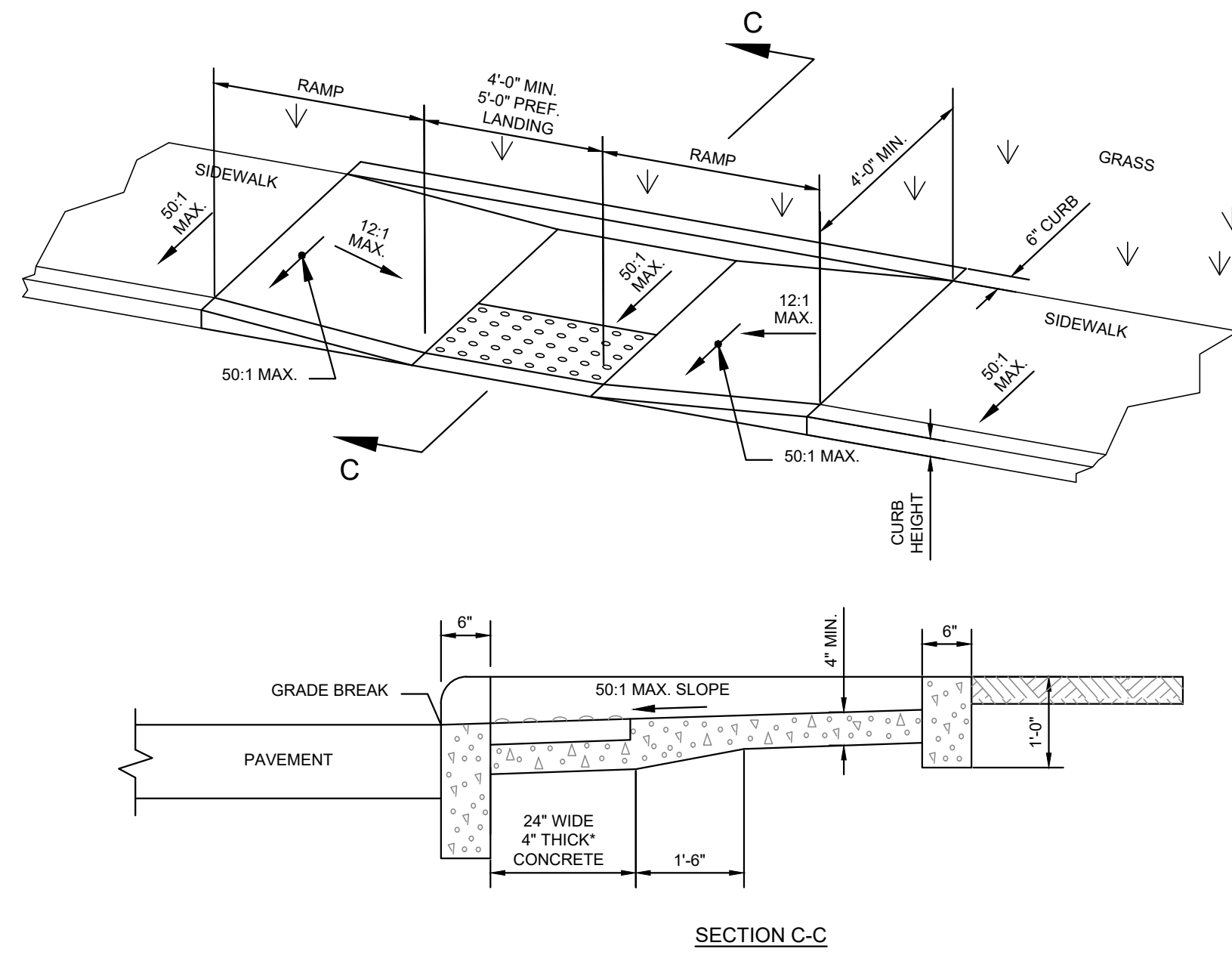
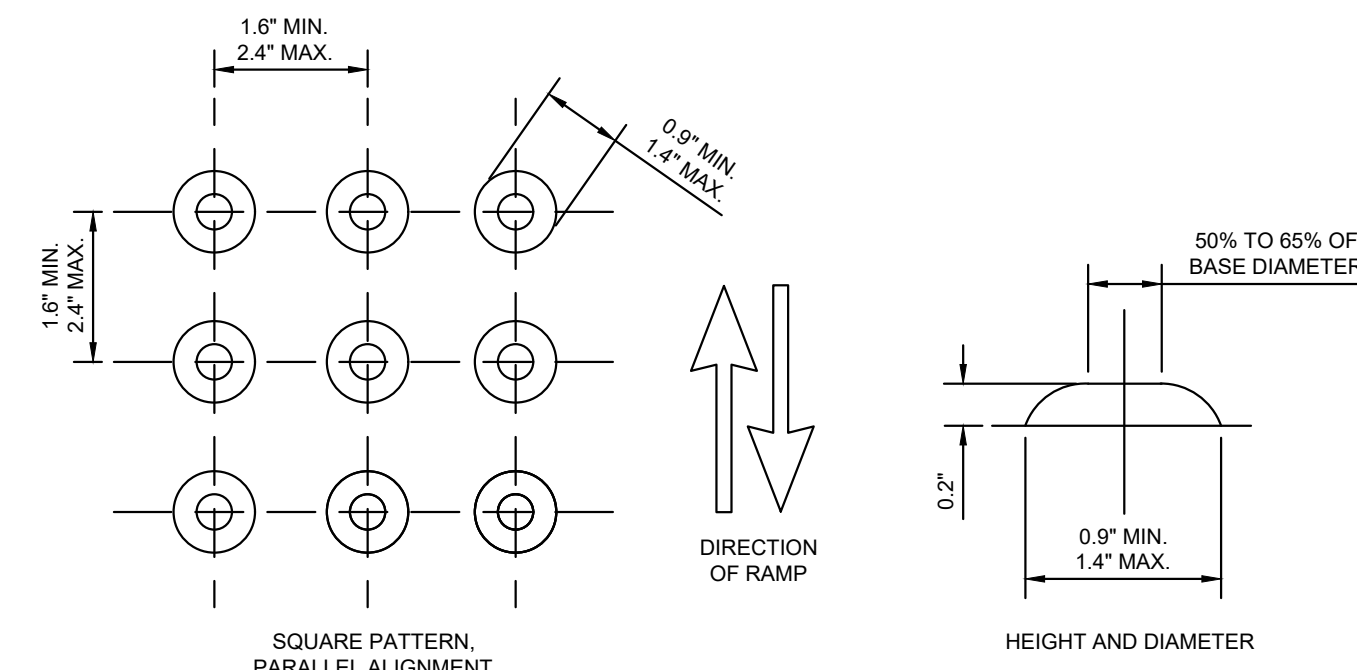


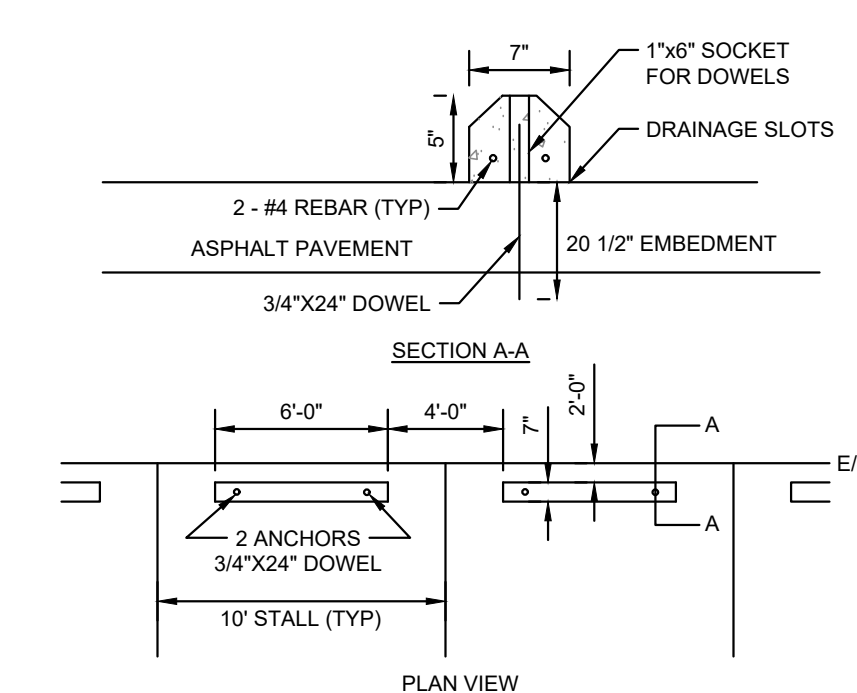


11 C001 CURB RAMP DETAIL - DOUBLE SIDED PARALLEL N.T.S.

- NOTES:
- GENERAL
1. DETECTABLE WARNINGS ARE A DISTINCTIVE SURFACE PATTERN OF TRUNCATED DOMES WHICH ARE DETECTABLE BY CANE OR UNDERFOOT TO ALERT PEOPLE WITH VISION IMPAIRMENTS OF THEIR APPROACH TO STREETS AND HAZARDOUS DROP-OFFS.
- PLACEMENT
2. DETECTABLE WARNINGS ARE TO BE INSTALLED AT ANY LOCATION WHERE PEDESTRIANS MIGHT CROSS PATHS WITH VEHICULAR TRAFFIC LANES, SUCH AS THE BASE OF CURB RAMPS OR AT BLENDED CURBS. A 24\"/>



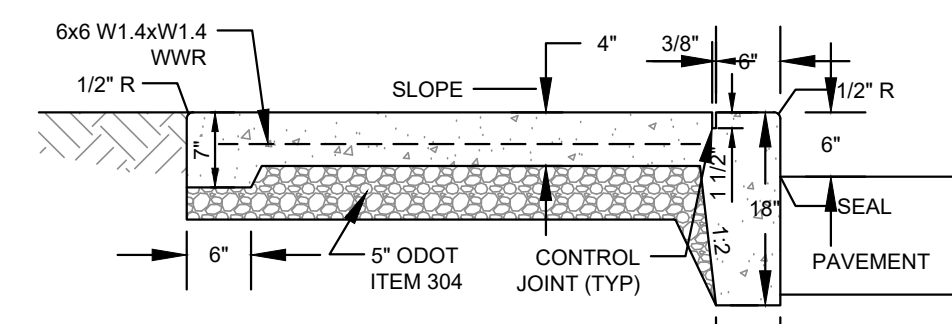
12 C001 DETECTABLE WARNINGS DETAIL N.T.S.



13 C001 PRECAST CONCRETE WHEEL STOP DETAIL N.T.S.

- NOTES:
1. WHILE RAMPS MAY BE SKEWED TO THE CROSSWALK, THE ENTIRE LOWER LANDING AREA MUST FALL WITHIN THE CROSS WALK THAT THE RAMP SERVES AND CANNOT BE LOCATED IN THE TRAVELED LANE OF OPPOSING TRAFFIC.
 2. THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, LANDING, OR BLENDED TRANSITIONS SHALL BE 0:11 OR FLATTER.
 3. THE BOTTOM EDGE OF THE RAMP SHALL CHANGE PLANES PERPENDICULAR TO THE LANDING.
 4. THE EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER AND SURFACE SLOPES THAT MEET GRADE BREAKS SHALL ALSO BE FLUSH.
 5. RAMP LANDINGS SHALL BE 4\"/>

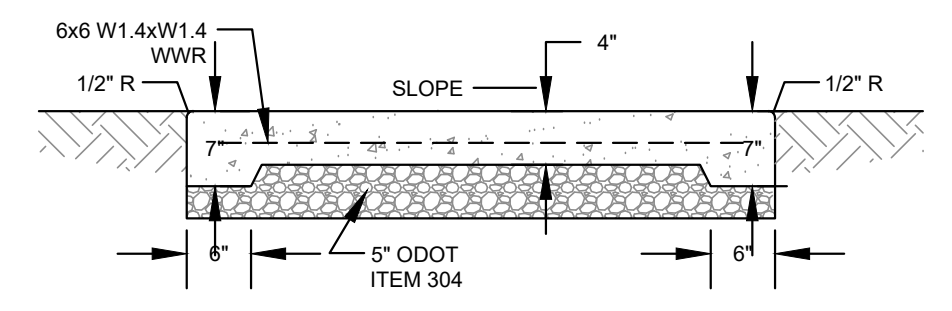
*WHERE POSSIBLE, POUR RAMP AREA INTEGRAL WITH THE CURB, OTHERWISE USE 6\"/>



- NOTES:
1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2\"/>

6 C001 EXTERIOR CONCRETE SLAB WALK WITH INTEGRAL CURB DETAIL N.T.S.

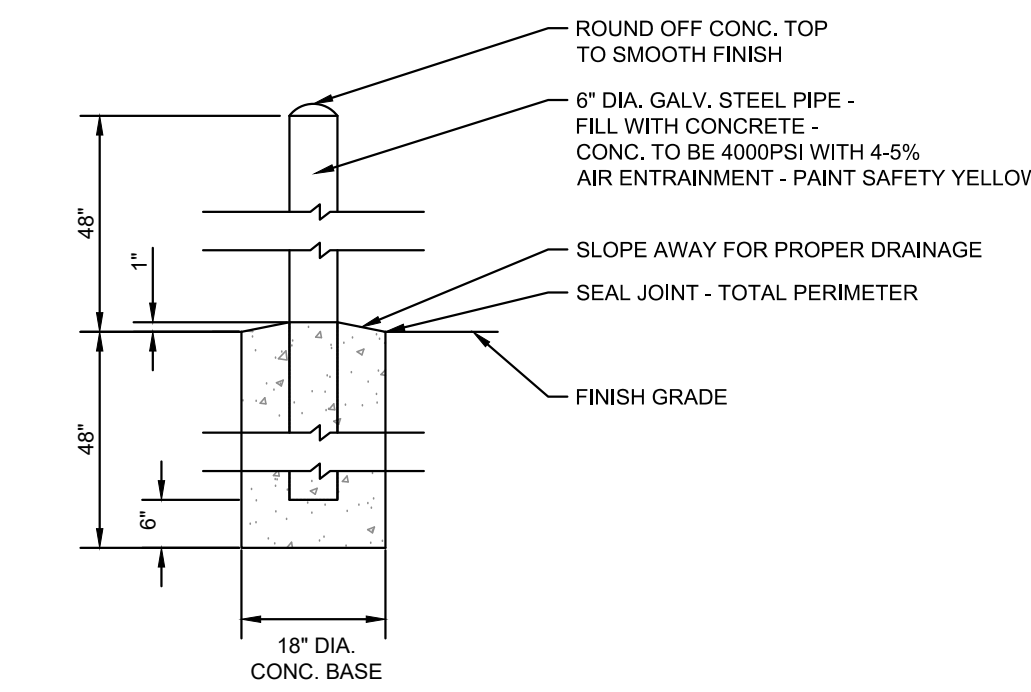
NOTE: PAVEMENT SECTION DESIGN PROVIDED BY OWNER



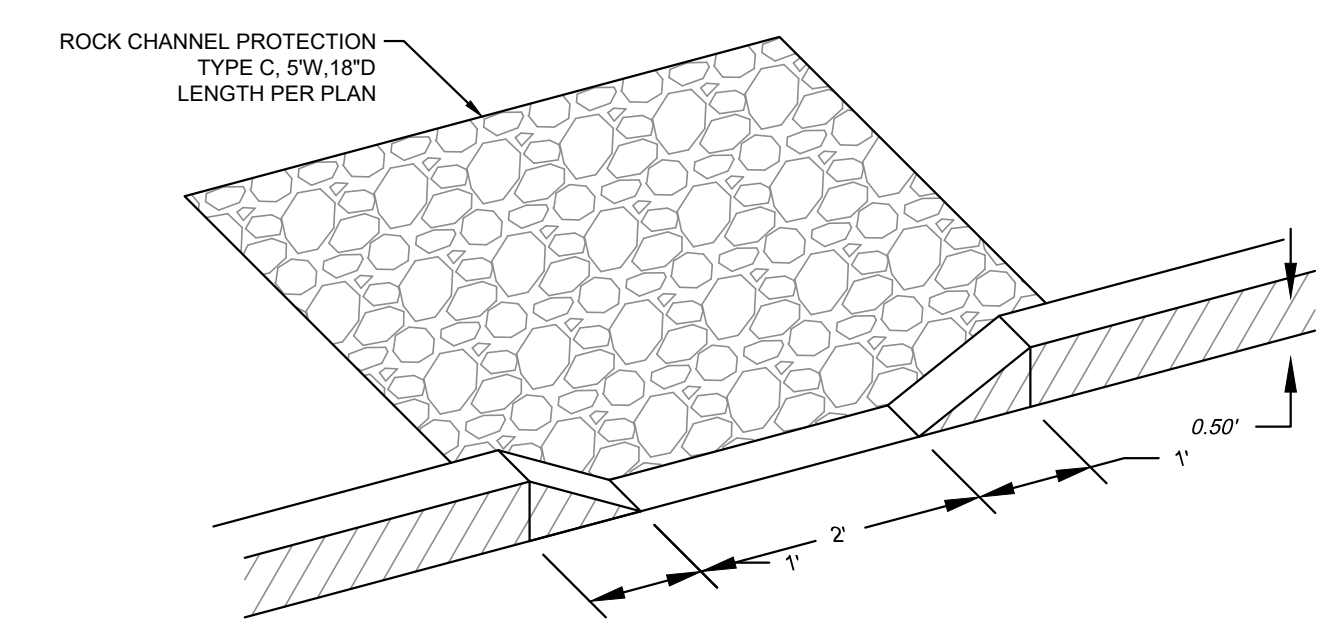
- NOTES:
1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2\"/>

7 C001 EXTERIOR CONCRETE SLAB WALK DETAIL N.T.S.

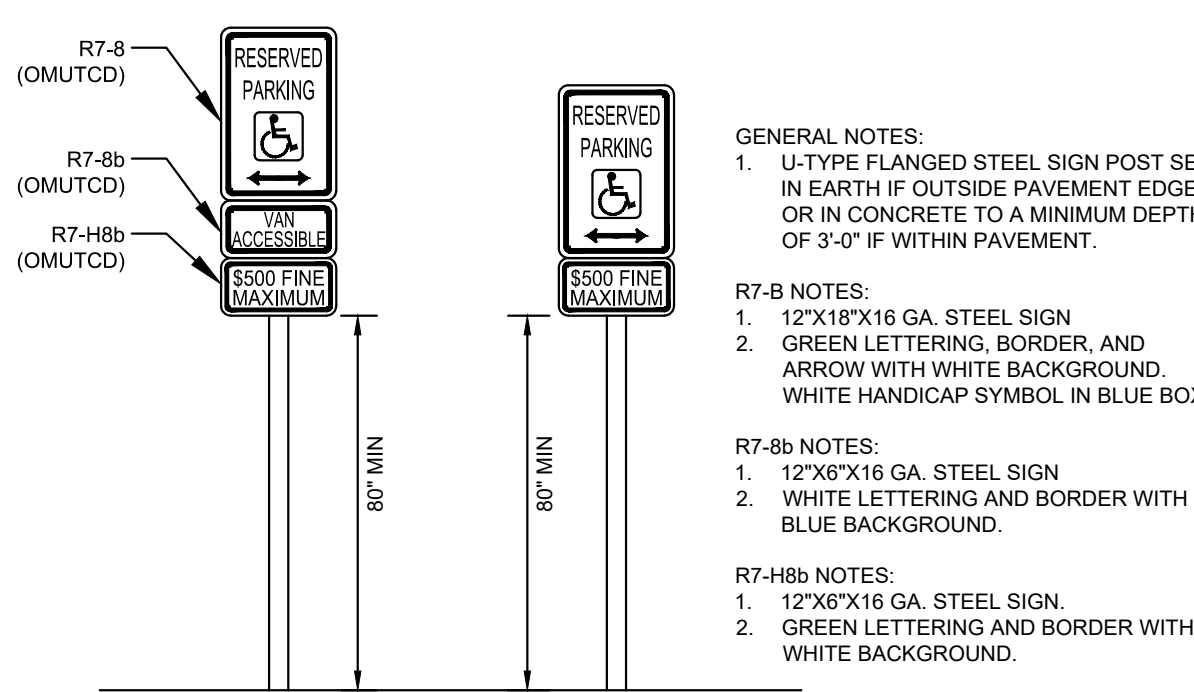
NOTE: PAVEMENT SECTION DESIGN PROVIDED BY OWNER



8 C001 PIPE BOLLARD DETAIL N.T.S.

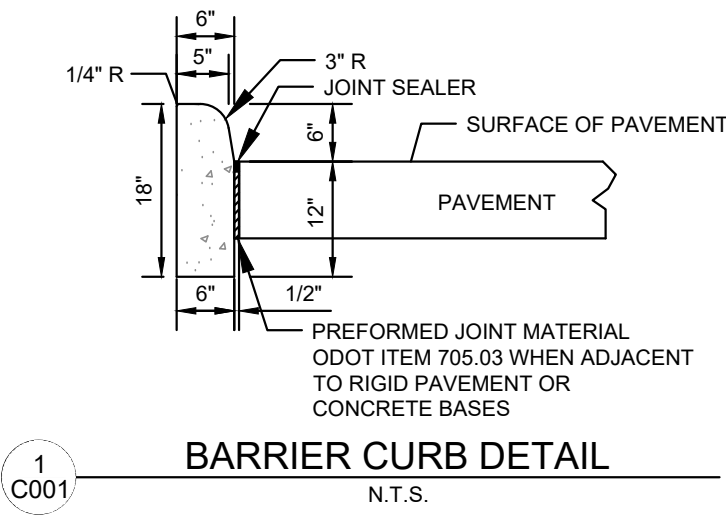


9 C001 DRAINAGE CURB CUT DETAIL N.T.S.

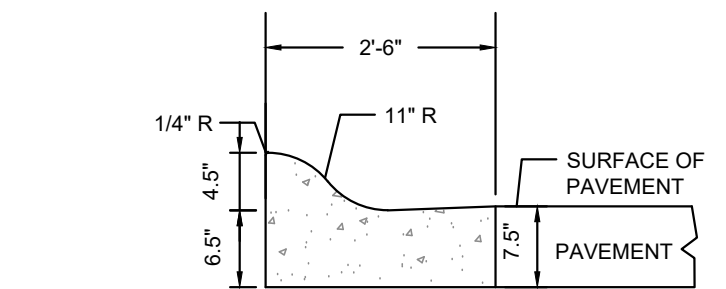


- NOTE:
1. ONE ACCESSIBLE PARKING SPACE FOR EVERY SIX OR FRACTION THERE OF SHALL BE DESIGNATED AS \"VAN ACCESSIBLE\". LOCATION AS NOTED ON THE DRAWINGS.
 2. ONE SIGN TO BE INSTALLED AT EACH ACCESSIBLE PARKING SPACE

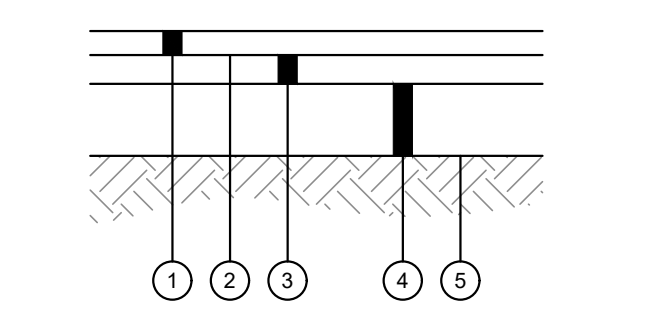
10 C001 ACCESSIBLE PARKING SIGN DETAIL N.T.S.



1 C001 BARRIER CURB DETAIL N.T.S.



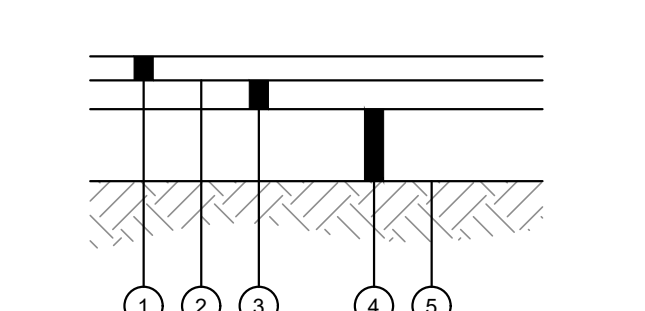
2 C001 BUTLER COUNTY CURB AND GUTTER STANDARD C-1 DETAIL N.T.S.



