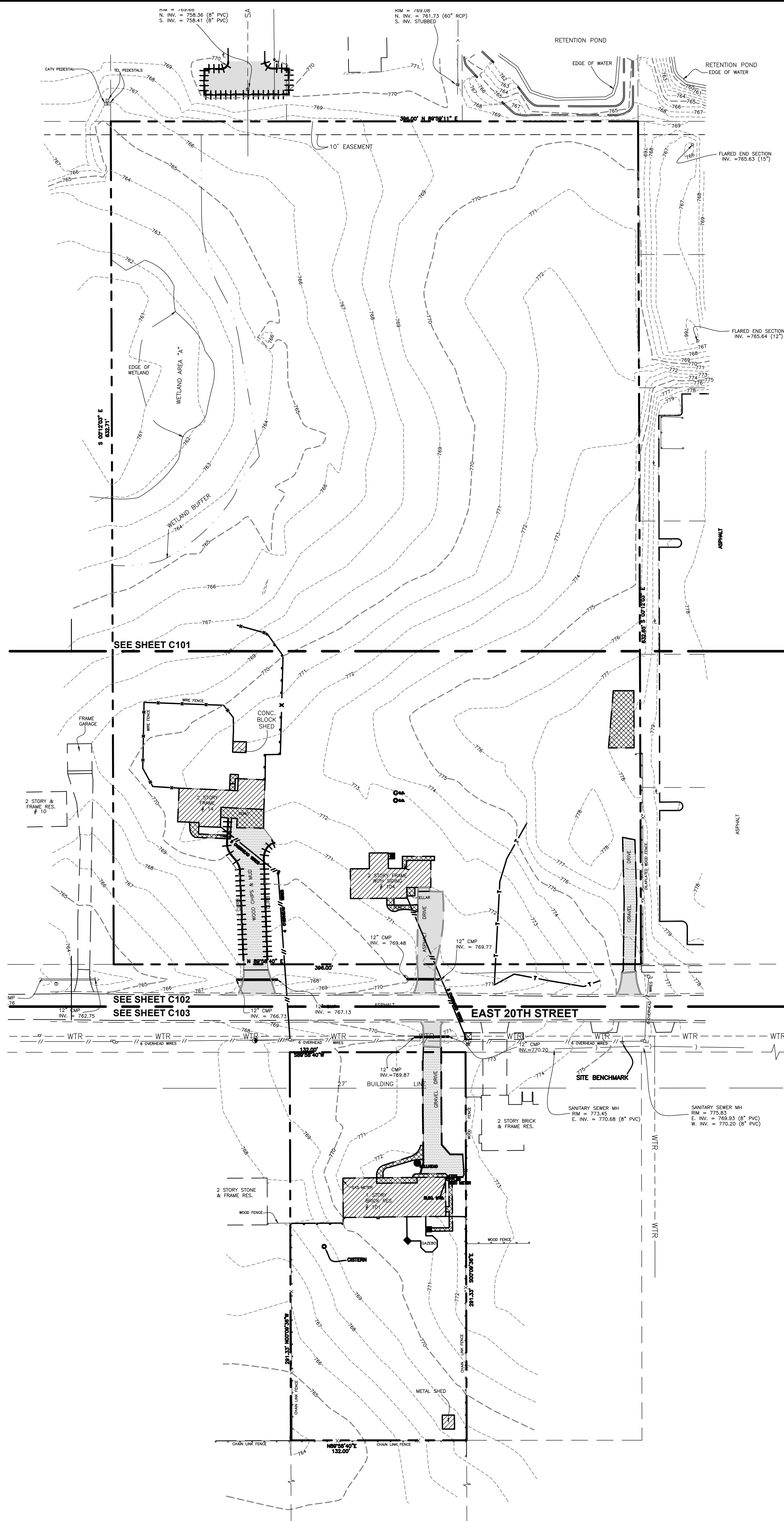


Layout Tab Name: C100 OVERALL EXISTING CONDITIONS - DEMO PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-F.dwg; 080220-TBLK.dwg
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- ### EXISTING LEGEND
- ⊙ STORM MANHOLE
 - CURB INLET
 - CATCH BASIN
 - ⊙ FIRE HYD.
 - ⊗ WATER VALVE
 - ⊙ WATER MANHOLE
 - ⊗ SPRINKLER CONTROL VALVE
 - ⊗ GAS METER
 - ⊗ ELEC. TRANSFORMER
 - ⊗ ELECTRIC MANHOLE
 - ⊗ TELEPHONE MANHOLE
 - ⊙ CLEANOUT
 - ⊙ UTILITY POLE
 - ⊙ LIGHT POLE
 - ⊙ GUY WIRE
 - ⊗ TELEPHONE PEDESTAL
 - ⊗ TRAFFIC SIGNAL PULL BOX
 - ⊗ SANITARY MANHOLE
 - SIGN
 - UE --- UNDERGROUND ELECTRIC
 - G --- UNDERGROUND GAS
 - SD --- STORM
 - SAN --- SANITARY
 - WTR --- WATER
 - --- EXISTING CURB (AND GUTTER)
 - TC --- TOP OF CASTING
 - --- MATCHLINE
 - --- PROPERTY BOUNDARY

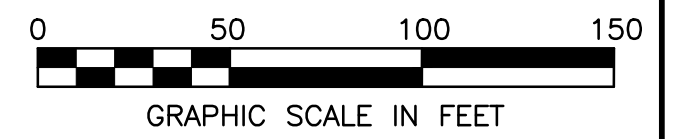


BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.



REVISION	No.	DATE

PROJECT No: 080220
 DATE: 01/17/20
 DES: JL
 DR: DH
 CKD: JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731

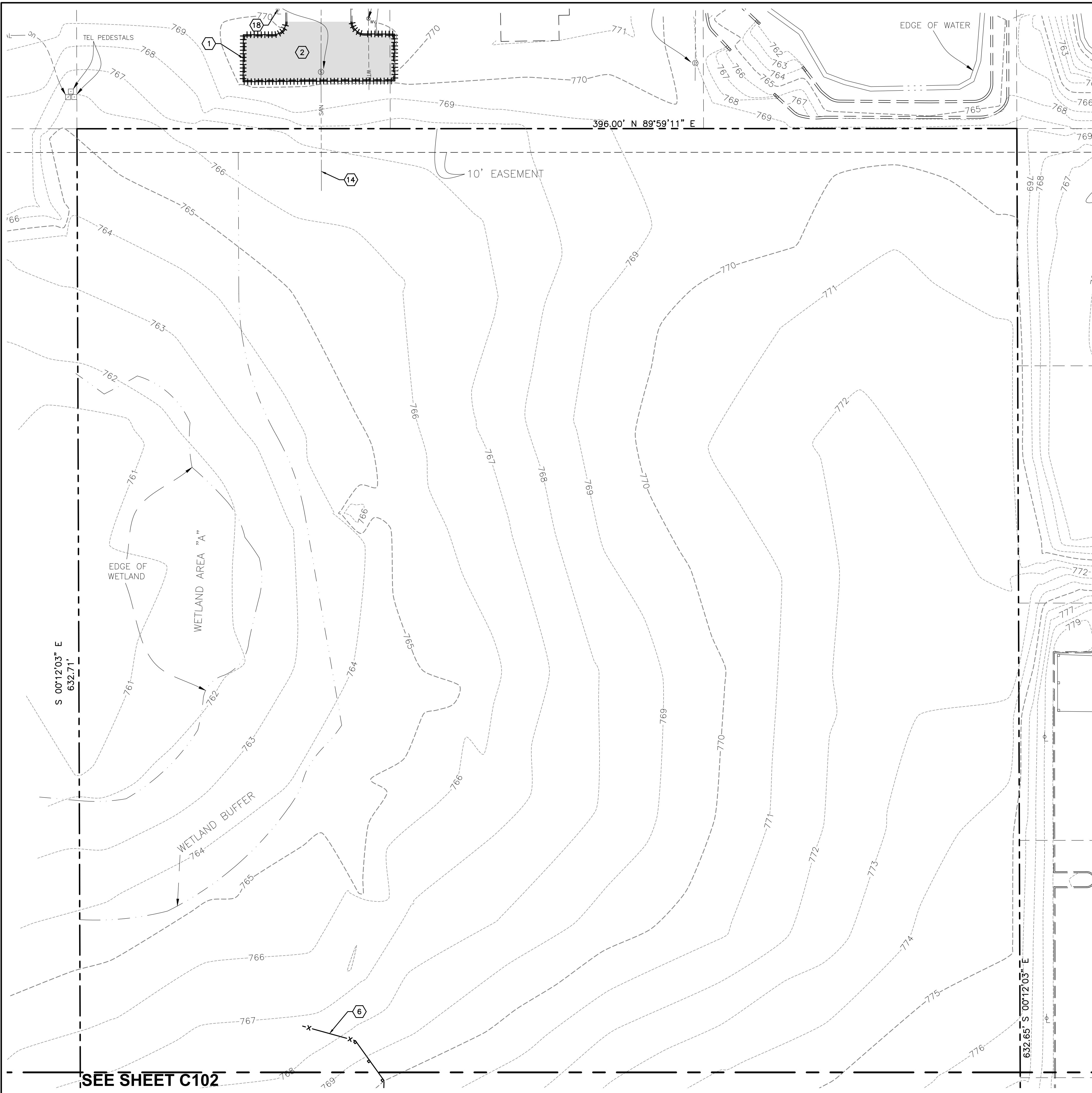
WOOLPERT
 ARCHITECTURAL ENGINEERING (INCORPORATED)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

OVERALL EXISTING CONDITIONS - DEMO PLAN

SHEET NO.
C100

Layout Tab Name: C102 EXISTING CONDITIONS - DEMO PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2.dwg; 2017survey4_2.dwg; 080220-P.dwg; 080220-TBLK.dwg
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EXISTING LEGEND

- ⊙ STORM MANHOLE
- CURB INLET
- CATCH BASIN
- ⊙ FIRE HYD.
- ⊙ WATER VALVE
- ⊙ WATER MANHOLE
- ⊙ SPRINKLER CONTROL VALVE
- ⊙ GAS METER
- ⊙ ELEC. TRANSFORMER
- ⊙ ELECTRIC MANHOLE
- ⊙ TELEPHONE MANHOLE
- ⊙ CLEANOUT
- ⊙ UTILITY POLE
- ⊙ LIGHT POLE
- ⊙ GUY WIRE
- ⊙ TELEPHONE PEDESTAL
- ⊙ TRAFFIC SIGNAL PULL BOX
- ⊙ SANITARY MANHOLE
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- G --- UNDERGROUND GAS
- SD --- STORM
- SAN --- SANITARY
- WTR --- WATER
- --- EXISTING CURB (AND GUTTER)
- TC --- TOP OF CASTING
- --- MATCHLINE
- --- PROPERTY BOUNDARY

DEMOLITION LEGEND

- 1 SAWCUT AND REMOVE EXISTING CURB AND GUTTER
- 2 SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH
- 3 SAWCUT AND REMOVE EXISTING CONCRETE FULL DEPTH
- 4 REMOVE EXISTING GRAVEL/WOOD CHIPS
- 5 REMOVE EXISTING BUILDING AND ASSOCIATED FOUNDATIONS
- 6 REMOVE EXISTING FENCE
- 7 REMOVE EXISTING DECK WITH GAZEBO
- 8 REMOVE EXISTING SANITARY STRUCTURE
- 9 REMOVE EXISTING STORM SEWER
- 10 REMOVE EXISTING ELECTRIC LINES/POLES
- 11 REMOVE EXISTING CISTERN
- 12 EXISTING WELL TO BE CAPPED AND ABANDONED IN ACCORDANCE WITH DUPAGE COUNTY REQUIREMENTS
- 13 EXISTING FENCE TO REMAIN
- 14 EXISTING SANITARY TO REMAIN
- 15 REMOVE TO NEXT ADJACENT SIDEWALK JOINT
- 16 REMOVE EXISTING TREE
- 17 REMOVE EXISTING SHRUB
- 18 APPROXIMATE LOCATION OF EXISTING LIGHT POLE TO REMAIN

DEMOLITION NOTES

1. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE PRESENCE AND LOCATION OF THE EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE TO THE UTILITIES DURING PROBING OR CONSTRUCTION.
2. CALL J.U.L.I.E. (1-800-892-0123) FOR EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR THE RELOCATION OF UTILITIES ON SITE OR CROSSING THE SITE TO SERVICE ADJACENT PROPERTIES. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY OWNER OR OTHERS, DURING OCCUPIED HOURS, EXCEPT WHEN PERMITTED BY OTHERS.
4. DEMOLISH AND COMPLETELY REMOVE FROM SITE, EXISTING UNDERGROUND UTILITIES INDICATED TO BE REMOVED. COORDINATE WITH UTILITY COMPANIES FOR SHUT-OFF OF SERVICES, IF LINES ARE ACTIVE.
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8. PAVEMENT DAMAGED DUE TO THE REMOVAL OF EXISTING CURB SHALL BE SAWCUT, REMOVED AND REPLACED IN KIND.
9. A FULL DEPTH SAWCUT SHALL BE PROVIDED IN ALL AREAS WHERE PROPOSED PAVEMENT OR CURB AND GUTTER MEETS EXISTING PAVEMENT.
10. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF BENCHMARKS PRIOR TO THE START OF CONSTRUCTION.

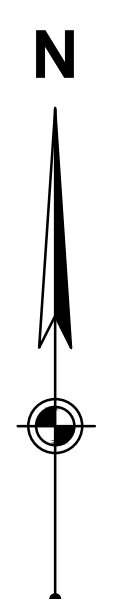
BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



SEE SHEET C102



No.	DATE	REVISION

PROJECT No:	080220
DATE:	01/17/20
DES.:	JL
DR.:	DH
CKD.:	JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
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WOOLPERT
ARCHITECTURAL ENGINEERING (CORPORATE)

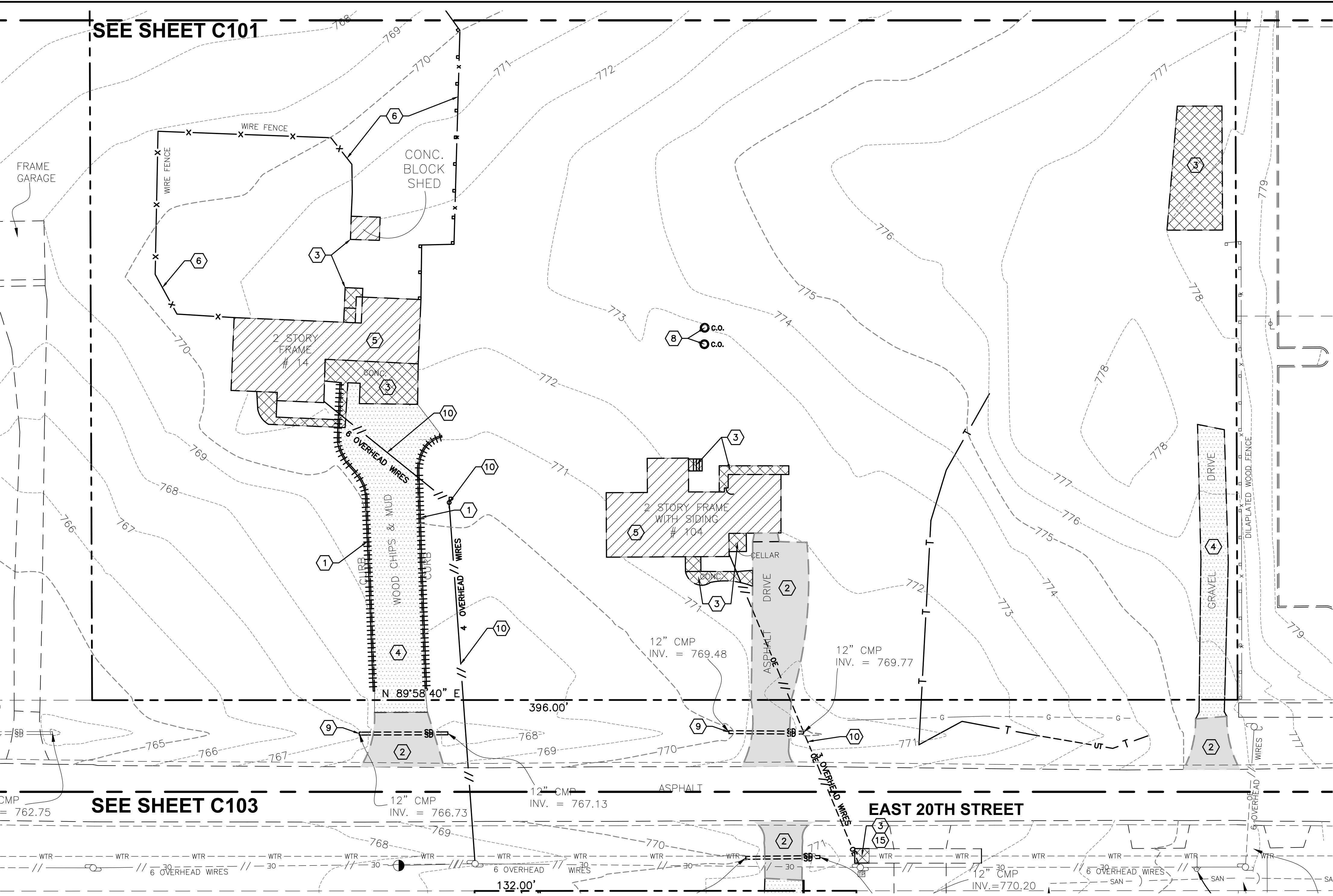
**SITE IMPROVEMENT PLANS
 NORBURY CROSSINGS**
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

EXISTING CONDITIONS - DEMO PLAN

SHEET NO. **C101**

Layout Tab Name: C101 EXISTING CONDITIONS - DEMO PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg, 080220-DIGI.dwg, gentileutility_2d.dwg, 2017surveyrev4_2d.dwg, 080220-P.dwg, 080220-TBLK.dwg
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SEE SHEET C101



SEE SHEET C103

EAST 20TH STREET

EXISTING LEGEND

- ⊙ STORM MANHOLE
- CURB INLET
- CATCH BASIN
- ⊙ FIRE HYD.
- ⊙ WATER VALVE
- ⊙ WATER MANHOLE
- ⊙ SPRINKLER CONTROL VALVE
- ⊙ GAS METER
- ⊙ ELEC. TRANSFORMER
- ⊙ ELECTRIC MANHOLE
- ⊙ TELEPHONE MANHOLE
- ⊙ CLEANOUT
- ⊙ UTILITY POLE
- ⊙ LIGHT POLE
- ⊙ GUY WIRE
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- WTR --- WATER
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- --- MATCHLINE
- --- PROPERTY BOUNDARY

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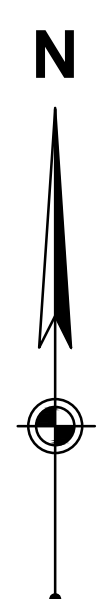
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BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



No.	DATE	REVISION

PROJECT No: 080220
 DATE: 01/17/20
 DES. JL
 DR. DH
 CKD. JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731

WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

**SITE IMPROVEMENT PLANS
 NORBURY CROSSINGS**
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

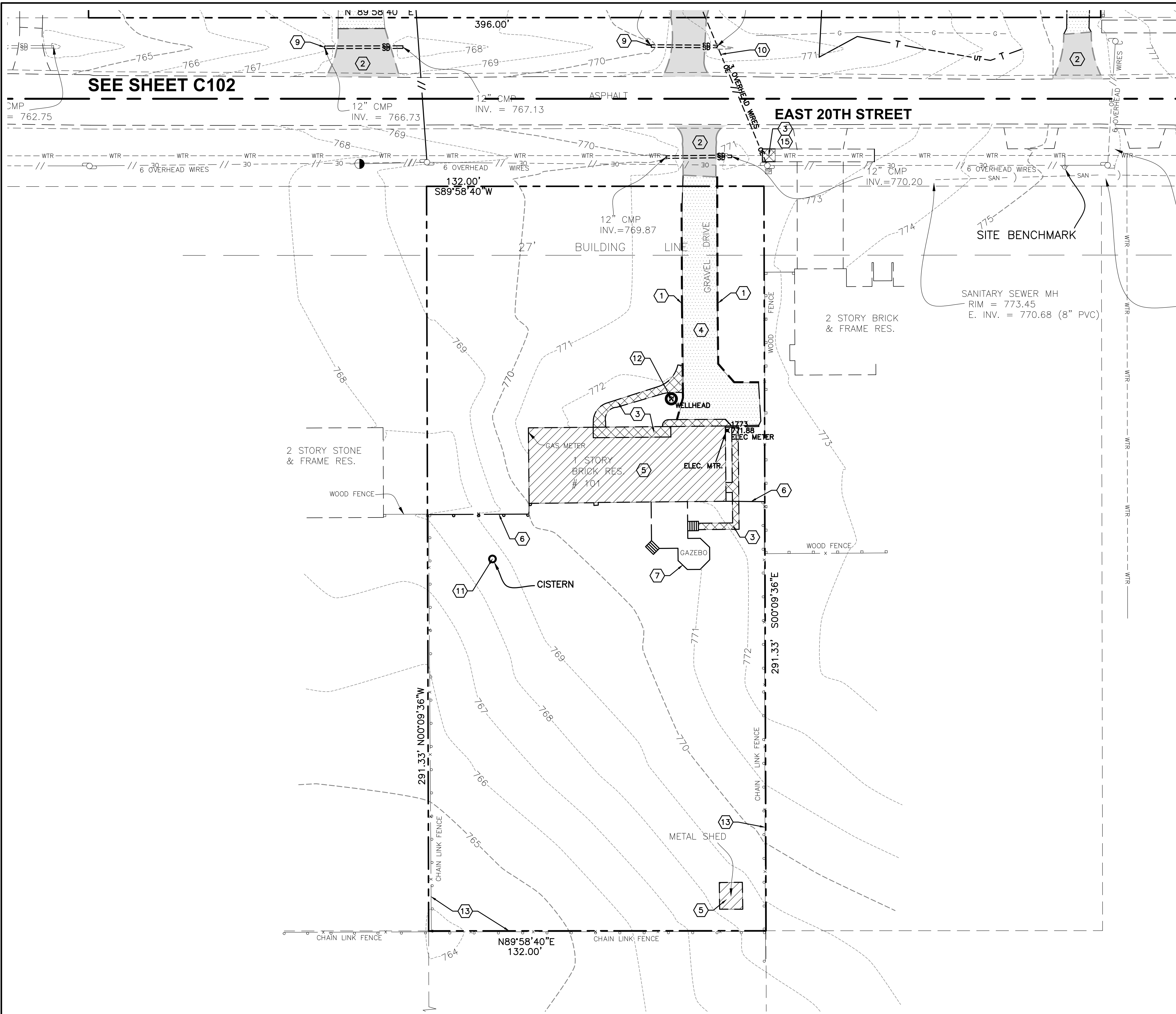
EXISTING CONDITIONS - DEMO PLAN

SHEET NO.

C101



Layout Tab Name: C103 EXISTING CONDITIONS - DEMO PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg, 080220-DIGI.dwg, gentieutility_2d.dwg, 2017surveyrev4_2d.dwg, 080220-P.dwg, 080220-TBLK.dwg
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EXISTING LEGEND

- ⊗ STORM MANHOLE
- CURB INLET
- CATCH BASIN
- ⊗ FIRE HYD.
- ⊗ WATER VALVE
- ⊗ WATER MANHOLE
- ⊗ SPRINKLER CONTROL VALVE
- ⊗ GAS METER
- ⊗ ELEC. TRANSFORMER
- ⊗ ELECTRIC MANHOLE
- ⊗ TELEPHONE MANHOLE
- ⊗ CLEANOUT
- ⊗ UTILITY POLE
- ⊗ LIGHT POLE
- ⊗ GUY WIRE
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DEMOLITION NOTES

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BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



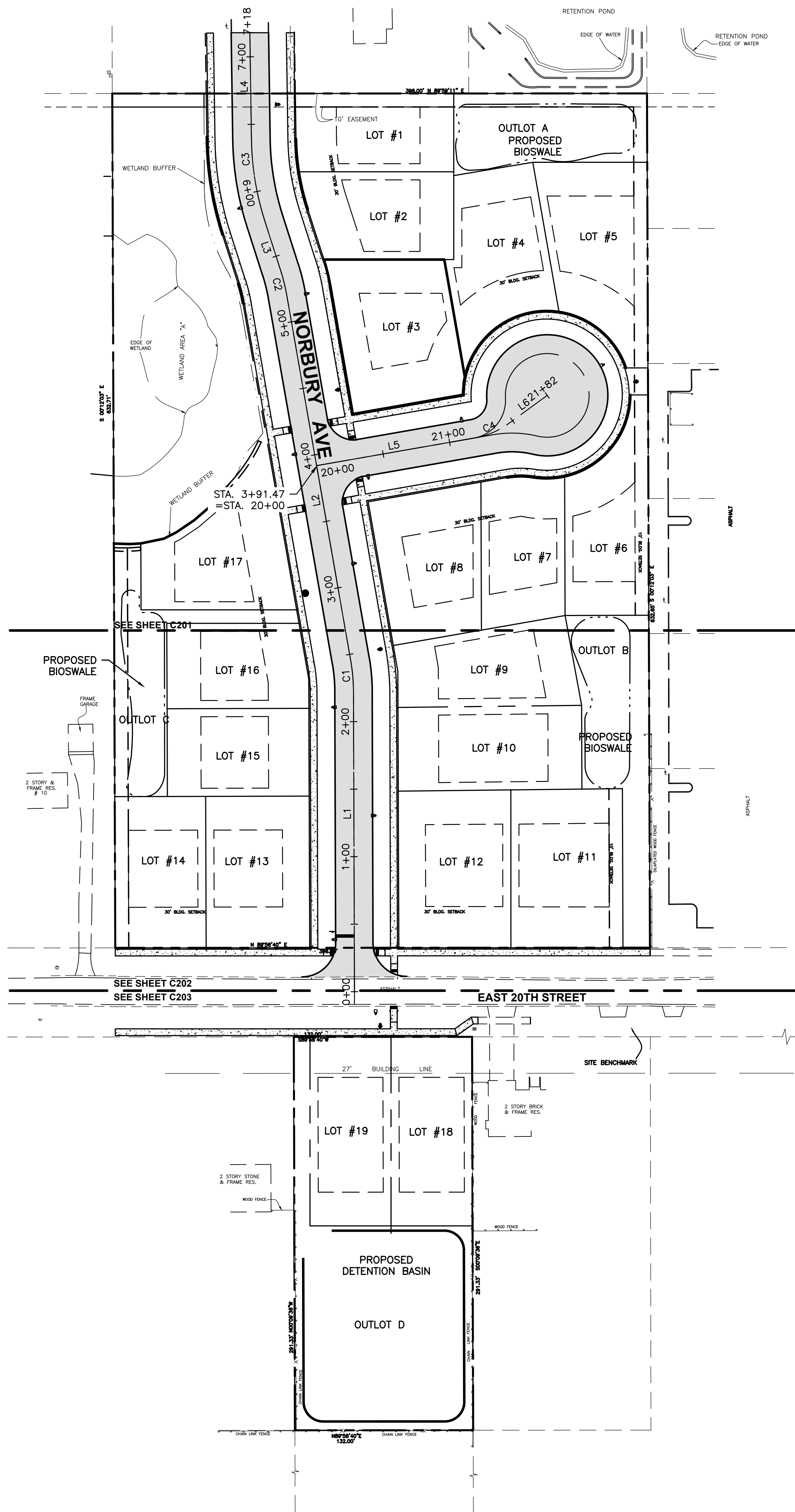
REVISION	No.	DATE	PROJECT No:
			080220
			DATE 01/17/20
			DES. JL
			DR. DH
			CKD. JG

1815 South Meyers Road
 Suite 950
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 630.424.9080
 FAX: 630.485.3731

WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

<p>SITE IMPROVEMENT PLANS NORBURY CROSSINGS 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE. LOMBARD, DUPAGE COUNTY, ILLINOIS</p>	<p>EXISTING CONDITIONS - DEMO PLAN</p>
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Layout Tab Name: C200 OVERALL SITE PLAN, Images: lombard aerial.jpg; Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
 Last Saved By: Brommeier, 12/29/2021 12:33:46 PM
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SITE LEGEND

- INDICATES RESIDENTIAL DRIVEWAY PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION
- INDICATES RESIDENTIAL STREET PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION
- INDICATES NEW CONCRETE PAVEMENT/SIDEWALK—SEE DETAILS FOR PAVEMENT COMPOSITION
- LIGHT POLES
- EXISTING CURB AND GUTTER
- POSITIVE SLOPED CURB
- PROPERTY BOUNDARY

CURVE TABLE

NUMBER	RADIUS	LENGTH	DELTA	PI STATION	PC STATION	PT STATION
C1	135.00	22.95	9° 44' 22"	2+33.81	2+22.31	2+45.26
C2	142.00	19.45	7° 50' 47"	5+29.50	5+19.76	5+39.21
C3	208.00	61.44	16° 55' 32"	6+08.30	5+77.35	6+38.80
C4	60.02	28.30	27° 00' 39"	21+32.49	21+18.08	21+46.37

LINE TABLE

NUMBER	LENGTH	BEARING	START STATION	END STATION
L1	222.31	N0° 11' 26.23"W	0+00.00	2+22.31
L2	274.50	N9° 55' 48.66"W	2+45.26	5+19.76
L3	38.15	N17° 46' 39.33"W	5+39.21	5+77.35
L4	79.07	N0° 51' 06.94"W	6+38.80	7+17.87
L5	118.08	N80° 04' 25.64"E	20+00.00	21+18.08
L6	35.42	N53° 52' 28.53"E	21+46.37	21+81.79

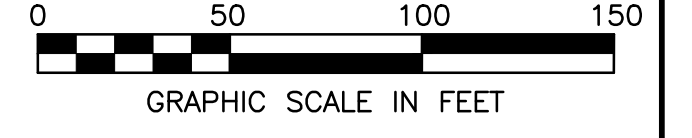
LOT INFORMATION

LOT NUMBER	LOT SIZE	LOT WIDTH
1*	6,766 SF	58 FT
2	6,906 SF	65 FT
3	9,373 SF	86.4 FT
4	8,317 SF	68 FT
5	9,637 SF	70.8 FT
6	7,923 SF	61.9 FT
7	6,644 SF	62 FT
8	8,157 SF	74.4 FT
9*	7,444 SF	51.3 FT
10	8,432 SF	62 FT
11	9,716 SF	82.8 FT
12	9,686 SF	83.1 FT
13	8,606 SF	76.6 FT
14	7,546 SF	67.3 FT
15	6,824 SF	65 FT
16	6,477 SF	63 FT
17	7,592 SF	68.8 FT
18	8,426 SF	60 FT
19	8,397 SF	60 FT

*- INDICATES A VARIANCE IS NEEDED FOR THE REQUIRED LOT WIDTH.
 NOTE:
 LOT WIDTHS WERE MEASURED PER THE DEFINITION IN VILLAGE CODE SECTION 155.802.

BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
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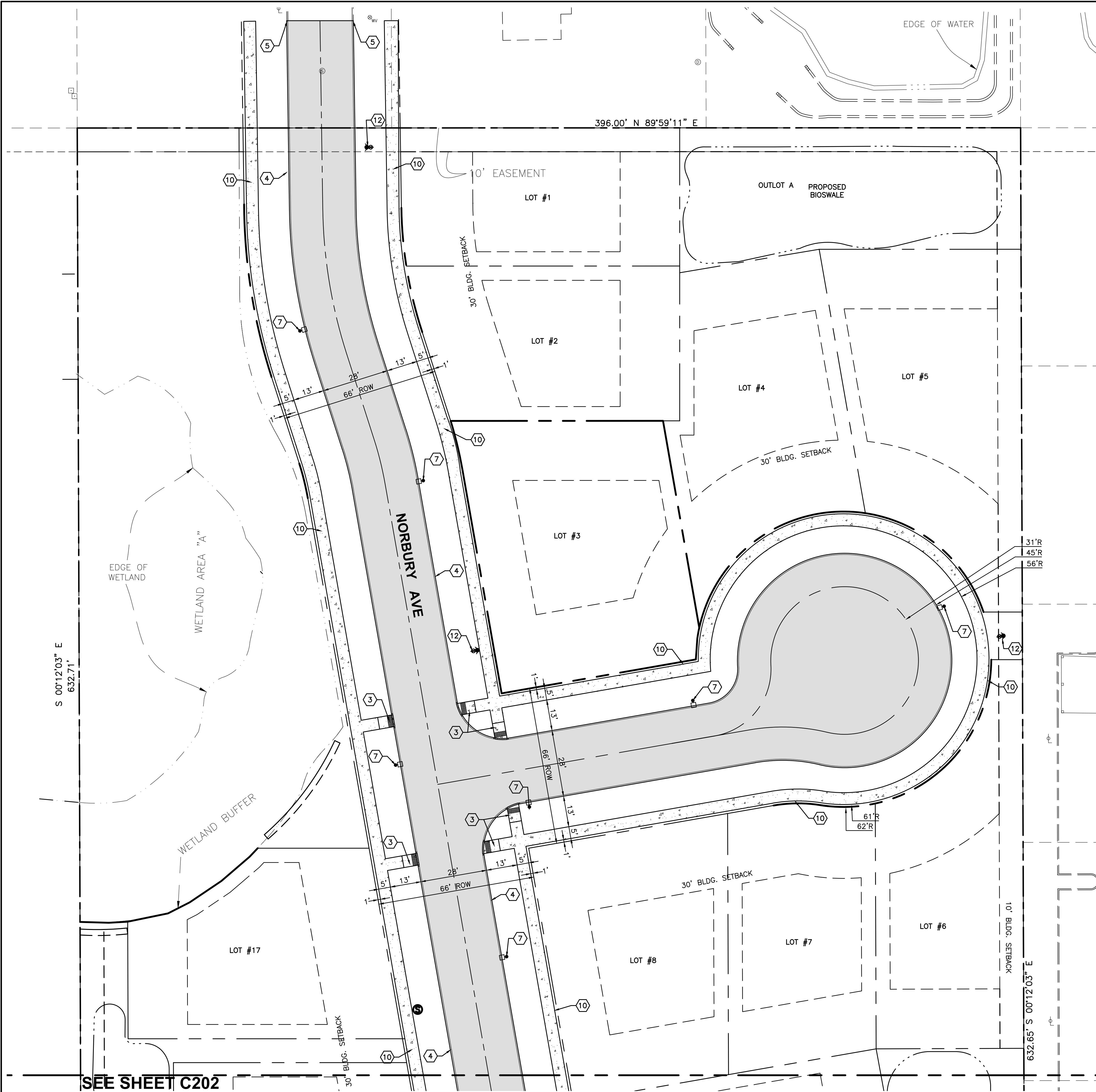
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

OVERALL SITE PLAN

SHEET NO. **C200**

Layout Tab Name: C201 SITE PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_24.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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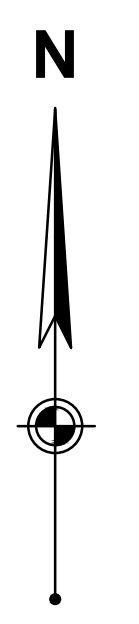
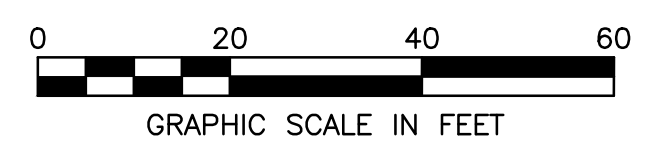
SITE LEGEND

- INDICATES RESIDENTIAL STREET PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION
- INDICATES NEW CONCRETE PAVEMENT/SIDEWALK—SEE DETAILS FOR PAVEMENT COMPOSITION
- LIGHT POLES
- EXISTING CURB AND GUTTER
- POSITIVE SLOPED CURB
- PROPERTY BOUNDARY

- ### SITE KEY NOTES
- | NO. | DESCRIPTION |
|-----|---|
| 1 | "STOP" SIGN, R1-1 |
| 2 | 24" WIDE STOP BAR, TRAFFIC WHITE PAINT |
| 3 | ACCESSIBLE RAMP WITH DETECTABLE WARNING |
| 4 | CURB AND GUTTER |
| 5 | BEGIN/END PROPOSED CURB AND GUTTER. SAWCUT EXISTING CURB TO PROVIDE CLEAN CONSTRUCTION JOINT. |
| 6 | TOE OF CURB INSTALLED AT EXISTING EDGE OF PAVEMENT |
| 7 | STREET LIGHT POLE |
| 8 | NOT USED |
| 9 | NOT USED |
| 10 | CONCRETE 5' WALK |
| 11 | NOT USED |
| 12 | FIRE HYDRANT |
| 13 | RETAINING WALL |

- ### SITE NOTES
- ALL DIMENSIONS, RADII AND COORDINATES ARE TO BACK OF CURB WHERE APPLICABLE. ALL RADII SHALL BE 4' UNLESS INDICATED OTHERWISE.
 - ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS INDICATED OTHERWISE.
 - ALL CURB & GUTTER SHALL BE B6.12, "POSITIVE", UNLESS NOTED OTHERWISE (SEE DETAILS).
 - ADA DETECTABLE WARNINGS/TRUNCATED DOMES TO BE PROVIDED AT SIDEWALKS ON EITHER SIDE OF EACH DRIVEWAY CROSSING.
 - SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
 - THE DETENTION BASIN AND BIOSWALES SHALL BE SEEDED USING CARDNO NATIVE PLANT NURSERY'S STORMWATER SEED MIX.

BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43
 THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.



SEE SHEET C202

PROJECT No:	REVISION
080220	
DATE 01/17/20	
DES. JL	
DR. DH	
CKD. JG	

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731

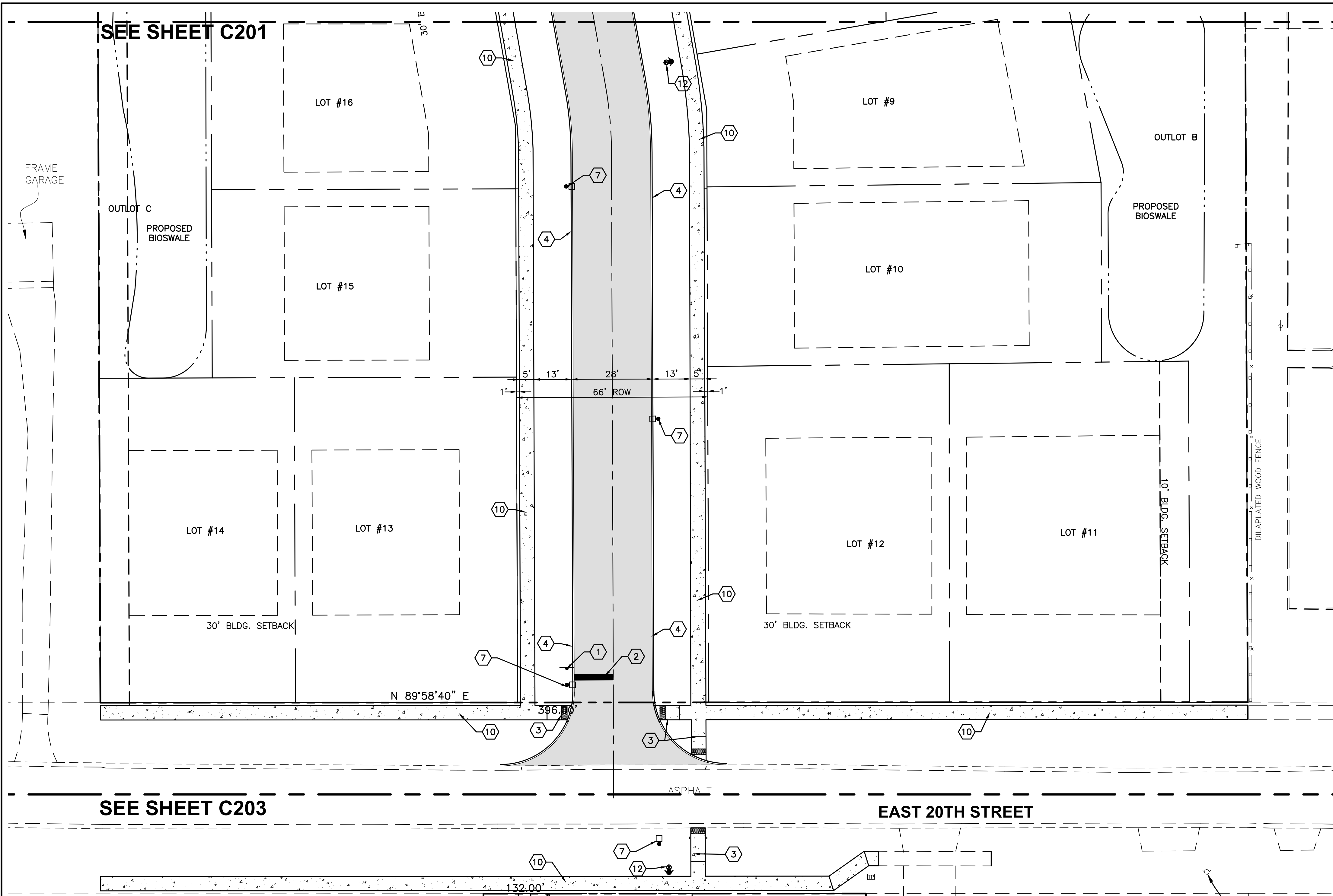
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

SITE PLAN

SHEET NO.
C201

Layout Tab Name: C202 SITE PLAN, Images: lombard_aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_24.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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SEE SHEET C201

SEE SHEET C203

SITE LEGEND

- INDICATES RESIDENTIAL STREET PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION
- INDICATES NEW CONCRETE PAVEMENT/SIDEWALK—SEE DETAILS FOR PAVEMENT COMPOSITION
- LIGHT POLES
- EXISTING CURB AND GUTTER
- POSITIVE SLOPED CURB
- PROPERTY BOUNDARY

SITE KEY NOTES

- | NO. | DESCRIPTION |
|-----|---|
| 1 | "STOP" SIGN, R1-1 |
| 2 | 24" WIDE STOP BAR, TRAFFIC WHITE PAINT |
| 3 | ACCESSIBLE RAMP WITH DETECTABLE WARNING |
| 4 | CURB AND GUTTER |
| 5 | BEGIN/END PROPOSED CURB AND GUTTER. SAWCUT EXISTING CURB TO PROVIDE CLEAN CONSTRUCTION JOINT. |
| 6 | TOE OF CURB INSTALLED AT EXISTING EDGE OF PAVEMENT |
| 7 | STREET LIGHT POLE |
| 8 | NOT USED |
| 9 | NOT USED |
| 10 | CONCRETE 5' WALK |
| 11 | NOT USED |
| 12 | FIRE HYDRANT |
| 13 | RETAINING WALL |

SITE NOTES

- ALL DIMENSIONS, RADII AND COORDINATES ARE TO BACK OF CURB WHERE APPLICABLE. ALL RADII SHALL BE 4' UNLESS INDICATED OTHERWISE.
- ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS INDICATED OTHERWISE.
- ALL CURB & GUTTER SHALL BE B6.12, "POSITIVE", UNLESS NOTED OTHERWISE (SEE DETAILS).
- ADA DETECTABLE WARNINGS/TRUNCATED DOMES TO BE PROVIDED AT SIDEWALKS ON EITHER SIDE OF EACH DRIVEWAY CROSSING.
- SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
- THE DETENTION BASIN AND BIOSWALES SHALL BE SEEDED USING CARDNO NATIVE PLANT NURSERY'S STORMWATER SEED MIX.



NO.	DATE	REVISION

PROJECT No: 080220
 DATE: 01/17/20
 DES: JL
 DR: DH
 CKD: JG

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 Suite 950
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 630.424.9080
 FAX: 630.495.3731

WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

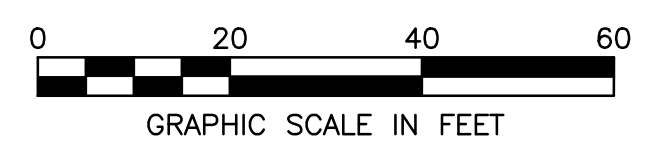
SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS
SITE PLAN

SHEET NO.
C202

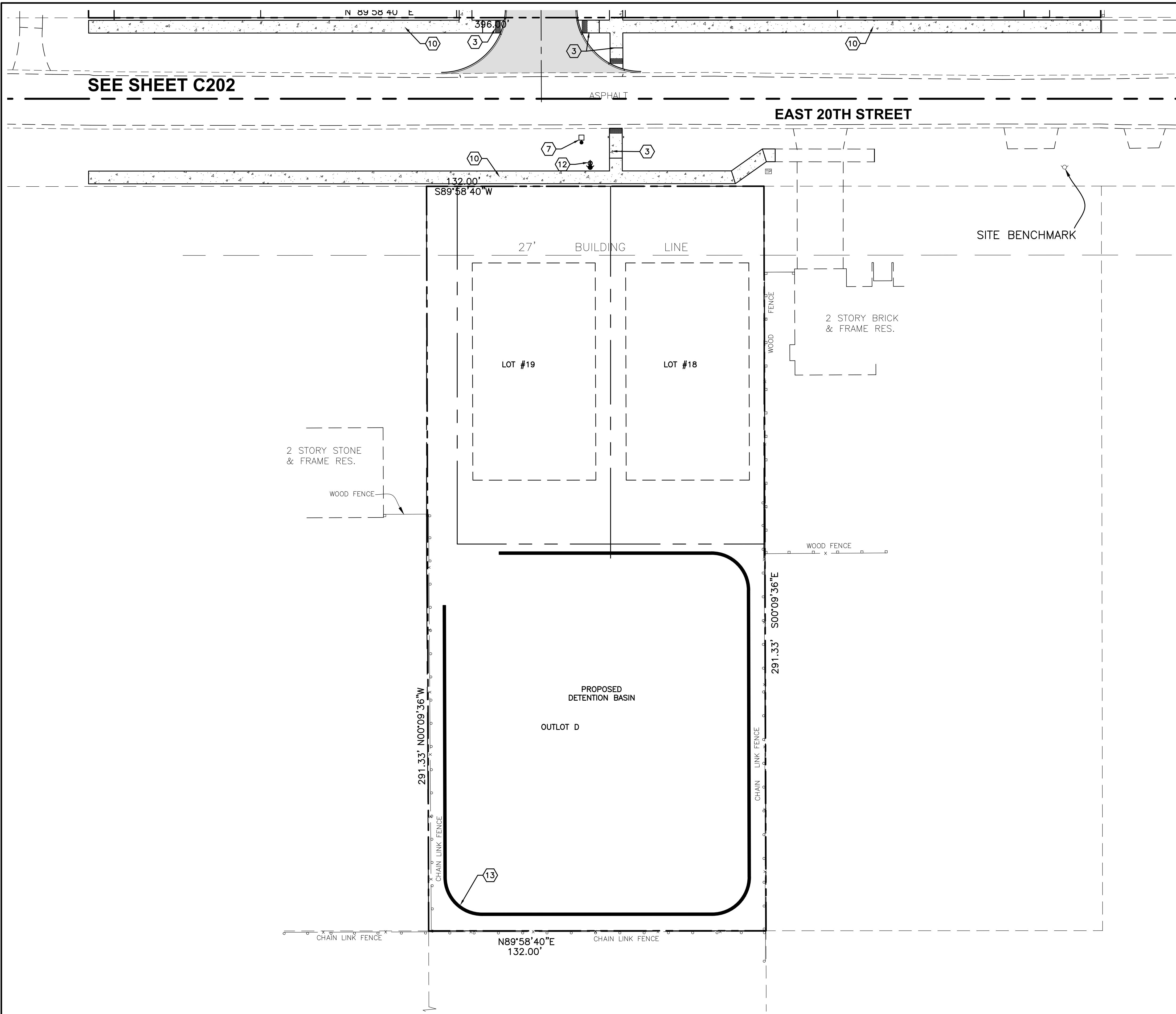
BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.



Layout Tab Name: C203 SITE PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_24.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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SITE LEGEND

- INDICATES RESIDENTIAL STREET PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION
- INDICATES NEW CONCRETE PAVEMENT/SIDEWALK—SEE DETAILS FOR PAVEMENT COMPOSITION
- LIGHT POLES
- EXISTING CURB AND GUTTER
- POSITIVE SLOPED CURB
- PROPERTY BOUNDARY

SITE KEY NOTES

- | NO. | DESCRIPTION |
|-----|---|
| 1 | "STOP" SIGN, R1-1 |
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| 7 | STREET LIGHT POLE |
| 8 | NOT USED |
| 9 | NOT USED |
| 10 | CONCRETE 5' WALK |
| 11 | NOT USED |
| 12 | FIRE HYDRANT |
| 13 | RETAINING WALL |

SITE NOTES

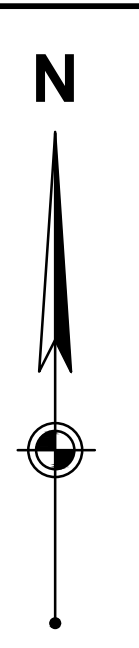
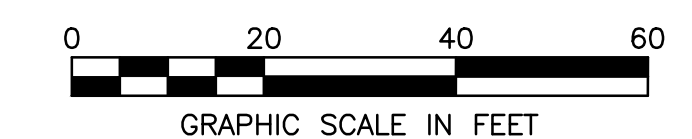
- ALL DIMENSIONS, RADII AND COORDINATES ARE TO BACK OF CURB WHERE APPLICABLE. ALL RADII SHALL BE 4' UNLESS INDICATED OTHERWISE.
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- SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
- THE DETENTION BASIN AND BIOSWALES SHALL BE SEEDED USING CARDNO NATIVE PLANT NURSERY'S STORMWATER SEED MIX.

