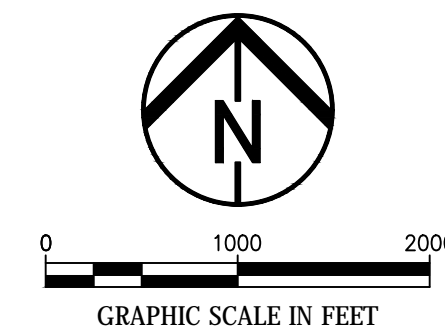
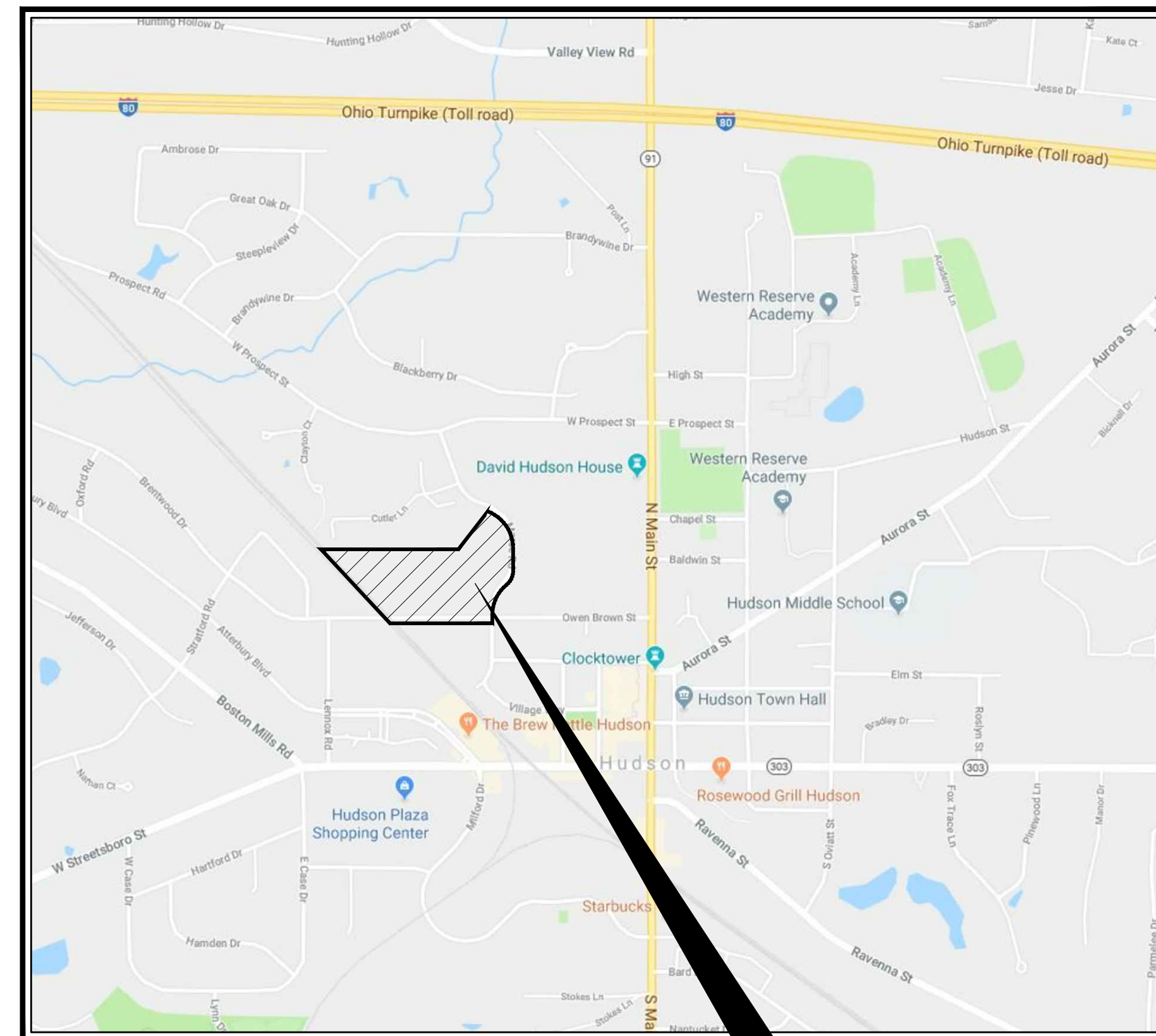


HUDSON DOWNTOWN PHASE 2A

PRIVATE DEVELOPMENT
 SUMMIT COUNTY, OHIO
 Testa Companies Project
 ISSUED: APRIL 25, 2019

SITE PLAN LEGEND

EXISTING	PROPOSED	
		CENTERLINE/BASELINE CONSTRUCTION
		PROPERTY LINE
		RIGHT OF WAY
		EASEMENT
		TEMPORARY RIGHT OF WAY
		SWALE
		CONTOUR
		STORM SEWER
		SANITARY SEWER
		WATER LINE
		WATER SERVICE
		GAS LINE
		ELECTRIC LINE, UNDERGROUND
		TELEPHONE LINE, UNDERGROUND
		FIBER OPTIC LINE, UNDERGROUND
		CABLE LINE, UNDERGROUND
		CATCH BASIN, MANHOLE
		MANHOLE ADJUSTED TO GRADE
		HYDRANT, HYDRANT ASSEMBLY
		VALVE, WV=WATER VALVE GV=GAS VALVE
		METER, E=ELECTRIC, G=GAS, W=WATER
		ELECTRIC CABINET, PULL BOX, PEDESTAL, MANHOLE
		TELEPHONE MANHOLE, UTILITY MARKER
		POWER POLE, TELEPHONE POLE, COMBINATION POLE, LIGHT POLE
		IRON PIN/PIPE FOUND, IRON PIN SET
		MONUMENT BOX
		SIGN
		MAILBOX
		FLAG POLE, DECORATIVE/YARD LIGHT
		TREE, SHRUB LINE, TREE REMOVED, TREE LIMBED AND ROOT PRUNED
		BASEMENT ELEVATION



LOCATION MAP

INDEX OF DRAWINGS

GENERAL NOTES	C100
EXISTING CONDITIONS	C200-C209
GRADING PLAN	C300-C307
SWPP PLAN	C400-C408
LAYOUT/UTILITY PLAN	C500-C506
CONSTRUCTION DETAILS	C600-C602
LANDSCAPE PLAN	C700-C708

APPROVALS:

CITY MANAGER, JANE HOWINGTON	Date
SERVICE DIRECTOR, THOMAS SHERIDAN, PE, PS.	Date
CITY ENGINEER, BRAD KOSCO, PE, PS.	Date

PLANS PREPARED AND RECOMMENDED BY:



REVISED:

SET NO. _____

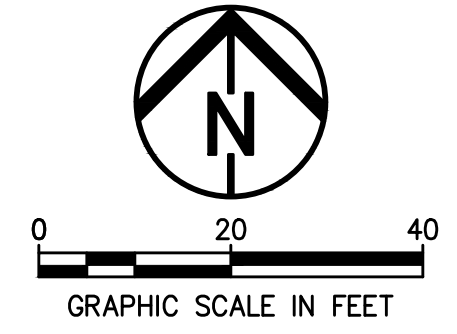
2016 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THESE PLAN BID DOCUMENTS SHALL GOVERN THIS IMPROVEMENT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE CITY ENGINEER AND/OR HIS REPRESENTATIVES.

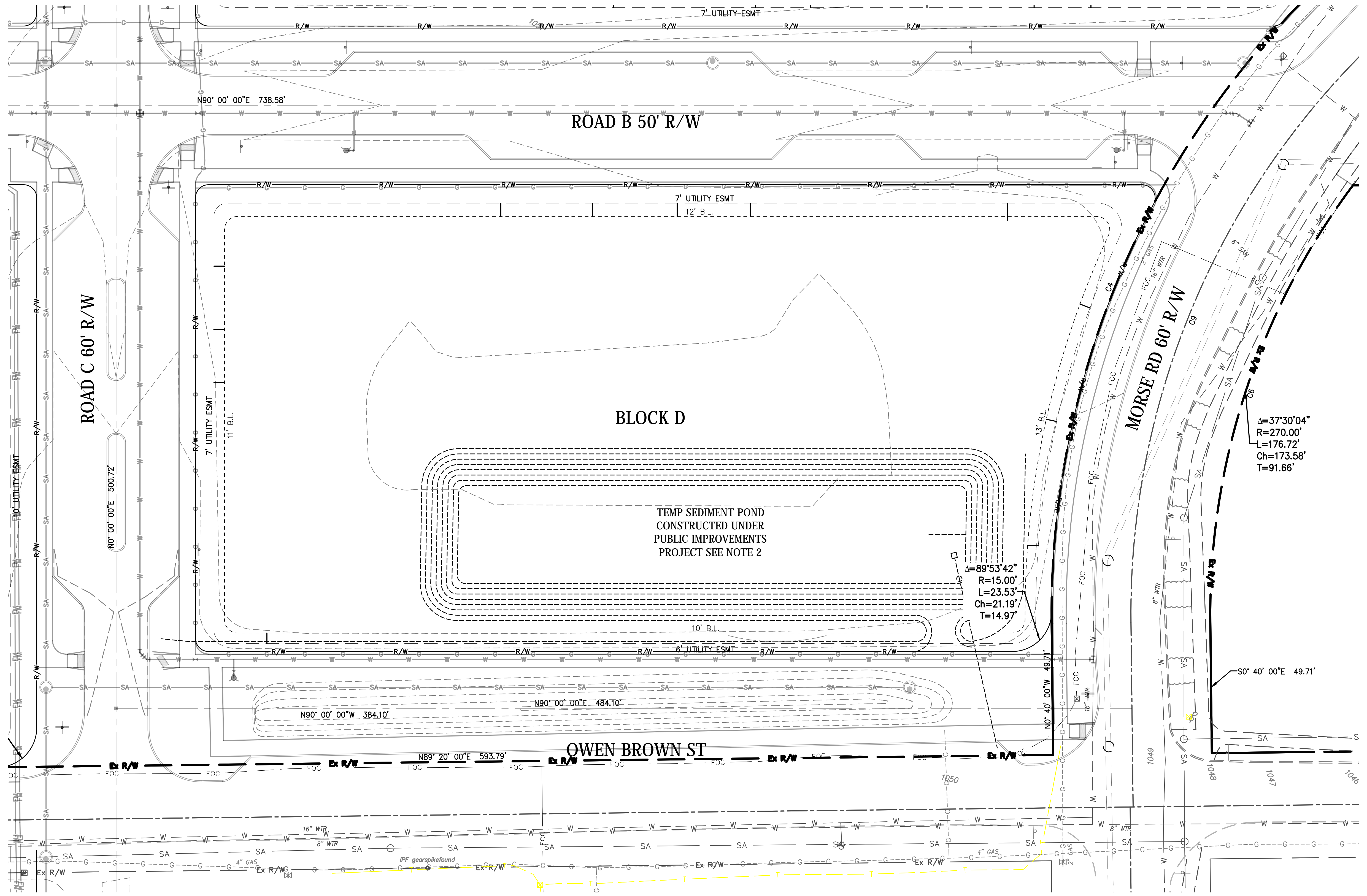


PROJ. NUMBER	17-00257-020	TITLE	TITLE
DESIGNED BY:	RJW		
DRAWN BY:	NLM		
FILE NO.	ZTITL 17-00257-020.dwg		

- NOTES:
- SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS
 - TEMPORARY SEDIMENT POND & SKIMMER TO REMAIN UNTIL SUCH TIME AS DEVELOPMENT SITE HAS BEEN STABILIZED AND REMOVAL IS APPROVED BY SUMMIT SOIL AND WATER



BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88

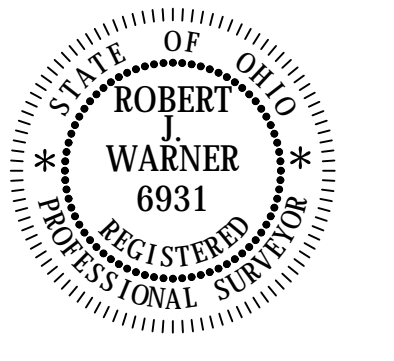


BLOCK D

TEMP SEDIMENT POND
 CONSTRUCTED UNDER
 PUBLIC IMPROVEMENTS
 PROJECT SEE NOTE 2

$\Delta=37^{\circ}30'04''$
 $R=270.00'$
 $L=176.72'$
 $Ch=173.58'$
 $T=91.66'$

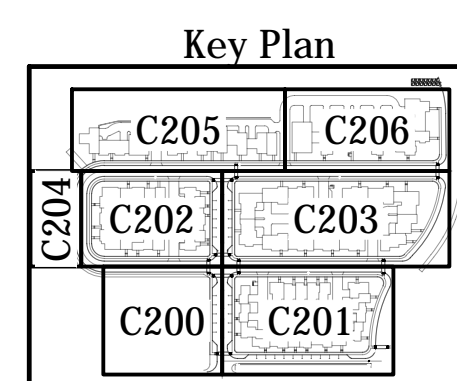
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DATE: _____

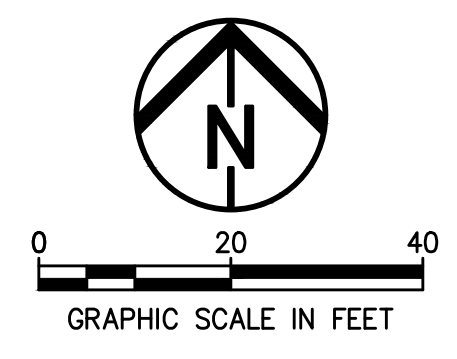
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



BLOCK D EXISTING
 CONDITIONS

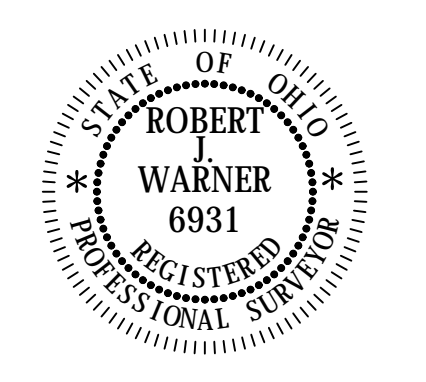
C201



BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD ☐
 25.5' N OWEN BROWN ☐
 ELEVATION= 1048.65 NAVD88

NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS

HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



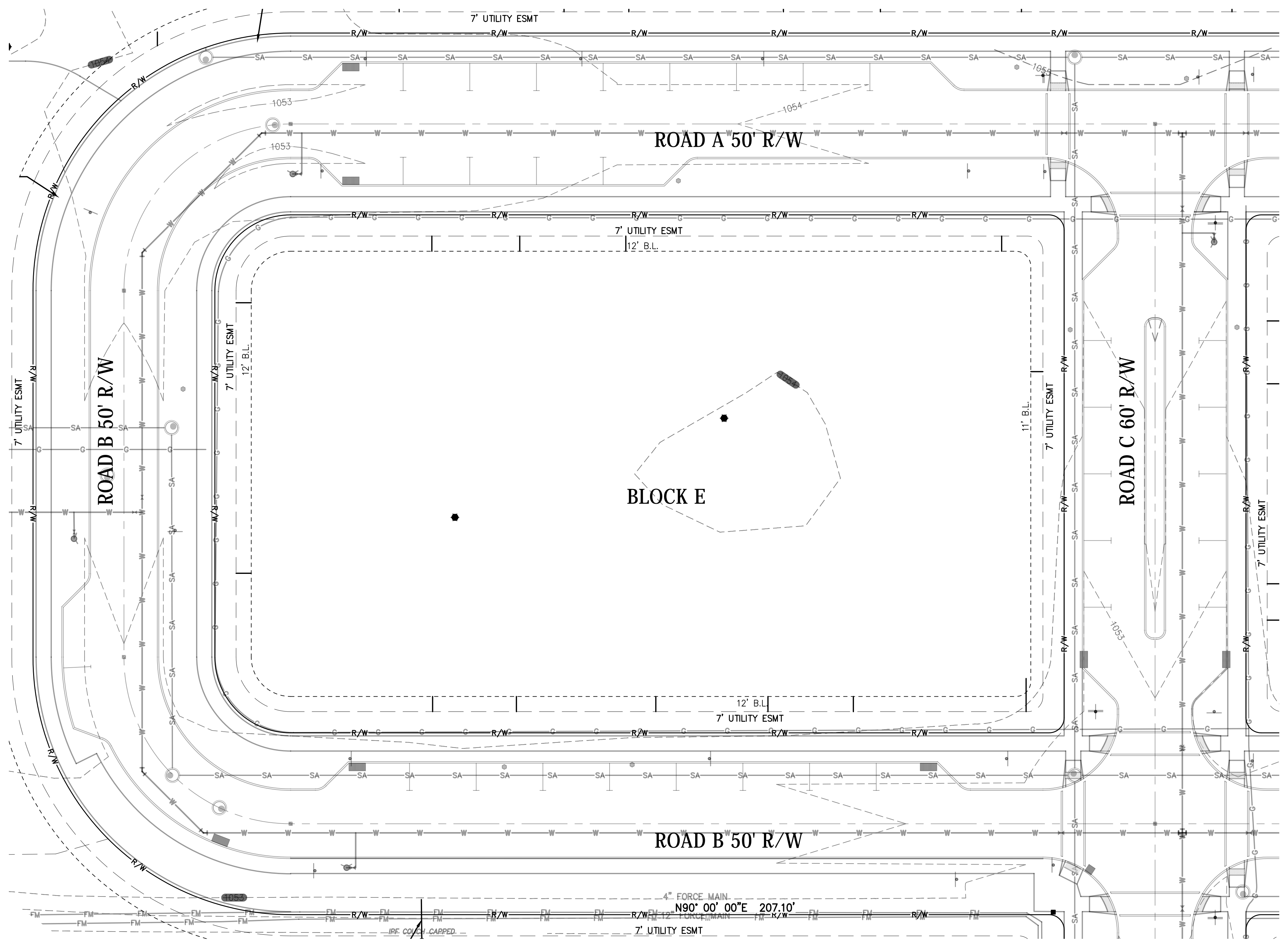
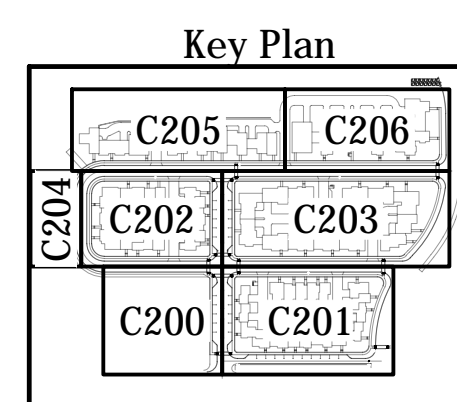
DATE: _____

REVISIONS		
△	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

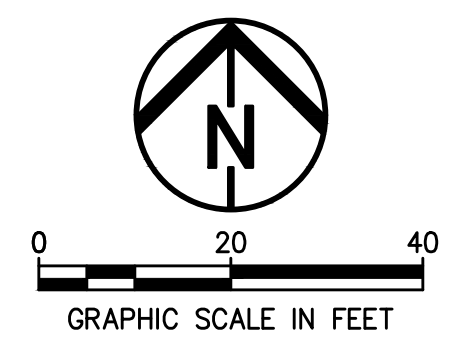
BLOCK E EXISTING CONDITIONS

C202

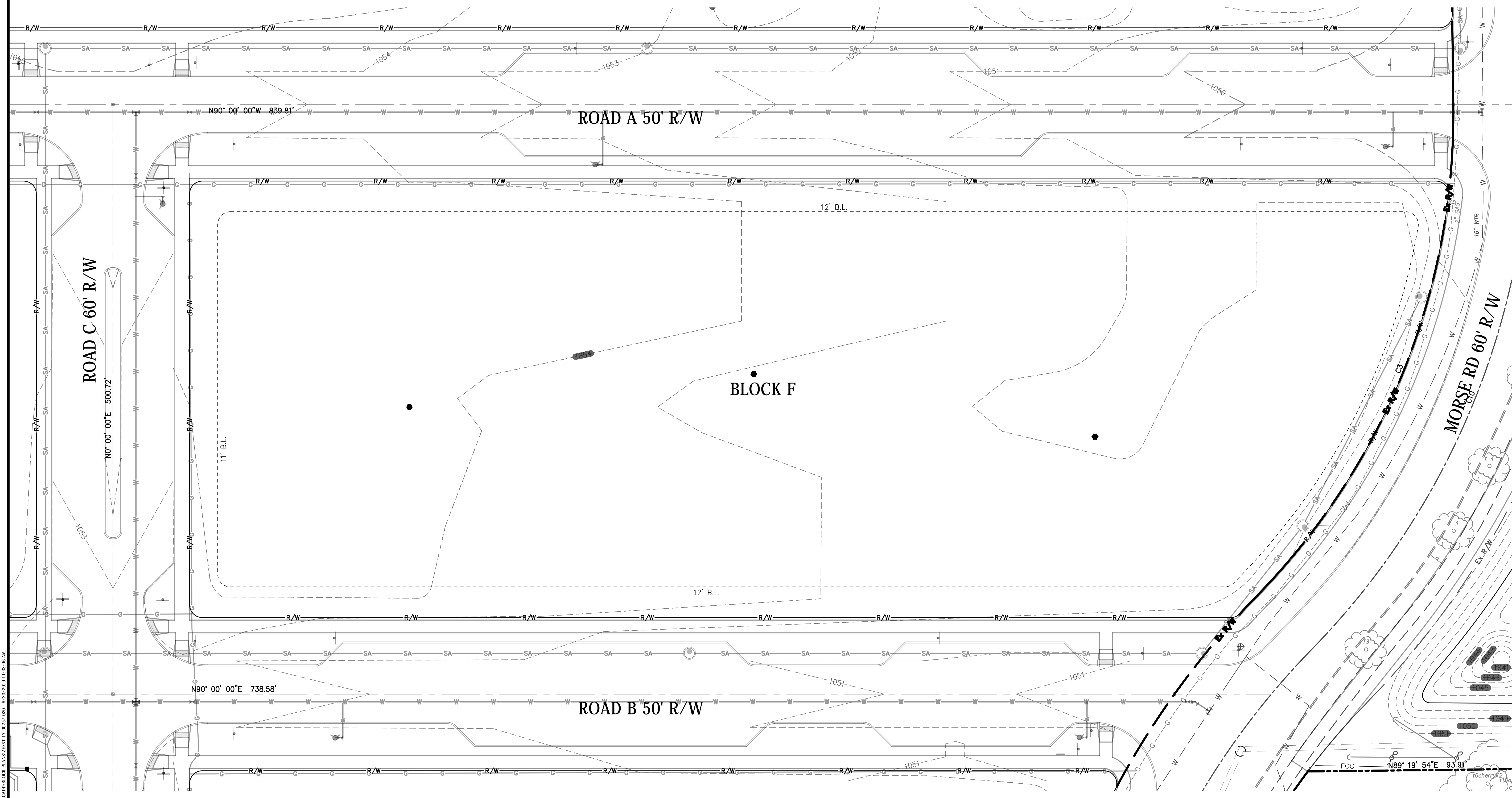


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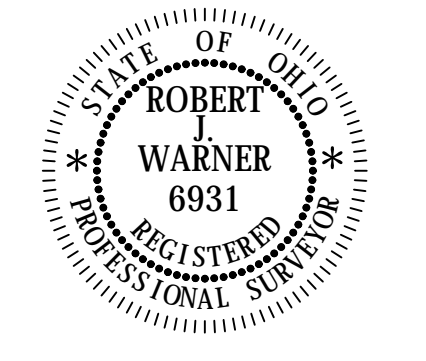
NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS



BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD CL
 25.5' N OWEN BROWN CL
 ELEVATION= 1048.65 NAVD88



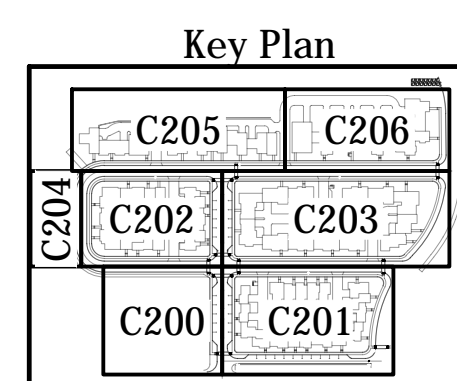
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

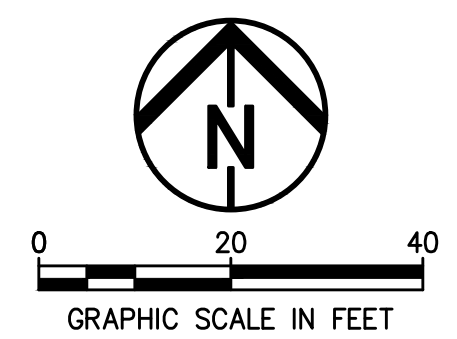
PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



BLOCK F EXISTING CONDITIONS

C203

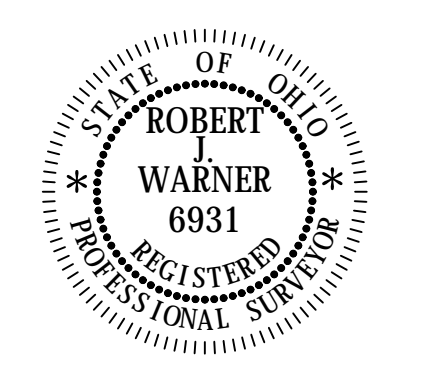
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BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD @
 25.5' N OWEN BROWN @
 ELEVATION= 1048.65 NAVD88

NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS

HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES

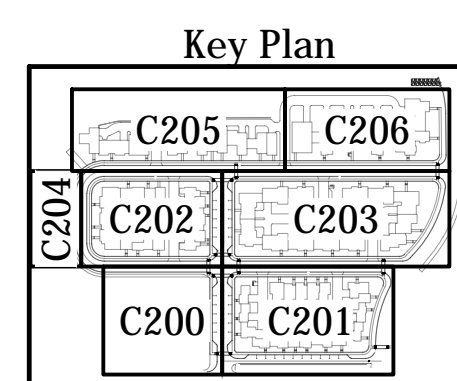


DATE: _____

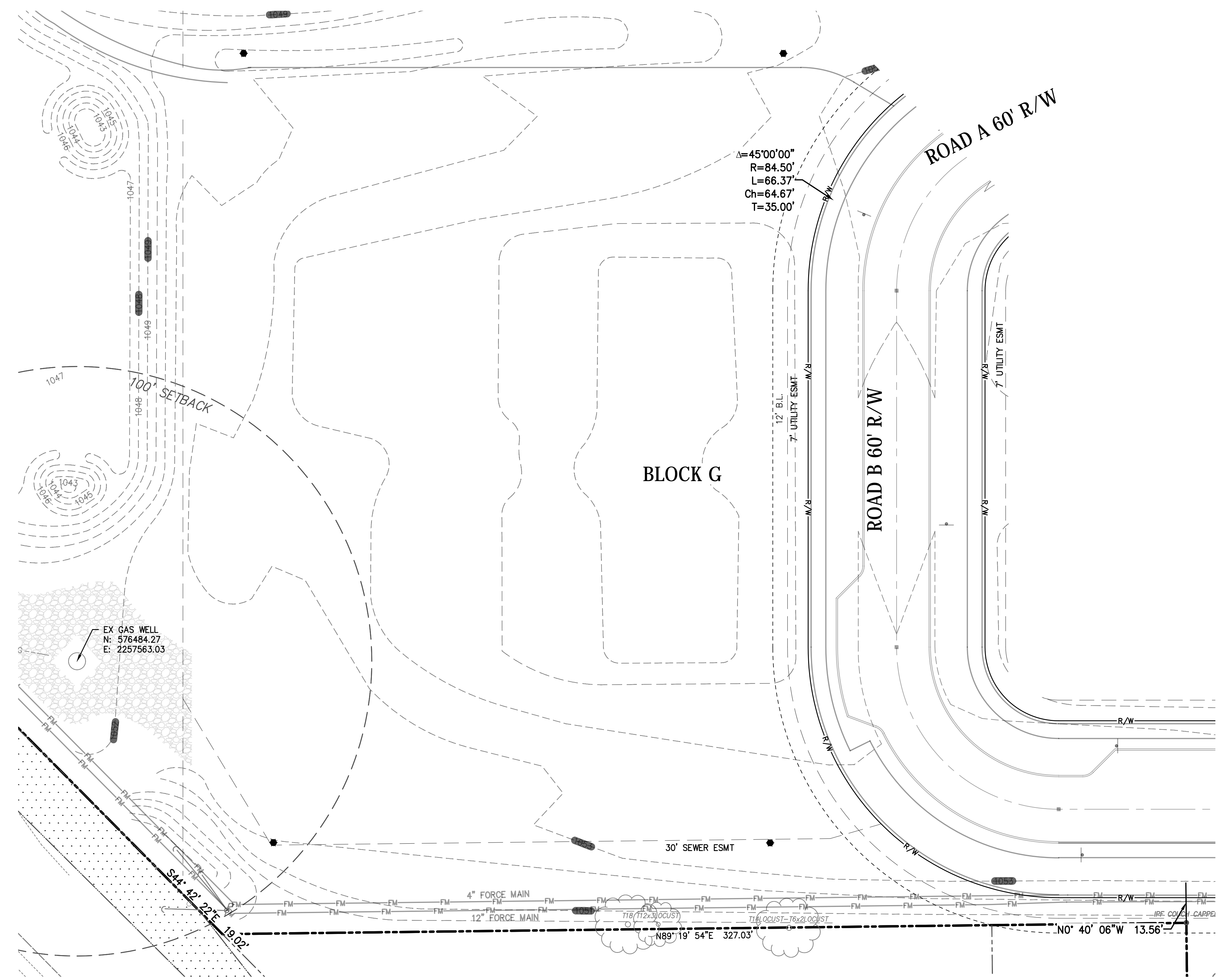
REVISIONS		
△	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK G EXISTING CONDITIONS



C204

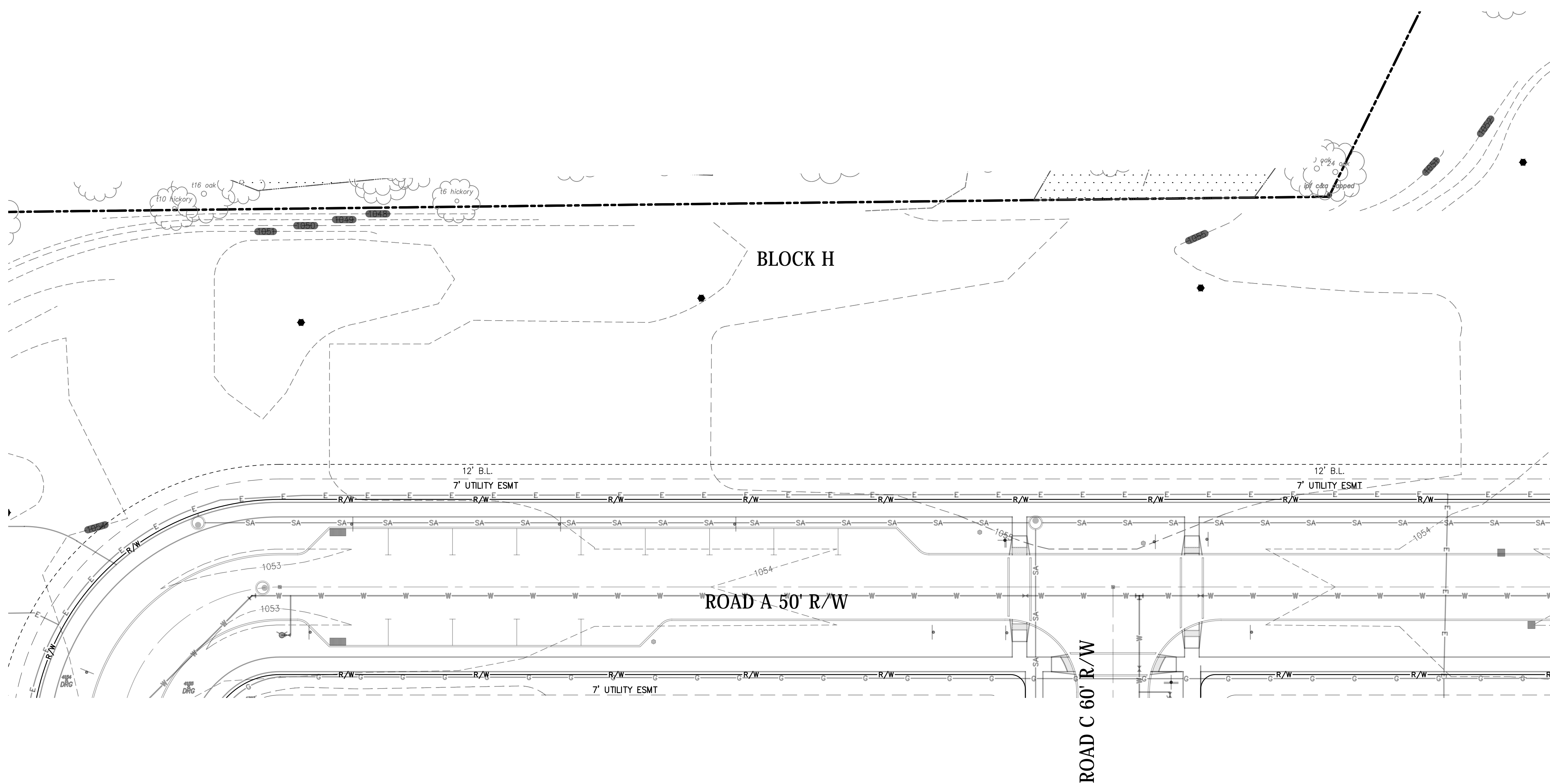


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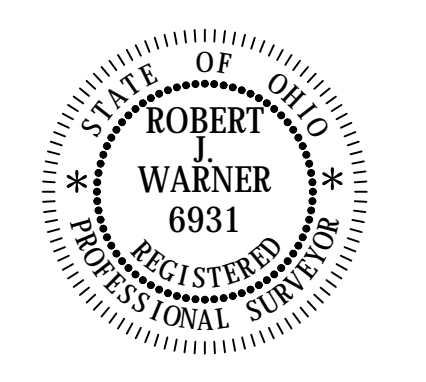
BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88

NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS



SEE SHEET C206

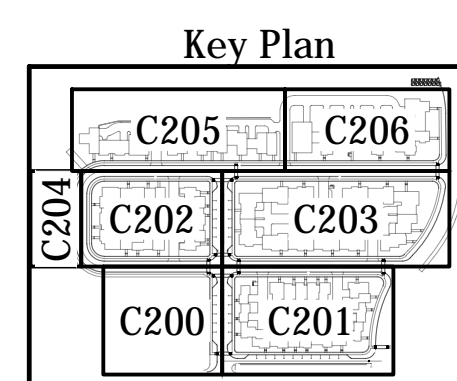
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

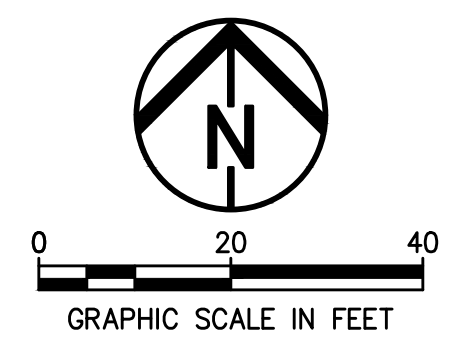
REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



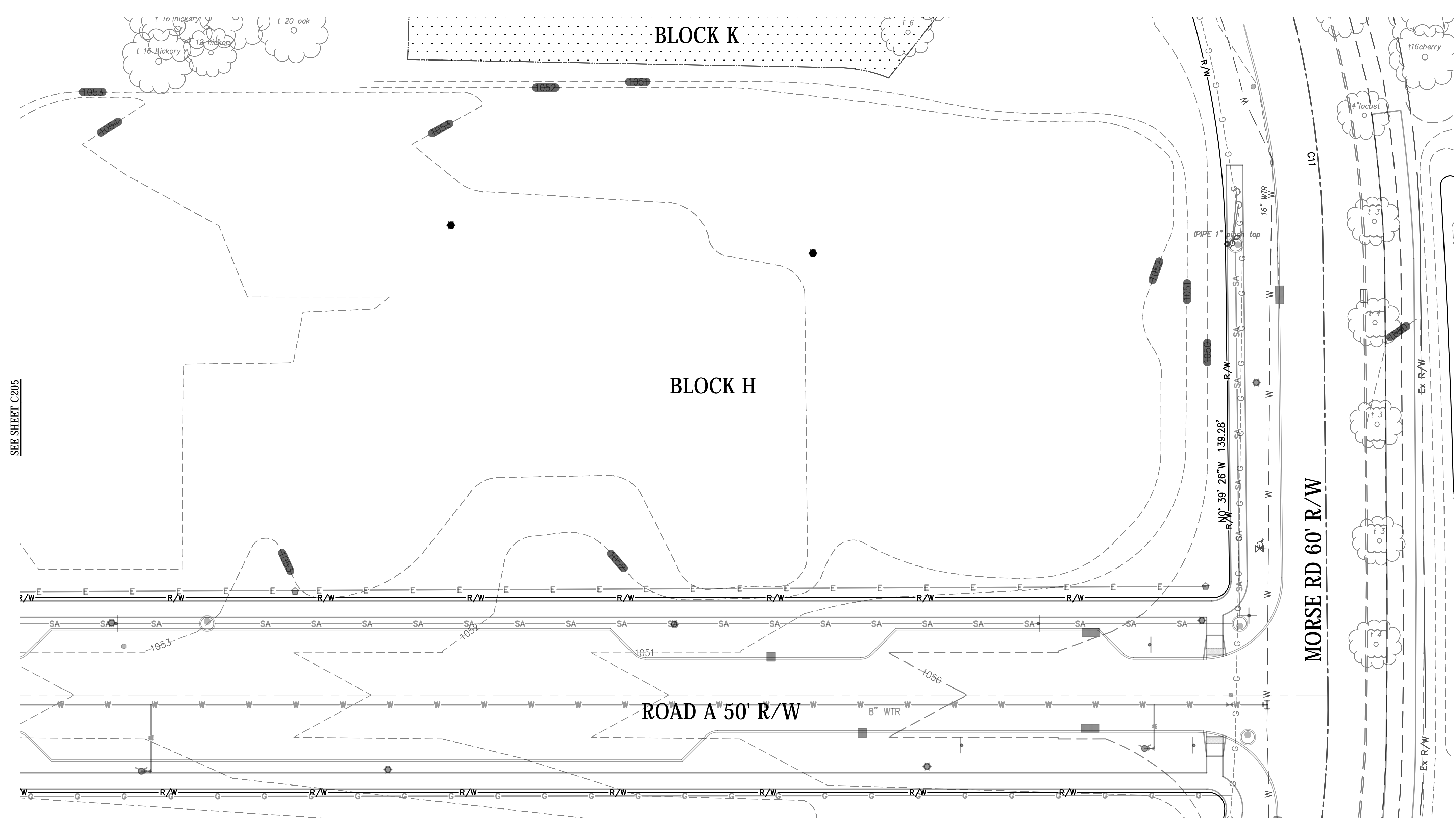
BLOCK H WEST
 EXISTING CONDITIONS
C205

ENVIRONMENTAL DESIGN GROUP
 17-00257-020 FIRST & MAIN SITE DESIGN/CONSTRUCTION PLANS/ISSUE 17-00257-020 2/28/2018 11:38:47 AM



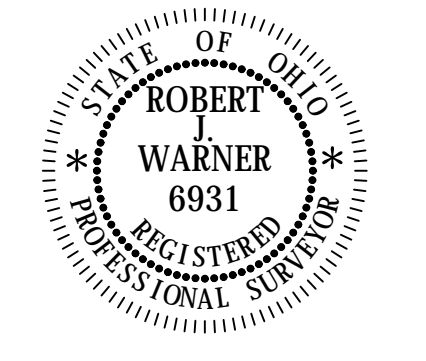
BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD \odot
 25.5' N OWEN BROWN \odot
 ELEVATION= 1048.65 NAVD88

NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS



SEE SHEET C205

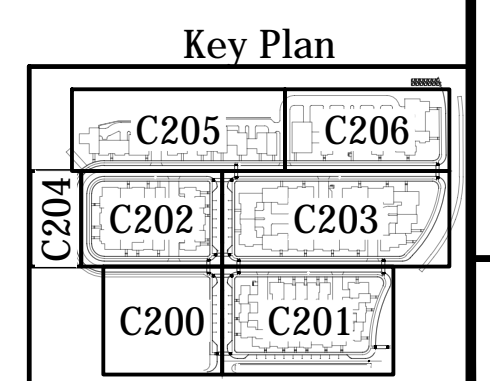
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

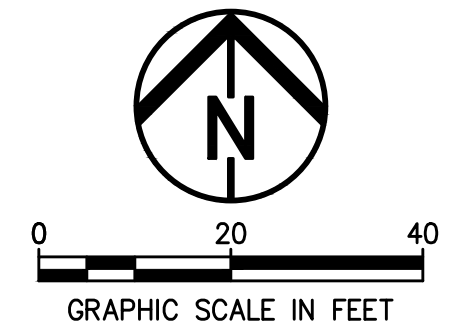
REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



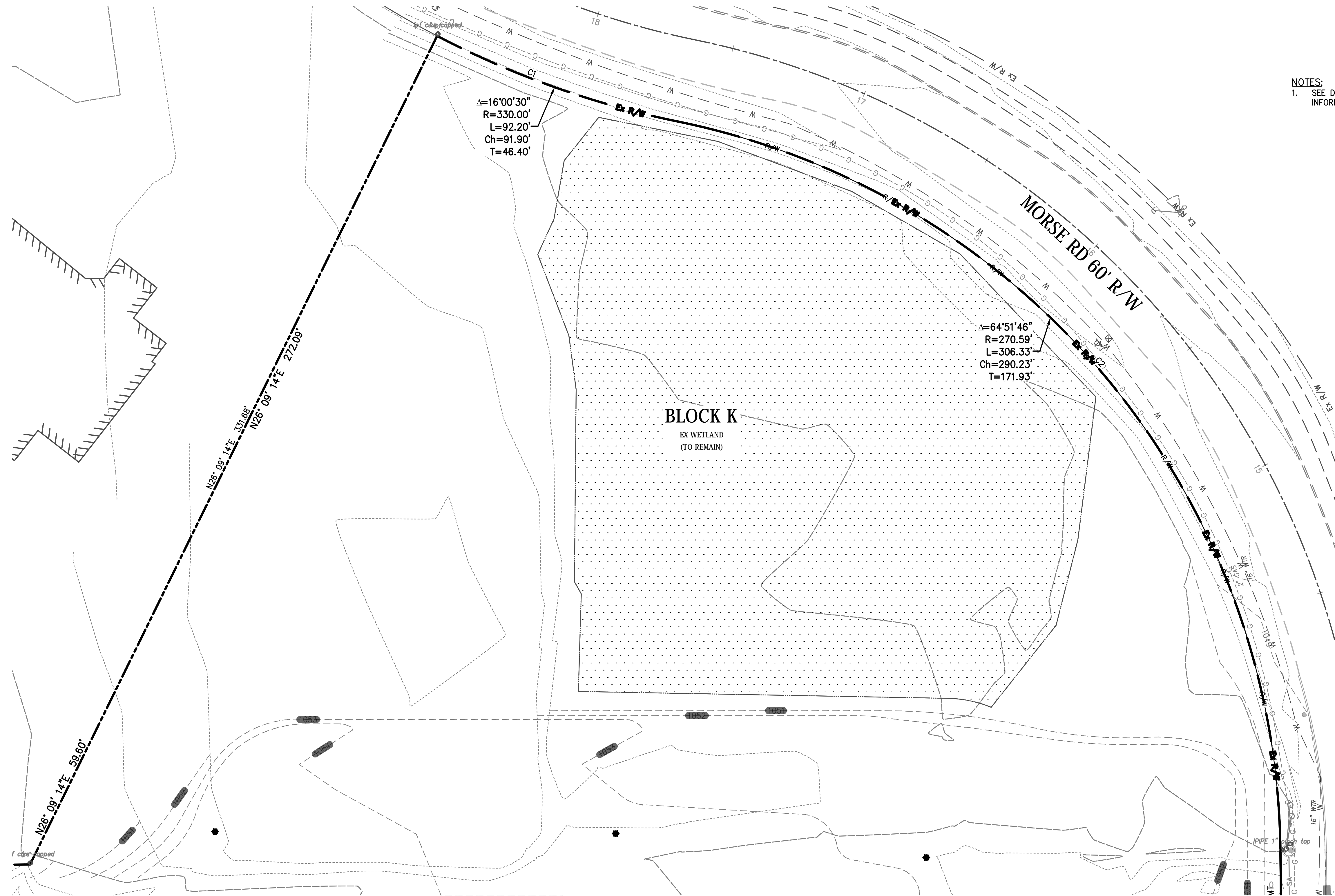
BLOCK H EAST EXISTING CONDITIONS

C206

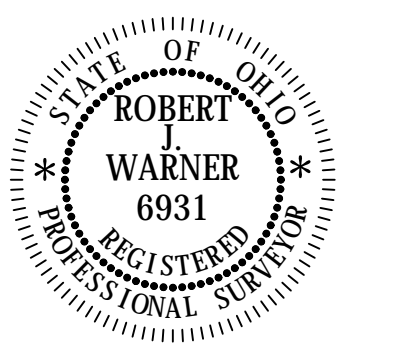


BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD ϕ
 25.5' N OWEN BROWN ϕ
 ELEVATION= 1048.65 NAVD88

- NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS



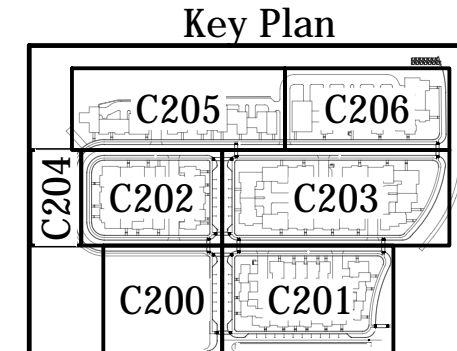
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

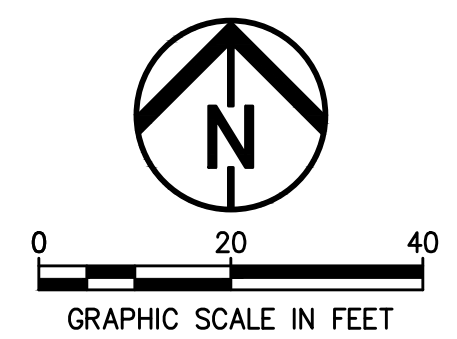
REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



