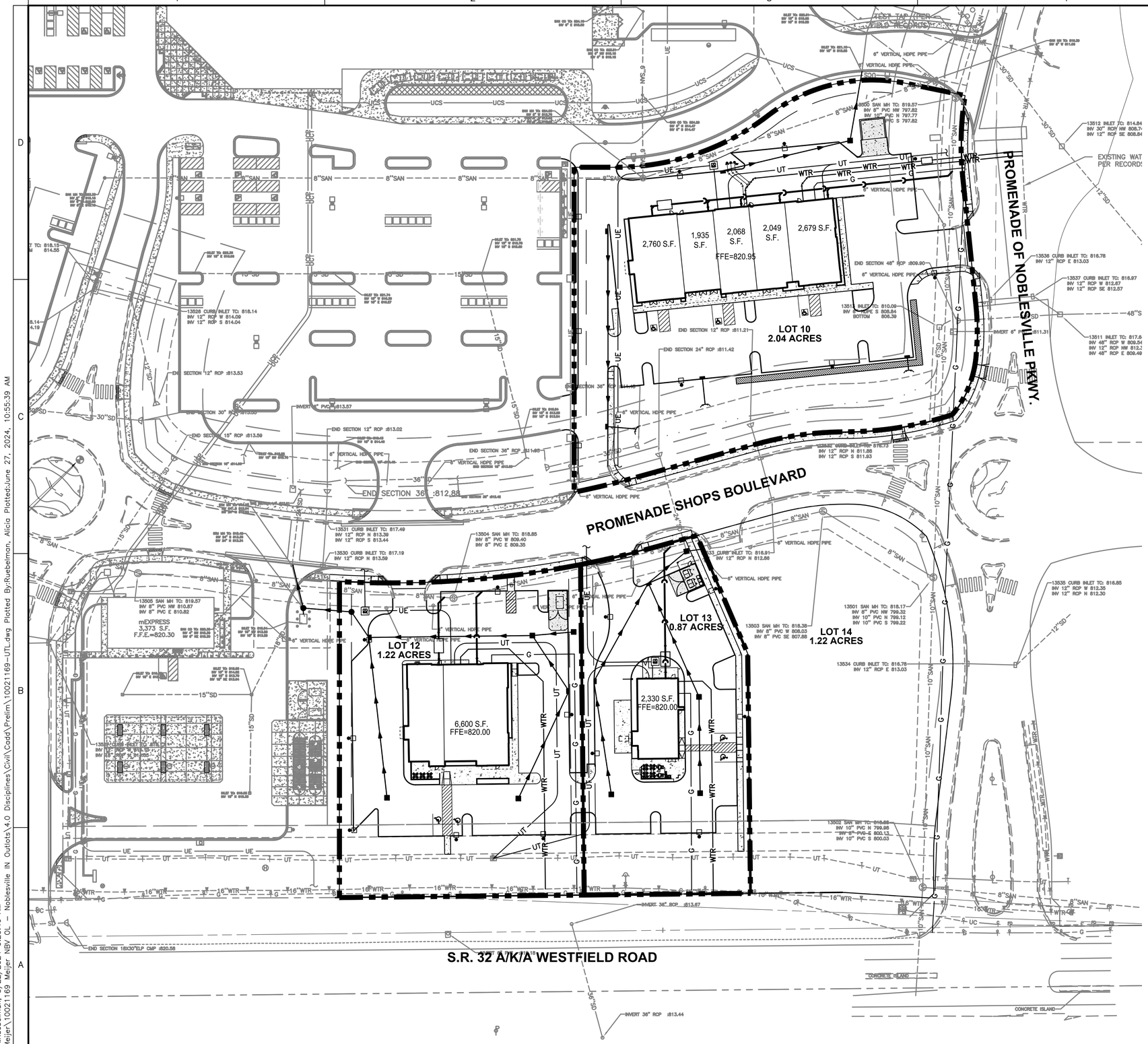

LEGEND

CATCH BASIN	WATER SERVICE
CURB INLET	FIRE HYDRANT
MANHOLE	WATER VALVE
CLEANOUT	TEE
XX'~XX" SD — STORM SEWER	GAS SERVICE
UNDERDRAIN	UNDERGROUND TELEPHONE SERVICE
X.X — STORM STRUCTURE I.D.	UNDERGROUND ELECTRIC SERVICE
SANITARY SEWER	LIGHT POLE
SANITARY SEWER I.D.	

A1 OVERALL UTILITY PLAN
1" = 40'

NORTH

0 40 80 120
GRAPHIC SCALE IN FEET

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meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

OVERALL UTILITY PLAN

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-400

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x.dwg; 10021169-x-NBV survey.dwg
Layout Tab Name: C-400 UTILITY PLAN
Last Saved By:A.Ruebelmon, 5/22/2024 9:20:46 AM
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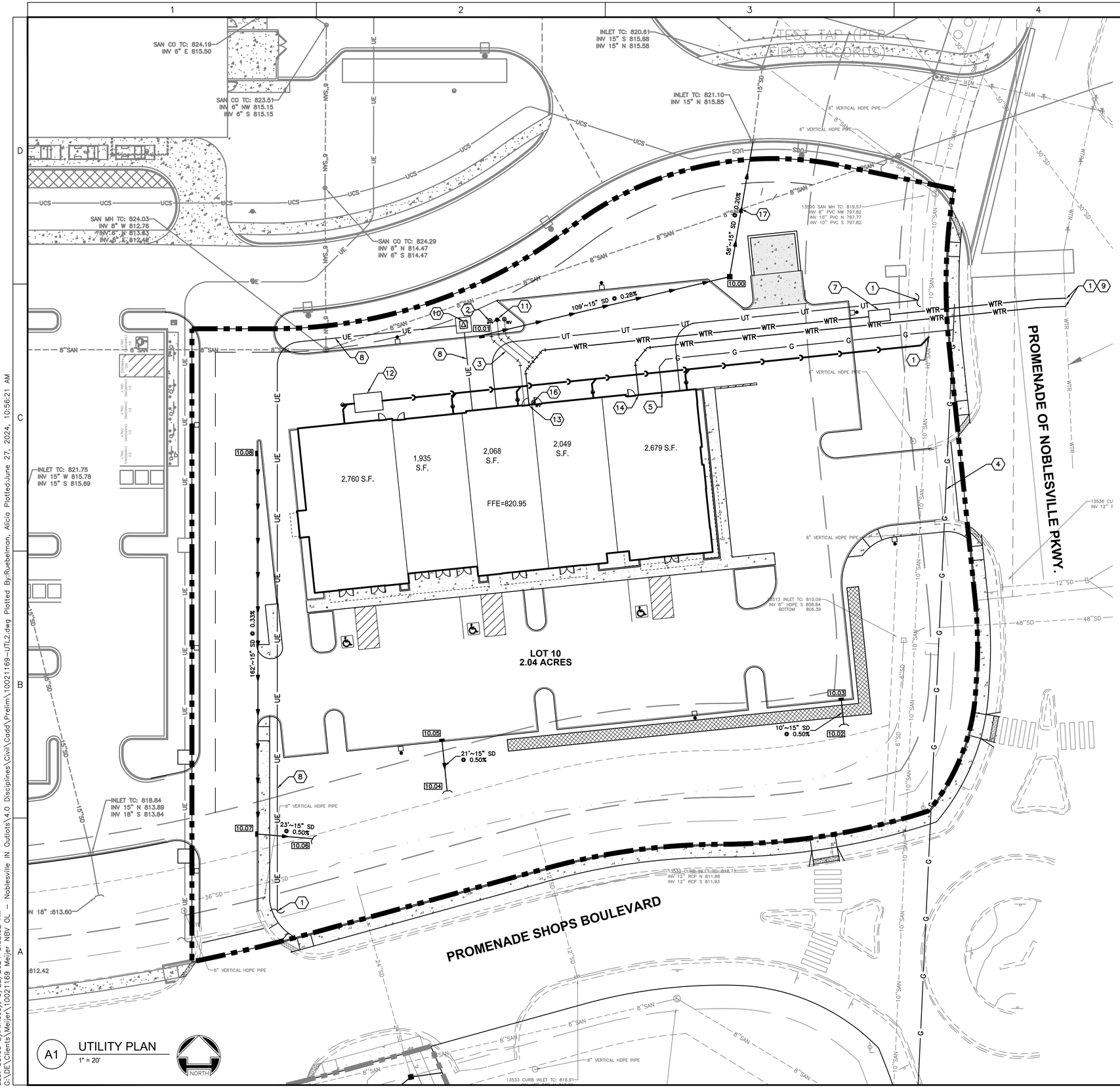

A1 UTILITY PLAN
1" = 20'

NORTH

KEYNOTES (X)

1. CONNECT TO EXISTING UTILITY PER AGENCY REQUIREMENTS.
2. REMOTE FIRE DEPARTMENT CONNECTION. FDC SHALL BE 5" STORZ AT 35-DEGREE DOWNWARD ANGLE AND NOT GREATER THAN 5' ABOVE FINISHED GRADE.
3. FIRE DEPARTMENT CONNECTION SERVICE.
4. GAS MAIN EXTENSION BY UTILITY COMPANY.
5. GAS SERVICE AND METER.
6. 15" STORM SEWER STUB TO FUTURE OUTLOT.
7. PROPOSED WATER VAULT, SEE DETAIL A1 ON C-704. SUMP PUMP TO DISCHARGE TO SURFACE. SEE SITE ELECTRICAL PLAN C-800 FOR ELECTRIC SERVICE TO SUMP PUMP.
8. ELECTRICAL SERVICE.
9. CONTRACTOR TO VERIFY LOCATION OF WATER MAIN PRIOR TO START OF CONSTRUCTION.
10. ELECTRIC TRANSFORMER PER UTILITY COMPANY REQUIREMENT.
11. PROPOSED PRIVATE FIRE HYDRANT. ALL PROPOSED FIRE HYDRANTS SHALL BE FACTORY PAINTED IN THE COLOR "SAFETY RED" OR EQUIVALENT. SEE FIRE HYDRANT SPECIFICATIONS ON SHEET C-704 FOR ADDITIONAL DETAILS.
12. GREASE INTERCEPTOR WITH SAMPLING BOX. SEE NCS SHEET 15 OF 29 AND ARCHITECTURAL PLANS FOR DETAILS.
13. FIRE SERVICE ENTRANCE.
14. DOMESTIC SERVICE ENTRANCE.
15. IRRIGATION SERVICE ENTRANCE.
16. WALL-MOUNTED POST INDICATOR VALVE WITH CONDUIT FOR FIRE DEPARTMENT MONITORING. SEE PLUMBING PLANS FOR ADDITIONAL DETAILS.
17. CONCRETE COLLAR UTILITY CROSSING, UNDER 24" OF VERTCAL SEPARATION PROVIDED.
18. PROVIDE 24" VERTICAL SEPARATION BETWEEN STORM/SANITARY CROSSING.

GENERAL NOTES

1. VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. UTILITIES SHALL END 5 FEET FROM THE BUILDING UNLESS NOTED OTHERWISE.
3. PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITIES.
4. ALL DIMENSIONS ARE TO COLUMN LINE. CENTERLINE OF PIPE, CENTER OF MANHOLE, EDGE OF PAVEMENT OR BACK OF CURB WHERE APPLICABLE. DIMENSIONS TO COLUMN LINE ASSUME 9" THICK BUILDING WALL.
5. ALL MATERIAL, SPECIFICATIONS, AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH MEIJER STANDARD SPECIFICATIONS AND DETAILS AND THE CITY OF NOBLESVILLE.
6. CONTRACTOR SHALL PERFORM FULL DEPTH REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT PER MEIJER REQUIREMENTS AT PROPOSED UTILITIES INSTALLATION IN EXISTING PAVED AREAS.
7. BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY ALL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES.

LEGEND

■	CATCH BASIN	WTR	WATER SERVICE
▬	CURB INLET		FIRE HYDRANT
●	MANHOLE	WV	WATER VALVE
	CLEANOUT		TEE
XX"~XX" SD	STORM SEWER	G	GAS SERVICE
- - - -	UNDERDRAIN	UT	UNDERGROUND TELEPHONE SERVICE
X.X	STORM STRUCTURE I.D.	UE	UNDERGROUND ELECTRIC SERVICE
	SANITARY SEWER		LIGHT POLE
X	SANITARY SEWER I.D.		

SANITARY SEWER NOTES

1. ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.

GAS NOTES

1. GAS COMPANY WILL PROVIDE GAS MAIN EXTENSION, SERVICE TAP, METER, REGULATOR, AND INSTALL THE NEW SERVICE LINE TO THE METER.

WATER NOTES

1. INSTALL WATER MAIN WITH A MINIMUM OF 5 FEET OF COVER.
2. ON SITE HYDRANTS SHALL FACE THE BUILDING.
3. PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION AND TEN (10) FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ALL SANITARY AND STORM SEWERS.
4. PROVIDE THRUST BLOCKS AT ALL WATER MAIN BENDS, PLUGS AND TEES IF REQUIRED BY MUNICIPALITY.
5. HYDRANTS LOCATED IN CURB ISLAND OR GREEN SPACE SHALL BE LOCATED 5' FROM BACK OF CURB OR EDGE OF PAVEMENT (TYP.).
6. INSTALL CONCRETE PADS FOR ALL HYDRANT VALVES IN NON-PAVED AREAS.
7. EXISTING WATER MAINS AND ALL HYDRANTS REQUIRE TESTING. CONTRACTOR TO COORDINATE WITH COUNTY.

STORM SEWER NOTES

1. INSTALL UNDERDRAINS AT ALL PROPOSED CATCH BASINS.
2. ALL UNDERDRAINS ARE 4" DIAMETER AT MINIMUM SLOPE OF 0.50% UNLESS OTHERWISE NOTED.
3. END SECTIONS ARE INCLUDED IN PIPE LENGTHS SHOWN.
4. PROVIDE INLET FILTER FOR ALL CATCH BASIN INLETS.
5. PROVIDE RIP RAP AT ALL END SECTIONS UNLESS OTHERWISE NOTED.

0 20 40 60
GRAPHIC SCALE IN FEET

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meijer
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GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

UTILITY PLAN
LOT 10

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-401

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x.dwg; 10021169-x-NBV survey.dwg; 10021169-UTL-NOTES.dwg
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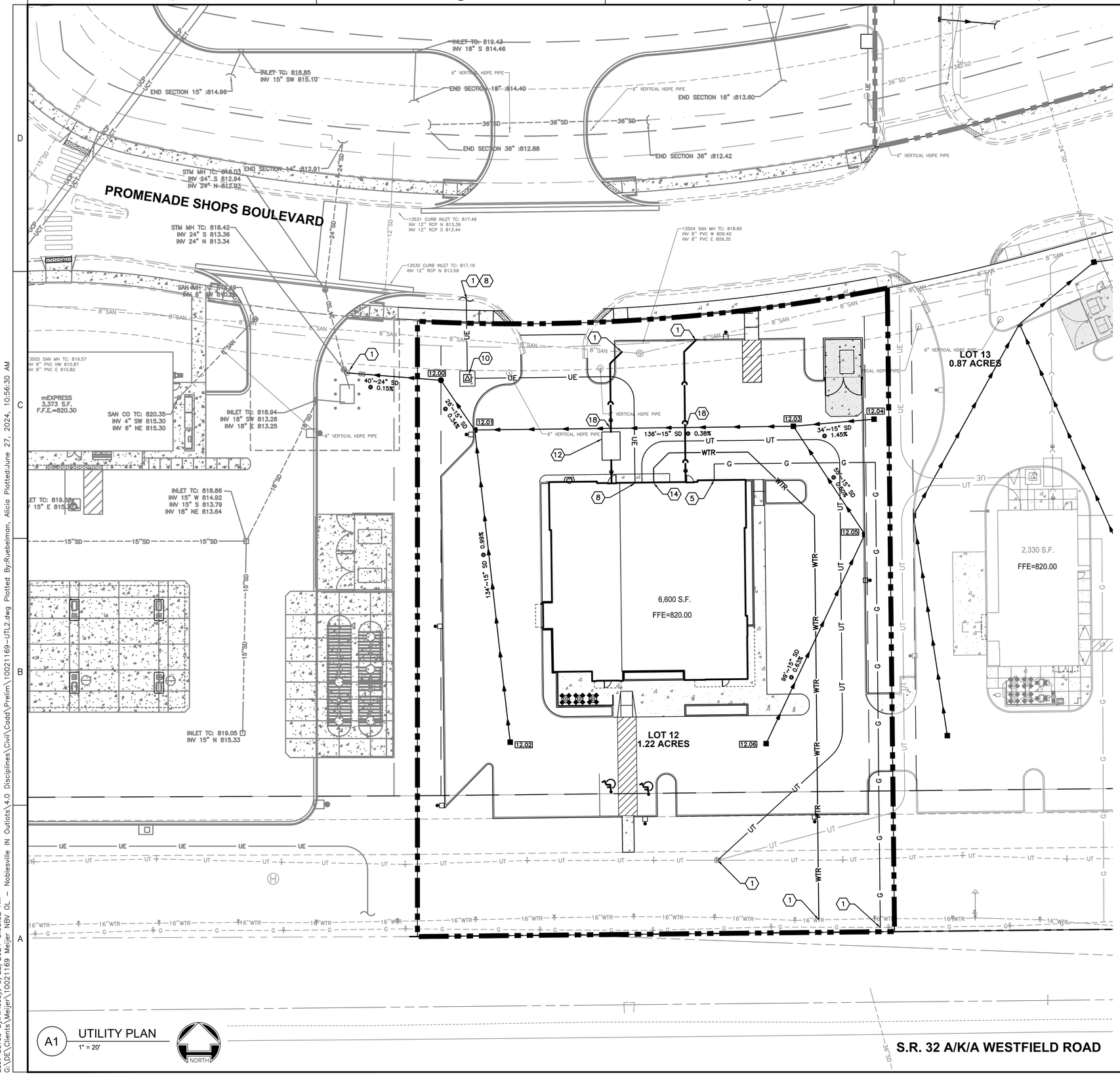

KEYNOTES (X)

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LEGEND

■	CATCH BASIN	WTR	WATER SERVICE
▬	CURB INLET		FIRE HYDRANT
●	MANHOLE	WV	WATER VALVE
	CLEANOUT		TEE
XX"~XX" SD	STORM SEWER	G	GAS SERVICE
	UNDERDRAIN	UT	UNDERGROUND TELEPHONE SERVICE
X.X	STORM STRUCTURE I.D.	UE	UNDERGROUND ELECTRIC SERVICE
	SANITARY SEWER		LIGHT POLE
X	SANITARY SEWER I.D.		

