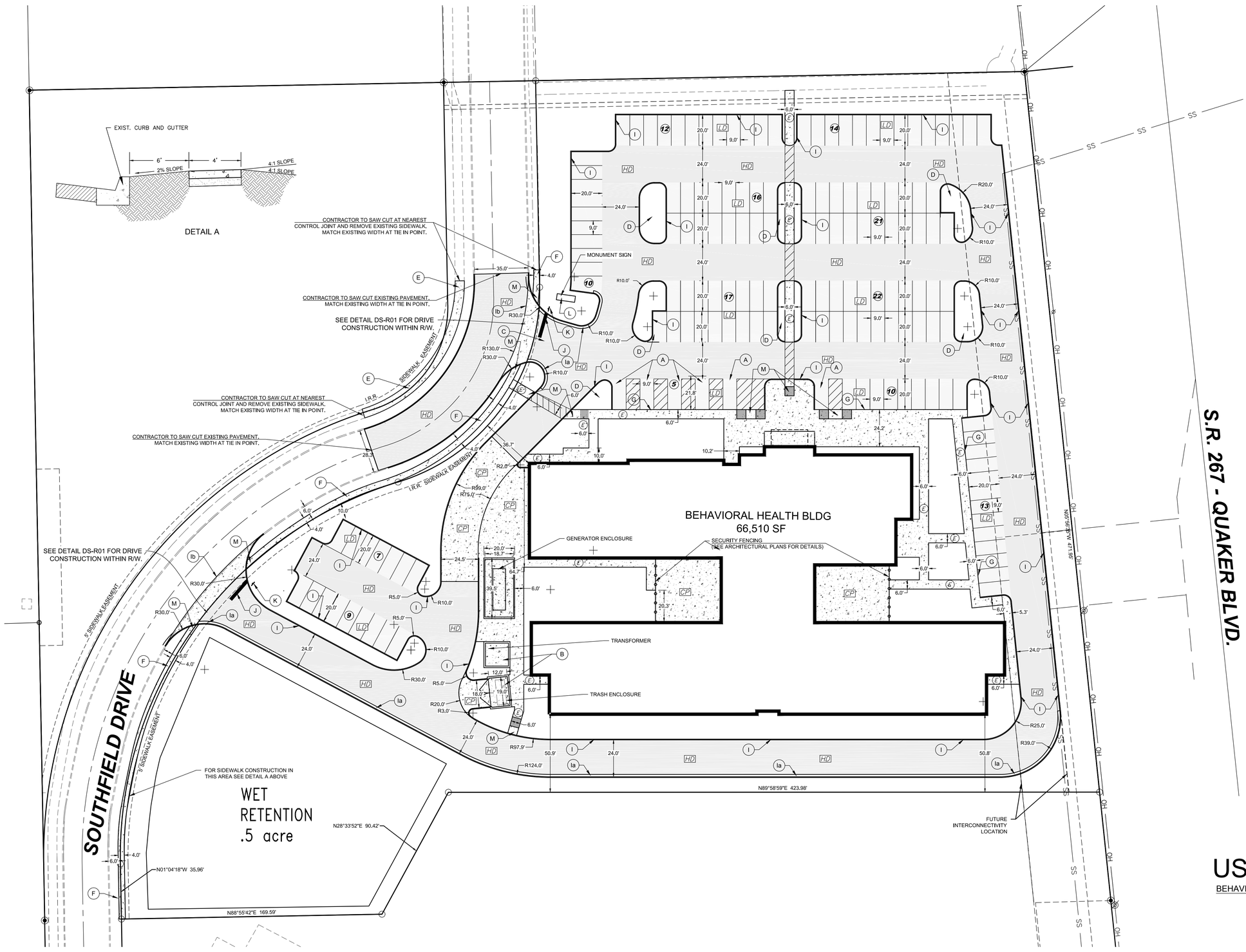


LEGEND

PROPOSED

A	–	A.D.A. SPACES (SEE DETAIL)
B	–	CONCRETE PAD (FOR DUMPSTER AREA)
C	–	PROPOSED ENTRY DRIVE
D	–	LANDSCAPE ISLAND
E	–	6" CONCRETE SIDEWALK
F	–	4' CONCRETE SIDEWALK
G	–	INTEGRAL CONCRETE CURB AND SIDEWALK
I	–	6" STRAIGHT CURB
Ia	–	CONCRETE CURB AND GUTTER
Ib	–	SEE DETAIL DS-R01
J	–	STOP BAR
K	–	STOP SIGN
L	–	PROPOSED PROJECT SIGNAGE
M	–	PROPOSED ADA RAMP
HD	–	PROPOSED HEAVY DUTY PAVEMENT
LD	–	PROPOSED LIGHT DUTY PAVEMENT
CP	–	PROPOSED CONCRETE PAVEMENT

