



SITE USGS AND LOCATION MAP
U.S.G.S. 7.5 TOPOGRAPHIC MAP FOR GRAY SUMMIT QUADRANGLE, MISSOURI
DATED 2017, SCALE: 1" = 2,000'

DEVELOPER
DAP PRODUCTS, INC.
13555 JUPITER ROAD
DALLAS, TX 75238
CONTACT: BEN MCINTOSH
PHONE: 214-399-8900

CIVIL ENGINEER
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
3000 LITTLE HILLS EXPRESSWAY, SUITE 102
ST. CHARLES, MO 63301
PHONE: (314) 656-4566
FAX: (314) 656-4595

ARCHITECT
VERVE DESIGN STUDIO
KURT KRUEGER, PRINCIPAL
1558 S. BROADWAY
ST. LOUIS, MO 63104
PHONE: (314) 822-4007
MOBILE: (314) 520-1907

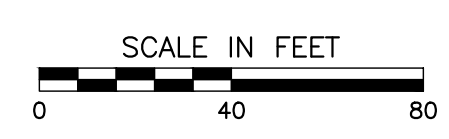
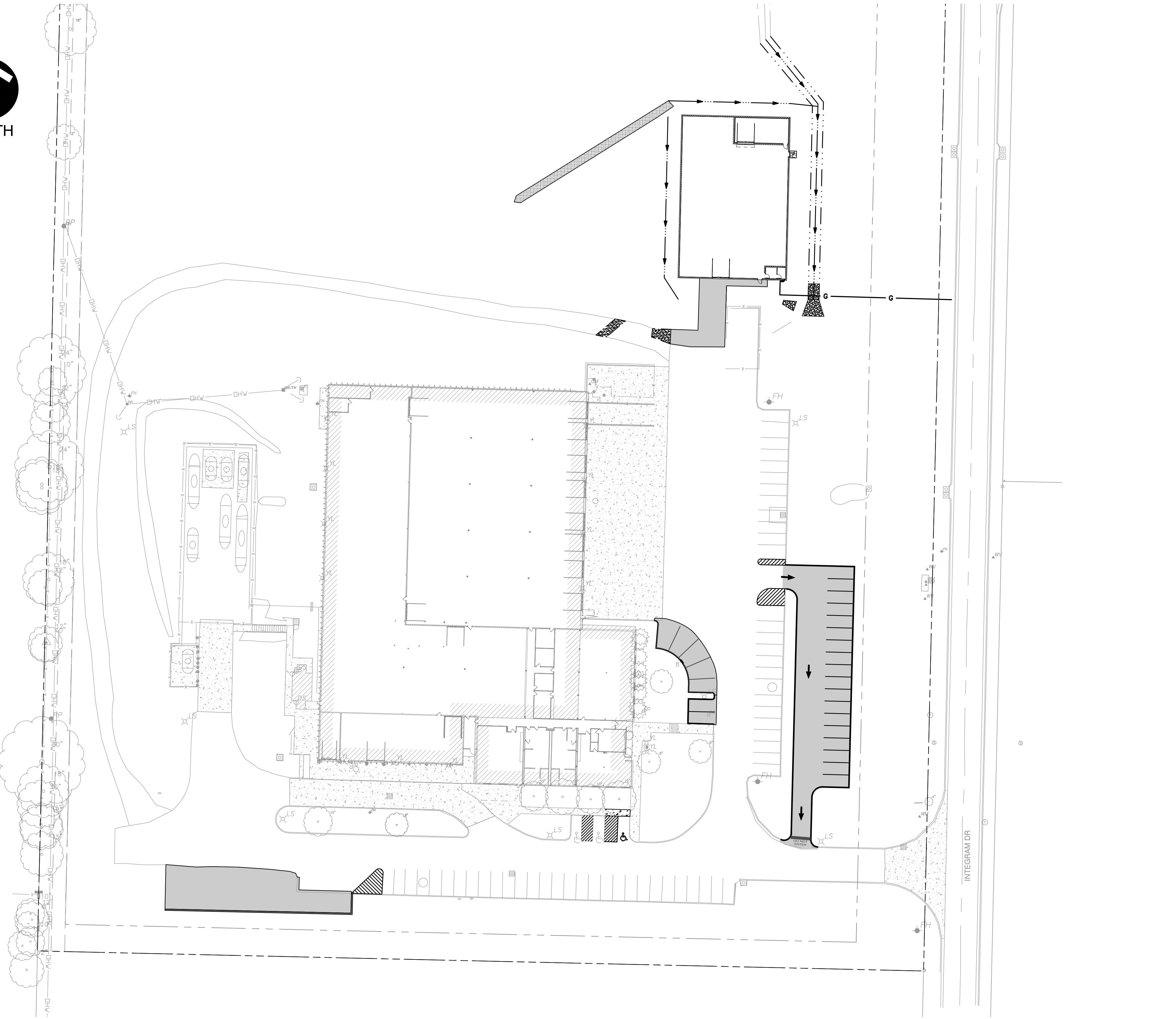
Sheet List Table		
NO.	NAME	TITLE
01	C000	COVER SHEET
02	C100	EXISTING CONDITIONS/ DEMOLITION PLAN
03	C200	SITE / UTILITY PLAN
04	C201	SITE / UTILITY PLAN
05	C300	GRADING PLAN
06	C301	GRADING PLAN
07	C800	DETAILS
08	HYD1	EXISTING DRAINAGE AREA MAP
09	HYD2	PROPOSED DRAINAGE AREA MAP