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(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS REGISTERED PE11000032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

UTILITY PLAN
LOT 12

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-402

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x.dwg; 10021169-x-NBV survey.dwg; 10021169-UTL-NOTES.dwg
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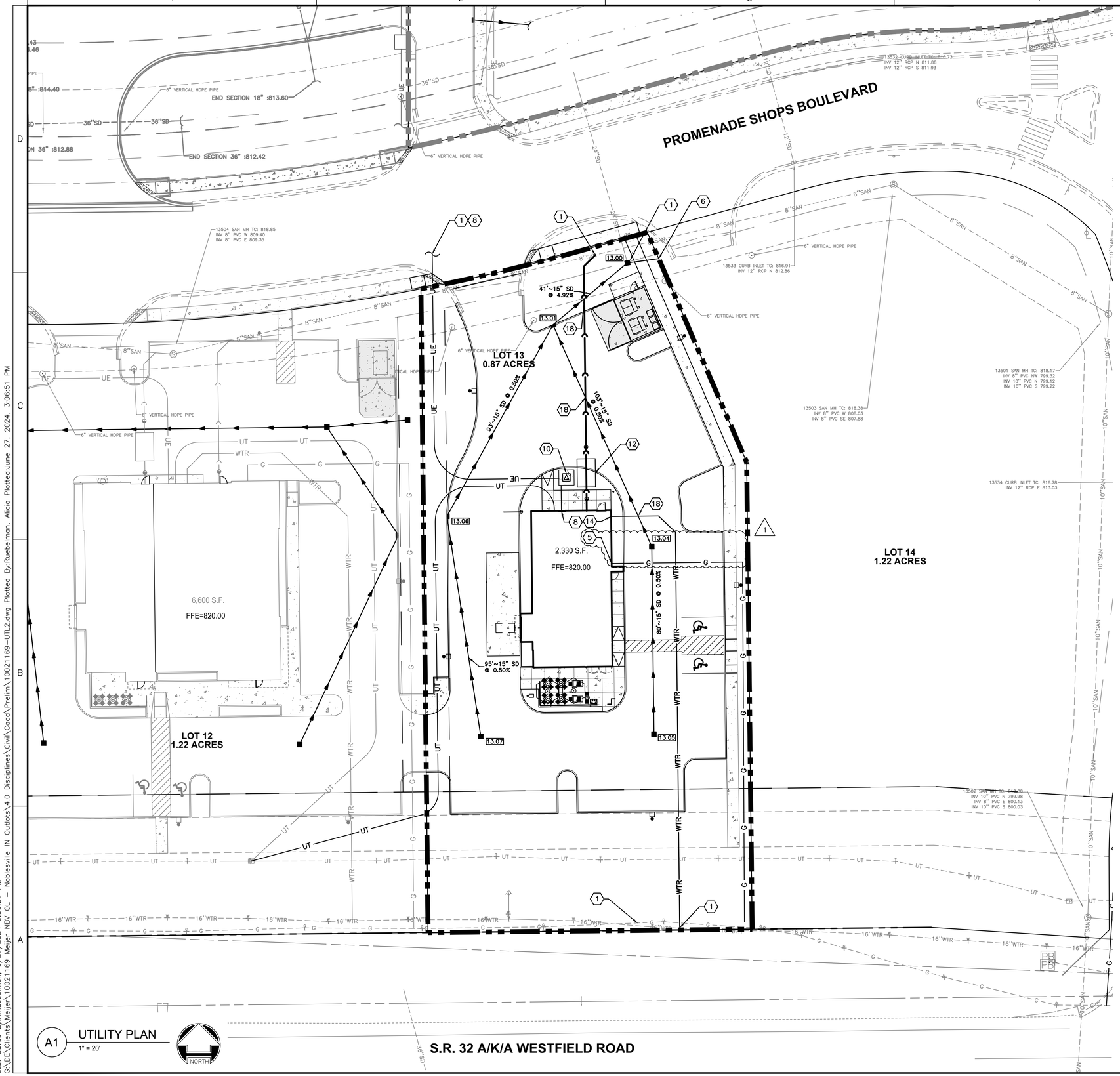

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LEGEND

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▬	CURB INLET		FIRE HYDRANT
●	MANHOLE	WV	WATER VALVE
	CLEANOUT		TEE
XX"~XX" SD	STORM SEWER	G	GAS SERVICE
	UNDERDRAIN	UT	UNDERGROUND TELEPHONE SERVICE
X.X	STORM STRUCTURE I.D.	UE	UNDERGROUND ELECTRIC SERVICE
	SANITARY SEWER		LIGHT POLE
X	SANITARY SEWER I.D.		

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STORM SEWER NOTES

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5. PROVIDE RIP RAP AT ALL END SECTIONS UNLESS OTHERWISE NOTED.

0 20 40 60
GRAPHIC SCALE IN FEET

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REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

UTILITY PLAN
LOT 13

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-403

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x.dwg; 10021169-x-NBV survey.dwg; 10021169-UTL-NOTES.dwg
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LOT 10

STORM STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	RIM/GRATE	INVERTS	NORTHING	EASTING
EX. 7.02	EX. CURB INLET	817.33	15" = 815.95 (S) 15" = 815.85 (N)	1747461.1840	215989.7742
10.00	CATCH BASIN	819.42	15" = 816.17 (W) 15" = 816.07 (N)	1747404.1209	215979.9306
10.01	CURB INLET	820.72	15" = 816.47 (E)	1747379.1046	215874.2964
10.02	END SECTION	816.36	15" = 814.55 (N)	1747213.4168	216028.5248
10.03	CURB INLET	818.85	15" = 814.60 (S)	1747223.6014	216027.4983
10.04	END SECTION	817.13	15" = 815.32 (N)	1747185.0918	215859.5526
10.05	CURB INLET	820.18	15" = 815.43 (S)	1747206.1418	215857.3920
10.06	END SECTION	817.20	15" = 815.39 (W)	1747164.7007	215802.2739
10.07	CURB INLET	819.76	15" = 815.51 (E) 15" = 815.61 (N)	1747166.6816	215778.9490
10.08	CURB INLET	820.88	15" = 816.15 (S)	1747328.8139	215778.9490

LOT 12

STORM STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	RIM/GRATE	INVERTS	NORTHING	EASTING
12.00	MANHOLE	819.23	24" = 813.51 (W) 15" = 813.61 (SE)	1747012.8570	215565.9650
12.01	CURB INLET	818.27	15" = 813.80 (E) 15" = 813.80 (S) 15" = 813.70 (NW)	1746991.6687	215580.3629
12.02	CATCH BASIN	818.97	15" = 815.13 (N)	1746858.6084	215595.4692
12.03	CATCH BASIN	819.05	15" = 814.41 (SE) 15" = 814.31 (W) 15" = 814.41 (E)	1746993.2694	215716.1178
12.04	CATCH BASIN	818.16	15" = 814.91 (W)	1746996.2799	215750.4454
12.05	CURB INLET	819.20	15" = 814.69 (NW) 15" = 814.79 (SW)	1746947.1752	215746.5289
12.06	CATCH BASIN	819.31	15" = 815.41 (NE)	1746858.0008	215704.5091
EX. 8.01a	EX. MANHOLE	818.94	24" = 813.45 (W) 24" = 813.36 (S) 24" = 813.34 (N) 24" = 813.45 (E)	1747016.0198	215526.0030

LOT 13

STORM STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	RIM/GRATE	INVERTS	NORTHING	EASTING
13.00	CATCH BASIN	817.42	15" = 811.89 (SW)	1747063.2231	215844.1348
13.01	CURB INLET	818.84	15" = 814.49 (SE) 15" = 814.02 (SW) 15" = 813.92 (NE)	1747036.8297	215812.4104
13.04	CATCH BASIN	818.95	15" = 815.01 (NW) 15" = 815.11 (S)	1746942.3512	215854.4899
13.05	CATCH BASIN	819.07	15" = 815.51 (N)	1746862.4140	215855.4327
13.06	CURB INLET	819.37	15" = 814.49 (NE) 15" = 814.59 (S)	1746955.2362	215767.2223
13.07	CATCH BASIN	819.07	15" = 815.06 (N)	1746861.4151	215781.6830

NOTES:

1. ALL PROPOSED STRUCTURE TYPES ARE IN ACCORDANCE WITH THE NOBLESVILLE CONSTRUCTION STANDARDS (NCS) UNLESS OTHERWISE NOTED.

LOT 10

Pipe Table

Pipe Name	Size	Length	Material
10.00 – 7.02	1.25	57.91'	HIGH DENSITY POLYETHYLENE
10.03 – 10.02	1.25	10.24'	HIGH DENSITY POLYETHYLENE
10.05 – 10.04	1.25	21.16'	HIGH DENSITY POLYETHYLENE
10.07 – 10.06	1.25	23.41'	HIGH DENSITY POLYETHYLENE
10.08 – 10.07	1.25	162.13'	HIGH DENSITY POLYETHYLENE
10.01 – 10.00	1.25	108.56'	HIGH DENSITY POLYETHYLENE

LOT 12

Pipe Table

Pipe Name	Size	Length	Material
12.00 – EX. 8.01a	2.00	40.09'	HIGH DENSITY POLYETHYLENE
12.02 – 12.01	1.25	133.92'	HIGH DENSITY POLYETHYLENE
12.01 – 12.00	1.25	25.62'	HIGH DENSITY POLYETHYLENE
12.05 – 12.03	1.25	55.22'	HIGH DENSITY POLYETHYLENE
12.03 – 12.01	1.25	135.76'	HIGH DENSITY POLYETHYLENE
12.06 – 12.05	1.25	98.58'	HIGH DENSITY POLYETHYLENE
12.04 – 12.03	1.25	34.46'	HIGH DENSITY POLYETHYLENE

LOT 13

Pipe Table

Pipe Name	Size	Length	Material
13.06 – 13.05	1.25	93.27'	HIGH DENSITY POLYETHYLENE
13.04 – 13.03	1.25	103.43'	HIGH DENSITY POLYETHYLENE
13.01 – 13.00	1.25	41.27'	HIGH DENSITY POLYETHYLENE
13.05 – 13.04	1.25	79.94'	HIGH DENSITY POLYETHYLENE
13.07 – 13.06	1.25	94.93'	HIGH DENSITY POLYETHYLENE

NOTE:

1. ALL PROPOSED PIPE MATERIAL TO BE IN ACCORDANCE WITH CHAPTER 400 OF THE CITY OF NOBLESVILLE STORMWATER STANDARD TECHNICAL STANDARDS MANUAL.

A1 STRUCTURE TABLES
NTS

NORTH

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meijer
2929 WALKER AVENUE
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REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. M. ACBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

STRUCTURE TABLES

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-404

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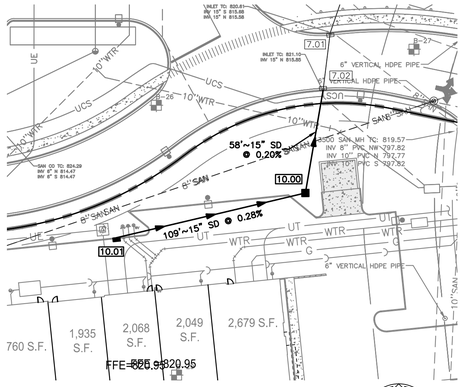

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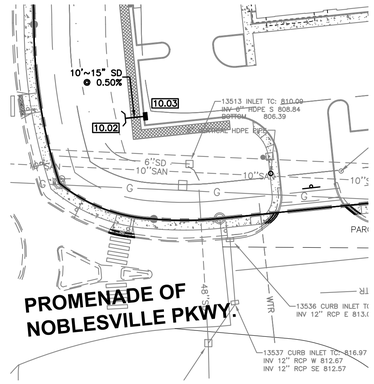

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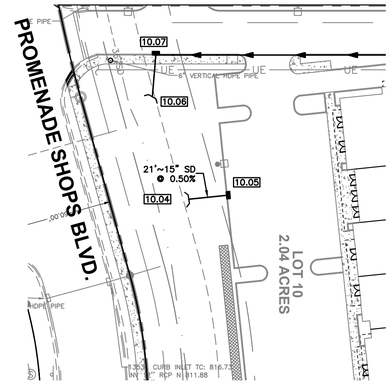

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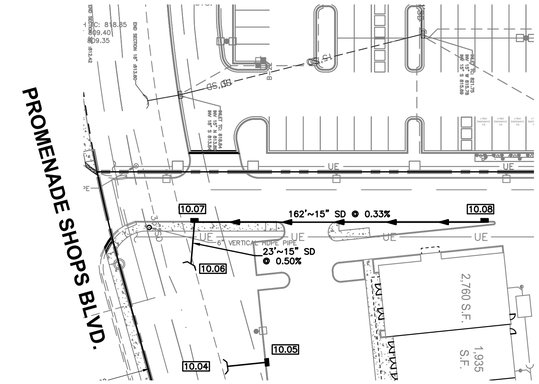


PLAN

NORTH

0 40 80 120

GRAPHIC SCALE IN FEET

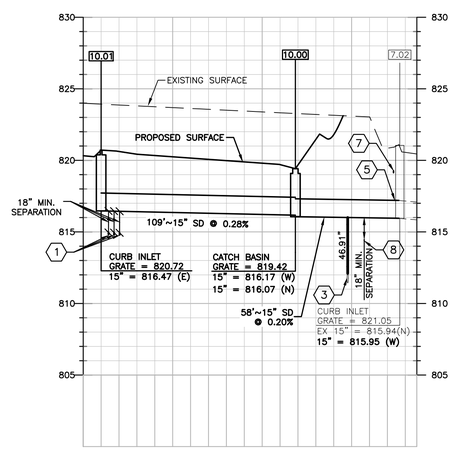
KEYNOTES

1. PROPOSED WATER SERVICE CROSSING
2. PROPOSED GAS LINE CROSSING
3. EXISTING 8" SANITARY SEWER CROSSING
4. PROPOSED ELECTRIC SERVICE CROSSING
5. CONNECT TO EXISTING STORM SYSTEM PER AGENCY REQUIREMENTS
6. PROPOSED 6" SANITARY LATERAL CROSSING
7. PROPOSED TELECOM CROSSING
8. EXISTING WATER SERVICE CROSSING