EXISTING

	–	EASEMENT LINE
□	–	MONUMENT FOUND

US HealthVest

BEHAVIORAL HEALTHCARE REDEFINED

32 EAST 57th STREET
17th FLOOR
NEW YORK, NY 10022
212-243-5565

ALL CURB RADII ARE FIVE (5) FOOT TO THE FACE OF THE CURB UNLESS OTHERWISE SHOWN

DATE: 01-05-2018
DRAWN: R.A.K.
FILE: 1637
LOCATION: PLAINFIELD GUILFORD
TWP: 36-15N-1E
SEC: HENDRICKS
CO:
SHEET: C4

SITE PLAN

LOT 2
REPLAT OF THE SECONDARY PLAT
"PLAINFIELD MEDICAL OFFICE SUBDIVISION"

DALE T. KRUSE
REGISTERED
No. PE10100197
STATE OF INDIANA
PROFESSIONAL ENGINEER

KRUSE CONSULTING
Civil Engineers & Land Surveyors
7384 Business Center Drive
Avon, Indiana 46123-9531
(317) 272-5508 • Fax: (317) 272-2410

CAUTION!
CONTRACTOR TO VERIFY ALL EXISTING UNDERGROUND UTILITIES, PIPES, STRUCTURES AND SERVICES WITH ALL APPLICABLE UTILITY COMPANIES PRIOR TO CONSTRUCTION. THE LOCATIONS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THERE MAY ALSO BE OTHER UTILITIES, PIPES, STRUCTURES AND SERVICES NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES, PIPES, STRUCTURES AND SERVICES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF ANY DISCREPANCY.
811