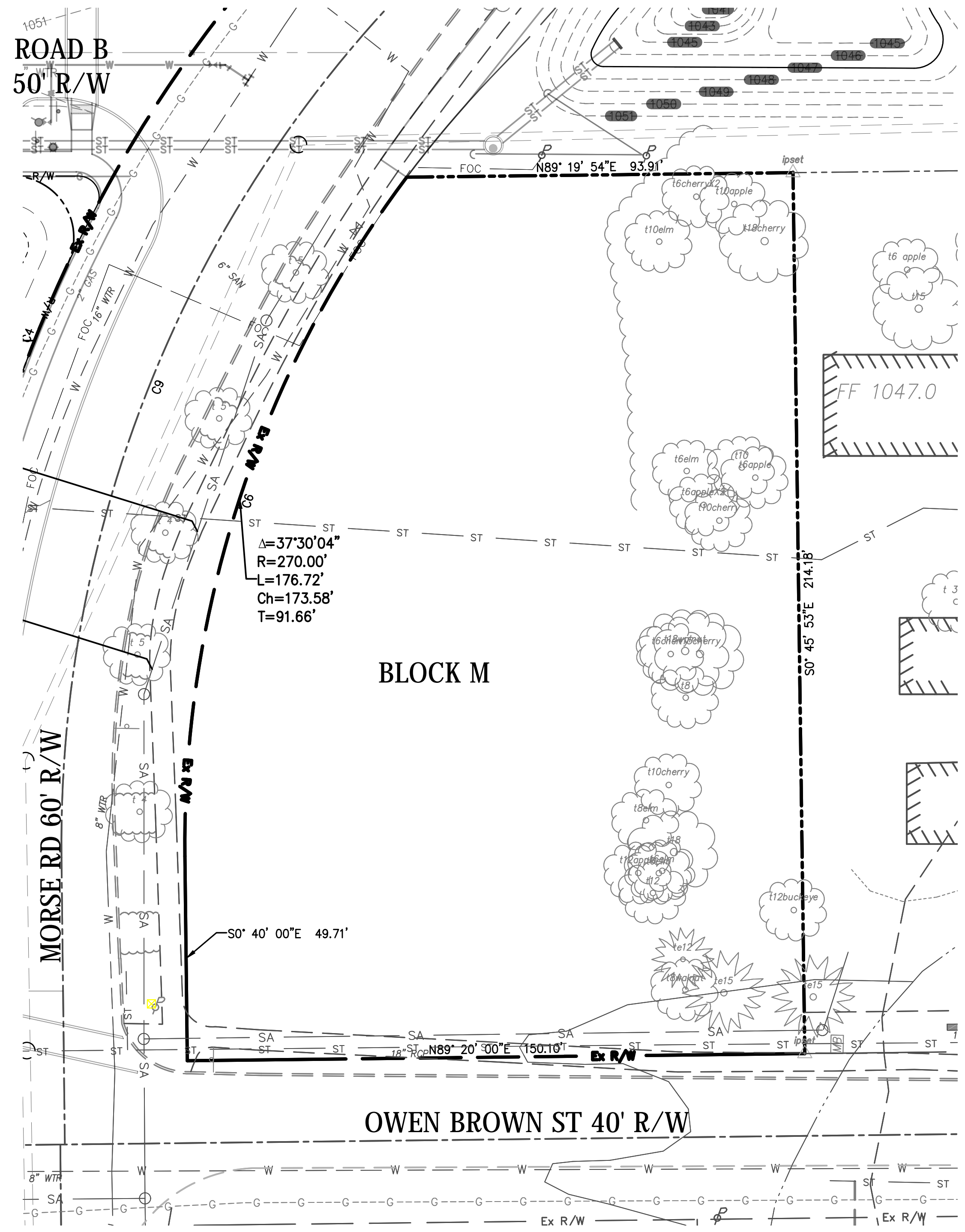
BLOCK K EXISTING CONDITIONS
C207

ENVIRONMENTAL DESIGN GROUP
 17-00257-020 BLOCK K MAIN SITE DESIGN/CONTRACT PLANS/ISSUE 17-00257-020 - 2/25/2018 11:34:27 AM

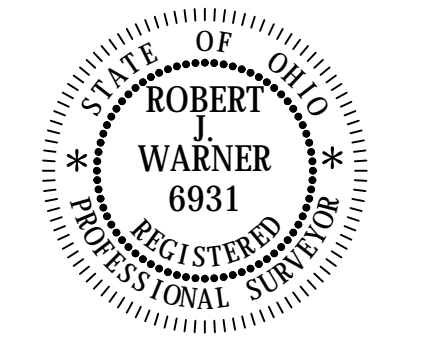


BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD @
 25.5' N OWEN BROWN @
 ELEVATION= 1048.65 NAVD88

NOTES:
 1. SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR INFORMATION AND DETAILS



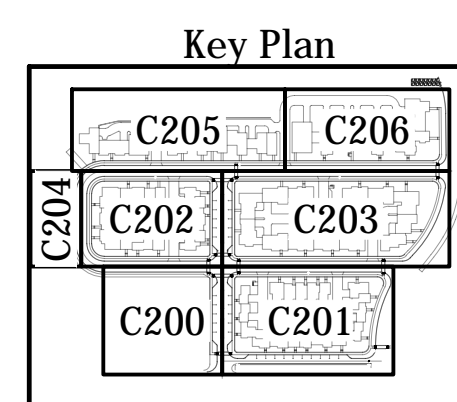
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

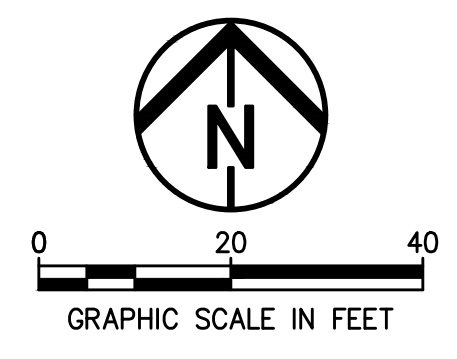
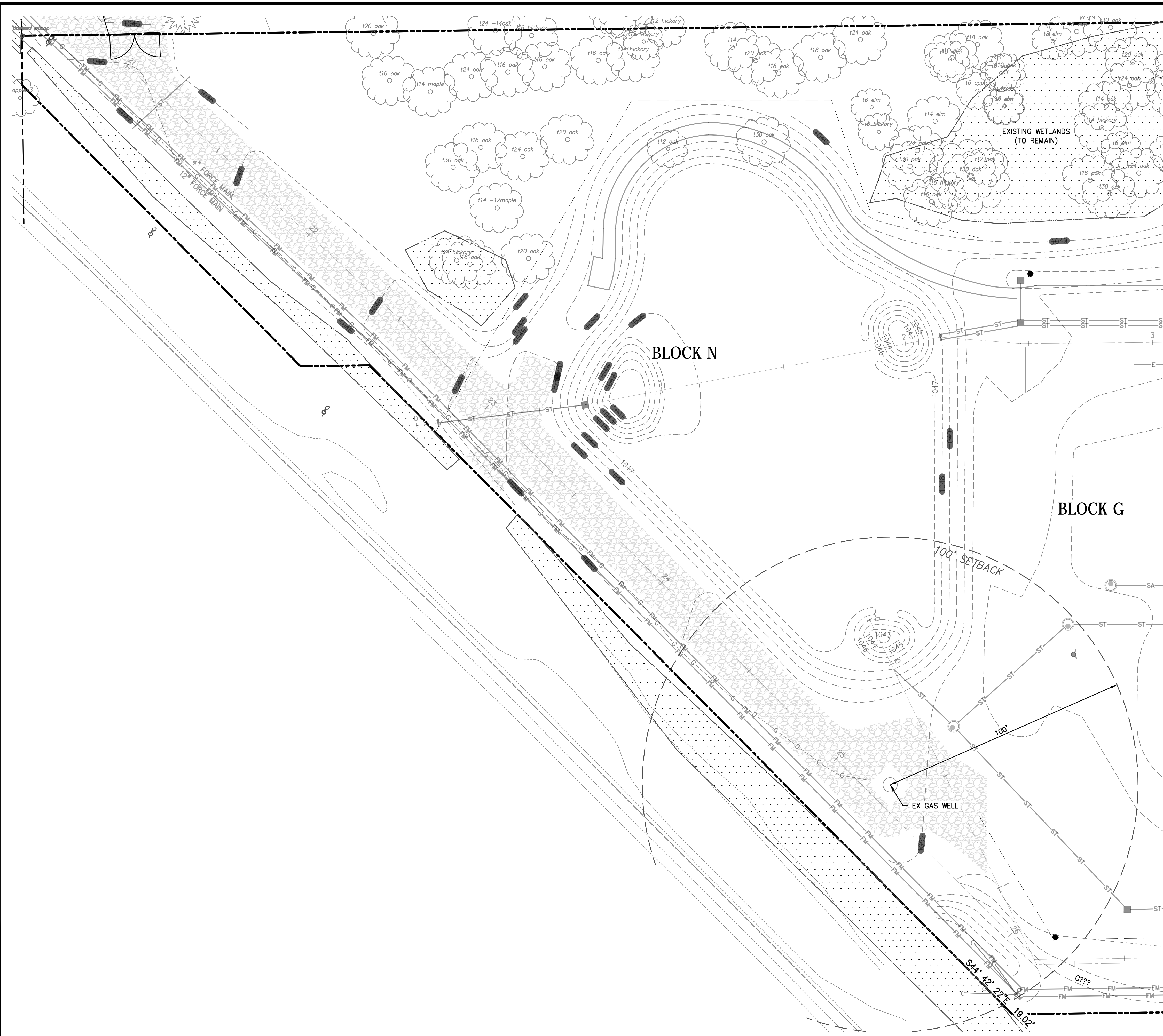
REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



BLOCK M EXISTING CONDITIONS

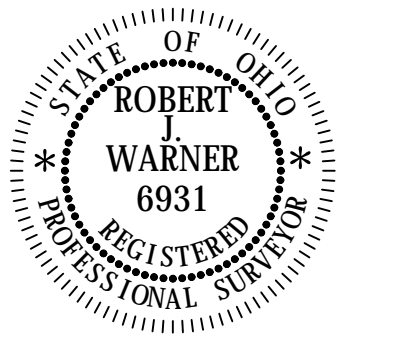
C208



BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD @
 25.5' N OWEN BROWN @
 ELEVATION= 1048.65 NAVD88

NOTES:
 SEE DOWNTOWN DEVELOPMENT PHASE 2 PUBLIC IMPROVEMENTS PLAN FOR
 INFORMATION AND DETAILS

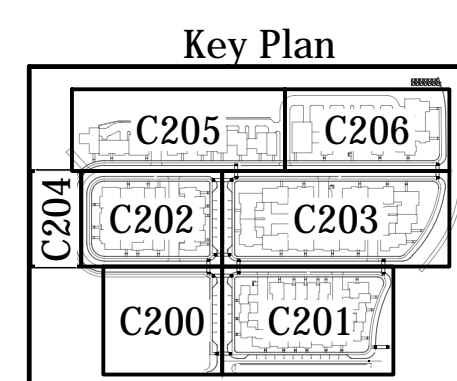
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

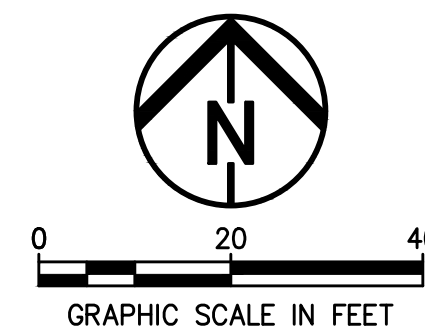
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 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



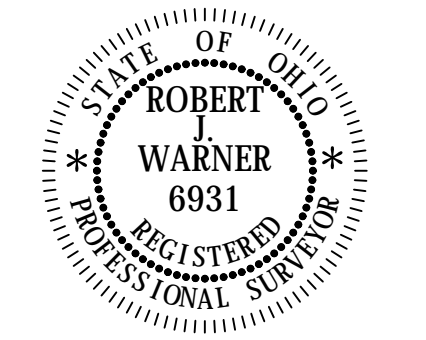
BLOCK N EXISTING CONDITIONS

C209

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HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



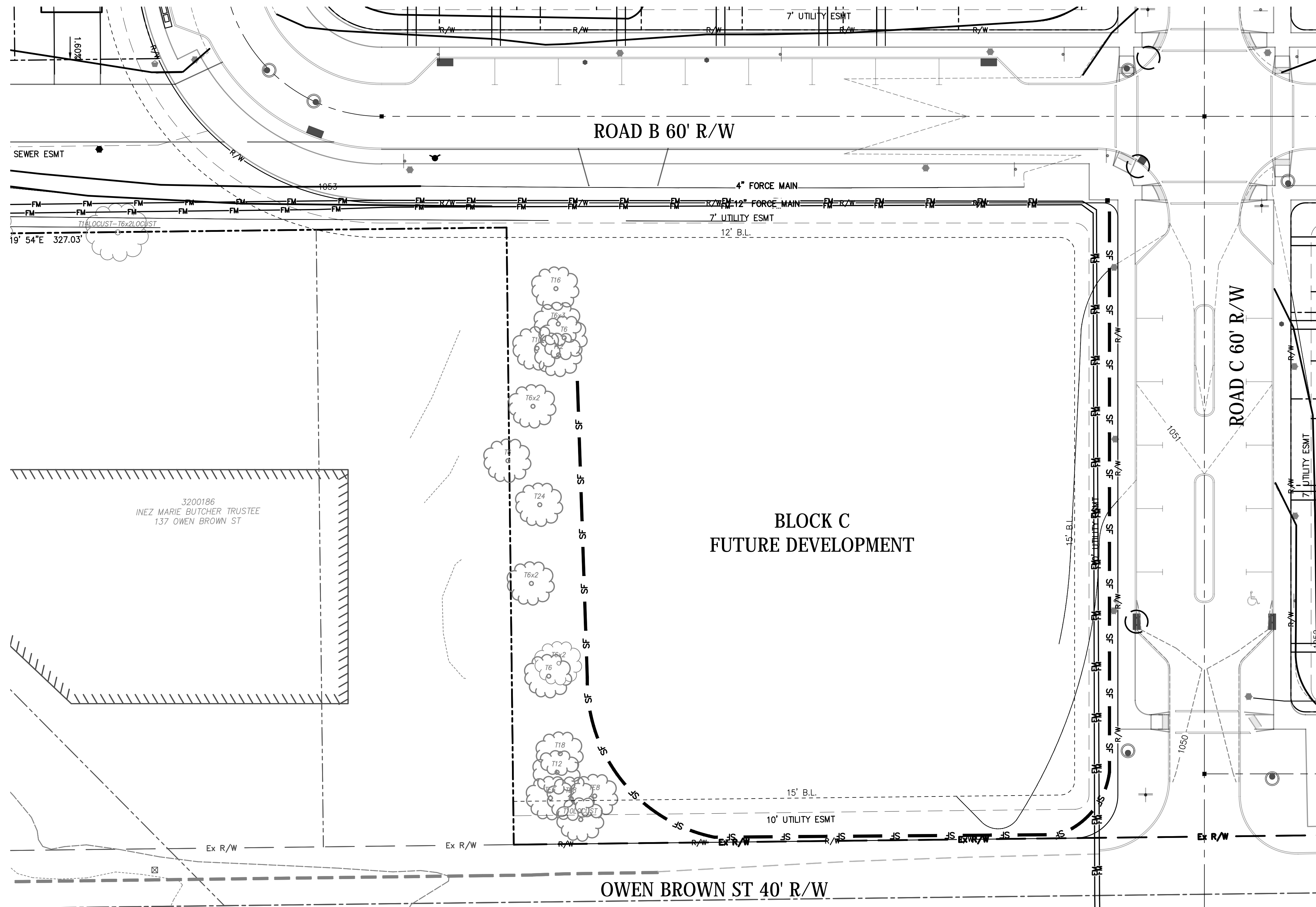
DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK C GRADING PLAN

C300

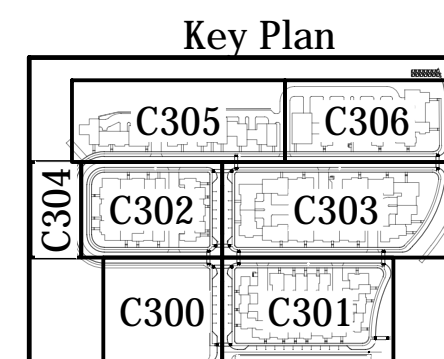


BASIS OF BEARING:
 GRID NORTH OHIO STATE PLAIN
 COORDINATE SYSTEM NAD 83 (2011)

BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88

- GRADING NOTES:**
- ALL WALKS CROSS SLOPE SHALL BE 1/4"/FT MAX.
 - PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

- LEGEND**
- 1000--- EXISTING COUNTERS, MAJOR/MINOR
 - - - - -999- - - - - PROPOSED CONTOUR
 - SF SILT FENCE/TUBE
 - [] INLET PROTECTION-SILT FENCE
 - () INLET PROTECTION - WATTLE
 - ↪ 100 YR FLOW PATH



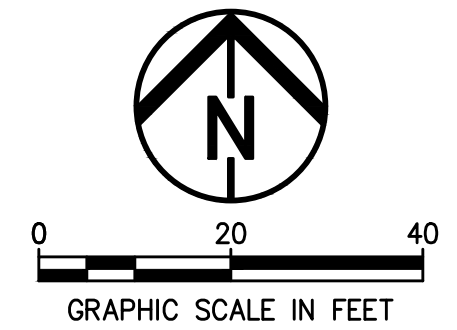
GRADING NOTES:

1. ALL WALKS CROSS SLOPE SHALL BE 1/4" / FT MAX.
2. PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

LEGEND

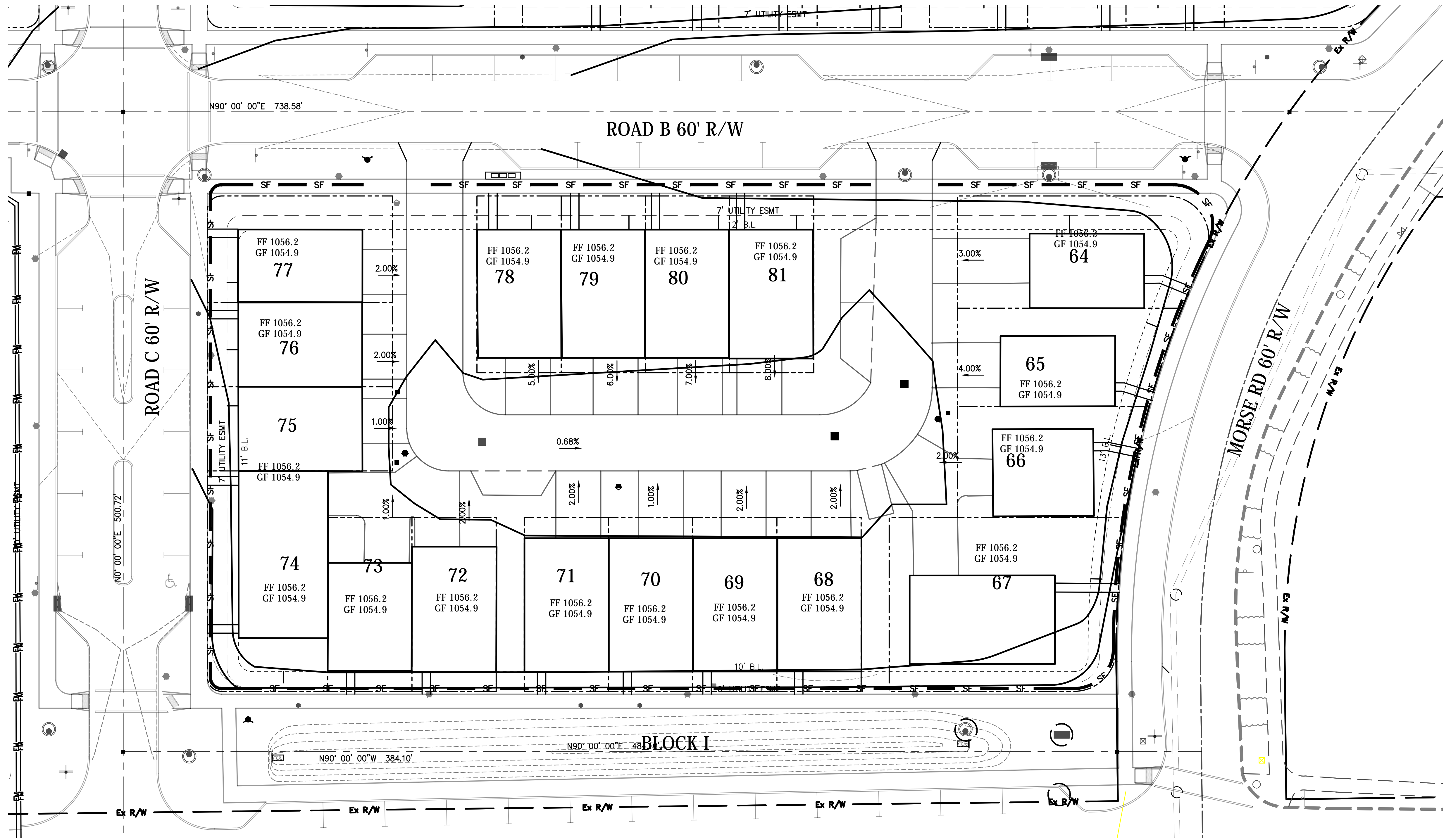
- 1000--- EXISTING COUNTORS, MAJOR/MINOR
- 999---
- 1000— PROPOSED CONTOUR
- SF — SILT FENCE/TUBE
- INLET PROTECTION—SILT FENCE
- INLET PROTECTION — WATTLE
- 100 YR FLOW PATH

BM
RIM OF EXISTING SANITARY MH
19.5' E MORSE RD C
25.5' N OWEN BROWN C
ELEVATION= 1048.65 NAVD88

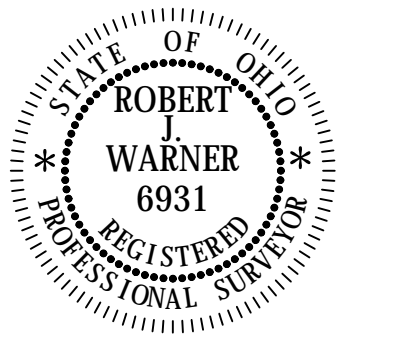


Environmental Design Group
AKRON / CLEVELAND / COLUMBUS
450 GRANT ST., AKRON, OH 44311
P 330.375.1390 / F 330.835.1590
W ENVDESIGNGROUP.COM