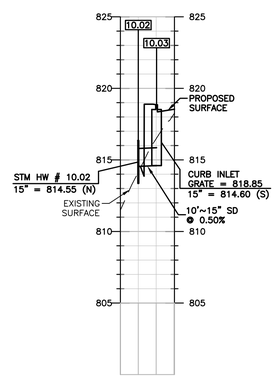
LEGEND

PROPOSED SURFACE

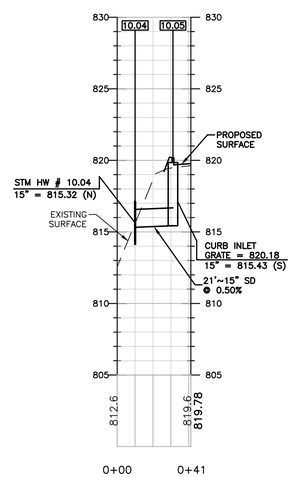
EXISTING SURFACE



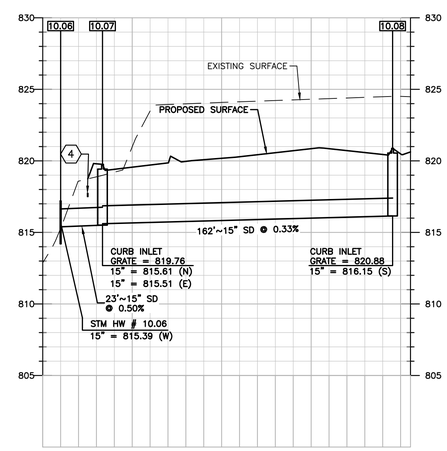
STM 10.01 - EX. STM 7.02



STM 10.02 - STM 10.03



STM 10.04 - STM 10.05



STM 10.06 - STM 10.08

A1 STORM SEWER PROFILES

1" = 40' HORIZONTAL; 1"=5' VERTICAL

GRAPHIC SCALES IN FEET 0 20 40 60

WOOLPERT
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meijer

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(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS, REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

STORM SEWER PROFILES
LOT 10

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-410

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x-NBV survey.dwg; 10021169-x.dwg
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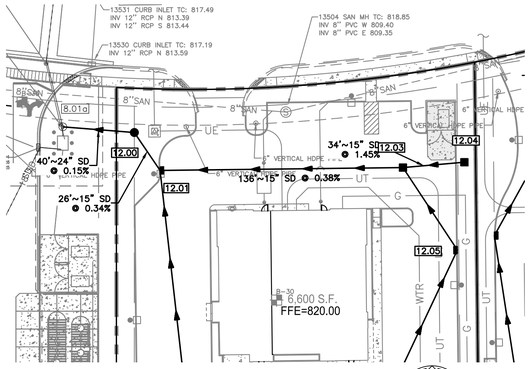

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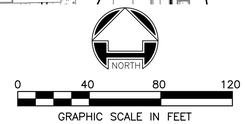

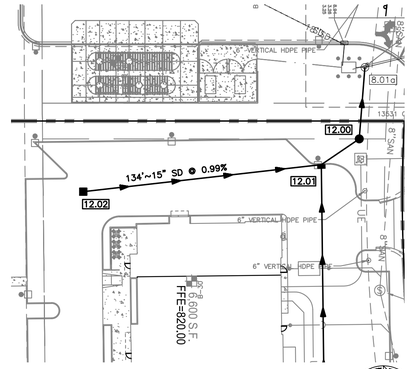

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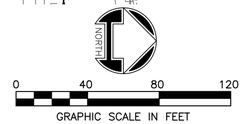

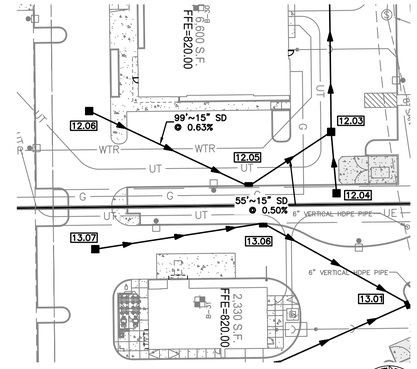

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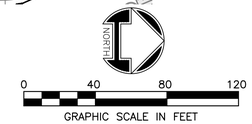

KEYNOTES

1. PROPOSED WATER SERVICE CROSSING
2. PROPOSED GAS LINE CROSSING
3. EXISTING 8" SANITARY SEWER CROSSING
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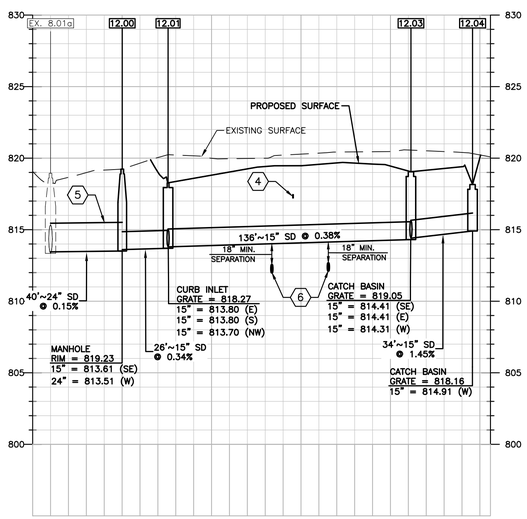
6. PROPOSED 6" SANITARY LATERAL CROSSING
7. PROPOSED TELECOM CROSSING
8. EXISTING WATER SERVICE CROSSING

LEGEND

PROPOSED SURFACE

EXISTING SURFACE



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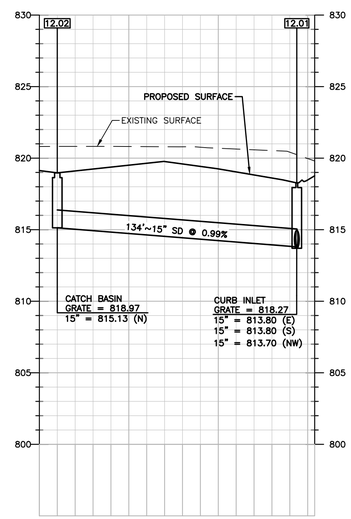
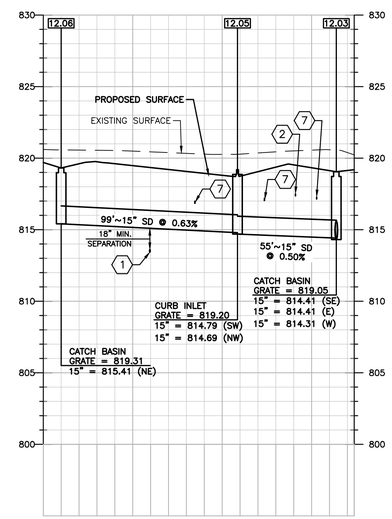


STM 12.02 - STM 12.01



STM 12.06 - STM 12.03

A1 STORM SEWER PROFILES

1" = 40' HORIZONTAL; 1"=5' VERTICAL

GRAPHIC SCALES IN FEET
0 20 40 60
2 4 6

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REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

STORM SEWER PROFILES
LOT 12

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-411

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x-NBV survey.dwg; 10021169-x.dwg
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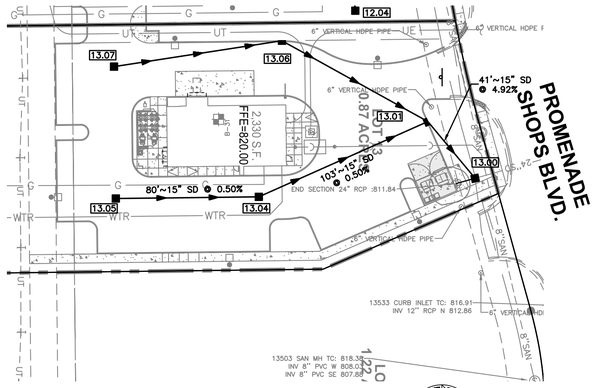
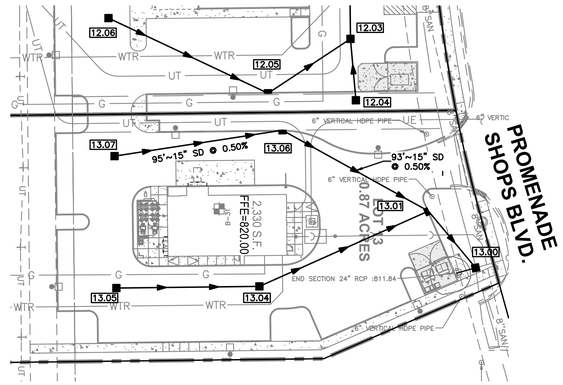


PLAN

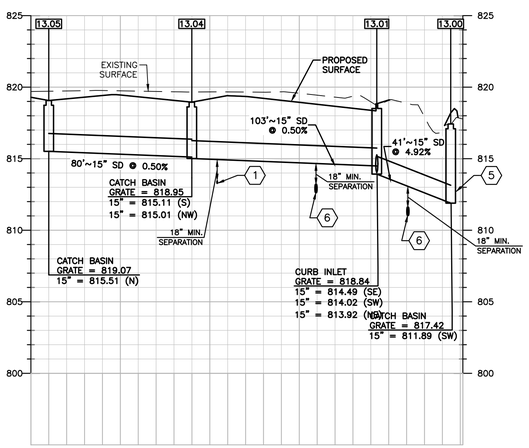


PLAN

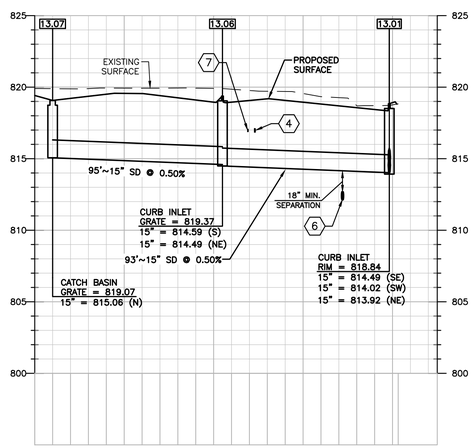
NORTH

0 40 80 120

GRAPHIC SCALE IN FEET



STM 13.05 - STM 13.00



STM 13.07 - STM 13.03

KEYNOTES

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2. PROPOSED GAS LINE CROSSING
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5. CONNECT TO EXISTING STORM SYSTEM PER AGENCY REQUIREMENTS
6. PROPOSED 6" SANITARY LATERAL CROSSING
7. PROPOSED TELECOM CROSSING
8. EXISTING WATER SERVICE CROSSING

LEGEND

PROPOSED SURFACE

EXISTING SURFACE

A1 STORM SEWER PROFILES

1" = 40' HORIZONTAL; 1"=5' VERTICAL

GRAPHIC SCALES IN FEET

0 20 40 60

2 4 6

WOOLPERT
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(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

STORM SEWER PROFILES
LOT 13

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-412

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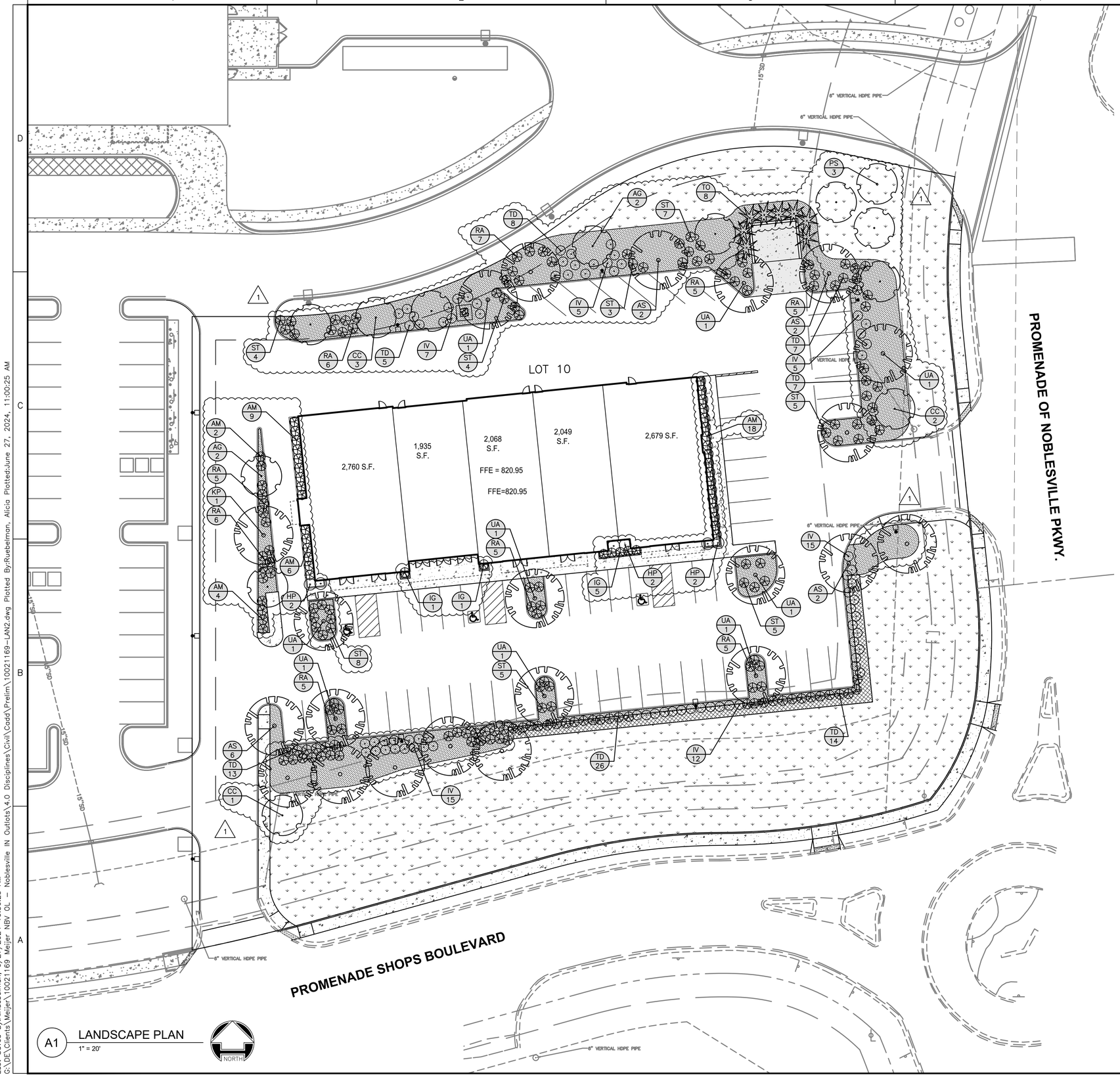

A1 LANDSCAPE PLAN
1" = 20'

NORTH

LANDSCAPE NOTES

1. COORDINATE PLACEMENT OF PLANTS WITH UTILITY LOCATIONS AND SIGHT LINES TO BUILDING. MAKE ADJUSTMENTS AS REQUIRED TO AVOID PLANTING OVER THE UTILITIES AND/OR WITHIN SIGHT LINES TO ALL MEIJER BUILDING SIGNAGE.
2. THE CENTER OF LARGE ISLANDS IS TO BE SIX INCHES HIGHER THAN TOP OF CURB. ENSURE ALL ISLANDS ARE SLOPED FOR POSITIVE DRAINAGE.
3. ALL AREAS THAT REQUIRE SEEDING SHALL RECEIVE 4" MINIMUM TOPSOIL, UNLESS NOTED OTHERWISE.
4. SEED ALL AREAS INDICATED ON THE LANDSCAPE PLAN, THE SOIL EROSION CONTROL PLAN AND ALL DISTURBED AREA. REVIEW AREAS OF SEEDING WITH CONSTRUCTION MANAGER PRIOR TO ANY SEEDING. ANY AREAS DISTURBED BY THE CONTRACTOR WHICH ARE BEYOND THE LIMITS OF GRADING AND EARTHWORK SHALL BE SEEDED AT NO ADDITIONAL COST TO THE OWNER.
5. TOPSOIL SHALL BE TESTED AND AMENDED AS NECESSARY DURING FINAL GRADING AND PREPARATION FOR SEEDING BY CONTRACTOR.
6. APPLY STARTER FERTILIZER (16–32–4) AT 250 POUNDS/ACRE TO SEEDED AREAS.
7. ALL LANDSCAPE ISLANDS SHALL BE NATURAL COLOR, DYE–FREE, 3" DEEP SHREDDED HARDWOOD MULCH EXCEPT AS NOTED. PLACE MULCH OVER WEED BARRIER FABRIC AND TREAT WITH PRE–EMERGENT HERBICIDE.
8. SEE SHEET C–602 FOR PLANT SCHEDULE.
9. ALL LANDSCAPING SHALL BE INSTALLED A MINIMUM OF 4' FROM THE EDGE OF PAVEMENT WHERE A VEHICLE WILL OVERHANG A LANDSCAPE BED.

