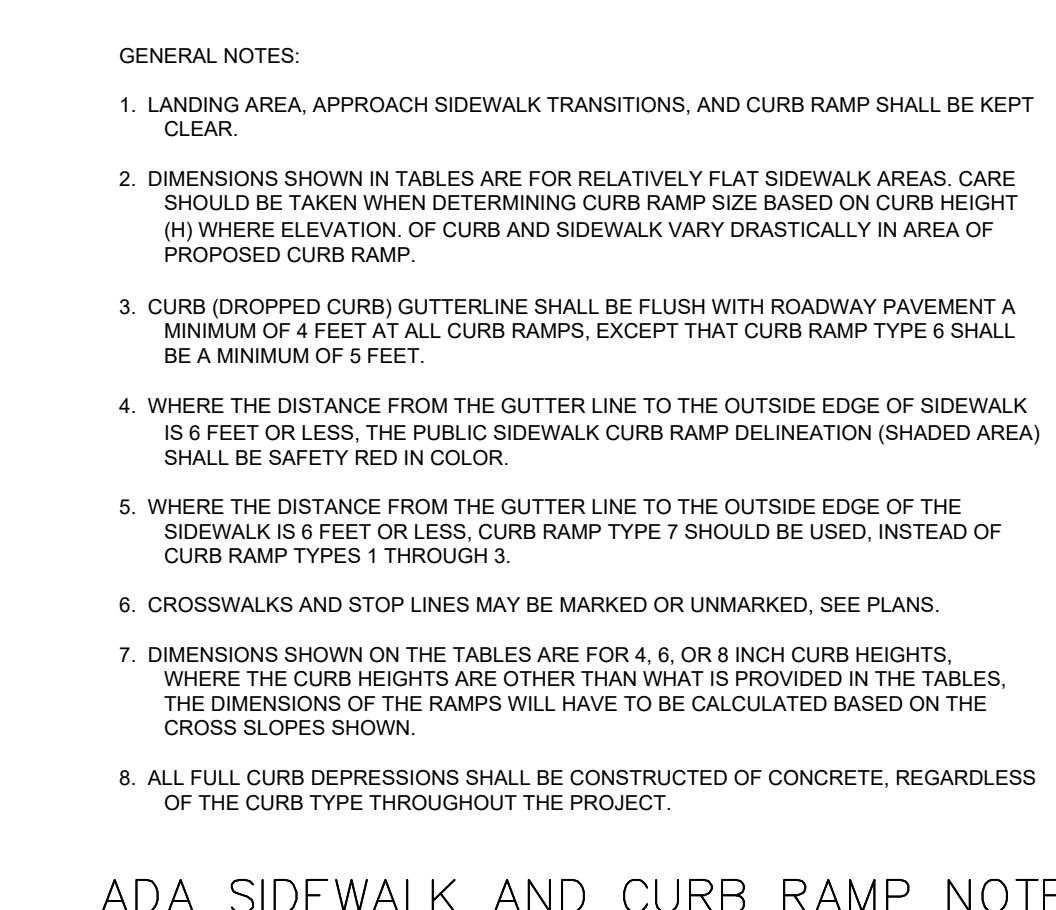
1. DETECTABLE WARNING SURFACE SHALL BE 70% COLOR RED CAST-IN-PLACE CONCRETE.
2. CONTRACTOR SHALL PROVIDE A DETECTABLE WARNING SURFACE SAMPLE TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.



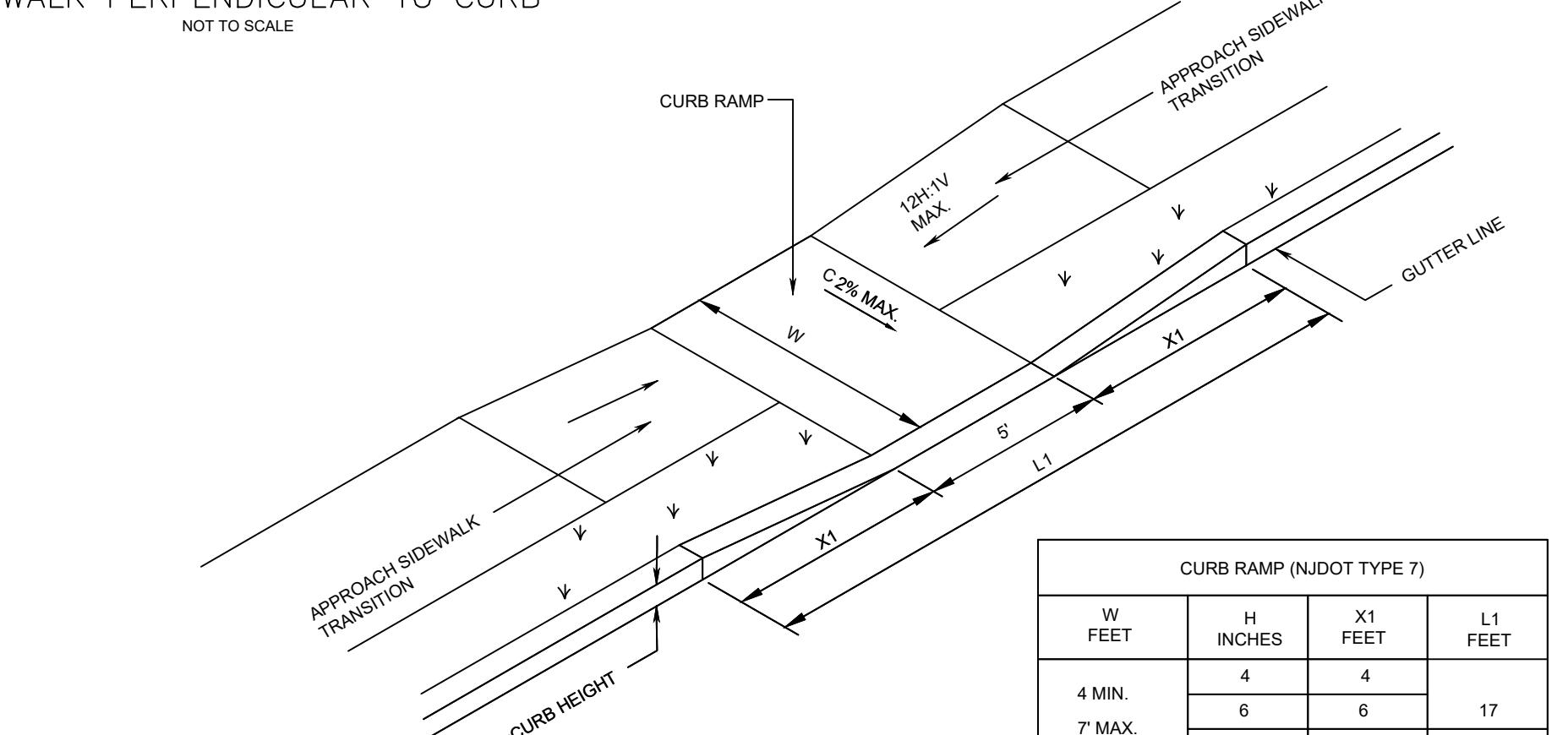
CURB RAMP 'B' DETAIL SIDEWALK ADJACENT TO CURB



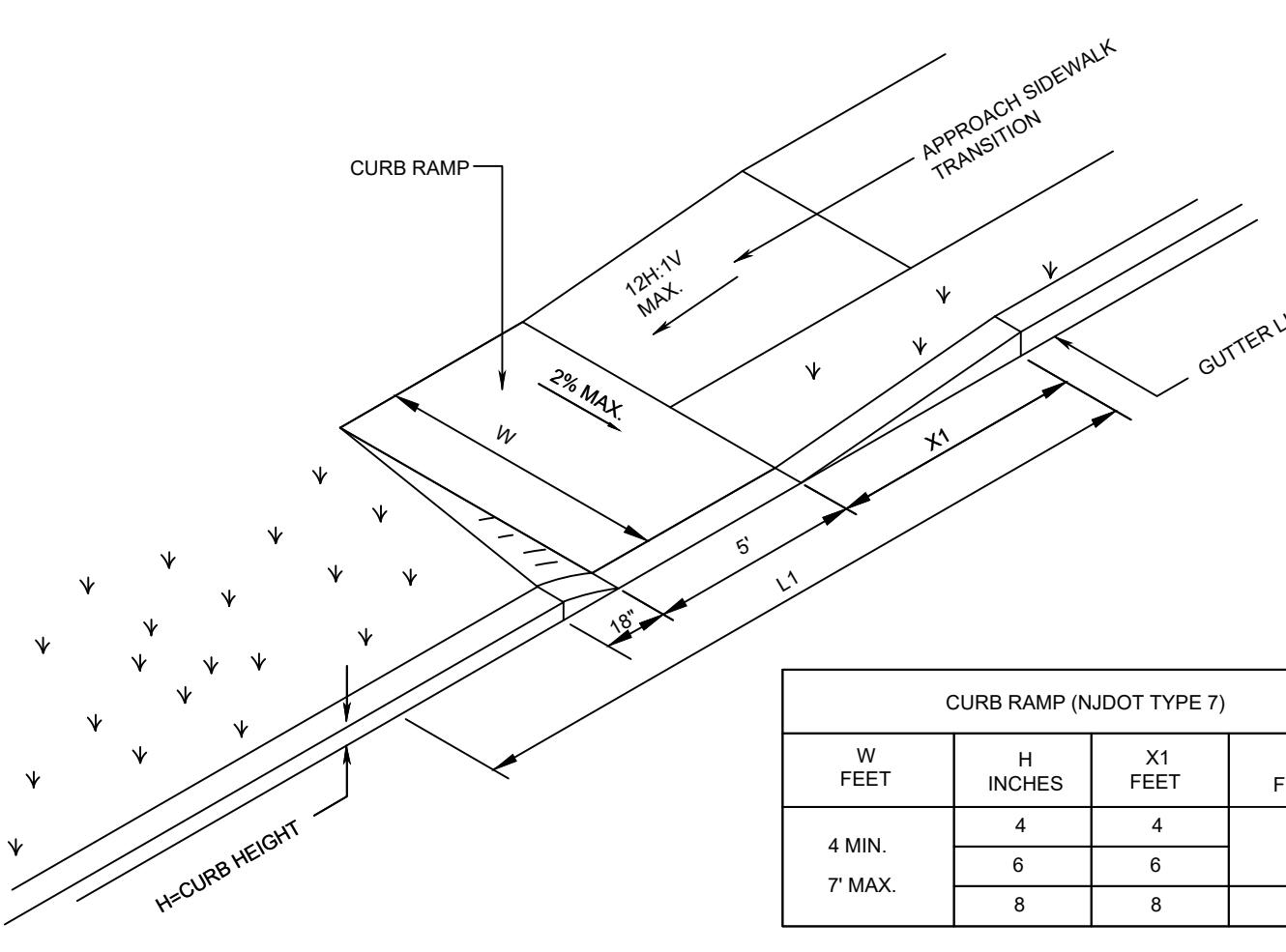
TYPICAL HC ACCESSIBLE ADA PARKING SPACE



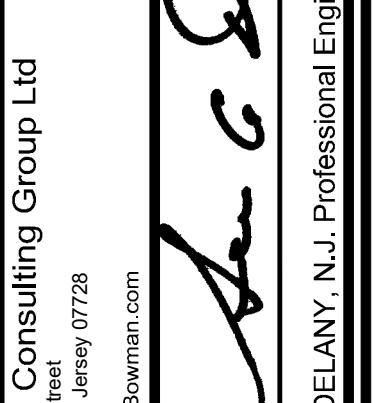
ADA SIDEWALK AND CURB RAMP NOTE
NOT TO SCALE

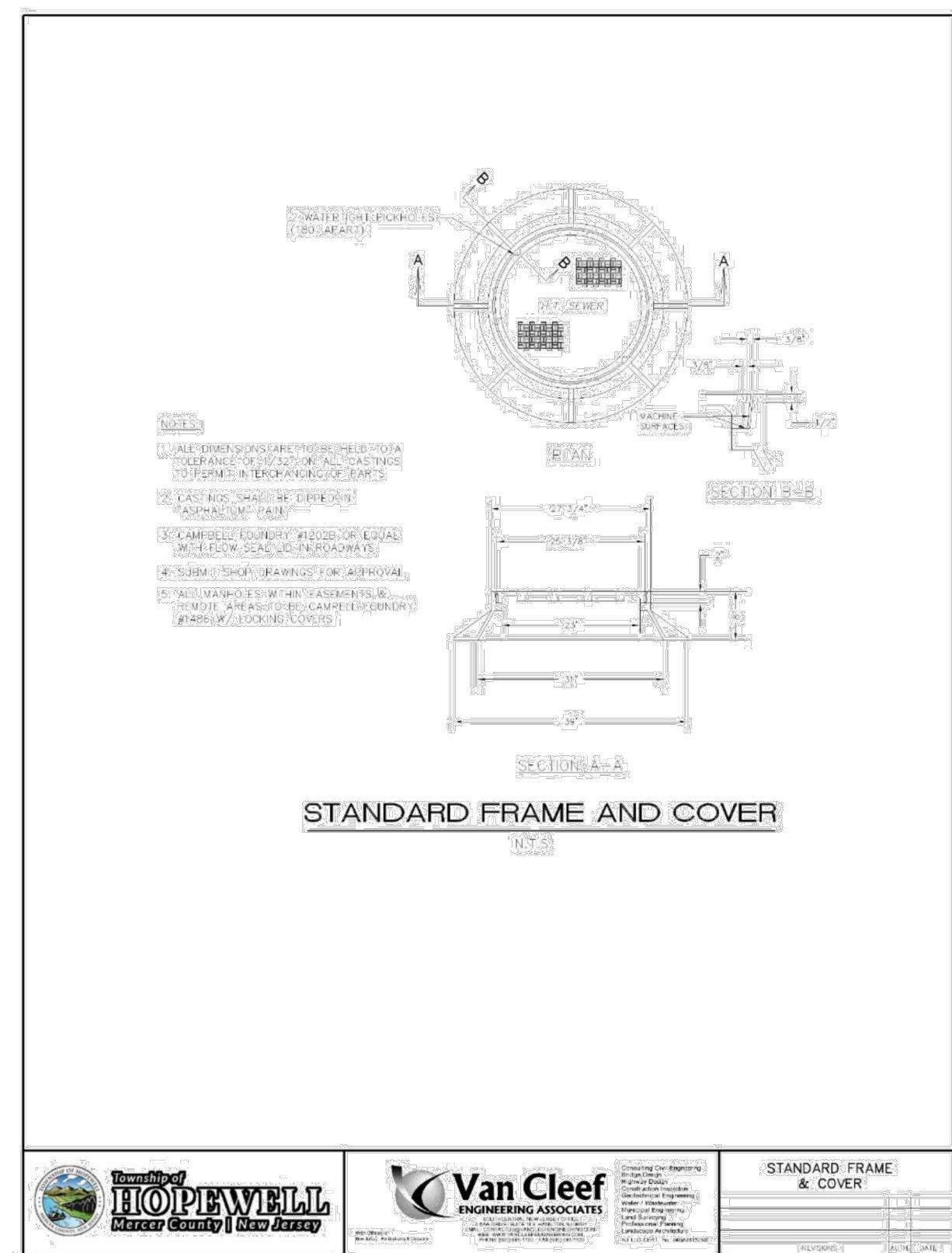


ADA SIDEWALK AND CURB RAMP TYPE 'E'
NOT TO SCALE

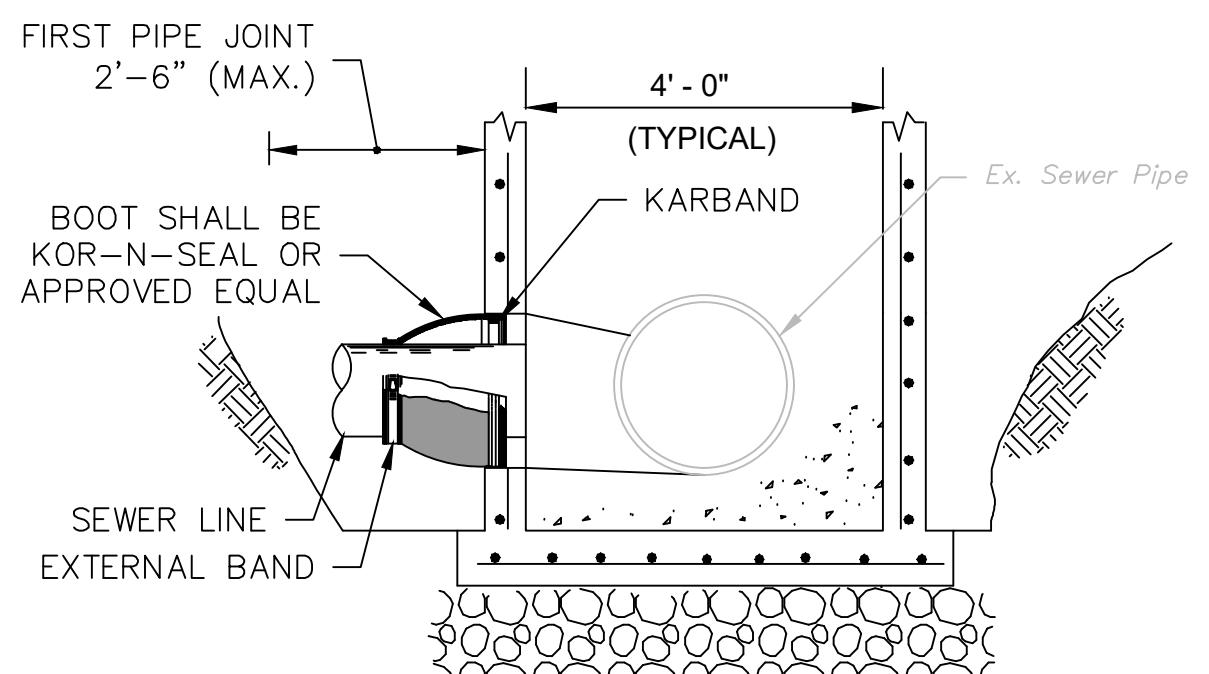
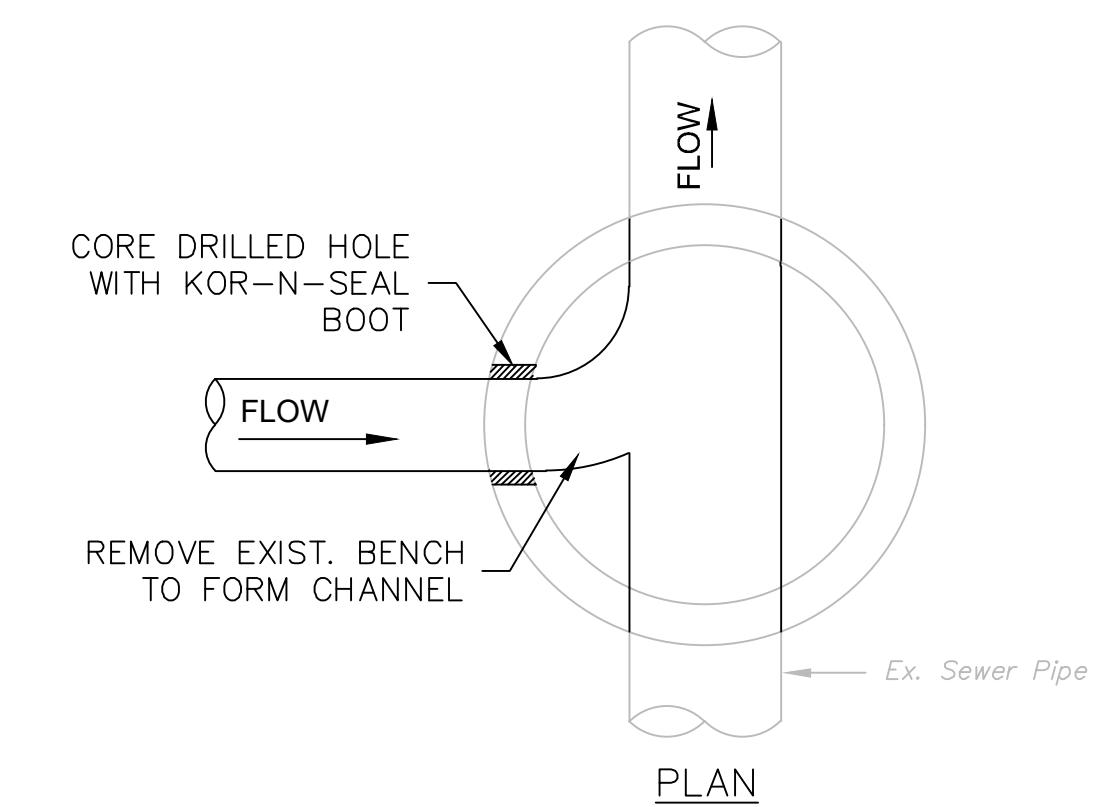


ADA SIDEWALK AND CURB RAMP TYPE 'D'
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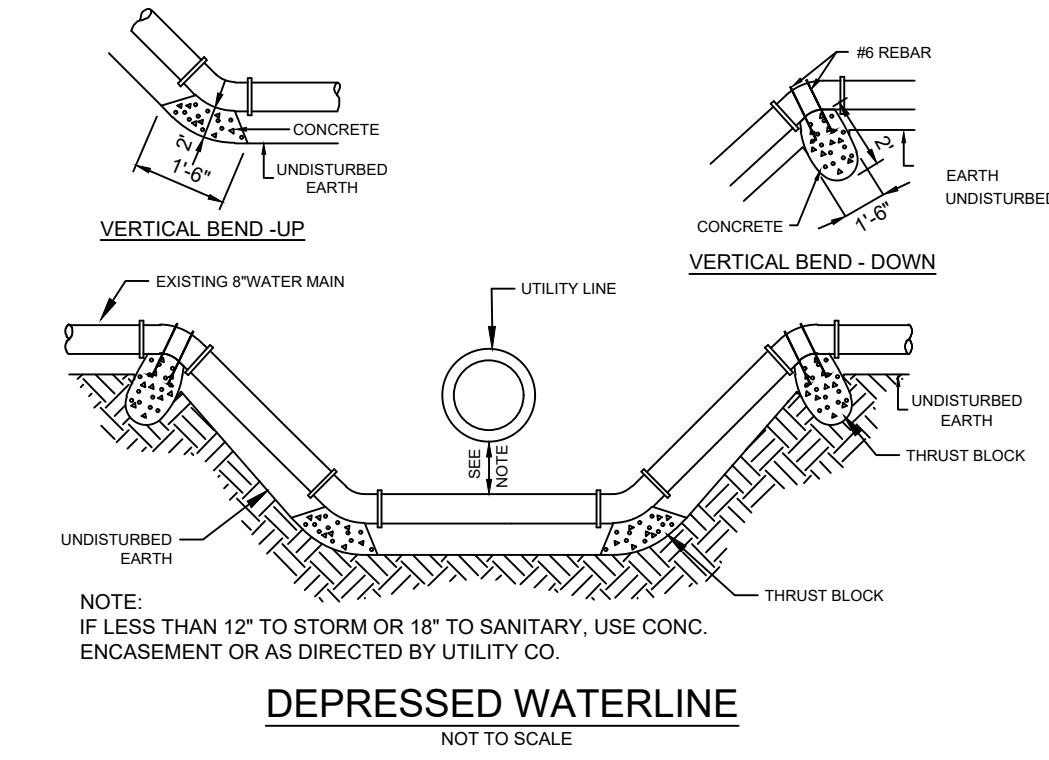




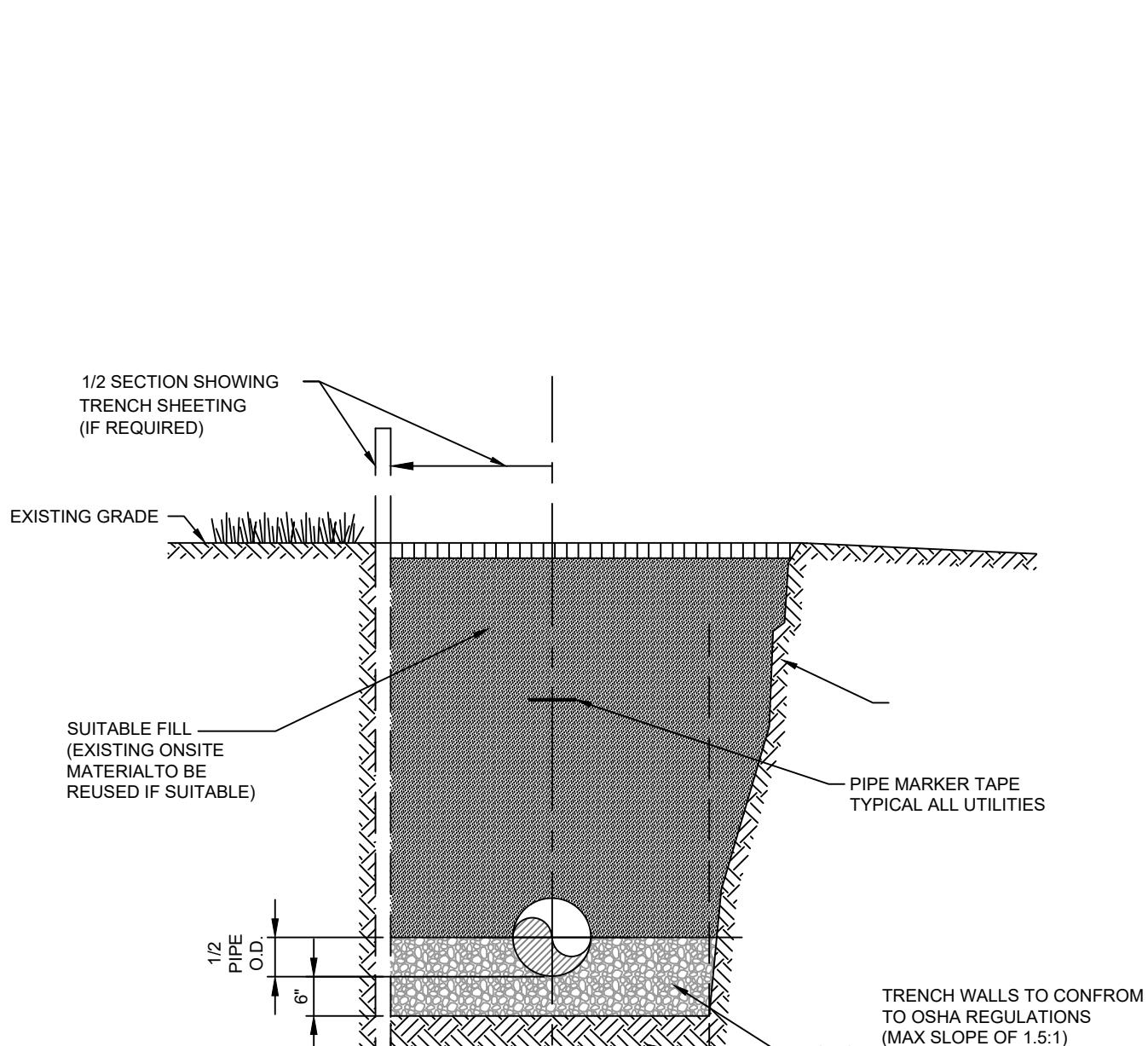
HOPEWELL
Water Quality Control
Van Cleef
Engineering Associates
STANDARD FRAME & COVER



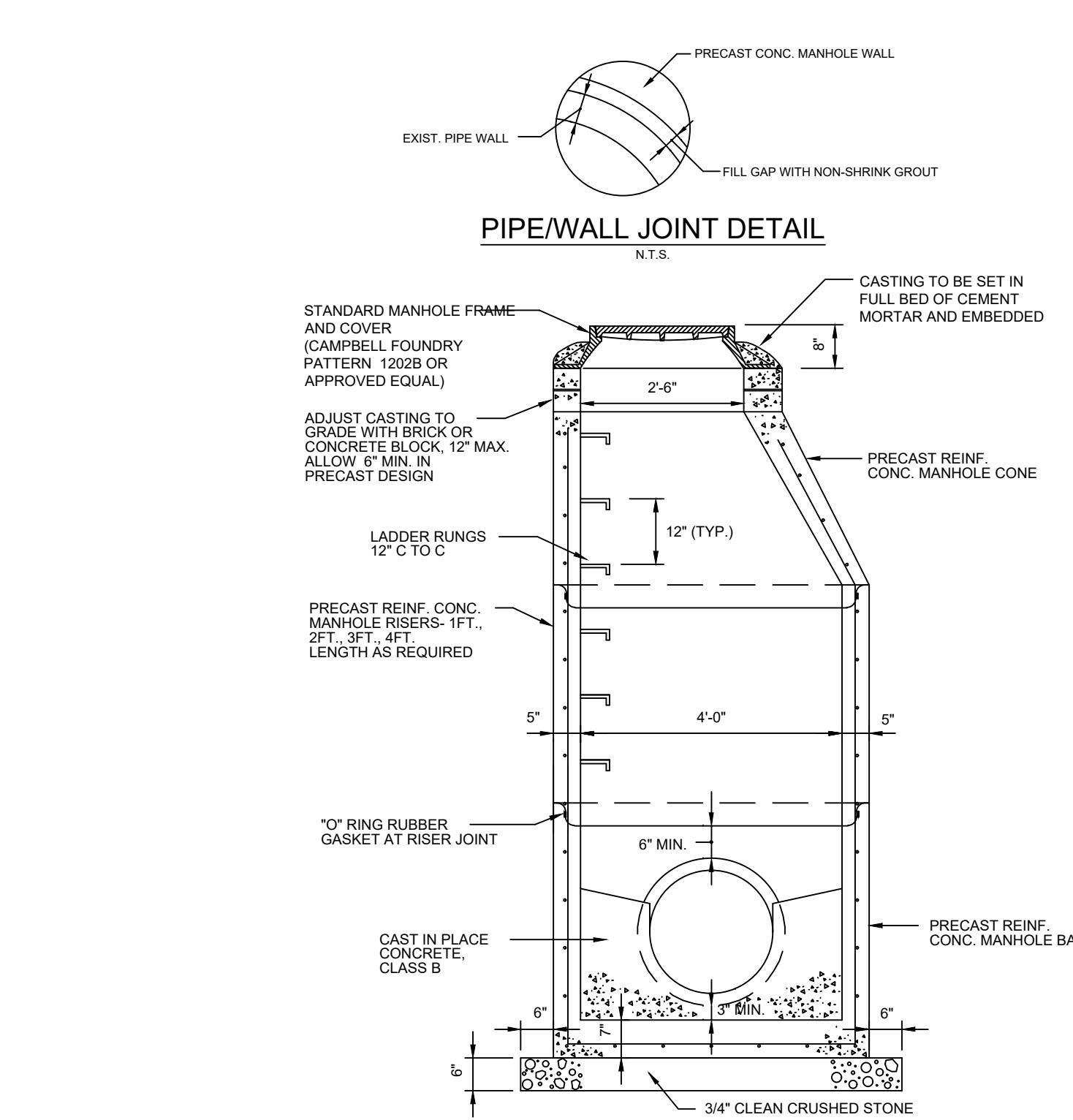
CONSTRUCTION NOTES:
1. A FLEXIBLE MANHOLE BOOT IS TO BE INSTALLED AT ALL MANHOLE AND PIPE CONNECTIONS.
2. FLEXIBLE BOOTS ARE TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
3. RECONSTRUCT BENCH TO PROVIDE SMOOTH FLOW THROUGH MANHOLE.
4. ALL EXISTING MANHOLES SHALL BE REHABILITATED AS DETERMINED BY THE ENGINEER.