811 Know what's below. Call before you dig.



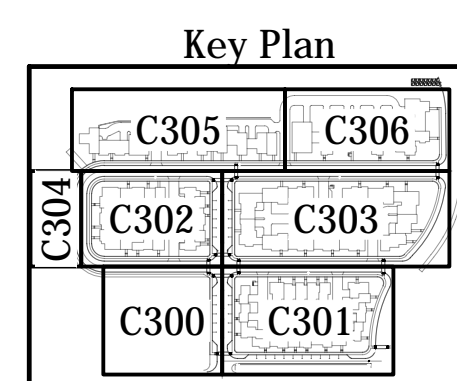
HUDSON DOWNTOWN PHASE 2A
PRIVATE DEVELOPMENT
TESTA COMPANIES



DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

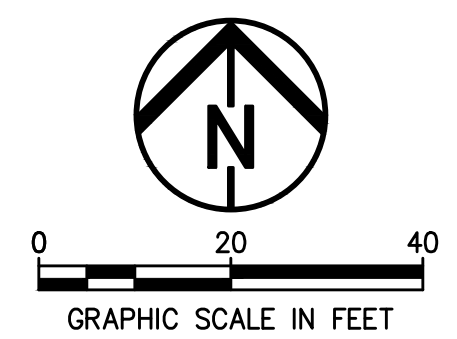
PROJECT NO.: 17-00257-020
DRAWN BY: NJM
CHECKED BY: RJW
DATE ISSUED: 2018-10-15



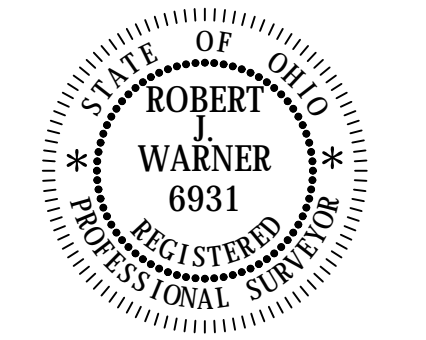
BLOCK D GRADING PLAN

C301

ENVIRONMENTAL DESIGN GROUP 17-00257-020 BLOCK D PLAN 2018.10.15 11:36:06 AM



HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES

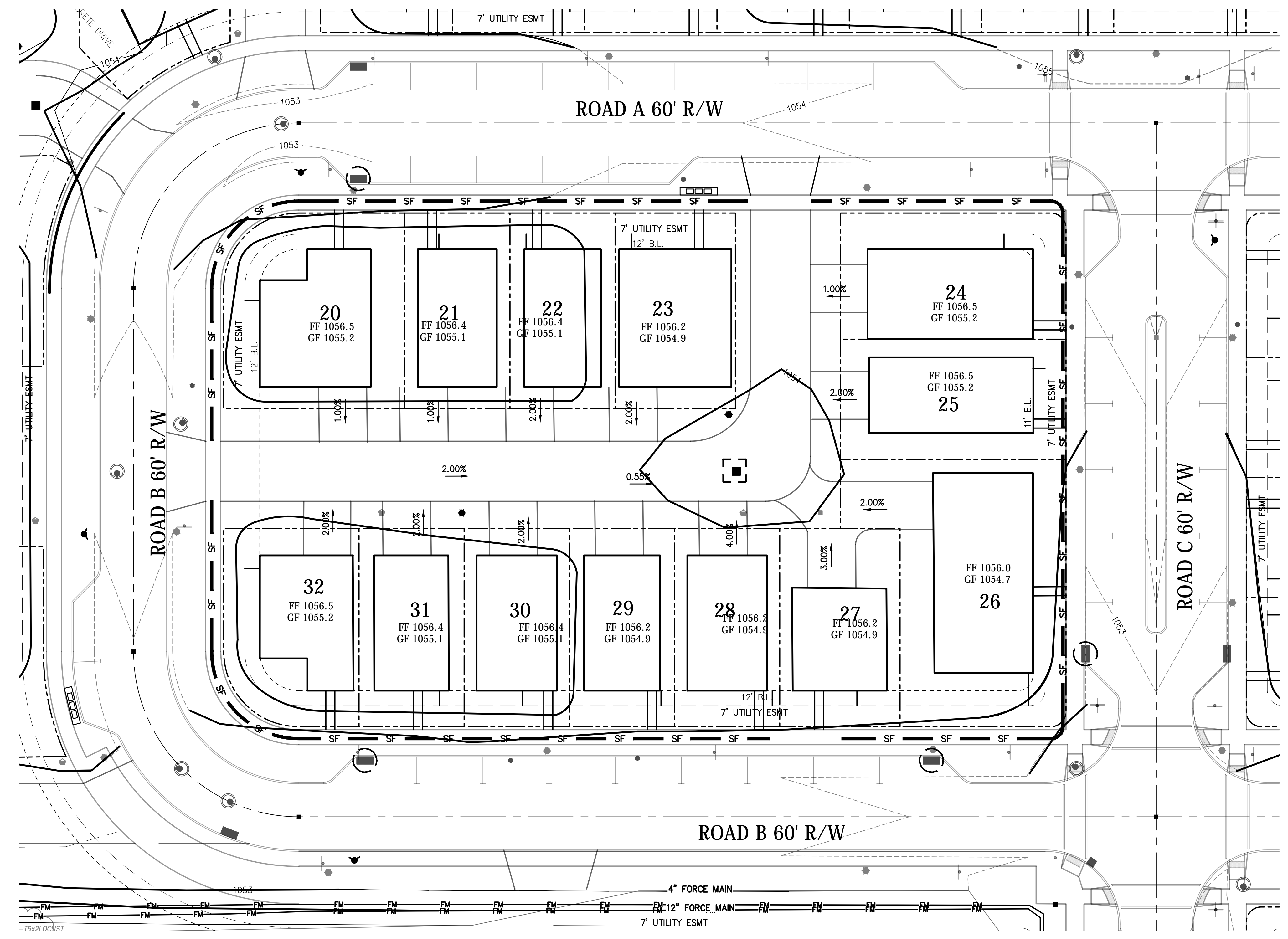


DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK E GRADING PLAN
C302

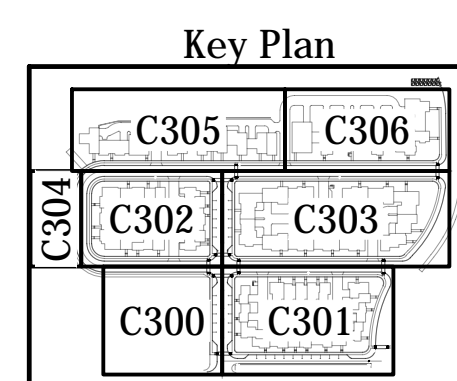


BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88

- GRADING NOTES:**
- ALL WALKS CROSS SLOPE SHALL BE 1/4" / FT MAX.
 - PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

LEGEND

- EXISTING COUNTERS, MAJOR/MINOR
- EXISTING COUNTERS, MAJOR/MINOR
- PROPOSED CONTOUR
- SILT FENCE/TUBE
- INLET PROTECTION - SILT FENCE (2' C40P)
- INLET PROTECTION - WATTLE
- 100 YR FLOW PATH



ENVIRONMENTAL DESIGN GROUP 17-00257-020 BLOCK E MAIN SITE DESIGN CONSTRUCTION PLANS 2018.10.15 11:38:28 AM

(X)

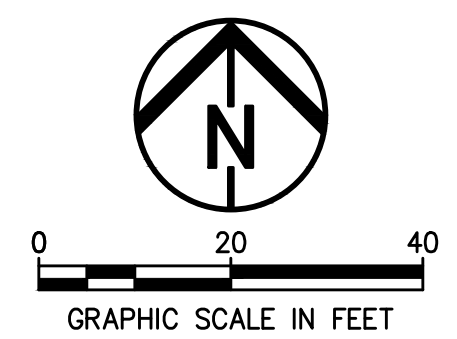
GRADING NOTES:

- 1. ALL WALKS CROSS SLOPE SHALL BE 1/4"/FT MAX.
- 2. PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

LEGEND

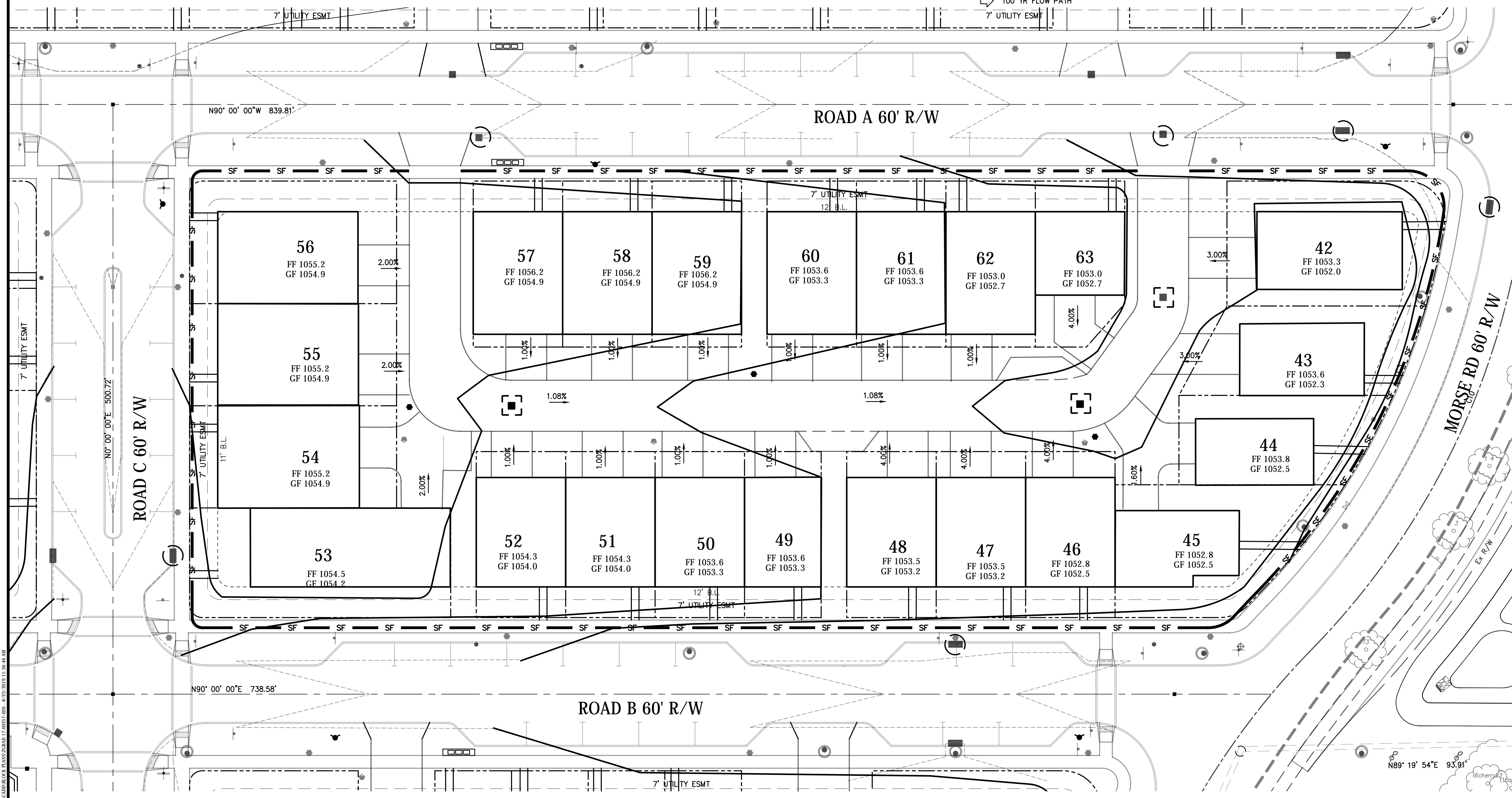
- 1000-999- EXISTING CONTOURS, MAJOR/MINOR
- 1000- PROPOSED CONTOUR
- SF SILT FENCE/TUBE
- INLET PROTECTION-SILT FENCE C408
- INLET PROTECTION - WATTLE
- 100 YR FLOW PATH
- 7' UTILITY ESMT

BM
RIM OF EXISTING SANITARY MH
19.5' E MORSE RD C
25.5' N OWEN BROWN C
ELEVATION= 1048.65 NAVD88

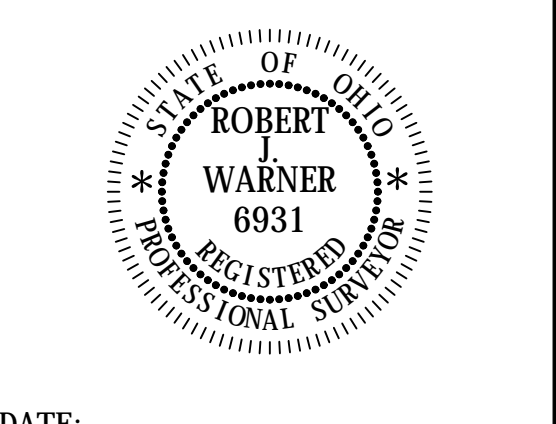


Environmental Design Group
AKRON / CLEVELAND / COLUMBUS
HQ 450 GRANT ST., AKRON, OH 44311
P 330.375.1590 / F 800.835.1590
W ENVDESIGNGROUP.COM

811 Know what's below. Call before you dig.



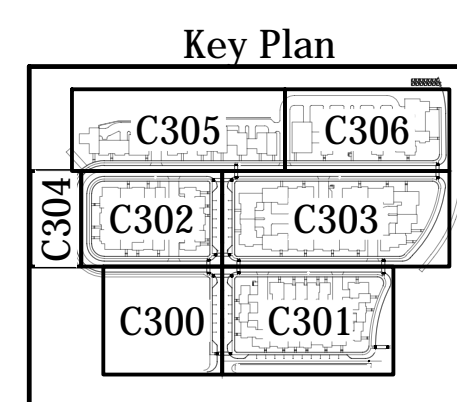
HUDSON DOWNTOWN PHASE 2A
PRIVATE DEVELOPMENT
TESTA COMPANIES



DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

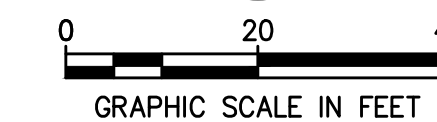
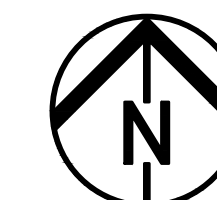
PROJECT NO.: 17-00257-020
DRAWN BY: NLM
CHECKED BY: RJW
DATE ISSUED: 2018-10-15



BLOCK F GRADING PLAN

C303

ENVIRONMENTAL DESIGN GROUP 17-00257-020 FIRST & MAIN SITE DESIGN CONSTRUCTION PLANS (2/2018) 17-00257-020 - 8/22/2018 11:38:40 AM



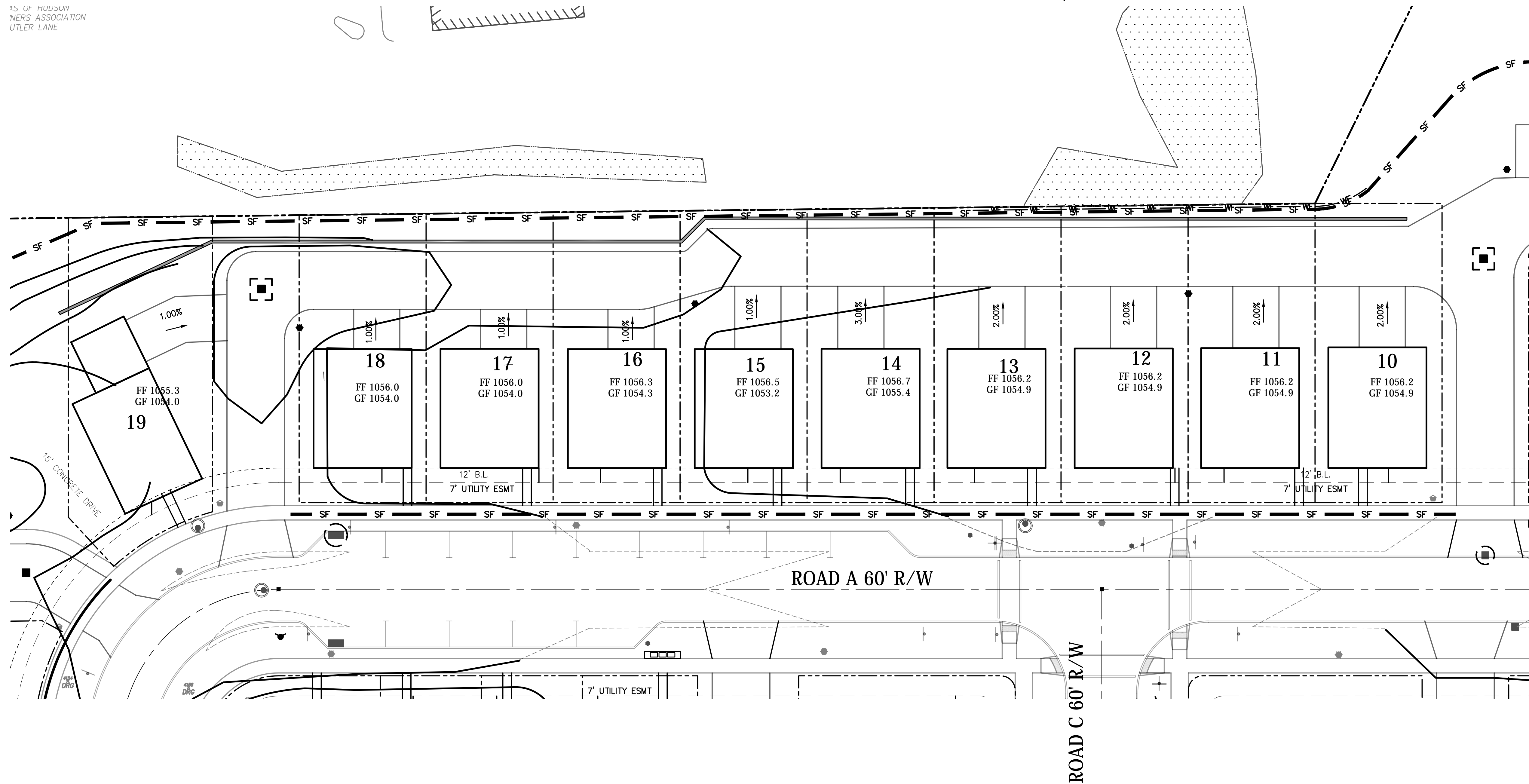
GRADING NOTES:

1. ALL WALKS CROSS SLOPE SHALL BE 1/4"/FT MAX.
2. PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

LEGEND

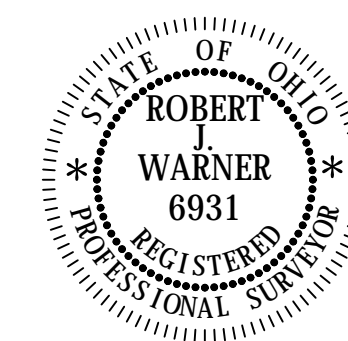
- 1000- -999- EXISTING COUNTERS, MAJOR/MINOR
- 1000- PROPOSED CONTOUR
- SF SILT FENCE/TUBE
- INLET PROTECTION-SILT FENCE (2/1) C408
- INLET PROTECTION - WATTLE
- 100 YR FLOW PATH

BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88



15' OF HUDSON
 NERS ASSOCIATION
 UTLER LANE

HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES

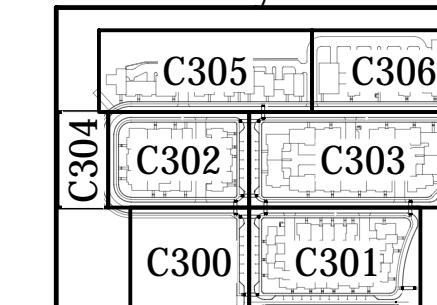


DATE:

REVISIONS		
Δ	DATE	DESCRIPTION

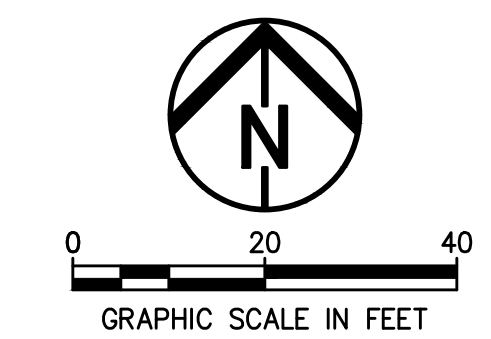
PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

Key Plan

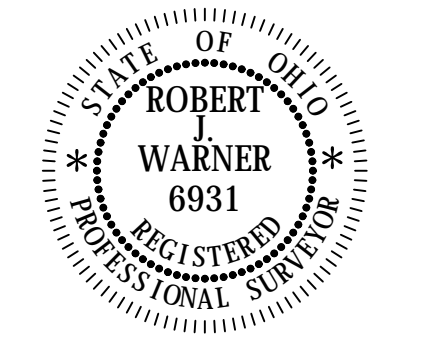


**BLOCK H WEST
 GRADING PLAN**

C305



HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



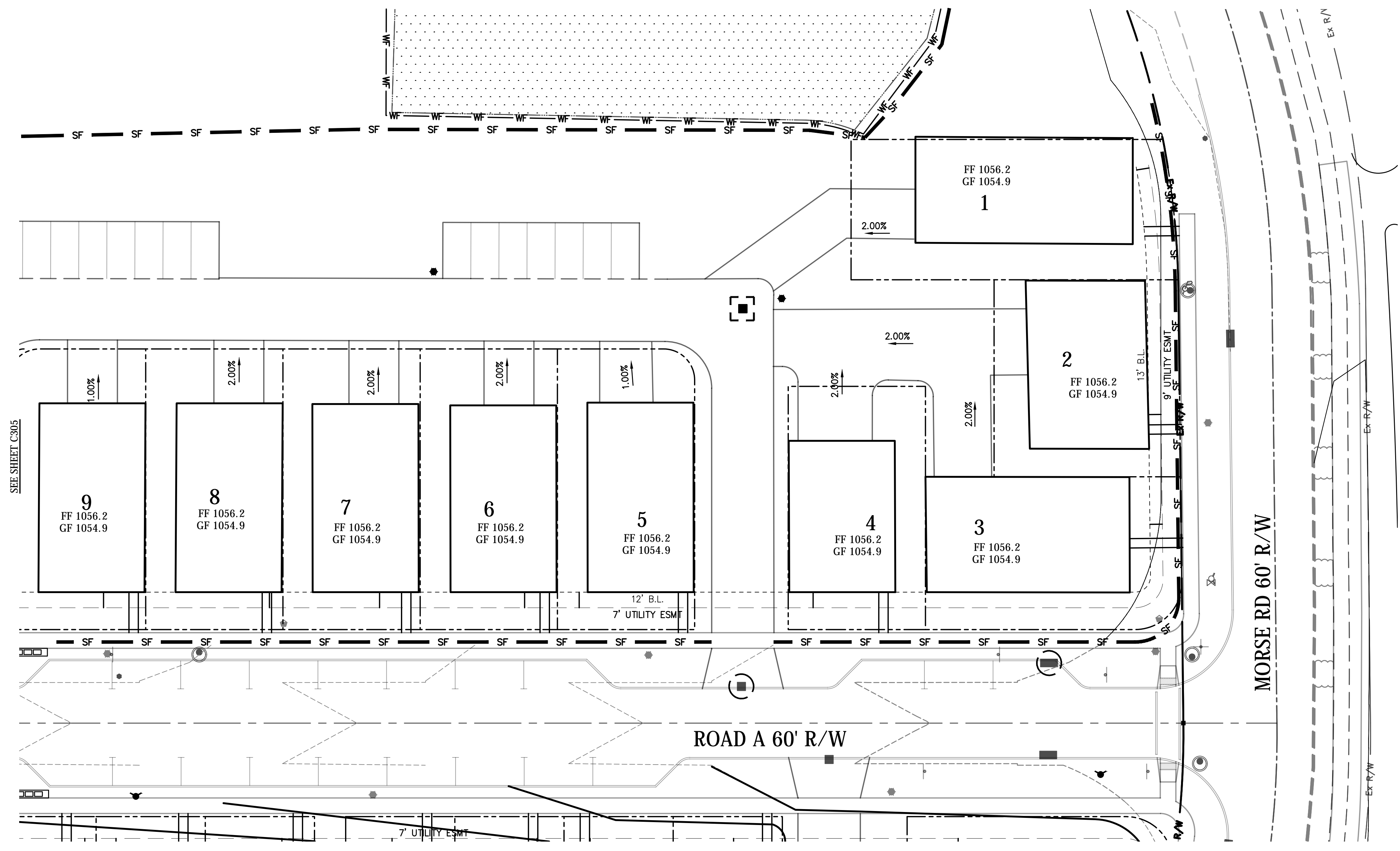
DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK H EAST GRADING PLAN