- DEVELOPMENT NOTES:**
1. PARCEL ID: 9-2-10.0-0-025-020.700
 2. ZONING: M-1 INDUSTRIAL
 3. PARKING CALCULATIONS:
INDUSTRIAL MANUFACTURING OPERATIONS = 1 SPACE PER
EMPLOYEE PLUS REQUIRED NUMBER FOR RETAIL AND OFFICE
SPACE

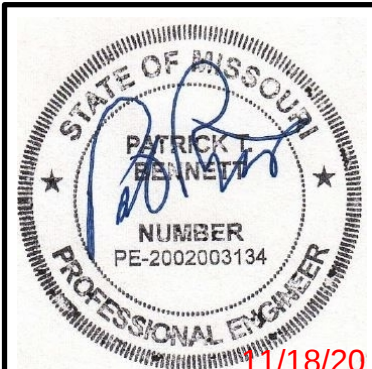
- REFERENCE**
1. SURVEY PER GATEWAY LAND SERVICES, INC., DRAWING NO.:
20-0039 INTEGRAM DR.DWG, DATED 05/05/2020.
 2. BUILDING PER VERVE DESIGN STUDIO, DATED 11/12/2020.

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NOTE TO CONTRACTOR: PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES,
CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL)
OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, BROADBAND,
PHONE, SANITARY AND STORM SEWERS. ANY CONFLICT SHALL BE REPORTED
IMMEDIATELY TO THE ENGINEER AND APPROPRIATE AUTHORITIES



PATRICK T. BENNETT
E2002003134
*HAND SIGNATURE ON FILE



DAP PRODUCTS, INC.
DAP FACILITY IMPROVEMENTS
COVER SHEET

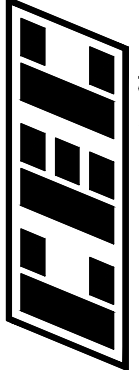
DRAWING NO.: **C000**

SHEET 01 OF 09

DATE: NOV. 2020
DWG SCALE: 1" = 40'
PROJECT NO.: 301-334
APPROVED BY: [Signature]