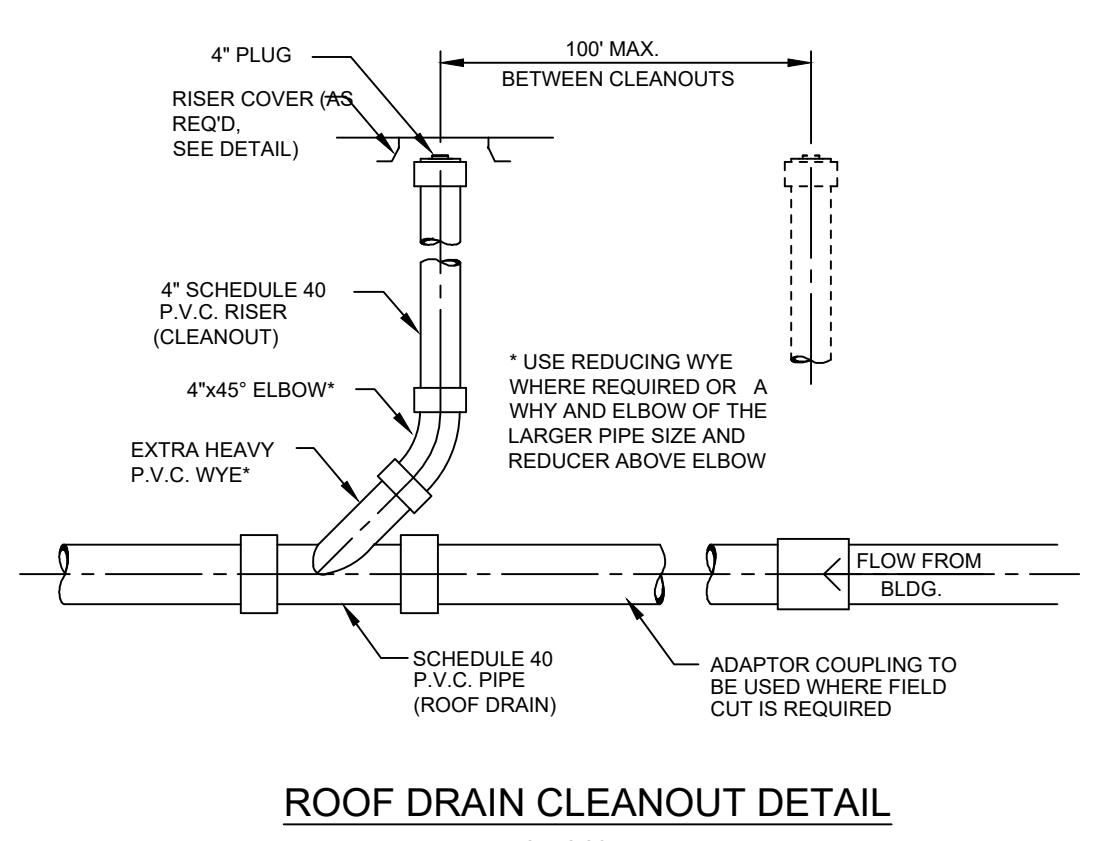
Bowman



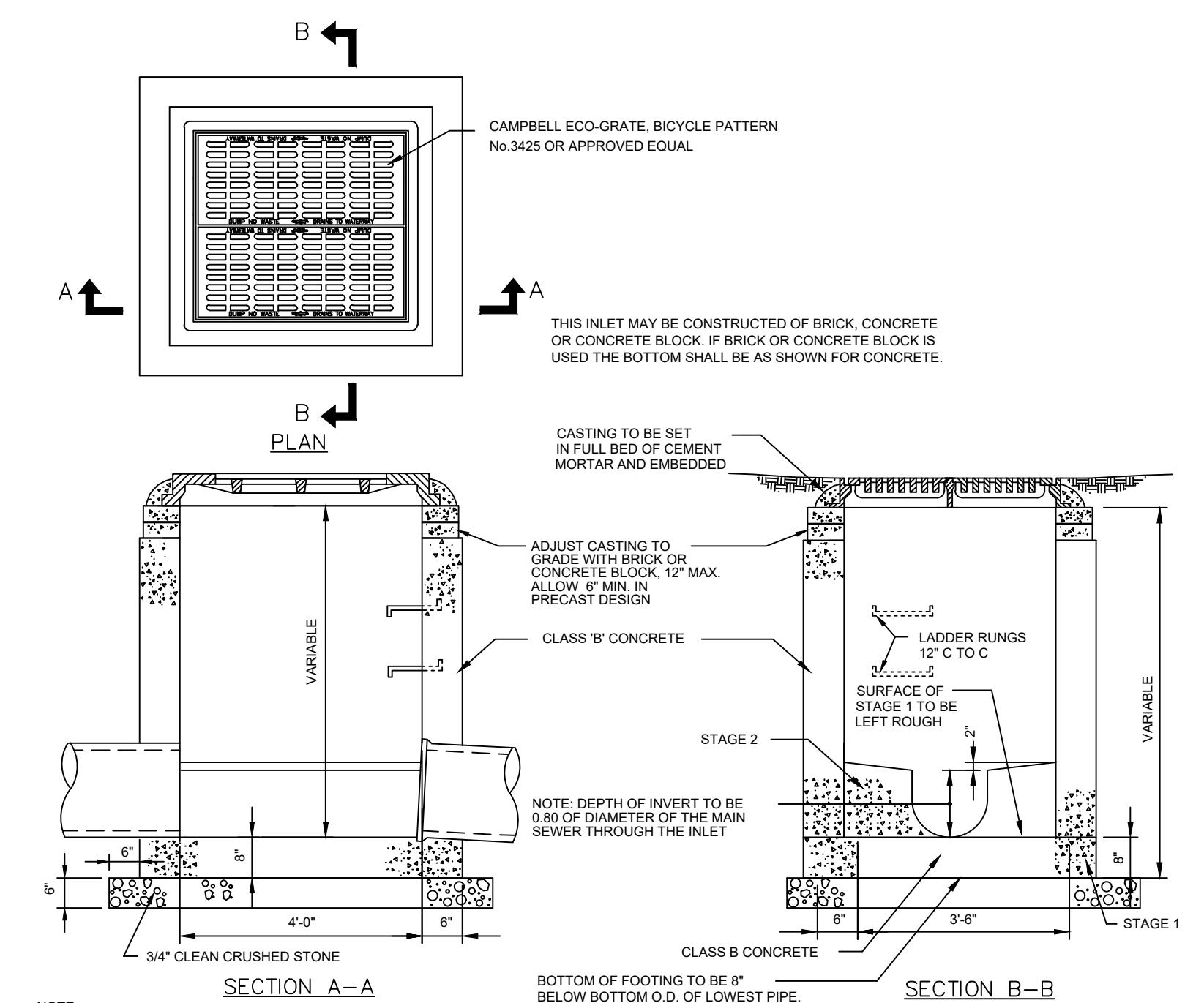
WATER MAIN TRENCH DETAIL
NOT TO SCALE



STORM PRECAST MANHOLE
N.T.S.

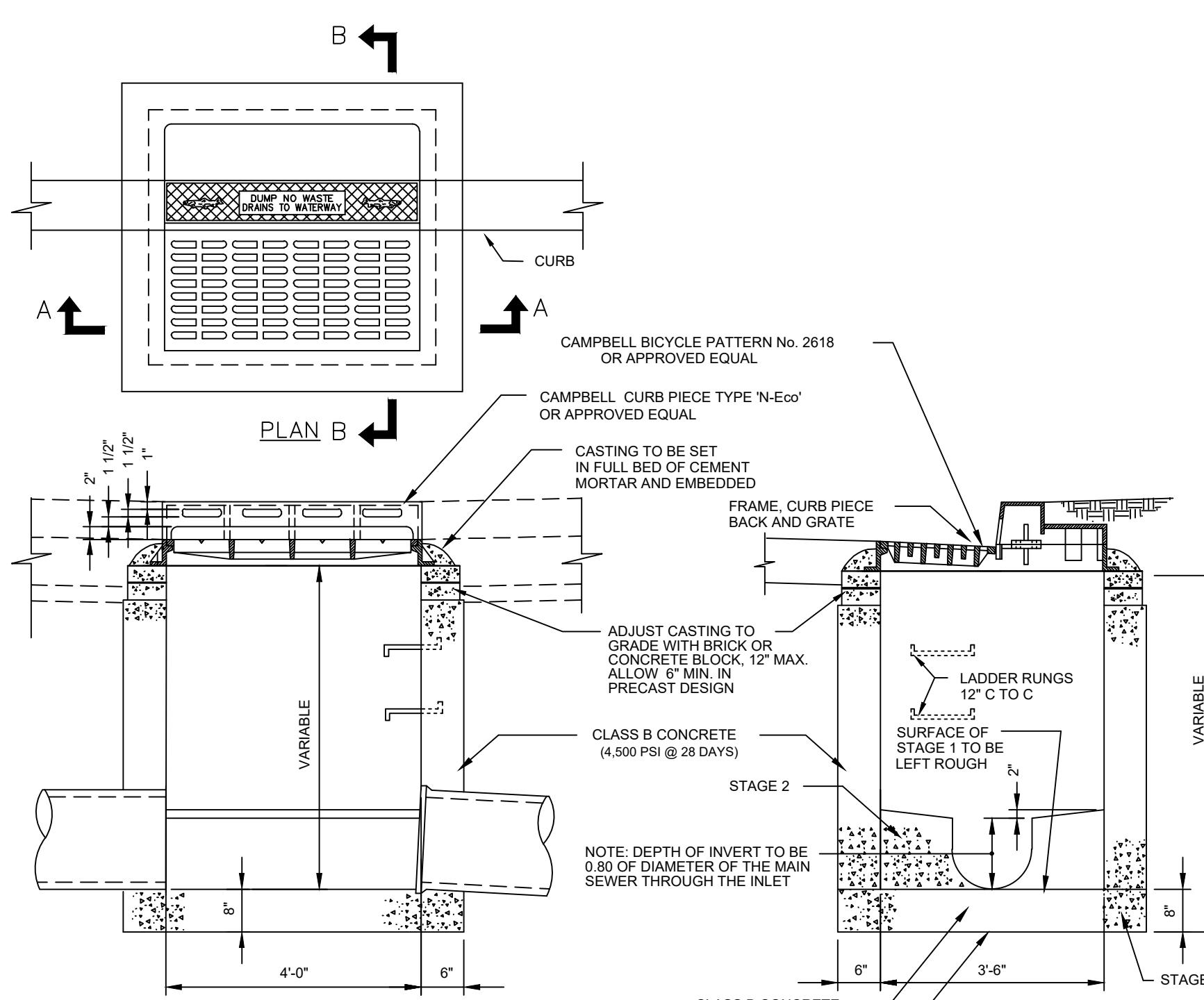


ROOF DRAIN CLEANOUT DETAIL
NOT TO SCALE



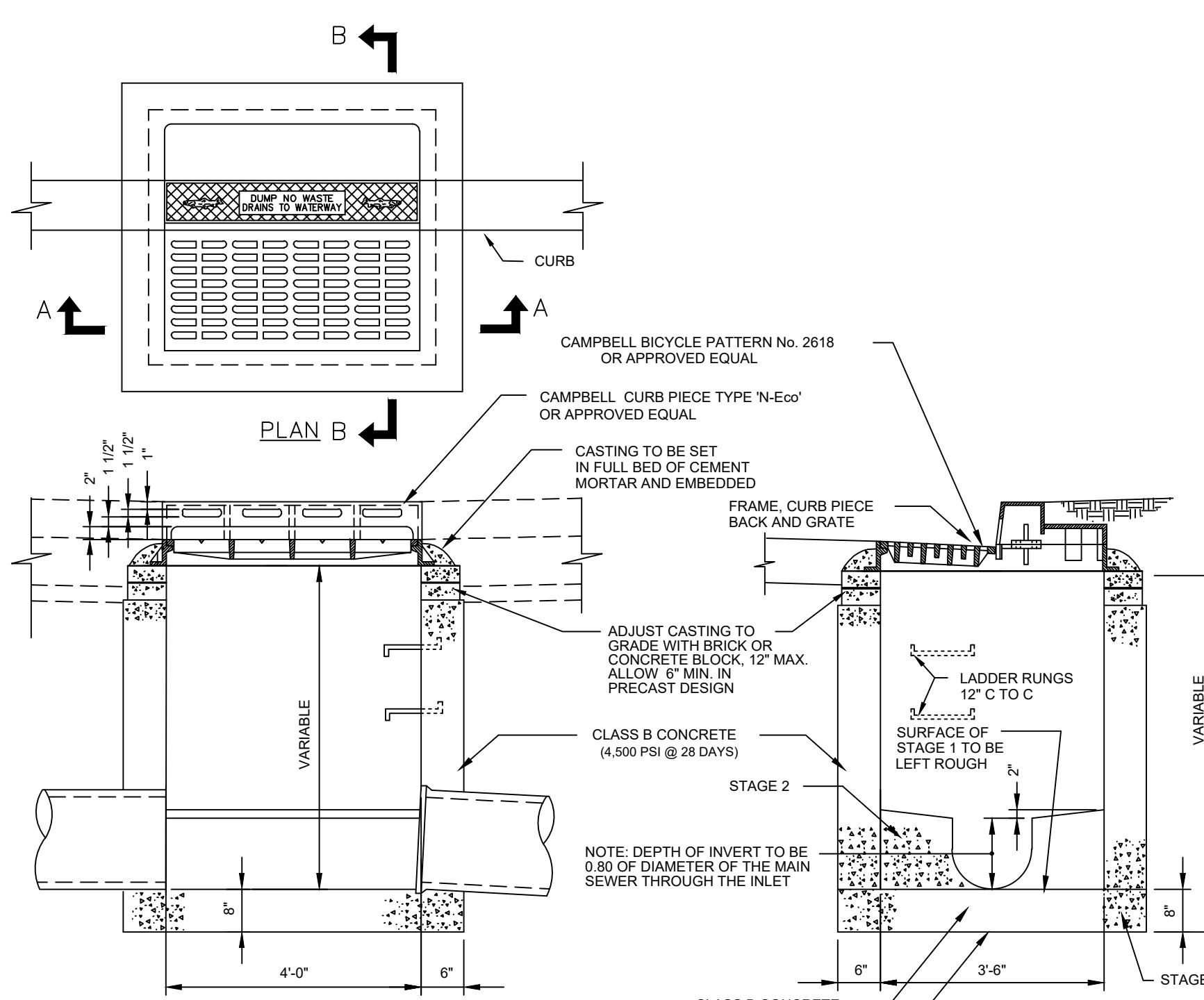
INLET TYPE "E"
N.T.S.

NOTE: 1. STRUCTURE TO BE CONSTRUCTED AS PRECAST REINFORCED CONCRETE.
2. ALL CONCRETE TO BE 4,500 PSI, NUDOT CLASS B, AIR ENTRAINED.
3. PRECAST MANHOLE SECTIONS PER ASTM C476

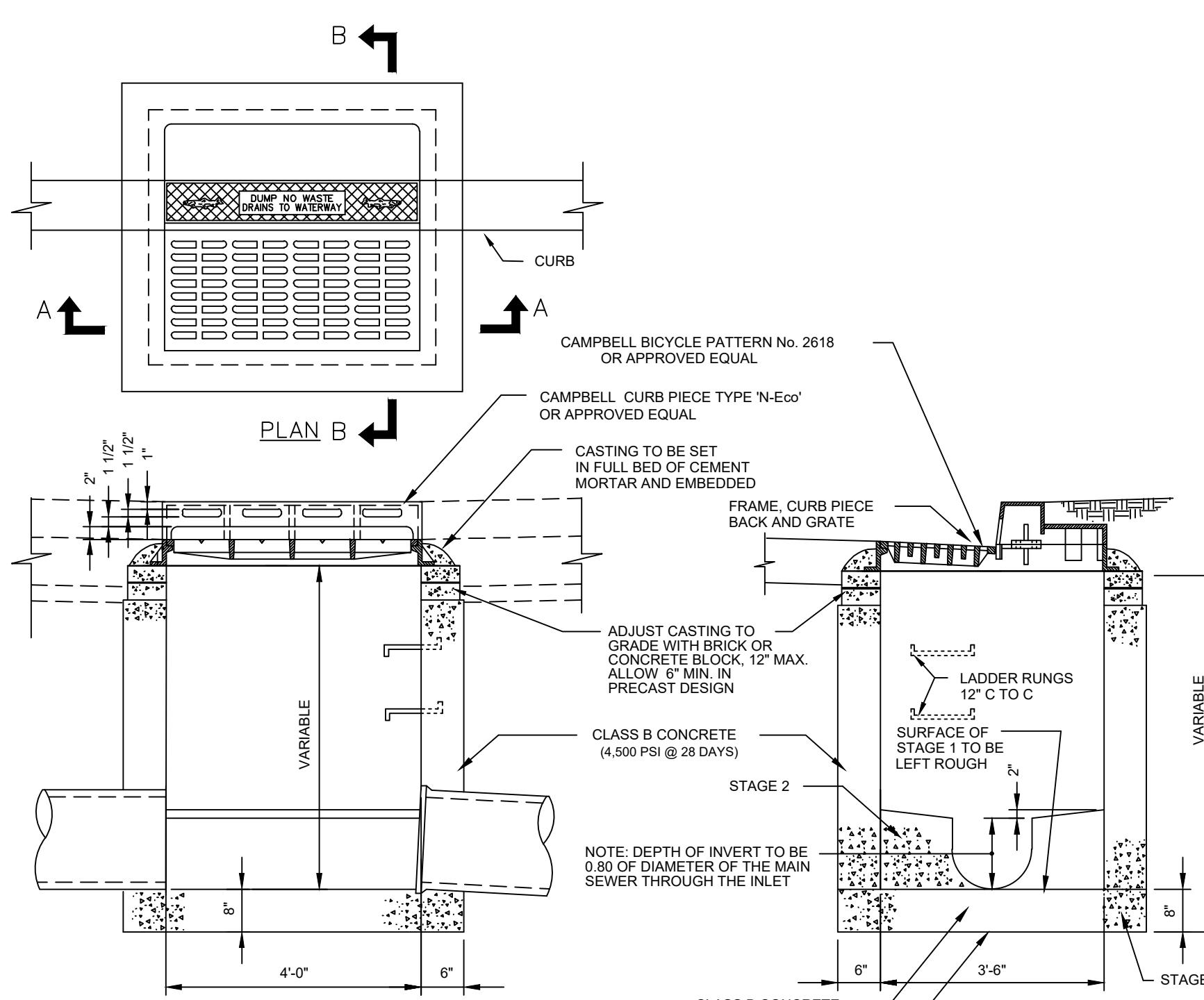


INLET TYPE "B" DETAIL WITH C.I.
CURB PIECE-BACK-FRAME AND GRATE
N.T.S.