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



REVISION	
No.	DATE

PROJECT No:	080220
DATE	01/17/20
DES.	JL
DR.	DH
CKD.	JG

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WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

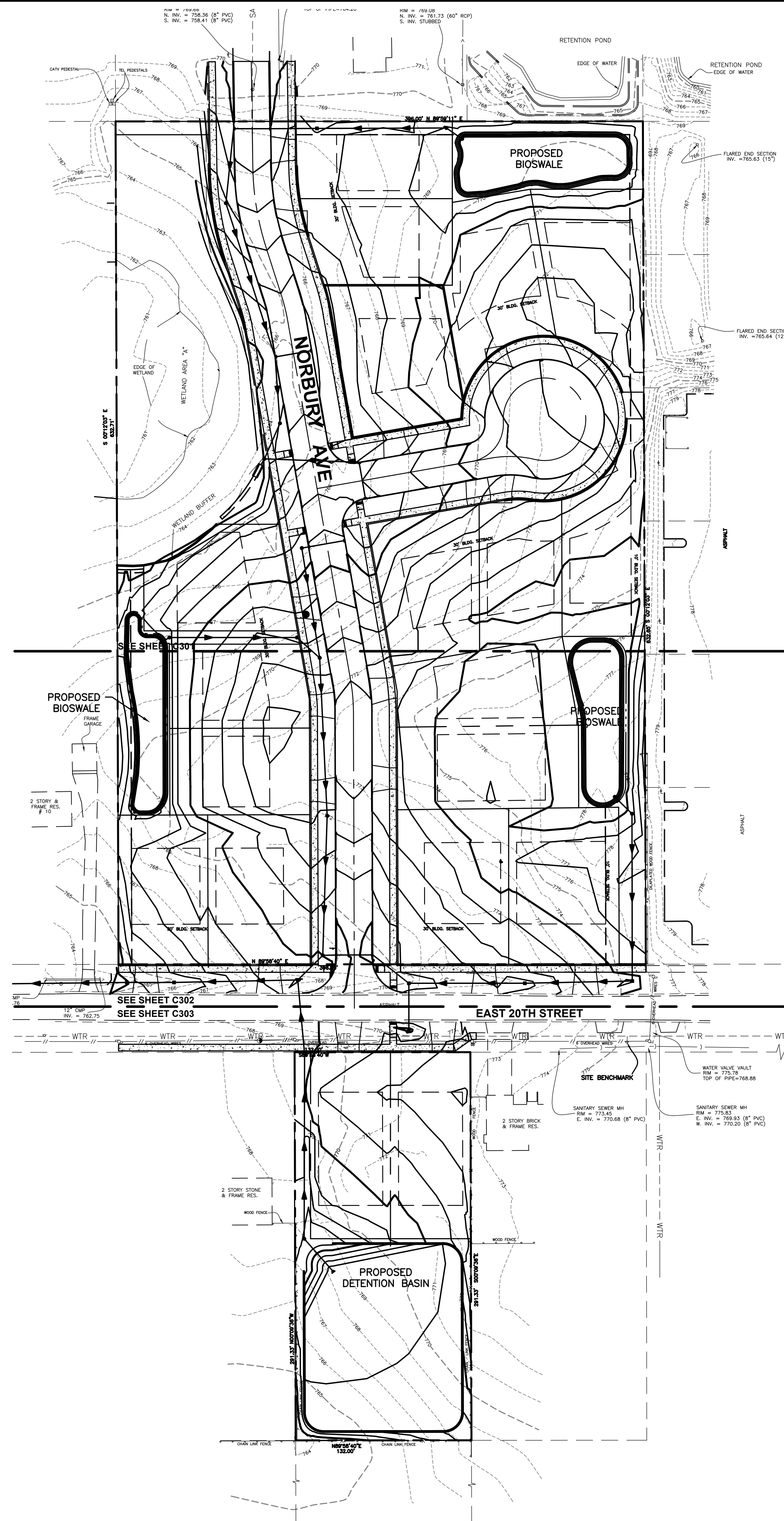
SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

SITE PLAN

SHEET NO.

C203

Layout Tab Name: C300 OVERALL GRADING PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-F.dwg; 080220-TBLK.dwg
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GRADING LEGEND

- EXISTING BOUNDARY
- - - - - PROPOSED BOUNDARY
- - - - - 803 EXISTING 1' CONTOUR
- - - - - 810 EXISTING 5' CONTOUR
- - - - - 803 PROPOSED 1' CONTOUR
- - - - - 810 PROPOSED 5' CONTOUR
- PROPOSED STORM DRAIN
- CENTERLINE DRAINAGE SWALE
- CONSTRUCTION LIMITS
- DIRECTION OF FLOW
- OVERLAND FLOW ROUTE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- POSITIVE SLOPED CURB
- NEGATIVE SLOPED CURB
- ① INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- ① PROPOSED STORM STRUCTURE CALLOUT

NOTE: 3:1 IS THE MAXIMUM ALLOWABLE SLOPE IN NON PAVED AREAS



REVISION

No. DATE

PROJECT No: 080220

DATE 01/17/20

DES. JL

DR. DH

CKD. JG

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SITE IMPROVEMENT PLANS
 NORBURY CROSSINGS

20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

OVERALL GRADING PLAN

SHEET NO.

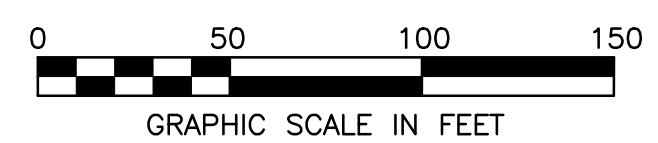
C300

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.



Layout Tab Name: C301 GRADING PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-F.dwg; 080220-TBLK.dwg
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GRADING LEGEND

- EXISTING BOUNDARY
- - - PROPOSED BOUNDARY
- - - EXISTING 1' CONTOUR
- - - EXISTING 5' CONTOUR
- - - PROPOSED 1' CONTOUR
- - - PROPOSED 5' CONTOUR
- PROPOSED STORM DRAIN
- CENTERLINE DRAINAGE SWALE
- CONSTRUCTION LIMITS
- DIRECTION OF FLOW
- OVERLAND FLOW ROUTE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- POSITIVE SLOPED CURB
- NEGATIVE SLOPED CURB
- ① INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- ⓐ PROPOSED STORM STRUCTURE CALLOUT

PROPOSED ELEVATIONS LEGEND

- ✕ 770.00 TC ELEVATION AT TOP OF CURB
- ✕ 770.00 FL ELEVATION AT FLOW LINE
- ✕ 770.00 P ELEVATION AT TOP OF PAVEMENT
- ✕ 770.00 G ELEVATION AT GRADE
- ✕ 770.00 W ELEVATION AT TOP OF WALK
- ✕ 770.00 RIM TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- ✕ M.E.G. ELEVATION TO MATCH EXISTING GRADE

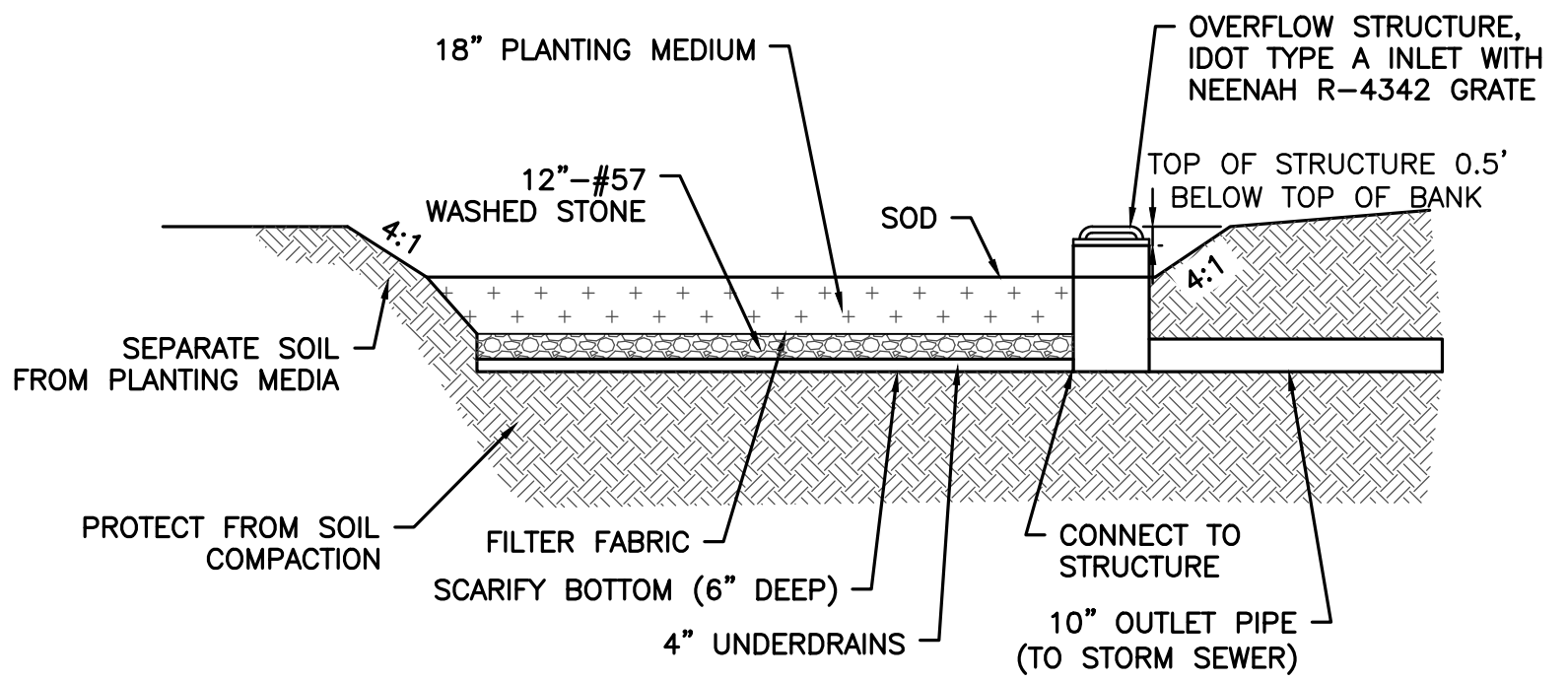
EXISTING ELEVATIONS LEGEND

- ✕ 800.00 TC TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- ✕ 800.00 SPOT ELEVATION

REQUIRED DETENTION VOLUMES

NORTHERN BIOSWALE (A)	11,156 CU. FT.
EASTERN BIOSWALE (B)	7,158 CU. FT.
WESTERN BIOSWALE (C)	6,363 CU. FT.
DETENTION POND (D)	77,070 CU. FT.

NOTE: THE BIOSWALES VOLUMES INCLUDE A 40% VOID SPACE IN THE BIOSWALE MEDIA



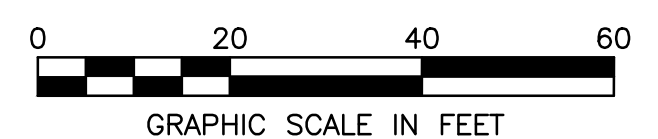
BIOSWALE BASIN TYPICAL SECTION

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



REVISION

No.	DATE	REVISION

PROJECT No: 080220
DATE: 01/17/20
DES.: JL
DR.: DH
CKD.: JG

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 Suite 950
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 630.424.9080
 FAX: 630.495.3731

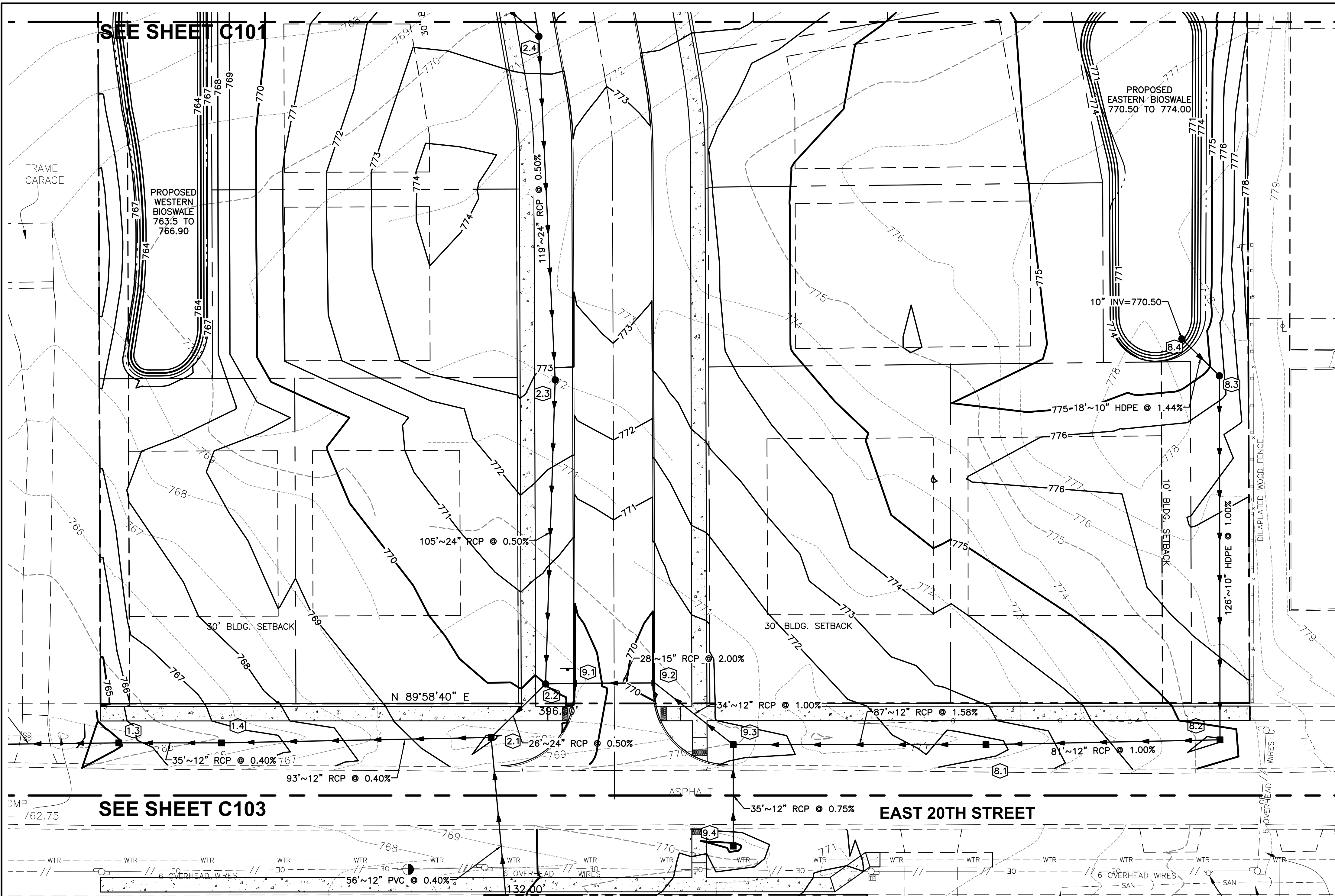
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

GRADING PLAN

SHEET NO. **C301**

Layout Tab Name: C302 GRADING PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-F.dwg; 080220-TBLK.dwg
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GRADING LEGEND

- EXISTING BOUNDARY
- - - PROPOSED BOUNDARY
- - - 803 EXISTING 1' CONTOUR
- - - 810 EXISTING 5' CONTOUR
- - - 803 PROPOSED 1' CONTOUR
- - - 810 PROPOSED 5' CONTOUR
- PROPOSED STORM DRAIN
- CENTERLINE DRAINAGE SWALE
- CONSTRUCTION LIMITS

- DIRECTION OF FLOW
- OVERLAND FLOW ROUTE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- POSITIVE SLOPED CURB
- NEGATIVE SLOPED CURB
- ① INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- ① PROPOSED STORM STRUCTURE CALLOUT

PROPOSED ELEVATIONS LEGEND

- x 770.00 TC ELEVATION AT TOP OF CURB
- x 770.00 FL ELEVATION AT FLOW LINE
- x 770.00 P ELEVATION AT TOP OF PAVEMENT
- x 770.00 G ELEVATION AT GRADE
- x 770.00 W ELEVATION AT TOP OF WALK
- x 770.00 RIM TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- x M.E.G. ELEVATION TO MATCH EXISTING GRADE

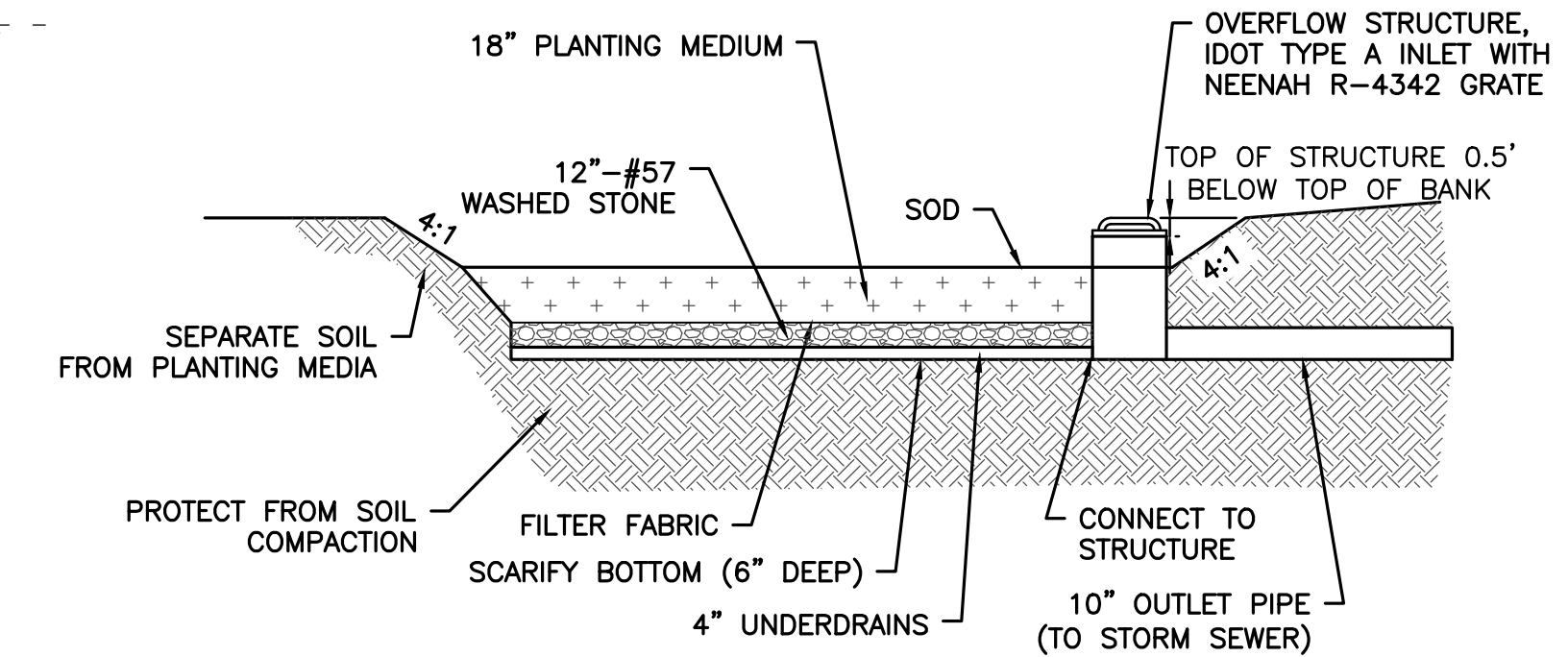
EXISTING ELEVATIONS LEGEND

- x 800.00 TC TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- x 800.00 SPOT ELEVATION

REQUIRED DETENTION VOLUMES

NORTHERN BIOSWALE (A)	11,156 CU. FT.
EASTERN BIOSWALE (B)	7,158 CU. FT.
WESTERN BIOSWALE (C)	6,363 CU. FT.
DETENTION POND (D)	77,070 CU. FT.

NOTE: THE BIOSWALES VOLUMES INCLUDE A 40% VOID SPACE IN THE BIOSWALE MEDIA



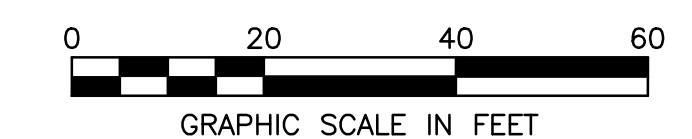
BIOSWALE BASIN TYPICAL SECTION

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



No.	DATE	REVISION

PROJECT No: 080220
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 DES. JL
 DR. DH
 CKD. JG

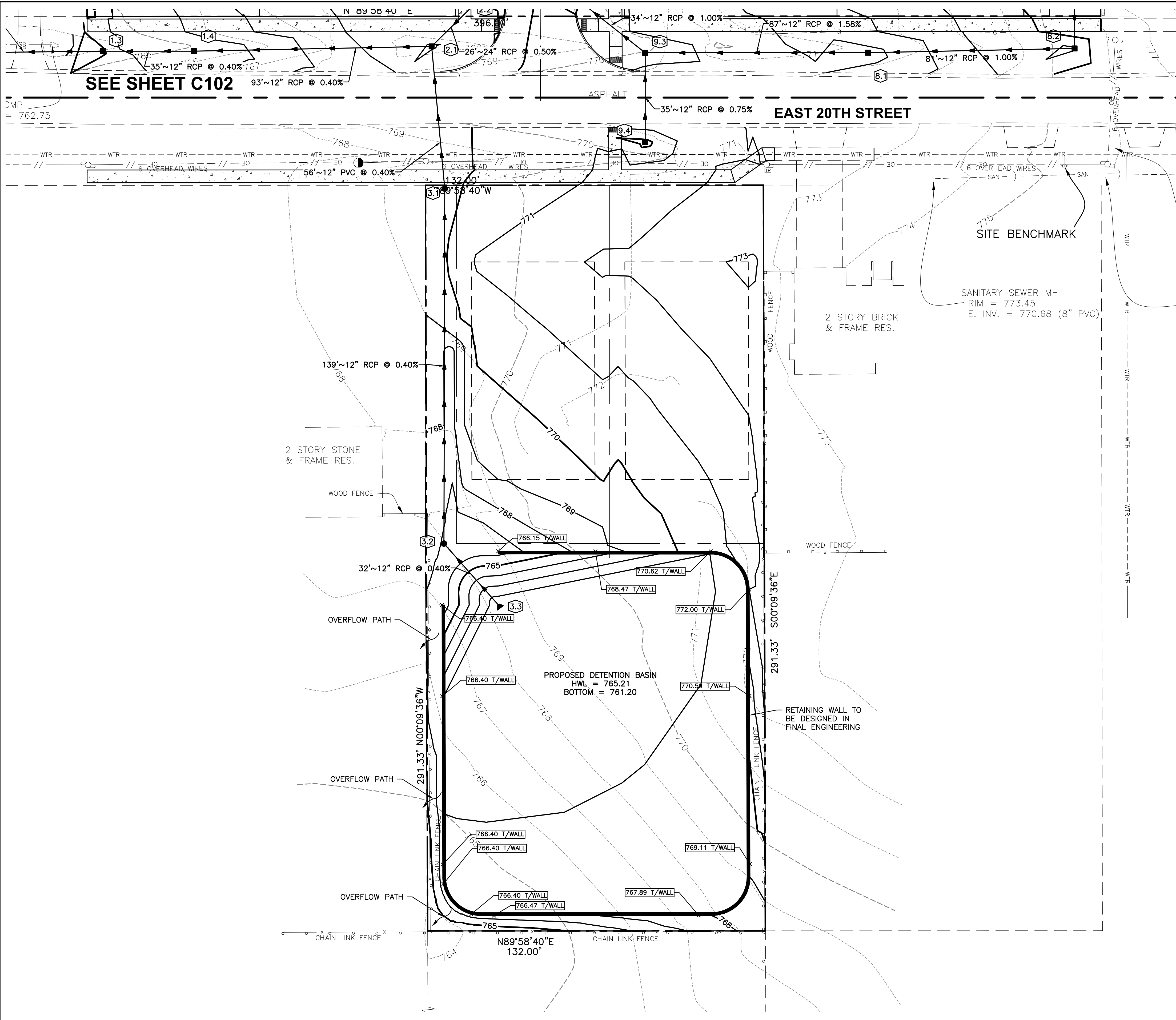
1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.485.3731

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

GRADING PLAN

SHEET NO. **C302**

Layout Tab Name: C303 GRADING PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; 2017survey4_2.dwg; 080220-F.dwg; 080220-TBLK.dwg
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SEE SHEET C102

GRADING LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- PROPOSED STORM DRAIN
- CENTERLINE DRAINAGE SWALE
- CONSTRUCTION LIMITS

- DIRECTION OF FLOW
- OVERLAND FLOW ROUTE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- POSITIVE SLOPED CURB
- NEGATIVE SLOPED CURB
- INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- PROPOSED STORM STRUCTURE CALLOUT

PROPOSED ELEVATIONS LEGEND

- 770.00 TC ELEVATION AT TOP OF CURB
- 770.00 FL ELEVATION AT FLOW LINE
- 770.00 P ELEVATION AT TOP OF PAVEMENT
- 770.00 G ELEVATION AT GRADE
- 770.00 W ELEVATION AT TOP OF WALK
- 770.00 RIM TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- M.E.G. ELEVATION TO MATCH EXISTING GRADE

EXISTING ELEVATIONS LEGEND

- 800.00 TC TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- 800.00 SPOT ELEVATION

REQUIRED DETENTION VOLUMES

NORTHERN BIOSWALE (A)	11,156 CU. FT.
EASTERN BIOSWALE (B)	7,158 CU. FT.
WESTERN BIOSWALE (C)	6,363 CU. FT.
DETENTION POND (D)	77,070 CU. FT.

NOTE: THE BIOSWALES VOLUMES INCLUDE A 40% VOID SPACE IN THE BIOSWALE MEDIA



No.	DATE	REVISION

PROJECT No:	080220
DATE	01/17/20
DES.	JL
DR.	DH
CKD.	JG

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 FAX: 630.485.3731



SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

GRADING PLAN

SHEET NO.

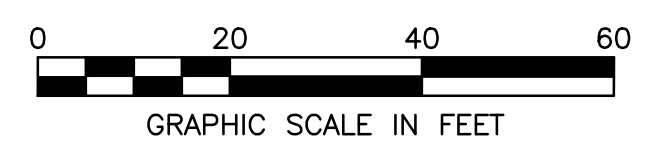
C303

BENCHMARK:

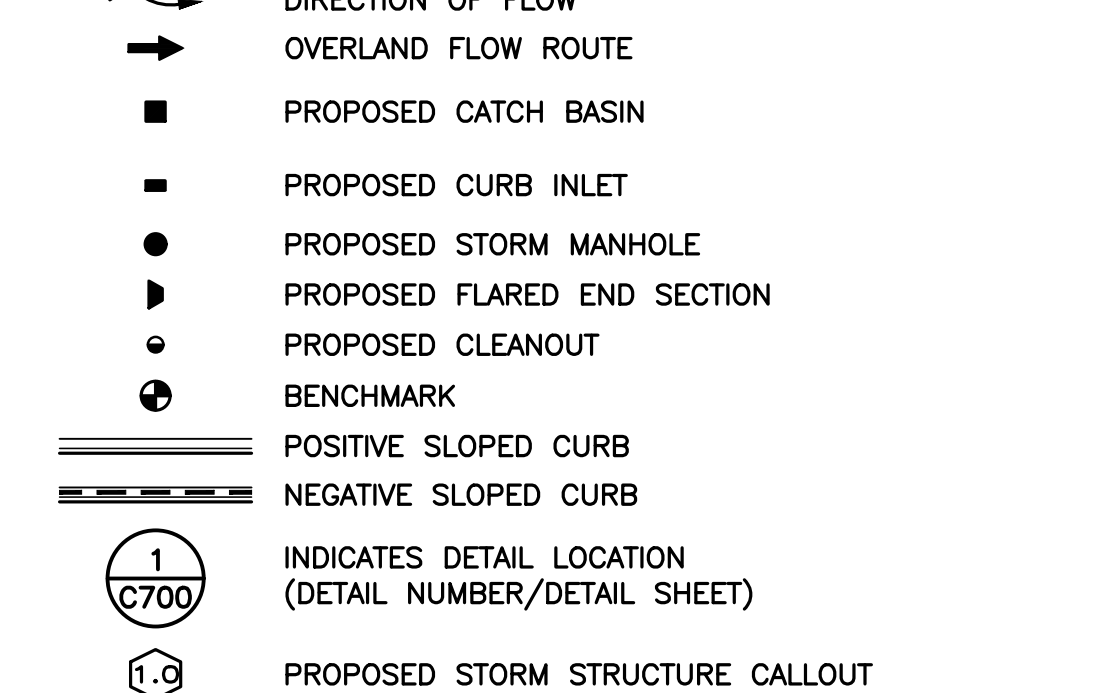
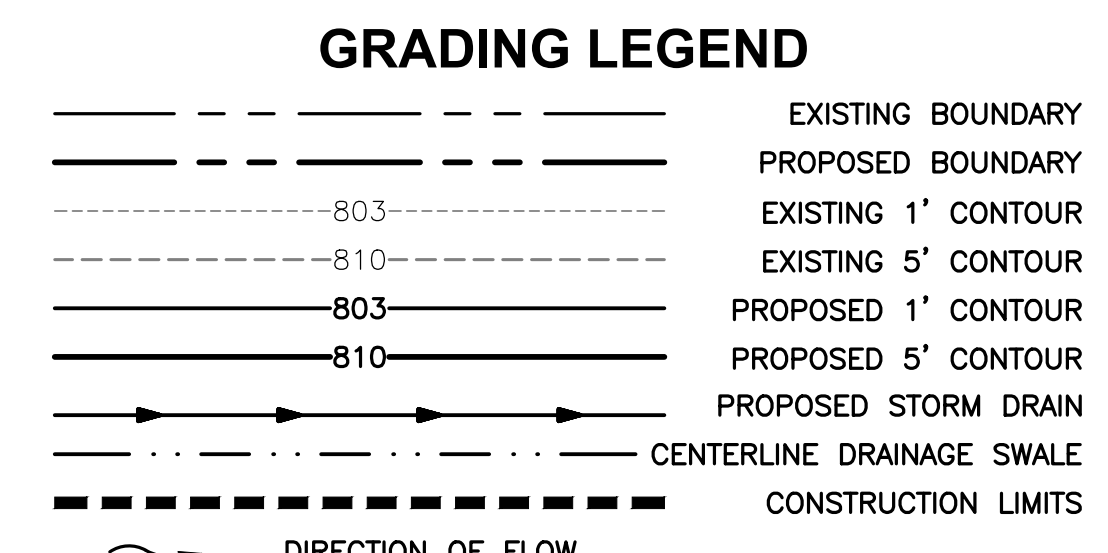
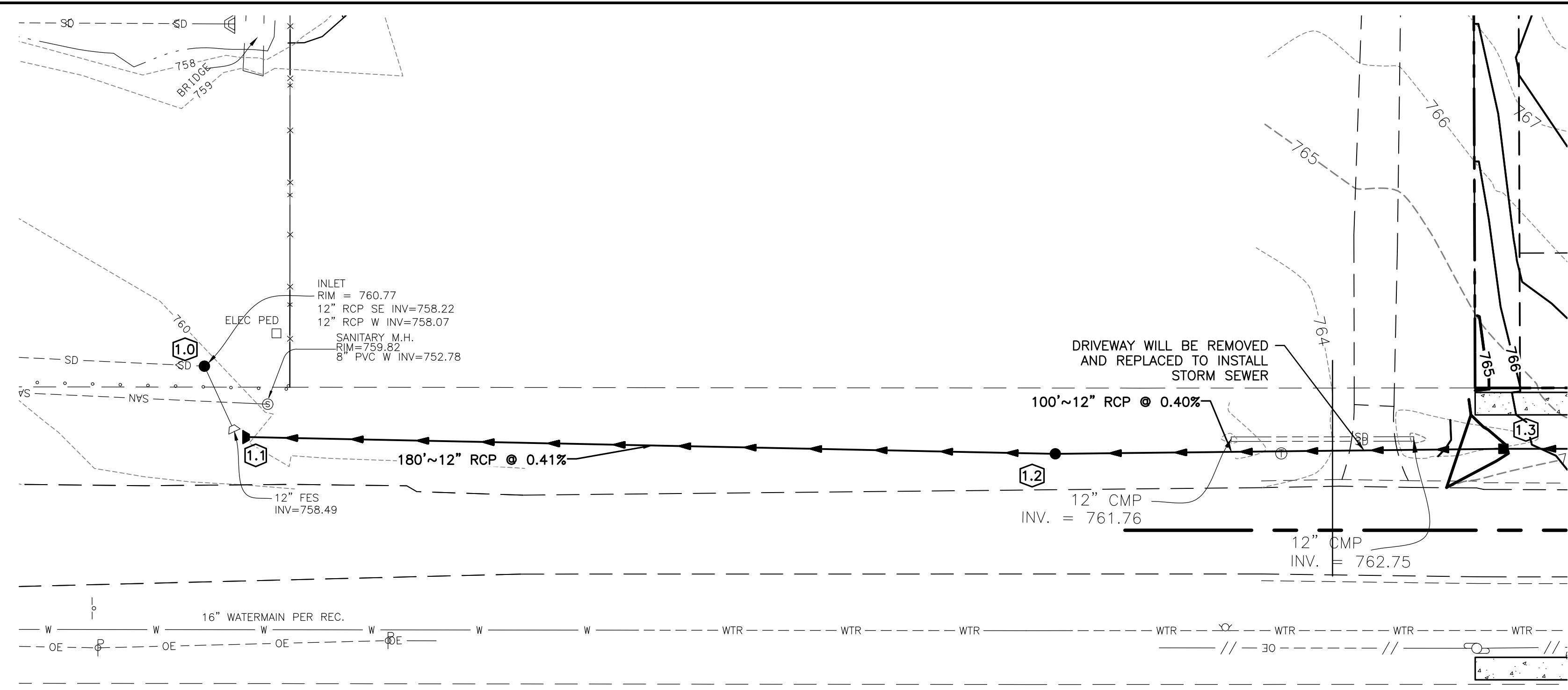
THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.



Layout Tab Name: C304 OFF-SITE GRADING PLAN, Images: lombard_aerol.jpg, Xrefs: 080220-X.dwg; 080220-DIG.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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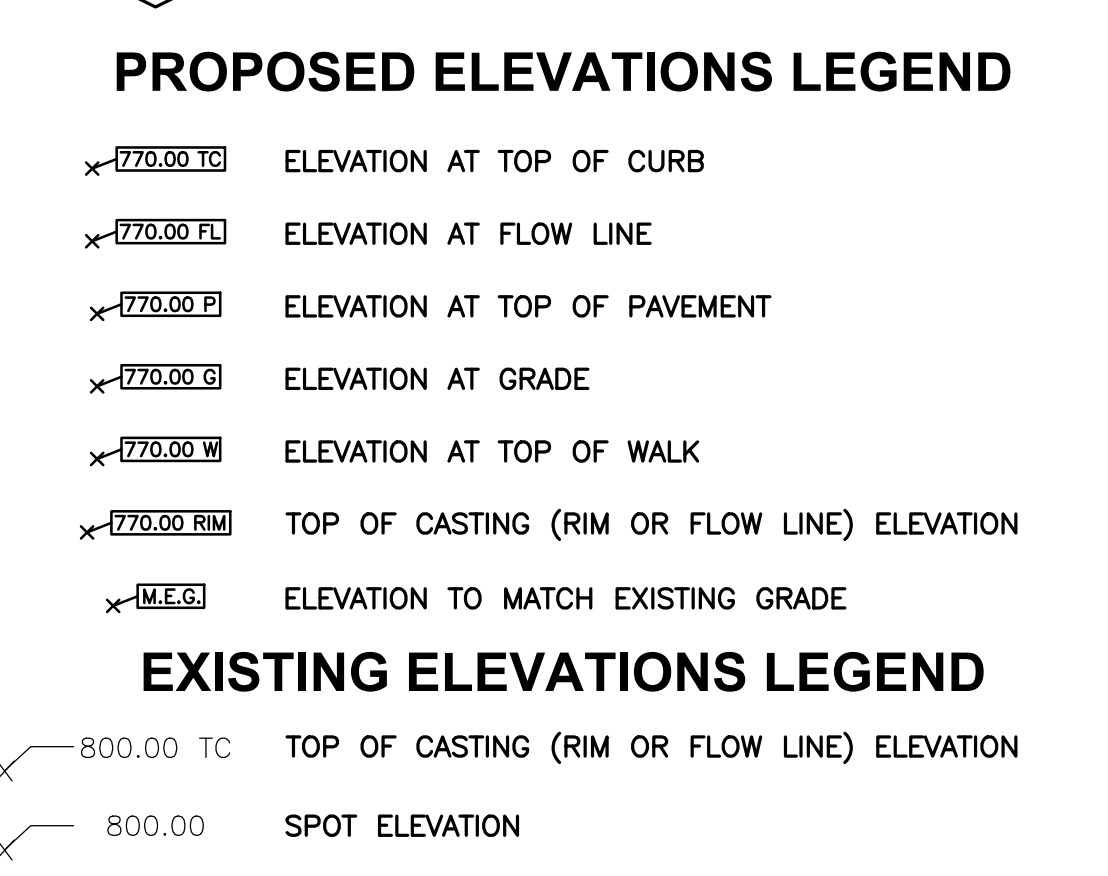
STORM STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	FRAME	RIM/GRATE	INVERT
1.0	EX. CATCH BASIN	EXISTING	760.77	12" = 758.22 (SE)
1.1	12" FLARED END SECTION	IDOT STANDARD	760.22	12" = 758.60 (E)
1.2	3' MANHOLE	IDOT TYPE 1	760.51	12" = 759.34 (E) 12" = 759.34 (W)
1.3	CATCH BASIN TYPE C	IDOT TYPE 8	764.85	12" = 759.74 (E) 12" = 759.74 (W)
1.4	CATCH BASIN TYPE C	IDOT TYPE 8	765.99	12" = 759.88 (E) 12" = 759.88 (W)
2.1	RESTRICTOR MANHOLE	IDOT TYPE 8	768.91	24" = 761.49 (NE) 12" = 760.25 (W) 12" = 760.25 (S)
2.2	4' MANHOLE	IDOT TYPE 1	770.01	24" = 761.62 (N) 15" = 765.75 (E) 24" = 761.62 (SW)
2.3	4' MANHOLE	IDOT TYPE 1	772.89	24" = 762.14 (S) 24" = 762.14 (N)
2.4	5' MANHOLE	IDOT TYPE 1	772.55	24" = 762.74 (N) 24" = 762.74 (S) 12" = 762.74 (NW)
2.5	4' MANHOLE	IDOT TYPE 1	769.34	24" = 764.41 (S) 15" = 764.41 (E)
2.6	CATCH BASIN TYPE C	NEENAH R-3277A	769.57	12" = 764.51 (E) 15" = 764.51 (W)
2.7	IDOT TYPE A INLET	NEENAH R-3277A	769.61	12" = 765.07 (W)
3.1	4' MANHOLE	IDOT TYPE 1	769.69	12" = 760.47 (S) 12" = 760.47 (N)
3.2	4' MANHOLE	IDOT TYPE 1	766.84	12" = 761.02 (SE) 12" = 761.02 (N)
3.3	12" FLARED END SECTION	IDOT STANDARD	762.81	12" = 761.15 (NW)
4.0	CATCH BASIN TYPE A	IDOT TYPE 1	765.16	24" = 760.53 (NE) 24" = 760.53 (SW) 12" = 761.16 (E)
4.1	4' MANHOLE	IDOT TYPE 1	766.03	24" = 760.76 (SW) 24" = 760.76 (N)
4.2	4' MANHOLE	NEENAH R-3277A	765.69	15" = 761.13 (N) 24" = 761.13 (S) 12" = 761.13 (E)
4.3	4' MANHOLE	IDOT TYPE 1	767.88	15" = 763.05 (N) 15" = 762.04 (S)

STORM STRUCTURE TABLE

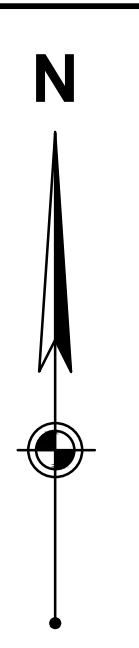
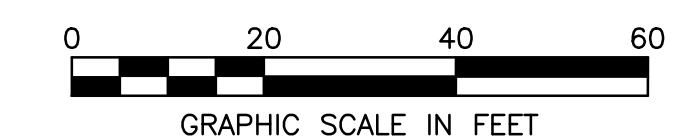
STRUCTURE ID	DESCRIPTION	FRAME	RIM/GRATE	INVERT
4.4	4' MANHOLE	NEENAH R-3277A	769.93	15" = 763.38 (E) 15" = 763.38 (S)
4.5	IDOT TYPE B INLET	NEENAH R-3277A	769.97	15" = 763.54 (W) 12" = 763.54 (E)
4.6	IDOT TYPE B INLET	IDOT TYPE 8	767.40	12" = 763.75 (E) 12" = 763.75 (W)
4.7	IDOT TYPE B INLET	IDOT TYPE 1	768.88	10" = 764.32 (SE) 12" = 764.32 (W)
4.8	IDOT TYPE A INLET	NEENAH R-4342	767.75	10" = 764.50 (NW)
5.1	IDOT TYPE A INLET	NEENAH R-3277A	765.73	12" = 761.50 (W)
6.1	IDOT TYPE B INLET	NEENAH R-3277A	768.10	12" = 764.62 (S) 12" = 764.54 (W)
6.2	IDOT TYPE A INLET	NEENAH R-3277A	768.20	12" = 764.90 (N)
7.1	IDOT TYPE B INLET	IDOT TYPE 1	771.84	12" = 762.87 (W) 12" = 762.87 (SE)
7.2	IDOT TYPE B INLET	IDOT TYPE 1	767.61	12" = 763.42 (E) 10" = 763.42 (SW)
7.3	IDOT TYPE A INLET	NEENAH R-4342	766.40	10" = 763.50 (NE)
8.1	CATCH BASIN TYPE C	IDOT TYPE 8	771.61	12" = 768.17 (E) 12" = 768.17 (W)
8.2	CATCH BASIN TYPE C	IDOT TYPE 8	773.88	10" = 768.98 (N) 12" = 768.98 (W)
8.3	IDOT TYPE B INLET	IDOT TYPE 1	775.62	10" = 770.24 (NW) 10" = 770.24 (S)
8.4	IDOT TYPE A INLET	NEENAH R-4342	773.50	10" = 770.50 (SE)
9.1	IDOT TYPE B INLET	NEENAH R-3277A	770.28	15" = 765.89 (E) 15" = 765.89 (W)
9.2	IDOT TYPE B INLET	NEENAH R-3277A	770.32	15" = 766.45 (W) 12" = 766.45 (SE)
9.3	4' MANHOLE FLAT TOP LID 8" RING	IDOT TYPE 8	770.41	12" = 766.79 (S) 12" = 766.79 (NW) 12" = 766.79 (E)
9.4	IDOT TYPE A INLET	IDOT TYPE 8	769.72	12" = 767.05 (N)

NOTES:
 1. FOR RESTRICTOR MANHOLE SEE VILLAGE OF LOMBARD, STORM 19 DETAIL (RESTRICTOR MANHOLE)
 2. IF GRATE IS NOT SPECIFIED OPEN, THEN IT IS A CLOSED GRATE.



BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



No.	DATE	REVISION

PROJECT No: 080220
 DATE: 01/17/20
 DES. JL
 DR. DH
 CKD. JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731

WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

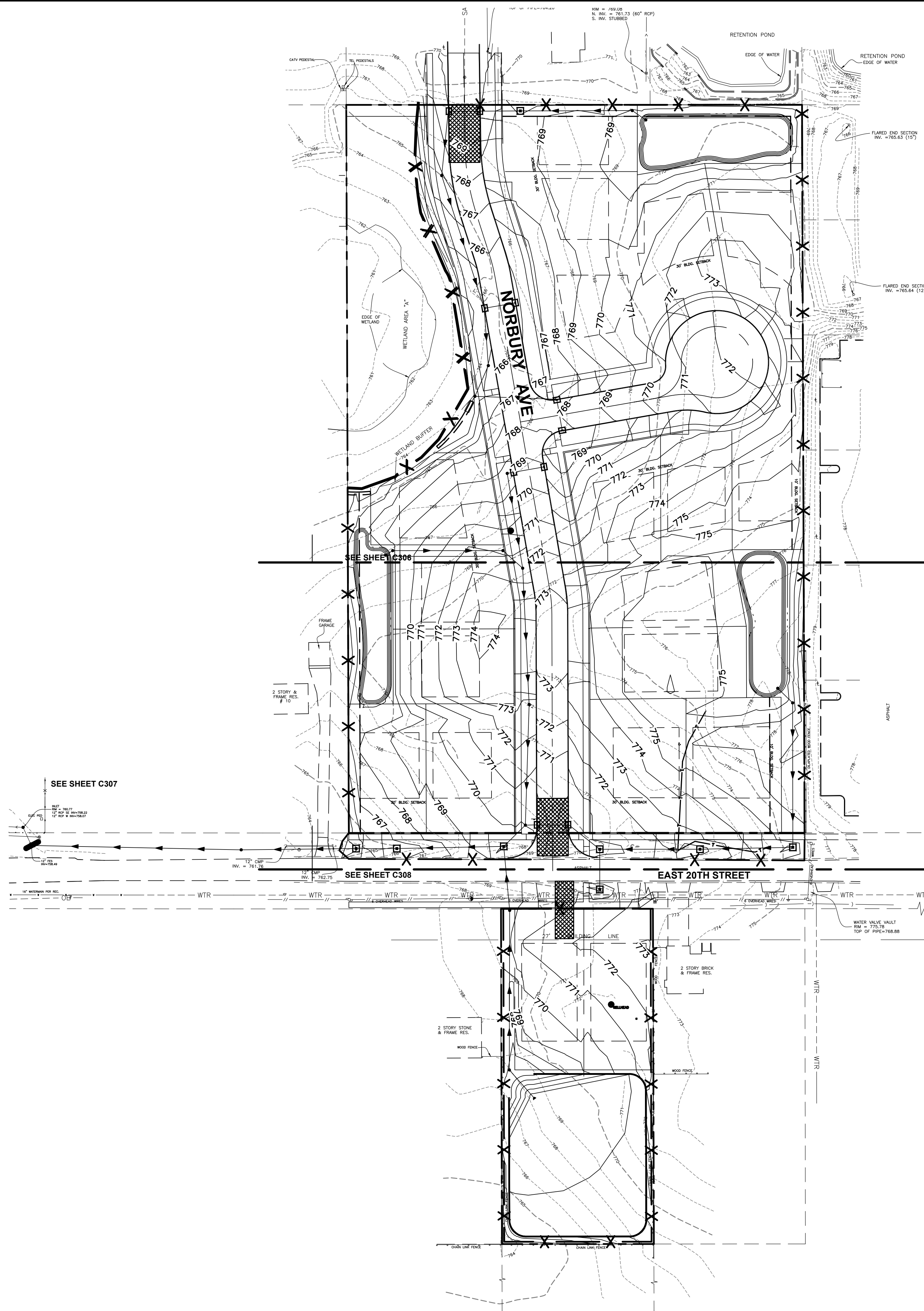
SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

OFF-SITE GRADING PLAN

SHEET NO. **C304**



Layout Tab Name: C305 OVERALL EROSION CONTROL PLAN, Images: lombard_aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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EROSION CONTROL LEGEND

- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY CONSTRUCTION ENTRANCE
- INLET PROTECTION
- CURB INLET PROTECTION
- RIP RAP (SEE DETAIL)
- DITCH CHECK

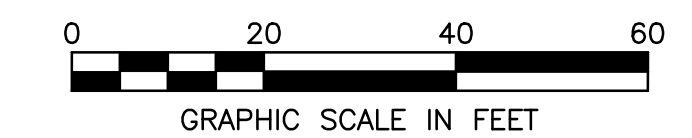


BENCHMARK:

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 SEE DRAWING FOR LOCATION.

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 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
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SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

OVERALL EROSION CONTROL PLAN

SHEET NO.