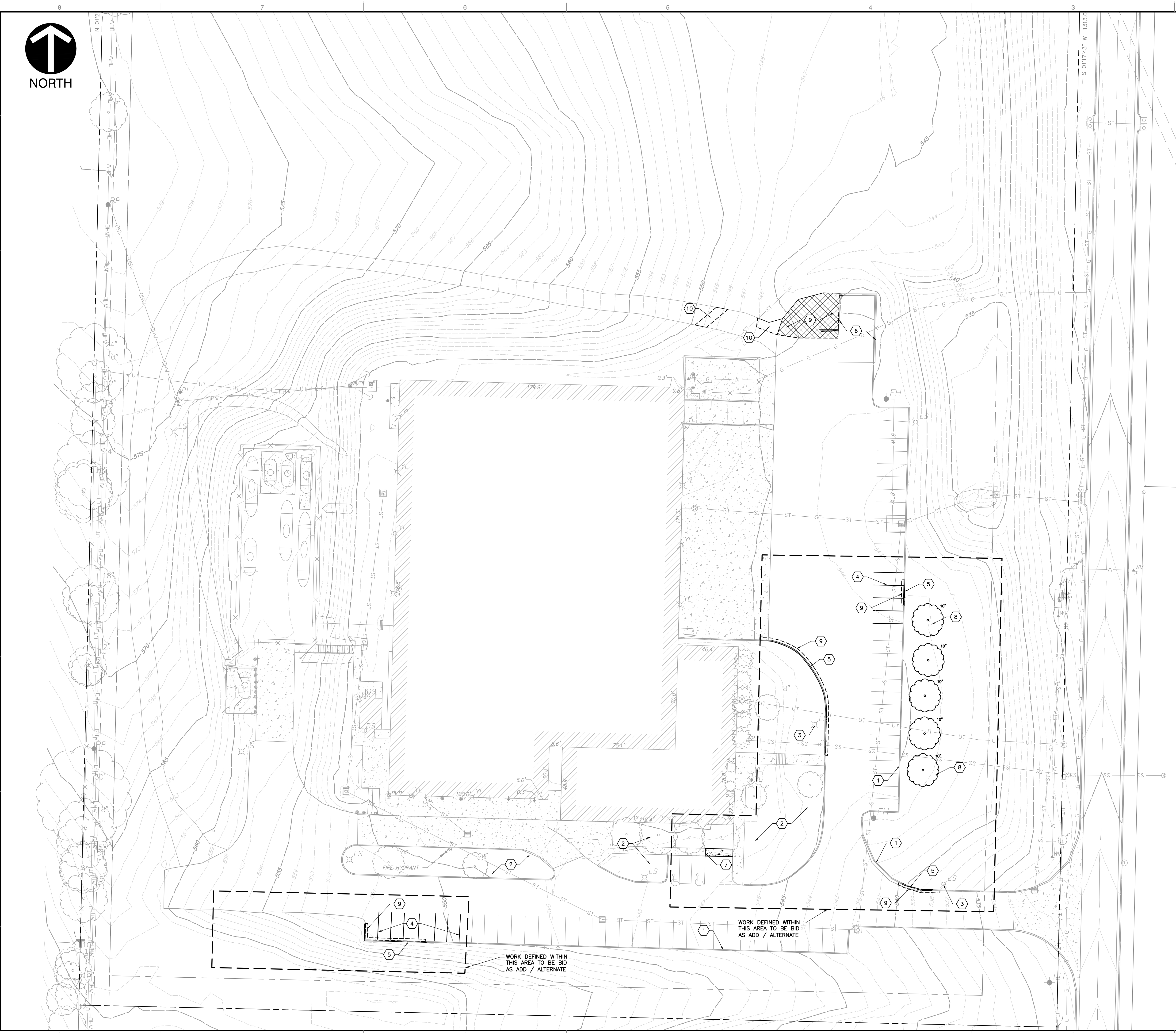
JGM
PTB
301-334
DRAFT

DAP PRODUCTS, INC.
307 INTEGRAM DRIVE
PACIFIC, MISSOURI 63069

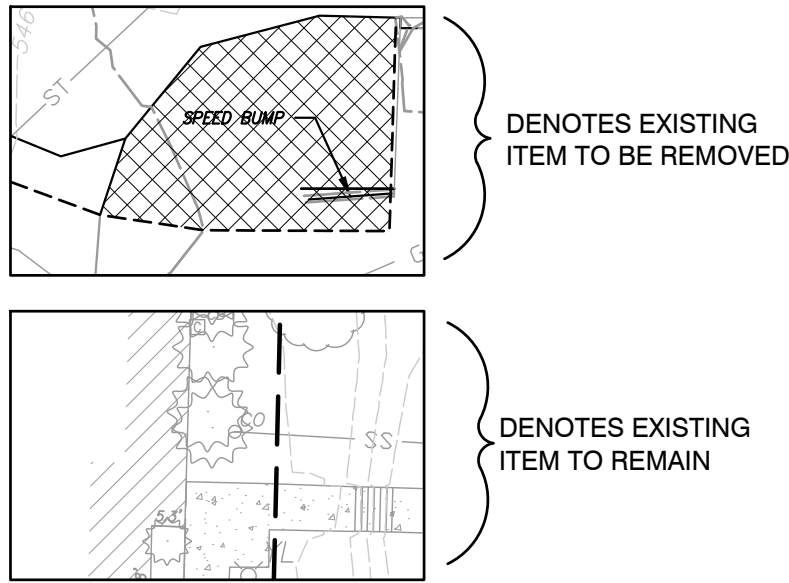

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SUBMITTAL RECORD	