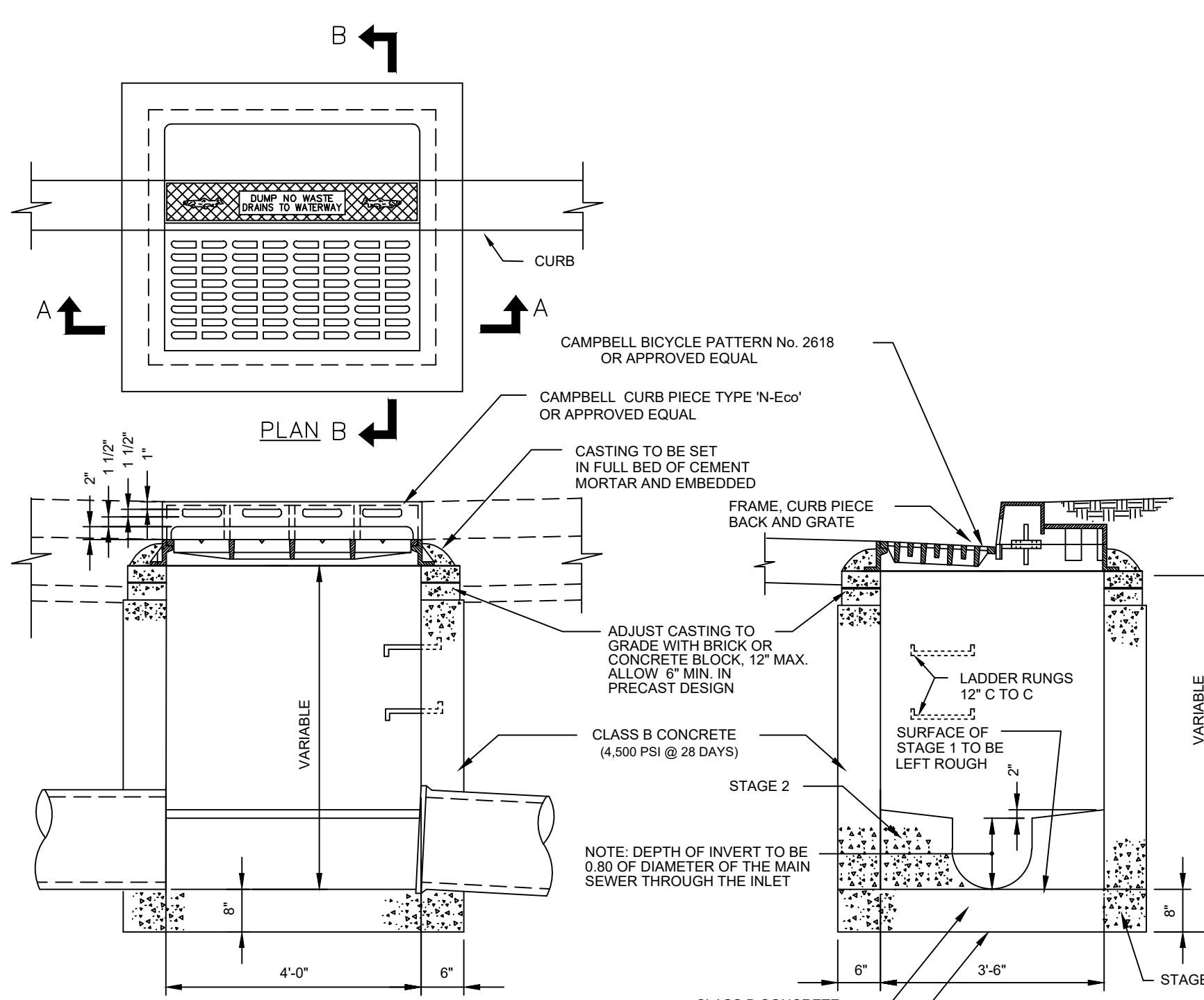
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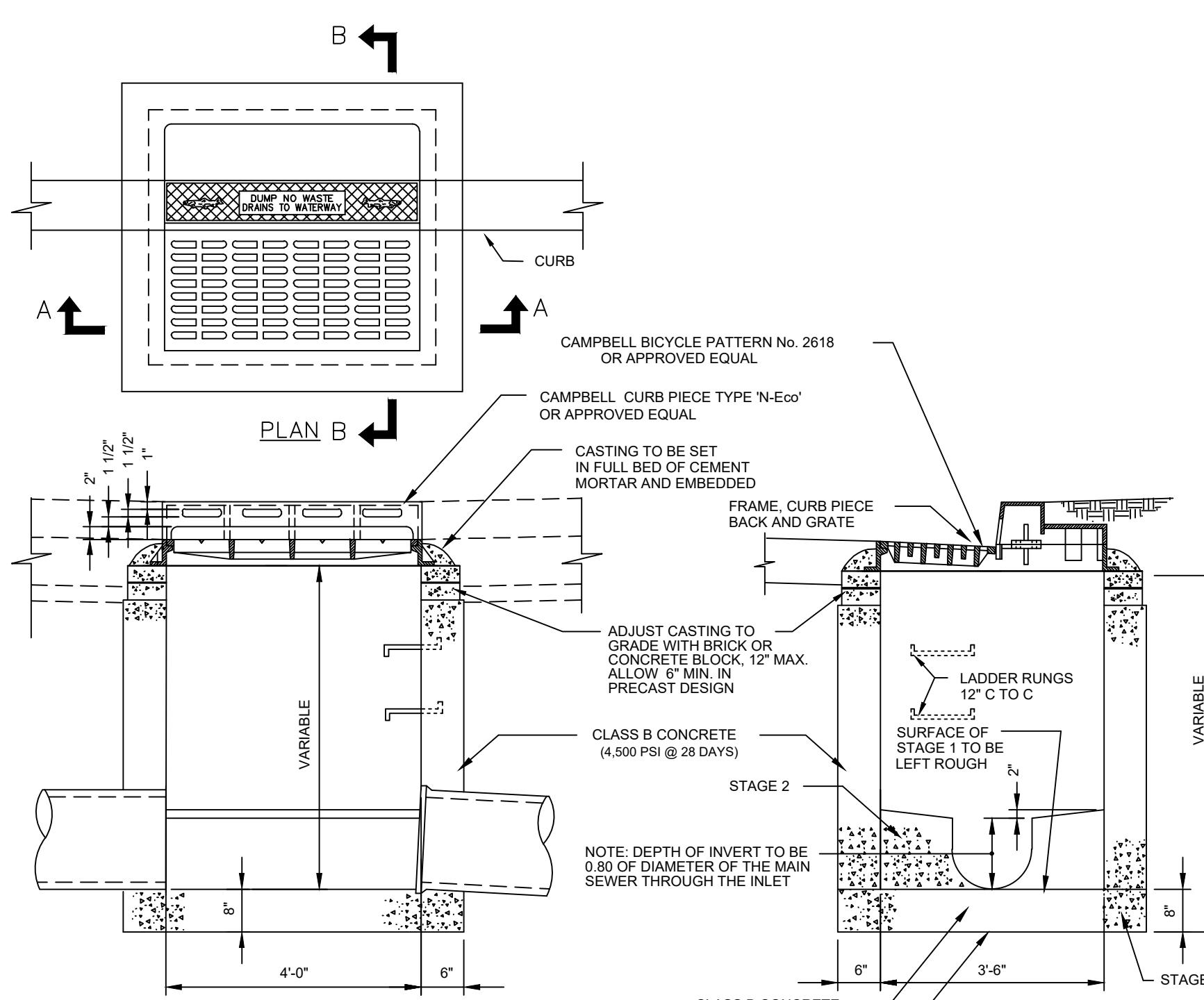
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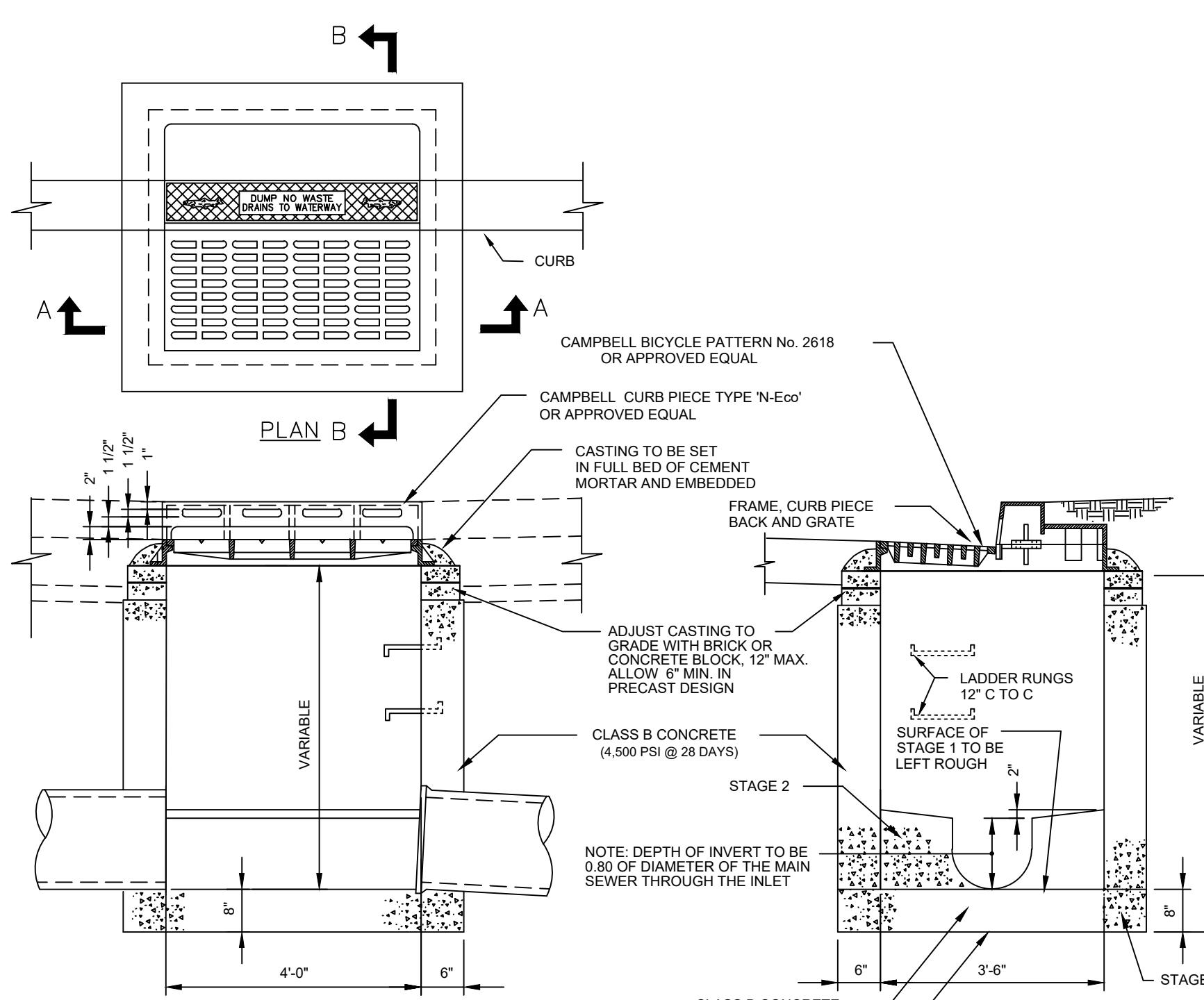
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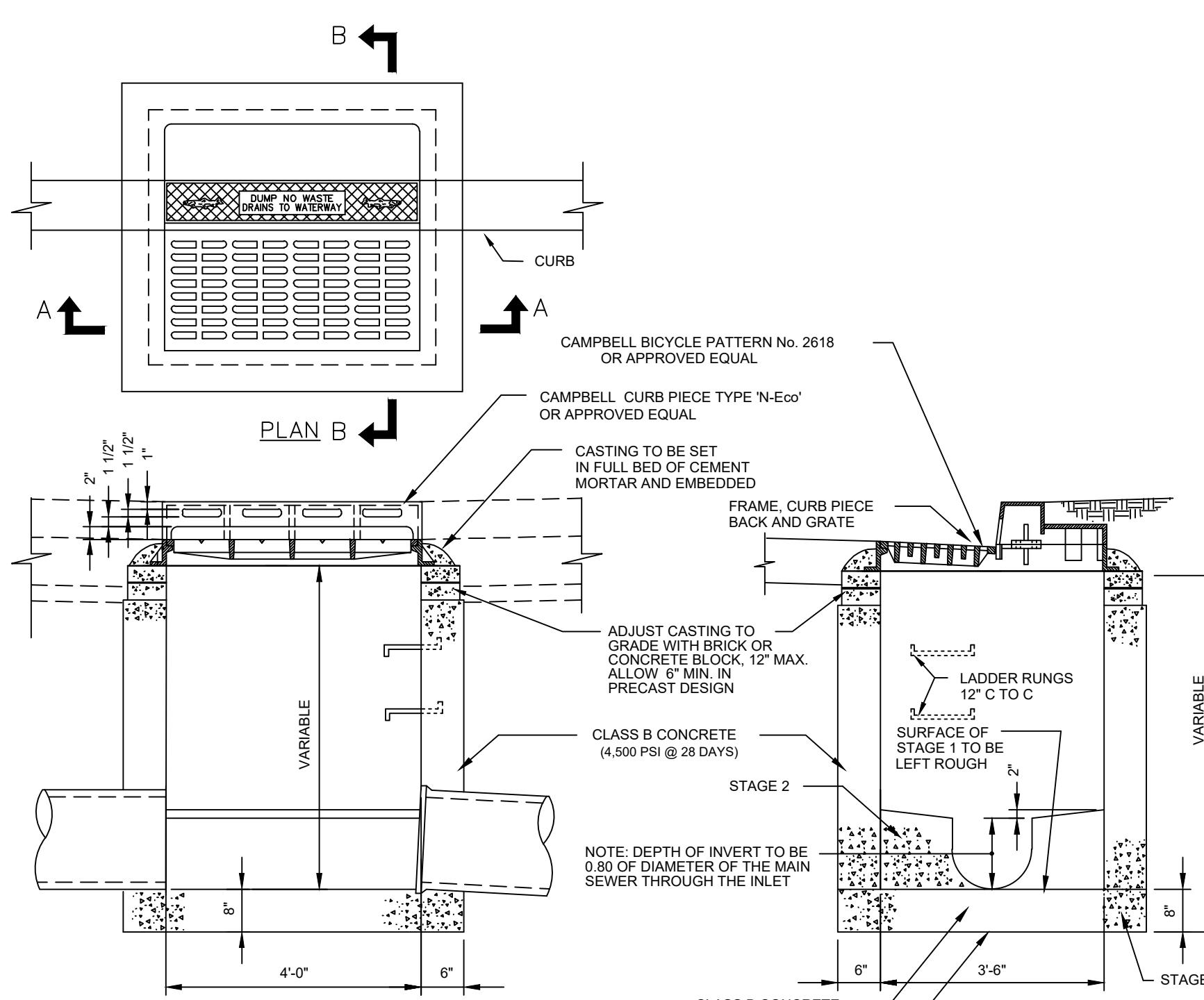
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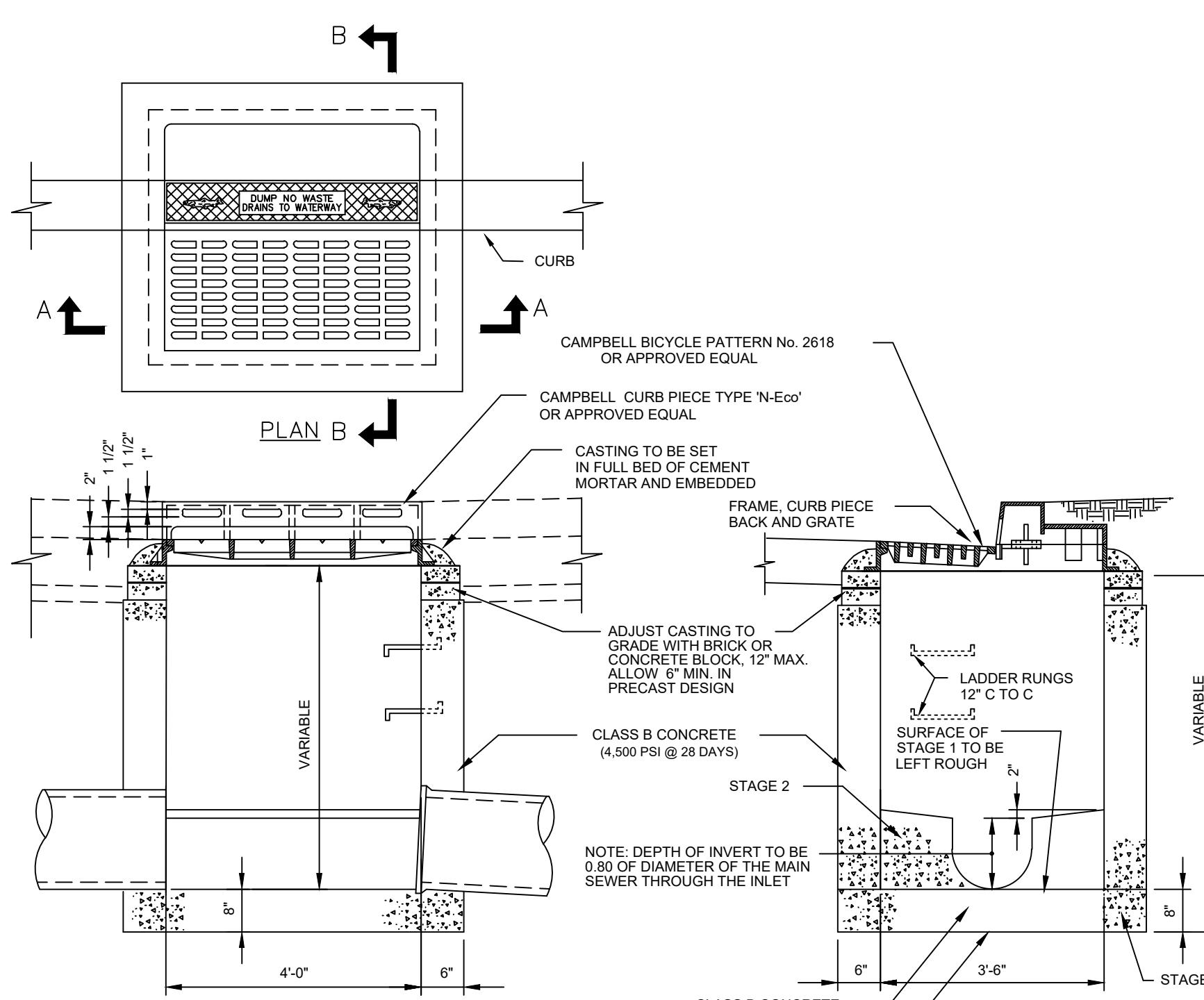
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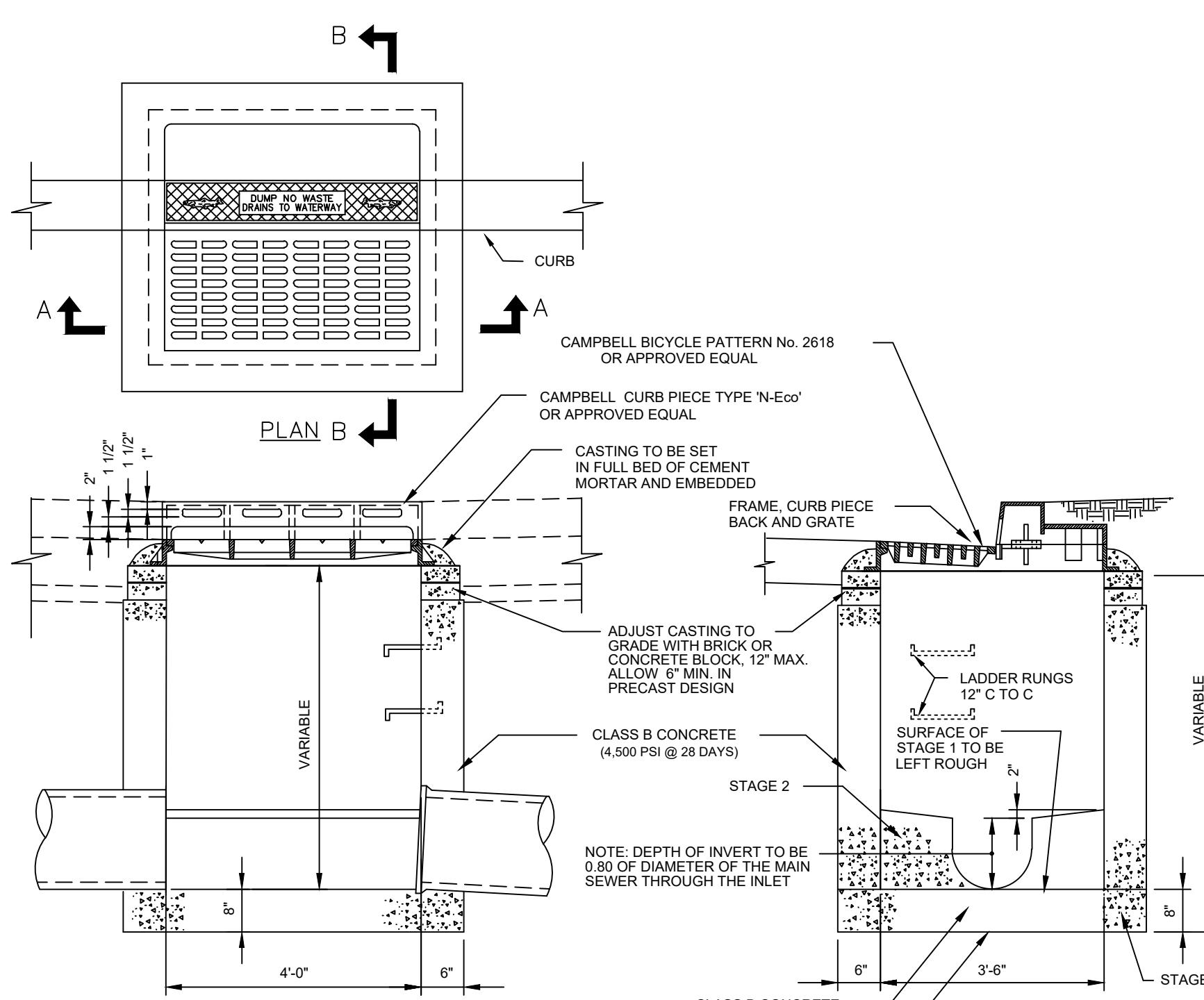
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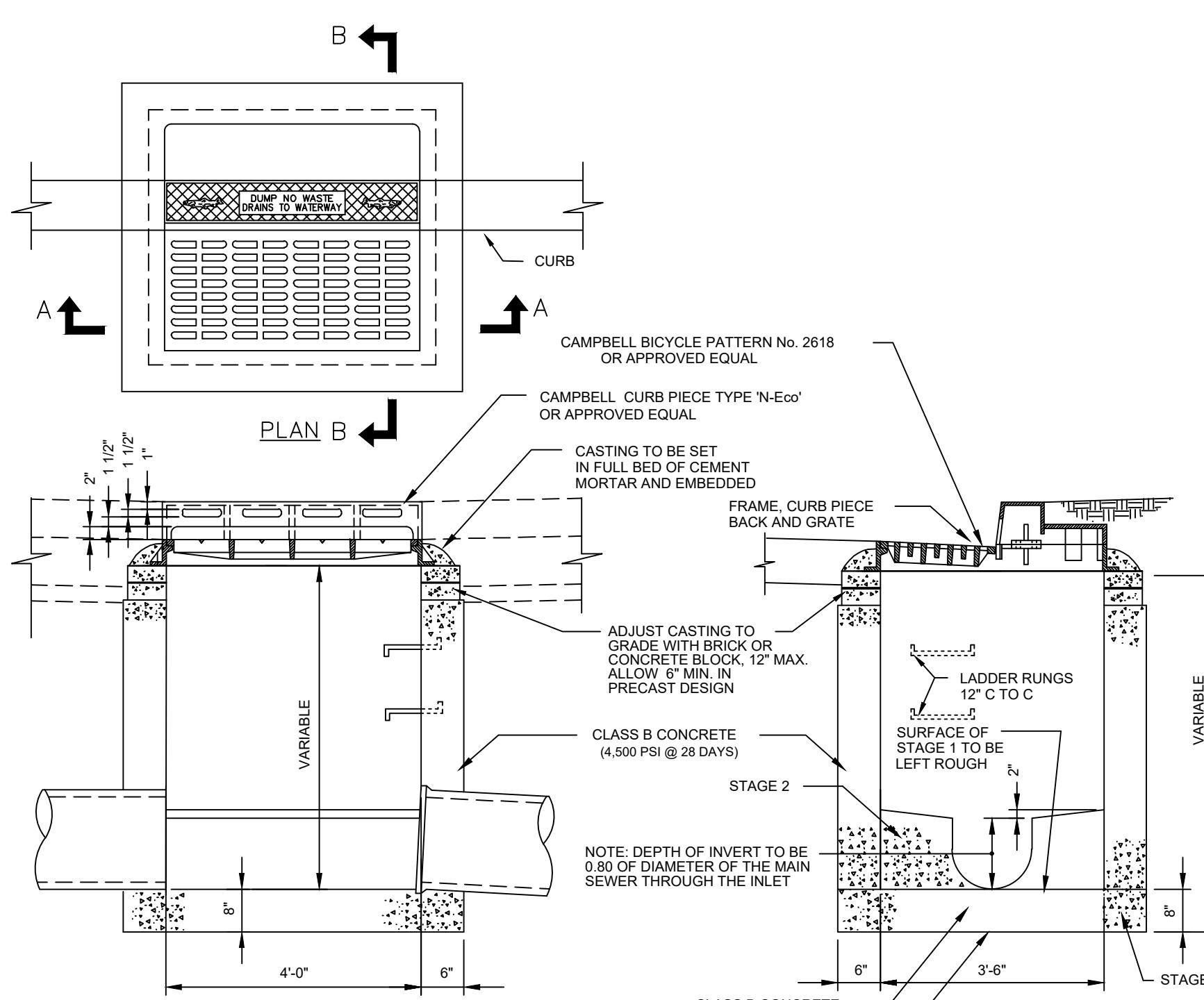
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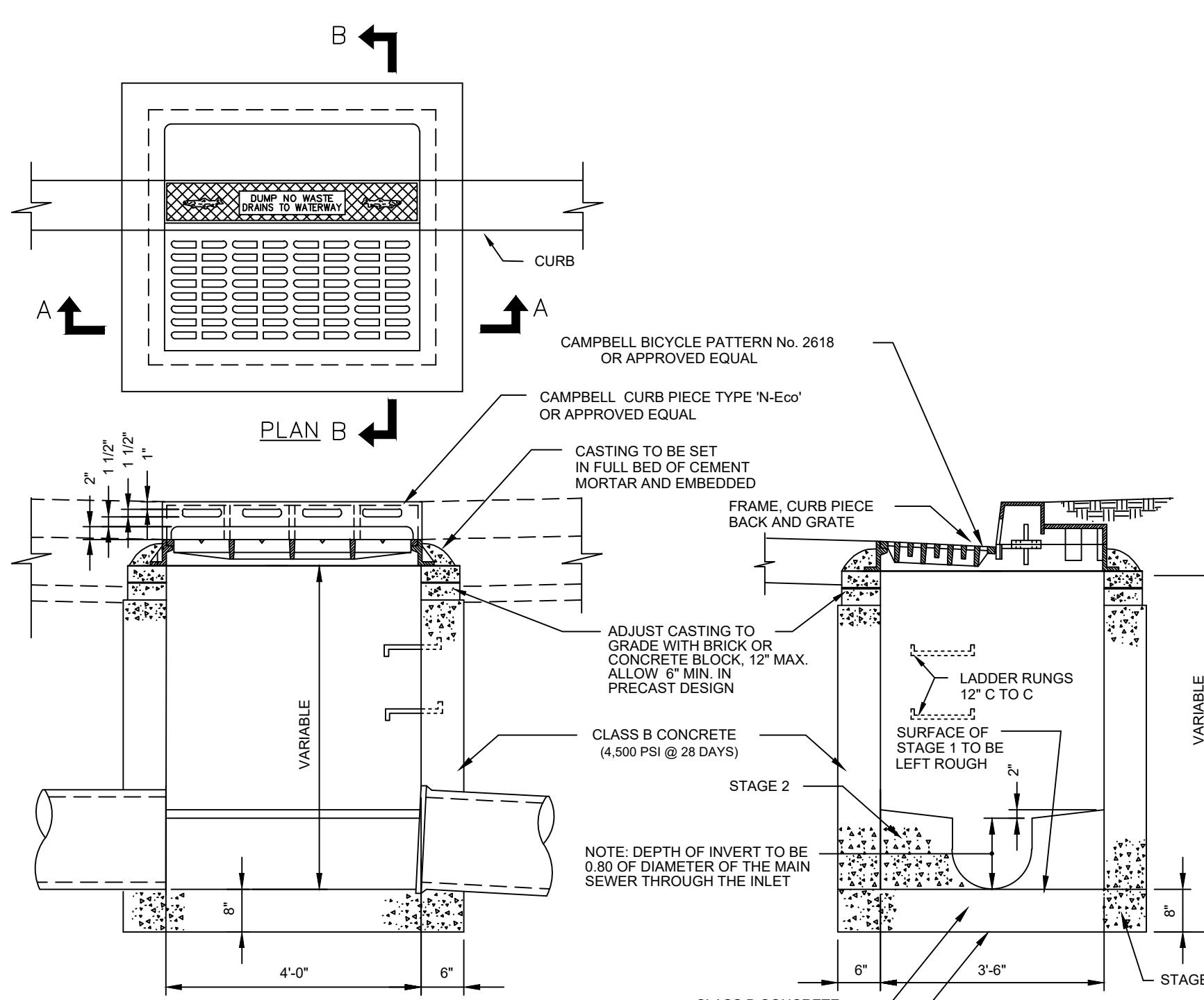
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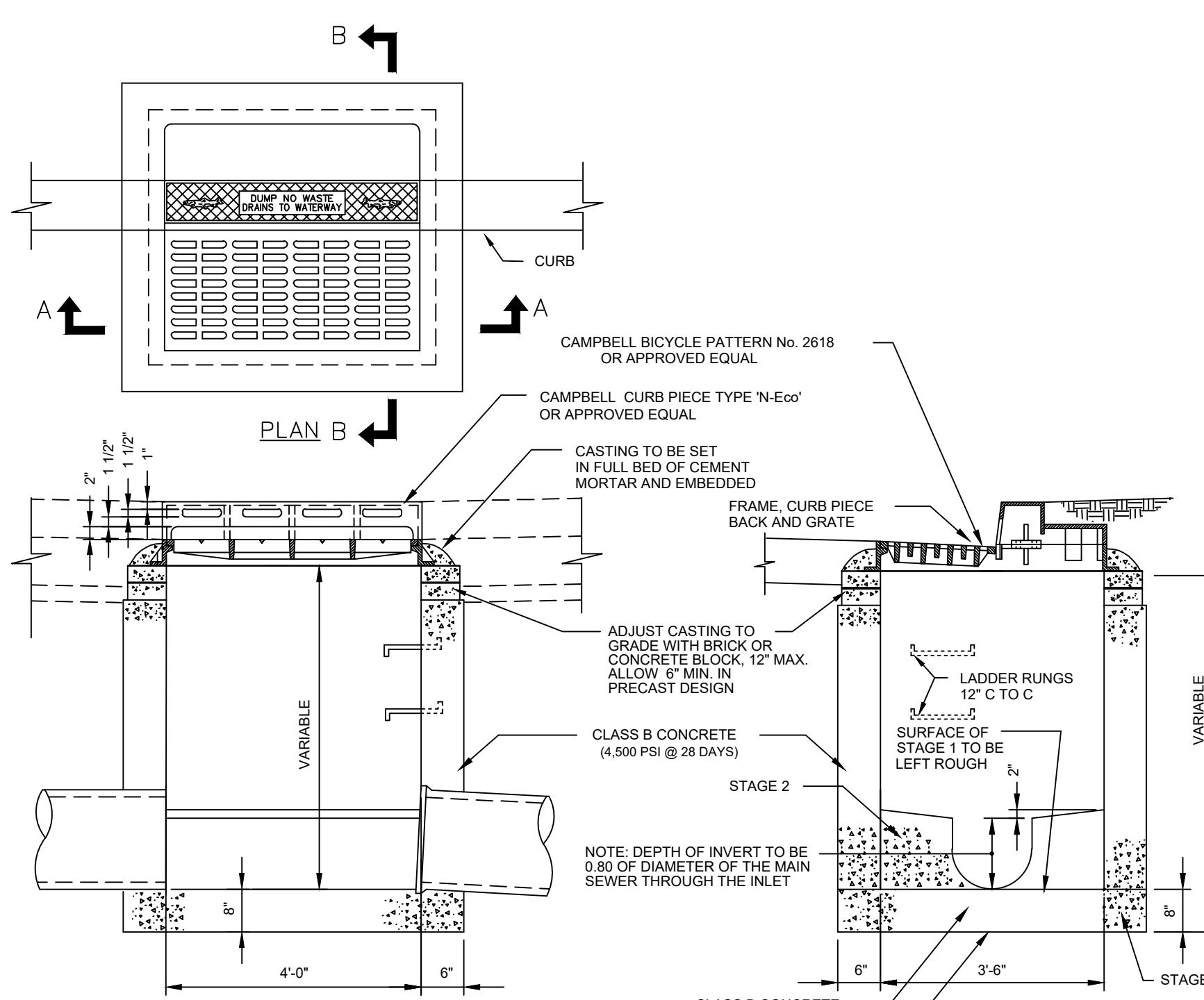
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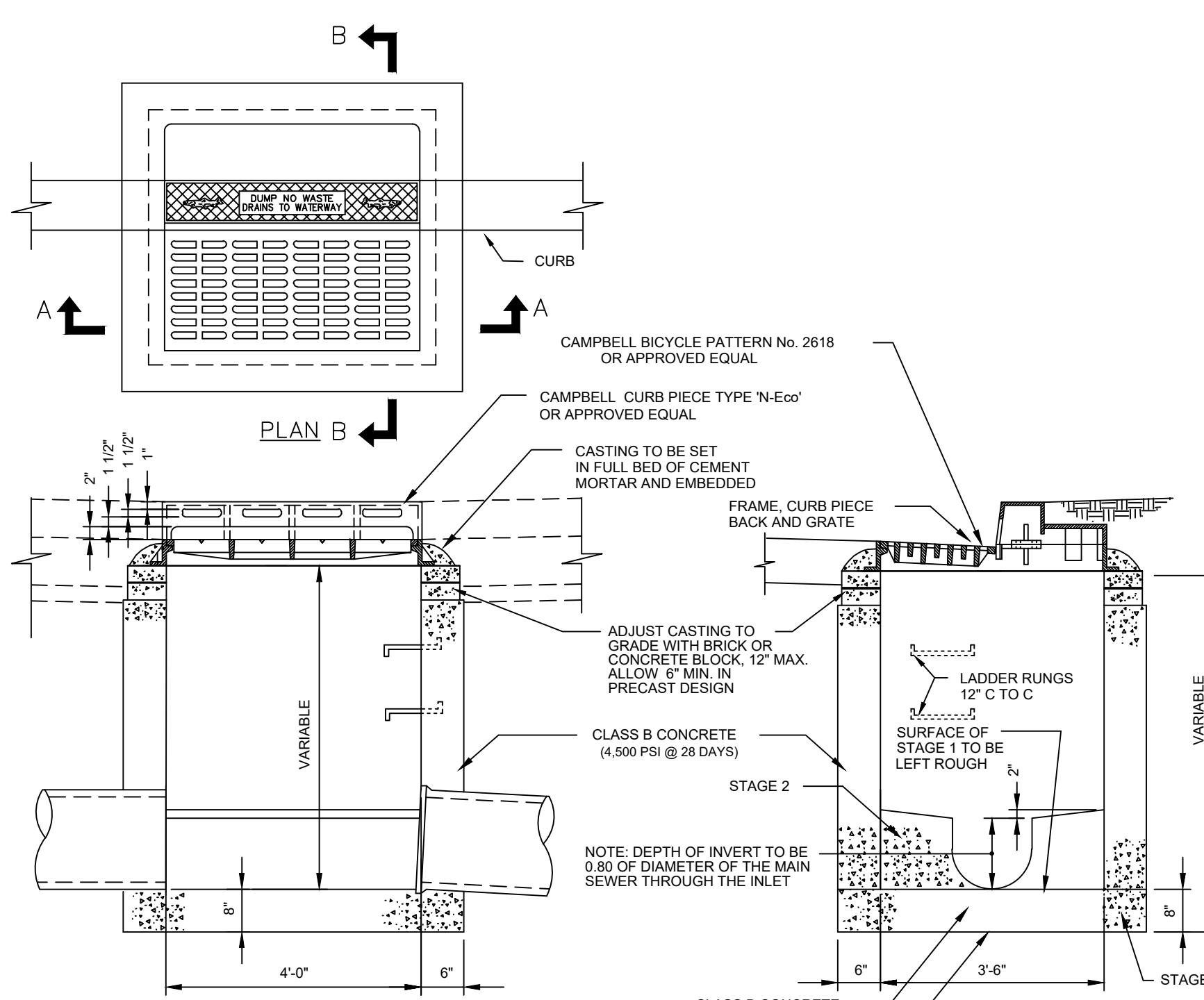
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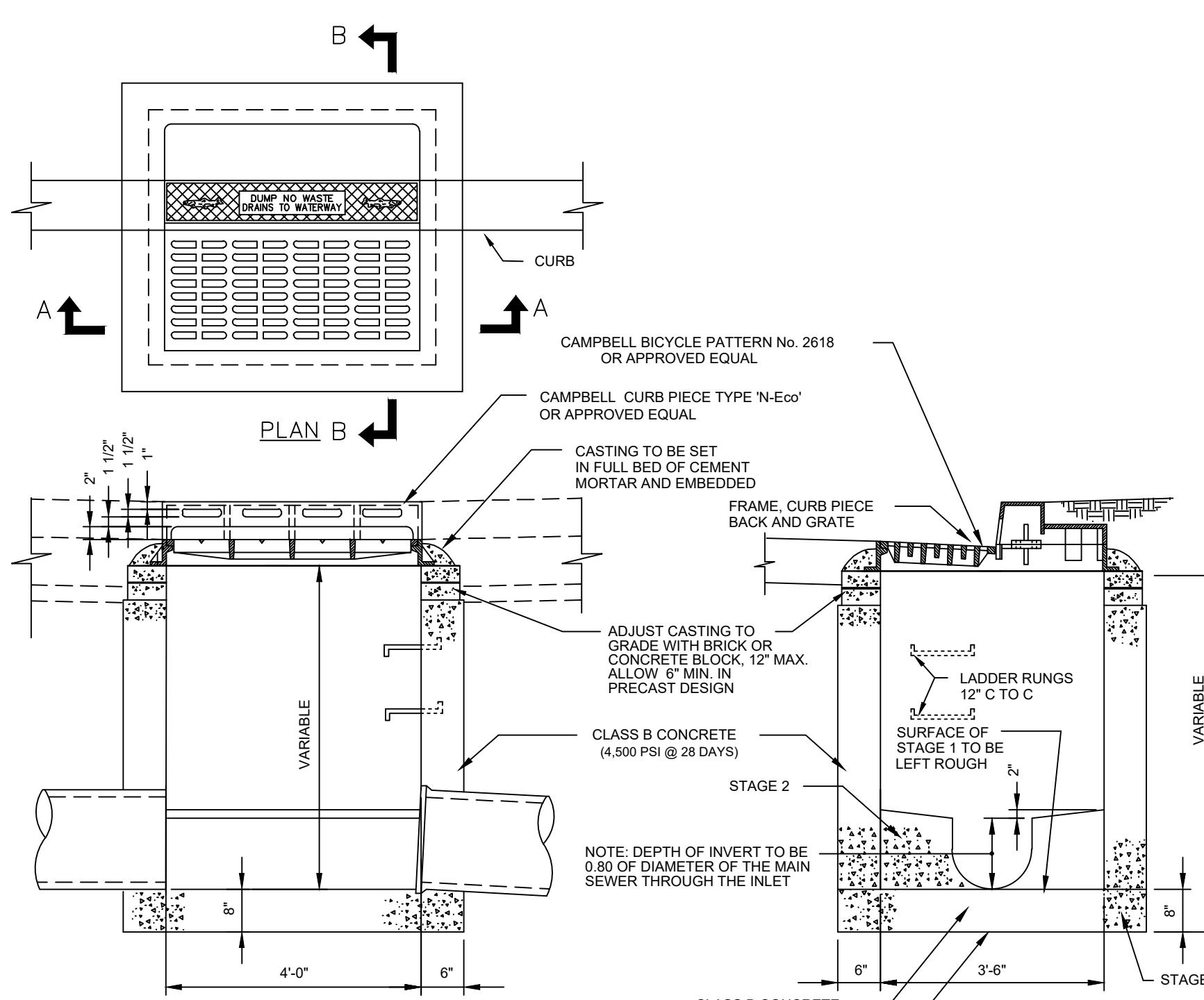
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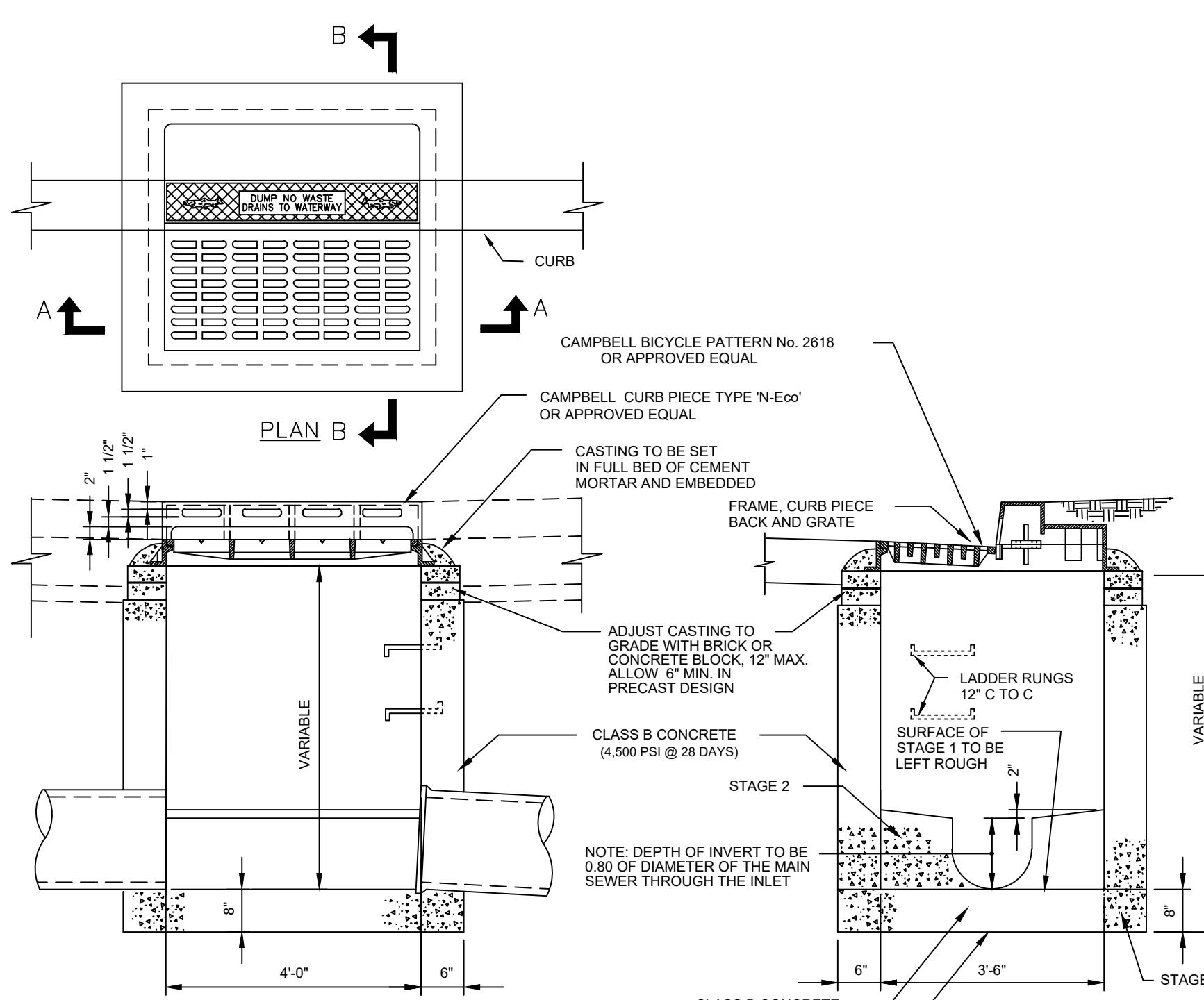
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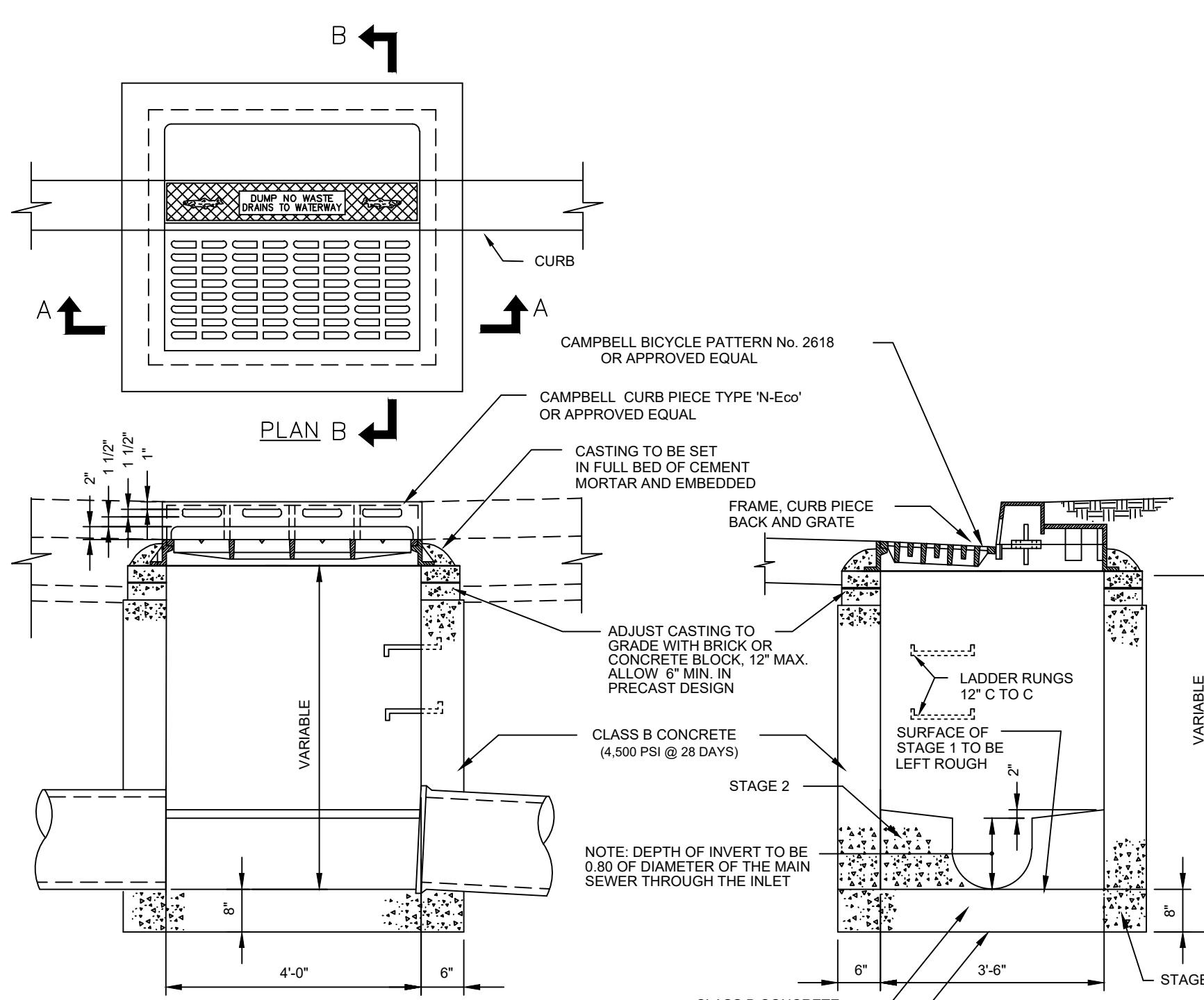
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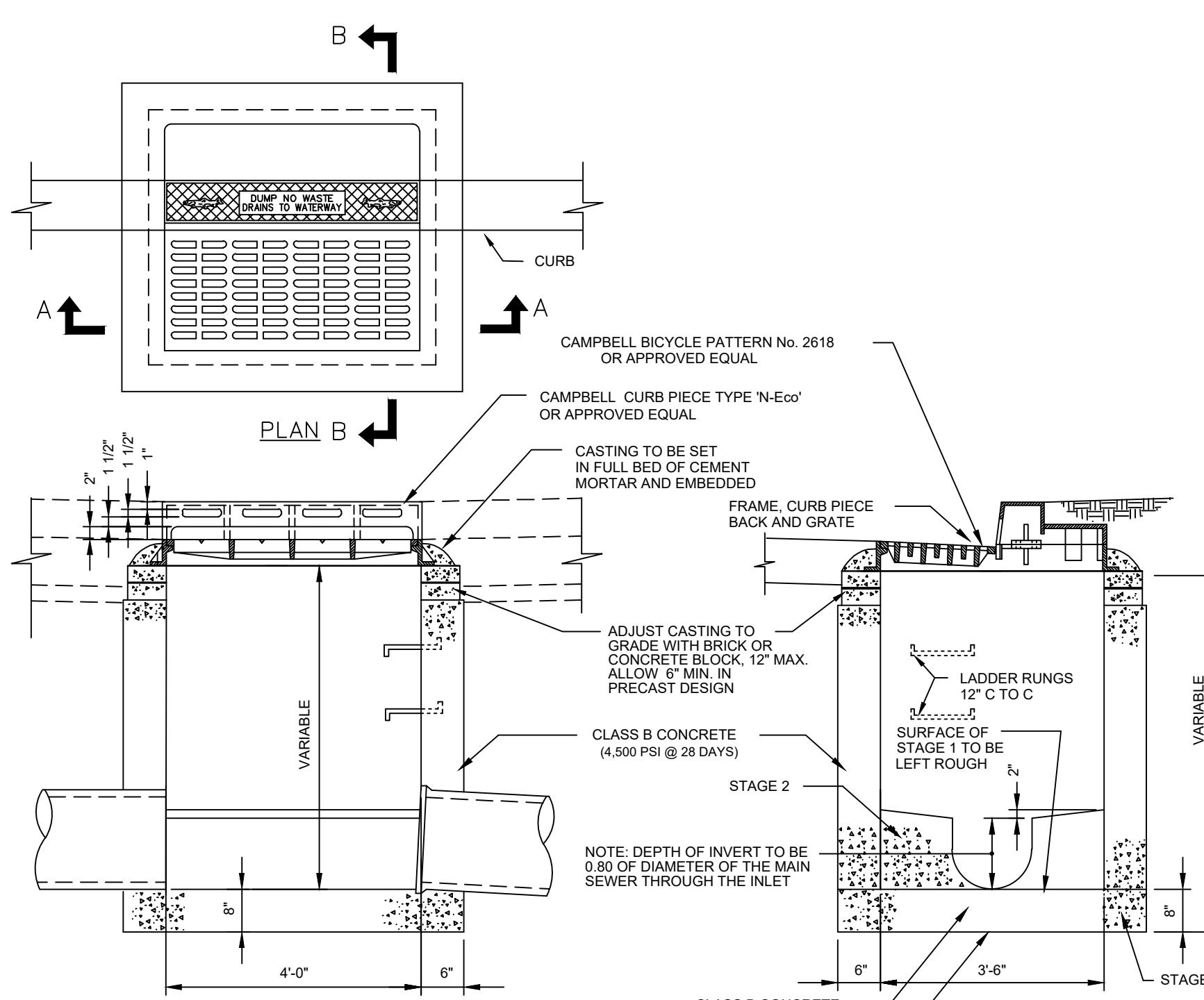
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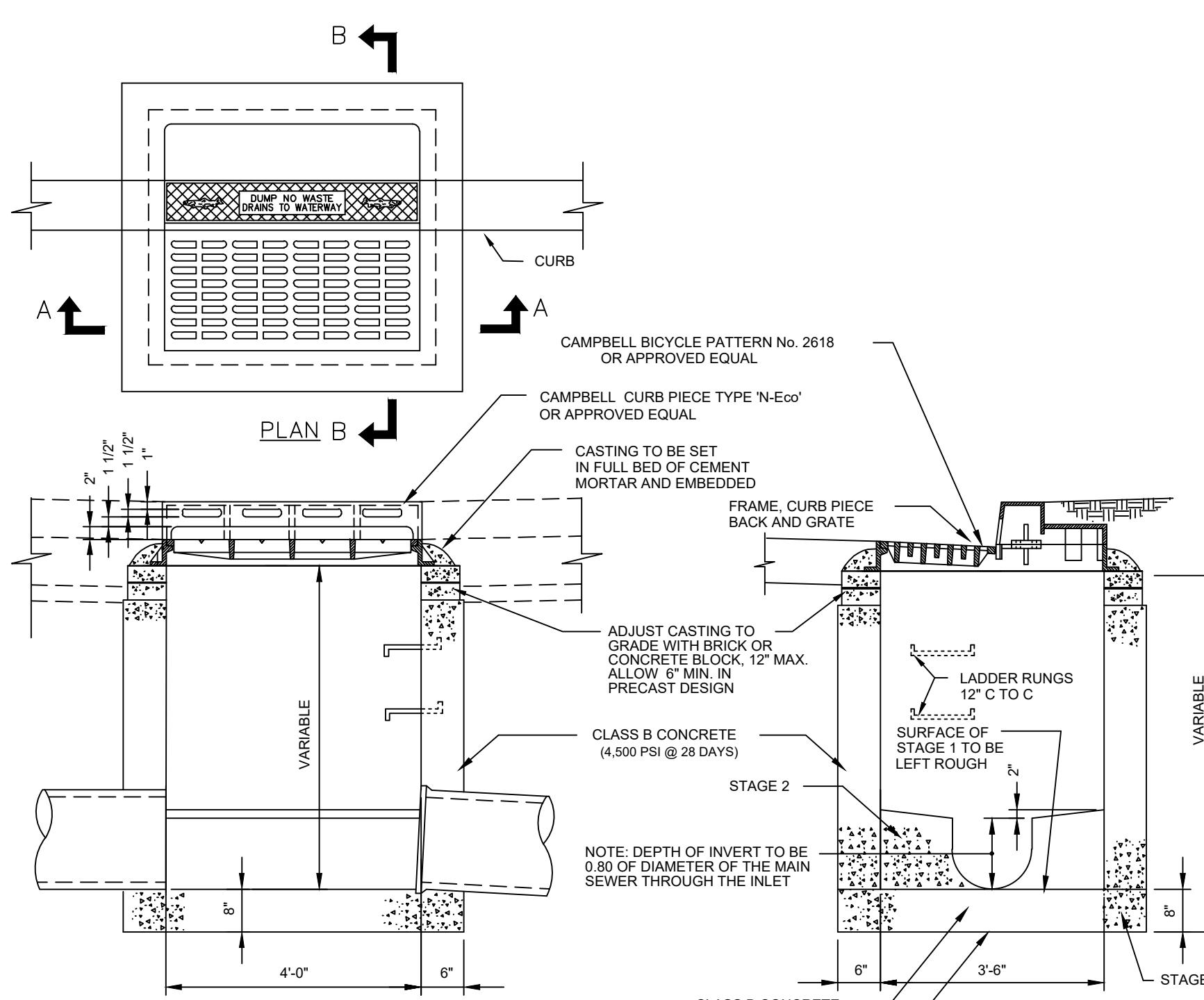
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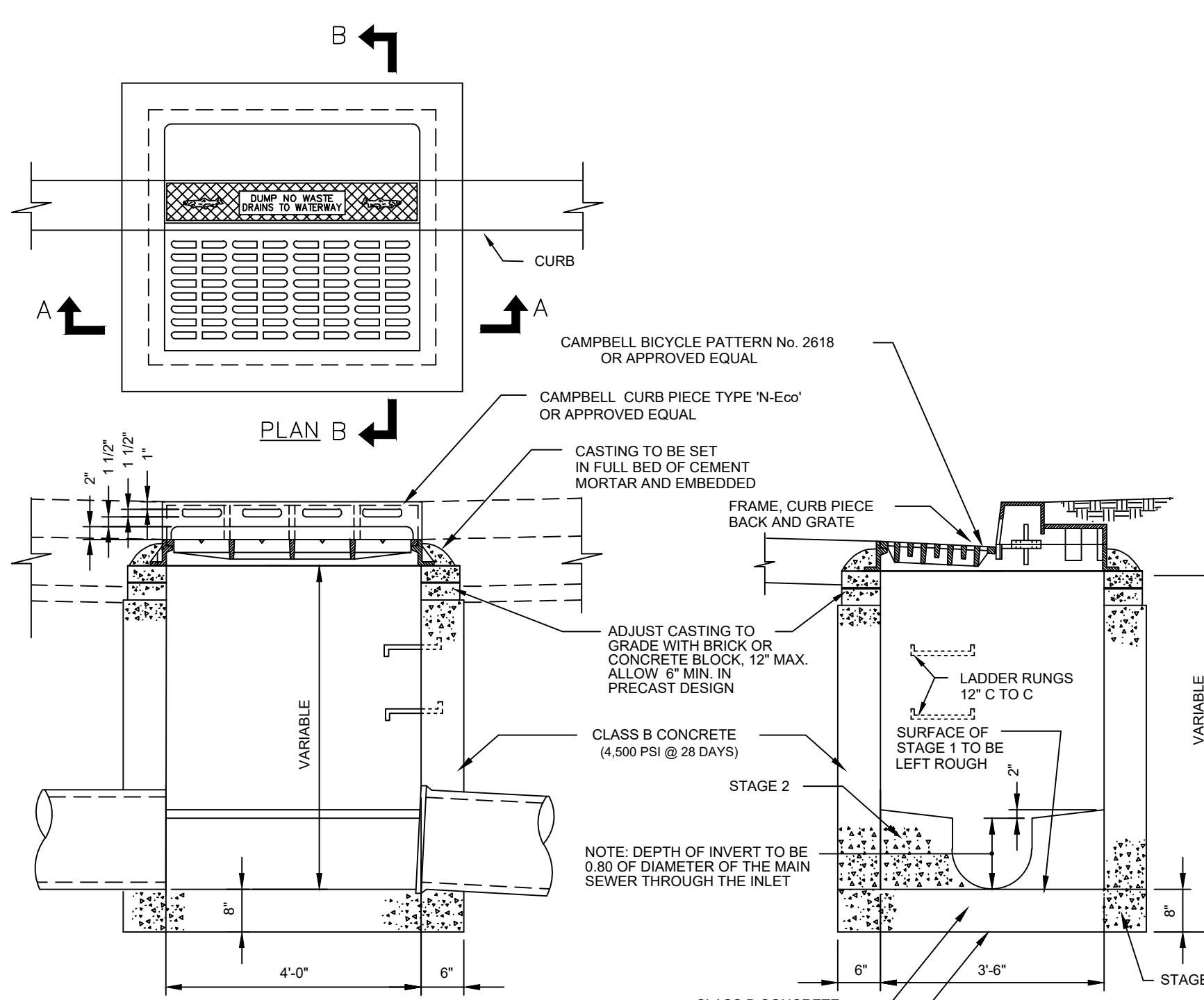
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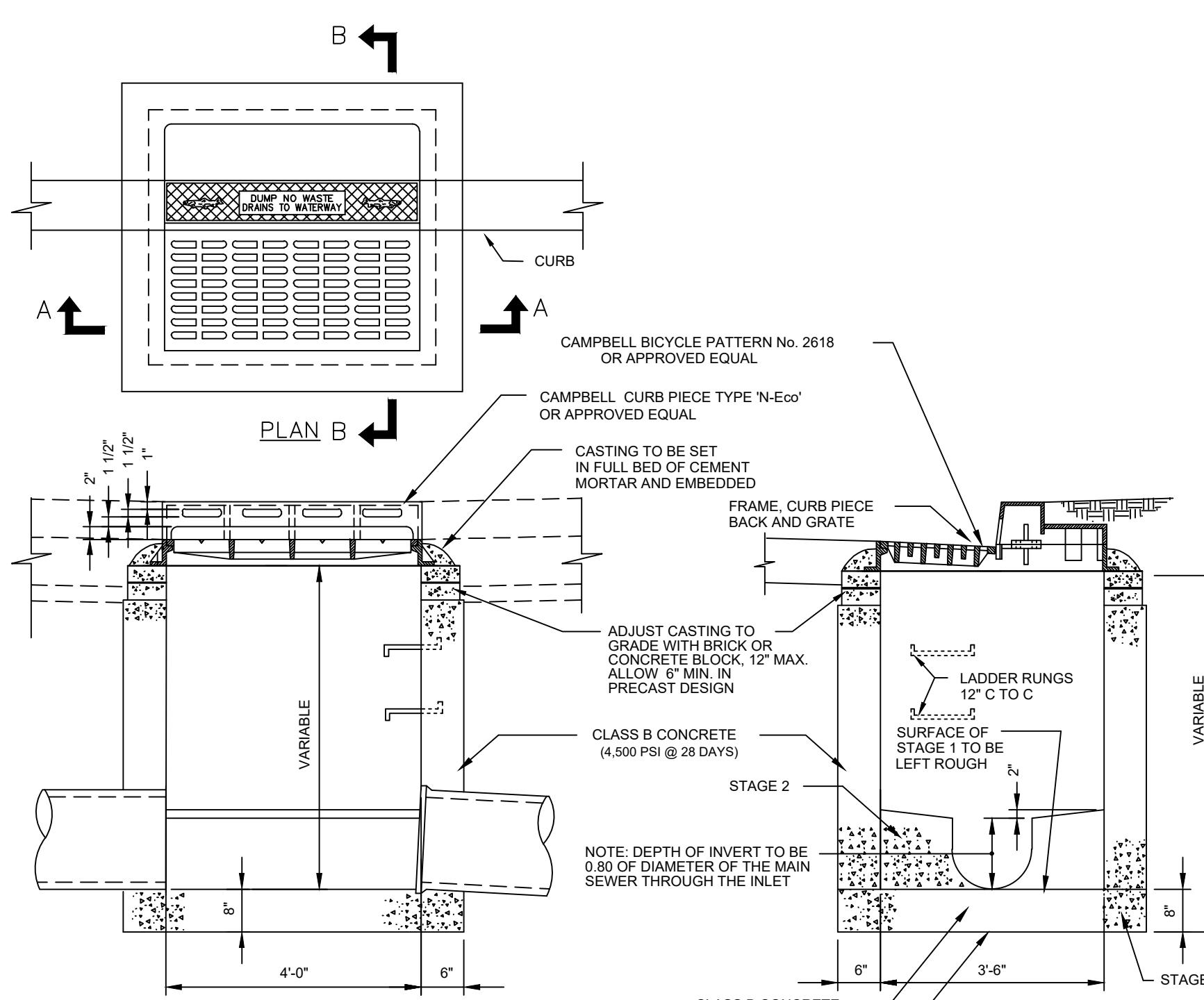
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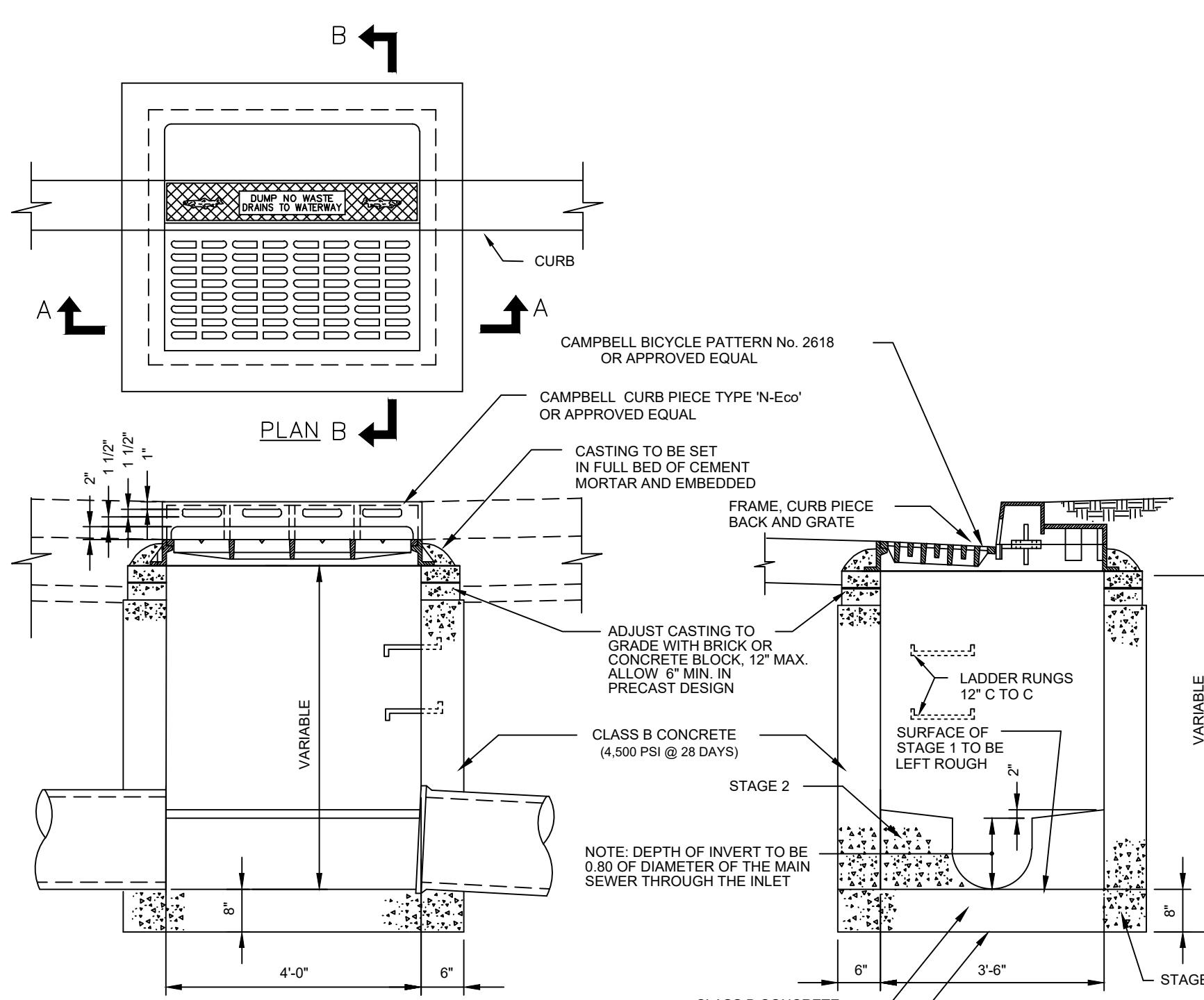
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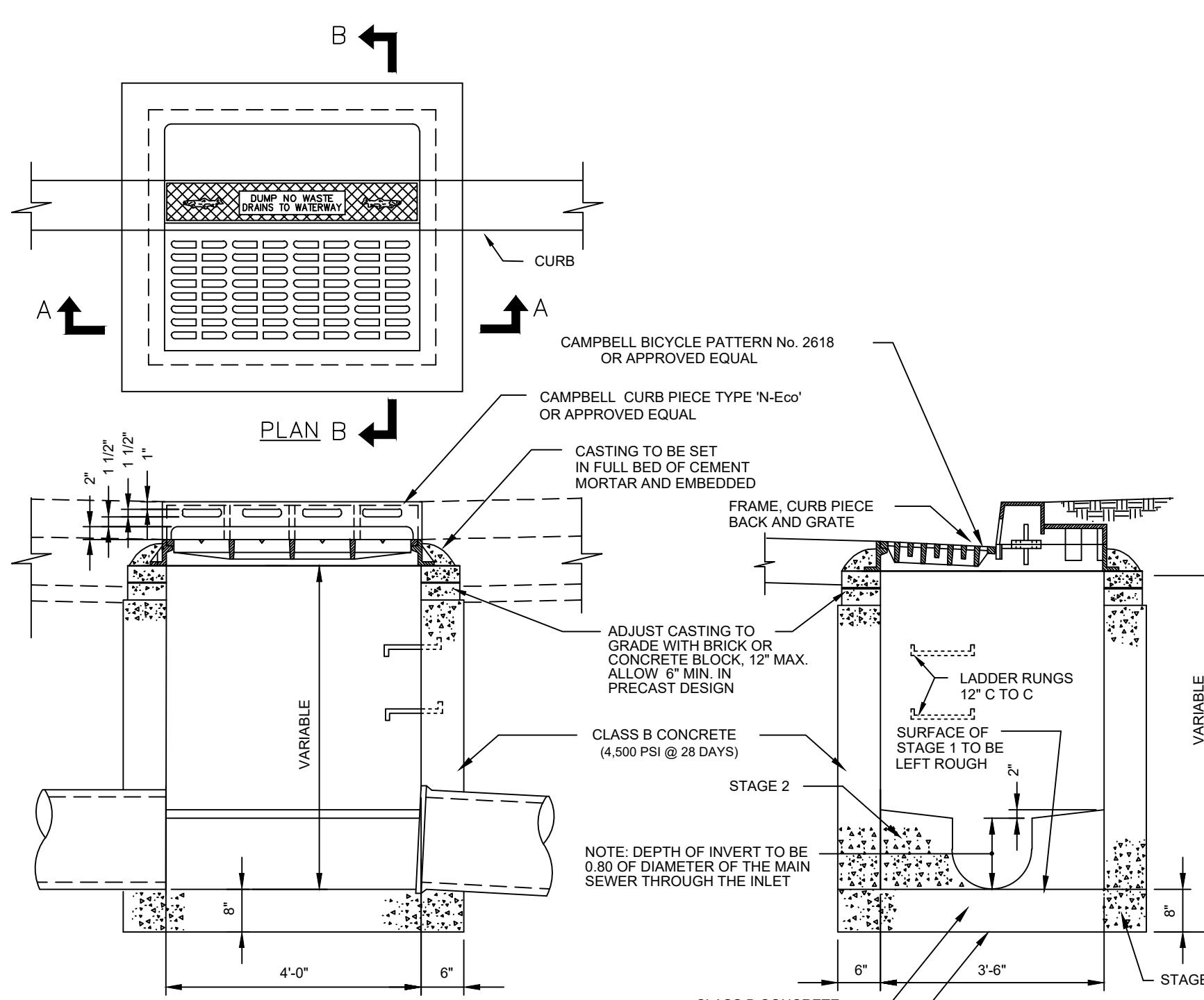