C305

REVISION

No. DATE

PROJECT No: 080220

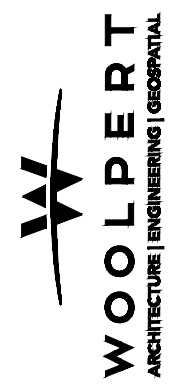
DATE 01/17/20

DES. JL

DR. DH

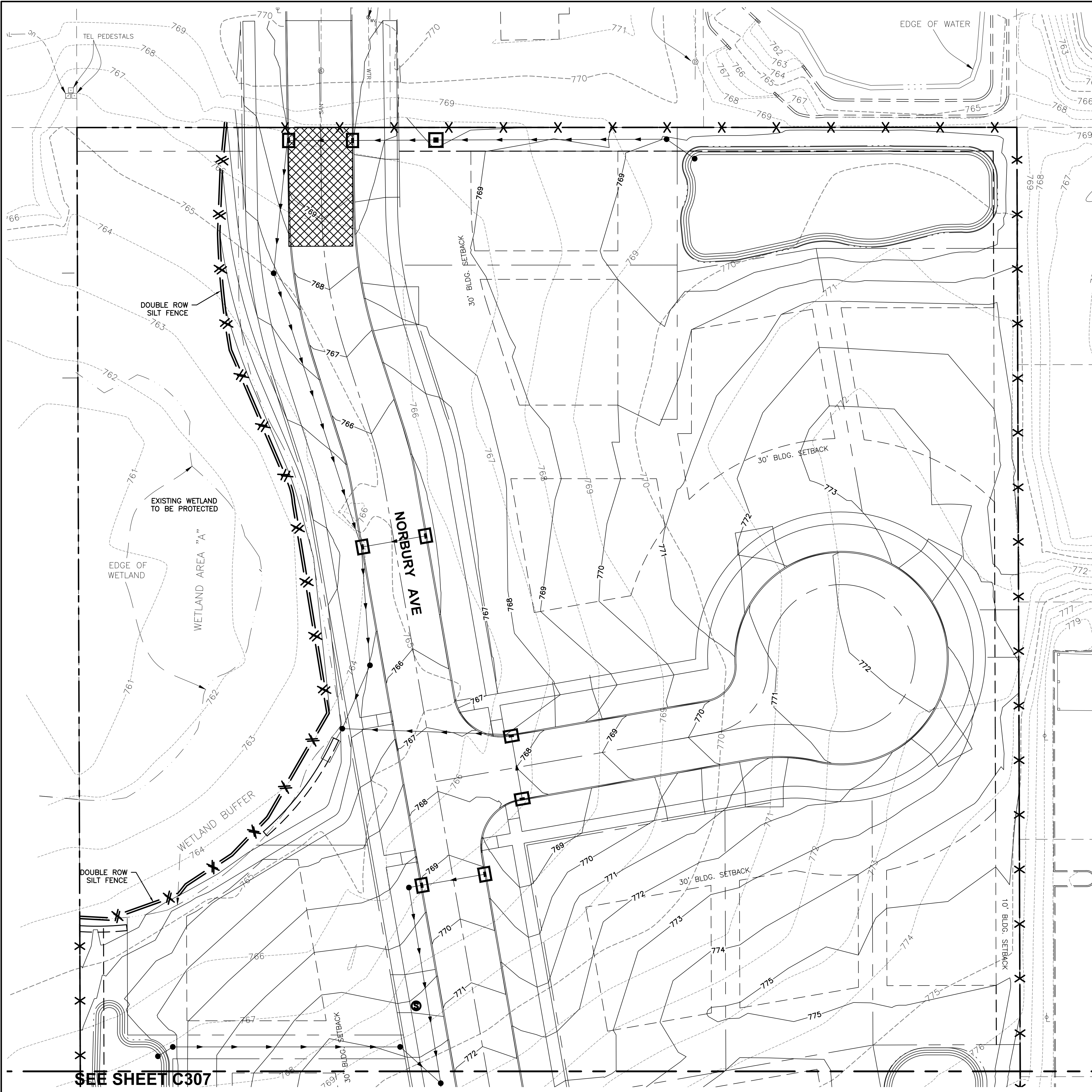
CKD. JG

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 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731



ES&L

Layout Tab Name: C306 EROSION CONTROL PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg, 080220-DIGI.dwg, gentileutility_2.dwg, 2017surveyrev4_2d.dwg, 080220-P.dwg, 080220-TBLK.dwg
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EROSION CONTROL LEGEND

- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY CONSTRUCTION ENTRANCE
- INLET PROTECTION
- CURB INLET PROTECTION
- RIP RAP (SEE DETAIL)
- DITCH CHECK

EROSION CONTROL NOTES

1. SOIL TRACKED OFF-SITE BY CONSTRUCTION VEHICLES SHALL BE REMOVED FROM THE PAVEMENTS AS DEEMED NECESSARY BY THE MUNICIPAL ENGINEER AND SHALL BE RETURNED TO THE SITE OR DISPOSED OF IN AN APPROVED MANNER.
2. INLET PROTECTION SHALL BE REMOVED AFTER THE SITE HAS BEEN PAVED AND ALL ISLANDS/GRASS AREAS HAVE BEEN MULCHED/SEEDED.
3. CONTRACTOR SHALL CLEAN ANY SEDIMENT THAT COLLECTS IN CHANNEL AND INLETS OR IS DEPOSITED ON-SITE PRIOR TO REMOVAL OF EROSION CONTROL MEASURES.
4. EROSION CONTROL DEVICES AS SHOWN ARE THE MINIMUM PROTECTION REQUIREMENTS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE SITE IS PERMANENTLY STABILIZED. THE CONTRACTOR IS REQUIRED TO INSTALL ADDITIONAL DEVICES FOR PROTECTION AT HIS EXPENSE TO MINIMIZE EROSION PER LOCAL REQUIREMENTS.
5. ALL EROSION CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A SIGNIFICANT RAINFALL. RECORDS OF THESE INSPECTIONS AND CORRECTIVE ACTIONS TAKEN SHALL BE MAINTAINED ON FILE IN THE CONSTRUCTION OFFICE.
6. CONTRACTOR SHALL PREVENT SEDIMENT FROM LEAVING THE SITE.
7. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
8. INSTALL ADDITIONAL CONTROL MEASURES IF DEEMED NECESSARY BY ONSITE INSPECTION.
9. CONTRACTOR SHALL ESTABLISH PERMANENT SOIL STABILIZATION.
10. INLET PROTECTION SHALL BE AN INLET PROTECTOR MANUFACTURED BY MAR-MAC OR IPP INLET FILTER OR APPROVED EQUAL.
11. SOIL STOCKPILES GREATER THAN 10 CUBIC YARDS MUST BE LOCATED AT LEAST 25' FROM ROADWAYS, DRAINAGE CHANNELS, WETLANDS, ETC.
12. ALL RIP RAP TO BE MIN. 8" DIAMETER (DOT GRADATION 3).
13. SIDE SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET BY THE SITE CONTRACTOR. EROSION CONTROL BLANKET SHALL BE TYPE SC150, STRAW/FIBER EROSION CONTROL BLANKET AS MANUFACTURED BY NORTH AMERICAN GREEN COMPANY, OR AN ENGINEER APPROVED EQUAL.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

1. INSTALL PERIMETER SE/SC MEASURES SUCH AS SILT FENCE AND A STABILIZED CONSTRUCTION ENTRANCE.
2. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. MAINTENANCE FOR SE/SC MEASURES MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 0.5-INCH OR GREATER RAINFALL EVENT.
3. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET AND OUTLET PROTECTION (SEE DETAIL)
4. PERMANENTLY STABILIZE DETENTION BASINS WITH SEED AND EROSION CONTROL BLANKET
5. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
6. INSTALL CONCRETE AND ASPHALT PAVEMENT
7. REMOVE ALL TEMPORARY SE/SC MEASURES

AREA SUMMARY

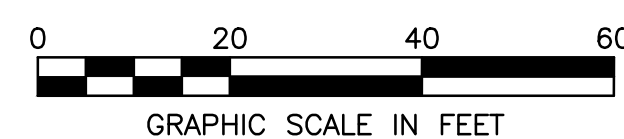
TOTAL SITE AREA = 6.63 ACRES
 DISTURBED AREA = 5.99 ACRES

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



SEE SHEET C307

PROJECT NO:	REVISION
080220	
DATE 01/17/20	
DES. JL	
DR. DH	
CKD. JG	

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731

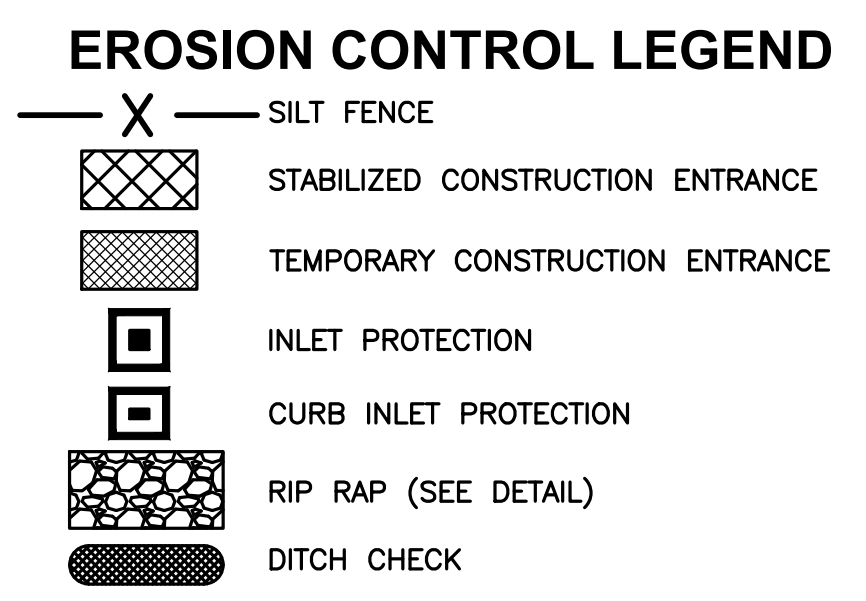
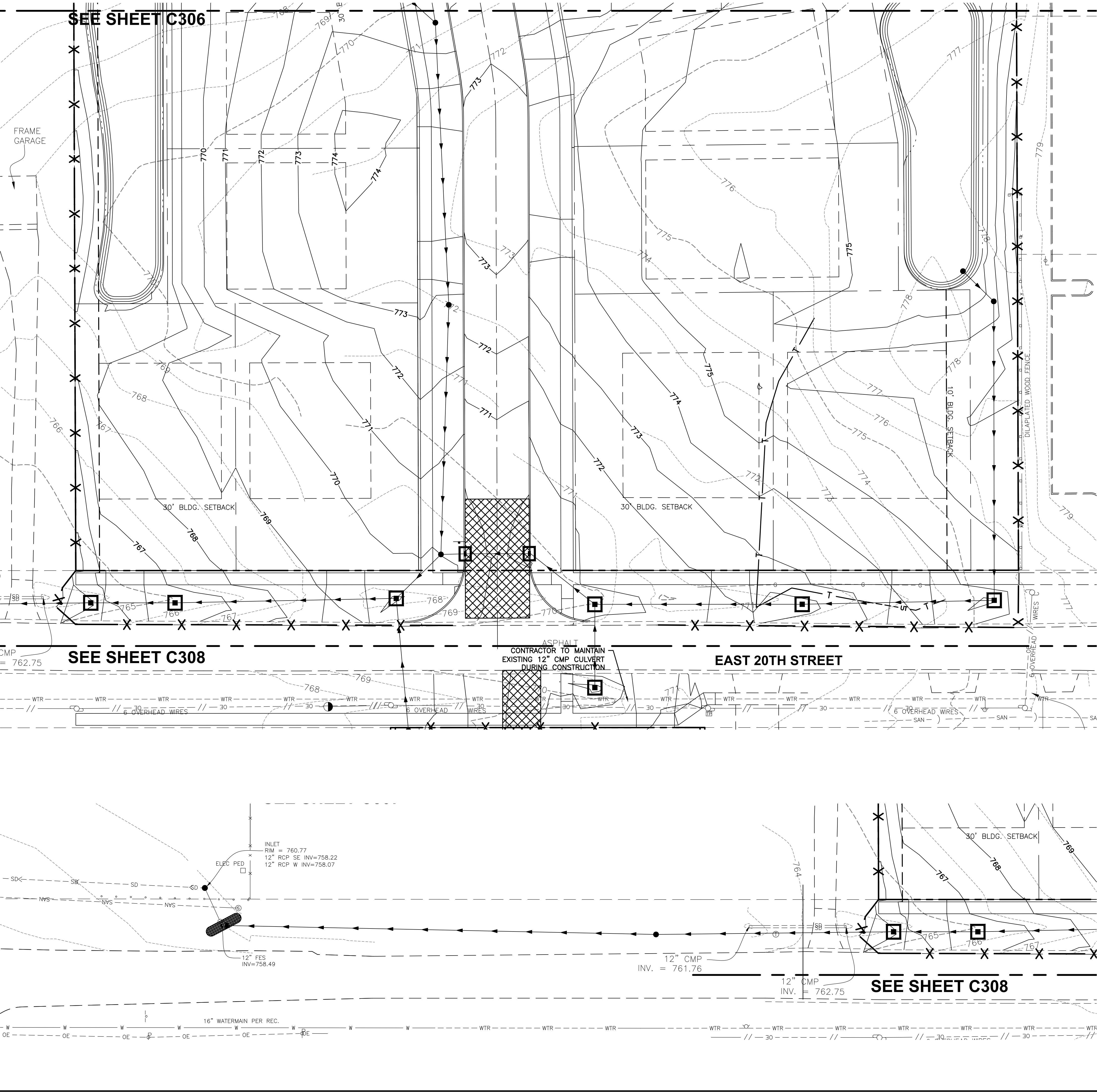
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

EROSION CONTROL PLAN

SHEET NO.
C306

Layout Tab Name: C307 EROSION CONTROL PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg, 080220-DIG.dwg, gentileutility_2.dwg, 2017surveyrev4_2.dwg, 080220-P.dwg, 080220-TBLK.dwg
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- ### EROSION CONTROL NOTES
- SOIL TRACKED OFF-SITE BY CONSTRUCTION VEHICLES SHALL BE REMOVED FROM THE PAVEMENTS AS DEEMED NECESSARY BY THE MUNICIPAL ENGINEER AND SHALL BE RETURNED TO THE SITE OR DISPOSED OF IN AN APPROVED MANNER.
 - INLET PROTECTION SHALL BE REMOVED AFTER THE SITE HAS BEEN PAVED AND ALL ISLANDS/GRASS AREAS HAVE BEEN MULCHED/SEEDED.
 - CONTRACTOR SHALL CLEAN ANY SEDIMENT THAT COLLECTS IN CHANNEL AND INLETS OR IS DEPOSITED ON-SITE PRIOR TO REMOVAL OF EROSION CONTROL MEASURES.
 - EROSION CONTROL DEVICES AS SHOWN ARE THE MINIMUM PROTECTION REQUIREMENTS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE SITE IS PERMANENTLY STABILIZED. THE CONTRACTOR IS REQUIRED TO INSTALL ADDITIONAL DEVICES FOR PROTECTION AT HIS EXPENSE TO MINIMIZE EROSION PER LOCAL REQUIREMENTS.
 - ALL EROSION CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A SIGNIFICANT RAINFALL. RECORDS OF THESE INSPECTIONS AND CORRECTIVE ACTIONS TAKEN SHALL BE MAINTAINED ON FILE IN THE CONSTRUCTION OFFICE.
 - CONTRACTOR SHALL PREVENT SEDIMENT FROM LEAVING THE SITE.
 - CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
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 - CONTRACTOR SHALL ESTABLISH PERMANENT SOIL STABILIZATION.
 - INLET PROTECTION SHALL BE AN INLET PROTECTOR MANUFACTURED BY MAR-MAC OR IPP INLET FILTER OR APPROVED EQUAL.
 - SOIL STOCKPILES GREATER THAN 10 CUBIC YARDS MUST BE LOCATED AT LEAST 25' FROM ROADWAYS, DRAINAGE CHANNELS, WETLANDS, ETC.
 - ALL RIP RAP TO BE MIN. 8" DIAMETER (DOT GRADATION 3).
 - SIDE SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET BY THE SITE CONTRACTOR. EROSION CONTROL BLANKET SHALL BE TYPE SC150, STRAW/FIBER EROSION CONTROL BLANKET AS MANUFACTURED BY NORTH AMERICAN GREEN COMPANY, OR AN ENGINEER APPROVED EQUAL.

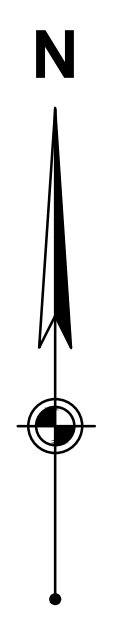
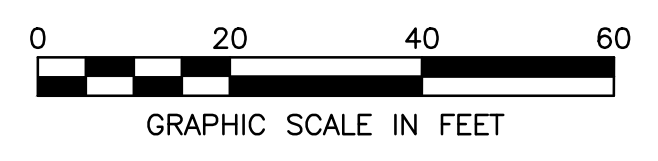
- ### SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES
- INSTALL PERIMETER SE/SC MEASURES SUCH AS SILT FENCE AND A STABILIZED CONSTRUCTION ENTRANCE.
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 - INSTALL CONCRETE AND ASPHALT PAVEMENT
 - REMOVE ALL TEMPORARY SE/SC MEASURES

AREA SUMMARY

TOTAL SITE AREA = 6.63 ACRES
 DISTURBED AREA = 5.99 ACRES

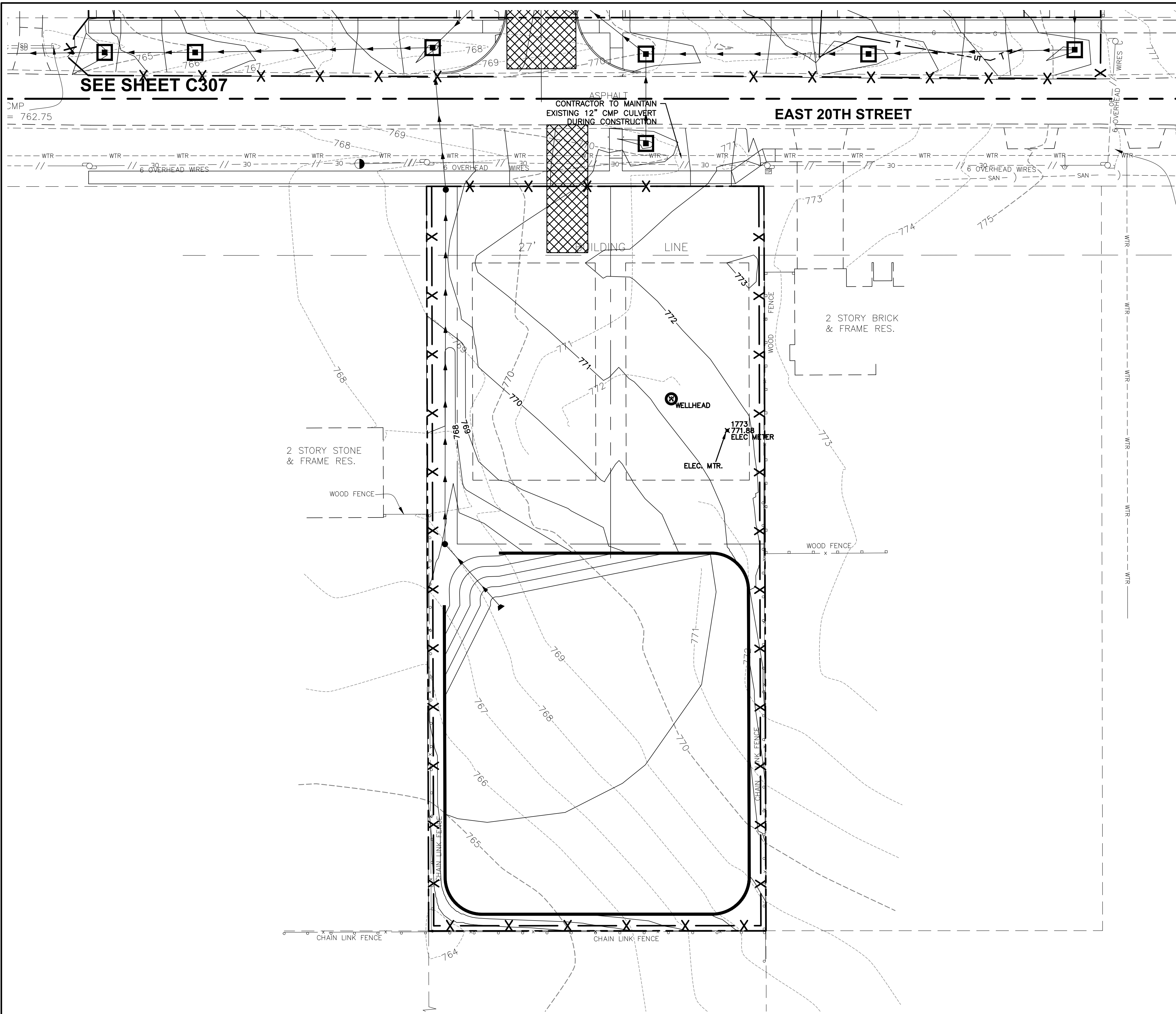
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 SEE DRAWING FOR LOCATION.
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<h2>EROSION CONTROL PLAN</h2>	<h2>SITE IMPROVEMENT PLANS NORBURY CROSSINGS</h2>						
20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE. LOMBARD, DUPAGE COUNTY, ILLINOIS							
<p>WOOLPERT ARCHITECTURAL ENGINEERING (CORPORATE)</p>	1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.495.3731						
PROJECT No: 080220 DATE: 01/17/20 DES: JL DR: DH CKD: JG	REVISION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>DATE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	DATE	REVISION			
No.	DATE	REVISION					
SHEET NO. C307							

Layout Tab Name: C308 EROSION CONTROL PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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EROSION CONTROL LEGEND

- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY CONSTRUCTION ENTRANCE
- INLET PROTECTION
- CURB INLET PROTECTION
- RIP RAP (SEE DETAIL)
- DITCH CHECK

EROSION CONTROL NOTES

1. SOIL TRACKED OFF-SITE BY CONSTRUCTION VEHICLES SHALL BE REMOVED FROM THE PAVEMENTS AS DEEMED NECESSARY BY THE MUNICIPAL ENGINEER AND SHALL BE RETURNED TO THE SITE OR DISPOSED OF IN AN APPROVED MANNER.
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11. SOIL STOCKPILES GREATER THAN 10 CUBIC YARDS MUST BE LOCATED AT LEAST 25' FROM ROADWAYS, DRAINAGE CHANNELS, WETLANDS, ETC.
12. ALL RIP RAP TO BE MIN. 8" DIAMETER (DOT GRADATION 3).
13. SIDE SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET BY THE SITE CONTRACTOR. EROSION CONTROL BLANKET SHALL BE TYPE SC150, STRAW/FIBER EROSION CONTROL BLANKET AS MANUFACTURED BY NORTH AMERICAN GREEN COMPANY, OR AN ENGINEER APPROVED EQUAL.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

1. INSTALL PERIMETER SE/SC MEASURES SUCH AS SILT FENCE AND A STABILIZED CONSTRUCTION ENTRANCE.
2. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. MAINTENANCE FOR SE/SC MEASURES MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 0.5-INCH OR GREATER RAINFALL EVENT.
3. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET AND OUTLET PROTECTION (SEE DETAIL)
4. PERMANENTLY STABILIZE DETENTION BASINS WITH SEED AND EROSION CONTROL BLANKET
5. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
6. INSTALL CONCRETE AND ASPHALT PAVEMENT
7. REMOVE ALL TEMPORARY SE/SC MEASURES

AREA SUMMARY

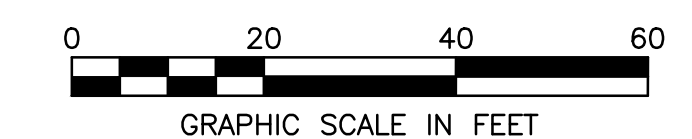
TOTAL SITE AREA = 6.63 ACRES
 DISTURBED AREA = 5.99 ACRES

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



REVISION	No.	DATE

PROJECT No: 080220
 DATE: 01/17/20
 DES: JL
 DR: DH
 CKD: JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.485.3731

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

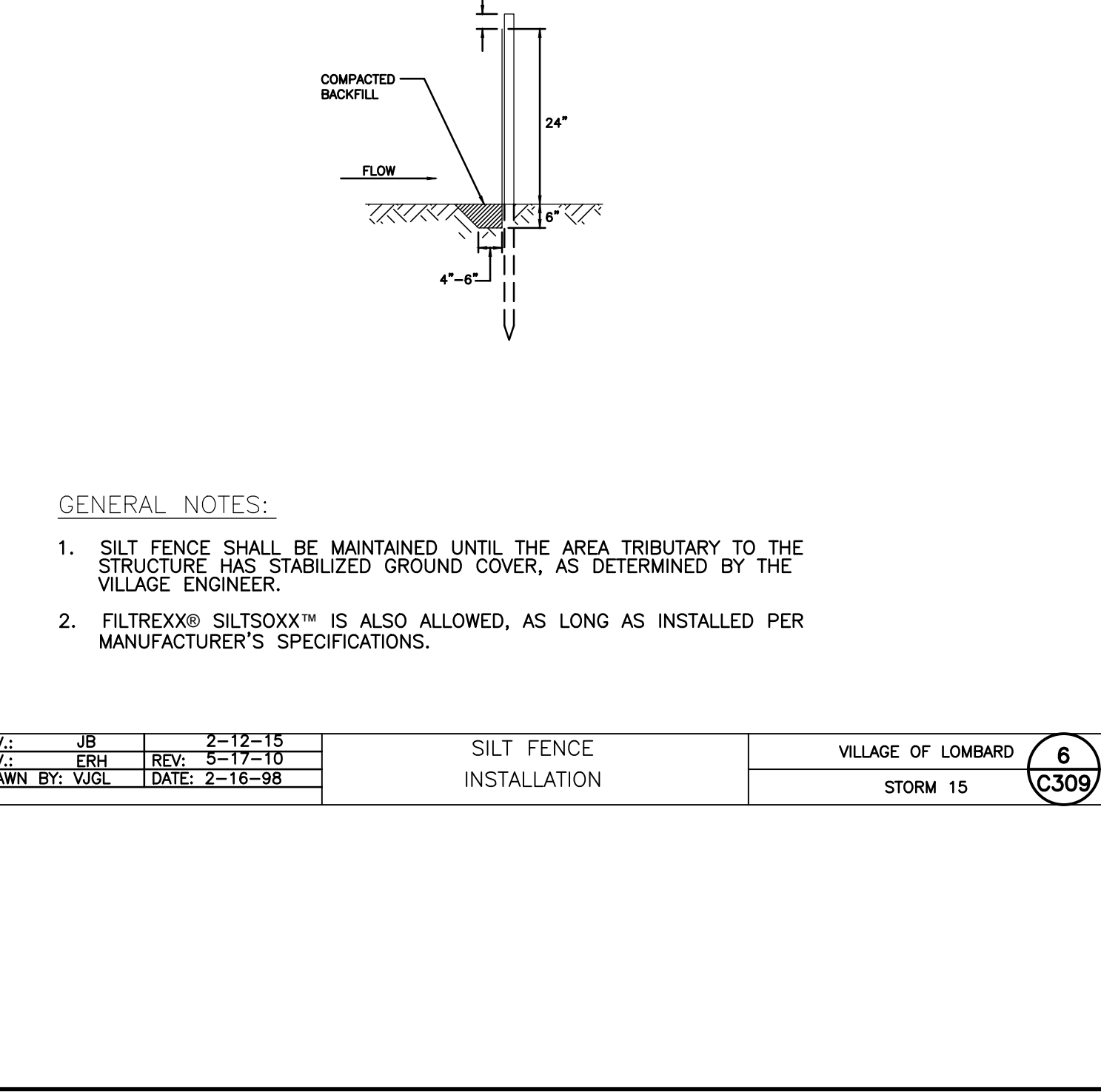
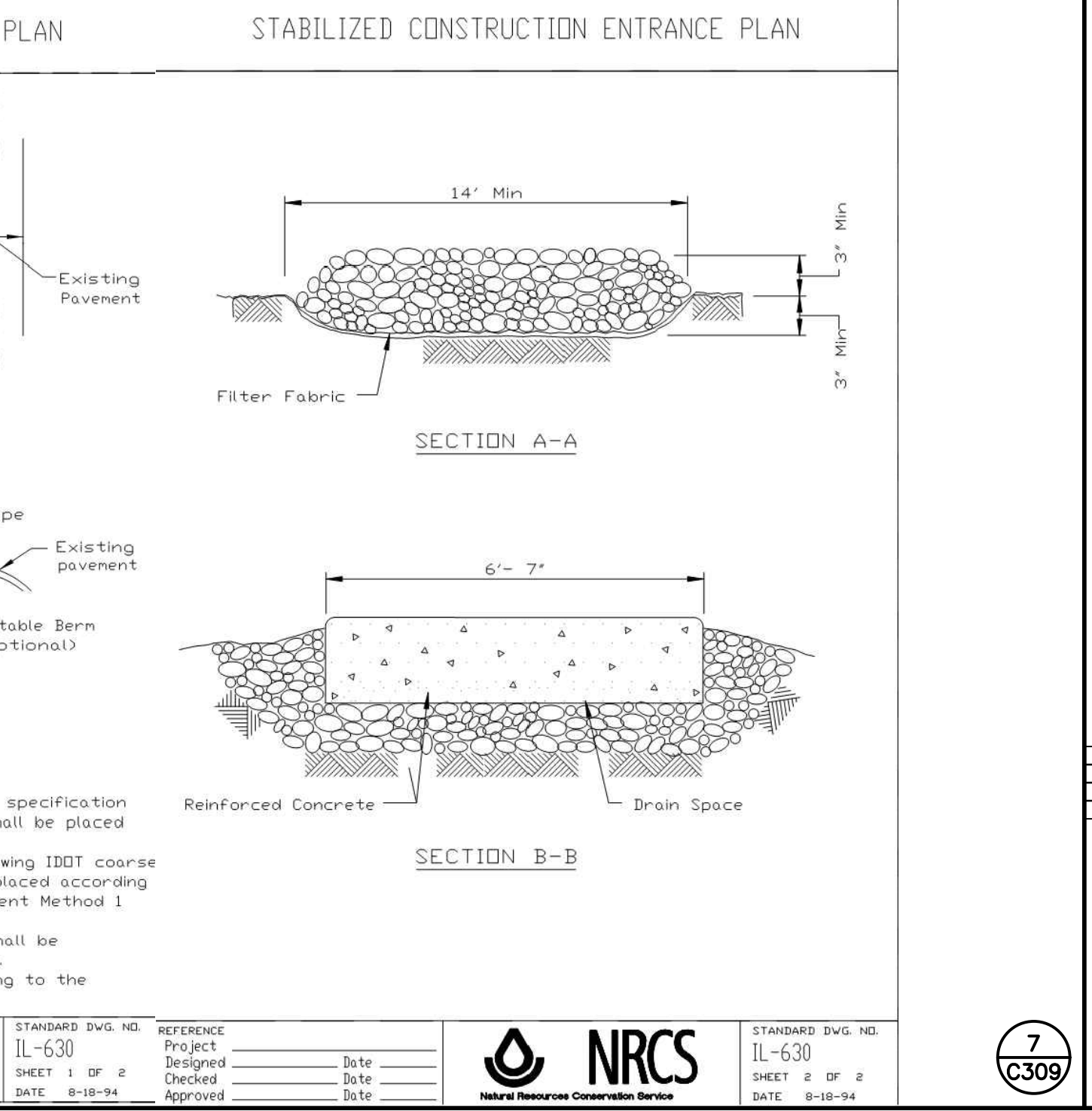
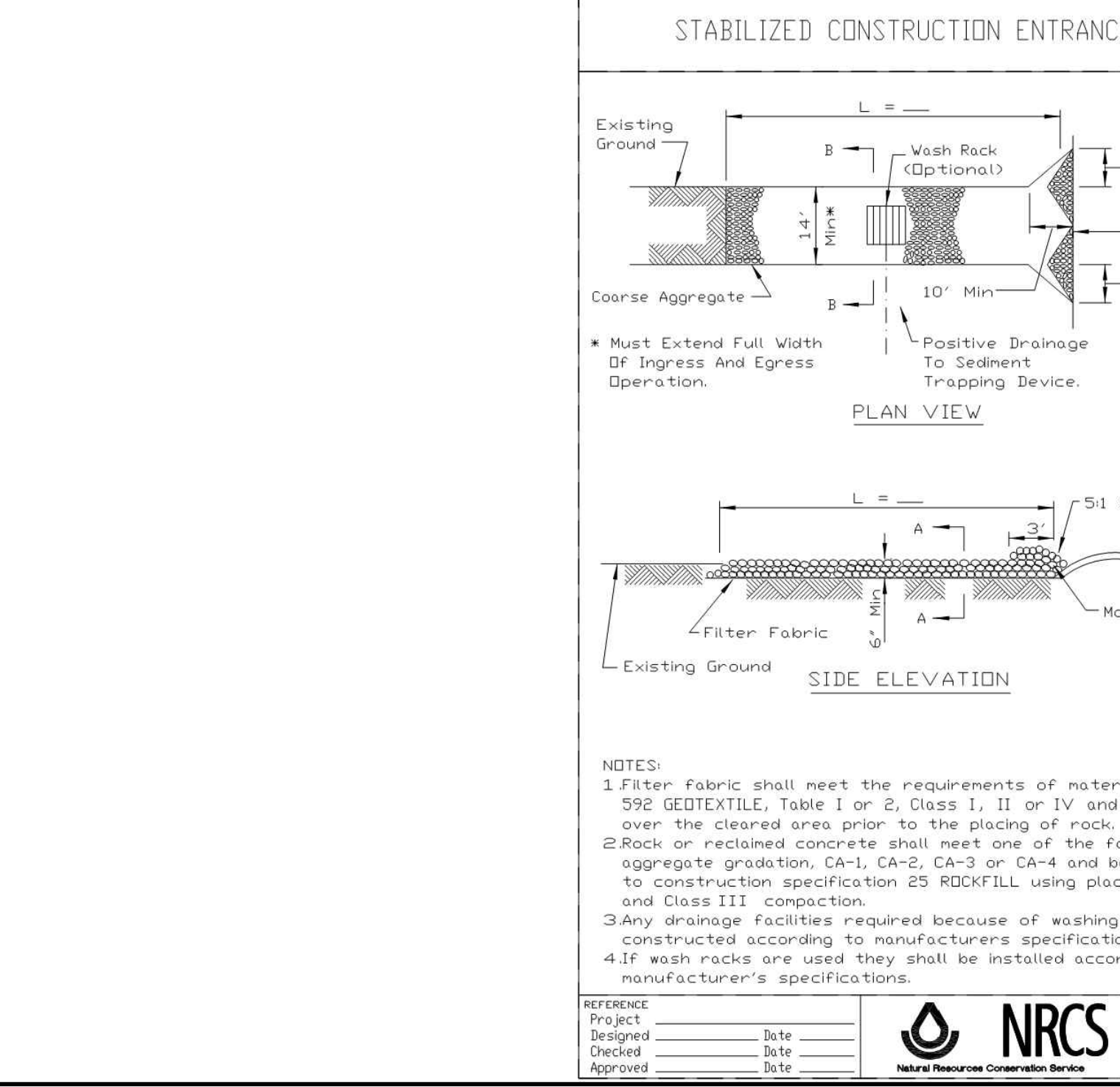
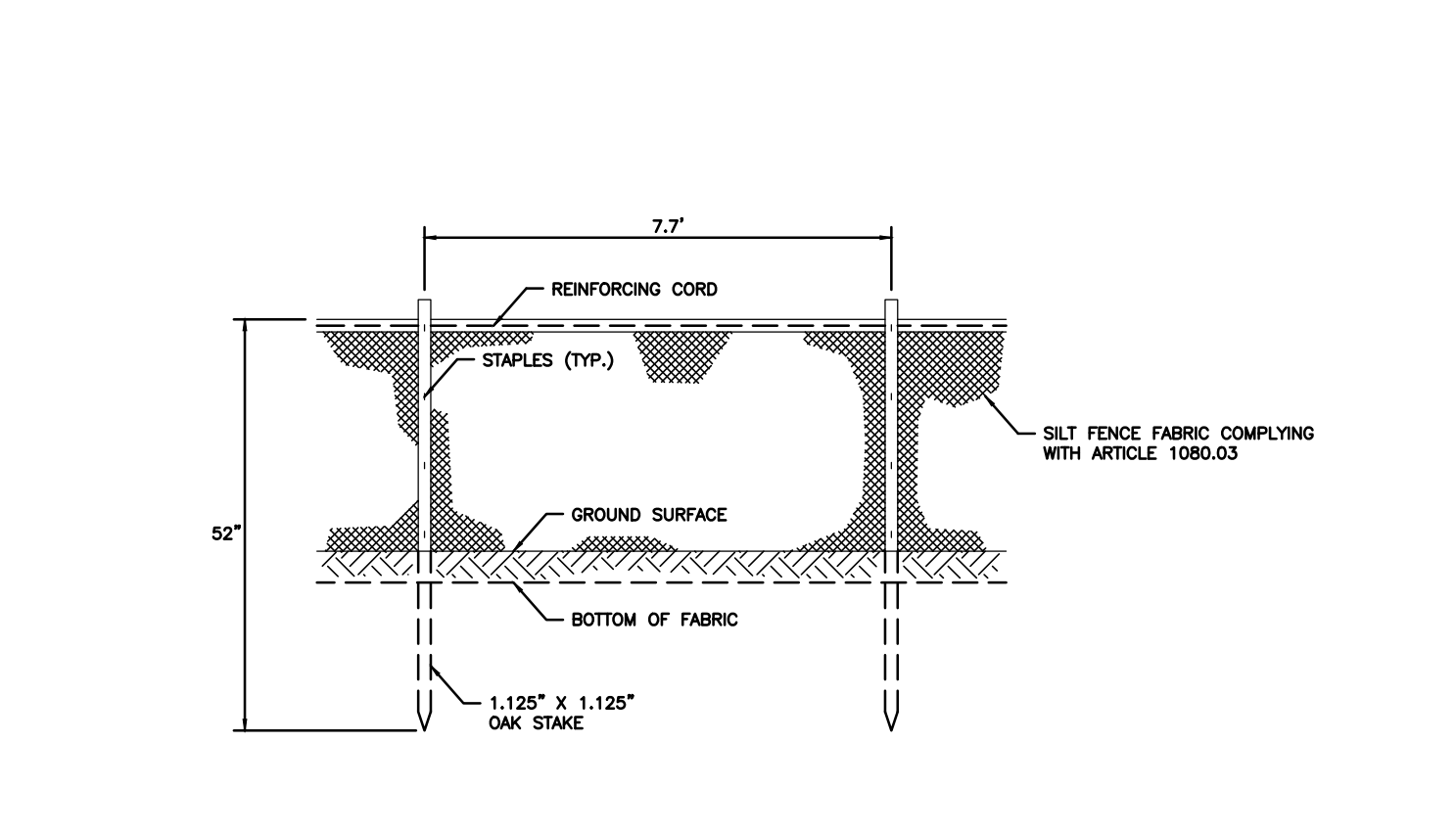
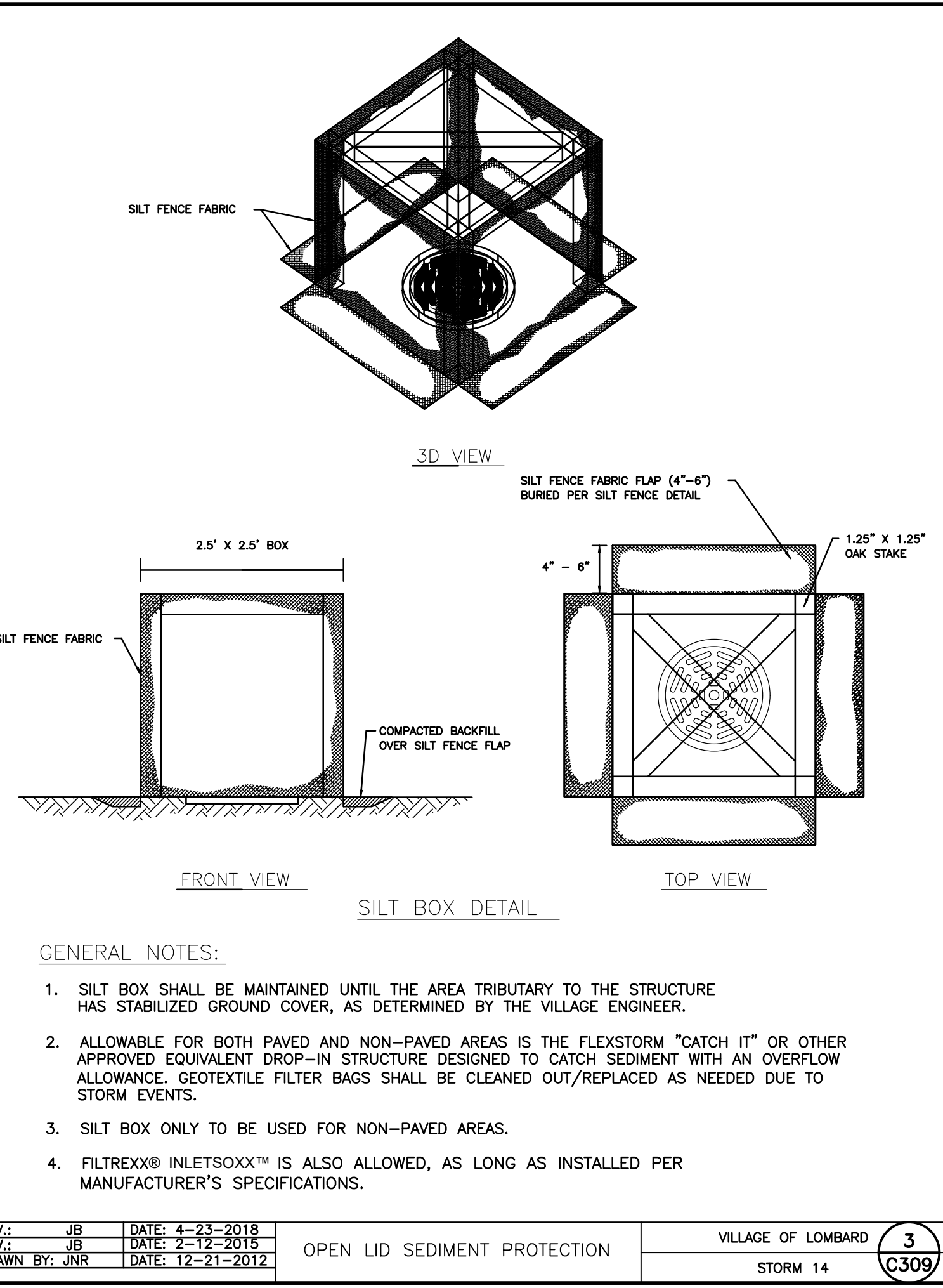
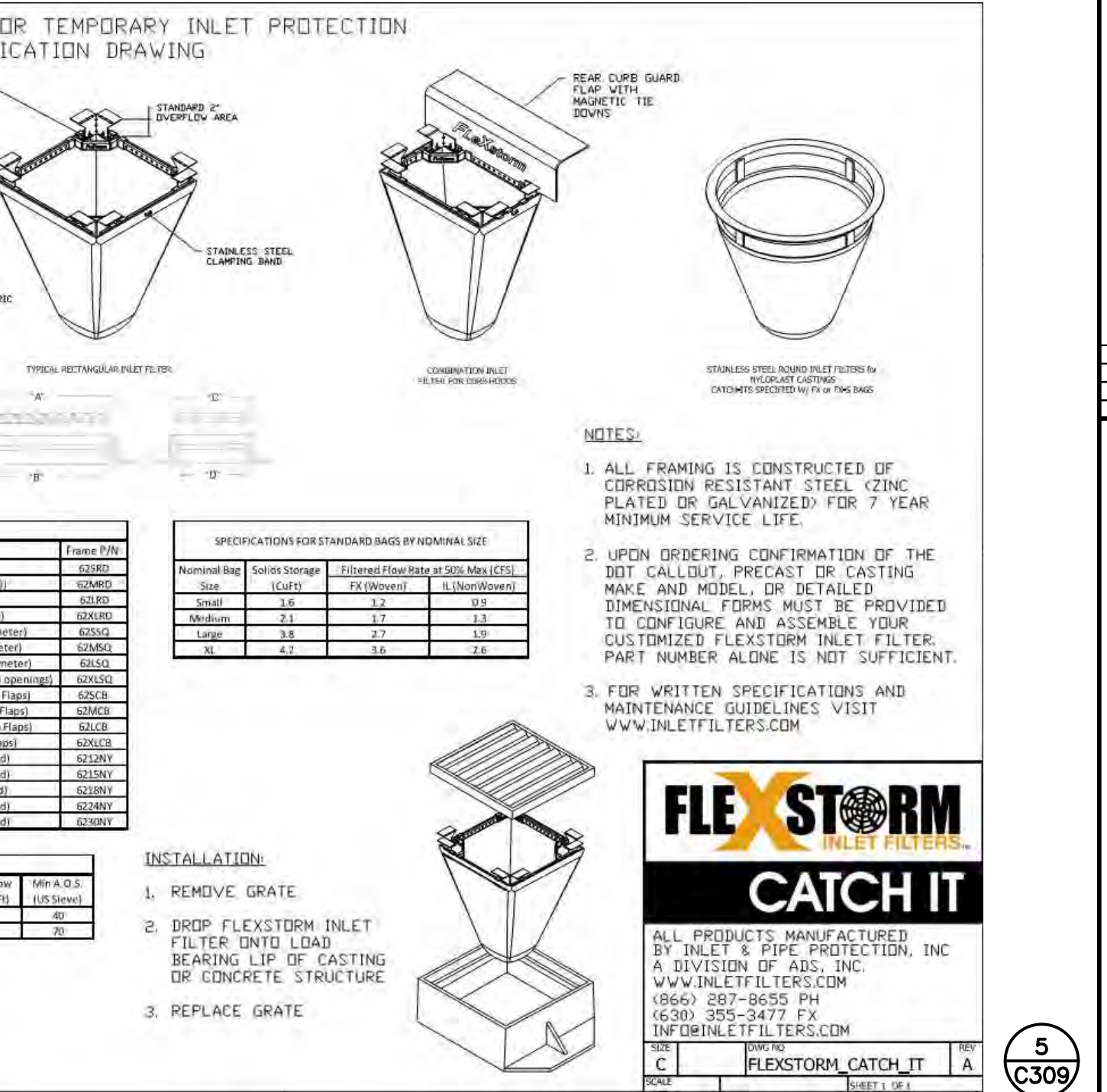
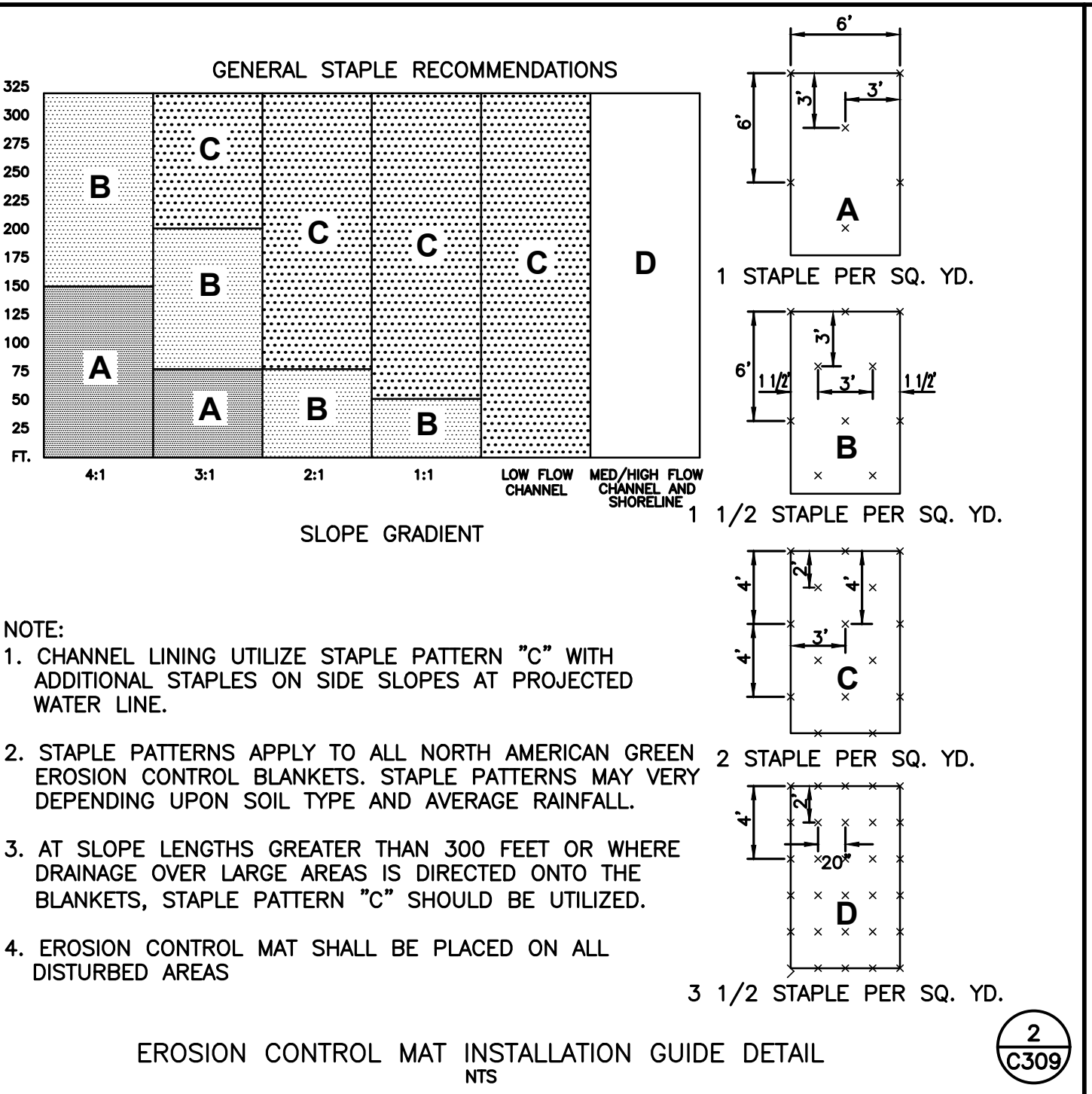
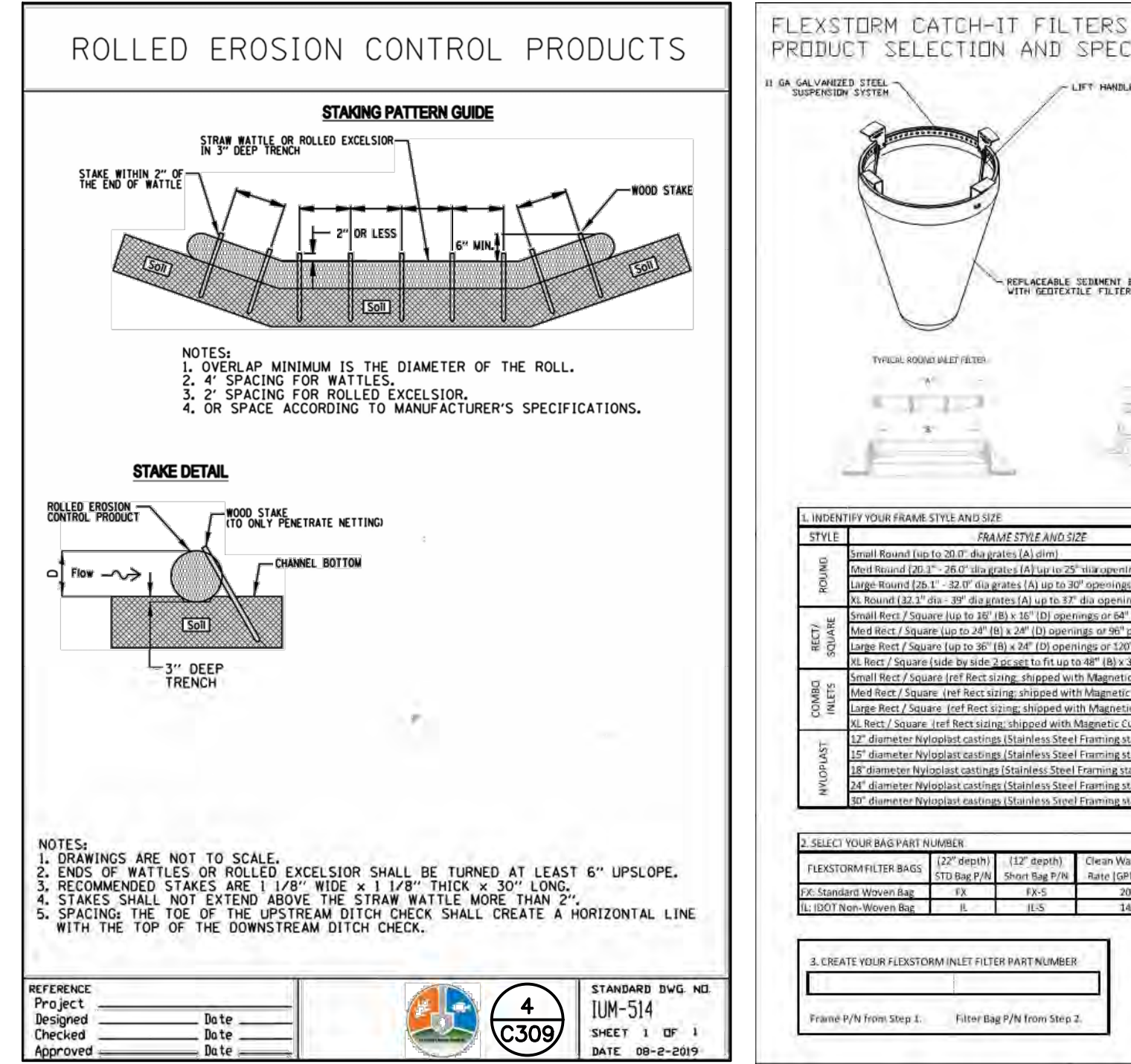
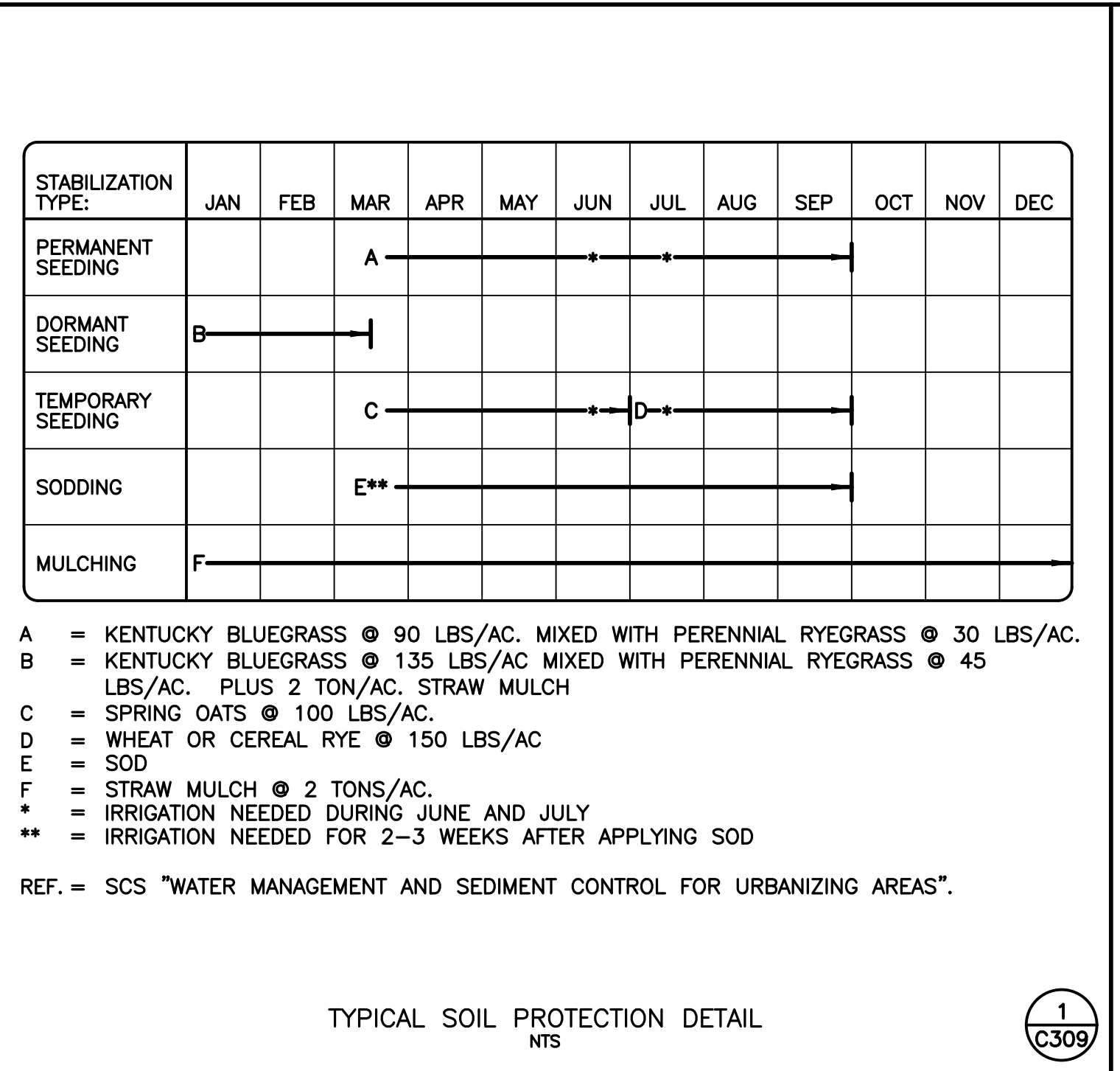
EROSION CONTROL PLAN