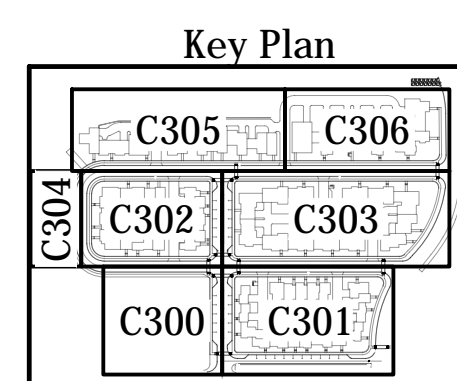
C306



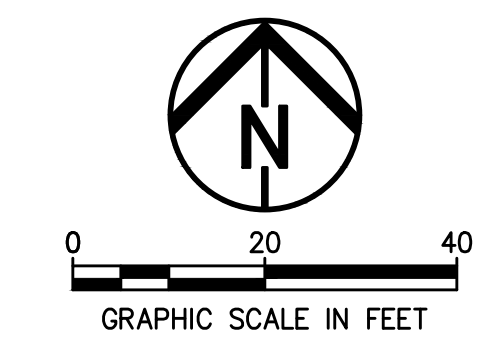
BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88

- GRADING NOTES:**
- ALL WALKS CROSS SLOPE SHALL BE 1/4"/FT MAX.
 - PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

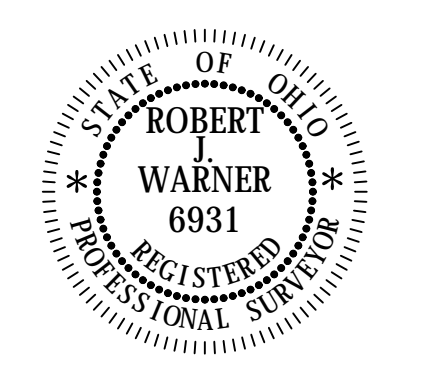
- LEGEND**
- 1000--- EXISTING COUNTERS, MAJOR/MINOR
 - 999--- EXISTING COUNTERS, MAJOR/MINOR
 - 1000— PROPOSED CONTOUR
 - SF— SILT FENCE/TUBE
 - WF— WETLAND FENCE
 - INLET PROTECTION—SILT FENCE (2/409)
 - INLET PROTECTION—WATTLE
 - ↪ 100 YR FLOW PATH



ENVIRONMENTAL DESIGN GROUP 17-00257-020 BLOCK H EAST GRADING PLAN SHEET C306 10/15/18 11:32:47 AM



HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



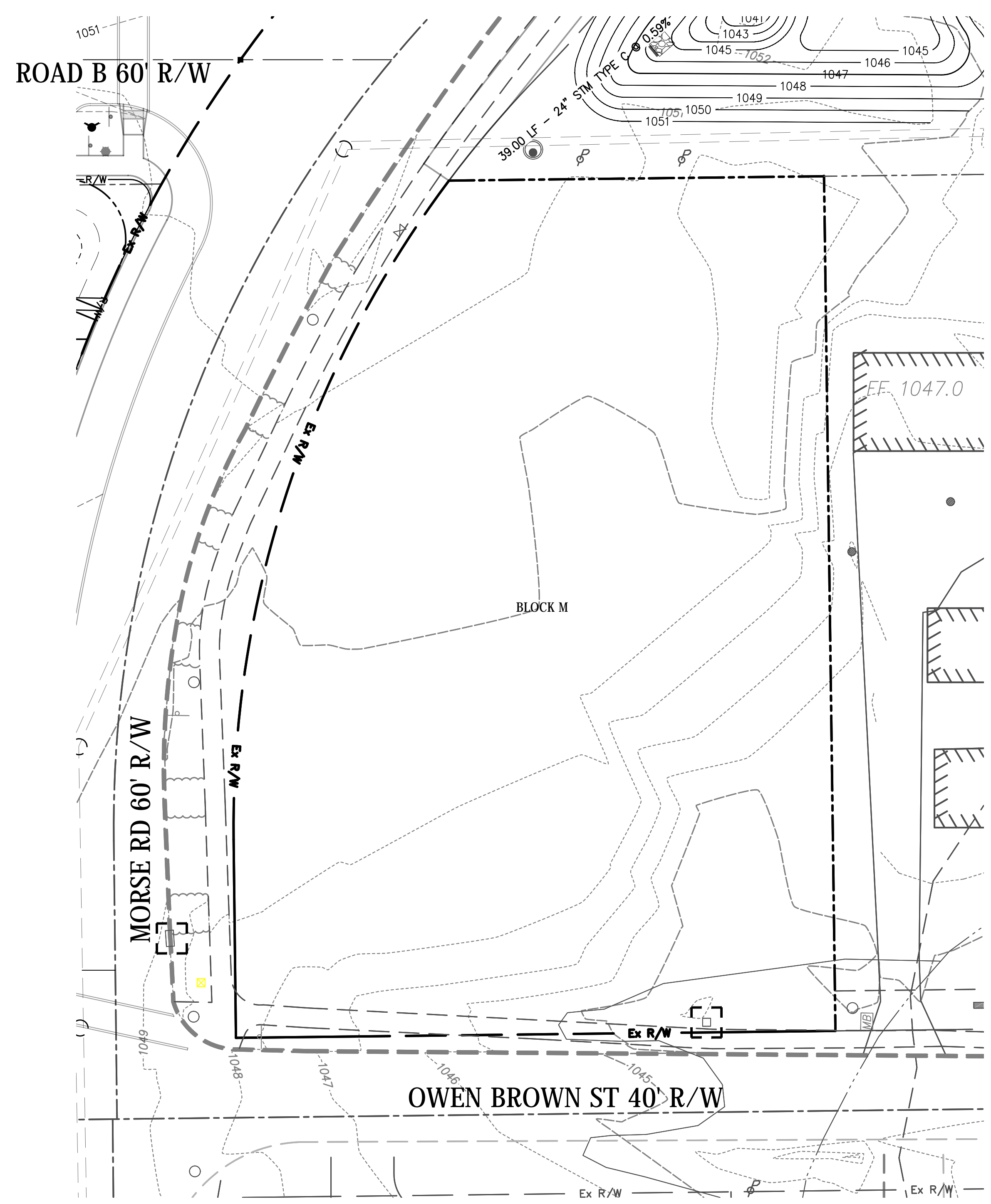
DATE: _____

REVISIONS		
△	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK M GRADING PLAN

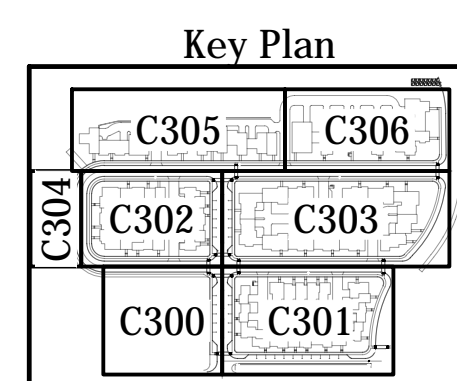
C307

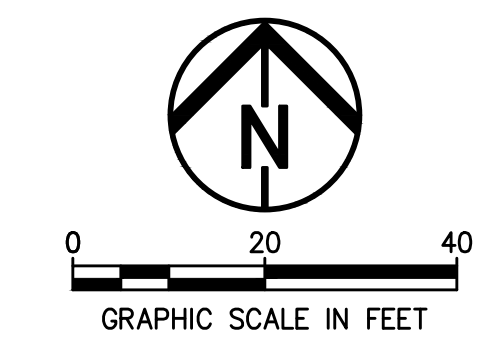


BM
 RIM OF EXISTING SANITARY MH
 19.5' E MORSE RD C
 25.5' N OWEN BROWN C
 ELEVATION= 1048.65 NAVD88

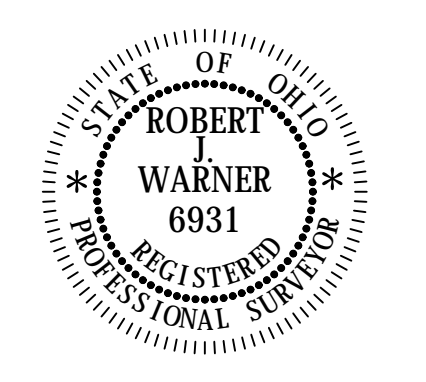
- GRADING NOTES:**
- ALL WALKS CROSS SLOPE SHALL BE 1/4" / FT MAX.
 - PROVIDE SMOOTH TRANSITION BETWEEN WALKS AT ALL TIMES

- LEGEND**
- EXISTING COUNTERS, MAJOR/MINOR
 - EXISTING COUNTERS, MAJOR/MINOR
 - PROPOSED CONTOUR
 - SILT FENCE/TUBE
 - INLET PROTECTION - SILT FENCE (2' x 40')
 - INLET PROTECTION - WATTLE
 - 100 YR FLOW PATH





HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



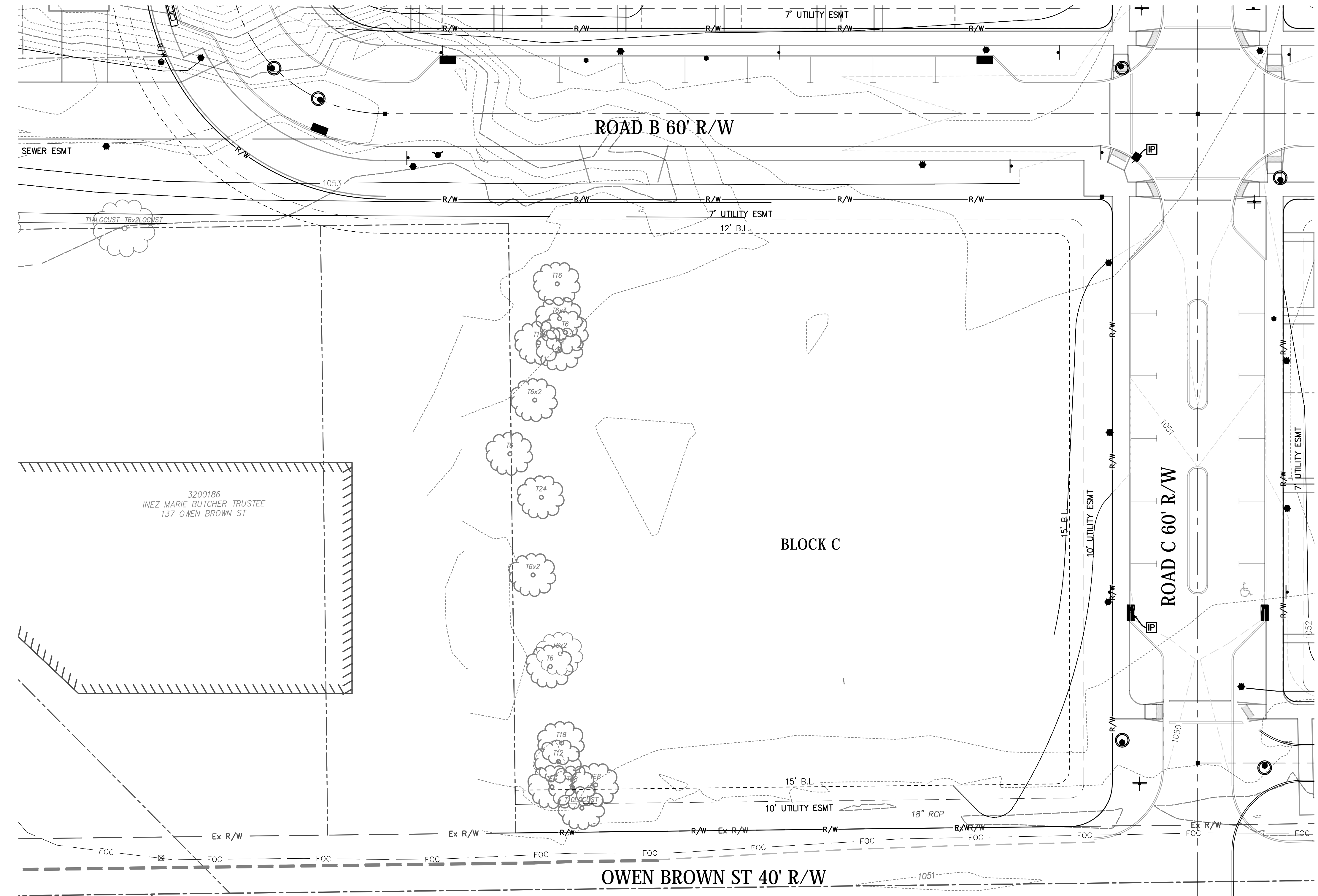
DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK C SWPP PLAN

C400

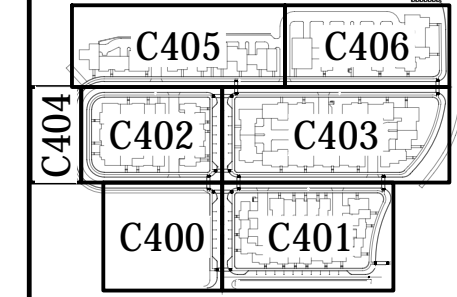


STORMWATER POLLUTION PREVENTION LEGEND

- SF SILT FENCE
- JS SILT SOCK
- IP INLET PROTECTION
- EXISTING CONTOURS
- PROPOSED CONTOUR
- TEMPORARY CONSTRUCTION DRIVE
- CWS CONCRETE WASHOUT STATION

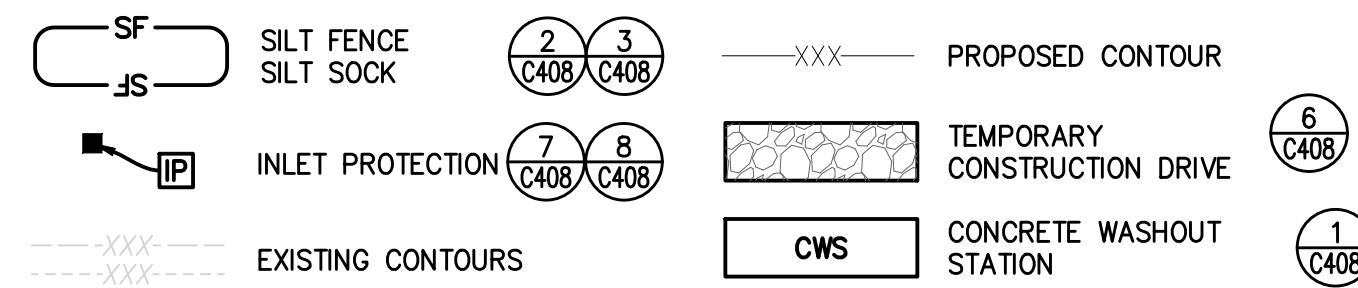


Key Plan



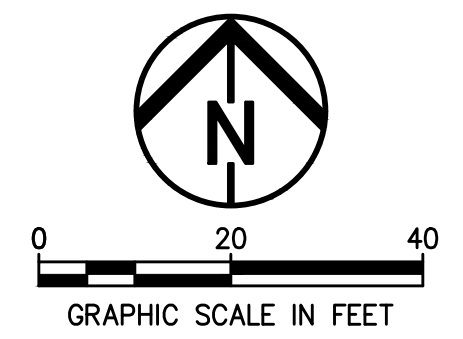
ENVIRONMENTAL DESIGN GROUP 17-00257-020 BLOCK C SWPP PLAN 25/10/18 11:38:40 AM

STORMWATER POLLUTION PREVENTION LEGEND



STORMWATER POLLUTION PREVENTION NOTES

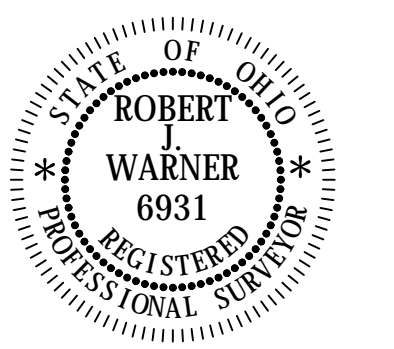
1. THE CONTRACTOR SHALL USE EXISTING CONCRETE WASHOUT PIT LOCATED ON BLOCK C.
2. TEMPORARY SEDIMENT POND SHOWN HEREON SHALL BE REMOVED WITH APPROVAL FROM SUMMIT SOIL & WATER.
3. MAINTAIN SILT FENCE AND EROSION CONTROL MEASURES UNTIL 85% OF THE LANDSCAPE HAS BEEN ESTABLISHED.
4. TEMPORARY SEDIMENT POND & SKIMMER TO REMAIN UNTIL SUCH TIME AS DEVELOPMENT SITE HAS BEEN STABILIZED AND REMOVAL IS APPROVED BY SUMMIT SOIL AND WATER.



Environmental Design Group
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 HQ 450 GRANT ST., AKRON, OH 44311
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 PRIVATE DEVELOPMENT
 TESTA COMPANIES



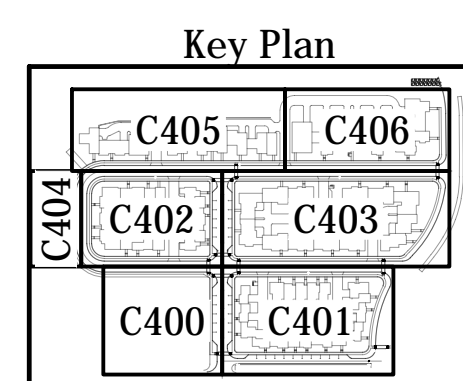
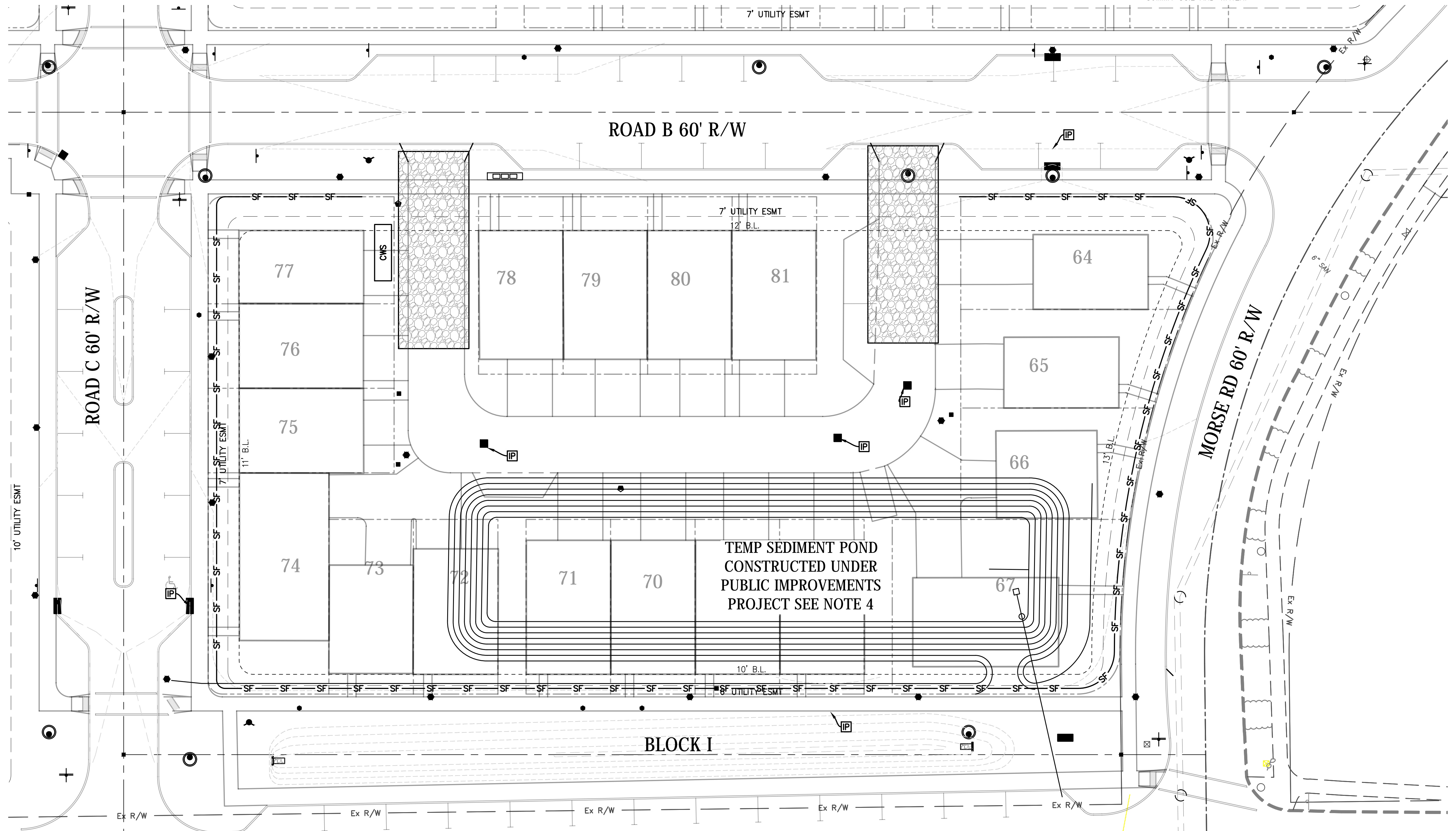
DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

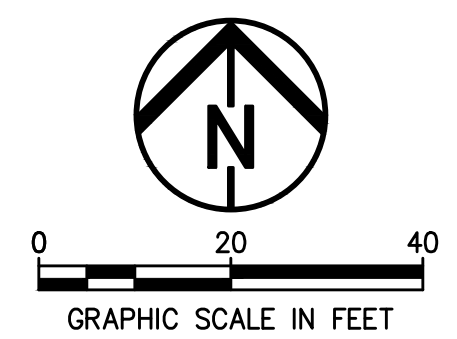
PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK D SWPP PLAN

C401



ENVIRONMENTAL DESIGN GROUP 17-00257-020 SWPP & MAIN SITE DESIGN (CADD) BLOCK PLANS (SWPP) 17-00257-020 - 8/22/2018 11:35:06 AM