NO.	DATE	ISSUE/REVISED	BY

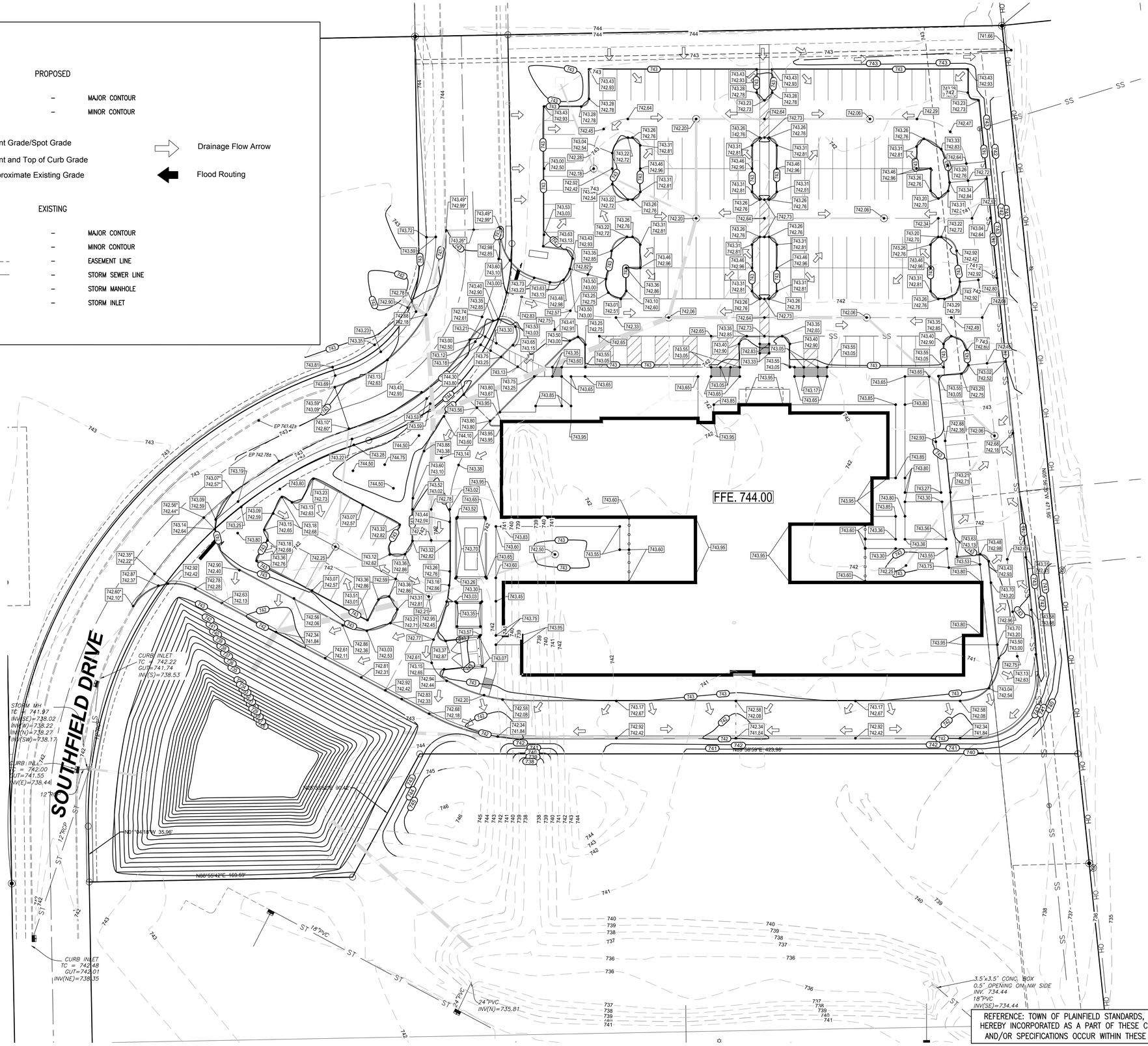
LEGEND

PROPOSED

- MAJOR CONTOUR
- MINOR CONTOUR
- 000.00 — Proposed Pavement Grade/Spot Grade
- 000.00 / 000.00 — Proposed Pavement and Top of Curb Grade
- 000.00* — Spot Grade @ Approximate Existing Grade
- Drainage Flow Arrow
- Flood Routing

EXISTING

- MAJOR CONTOUR
- MINOR CONTOUR
- EASEMENT LINE
- STORM SEWER LINE
- STORM MANHOLE
- STORM INLET



SCALE: 1" = 30'

US HealthVest

BEHAVIORAL HEALTHCARE REDEFINED
32 EAST 57th STREET
17th FLOOR
NEW YORK, NY 10022
212-243-5565

REFERENCE: TOWN OF PLAINFIELD STANDARDS, HAVING AN ISSUANCE DATE OF 04/18/2017 ARE HEREBY INCORPORATED AS A PART OF THESE CONSTRUCTION PLANS. WHERE CONFLICTING DETAILS AND/OR SPECIFICATIONS OCCUR WITHIN THESE PLANS, THE TOWN'S PROVISIONS SHALL PREVAIL.

DATE:	01-05-2018
DRAWN:	R.A.K.
FILE:	1637
LOCATION:	PLAINFIELD GUILFORD
TWP:	36-15N-1E
SEC:	HENDRICKS
CO:	

SHEET: C5

GRADING PLAN

LOT2
REPLAT OF THE SECONDARY PLAT
"PLAINFIELD MEDICAL OFFICE SUBDIVISION"