LAWN AREA SEED MIXTURE (TYPE A)			
COMMON NAME	PROPT BY WEIGHT	PERCENT PURITY	PERCENT GERMINATION
KENTUCKY BLUE GRASS	20%	95%	85%
TALL FESCUE	70%	95%	85%
PERENNIAL RYE GRASS	10%	95%	85%
APPLICATION RATE: 8 LBS/1000 FT²			

NON-LAWN AREA (TYPE B)			
COMMON NAME	PROPT BY WEIGHT	PERCENT PURITY	PERCENT GERMINATION
KENTUCKY BLUE GRASS	30%	95%	85%
KENTUCKY 31 FESCUE	40%	95%	85%
PERENNIAL RYE GRASS	30%	95%	85%
APPLICATION RATE: 5 LBS/1000 FT²			

A4 GRASS SEED SCHEDULE
NTS

SEED MIXTURE TYPE A (24,214 SF) 1

SHREDDED HARDWOOD MULCH TO 3" DEPTH, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS

A5 LANDSCAPING LEGEND
NTS

0 20 40 60
GRAPHIC SCALE IN FEET

Indiana811 Know what's below. Call before you dig.

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317.299.7500
FAX: 317.291.5805

meijer
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REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

LANDSCAPE PLAN
LOT 10

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-600

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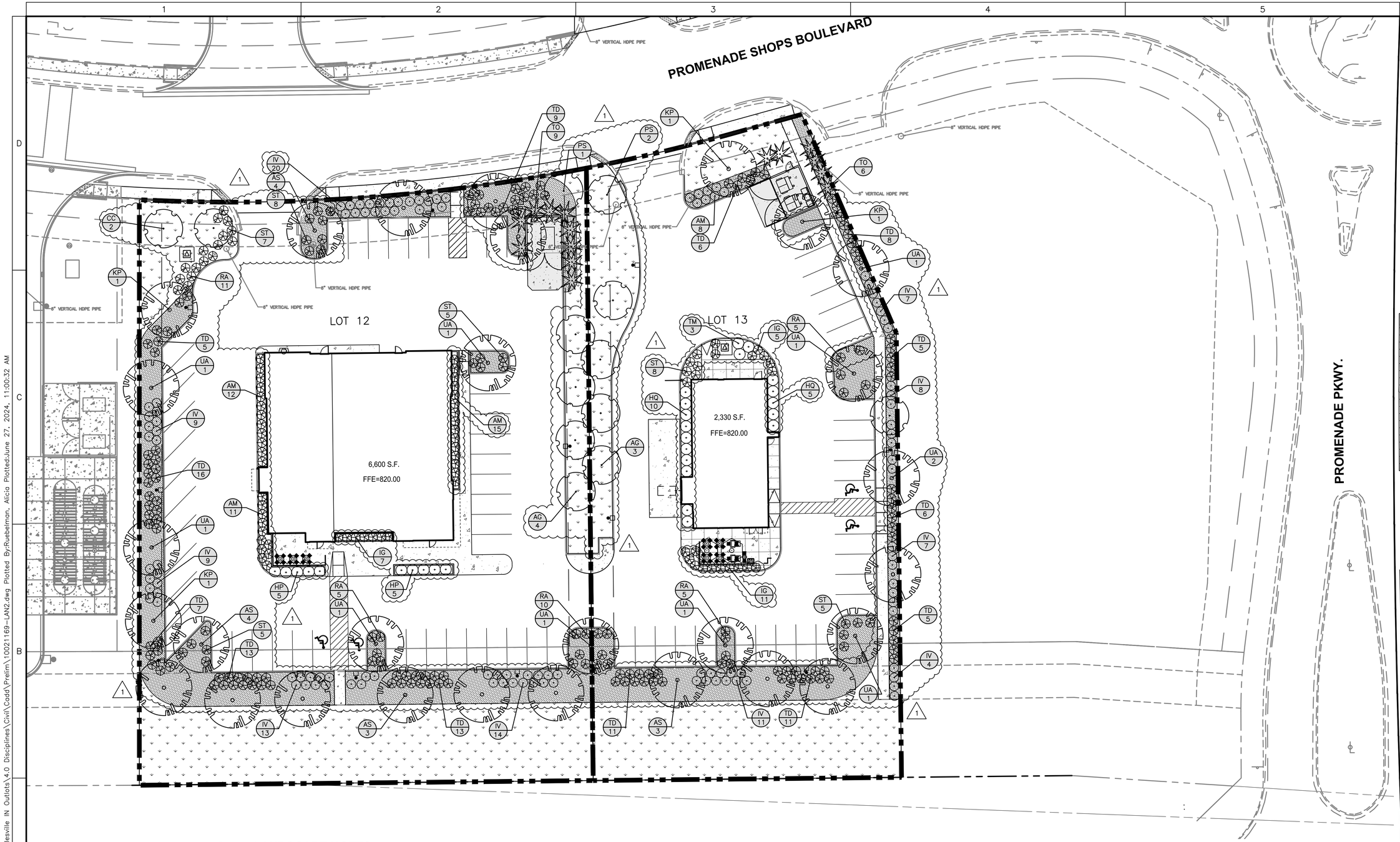

A1 LANDSCAPE PLAN
1" = 20'

NORTH

LANDSCAPE NOTES

1. COORDINATE PLACEMENT OF PLANTS WITH UTILITY LOCATIONS AND SIGHT LINES TO BUILDING. MAKE ADJUSTMENTS AS REQUIRED TO AVOID PLANTING OVER THE UTILITIES AND/OR WITHIN SIGHT LINES TO ALL MEIJER BUILDING SIGNAGE.
2. THE CENTER OF LARGE ISLANDS IS TO BE SIX INCHES HIGHER THAN TOP OF CURB. ENSURE ALL ISLANDS ARE SLOPED FOR POSITIVE DRAINAGE.
3. ALL AREAS THAT REQUIRE SEEDING SHALL RECEIVE 4" MINIMUM TOPSOIL, UNLESS NOTED OTHERWISE.
4. SEED ALL AREAS INDICATED ON THE LANDSCAPE PLAN, THE SOIL EROSION CONTROL PLAN AND ALL DISTURBED AREA. REVIEW AREAS OF SEEDING WITH CONSTRUCTION MANAGER PRIOR TO ANY SEEDING. ANY AREAS DISTURBED BY THE CONTRACTOR WHICH ARE BEYOND THE LIMITS OF GRADING AND EARTHWORK SHALL BE SEEDED AT NO ADDITIONAL COST TO THE OWNER.
5. TOPSOIL SHALL BE TESTED AND AMENDED AS NECESSARY DURING FINAL GRADING AND PREPARATION FOR SEEDING BY CONTRACTOR.
6. APPLY STARTER FERTILIZER (16–32–4) AT 250 POUNDS/ACRE TO SEEDED AREAS.
7. ALL LANDSCAPE ISLANDS SHALL BE NATURAL COLOR, DYE–FREE, 3" DEEP SHREDDED HARDWOOD MULCH EXCEPT AS NOTED. PLACE MULCH OVER WEED BARRIER FABRIC AND TREAT WITH PRE–EMERGENT HERBICIDE.
8. SEE SHEET C–602 FOR PLANT SCHEDULE.
9. ALL LANDSCAPING SHALL BE INSTALLED A MINIMUM OF 4' FROM THE EDGE OF PAVEMENT WHERE A VEHICLE WILL OVERHANG A LANDSCAPE BED.

SEED MIXTURE TYPE A (18,851 SF) 1

SHREDDED HARDWOOD MULCH TO 3" DEPTH, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS

A5 LANDSCAPING LEGEND
NTS

0 20 40 60
GRAPHIC SCALE IN FEET

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Suite 200
Indianapolis, IN 46204
317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

LANDSCAPE PLAN
LOTS 12 AND 13

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-601

Images: , Xrefs: 10021169–TBLK.dwg; 10021169–p.dwg; 10021169–x.dwg; 10021169–x–NBV survey.dwg
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Last Saved By:A.Ruebelmon, 6/27/2024 10:36:25 AM
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LOT 10 PLANTING SCHEDULE

TAG	QTY	SCIENTIFIC NAME	COMMON NAME	COND.	SIZE	REMARKS
SHADE TREES						
AS	12	Acer saccharum 'Bailsta'	Fall Fiesta Maple	B&B	2.5" cal.	Full, well shaped
KP	1	Koelreuteria paniculata	Golden Rain Tree	B&B	2.5" cal.	Full, well shaped
UA	8	Ulmus japonica x wilsoniana 'Morton'	Accolade Elm	B&B	2.5" cal.	Full, well shaped
ORNAMENTAL/EVERGREEN TREES						
AG	4	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry	B&B	1.5" caliper	Full, well-shaped, single-stem
CC	6	Carpinus caroliniana	American Hornbeam	B&B	1.5" caliper	Full, well-shaped, single-stem
PS	3	Thuja o. 'Pyramidal'	Pyramidal Arborvitae	B&B	6'ht.	Full to ground, well shaped
TO	8	Thuja occidentalis. 'Pyramidal'	Pyramidal Arborvitae	B&B	6'ht.	Full to ground, well shaped
SHRUBS						
AM	39	Aronia melanocarpa 'UCONNAM165'	Low Scape Mound Aronia	#3 cont.	18" height	Full, vigorous
HP	6	Hydrangea paniculata 'Little Lime'	Little Lime Hydrangea	#3 cont.	18" height	Full, vigorous
IG	7	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	#3 cont.	18" height	Full, vigorous
IV	59	Itea virginica 'Henrys Garnet'	Henry's Garnet Sweetspire	#3 cont.	24" height	Parking Lot Perimeter Planting
TD	75	Taxus x media 'Densiformis'	Dense Yew	#3 cont.	24" height	Parking Lot Perimeter Planting
RA	25	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#3 cont.	18" height	Parking Lot Island Planting
ST	37	Stephanandra incisa 'Crispa'	Cutleaf Lace Shrub	#3 cont.	18" height	Parking Lot Island Planting

* QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL QUANTITIES OF PLANTS ON LANDSCAPE PLAN.

LOT 12 PLANTING SCHEDULE

TAG	QTY	SCIENTIFIC NAME	COMMON NAME	COND.	SIZE	REMARKS
SHADE TREES						
AS	11	Acer saccharum 'Bailsta'	Fall Fiesta Maple	B&B	2.5" cal.	Full, well shaped
KP	2	Koelreuteria paniculata	Golden Rain Tree	B&B	2.5" cal.	Full, well shaped
UA	5	Ulmus japonica x wilsoniana 'Morton'	Accolade Elm	B&B	2.5" cal.	Full, well shaped
ORNAMENTAL/EVERGREEN TREES						
AG	4	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry	B&B	1.5" caliper	Full, well-shaped, single-stem
CC	2	Carpinus caroliniana	American Hornbeam	B&B	1.5" caliper	Full, well-shaped, single-stem
PS	1	Thuja o. 'Pyramidal'	Pyramidal Arborvitae	B&B	6'ht.	Full to ground, well shaped
TO	9	Thuja occidentalis. 'Pyramidal'	Pyramidal Arborvitae	B&B	6'ht.	Full to ground, well shaped
SHRUBS						
AM	38	Aronia melanocarpa 'UCONNAM165'	Low Scape Mound Aronia	#3 cont.	18" height	Full, vigorous
HP	10	Hydrangea paniculata 'Little Lime'	Little Lime Hydrangea	#3 cont.	18" height	Full, vigorous
IG	7	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	#3 cont.	18" height	Full, vigorous
IV	45	Itea virginica 'Henrys Garnet'	Henry's Garnet Sweetspire	#3 cont.	24" height	Parking Lot Perimeter Planting
TD	63	Taxus x media 'Densiformis'	Dense Yew	#3 cont.	24" height	Parking Lot Perimeter Planting
RA	16	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#3 cont.	18" height	Parking Lot Island Planting
ST	25	Stephanandra incisa 'Crispa'	Cutleaf Lace Shrub	#3 cont.	18" height	Parking Lot Island Planting

* QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL QUANTITIES OF PLANTS ON LANDSCAPE PLAN.

LOT 13 PLANTING SCHEDULE

TAG	QTY	SCIENTIFIC NAME	COMMON NAME	COND.	SIZE	REMARKS
SHADE TREES						
AS	3	Acer saccharum 'Bailsta'	Fall Fiesta Maple	B&B	2.5" cal.	Full, well shaped
KP	2	Koelreuteria paniculata	Golden Rain Tree	B&B	2.5" cal.	Full, well shaped
UA	6	Ulmus japonica x wilsoniana 'Morton'	Accolade Elm	B&B	2.5" cal.	Full, well shaped
ORNAMENTAL/EVERGREEN TREES						
PS	2	Thuja o. 'Pyramidal'	Pyramidal Arborvitae	B&B	6'ht.	Full to ground, well shaped
TO	6	Thuja occidentalis. 'Pyramidal'	Pyramidal Arborvitae	B&B	6'ht.	Full to ground, well shaped
SHRUBS						
AM	8	Aronia melanocarpa 'UCONNAM165'	Low Scape Mound Aronia	#3 cont.	18" height	Full, vigorous
HQ	15	Hydrangea quercifolia 'Munchkin'	Dwarf Oakleaf Hydrangea	#3 cont.	18" height	Full, vigorous
IV	37	Itea virginica 'Henrys Garnet'	Henry's Garnet Sweetspire	#3 cont.	24" height	Parking Lot Perimeter Planting
TD	52	Taxus x media 'Densiformis'	Dense Yew	#3 cont.	24" height	Parking Lot Perimeter Planting
TM	3	Taxus x media 'Hicksii'	Hicks Yew	#3 cont.	24" height	Full, vigorous
RA	15	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#3 cont.	18" height	Parking Lot Island Planting
ST	13	Stephanandra incisa 'Crispa'	Cutleaf Lace Shrub	#3 cont.	18" height	Parking Lot Island Planting

* QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL QUANTITIES OF PLANTS ON LANDSCAPE PLAN.

LANDSCAPE CODE SUMMARY (LOT 10)

NOBLESVILLE, INDIANA UNIFIED DEVELOPMENT ORDINANCE

ARTICLE 12 LANDSCAPING AND SCREENING

INTERIOR PARKING LOT LANDSCAPING (12.5.C)
EACH ISLAND (9x18) SHALL CONTAIN A MINIMUM OF ONE (1) CANOPY TREE AND FIVE (5) SHRUBS

OUTLOT B (9 ISLANDS)
= 11 TREES & 55 SHRUBS REQUIRED
= 11 TREES & 55 SHRUBS PROVIDED

PERIMETER PARKING LOT LANDSCAPING (12.5.D)
PARKING ADJACENT TO R.O.W. REQUIRES TWO (2) CANOPY TREES AND THIRTY-THREE (33) SHRUBS PER 100 LF
= 8 TREES & 112 SHRUBS REQUIRED
= 8 TREES & 112 SHRUBS PROVIDED

LANDSCAPE CODE SUMMARY (LOT 12)

NOBLESVILLE, INDIANA UNIFIED DEVELOPMENT ORDINANCE

ARTICLE 12 LANDSCAPING AND SCREENING

INTERIOR PARKING LOT LANDSCAPING (12.5.C)
EACH ISLAND (9x18) SHALL CONTAIN A MINIMUM OF ONE (1) CANOPY TREE AND FIVE (5) SHRUBS

OUTLOT C (5 ISLANDS)
= 5 TREES & 25 SHRUBS REQUIRED
= 5 TREES & 25 SHRUBS PROVIDED

PERIMETER PARKING LOT LANDSCAPING (12.5.D)
PARKING ADJACENT TO R.O.W. REQUIRES TWO (2) CANOPY TREES AND THIRTY-THREE (33) SHRUBS PER 100 LF
= 8 TREES & 81 SHRUBS REQUIRED
= 8 TREES & 81 SHRUBS PROVIDED

LANDSCAPE CODE SUMMARY (LOT 13)

NOBLESVILLE, INDIANA UNIFIED DEVELOPMENT ORDINANCE

ARTICLE 12 LANDSCAPING AND SCREENING

INTERIOR PARKING LOT LANDSCAPING (12.5.C)
EACH ISLAND (9x18) SHALL CONTAIN A MINIMUM OF ONE (1) CANOPY TREE AND FIVE (5) SHRUBS

OUTLOT D (4 ISLANDS)
= 4 TREES & 20 SHRUBS REQUIRED
= 4 TREES & 20 SHRUBS PROVIDED

PERIMETER PARKING LOT LANDSCAPING (12.5.D)
PARKING ADJACENT TO R.O.W. REQUIRES TWO (2) CANOPY TREES AND THIRTY-THREE (33) SHRUBS PER 100 LF
= 4 TREES & 47 SHRUBS REQUIRED
= 8 TREES & 47 SHRUBS PROVIDED

0 20 40 60
GRAPHIC SCALE IN FEET

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317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

LANDSCAPE PLAN
SCHEDULE AND NOTES

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-602

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x.dwg; 10021169-x-NBV survey.dwg
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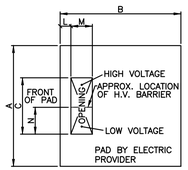
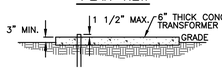


PLAN VIEW



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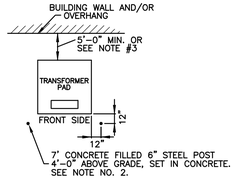


NOTES:

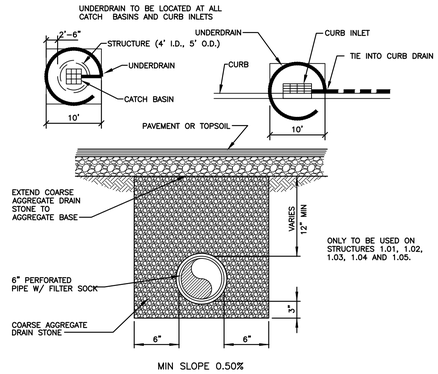
1.) 10 FOOT CLEARANCE MUST BE MAINTAINED ON FRONT SIDE OF PAD.
2.) CUSTOMER SHALL FURNISH AND INSTALL POSTS TO PROTECT TRANSFORMER WHEN EXPOSED TO VEHICULAR TRAFFIC.
3.) IF ADJACENT TO WINDOW, DOOR, COMBUSTIBLE WALL OR OVERHANG, THE MINIMUM DISTANCE SHALL BE 10' FEET.
4.) TRANSFORMER PAD SHALL NOT BE SET ON PAVEMENT.
5.) ALL BACKFILL UNDER PAD TO BE THOROUGHLY COMPACTED IN SOLID LAYERS NOT TO EXCEED 6".
6.) METALLIC CONDUITS SHALL NOT BE INSTALLED IN PAD MOUNTED TRANSFORMERS.
7.) NO CUSTOMERS GROUNDING GRIDS OR GROUNDING ELECTRODE CONDUCTORS SHALL BE CONNECTED AT PAD MOUNTED TRANSFORMER LOCATIONS.
8.) MAXIMUM – 9 CONDUITS, ONE CIRCUIT PER CONDUIT.
9.) THE TRANSFORMER SHALL BE READILY ACCESSIBLE TO ELECTRIC UTILITY COMPANY.

