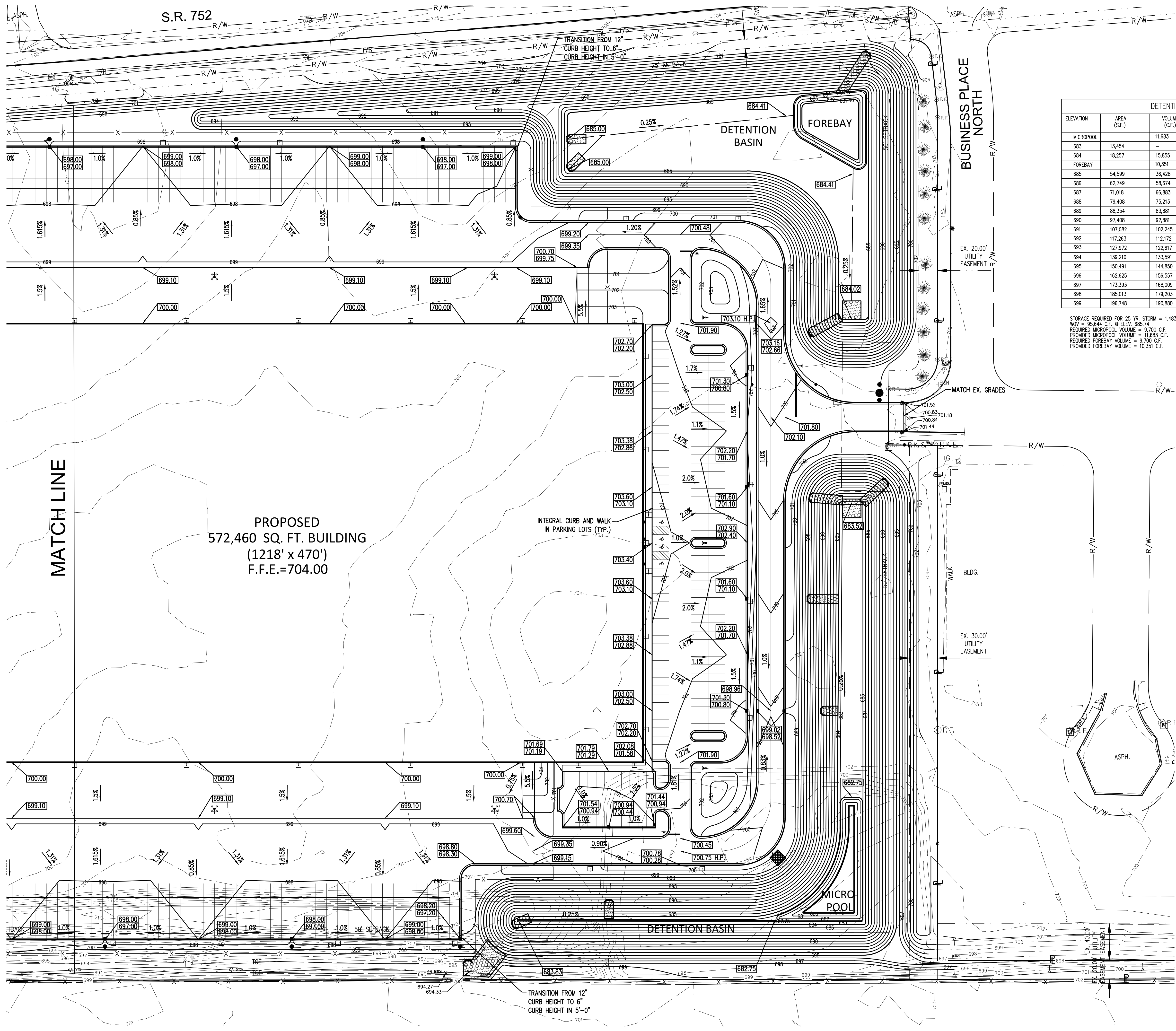


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FILE No. A:\Kleinfielder Projects\2022\01\Ashville-Ashville-Leatherwood - 20224880.001A\01A\TOPOGRAPHY-20224880.001A.dwg 02/02/23 10:03-WKerner



DETENTION BASIN				
ELEVATION	AREA (S.F.)	VOLUME (C.F.)	ACCUMULATIVE VOLUME w/o MICRO POOL & FOREBAY (C.F.)	ACCUMULATIVE VOLUME w/ MICRO POOL & FOREBAY (C.F.)
MICROPOOL		11,683		
683	13,454	-	-	11,683
684	18,257	15,855	15,855	27,538
FOREBAY		10,351		37,889
685	54,599	36,428	52,283	74,317
686	62,749	58,674	110,957	132,991
687	71,018	66,883	177,840	199,874
688	79,408	75,213	253,053	275,087
689	88,354	83,881	336,934	358,968
690	97,408	92,881	429,815	451,849
691	107,082	102,245	532,060	554,094
692	117,263	112,172	644,232	666,266
693	127,972	122,617	766,849	788,883
694	139,210	133,591	900,440	922,474
695	150,991	144,850	1,045,290	1,067,324
696	162,625	156,557	1,201,847	1,223,881
697	173,393	168,009	1,369,856	1,391,890
698	185,013	179,203	1,549,059	1,571,093
699	196,748	190,880	1,739,939	1,761,973

STORAGE REQUIRED FOR 25 YR. STORM = 1,483,727 C.F. @ ELEV. 697.64
 WQV = 95,844 C.F. @ ELEV. 685.74
 REQUIRED MICROPOOL VOLUME = 9,700 C.F.
 PROVIDED MICROPOOL VOLUME = 11,683 C.F.
 REQUIRED FOREBAY VOLUME = 9,700 C.F.
 PROVIDED FOREBAY VOLUME = 10,351 C.F.

MATCH LINE

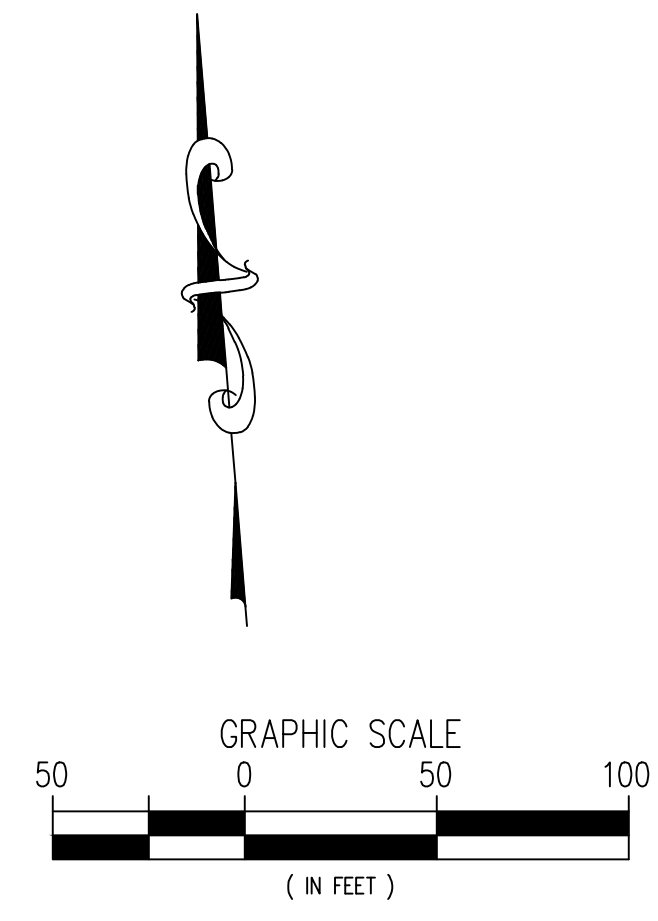
PROPOSED
572,460 SQ. FT. BUILDING
(1218' x 470')
F.F.E.=704.00

INTEGRAL CURB AND WALK
IN PARKING LOTS (TYP.)

DETENTION BASIN

MICRO POOL

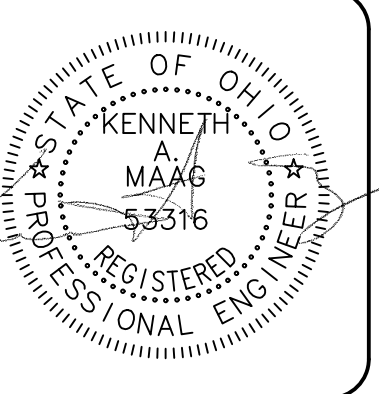
BUSINESS PLACE
NORTH



DHL SUPPLY CHAIN
ASHVILLE LOGISTICS PARK
ASHVILLE, OHIO

GRADING
PLAN

DRAWN BY: MEK
CHECKED BY: KAM

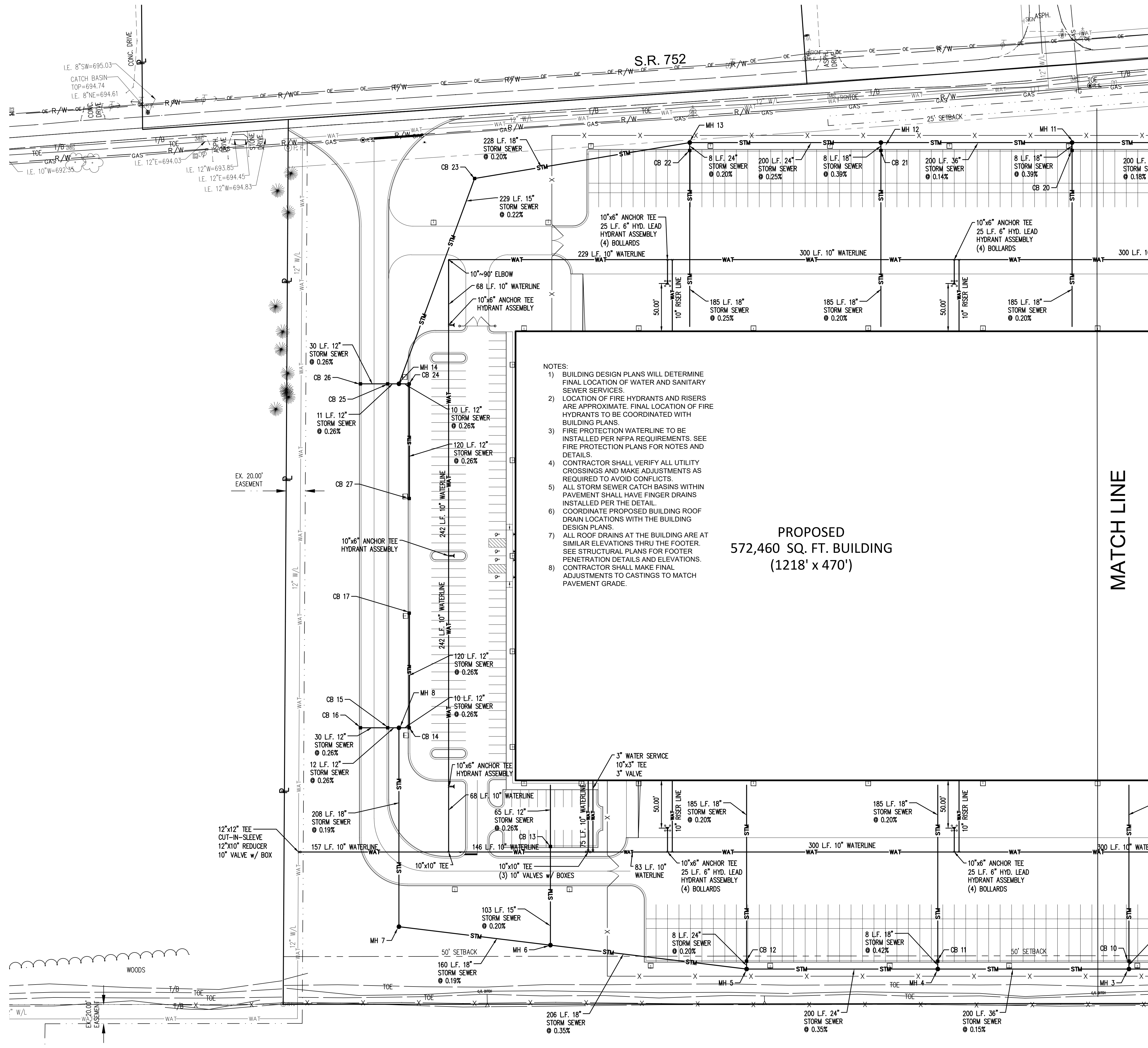


21
DATE: 09/13/2022
PROJECT NUMBER: 20224880.001A

REV.	DATE	DESCRIPTION
2/3	2/3	VILLAGE SUBMITTAL

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FILE No. A:\Kleinfielder Projects\2022\01\Ashville\001A\01\TOPOGRAPHY-2022\4880.001A.dwg 02/02/23 10:04-WKremer



- NOTES:
- 1) BUILDING DESIGN PLANS WILL DETERMINE FINAL LOCATION OF WATER AND SANITARY SEWER SERVICES.
 - 2) LOCATION OF FIRE HYDRANTS AND RISERS ARE APPROXIMATE. FINAL LOCATION OF FIRE HYDRANTS TO BE COORDINATED WITH BUILDING PLANS.
 - 3) FIRE PROTECTION WATERLINE TO BE INSTALLED PER NFPA REQUIREMENTS. SEE FIRE PROTECTION PLANS FOR NOTES AND DETAILS.
 - 4) CONTRACTOR SHALL VERIFY ALL UTILITY CROSSINGS AND MAKE ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS.
 - 5) ALL STORM SEWER CATCH BASINS WITHIN PAVEMENT SHALL HAVE FINGER DRAINS INSTALLED PER THE DETAIL.
 - 6) COORDINATE PROPOSED BUILDING ROOF DRAIN LOCATIONS WITH THE BUILDING DESIGN PLANS.
 - 7) ALL ROOF DRAINS AT THE BUILDING ARE AT SIMILAR ELEVATIONS THRU THE FOOTER. SEE STRUCTURAL PLANS FOR FOOTER PENETRATION DETAILS AND ELEVATIONS.
 - 8) CONTRACTOR SHALL MAKE FINAL ADJUSTMENTS TO CASTINGS TO MATCH PAVEMENT GRADE.

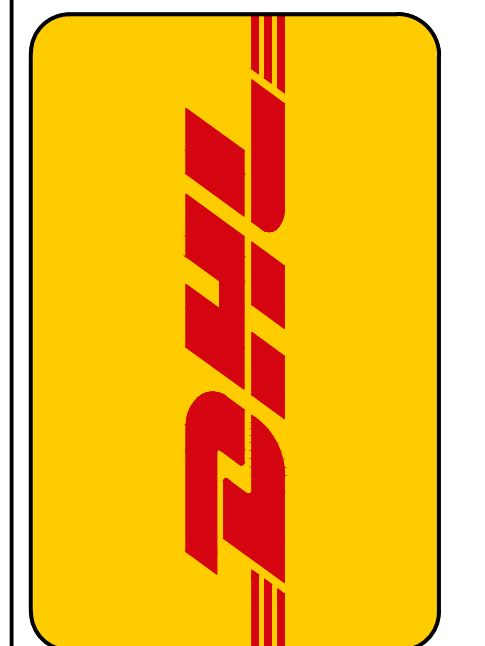
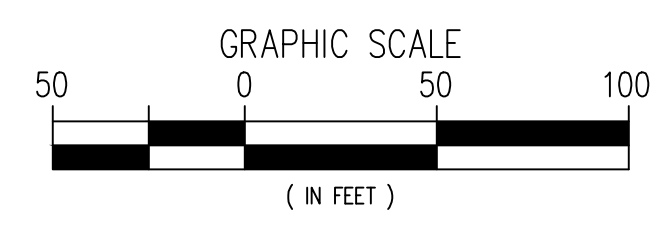
STORM SEWER STRUCTURES

<p>CB 11 TYPE - AA - S125B TOP OF CASTING = 697.00 I.E. - 18" S = 687.73 (HGL 690.91) I.E. - 18" N = 687.73 (HGL 691.76)</p>	<p>CB 12 TYPE - AA - S125B TOP OF CASTING = 697.00 I.E. - 24" S = 688.42 (HGL 692.51) I.E. - 18" N = 688.92 (HGL 692.76)</p>	<p>CB 13 TYPE - AA - S125A TOP OF CASTING = 700.44 I.E. - 15" S = 690.06 (HGL 693.97) I.E. - 12" N = 690.31 (HGL 694.19)</p>	<p>CB 14 TYPE - AA - S125A TOP OF CASTING = 700.80 I.E. - 12" W = 690.86 (HGL 694.70) I.E. - 12" S = 690.86 (HGL 694.91)</p>	<p>CB 15 TYPE - AA - S125A TOP OF CASTING = 697.53 I.E. - 12" E = 690.86 (HGL 694.71) I.E. - 12" W = 690.86 (HGL 694.88)</p>	<p>CB 16 TYPE - AA - S125A TOP OF CASTING = 697.53 I.E. - 12" E = 690.94 (HGL 694.94)</p>	<p>CB 17 TYPE - AA - S125A TOP OF CASTING = 701.10 I.E. - 12" S = 691.17 (HGL 695.05)</p>	<p>CB 20 TYPE - AA - S125B TOP OF CASTING = 697.00 I.E. - 18" N = 687.82 (HGL 690.31) I.E. - 18" S = 687.82 (HGL 691.13)</p>	<p>CB 21 TYPE - AA - S125B TOP OF CASTING = 697.00 I.E. - 18" N = 687.97 (HGL 691.77) I.E. - 18" S = 687.97 (HGL 691.95)</p>	<p>CB 22 TYPE - AA - S125B TOP OF CASTING = 697.00 I.E. - 24" N = 688.11 (HGL 691.77) I.E. - 18" S = 688.61 (HGL 691.95)</p>	<p>CB 23 TYPE - AA - S133A TOP OF CASTING = 695.00 I.E. - 18" E = 689.53 (HGL 692.12) I.E. - 15" S = 690.03 (HGL 692.27)</p>	<p>CB 24 TYPE - AA - S125A TOP OF CASTING = 700.80 I.E. - 15" N = 690.53 (HGL 693.16) I.E. - 12" E&W = 690.82 (HGL 693.55)</p>	<p>CB 25 TYPE - AA - S125A TOP OF CASTING = 697.53 I.E. - 12" E = 690.85 (HGL 693.23) I.E. - 12" W = 690.85 (HGL 693.30)</p>	<p>CB 26 TYPE - AA - S125A TOP OF CASTING = 697.53 I.E. - 12" E = 690.93 (HGL 693.31)</p>	<p>CB 27 TYPE - AA - S125A TOP OF CASTING = 701.10 I.E. - 12" N = 691.16 (HGL 693.69)</p>	<p>MH 4 TYPE - C TOP OF CASTING = 698.0 I.E. - 36" E = 686.20 (HGL 690.81) I.E. - 18" W = 687.70 (HGL 690.81) I.E. - 18" N = 687.70 (HGL 690.87)</p>	<p>MH 5 TYPE - C TOP OF CASTING = 698.0 I.E. - 24" E = 688.40 (HGL 691.67) I.E. - 24" N = 688.90 (HGL 692.50) I.E. - 18" W = 688.90 (HGL 692.40)</p>	<p>MH 6 TYPE - C TOP OF CASTING = 705.0 I.E. - 18" E = 689.62 (HGL 693.25) I.E. - 18" W = 689.62 (HGL 693.25) I.E. - 15" N = 689.85 (HGL 693.75)</p>	<p>MH 7 TYPE - C TOP OF CASTING = 699.0 I.E. - 18" E = 689.92 (HGL 693.99) I.E. - 18" N = 689.92 (HGL 694.16)</p>	<p>MH 8 TYPE - C TOP OF CASTING = 699.7 I.E. - 18" S = 690.31 (HGL 694.50) I.E. - 12" E = 690.83 (HGL 694.66) I.E. - 12" W = 690.83 (HGL 694.67)</p>	<p>MH 11 TYPE - C TOP OF CASTING = 697.5 I.E. - 36" E = 686.19 (HGL 690.10) I.E. - 36" W = 686.19 (HGL 690.43) I.E. - 18" S = 687.69 (HGL 690.77)</p>	<p>MH 12 TYPE - C TOP OF CASTING = 697.5 I.E. - 36" E = 686.47 (HGL 690.58) I.E. - 24" W = 687.59 (HGL 690.61) I.E. - 18" S = 687.93 (HGL 690.58)</p>	<p>MH 13 TYPE - C TOP OF CASTING = 697.5 I.E. - 24" E = 688.09 (HGL 691.19) I.E. - 24" S = 688.09 (HGL 691.29) I.E. - 18" W = 689.07 (HGL 691.75)</p>	<p>MH 14 TYPE - C TOP OF CASTING = 699.7 I.E. - 15" N = 690.53 (HGL 692.88) I.E. - 12" W = 690.82 (HGL 693.22) I.E. - 12" E = 690.82 (HGL 693.11)</p>
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NOTE:
(HGL) = 10 YEAR
HYDRAULIC GRADIENT LINE