REGISTERED PROFESSIONAL ENGINEER
DALE T. KRUSE
No. PE10100197
STATE OF INDIANA

DALE T. KRUSE
P.E. No. PE10100197
STATE OF INDIANA

KRUSE CONSULTING
Civil Engineers & Land Surveyors
7384 Business Center Drive
Avon, Indiana 46123-9531
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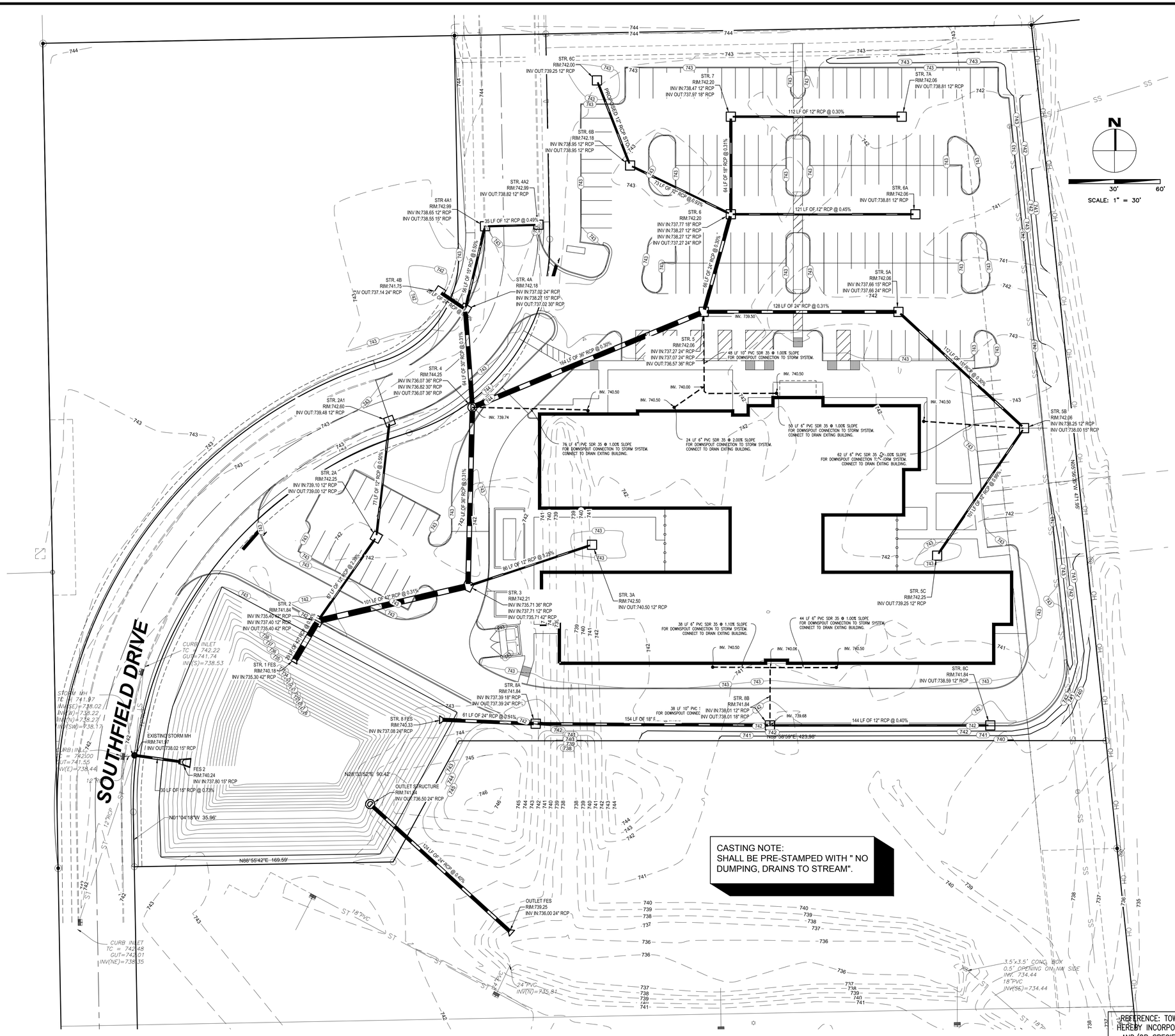
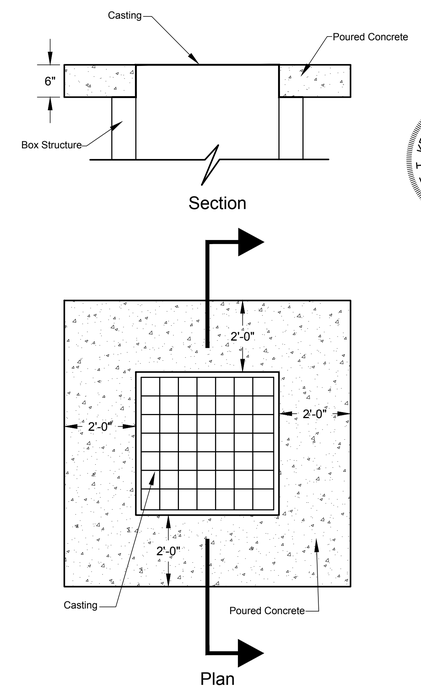
DISCLAIMER:
THE CONTRACTOR, AT ALL COSTS, SHALL PROTECT ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES AT LEAST TWO WORKING DAYS PRIOR TO BEGINNING WORK TO ARRANGE FOR THE PROTECTION OF EXISTING UTILITIES. THE CONTRACTOR SHALL ALSO CONTACT THE UTILITY COMPANIES AT LEAST TWO WORKING DAYS PRIOR TO COMPLETION OF WORK TO ARRANGE FOR THE RESTORATION OF UTILITY SERVICES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

811

NO.	DATE	ISSUE/REVISED	BY



STRUCTURE DATA		
STRUCTURE NUMBER	TYPE	CASTING
1	42" FES	N/A
2	MODIFIED TYPE "B" CATCH BASIN	NEENAH R-3287-10V
2A	TYPE "A" CATCH BASIN	NEENAH R-3405
2A1	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
3	MODIFIED TYPE "A" CATCH BASIN	NEENAH R-3405
3A	TYPE "E" INLET	NEENAH R-4215-C
4	TYPE "K" MANHOLE	NEENAH R-1642
4A	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
4A1	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
4A2	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
4B	TYPE "E" INLET	NEENAH R-4215-C
5	MODIFIED TYPE "A" CATCH BASIN	NEENAH R-3405
5A	MODIFIED TYPE "A" CATCH BASIN	NEENAH R-3405
5B	TYPE "A" CATCH BASIN	NEENAH R-3405
5C	TYPE "E" INLET	NEENAH R-4215-C
6	MODIFIED TYPE "A" CATCH BASIN	NEENAH R-3405
6A	TYPE "A" CATCH BASIN	NEENAH R-3405
6B	TYPE "A" CATCH BASIN	NEENAH R-3405
6C	TYPE "E" INLET	NEENAH R-4215-C
7	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
7A	TYPE "A" CATCH BASIN	NEENAH R-3405
8	TYPE "A" CATCH BASIN	NEENAH R-3405
8A	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
8B	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
8C	TYPE "B" CATCH BASIN	NEENAH R-3287-10V
OUTLET STRUCTURE	36"X36" I.D. PRECAST CATCH BASIN	NEENAH R4215-C
OUTLET FES	24" FES	
FES 2	15" FES	