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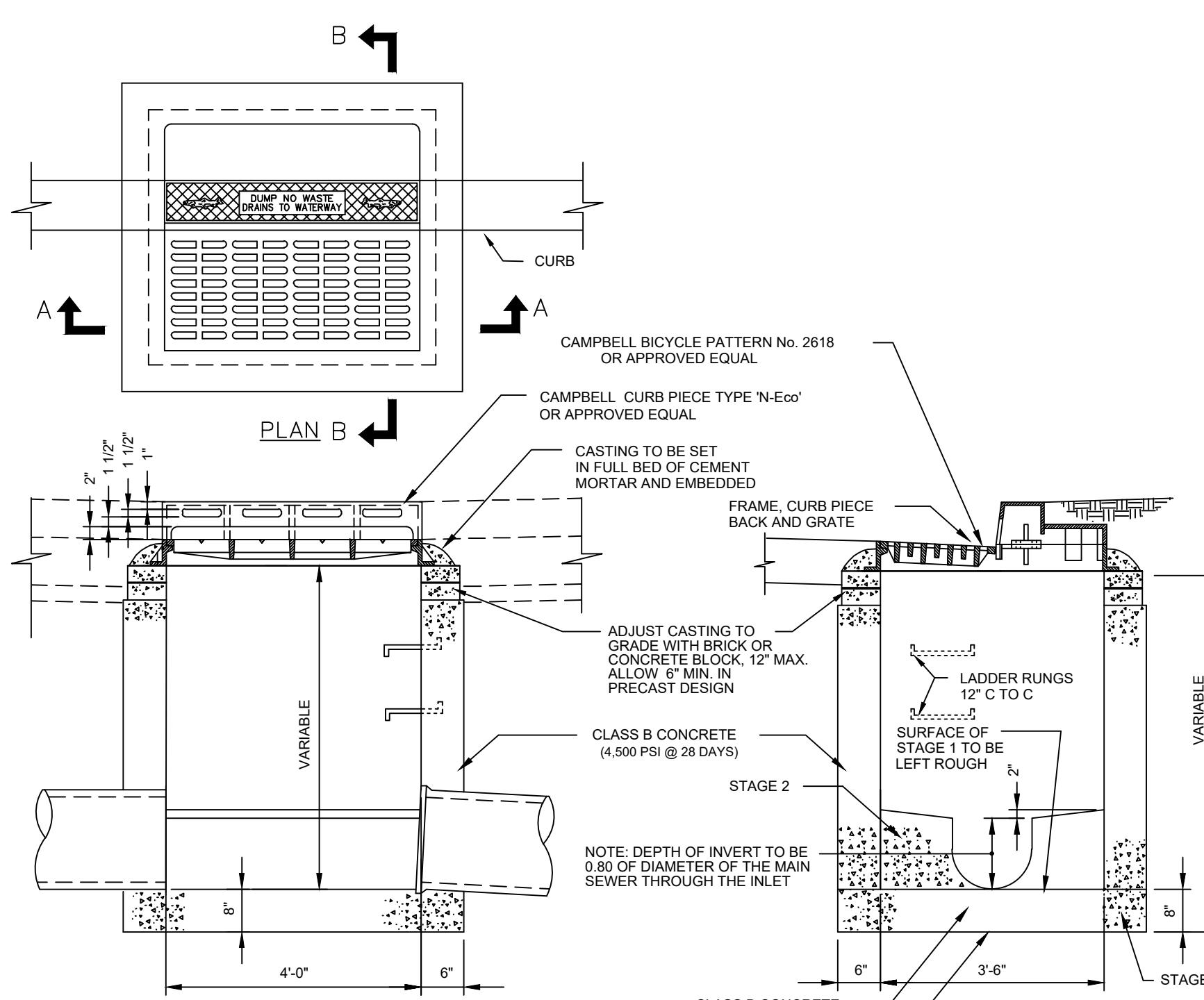
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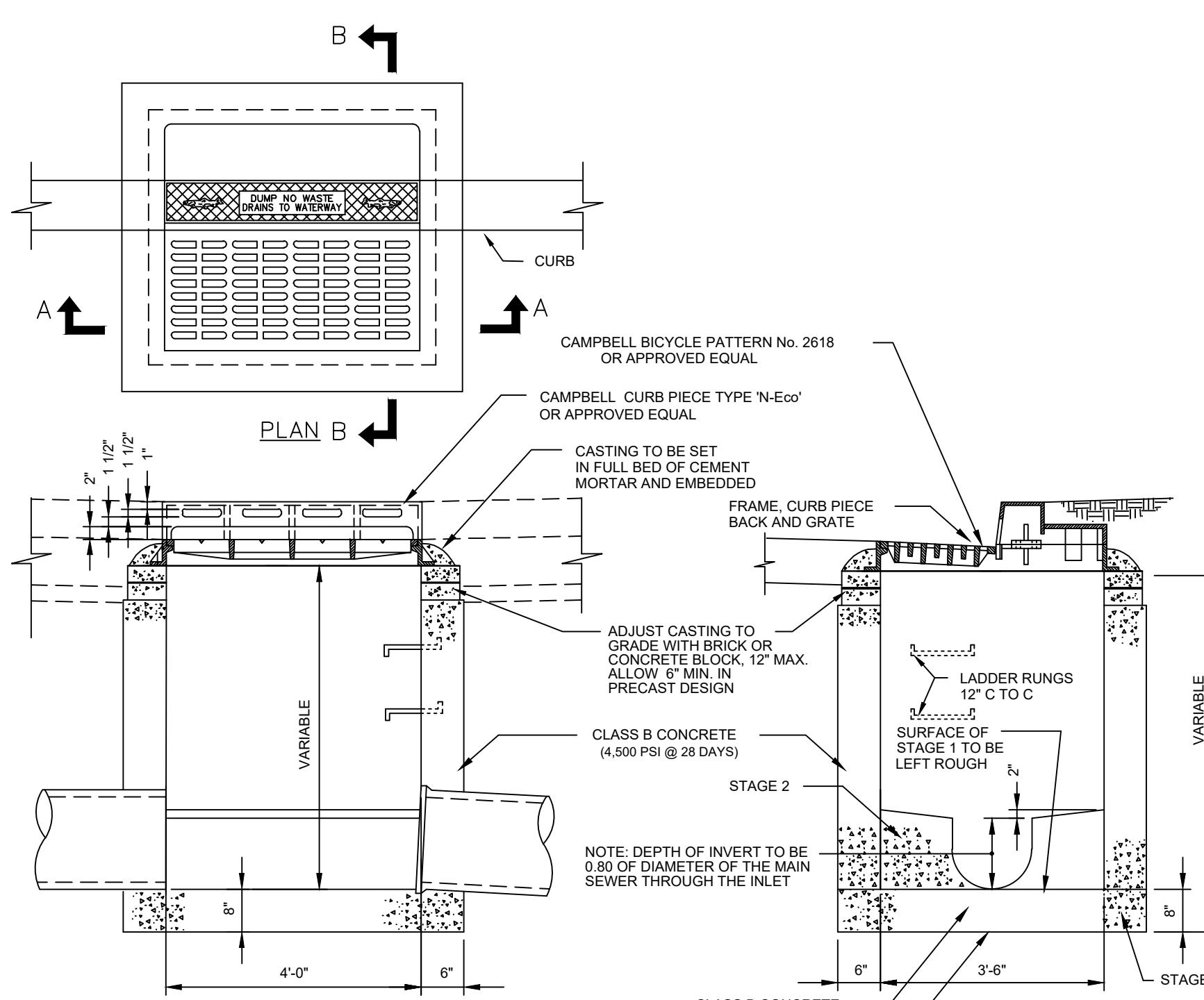
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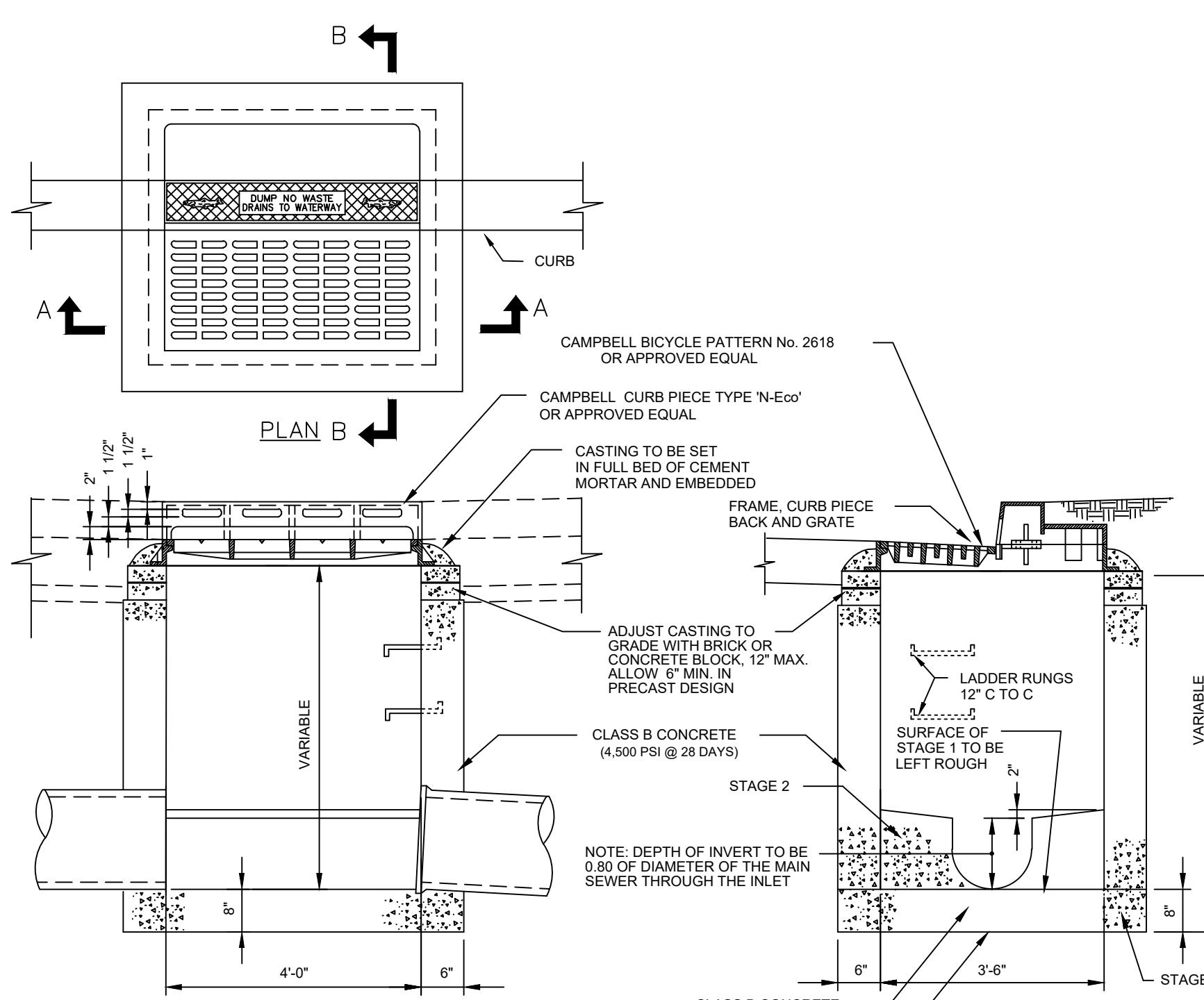
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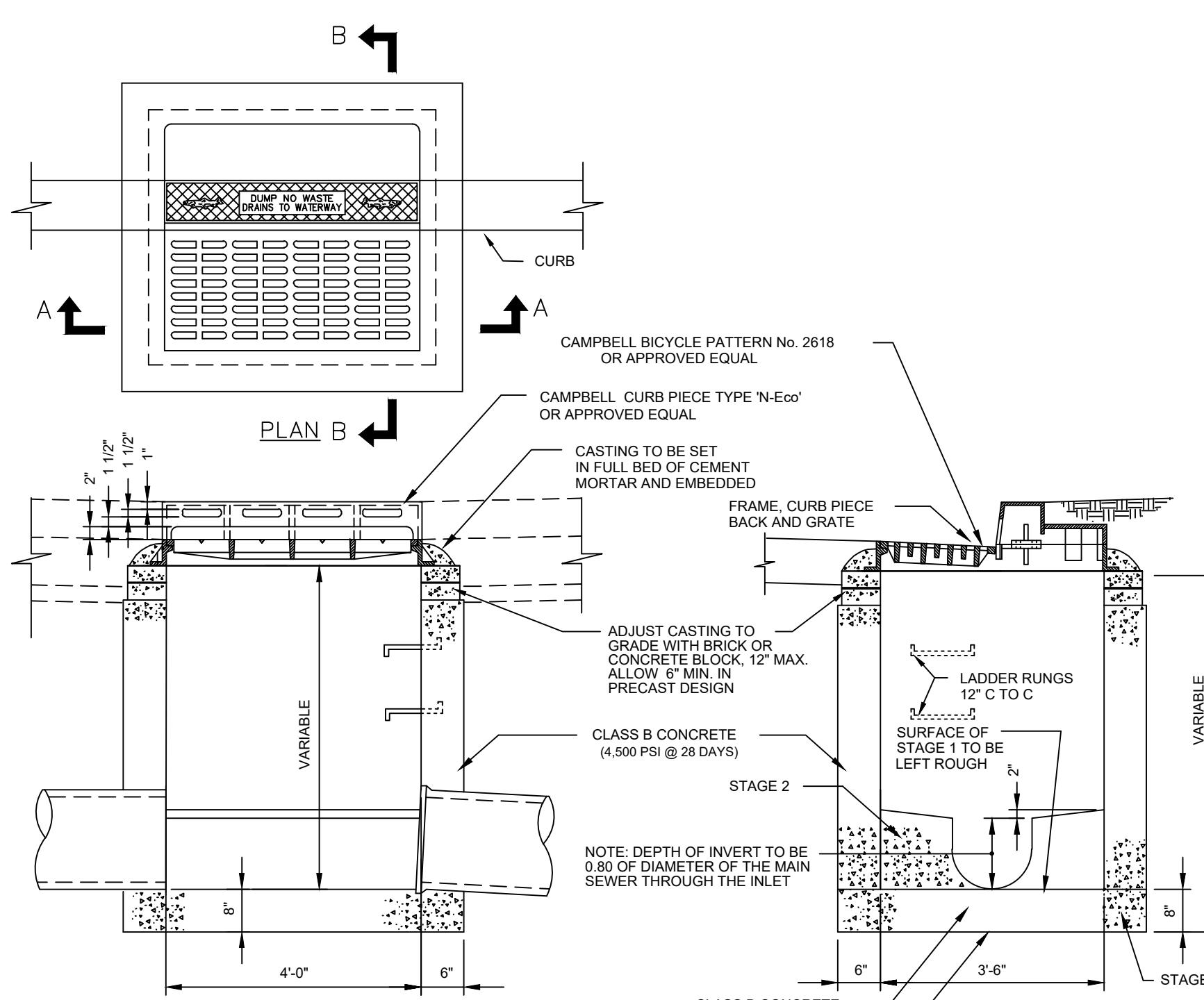
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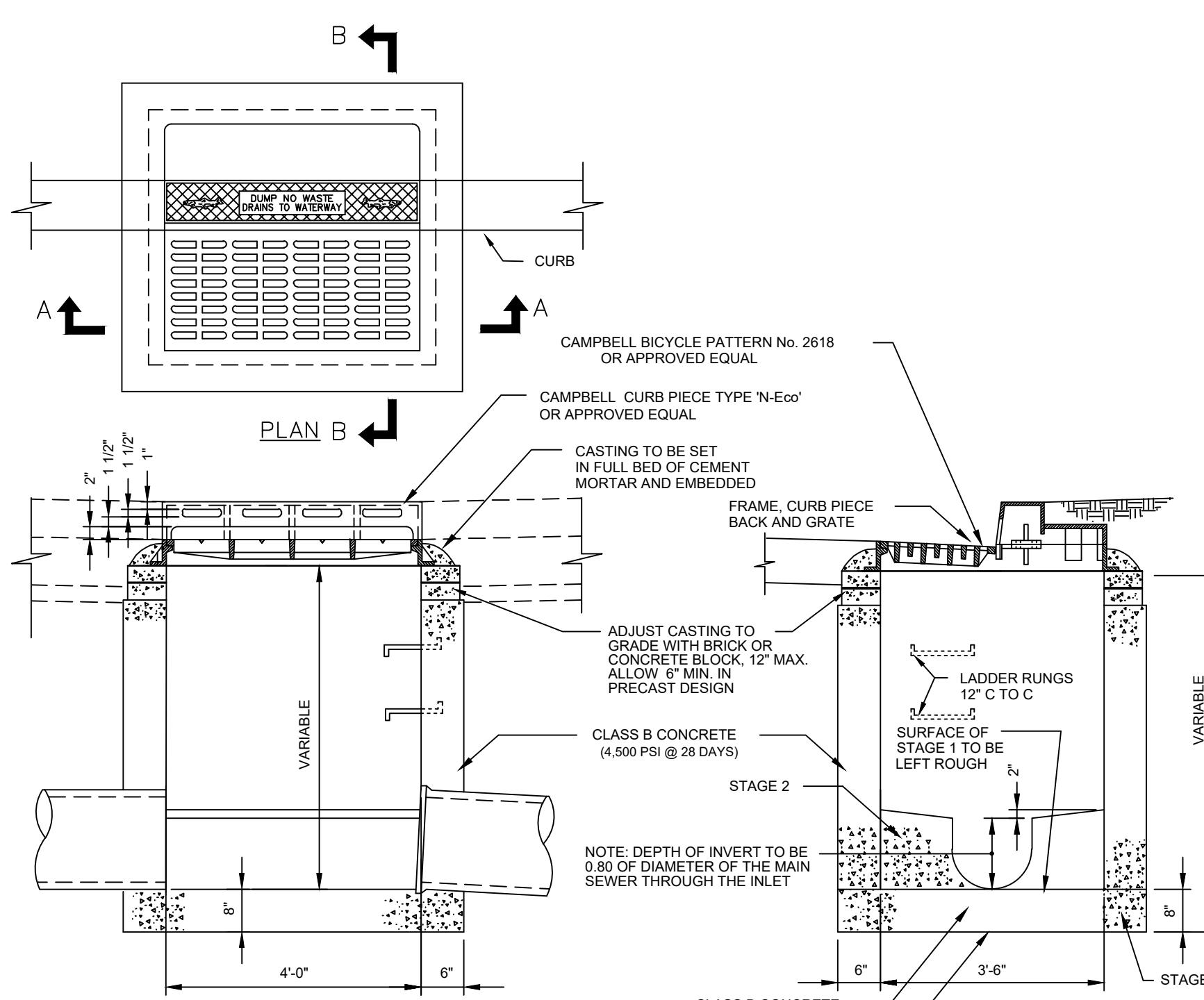
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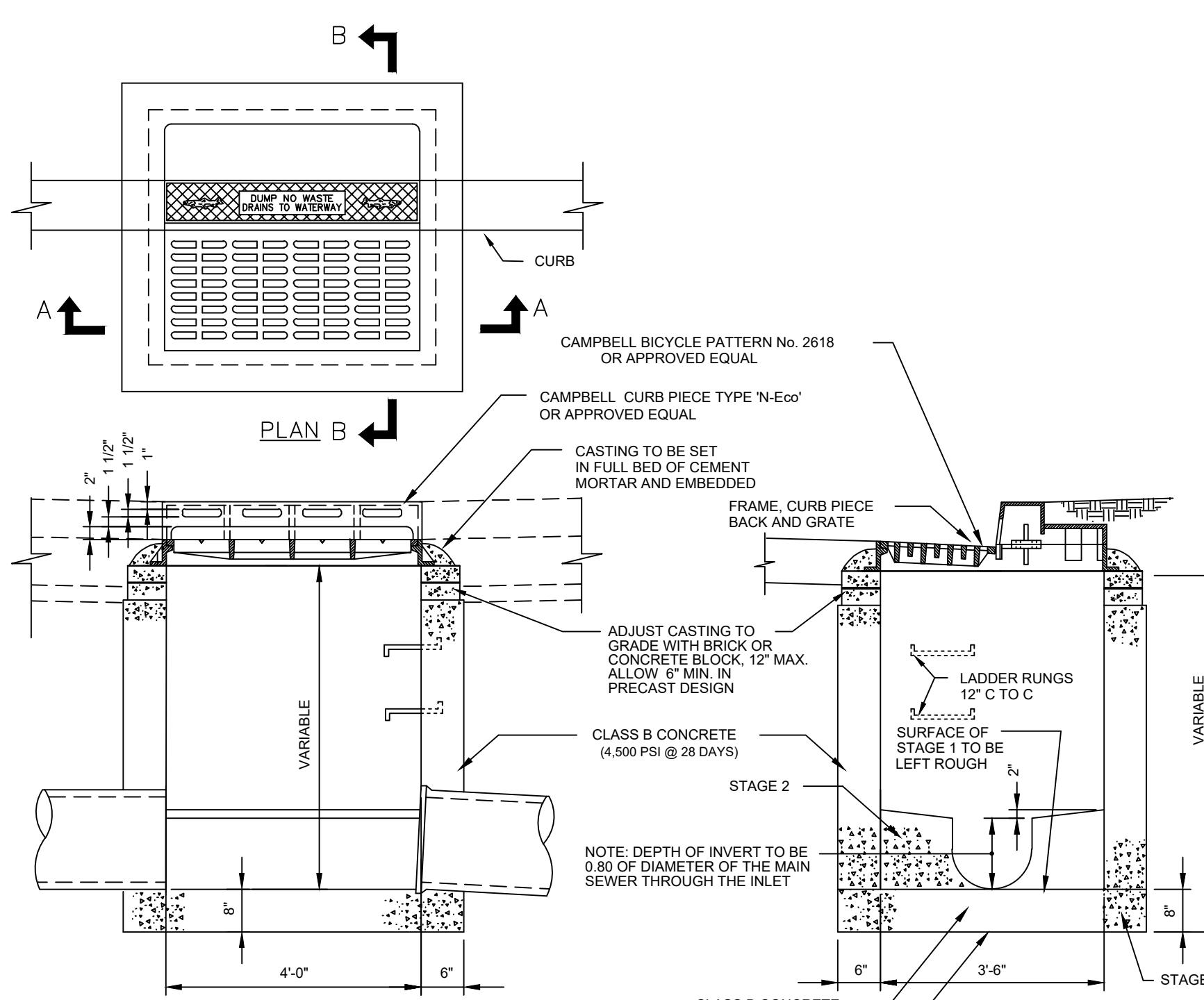
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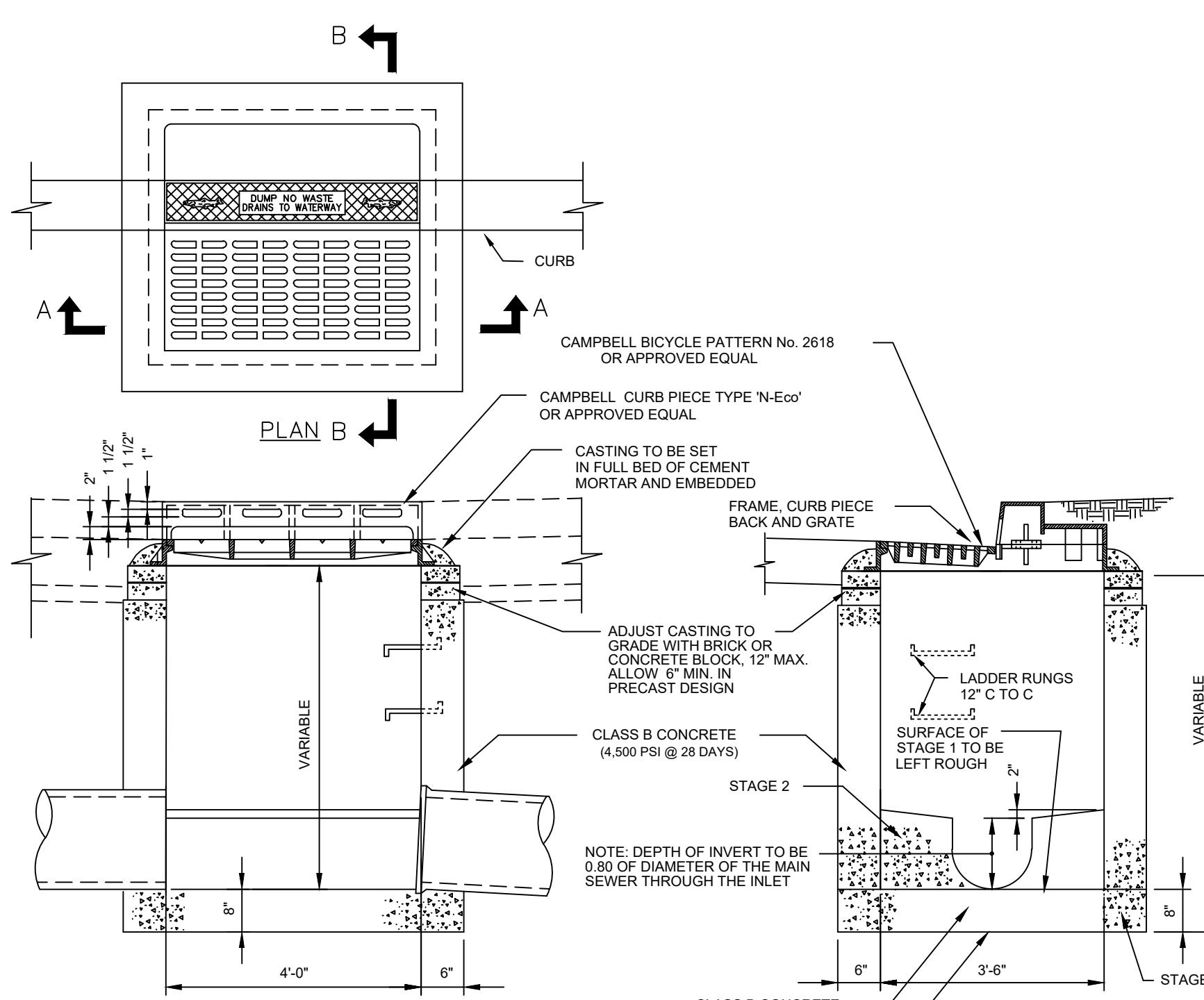
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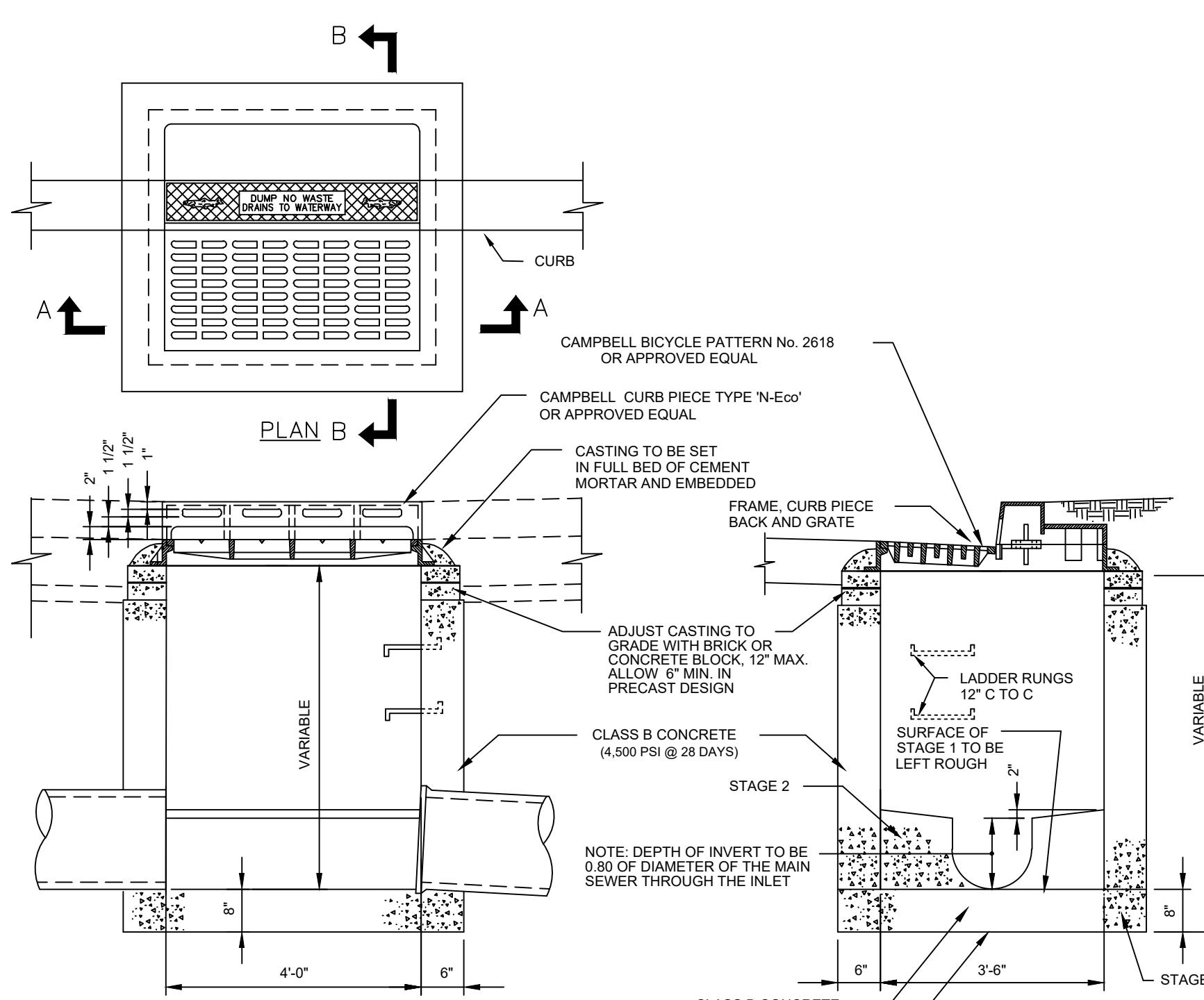
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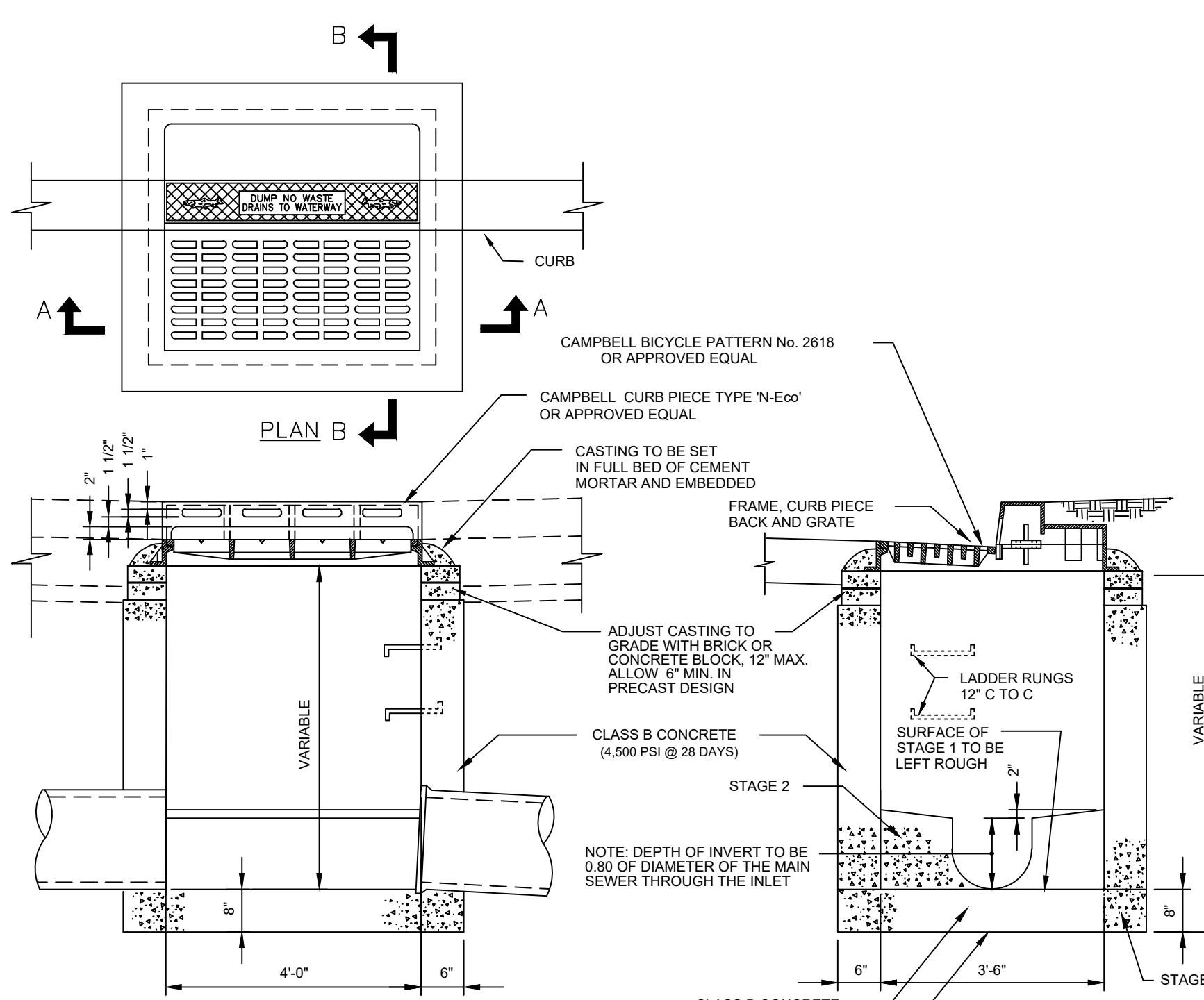
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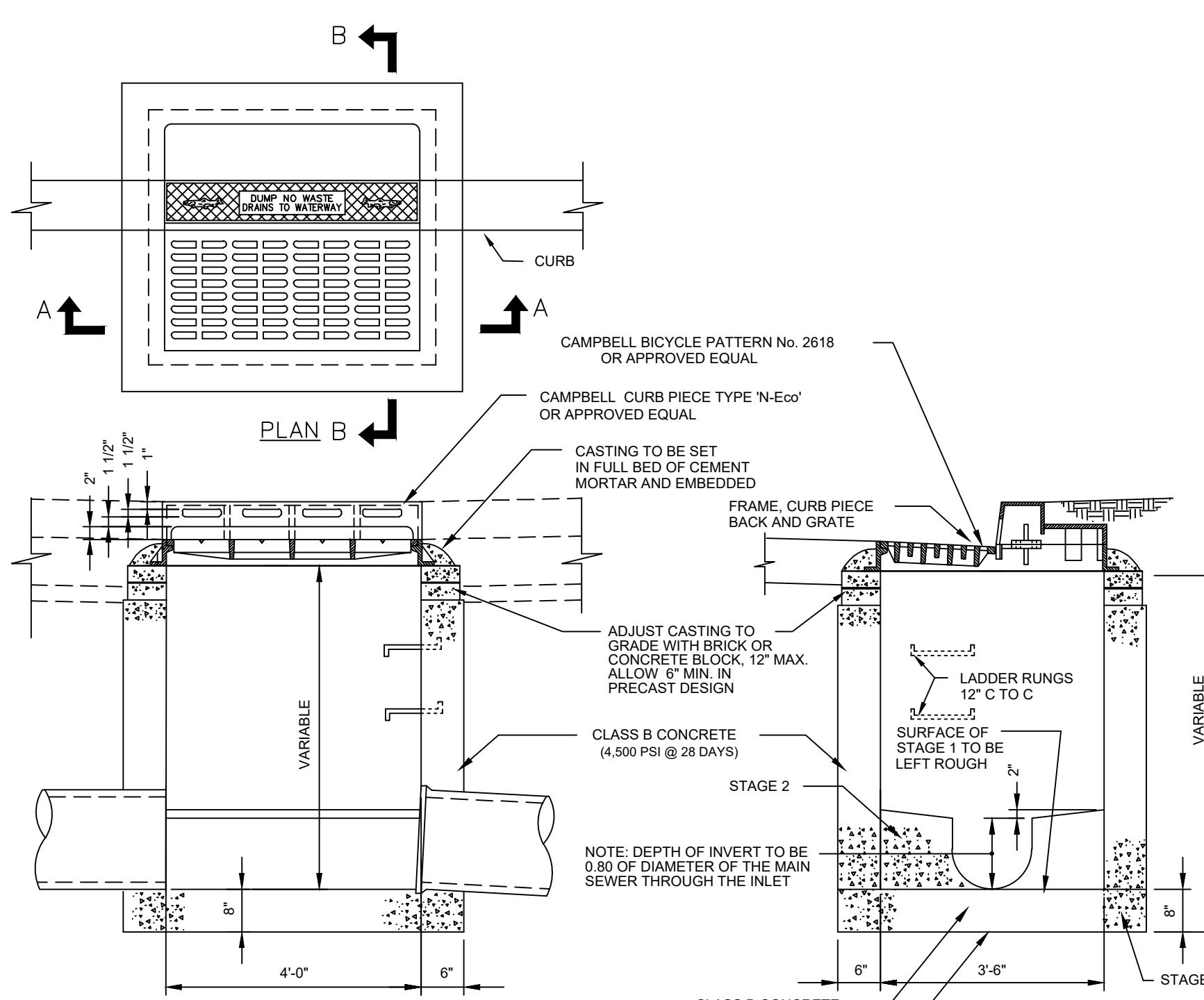
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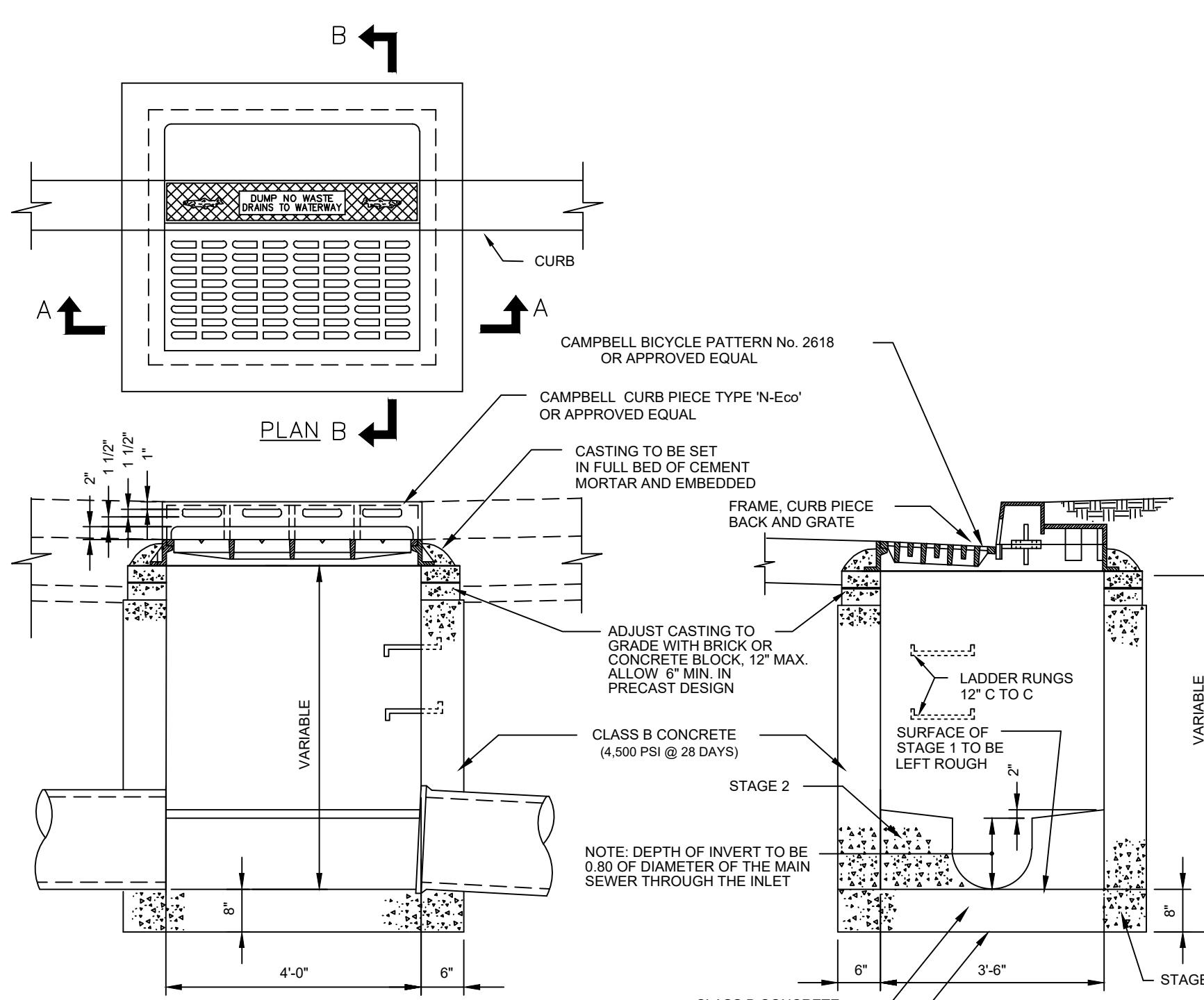
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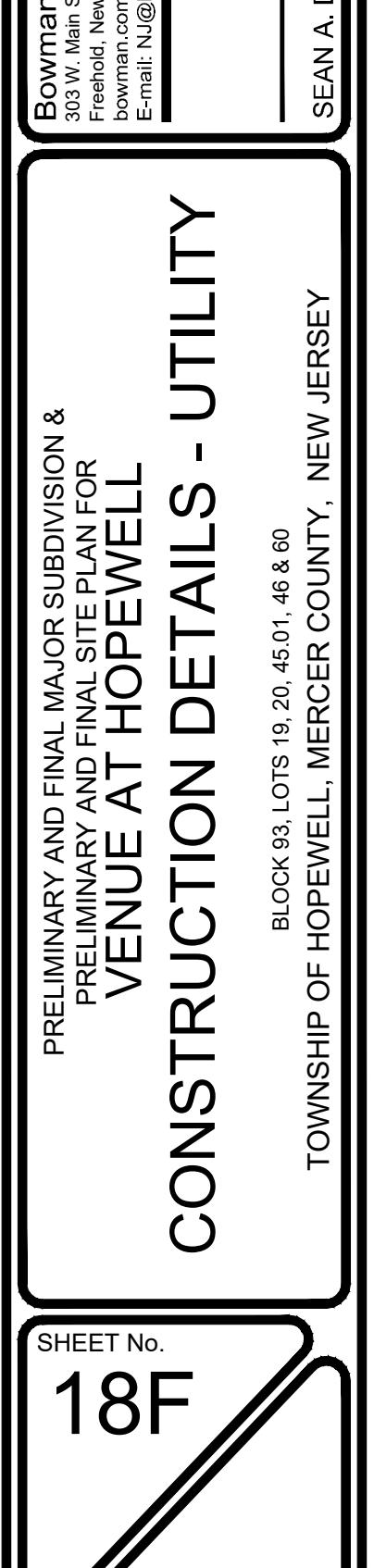
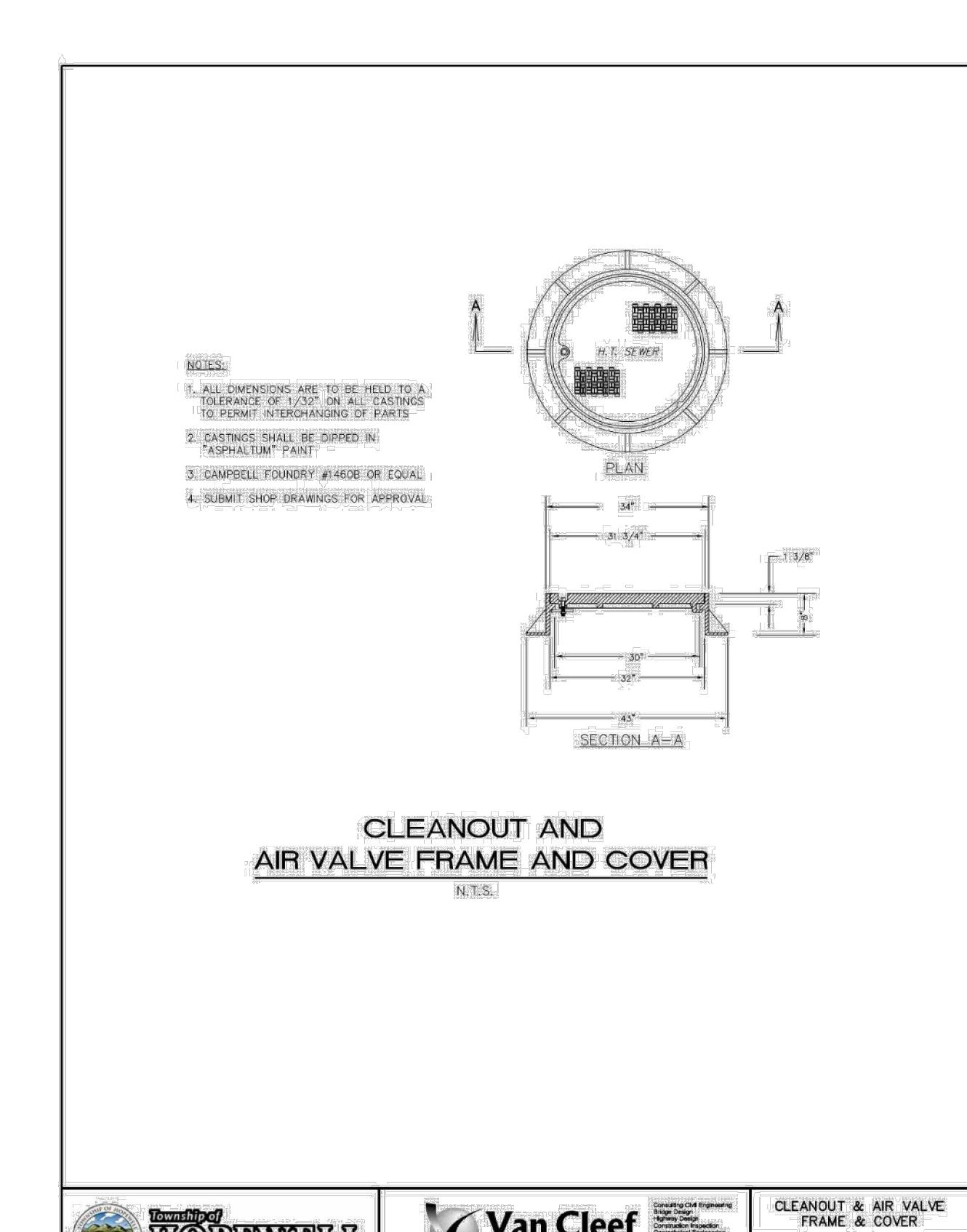
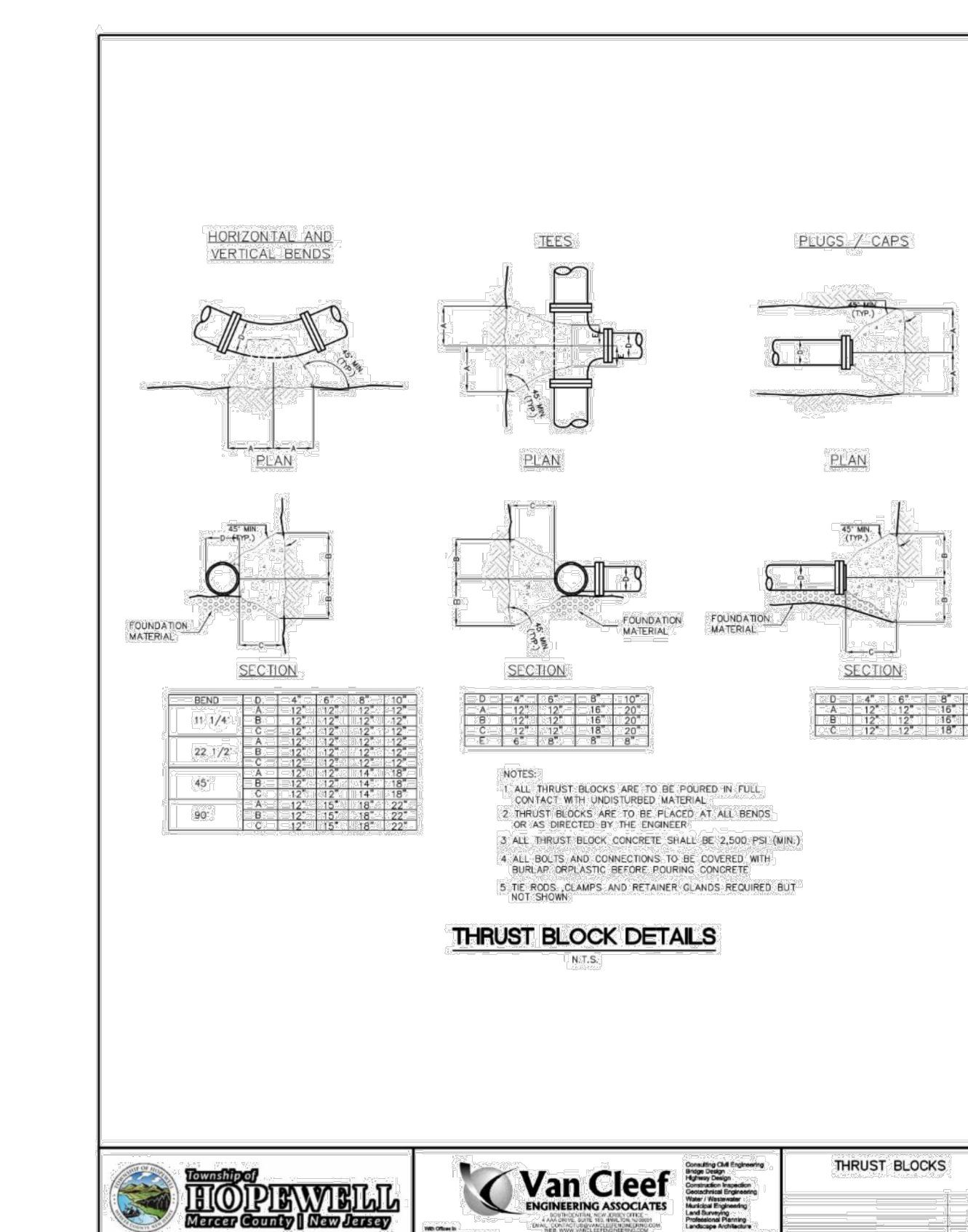
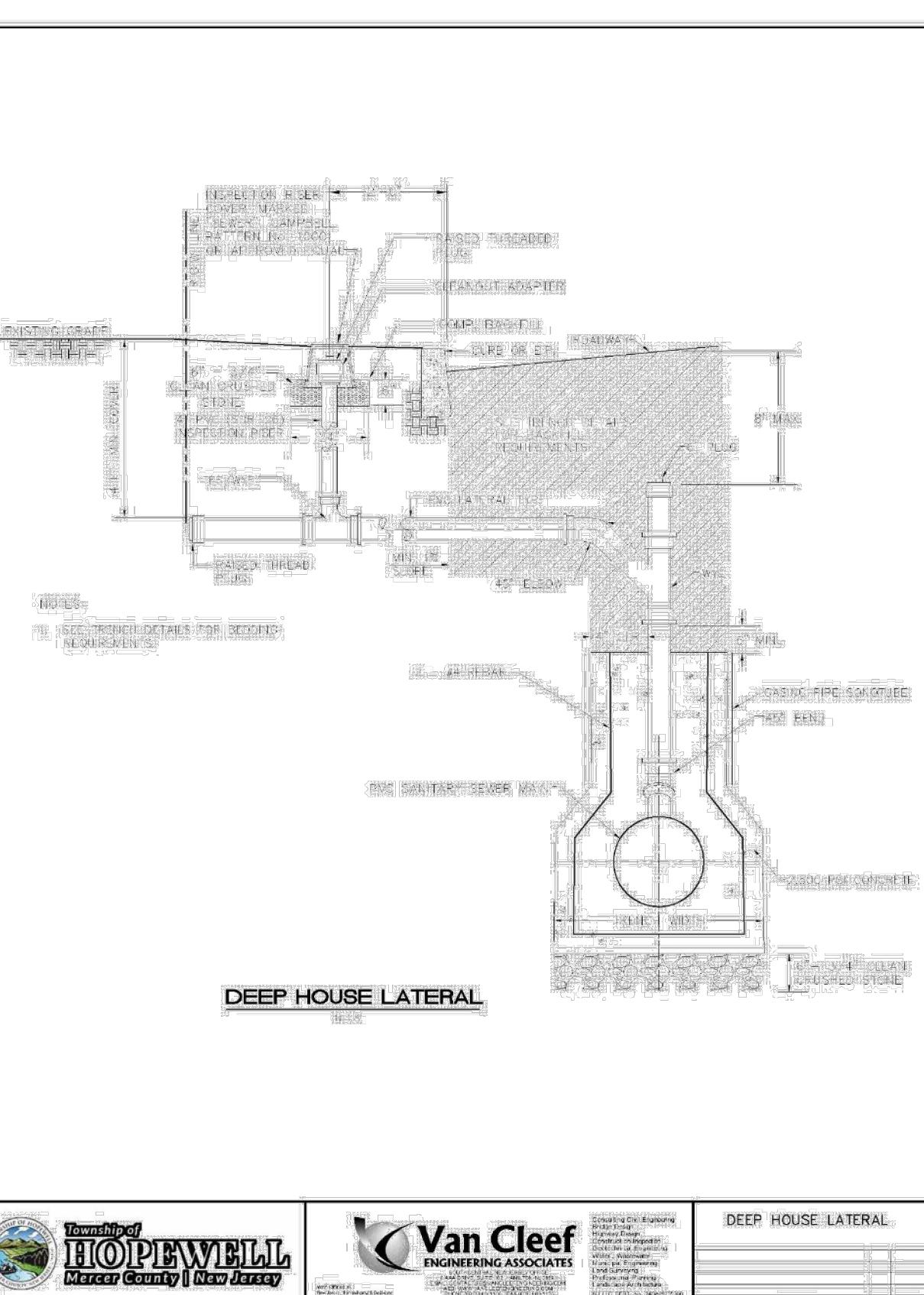
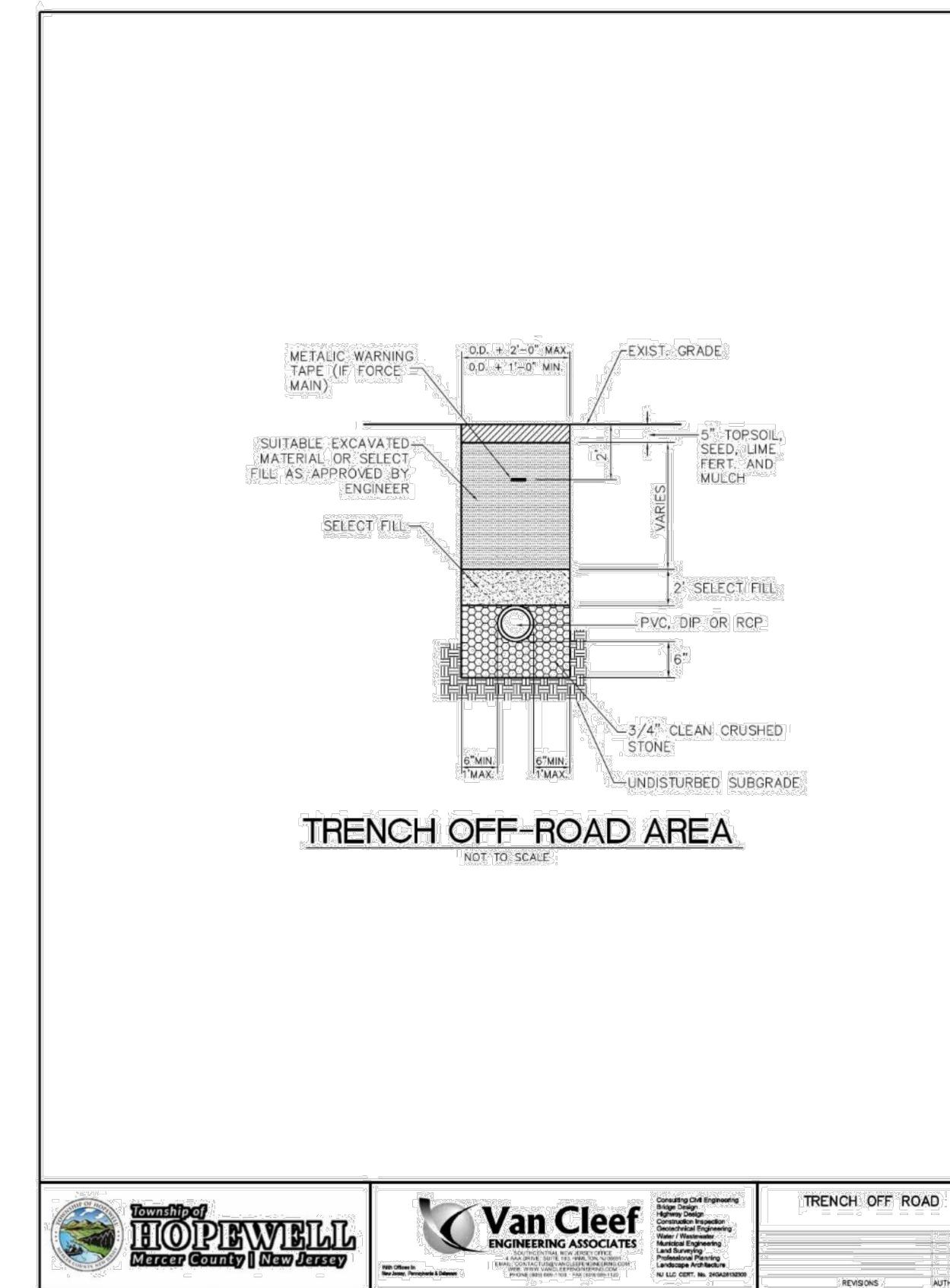
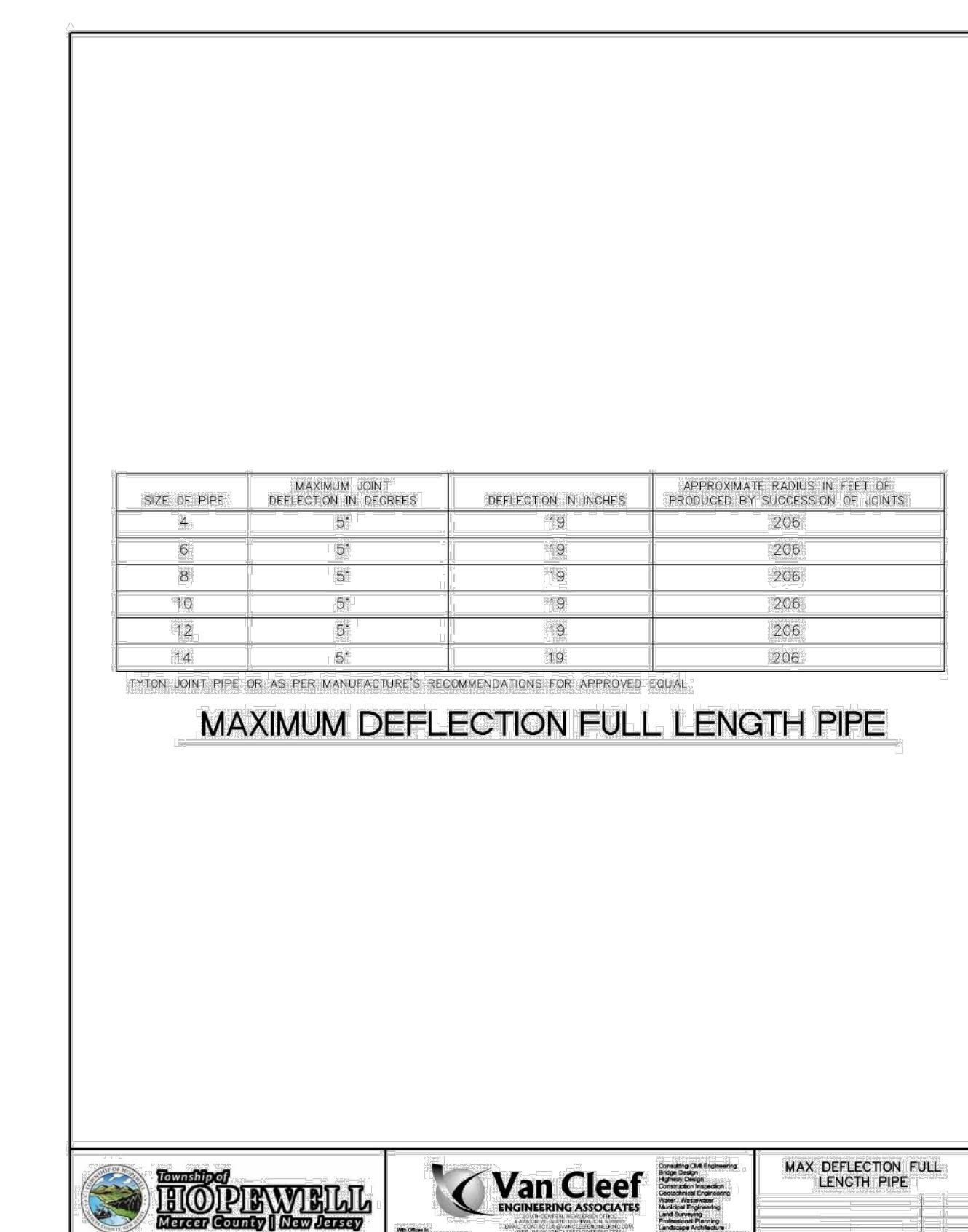
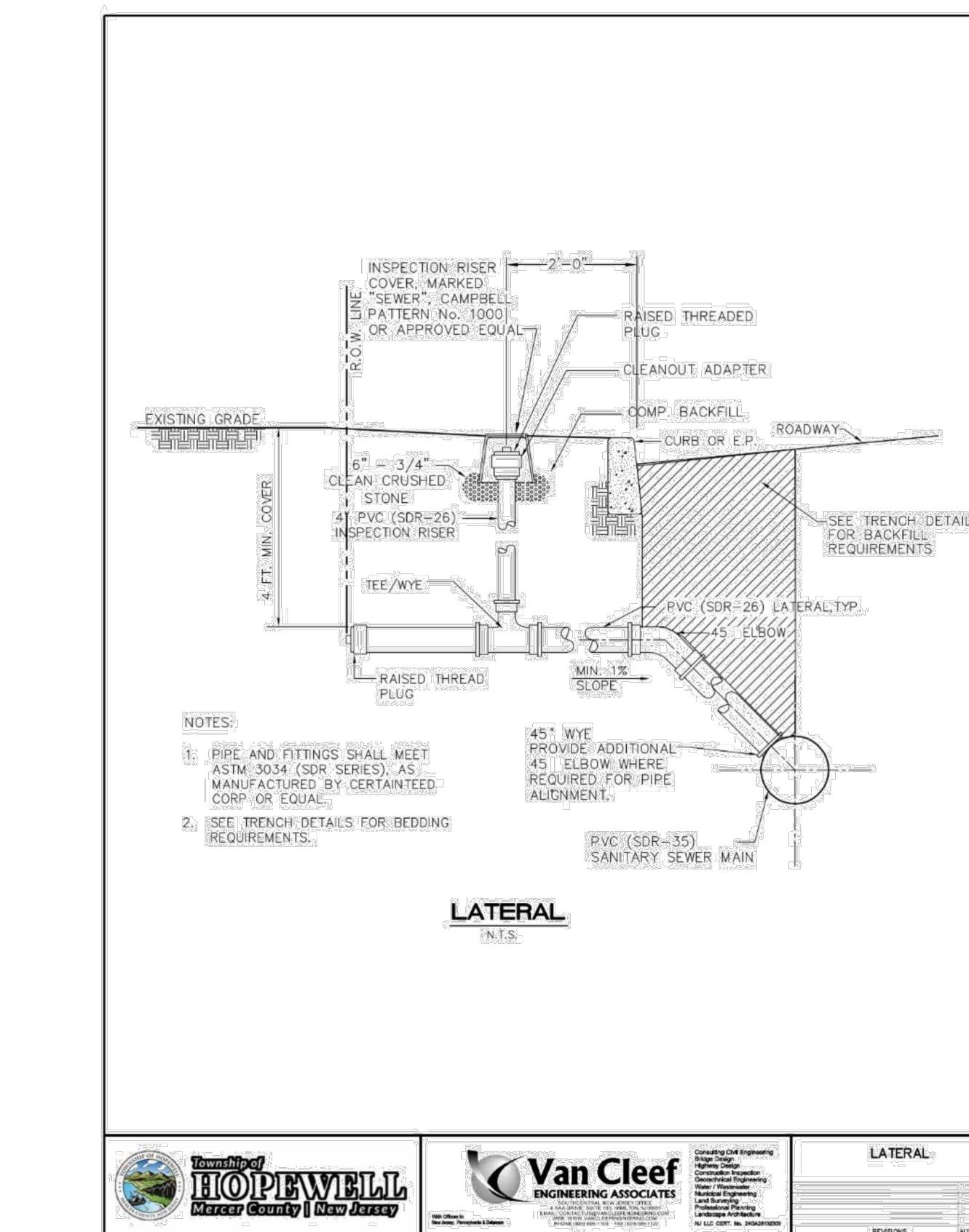
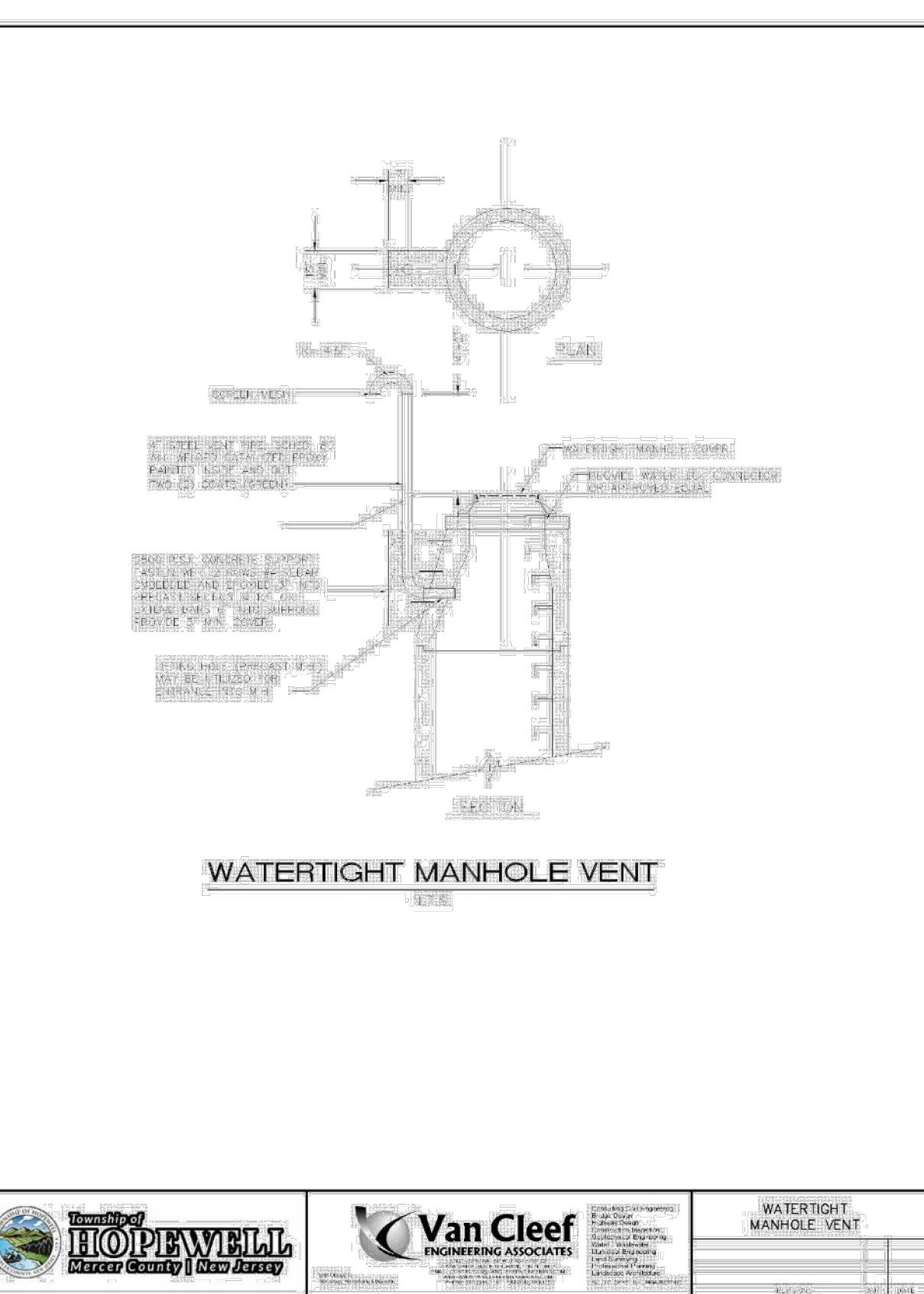
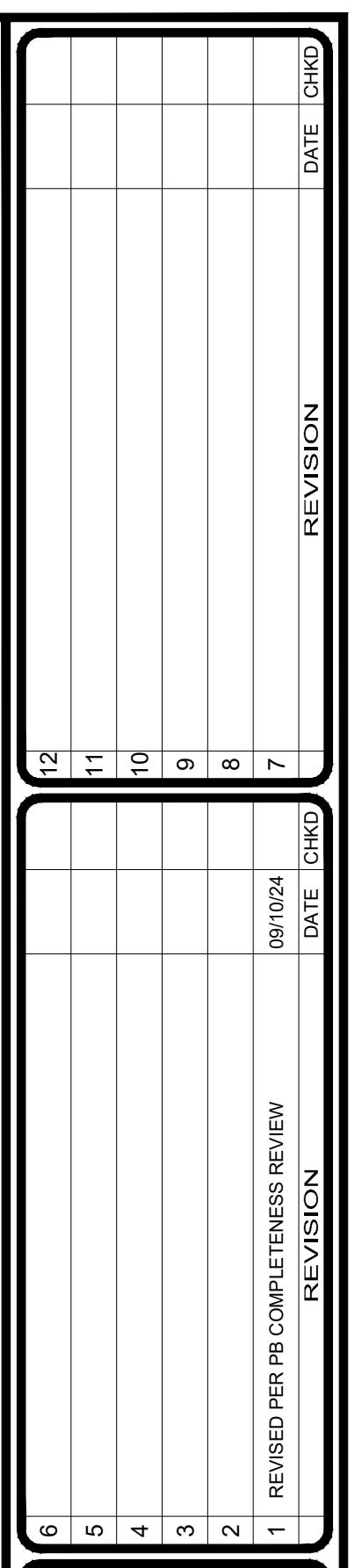
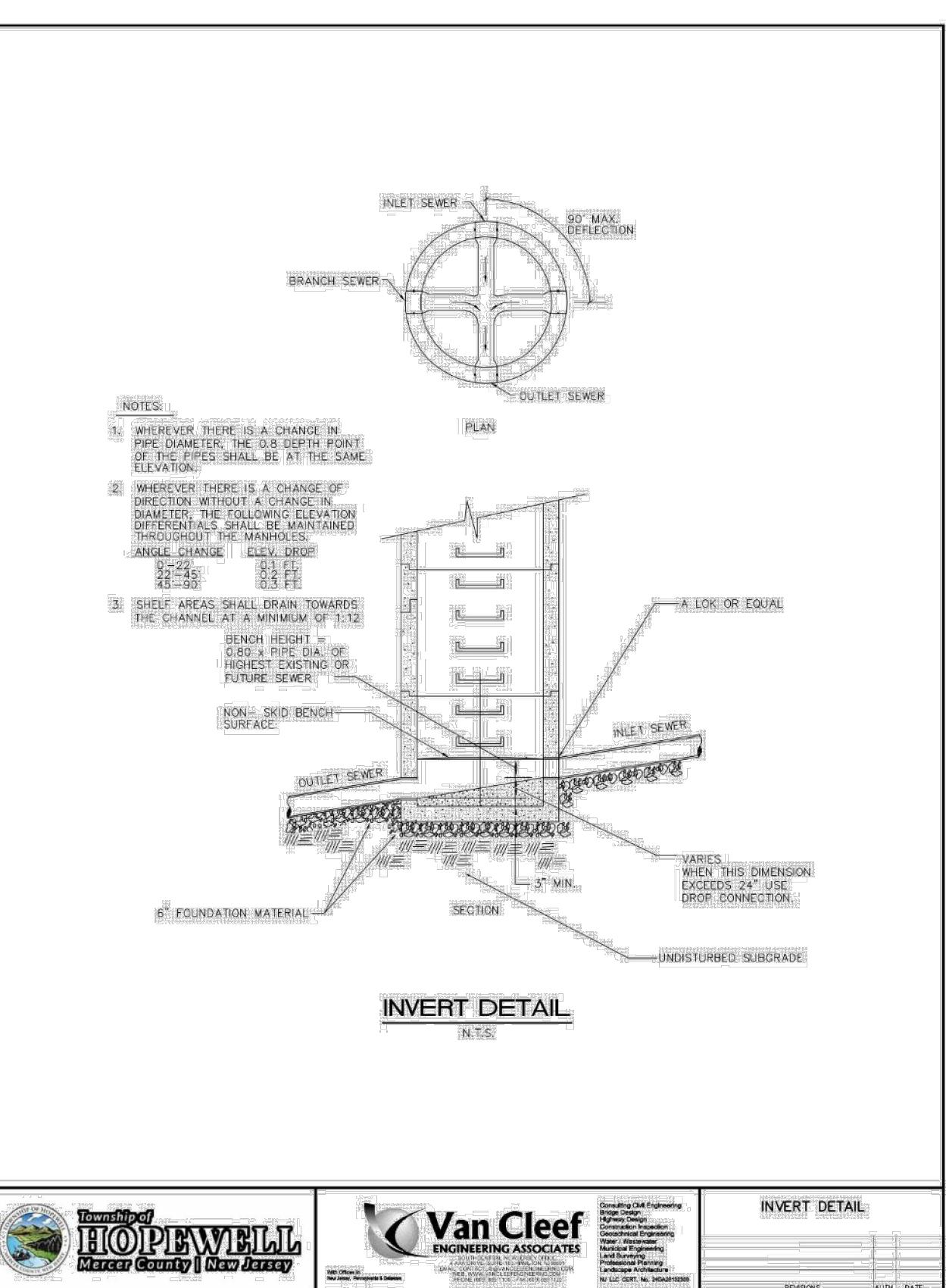
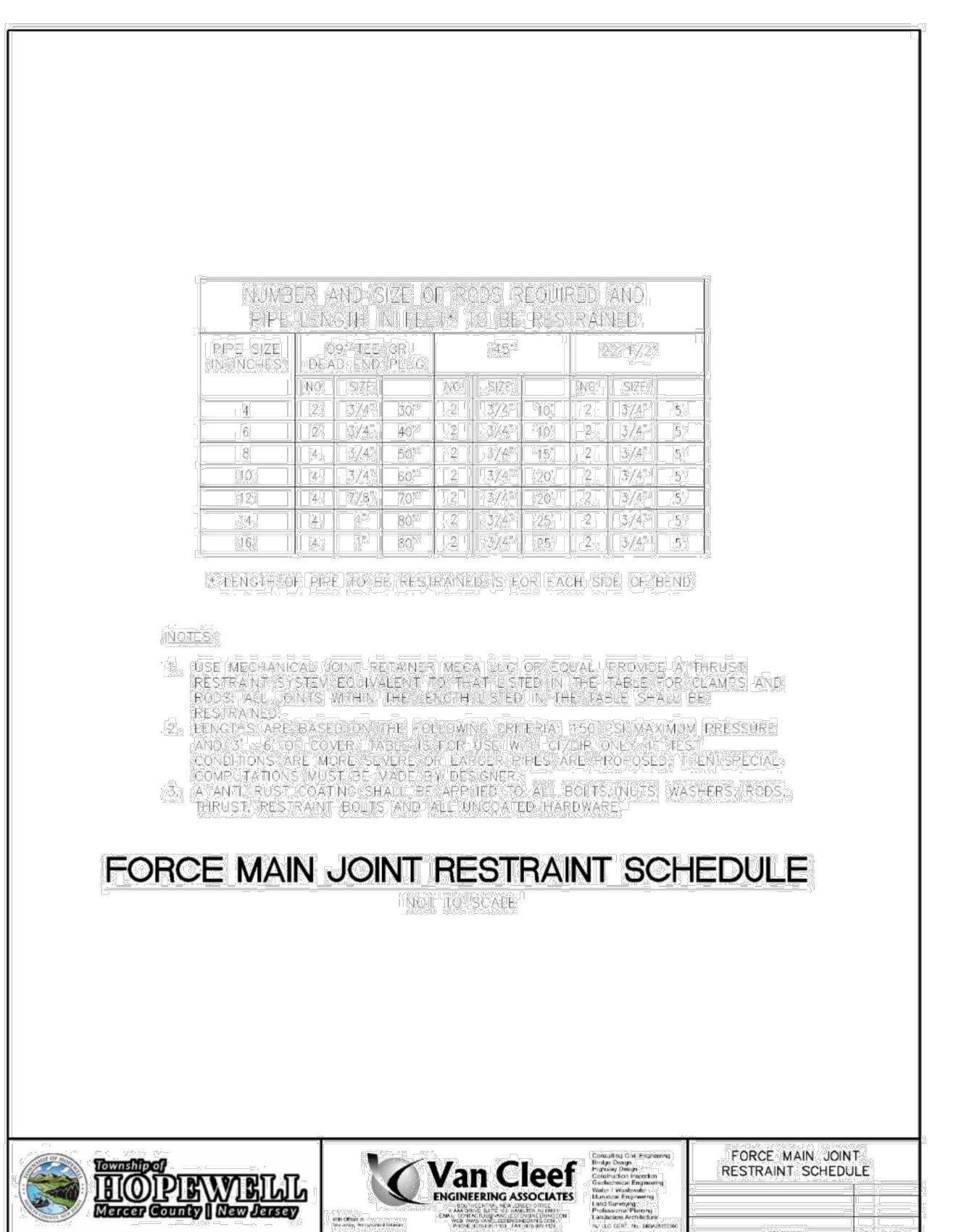
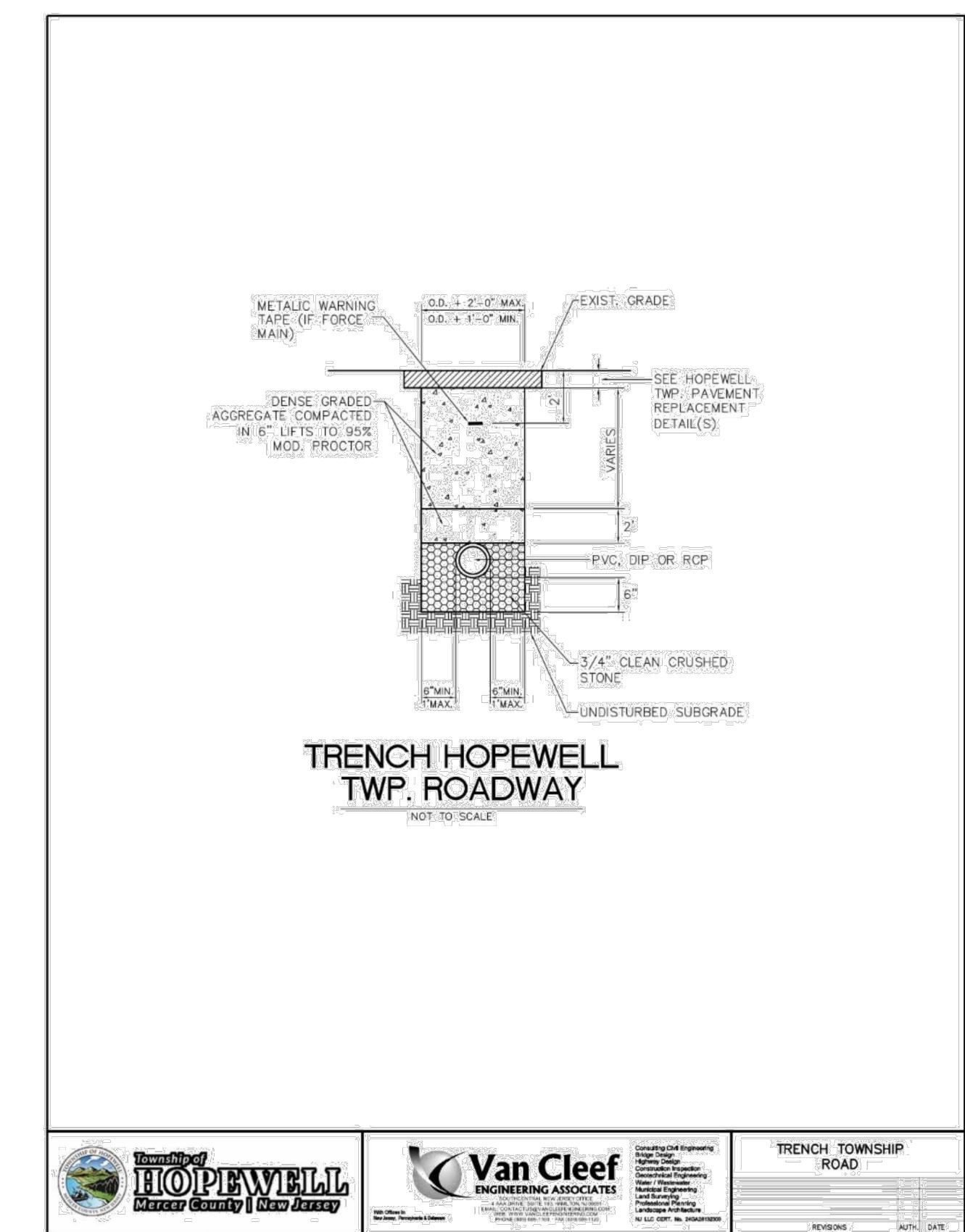
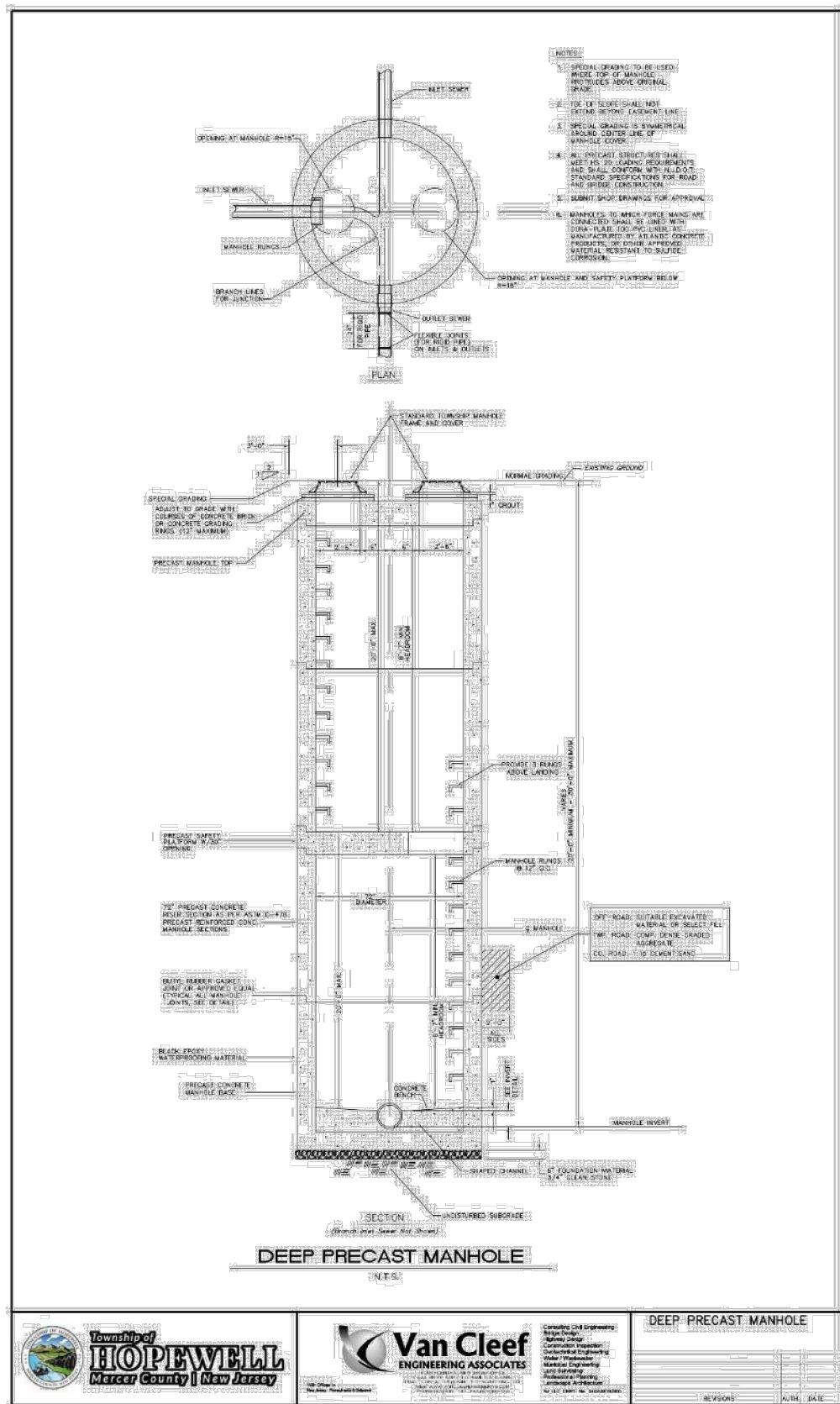
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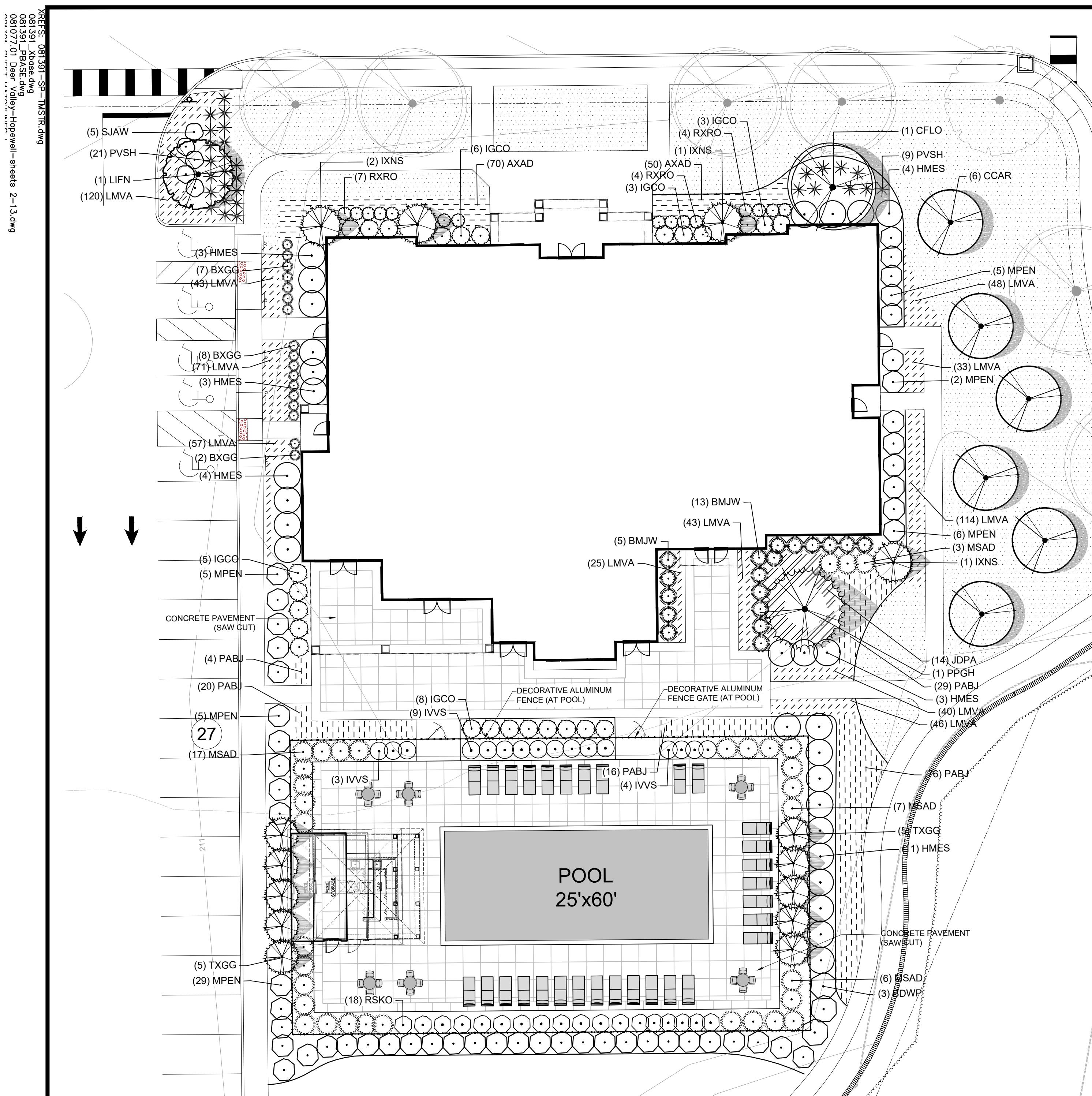