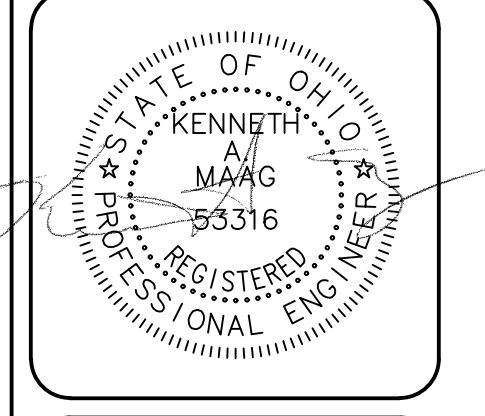
NOTE:
SEE PROFILES FOR PIPE
CROSSING CONFLICTS

MATCH LINE



**DHL SUPPLY CHAIN
ASHVILLE LOGISTICS PARK
ASHVILLE, OHIO**

**UTILITY
PLAN**

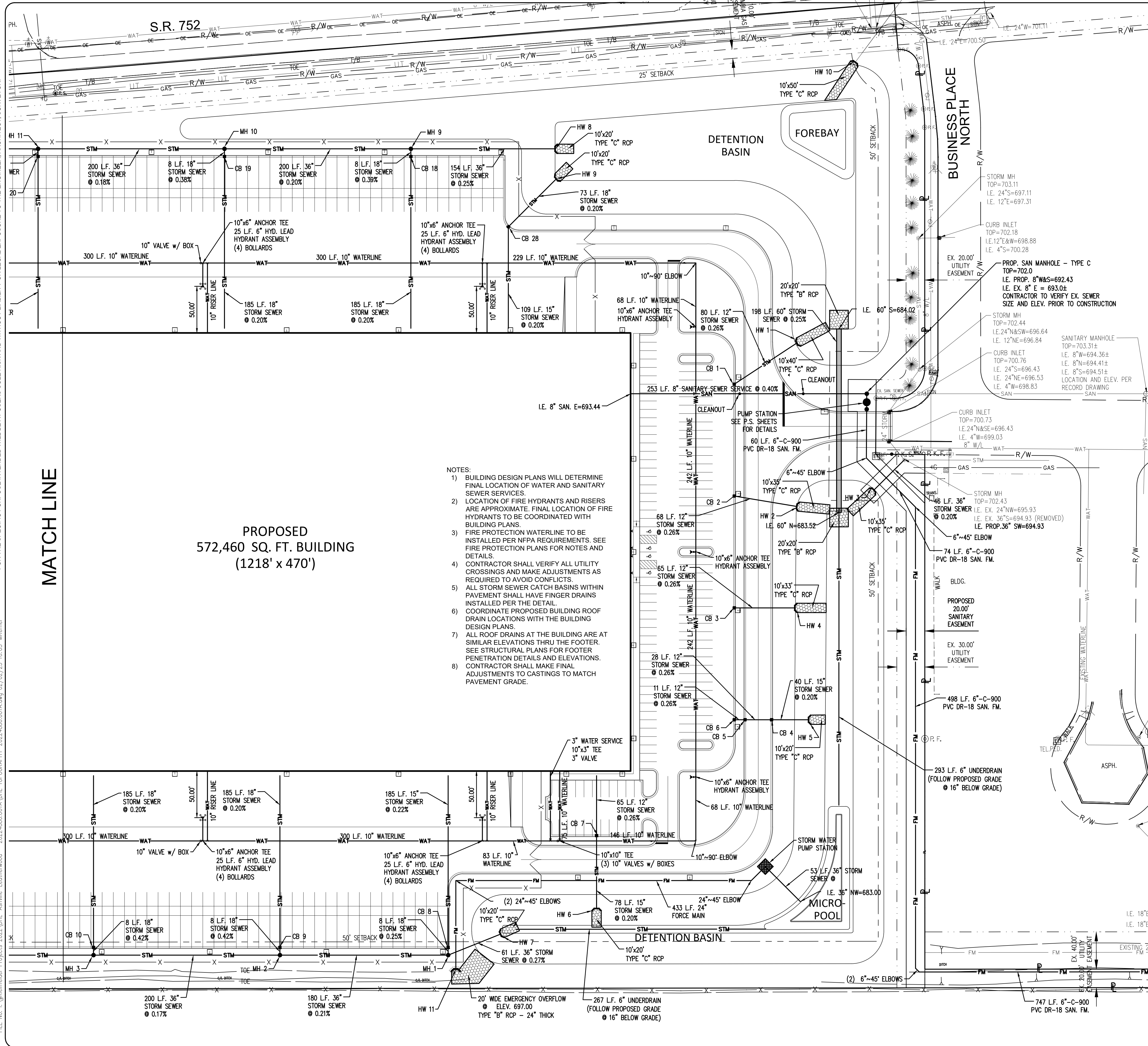


22
DATE
09/13/2022
PROJECT NUMBER
20224880.001A

REV.	DATE	DESCRIPTION
2/3/23	VILLAGE SUBMITTAL	

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FILE No. A:\Kleinfielder Projects\2023\01-DHL-Ashville-Leatherwood - 20224880.001A\01-DHL-TOPOGRAPHY-20224880.001A.dwg 02/02/23 10:05-WKremer

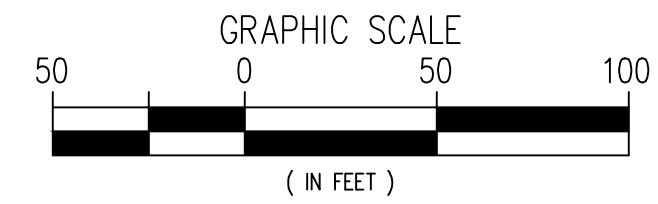


PROPOSED
572,460 SQ. FT. BUILDING
(1218' x 470')

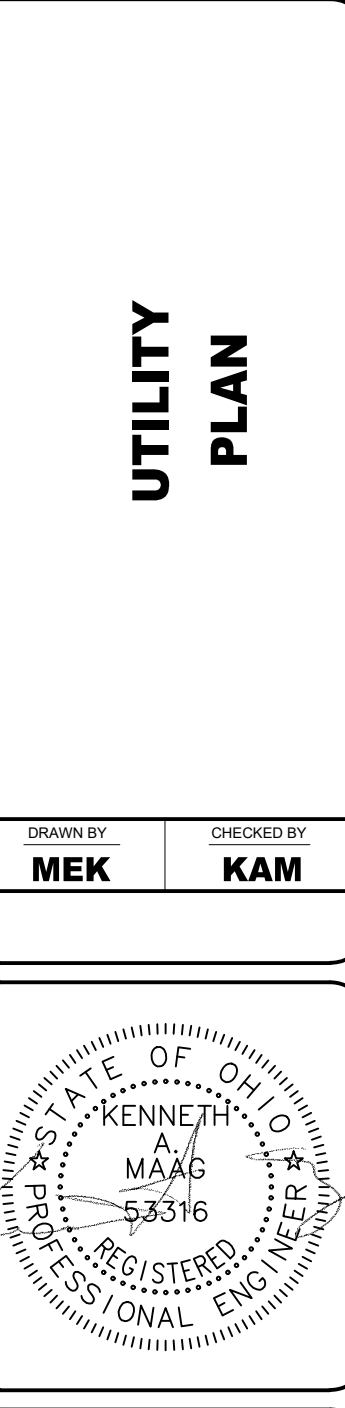
- NOTES:
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 - CONTRACTOR SHALL MAKE FINAL ADJUSTMENTS TO CASTINGS TO MATCH PAVEMENT GRADE.

STORM SEWER STRUCTURES

- | | |
|--|--|
| <p>CB 1
TYPE - AA - S125A
TOP OF CASTING = 700.80
I.E. - 12" E = 695.21 (HGL 696.06)</p> <p>CB 2
TYPE - AA - S125A
TOP OF CASTING = 701.10
I.E. - 12" E = 695.17 (HGL 696.06)</p> <p>CB 3
TYPE - AA - S125A
TOP OF CASTING = 701.10
I.E. - 12" E = 695.17 (HGL 696.06)</p> <p>CB 4
TYPE - AA - S125A
TOP OF CASTING = 698.52
I.E. - 12" W = 690.08 (HGL 691.42)
I.E. - 15" E = 690.33 (HGL 691.30)</p> <p>CB 5
TYPE - AA - S125A
TOP OF CASTING = 698.52
I.E. - 12" E = 690.40 (HGL 691.52)
I.E. - 12" W = 690.40 (HGL 691.52)</p> <p>CB 6
TYPE - AA - S125A
TOP OF CASTING = 700.80
I.E. - 12" E = 690.43 (HGL 691.86)</p> <p>CB 7
TYPE - AA - S125A
TOP OF CASTING = 700.44
I.E. - 15" S = 690.15 (HGL 691.40)
I.E. - 12" N = 690.40 (HGL 691.69)</p> <p>CB 8
TYPE - AA - S125B
TOP OF CASTING = 697.20
I.E. - 18" S = 686.70 (HGL 689.10)
I.E. - 15" N = 686.95 (HGL 689.65)</p> <p>CB 9
TYPE - AA - S125B
TOP OF CASTING = 697.00
I.E. - 18" S = 687.09 (HGL 689.87)
I.E. - 18" N = 687.09 (HGL 690.79)</p> <p>CB 10
TYPE - AA - S125B
TOP OF CASTING = 697.00
I.E. - 18" S = 687.43 (HGL 690.51)
I.E. - 18" N = 687.43 (HGL 691.38)</p> <p>CB 18
TYPE - AA - S125B
TOP OF CASTING = 697.00
I.E. - 18" N = 686.92 (HGL 689.03)
I.E. - 18" S = 686.92 (HGL 689.94)</p> <p>CB 19
TYPE - AA - S125B
TOP OF CASTING = 697.00
I.E. - 18" N = 687.32 (HGL 689.79)
I.E. - 18" S = 687.32 (HGL 690.65)</p> <p>CB 28
TYPE - AA - S125A
TOP OF CASTING = 698.60
I.E. - 18" NE = 685.15 (HGL 686.66)
I.E. - 15" S = 685.40 (HGL 687.13)</p> | <p>MH 1
TYPE - C
TOP OF CASTING = 698.5
I.E. - 36" NE = 685.18 (HGL 688.17)
I.E. - 36" W = 685.18 (HGL 688.91)
I.E. - 18" N = 686.68 (HGL 689.07)</p> <p>MH 2
TYPE - C
TOP OF CASTING = 698.5
I.E. - 36" E = 685.56 (HGL 689.34)
I.E. - 36" W = 685.56 (HGL 689.88)
I.E. - 18" N = 687.06 (HGL 689.83)</p> <p>MH 3
TYPE - C
TOP OF CASTING = 698.5
I.E. - 36" E = 685.90 (HGL 690.22)
I.E. - 36" W = 685.90 (HGL 690.61)
I.E. - 18" N = 687.40 (HGL 690.47)</p> <p>MH 9
TYPE - C
TOP OF CASTING = 697.5
I.E. - 36" E = 685.39 (HGL 688.38)
I.E. - 36" W = 685.39 (HGL 689.98)
I.E. - 18" S = 686.89 (HGL 688.99)</p> <p>MH 10
TYPE - C
TOP OF CASTING = 697.5
I.E. - 36" E = 685.79 (HGL 689.38)
I.E. - 36" W = 685.83 (HGL 689.83)
I.E. - 18" S = 687.29 (HGL 689.75)</p> <p>HW 1
TYPE - PRECAST AA-S169
I.E. - 12" W = 695.00 (HGL 696.00)</p> <p>HW 2
TYPE - PRECAST AA-S169
I.E. - 12" W = 695.00 (HGL 696.00)</p> <p>HW 3
TYPE - PRECAST AA-S169
I.E. - 36" NE = 694.84 (HGL = N/A)</p> <p>HW 4
TYPE - PRECAST AA-S169
I.E. - 12" W = 695.00 (HGL = 696.00)</p> <p>HW 5
TYPE - PRECAST AA-S169
I.E. - 15" W = 690.00 (HGL 691.25)</p> <p>HW 6
TYPE - PRECAST AA-S169
I.E. - 15" N = 690.00 (HGL 691.25)</p> <p>HW 7
TYPE - PRECAST AA-S169
I.E. - 36" SW = 685.00 (HGL 688.00)</p> <p>HW 8
TYPE - PRECAST AA-S169
I.E. - 36" W = 685.00 (HGL 688.00)</p> <p>HW 9
TYPE - PRECAST AA-S169
I.E. - 18" SW = 685.00 (HGL 686.50)</p> <p>HW 10
TYPE - PRECAST AA-S169
I.E. - EX. 24" NE = 698.0±</p> <p>HW 11
SEE PUMP STATION DISCHARGE HEADWALL DETAIL
I.E. - 24" F.M. N = 694.75</p> |
|--|--|



DHL SUPPLY CHAIN
ASHVILLE LOGISTICS PARK
ASHVILLE, OHIO

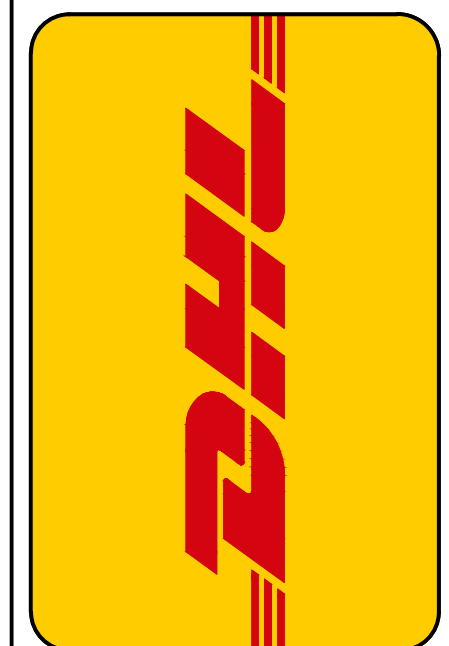
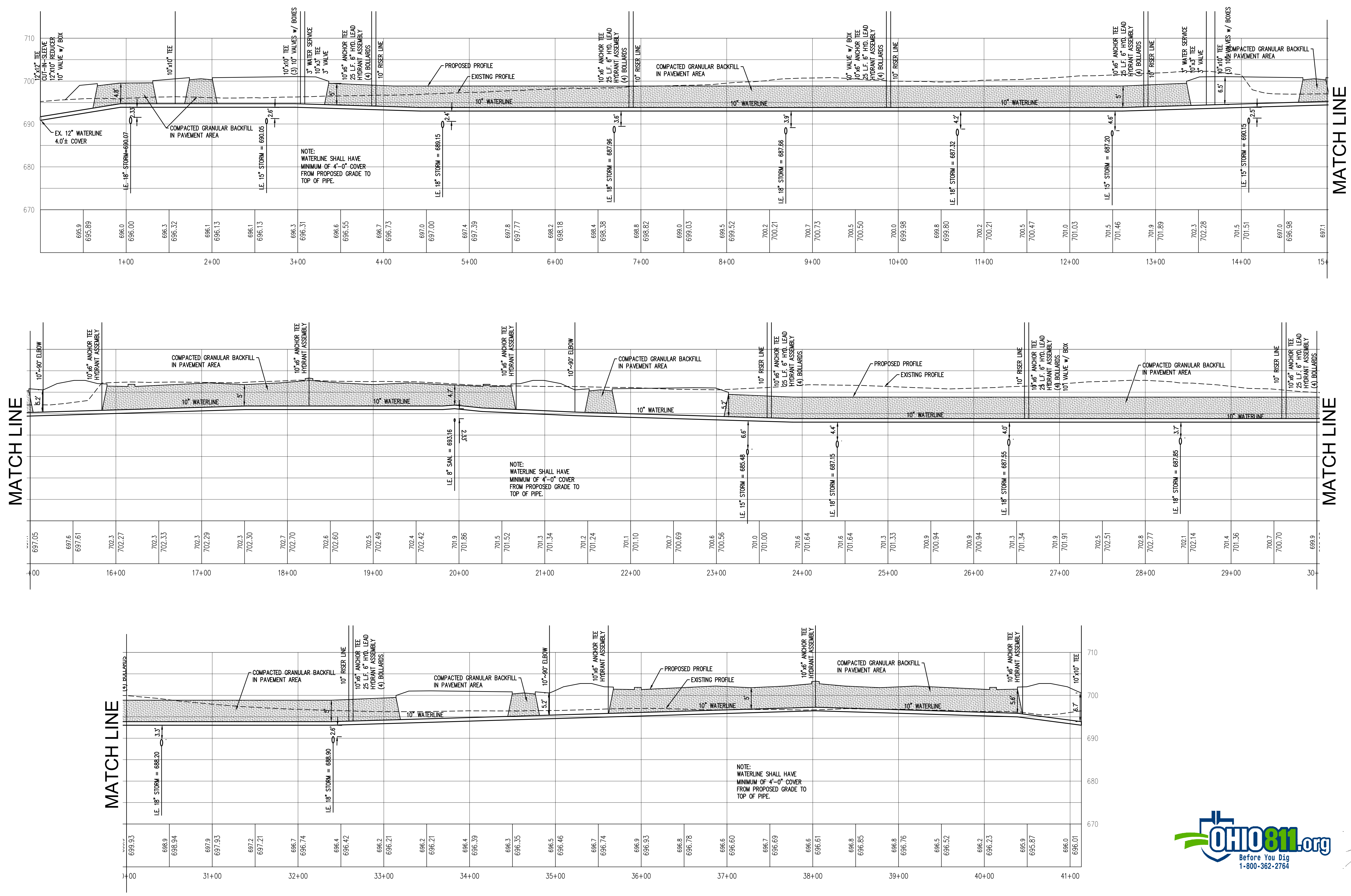


23
DATE
09/13/2022
PROJECT NUMBER
20224880.001A

REV.	DATE	DESCRIPTION
2/3/23	VILLAGE SUBMITTAL	

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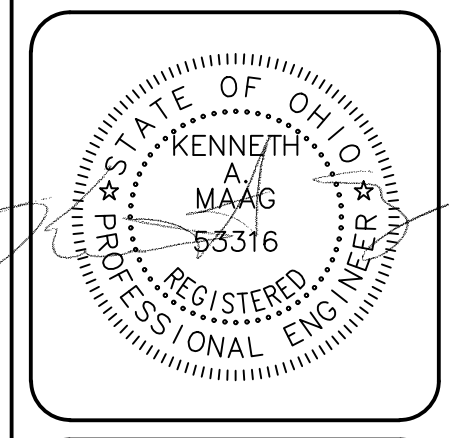
FILE: No. 1, \Kleinfielder Projects 2022\014-Ashville-Leatherwood - 20224880.001A.dwg, 02/02/23, 10:06 - Wkerner