- 1 1 1/2\"/>

3 C001 LIGHT DUTY ASPHALT PAVEMENT DETAIL N.T.S.

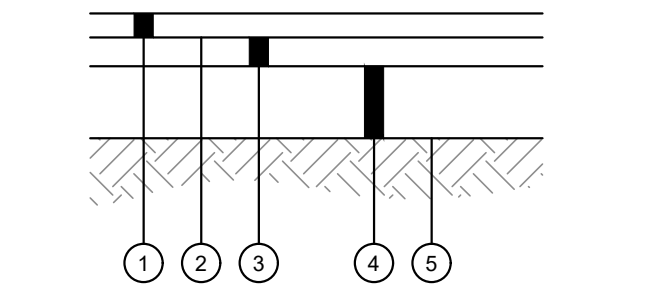
NOTE: PAVEMENT SECTION DESIGN PROVIDED BY OWNER



- 1 2\"/>

4 C001 HEAVY DUTY ASPHALT PAVEMENT DETAIL N.T.S.

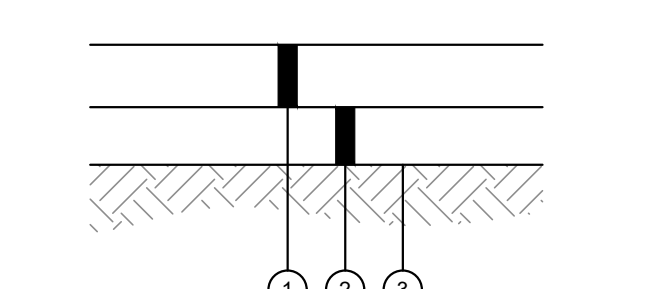
NOTE: PAVEMENT SECTION DESIGN PROVIDED BY OWNER



- 1 1\"/>

4A C001 BUTLER COUNTY LOCAL INDUSTRIAL STREET ASPHALT PAVEMENT DETAIL N.T.S.

NOTE: PAVEMENT SECTION DESIGN PROVIDED BY OWNER



- 1 9\"/>

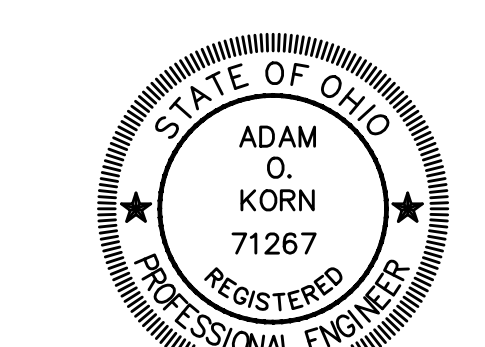
5 C001 HEAVY DUTY CONCRETE PAVEMENT DETAIL N.T.S.

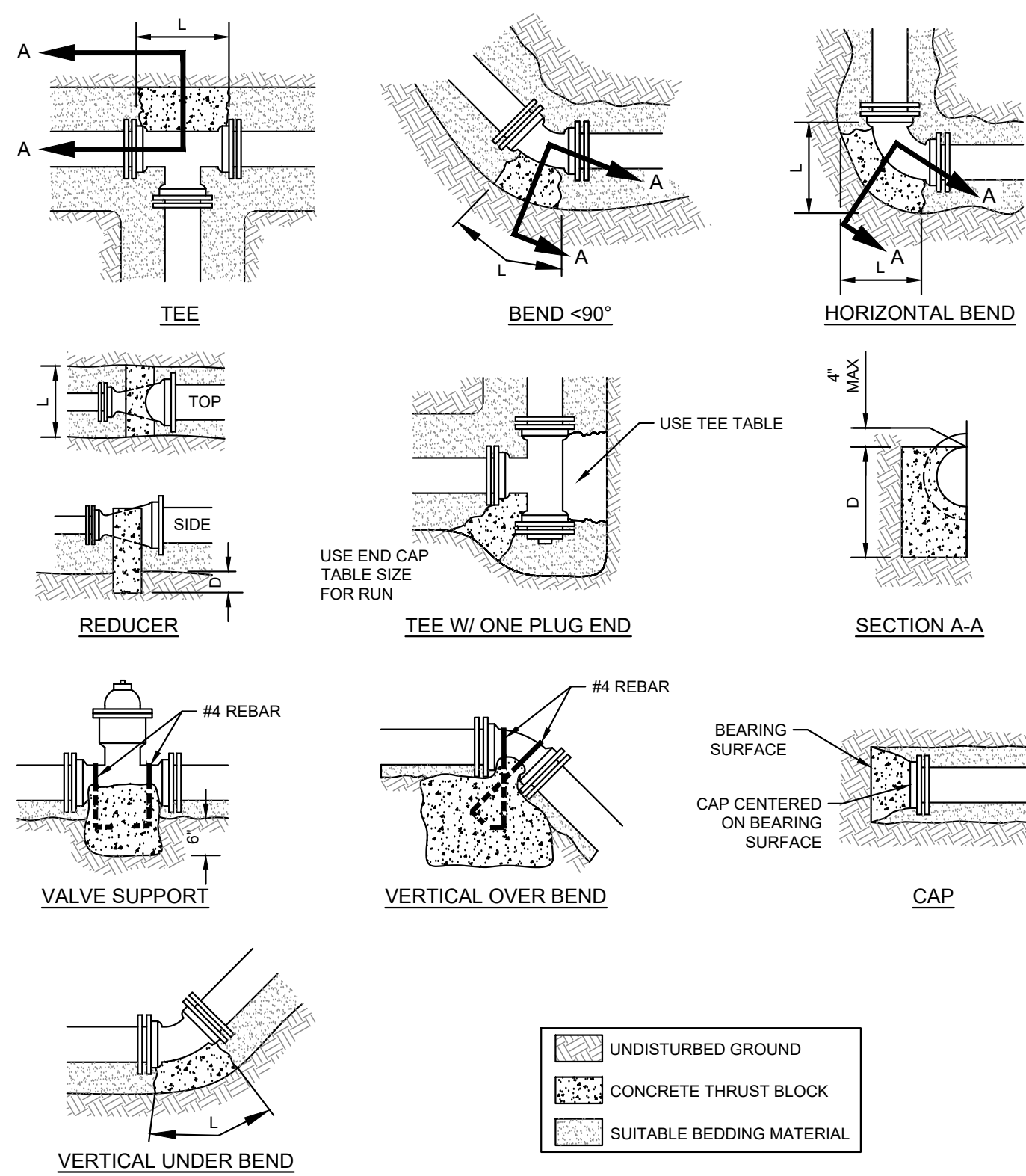
NOTE: PAVEMENT SECTION DESIGN PROVIDED BY OWNER



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END CAP BLOCKING												
SIZE		2"		4"		6"		12"		16"		
BLOCKING AREA		6"x6"		9"x9"		13"x13"		17"x17"		24"x24"		33"x33"
BLOCKING FOR TEES												
BRANCH												
R	4"	6"		8"		12"		16"				
N	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.			
4"	11 8 0.8	18 12 1.9	23 16 3.5	38 22 8.7	49 30 13.8							
6"	11 8 0.8	18 12 1.9	23 16 3.5	38 22 8.7	49 30 13.8							
8"	10 9 0.7	18 12 1.9	23 16 3.5	38 22 8.7	49 30 13.8							
12"	8 12 0.8	18 12 1.9	23 16 3.5	38 22 8.7	49 30 13.8							
16"	6 16 0.8	14 16 2.0	20 18 3.5	38 22 8.7	49 30 13.8							
SIZE OF CONCRETE BLOCKING FOR VERTICAL OVERBEND												
PIPE SIZE	SIZE OF BLOCK		VOLUME Cu. Yd.									
4"	1.5x1.5x1.5		0.13									
6"	2.5x2.5x2.5		0.5									
8"	3x3x3		1									
12"	3.5x3.5x3.5		1.5									
16"	4.5x4.5x4.5		3.5									
BLOCKING FOR REDUCERS												
DEGREE OF BEND												
PIPE SIZE	11.25°		22.5°		45°		90°					
L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.	L" D" Vc.f.				
4"	5 4 0.2	9 5 0.4	14 5 0.6	14 5 0.6	8 4 0.1	8 4 0.1	8 4 0.1	8 4 0.1				
6"	5 6 0.5	12 7 0.7	20 8 1.4	9 1.7	8 4 0.1	8 4 0.1	8 4 0.1	8 4 0.1				
8"	9 8 0.7	16 9 1.4	24 12 2.7	25 11 4	8 4 0.1	8 4 0.1	8 4 0.1	8 4 0.1				
12"	14 12 1.8	24 14 3.6	36 18 6.8	32 18 10.7	12 4 0.1	12 4 0.1	12 4 0.1	12 4 0.1				
16"	18 16 3.4	32 18 6.7	36 32 13.4	41 26 25.6	16 4 0.1	16 4 0.1	16 4 0.1	16 4 0.1				
VALVE SUPPORTS												
VALVE SIZE		WIDTH		Vc.f.								
4"		16"		0.3								
6"		17"		0.4								
8"		20"		0.4								
12"		24"		0.5								
16"		30"		0.5								

- NOTES:
- CONCRETE SHALL NOT LAP ONTO BOLTS.
 - EMBED REINFORCING 12" MIN. INTO CONCRETE HOOK ENDS.
 - BACKER DESIGNED FOR 3000 PSF SOIL BEARING. BASE AREA OF CONCRETE BLOCKING TO BE DETERMINED BY ENGINEER FROM SIZE AND PRESSURE IN PIPE AND PERMISSIBLE BEARING CAPACITY OF SOIL. NO EXTRA PAYMENT WILL BE MADE FOR CONCRETE WHERE IT IS NECESSARY TO USE MORE THAN IS SHOWN IN TABLE.

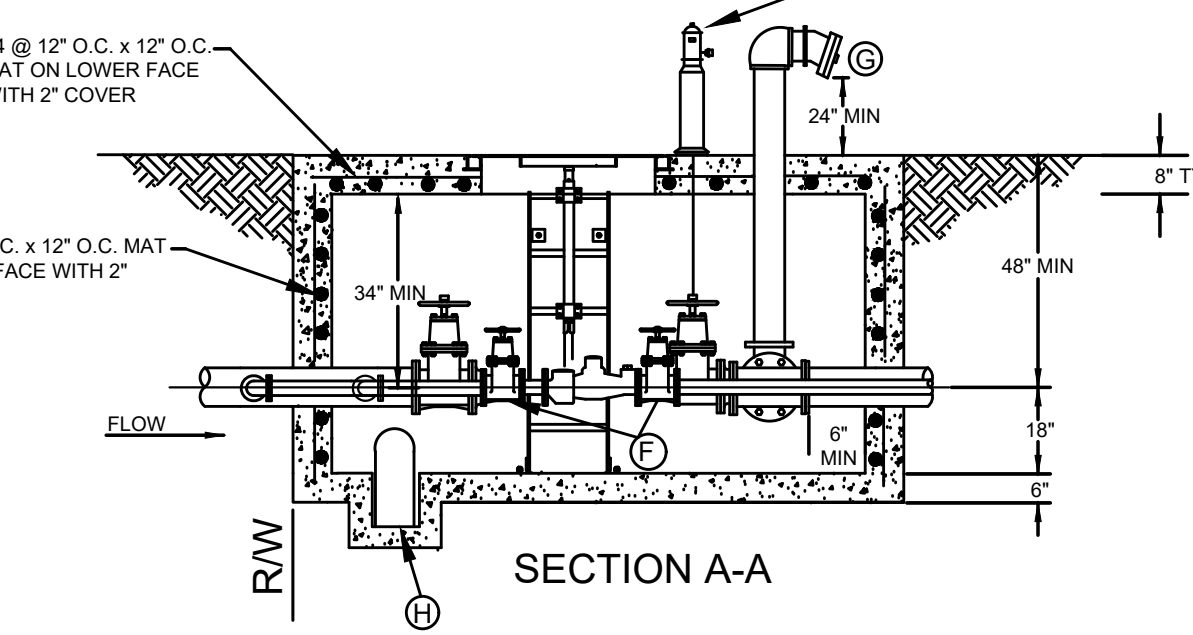
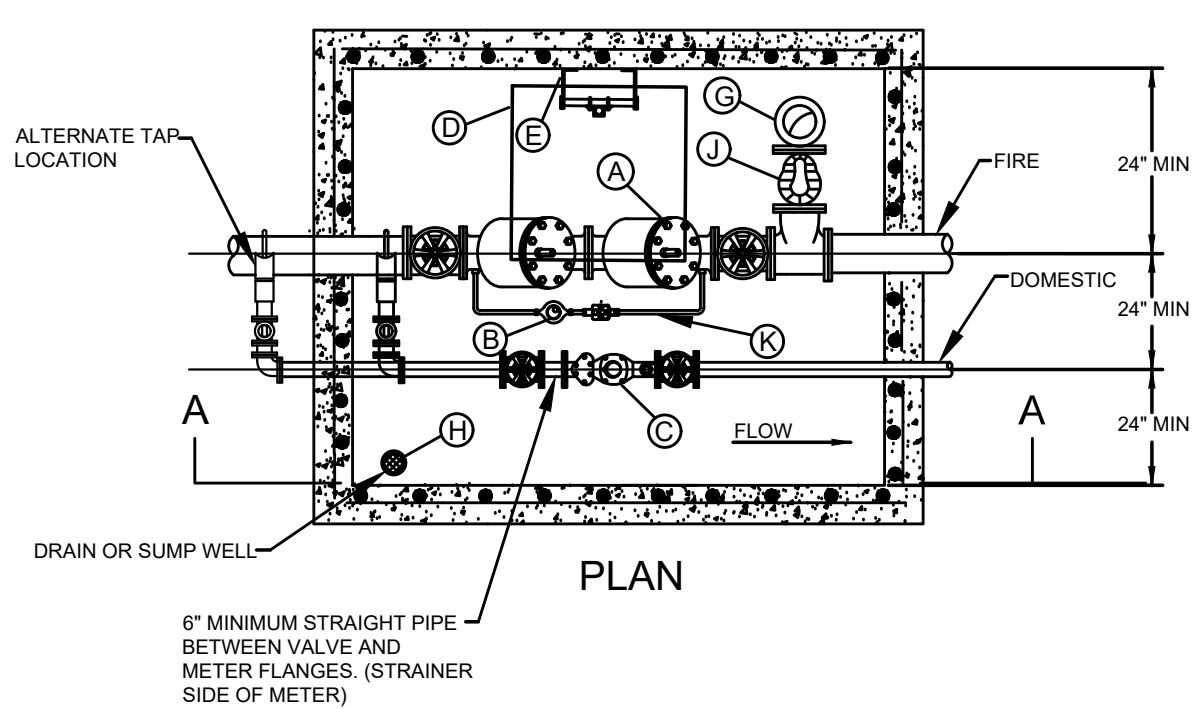
CONCRETE THRUST BLOCKING DETAIL
N.T.S.

12
C002

OMNI METER INSTALLATION INSTRUCTIONS

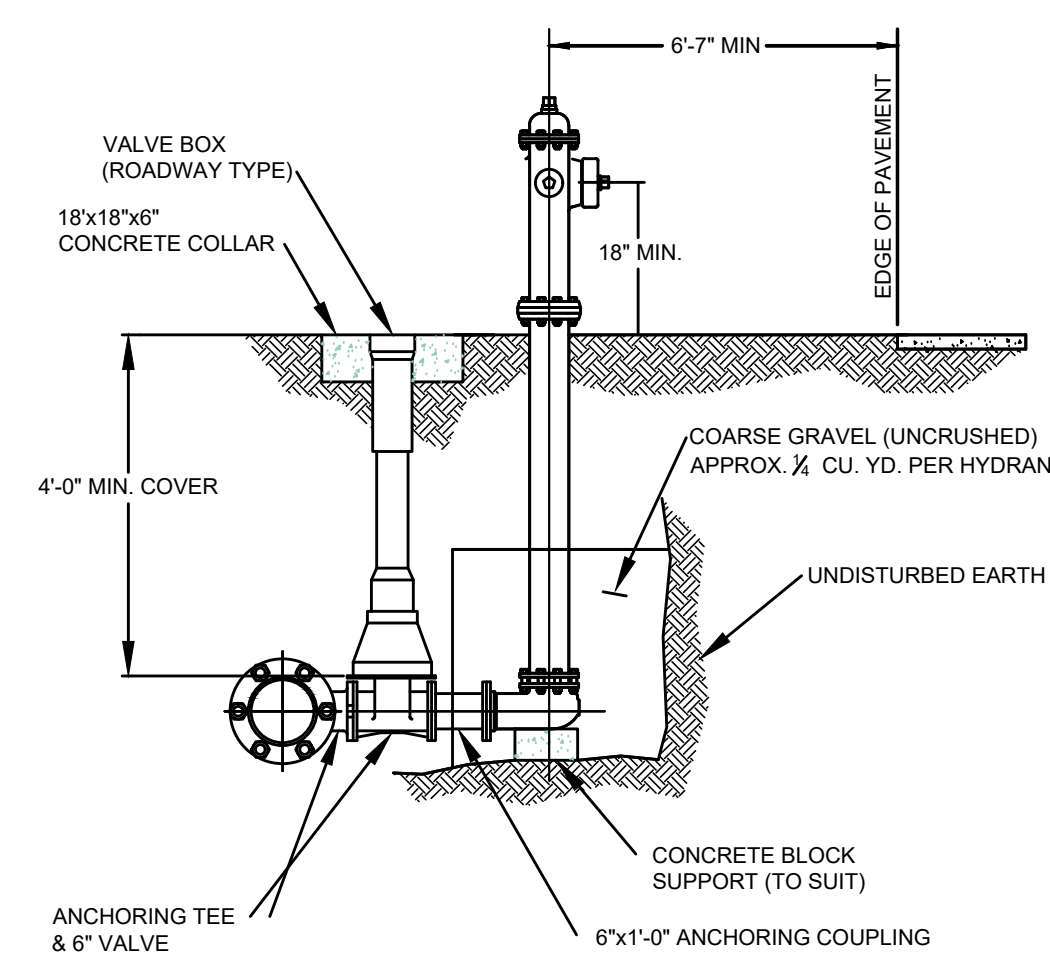
- WHEN INSTALLING SENSUS OMNI METERS WITH THE STRAINER, A MINIMUM OF 2 1/2 PIPE DIAMETERS OF STRAIGHT RUN OF PIPE OR EQUIVALENT FULL OPEN COMPONENTS IS REQUIRED UPSTREAM AND DOWNSTREAM OF THE METER OR STRAINER FLANGES. FULL OPEN FLOW COMPONENTS MAY CONSIST OF STRAIGHT PIPE, FULL OPEN GATE VALVES, BYPASS TEES AND CONCENTRIC REDUCERS (1 NOMINAL PIPE SIZE REDUCTION ONLY). FOR ALL OTHER INSTALLATION CONFIGURATIONS, A MINIMUM OF 5 PIPE DIAMETERS OF STRAIGHT RUN IS REQUIRED UPSTREAM.
 - GATE VALVES LOCATED IMMEDIATELY UPSTREAM OR DOWNSTREAM ARE ACCEPTABLE, PROVIDED THEY ARE FULLY OPEN DURING METER SERVICE AND ARE NOT USED TO THROTTLE FLOW RATES THROUGH THE METER.
 - INSTALL NONCONCENTRIC REDUCERS, CHECK VALVES, BACKFLOW PREVENTERS, PRV (PRESSURE REDUCING VALVES), THROTTLING DEVICES, ALTITUDE VALVES NO CLOSER THAN 4 PIPE DIAMETERS DOWNSTREAM OF THE METER. ALWAYS AVOID PLACING ANY OF THESE DEVICES UPSTREAM OF ANY METER SINCE THE PLACEMENT WILL PUT THE METER IN A LOW PRESSURE ZONE, THIS POSSIBLY CAUSING INCONSISTENT ACCURACY AND REDUCED LONGEVITY.
- NOTE: OMNI METERS CAN BE INSTALLED VERTICALLY OR ROTATED ON THE BOLT PATTERN IN ANY ORIENTATION.

METER SIZE & TYPE	MIN. C
1 1/2" T2 OMNI	13"
1 1/2" C2 OMNI	13"
2" T2 OMNI	17"
2" C2 OMNI	15 1/4"
3" T2 OMNI	19"
3" C2 OMNI	17"
4" T2 OMNI	23"
4" C2 OMNI	20"
6" T2 OMNI	27"
6" C2 OMNI	24"



BUTLER COUNTY WATER AND SEWER
DUAL SERVICE SETTING W/ BACKFLOW DEVICE

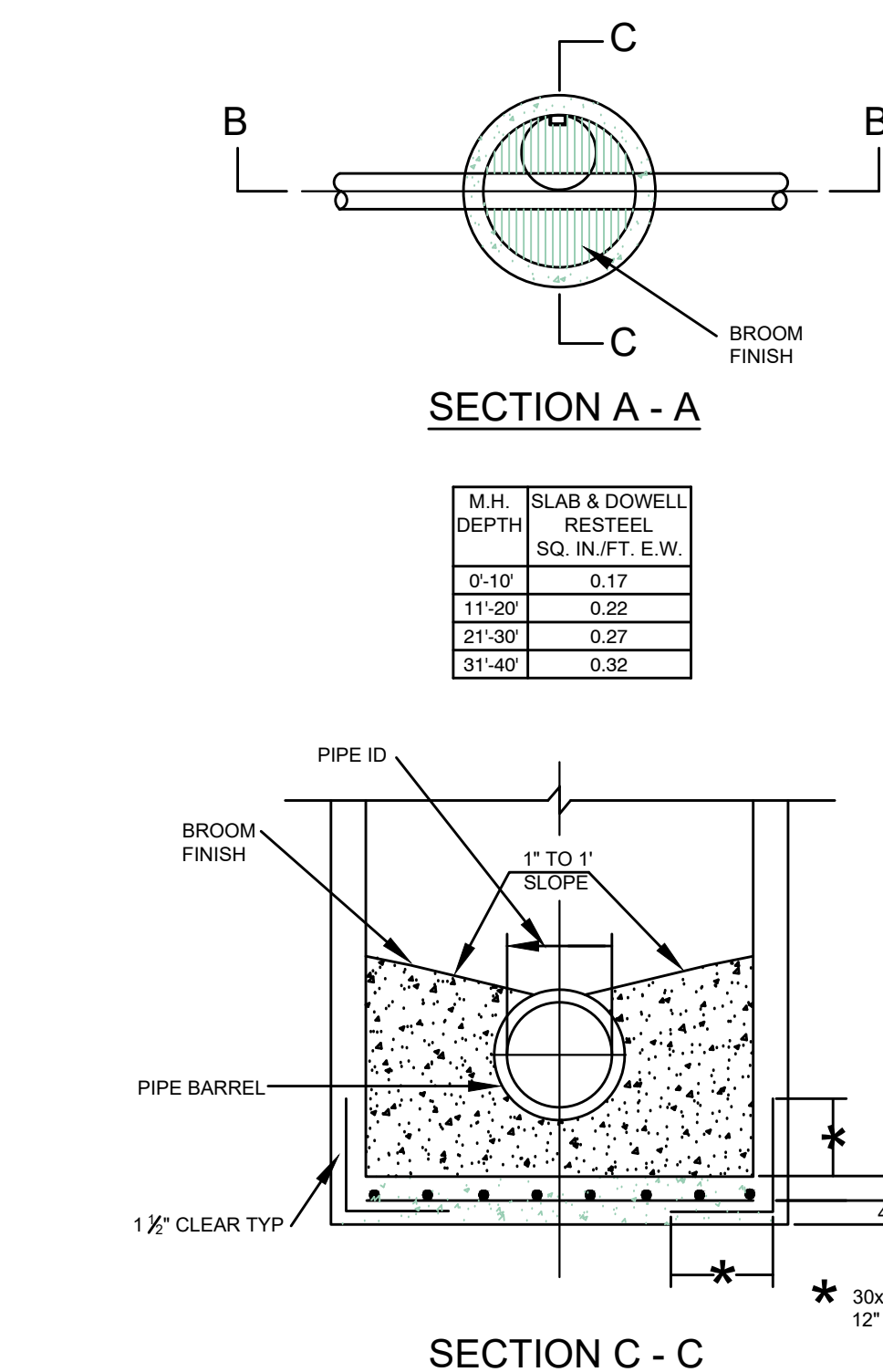
13
C002



- NOTES:
- VERIFY LOCATION OF F.H. RELATIVE TO WATER MAIN ON PLANS.
 - CHECK STREET DETAILS FOR RELATIONSHIP BETWEEN MAIN, STREET AND F.H.
 - PER FIRE DEPARTMENT, FIRE HYDRANTS TO BE EQUIPPED WITH 5" LOCKING STORZ FITTINGS.