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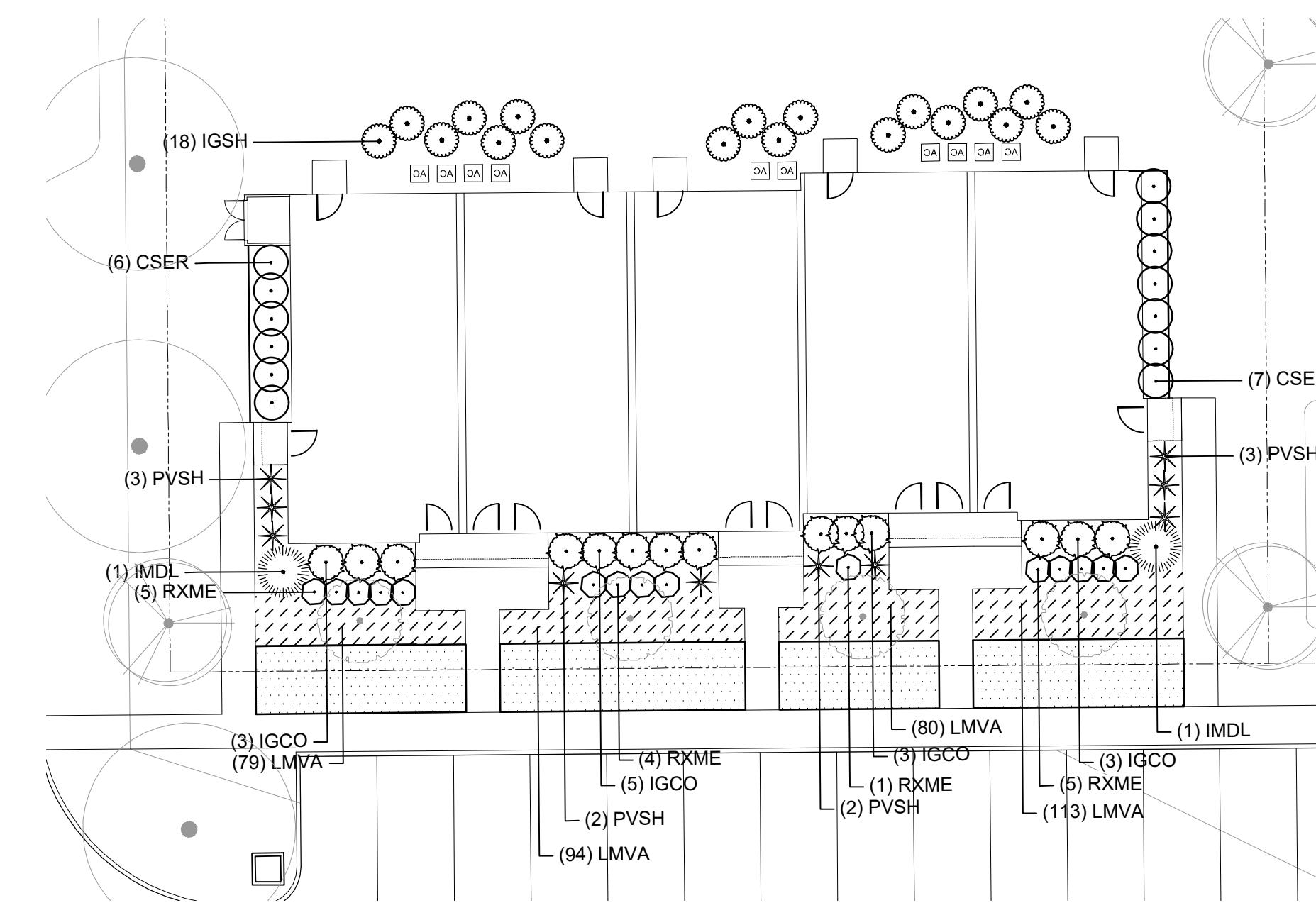