DHL SUPPLY CHAIN
ASHVILLE LOGISTICS PARK
ASHVILLE, OHIO

WATERLINE PROFILES

DRAWN BY: **MEK**
 CHECKED BY: **KAM**

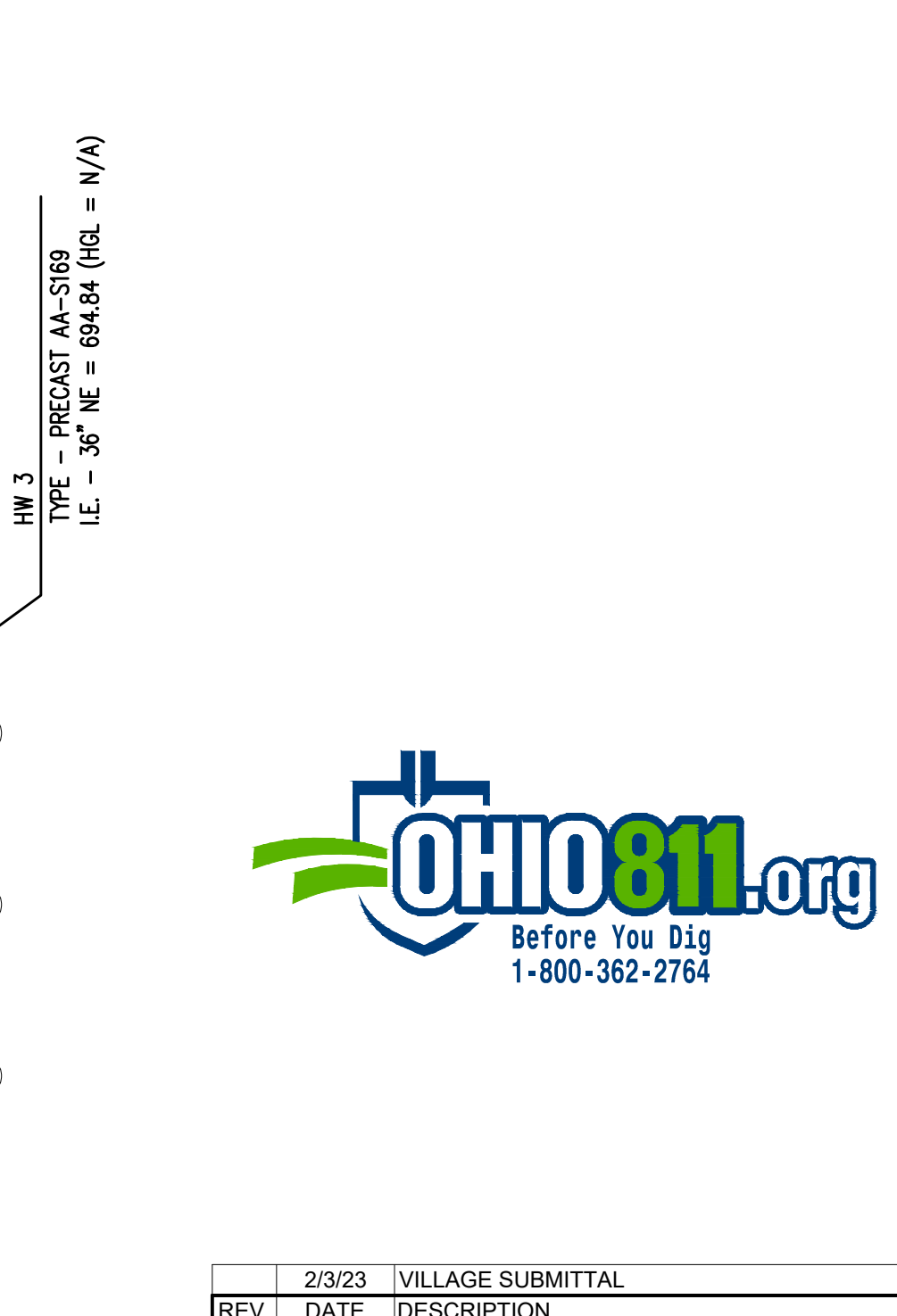
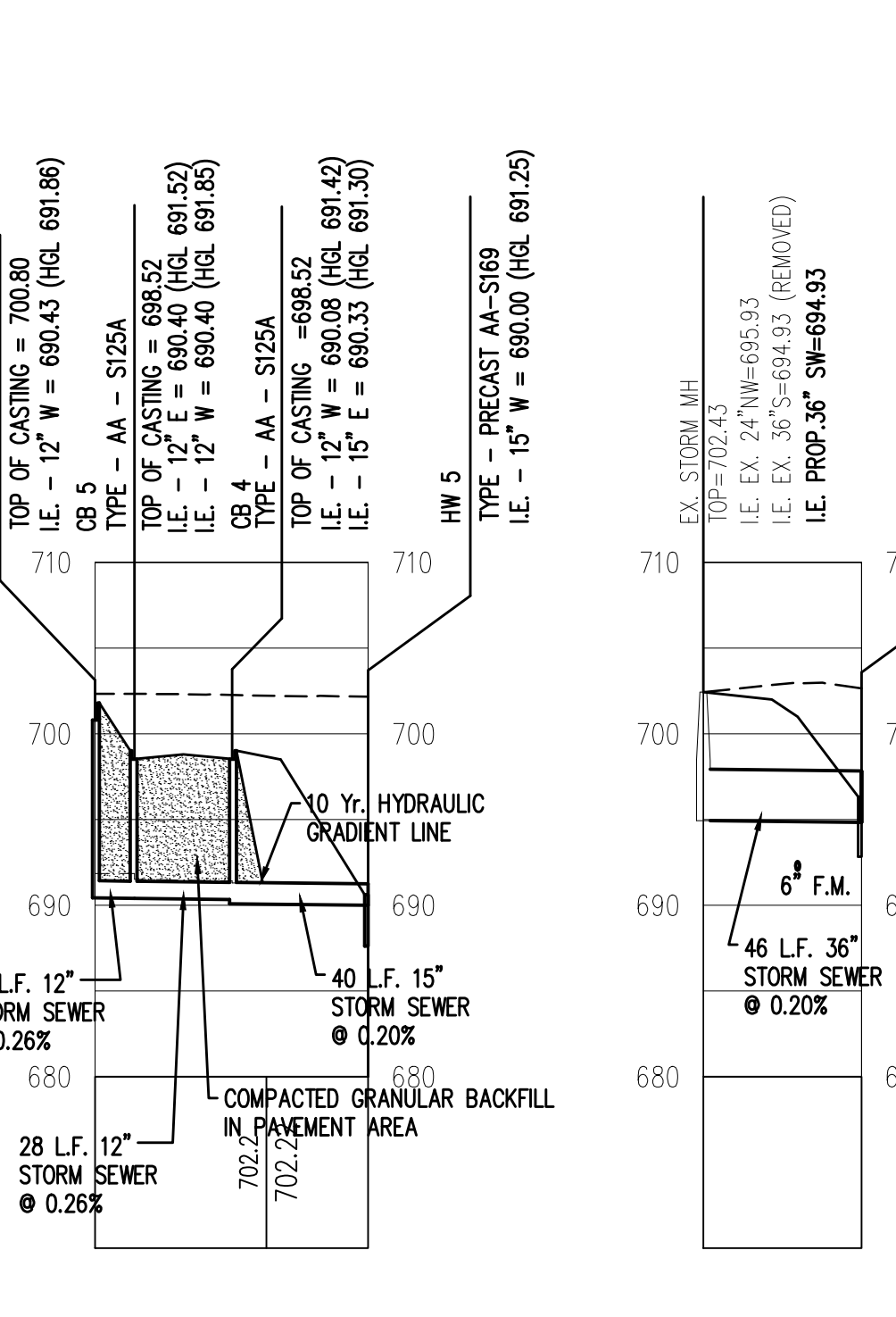
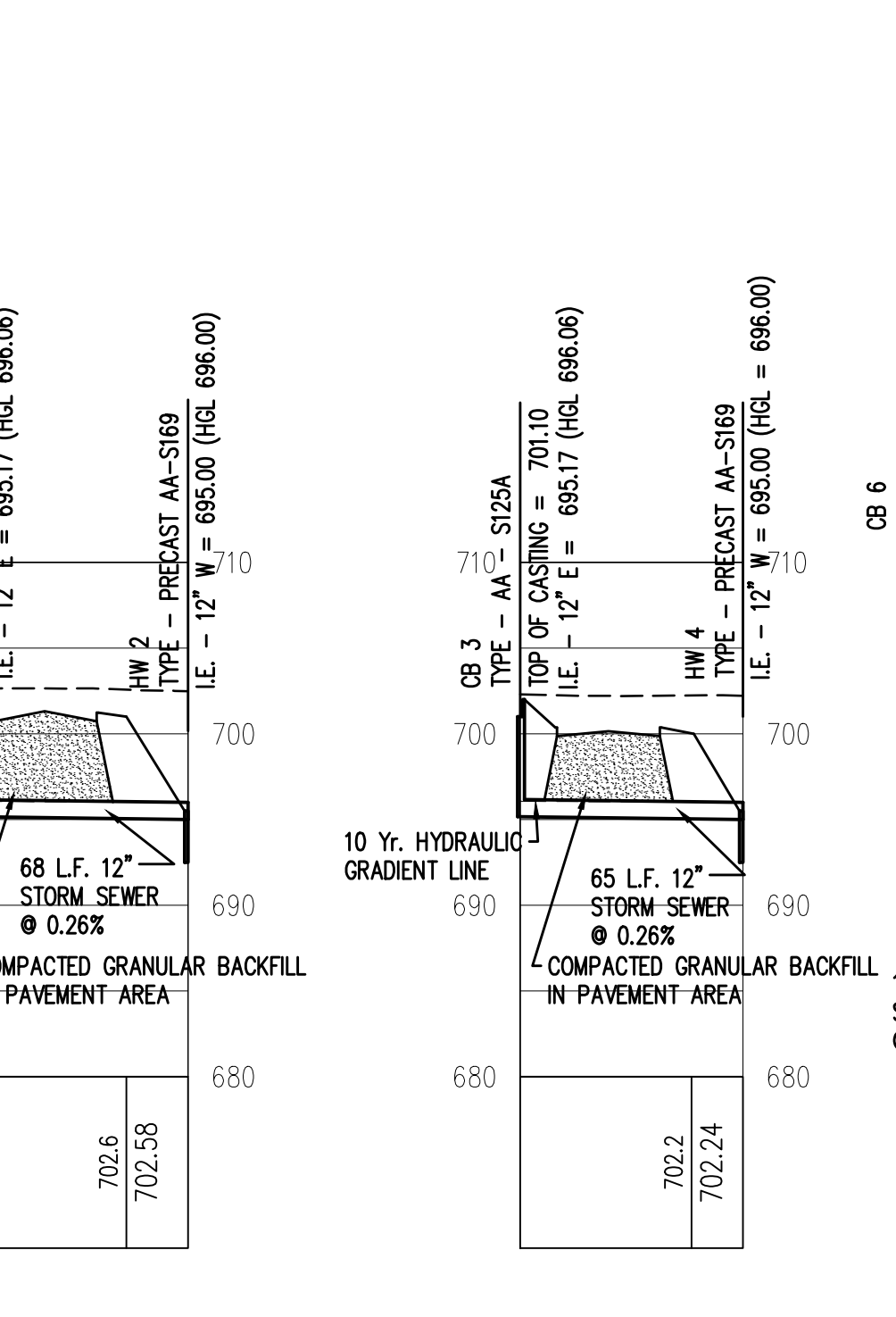
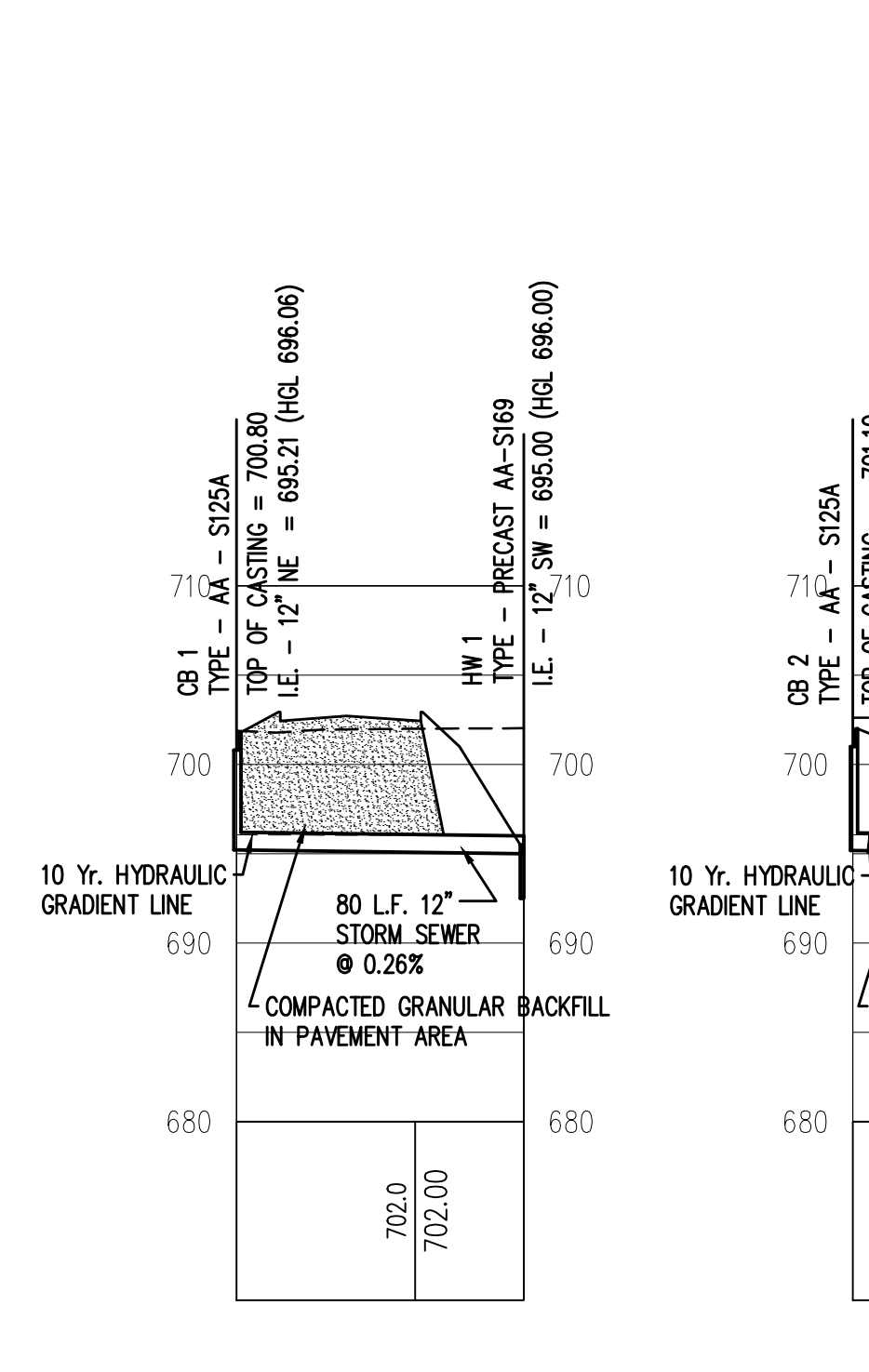
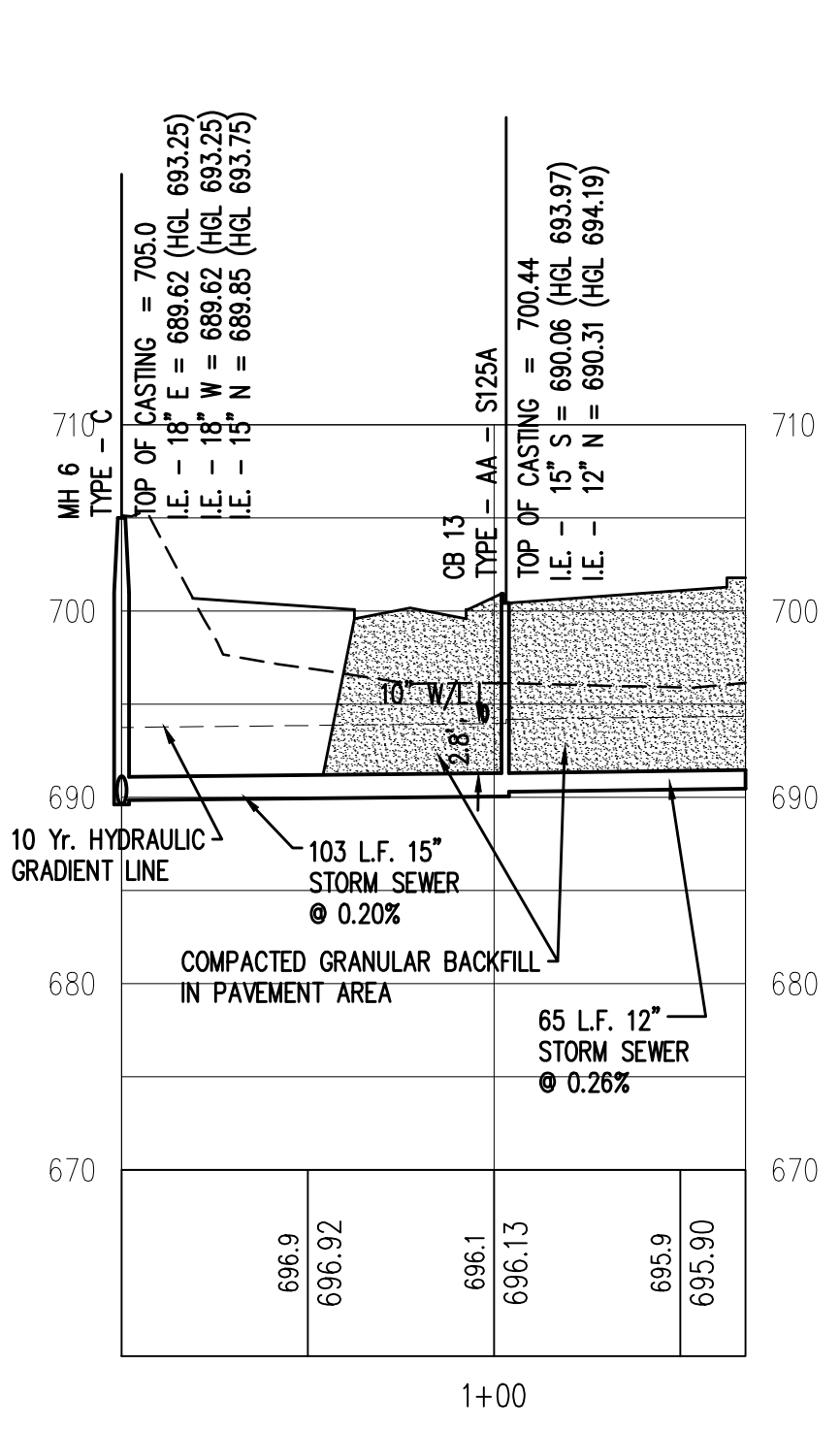