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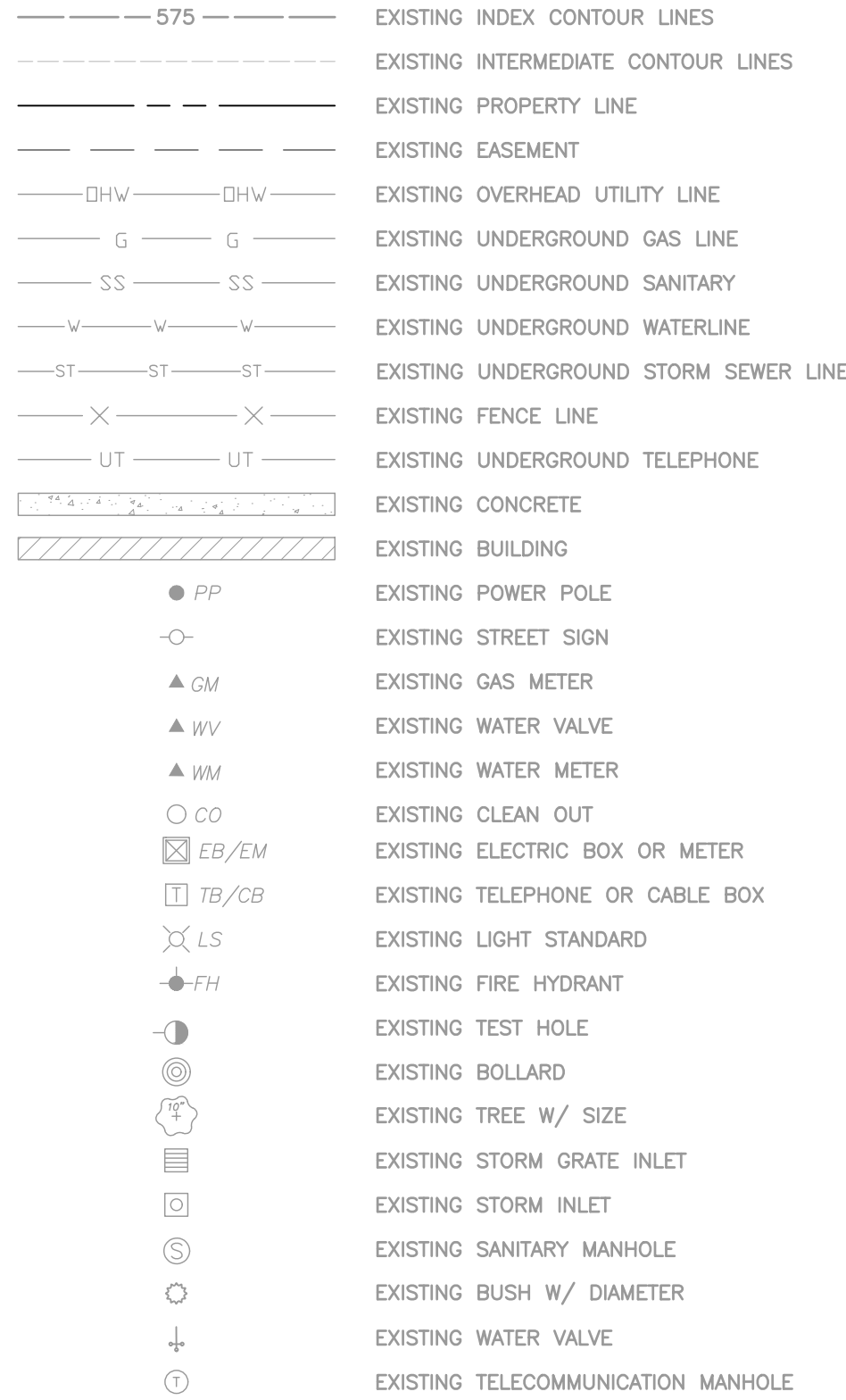
PL 1500-0001 301-3541-2002 DWG 1001 1011334-001-0100.dwg C100 LS11/18/2020 - jpmw/m - LP 11/18/2020 3:13 PM