SHEET NO.

C308

EROSION CONTROL REQUIREMENTS FOR COMPLIANCE WITH EPA'S GENERAL PERMIT FOR CONSTRUCTION

- THE EROSION CONTROL MEASURES INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN (GRADING/EROSION CONTROL PLAN AND EROSION CONTROL DETAILS) SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE, STRAW BALES, SEDIMENT BASINS, ETC. AS SHOWN ON THIS PLAN. IF SHOWN ON THESE PLANS, ENERGY-DISSIPATION DEVICES OR EROSION CONTROL AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL.
- THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
- PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION. SEDIMENT SHALL BE REMOVED AT THE END OF EACH WORKDAY.
- ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH STRAW BALES, FILTER FABRIC, OR EQUIVALENT BARRIERS AS SHOWN ON THESE PLANS.
- EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN 14 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 7 DAYS AFTER FINAL GRADE IS ESTABLISHED.
- THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
- DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, 1987, AND THE STORMWATER POLLUTION PREVENTION PLAN FOR THIS PROJECT.
- ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH ILLINOIS ENVIRONMENTAL PROTECTION AGENCY NPDES PERMIT FOR GENERAL CONSTRUCTION AND ALL PRACTICES WILL MEET OR EXCEED THOSE DETAILED IN THE ILLINOIS URBAN MANUAL.
- EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL.
- ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF APPLICABLE NPDES PERMITS.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
- THIS EROSION CONTROL PLAN MUST BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.
- STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 21 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- ACCESS TO THE CONSTRUCTION SITE SHALL BE LIMITED TO THE STABILIZED CONSTRUCTION ENTRANCE ONLY.
- IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS OR BASINS.
- ANY SEDIMENT REACHING THE STORM SEWER SYSTEM SHALL BE REMOVED FROM THE SEWER AND NOT FLUSHED DOWNSTREAM.
- ANY ERODED SEDIMENT CAPTURED IN DETENTION, RETENTION, OR DEPRESSION STORAGE AREAS SHALL BE REMOVED BY THE APPLICANT BEFORE PROJECT COMPLETION.
- WIND EROSION AND CONTROLLING DUST ON THE PROJECT SITE SHALL BE ADDRESSED BY USING THE FOLLOWING METHODS (OR APPROVED EQUAL):
 - FREQUENT WATERING OF EXCAVATION AND FILL AREAS.
 - PROVIDE GRAVEL OR PAVING AT ENTRANCE/EXIT DRIVES, PARKING AREAS AND TRANSIT PATHS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- ALL STORM SEWER FRAMES AND GRATES/LIDS SHALL BE MARKED WITH "DUMP NO WASTE" AND "DRAINS TO CREEK".



REVISION
 No. DATE

PROJECT NO.: 080220
DATE: 01/17/20
DES.: JL
DR.: DH
CKD.: JG

NO.: 3
DATE: 4-23-2018
DESIGNED BY: JNR
CHECKED BY: JNR
DATE: 12-21-2012

VILLAGE OF LOMBARD
STORM 14

NO.: 3
DATE: 4-23-2018
DESIGNED BY: JNR
CHECKED BY: JNR
DATE: 12-21-2012

VILLAGE OF LOMBARD
STORM 15

NO.: 6
DATE: 2-12-15
DESIGNED BY: VGL
CHECKED BY: VGL
DATE: 2-16-98

VILLAGE OF LOMBARD
STORM 15

NO.: 7
DATE: 2-12-15
DESIGNED BY: VGL
CHECKED BY: VGL
DATE: 2-16-98

VILLAGE OF LOMBARD
STORM 15

SHEET NO.: C309

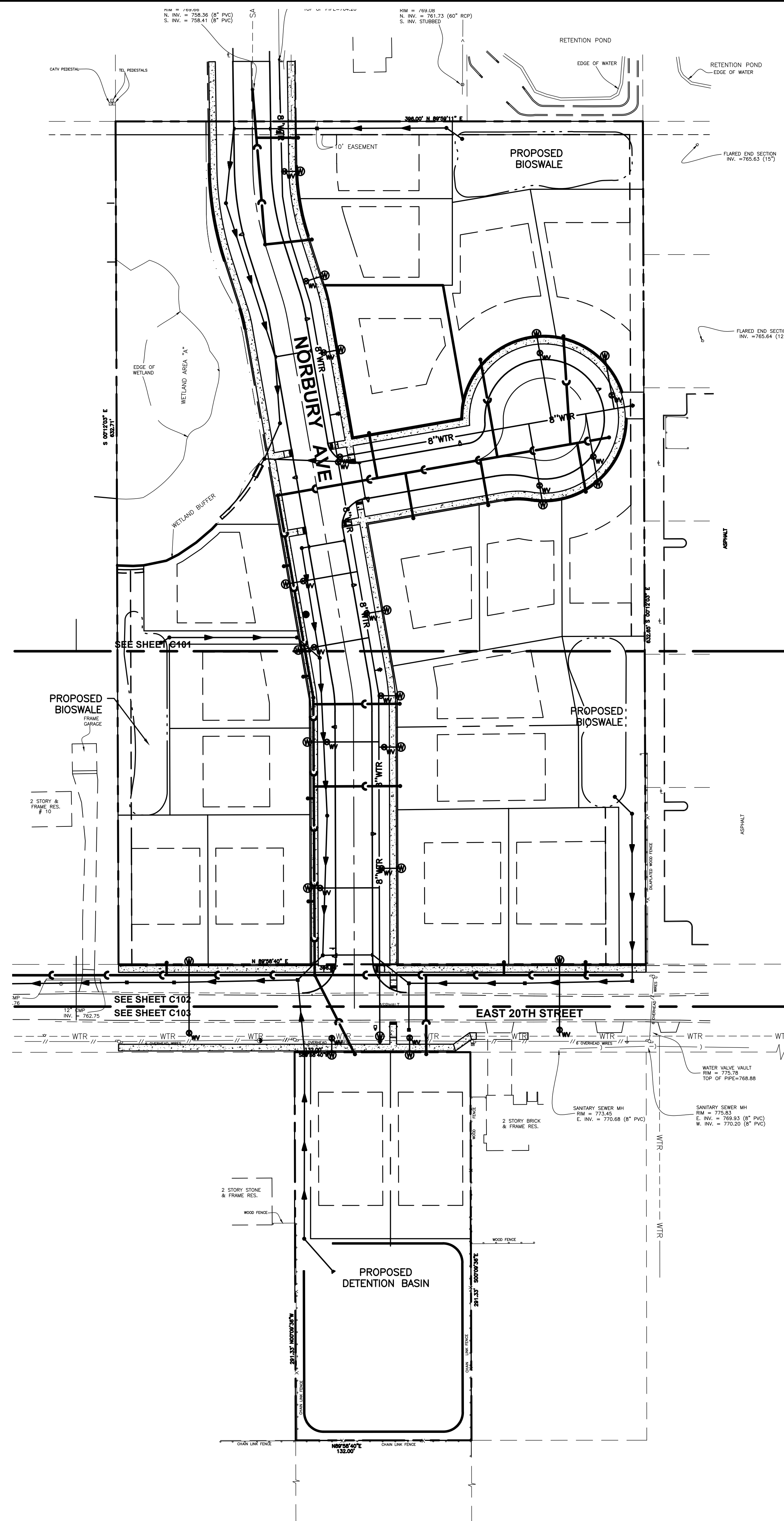
1815 South Meyers Road
Suite 950
Oakbrook Terrace, IL 60181
630.424.9080
FAX: 630.495.3731

WOOLPERT
AN ARCHITECTURAL ENGINEERING CORPORATION

20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
LOMBARD, DUPAGE COUNTY, ILLINOIS

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
EROSION CONTROL DETAILS

Layout Tab Name: C400 OVERALL UTILITY PLAN, Images: lombard aerial.jpg; . Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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UTILITY LEGEND

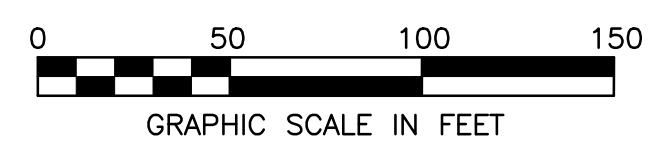
	PROPOSED BOUNDARY
	PROPOSED SANITARY SEWER
	PROPOSED STORM DRAIN
	PROPOSED WATER MAIN
	PROPOSED ELECTRIC
	PROPOSED OVERHEAD ELECTRIC
	PROPOSED GAS
	PROPOSED TELEPHONE
	PROPOSED OVERHEAD TELEPHONE
	PROPOSED CABLE
	PROPOSED FIBEROPTIC
	PROPOSED UNDERDRAIN
	CONSTRUCTION LIMITS

	PROPOSED CATCH BASIN
	PROPOSED CURB INLET
	PROPOSED MANHOLE
	PROPOSED FLARED END SECTION
	PROPOSED CLEAN OUT
	PROPOSED FIRE HYDRANT
	PROPOSED VALVE
	PROPOSED VALVE VAULT
	PROPOSED ELECTRICAL MANHOLE
	PROPOSED TELEPHONE MANHOLE
	PROPOSED WATER PROTECTION AREA
	LIGHT POLES

	INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
	PROPOSED SANITARY STRUCTURE CALLOUT
	PROPOSED STORM STRUCTURE CALLOUT
	PROPOSED WATER MAIN STRUCTURE CALLOUT
	PROPOSED UTILITY CROSSING CALLOUT



BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43
 THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



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 Suite 950
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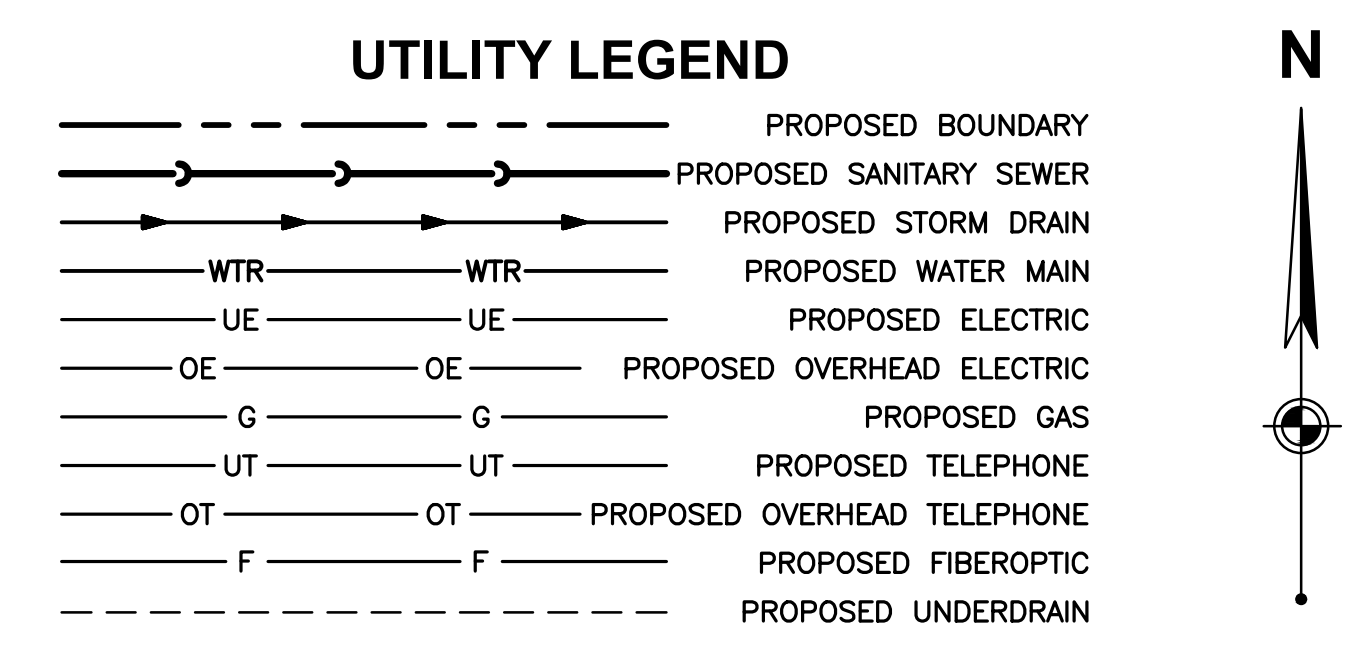
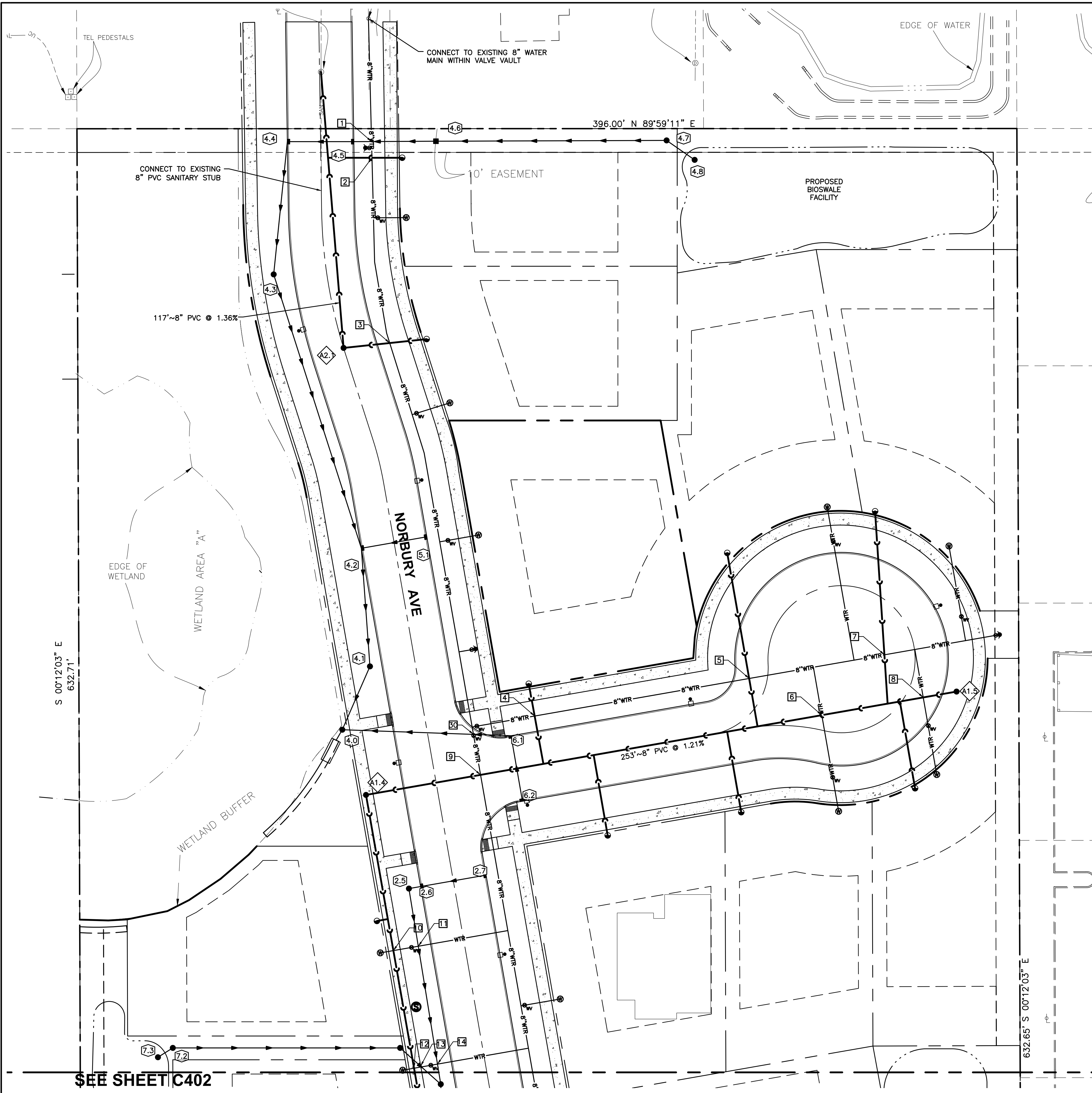
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

OVERALL UTILITY PLAN

SHEET NO. **C400**

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- ### UTILITY NOTES
- 2~4" SCHEDULE 40 PVC CONDUIT FOR LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR ELECTRIC SERVICE AND TRANSFORMER LOCATION.
 - CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR NATURAL GAS SERVICE.
 - 1~4" SCHEDULE 40 PVC CONDUIT FOR LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR TELEPHONE SERVICE.
 - ALL BUILDING SANITARY SERVICES TO BE 6" PVC SDR 26 AT 1.00% UNLESS OTHERWISE SPECIFIED.
 - ALL BUILDING WATER SERVICES TO BE 1" TYPE K COPPER.
 - A PERMIT IS REQUIRED FROM THE VILLAGE'S PUBLIC WORKS DEPARTMENT (630/620-5740) FOR ALL UTILITIES. THIS APPLIES TO ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, COMED, NICOR GAS, SBC, AND AT&T CABLE. IN THE PUBLIC RIGHT-OF-WAY, TO THE EXTENT POSSIBLE, SERVICES SHALL RUN PARALLEL AND PERPENDICULAR TO THE ROAD CENTERLINE (A DEVIATION OF FIVE DEGREES FROM PARALLEL AND PERPENDICULAR IS ALLOWED). A MINIMUM OF 10'-FEET HORIZONTAL SEPARATION SHALL BE GIVEN FROM THE VILLAGE'S WATER AND SEWER SERVICES.
 - BURIED ELECTRICAL CABLES (HIGH & LOW VOLTAGE) ON PRIVATE PROPERTY SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE. CONDUIT INSTALLED UNDER A ROADWAY SHALL BE RIGID GALVANIZED STEEL PIPE.
 - STREET LIGHT POLES THROUGHOUT SHALL BE SPUN ALUMINUM POLES WITH LED LUMINAIRES.

UTILITY CROSSINGS

FINISH GRADE = 769.41'	
1 12" STM	B/PIPE = 763.42
8" WTR	T/PIPE = 761.82
-1.60'	
FINISH GRADE = 767.73	
9 8" SAN	B/PIPE = 762.14
8" WTR	T/PIPE = 760.48
-1.66'	
FINISH GRADE = 770.56	
23 12" STM	B/PIPE = 766.35
8" WTR	T/PIPE = 764.38
-1.97'	
FINISH GRADE = 770.36	
24 8" WTR	B/PIPE = 763.63
8" SAN	T/PIPE = 760.34
-3.29'	
FINISH GRADE = 769.62	
29 16" EX. WTR	B/PIPE = 762.06
12" STM	T/PIPE = 761.42
-0.64' **	
* CONTRACTOR TO VERIFY EX. WATER LINE SIZE AND DEPTH	
FINISH GRADE = 767.05	
30 12" STM	B/PIPE = 763.62
8" WTR	T/PIPE = 760.20
-3.42'	

** PROVIDE WATER MAIN PROTECTION

ALL OTHER UTILITY CROSSINGS ARE CROSSING INDIVIDUAL SERVICE LINES, AND THEREFORE THERE IS NOT DATA FOR THE CROSSINGS AT THIS TIME. ALL SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM OF 18" OF CLEARANCE AT ALL CROSSINGS.

BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

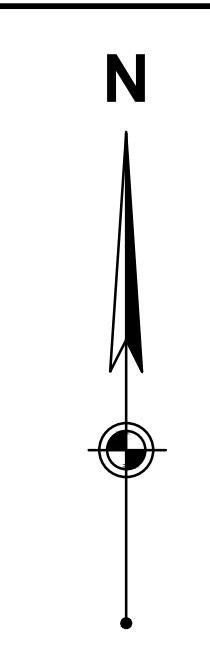
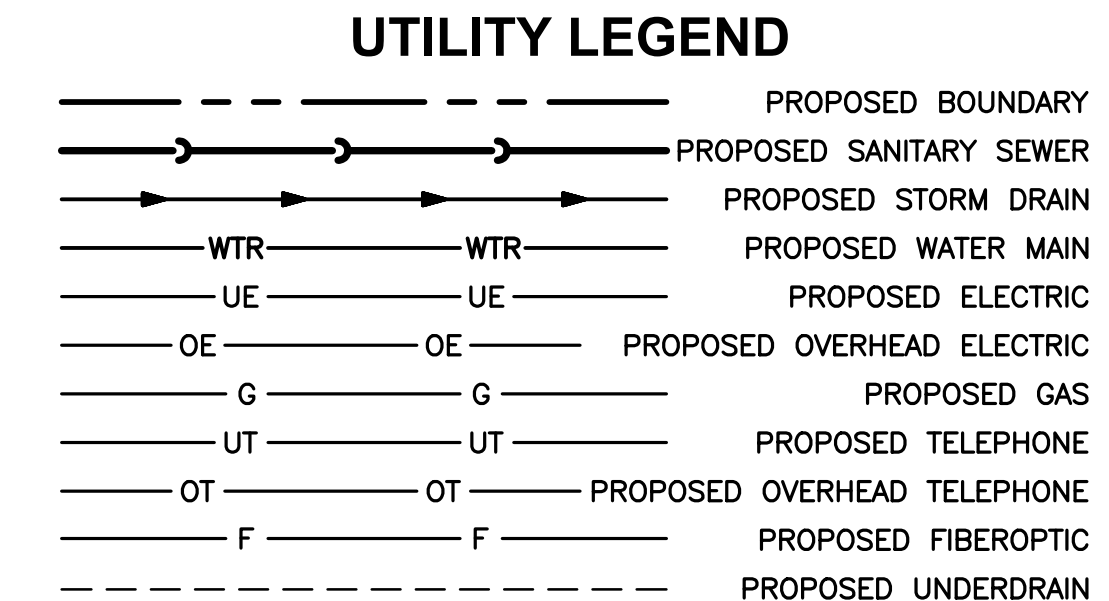
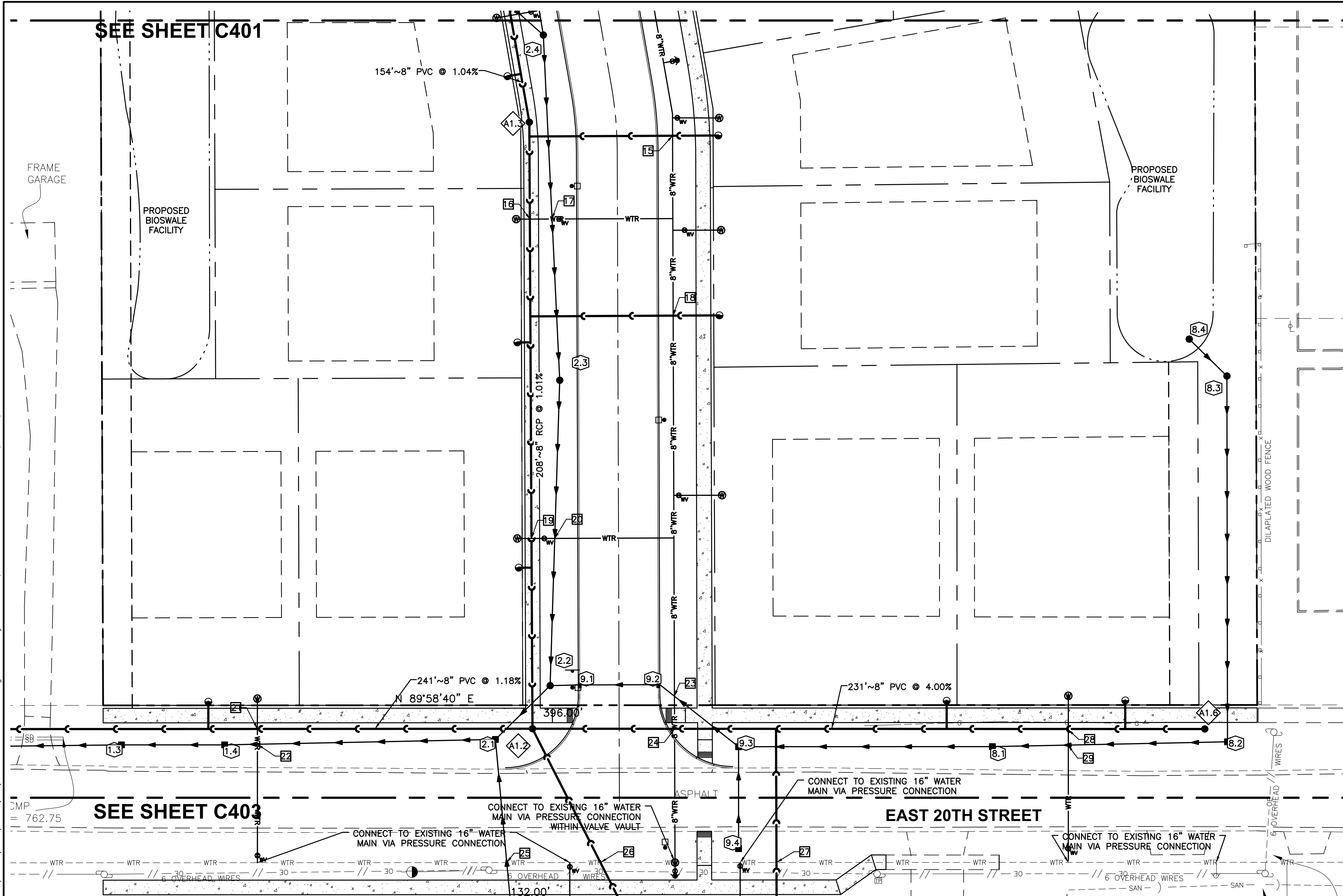
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REVISION	No.	DATE
PROJECT No:	080220	DATE 01/17/20
	DES. JL	DR. DH
	CKD. JG	
	1815 South Meyers Road	1815 South Meyers Road
	Suite 950	Suite 950
Oakbrook Terrace, IL 60181	Oakbrook Terrace, IL 60181	
630.424.9080	630.424.9080	
FAX: 630.495.3731	FAX: 630.495.3731	
WOOLPERT ARCHITECTURAL ENGINEERING (INCORPORATED)		
SITE IMPROVEMENT PLANS NORBURY CROSSINGS 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE. LOMBARD, DUPAGE COUNTY, ILLINOIS		
UTILITY PLAN		
SHEET NO. C401		

SEE SHEET C402

Layout Tab Name: C402 UTILITY PLAN, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentility_2d.dwg; 2017surveyrev4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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- ### UTILITY NOTES
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 - CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR NATURAL GAS SERVICE.
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 - STREET LIGHT POLES THROUGHOUT SHALL BE SPUN ALUMINUM POLES WITH LED LUMINAIRES.

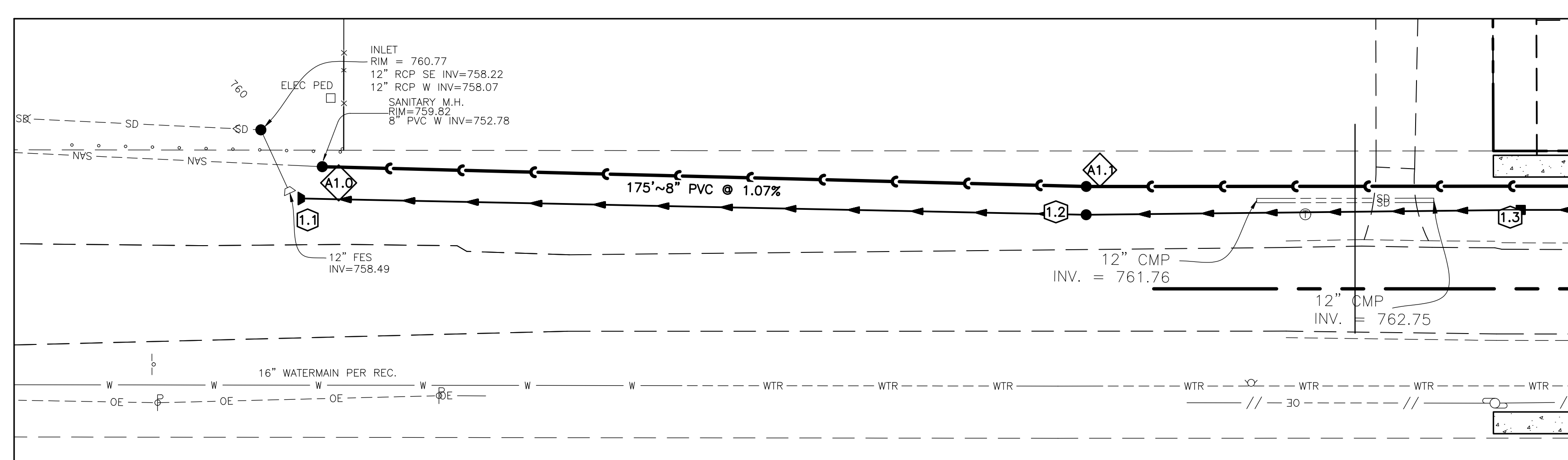
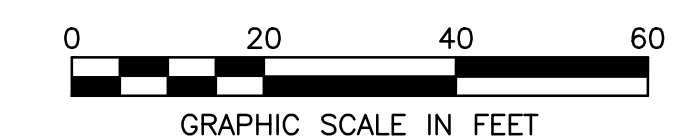
UTILITY CROSSINGS

1	FINISH GRADE = 769.41'
12" STM	B/PIPE = 763.42
8" WTR	T/PIPE = 761.82
	-1.60'
9	FINISH GRADE = 767.73
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* CONTRACTOR TO VERIFY EX. WATER LINE SIZE AND DEPTH	
26	FINISH GRADE = 767.05
12" STM	B/PIPE = 763.62
8" WTR	T/PIPE = 760.20
	-3.42'

** PROVIDE WATER MAIN PROTECTION

ALL OTHER UTILITY CROSSINGS ARE CROSSING INDIVIDUAL SERVICE LINES, AND THEREFORE THERE IS NOT DATA FOR THE CROSSINGS AT THIS TIME. ALL SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM OF 18" OF CLEARANCE AT ALL CROSSINGS.

BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43



No.	DATE	REVISION

PROJECT No: 080220
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 DR. DH
 CKD. JG

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 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731

WOOLPERT
 ARCHITECTURAL ENGINEERING (INCORPORATED)

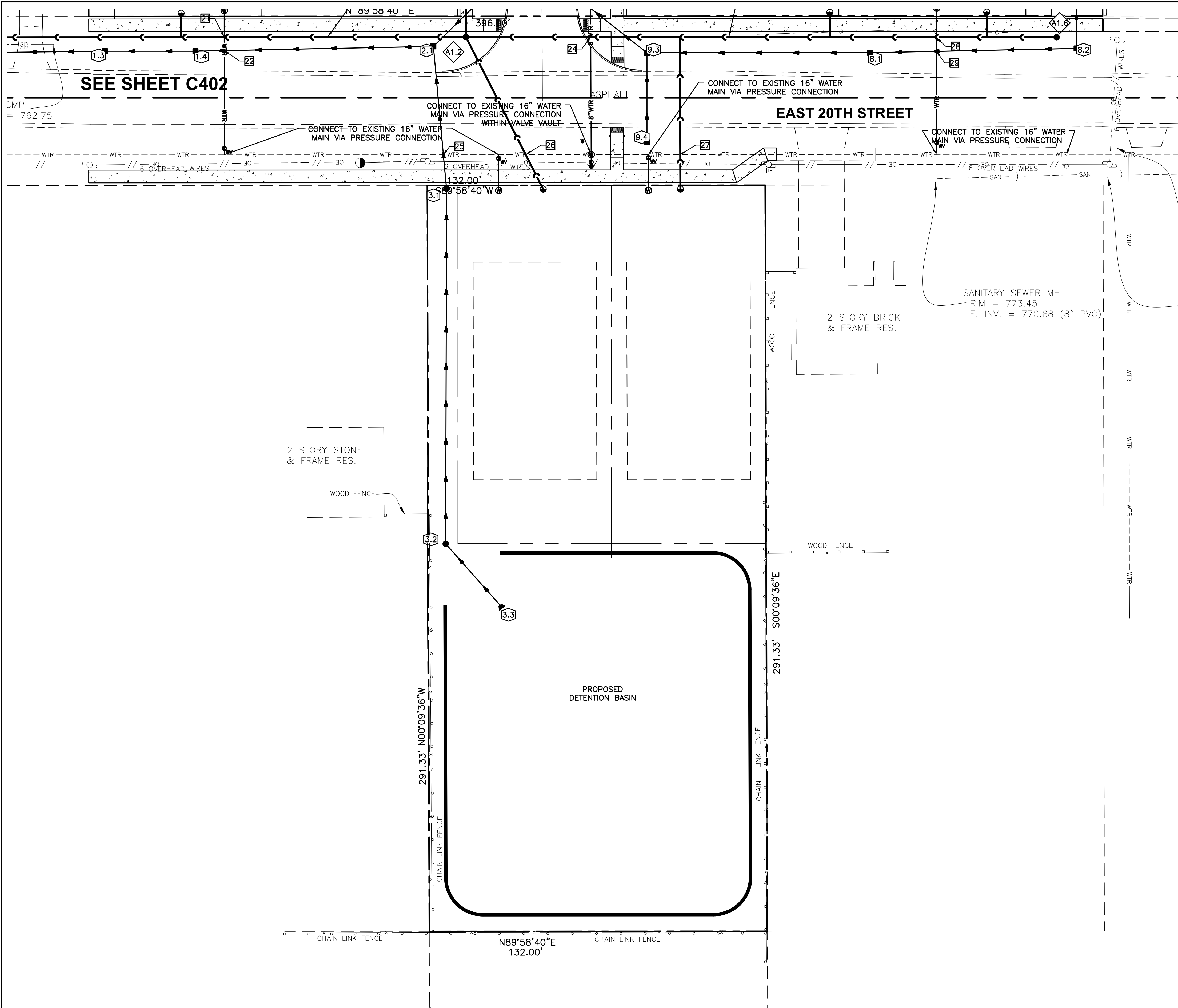
SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

UTILITY PLAN

SHEET NO. **C402**

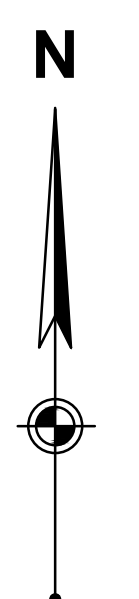


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UTILITY LEGEND

- PROPOSED BOUNDARY
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM DRAIN
 - WTR WTR PROPOSED WATER MAIN
 - UE UE PROPOSED ELECTRIC
 - OE OE PROPOSED OVERHEAD ELECTRIC
 - G G PROPOSED GAS
 - UT UT PROPOSED TELEPHONE
 - OT OT PROPOSED OVERHEAD TELEPHONE
 - F F PROPOSED FIBEROPTIC
 - PROPOSED UNDERDRAIN
-
- PROPOSED CATCH BASIN
 - PROPOSED CURB INLET
 - PROPOSED MANHOLE
 - ▶ PROPOSED FLARED END SECTION
 - PROPOSED CLEAN OUT
 - PROPOSED FIRE HYDRANT
 - ⊗ PROPOSED VALVE
 - ⊗ PROPOSED VALVE VAULT
 - ⊗ PROPOSED ELECTRICAL MANHOLE
 - ⊗ PROPOSED TELEPHONE MANHOLE
 - ▨ PROPOSED WATER PROTECTION AREA
 - □ □ LIGHT POLES
-
- ① INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
 - ▲ PROPOSED SANITARY STRUCTURE CALLOUT
 - ① PROPOSED STORM STRUCTURE CALLOUT
 - ① PROPOSED WATER MAIN STRUCTURE CALLOUT
 - ▲ PROPOSED UTILITY CROSSING CALLOUT



UTILITY NOTES

- 2~4" SCHEDULE 40 PVC CONDUIT FOR LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR ELECTRIC SERVICE AND TRANSFORMER LOCATION.
- CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR NATURAL GAS SERVICE.
- 1~4" SCHEDULE 40 PVC CONDUIT FOR LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR TELEPHONE SERVICE.
- ALL BUILDING SANITARY SERVICES TO BE 6" PVC SDR 26 AT 1.00% UNLESS OTHERWISE SPECIFIED.
- ALL BUILDING WATER SERVICES TO BE 1" TYPE K COPPER.
- A PERMIT IS REQUIRED FROM THE VILLAGE'S PUBLIC WORKS DEPARTMENT (630/620-5740) FOR ALL UTILITIES. THIS APPLIES TO ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, COMED, NICOR GAS, SBC, AND AT&T CABLE. IN THE PUBLIC RIGHT-OF-WAY, TO THE EXTENT POSSIBLE, SERVICES SHALL RUN PARALLEL AND PERPENDICULAR TO THE ROAD CENTERLINE (A DEVIATION OF FIVE DEGREES FROM PARALLEL AND PERPENDICULAR IS ALLOWED). A MINIMUM OF 10-FOOT HORIZONTAL SEPARATION SHALL BE GIVEN FROM THE VILLAGE'S WATER AND SEWER SERVICES.
- BURIED ELECTRICAL CABLES (HIGH & LOW VOLTAGE) ON PRIVATE PROPERTY SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE. CONDUIT INSTALLED UNDER A ROADWAY SHALL BE RIGID GALVANIZED STEEL PIPE.
- STREET LIGHT POLES THROUGHOUT SHALL BE SPUN ALUMINUM POLES WITH LED LUMINAIRES.

UTILITY CROSSINGS

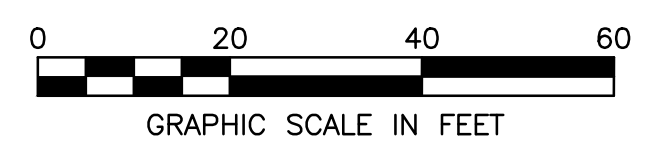
- FINISH GRADE = 769.41'
 ① 12" STM B/PIPE = 763.42 T/PIPE = 761.82]-1.60'
 8" WTR
- FINISH GRADE = 767.73
 ⑨ 8" SAN B/PIPE = 762.14 T/PIPE = 760.48]-1.66'
 8" WTR
- FINISH GRADE = 770.56
 ⑩ 12" STM B/PIPE = 766.35 T/PIPE = 764.38]-1.97'
 8" WTR
- FINISH GRADE = 770.36
 ⑪ 8" WTR B/PIPE = 763.63 T/PIPE = 760.34]-3.29'
 8" SAN
- FINISH GRADE = 769.62
 ⑫ 16" EX. WTR B/PIPE = 762.06 T/PIPE = 761.42]-0.64' **
 12" STM
- FINISH GRADE = 767.05
 ⑬ 12" STM B/PIPE = 763.62 T/PIPE = 760.20]-3.42'
 8" WTR

** PROVIDE WATER MAIN PROTECTION
 ALL OTHER UTILITY CROSSINGS ARE CROSSING INDIVIDUAL SERVICE LINES, AND THEREFORE THERE IS NOT DATA FOR THE CROSSINGS AT THIS TIME. ALL SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM OF 18" OF CLEARANCE AT ALL CROSSINGS.

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED FEBRUARY 3, 2017.