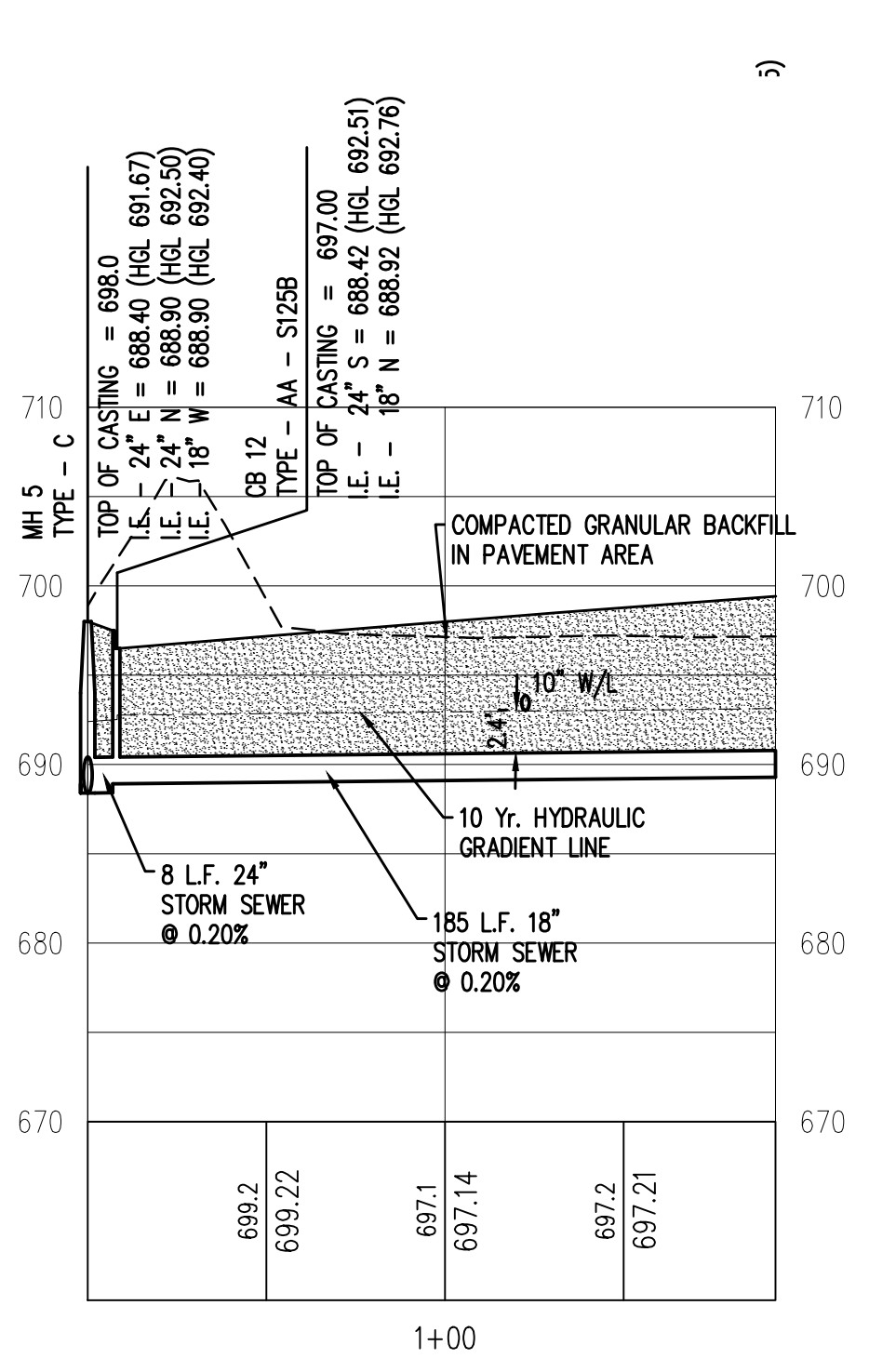
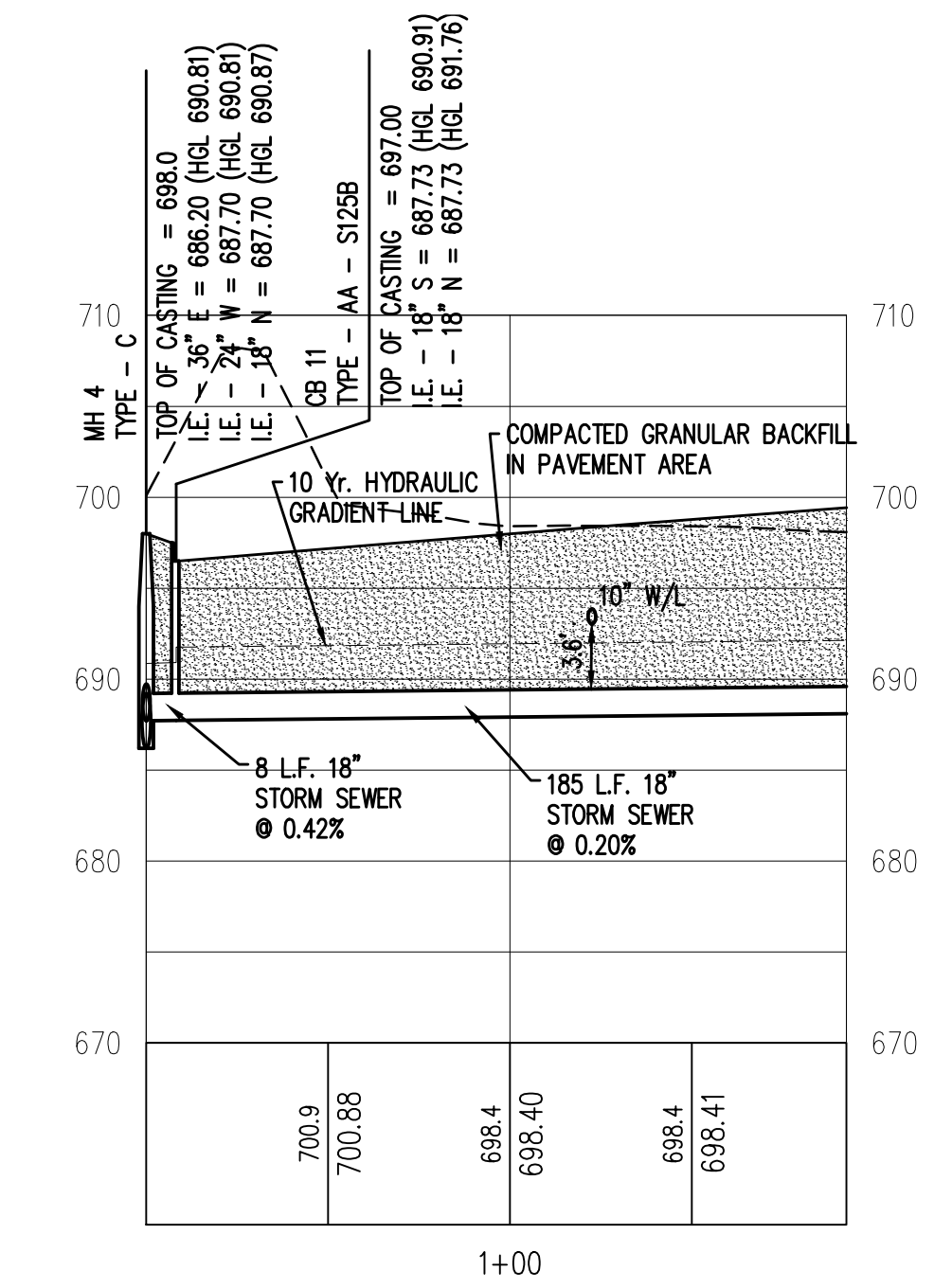
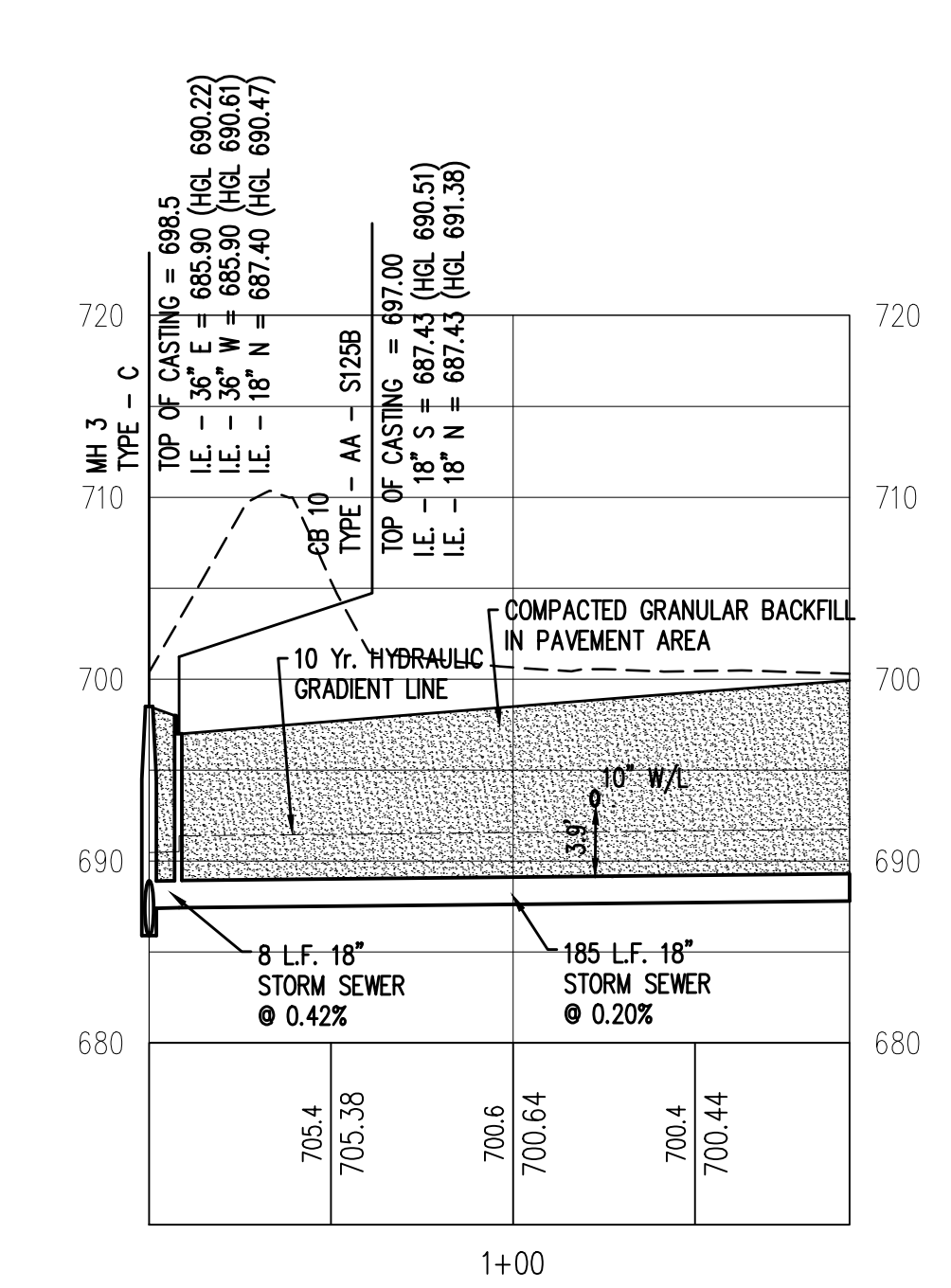
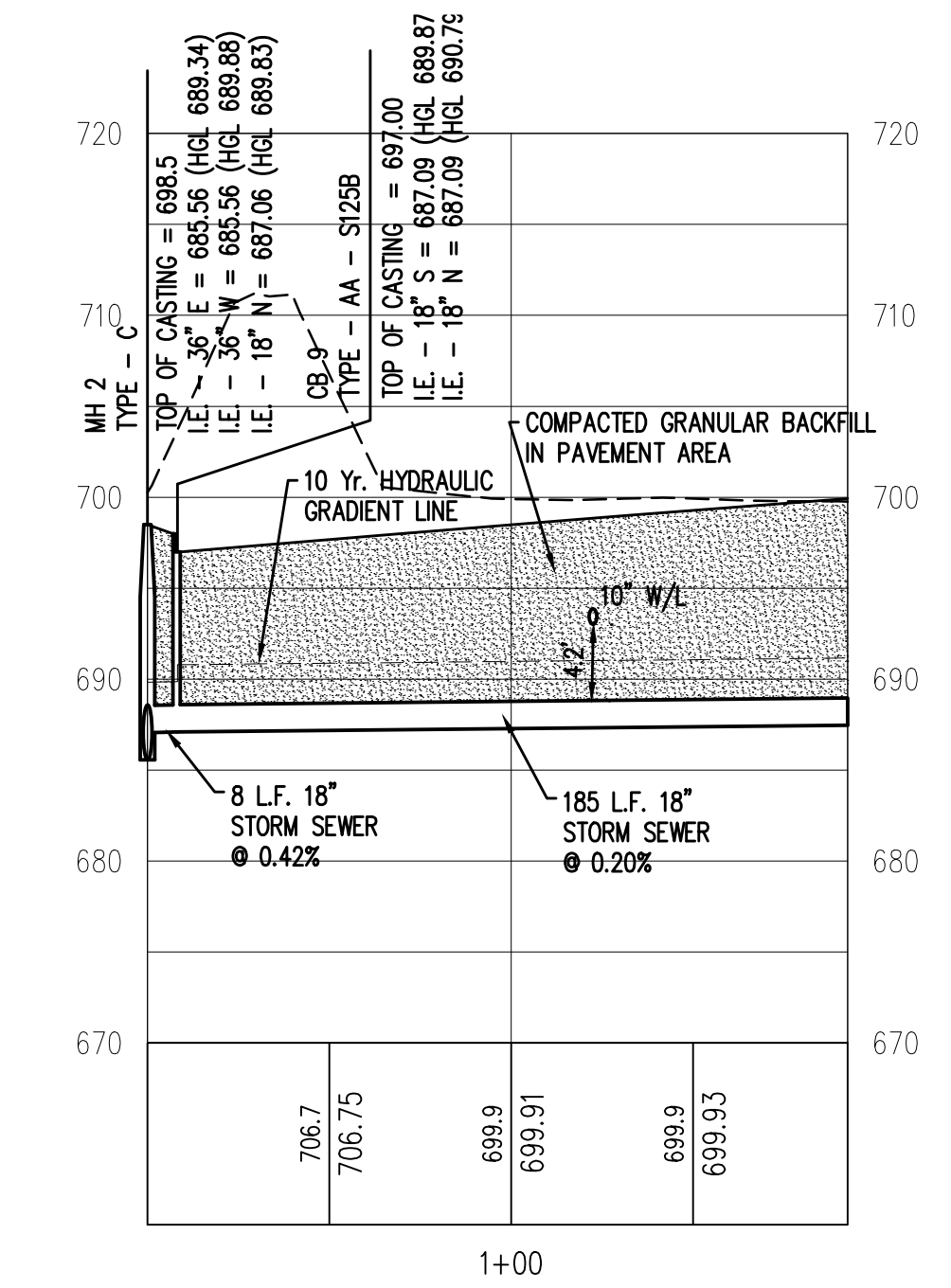
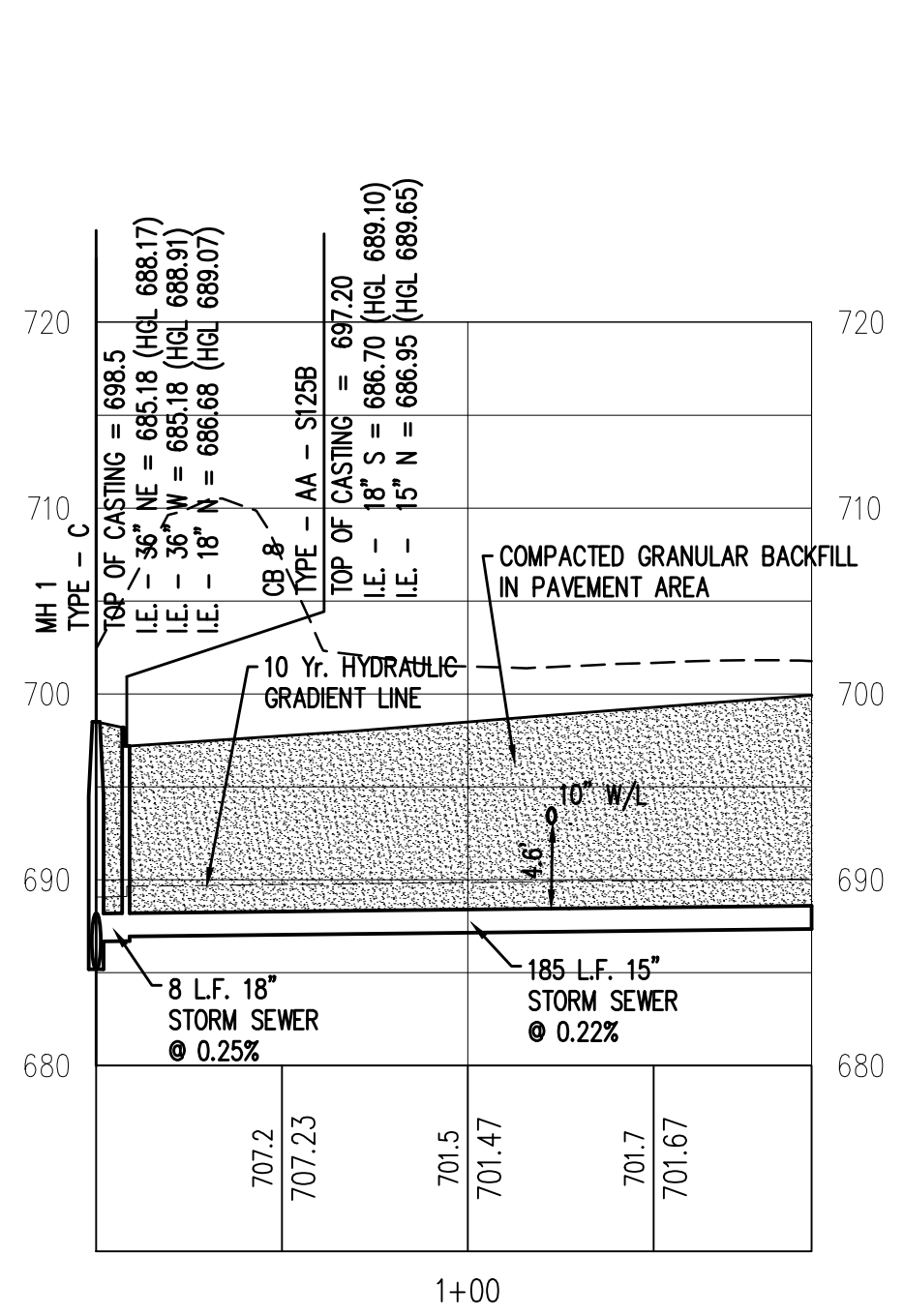
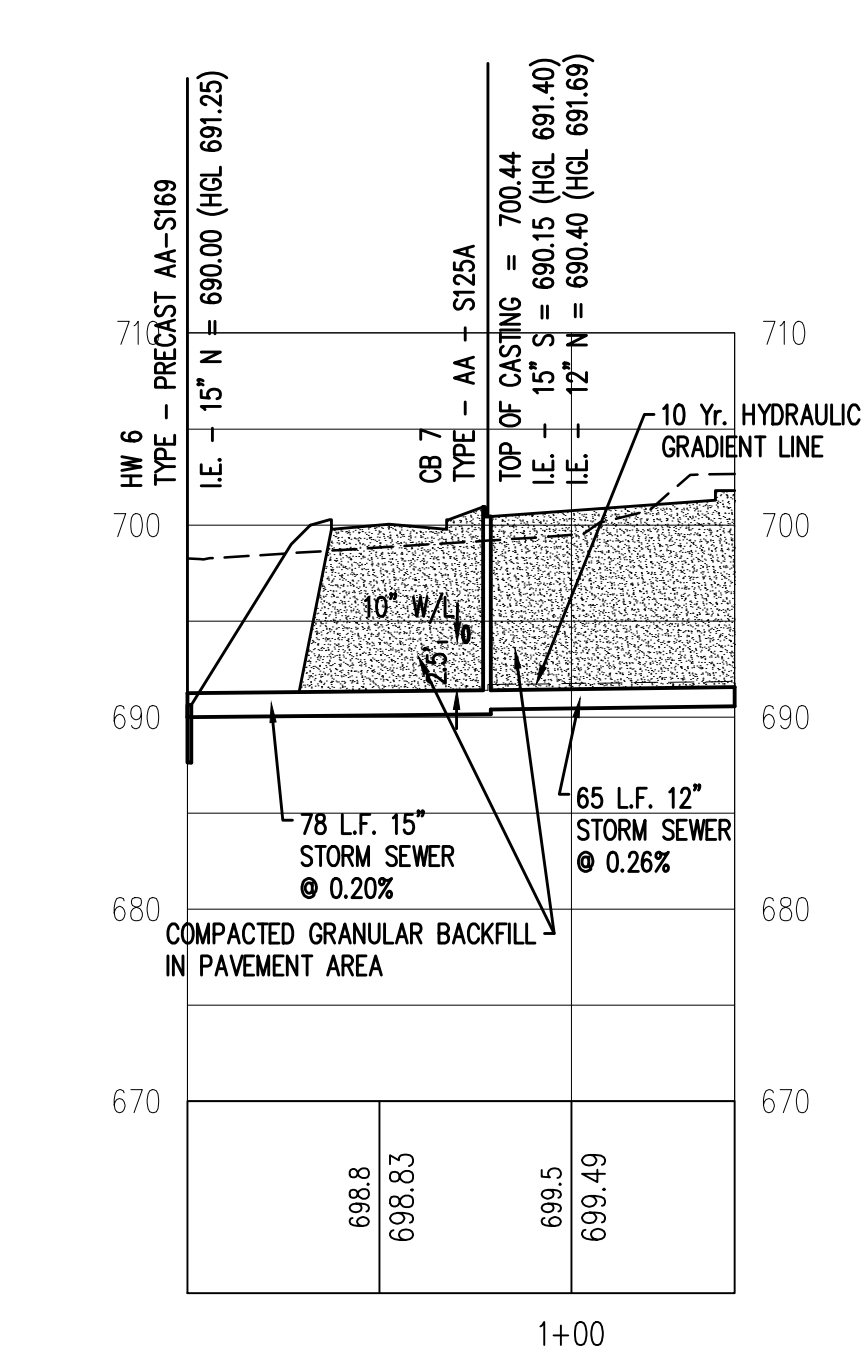
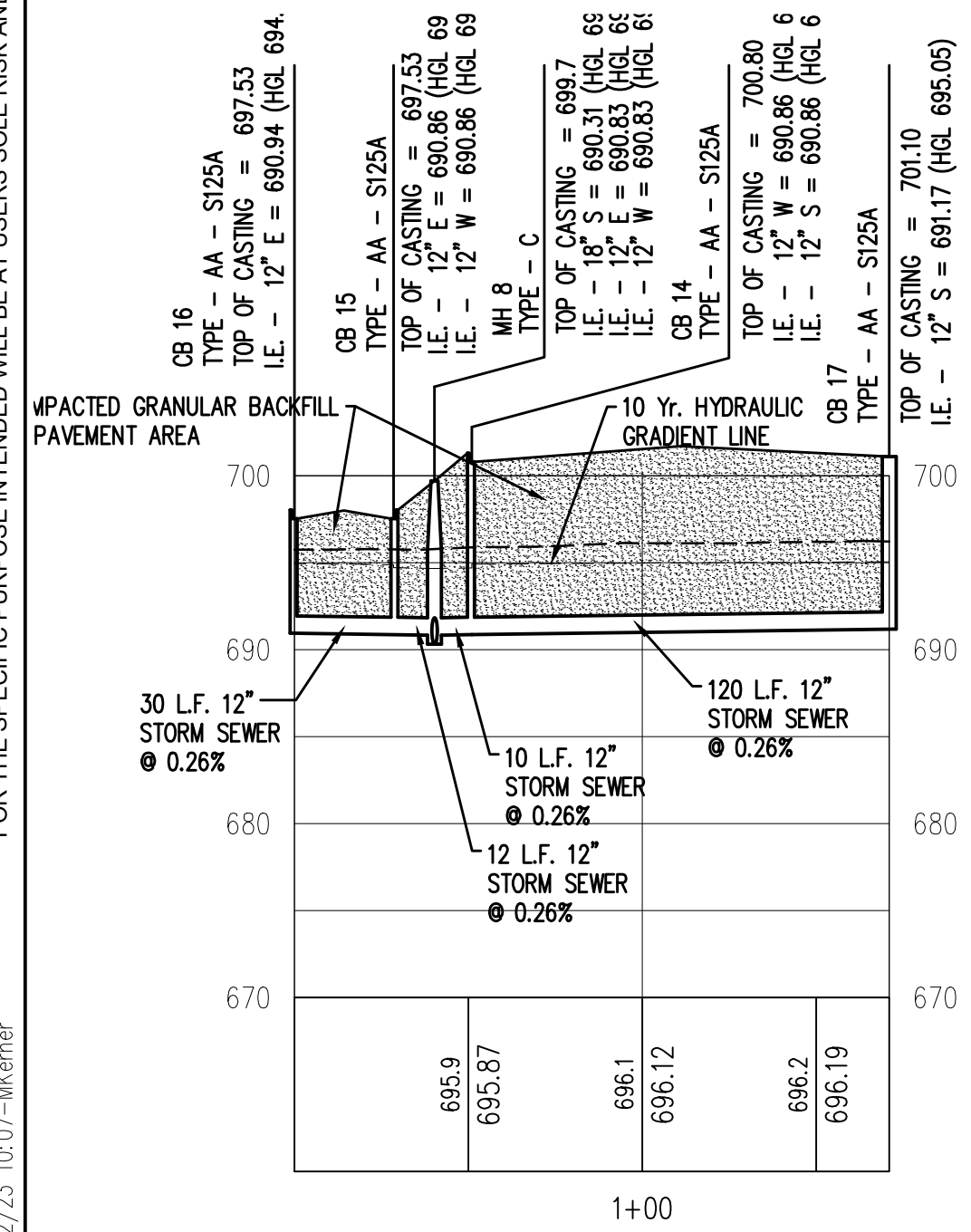
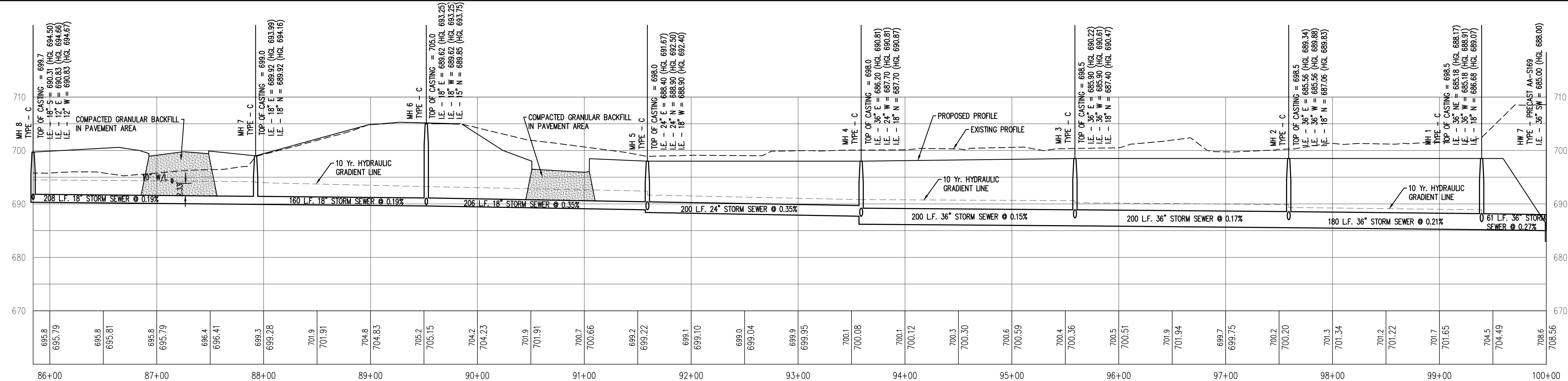