STOCK NO.	KVA	WT.	A	B	C	D	L	M	N	KVA
1703–506	150–300	5800	75	80	44	15 1/2	9	15	19 1/2	150–300
1703–507	1703–507	10,100	84	84	44	20	9	15	19 1/2	500–1000
1703–508	1500	12,600	84	84	48	18	9	17	23 1/2	1500

ALL DIMENSIONS ARE IN INCHES

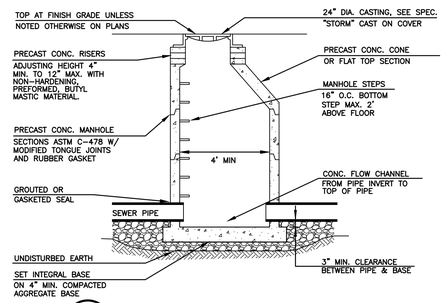
D1 CONCRETE PAD FOR THREE PHASE TRANSFORMER 150-1500 KVA

NTS



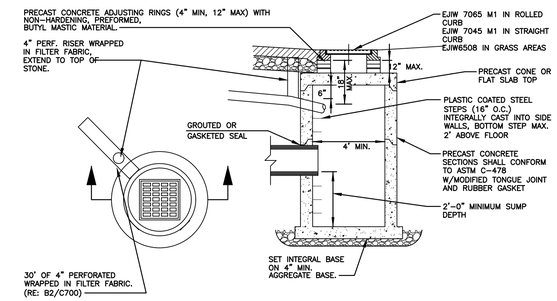
D2 PERFORATED UNDERDRAIN

NTS



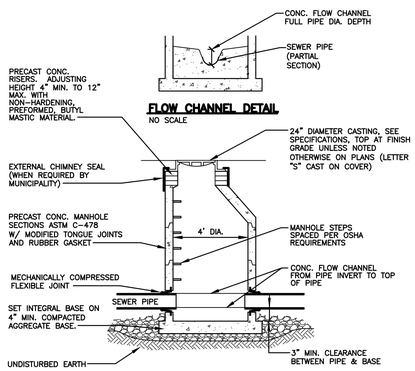
D3 TYP. STORM MANHOLE

NTS



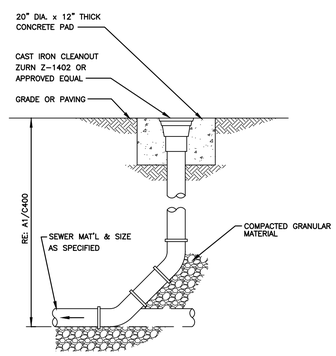
D5 STORM SEWER CATCH BASIN

NTS



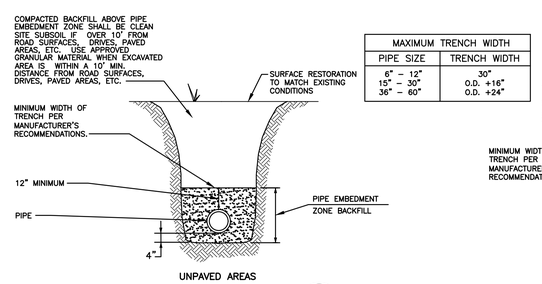
B1 TYP. SANITARY MANHOLE (PVT. SAN. SWR.)

NTS

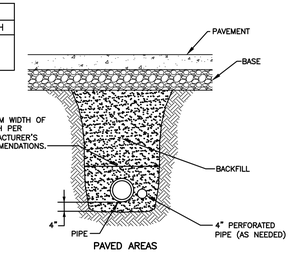


B2 TYP. CLEANOUT DETAIL

NTS

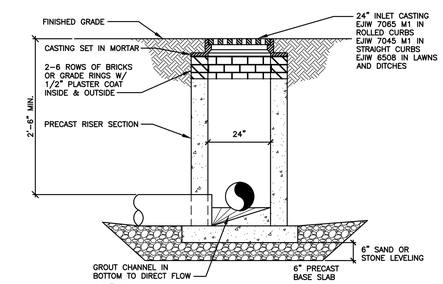


MAXIMUM TRENCH WIDTH	
PIPE SIZE	TRENCH WIDTH
6" – 12"	30"
15" – 30"	O.D. +16"
36" – 60"	O.D. +24"



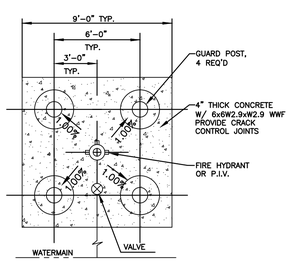
B3 PIPE TRENCH TYP.

NTS

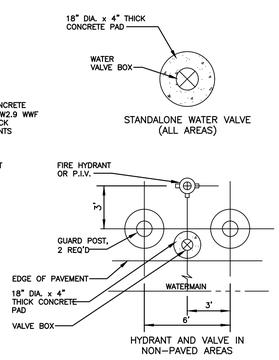


B5 24" DIA. CATCH BASIN

NTS



HYDRANT AND VALVE IN PAVED AREAS



HYDRANT AND VALVE IN NON–PAVED AREAS

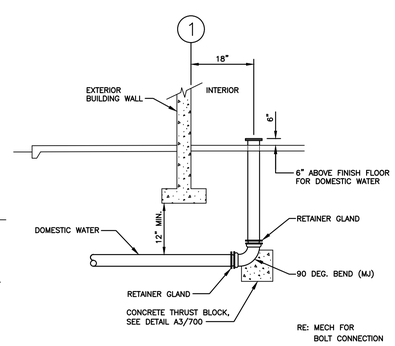
NOTES:

PROVIDE POSITIVE DRAINAGE (1% MIN) AWAY FROM THE FIRE HYDRANT.

GUARD POSTS NOT REQUIRED WHERE FH IS BEHIND CURB. FIRE HYDRANTS LOCATED IN LOADING DOCK AREAS WILL REQUIRE 2 GUARD POSTS REGARDLESS IF THERE IS CURB.

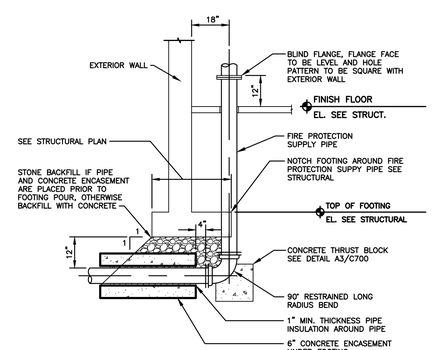
A1 FH AND WATER VALVE LAYOUT

NTS



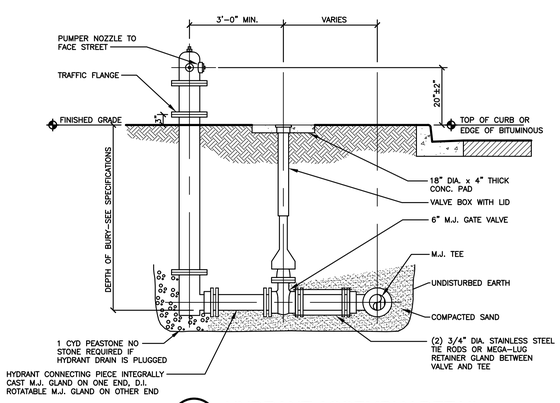
A2 TYP. DOMESTIC WTR. RISER

NTS



A3 FIRE RISER DETAIL

NTS



A4 HYDRANT ASSEMBLY DETAIL

NTS

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL
333 North Alabama Street
Suite 200
Indianapolis, IN 46204
317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

DETAILS

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANM

JOB NO.
10021169

C-700

Images: , Xrefs: 10021169-TBLK.dwg
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Last Saved By:Doulton, 5/16/2024 12:39:57 PM
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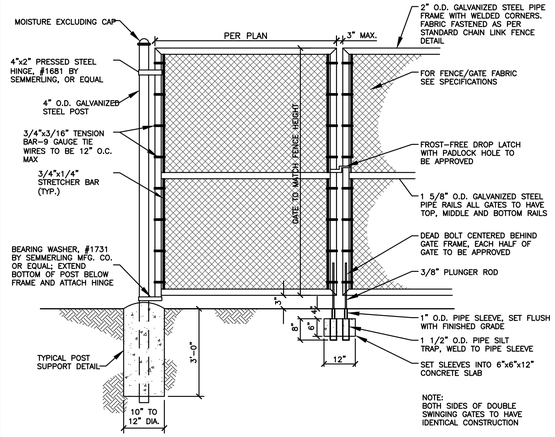
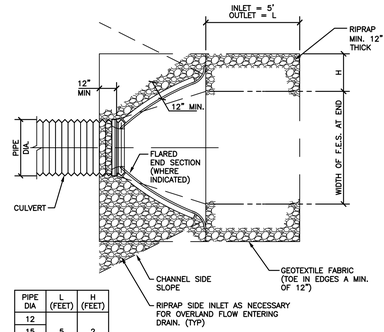


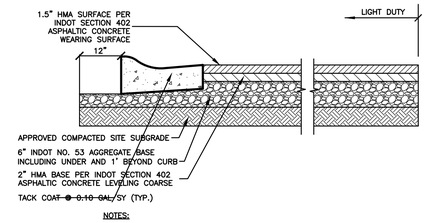
D1 DOUBLE GATE CHAIN LINK FENCE DETAIL
NTS



PIPE DIA	L (FEET)	H (FEET)
12	5	2
15		
18		
21	10	4
24		
30		
36		
42	15	6
48		
54		
60		
66	20	8
72		
78		
84		

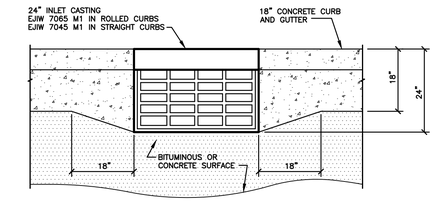
NOTES:
1. "H" PROVIDES FOR RIPRAP UP TO THE MIDPOINT OF THE AVERAGE PIPE DIAMETER IN THE GROUPING.
2. "L" FOLLOWS MINIMUM APRON LENGTHS BASED ON EMPIRICAL FORMULA U.S.E.P.A. 1976 L=30/D3/2 FOR TAILWATERS GREATER THAN 0.5D (D=DIAMETER).
3. FOR UNDERDRAINS THAT OUTLET DIRECTLY ONTO SLOPED SURFACES, AN END TREATMENT SHALL BE PROVIDED IN ACCORDANCE WITH MDOT STANDARD DRAWING R-80-E FOR A CONCRETE END SECTION OR EQUIVALENT DOT STANDARD DRAWING/SPECIFICATION. A REMOVABLE, SERVICABLE RODENT SCREEN SHALL BE PROVIDED. PROVIDE A TIED CONCRETE BLOCK MAT, 4'Lx4'W, CENTERED ON THE OUTLET, WITH THE TOP OF THE MAT MATCHING THE SLOPE OF THE ADJACENT SURFACE. THE BLOCK MAT SHALL BE DESIGNED FOR A MINIMUM DISCHARGE VELOCITY OF 10 FPS.

D2 RIP RAP END TREATMENT DETAIL
NTS

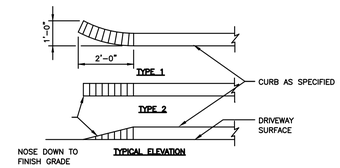


NOTES:
1. ALL ITEM NUMBERS REFER TO STATE OF INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION.
2. THE SURFACE FOR BOTH TYPES CAN BE COMPLETED AT THE SAME TIME. ALL PAVEMENT JOINTS SHOULD BE SQUARE WITHOUT FEATHERING.
3. SEE SPECIFICATIONS FOR MODIFICATIONS TO STANDARD BITUMINOUS D.O.T. MIXES.

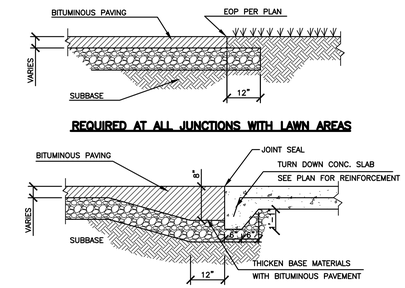
D3 LIGHT DUTY / HEAVY DUTY PAVEMENT SECTION
NTS



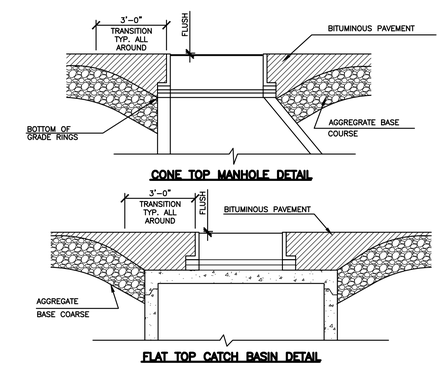
D5 CURB TRANSITION DETAIL
NTS



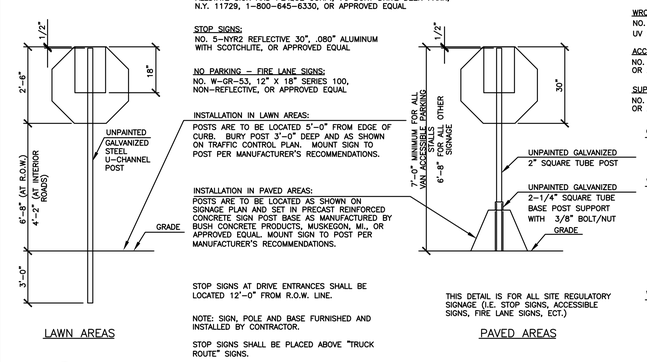
C3 CURB TAPER
NTS



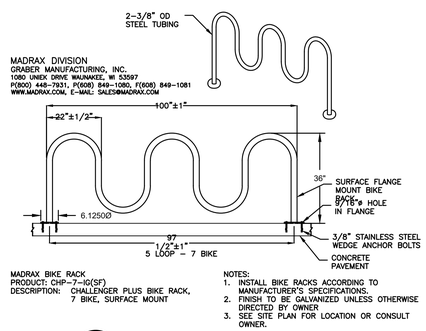
C5 BITUMINOUS PAVEMENT EDGE DETAILS
NTS



B5 TYPICAL BITUMINOUS PAVEMENT AT MH AND CB
NTS

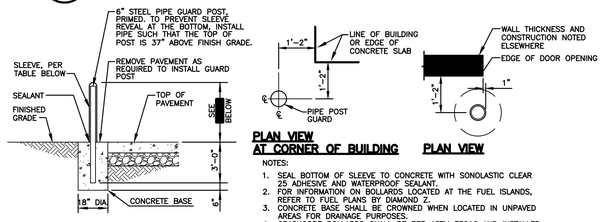


B1 TRAFFIC CONTROL SIGNAGE
NTS



NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. FINISH TO BE GALVANIZED UNLESS OTHERWISE DIRECTED BY OWNER
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.