PLANT SCHEDULE CLUBHOUSE ENLARGEMENT PLANTING					
CODE	QTY	COMMON NAME	BOTANICAL NAME	ROOT TYPE	CALIPER / HEIGHT
CCAR	6	AMERICAN HORNBEECH	CARPINUS CAROLINIANA	B & B	2-1/2" TO 3" CAL
		SYMMETRICAL, WELL-BRANCHED TOP, NO LIMB CUTS OVER 3/4" WHICH HAVE NOT COMpletely CALLUSED OVER, FALL TRANSPLANT HAZARD			
CFLO	1	FLOWERING DOGWOOD	CORNUS FLORIDA	B & B	2-1/2" TO 3" CAL
		WELL-BRANCHED, SPREAD OF TOP 5', FALL TRANSPLANT HAZARD			
LIFN	1	NATCHez Crape Myrtle	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ'	B & B	2" TO 2-1/2" CAL
		WELL-BRANCHED TOP, SPECIMEN QUALITY			
EVERGREEN TREES					
IXNS	4	NELLIE R. STEVENS HOLLY	ILEX X NELLIE R. STEVENS'	B & B	7" TO 8" HT
		HEAVY ROOT SYSTEM, WELL-BRANCHED TO THE GROUND, FALL TRANSPLANT HAZARD			
PPGH	1	HOOPSII BLUE SPRUCE	PICEA PUNGENS GLAUCA 'HOOPSII'	B & B	
		WELL-BRANCHED TOP, SPECIMEN QUALITY			
TXGG	10	GREEN GIANT ARBORVITAE	THUJA STANISCHI X Plicata 'GREEN GIANT'	B & B	6" TO 7" HT
		SINGLE, STRAIGHT TRUNK, DENSELY BRANCHED, FULL TOP, SPECIMEN QUALITY			
CODE	QTY	COMMON NAME	BOTANICAL NAME	ROOT TYPE	HEIGHT / WIDTH
DECIDUOUS SHRUBS					
BWPS	3	WHITE PROFUSION BUTTERFLY BUSH	BUDDLEJA DAVIDII 'WHITE PROFUSION'	CONTAINER	
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			72" o.c.
HMES	28	ENGLISH HAMMERS HYDRANGEA	HYDRANGEA MACROPHYLLA 'BAILEM'	CONTAINER	18" TO 24"
		HEAVY, WELL-BRANCHED TOP, RECOMMENDED FOR GREEN INFRASTRUCTURE / RAIN GARDENS			72" o.c.
IVVS	16	VIRGINIA SWEETSPIRE	ITEA VIRGINICA	CONTAINER	18" TO 24"
		RECOMMENDED FOR GREEN INFRASTRUCTURE / RAIN GARDENS			48" o.c.
MPEN	52	NORTHERN RAYBERRY	MYRICA PENSYLVANICA	CONTAINER	24" TO 30"
		SYMMETRICAL WITH HEAVY, WELL-BRANCHED TOP			60" o.c.
MSAD	33	ADAGIO EULALIA GRASS	MISCANTHUS SINENSIS 'ADAGIO'	CONTAINER	
		WELL ESTABLISHED IN CONTAINER			60" o.c.
RSKO	18	KNOCK OUT ROSE	ROSA SHRUB 'KNOCK OUT'	CONTAINER	#3
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			48" o.c.
SJAW	5	ANTHONY WATERER JAPANESE SPIREA	SPIRAEA JAPONICA 'ANTHONY WATERER'	CONTAINER	15" TO 18"
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			48" o.c.
EVERGREEN SHRUBS					
BMJW	18	GREEN JAPANESE BOWWOOD	BUXUS MICROPHYLLA JAPONICA 'WINTER GEM'	CONTAINER	
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			48" o.c.
BXGG	17	GREEN BOWWOOD	BUXUS X 'GREEN GEM'	CONTAINER	
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			36" o.c.
IGCO	25	COMPACT INKBERRY	ILEX GLABRA 'COMPACTA'	CONTAINER	18" TO 24"
		RECOMMENDED FOR GREEN INFRASTRUCTURE / RAIN GARDENS			54" o.c.
RXRO	15	SHENANDOAH SWITCH GRASS	RHOODODENDRON X ROBLEZ	CONTAINER	2.5-3
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			36" o.c.
ORNAMENTAL GRASSES					
PVSH	30	SHENANDOAH SWITCH GRASS	PANICUM VIRGATUM 'SHENANDOAH'	CONTAINER	#3
		WELL-ESTABLISHED IN CONTAINER			YES
CODE	QTY	COMMON NAME	BOTANICAL NAME	ROOT TYPE	SIZE
PERENNIALS					
AXAD	120	DEUTSCHLAND ASTILBE	ASTILBE X ARENDSEN 'DEUTSCHLAND'	CONTAINER	#1
		WELL ESTABLISHED IN CONTAINER			20" o.c.
JDPA	14	PARSONS JUNIPER	JUNIPERUS DAVURICA 'PARSONII'	CONTAINER	#2
		WELL ESTABLISHED IN CONTAINER			48" o.c.
LMVA	640	VARIEGATED LILYTURF	LIRIOPE MUSCARI 'VARIEGATA'	CONTAINER	#1
		FULL PLANT, WELL ESTABLISHED IN CONTAINER			18" o.c.
PABJ	145	BLUE BABY RUSSIAN SAGE	PEROVSKIA ATRIPLOCYLOPILA 'BLUE JEAN BABY'	CONTAINER	
		WELL ESTABLISHED IN CONTAINER			30" o.c.