25
 DATE: **09/13/2022**
 PROJECT NUMBER: **20224880.001A**

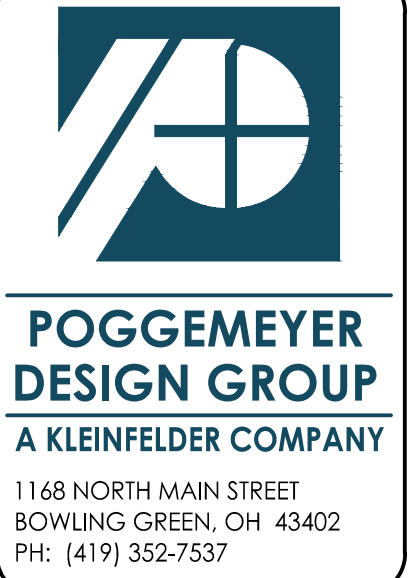
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2/3/23		VILLAGE SUBMITTAL

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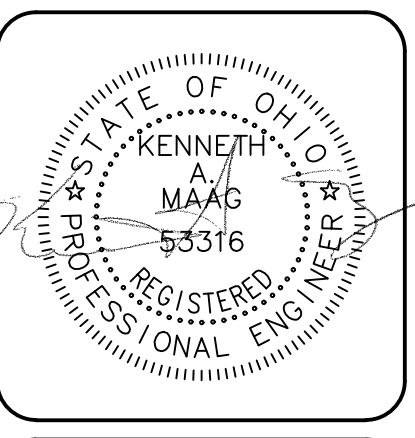
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2/3	2/3	VILLAGE SUBMITTAL