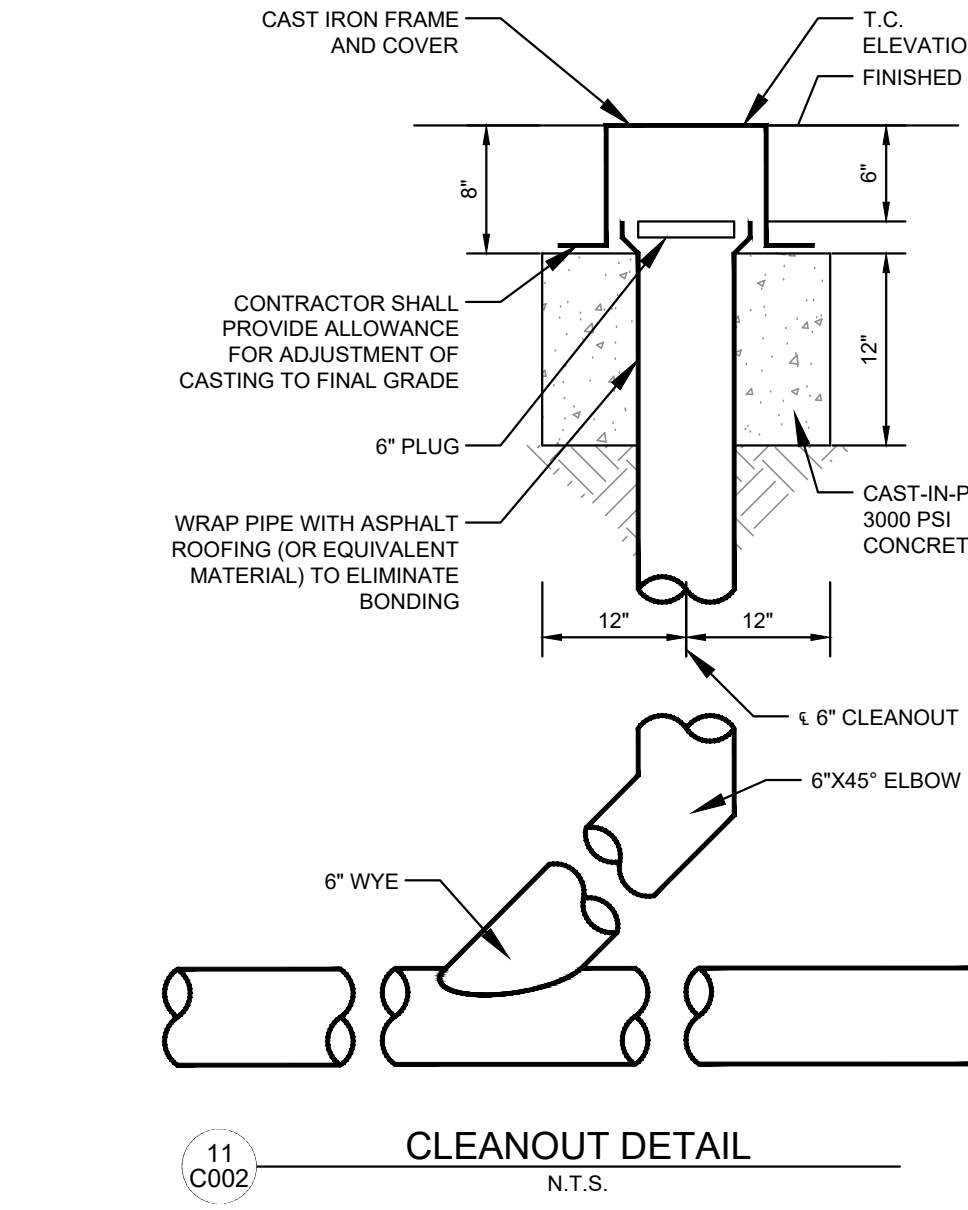
BUTLER COUNTY WATER AND SEWER
TYPICAL FIRE HYDRANT INSTALLATION

15
C002

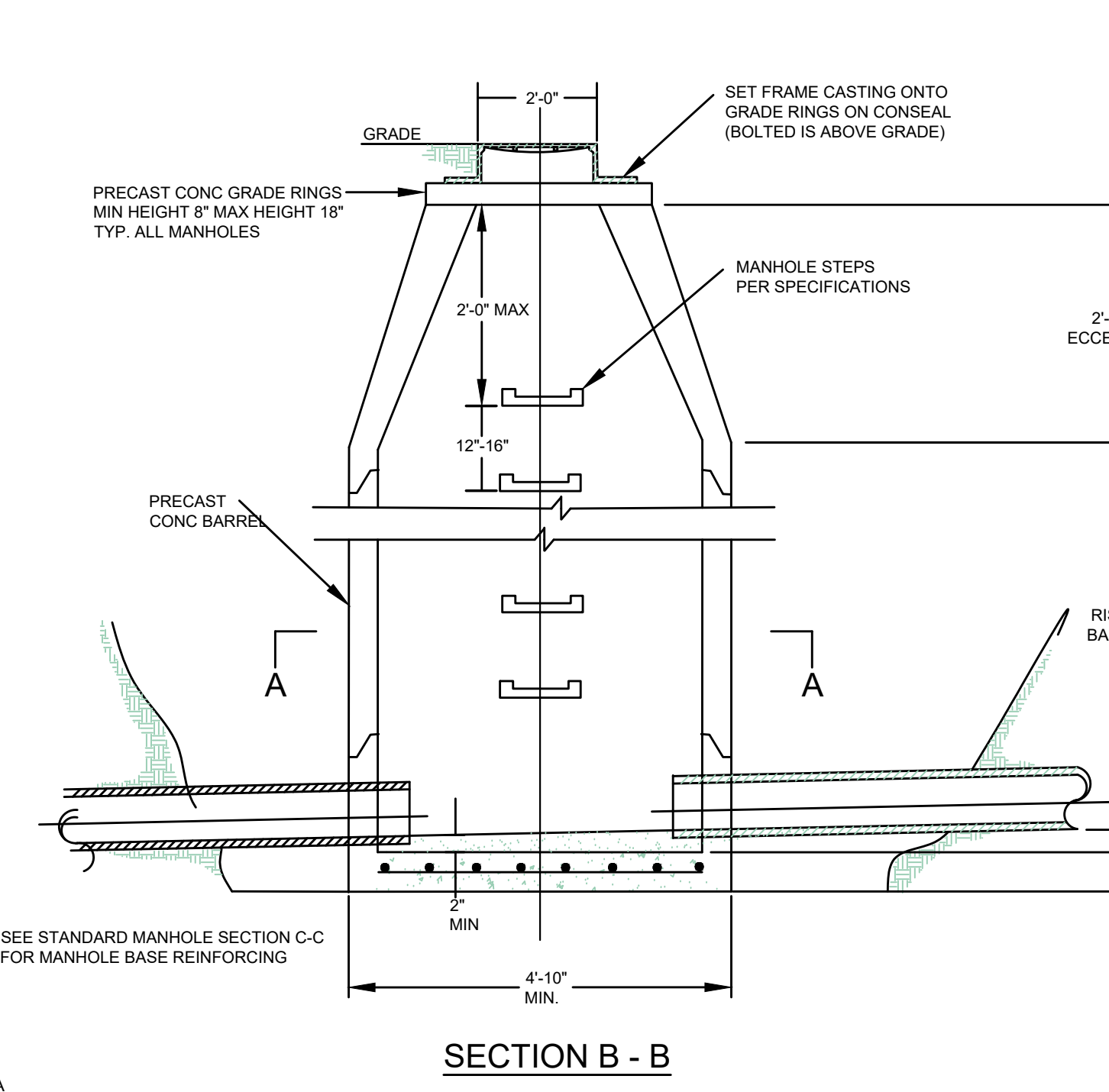


BUTLER COUNTY WATER AND SEWER
STANDARD SANITARY MANHOLE

8
C002

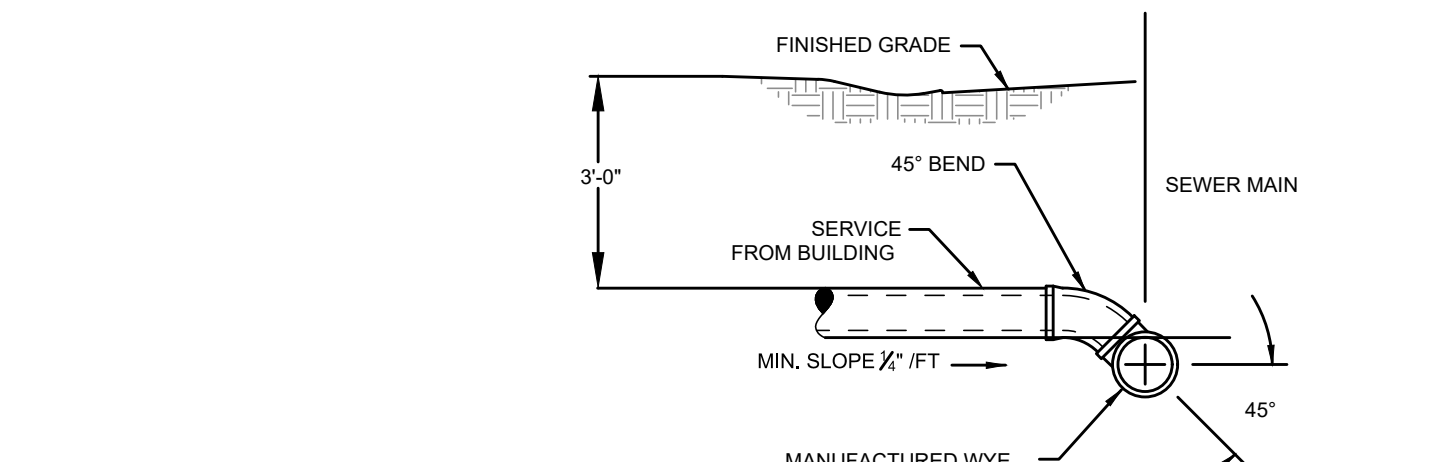


11
C002

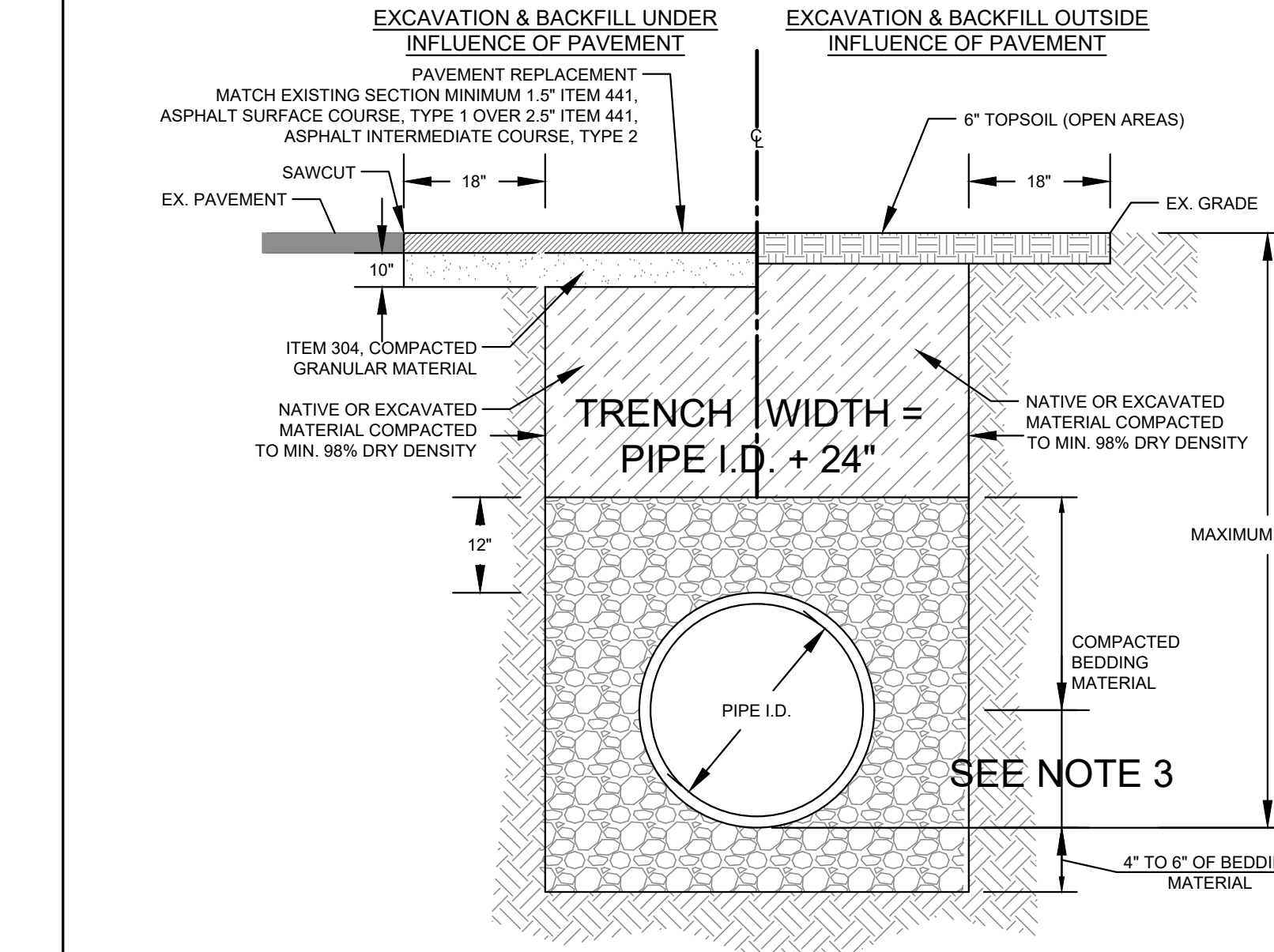


BUTLER COUNTY WATER AND SEWER
TYPICAL TRENCH DETAIL FOR WATER AND SANITARY INSTALLATION

9
C002



10
C002



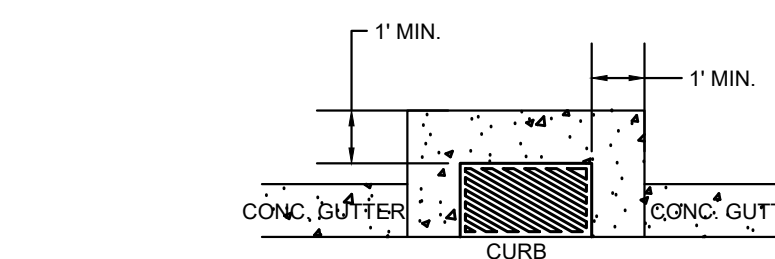
- NOTES:
- ALL PIPE BEDDING IS TO CONSIST OF 8" 9S, OR WASHED 57S.
 - REFER TO OSHA REQUIREMENTS FOR MAXIMUM ALLOWABLE TRENCH SLOPES.
 - THE BEDDING FOR THIS PORTION OF THE PIPE EMBEDMENT ZONE MUST BE RECOMPACTED TO PROPER DENSITIES AFTER MOVING SUPPORT SYSTEM FORWARD.
 - PROVIDE FILTER FABRIC WHEN VERY FINE OR UNSTABLE MATERIAL IS ENCOUNTERED.
 - APPLY ITEM 407 TACK COAT TO VERTICAL FACE OF SAWCUT PAVEMENT.

STORM SEWER UTILITY CONDUIT
OPEN CUT DETAIL

6
C002

NOT USED

1
C002

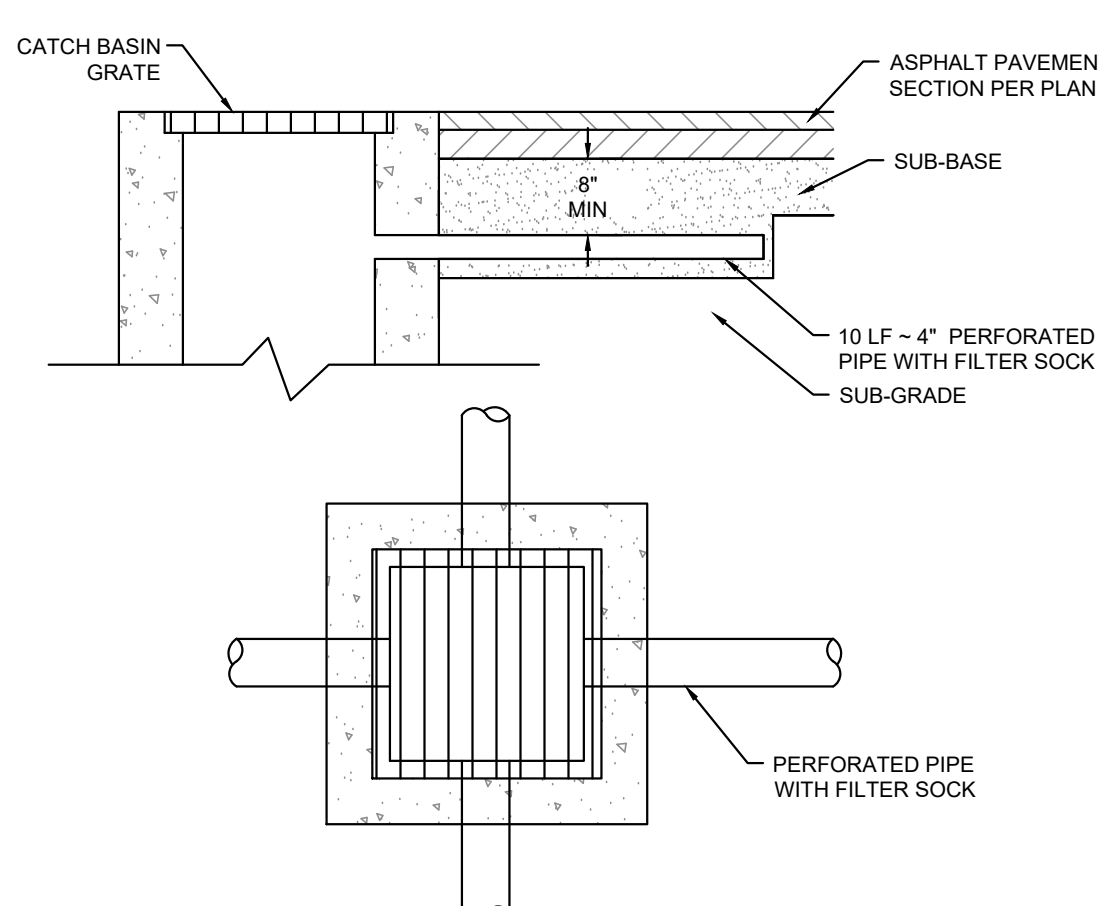


CURB INLET CATCH BASIN DETAIL

2
C002

NOT USED

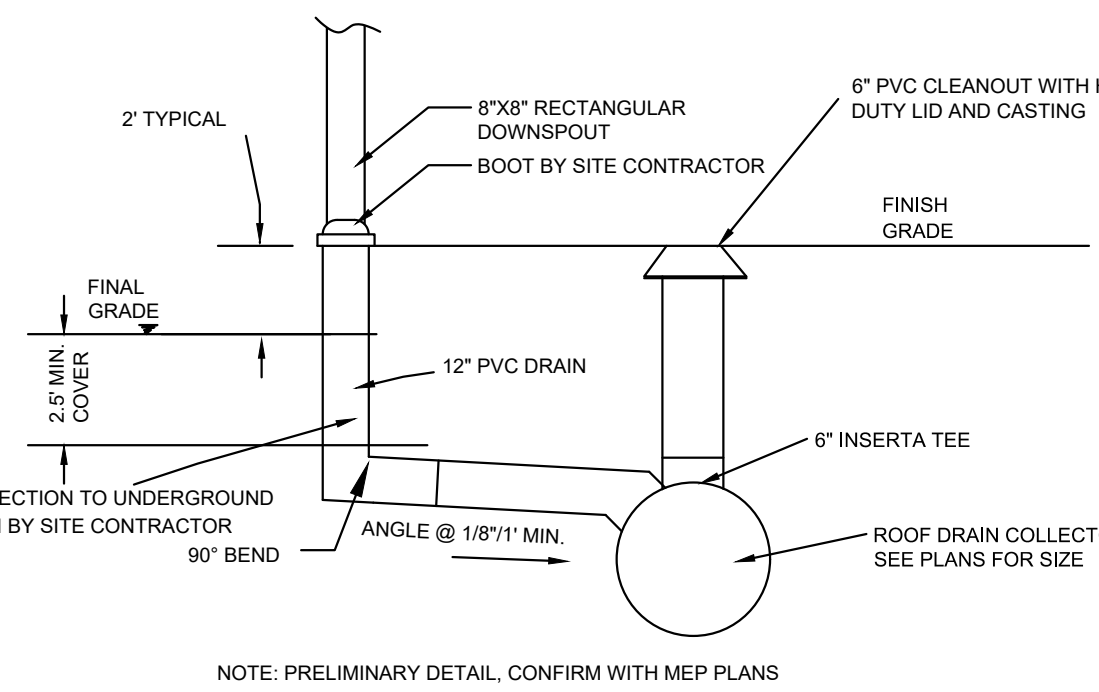
3
C002



- NOTE:
- INSTALL FINGER DRAINS AT ALL CATCH BASINS IN PAVEMENT.
 - FOR CURB INLETS, FINGER DRAINS WILL EXTEND PARALLEL TO CURBS.

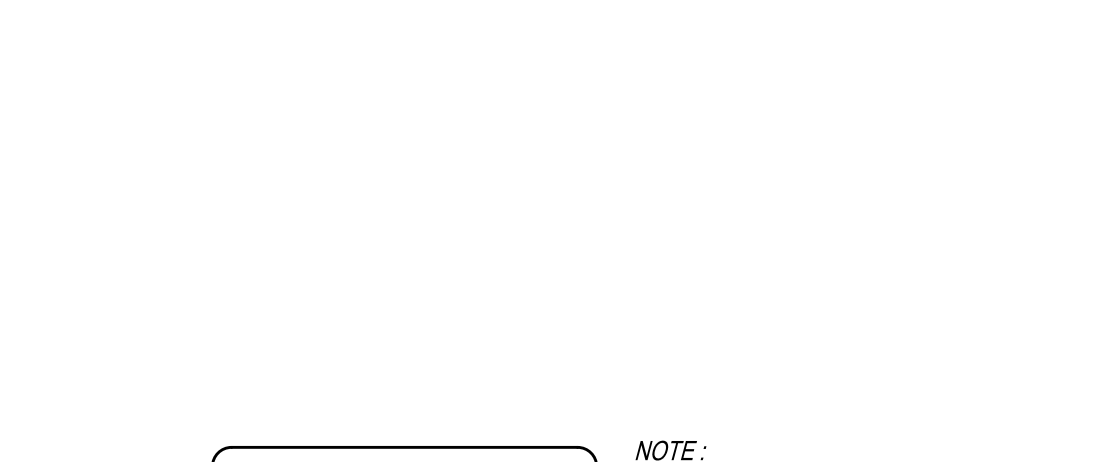
FINGER DRAIN DETAIL

4
C002



DOWNSPOUT CONNECTION DETAIL

5
C002



OHIO Utilities Protection SERVICE
811 or 1-800-362-2764
Call Before You Dig

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EXISTING LEGEND

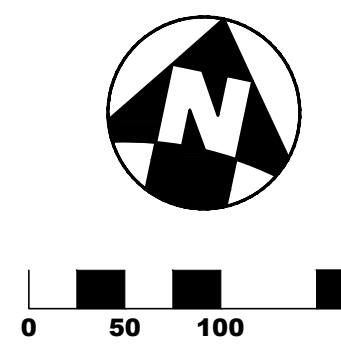
- EXISTING CONTOUR
- EXISTING STORM LINE
- EXISTING SANITARY LINE
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING EASEMENT
- EXISTING STORM STRUCTURES
- EXISTING SANITARY STRUCTURES
- EXISTING WATER STRUCTURES
- EXISTING GAS STRUCTURES
- EXISTING SIGN

DEMOLITION LEGEND

- PAVEMENT SAWCUT
- FLOODPLAIN LEGEND (FIRM 39017C0326F, 39017C0327F, 39017C0328F, & 39017C0329F)
- ZONE X (OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN)
- ZONE X (0.2 ANNUAL CHANCE FLOOD, 1% ANNUAL CHANCE FLOOD WITH < 1' DEPTH OR WITH DRAINAGE AREAS OF LESS THAN ONE SQUARE MILE)
- ZONE AE (AREAS SUBJECT TO INUNDATION BY 1% ANNUAL CHANCE FLOOD, DETERMINED BASE FLOOD ELEVATIONS)
- REGULATORY FLOODWAY

EXISTING & DEMOLITION NOTES

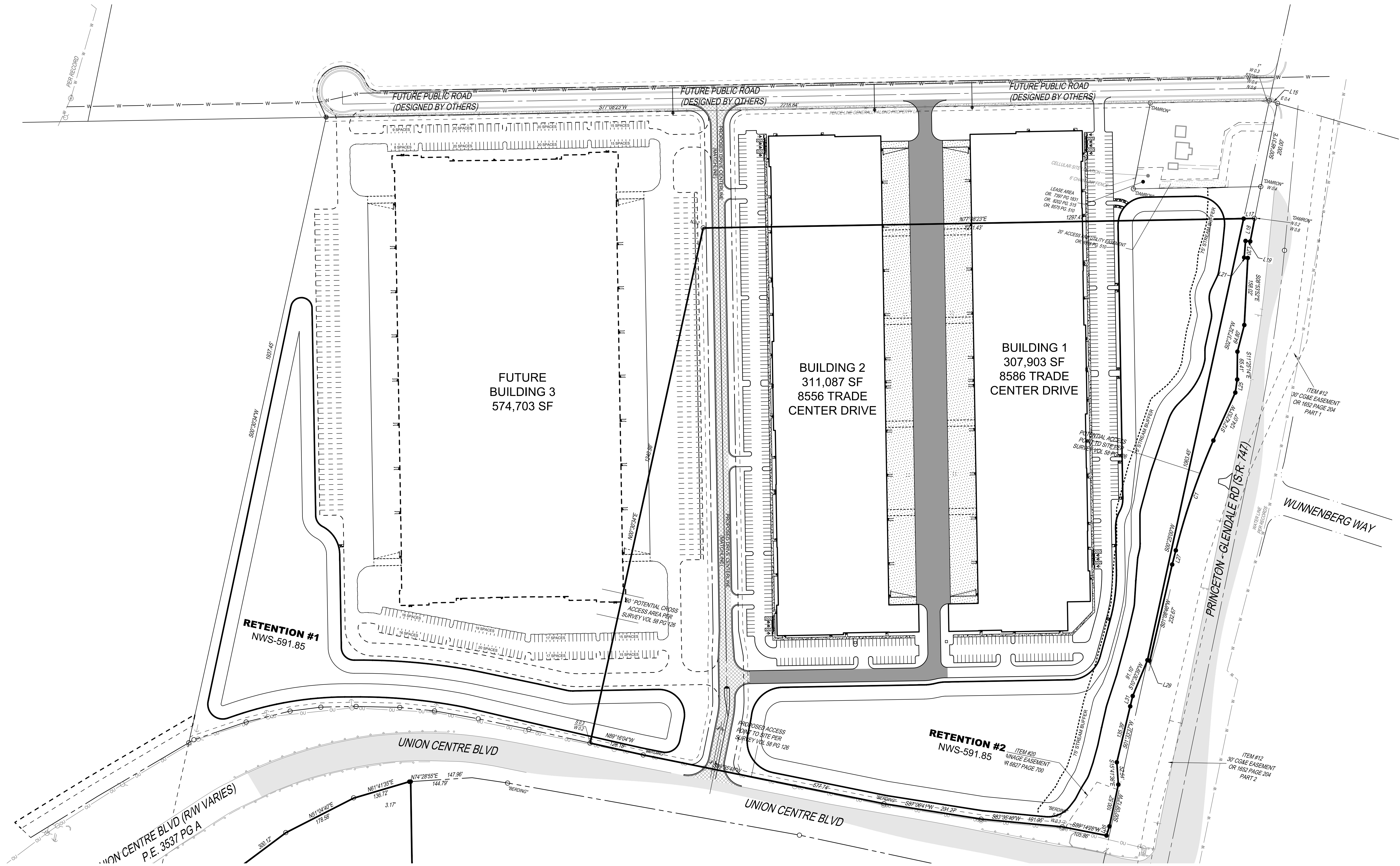
- EXISTING TOPO WITHIN SUBJECT PROPERTY REPRESENTS PROPOSED GRADES FROM SEPARATE SET OF MASS GRADING CONSTRUCTION DRAWINGS.
- UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES BEFORE CONSTRUCTION BEGINS.