CLUBHOUSE ENLARGEMENT PLANTING PLAN

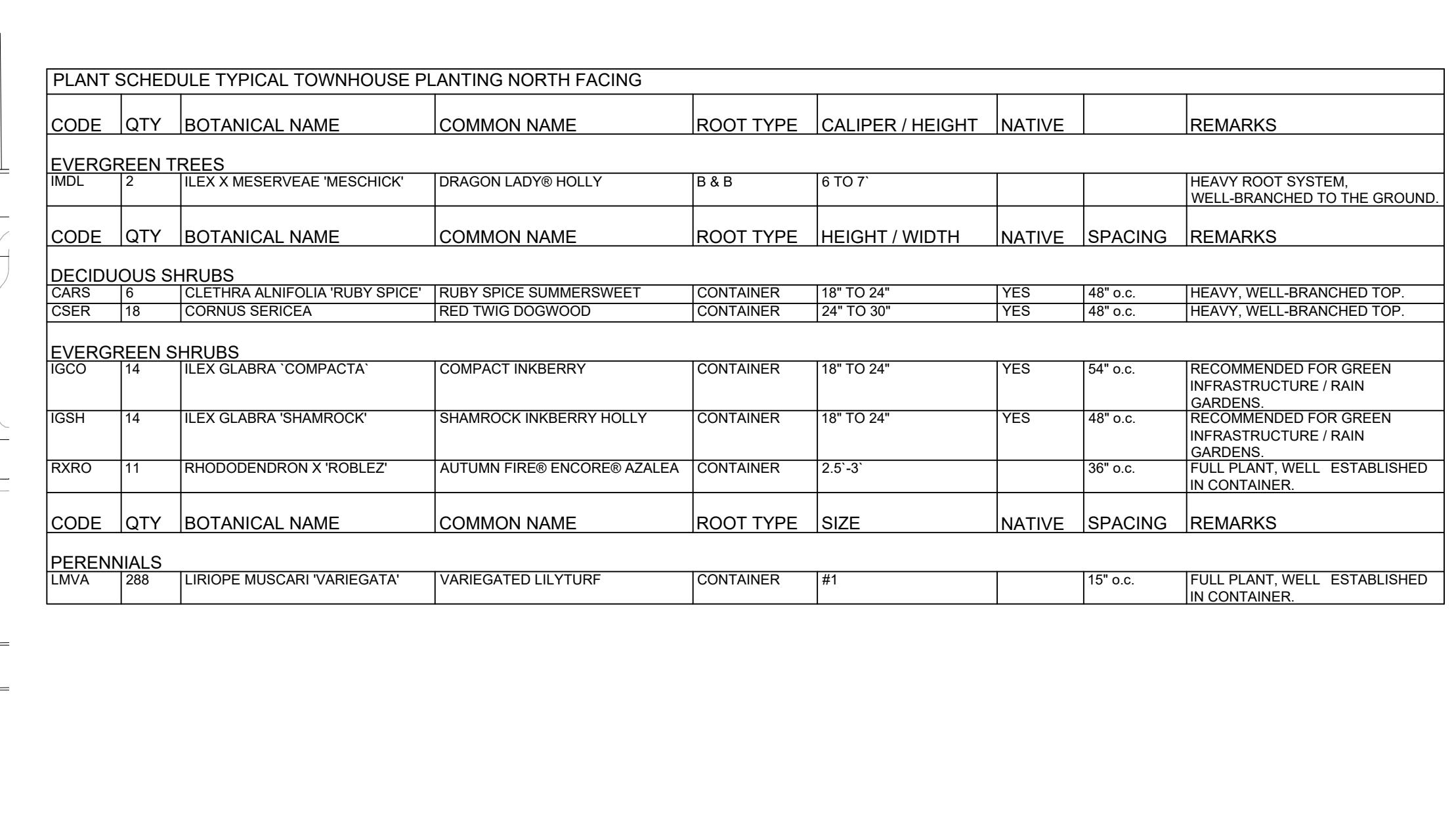
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TYPICAL TOWNSHOUSE PLANTING SOUTH FACING

SCALE: 1/16" = 1'-0"

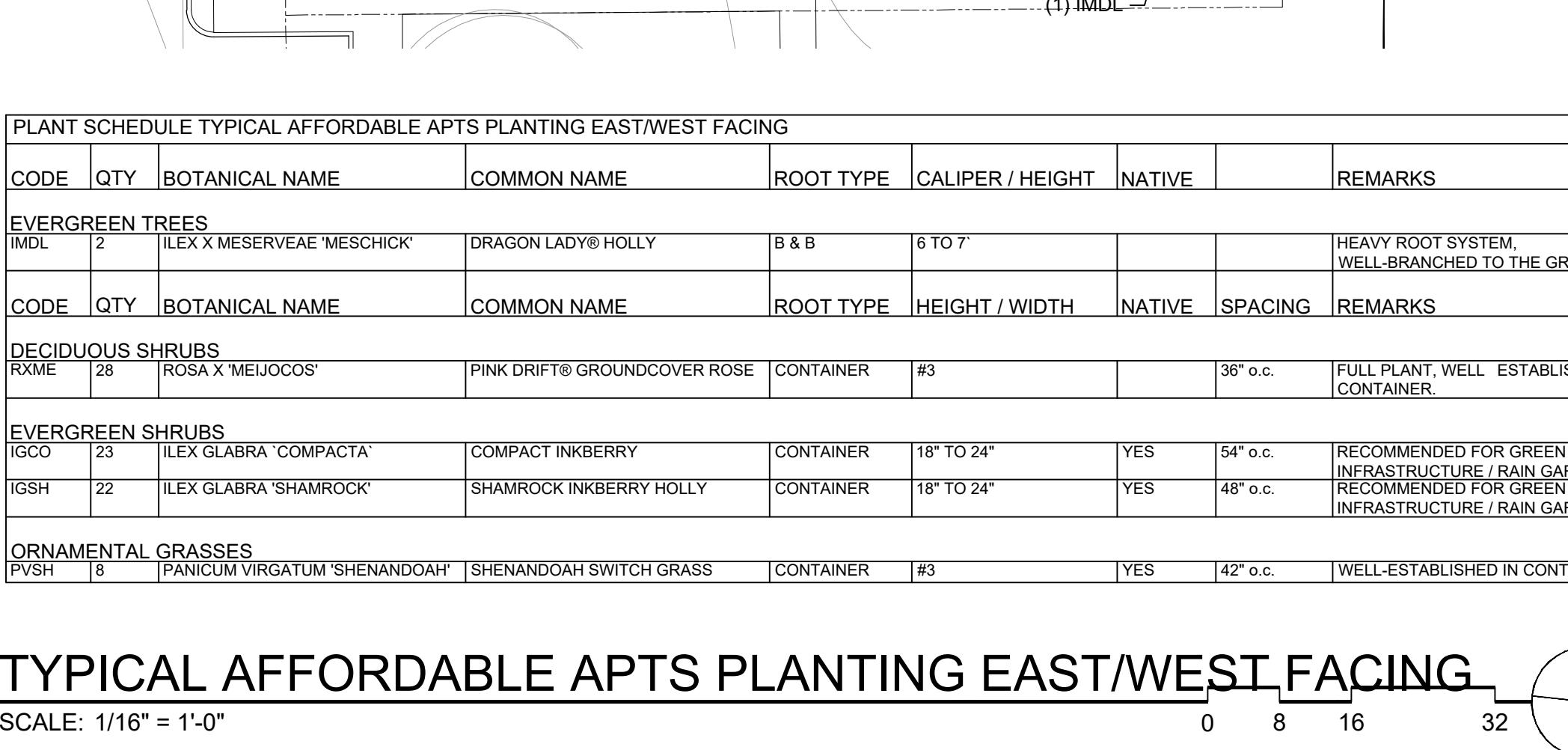
PLANT SCHEDULE TYPICAL TOWNSHOUSE PLANTING SOUTH FACING					
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT TYPE	CALIPER / HEIGHT
IMDL	2	ILEX X MESERVEAE 'MESCHICK'	DRAGON LADY® HOLLY	B & B	6 TO 7'
					HEAVY ROOT SYSTEM, WELL-BRANCHED TO THE GROUND
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT TYPE	HEIGHT / WIDTH
IGSH	18	ROSA X 'MEUJOCOS'	PINK DRIFT® GROUNDCOVER ROSE	CONTAINER	#3
					36" o.c.
DECIDUOUS SHRUBS					
IGCO	14	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	CONTAINER	18" TO 24"
					YES
IGSH	18	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	CONTAINER	18" TO 24"
					YES
ORNAMENTAL GRASSES					
PVSH	10	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	CONTAINER	#3
					YES
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT TYPE	SIZE
PERENNIALS					
LMVA	368	LIRIOPE MUSCARI 'VARIEGATA'	VARIEGATED LILYTURF	CONTAINER	#1
					15" o.c.