Concrete Collar for Storm Inlets in Pavement
NTS

US HealthVest

BEHAVIORAL HEALTHCARE REDEFINED
32 EAST 57th STREET
17th FLOOR
NEW YORK, NY 10022
212-243-5565

REFERENCE: TOWN OF PLAINFIELD STANDARDS, HAVING AN ISSUANCE DATE OF 04/18/2017 ARE HEREBY INCORPORATED AS A PART OF THESE CONSTRUCTION PLANS. WHERE CONFLICTING DETAILS AND/OR SPECIFICATIONS OCCUR WITHIN THESE PLANS, THE TOWN'S PROVISIONS SHALL PREVAIL.

DATE: 01-05-2018
DRAWN: R.A.K.
FILE: 1837
LOCATION: PLAINFIELD GULFFORD 36-15N-1E HENDRICKS
TWP:
SEC:
CO:
SHEET: C9

DRAINAGE PLAN

LOT2
REPLAT OF THE SECONDARY PLAT
"PLAINFIELD MEDICAL OFFICE SUBDIVISION"

REGISTERED PROFESSIONAL ENGINEER
DALE T. KRUSE
No. PE10100197
STATE OF INDIANA

KRUSE CONSULTING
Civil Engineers & Land Surveyors
7384 Business Center Drive
Avon, Indiana 46123-9531
(317) 272-5308 • Fax: (317) 272-2410

CAUTION:
CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND. ENGINEER SHALL BE NOTIFIED PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR ANY WORK DONE WITHOUT ENGINEER'S APPROVAL. CONTRACTOR SHALL INDEMNIFY THE ENGINEER AGAINST ALL CLAIMS ARISING FROM THE WORK DONE WITHOUT ENGINEER'S APPROVAL.
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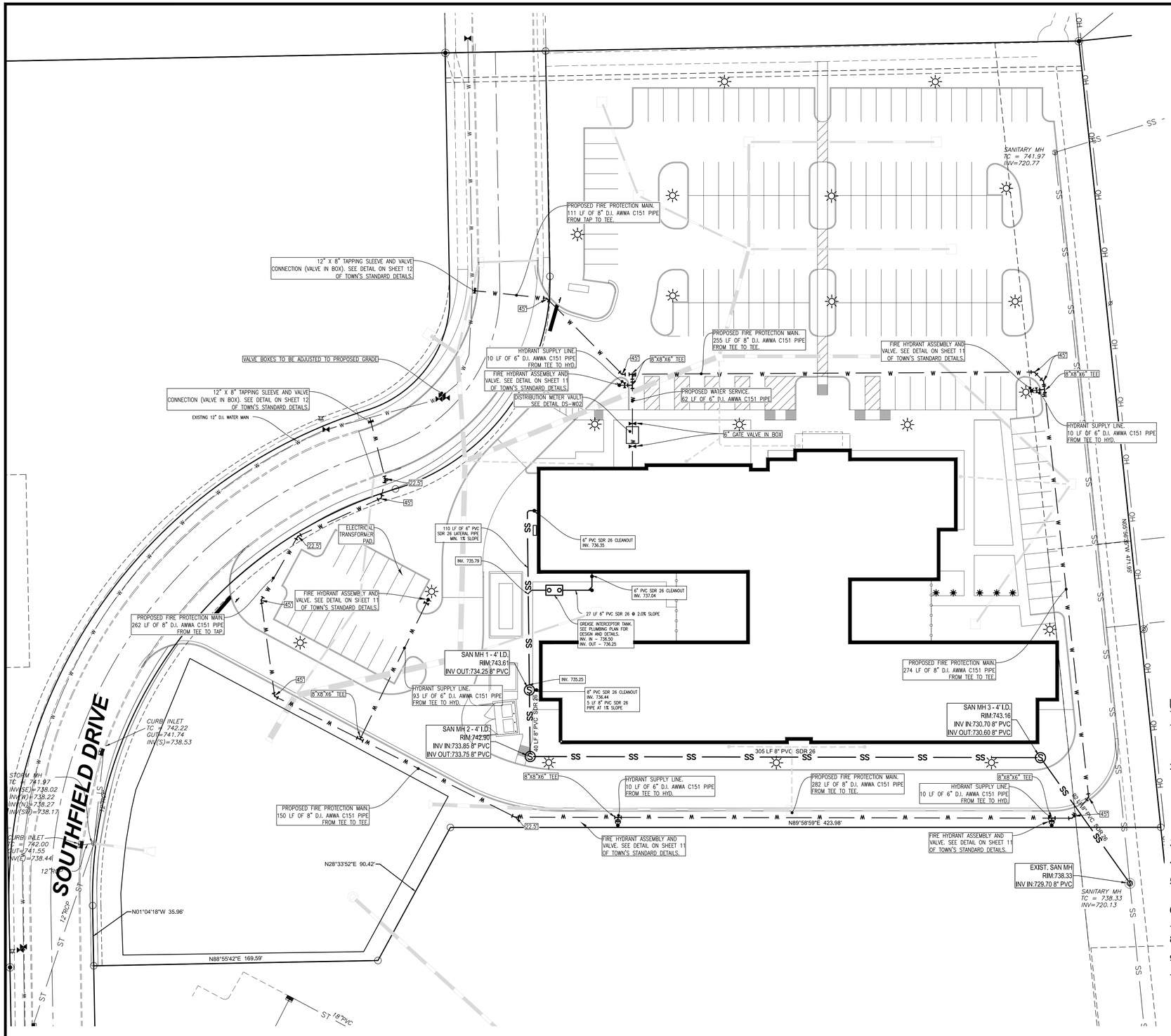
811 IT'S THE LAW