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SITE DATA

ZONE & LAND USE:

EXISTING ZONE: B-2 "COMMUNITY BUSINESS DISTRICT" M-2 "GENERAL INDUSTRIAL DISTRICTS"

M-2 ZONING DISTRICT DIMENSIONS:

FRONT YARD DEPTH: 25 FT
SIDE YARD DEPTH: 5 FT
REAR YARD DEPTH: 40 FT
PROPOSED: 47.37% (85% MAXIMUM)
FUTURE: 78.05%

PARKING CALCULATION TABLE:

REQUIRED SPACES PER GENERAL PROVISIONS FOR INDUSTRIAL DISTRICTS:
-1.0 PER 3,000 SF OF GROSS FLOOR AREA
-1.0 PER 400 SF OF OFFICE USE AREA
-STANDARD 90' PARKING STALL, 18' X 9'

REQUIRED SPACES PER GROSS FLOOR AREA (OFFICE SPACE CURRENTLY UNKNOWN):
BUILDING 1: 307,903 SF (7.068 AC) = 103 SPACES REQUIRED
BUILDING 2: 311,087 SF (7.142 AC) = 104 SPACES REQUIRED
BUILDING 3: 574,703 SF (13.193 AC) = 192 SPACES REQUIRED

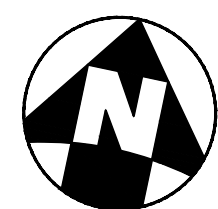
PROVIDED SPACES:
BUILDING 1: 245 SPACES (7 ADA, 238 STANDARD)
BUILDING 2: 292 SPACES (7 ADA, 285 STANDARD)
BUILDING 3: 218 SPACES

ADA REQUIREMENTS:

ADA SPACES:
BUILDING 1: 201-300 SPACES, 7 MINIMUM ADA SPACES (INCLUDING 2 VAN ACCESSIBLE SPACES)
BUILDING 2: 201-300 SPACES, 7 MINIMUM ADA SPACES (INCLUDING 2 VAN ACCESSIBLE SPACES)

ENTRANCES:
BUILDING 1: 16 OF 16 OF PUBLIC ENTRANCES (100%) ARE ACCESSIBLE
BUILDING 2: 17 OF 17 OF PUBLIC ENTRANCES (100%) ARE ACCESSIBLE

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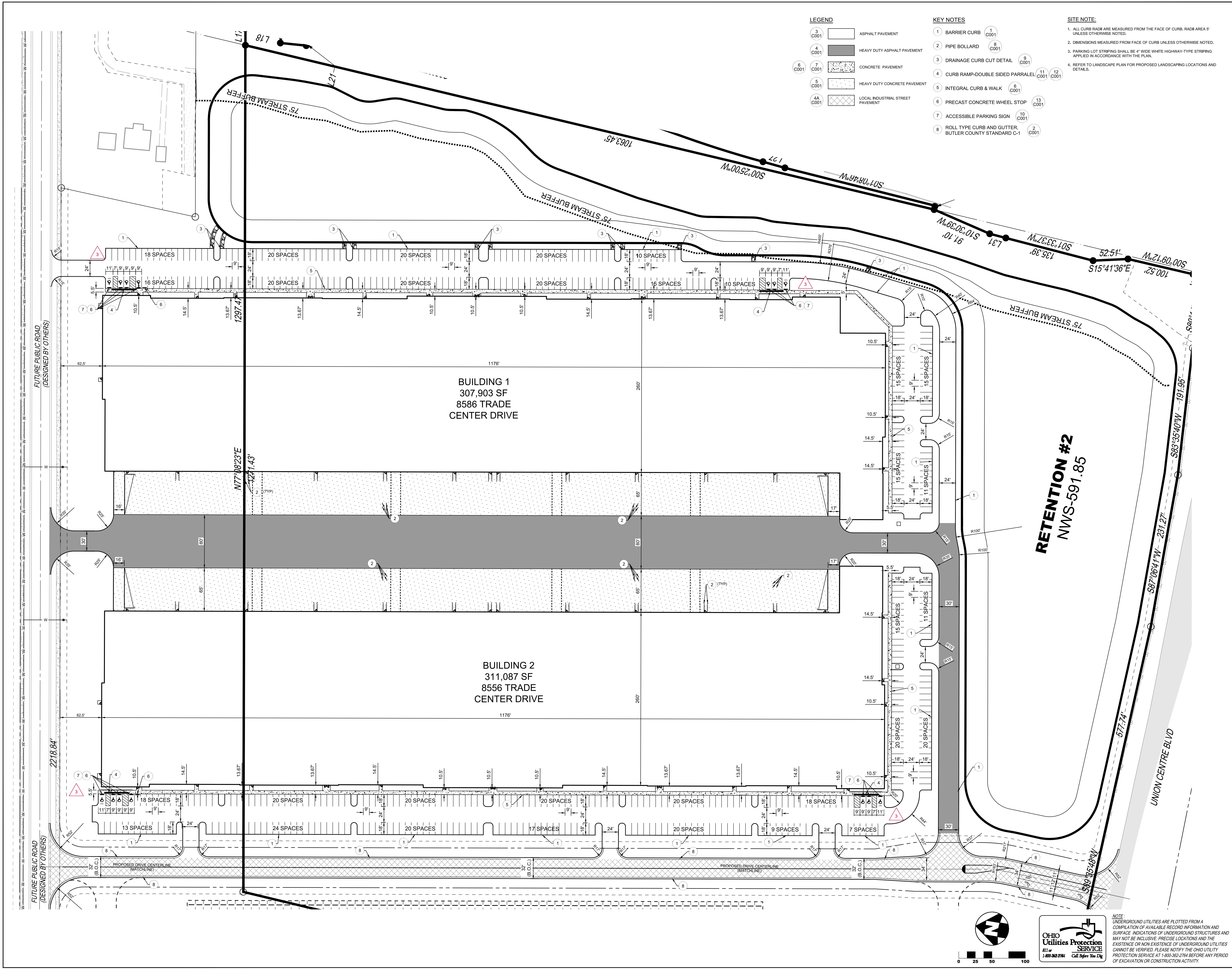
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C200
OVERALL LOCATION PLAN



LEGEND

- 1 C001 ASPHALT PAVEMENT
- 2 C001 HEAVY DUTY ASPHALT PAVEMENT
- 3 C001 CONCRETE PAVEMENT
- 4 C001 HEAVY DUTY CONCRETE PAVEMENT
- 5 C001 LOCAL INDUSTRIAL STREET PAVEMENT

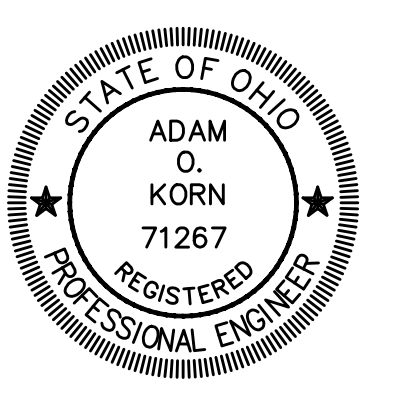
KEY NOTES

- 1 BARRIER CURB
- 2 PIPE BOLLARD
- 3 DRAINAGE CURB CUT DETAIL
- 4 CURB RAMP-DOUBLE SIDED PARALLEL
- 5 INTEGRAL CURB & WALK
- 6 PRECAST CONCRETE WHEEL STOP
- 7 ACCESSIBLE PARKING SIGN
- 8 ROLL TYPE CURB AND GUTTER, BUTLER COUNTY STANDARD C-1

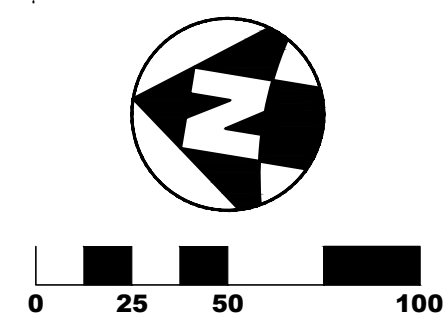
SITE NOTE:

- 1. ALL CURB RADI ARE MEASURED FROM THE FACE OF CURB. RADII AREA 5' UNLESS OTHERWISE NOTED.
- 2. DIMENSIONS MEASURED FROM FACE OF CURB UNLESS OTHERWISE NOTED.
- 3. PARKING LOT STRIPING SHALL BE 4" WIDE WHITE HIGHWAY-TYPE STRIPING APPLIED IN ACCORDANCE WITH THE PLAN.
- 4. REFER TO LANDSCAPE PLAN FOR PROPOSED LANDSCAPING LOCATIONS AND DETAILS.

Project No.	160651.002	
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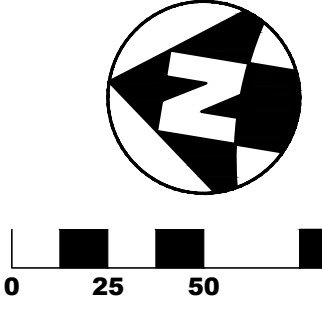


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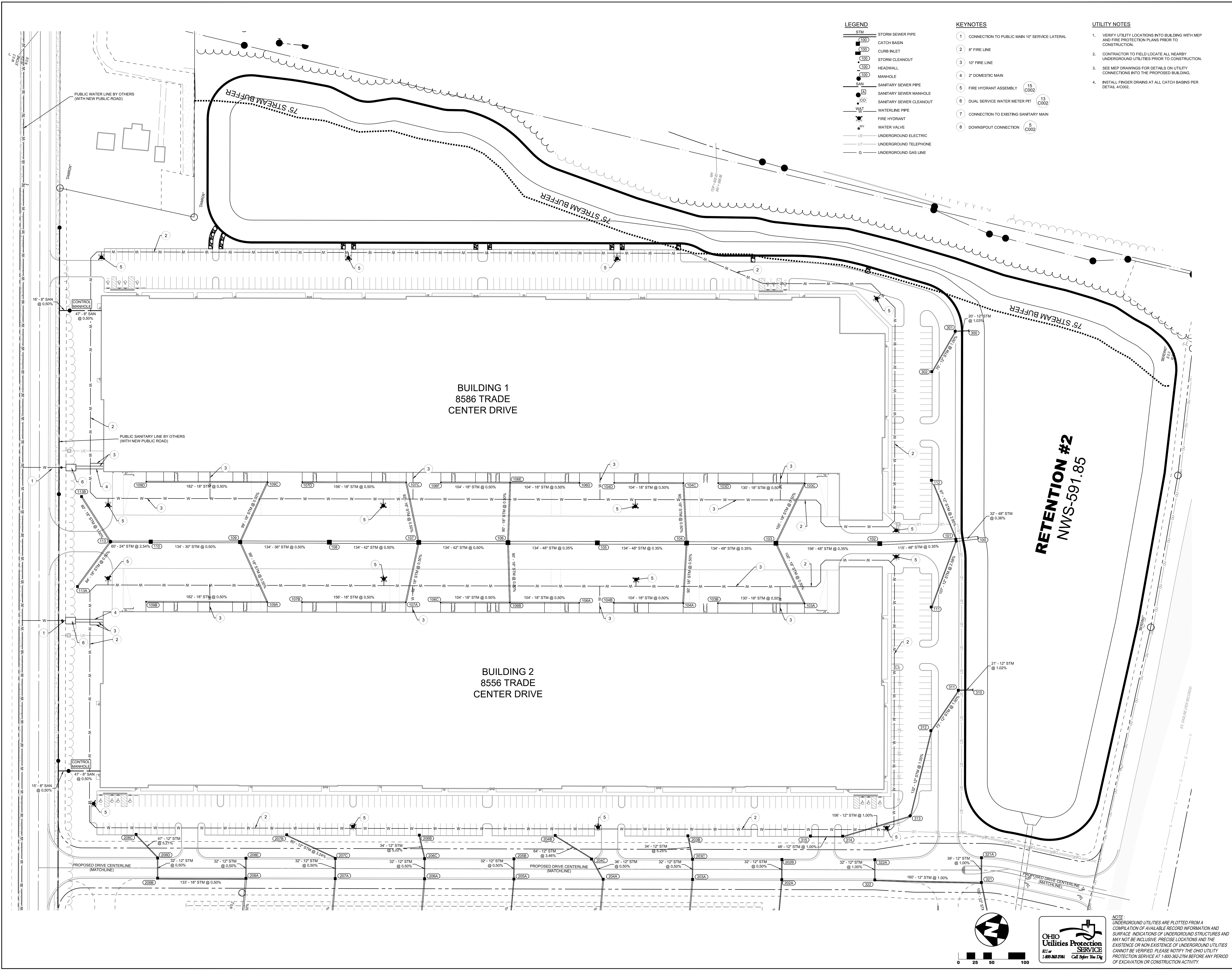




BUILDING 1 & BUILDING

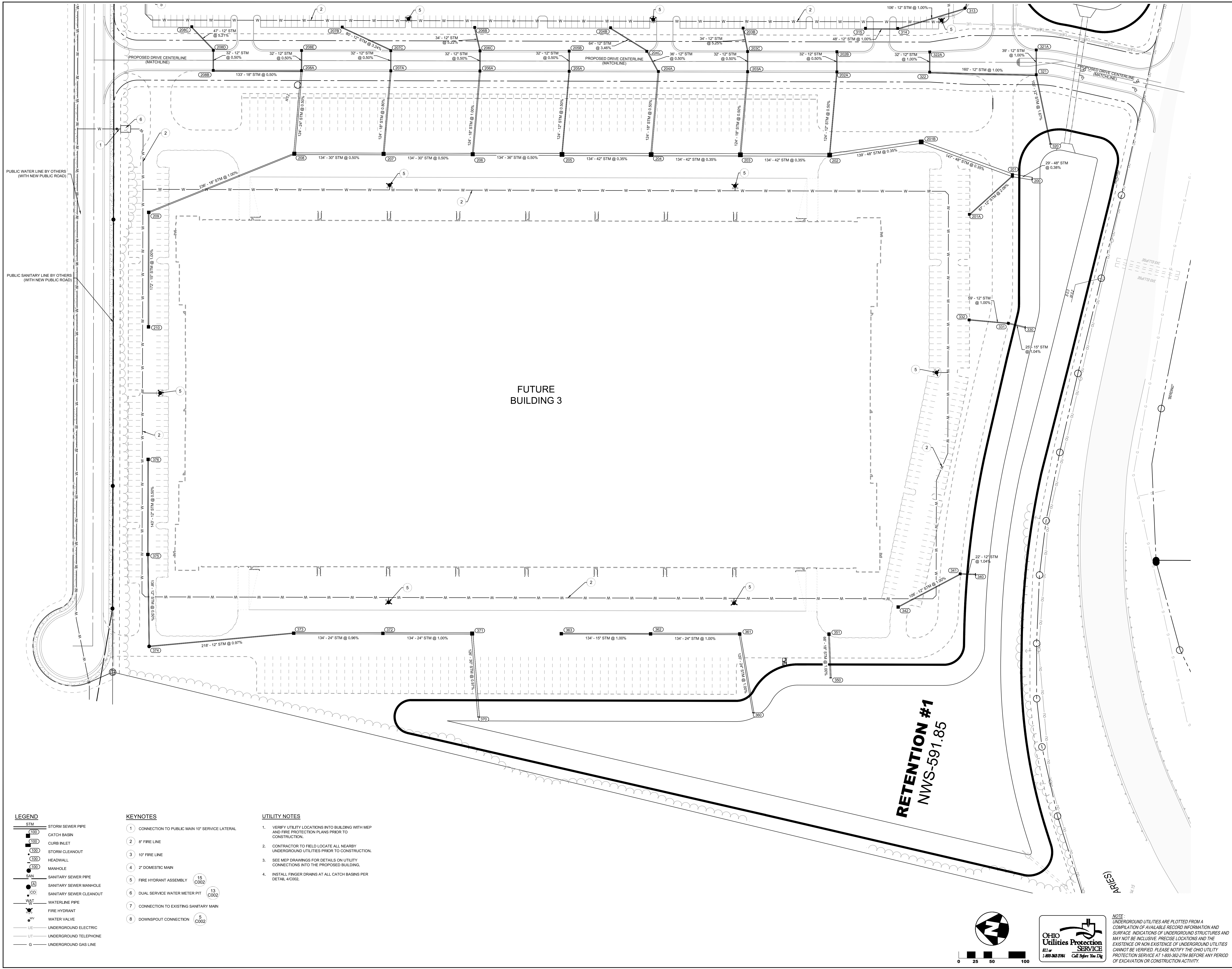


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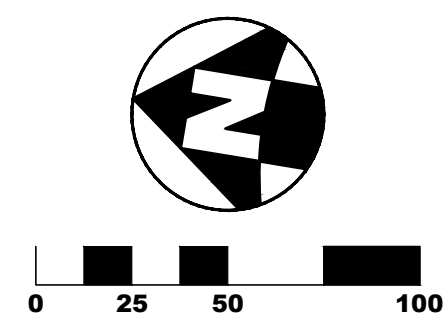
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- LEGEND**
- STM STORM SEWER PIPE
 - (100) CATCH BASIN
 - (100) CURB INLET
 - (100) STORM CLEANOUT
 - (100) HEADWALL
 - (100) MANHOLE
 - SAN SANITARY SEWER PIPE
 - (A) SANITARY SEWER MANHOLE
 - (CO) SANITARY SEWER CLEANOUT
 - WAT WATERLINE PIPE
 - Fire Hydrant
 - Water Valve
 - UE UNDERGROUND ELECTRIC
 - UT UNDERGROUND TELEPHONE
 - G UNDERGROUND GAS LINE

- KEYNOTES**
- 1 CONNECTION TO PUBLIC MAIN 10" SERVICE LATERAL
 - 2 8" FIRE LINE
 - 3 10" FIRE LINE
 - 4 2" DOMESTIC MAIN
 - 5 FIRE HYDRANT ASSEMBLY 15 C002
 - 6 DUAL SERVICE WATER METER PIT 13 C002
 - 7 CONNECTION TO EXISTING SANITARY MAIN
 - 8 DOWNSPOUT CONNECTION 5 C002

- UTILITY NOTES**
1. VERIFY UTILITY LOCATIONS INTO BUILDING WITH MEP AND FIRE PROTECTION PLANS PRIOR TO CONSTRUCTION.
 2. CONTRACTOR TO FIELD LOCATE ALL NEARBY UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 3. SEE MEP DRAWINGS FOR DETAILS ON UTILITY CONNECTIONS INTO THE PROPOSED BUILDING.
 4. INSTALL FINGER DRAINS AT ALL CATCH BASINS PER DETAIL 4/C002.