TYPICAL TOWNSHOUSE PLANTING NORTH FACING

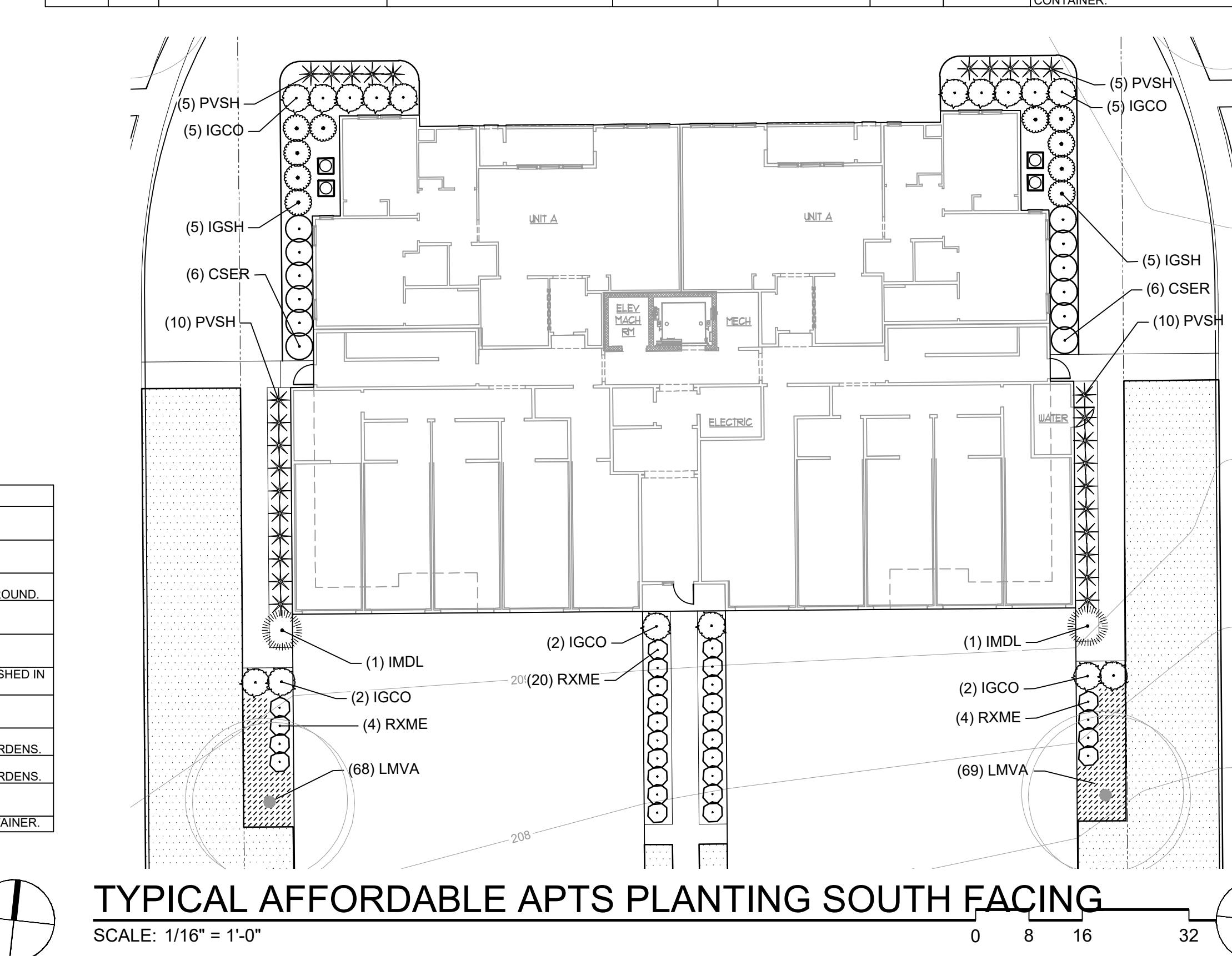
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PLANT SCHEDULE TYPICAL TOWNSHOUSE PLANTING NORTH FACING					
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT TYPE	CALIPER / HEIGHT
IMDL	2	ILEX X MESERVEAE 'MESCHICK'	DRAGON LADY® HOLLY	B & B	6 TO 7'
					HEAVY ROOT SYSTEM, WELL-BRANCHED TO THE GROUND
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT TYPE	HEIGHT / WIDTH
CARS	16	CORNUS SERICEA	RED TWIG DOGWOOD	CONTAINER	18" TO 24"
					YES
CSER	18	CORNUS SERICEA	RED TWIG DOGWOOD	CONTAINER	24" TO 30"
					YES
DECIDUOUS SHRUBS					
IGCO	14	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	CONTAINER	18" TO 24"
					YES
IGSH	14	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	CONTAINER	18" TO 24"
					YES
ORNAMENTAL GRASSES					
PVSH	10	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	CONTAINER	#3
					YES
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT TYPE	SIZE
PERENNIALS					
LMVA	288	LIRIOPE MUSCARI 'VARIEGATA'	VARIEGATED LILYTURF	CONTAINER	#1
					15" o.c.



TYPICAL AFFORDABLE APTS PLANTING EAST/WEST FACING

SCALE: 1/16" = 1'-0"



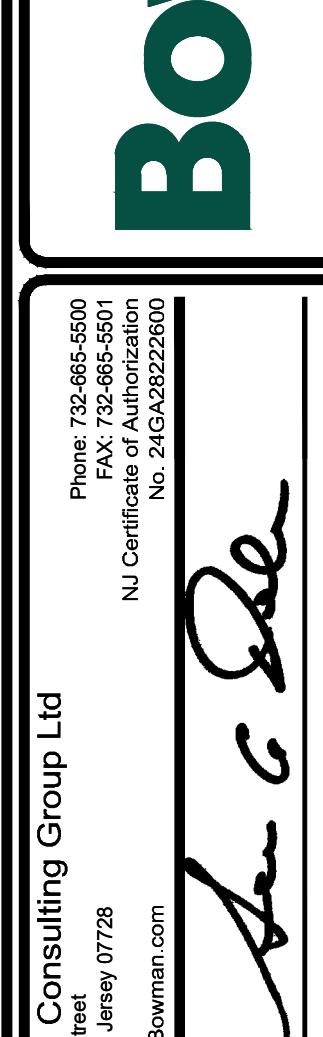
TYPICAL AFFORDABLE APTS PLANTING SOUTH FACING

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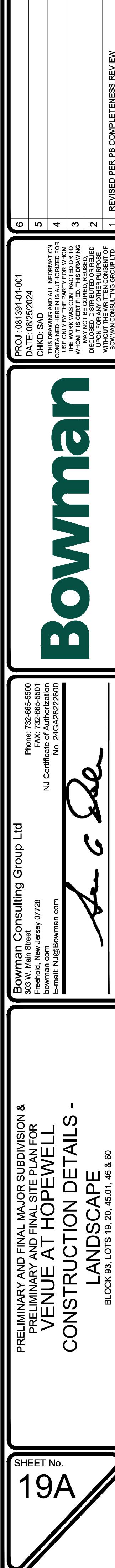
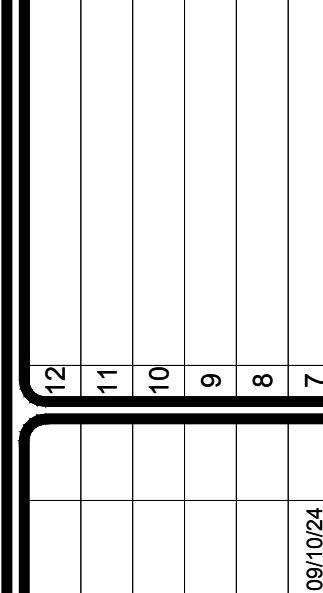
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SCALE: 1/16" = 1'-0"



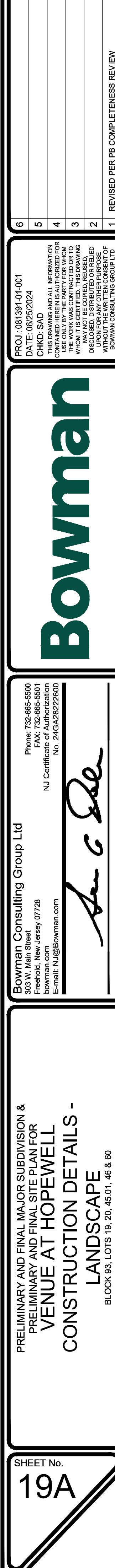
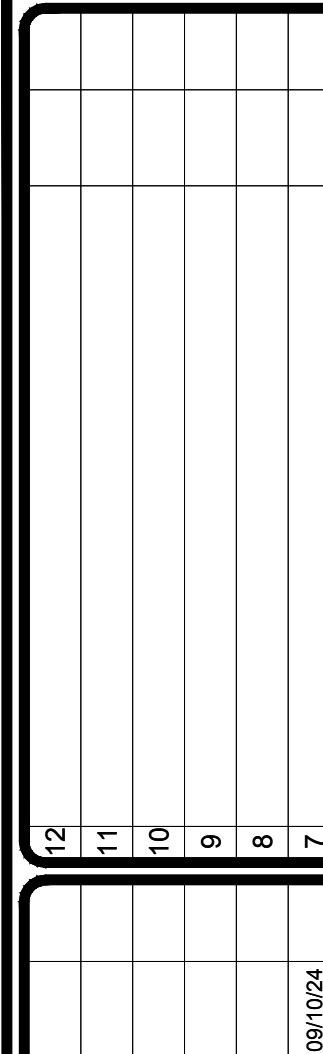
TYPICAL AFFORDABLE APTS PLANTING SOUTH FACING

SCALE: 1/16" = 1'-0"



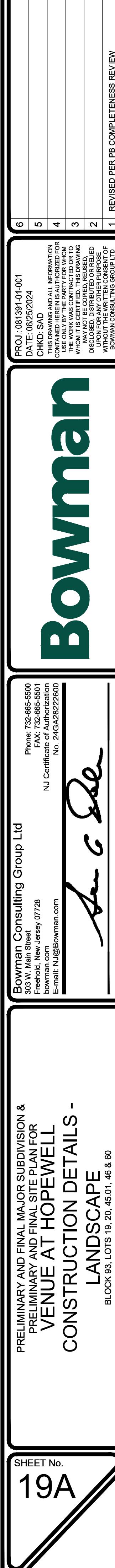
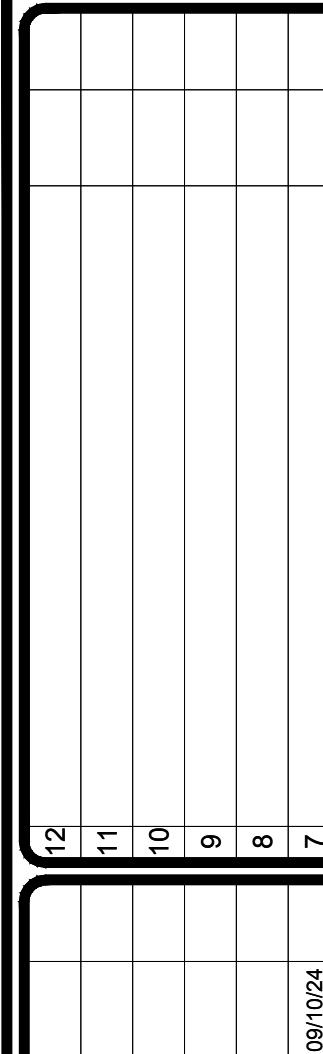
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SCALE: 1/16" = 1'-0"



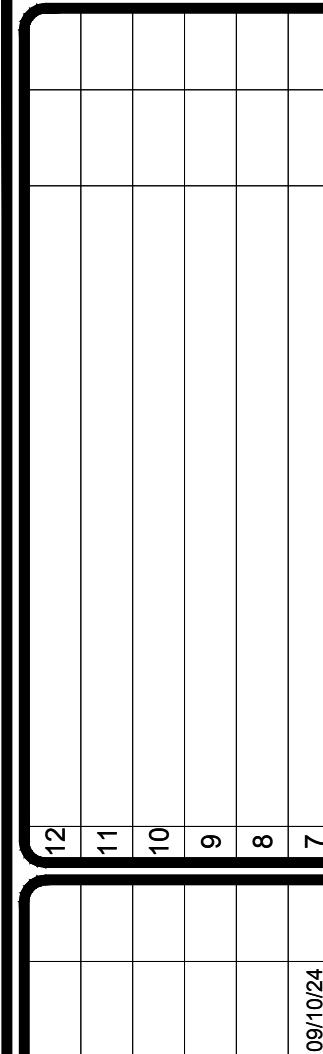
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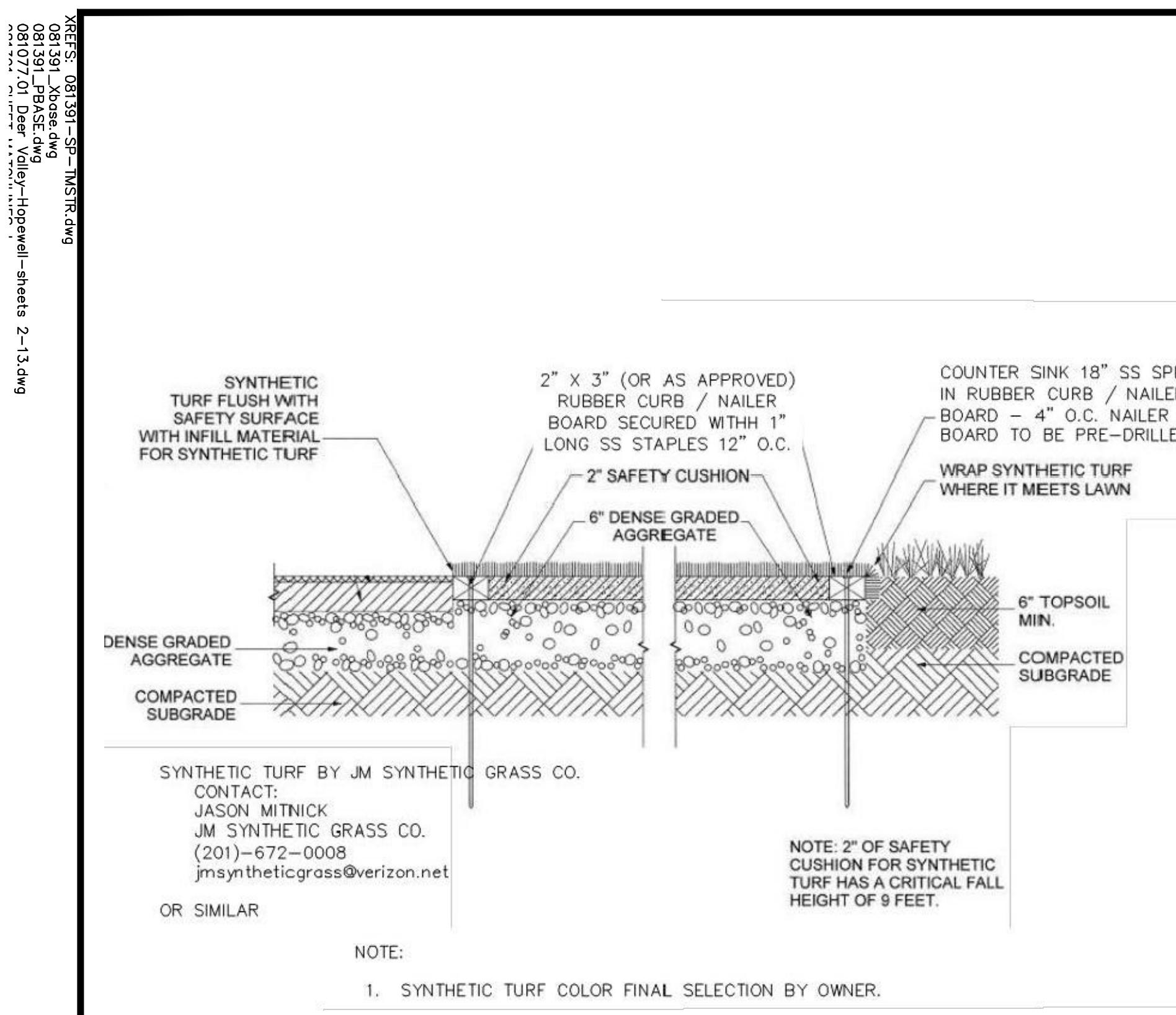
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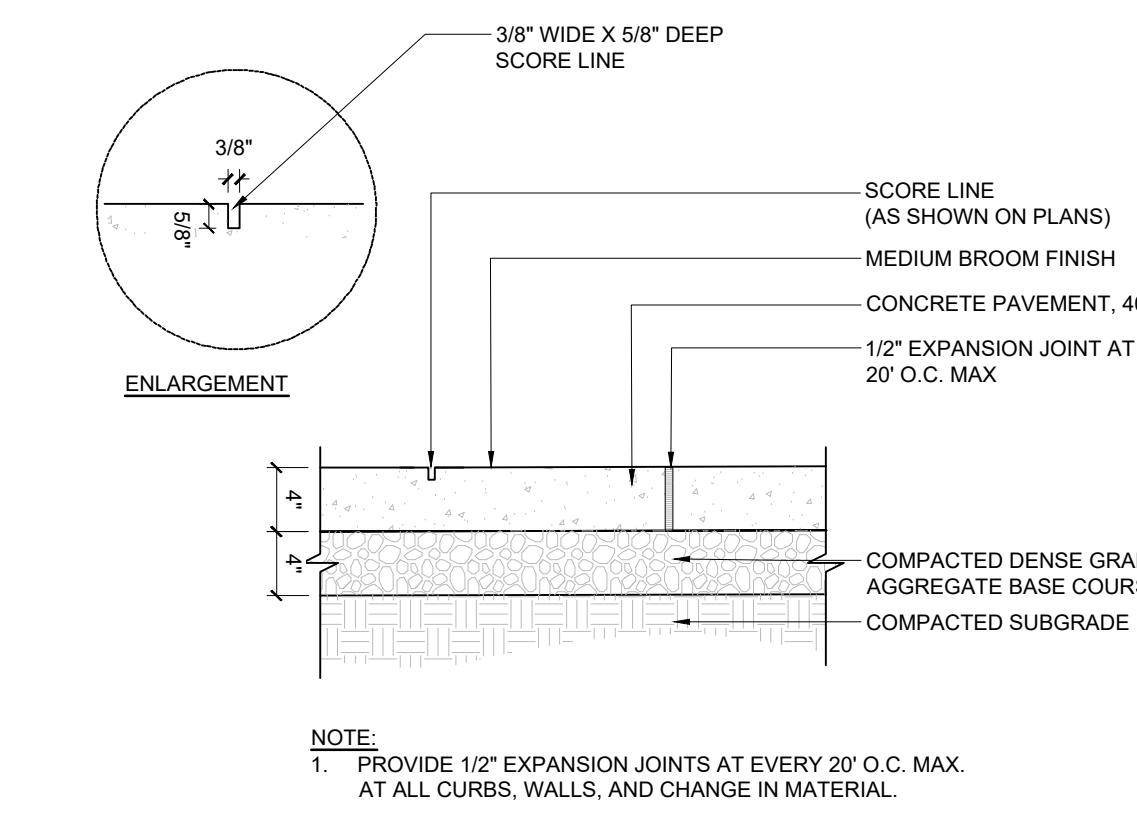
TYPICAL AFFORDABLE APTS PLANTING SOUTH FACING

SCALE: 1/16" = 1'-0"

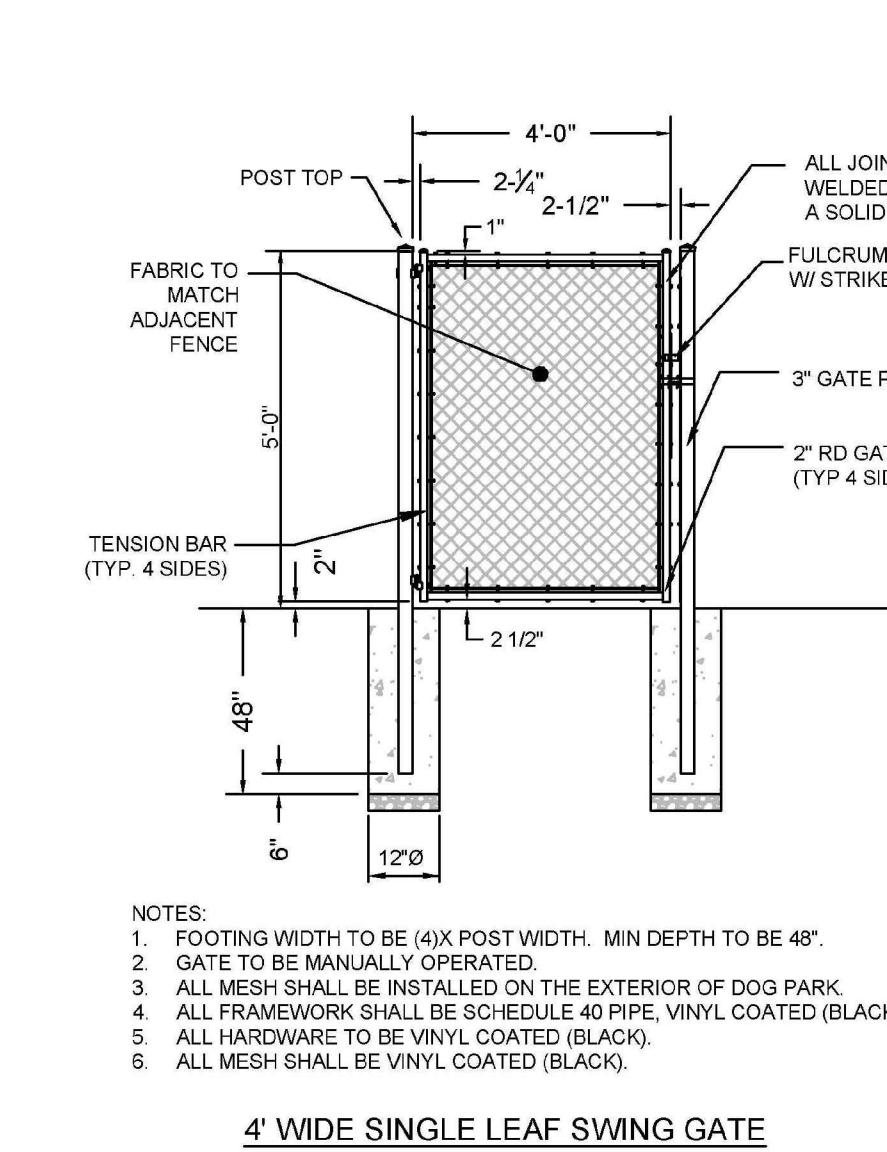




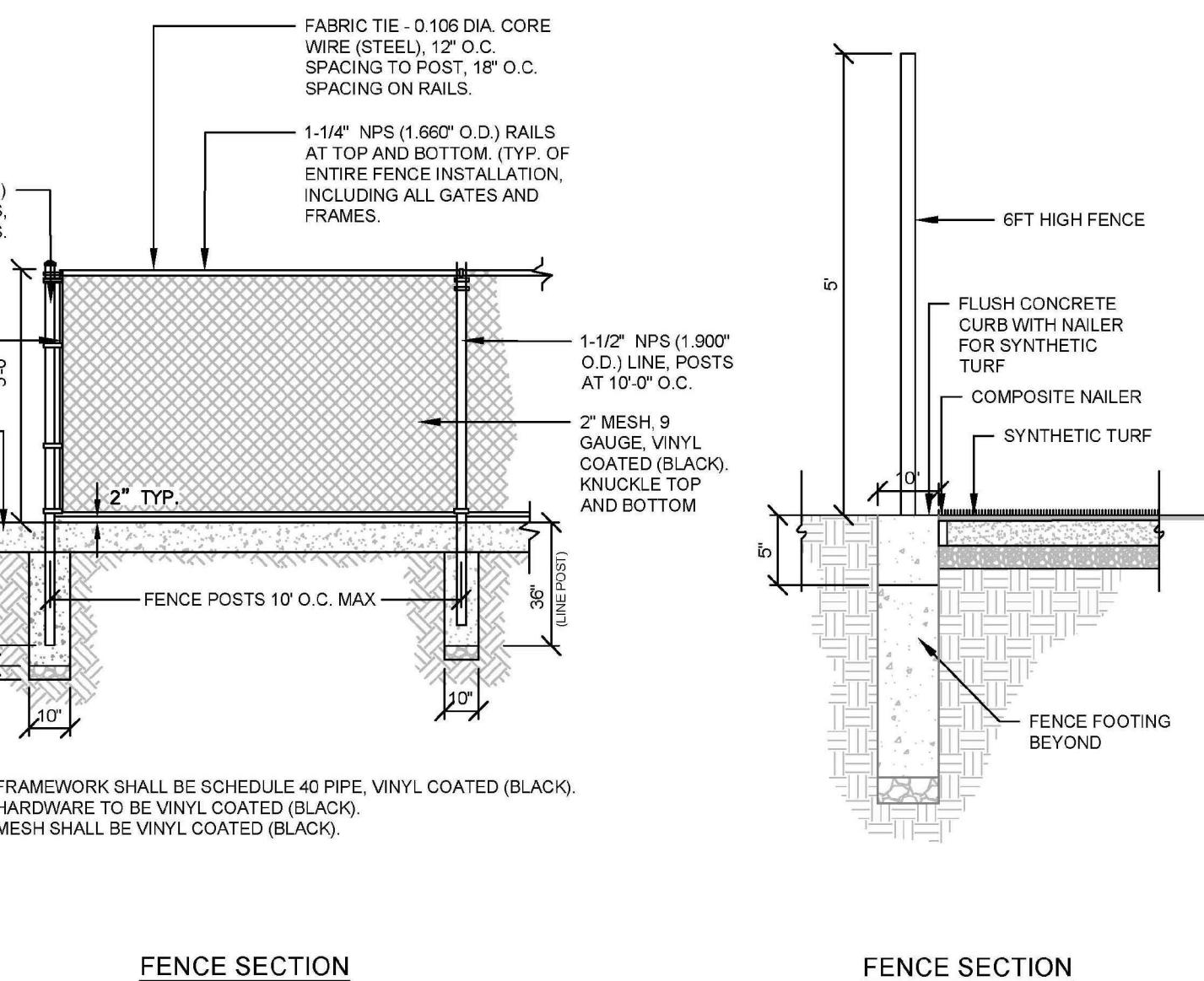
PLAYGROUND SURFACE DETAIL
NOT TO SCALE



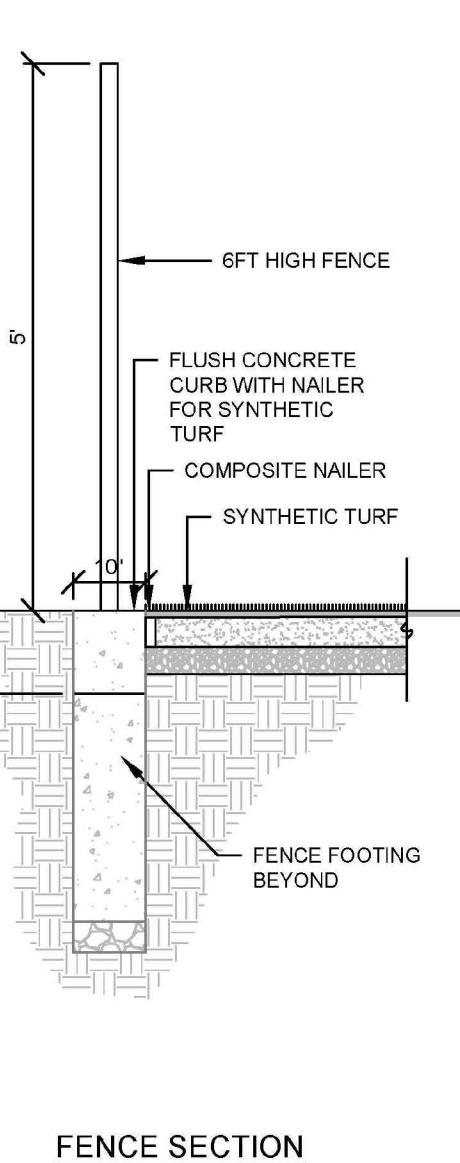
CONCRETE PAVEMENT (SAW CUT)
NOT TO SCALE



4' WIDE SINGLE LEAF SWING GATE

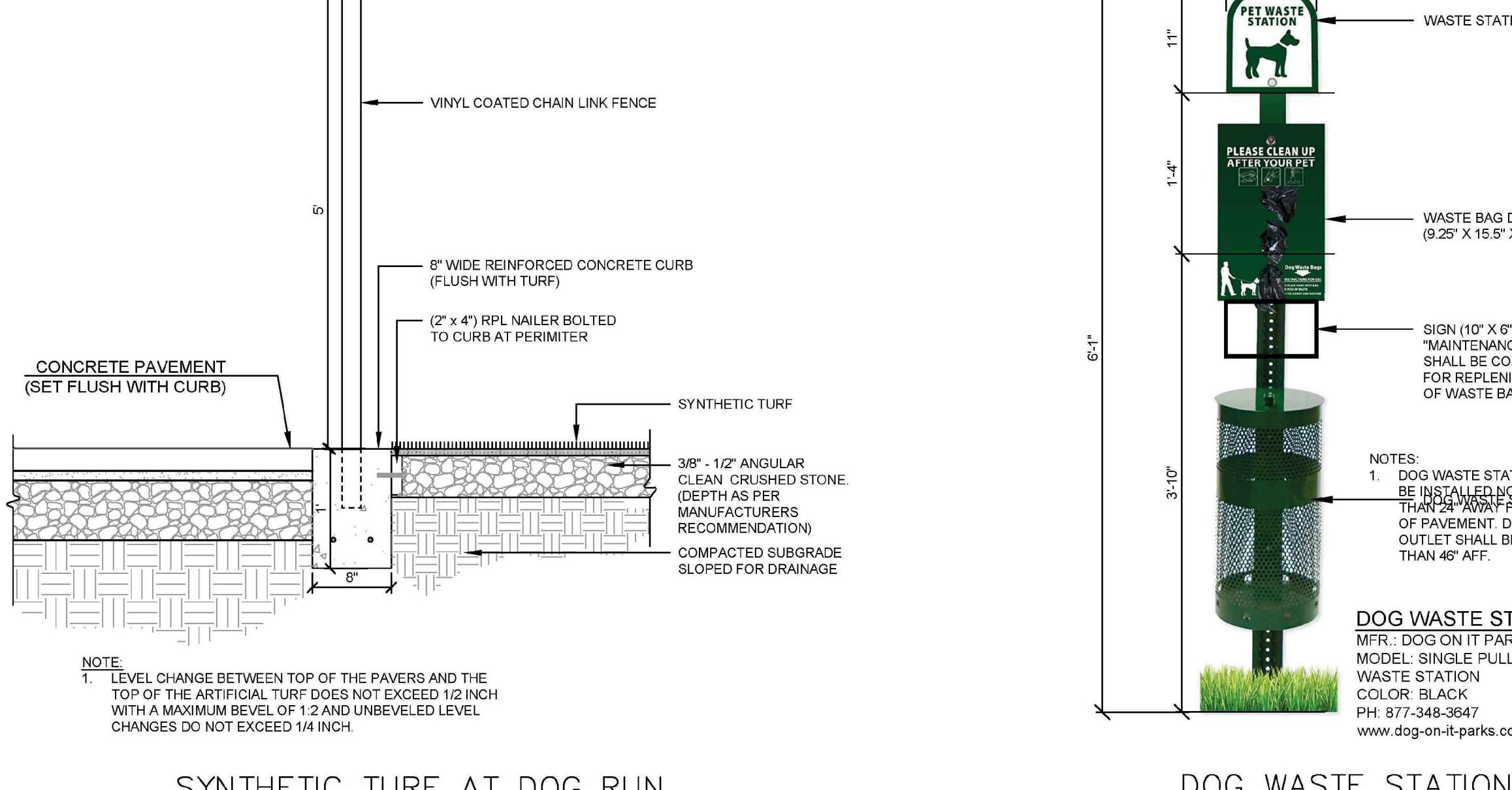


FENCE SECTION
N.T.S.



FENCE SECTION
N.T.S.

FENCE AND GATE AT DOG RUN
SCALE: 1" = 1'-0"



SYNTHETIC TURF AT DOG RUN
SCALE: 1" = 1'-0"