No.	REVISION	DATE

PROJECT No: 080220
 DATE: 01/17/20
 DES. JL
 DR. DH
 CKD. JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.485.3731

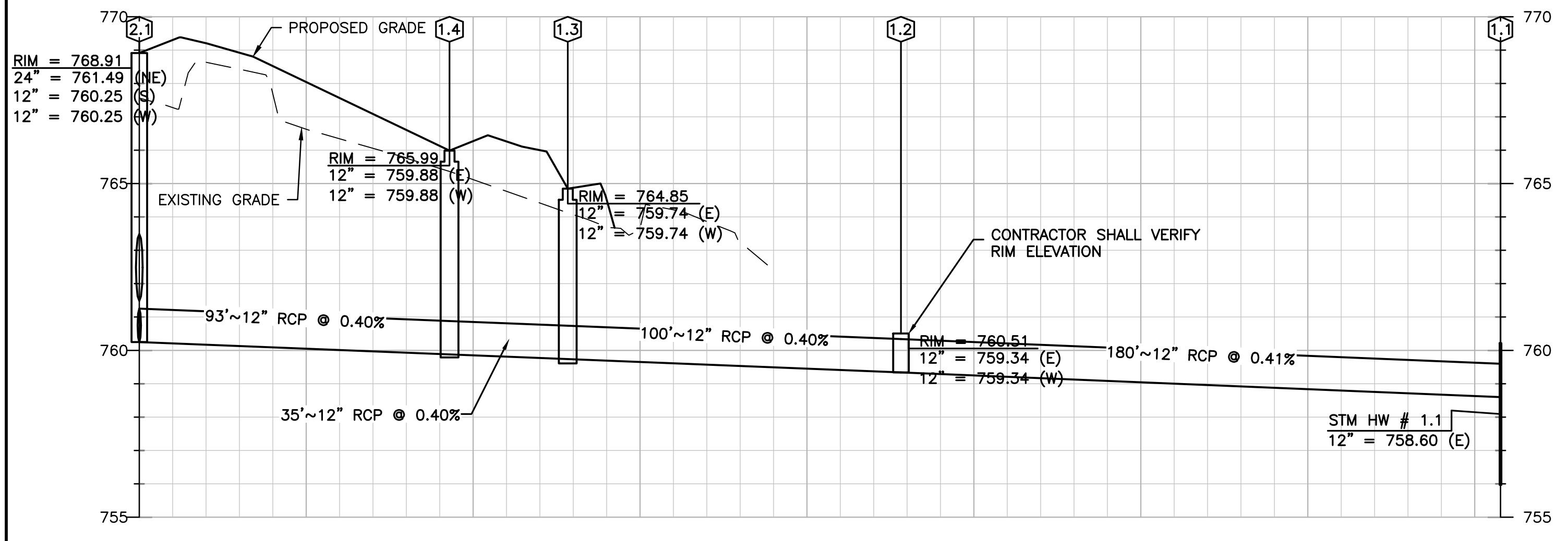
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

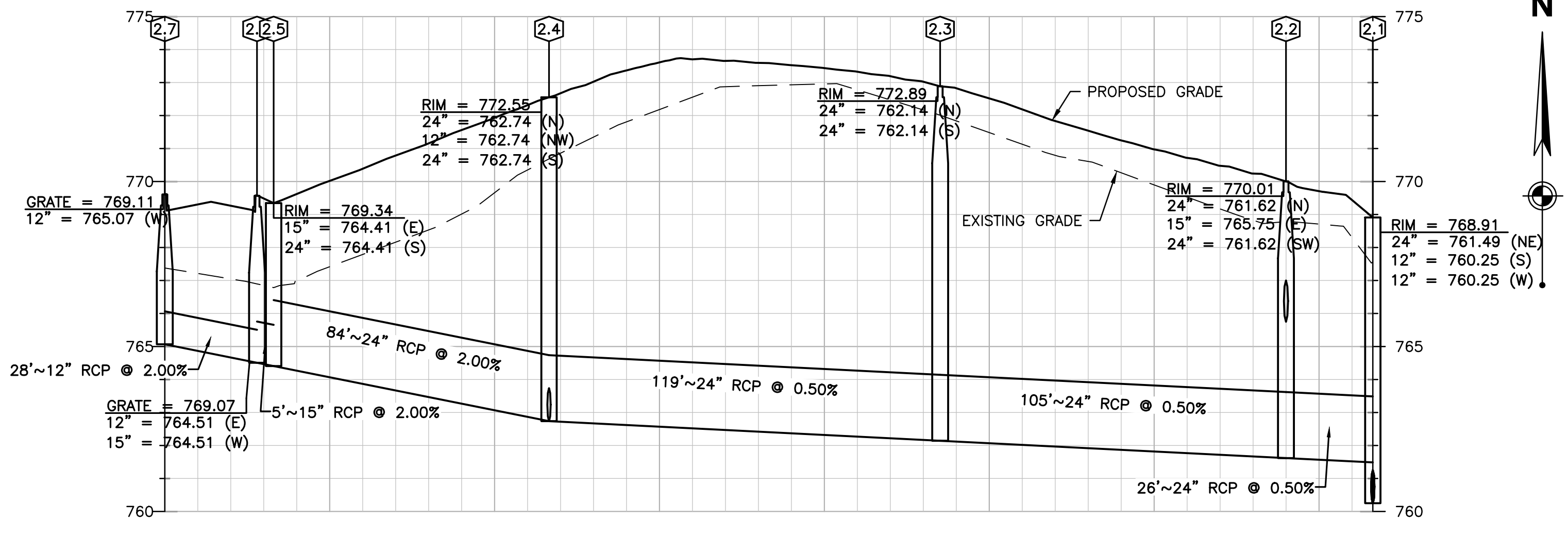
UTILITY PLAN

SHEET NO. **C403**

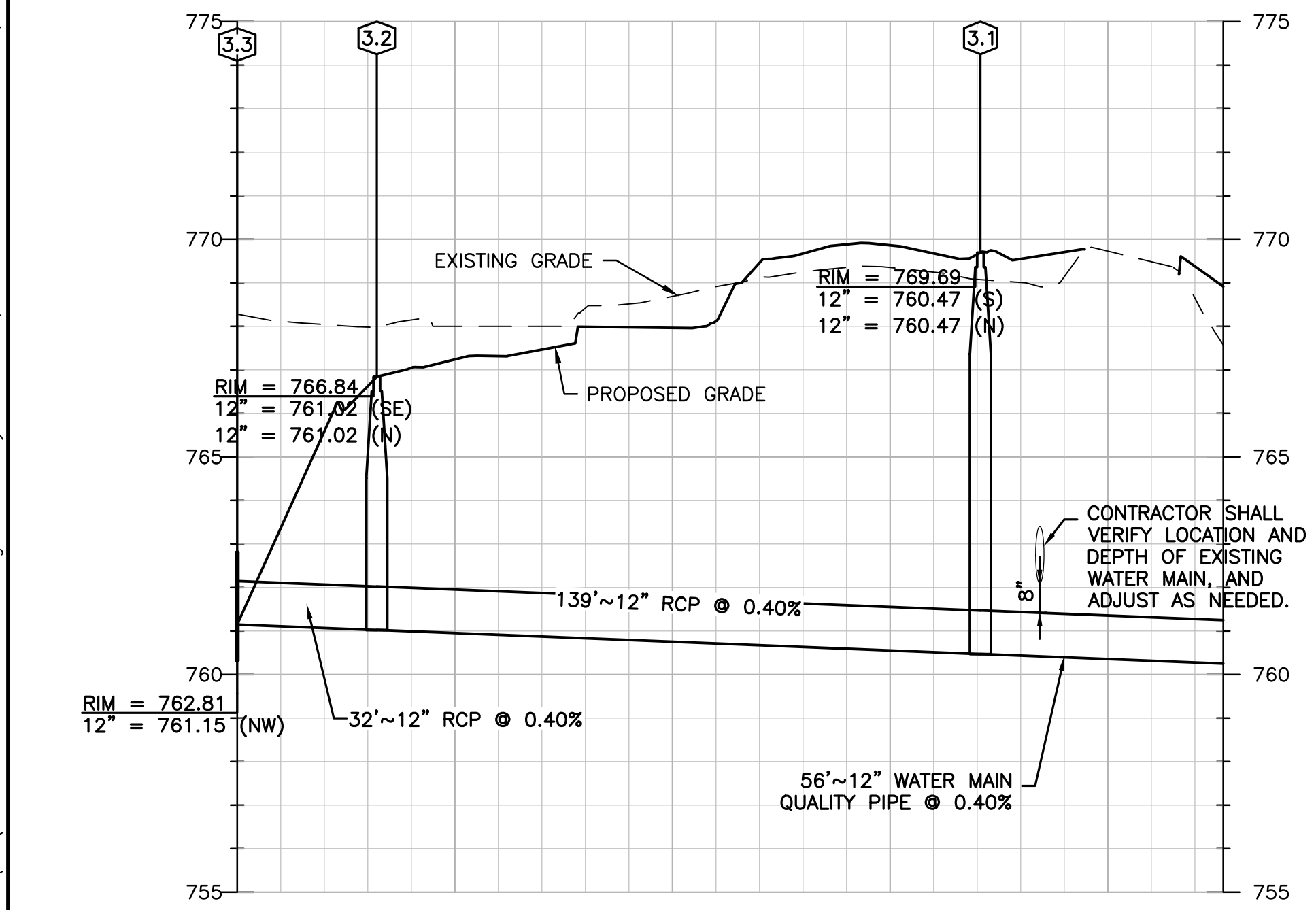
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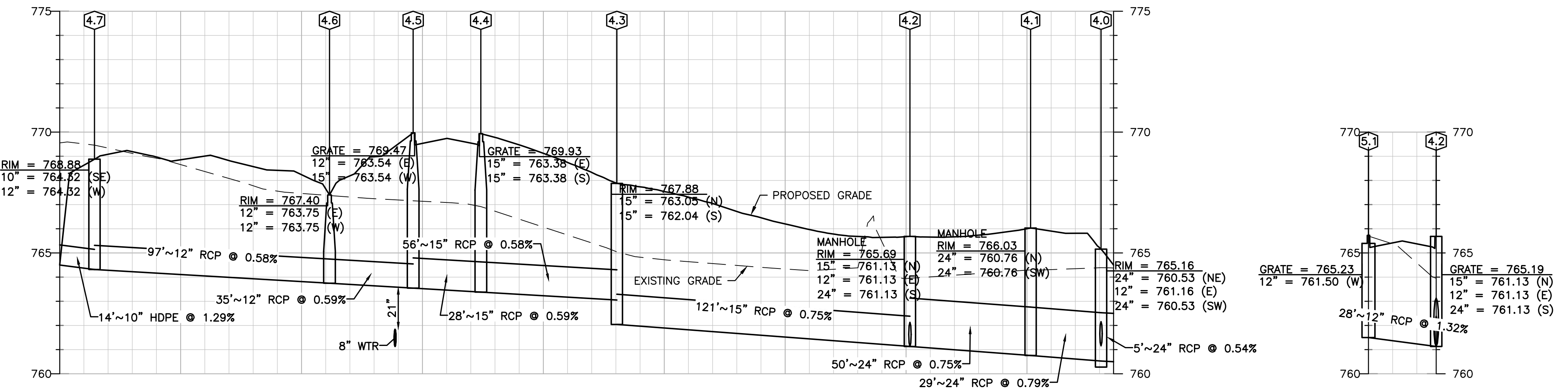
STORM 1



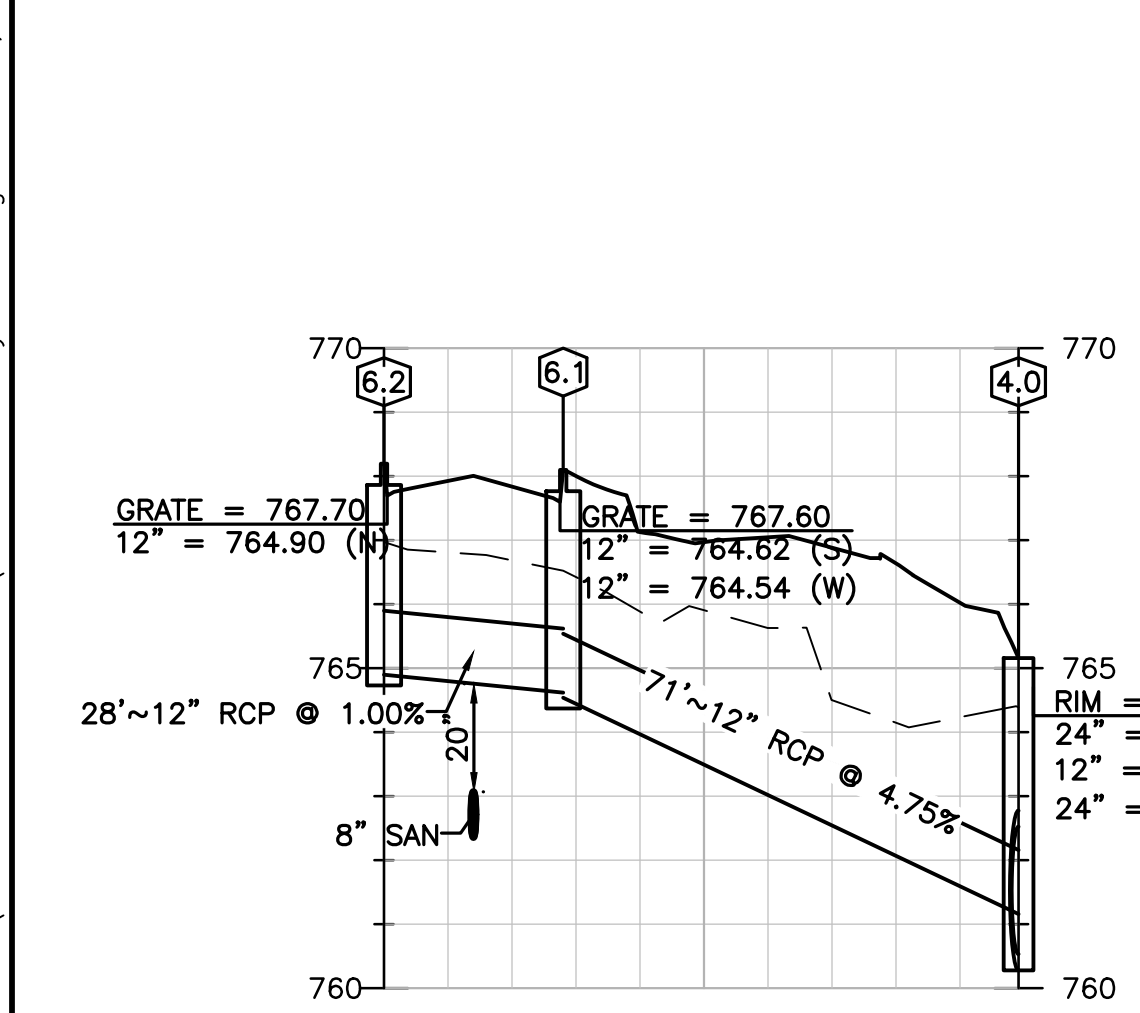
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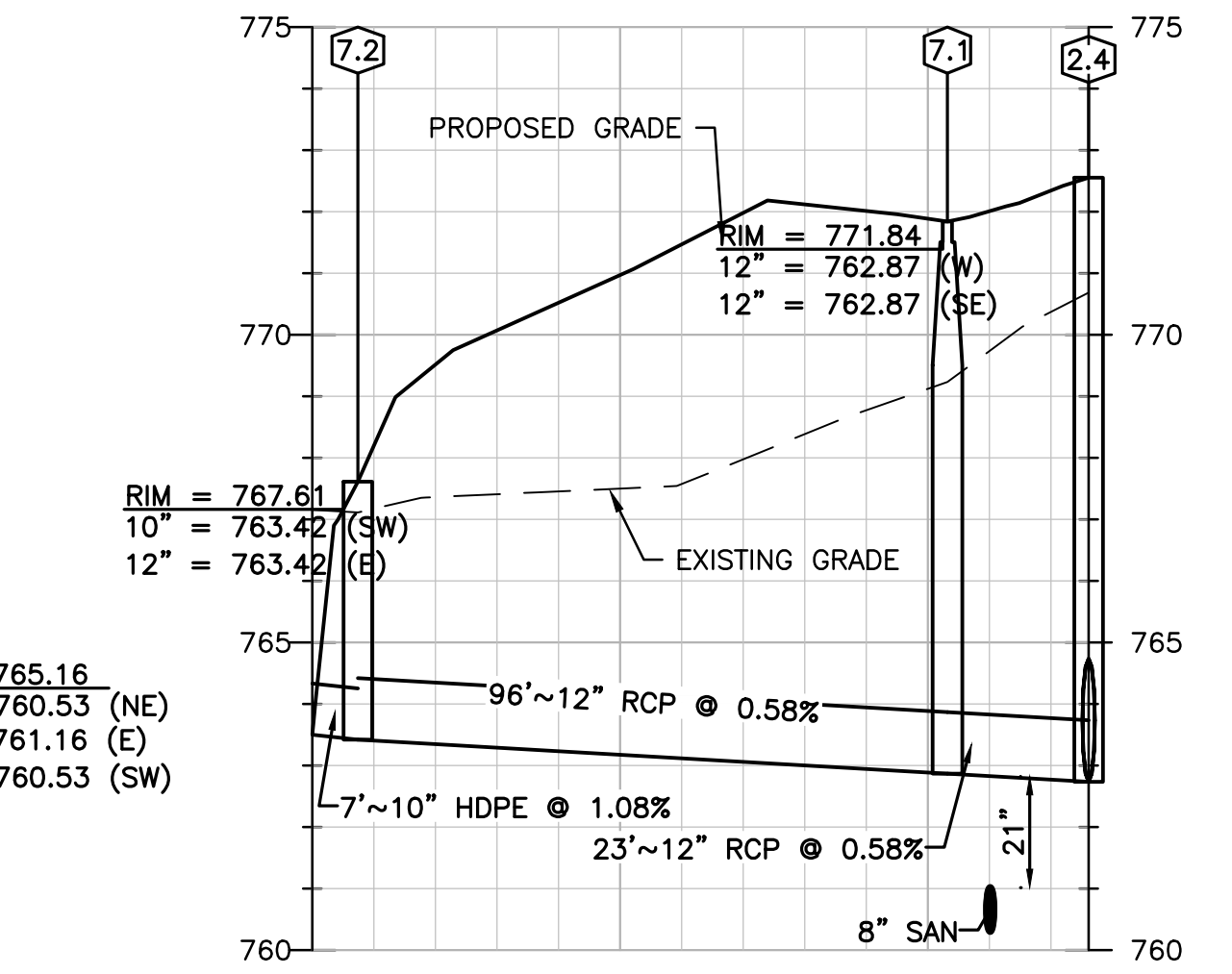
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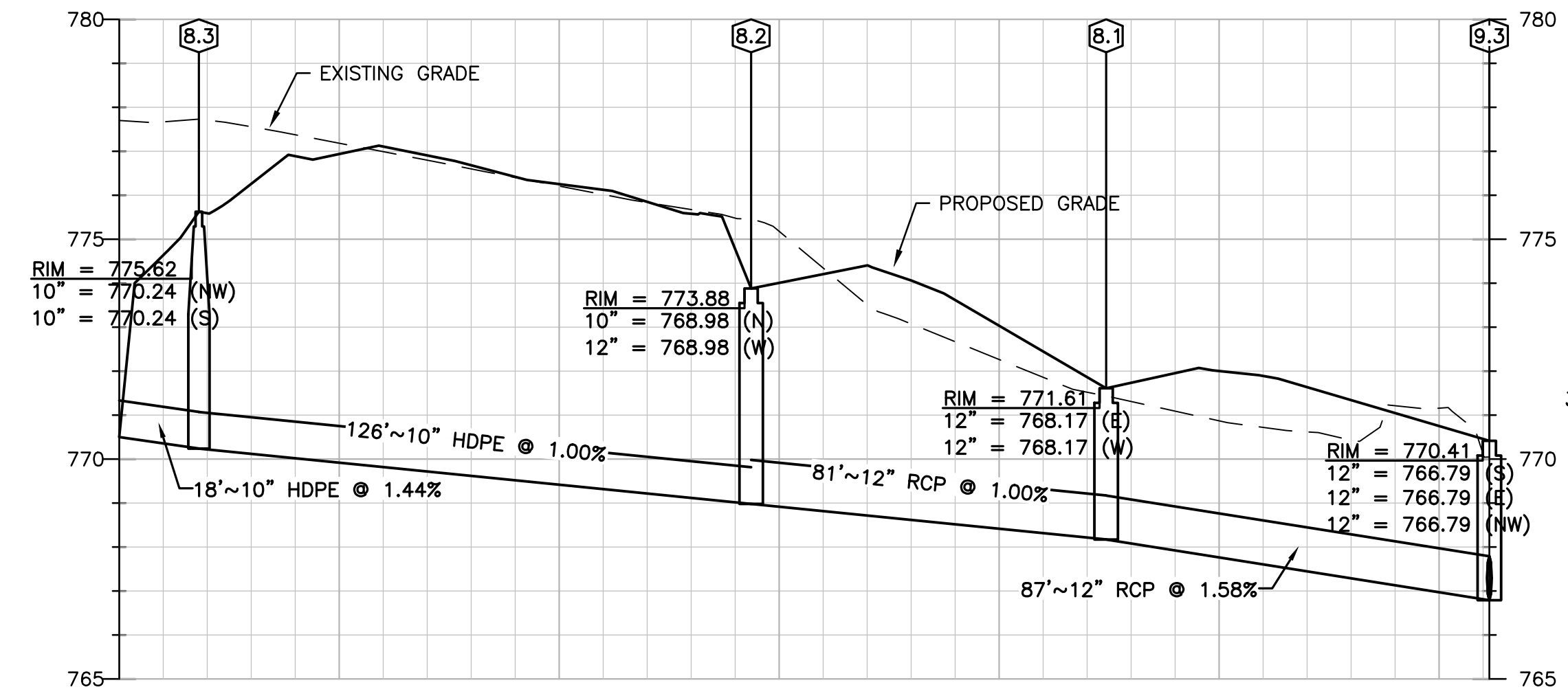
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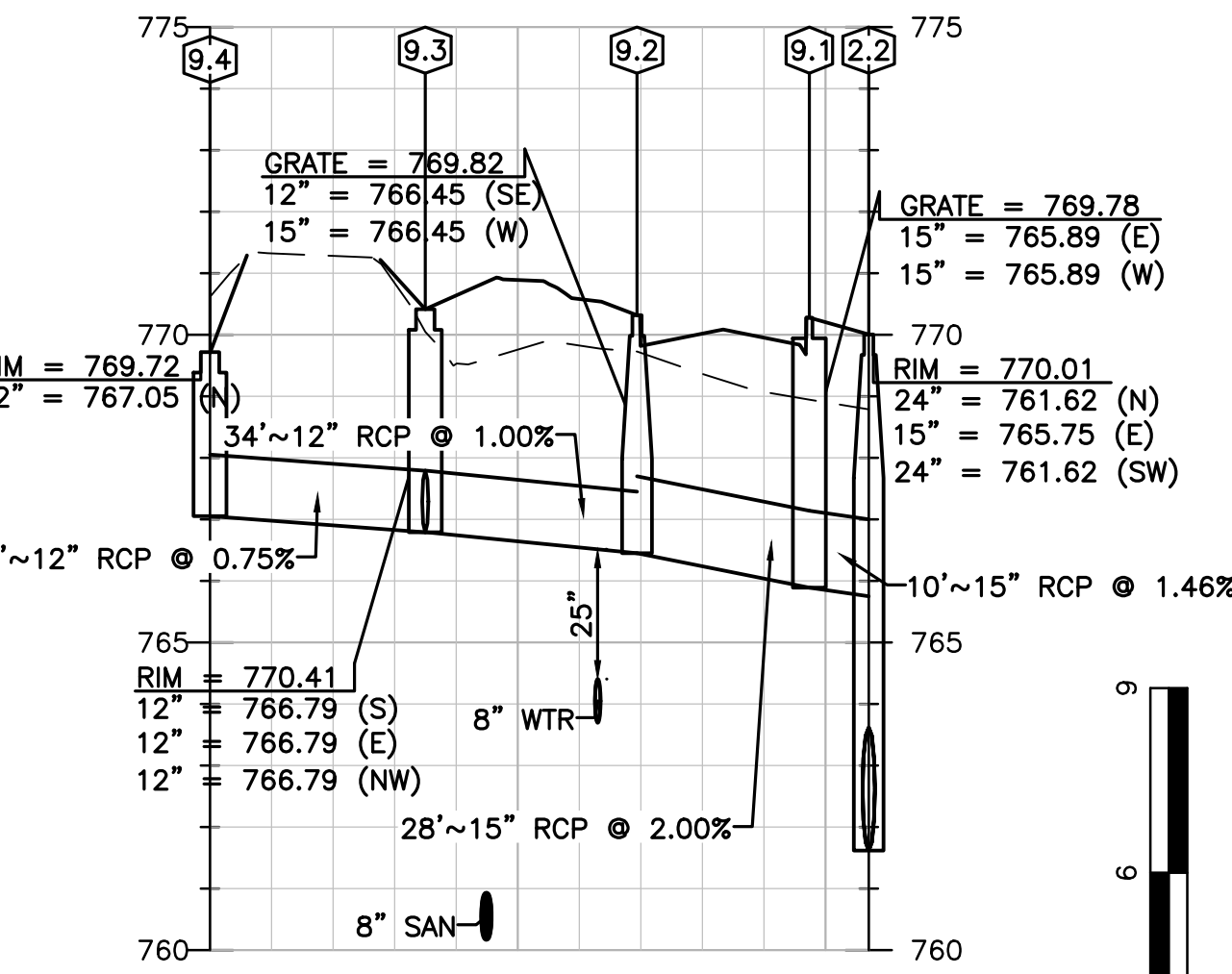
STORM 6



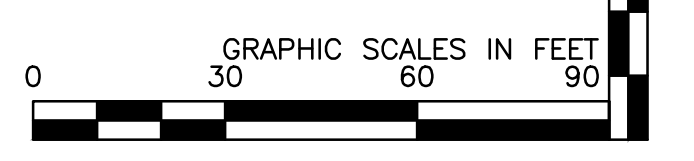
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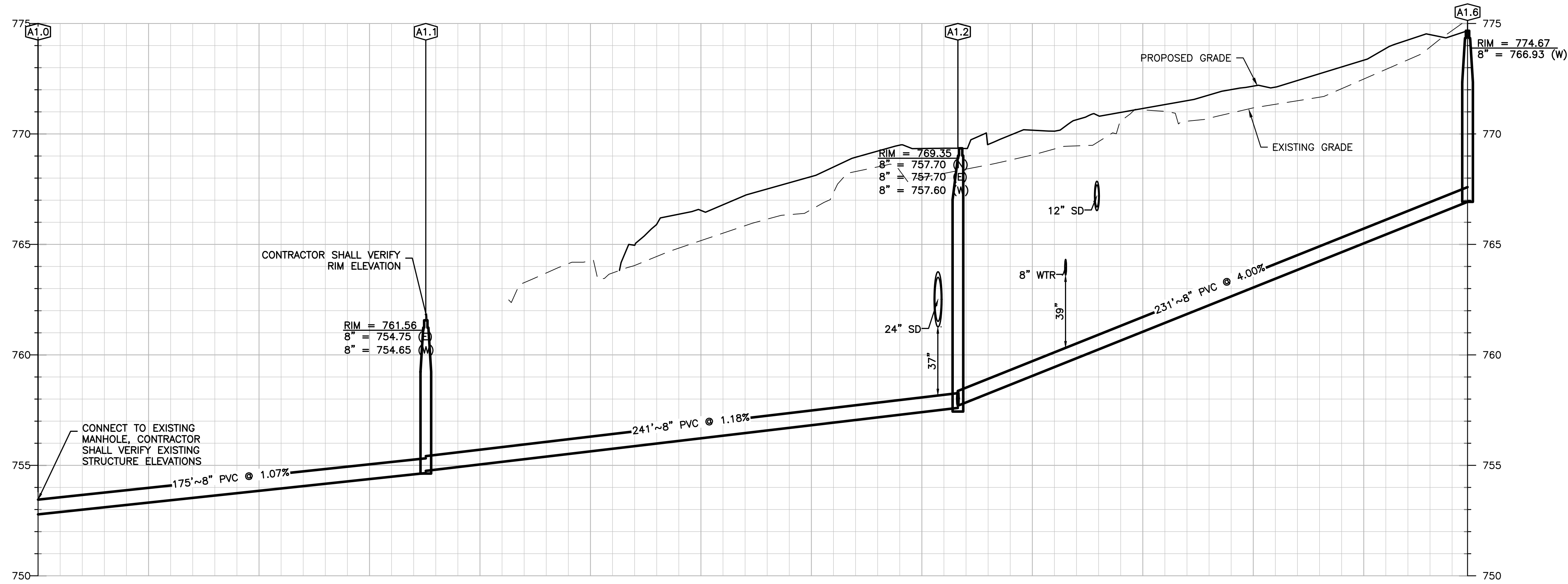
STORM 8



STORM 9



REVISION	No.	DATE
PROJECT No: 080220		
DATE 01/17/20		
DES. JL		
DR. DH		
CKD. JG		
1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.485.3731		
 WOOLPERT ARCHITECTURAL ENGINEERING (CORPORATE)		
SITE IMPROVEMENT PLANS NORBURY CROSSINGS 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE. LOMBARD, DUPAGE COUNTY, ILLINOIS STORM SEWER PROFILES		
SHEET NO. C404		



SANITARY A

SANITARY STRUCTURE TABLE			
STRUCTURE ID	DESCRIPTION	RIM	INVERT
A1.0	CONNECT TO EXISTING SANITARY MANHOLE	753.80	8" = 752.78 (E)
A1.1	SANITARY MANHOLE	761.56	8" = 754.75 (E) 8" = 754.65 (W)
A1.2	SANITARY MANHOLE	769.35	8" = 757.70 (N) 8" = 757.70 (E) 8" = 757.60 (W)
A1.3	SANITARY MANHOLE	773.62	8" = 759.80 (S) 8" = 759.90 (N)
A1.4	SANITARY MANHOLE	767.18	8" = 761.60 (E) 8" = 761.50 (S)
A1.5	SANITARY MANHOLE	772.83	8" = 764.66 (W)
A1.6	SANITARY MANHOLE	774.67	8" = 766.93 (W)
A2.0	EX. SANITARY MANHOLE	769.62	8" = 758.41 (S) 8" = 758.36 (N)
A2.1	SANITARY MANHOLE	767.15	8" = 760.00 (N)

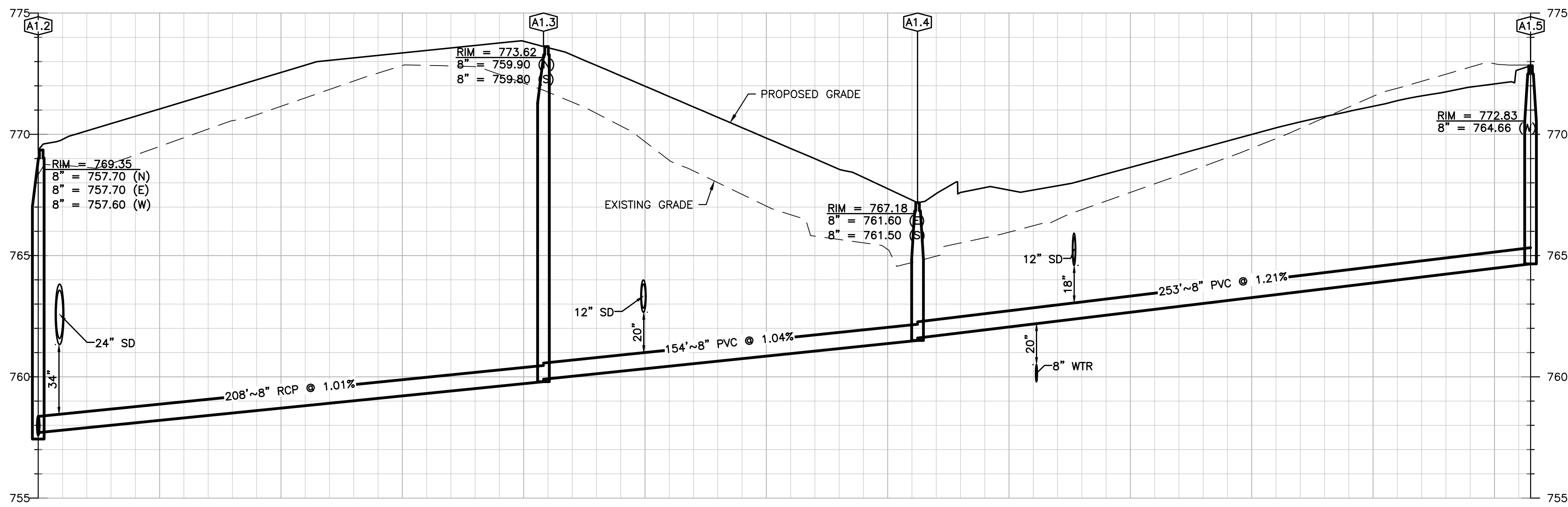


REVISION	DATE

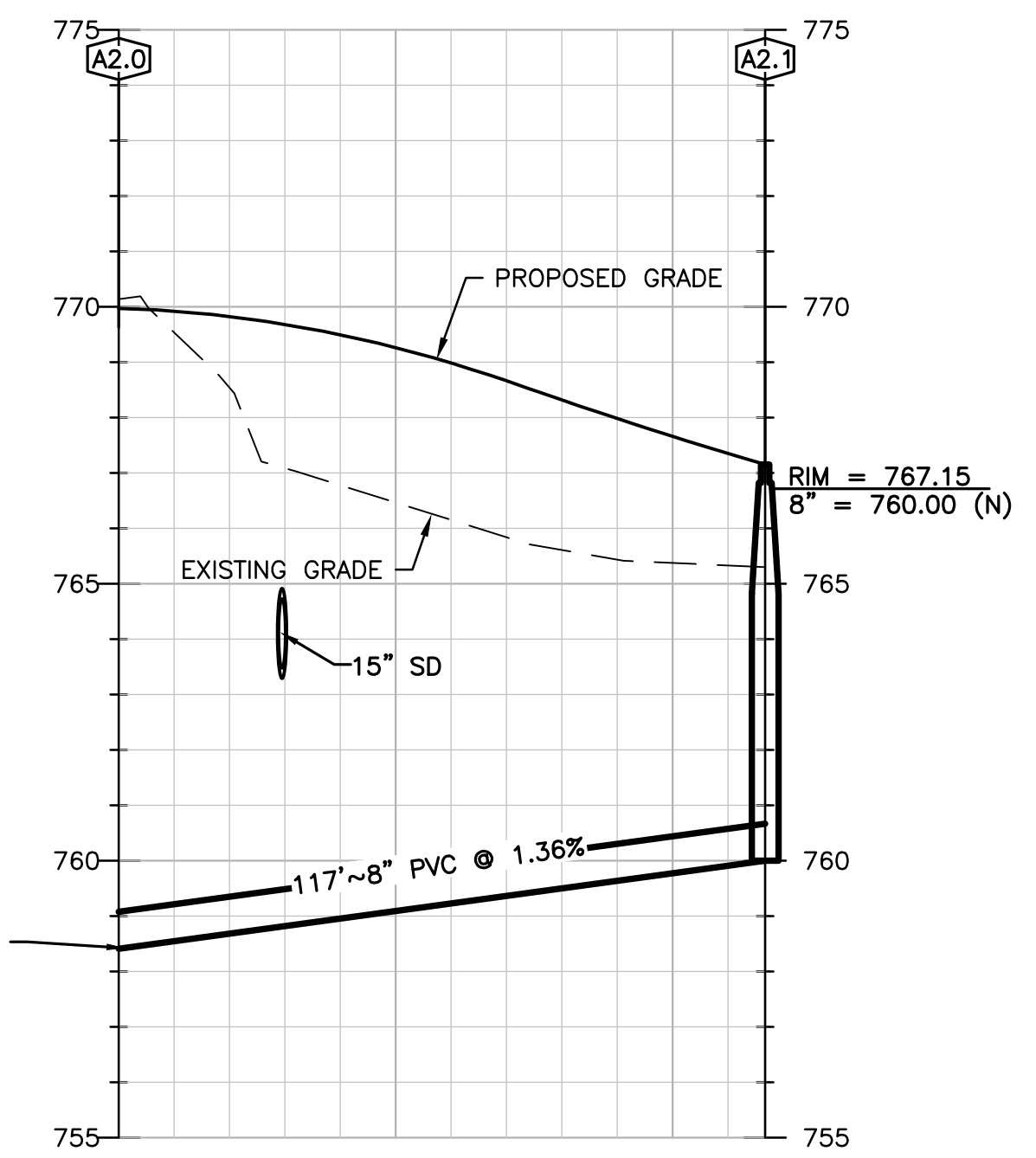
PROJECT No: 080220
 DATE: 01/17/20
 DES: JL
 DR: DH
 CKD: JG

1815 South Meyers Road
 Suite 950
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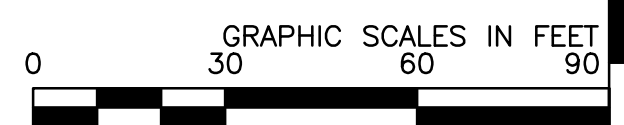
WOOLPERT
 ARCHITECTURAL ENGINEERING (INCORPORATED)



SANITARY B



SANITARY C

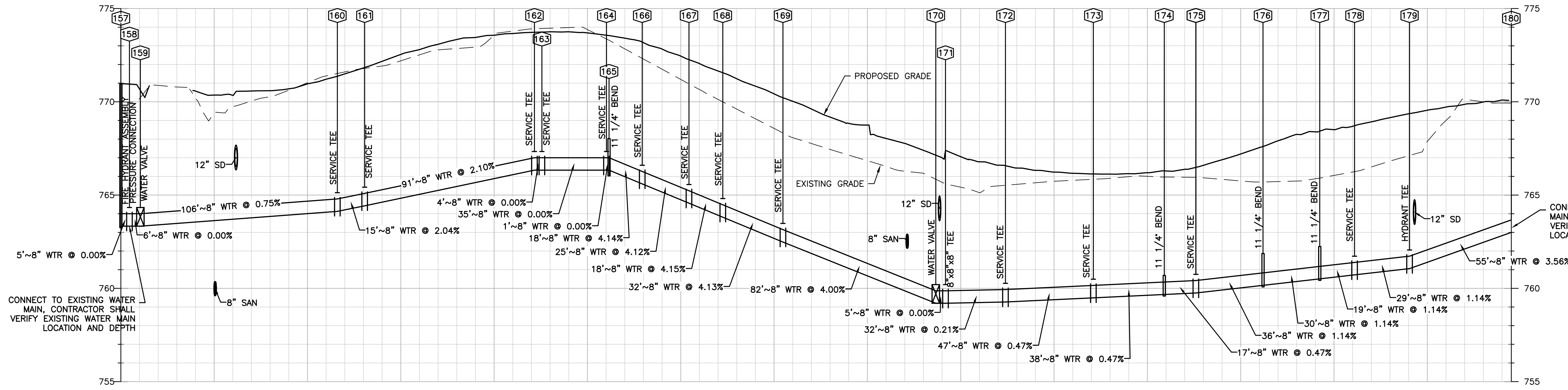


SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

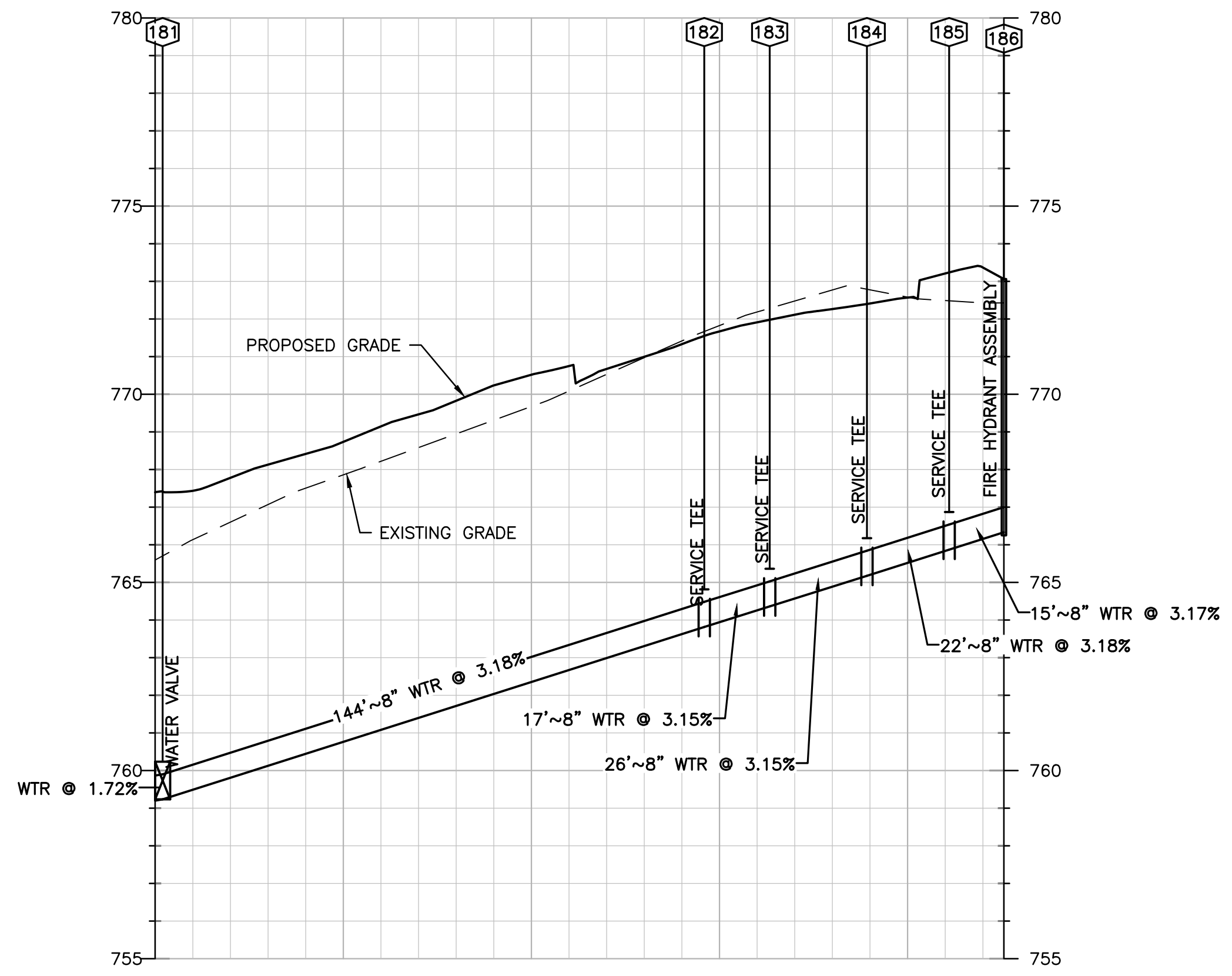
SANITARY SEWER PROFILES

SHEET NO. **C405**

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WATER MAIN A



WATER MAIN B

WATER STRUCTURE TABLE		
STRUCTURE ID	DESCRIPTION	INVERT
157	FIRE HYDRANT ASSEMBLY	8" = 763.33 (N)
158	PRESSURE CONNECTION	8" = 763.33 (S) 8" = 763.33 (N)
159	WATER VALVE	8" = 763.33 (S) 8" = 763.33 (N)
160	SERVICE TEE	8" = 764.12 (S) 8" = 764.12 (N)
161	SERVICE TEE	8" = 764.42 (S) 8" = 764.42 (N)
162	SERVICE TEE	8" = 766.33 (S) 8" = 766.33 (N)
163	SERVICE TEE	8" = 766.33 (S) 8" = 766.33 (N)
164	SERVICE TEE	8" = 766.33 (S) 8" = 766.33 (N)
165	11 1/4" BEND	8" = 766.33 (S) 8" = 766.33 (N)
166	SERVICE TEE	8" = 765.60 (S) 8" = 765.60 (N)
167	SERVICE TEE	8" = 764.56 (S) 8" = 764.56 (N)
168	SERVICE TEE	8" = 763.81 (S) 8" = 763.81 (N)
169	SERVICE TEE	8" = 762.48 (S) 8" = 762.48 (N)
170	WATER VALVE	8" = 759.20 (S) 8" = 759.20 (N)
171	8"x8"x8" TEE	8" = 759.20 (S) 8" = 759.20 (N) 8" = 759.20 (E)

WATER STRUCTURE TABLE		
STRUCTURE ID	DESCRIPTION	INVERT
172	SERVICE TEE	8" = 759.27 (S) 8" = 759.27 (N)
173	SERVICE TEE	8" = 759.49 (S) 8" = 759.49 (N)
174	11 1/4" BEND	8" = 759.67 (S) 8" = 759.67 (N)
175	SERVICE TEE	8" = 759.75 (S) 8" = 759.75 (N)
176	11 1/4" BEND	8" = 760.16 (S) 8" = 760.16 (N)
177	11 1/4" BEND	8" = 760.51 (S) 8" = 760.51 (N)
178	SERVICE TEE	8" = 760.72 (S) 8" = 760.72 (N)
179	HYDRANT TEE	8" = 761.06 (S) 8" = 761.06 (N)
180	NULL STRUCTURE	8" = 763.00 (S)
181	WATER VALVE	8" = 759.23 (W) 8" = 759.23 (E)
182	SERVICE TEE	8" = 763.81 (E) 8" = 763.81 (W)
183	SERVICE TEE	8" = 764.36 (W) 8" = 764.36 (E)
184	SERVICE TEE	8" = 765.18 (W) 8" = 765.18 (E)
185	SERVICE TEE	8" = 765.87 (W) 8" = 765.87 (E)
186	FIRE HYDRANT ASSEMBLY	8" = 766.33 (W)



REVISION	DATE	No.

PROJECT No: 080220
 DATE: 01/17/20
 DES: JL
 DR: DH
 CKD: JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
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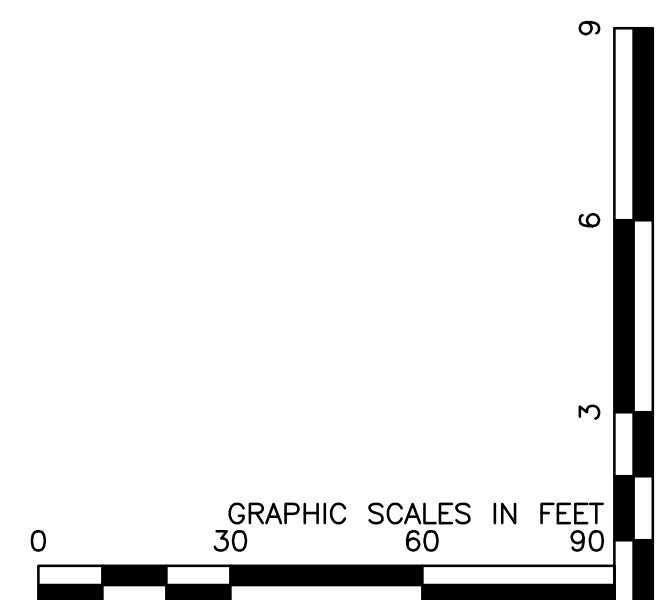
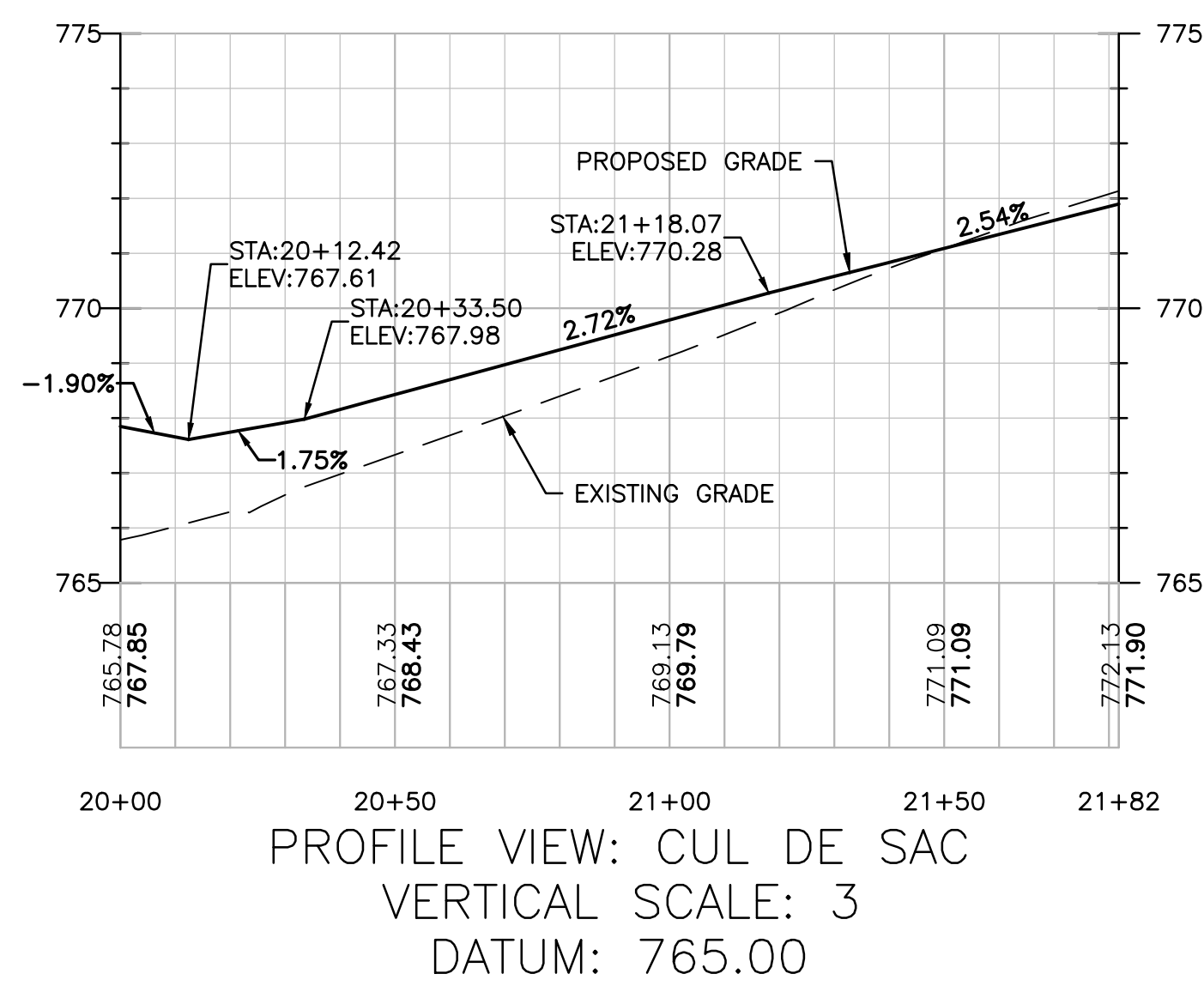
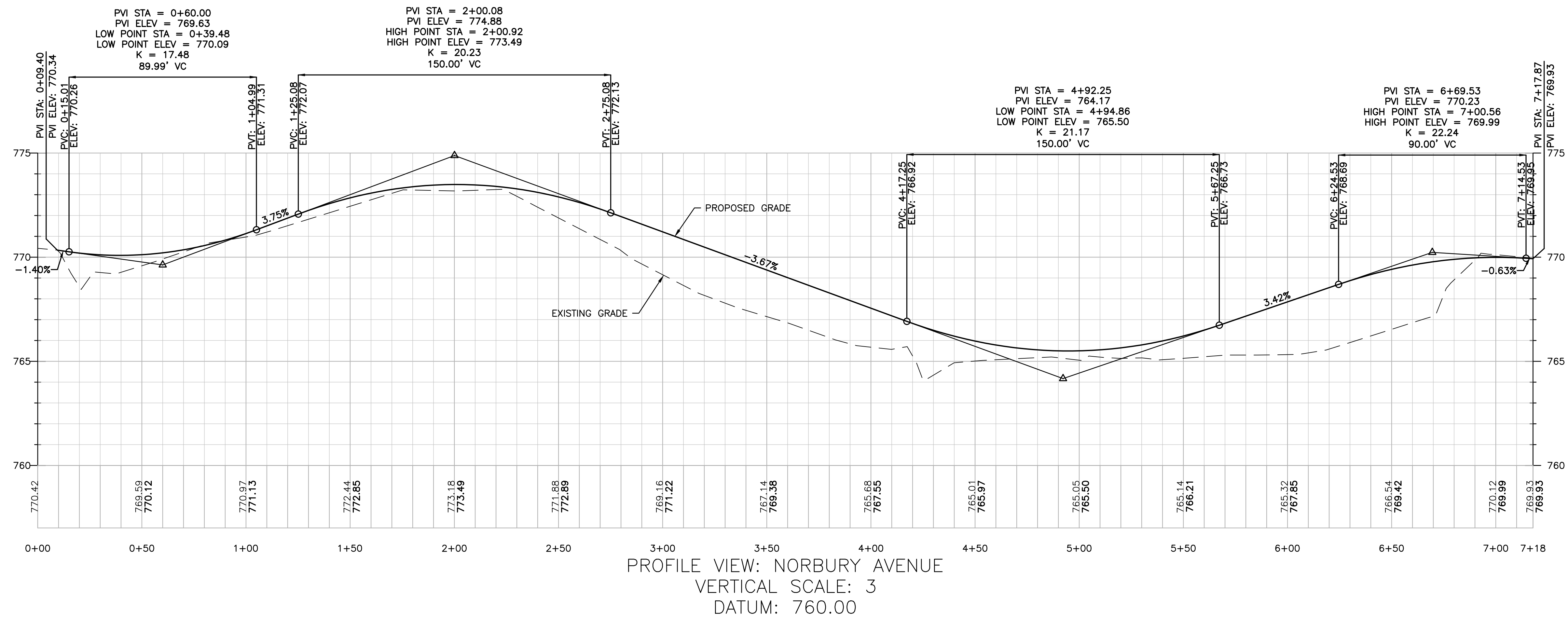
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

WATER MAIN PROFILES

SHEET NO.
C406

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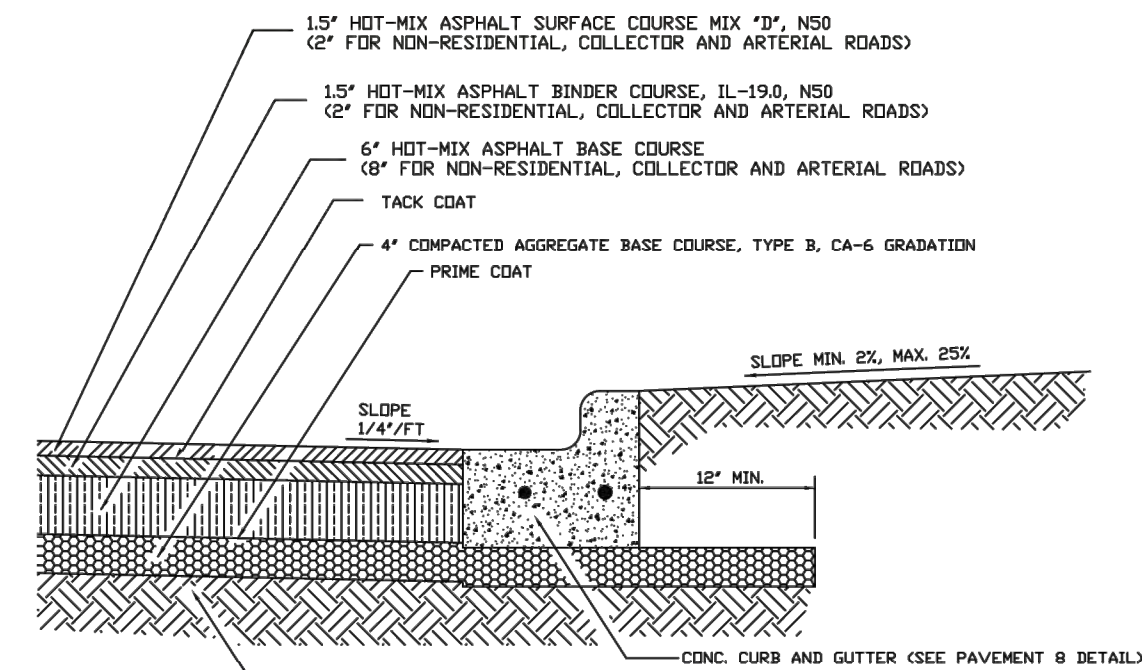


BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.
 ELEVATION = 776.43
 THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.