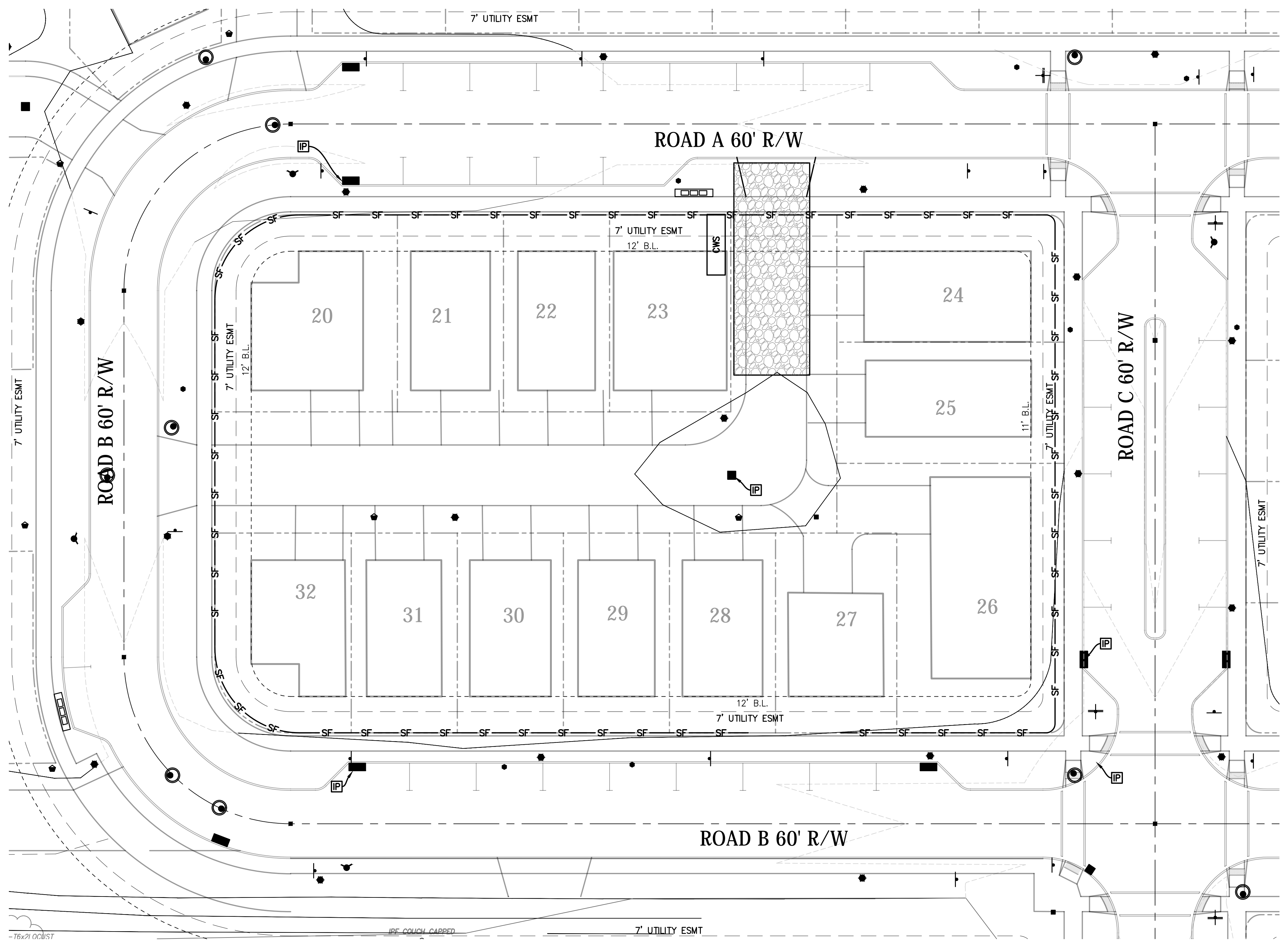


STORMWATER POLLUTION PREVENTION NOTES

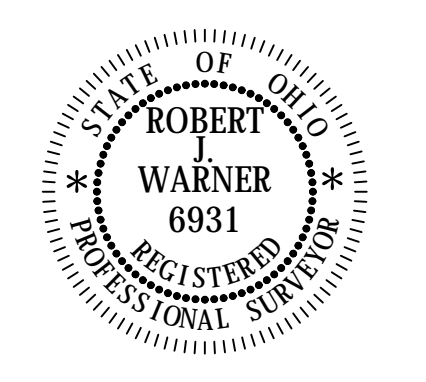
1. THE CONTRACTOR SHALL USE EXISTING CONCRETE WASHOUT PIT LOCATED ON BLOCK C.
2. TEMPORARY SEDIMENT POND SHOWN HEREON SHALL BE REMOVED WITH APPROVAL FROM SUMMIT SOIL & WATER.
3. MAINTAIN SILT FENCE AND EROSION CONTROL MEASURES UNTIL 85% OF THE LANDSCAPE HAS BEEN ESTABLISHED.

STORMWATER POLLUTION PREVENTION LEGEND

	SILT FENCE		2
	SILT SOCK		3
	INLET PROTECTION		7
			8
	EXISTING CONTOURS		6
	PROPOSED CONTOUR		1
	TEMPORARY CONSTRUCTION DRIVE		
	CONCRETE WASHOUT STATION		



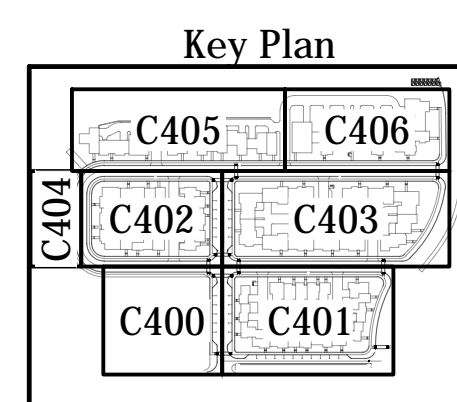
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

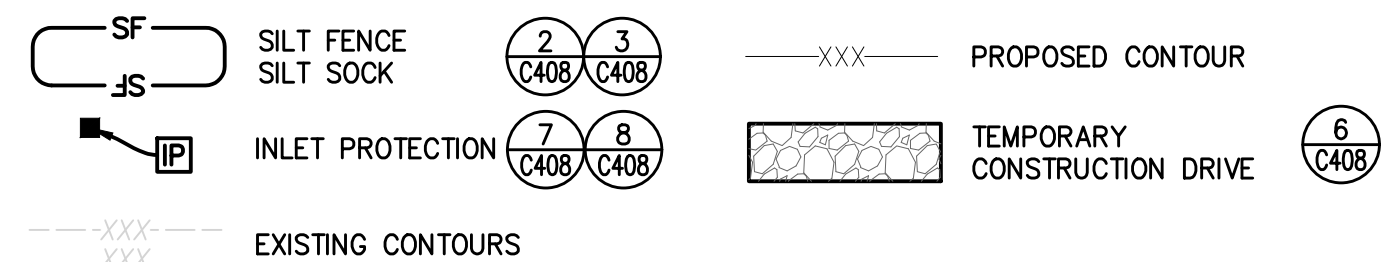


BLOCK E SWPP PLAN

C402

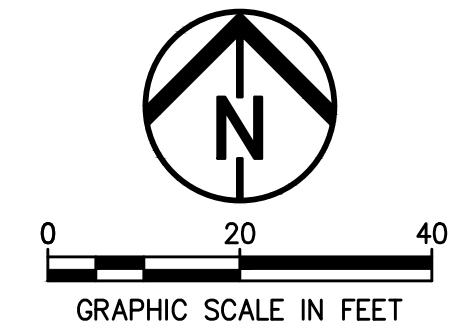
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STORMWATER POLLUTION PREVENTION LEGEND



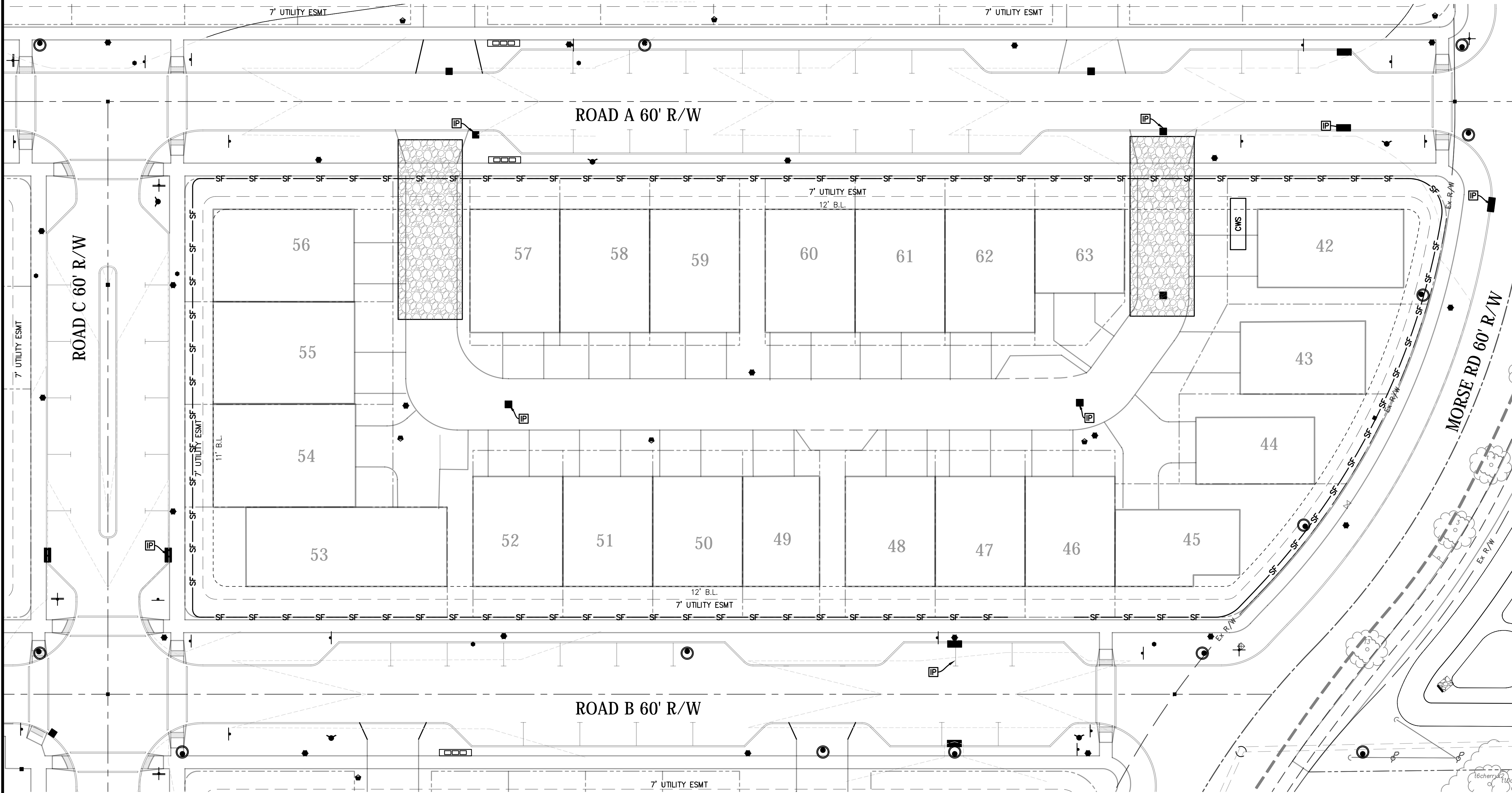
STORMWATER POLLUTION PREVENTION NOTES

1. THE CONTRACTOR SHALL USE EXISTING CONCRETE WASHOUT PIT LOCATED ON BLOCK C.
2. TEMPORARY SEDIMENT POND SHOWN HEREON SHALL BE REMOVED WITH APPROVAL FROM SUMMIT SOIL & WATER.
3. MAINTAIN SILT FENCE AND EROSION CONTROL MEASURES UNTIL 85% OF THE LANDSCAPE HAS BEEN ESTABLISHED.

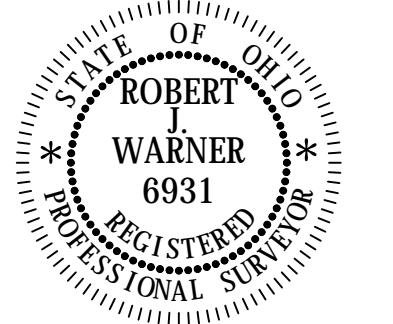


Environmental Design Group
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 HQ 450 GRANT ST., AKRON, OH 44311
 P 330.375.1590 / F 330.835.1590
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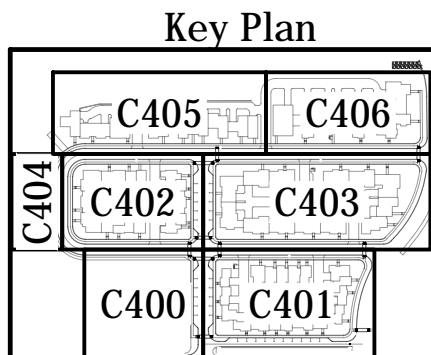
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

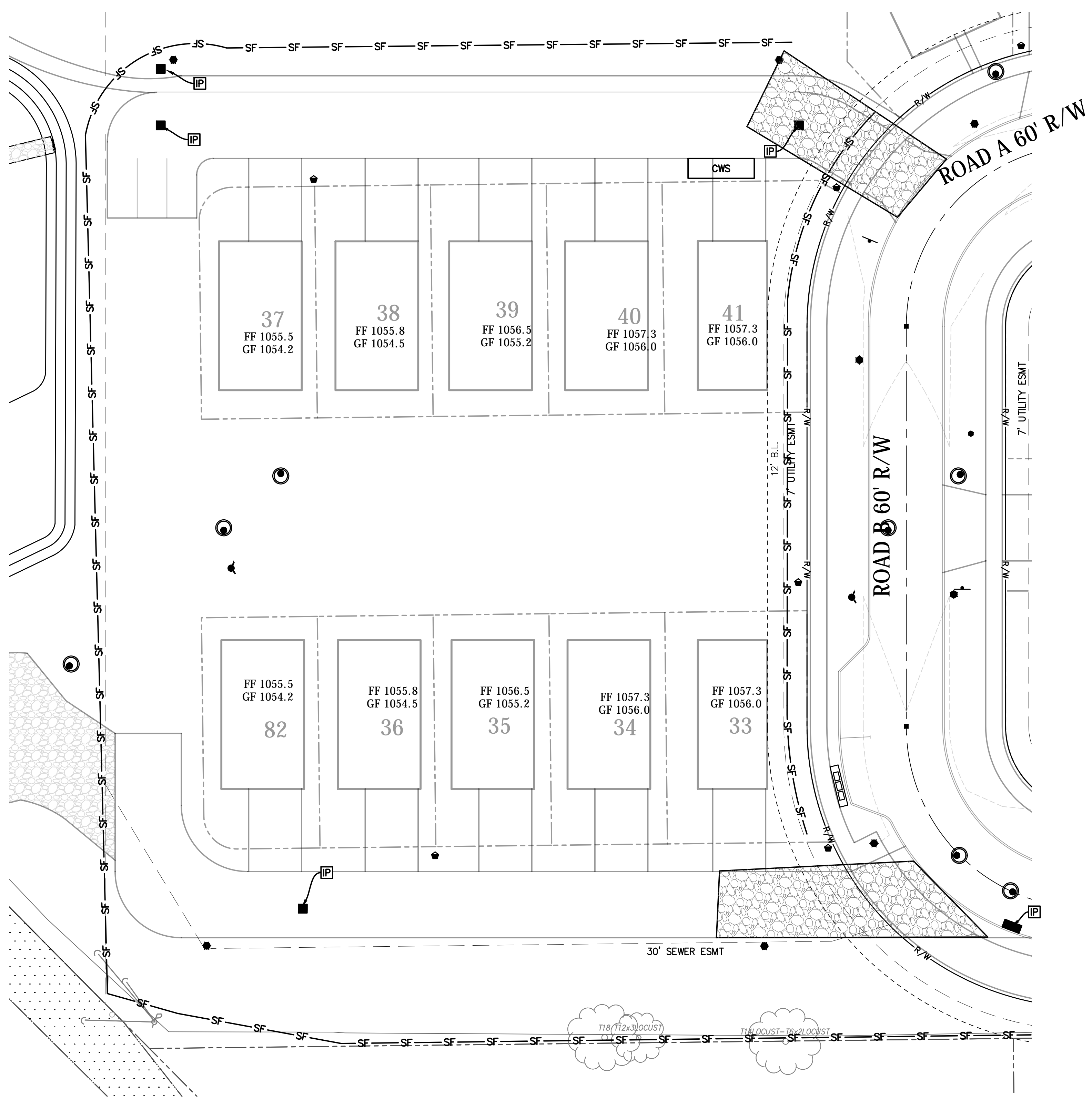
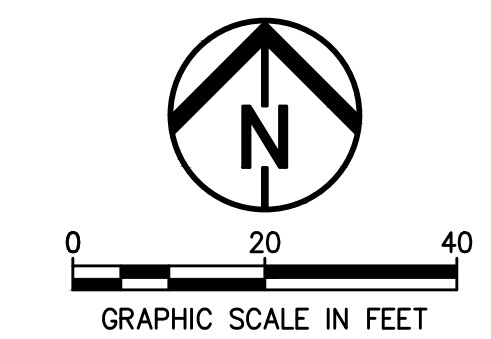
PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15



BLOCK F SWPP PLAN

C403

ENVIRONMENTAL DESIGN GROUP, 450 GRANT ST., AKRON, OH 44311, TEL: 330.375.1590, FAX: 330.835.1590, WWW.ENVDESIGNGROUP.COM



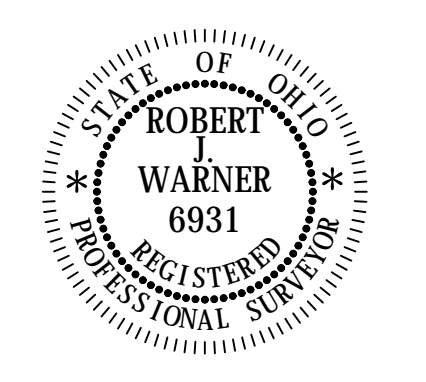
STORMWATER POLLUTION PREVENTION NOTES

1. THE CONTRACTOR SHALL USE EXISTING CONCRETE WASHOUT PIT LOCATED ON BLOCK C.
2. TEMPORARY SEDIMENT POND SHOWN HEREON SHALL BE REMOVED WITH APPROVAL FROM SUMMIT SOIL & WATER.
3. MAINTAIN SILT FENCE AND EROSION CONTROL MEASURES UNTIL 85% OF THE LANDSCAPE HAS BEEN ESTABLISHED.

STORMWATER POLLUTION PREVENTION LEGEND

	SILT FENCE		
	SILT SOCK		
	INLET PROTECTION		
	EXISTING CONTOURS		
	PROPOSED CONTOUR		
	TEMPORARY CONSTRUCTION DRIVE		
	CONCRETE WASHOUT STATION		

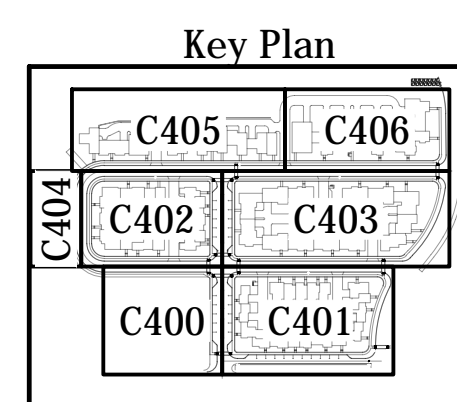
HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

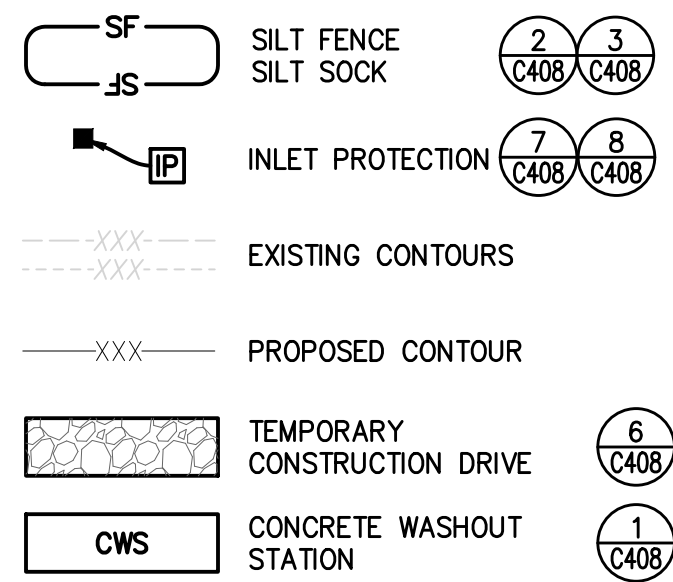


BLOCK G SWPP PLAN

C404

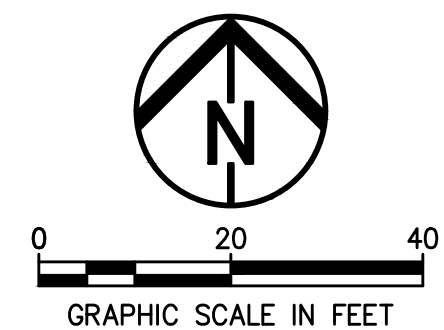
ENVIRONMENTAL DESIGN GROUP 17-00257-020 BLOCK G SWPP PLAN 2018-10-15 11:46:08 AM

STORMWATER POLLUTION PREVENTION LEGEND

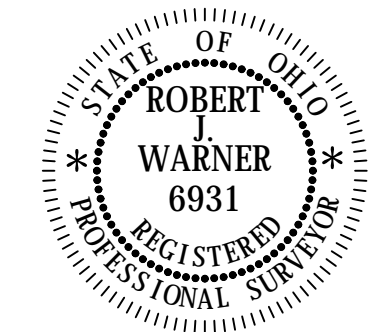


STORMWATER POLLUTION PREVENTION NOTES

1. THE CONTRACTOR SHALL USE EXISTING CONCRETE WASHOUT PIT LOCATED ON BLOCK C.
2. TEMPORARY SEDIMENT POND SHOWN HEREON SHALL BE REMOVED WITH APPROVAL FROM SUMMIT SOIL & WATER.
3. MAINTAIN SILT FENCE AND EROSION CONTROL MEASURES UNTIL 85% OF THE LANDSCAPE HAS BEEN ESTABLISHED.



HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



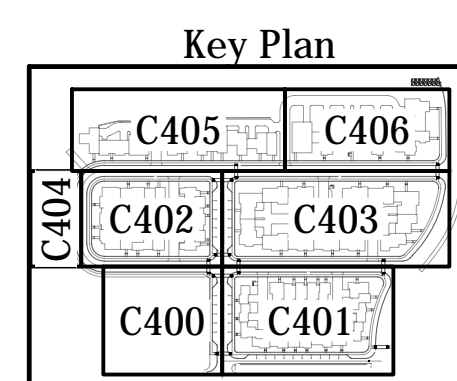
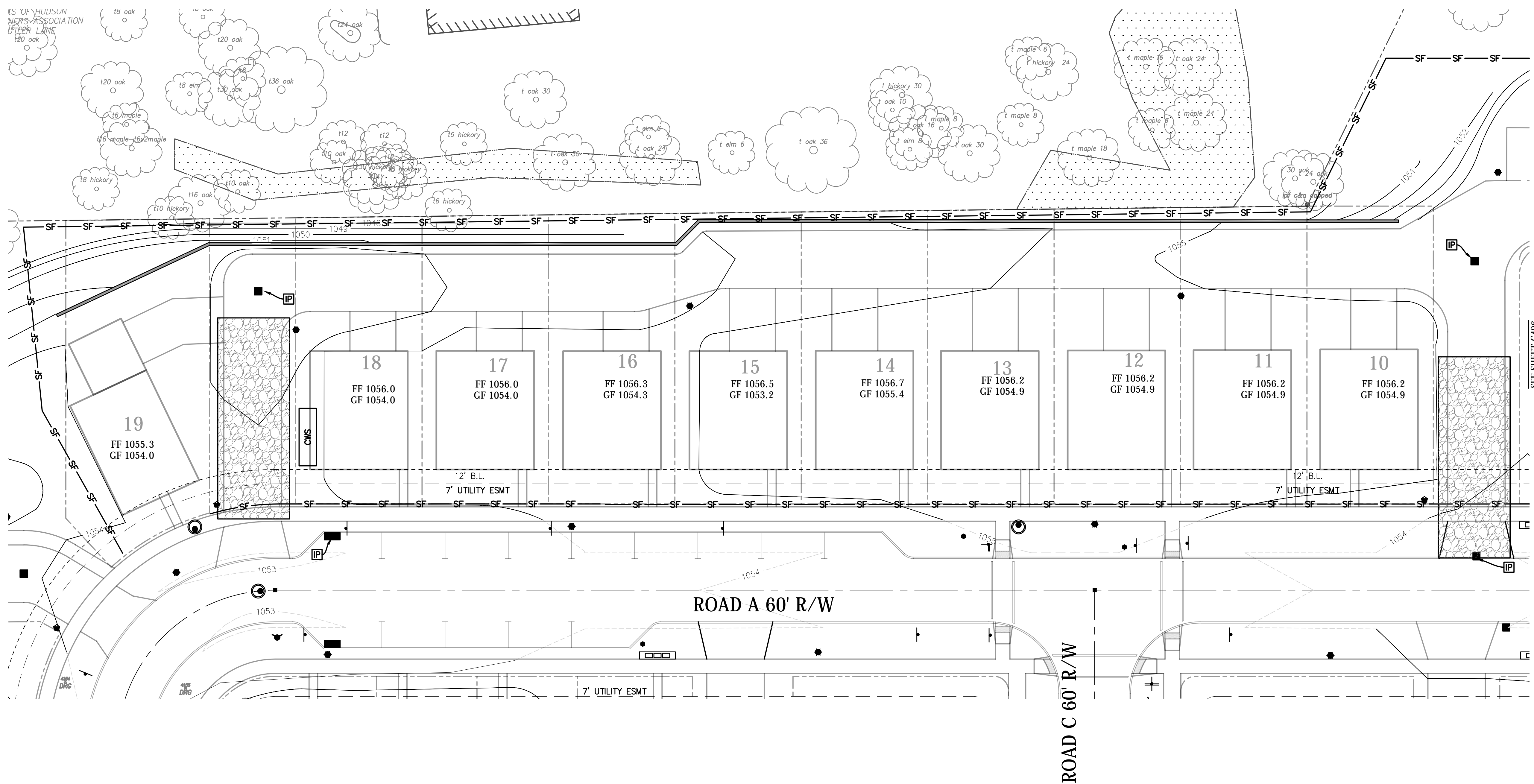
DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

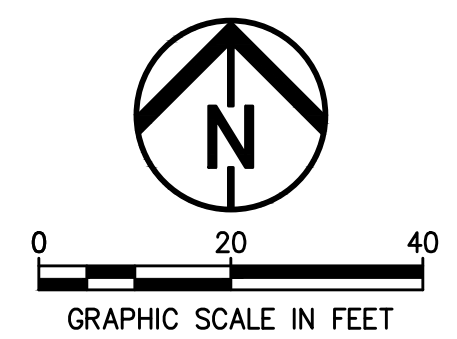
PROJECT NO.: 17-00257-020
 DRAWN BY: NJM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK H WEST SWPP PLAN

C405



ENVIRONMENTAL DESIGN GROUP ARCHITECTS & ENGINEERS, 1700 EAST 17TH AVENUE, SUITE 200, DENVER, CO 80202, P 303.733.1390, F 303.733.1590, W ENVDESIGNGROUP.COM

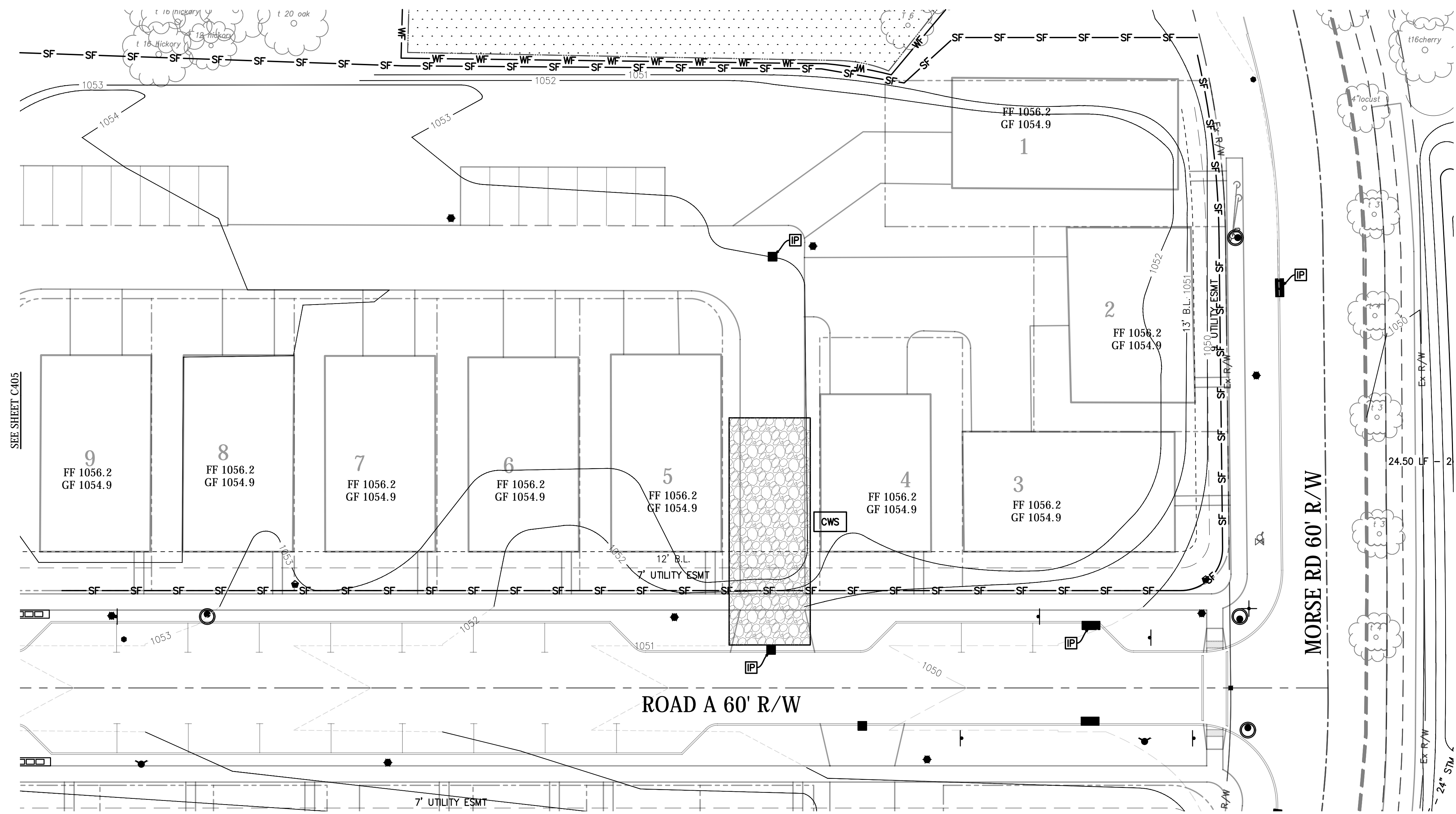


STORMWATER POLLUTION PREVENTION NOTES

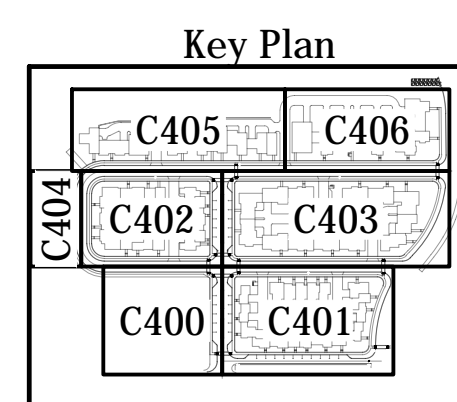
1. THE CONTRACTOR SHALL USE EXISTING CONCRETE WASHOUT PIT LOCATED ON BLOCK C.
2. TEMPORARY SEDIMENT POND SHOWN HEREON SHALL BE REMOVED WITH APPROVAL FROM SUMMIT SOIL & WATER.
3. MAINTAIN SILT FENCE AND EROSION CONTROL MEASURES UNTIL 85% OF THE LANDSCAPE HAS BEEN ESTABLISHED.

STORMWATER POLLUTION PREVENTION LEGEND

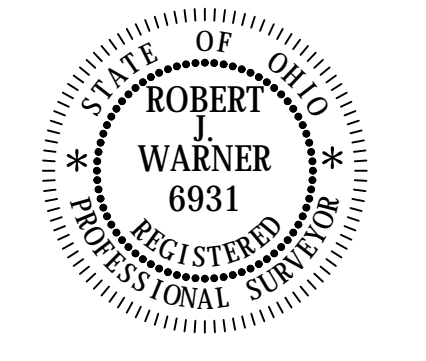
	SILT FENCE		2	3
	SILT SOCK		C408	C408
	WETLAND PROTECTION FENCE			
	INLET PROTECTION		7	8
			C408	C408
	EXISTING CONTOURS			
	PROPOSED CONTOUR			
	TEMPORARY CONSTRUCTION DRIVE		6	
			C408	
	CONCRETE WASHOUT STATION		1	
			C408	



SEE SHEET C405



HUDSON DOWNTOWN PHASE 2A
 PRIVATE DEVELOPMENT
 TESTA COMPANIES



DATE: _____

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT NO.: 17-00257-020
 DRAWN BY: NLM
 CHECKED BY: RJW
 DATE ISSUED: 2018-10-15

BLOCK H EAST SWPP PLAN

C406

STORMWATER POLLUTION PREVENTION PLAN NOTES

- CONSTRUCT IN ACCORDANCE WITH THESE PLANS, THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) STANDARD CONSTRUCTION DRAWING DM-4.4 AND THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK (2006). THE IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL SHALL ALSO CONFORM TO THE REQUIREMENTS OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) UNDER NPDES PERMIT #OH0000004. IF CONFLICTS EXIST REGARDING THE SOIL AND SEDIMENT CONTROL PRACTICES, THE MORE RESTRICTIVE SHALL APPLY.
- STABILIZATION OF DISTURBED AREAS - DISTURBED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN SEVEN (7) DAYS IF THEY ARE TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN FOURTEEN (14) DAYS. FOR AREAS WITHIN FIFTY (50) FEET OF ANY LIVE STREAM, SOIL STABILIZATION PRACTICES SHALL BE INITIATED WITHIN TWO (2) DAYS ON ALL INACTIVE, DISTURBED AREAS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. WHEN SEASONAL CONDITIONS PROHIBIT THE APPLICATION OF TEMPORARY OR PERMANENT SEEDING, NON-VEGETATIVE SOIL STABILIZATION PRACTICES SUCH AS MULCHING AND MATTING SHALL BE USED.
- INSTALL ALL EROSION/SEDIMENT CONTROL ITEMS BEFORE ANY CLEARING/GRUBBING OR EARTHWORK HAS STARTED.
- PROTECT UNDISTURBED AREAS THROUGHOUT CONSTRUCTION. DO NOT STORE EQUIPMENT, VEHICLES OR MATERIALS IN THESE PROTECTED AREAS.
- SEEDING AND FERTILIZER FOR PERMANENT COVER SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659.
- MULCHING SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659.
- TOPSOILING SHALL BE AS SPECIFIED IN ODOT CMS ITEM 659.
- EXCELSIOR MATTING/EROSION CONTROL BLANKETS WILL BE USED ON TEMPORARY DIVERSION CHANNELS AND DITCHES GREATER THAN 1.5% AND ALL OTHER SLOPES STEEPER THAN 6%. EXCELSIOR MATTING/EROSION BLANKETS SHALL BE AS SPECIFIED ON THE PLANS.
- SILT FENCE AND/OR SILT SOCK SHALL BE AS DETAILED ON THE DRAWINGS AND AS SPECIFIED ON THE PLANS.
- ROCK CHANNEL PROTECTION SHALL BE AS SPECIFIED IN ODOT CMS ITEM 601, TYPE C ROCK.
- NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORMWATER RUNOFF.
- OFF-SITE VEHICLE TRACKING OF SEDIMENTS WILL BE MINIMIZED. ALL OFF-SITE TRACKING OF SEDIMENT SHALL BE CLEANED UP AS IT OCCURS.
- SILT FENCE WILL BE USED FOR TEMPORARY EROSION CONTROL.
- OTHER EROSION CONTROL AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
- A PRE-CONSTRUCTION MEETING IS REQUIRED WITH SUMMIT S.W.C.D. (330-929-2871) PRIOR TO BEGINNING WORK.
- TRUCK WASHOUT AND DISCHARGE OF SURPLUS WASH WATER ON SITE IS PERMITTED EXCLUSIVELY IN THE DESIGNATED AREA.
- WINTERIZATION - ANY DISTURBED AREA THAT IS NOT GOING TO BE WORKED FOR 14 DAYS OR MORE MUST BE SEEDING AND MULCHED BY NOVEMBER 1 OR MUST HAVE A DORMANT SEEDING OR MULCH COVER APPLIED BETWEEN NOVEMBER 1 AND MARCH 1.
- TRENCH WATER MUST BE PUMPED THROUGH A SEDIMENT SETTLING FACILITY OR EQUALLY EFFECTIVE DEVICE PRIOR TO DISCHARGE FROM THE SITE.
- STAGING, STORAGE, FUELING AND VEHICLE PARKING ARE SHOWN ON THE SWPP PLAN. IF THE CONTRACTOR WANTS TO UTILIZE A DIFFERENT LOCATION FOR THESE FUNCTIONS, HE SHALL REVISE THE SWPP PLAN AND SUBMIT IT TO SUMMIT S.W.C.D. FOR APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES.
- DISTURBED AREAS REMAINING DORMANT FOR OVER A YEAR AT THE FINAL GRADE WILL HAVE A PERMANENT COVER APPLIED WITHIN 7 DAYS OF LAST DISTURBANCE.

MAINTENANCE AND INSPECTION:
PERMANENT RECORDS OF MAINTENANCE AND INSPECTION MUST BE MAINTAINED THROUGHOUT CONSTRUCTION A MINIMUM OF ONCE EVERY 7 DAYS AND AFTER STORM

EVENTS GREATER THAN 0.5 INCH IN A 24 HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATE OF INSPECTION, CERTIFICATION OF COMPLIANCE AND CORRECTIVE MEASURES TAKEN.

REPAIRS:
ANY EROSION CONTROL MEASURES, STRUCTURES, DEVICES, OR RELATED ITEMS IN NEED OF REPAIR WILL BE MADE WITHIN 7 DAYS.

MATERIAL MANAGEMENT PRACTICES:
THE FOLLOWING PRACTICES SHALL BE EXECUTED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUN-OFF. THE JOB SITE SUPERINTENDENT IS RESPONSIBLE FOR ENSURING THESE PRACTICES ARE FOLLOWED:

- STORE THE MINIMUM AMOUNT OF PRODUCT REQUIRED TO COMPLETE THE JOB, IF POSSIBLE, UNDER ROOF OR IN A CONTAINMENT AREA. PRODUCTS SHALL REMAIN IN THEIR ORIGINAL CONTAINER. LABEL MUST BE LEGIBLE.
- MANUFACTURER'S RECOMMENDATION SHALL BE FOLLOWED FOR USE AND DISPOSAL.
- PRODUCT TO BE USED ENTIRELY (WHEN POSSIBLE) PRIOR TO DISPOSING.
- MATERIAL SAFETY DATA SHEETS (MSDS) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES USED ON THE SITE SHALL BE OBTAINED AND POSTED IN THE IMMEDIATE AREA OF PRODUCT STORAGE AND SHALL BE USED FOR PROPER MANAGEMENT OF POTENTIAL WASTE.
- ALL HAZARDOUS WASTE MATERIAL WILL BE DISPOSED BY THE CONTRACTOR IN A MANNER SPECIFIED BY LOCAL, STATE OR FEDERAL REGULATIONS AND PER MANUFACTURERS RECOMMENDATIONS.
- ALL PERSONNEL SHALL BE TRAINED IN THE PROPER HANDLING AND CLEAN UP OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR WASTE SHALL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF NECESSARY, THE CONTAMINATED STORMWATER WILL BE HELD ON SITE UNTIL IT MEETS LOCAL, STATE AND FEDERAL REGULATIONS.
- IN THE EVENT OF A SPILL THE FOLLOWING PROCEDURES MUST BE FOLLOWED:
 - ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
 - THE PROJECT MANAGER AND ENGINEER OF RECORD IMMEDIATELY NOTIFIED.
 - ANY SPILLS OF TOXIC OR HAZARDOUS MATERIALS MUST BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AGENCY. THE EPA NATIONAL RESPONSE CENTER (1-800-424-8802) MUST BE NOTIFIED WHEN A SPILL EXCEEDS THE REPORTABLE QUANTITY OF A SUBSTANCE. THE SUBSTANCES AND AMOUNTS ARE LOCATED IN FEDERAL REGULATIONS (40 CFR 110, 114 AND 302).
 - IF A SPILL EXCEEDS A REPORTABLE QUANTITY, THE SWPP PLAN MUST BE MODIFIED WITHIN 7 DAYS PROVIDING A DESCRIPTION, DATE AND INCIDENT OF THE RELEASE.
- THE MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME ASPHALT, SOAPS AND SOLVENTS USED IN CLEANING VEHICLES, WASHOUT OF CONCRETE, PAINT OR STUCCO, FORM RELEASE OILS, OR CURING COMPOUNDS SHALL BE AWAY FROM STORM WATER DRAINAGE WAYS.
- FUEL TANKS MUST HAVE SECONDARY CONTAINMENT IN THE EVENT OF A LEAK OR SPILL.
- OPEN BURNING ON SITE IS A PROHIBITED ACTIVITY.
- ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&DD) WASTE SHALL BE DISPOSED OF AT AN OHIO EPA APPROVED C&DD LANDFILL AS REQUIRED BY OHIO REVISED CODE 3714 AND LOCAL REGULATIONS.

- PRODUCT SPECIFIC PRACTICES:**
- PETROLEUM - PETROLEUM PRODUCTS WILL BE STORED IN CLEARLY LABELED TIGHTLY SEALED CONTAINERS. ANY ON SITE PETROLEUM STORAGE TANKS WILL HAVE A CONTAINMENT STRUCTURE AROUND IT FOR POTENTIAL SPILLS. DRIP PANS SHALL BE PROVIDED FOR ALL DISPENSERS. MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED WHEN ANY ASPHALT SUBSTANCES ARE USED ON SITE.
 - FERTILIZERS - THE MANUFACTURER'S RECOMMENDED MINIMAL AMOUNTS SHALL BE APPLIED AND WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER. THE CONTENTS OF ANY PARTIALLY USED BAGS WILL BE TRANSFERRED TO SEALABLE PLASTIC BINS AND STORED UNDER COVER, AWAY FROM STORMWATER DRAINAGE WAYS.

SITE LOCATION INFORMATION		LATITUDE:	41°14'39"N
		LONGITUDE:	081°26'46"W
CITY OF HUDSON	SUMMIT	OH	
CITY, VILLAGE, TOWNSHIP	COUNTY	STATE	
BRANDYWINE CREEK			
NAME OF WATERSHED/IMMEDIATE RECEIVING WATER(S)			
OWEN BROWN ST. HUDSON, OH			
SITE ADDRESS			
PETROS DEVELOPMENT GROUP LTD.	440-546-9000		
DEVELOPER	PHONE		
10474 BROADVIEW RD. BROADVIEW HEIGHTS, OH 44147			
DEVELOPER ADDRESS			
HYDROLOGIC SOIL GROUPS:			
MAP UNIT SYMBOL (SOIL TYPE), MAP UNIT NAME (SOIL DESCRIPTION)			
Tr - Trumbull silt loam, 0 to 2 percent slopes			
MgA - Mahoning silt loam, 0 to 2 percent slopes			
MgB - Mahoning silt loam, 2 to 6 percent slopes			
Mn - Mahoning-Urban land complex, 0 to 2 percent slopes			
EIC2 - Ellsworth silt loam, 6 to 12 percent slopes, eroded			
Uf - Udorthents, sanitary landfill			

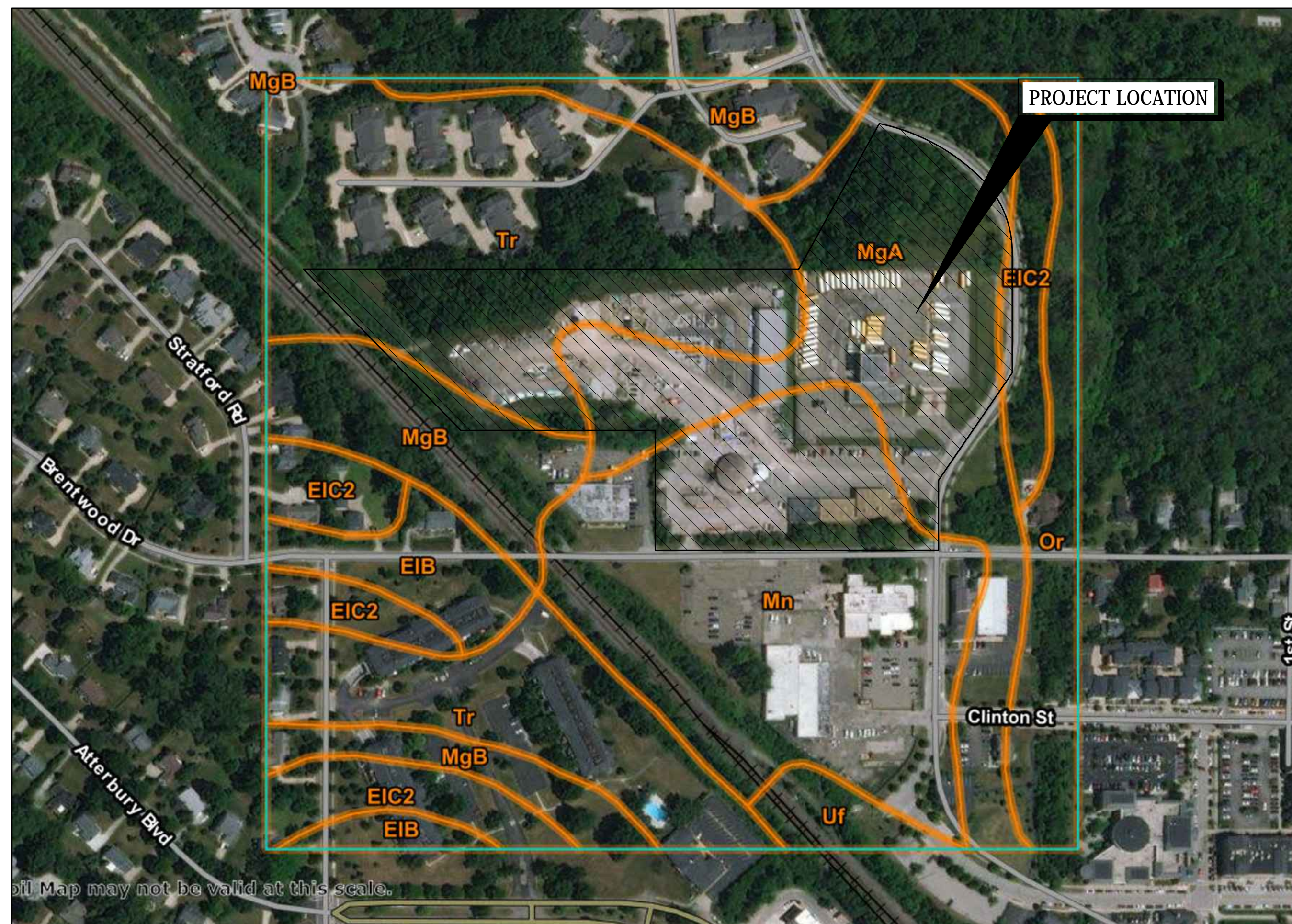
SITE DESCRIPTION

MARK ONE	TOTAL AREA		
SUBDIVISION	-	PRE-DEV CURVE NO.	- XX
COMMERCIAL	-	POST DEV CURVE NO.	- XX
RESIDENTIAL	●	AREA TO BE CLEARED	- XX.X AC
PUD	-	AREA TO BE EXCAVATED	- 9.76 AC
OTHER	-	PRE-DEV IMPERVIOUSNESS	- 57%
		POST DEV IMPERVIOUSNESS	- XX%