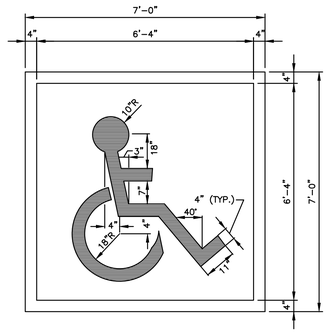
B3 BIKE RACK DETAIL
NTS



NOTES:
1. SEAL BOTTOM OF SLEEVE TO CONCRETE WITH SONOLASTIC CLEAR 25 ADHESIVE AND WATERPROOF SEALANT.
2. FOR INFORMATION ON BOLLARDS LOCATED AT THE FUEL ISLANDS, REFER TO FUEL PLANS BY DIAMOND Z.
3. CONCRETE BASE SHALL BE CROWNED WHEN LOCATED IN UNPAVED AREAS FOR DRAINAGE PURPOSES.
4. CRASHCORE BOLLARDS SHALL BE PER ASTM F3016 AND INSTALLED BY MANUFACTURERS APPROVED CONTRACTOR.
5. ALL GUARD POSTS AND BOLLARDS SHALL BE SPACED 5'-6" O.C. UNLESS OTHERWISE NOTED.

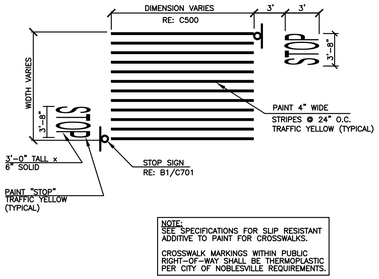
BOLLARD TYPE	SLEEVE HEIGHT	SLEEVE SIZE	SLEEVE TYPE	PART NUMBER
GUARD POST	42"	6"	MCCUE 6" POST COVER YELLOW 307 OR BLACK 401	9C006307 (YELLOW) 9C006401 (BLACK)
S10 BOLLARD (MCCUE CRASHCORE)	40"	4"	S10 BOLLARD 4" POST COVER WITH REFLECTIVE TAPE, DOVE GRAY 121	9C016121 (DOVE GRAY)
S20 BOLLARD (MCCUE CRASHCORE)	40"	6"	S20 BOLLARD 6" STAINLESS STEEL FINISH	2B600905

A1 GUARD POST AND BOLLARD DETAIL
NTS



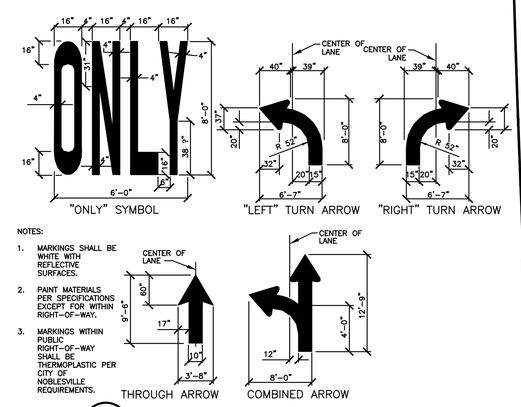
NOTE: SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL. SYMBOLS ARE REQUIRED TO CONTRAST WITH BACKGROUND. (COLOR NO. 105090 IN FEDERAL STANDARDS 595a) DOUBLE COAT. (TYP.) SYMBOL SHALL MEET INDIANA ACCESSIBILITY CODE AND THE AMERICANS WITH DISABILITIES ACT CRITERIA.

A2 ADA PAVEMENT SYMBOL
NTS



NOTE:
SEE SPECIFICATIONS FOR SLIP RESISTANT ADDITIVE TO PAINT FOR CROSSWALKS.
CROSSWALK MARKINGS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC PER CITY OF NOBLESVILLE REQUIREMENTS.

A3 PEDESTRIAN CROSSWALK STRIPING PLAN
NTS



NOTES:
1. MARKINGS SHALL BE WHITE WITH REFLECTIVE SURFACES.
2. PAINT MATERIALS PER SPECIFICATIONS EXCEPT FOR WITHIN RIGHT-OF-WAY.
3. MARKINGS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC PER CITY OF NOBLESVILLE REQUIREMENTS.

A5 PAVEMENT MARKING DETAILS
NTS

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL
333 North Alabama Street
Suite 200
Indianapolis, IN 46204
317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

DETAILS

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANM

JOB NO.
10021169

C-701

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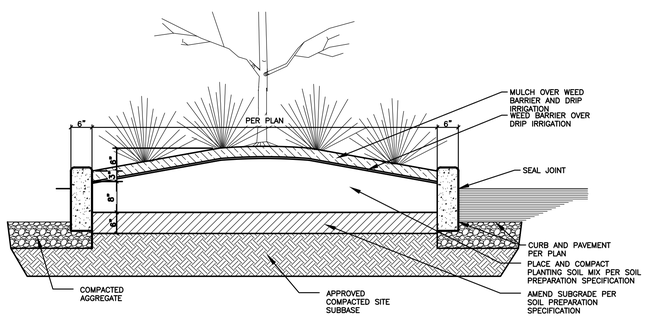
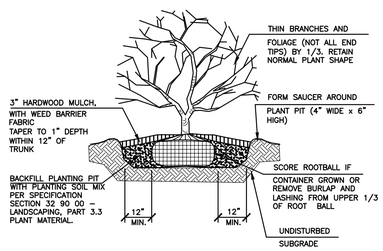


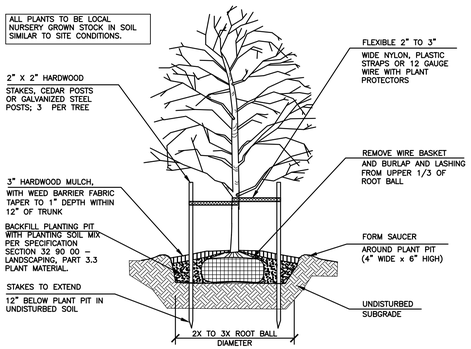
B1 LANDSCAPE PARKING LOT ISLAND SECTION
NTS

ALL PLANTS TO BE NURSERY GROWN STOCK IN SOIL SIMILAR TO SITE CONDITIONS.



A1 SHRUB PLANTING
NTS

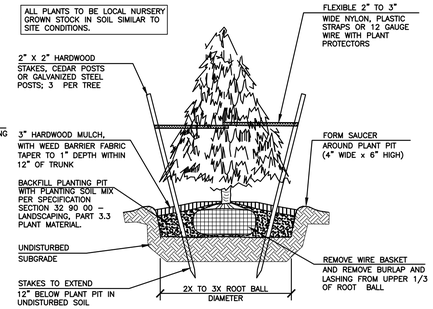
ALL PLANTS TO BE LOCAL NURSERY GROWN STOCK IN SOIL SIMILAR TO SITE CONDITIONS.



NOTE: CONTRACTOR TO SUPPLY, INSTALL, AND MAINTAIN TREE WATERING DEVICES PER THE PROJECT SPECIFICATIONS

A2 DECIDUOUS TREE PLANTING
NTS

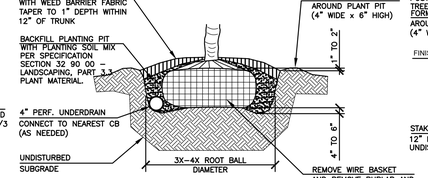
ALL PLANTS TO BE LOCAL NURSERY GROWN STOCK IN SOIL SIMILAR TO SITE CONDITIONS.



NOTE: CONTRACTOR TO SUPPLY, INSTALL, AND MAINTAIN TREE WATERING DEVICES PER THE PROJECT SPECIFICATIONS

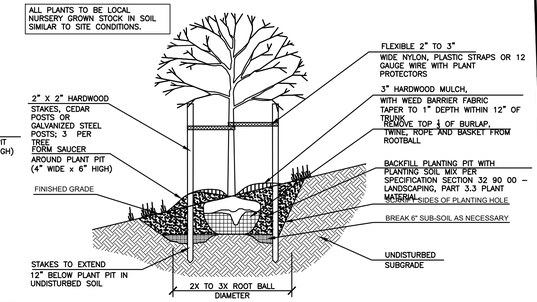
A3 EVERGREEN TREE PLANTING
NTS

IF SOILS AT PLANTING LOCATION ARE NOT WELL DRAINED, INSTALL ROOT BALL AS SHOWN.



A4 POORLY DRAINED SOILS PLANTING
NTS

ALL PLANTS TO BE LOCAL NURSERY GROWN STOCK IN SOIL SIMILAR TO SITE CONDITIONS.



NOTE: CONTRACTOR TO SUPPLY, INSTALL, AND MAINTAIN TREE WATERING DEVICES PER THE PROJECT SPECIFICATIONS

A5 TREE PLANTING ON SLOPE
NTS

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL
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317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

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PERMIT	05/22/24
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CONSTRUCTION	
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PROJECT MANAGER	DESIGNER
BLS	ANM

JOB NO.
10021169

C-702

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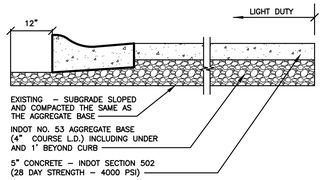
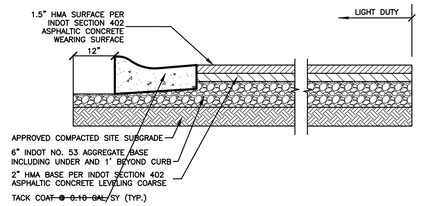


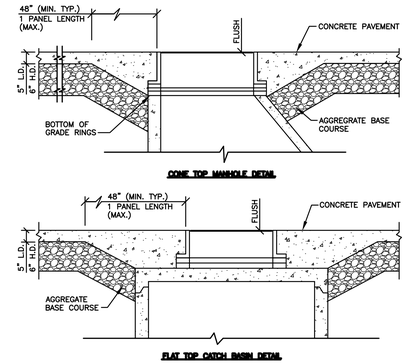
NOTES:
1) ALL ITEM NUMBERS REFER TO STATE OF INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION.
2) THE POURING FOR BOTH TYPES CAN BE COMPLETED AT THE SAME TIME. ALL PAVEMENT JOINTS SHOULD BE IN CONFORMANCE WITH DETAIL PROVIDED ON THIS SHEET.
3) SEE SPECIFICATIONS FOR MODIFICATIONS TO STANDARD CONCRETE D.O.T. MIXES.

D1 LIGHT DUTY CONCRETE PAVEMENT SECTION
NTS

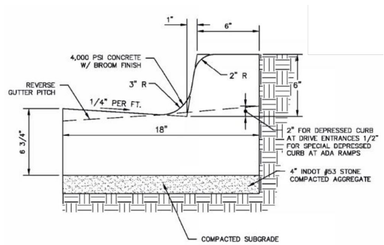


NOTES:
1. ALL ITEM NUMBERS REFER TO STATE OF INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION.
2. THE SURFACE FOR BOTH TYPES CAN BE COMPLETED AT THE SAME TIME. ALL PAVEMENT JOINTS SHOULD BE SQUARE WITHOUT FEATHERING.
3. SEE SPECIFICATIONS FOR MODIFICATIONS TO STANDARD BITUMINOUS D.O.T. MIXES.

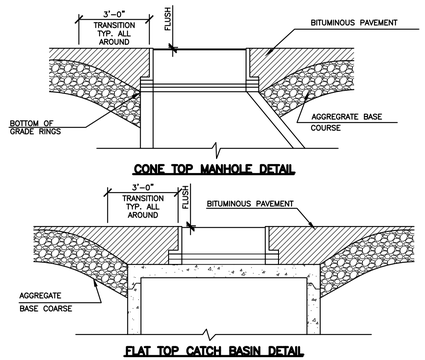
D2 LIGHT DUTY / HEAVY DUTY PAVEMENT SECTION
NTS



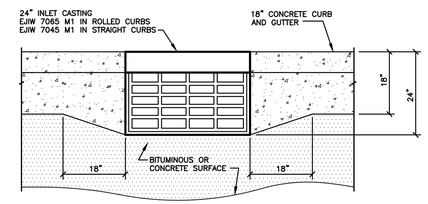
D3 TYPICAL CONCRETE PAVEMENT AT MH AND CB
NTS



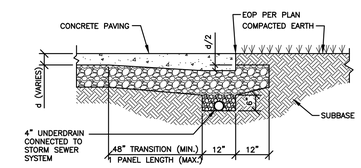
C1 STRAIGHT CURB AND GUTTER
NTS

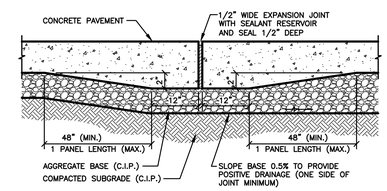


C2 TYPICAL BITUMINOUS PAVEMENT AT MH AND CB
NTS

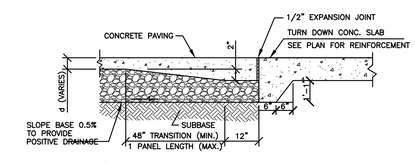


C3 CURB TRANSITION DETAIL
NTS

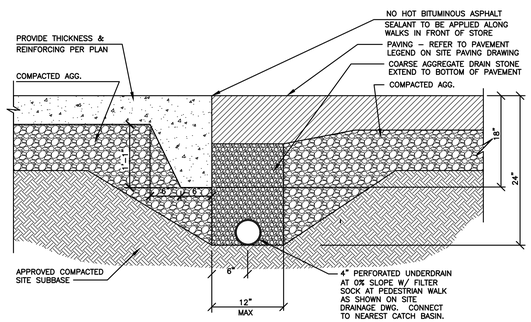




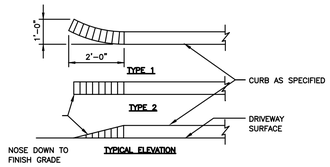
B4a EXPANSION JOINT
NTS



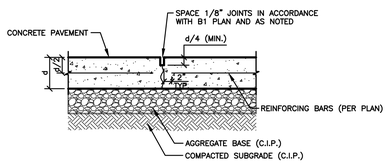
C5a CONCRETE PAVEMENT EDGE DETAIL
NTS



B1 UNDERDRAIN AT BUILDING FRONT SIDEWALK
NTS

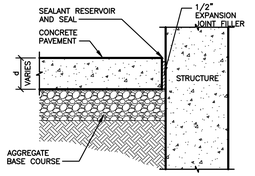


B2 CURB TAPER
NTS

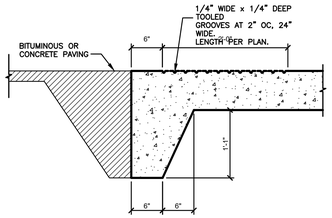


NOTES:
1) MAXIMUM SPACING FOR CONTRACTION JOINTS SHALL BE 10' FOR CURB AND 20' FOR SLABS OR AS OTHERWISE NOTES IN THE PLANS.

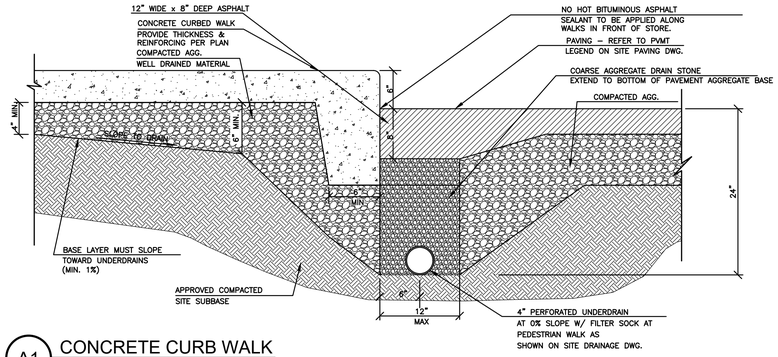
B3 CONTRACTION JOINT (UNDOWELED)
NTS



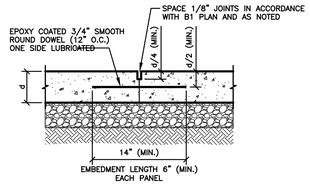
B4 CONCRETE PAVEMENT EDGE
NTS



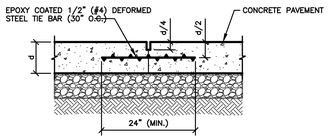
B5 CONCRETE GROOVE DETAIL
NTS



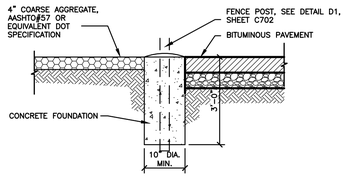
A1 CONCRETE CURB WALK
NTS



A3 DOWELED BUTT JOINT
NTS



A4 TIED BUTT JOINT
NTS



A5 TYP. FENCE POST DETAIL
NTS

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL
333 North Alabama Street
Suite 200
Indianapolis, IN 46204
317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
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REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
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PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
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MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

CONCRETE PAVING DETAILS

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANM

JOB NO.
10021169

C-703

Images: Chairback Curb per RFI #67.PNG; Xrefs: 10021169-TBLK.dwg
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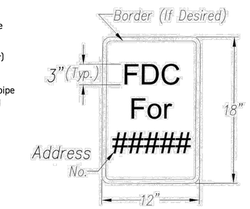
Fire Department Connections (FDC) must meet the stipulations of NFPA 13, NFPA 13R, NFPA 14, and the following criteria:

1. The FDC shall be located in a location approved by the Fire Marshal. A site utility plan shall be submitted to this office for review and approval.
2. The FDC shall be provided with a single *5" storz connection* that shall face towards the nearest point of fire department access. The 5" storz connection shall measure 30-40 inches from the finished grade and project *downward* at a 30-45 degree angle.
3. A minimum of a 4" FDC service pipe shall be utilized on a fire service line that is 6" or larger.
4. FDCs susceptible to vehicular damage must be protected by curbs or bollards in accordance with IFC Section 312.
5. The FDC shall be located not more than 100 feet from the nearest fire hydrant tapped off a public water main.