DEMOLITION LEGEND:



LEGEND



KEY NOTES

- EXISTING CURB TO REMAIN.
- EXISTING LANDSCAPING AREA TO REMAIN.
- EXISTING LOT LIGHT TO REMAIN / BE PROTECTED IN PLACE DURING CONSTRUCTION.
- EXISTING PARKING STRIPING TO BE OBLITERATED.
- EXISTING CURB TO BE REMOVED.
- EXISTING FENCE TO REMAIN / BE PROTECTED IN PLACE DURING CONSTRUCTION.
- EXISTING SIDEWALK TO BE SAWCUT / REMOVED TO CLOSEST JOINT.
- EXISTING TREE(S) TO BE REMOVED.
- EXISTING PAVEMENT TO BE SAWCUT AND REMOVED.
- EXISTING GRAVEL TO BE REMOVED AND REPLACED AS NEEDED FOR CONSTRUCTION.

REFERENCE

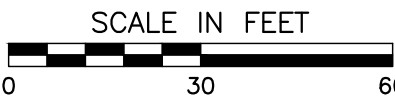
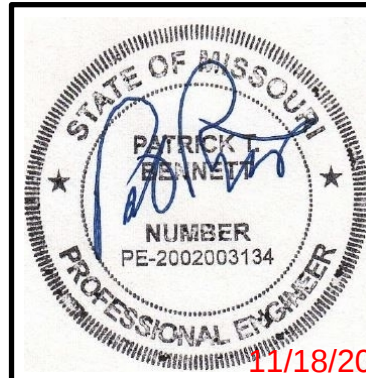
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DAP PRODUCTS, INC.	
DAP FACILITY IMPROVEMENTS	
EXISTING CONDITIONS/ DEMOLITION PLAN	
DRAWING NO.:	C100
DATE:	NOV. 2020
DWG SCALE:	1" = 30'
PROJECT NO.:	301-334
APPROVED BY:	DRAFT

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DATE:	NOV. 2020
DWG SCALE:	1" = 30'
PROJECT NO.:	301-334
APPROVED BY:	DRAFT



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LEGEND

- 575 — EXISTING INDEX CONTOUR LINES
- — — EXISTING INTERMEDIATE CONTOUR LINES
- — — EXISTING PROPERTY LINE
- — — EXISTING EASEMENT
- DHW — DHW EXISTING OVERHEAD UTILITY LINE
- G — G EXISTING UNDERGROUND GAS LINE
- SS — SS EXISTING UNDERGROUND SANITARY
- V — V EXISTING UNDERGROUND WATERLINE
- ST — ST EXISTING UNDERGROUND STORM SEWER LINE
- x — x EXISTING FENCE LINE
- UT — UT EXISTING UNDERGROUND TELEPHONE
- — — EXISTING CONCRETE
- — — EXISTING BUILDING
- PP EXISTING POWER POLE
- EXISTING STREET SIGN

- ▲ GM EXISTING GAS METER
- ▲ WV EXISTING WATER VALVE
- ▲ WM EXISTING WATER METER
- CO EXISTING CLEAN OUT
- ⊠ EB/EM EXISTING ELECTRIC BOX OR METER
- ⊠ TB/CB EXISTING TELEPHONE OR CABLE BOX
- ⊠ LS EXISTING LIGHT STANDARD
- FH EXISTING FIRE HYDRANT
- EXISTING TEST HOLE
- ⊠ EXISTING FENCE LINE
- ⊠ EXISTING TREE W/ SIZE
- ⊠ EXISTING STORM GRATE INLET
- ⊠ EXISTING STORM INLET
- ⊠ EXISTING SANITARY MANHOLE
- ⊠ EXISTING BUSH W/ DIAMETER
- ⊠ EXISTING WATER VALVE
- ⊠ EXISTING TELECOMMUNICATION MANHOLE