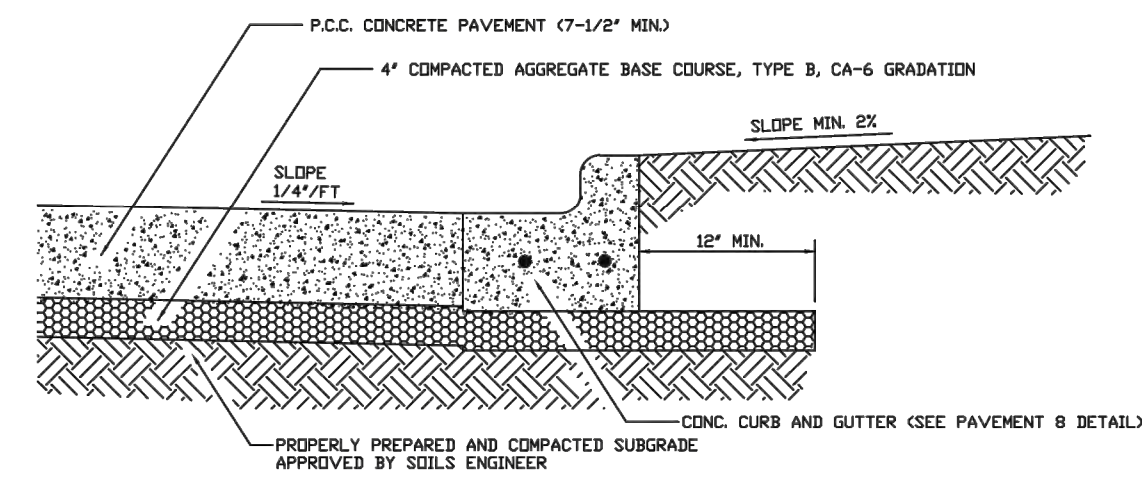


PROJECT No: 080220 DATE 01/17/20 DES. JL DR. DH CKD. JG		REVISION
		No. DATE
1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.485.3731		W WOOLPERT ARCHITECTURAL ENGINEERING (INCORPORATED)
SITE IMPROVEMENT PLANS NORBURY CROSSINGS 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE. LOMBARD, DUPAGE COUNTY, ILLINOIS		
ROADWAY PROFILES		SHEET NO. C500

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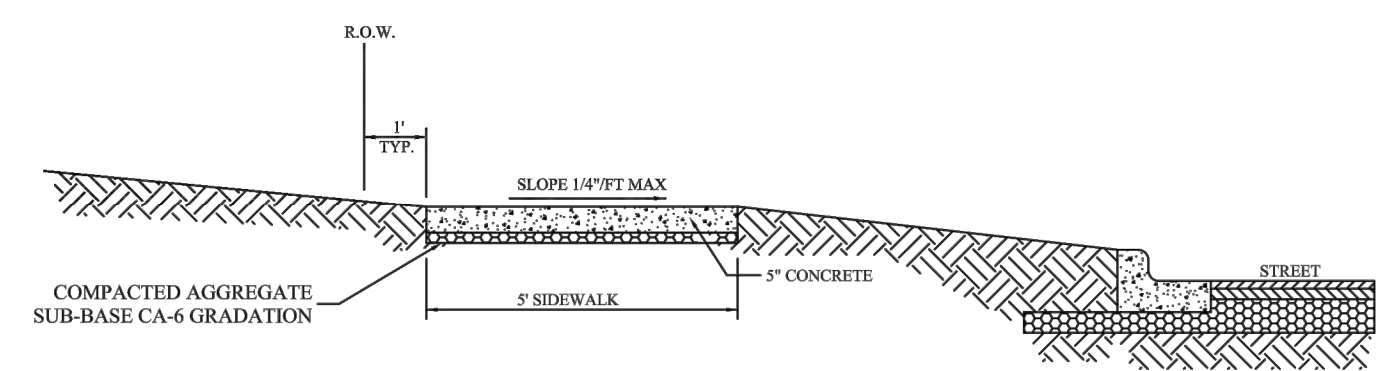
FLEXIBLE PAVEMENT



RIGID PAVEMENT

- GENERAL NOTES:**
- Dimensions shown are minimum values. Soil analysis and traffic counts shall be used for determining required section.
 - Integral curb and gutter shall not be permitted with rigid or composite pavements.
 - The following materials are acceptable as base course alternatives: Hot Mix Asphalt (HMA) base, and P.C. Concrete.
 - A tack coat shall be applied in accordance with Section 406.05 (b) of the current edition of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction".

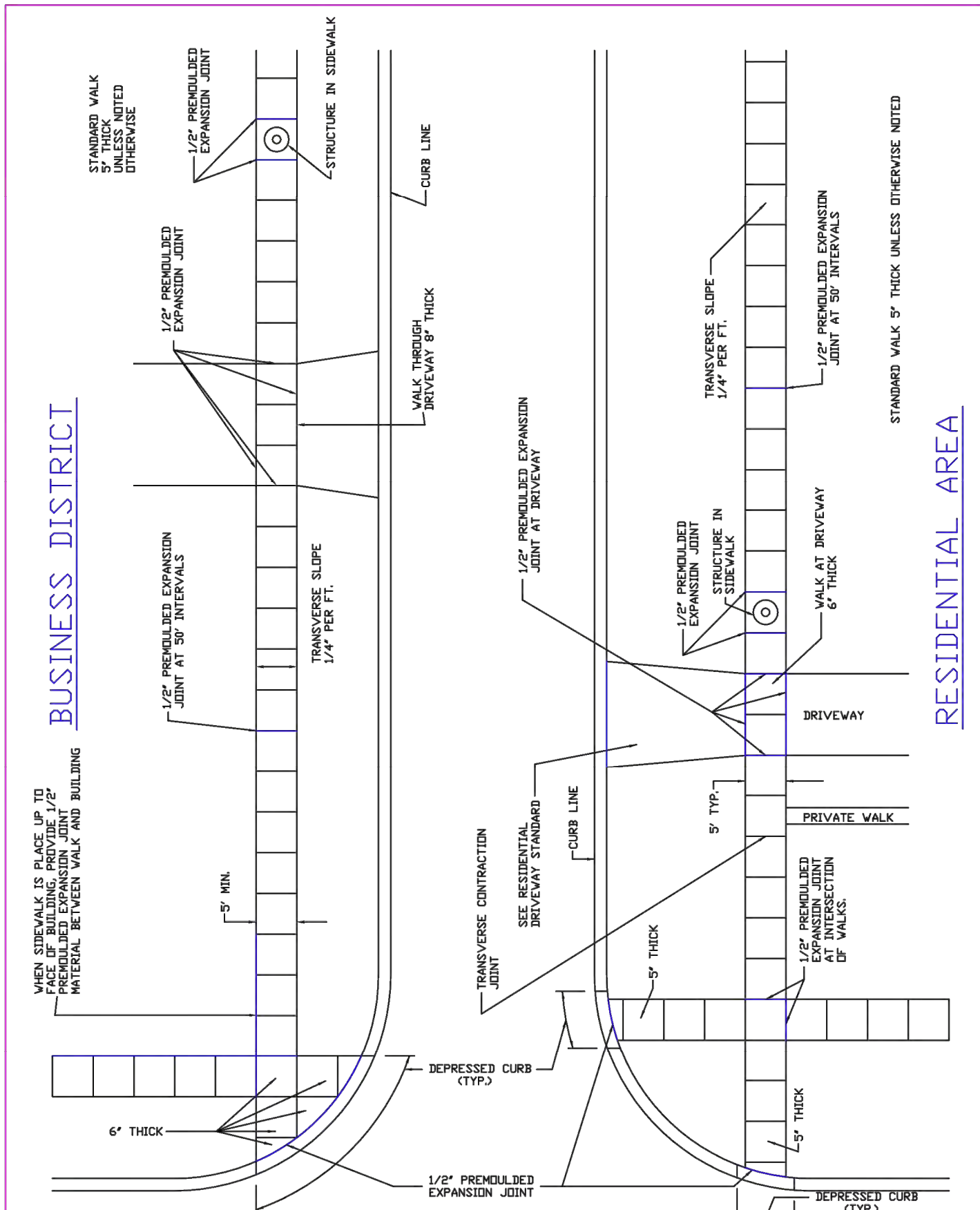
REV.:	BBW	REV.:	3-16-21	TYPICAL PAVEMENT	VILLAGE OF LOMBARD
REV.:	DRG	REV.:	2-18-15	CROSS-SECTION	PAVEMENT 5
DRAWN BY:	V.JGL	DATE:	2-16-98		



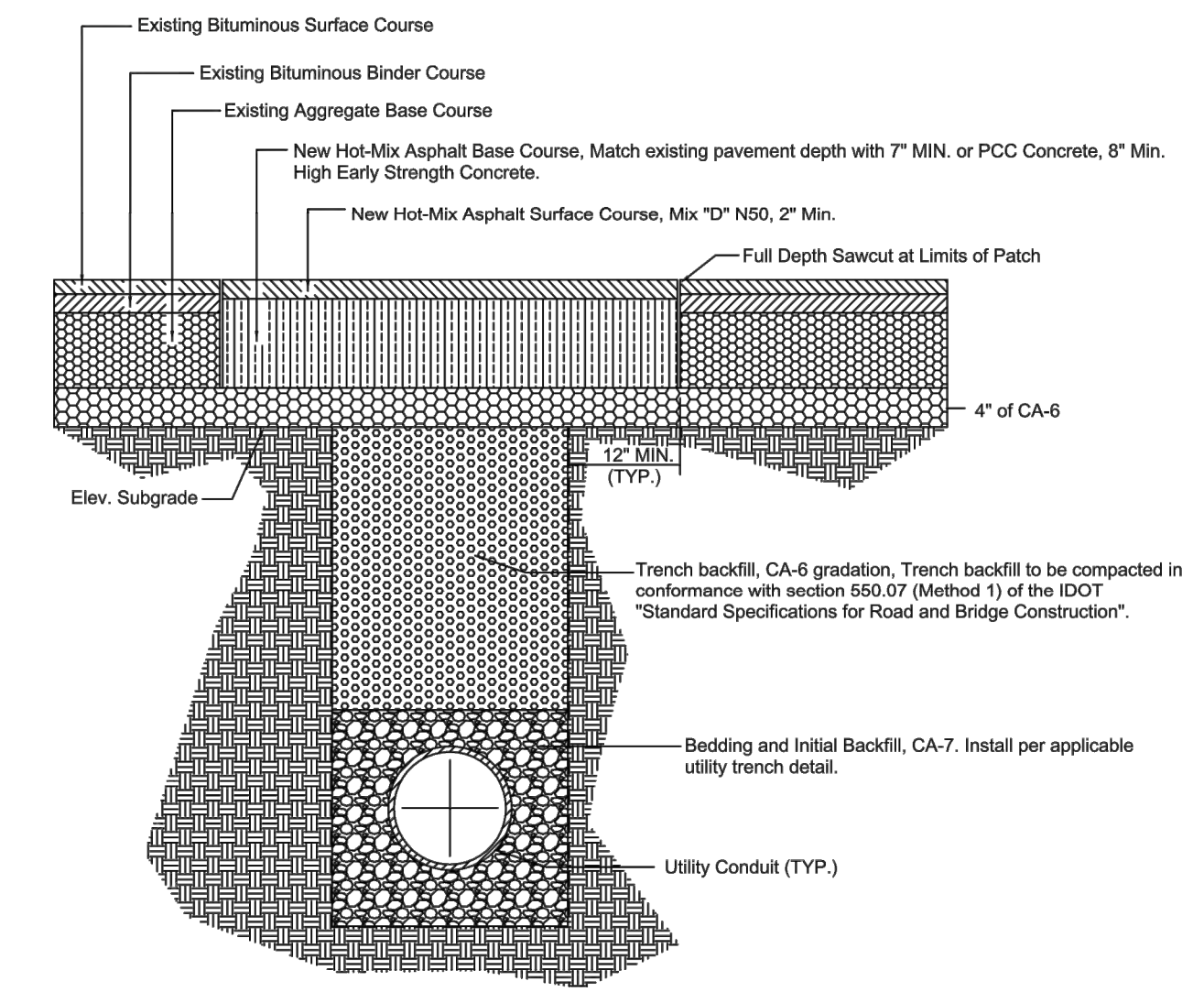
GENERAL NOTES:

- Concrete shall be Class Sl.
- Minimum sidewalk thickness shall be five (5) inches.
- Sidewalk thickness across driveways shall be six (6) inches minimum for residential driveways and eight (8) inches minimum for non-residential driveways.
- Maximum longitudinal slope shall not exceed 6% (16:1).
- Maximum transverse slope shall not exceed 2% (0.25' / FT).
- A two (2) inch minimum aggregate sub-base (CA-6 Gradation) shall be provided.
- Aggregate sub-base course shall be mechanically compacted.
- All sidewalk shall be promptly backfilled and protected from damage.
- Refer to Pavement Details 3a, 3b (ADA Sidewalk) and 4 (Sidewalk Construction)

REV.:	BBW	REV.:	3-17-21	SIDEWALK	VILLAGE OF LOMBARD
REV.:	DRG	REV.:	2-05-15		PAVEMENT 2
DRAWN BY:	VJGL	DATE:	02-16-98		



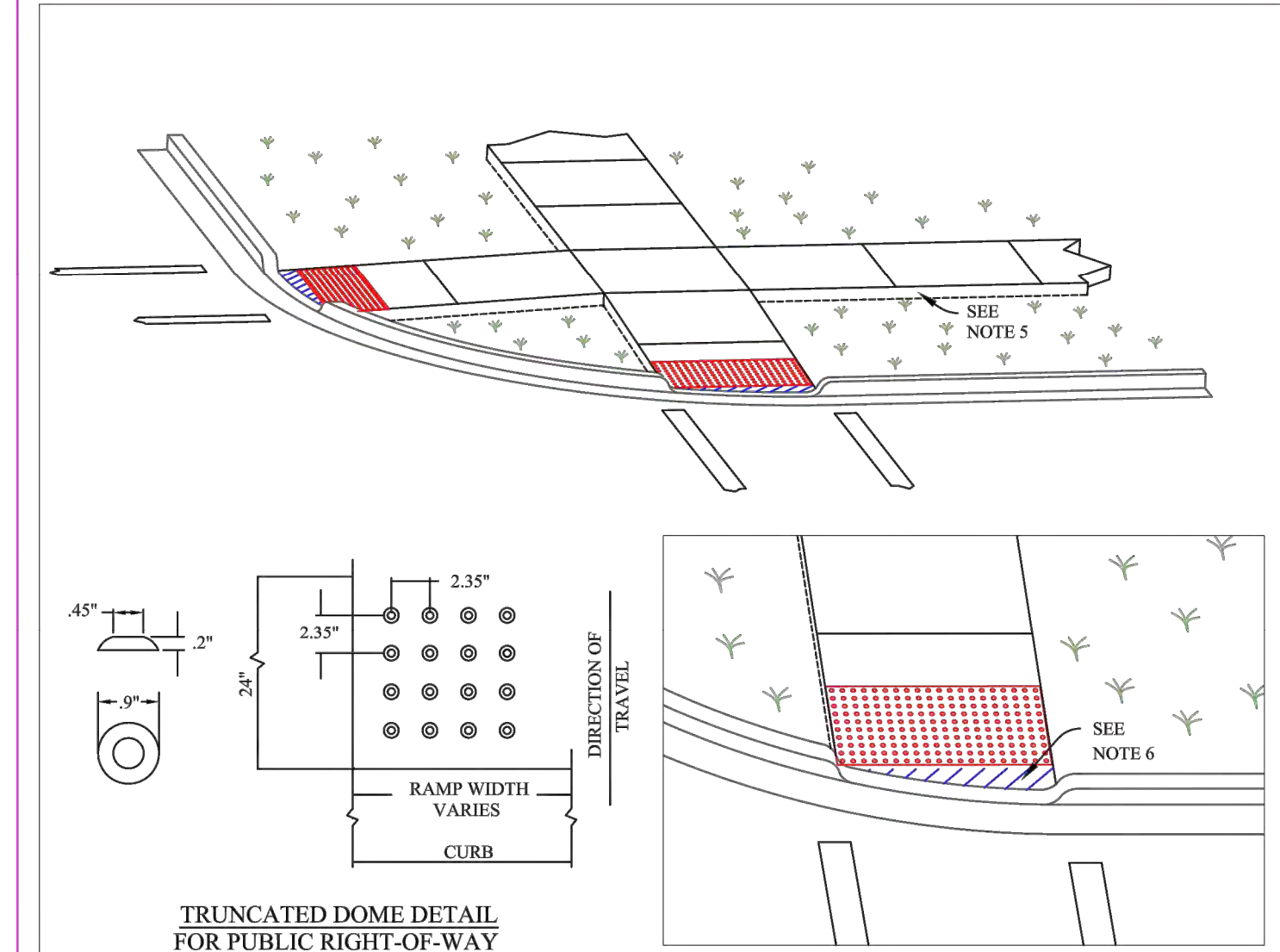
REV.:	ERH	REV.:	3-25-99	SIDEWALK CONSTRUCTION	VILLAGE OF LOMBARD
DRAWN BY:	V.JGL	DATE:	2-16-98		PAVEMENT 4



GENERAL NOTES:

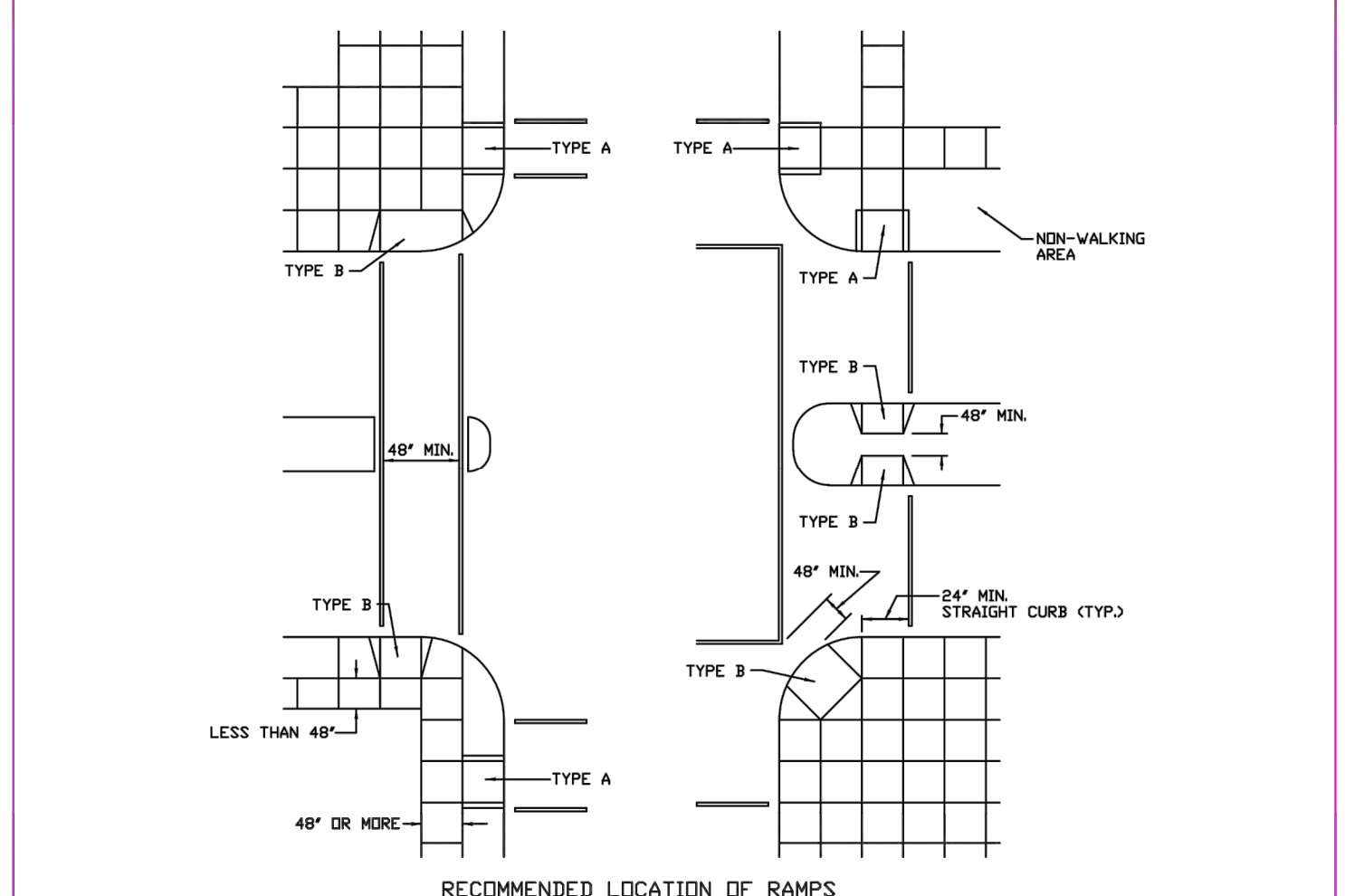
- Pavement shall not be opened without first receiving a permit from the Department of Public Works.
- The trench shall be backfilled with aggregate (CA-6 Gradation) and compacted to 95% of the standard proctor density. Trench spoil or excavated material shall be disposed of by the contractor at their expense.
- Prior to the placing of P.C. Concrete, the exposed edges of all existing pavement shall be sawcut full depth to provide a smooth, clean vertical edge, free of loose material.
- Excavations shall be protected by barricades with flashing lights, at locations where adjustments are located in travel lanes, a one-inch (1") steel plate shall be placed and maintained by the contractor until the surface restoration is complete. The plate shall be protected from sliding and transitioned with bituminous ramps as required. Barricades and steel plates shall be present at the work site prior to opening the road.
- Minimum width of a patch shall be four (4) feet. All patches shall be full-depth in a rectangular shape.
- Street openings shall be restored with cold patch before the end of the day and maintained until such time as the permanent patch (concrete or hot mix asphalt, depending on the street) can be installed. Permanent paving must take place during acceptable daytime temperature ranges between the dates of April 15 and November 15.

REV.:	BBW	REV.:	3-17-21	FLEXIBLE PAVEMENT	VILLAGE OF LOMBARD
REV.:	JKB	REV.:	4-23-18	UTILITY TRENCH	PAVEMENT 11
DRAWN BY:	V.JGL	DATE:	2-16-98		



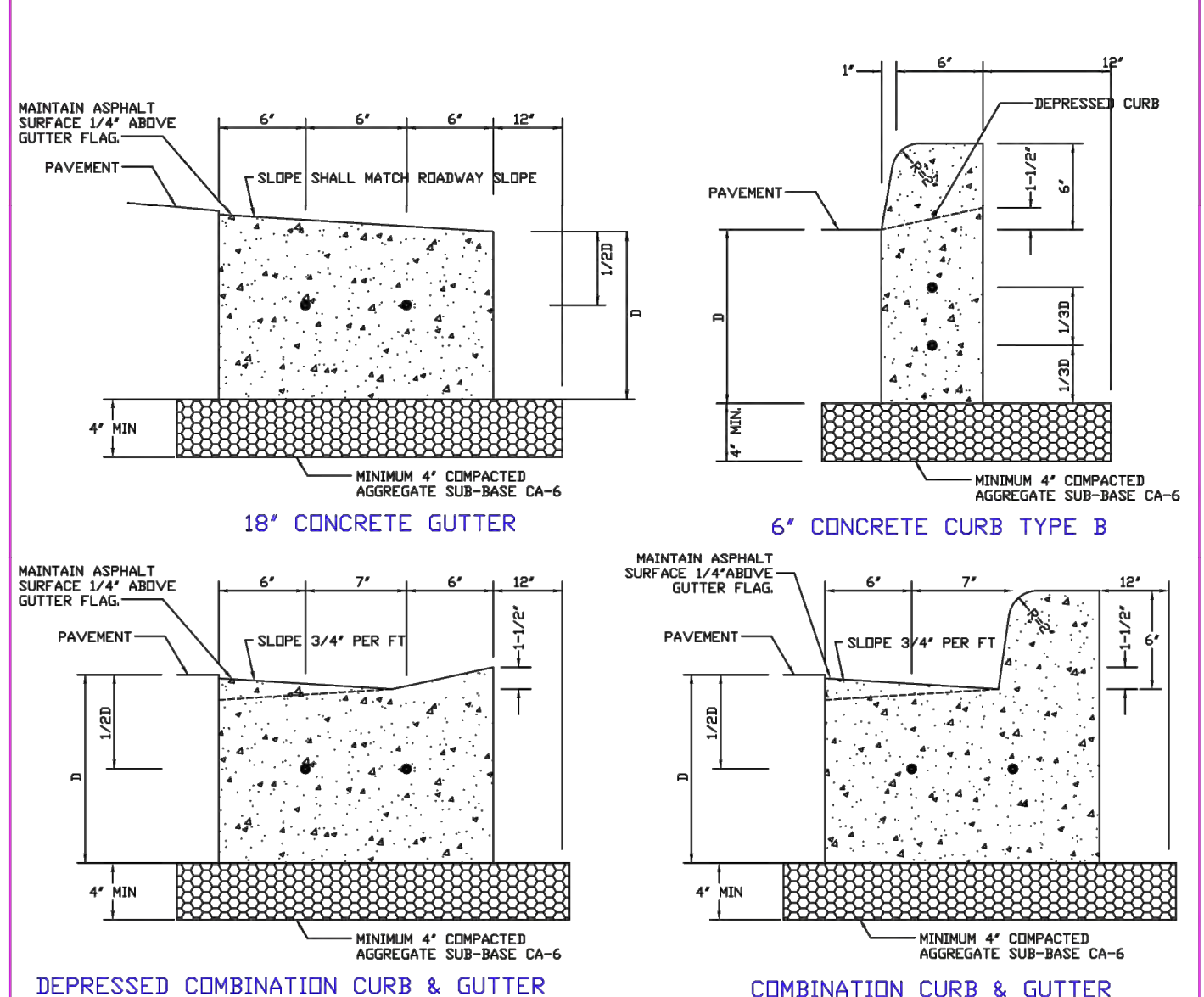
- GENERAL NOTES:**
- Ramps shall be located as shown on the plans in alignment with normal sidewalk and/or crosswalk and shall have sufficient curb length at corner radius to prevent vehicular encroachment.
 - Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.
 - The maximum slope of the side flare for type B ramps shall be 1:10. However if the width of the landing area between the top of the ramp and an obstruction is less than forty eight (48) inches the maximum slope shall be 1:12.
 - Ramps shall be constructed of P.C. Concrete in accordance with the IDOT "Standard Specifications for Road and Bridge Construction". Detectable warning surface shall be a two (2) foot by five (5) foot section consisting of truncated domes aligned in a square (parallel alignment) pattern. Detectable warnings shall be set back six (6) inches from the front of curb. Detectable warning ramps shall be a prefabricated system by Access Tile, ADA Solutions, TurFile or an approved substitution. The approved ramp color is Brick Red (FED 22144 / RAL 3016).
 - Thickness of ramps will be the same as the adjacent sidewalk with a minimum of five (5) inches. Thickness of sidewalks through residential driveways shall be a minimum of six (6) inches. Non-residential driveways shall be a minimum of eight (8) inches.
 - Unless the curb ramp is aligned perpendicular to the street radius, an area of special shaping must be provided at the bottom of the ramp. This area shall allow the grade break at the bottom of the ramp to be perpendicular to the ramp and shall provide a smooth transition to the gutter line for wheelchair access. No curb lip allowed in this area. Maximum cross slope shall be two (2) percent.

REV.:	BBW	REV.:	3-17-21	ADA SIDEWALK	VILLAGE OF LOMBARD
REV.:	AKL	REV.:	2-28-12	RAMP	PAVEMENT 3A
DRAWN BY:	VJGL	DATE:	02-16-98		



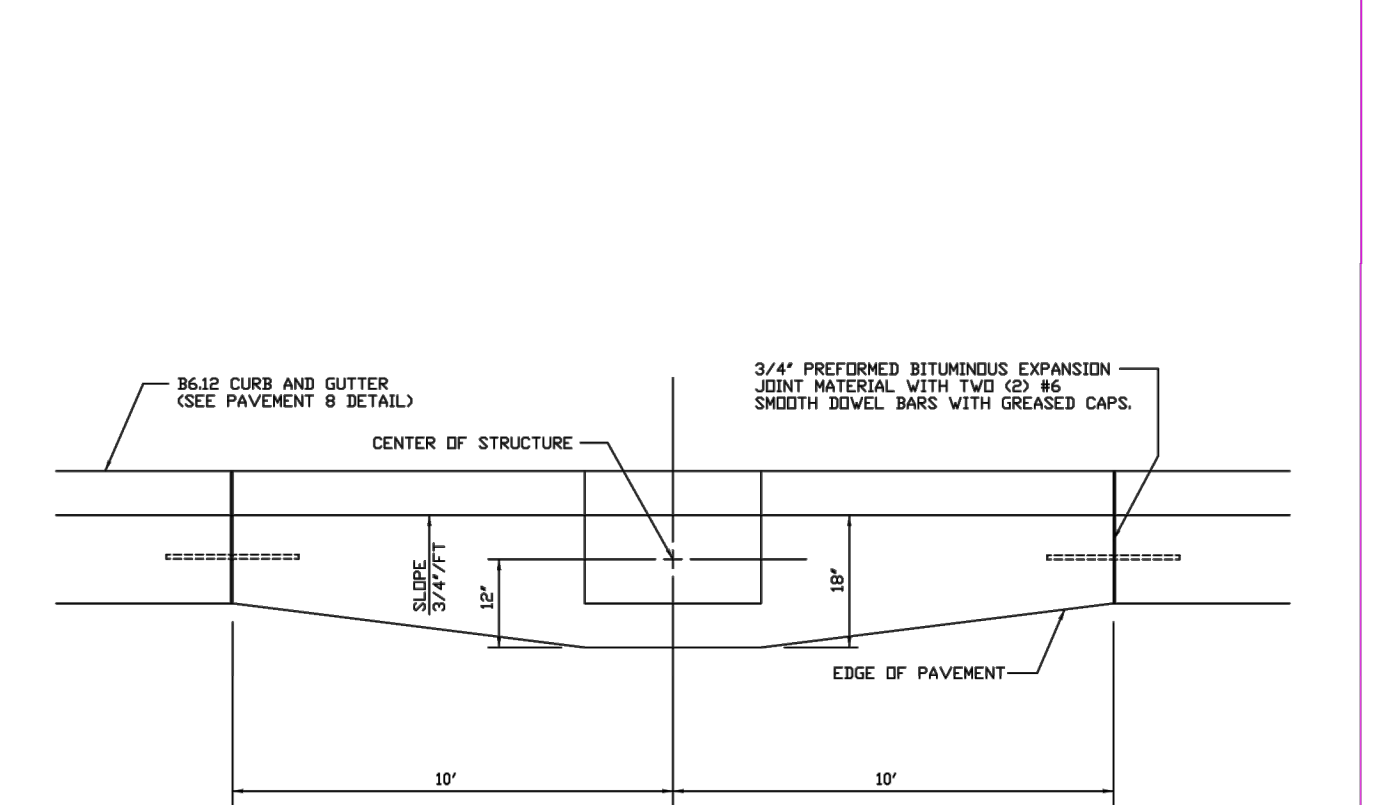
- RECOMMENDED LOCATION OF RAMP**
- DETAILS OF RAMP**
- DETAIL A**
- DETAIL B**
- DETAIL OF SIDE CURB**

REV.:	KDH	REV.:	2-28-2012	HANDICAPPED SIDEWALK	VILLAGE OF LOMBARD
REV.:	ERH	REV.:	1-10-05	RAMP (CONTINUED)	PAVEMENT 3B
DRAWN BY:	V.JGL	DATE:	2-16-98		



- GENERAL NOTES:**
- 3/4" PREFORMED BITUMINOUS EXPANSION JOINT MATERIAL WITH TWO #6 COATED SMOOTH DOVREL BARS (3/4" DIAMETER X 18") WITH GREASED CAPS SHALL BE PLACED EVERY 45 FEET. THEY SHALL ALSO BE PLACED AT 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS, AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB AND GUTTER, THE EXISTING CURB SHALL BE DRILLED, AND TWO # 6 COATED SMOOTH DOVREL BARS (3/4" DIAMETER X 18") SHALL BE GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER AND SHALL HAVE A FINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
 - TOLDED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15 FEET.
 - SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A VILLAGE APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
 - TWO (2) #4 REBARS SHALL BE PLACED CONTINUOUS THROUGHOUT THE CURB AND GUTTER.
 - THE MINIMUM DEPTH OF THE CURB SHALL BE 9".

REV.:	DRG	REV.:	03-28-16	CURB AND GUTTER	VILLAGE OF LOMBARD
REV.:	DRG	REV.:	02-05-15		PAVEMENT 8
DRAWN BY:	V.JGL	DATE:	2-16-98		



- GENERAL NOTES:**
- Storm sewer casing shall be IDOT Type 3 (with front flange) Neenah R-3277-A, EJ 72021, or a Village Engineer approved substitution.

REV.:	BBW	REV.:	3-17-21	STORM SEWER INLET	VILLAGE OF LOMBARD
REV.:	DRG	REV.:	4-10-17	CURB AND GUTTER	PAVEMENT 9
DRAWN BY:	V.JGL	DATE:	2-16-98		

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

PROJECT No.:	080220
DATE:	01/17/20
DES.:	JL
DR.:	DH
CKD.:	JG

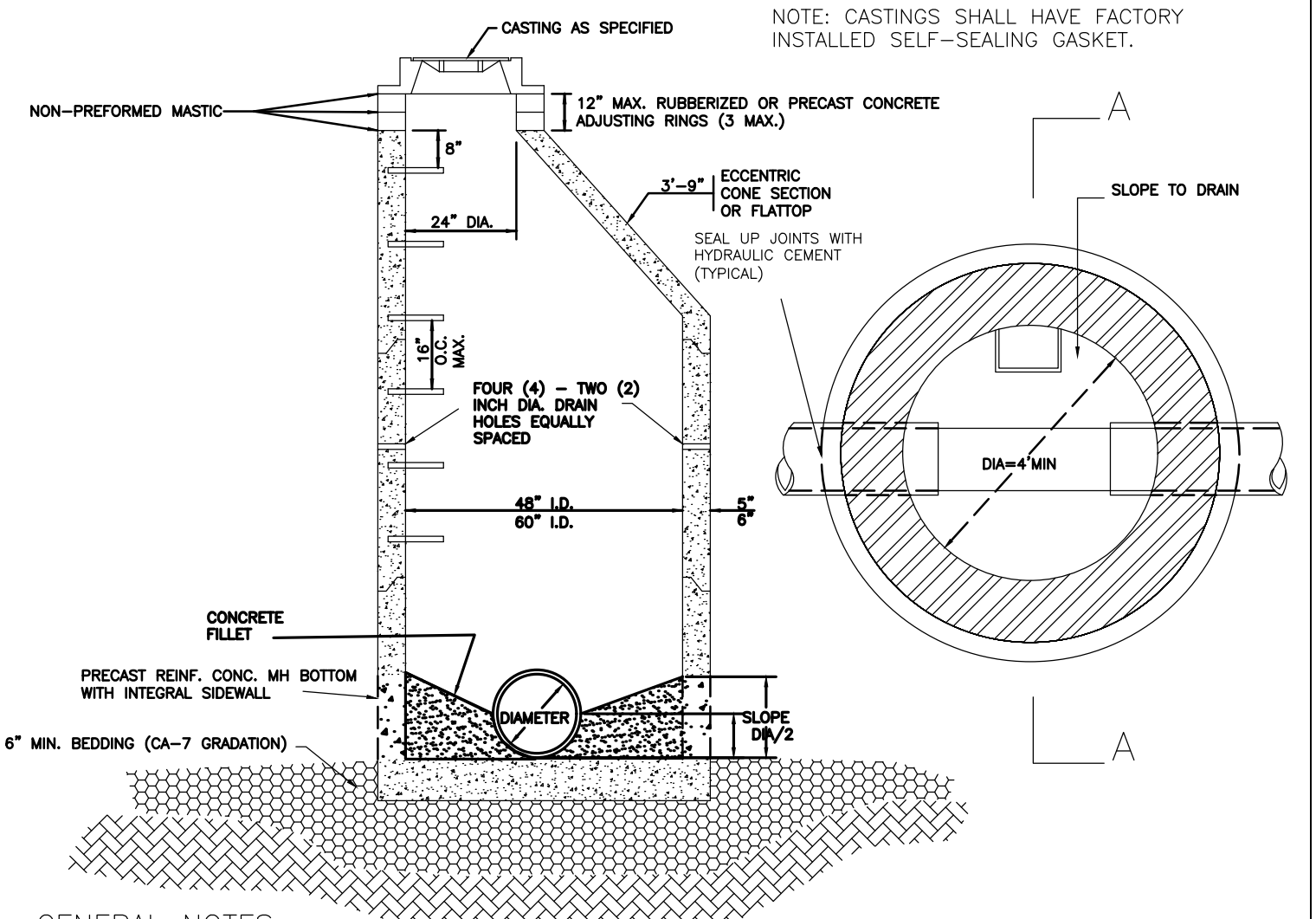
1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.495.3731



DETAILS

SHEET NO.
C700

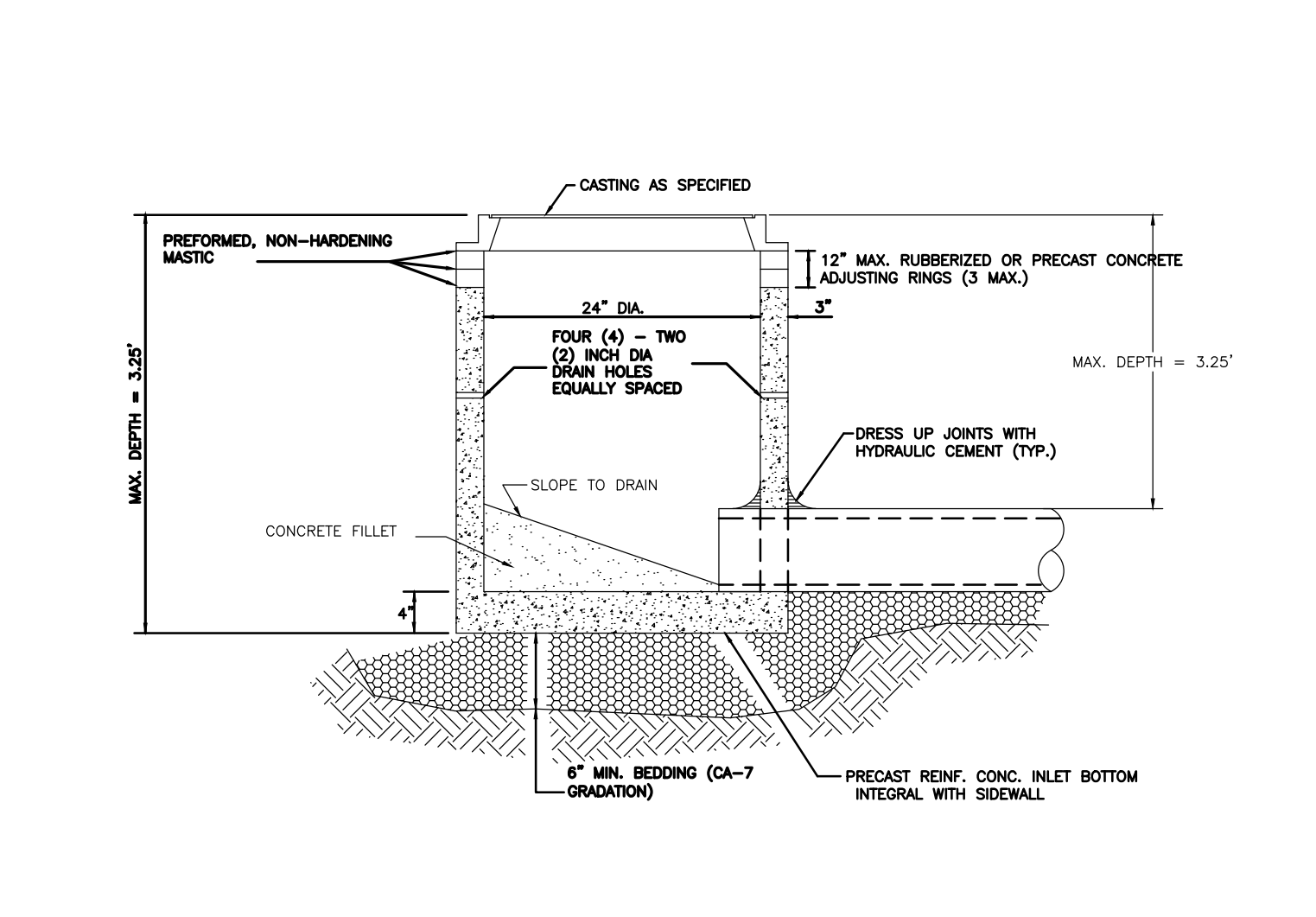
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GENERAL NOTES:

1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTIONS. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
2. PROVIDE GRANULAR BACKFILL AROUND MANHOLE TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE CA-7 GRADATION UP TO 12" BELOW THE BOTTOM OF THE PAVEMENT, THEN PLACE CA-6 FROM 12" BELOW THE BOTTOM OF THE PAVEMENT TO THE TOP OF THE TRENCH.
3. APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR EZ STICK) TO EACH JOINT BELOW THE BOTTOM OF CONE OR FLATTOP TO PREVENT INFLOW.
4. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. EACH RING AND THE FRAME SHALL BE SET IN A BED OF NON-PREFORMED MASTIC.
5. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF 2 INCHES.
6. WITHIN NON-PAVED AREAS, MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME ON THE EXTERIOR OF THE STRUCTURE. MORTAR IS NOT PERMITTED ON THE INSIDE OF THE RINGS AND/OR FRAME.
7. ONLY PLASTIC POLYMER STEPS SHALL BE USED.
8. WHEN MANHOLE DEPTH IS OVER 12 FEET, THE THICKNESS OF THE PRECAST, REINFORCED CONCRETE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN MANHOLE DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.
9. DRESS UP INTERIOR JOINTS OF PRECAST MANHOLE AND OPENINGS AROUND PIPES WITH HYDRAULIC CEMENT.
10. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
11. IN GRASSSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.
12. CHIMNEY SEALS SHALL BE REQUIRED UNLESS THE MANHOLE IS ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH VILLAGE DETAIL STORM 7 - CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS.

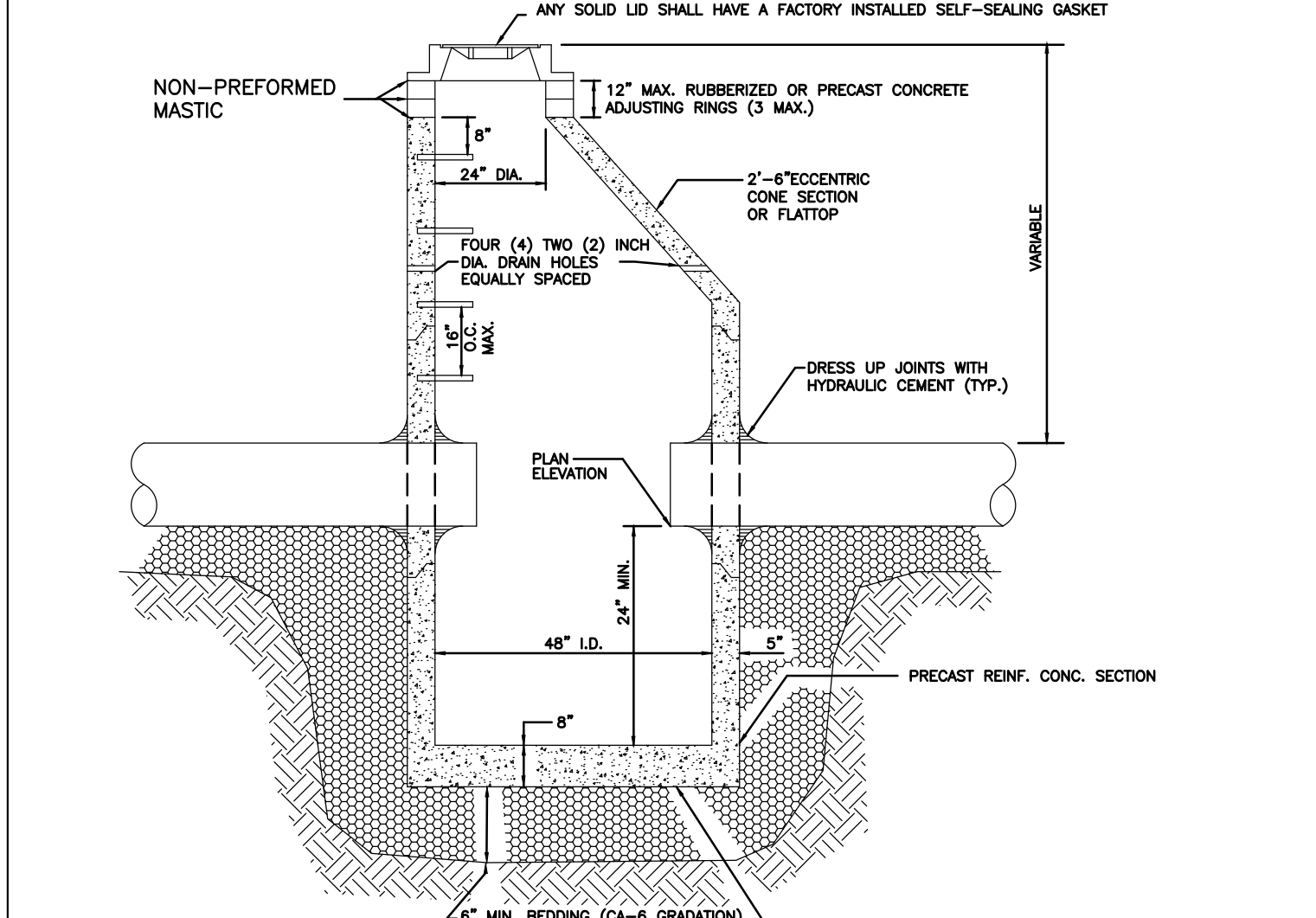
REV: DRG	REV: 5-5-16	VILLAGE OF LOMBARD	1
REV: C701	REV: 5-5-16	STORM 1	C701
DRAWN BY: VJGL	DATE: 2-16-98	MANHOLE TYPE A	



GENERAL NOTES:

1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
2. PROVIDE GRANULAR BACKFILL AROUND INLET TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE CA-7 GRADATION UP TO 12" BELOW THE BOTTOM OF THE PAVEMENT, THEN PLACE CA-6 FROM 12" BELOW THE BOTTOM OF THE PAVEMENT TO THE TOP OF THE TRENCH.
3. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RING(S) AND FRAME SHALL BE SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK, EZ STICK OR APPROVED EQUAL).
4. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
5. MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
6. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
7. IN GRASSSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.
8. IF AN IDOT TYPE 8 GRATE CASING IS CALLED OUT, NO MASTIC SHALL BE ALLOWED BETWEEN THE FRAME AND THE TOP RING OR STRUCTURE. A MINIMUM OF ONE RUBBER 1/4" THICKNESS SHALL BE PLACED BETWEEN THE FRAME AND THE TOP RING OR STRUCTURE (EAST JORDAN INFRA-RISER: c 24.0 / 36.0 F 0.25 OR APPROVED EQUAL). ALL EXCESS MATERIAL EXTENDING BEYOND THE EDGE OF THE GRATE SHALL BE TRIMMED FLUSH.