FDC Sign Specifications

1. The sign shall be constructed out of a material that is not susceptible to degradation. The sign material shall be approved by the Fire Marshal.
2. The sign lettering (and optional border) shall be RED in color.
3. The sign shall be attached to the FDC pipe by an approved method. The preferred method is 4" or 6" electrical minis, available from any electrical supply warehouse.



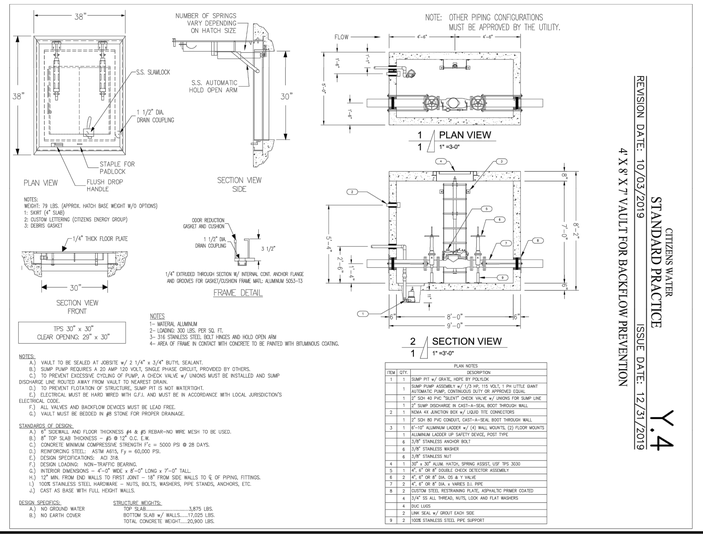
C4
C-704

NOBLESVILLE FIRE DEPARTMENT
FIRE DEPARTMENT CONNECTION (FDC) SPECIFICATIONS

1. A water distribution plan, with the fire hydrants identified, shall be submitted and approved by the Fire Marshal of the City of Noblesville Fire Department prior to construction of a structure.
2. All *on-site* fire hydrants shall be located between the curb and sidewalk in the right-of-way. The *5" storz connection* shall face the street.
3. The number, size, and arrangement of outlets, the size of the main valve opening and the size of the barrel shall be suitable for the required fire protection.
4. The type and installation of fire hydrants shall be approved by the respective Water Utility. Fire Hydrants shall meet the following criteria:
   a. Valve installed in the hydrant connection
   b. Mechanical joint connection for 6" service pipe
   c. Minimum of a 5 ¼" diameter main valve opening
   d. Two (2) 2 ½" male outlets with threads being National Standard
   e. A steamer outlet with a *5" Storz Connection* and a 5" storz cap & chain
   f. A main valve seat provided with bronze to bronze threads
   g. A *"break-a-way"* hydrant that allows the barrel to break with a minimal amount of water escaping
   h. Four (4) drain holes in the bottom to prevent freezing
   i. All public hydrants shall be factory painted in the color "Traffic Yellow", "Caution Yellow", or "Safety Yellow" *(Do not paint the Storz Connection)*
   j. All private hydrants shall be factory painted in the color "Safety Red" or equivalent *(Do not paint the Storz Connection)*
   k. The hydrant shall be operated by a national standard pentagon operating nut *(1 ½ inch)*

B4
C-704

NOBLESVILLE FIRE DEPARTMENT
FIRE HYDRANT SPECIFICATIONS



NOTES:
A.) VAULT TO BE SEALED AT JOBSITE w/ 2 1/4" x 3/4" BUTYL SEALANT.
B.) SUMP PUMP REQUIRES A 20 AMP 120 VOLT, SINGLE PHASE, CIRCUIT, PROVIDED BY OTHERS.
C.) TO PREVENT EXCESSIVE CYCLING OF PUMP, A CHECK VALVE w/ UNIONS MUST BE INSTALLED AND SUMP DISCHARGE LINE MUST BE PLUMBED TO DISCHARGE OUTSIDE OF VAULT.
D.) SUMP PIT IS NOT PART OF STRUCTURE. SUMP PIT IS NOT WATERTIGHT.
E.) ELECTRICAL MUST BE HARD WIRED WITH G.F.I. AND MUST BE IN ACCORDANCE WITH LOCAL JURISDICTION'S ELECTRICAL CODE.
F.) ALL VALVES AND BACKFLOW DEVICES MUST BE LEAD FREE.
G.) VAULT MUST BE BEDDED IN #8 STONE FOR PROPER DRAINAGE.

STANDARDS OF DESIGN:
A.) 4" SIDEWALL AND FLOOR THICKNESS #4 @ #5 REBAR-NO WIRE MESH TO BE USED.
B.) 4" SIDEWALL TO BE REINFORCED - #5 @ 12" O.C. E.W.
C.) CONCRETE MINIMUM COMPRESSIVE STRENGTH f'c = 5000 PSI @ 28 DAYS.
D.) REINFORCING STEEL: ASTM A615, fy = 60,000 PSI.
E.) DESIGN SPECIFICATIONS: ACI 318.
F.) DESIGN LOADING: NON-TRAFFIC BEARING.
G.) INTERIOR DIMENSIONS = 4'-0" WIDE x 8'-0" LONG x 7'-0" TALL.
H.) 12" MIN. FROM END WALLS TO FIRST JOINT - 18" FROM SIDE WALLS TO ℄ OF PIPING, FITTINGS.
I.) 100% STAINLESS STEEL HARDWARE - NUTS, BOLTS, WASHERS, PIPE STANDS, ANCHORS, ETC.
J.) CAST AS BASE WITH FULL HEIGHT WALLS.

DESIGN SPECIFICS:
A.) NO GROUND WATER
B.) NO EARTH COVER

STRUCTURE WEIGHTS:
SUMP SLAB.....3,875 LBS.
BOTTOM SLAB w/ WALLS.....17,025 LBS.
TOTAL CONCRETE WEIGHT.....20,900 LBS.

ITEM	QTY.	PLAN NOTES DESCRIPTION
1	1	SUMP PIT w/ GRATE, HDPE BY POLYLOK
	1	SUMP PUMP ASSEMBLY w/ 1/3 HP, 115 VOLT, 1 PH LITTLE GIANT AUTOMATIC PUMP, CONTINUOUS DUTY OR APPROVED EQUAL
	1	3" SCH 40 PVC "SILENT" CHECK VALVE w/ UNIONS FOR SUMP LINE
	1	3" SUMP DISCHARGE IN CAST-A-SEAL BOOT THROUGH WALL
2	1	NEMA 4X JUNCTION BOX w/ LIQUID TITE CONNECTORS
	1	2" SCH 80 PVC CONDUIT, CAST-A-SEAL BOOT THROUGH WALL
3	1	6'-10" ALUMINUM LADDER w/ (X) WALL MOUNTS, (2) FLOOR MOUNTS
	1	ALUMINUM LADDER UP SAFETY DEVICE, POST TYPE
	4	5/8" STAINLESS ANCHOR BOLT
	4	5/8" STAINLESS WASHER
	4	5/8" STAINLESS NUT
4	1	30" x 30" ALUM. HATCH, SPRING ASSIST, USF TPS 3030
5	1	4", 6" OR 8" DOUBLE CHECK DETECTOR ASSEMBLY
6	2	4", 6" OR 8" DIA. CIS & 'X' VALVE
7	2	4", 6" OR 8" DIA. x VARIES D.I. PIPE
8	2	CUSTOM STEEL RESTRAINING PLATE, ASPHALTIC PRIMER COATED
	4	3/4" SS ALL THREAD, NUTS, LOCK AND FLAT WASHERS
	4	EYE LUGS
	2	JAM SEAL w/ CIRCUIT EACH SIDE
9	2	100% STAINLESS STEEL PIPE SUPPORT

CITIZENS WATER
STANDARD PRACTICE
REVISION DATE: 10/03/2019 ISSUE DATE: 12/31/2019
4' X 8' X 7' VAULT FOR BACKFLOW PREVENTION
Y.4

A1
C-704

1. Fire Service Vaults must be designed to protect the installed equipment from movement of earth, freezing, and the accumulation of water.
2. A permanently mounted sump is required in the fire service vault, with permanent electrical wiring to the fire service vault.
3. The sump pump discharge must be plumbed to discharge to an open area so excessive water discharge is noted – the sump pump may not be plumbed directly to sanitary or storm drains.
4. A disconnect for the sump pump must be located outside the fire service vault so the sump pump can be shut off prior to entering the fire service vault.
5. All valves (Post Indicating Valves and OS&Y valves) in the fire service vault must have electronic tamper switches connected to the fire alarm system. Valves in the fire service vault do not have to be individually addressable.
6. Fire Department Connection (FDC) requirements (Please see the separate FDC Specification Sheet for additional requirements):
   a. A fire service vault serving a fire pump may not have the FDC located in the fire service vault.
   b. A fire service vault serving only fire hydrants (no sprinkler system) may not have a FDC in the fire service vault.
   c. All other fire service vault configurations require a FDC in the fire service vault, installed in accordance with the FDC Specifications Sheet.
7. Post Indicating Valve (PIV) requirements:
   a. A fire service vault serving only fire hydrants (no sprinkler system) may not have a PIV in the fire service vault.
   b. A fire service vault serving an NFPA 13R sprinkler system is not required to have a PIV (optional).

NOBLESVILLE FIRE DEPARTMENT
FIRE SERVICE VAULT SPECIFICATIONS

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL
333 North Alabama Street
Suite 200
Indianapolis, IN 46204
317.299.7500
FAX: 317.291.5805

meijer
2929 WALKER AVENUE
GRAND RAPIDS, MICHIGAN 49544
(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

NOBLESVILLE DETAILS

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANM

JOB NO.
10021169

C-704

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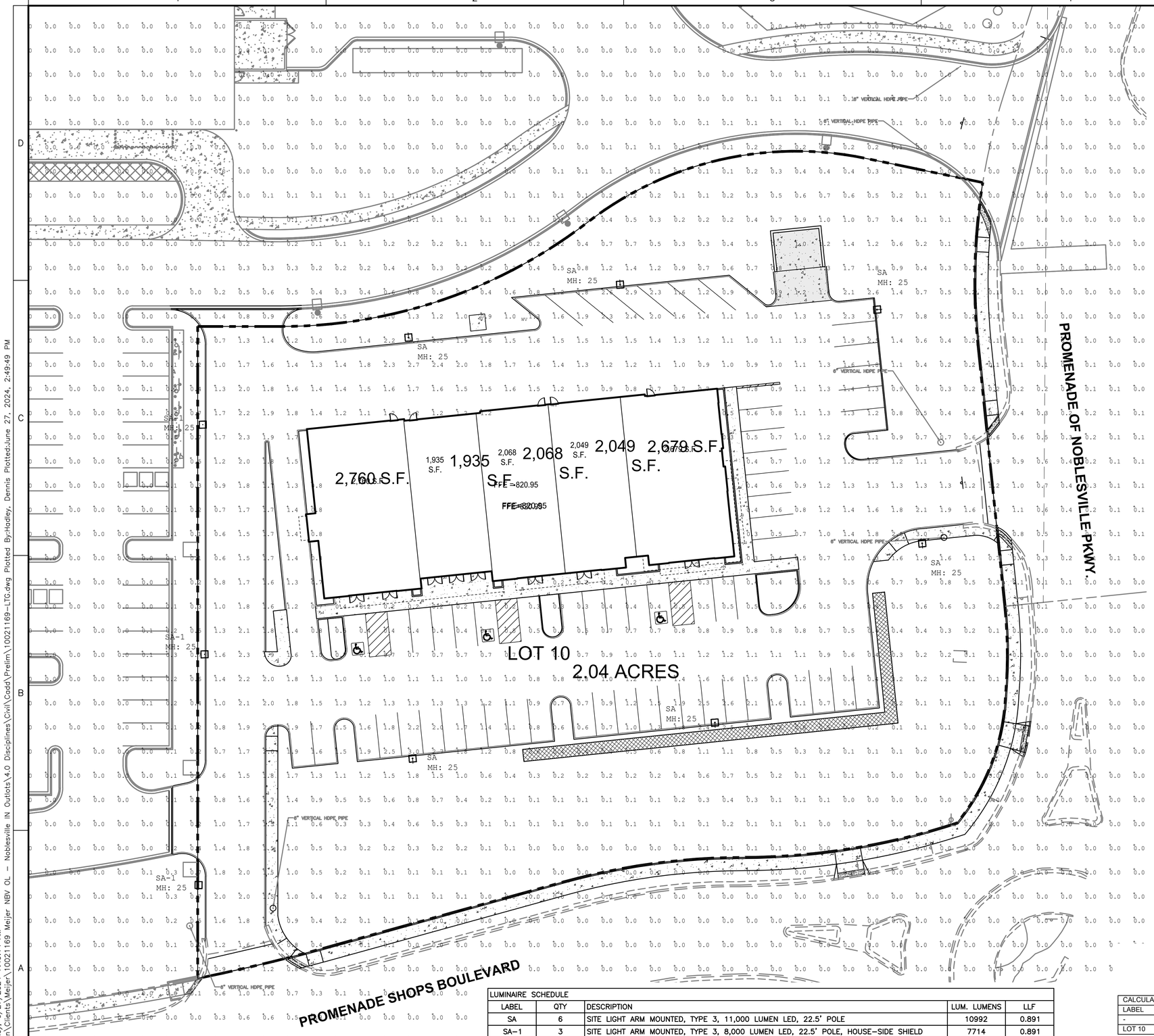
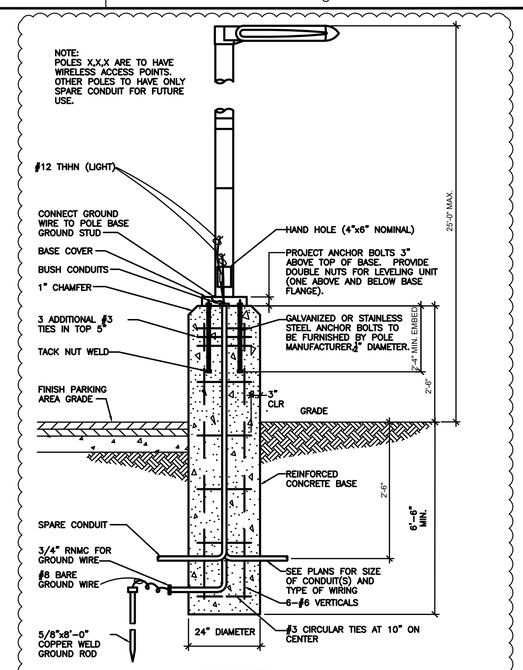
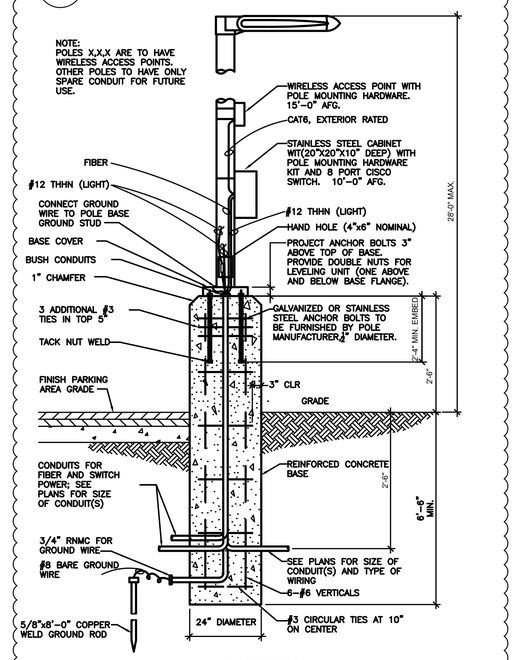


A1 LIGHTING PLAN
1" = 20'

NORTH



C5 RAISED CONCRETE LIGHTING BASE DETAIL
NTS



A5 LIGHT POLE DETAIL
NTS

LUMINAIRE SCHEDULE				
LABEL	QTY	DESCRIPTION	LUM. LUMENS	LLF
SA	6	SITE LIGHT ARM MOUNTED, TYPE 3, 11,000 LUMEN LED, 22.5' POLE	10992	0.891
SA-1	3	SITE LIGHT ARM MOUNTED, TYPE 3, 8,000 LUMEN LED, 22.5' POLE, HOUSE-SIDE SHIELD	7714	0.891

A2 LUMINAIRE SCHEDULE
NTS

CALCULATION SUMMARY					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
-	N.A.	N.A.	N.A.	N.A.	N.A.
LOT 10	0.89	3.0	0.0	N.A.	N.A.