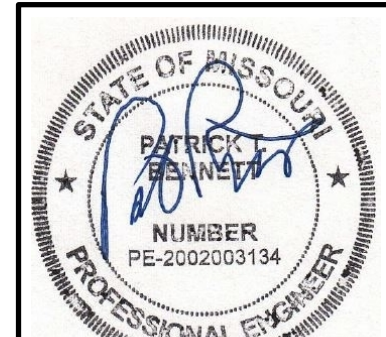
- PROPOSED CURB
- PROPOSED PAVEMENT STRIPING
- PROPOSED PAVEMENT
- PROPOSED CLEAN OUT
- PROPOSED CONCRETE
- PROPOSED RIPRAP
- PROPOSED EARTHEN BERM
- PROPOSED DITCH
- PROPOSED DITCH TOP
- E PROPOSED ELECTRIC LINE
- G PROPOSED GAS LINE
- SAN PROPOSED SANITARY LINE
- W PROPOSED WATERLINE
- ST PROPOSED STORM PIPE
- PROPOSED AREA INLET
- CO PROPOSED CLEANOUT

KEY NOTES

1. PROPOSED BUILDING. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
2. PROPOSED CONCRETE CURB. REFER TO DETAIL SHEETS.
3. PROPOSED ASPHALT PAVEMENT. REFER TO DETAIL SHEETS.
4. PROPOSED ADA ACCESSIBLE RAMP. REFER TO DETAIL SHEETS.
5. PROPOSED PARKING STRIPING. REFER TO DETAIL SHEETS.
6. PROPOSED ADA ACCESSIBLE PARKING SPACE / AISLE. REFER TO DETAIL SHEETS.
7. PROPOSED TRAFFIC ARROW. REFER TO DETAIL SHEETS.
8. PROPOSED 'DO NOT ENTER' STRIPING. REFER TO DETAIL SHEETS.
9. PROPOSED / DISTURBED LANDSCAPING AREA. AREA TO BE SODDED / SEEDED PER OWNER DIRECTION.
10. PROPOSED SEGMENTAL RETAINING WALL. COLOR AND MANUFACTURER AS APPROVED BY ARCHITECT / OWNER. CONTRACTOR TO PROVIDE AS ADD / ALTERNATE.
11. ASSUMED LOCATION OF PROPOSED FIRE LOOP LINE (BY OTHERS).
12. PROPOSED FIRE SERVICE TO PROPOSED LOOP LINE (AS SIZED BY OTHERS).
13. PROPOSED GAS SERVICE WITH METER.
14. (2) PROPOSED 2" CONDUITS FOR ELECTRIC/COMMUNICATIONS.
15. MAINTAIN 18" SEPARATION BETWEEN UTILITIES
16. PROPOSED 6" PVC PIPE AT 2% SLOPE FOR ROOF DOWNSPOUT
17. PROPOSED LATERAL AND BOOT TO ROOF DOWNSPOUT (TYPICAL). REFER TO ARCHITECTURAL PLANS FOR PRECISE LOCATION(S).
18. PROPOSED AREA INLET PER MSD STANDARDS WITH FOUR (4) SIDES OPEN.
19. PROPOSED UTILITY ENTRANCE POINT INTO EXISTING BUILDING. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
20. PROPOSED CONCRETE ENCASUREMENT OF CROSSING UTILITIES
21. PROPOSED CLEANOUT. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
22. PROPOSED RIPRAP. REFER TO DETAIL SHEETS.
23. EXISTING CONTROL STRUCTURE TO BE CLEANED AS NEEDED FOR PROPER OPERATION.