NO.	DATE	ISSUE/REVISED	BY



LEGEND

		PROPOSED
W	–	WATER SERVICE
SS	–	SANITARY SEWER SERVICE
		EXISTING
	–	EASEMENT LINE
OHU	–	OVERHEAD UTILITY LINE
ST	–	STORM SEWER LINE
S	–	SANITARY SEWER LINE
W	–	WATERLINE
T	–	UNDERGROUND TELEPHONE LINE
E	–	UNDERGROUND ELECTRIC
FM	–	SANITARY FORCEMAIN
	–	WATER VALVE
W	–	WATER METER
	–	FIRE HYDRANT
	–	UTILITY POLE
	–	GUY ANCHOR
	–	UTILITY POLE W/LIGHT
	–	LIGHT POLE
	–	YARD LIGHT
TS	–	TELEPHONE STRUCTURE
TSC	–	TRAFFIC SIGNAL CONTROLLER
TS	–	TRAFFIC SIGNAL MANHOLE
S	–	SANITARY MANHOLE
CO	–	CLEANOUT
HH	–	HANDHOLE
	–	SIGN
	–	POST
E	–	ELECTRIC METER
ET	–	ELECTRIC TRANSFORMER
MB	–	MAIL BOX
E	–	ELECTRIC MANHOLE
AC	–	AIR CONDITIONING UNIT
	–	MAST ARM POLE
	–	WATER SPIGOT
W	–	WATER MANHOLE
W	–	WELL
ST	–	STORM MANHOLE
	–	STORM INLET
	–	RIGHT OF WAY MONUMENT
	–	REBAR W/CAP STAMPED "BANNING ENGINEERING FIRM #0060" SET

N

30' 60'

SCALE: 1" = 30'

UTILITY PLAN GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO THE PHASE OF WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY.
2. ALL MATERIALS AND CONSTRUCTION FOR SANITARY SEWERS SHALL BE IN ACCORDANCE WITH TOWN OF PLAINFIELD STANDARDS AND SPECIFICATIONS. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL LOCATE THE TERMINUS OF THE SERVICE LATERAL, HORIZONTALLY AND VERTICALLY, TO CONFIRM THAT THE PROPOSED USAGE CAN BE SERVED BY GRAVITY FLOW. CONTRACTORS FINDING SHALL BE REPORTED TO THE OFFICE OF KRUSE CONSULTING, INC. FOR DETERMINATION OF SLOPE OF THE SERVICE LATERAL AND INVERT ELEVATIONS AT THE PROPOSED CLEANOUT. THE MINIMUM SLOPE OF SANITARY LATERALS IS $\frac{1}{4}$" PER FOOT. IF THIS CANNOT BE ACHIEVED, A PRIVATE GRINDER PUMP SHALL BE REQUIRED.
3. ALL MATERIALS AND CONSTRUCTION FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH TOWN OF PLAINFIELD STANDARDS AND SPECIFICATIONS.
4. ALL MATERIALS AND CONSTRUCTION FOR WATER MAINS SHALL BE IN ACCORDANCE WITH TOWN OF PLAINFIELD STANDARDS AND SPECIFICATIONS.
5. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVED AREAS SHALL BE BACKFILLED IN ACCORDANCE WITH TOWN OF PLAINFIELD STANDARDS AND SPECIFICATIONS.
6. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION IS TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
7. PROPOSED WATER SERVICE LATERAL IS TO HAVE 54" MINIMUM COVER OVER THE TOP OF PIPE.
8. PROPOSED WATER SERVICE LATERAL TO BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING.
9. STERILIZATION OF PROPOSED WATER SERVICES SHALL BE IN ACCORDANCE WITH THE STATE BOARD OF HEALTH STANDARDS AND SPECIFICATIONS.
10. SEE ARCHITECTURAL PLANS FOR ANY ADDITIONAL UTILITY SERVICE DETAILS.