0 20 40 60
GRAPHIC SCALE IN FEET

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meijer
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(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. JACOBS REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

LIGHTING PLAN
LOT 10

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-800

Images: , Xrefs: 10021169-TBLK.dwg; 10021169-p.dwg; 10021169-x.dwg; 10021169-x-NBV survey.dwg; Meijer NBV southeast outlot-photometrics.dwg; Meijer NBV south outlot-photometrics.dwg; Meijer NBV OL - Noblesville IN Outlots\4.0 Disciplines\Civil\Cadd\Prelim\10021169-LTG.dwg Plotted By:Hadley, Dennis Plotted:June 27, 2024, 2:49:49 PM
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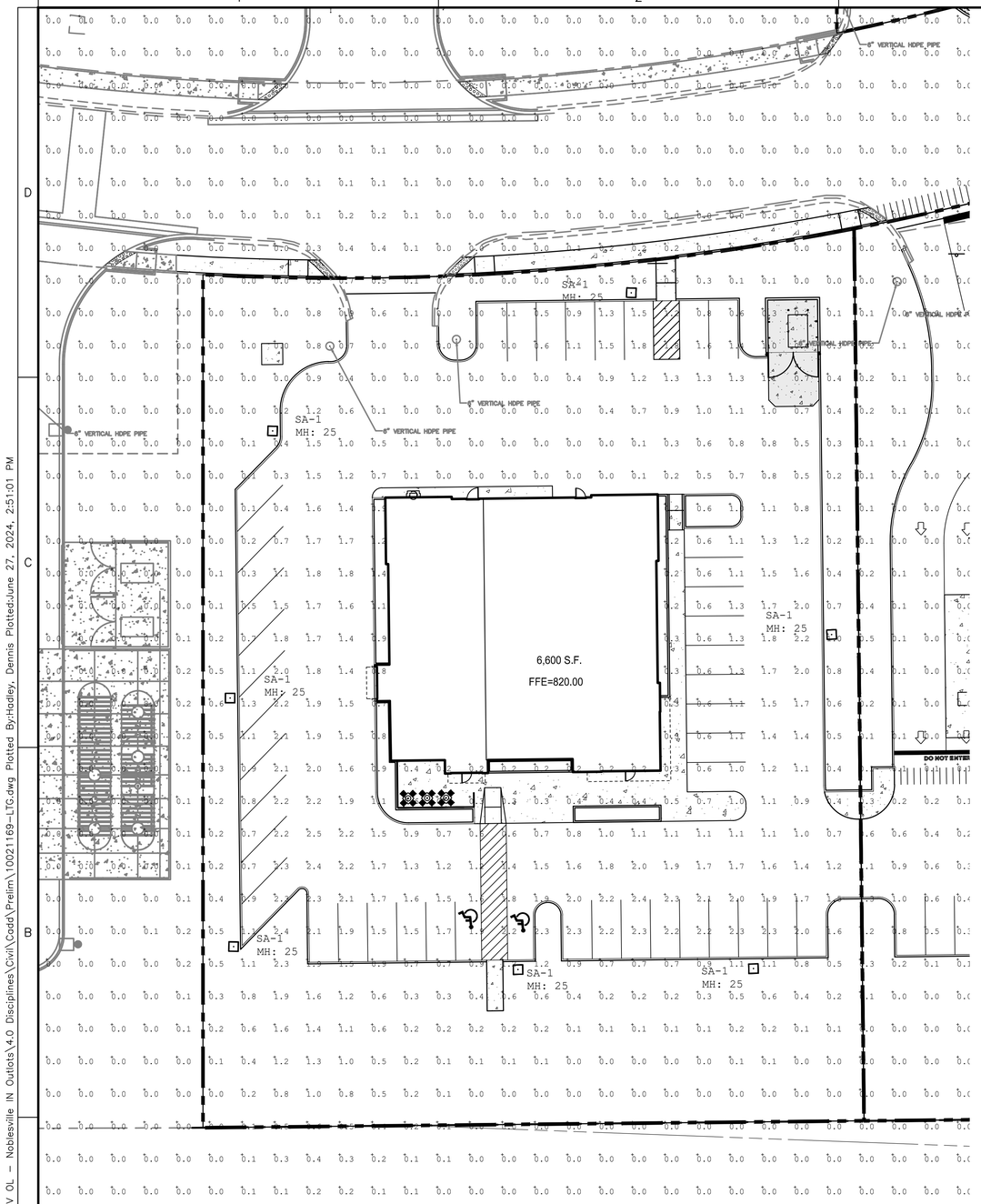


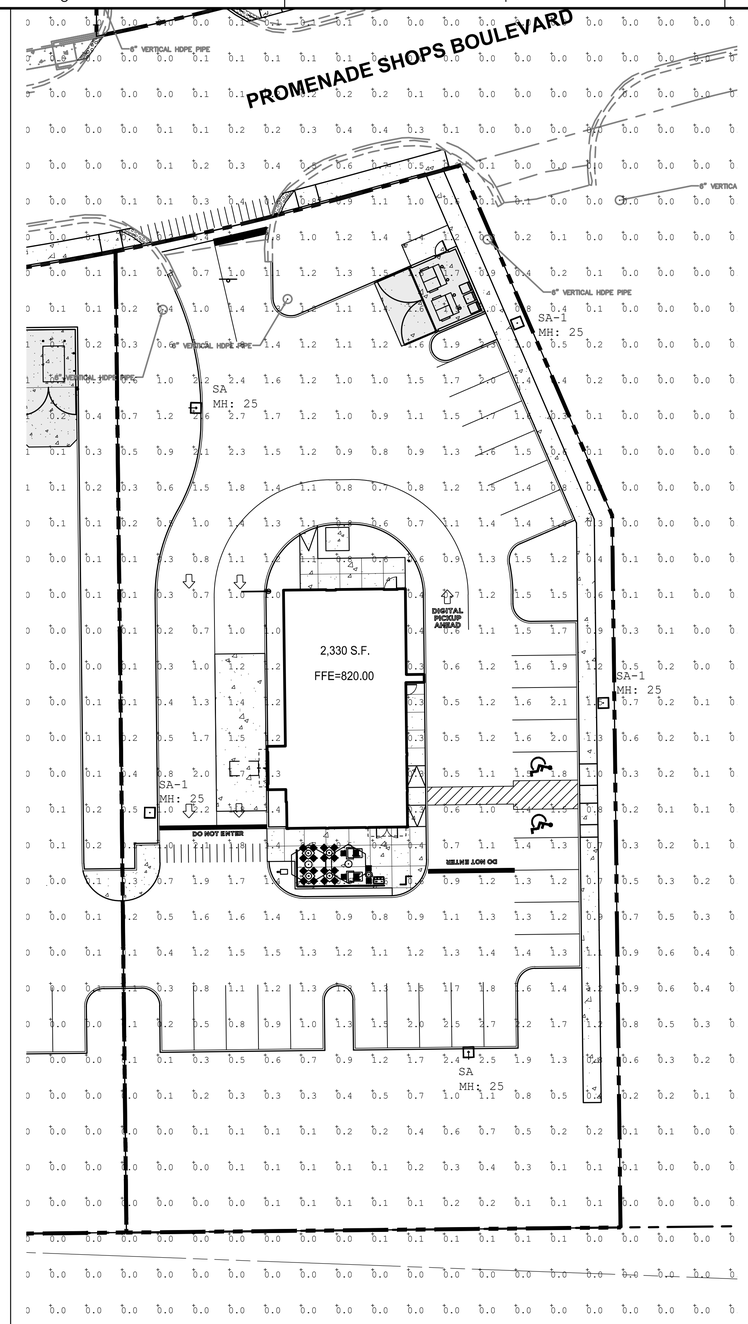
A1 LIGHTING PLAN
1" = 20'

NORTH

CALCULATION SUMMARY					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
-	N.A.	N.A.	N.A.	N.A.	N.A.
LOT 12	0.78	2.5	0.0	N.A.	N.A.

LUMINAIRE SCHEDULE				
LABEL	QTY	DESCRIPTION	LUM. LUMENS	LLF
SA-1	7	SITE LIGHT ARM MOUNTED, TYPE 3, 8,000 LUMEN LED, 22.5' POLE, HOUSE-SIDE SHIELD	7714	0.891

C5 LUMINAIRE SCHEDULE
NTS



A1 LIGHTING PLAN
1" = 20'

NORTH

CALCULATION SUMMARY					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
-	N.A.	N.A.	N.A.	N.A.	N.A.
LOT 13	0.99	2.7	0.0	N.A.	N.A.

LUMINAIRE SCHEDULE				
LABEL	QTY	DESCRIPTION	LUM. LUMENS	LLF
SA	2	SITE LIGHT ARM MOUNTED, TYPE 3, 11,000 LUMEN LED, 22.5' POLE	10992	0.891
SA-1	3	SITE LIGHT ARM MOUNTED, TYPE 3, 8,000 LUMEN LED, 22.5' POLE, HOUSE-SIDE SHIELD	7714	0.891

C5 LUMINAIRE SCHEDULE
NTS

0 20 40 60
GRAPHIC SCALE IN FEET

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REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ABIGAIL S. WALCOBS
REGISTERED
PE11100032
STATE OF INDIANA
PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

LIGHTING PLAN
LOTS 12 AND 13

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO.
10021169

C-801

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1 2 3 4 5

D C B A

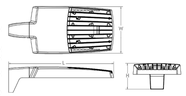
RSX2 LED
Area Luminaire

Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft²@0°): 0.69 ft² (0.06 m²)
Length: 29.3" (74.4 cm) (SPA mount)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body, 7.2" (18.3 cm) Arm
Weight: (SPA mount) 30.0 lbs (13.6 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1 P2 P3 P4 P5 P6	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] XVOLT (277V-480V) [4] **(use specific voltage for options as noted)** 120 [3] 277 [3] 208 [3] 347 [3] 240 [3] 480 [3]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [4] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [4] AARP Adjustable tilt arm round pole mounting [4] AAWB Adjustable tilt arm with wall bracket [4] AAWSC Adjustable tilt arm wall bracket and surface conduit box [4]

Options

Shipped Installed
HS House-side shield [1]
PE Photocontrol, button style [5,6]
PER7 Seven-wire twist-lock receptacle only (no controls) [7, 10, 11]
SF Single fuse (120, 277, 347) [3]
DF Double fuse (208, 240, 480) [3]
SPD20KV 20KV Surge pack (10KV standard)
FAO Field adjustable output [8]
DMG 0-10V dimming extend out back of housing for external control (control ordered separate) [9]
DS Dual switching [12]

Shipped Installed
***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**
NLTAIR2 PIRHN nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor [7, 13, 14, 15]
BAA Buy America(n) Act and/or Build America Buy America Qualified
CCE Coastal Construction [16]
***Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)
EGS External glare shield [7]
EGFV External glare full visor (360° around light aperture) [7]
BS Bird spikes [17]

Finish
DDBXD Dark Bronze
DBLXD Black
DNAXD Natural Aluminum
DWHXD White
DDBTXD Textured Dark Bronze
DBLBXD Textured Black
DNATXD Textured Natural Aluminum
DWHGXD Textured White

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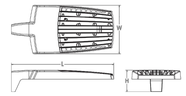
RSX3 LED
Area Luminaire

Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft²@0°): 0.70 ft² (0.07 m²)
Length: 33.8" (85.9 cm) (SPA mount)
Width: 16.1" (40.9 cm)
Height: 3.0" (7.6 cm) Main Body, 7.2" (18.3 cm) Arm
Weight (max): 48.0 lbs (21.8 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX3 delivers 25,000 to 41,000 lumens allowing it to replace 400W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX3 LED P4 40K R3 MVOLT SPA DDBXD

RSX3 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX3 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] XVOLT (277V-480V) [4] **(use specific voltage for options as noted)** 120 [3] 277 [3] 208 [3] 347 [3] 240 [3] 480 [3]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [4] WBA Wall bracket WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [4] AARP Adjustable tilt arm round pole mounting [4] AAWB Adjustable tilt arm with wall bracket [4] AAWSC Adjustable tilt arm wall bracket and surface conduit box [4]

Options

Shipped Installed
HS House-side shield [1]
PE Photocontrol, button style [5,6]
PER7 Seven-wire twist-lock receptacle only (no controls) [7, 10, 11]
CCE Coastal Construction [16]
***Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)
EGS External glare shield [7]
EGFV External glare full visor (360° around light aperture) [7]
BS Bird spikes [17]

Finish
DDBXD Dark Bronze
DBLXD Black
DNAXD Natural Aluminum
DWHXD White
DDBTXD Textured Dark Bronze
DBLBXD Textured Black
DNATXD Textured Natural Aluminum
DWHGXD Textured White

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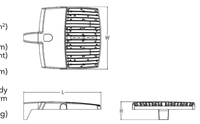
RSX4 LED
Area Luminaire

Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA (ft²@0°): 0.69 ft² (0.07 m²)
Length: 30.9" (78.5 cm) (SPA mount)
Width: 25.0" (63.5 cm)
Height: 3.0" (7.6 cm) Main Body, 7.2" (18.4 cm) Arm
Weight (max): 65 lbs (29.5 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX4 delivers 40,000 to 70,000 lumens allowing it to replace up to (2) 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX4 LED P6 40K R3 MVOLT SPA DDBXD

RSX4 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX4 LED	P1 P2 P3 P4 P5 P6	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] XVOLT (277V-480V) [4] **(use specific voltage for options as noted)** 120 [3] 277 [3] 208 [3] 347 [3] 240 [3] 480 [3]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90° and 2 at 180°) RPA Round pole mounting (3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) ESPA Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°. Requires 3.0" min. square pole for 1 at 90°. [4] ERPA Required for mounting RSX4 in 2,3,4 at 90°. Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°. [4] MA Mast arm adapter (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [7] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [7] AARP Adjustable tilt arm round pole mounting [7] AAWB Adjustable tilt arm with wall bracket [7] AAWSC Adjustable tilt arm wall bracket and surface conduit box [7]

Options

Shipped Installed
HS House-side shield [1]
PE Photocontrol, button style [5,6]
PER7 Seven-wire twist-lock receptacle only (no controls) [10, 11, 12]
SF Single fuse (120, 277, 347) [3]
DF Double fuse (208, 240, 480) [3]
SPD20KV 20KV Surge pack (10KV standard)
FAO Field adjustable output [18]
DMG 0-10V dimming extend out back of housing for external control (control ordered separate) [19]
DS Dual switching [18,12]

Shipped Installed
***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**
NLTAIR2 PIRHN nLight AIR generation 2, with Networked Bi-Level motion/ambient sensor [10, 14, 15, 16]
BAA Buy America(n) Act Compliant
CCE Coastal Construction [17]
***Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)
EGS External glare shield [7]
EGFV External glare full visor (360° around light aperture) [7]
BS Bird spikes [18]

Finish
DDBXD Dark Bronze
DBLXD Black
DNAXD Natural Aluminum
DWHXD White
DDBTXD Textured Dark Bronze
DBLBXD Textured Black
DNATXD Textured Natural Aluminum
DWHGXD Textured White

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(616) 453-6711

REV.	DATE	DESCRIPTION
1	06/27/24	PC TAC COMMENTS

ANGAS S. JACOBS REGISTERED PE11100032 STATE OF INDIANA PROFESSIONAL ENGINEER
6/27/24

MEIJER STORE #628 OUTLOTS
6010 PROMENADE SHOPS BOULEVARD
NOBLESVILLE, INDIANA

SITE ELECTRICAL DETAILS

ISSUED FOR:	
PERMIT	05/22/24
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER	DESIGNER
BLS	ANR

JOB NO. 10021169

C-802