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NorthPoint DEVELOPMENT
RINCK FARM
BUILDING 1 & BUILDING 2
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8556 Trade Center Drive West Chester, OH 45069

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STATE OF OHIO
ADAM O. KORN
71267
REGISTERED PROFESSIONAL ENGINEER

C302
ENLARGED UTILITY PLAN



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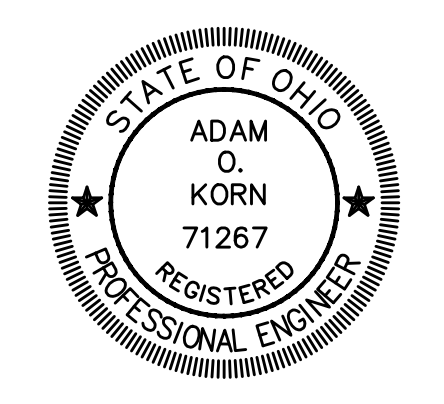
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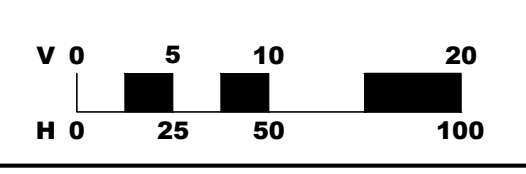
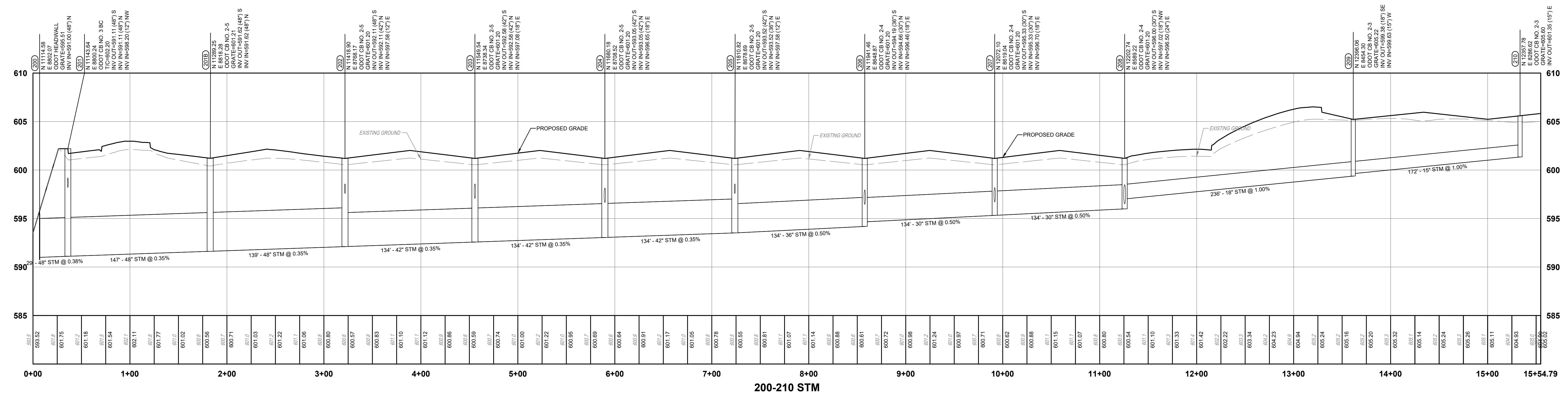
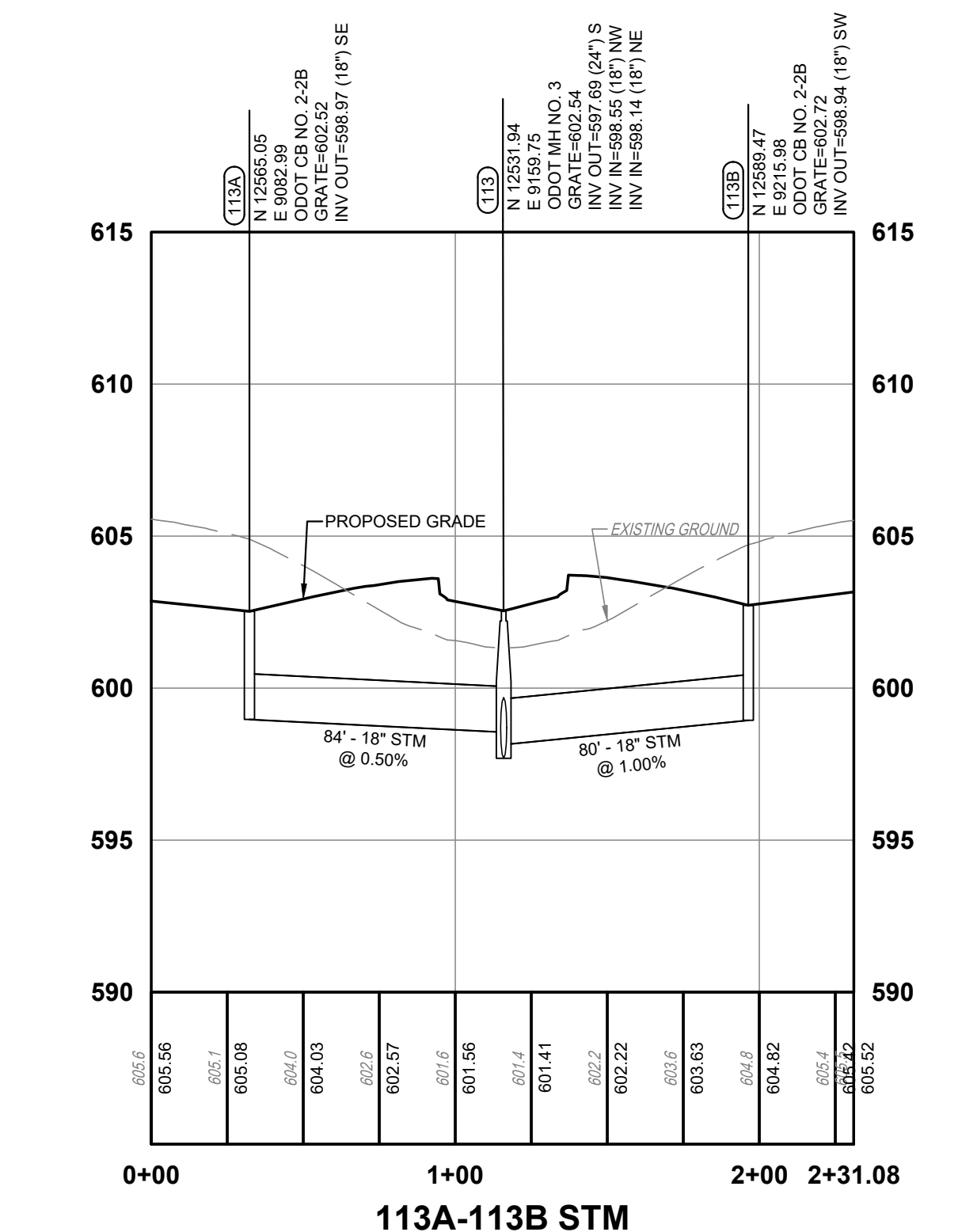
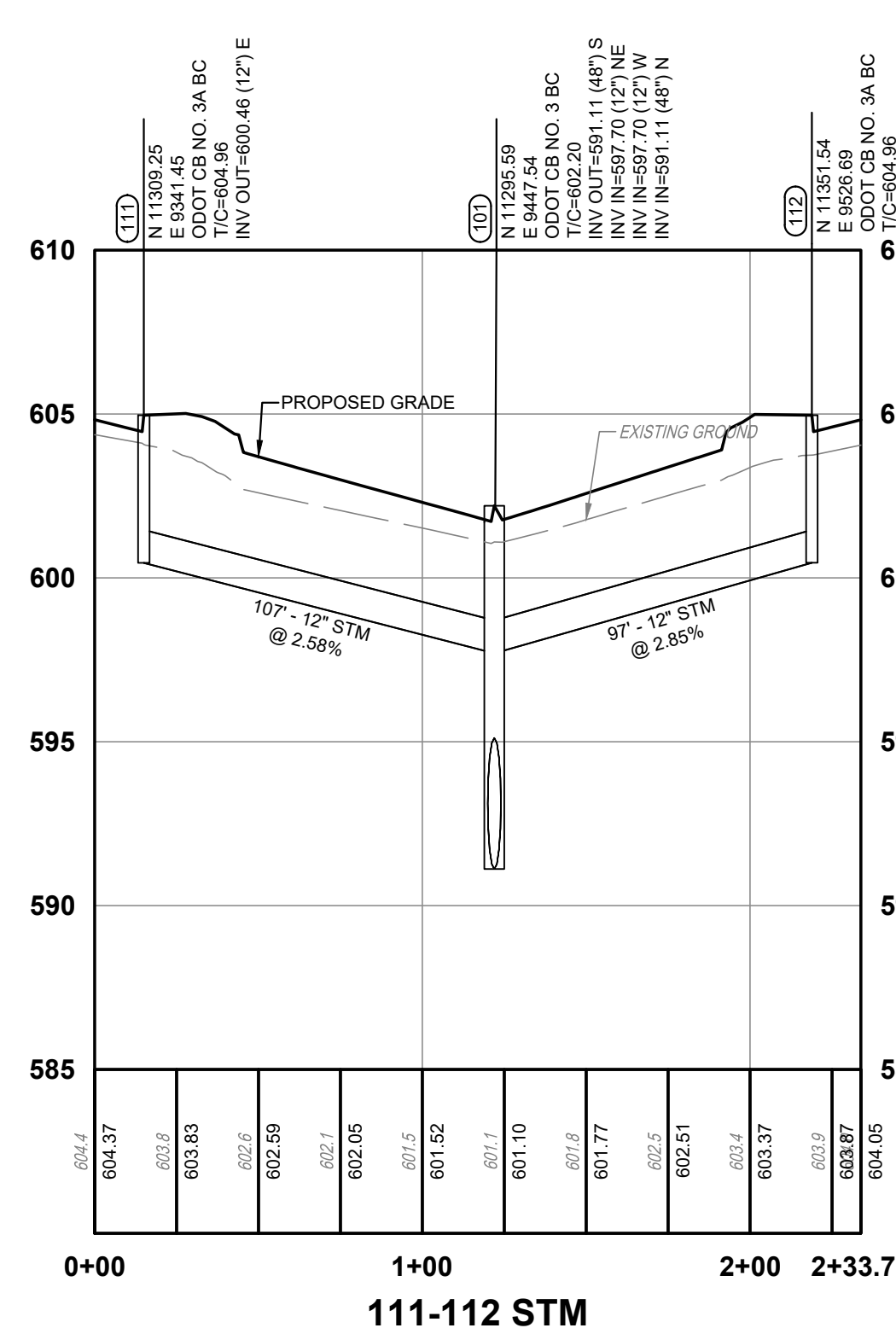
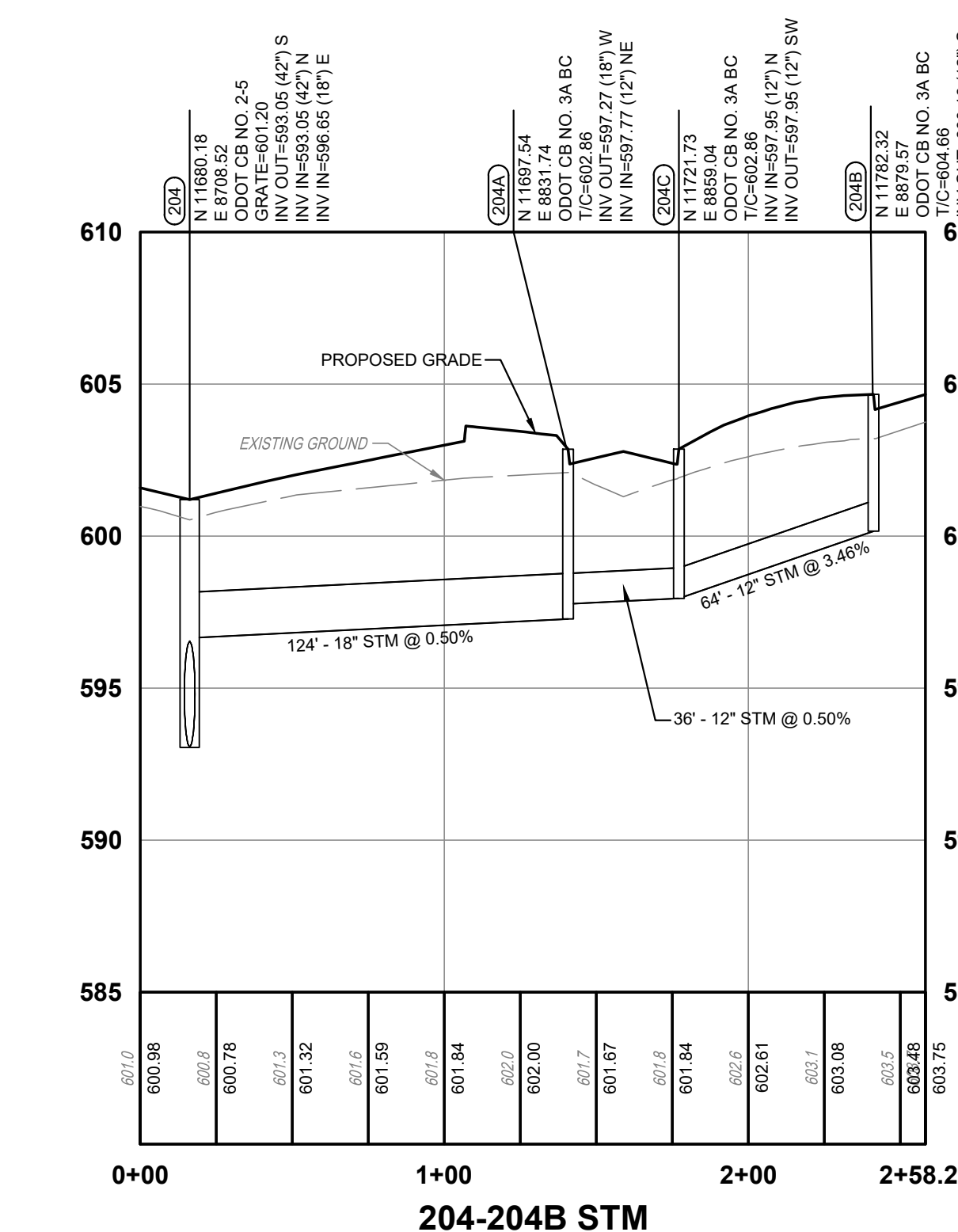
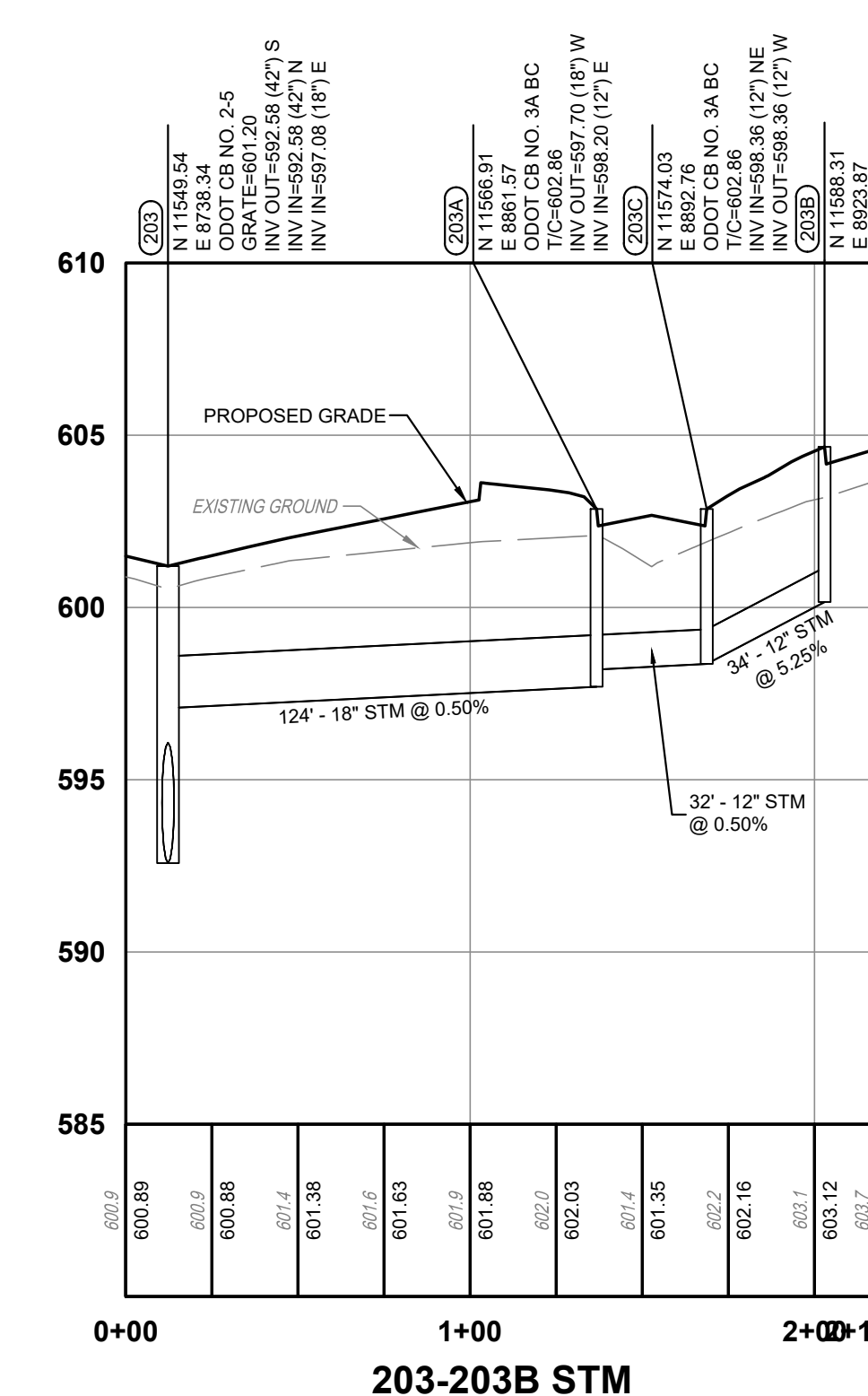
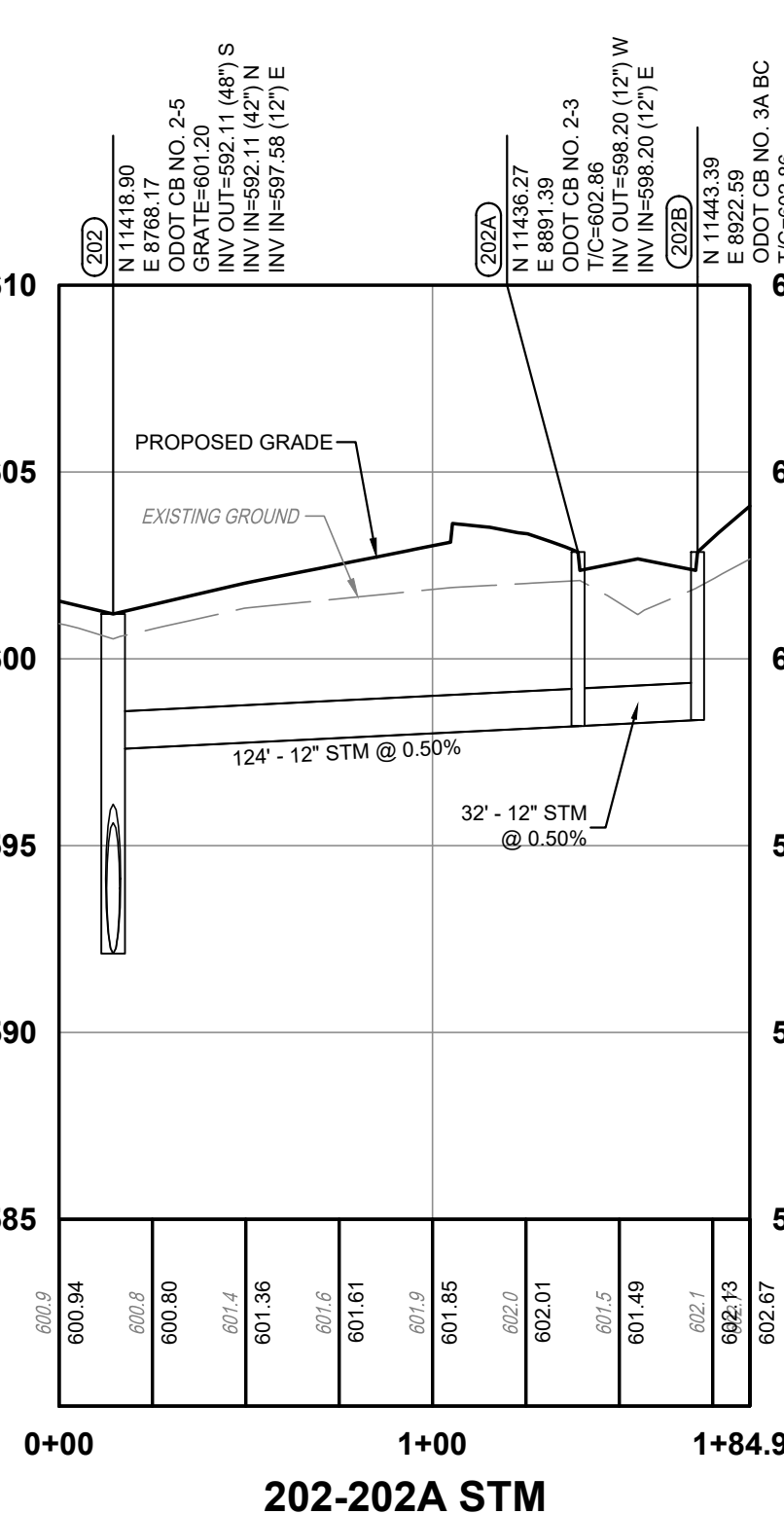
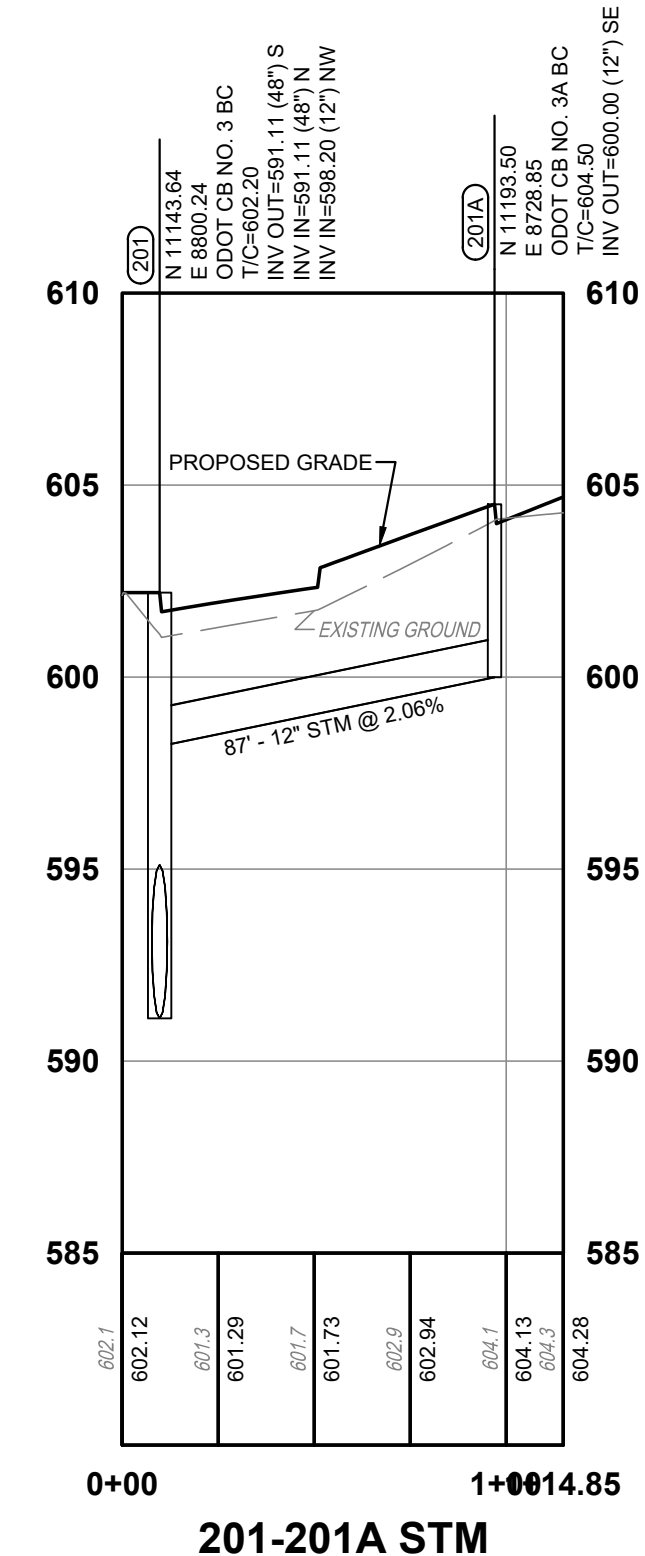
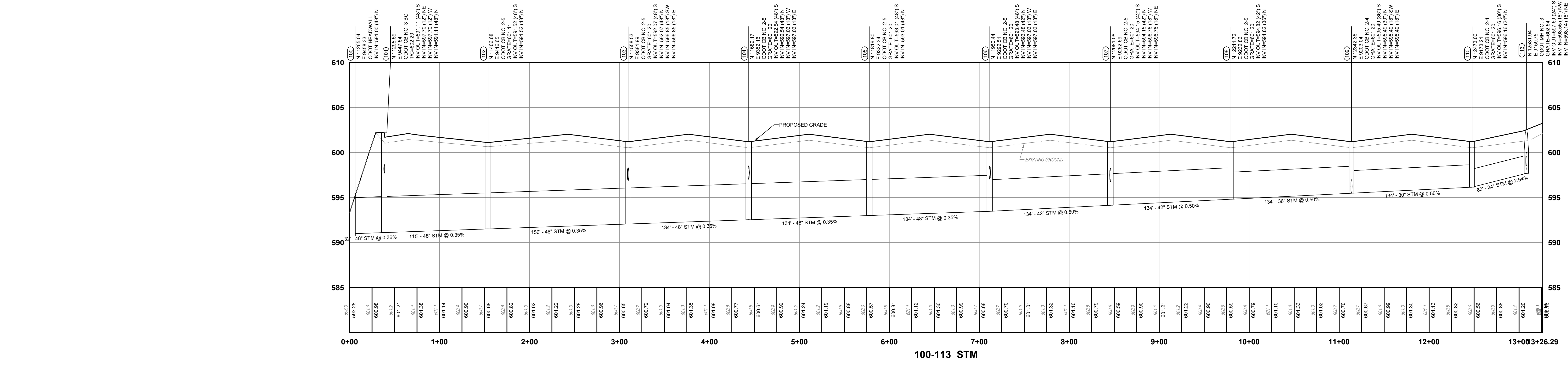
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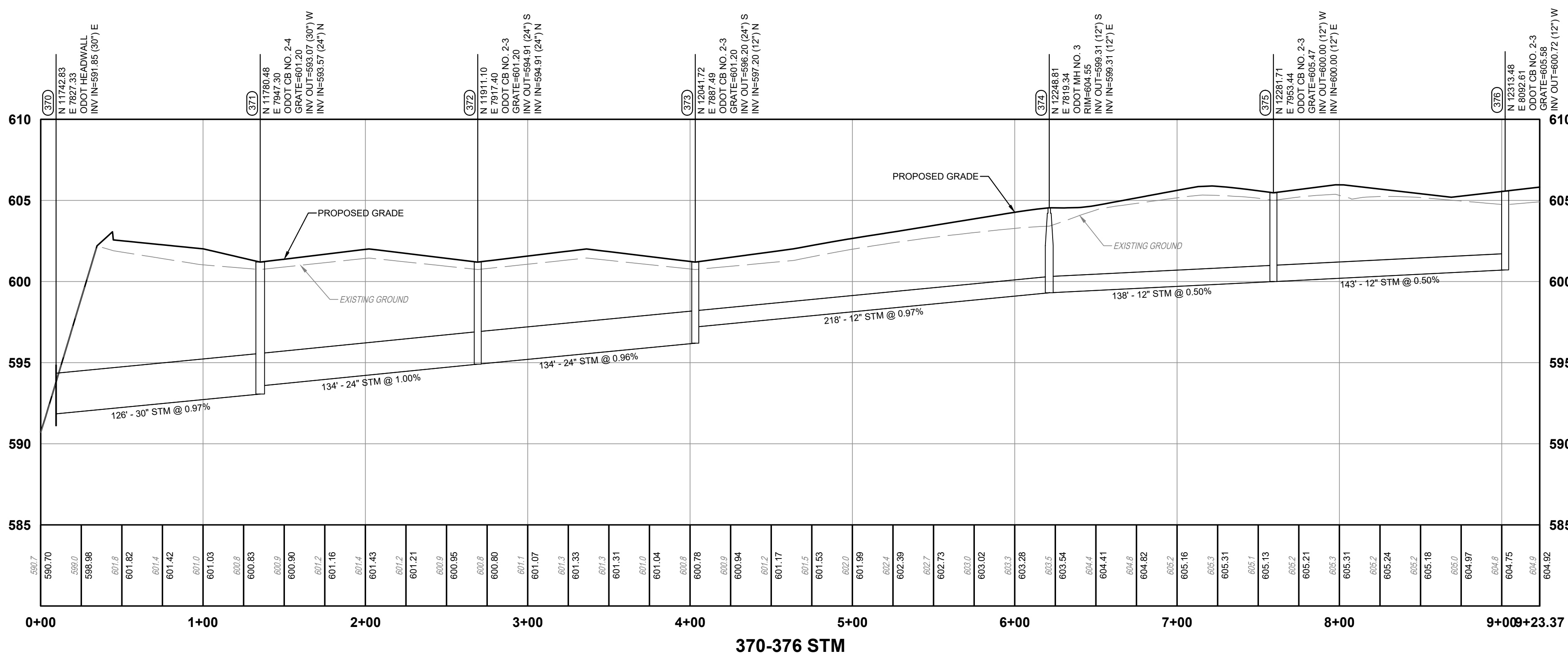
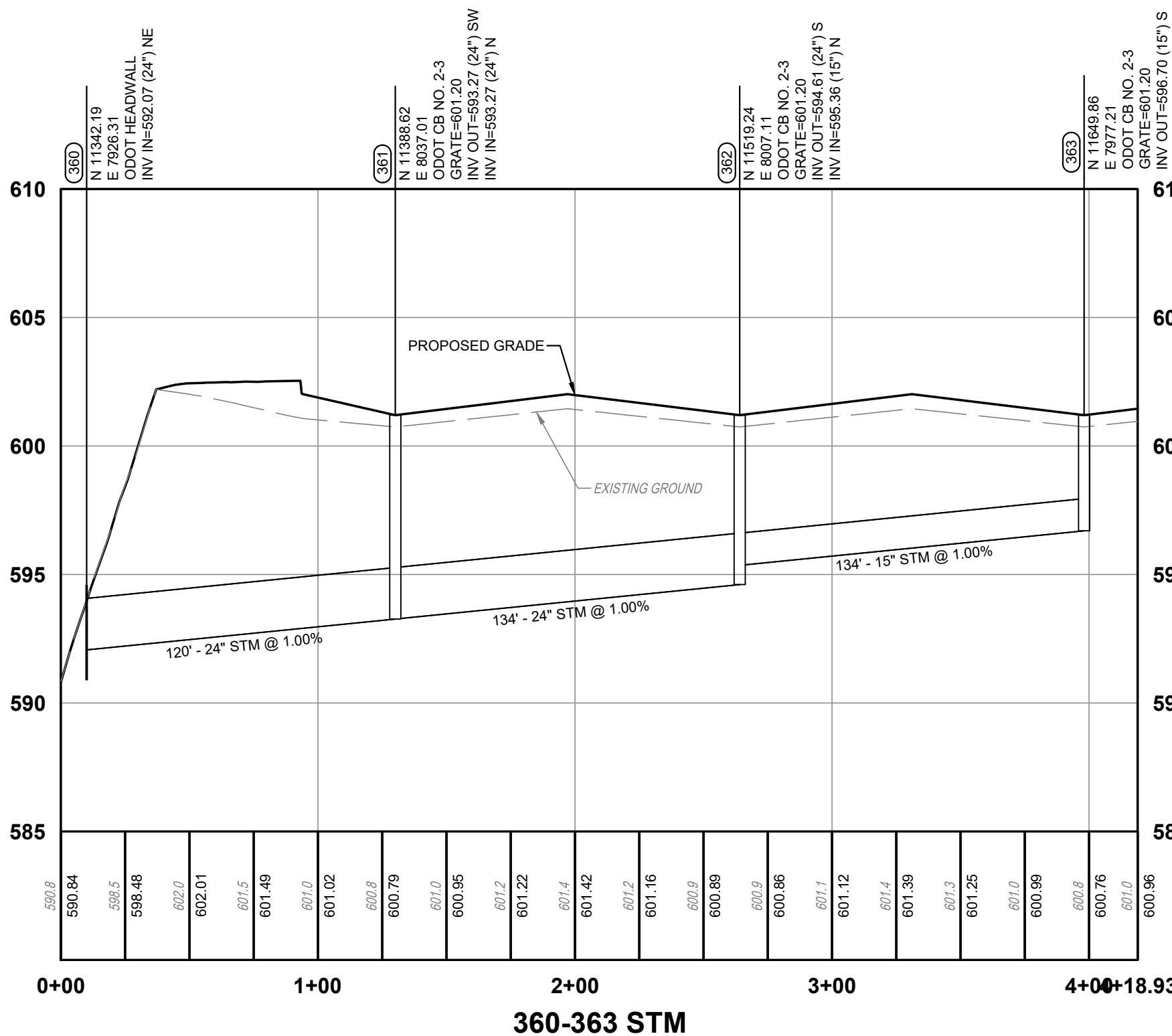
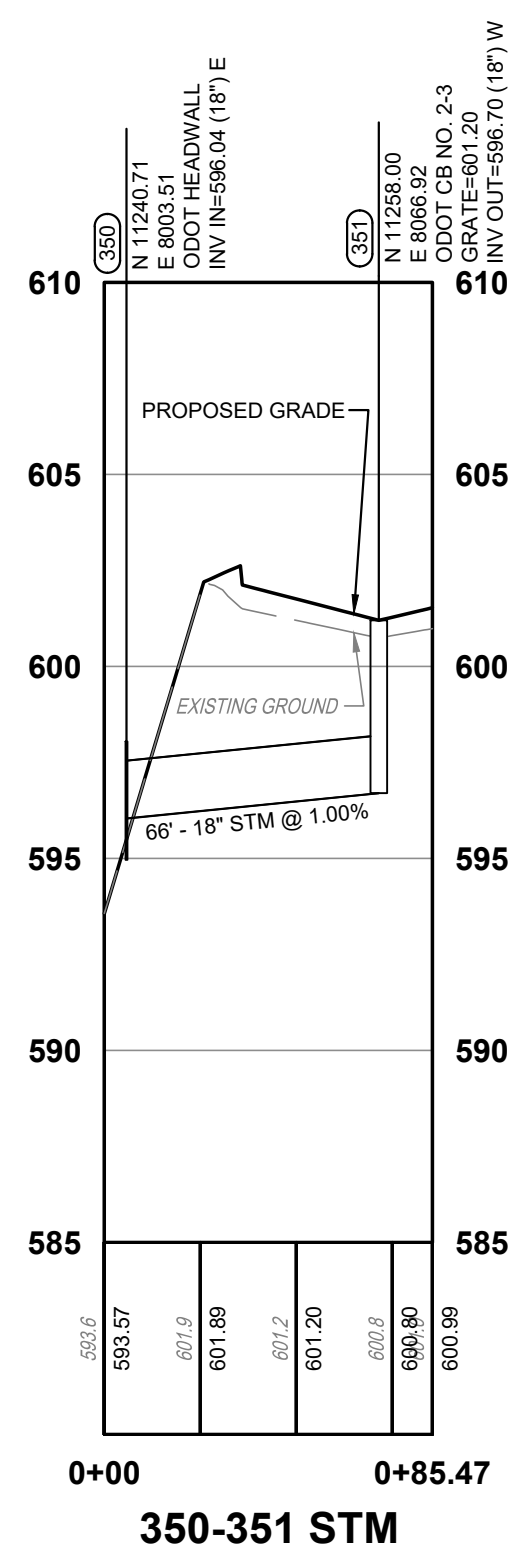