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ASHVILLE, OHIO

STORM SEWER PROFILES

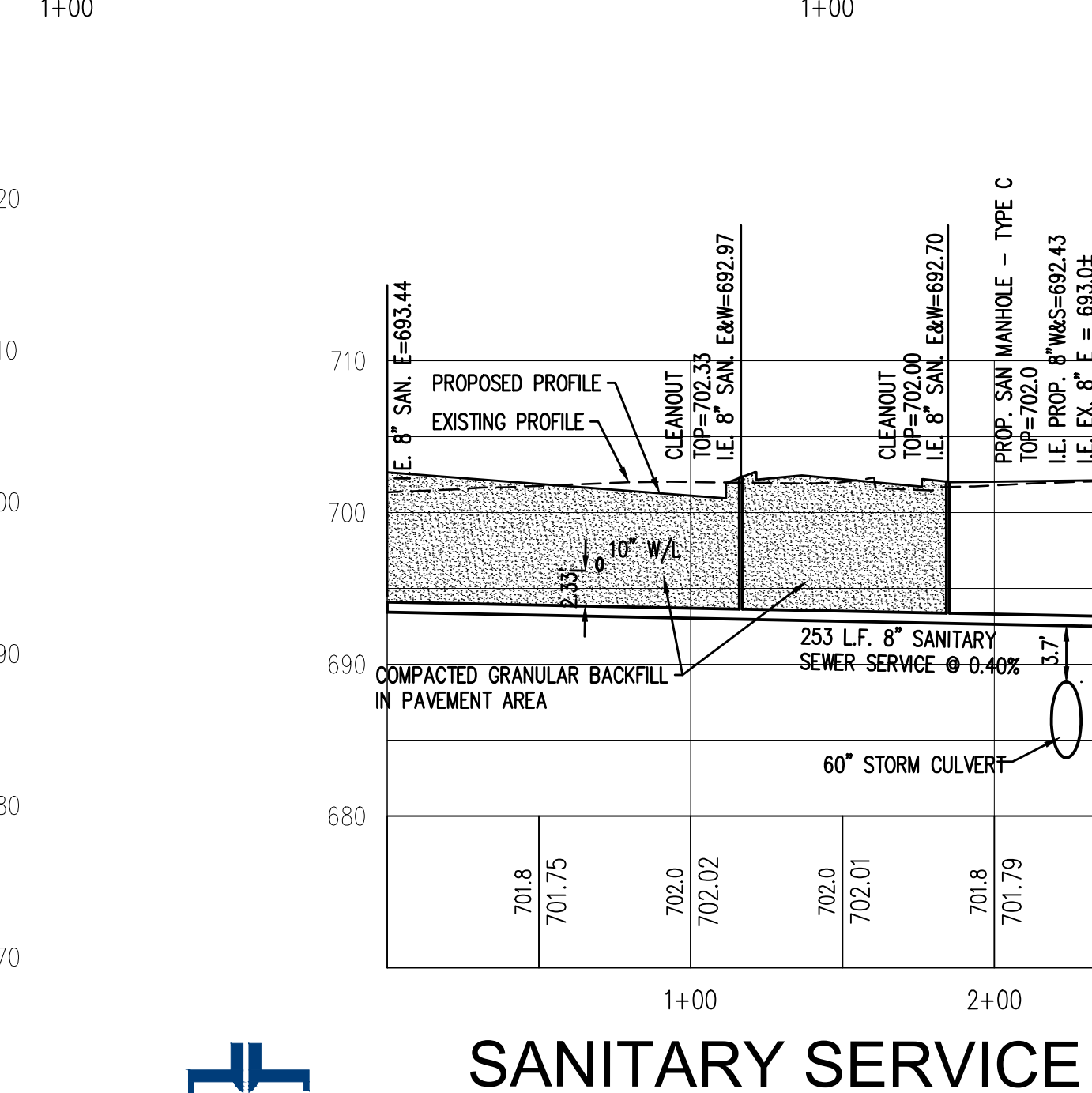
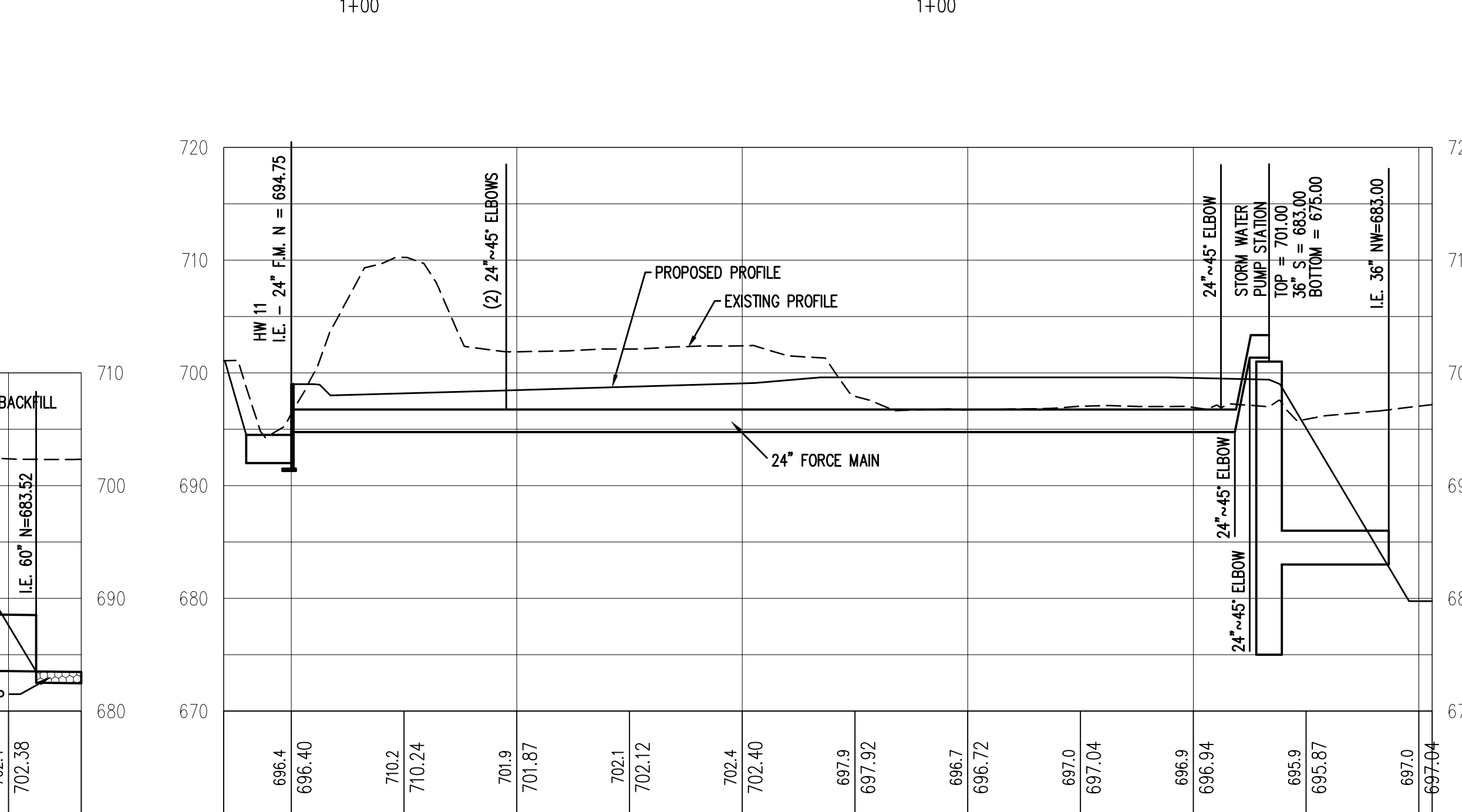
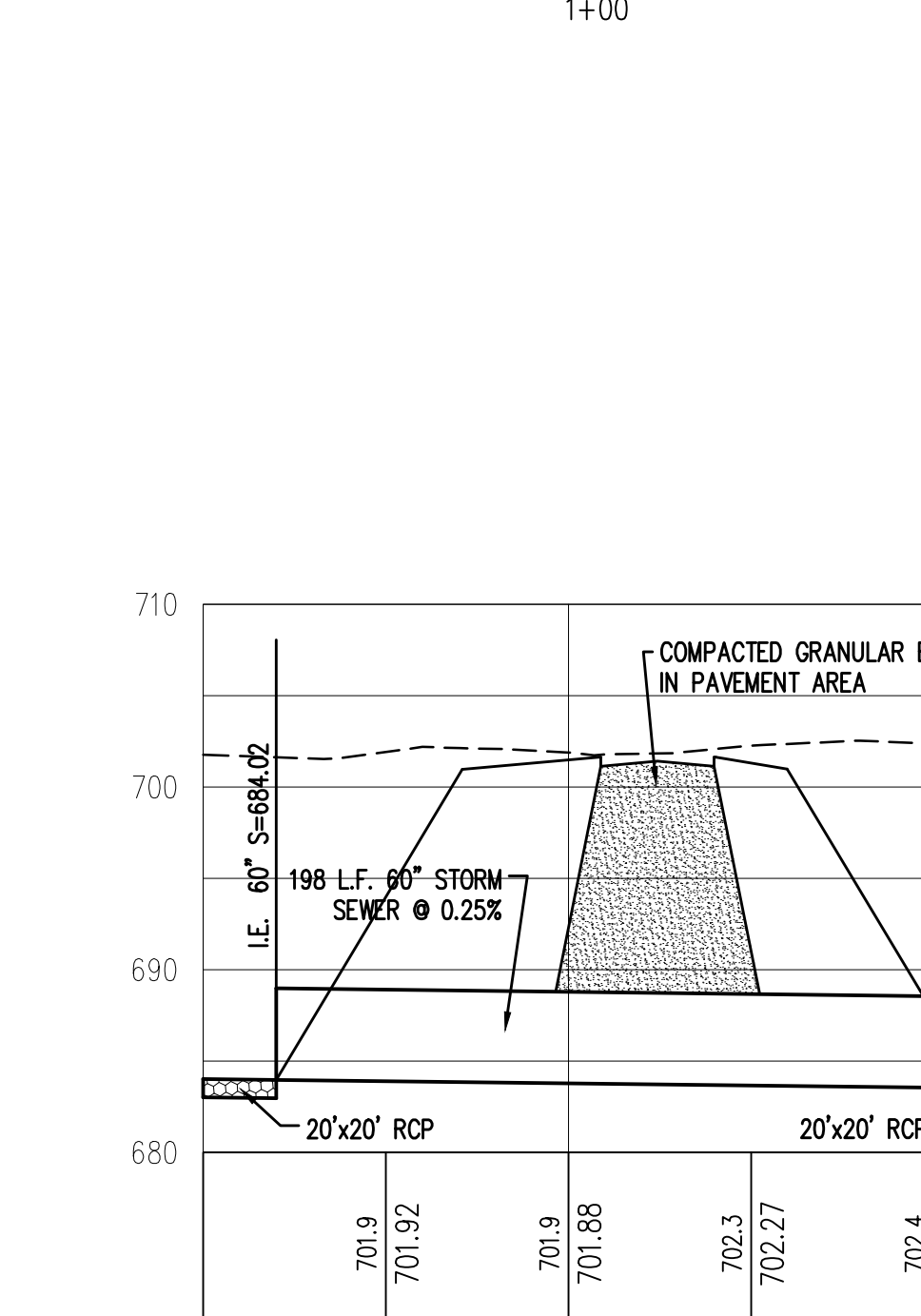
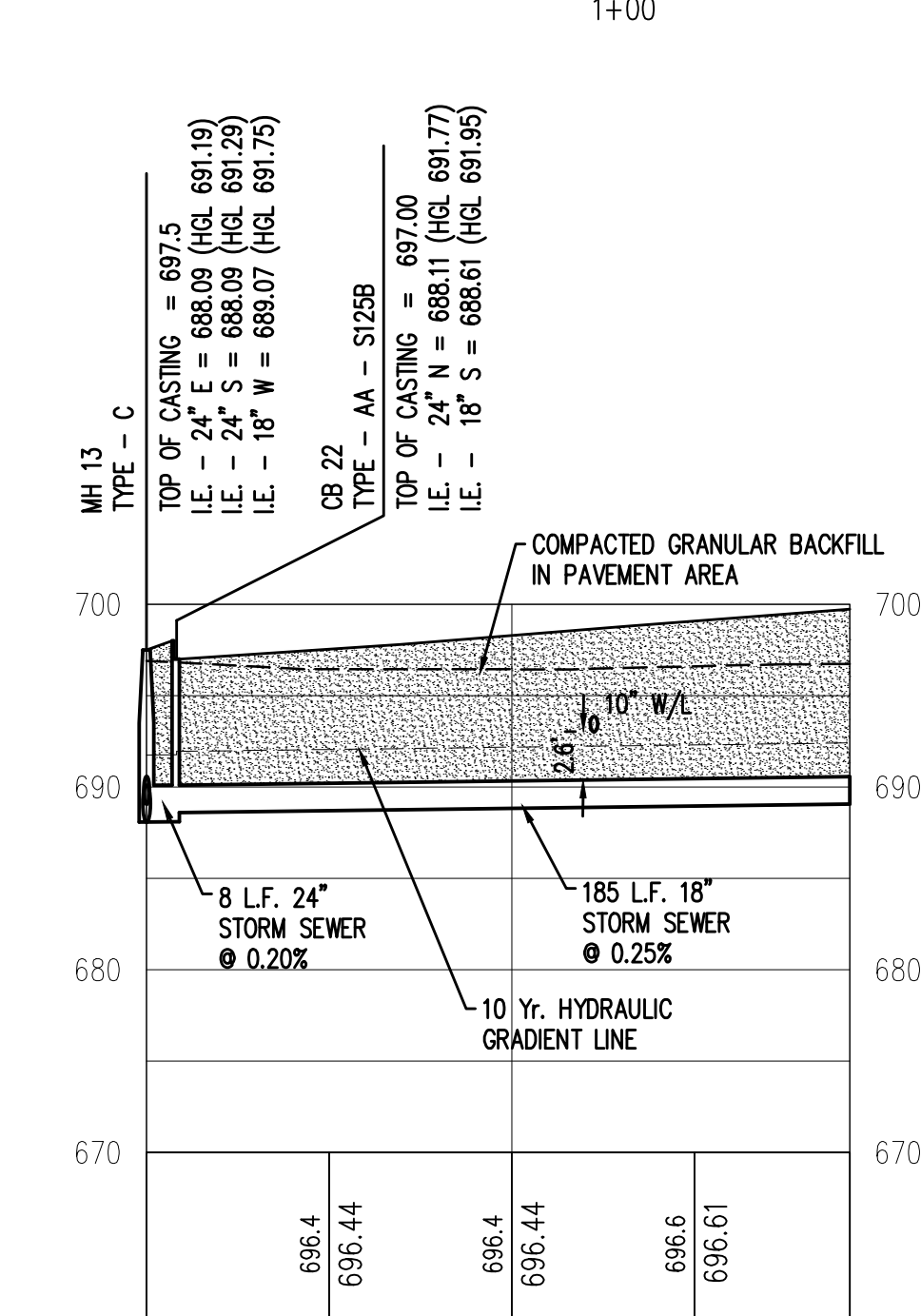
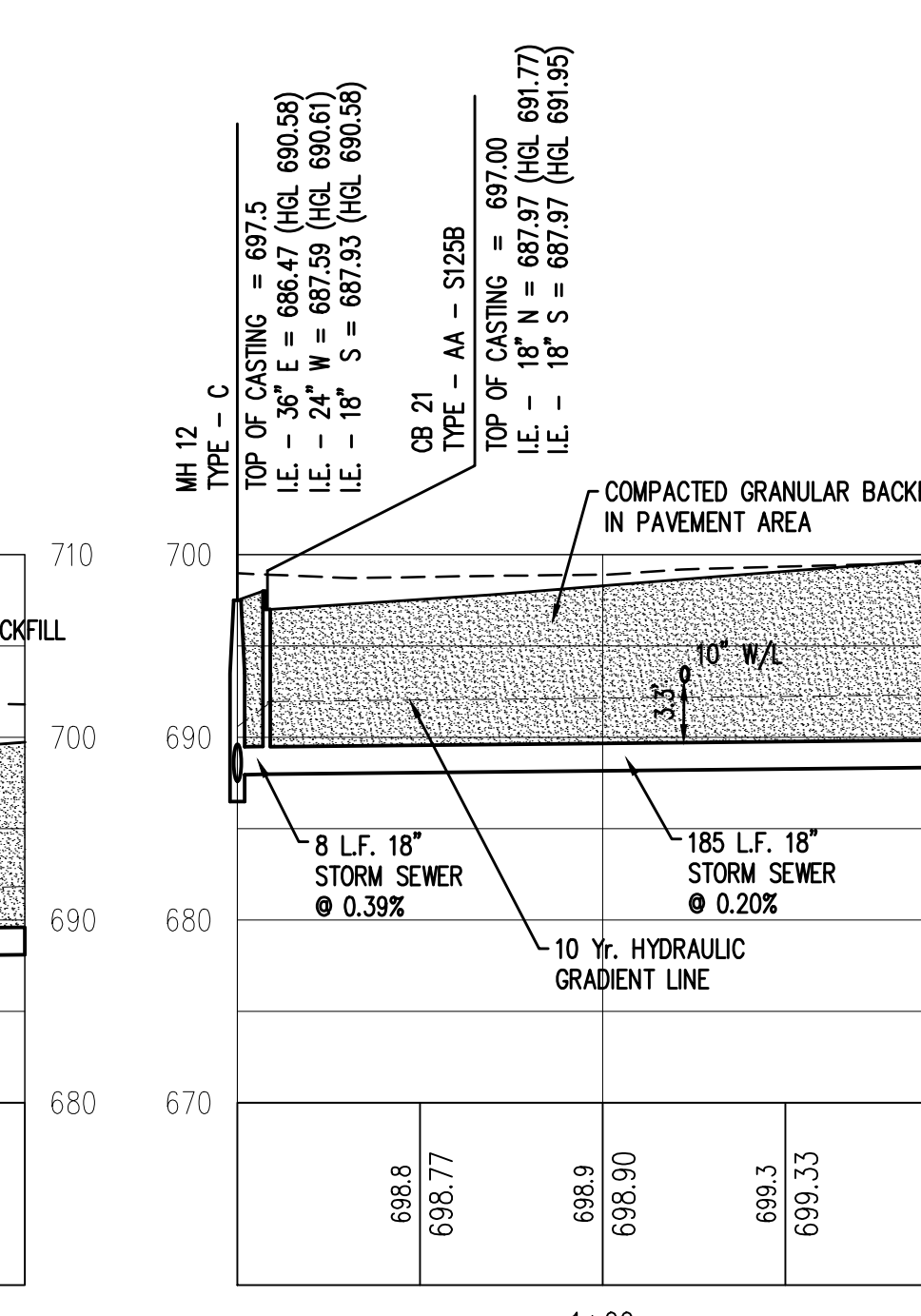
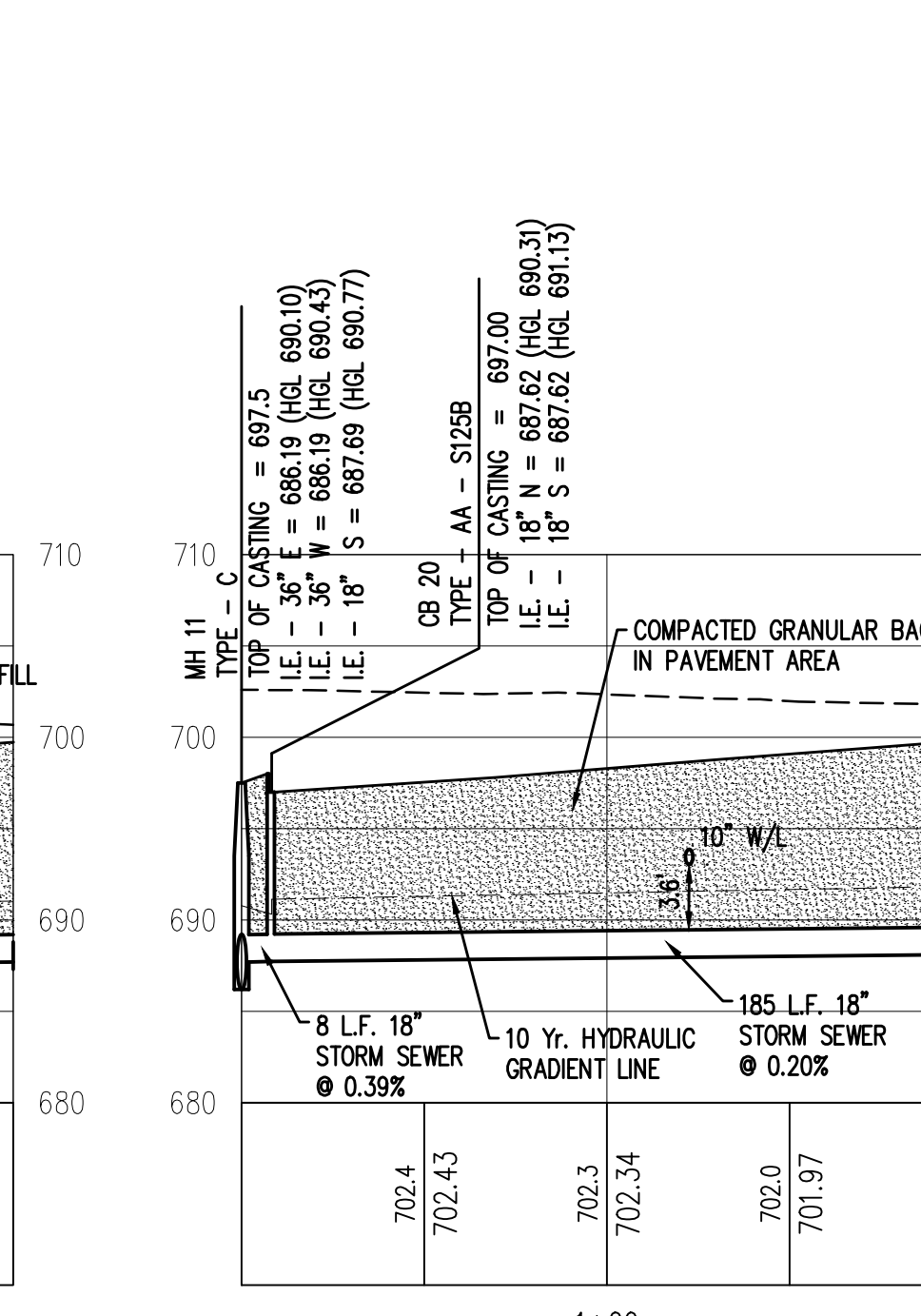
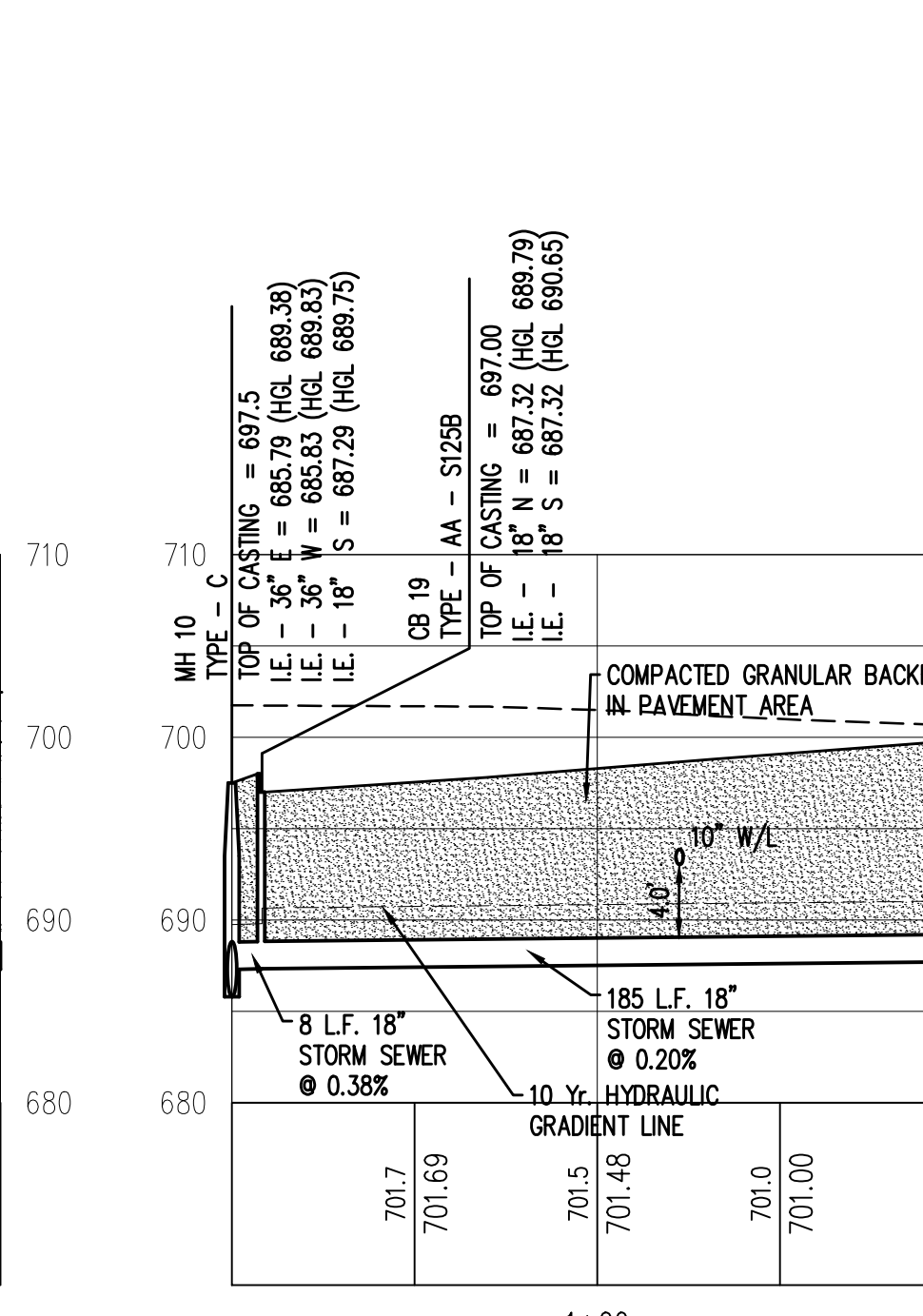
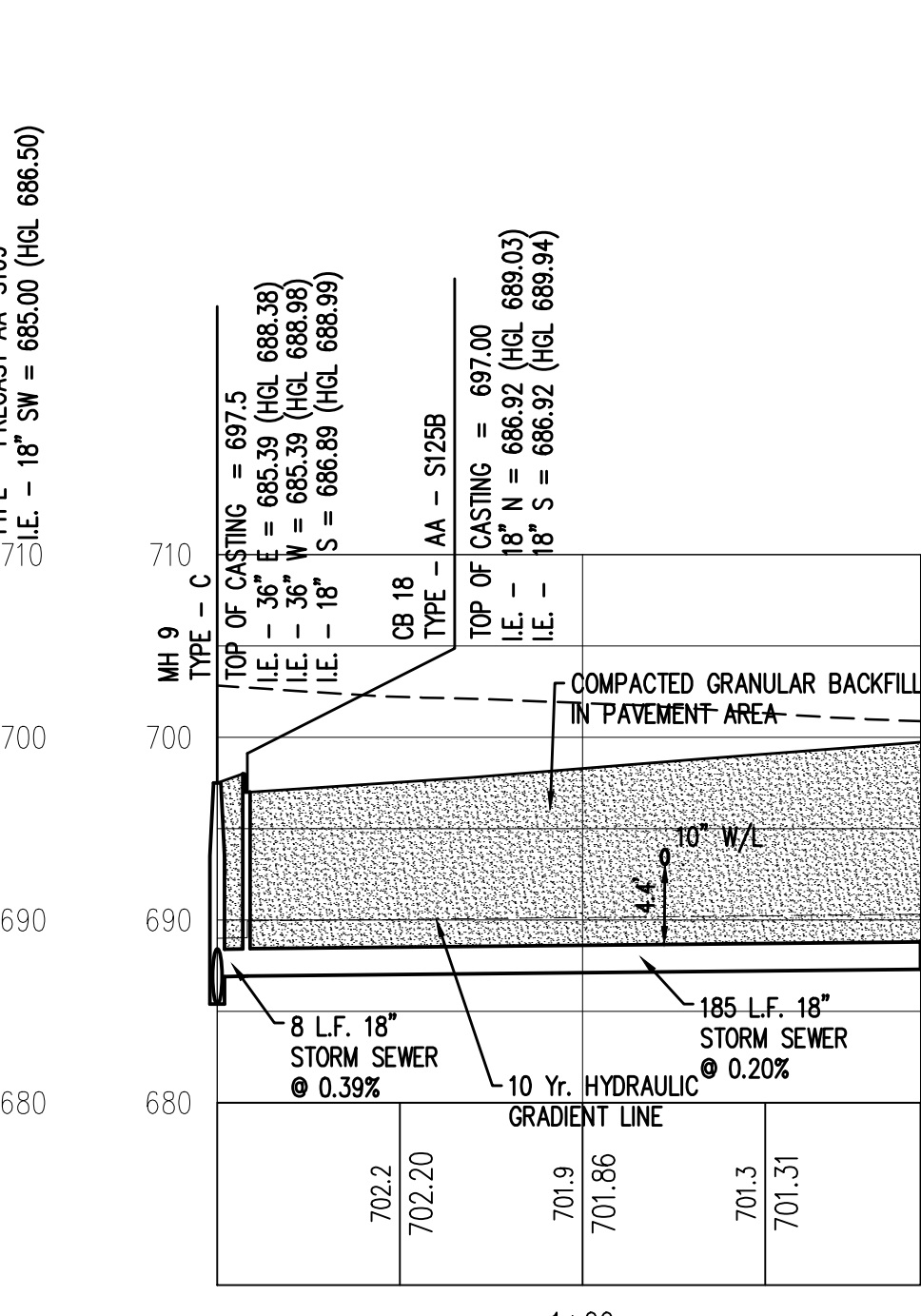
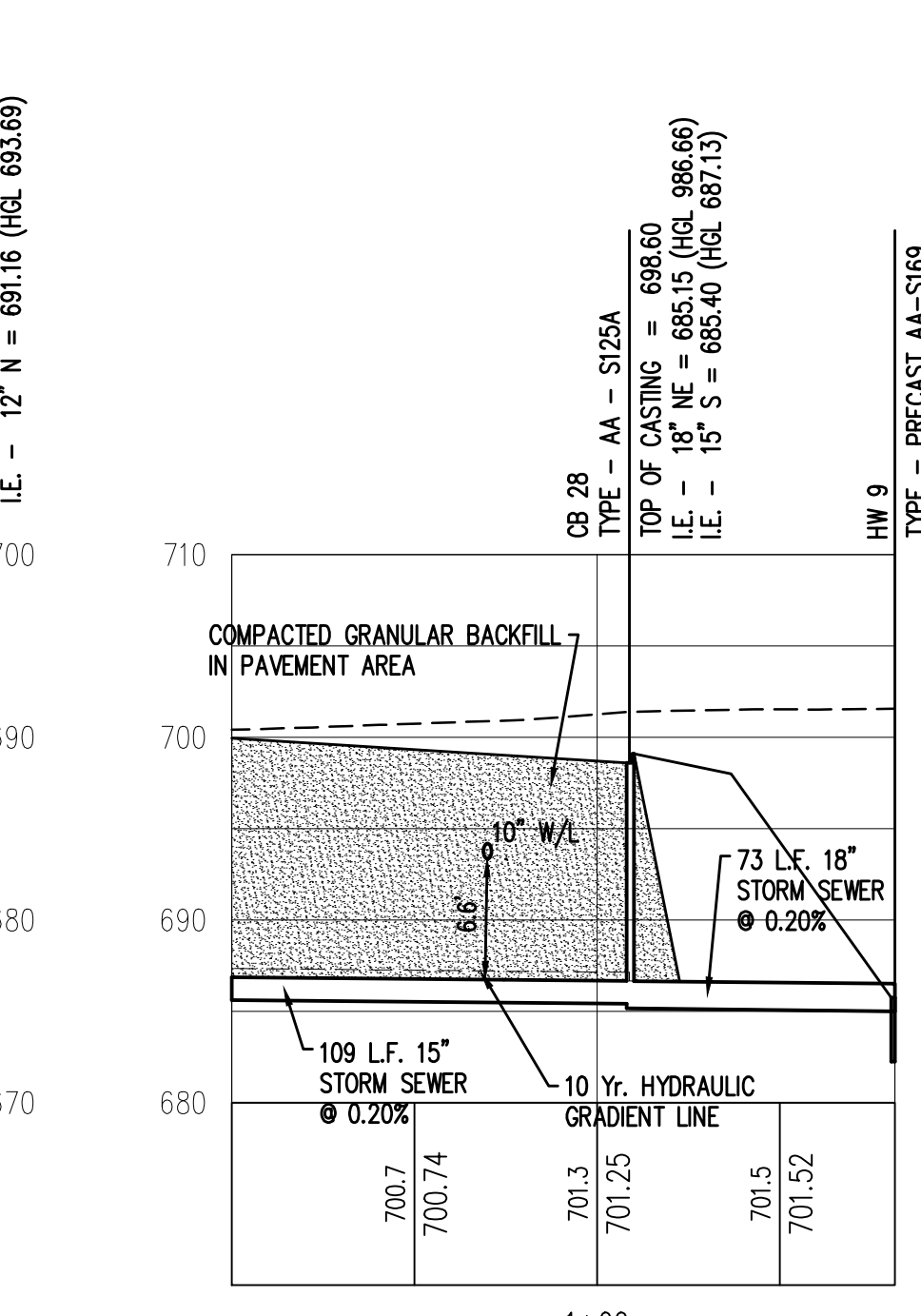
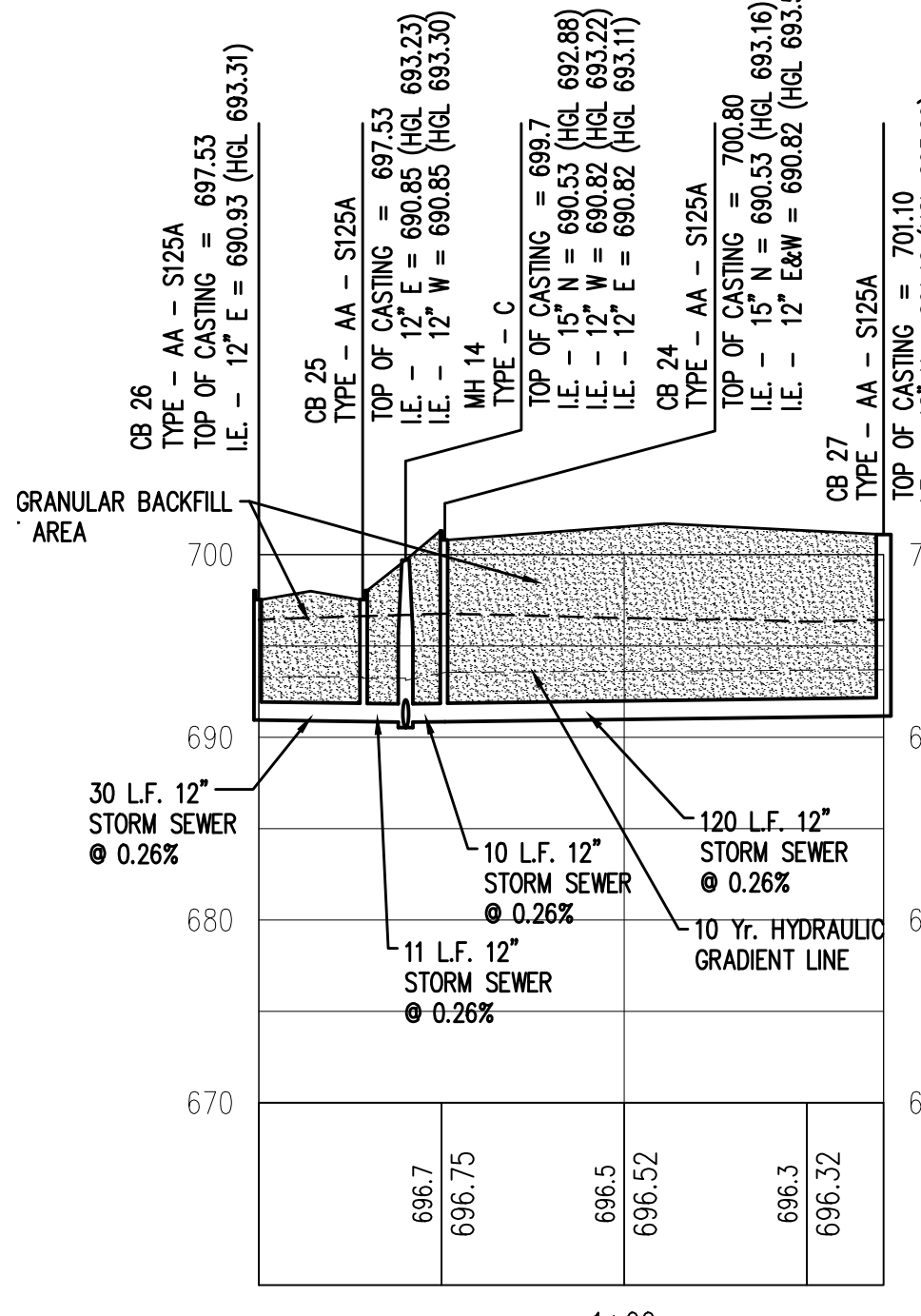
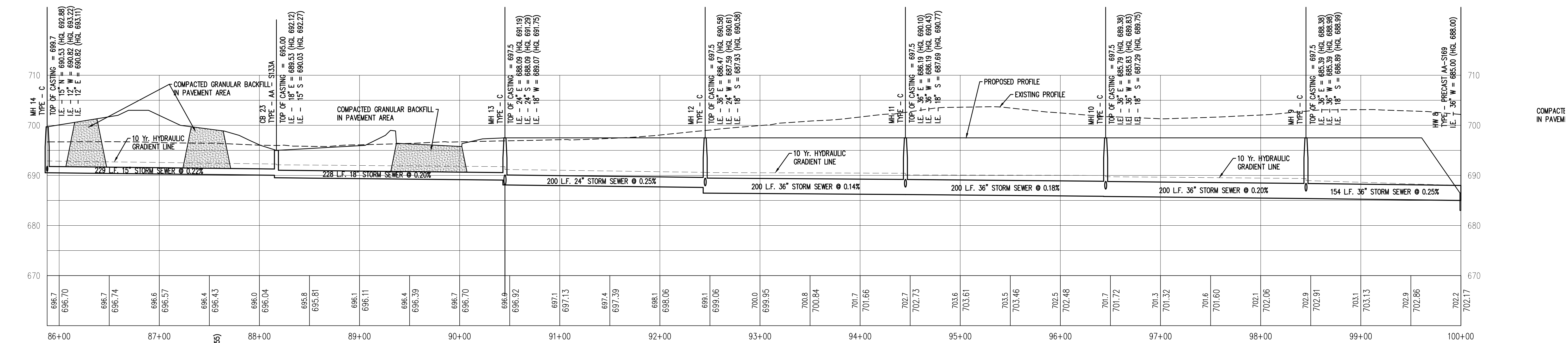
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 CHECKED BY: KAM