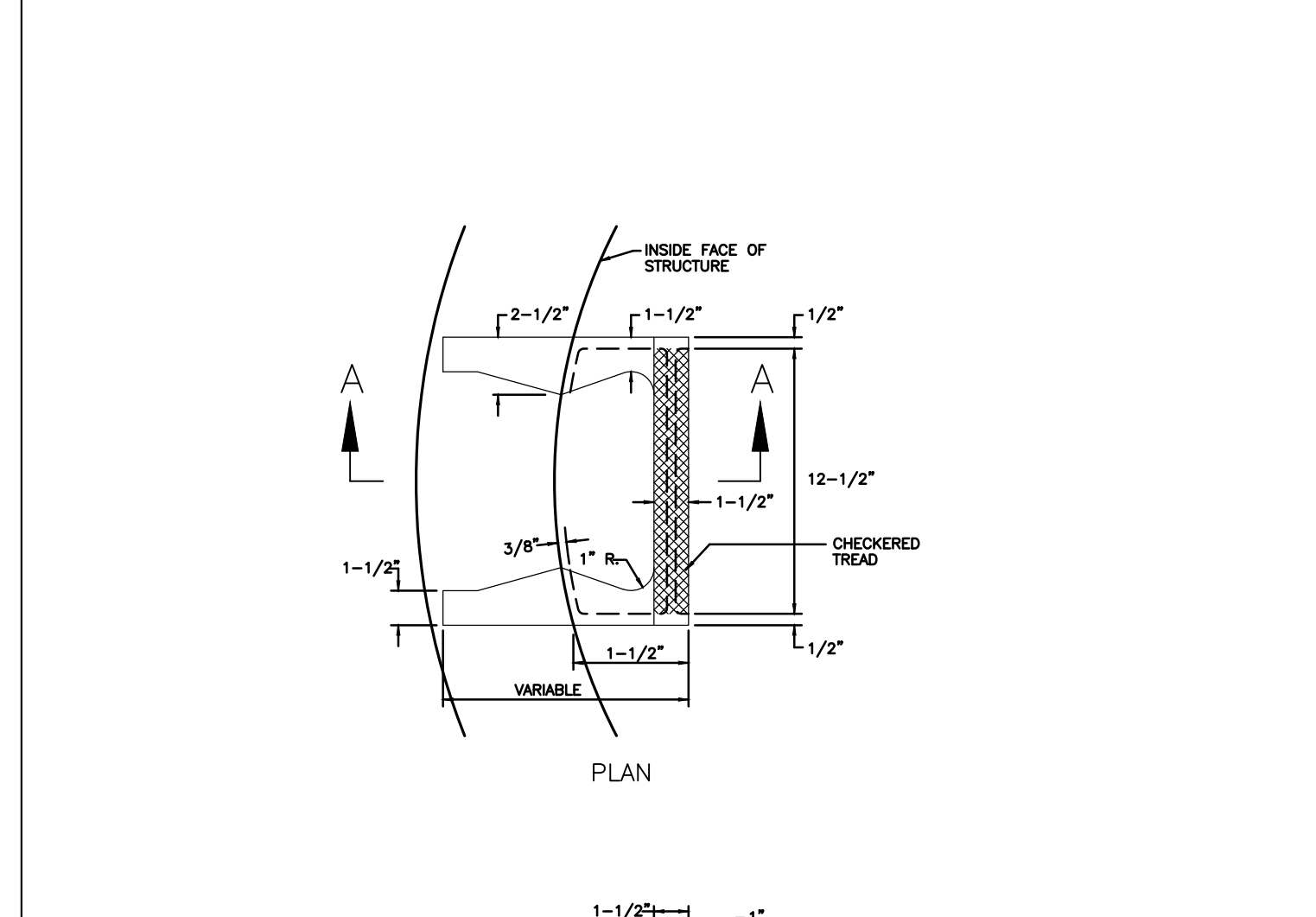
REV: DRG	REV: 5-5-16	VILLAGE OF LOMBARD	2
REV: C701	REV: 5-5-16	STORM 2	C701
DRAWN BY: VJGL	DATE: 2-16-98	INLET TYPE A	



GENERAL NOTES:

1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTIONS. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
2. PROVIDE GRANULAR BACKFILL AROUND CATCHBASIN TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE (CA-6 GRADATION).
3. APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR EZ STICK) TO EACH JOINT BELOW THE BOTTOM OF CONE OR FLATTOP TO PREVENT INFLOW.
4. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. EACH RING AND THE FRAME SHALL BE SET ON A BED OF NON-PREFORMED MASTIC.
5. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
6. WITHIN NON-PAVED AREAS, MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAMES ON THE EXTERIOR OF THE STRUCTURE. MORTAR IS NOT PERMITTED ON THE INSIDE OF THE RINGS AND/OR FRAME.
7. ONLY PLASTIC POLYMER STEPS SHALL BE USED.
8. WHEN CATCHBASIN DEPTH IS OVER 12 FEET, THE THICKNESS OF THE PRECAST, REINFORCED CONCRETE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN CATCHBASIN DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.
9. DRESS UP INTERIOR JOINTS OF PRECAST CATCHBASIN AND OPENINGS AROUND THE PIPES WITH HYDRAULIC CEMENT.
10. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
11. IN GRASSSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

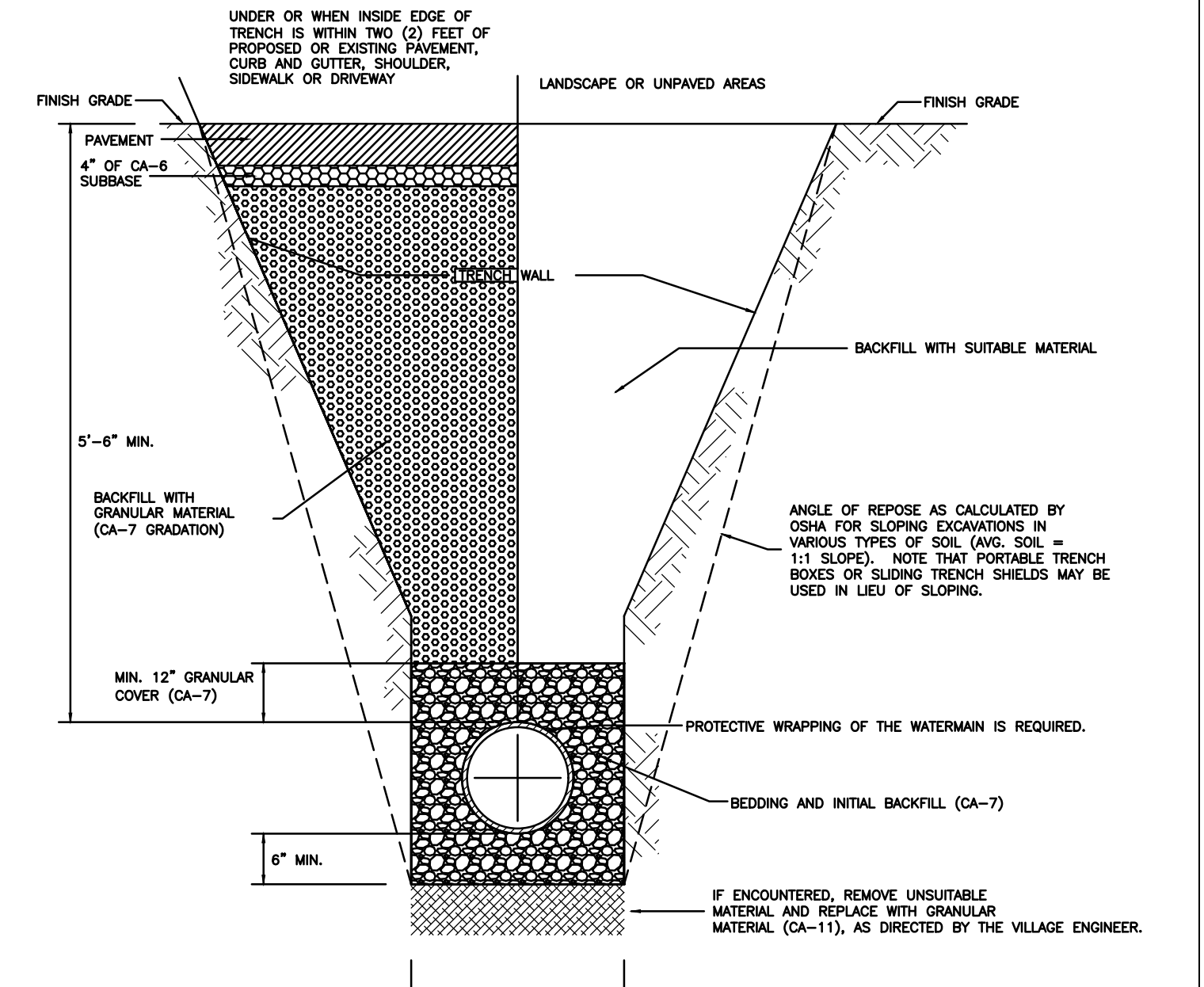
REV: DRG	REV: 01-06-09	VILLAGE OF LOMBARD	3
REV: C701	REV: 01-06-09	STORM 3	C701
DRAWN BY: VJGL	DATE: 2-16-98	CATCH BASIN TYPE A	



GENERAL NOTES:

1. ONLY PLASTIC POLYMER STEPS SHALL BE USED WHEN STEPS ARE SPECIFIED.
2. ONLY WHEN SPECIFIED, STEPS SHALL BE EMBEDDED INTO WALL A MINIMUM OF 4 INCHES. STEPS SHALL NOT BE EXTENDED BEYOND THE OUTSIDE OF THE STRUCTURE.

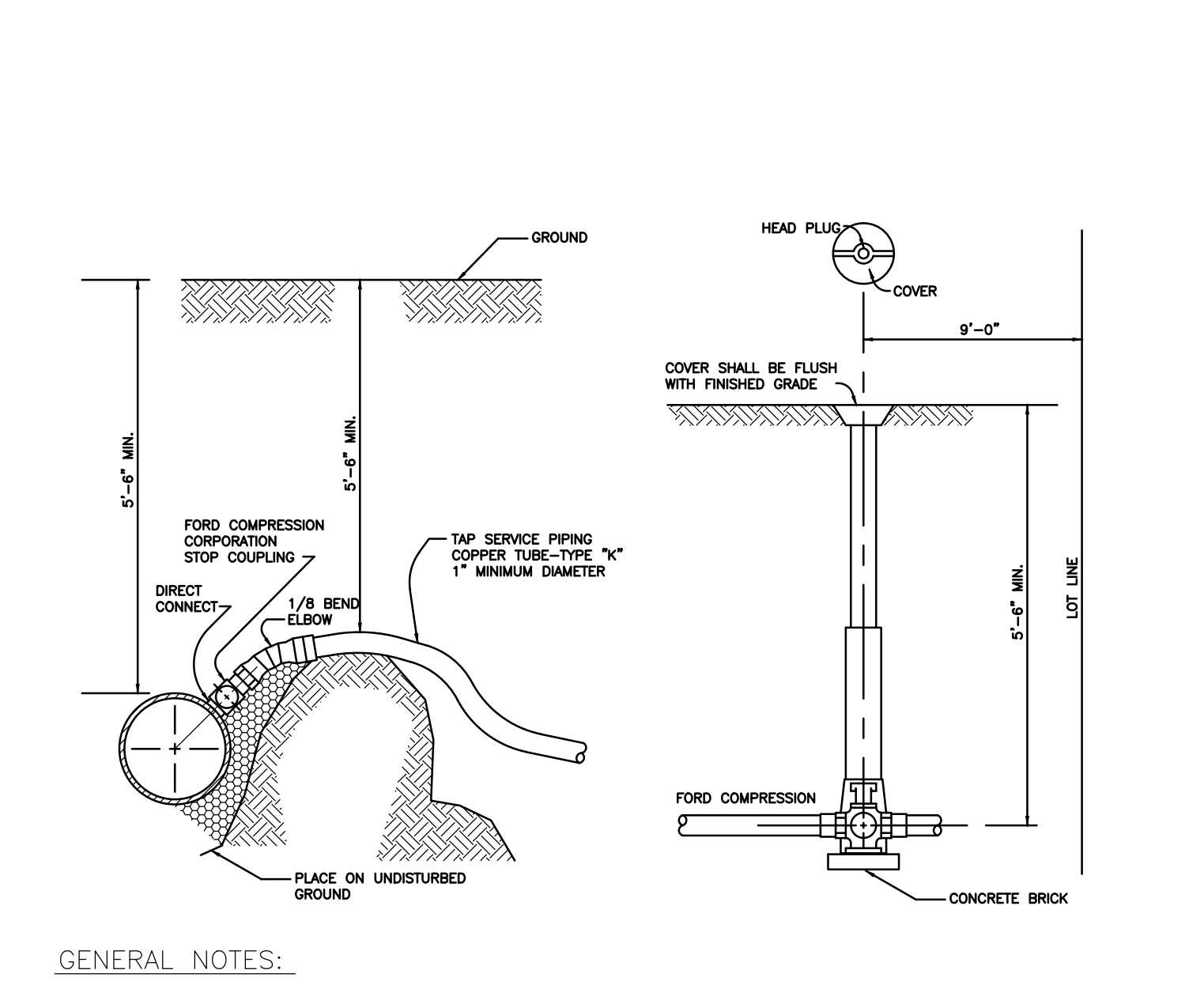
REV: DRG	REV: 04-23-18	VILLAGE OF LOMBARD	4
REV: C701	REV: 04-23-18	STORM 13	C701
DRAWN BY: VJGL	DATE: 02-16-98	MANHOLE STEP	



GENERAL NOTES:

1. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE GOVERNING REGULATIONS, INCLUDING BUT NOT LIMITED TO OSHA SAFETY STANDARDS.
2. ALL BACKFILL MATERIAL UP TO A HEIGHT OF 12 INCHES ABOVE THE PIPE SHALL BE CAREFULLY DEPOSITED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES THICK (LOOSE MEASURE). THE MATERIAL IN EACH LAYER SHALL BE FIRMLY COMPACTED BY RAMMING OR TAMPING WITH TOOLS APPROVED BY THE VILLAGE ENGINEER IN SUCH A MANNER AS NOT TO DISTURB OR DAMAGE THE PIPE. THE BACKFILLING ABOVE THIS HEIGHT SHALL BE DONE AS NOTED BELOW.
3. GRANULAR BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED IN NOTE 2, ABOVE. THE USE OF JETTING SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE VILLAGE ENGINEER. IT SHALL BE THE DESIGN ENGINEER OR CONTRACTOR'S RESPONSIBILITY TO PROVIDE APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE VILLAGE ENGINEER WITH THE REQUEST FOR APPROVAL OF JETTING. NO RECYCLED CONCRETE SHALL BE ALLOWED.
4. BACKFILL MATERIAL CONSISTING OF SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING TWELVE (12) INCHES THICK (LOOSE MEASURE) AND EACH LAYER SHALL BE COMPACTED BY RAMMING OR TAMPING TO ACHIEVE THE REQUIRED COMPACTION. JETTING OF THIS MATERIAL MAY BE PERMITTED WHEN AUTHORIZED IN WRITING BY THE VILLAGE ENGINEER. IT SHALL BE THE DESIGN ENGINEER OR THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE VILLAGE ENGINEER WITH THE REQUEST FOR APPROVAL OF JETTING.

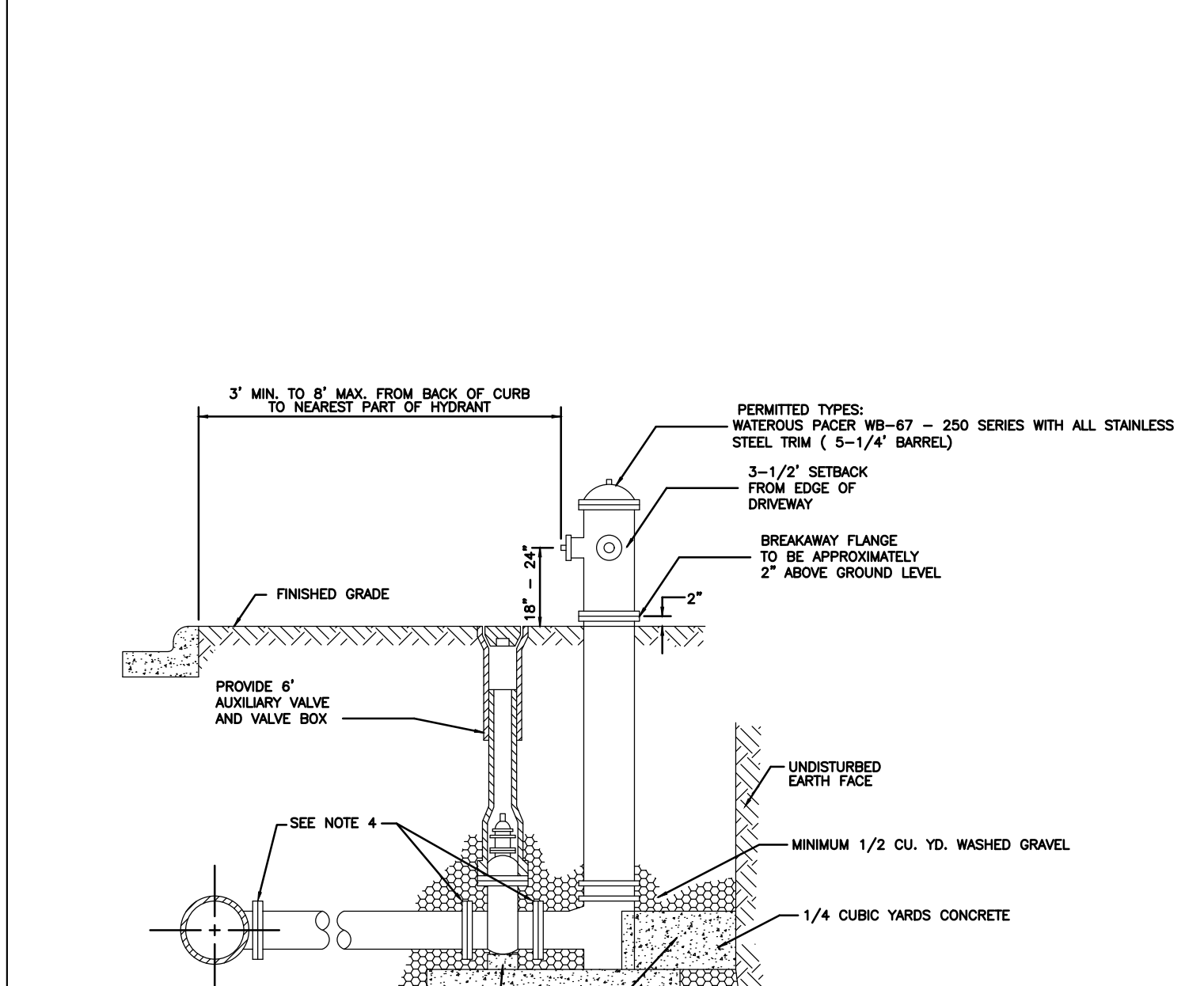
REV: DRG	REV: 4-23-18	VILLAGE OF LOMBARD	5
REV: C701	REV: 4-23-18	WATER 7	C701
DRAWN BY: VJGL	DATE: 2-16-98	WATER MAIN TRENCH SECTION	



GENERAL NOTES:

1. WATER SERVICE LINE SHALL BE TYPE K COPPER MANUFACTURED IN ACCORDANCE WITH ASTM B88 AND B251 OR APPROVED EQUAL.
2. FOR 1" SERVICE LINES CORPORATION STOPS SHALL BE EITHER MUELLER H-15008N OR FORD F600-NL OR APPROVED EQUAL.
3. FOR 1 1/2" AND 2" SERVICE LINES CORPORATION STOPS SHALL BE EITHER MUELLER B-25008N OR FORD F600-NL OR APPROVED EQUAL.
4. SERVICE LINES GREATER THAN 1" IN DIAMETER SHALL HAVE A STAINLESS STEEL SADDLE (SMITH BLAIR 238 FULL CIRCLE REPAIR CLAMP OR APPROVED EQUAL).
5. B-BOX SHALL BE MUELLER H-10302 OR APPROVED EQUAL.
6. CORPORATION STOPS SHALL BE INSTALLED A MINIMUM OF 18" FROM BELL SECTIONS AND/OR PIPE FITTINGS. MULTIPLE INSTALLATIONS SHALL BE STAGGERED AROUND THE MAIN BY 90% AND SEPARATED BY 18".

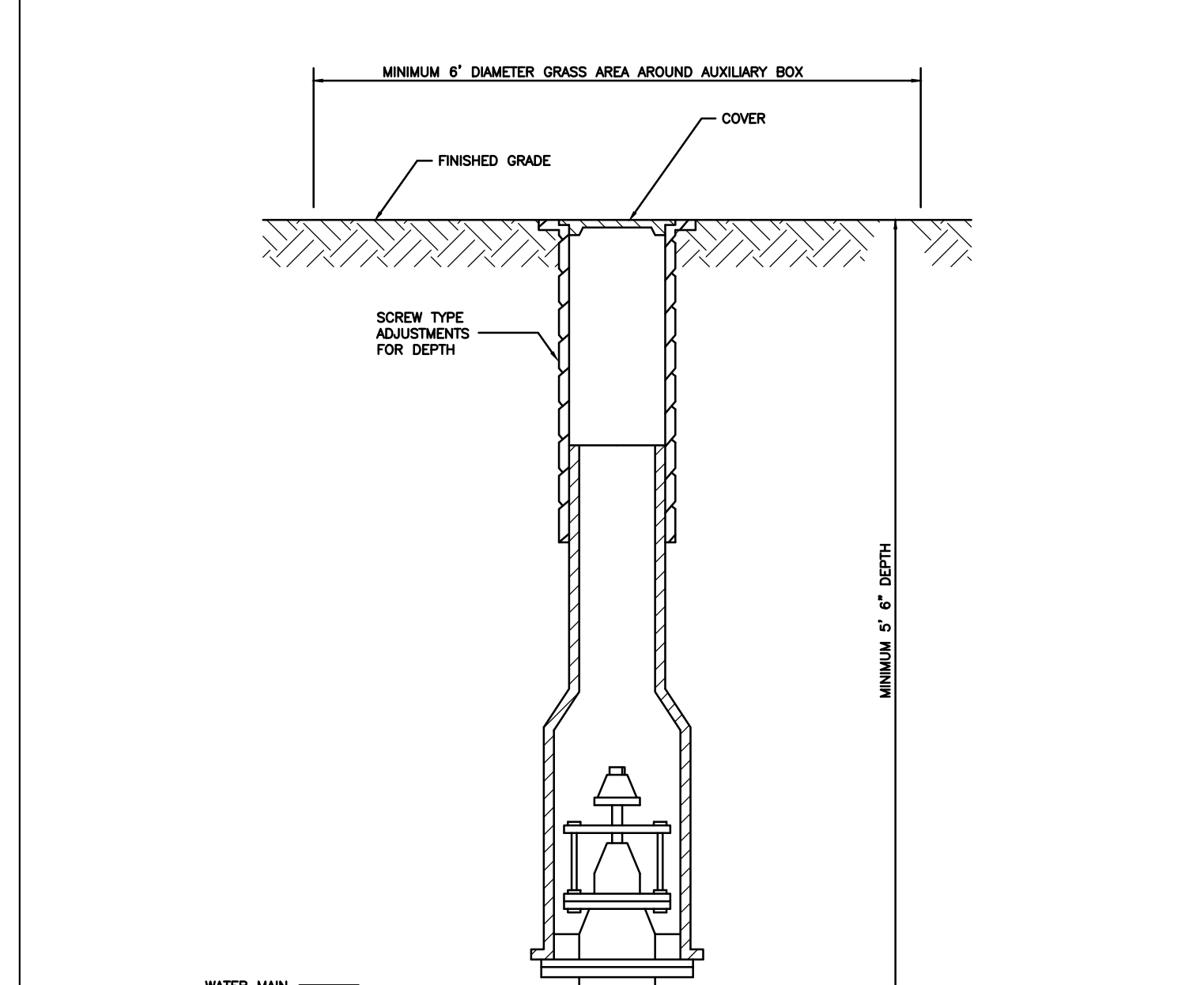
REV: DRG	REV: 2-22-18	VILLAGE OF LOMBARD	6
REV: C701	REV: 2-22-18	WATER 1	C701
DRAWN BY: VJGL	DATE: 2-16-98	WATER SERVICE TAP AND CONNECTION	



GENERAL NOTES:

1. MAXIMUM BARREL EXTENSIONS ARE 18 INCHES AND SHALL BE WATEROUS EXTENSION FOR WATEROUS HYDRANTS.
2. ALL HYDRANTS ARE TO BE SUPPLIED WITH A 6" FLANGED AND MECHANICAL JOINT AUXILIARY VALVE THAT CONFORMS TO AWMA C515. THE GATE VALVE STEM AND WEDGE NUT SHALL CONFORM WITH SECTION 4.4.5.1 OF AWMA 515. ALL TRIM BOLTS ARE TO BE STAINLESS STEEL.
3. THE HYDRANT WILL EXCEED ALL THE REQUIREMENTS OF AWMA C502.
4. RESTRAINED JOINTS ARE REQUIRED THROUGHOUT THE FIRE HYDRANT ASSEMBLY.

REV: DRG	REV: 12-11-09	VILLAGE OF LOMBARD	7
REV: C701	REV: 12-11-09	WATER 2	C701
DRAWN BY: VJGL	DATE: 2-16-98	HYDRANT SETTING	



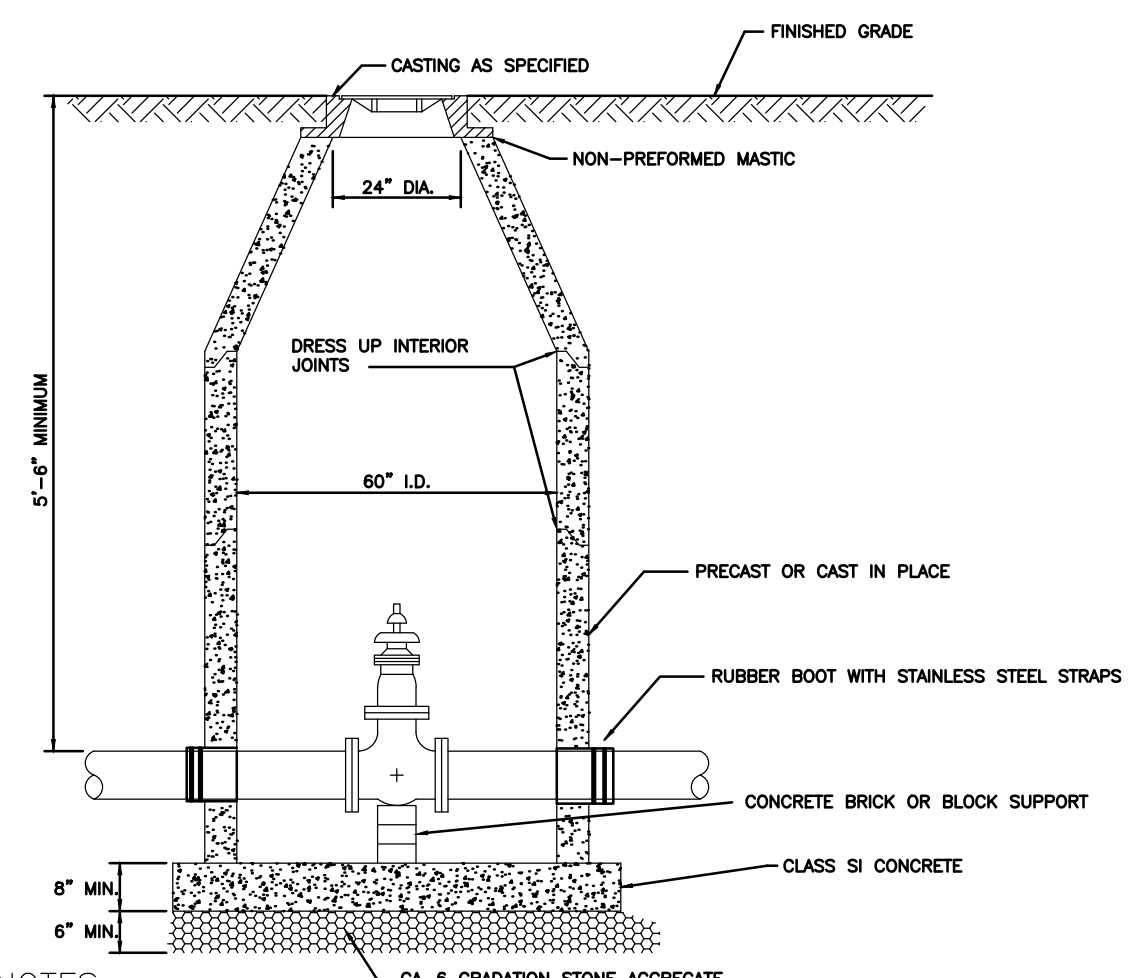
GENERAL NOTES:

1. ALL VALVES 2-1/2" OR LARGER SHALL BE PLACED IN A VALVE VAULT, UNLESS APPROVED BY THE VILLAGE ENGINEER.
2. VALVES SHALL BE MUELLER A-2360 RESILIENT WEDGE GATE VALVE WITH STAINLESS STEEL TRIM BOLTS OR WATEROUS 2500 RESILIENT WEDGE GATE VALVE WITH STAINLESS STEEL TRIM BOLTS OR APPROVED EQUAL.
3. VALVES THAT REQUIRE RESTRAINT JOINTS, MAY USE FIELD-LOK OR MEGA LUG BRANDS.

REV: DRG	REV: 5-17-10	VILLAGE OF LOMBARD	8
REV: C701	REV: 5-17-10	WATER 3	C701
DRAWN BY: VJGL	DATE: 2-16-98	VALVE BOX INSTALLATION	

PROJECT No:	080220	DATE:	01/17/20
DES. DR.:	JL DH	CKD.:	JG
1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.495.3731			
SITE IMPROVEMENT PLANS NORBURY CROSSINGS 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE. LOMBARD, DUPAGE COUNTY, ILLINOIS			
SHEET NO.		C701	

Layout Tab Name: C702 DETAILS, Images: . Xrefs: 080220-TBLK.dwg
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- GENERAL NOTES:**
1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
 2. PROVIDE TRENCH BACKFILL, CA-6 GRADATION, AROUND MANHOLE TO SUBGRADE ELEVATION IN PAVED AREAS.
 3. APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR E Z STICK).
 4. WHEN THE FRAME DOES NOT MEET THE PROPOSED ELEVATION, ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. A MAXIMUM OF 3 ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. CONCRETE, RUBBERIZED, HIGH DENSITY EXPANDED POLYSTYRENE WITH A POLYUREA COATING OR EXPANDED POLYPROPYLENE RINGS MAY BE USED (ALL RINGS MUST BE DOT APPROVED). CONCRETE RINGS MAY BE NO LESS THAN 3 INCHES THICK. EACH RING SHALL BE SEALED UNDERNEATH THE FRAME PER THE PRODUCT MANUFACTURERS SPECIFICATIONS WITH THE APPROVAL OF THE ENGINEER.
 5. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF 3 INCHES.
 6. WITHIN NON-PAVED AREAS, MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME ON THE EXTERIOR OF THE STRUCTURE. MORTAR IS NOT PERMITTED ON THE INSIDE OF THE RINGS AND/OR FRAME.
 7. STEPS SHALL NOT BE INSTALLED, UNLESS SPECIFIED.
 8. DRESS UP INTERIOR JOINTS WITH HYDRAULIC CEMENT.
 9. VALVE MUST ALIGN WITH CENTER OF VAULT OPENING.
 10. CONES MUST BE CONCENTRIC WITH VALVES 12" AND SMALLER.
 11. BUTTERFLY VALVES REQUIRE ECCENTRIC CONES.
 12. ALL VALVE VAULTS REQUIRE RUBBER BOOTS WITH STAINLESS STEEL STRAPS WITH THE EXCEPTION OF PRESSURE CONNECTION VALVE VAULTS. (PER WATER DETAIL 10).
 13. OUTSIDE OF PAVED AREAS, A CHIMNEY SEALING SYSTEM, PER VILLAGE DETAIL SANITARY 6 SHALL BE INSTALLED.

REV: JKB	REV: 04-23-18
REV: DRG	REV: 02-12-15
REV: ERH	REV: 01-08-09
DRAWN BY: VJGL	DATE: 02-16-98

WATER TIGHT VALVE VAULT

VILLAGE OF LOMBARD
WATER 4

1
C702

REV: ERH	REV: 5-17-10
REV: ERH	REV: 3-20-99
DRAWN BY: VJGL	DATE: 2-16-98

VALVE VAULT FRAME AND COVER

VILLAGE OF LOMBARD
WATER 5

2
C702

REV: AK	REV: 12-11-09
REV: ERH	REV: 3-20-99
DRAWN BY: VJGL	DATE: 2-16-98

THRUST BLOCK INSTALLATION

VILLAGE OF LOMBARD
WATER 6

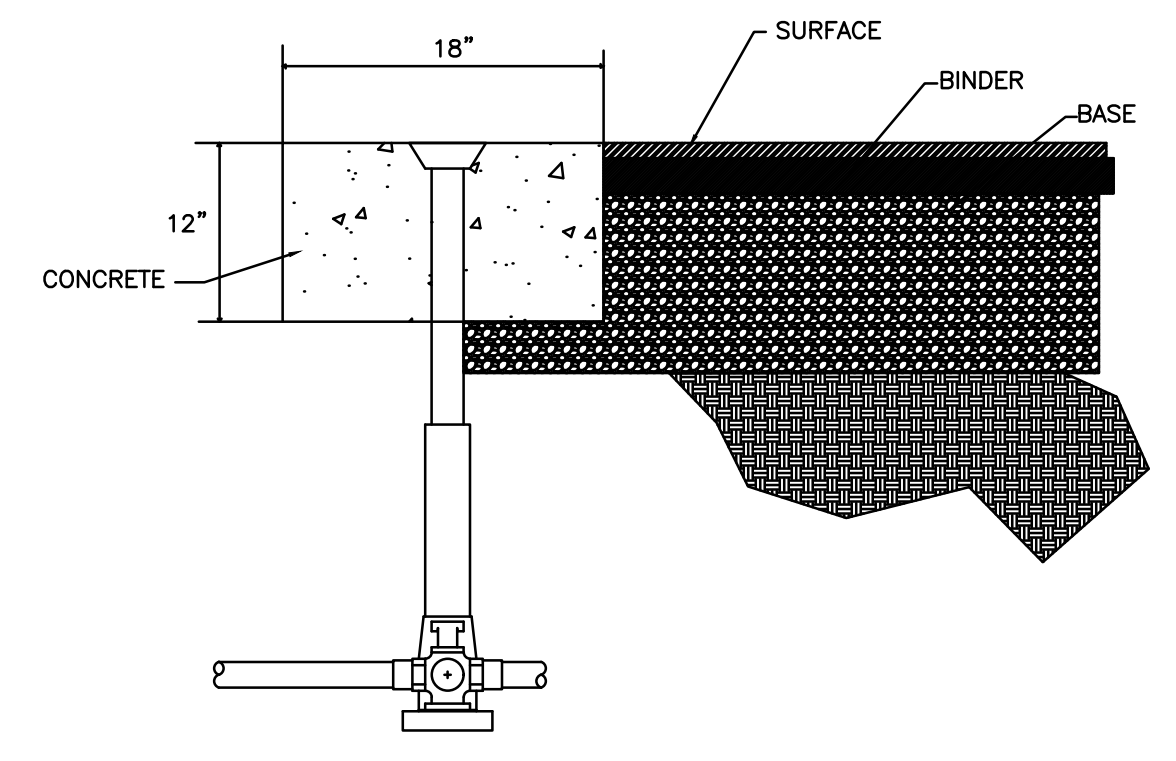
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C702

REV: DRG	REV: 5-18-15
REV: ERH	REV: 5-17-10
DRAWN BY: VJGL	DATE: 2-04-00

TYPICAL PRESSURE CONNECTION IN VAULT

VILLAGE OF LOMBARD
WATER 10

4
C702



- GENERAL NOTES:**
1. CONCRETE COLLAR AROUND B-BOX WHEN B-BOX FALLS IN ASPHALT PAVEMENT.

REV: DRG	REV: 2-17-2010
REV: ERH	REV: 3-19-01
DRAWN BY: VJGL	DATE: 2-16-98

B-BOX ENCASEMENT

VILLAGE OF LOMBARD
WATER 11

5
C702

REV: CJK	REV: 2-17-2010
REV: ERH	REV: 3-19-01
DRAWN BY: VJGL	DATE: 2-16-98

WATER AND SEWER SEPARATION

VILLAGE OF LOMBARD
WATER 8

6
C702

REV: JKB	REV: 4-23-18
REV: DRG	REV: 4-20-17
REV: DRG	REV: 2-22-16
DRAWN BY: VJGL	DATE: 2-16-98

SANITARY SEWER TRENCH SECTION

VILLAGE OF LOMBARD
SANITARY 5

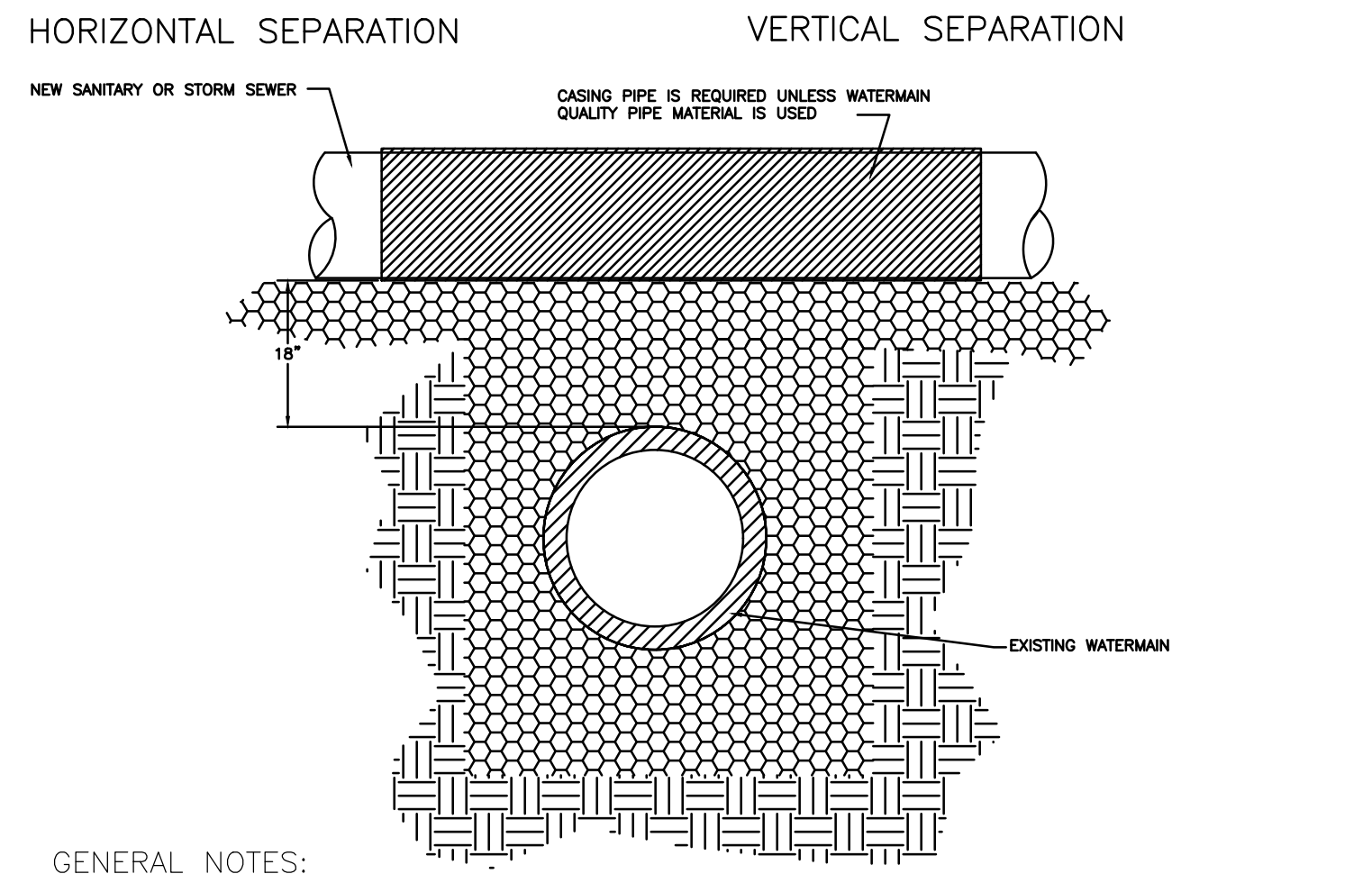
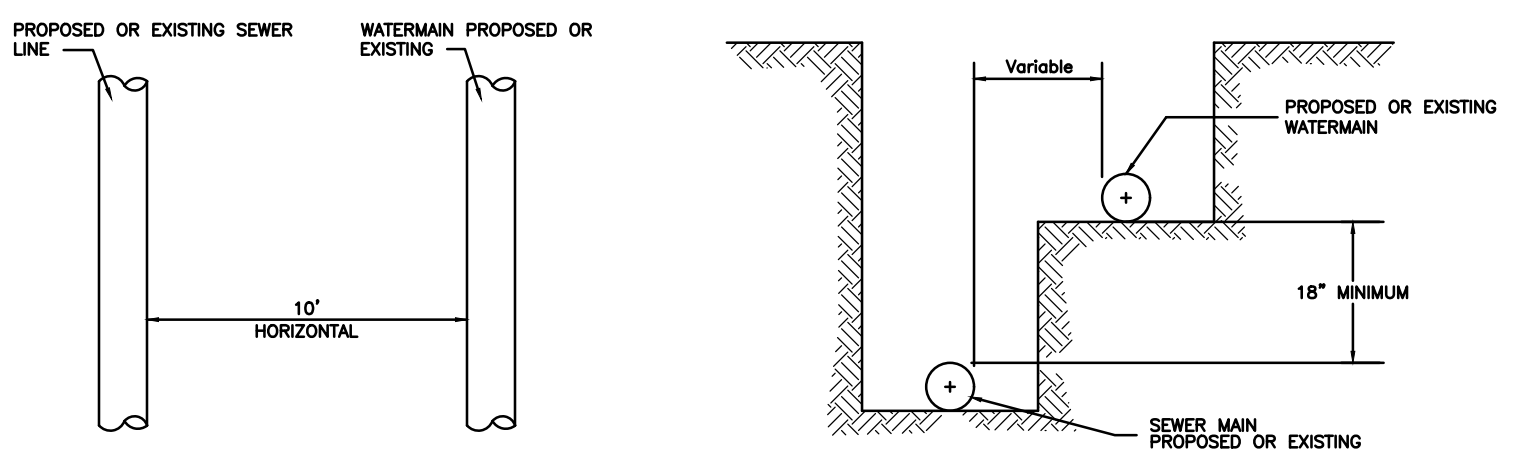
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C702

REV: CH	REV: 2-15-16
REV: ERH	REV: 11-15-06
DRAWN BY: VJGL	DATE: 2-16-98

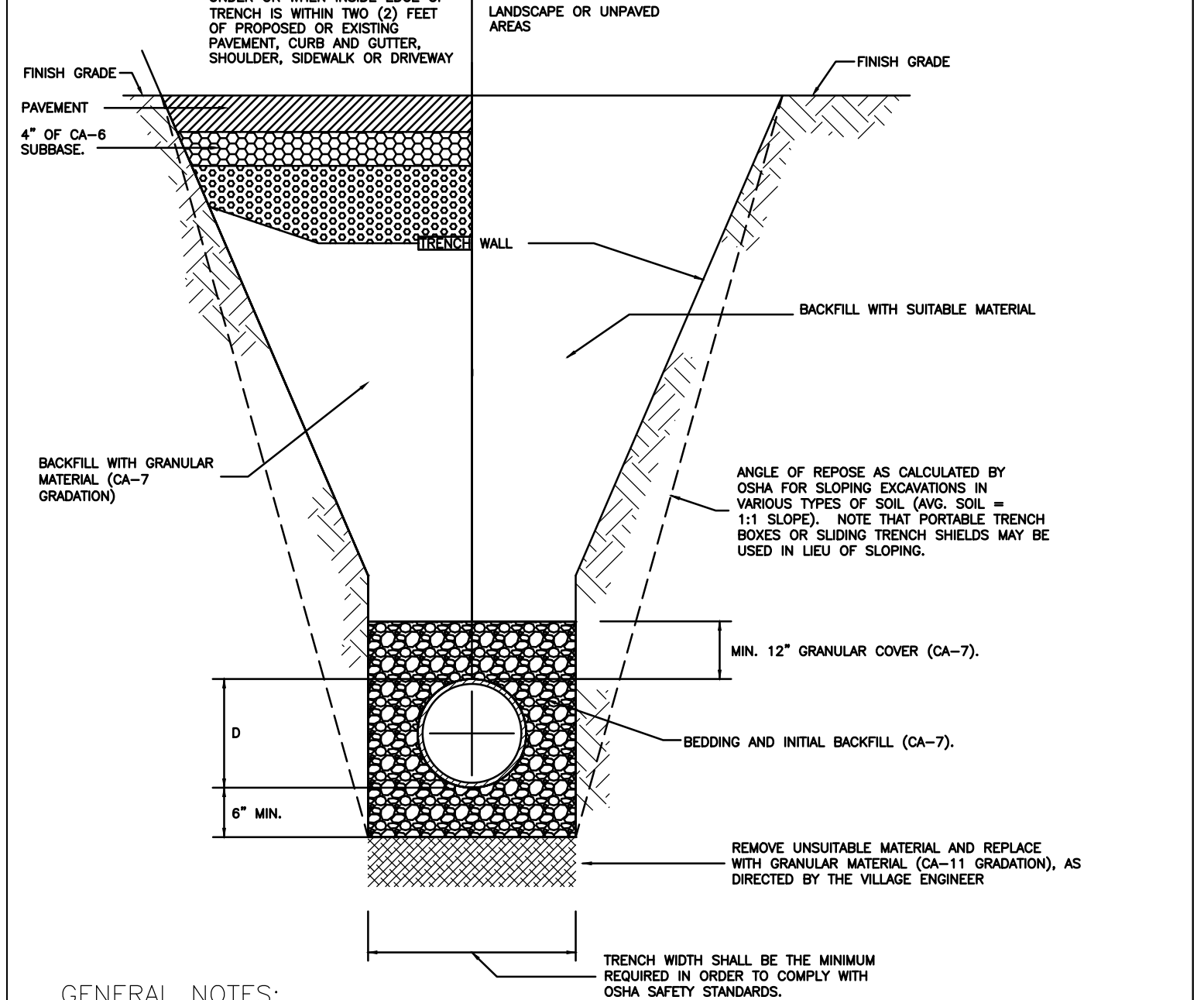
SANITARY SEWER TRENCH SECTION

VILLAGE OF LOMBARD
SANITARY 5A

8
C702



- GENERAL NOTES:**
1. WHEN THE MINIMUM 10 FEET HORIZONTAL SEPARATION CANNOT BE ACHIEVED, AN 18 INCH VERTICAL SEPARATION MAY BE PERMITTED. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR ALL PORTIONS OF THE WATERMAIN THAT ARE WITHIN 10 HORIZONTAL FEET OF ANY SEWER OR DRAIN.
 2. WHEN THE WATERMAIN MUST PASS UNDER A SEWER OR DRAIN, BOTH THE WATERMAIN AND SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT DUCTILE IRON PIPE, PRE-STRESSED CONCRETE PIPE, OR PVC PIPE MEETING WATERMAIN STANDARDS. (SEE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS).
 3. WHEN THE WATERMAIN CROSSES UNDER A SEWER GREATER THAN 24 INCH IN DIAMETER, OR WHEN DIRECTED BY THE ENGINEER, THE SEWER SHALL BE SUPPORTED TO PREVENT SETTLING AND BREAKING OF THE WATER MAIN. REFER TO THE VILLAGE OF LOMBARD "CONCRETE SADDLE SUPPORT" DETAIL.