US HealthVest

BEHAVIORAL HEALTHCARE REDEFINED

32 EAST 57th STREET
17th FLOOR
NEW YORK, NY 10022
212-243-5565

REFERENCE: TOWN OF PLAINFIELD STANDARDS, HAVING AN ISSUANCE DATE OF 04/18/2017 ARE HEREBY INCORPORATED AS A PART OF THESE CONSTRUCTION PLANS. WHERE CONFLICTING DETAILS AND/OR SPECIFICATIONS OCCUR WITHIN THESE PLANS, THE TOWN'S PROVISIONS SHALL PREVAIL.

DATE:	01-05-2018
DRAWN:	R.A.K.
FILE:	1837
LOCATION:	PLAINFIELD
TWP:	GUILFORD
SEC:	36-15N-1E
CO:	HENDRICKS

SHEET: C7

UTILITY PLAN

LOT2
REPLAT OF THE SECONDARY PLAT
"PLAINFIELD MEDICAL OFFICE SUBDIVISION"

REGISTERED DALE T. KRUSE No. PE10100197 STATE OF INDIANA PROFESSIONAL ENGINEER

DALE T. KRUSE
P.E. No. PE10100197
STATE OF INDIANA

KRUSE CONSULTING
Civil Engineers & Land Surveyors
7384 Business Center Drive
Avon, Indiana 46123-9531
(317) 272-5308 • Fax: (317) 272-2410

GENERAL:
CONTRACTOR SHALL VERIFY ALL UTILITIES, SURFACE AND SUBSURFACE, PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE FOUND. ALL UTILITIES SHOWN ARE BASED ON ACTUAL FIELD SURVEY OR PLANS OF RECORD. ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE FOUND. CONTRACTOR SHALL PROTECT ALL UTILITIES DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES AT HIS EXPENSE. CONTRACTOR SHALL NOTIFY ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION. CALL 811 BEFORE YOU DIG.