26
 DATE: 09/13/2022
 PROJECT NUMBER: 20224880.001A

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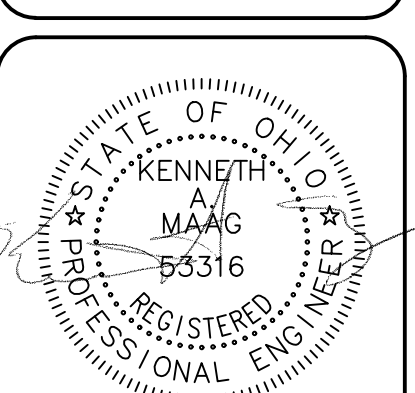
SANITARY SERVICE

REV.	DATE	DESCRIPTION
2/3	2/23	VILLAGE SUBMITTAL



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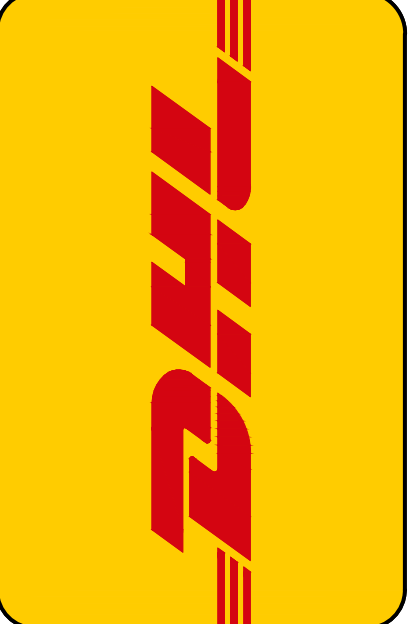
STORM SEWER AND SANITARY SEWER PROFILES



DATE: 09/13/2022
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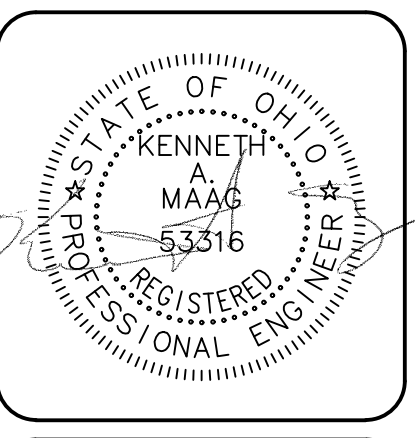
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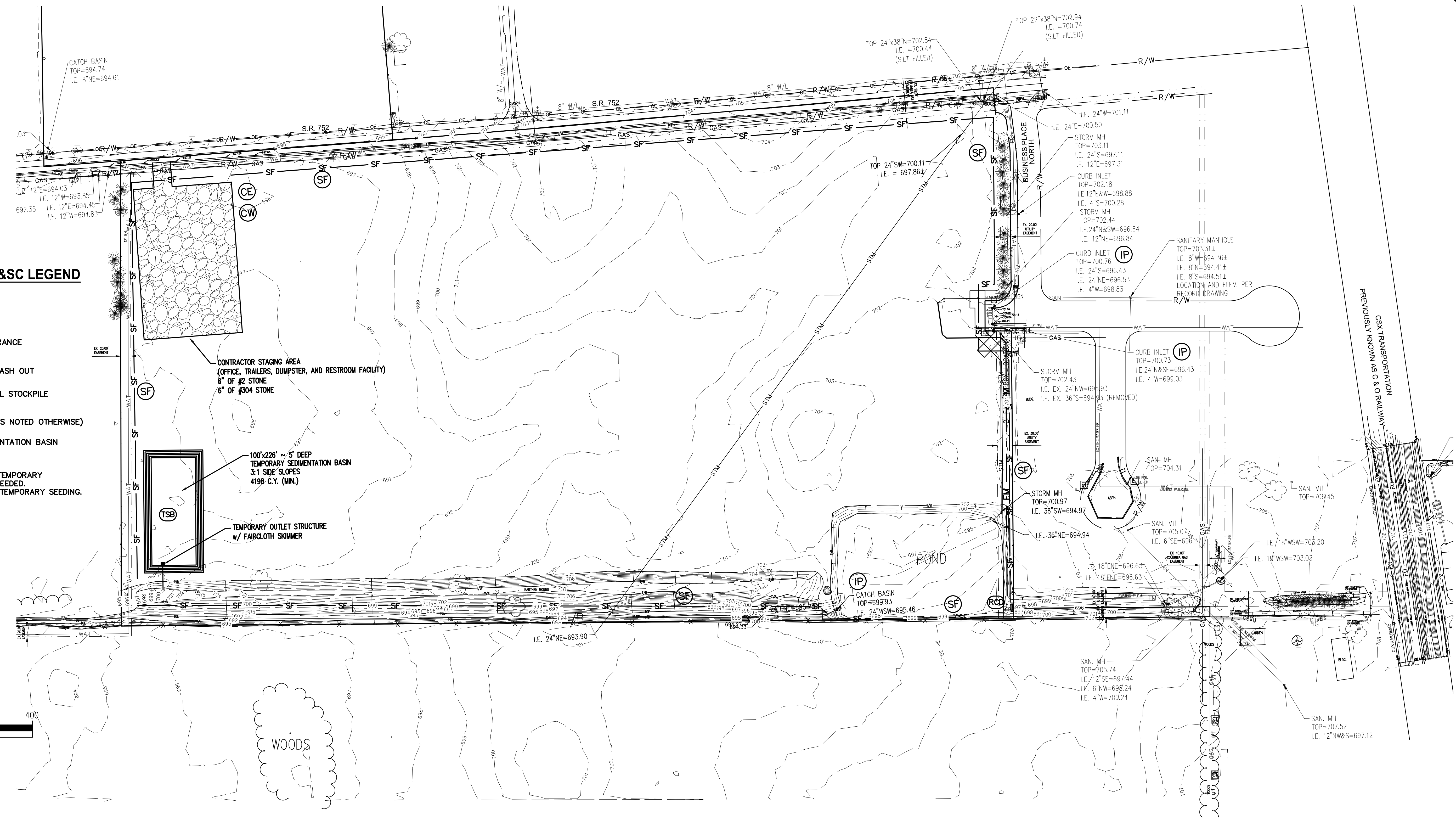


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PRE-CONSTRUCTION
EROSION AND SEDIMENT
CONTROL PLAN



28
DATE
09/13/2022
PROJECT NUMBER
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PRELIMINARY E&S LEGEND

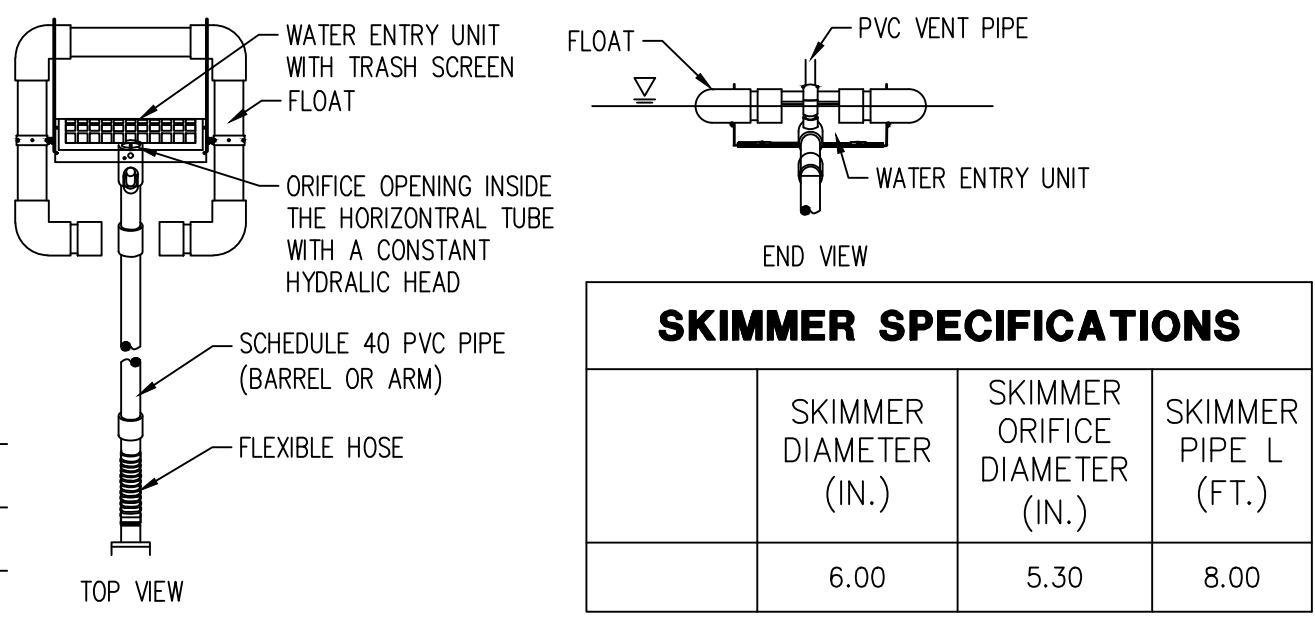
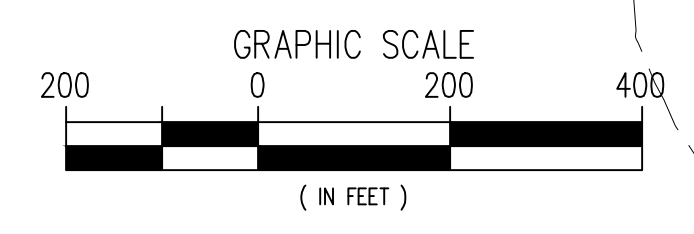
- (IP) INLET PROTECTION
- (SF) SILT FENCE
- (CE) STONE STABILIZED CONSTRUCTION ENTRANCE (TEMPORARY)
- (CW) CONCRETE TRUCK WASH OUT
- (PTS) PERMANENT TOPSOIL STOCKPILE
- (RCD) ROCK CHECK DAM (EVERY 250' UNLESS NOTED OTHERWISE)
- (TSB) TEMPORARY SEDIMENTATION BASIN

NOTE:
CONTRACTOR TO LOCATE TEMPORARY TOPSOIL STOCKPILES AS NEEDED. PROVIDE SILT FENCE AND TEMPORARY SEEDING.

CONTRACTOR STAGING AREA
(OFFICE, TRAILERS, DUMPSTER, AND RESTROOM FACILITY)
6" OF #2 STONE
6" OF #304 STONE

100'x226' ~ 5' DEEP
TEMPORARY SEDIMENTATION BASIN
3:1 SIDE SLOPES
4198 C.Y. (MIN.)

TEMPORARY OUTLET STRUCTURE
w/ FAIRCLOTH SKIMMER



SKIMMER SPECIFICATIONS

SKIMMER DIAMETER (IN.)	SKIMMER ORIFICE DIAMETER (IN.)	SKIMMER PIPE L (FT.)
6.00	5.30	8.00

SKIMMER DISCHARGE SYSTEM DETAIL
NOT TO SCALE

- NOTES**
- PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE. PROPER ORIFICE OPENINGS MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME.
 - EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
 - EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
 - INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, REMOVE SKIMMER AND TEMPORARY RISER.

TEMPORARY SEDIMENT BASIN SCHEDULE

CONTROL STRUCTURES						
TRIBUTARY ACERAGE	DISTURBED ACERAGE	REQUIRED BASIN DEWATERING VOLUME (67 CY/AC.)	PROVIDED BASIN DEWATERING VOLUME (PER APPROVED PHASE 1&2 PLANS)	REQUIRED SEDIMENT STORAGE VOLUME (37 CY/DISTURBED AC.)	PROVIDED SEDIMENT STORAGE VOLUME (PER APPROVED PHASE 1&2 PLANS)	DEWATERING VOLUME DRAWDOWN (HR)
40.37 AC.	40.37 AC.	2,666 CY	2,666 CY	1,482 CY	1,482 CY	> 48 HRS

FLOW CAPACITIES (IN FT³) FOR THE FAIRCLOTH SKIMMER

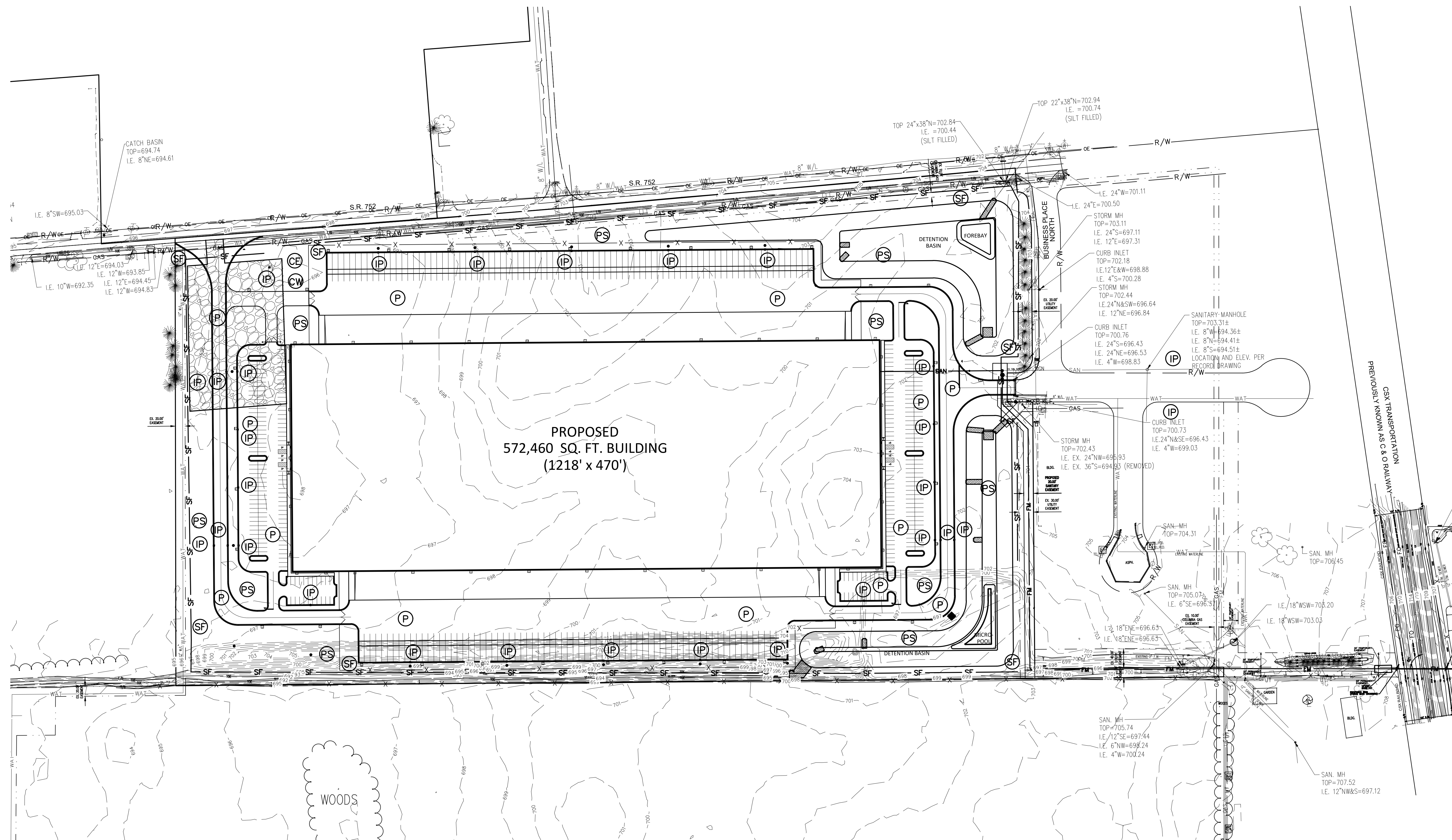
SKIMMER SIZE	1.5"	2"	2.5"	3"	4"	5"	6"	8"
24 hours	1,728	3,283	6,234	9,774	20,109	32,832	51,840	97,978
2 day	3,456	6,566	12,468	19,548	40,218	65,664	103,680	195,956
3 day	5,184	9,849	18,702	29,322	60,327	98,496	155,520	293,934
4 day	6,912	13,132	24,936	39,096	80,436	131,328	207,360	391,912
5 day	8,640	16,415	31,170	48,870	100,545	164,160	259,200	489,890
6 day	10,368	19,698	37,404	58,644	120,654	196,992	311,040	587,868
7 day	12,096	22,981	43,638	68,418	140,763	229,824	362,880	685,846