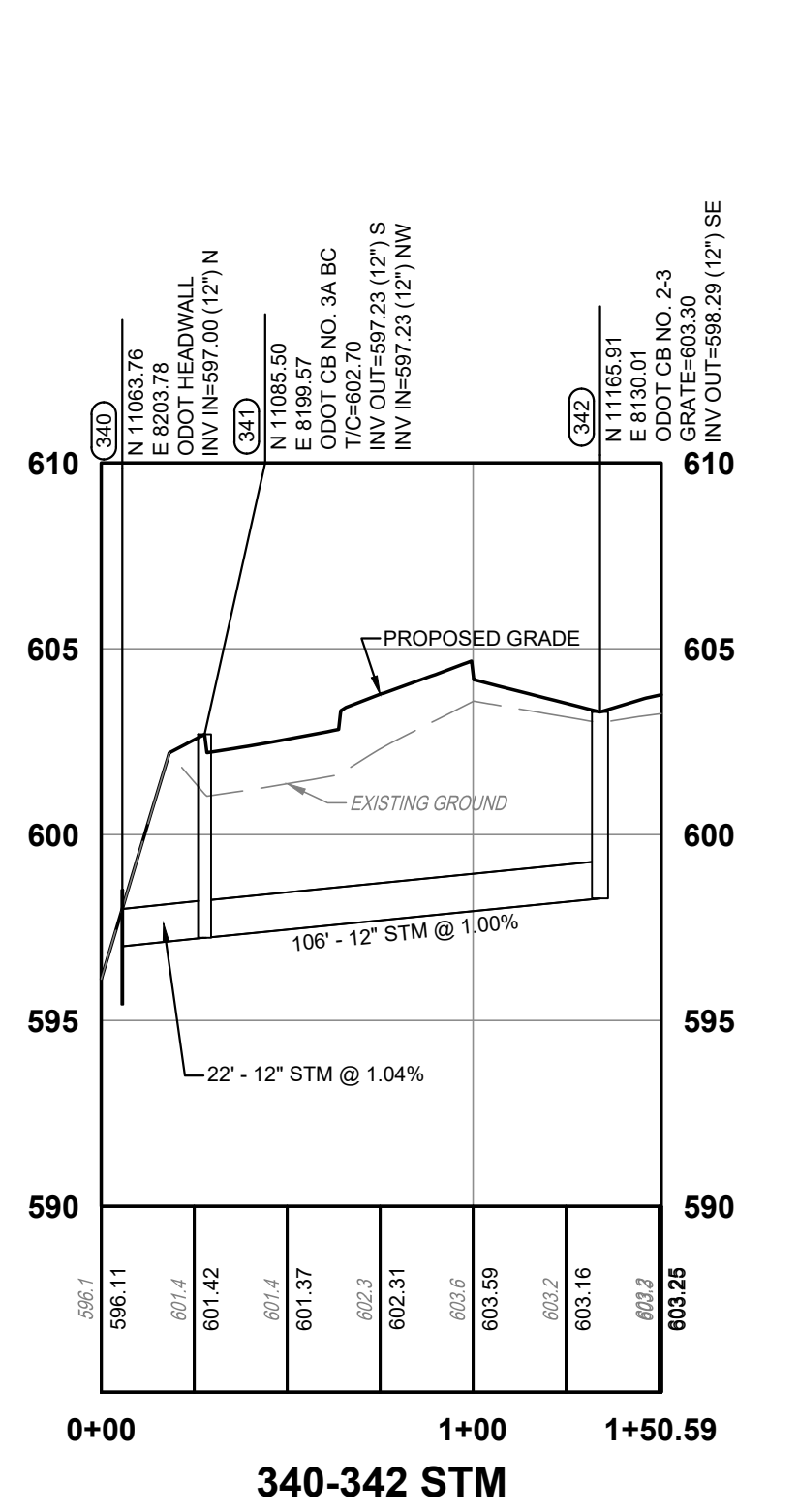
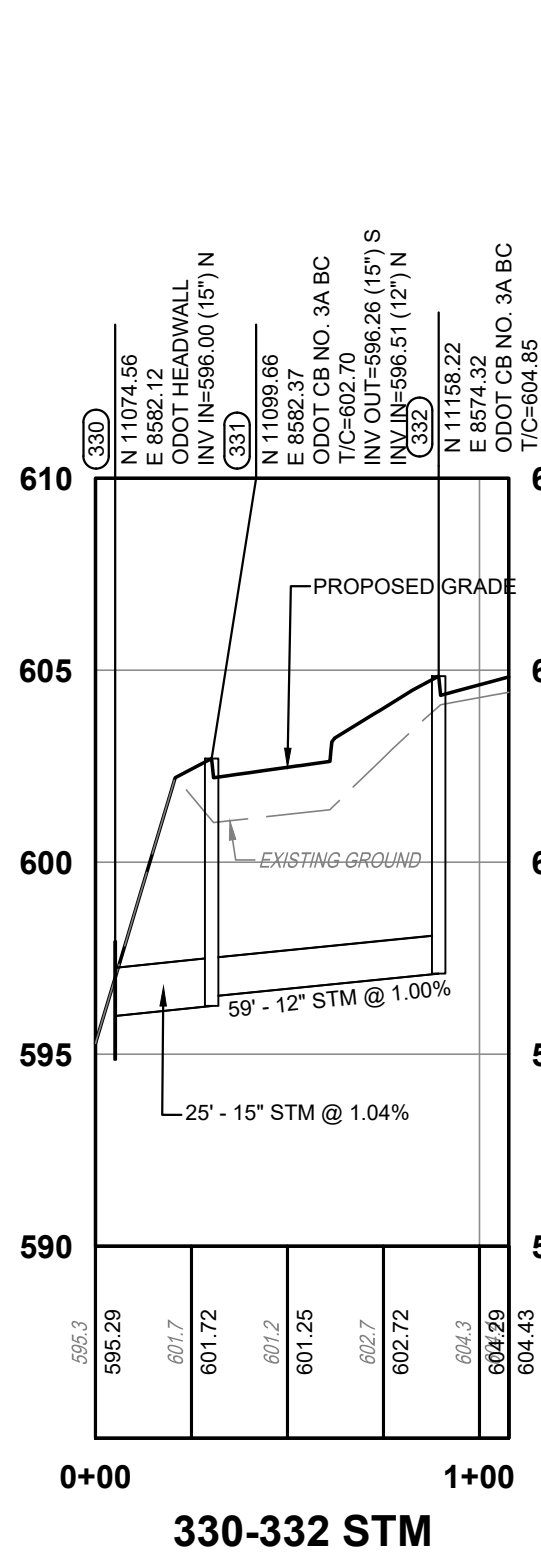
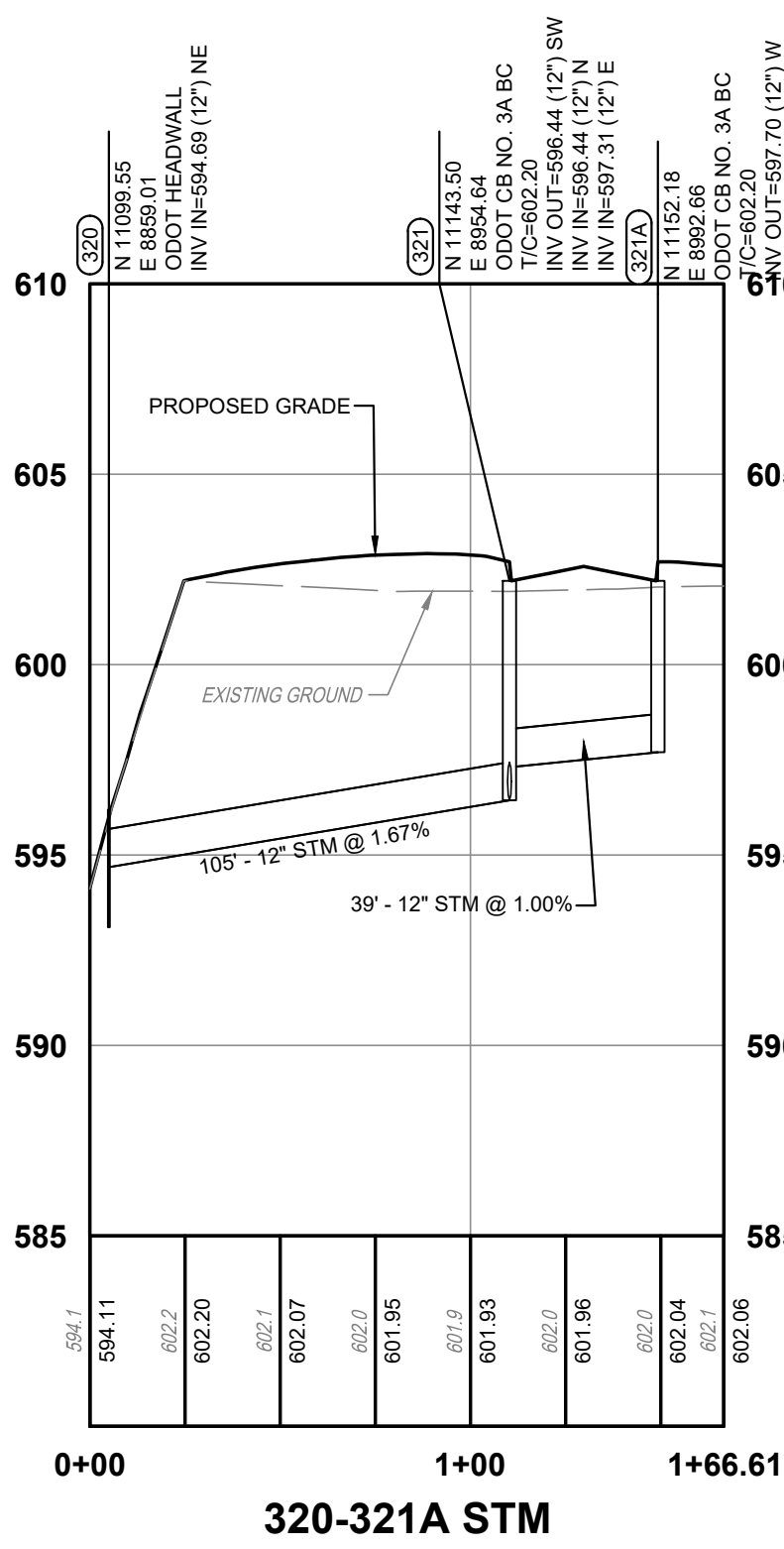
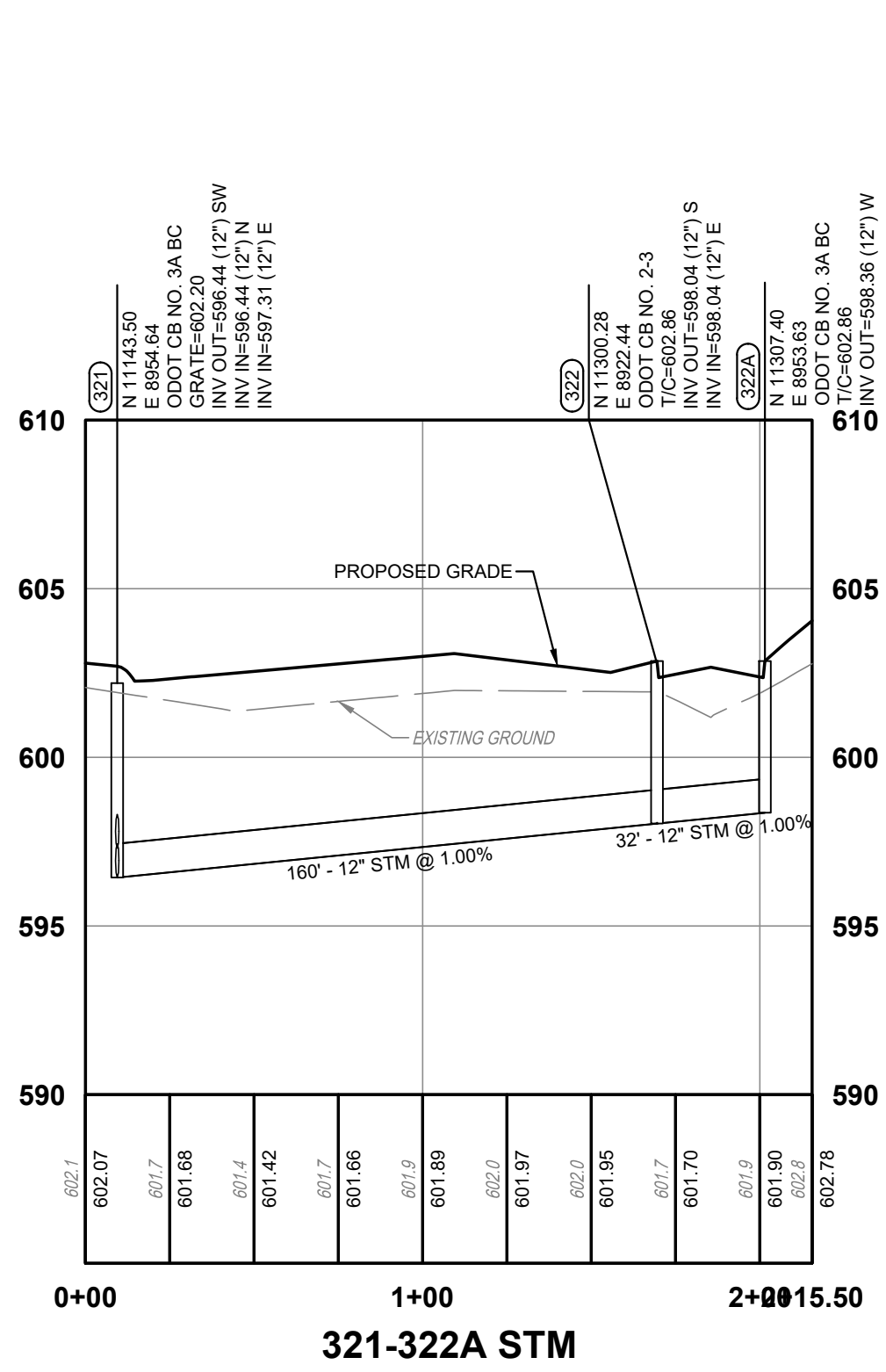
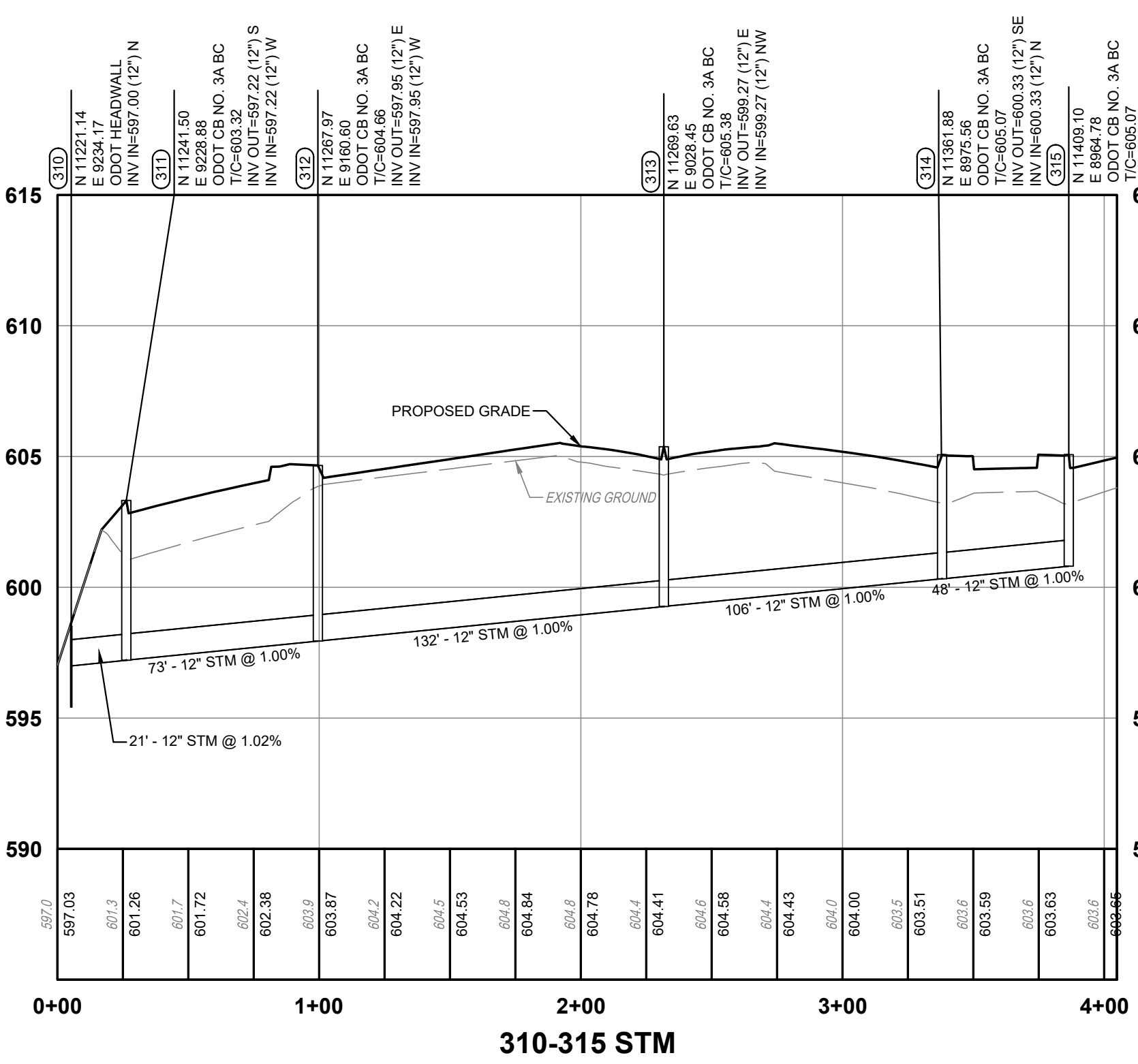
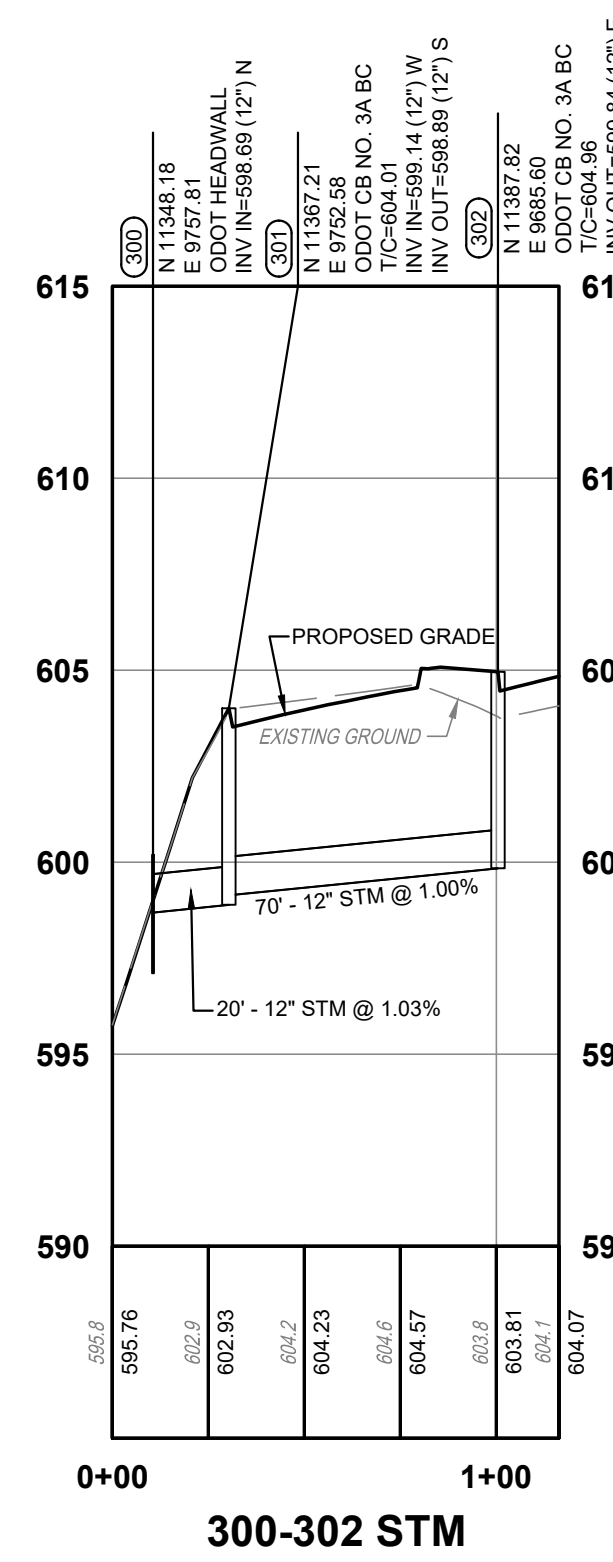
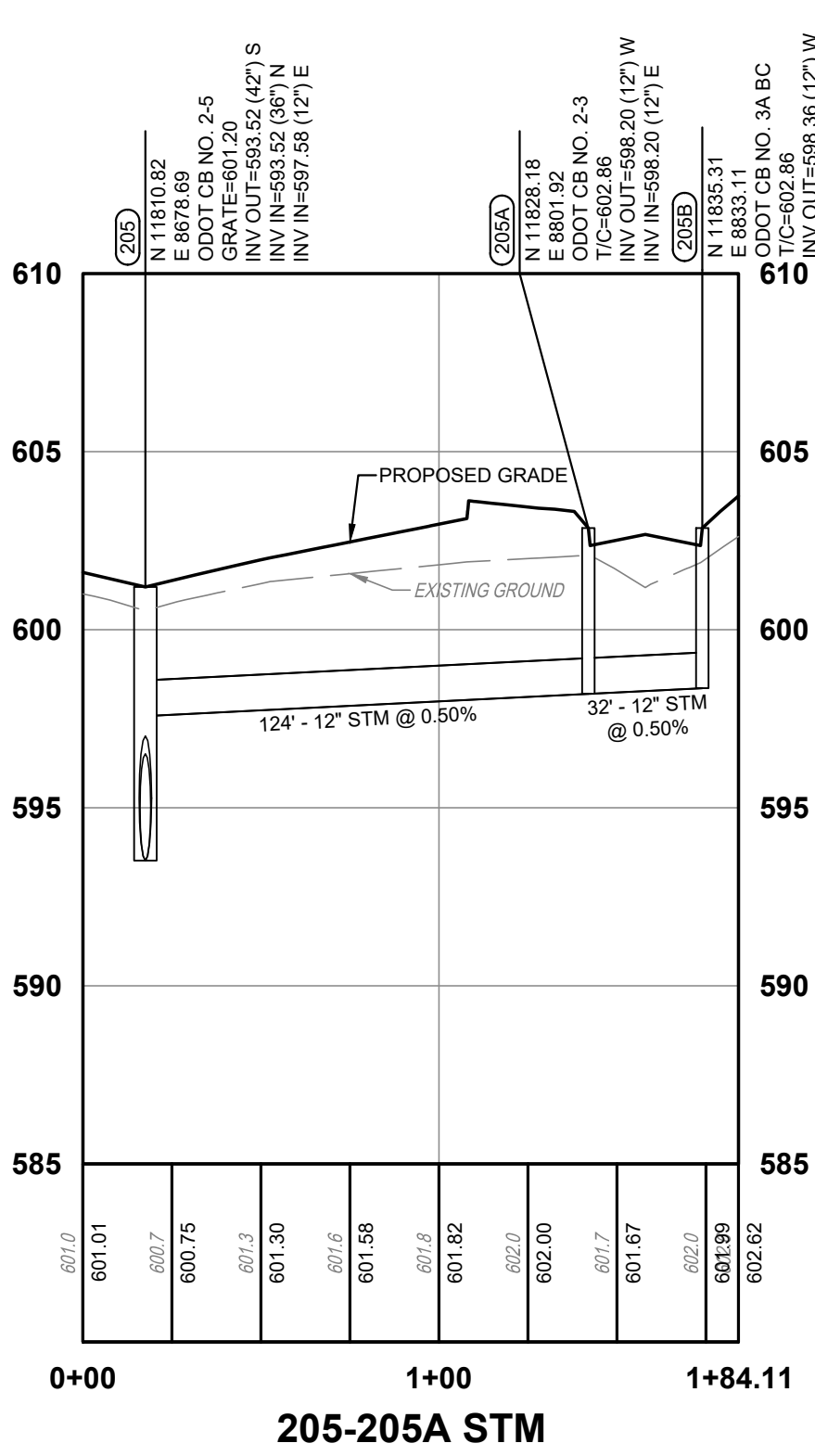
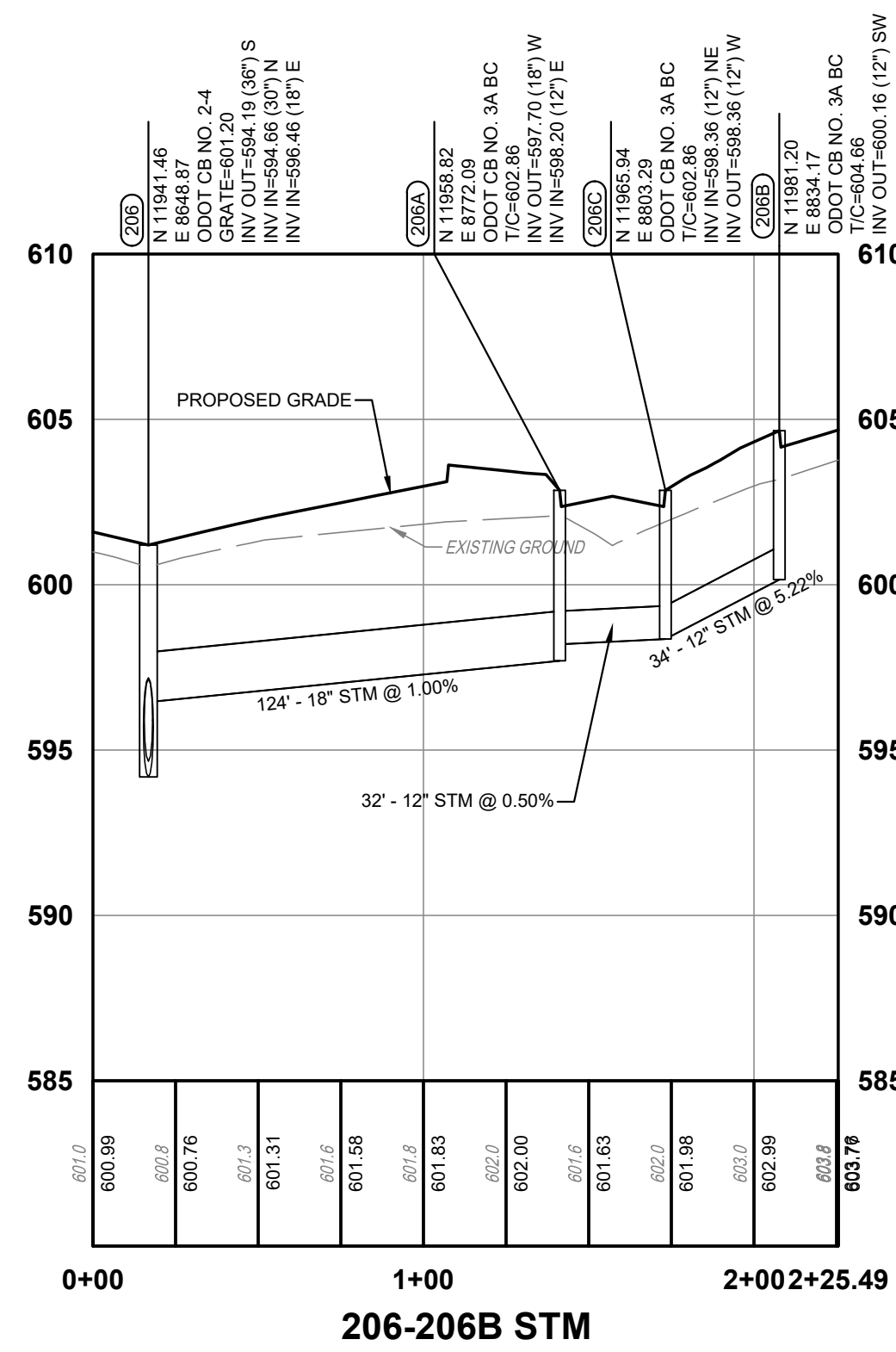
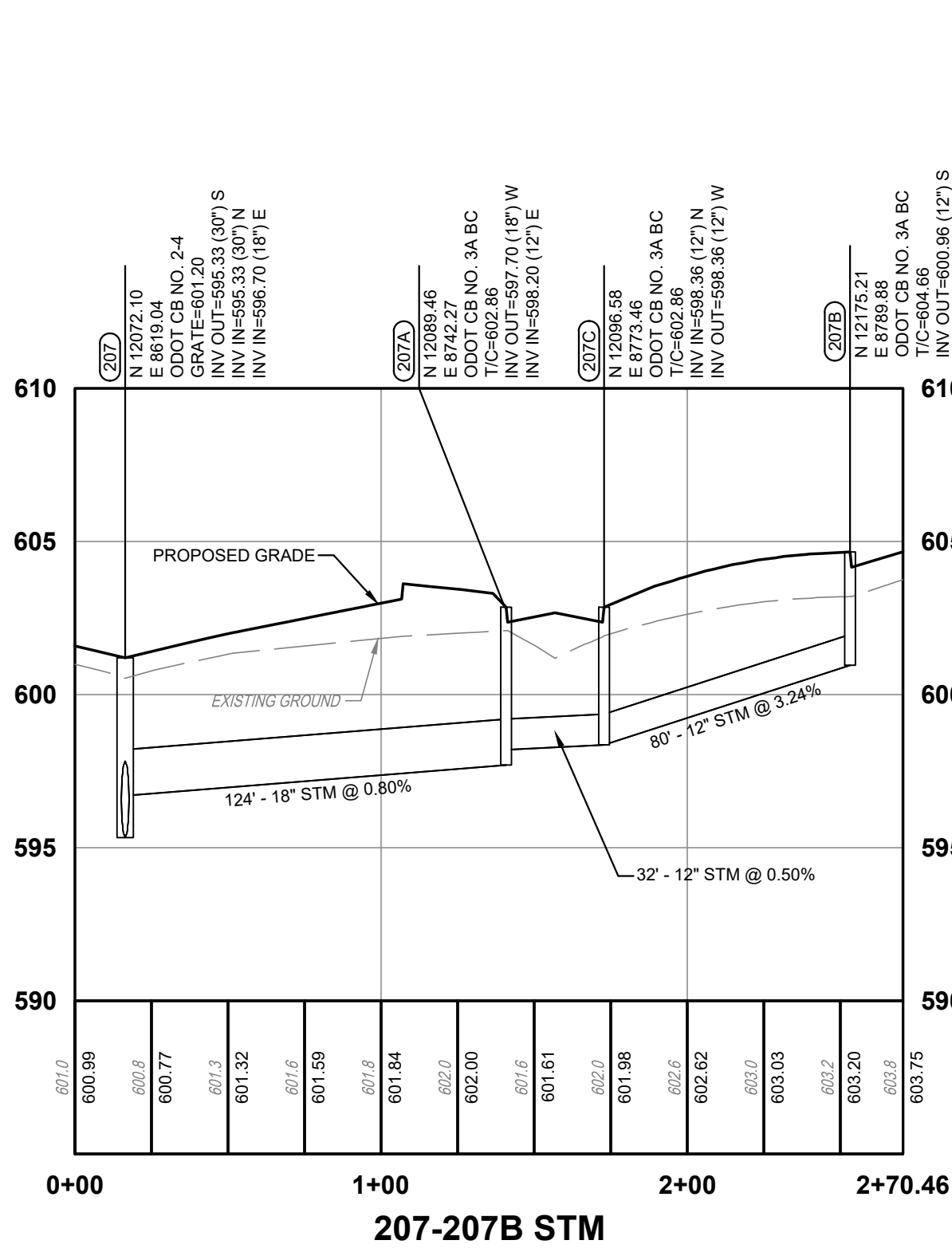
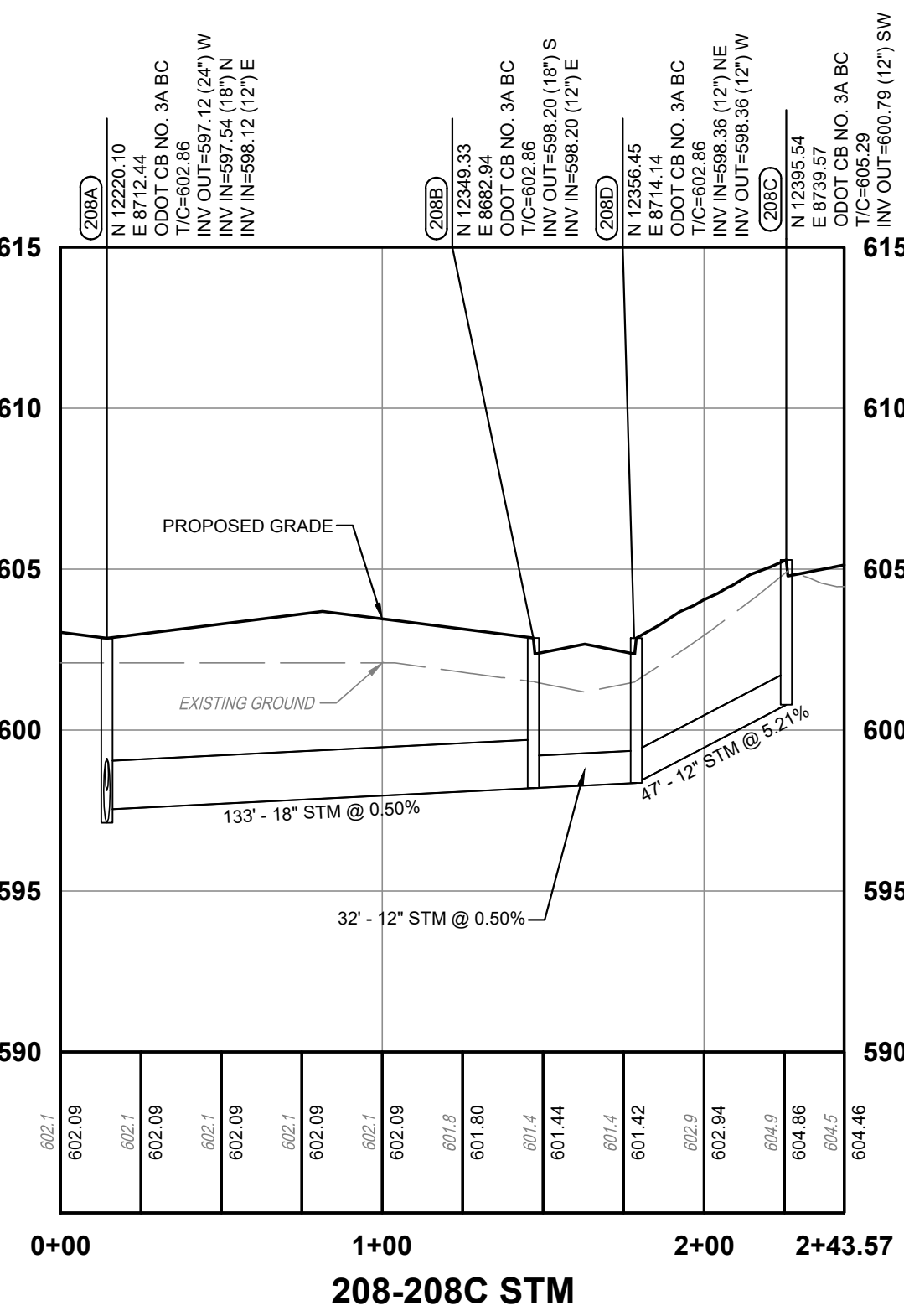
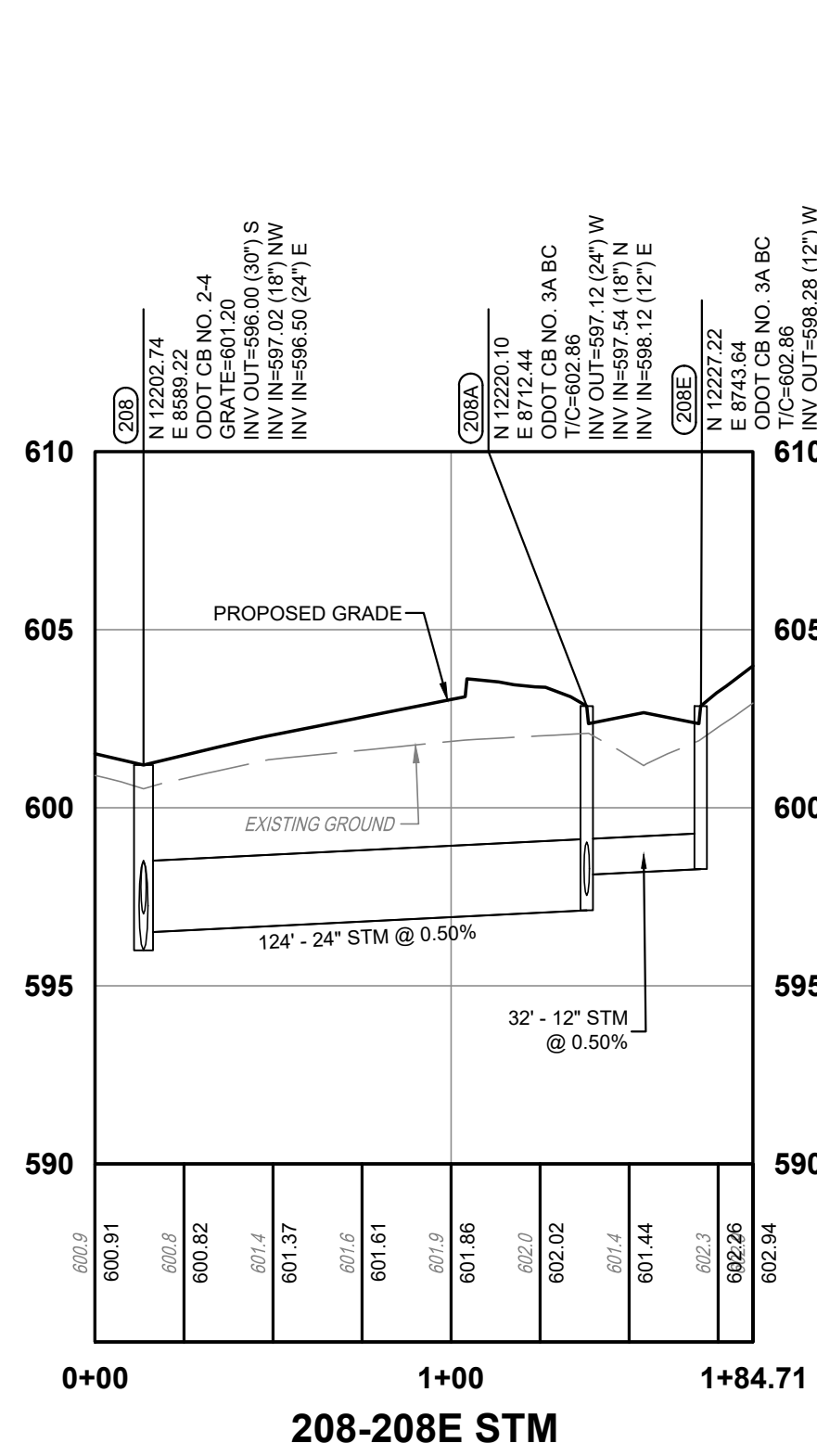
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C350
UTILITY PLAN AND PROFILES