811

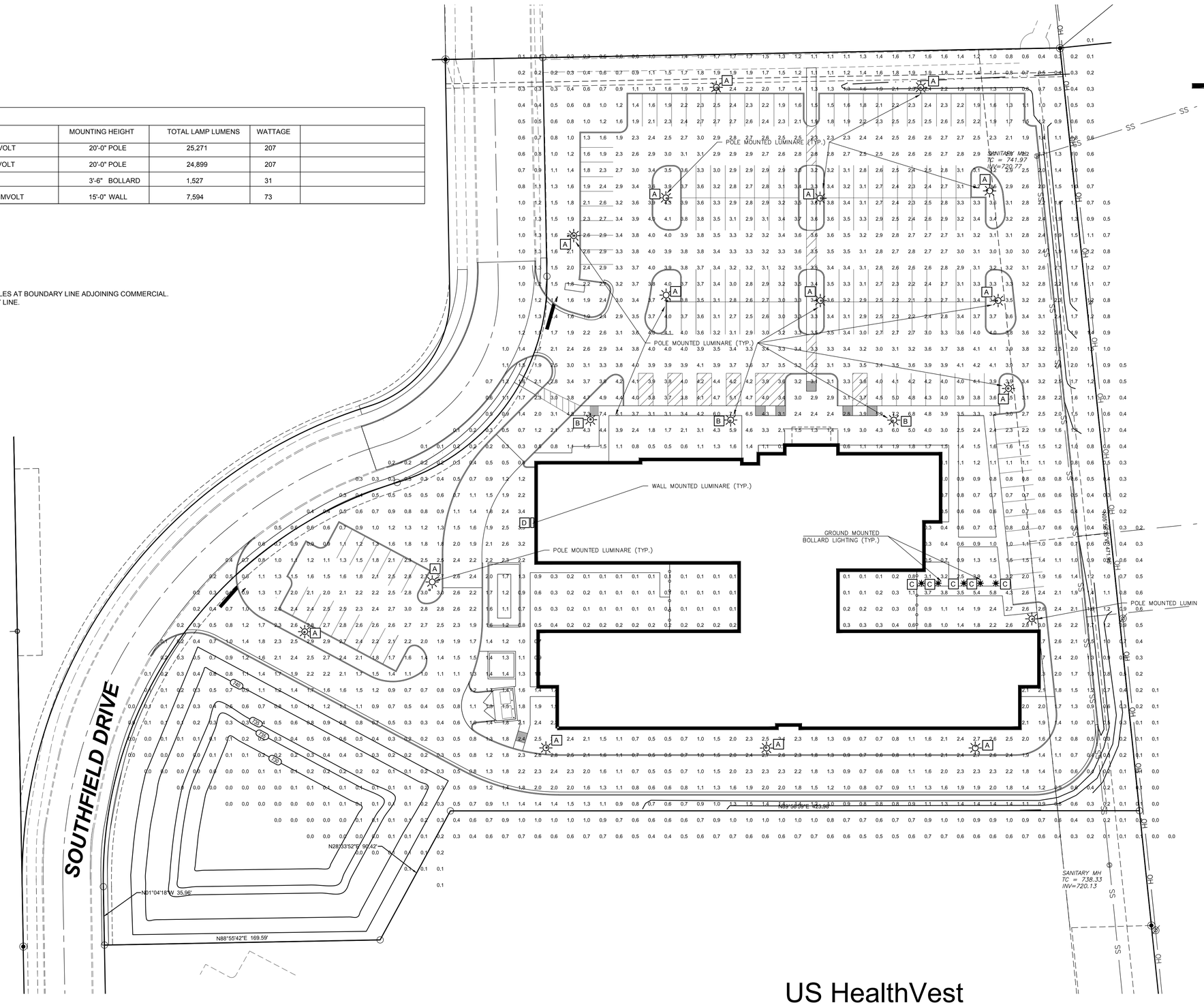
NO.	DATE	ISSUE/REVISED	BY

LUMINARE SCHEDULE						
LIGHT	QUANTITY	DESCRIPTION	MOUNTING HEIGHT	TOTAL LAMP LUMENS	WATTAGE	
A	16	DSX 1 LED 60C 1000 50K TW5 MVOLT	20'-0" POLE	25,271	207	
B	3	DSX 1 LED 60C 1000 50K T4M MVOLT	20'-0" POLE	24,899	207	
C	5	KBD8 32TRT 16C 700 40K SYM	3'-6" BOLLARD	1,527	31	
D	1	DSXW2 LED 20C 1000 40K TFTM MVOLT	15'-0" WALL	7,594	73	

LUMINARE STATISTICS

AVERAGE - 1.6 FC
MAXIMUM - 7.4 FC
MINIMUM - 0.0 FC

COMMERCIAL LIGHTING REQUIREMENTS - TWO (2) FOOT CANDLES AT BOUNDARY LINE ADJOINING COMMERCIAL.
PROVIDED - LESS THAN TWO (2) FOOT CANDLES AT BOUNDARY LINE.



US HealthVest

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DATE: 01-05-2018
DRAWN: R.A.K.
FILE: 1637
LOCATION: PLAINFIELD GULFORD 36-15N-1E HENDRICKS
TWP:
SEC:
CO:
SHEET: LT1

LIGHTING PHOTOMETRIC PLAN

LOT2
REPLAT OF THE SECONDARY PLAT
"PLAINFIELD MEDICAL OFFICE SUBDIVISION"

DALE T. KRUSE
P.E. No. PE10100197
STATE OF INDIANA

REGISTERED No. PE10100197 STATE OF INDIANA PROFESSIONAL ENGINEER

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CAUTION:
CONTRACTOR, ALL ELECTRIC, TELEPHONE, CABLE TV AND ALL OTHER UTILITIES SHOWN ARE BASED ON FIELD SURVEY DATA AND/OR PRELIMINARY UTILITY MAPS. THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND SIZE OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND. CONTACT THE UTILITY COMPANIES 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. CALL 811 OR 1-800-382-5544 TO REQUEST UTILITY MARKING. CONTACT INDIANA UTILITY REPORTING SERVICE AT 1-800-382-5544 TO REPORT ANY DAMAGE, INJURY OR UNSAFE CONDITIONS OBSERVED DURING CONSTRUCTION. CONTACT THE UTILITY OWNER IMMEDIATELY. FAILURE TO NOTIFY THE UTILITY OWNER MAY RESULT IN FINES AND/OR DAMAGES. SEC. 1126(b)(2)(A).

811 CALL BEFORE YOU DIG

NO.	DATE	ISSUE/REVISED	BY