- GENERAL NOTES:**
1. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE GOVERNING REGULATIONS, INCLUDING BUT NOT LIMITED TO OSHA SAFETY STANDARDS.
 2. ALL BACKFILL MATERIAL UP TO A HEIGHT OF 12 INCHES ABOVE THE PIPE SHALL BE CAREFULLY DEPOSITED IN UNIFORM LAYERS NOT EXCEEDING 8 INCHES THICK (LOOSE MEASURE). THE MATERIAL IN EACH LAYER SHALL BE FIRMLY COMPACTED BY RAMMING OR TAMPING WITH TOOLS APPROVED BY THE VILLAGE ENGINEER IN SUCH A MANNER AS NOT TO DISTURB OR DAMAGE THE PIPE. THE BACKFILLING ABOVE THIS HEIGHT SHALL BE DONE AS NOTED BELOW.
 3. GRANULAR BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED IN NOTE 2, ABOVE. THE USE OF JETTING SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE VILLAGE ENGINEER. IT SHALL BE THE DESIGN ENGINEER OR CONTRACTOR'S RESPONSIBILITY TO SUBMIT APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE VILLAGE ENGINEER WITH THE REQUEST FOR APPROVAL OF JETTING.
 4. BACKFILL MATERIAL CONSISTING OF SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING TWELVE (12) INCHES THICK (LOOSE MEASURE) AND EACH LAYER SHALL BE COMPACTED BY RAMMING OR TAMPING TO ACHIEVE THE REQUIRED COMPACTION. JETTING OF THIS MATERIAL MAY BE PERMITTED WHEN AUTHORIZED IN WRITING BY THE VILLAGE ENGINEER. IT SHALL BE THE DESIGN ENGINEER OR THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOIL INVESTIGATION REPORTS, ETC.) TO THE VILLAGE ENGINEER WITH THE REQUEST FOR APPROVAL OF JETTING.

- GENERAL NOTES CONT.:**
5. GRANULAR MATERIAL FOR BACKFILL AND BEDDING SHALL BE GRAVEL, CRUSHED GRAVEL OR STONE MEETING THE REQUIREMENTS OF THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE, OF THE GRADATION SPECIFIED. NO RECYCLED CONCRETE SHALL BE ALLOWED.
 6. MINIMUM COVER OVER THE TOP OF PIPE SHALL BE TWELVE (12) INCHES BELOW FINISHED SUBGRADE IN PAVED AREAS AND TWELVE (12) INCHES BELOW FINISHED GRADE IN LANDSCAPE AREAS.
 7. THE BEDDING THICKNESS SHALL BE EQUAL TO ONE-QUARTER (1/4) OF THE OUTSIDE DIAMETER OF THE PIPE BUT NOT LESS THAN SIX (6) INCHES.

REVISION	No.	DATE

PROJECT No: 080220
 DATE: 01/17/20
 DES: JL
 DR: DH
 CKD: JG

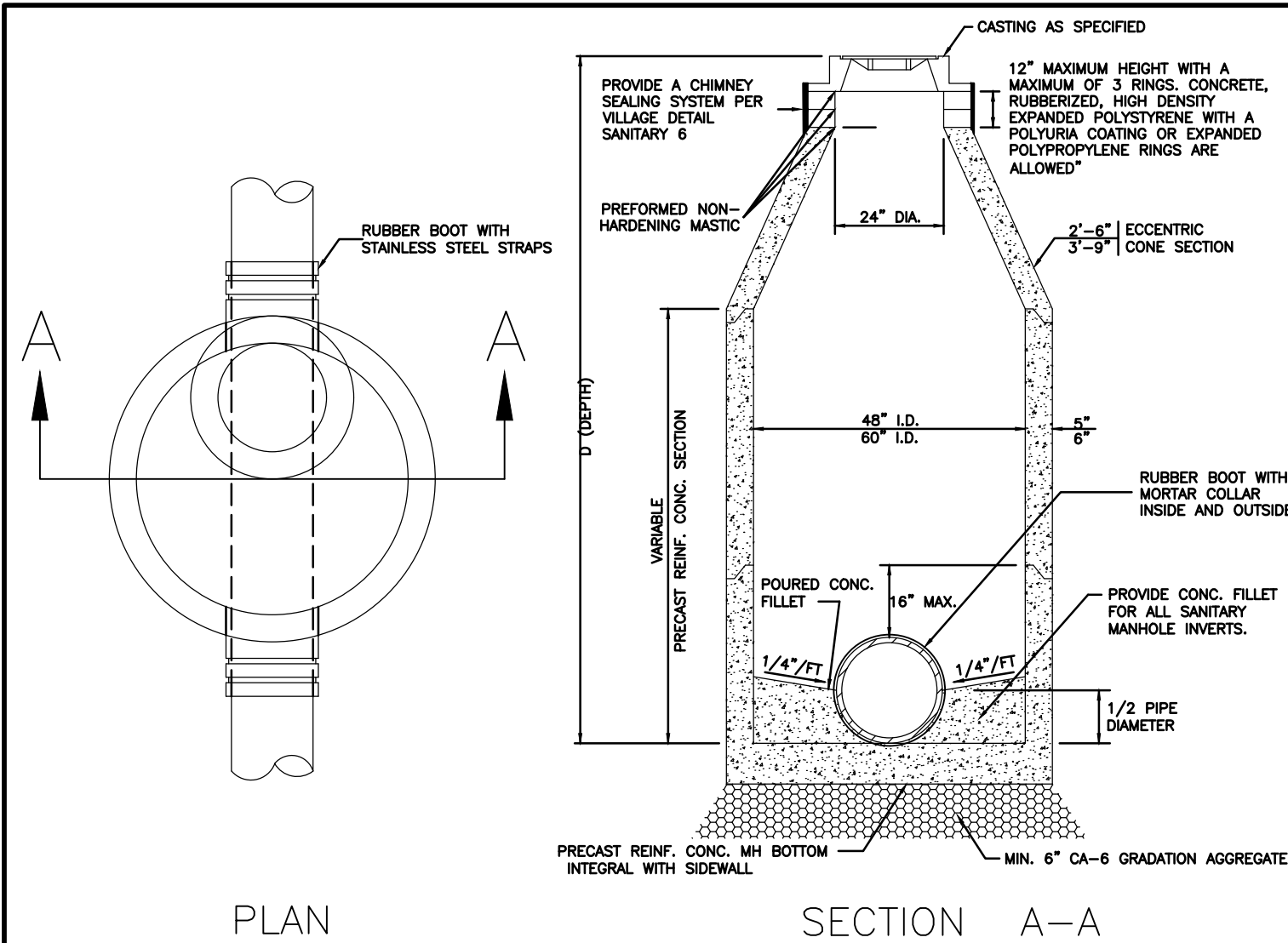
1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
 FAX: 630.485.3731

WOOLPERT
 ARCHITECTURAL ENGINEERING (INCORPORATED)

**SITE IMPROVEMENT PLANS
 NORBURY CROSSINGS**
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

DETAILS

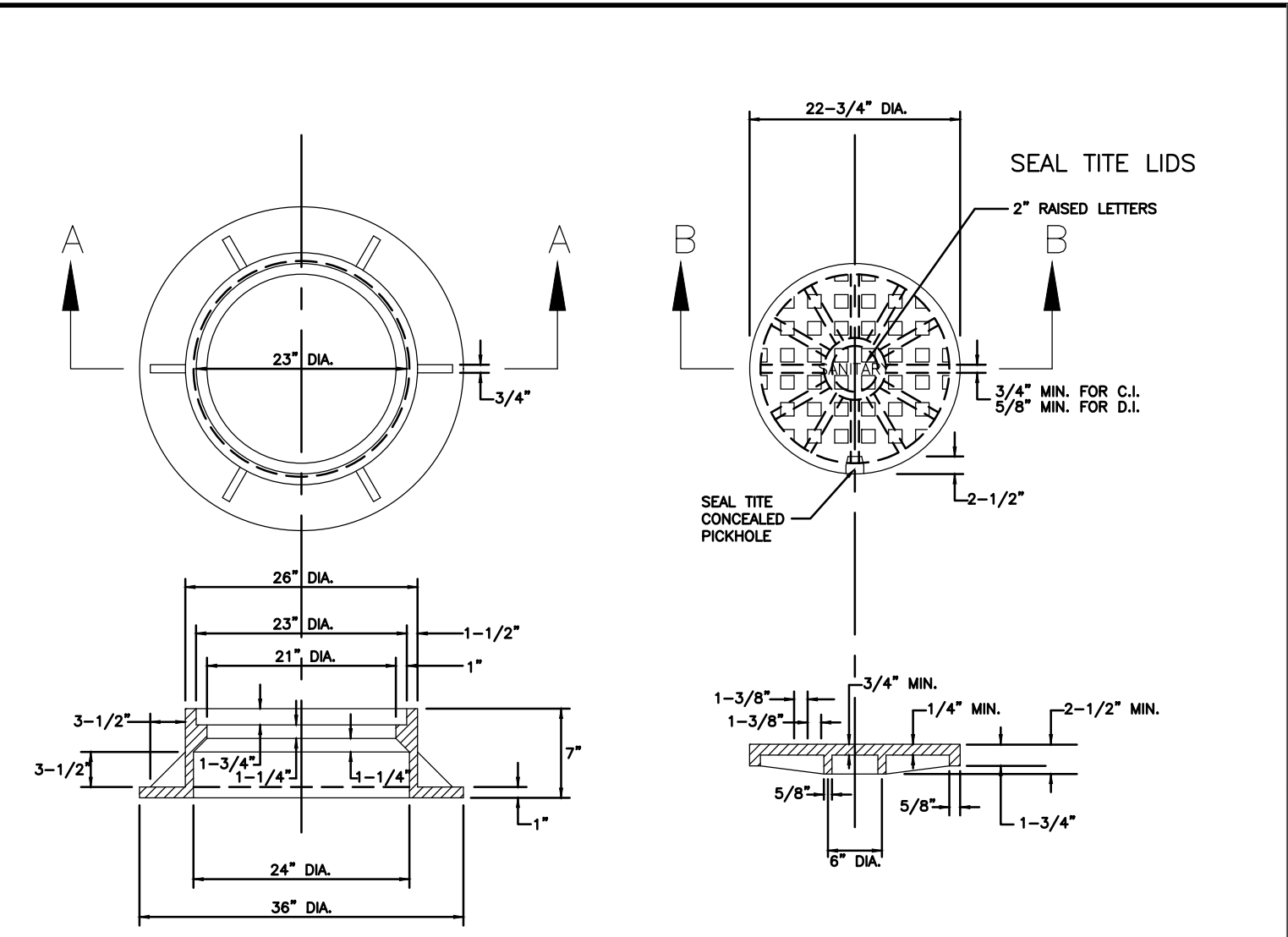
SHEET NO.
C702



GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- PROVIDE CA-6 GRANULAR BACKFILL AROUND MANHOLE TO SUBGRADE ELEVATION IN PAVED AREAS.
- APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR EZ STICK) TO EACH JOINT.
- WHEN THE FRAME DOES NOT MEET THE PROPOSED ELEVATION, ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. A MAXIMUM OF 3 ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. CONCRETE, RUBBERIZED, HIGH DENSITY EXPANDED POLYSTYRENE WITH A POLYURA COATING OR EXPANDED POLYPROPYLENE RINGS MAY BE USED (ALL RINGS MUST BE IDOT APPROVED). CONCRETE RINGS MAY BE NO LESS THAN 3 INCHES THICK. EACH RING SHALL BE SEALED UNDERNEATH THE FRAME PER THE PRODUCT MANUFACTURERS SPECIFICATIONS WITH THE APPROVAL OF THE ENGINEER.
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF 3 INCHES.
- MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
- WHEN SPECIFIED, PLASTIC POLYMER STEPS SHALL BE USED. STEPS SHALL NOT EXTEND BEYOND THE OUTSIDE OF THE STRUCTURE.
- WHEN MANHOLE DEPTH IS OVER 12 FEET, THE THICKNESS OF THE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN MANHOLE DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.
- DRESS UP INTERIOR JOINTS WITH THE HYDRAULIC CEMENT.
- OUTSIDE OF FULL DEPTH ROADWAY AREAS, SANITARY MANHOLES SHALL BE CONSTRUCTED WITH A CHIMNEY SEALING SYSTEM. REFER TO VILLAGE DETAIL SANITARY 6

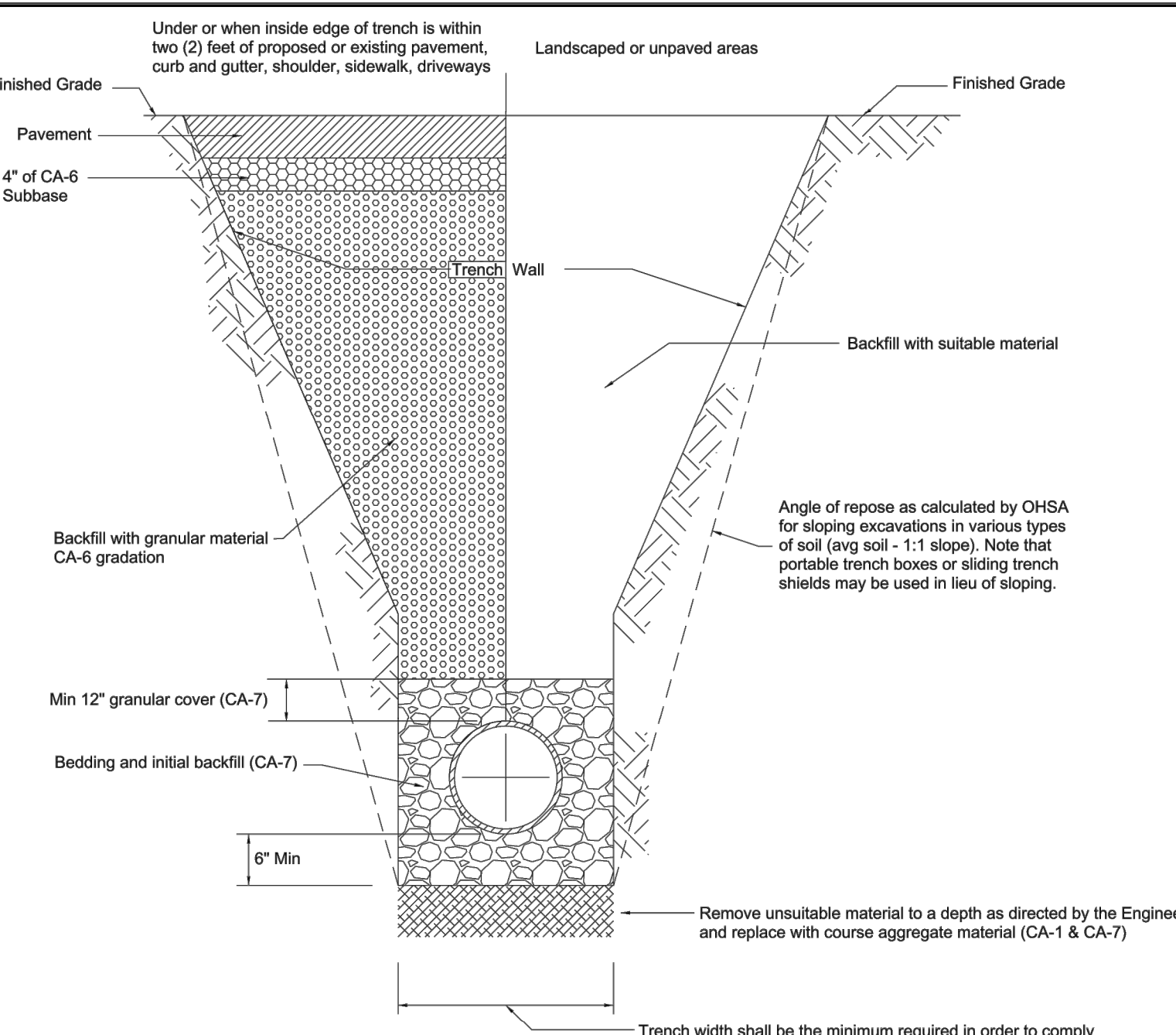
REV.:	DRG	REV.:	04-23-18	SANITARY MANHOLE	VILLAGE OF LOMBARD	1	C703
REV.:	DRG	REV.:	02-05-15				
REV.:	CJM	REV.:	02-17-10				
DRAWN BY:	VJGL	DATE:	02-16-98				



GENERAL NOTES:

- DUCTILE IRON CASTING SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
- ALL FRAMES AND COVERS SHALL HAVE A MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES IN THE COVER SHALL NOT BE OPEN.
- THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
- DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN IRON WORKS, INC. 1022 OR NEENAH FOUNDRY 1772 FURNISHED WITH TYPE F CONCEALED PICK HOLES.
- WATERPROOF, BOLTDOWN FRAME AND COVER SHALL BE USED IN ANY LOCATION SUBJECT TO INUNDATION. (NEENAH R-1916, EAST JORDAN 1022 WT WITH TYPE 5 CLOSED PICK HOLES OR APPROVED EQUAL).
- LIDS SHALL BE "WATERTITE" OR "SELF-SEALING" WITH A FACTORY INSTALLED GASKET.

REV.:	ERH	REV.:	5-17-10	SANITARY MANHOLE FRAME AND COVER	VILLAGE OF LOMBARD	2	C703
REV.:	ERH	REV.:	3-20-99				
DRAWN BY:	VJGL	DATE:	2-16-98				



GENERAL NOTES:

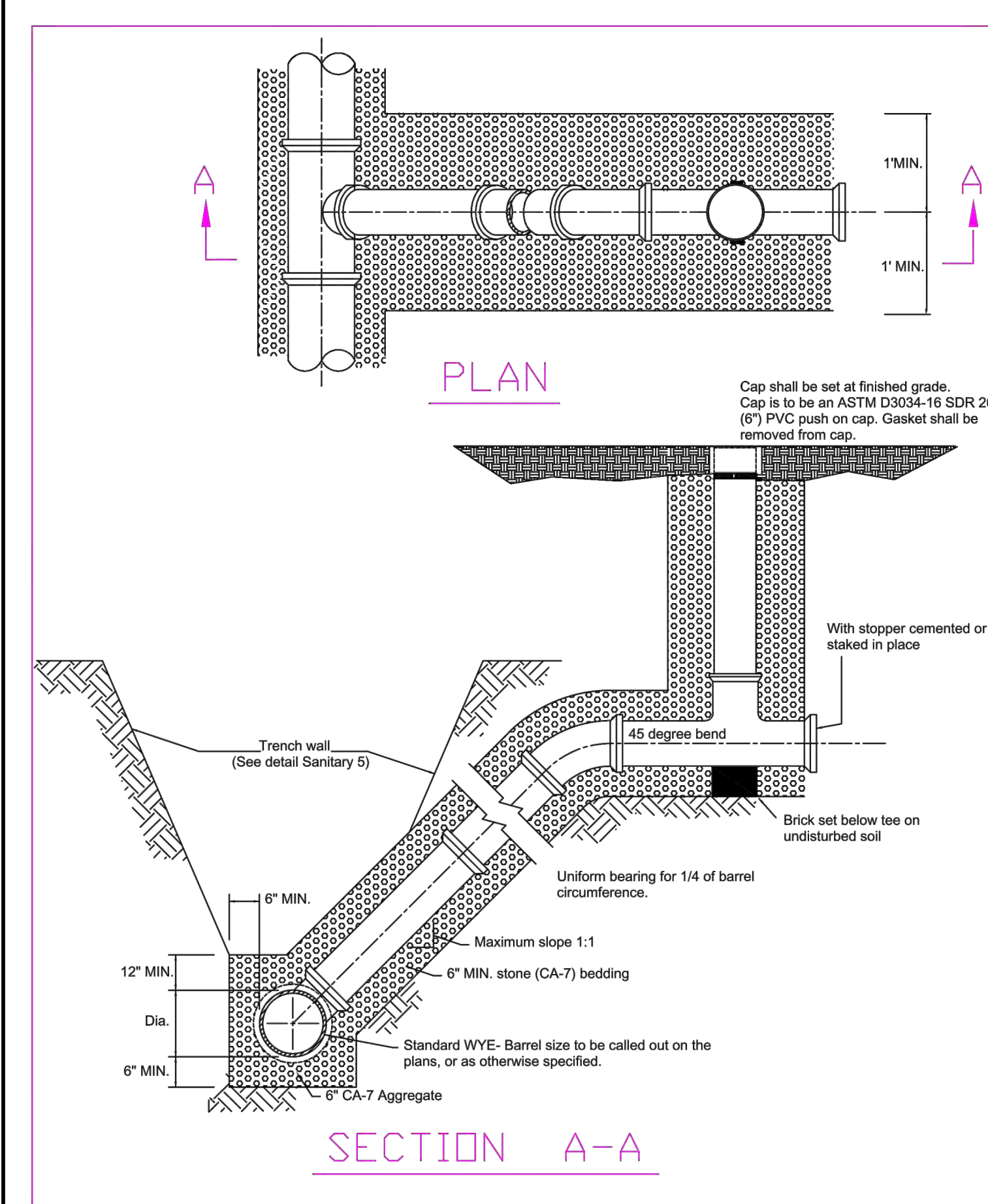
- The contractor shall comply with all applicable governing regulations, including but not limited to OSHA safety standards.
- Bedding thickness shall be a minimum of six(6) inches or one quarter (1/4) of the outside diameter of the pipe, whichever is greater.
- All bedding and pipe backfill material (up to a height of 12 inches above the pipe) shall be carefully deposited in uniform layers not exceeding 8 inches thick (loose measure). Each lift shall be compacted by mechanical means to the satisfaction of the Engineer.
- Under paved and/or hard surfaces, granular backfill material (CA-6) shall be placed and compacted as specified by the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Section 602.1 Method 1. The use of jeting (Method 3) shall not be allowed unless authorized in writing by the Village Engineer. It shall be the contractor's responsibility to provide appropriate justification (in the form of documentation) to the Village Engineer with the request for the approval of jeting.
- Granular material for bedding and backfill shall be gravel, crushed gravel or stone meeting the requirements of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction for course aggregate of the gradation specified. No recycled concrete shall be allowed.
- Under landscaped areas suitable backfill material shall be placed and compacted as specified in Note 4. The use of jeting (method 3) shall not be allowed unless authorized in writing by the Village Engineer. It shall be the contractor's responsibility to provide appropriate justification (in the form of documentation) to the Village Engineer with the request for the approval of jeting.
- When the inside edge of the trench is within two (2) feet of the proposed or existing pavement, curb, and gutter, shoulder, sidewalk, or driveway, granular material per note 4 shall be used.
- The minimum cover over the top of the rigid pipe shall be one (1) foot below the paved or landscaped finished grade. The minimum cover over the top of a flexible pipe, up to and including forty-eight (48) inches in diameter, shall be one (1) foot below the paved or landscaped finished grade. The minimum cover over the top of a flexible pipe, greater than forty-eight (48) inches in diameter, shall be eighteen (18) inches below the paved or landscaped finished grade.
- The maximum trench width allowed for payment of back fill shall be 18 inches plus the outer pipe diameter when the trench depth is less than 5 feet from subgrade to the pipe invert or 36 inches plus the outer pipe diameter when the trench depth is 5 feet or greater.

REV.:	BBW	REV.:	3-3-21	STORM SEWER TRENCH SECTION	VILLAGE OF LOMBARD	3	C703
REV.:	CEI	REV.:	1-14-20				
DRAWN BY:	VJGL	DATE:	2-16-98				

GENERAL NOTES CONT:

- BACKFILL MATERIAL CONSISTING OF SUITABLE EXCAVATED MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING TWELVE (12) INCHES THICK (LOOSE MEASURE) AND EACH LAYER SHALL BE COMPACTED BY RAMMING OR TAMPING TO ACHIEVE THE REQUIRED COMPACTION. JETTING OF THIS MATERIAL MAY BE PERMITTED WHEN AUTHORIZED IN WRITING BY THE VILLAGE ENGINEER. IT SHALL BE THE DESIGN ENGINEER OR THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT APPROPRIATE JUSTIFICATION AND DOCUMENTATION (SOILS INVESTIGATION REPORTS, ETC.) TO THE VILLAGE ENGINEER WITH THE REQUEST FOR APPROVAL OF JETTING.
- GRANULAR MATERIAL FOR BACKFILL AND BEDDING SHALL BE GRAVEL, CRUSHED GRAVEL OR STONE MEETING THE REQUIREMENTS OF THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COURSE AGGREGATE, OF THE GRADATION SPECIFIED. NO RECYCLED CONCRETE SHALL BE ALLOWED.
- MINIMUM COVER OVER THE TOP OF PIPE SHALL BE SIX (6) INCHES BELOW FINISHED SUBGRADE IN PAVED AREAS AND TWELVE (12) INCHES BELOW FINISHED GRADE IN LANDSCAPE AREAS.
- THE BEDDING THICKNESS SHALL BE EQUAL TO ONE-QUARTER (1/4) OF THE OUTSIDE DIAMETER OF THE PIPE BUT NOT LESS THAN SIX (6) INCHES.

REV.:	CEI	REV.:	2-18-15	STORM SEWER TRENCH SECTION	VILLAGE OF LOMBARD	4	C703
REV.:	ERH	REV.:	3-17-99				
DRAWN BY:	ERH	DATE:	2-16-98				

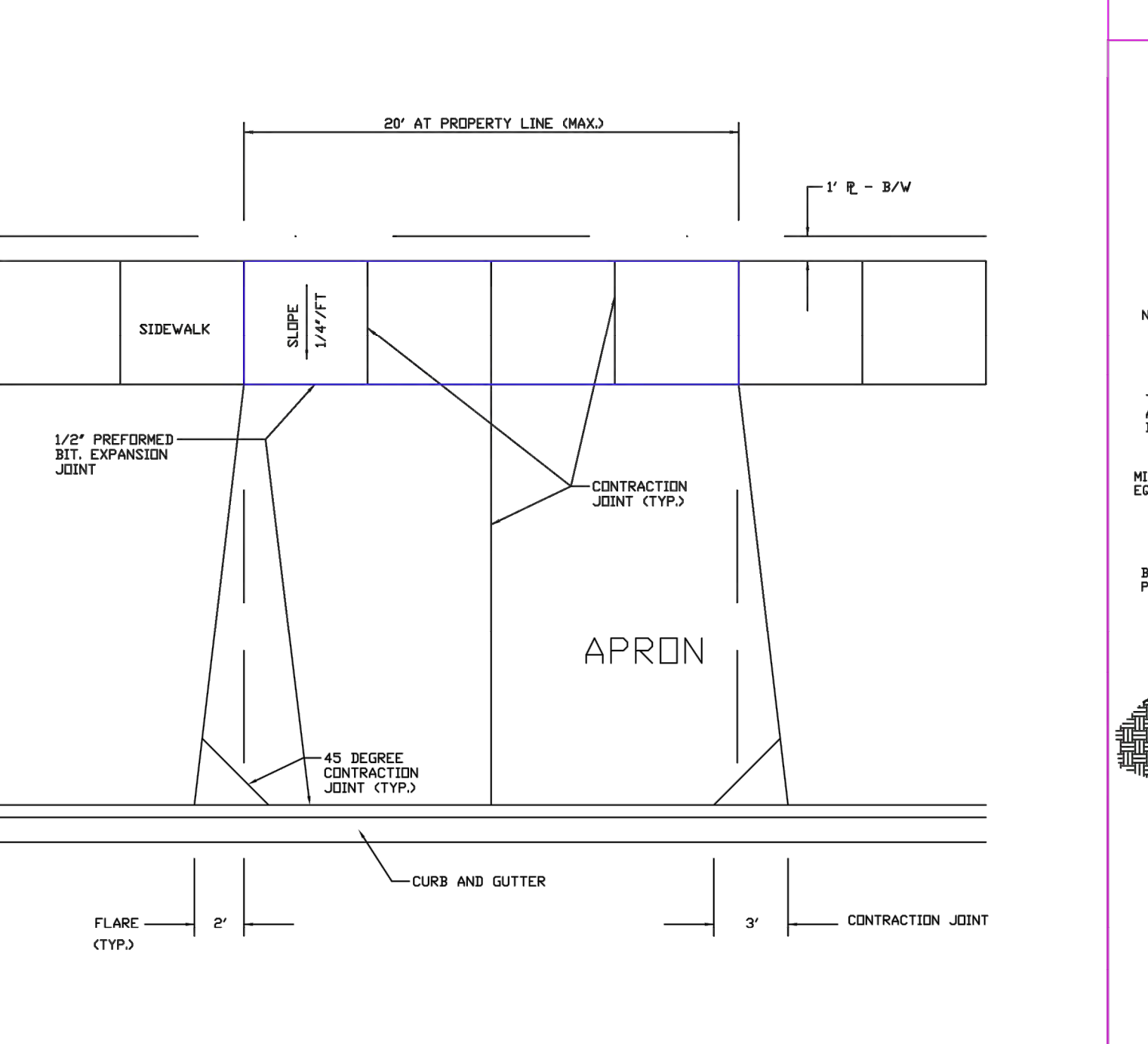


REV.:	BBW	REV.:	2-5-21	RISER W/CLEANOUT SERVICE LATERAL	VILLAGE OF LOMBARD	5	C703
REV.:	CEI	REV.:	2-12-15				
DRAWN BY:	VJGL	DATE:	2-16-98				

GENERAL NOTES:

- The open ends shall be protected from debris entering the lateral.
- Maximum slope shall be less than 1 to 1 when it is necessary to secure bedding in undisturbed earth.
- When the service connection requires coring an existing main, a sewer saddle from Cascade Water Works (CSWRT-0863-06RC) shall be used. Any substitution requires approval from the Village Engineer.
- Service tee and clean out riser shall be PVC (SDR 26/ ASTM D2241-20). For clean outs located within landscaped area, the contractor shall use P1215 DWV bushing and G106 cap manufactured by Plastic Trends, Inc. (ASTM 3034-16). Gasket shall be removed from cap.
- Clean outs shall not be located in driveway aprons or sidewalk unless approved by the Village Engineer. If allowed the contractor shall use schedule 40 DWV FIPT hub adaptor and the raised MIPT plug (ASTM D2665-20 or ASTM D1785-15e1) and an EJ frame (2885) and lid (2875). Equivalent fittings from other manufacturers are acceptable at the discretion of the Village Engineer. Only written acceptance will constitute approval of a substitute fitting. Geometric standards cannot be varied.

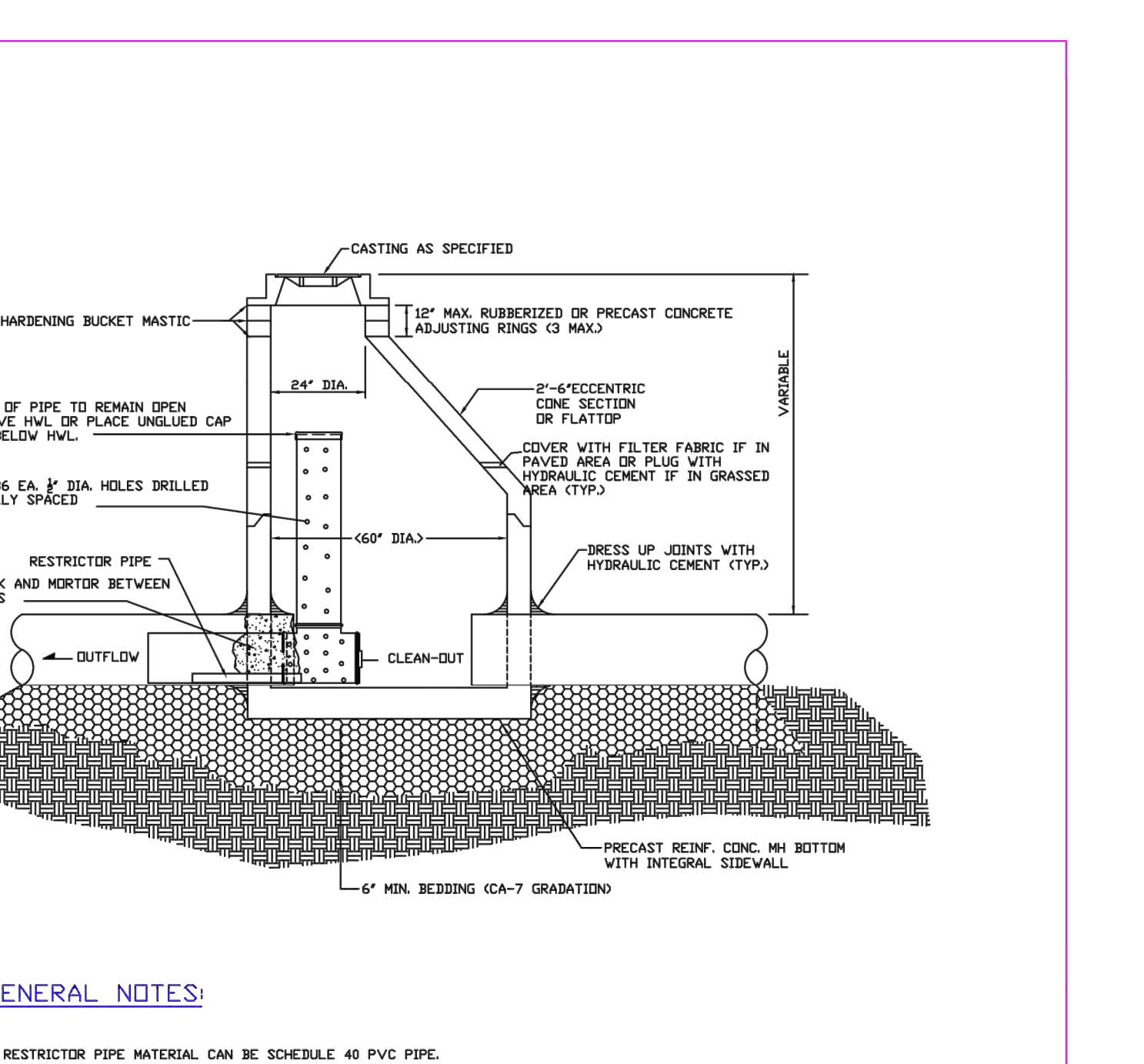
REV.:	BBW	REV.:	2-12-21	SANITARY RISER FOR SERVICE LATERAL	VILLAGE OF LOMBARD	6	C703
REV.:	CEI	REV.:	1-14-20				
DRAWN BY:	VJGL	DATE:	2-16-98				



GENERAL NOTES:

- APRONS SHALL NOT EXCEED 20 FEET IN WIDTH MEASURED AT THE RIGHT-OF-WAY LINE.
- ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
- MINIMUM THICKNESS FOR APRONS: 6" P.C. CONCRETE ON 2" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION), OR 3" BITUMINOUS SURFACE ON 2" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION).
- SIDEWALK SHALL EXTEND THROUGH THE DRIVEWAY.
- DRIVEWAYS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 8%.
- DRIVEWAY APRONS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 8%.
- PATCHES ARE NOT ALLOWED IN NEW APRONS.

REV.:	TMT (CEG)	REV.:	01-15-20	RESIDENTIAL DRIVEWAY APRON	VILLAGE OF LOMBARD	7	C703
REV.:	ERH	REV.:	11-26-13				
DRAWN BY:	VJGL	DATE:	2-16-98				



GENERAL NOTES:

- RESTRICTOR PIPE MATERIAL CAN BE SCHEDULE 40 PVC PIPE.
- 6" DIA. SDR 26 PVC PIPE GROUDED INTO THE OUTLET PIPE. EXTEND RESTRICTOR PIPE INTO VISIBLE AREA OF TEE FOR VERIFICATION.
- CASTINGS SHALL HAVE FACTORY INSTALLED O-RING GASKETS.
- MANHOLE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH MANHOLE TYPE A (STORM 1) SPECIFICATIONS.

REV.:	DRG	REV.:	8-15-15	RESTRICTOR DETAIL	VILLAGE OF LOMBARD	8	C703
REV.:	ERH	REV.:	8-23-06				
DRAWN BY:	ERH	DATE:	9-01-04				

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REVISION

No.	DATE	DESCRIPTION

PROJECT No: 080220
 DATE: 01/17/20
 DES. BY: JL
 DR. BY: DH
 CKD. BY: JG

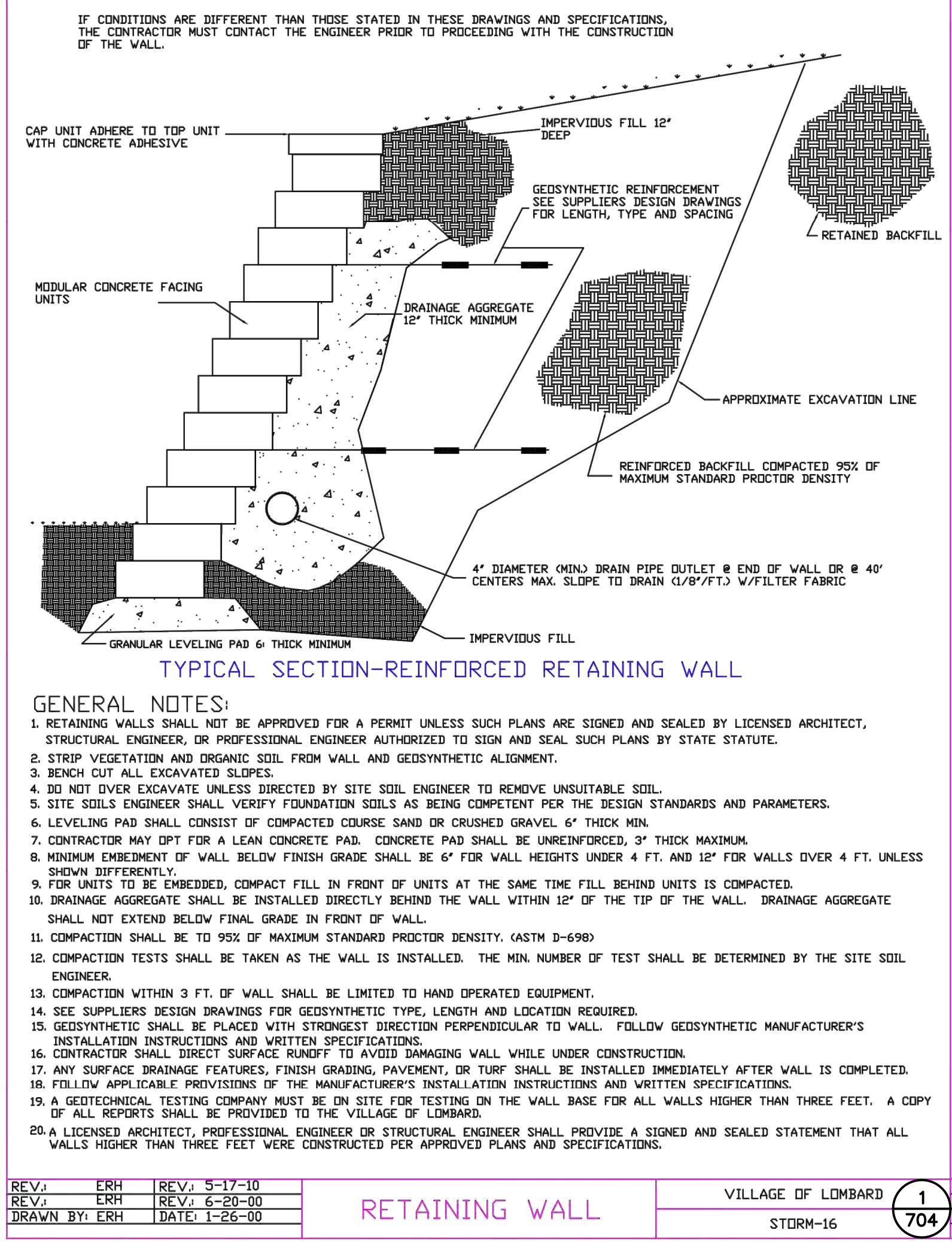
1815 South Meyers Road
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WOOLPERT
ARCHITECTURAL ENGINEERING & CONSULTING

SITE IMPROVEMENT PLANS
NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

DETAILS

SHEET NO. **C703**



21. A SPLIT-RAIL FENCE AT LEAST 42" HIGH SHALL BE CONSTRUCTED ALONG THE TOP OF ANY RETAINING WALL HIGHER THAN 3' WHEN A WALK OR PATH IS ON THE TOP SIDE OF THE WALL AND WITHIN 5' OF THE EDGE OF THE WALL. THE DIRECTOR OF COMMUNITY DEVELOPMENT MAY REQUIRE, OR THE OWNER/DEVELOPER MAY PROPOSE (SUBJECT TO APPROVAL BY THE DIRECTOR), AN ALTERNATIVE TYPE OF FENCE IF DEEMED APPROPRIATE BASED ON SPECIFIC SITE CONDITIONS AND CHARACTERISTICS. IF A PARKING LOT OR DRIVEWAY IS SIMILARLY LOCATED THEN A GUARDRAIL PER IDOT SPECIFICATIONS SHALL BE USED IN LIEU OF A FENCE.

22. A SPLIT-RAIL FENCE AT LEAST 42" HIGH SHALL BE CONSTRUCTED ALONG THE TOP OF ANY SLOPE STEEPER THAN 4H:1V THAT STARTS WITHIN 5' OF A WALK OR PATH AND DESCENDS CONTINUOUSLY TO THE TOP OF A RETAINING WALL HIGHER THAN 3'. THE DIRECTOR OF COMMUNITY DEVELOPMENT MAY REQUIRE AN ALTERNATIVE TYPE OF FENCE IF DEEMED APPROPRIATE BASED ON SPECIFIC SITE CONDITIONS AND CHARACTERISTICS. IF A PARKING LOT OR DRIVEWAY IS SIMILARLY LOCATED THEN A GUARDRAIL PER IDOT SPECIFICATIONS SHALL BE USED IN LIEU OF A FENCE.

REV.:	ERH	REV.:	5-17-10
REV.:	ERH	REV.:	6-20-00
DRAWN BY:	ERH	DATE:	1-26-00

RETAINING WALL		VILLAGE OF LOMBARD	1
		STDRM-16	704

REV.:	ERH	REV.:	9-06-01
REV.:	ERH	REV.:	6-20-00
DRAWN BY:	ERH	DATE:	1-26-00

RETAINING WALL CONT.		VILLAGE OF LOMBARD	2
		STDRM-16A	704

No.	DATE	REVISION

PROJECT No: 080220
DATE: 01/17/20
DES.: JL
DR.: DH
CKD.: JG

1815 South Meyers Road
 Suite 950
 Oakbrook Terrace, IL 60181
 630.424.9080
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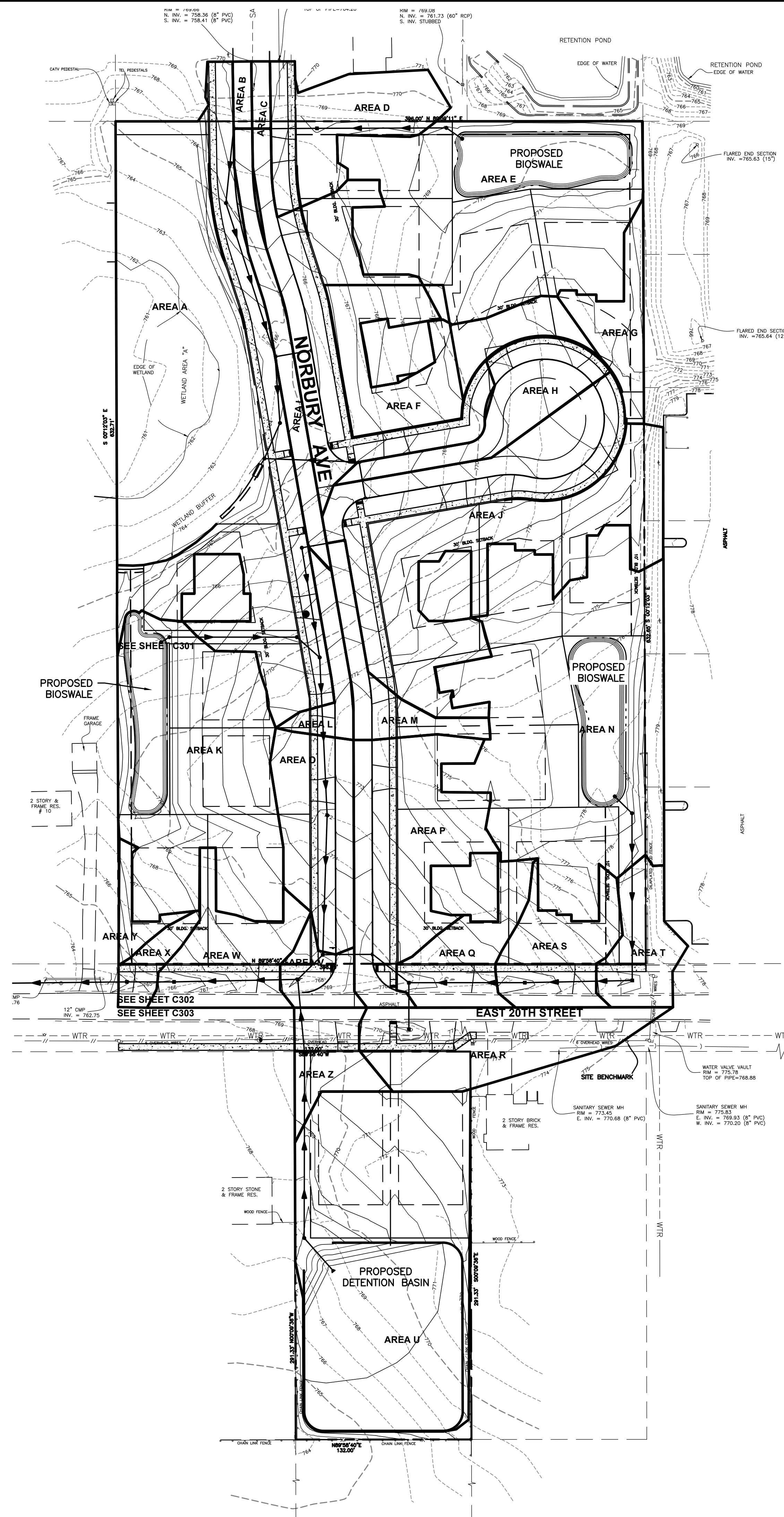
WOOLPERT
 ARCHITECTURAL ENGINEERING (CORPORATE)

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NORBURY CROSSINGS
 20TH STREET BETWEEN MAIN ST. AND HIGHLAND AVE.
 LOMBARD, DUPAGE COUNTY, ILLINOIS

C704 DETAILS

SHEET NO.
C704

Layout Tab Name: DRAINAGE AREA EXHIBIT, Images: lombard aerial.jpg, Xrefs: 080220-X.dwg; 080220-DIGI.dwg; gentileutility_2d.dwg; 2017surveyv4_2d.dwg; 080220-P.dwg; 080220-TBLK.dwg
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GRADING LEGEND

- EXISTING BOUNDARY
- - - - PROPOSED BOUNDARY
- - - - 803 EXISTING 1' CONTOUR
- - - - 810 EXISTING 5' CONTOUR
- - - - 803 PROPOSED 1' CONTOUR
- - - - 810 PROPOSED 5' CONTOUR
- PROPOSED STORM DRAIN
- CENTERLINE DRAINAGE SWALE
- CONSTRUCTION LIMITS
- DIRECTION OF FLOW
- OVERLAND FLOW ROUTE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- POSITIVE SLOPED CURB
- NEGATIVE SLOPED CURB
- ① INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- ① PROPOSED STORM STRUCTURE CALLOUT

NOTE: 3:1 IS THE MAXIMUM ALLOWABLE SLOPE IN NON PAVED AREAS



No.	DATE	REVISION

PROJECT No: 080220
 DATE 01/17/20
 DES. JL
 DR. DH
 CKD. JG

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 630.424.9080
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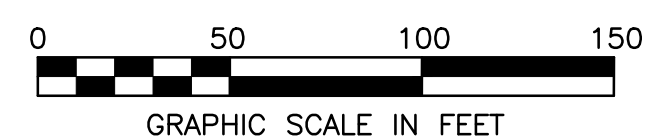
DRAINAGE EXHIBIT

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD88 - FIRE HYDRANT BOLT
 SEE DRAWING FOR LOCATION.

ELEVATION = 776.43

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A
 SURVEY PREPARED BY GENTILE AND ASSOCIATES AND DATED
 FEBRUARY 3, 2017.



SHEET NO.