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2/3/23		VILLAGE SUBMITTAL

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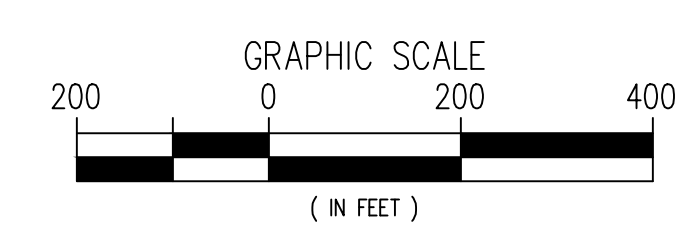
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CONSTRUCTION E&SC LEGEND

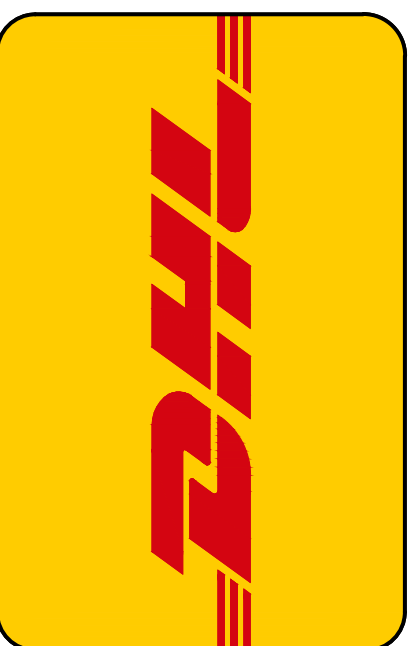
- PS PERMANENT STABILIZATION
- P PAVEMENT
- IP INLET PROTECTION
- SF SILT FENCE
- CE STONE STABILIZED CONSTRUCTION ENTRANCE (TEMPORARY)
- CW CONCRETE TRUCK WASH OUT
- PTS PERMANENT TOPSOIL STOCKPILE
- RCD ROCK CHECK DAM (EVERY 250' UNLESS NOTED OTHERWISE)

NOTE:
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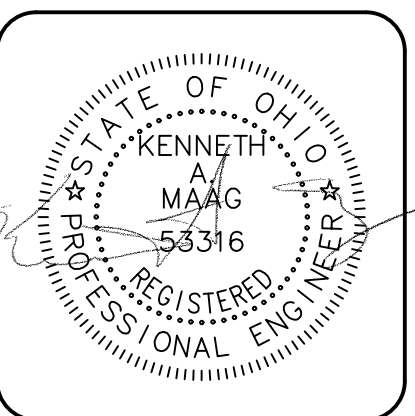
**POGGEMEYER
DESIGN GROUP**
A KLEINFELDER COMPANY
1168 NORTH MAIN STREET
BOWLING GREEN, OH 43402
PH: (419) 352-7537



**DHL SUPPLY CHAIN
ASHVILLE LOGISTICS PARK
ASHVILLE, OHIO**

**CONSTRUCTION
EROSION AND SEDIMENT
CONTROL PLAN**

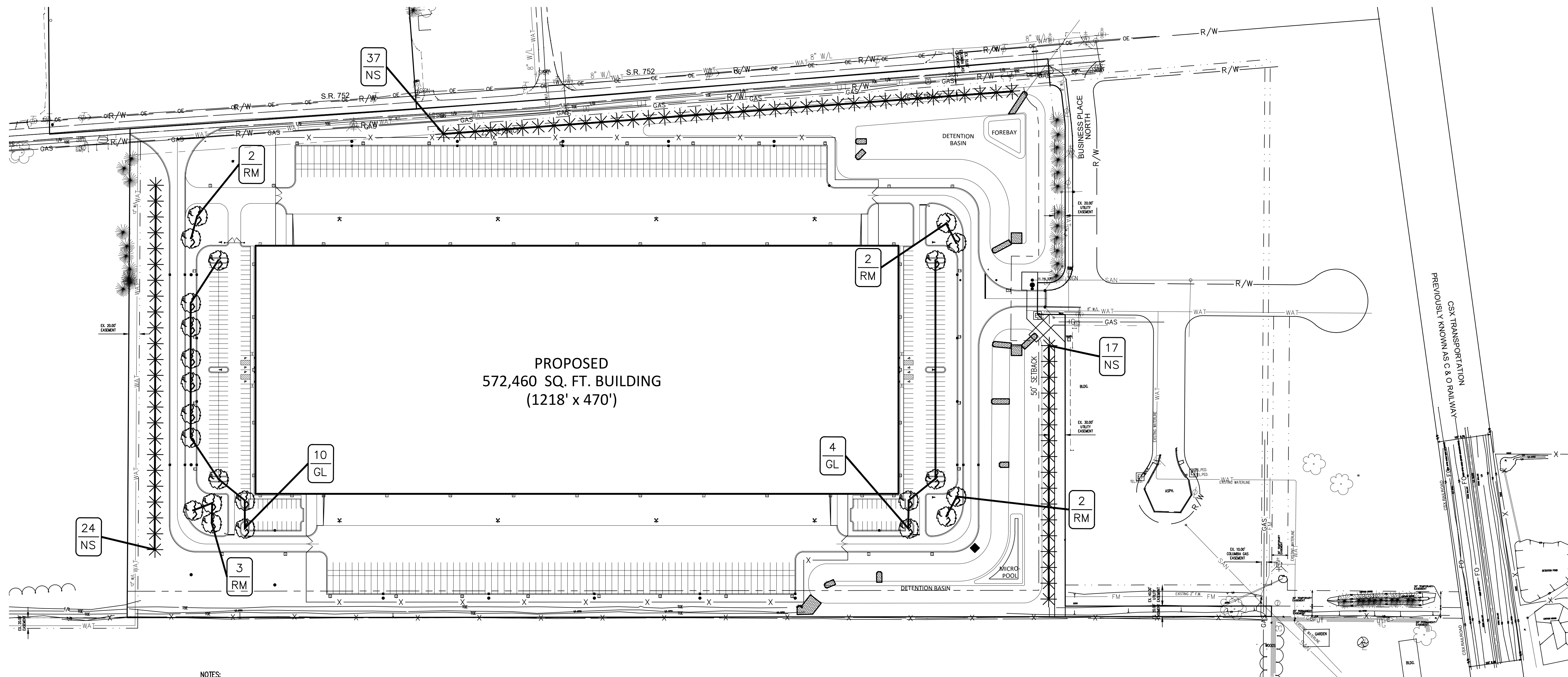
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29
DATE
09/13/2022
PROJECT NUMBER
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NOTES:

PRUNE DEAD AND CROSSING BRANCHES

REMOVE ROPE AND BURLAP FROM TOP 1/3 OF ROOT BALL CUT TOP 1/3 OF WIRE BASKET FROM ROOT BALL. REMOVE ALL LABELS, TAGS OR OTHER FOREIGN MATERIALS FROM LIMBS

BLACK RUBBER HOSE AND 12 GAUGE WIRE (2) 2"x2"x7" HARDWOOD OAK STAKES DRIVE AT SLIGHT ANGLE 2" (MIN.) IN UNDISTURBED SOIL AND DRAW TIGHT

TREE WRAPPING (OPEN SIDE DOWN) OR SPLIT PLASTIC CORRUGATED PIPE WRAPPING

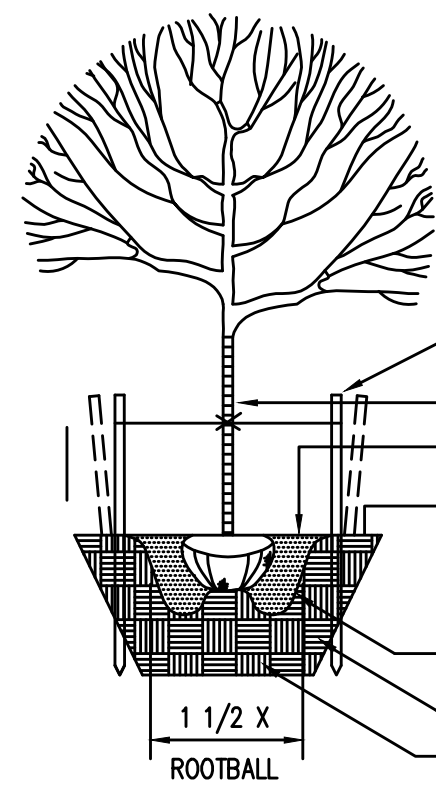
3" DEEP SHREDDED HARDWOOD BARK MULCH

FINISH GRADE

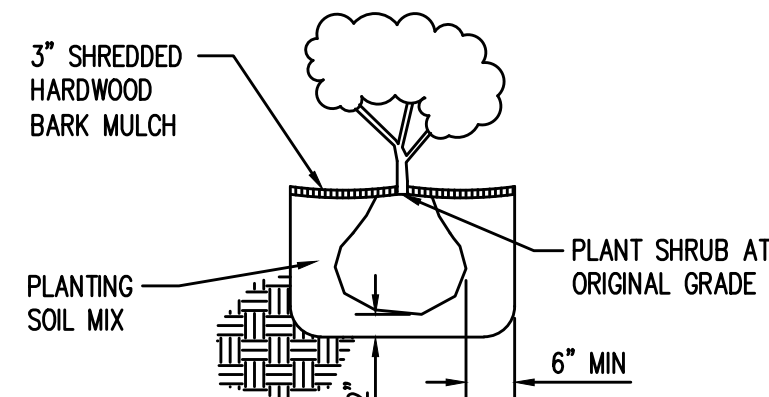
PLANTING SOIL MIXTURE

TOPSOIL TO BE PROVIDED, ITEM 653

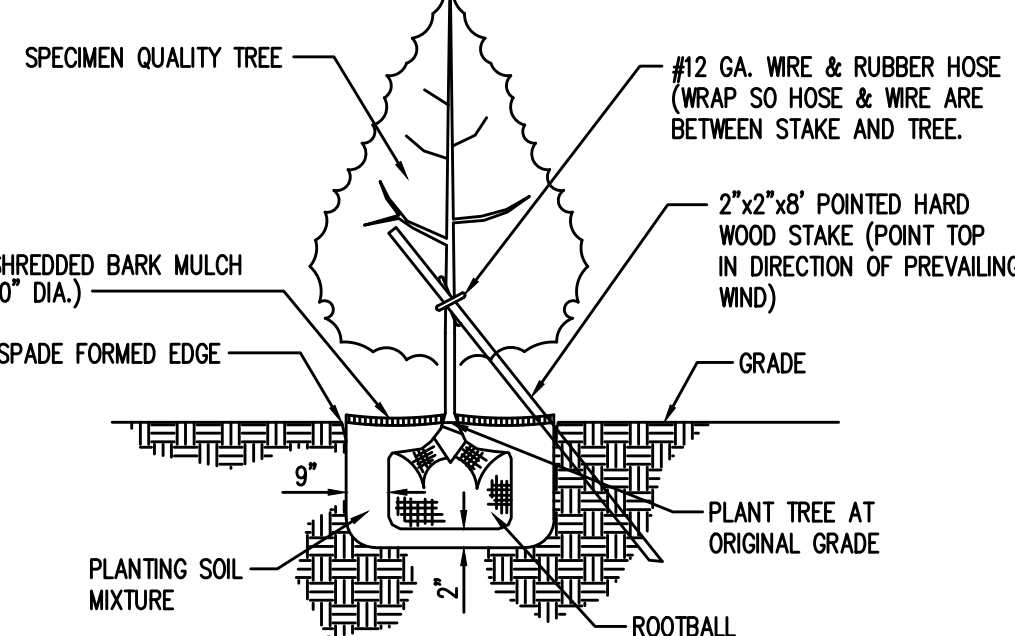
UNDISTURBED SOIL OR COMPACTED BACKFILL



TREES



SHRUBS



EVERGREEN TREES

LANDSCAPE LEGEND						
KEY	QUANTITY	SIZE	BOTANICAL NAME	COMMON NAME	CONDITION	COMMENTS
TREES						
GL	14	2"	TILIA cordata 'GREENSPIRE'	GREENSPIRE LINDEN	B&B	
RM	9	2"	ACER rubrum 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	B&B	
NS	78	6 FT.	PICEA abies	NORWAY SPRUCE	B&B	

NOTES:

-DISTURBED AREAS (EXCLUDING PAVEMENT AND BUILDING AREAS) SHALL RECEIVE MINIMUM 6 INCHES OF SALVAGED TOPSOIL, FERTILIZER, LIME, SEED, AND MULCH.

-SALVAGED TOPSOIL SHALL BE PLACED IN ACCORDANCE WITH ODOT STD. SPEC. SECTION 625. FERTILIZER AND LIME SHALL BE IN ACCORDANCE WITH ODOT STD. SPEC., SECTION 629, TYPE A. MULCH SHALL BE IN ACCORDANCE WITH ODOT STD. SPEC., SECTION 627.

-SEEDING SHALL BE ODOT METHOD B (HYDRO SEEDING) WITH MULCH AND TACKIFYING AGENT INCLUDED IN MIXTURE.

-PROVIDE EROSION MAT ON ALL SLOPES OF 3:1V OR GREATER. EROSION MAT SHALL BE IN ACCORDANCE WITH ODOT STD. SPEC., SECTION 628.

PLANTING NOTES:

GENERAL DESCRIPTION

THIS WORK CONSISTS OF FURNISHING AND PLANTING TREES AND SHRUBS AND OTHER MATERIALS IN THE AREAS AND IN THE ARRANGEMENT SHOWN ON THE PLANS OR AS DIRECTED. IT INCLUDES DIGGING, PREPARING PLANTING HOLES, PRUNING, AND FURNISHING AND PLACING BACKFILL, FERTILIZER, MULCH, BRACING AND ALL OTHER INCIDENTALS AS REQUIRED. IT ALSO INCLUDES CARING FOR PLANTS BEFORE SUBSTANTIAL COMPLETION IS APPROVED, REPLACING DEFECTIVE PLANTS AND PROVIDING ALL LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AND TO RESTORE ANY DISTURBED AREAS.

TREES & SHRUBS

SPECIES AND SIZE MUST BE IDENTIFIABLE WITH THE APPROPRIATE TAGGING SYSTEM WHICH SHOWS GEOGRAPHICAL LOCATION OF A NURSERY WHICH HAS SIMILAR CLIMATIC CONDITIONS TO THOSE OF THE PROJECT SITE.

SOIL MATERIALS

THERE SHALL BE ADDED TO THE TOPSOIL USED IN BACKFILLING OF PLANT PITS, AS THE PROGRESS OF THE WORK PERMITS, PEAT MOSS AT THE RATE OF ONE PART TO THREE PARTS TOPSOIL AND COMMERCIAL FERTILIZER AT THE RATE OF ONE POUND OF COMPLETE FERTILIZER FOR SMALL TREES, OR ONE POUND PER ONE INCH (1") CALIPER FOR LARGE TREES. THE PEAT MOSS AND FERTILIZER SHALL BE THOROUGHLY INCORPORATED WITH THE TOPSOIL IN THE PLANTING OPERATION.

SOIL AMENDMENT MATERIALS

FERTILIZER: TYPE RECOMMENDED FOR PLANT MATERIAL, WITH FIFTY PERCENT (50%) OF THE ELEMENTS DERIVED FROM ORGANIC SOURCES; OF PROPORTIONS NECESSARY TO ELIMINATE ANY DEFICIENCIES OF TOPSOIL TO THE FOLLOWING PROPORTIONS: NITROGEN TWELVE PERCENT (12%), PHOSPHORIC ACID SIX PERCENT (6%), SOLUBLE POTASH FOUR PERCENT (4%).

PEAT MOSS: SHREDDED, LOOSE, SPHAGNUM MOSS, FREE OF LUMPS, ROOTS, INORGANIC MATERIAL OR ACIDIC MATERIALS; MINIMUM OF EIGHTY-FIVE PERCENT (85%) ORGANIC MATERIAL MEASURED BY OVEN DRY WEIGHT; FOUR TO FIVE PH RANGE; MOISTURE OF THIRTY PERCENT (30%).

WATER: CLEAN, FRESH AND FREE OF SUBSTANCE OR MATTER WHICH COULD INHIBIT VIGOROUS GROWTH OF PLANTS.

MULCH MATERIALS

SHREDDED HARDWOOD BARK MULCH FREE OF GROWTH OR GERMINATION INHIBITING INGREDIENTS.

ACCESSORIES

TREE TRUNK WRAPPING MATERIAL SHALL BE WATERPROOF CREPE PAPER SIX INCHES (6") TO EIGHT (8") WIDE.

GUY WIRE FOR STAKING TREES SHALL BE TWELVE (12) GAUGE GALVANIZED.

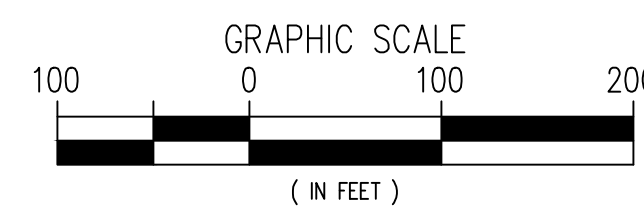
STAKING FOR TREE SUPPORT SHALL BE SOUND HARDWOOD WITH A MINIMUM CROSS SECTION DIAMETER OF TWO INCHES (2").

PLANT PROTECTORS: RUBBER SLEEVES OVER GUY WIRE SHALL BE A MINIMUM OF ONE-HALF INCH (1/2") DIAMETER, SOUND RUBBER, TWO PLY HOSE.

- TREES SHALL BE PLANTED IN THE CENTER OF THE PLANT BED, WHERE APPLICABLE.
- PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK 260.1, LATEST EDITION.
- TREES SHALL HAVE A STRAIGHT TRUNK WITH A SINGLE CENTRAL LEADER.
- BALL SIZES SHALL CONFORM TO 1.3:1 AND 1.3:4 OF THE STANDARDS.
- NO STEM GIRDLING ROOTS WILL BE ALLOWED.
- NO OPEN WOUNDS WILL BE ALLOWED.
- THE MINIMUM SPACING BETWEEN TREES SHALL BE AS PER PLAN.
- THE MINIMUM TRUNK CALIPER MEASURED AT SIX (6) INCHES ABOVE THE GROUND SHALL BE NO LESS THAN WHAT IS LISTED IN PLANT LIST.
- PLANTING DETAILS APPLY TO ALL SITE PLANT MATERIAL.
- ENTIRE SHRUB BEDS TO RECEIVE 3" SHREDDED HARDWOOD BARK MULCH.
- INDIVIDUAL TREES IN LAWNS TO RECEIVE 4" DIA. OF 3" SHREDDED BARK MULCH.
- PLANTS TO BE GUARANTEED FOR 1 YEAR AFTER ACCEPTANCE.
- CONTRACTOR SHALL KILL AND REMOVE ALL EXISTING WEEDS FROM SITE BEFORE PLANTING SHRUBS AND TREES.

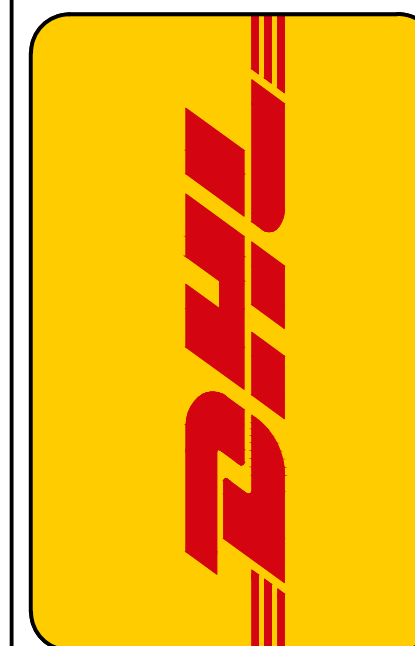
PLANTING DETAILS

N.T.S.



REV.	DATE	DESCRIPTION
2/3	2/3	VILLAGE SUBMITTAL

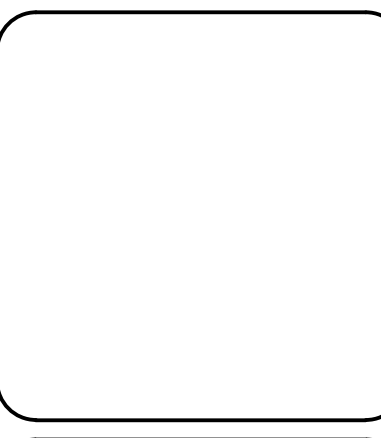
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ASHVILLE LOGISTICS PARK
ASHVILLE, OHIO

LANDSCAPE PLAN

DRAWN BY: MEK
CHECKED BY: KAM



30
DATE: 09/13/2022
PROJECT NUMBER: 20224880.001A