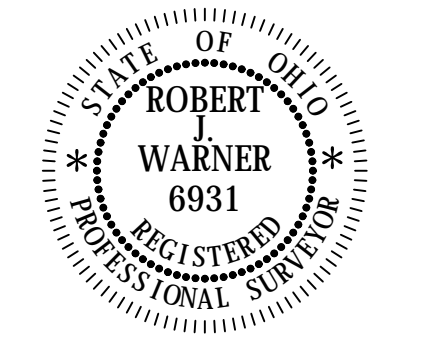
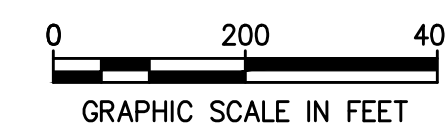
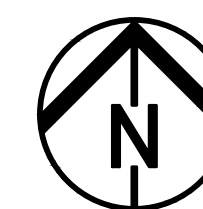
SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS												
	2020					2019						
	J	F	M	A	M	J	J	A	S	O	N	D
CLEARING/DEMOLITION					●							
ROUGH GRADING						●	●	●				
STRUCTURE												
UTILITIES												
FINE GRADING												
PAVING												
TOPSOIL AND SEEDING												
LANDSCAPING												
POST CONSTRUCTION BMPS												
TEMPORARY EROSION CONTROL	●	●	●	●	●	●	●	●	●	●	●	●

ACCEPTABLE EROSION CONTROL TIMETABLE

	ACCEPTABLE EROSION CONTROL TIMETABLE											
	J	F	M	A	M	J	J	A	S	O	N	D
TEMPORARY SEEDING	●	●	●	●	●	●	●	●	●	●	●	●
PERMANENT SEEDING	●	●	●	●	●	●	●	●	●	●	●	●
LANDSCAPING	●	●	●	●	●	●	●	●	●	●	●	●
MULCHING	●	●	●	●	●	●	●	●	●	●	●	●
MAINTENANCE	●	●	●	●	●	●	●	●	●	●	●	●



SOILS MAP



DATE: _____

REVISIONS		
Δ	DATE	DESCRIPTION

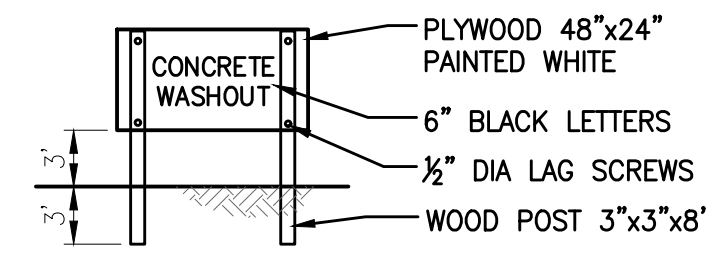
PROJECT NO.: 17-00257-020
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DATE ISSUED: 2018-10-15

SWPP NOTES ALL BLOCKS

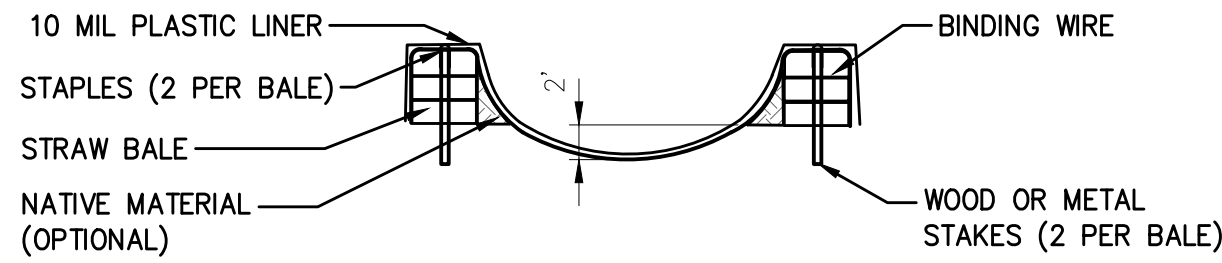
C407

E:\TESTA\COMMENTS\17-00257-020\TESTA & MAIN SITE DESIGN\CONSTRUCTION PLANS\SWPP\17-00257-020 - 8/22/2018 11:41:03 AM

- NOTES:**
- ACTUAL LAYOUT AND SIZE DETERMINED IN THE FIELD.
 - THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT OF THE TEMPORARY WASHOUT FACILITY.
 - AS WASHOUT BECOMES FULL, IT SHALL BE REMOVED AND REPLACED.
 - AFTER CONSTRUCTION COMPLETION, CONTRACTOR SHALL REMOVE AND DISPOSE OF CONCRETE WASHOUT AND SHALL RESTORE AREA AS SHOWN ON PLANS.

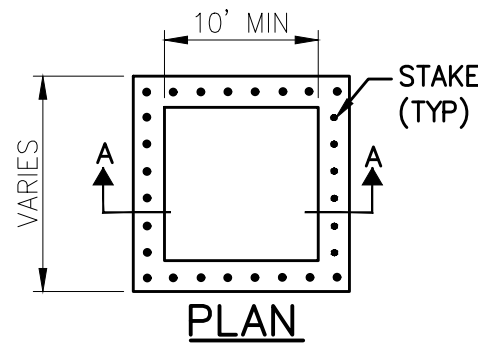


SIGN DETAIL

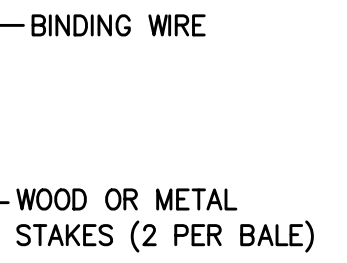


SECTION A-A

1 CONCRETE WASHOUT STATION DETAIL
C408 NOT TO SCALE

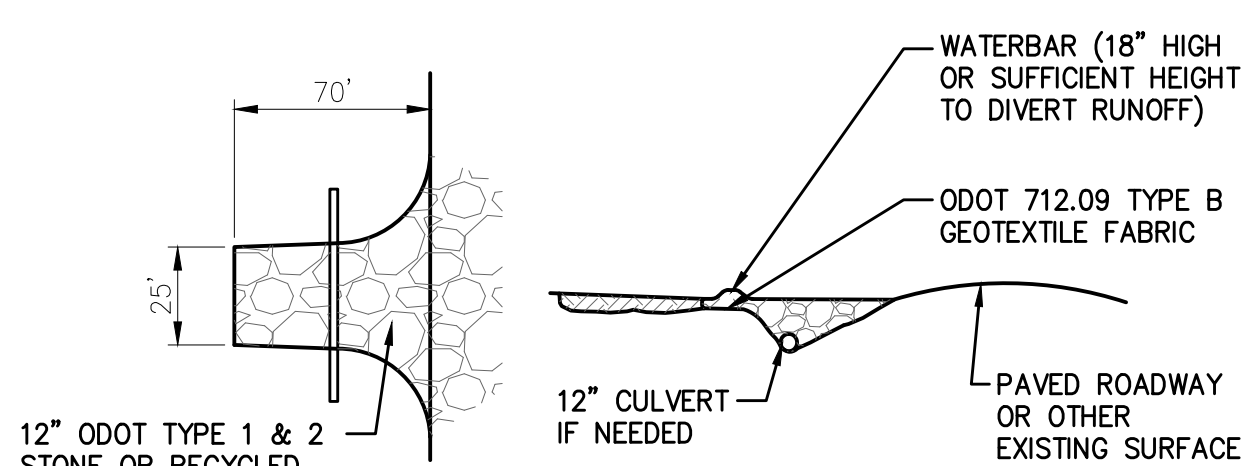


PLAN



STAPLE DETAIL

2 SILT SOCK DETAIL
C408 NOT TO SCALE



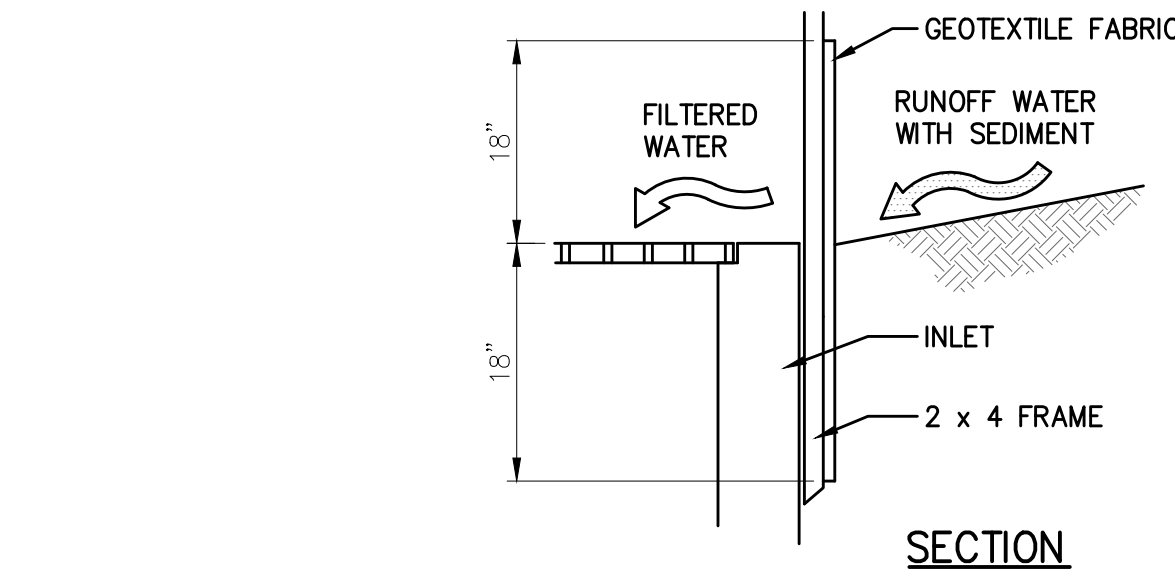
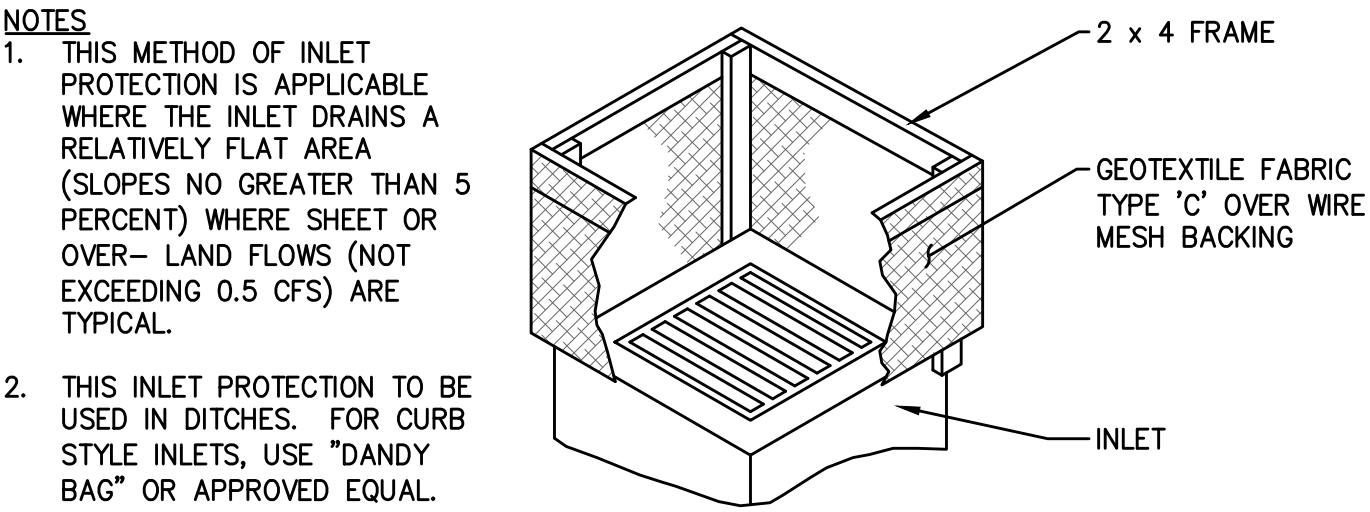
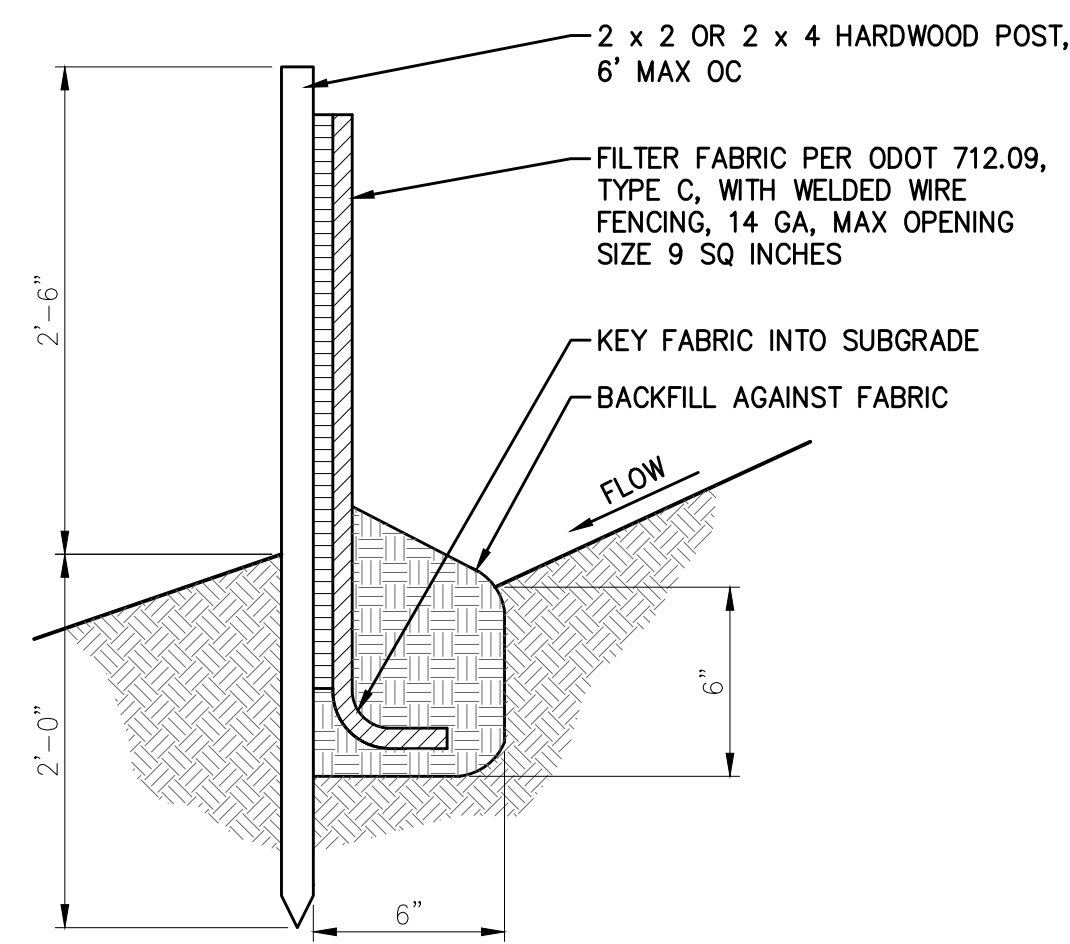
PLAN

SECTION

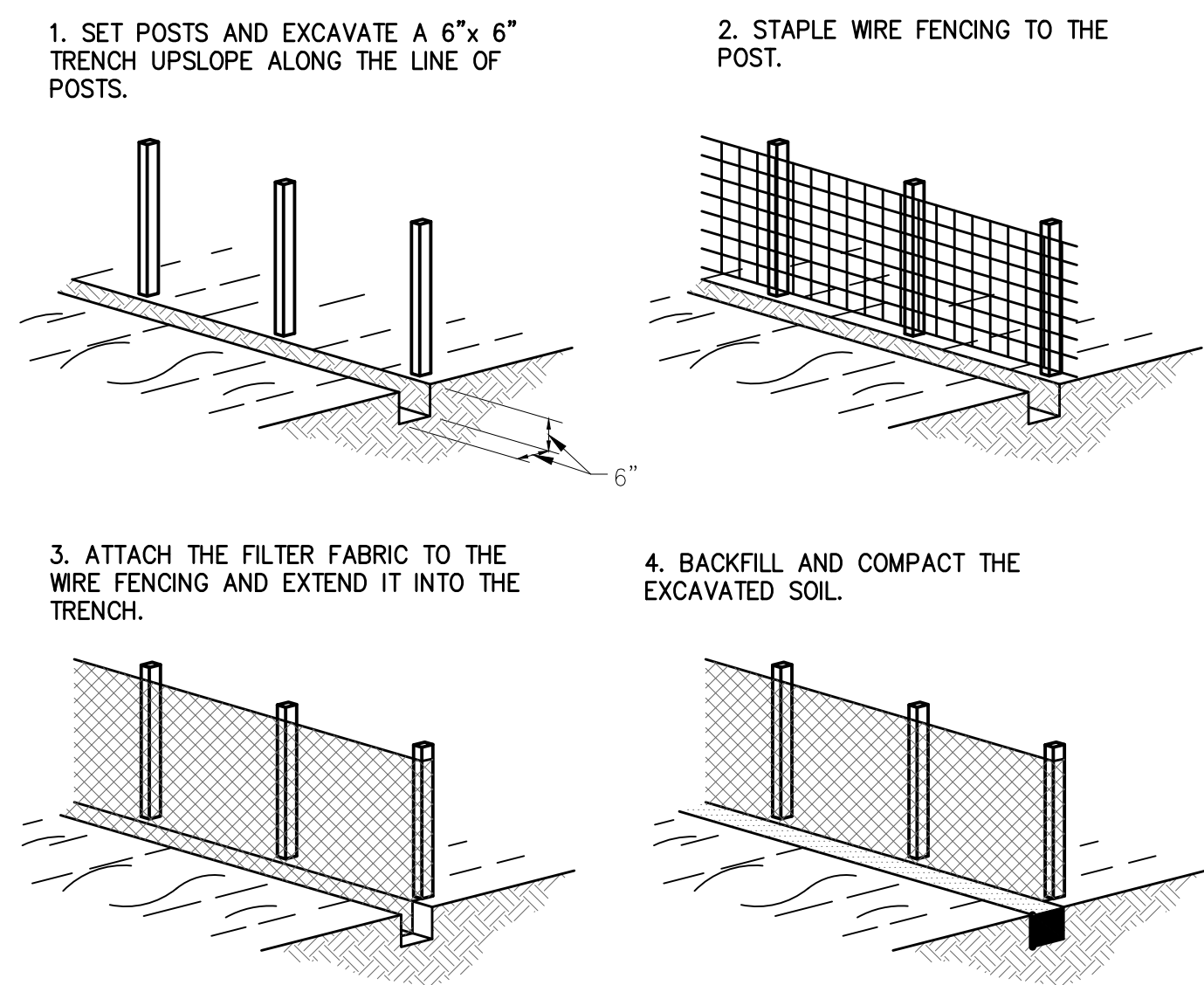
- NOTES:**
- MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED AWAY ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
 - CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
 - WHEN THE CONSTRUCTION HAUL ROAD IS NO LONGER NEEDED, THE CONTRACTOR SHALL REMOVE THE AGGREGATE AND RESTORE GRADE TO IT'S ORIGINAL ELEVATION OR AS SHOWN ON THE PLANS.

6 TEMPORARY CONSTRUCTION DRIVE DETAIL
C408 NOT TO SCALE

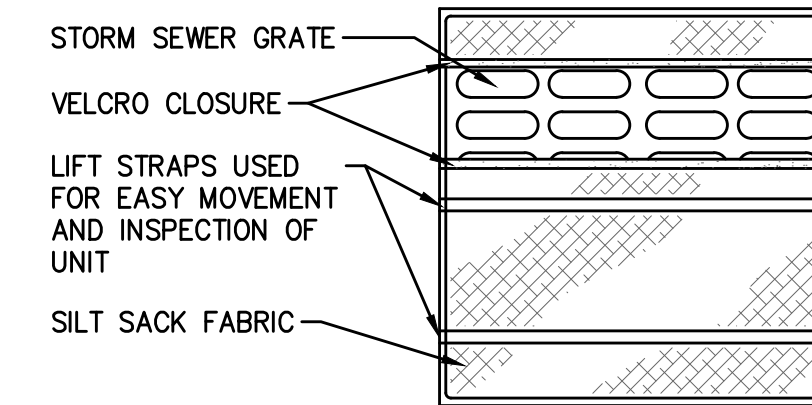
3 SILT FENCE DETAIL
C408 NOT TO SCALE



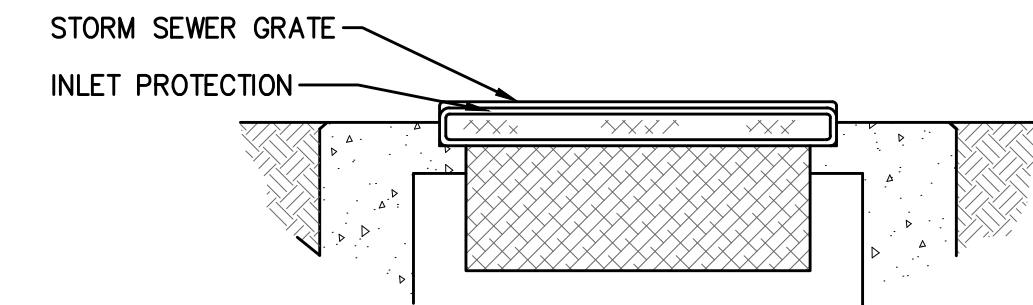
7 INLET PROTECTION DETAIL - SILT FENCE
C408 NOT TO SCALE



4 SILT FENCE INSTALLATION DETAIL
C408 NOT TO SCALE



PLAN



SECTION

8 INLET PROTECTION DETAIL - SILT SACK
C408 NOT TO SCALE

WOVEN MONOFILAMENT FABRIC SPECIFICATION

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	LBS	365 X 200
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4833	LBS	90
MULLEN BURST STRENGTH	ASTM D 3786	PSI	450
TRAPEZOID TEAR STRENGTH	ASTM D 4533	LBS	115 X 75
UV RESISTANCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	US STD SIEVE	40
FLOW RATE	ASTM D 4491	GAL/MIN/FT ²	145
PERMITTIVITY	ASTM D 4491	SEC ⁻¹	2.1

ALL CRITERIA LISTED ARE MINIMUM VALUES.

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SWPP DETAILS

C408