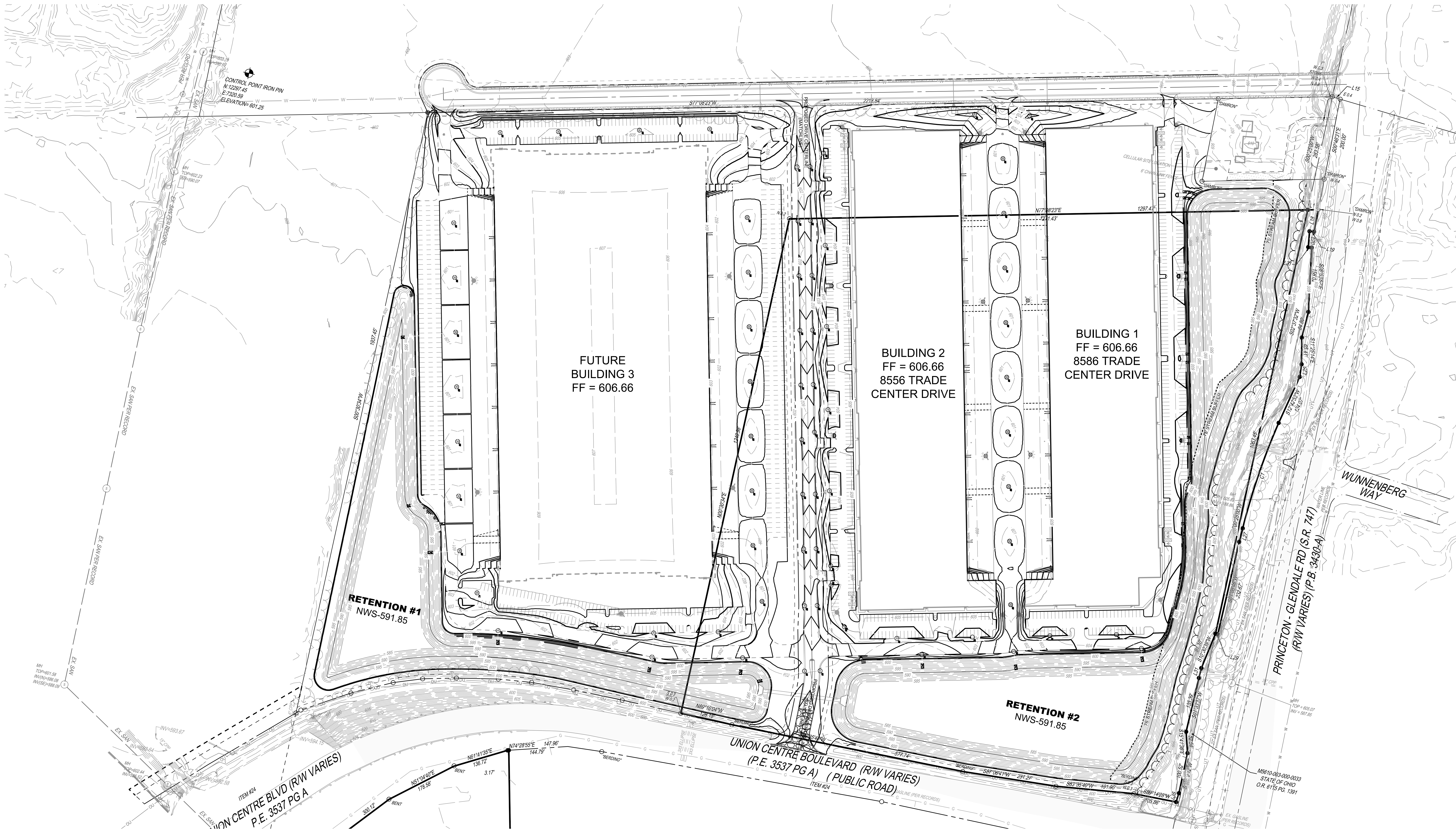


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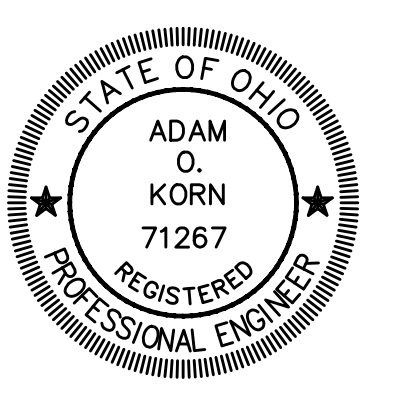
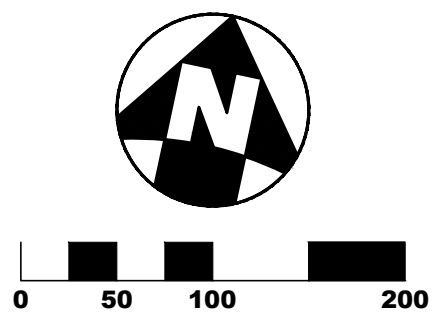


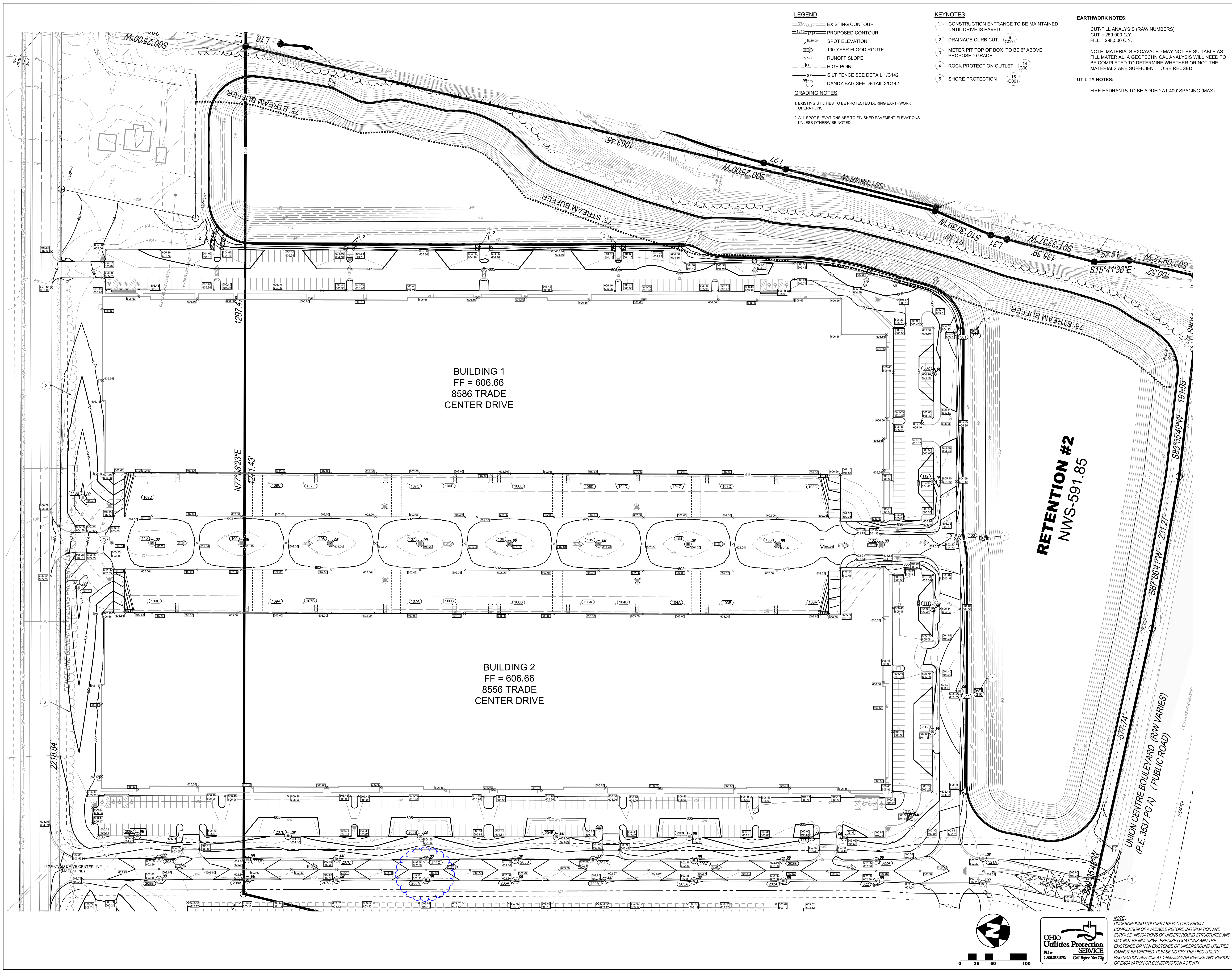
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LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- SPOT ELEVATION
- 100-YEAR FLOOD ROUTE
- RUNOFF SLOPE
- HIGH POINT
- SILT FENCE SEE DETAIL 1/C142
- DANDY BAG SEE DETAIL 3/C142

GRADING NOTES

- EXISTING UTILITIES TO BE PROTECTED DURING EARTHWORK OPERATIONS.
- ALL SPOT ELEVATIONS ARE TO FINISHED PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.

KEYNOTES

- CONSTRUCTION ENTRANCE TO BE MAINTAINED UNTIL DRIVE IS PAVED
- DRAINAGE CURB CUT
- METER PIT TOP OF BOX TO BE 6" ABOVE PROPOSED GRADE
- ROCK PROTECTION OUTLET
- SHORE PROTECTION

EARTHWORK NOTES:

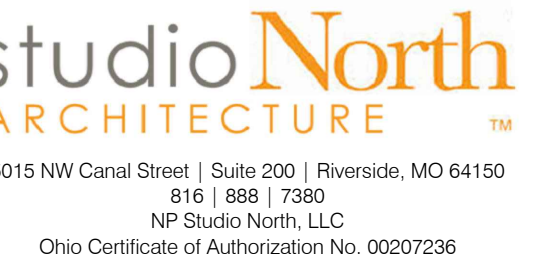
CUT/FILL ANALYSIS (RAW NUMBERS)
CUT = 259,000 C.Y.
FILL = 298,500 C.Y.

NOTE: MATERIALS EXCAVATED MAY NOT BE SUITABLE AS FILL MATERIAL. A GEOTECHNICAL ANALYSIS WILL NEED TO BE COMPLETED TO DETERMINE WHETHER OR NOT THE MATERIALS ARE SUFFICIENT TO BE REUSED.

UTILITY NOTES:

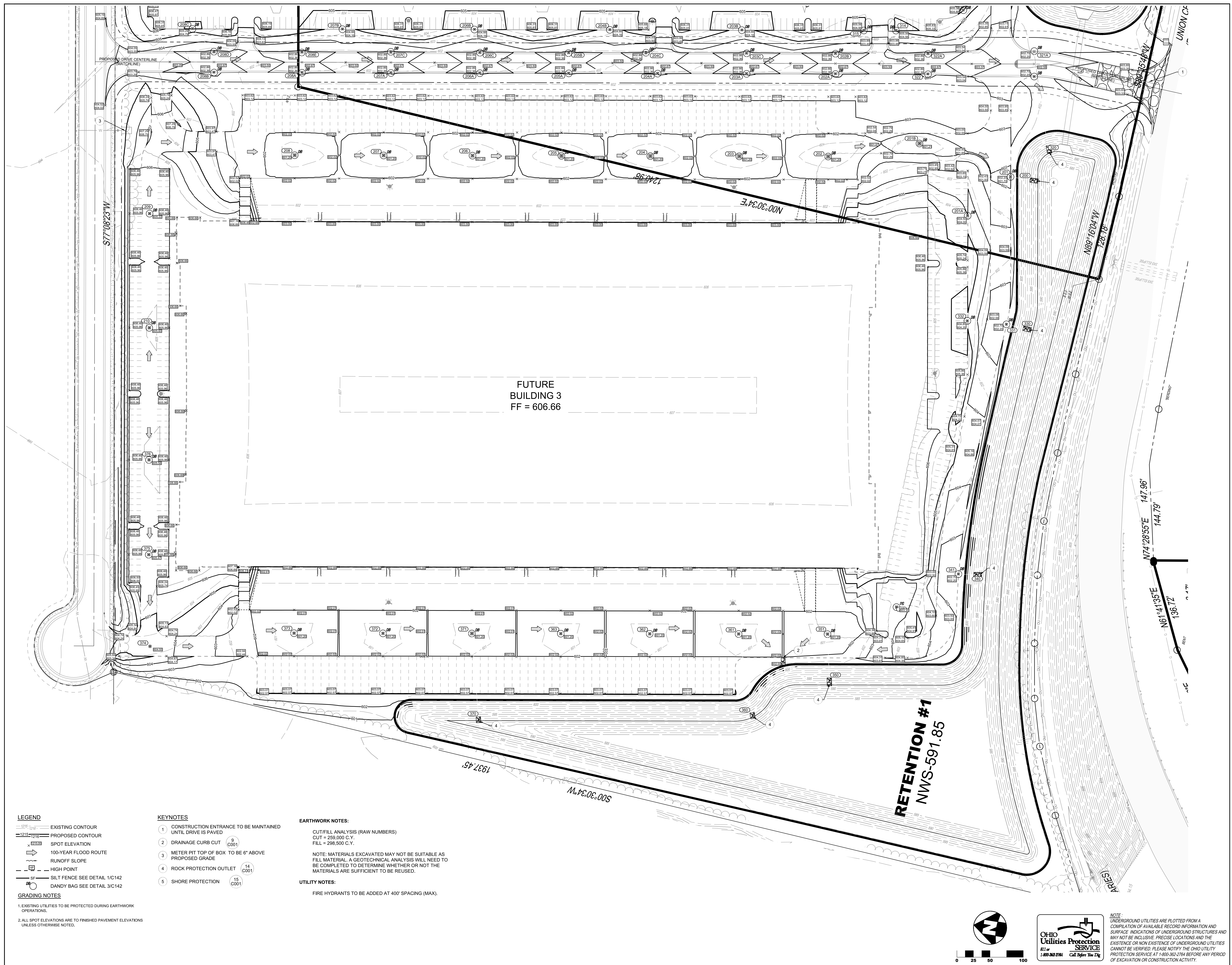
FIRE HYDRANTS TO BE ADDED AT 400' SPACING (MAX).

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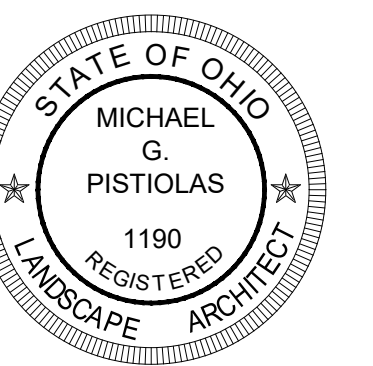
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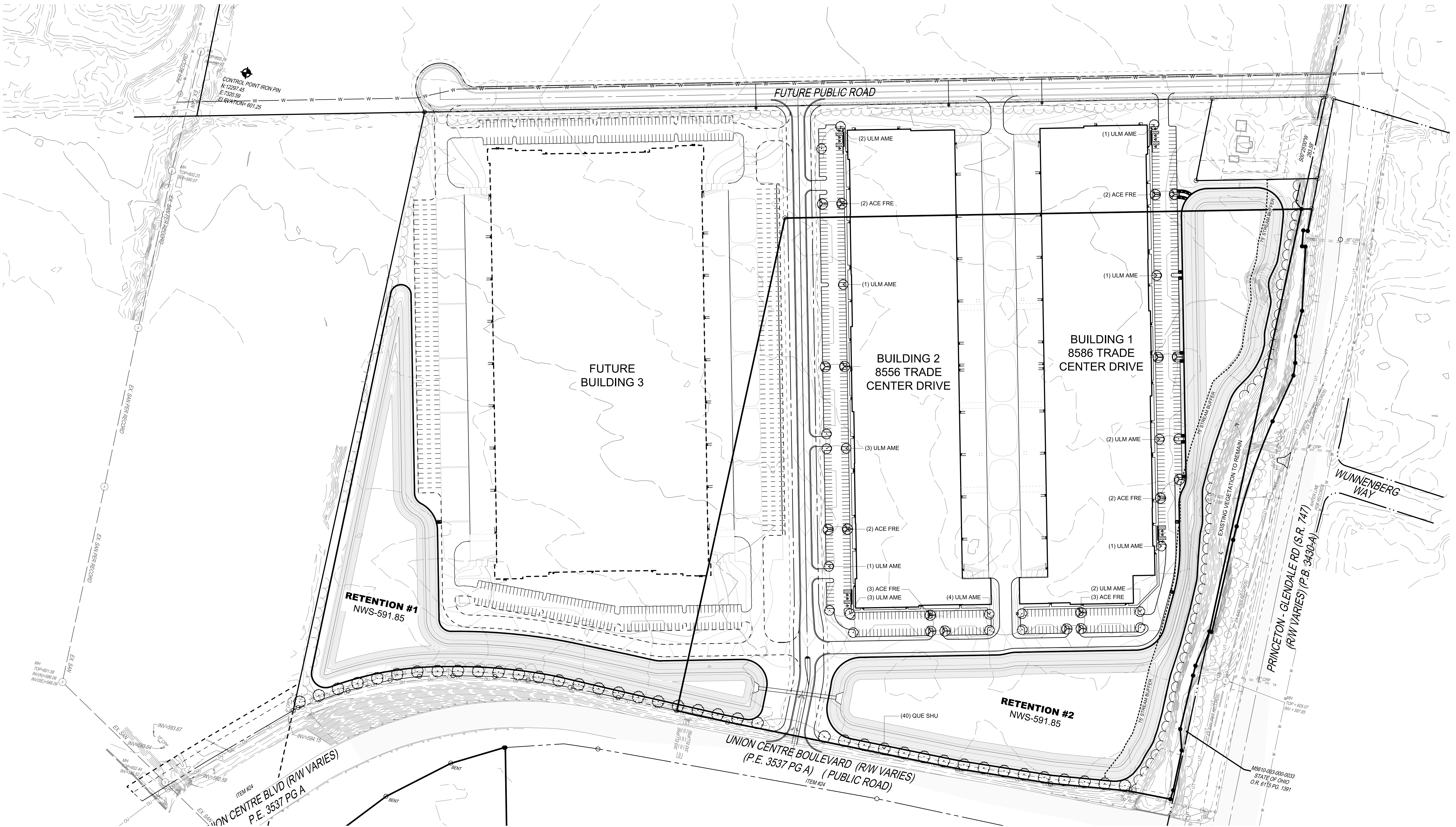
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L100
LANDSCAPE PLAN

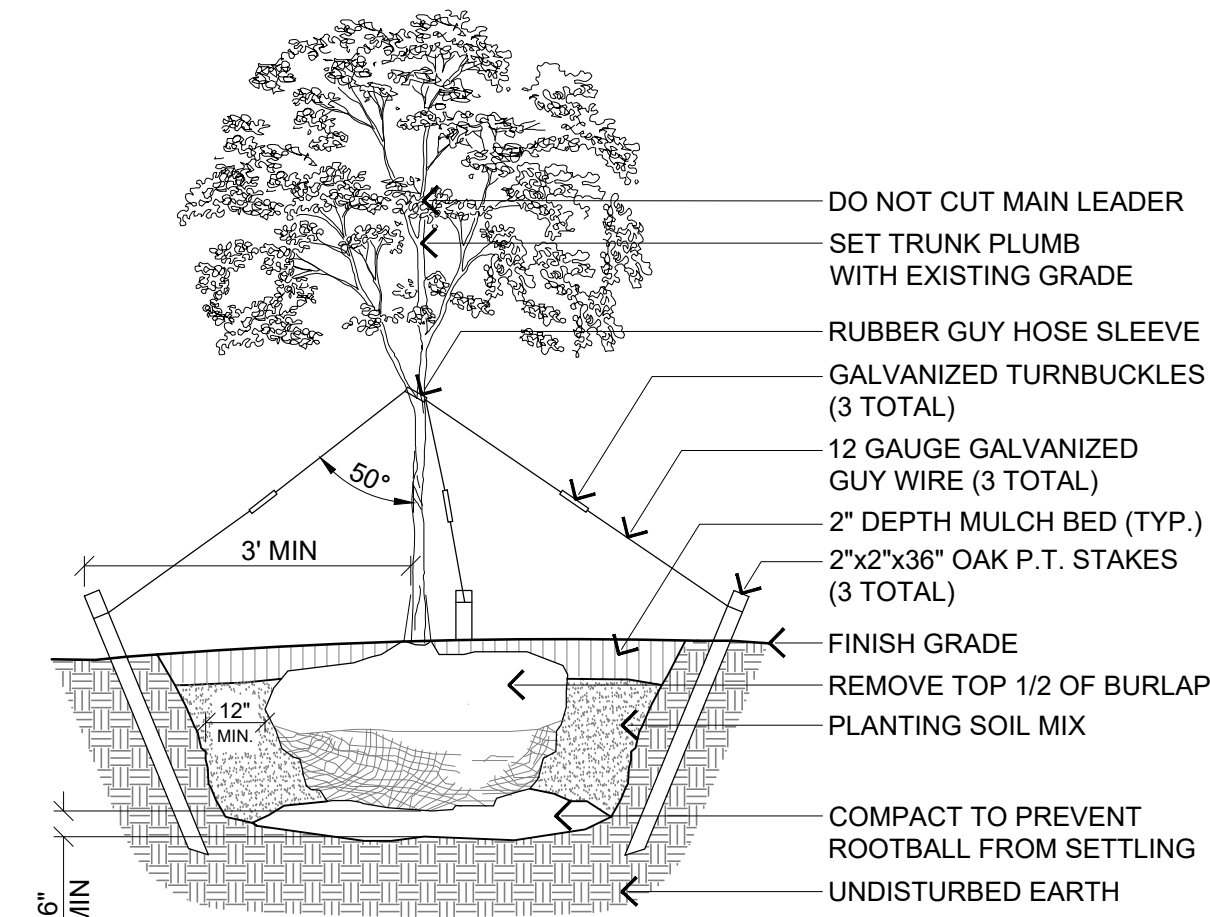


- PLANTING NOTES
1. EACH CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
 2. ALL SHRUB MASSES TO BE INCORPORATED BY A CONTINUOUS MULCH BED TO LIMITS SHOWN AND AS SPECIFIED. MULCH BEDS TO HAVE A NEAT, EDGED APPEARANCE.
 3. SUBSURFACE IMPROVEMENTS SHALL BE OBSERVED. THE CONTRACTOR SHALL CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) 48 HOURS PRIOR TO ANY EXCAVATION OR DIGGING TO ENSURE THE LOCATION OF UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT SUCH UTILITIES.
 4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE FINE GRADED AND SEEDED.
 5. ALL TREES WITHIN A SPECIES SHALL HAVE MATCHING FORM.
 6. THE CONTRACTOR SHALL ENSURE THAT ALL NEWLY PLANTED TREES ARE PERFECTLY ALIGNED AND SET PLUMB WITH PROPER RELATIONSHIP TO THE SURROUNDING GRADE. CONFIRM FINISHED GRADE PRIOR TO PLANTING.
 7. ALL PLANT MATERIAL SHALL BE OF THE SIZE AND TYPE SPECIFIED. IF SUBSTITUTIONS ARE APPROVED BY THE OWNER'S REPRESENTATIVE, THE SIZE AND GRADING STANDARDS SHALL CONFORM TO THOSE OF THE AMERICAN ASSOCIATION OF NURSERYMEN.

WEST CHESTER, OHIO LANDSCAPE ZONING REQUIREMENTS (SECTION 10.27)

	REQUIRED	PROPOSED
STREET TREES	1 TREE PER FIFTY FEET OF FRONTAGE	40 STREET TREES

KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES:					
ACE FRE	ACER FREEMANII/AUTUMN BLAZE	AUTUMN BLAZE MAPLE	3" CAL. MIN.	B&B	
QUE SHU	QUERCUS SHUMARDII	SHUMARD OAK	3" CAL. MIN.	B&B	
ULM AME	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM	3" CAL. MIN.	B&B	
TURFGRASS SEED: SEE SPECIFICATIONS					



- NOTES:
1. TOP OF ROOT BALL TO BE 2"-3" ABOVE ADJACENT FINISHED GRADE.
 2. REMOVE ALL LABELS, TAGS, OR OTHER FOREIGN MATERIALS FROM LIMBS.
 3. REMOVE GUY WIRES, TURNBUCKLES, HOSE AND STAKES 1 YEAR AFTER PLANTING.
 4. THE AMOUNT OF PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES AND TO COMPENSATE FOR THE LOSS OF ROOTS DURING TRANSPLANTING. RETAIN NORMAL SHAPE OF TREE. OWNER'S REPRESENTATIVE WILL DETERMINE AMOUNT OF PRUNING NECESSARY. PLANT TREES AT SAME GRADE AS GROWN IN THE NURSERY.

DECIDUOUS TREE PLANTING
N.T.S.



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