SCALE IN FEET
0 20 40

*HAND SIGNATURE ON FILE
PATRICK T. BENNETT
E2002003134



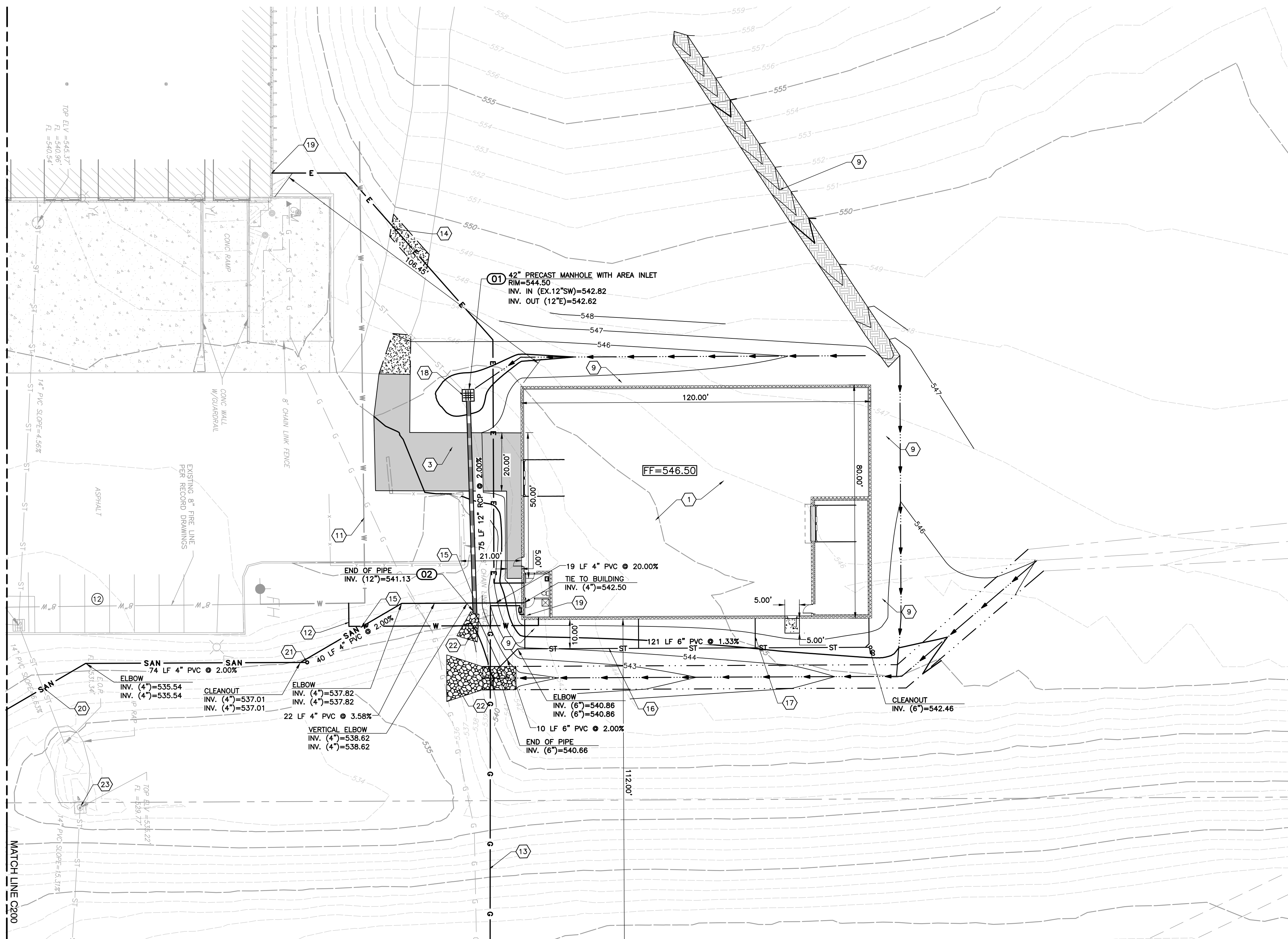
DRAWING NO.: C200	
DATE: NOV. 2020	DRAWN BY: JGM
DWG SCALE: 1" = 20'	CHECKED BY: PTB
PROJECT NO: 301-334	APPROVED BY: DRAFT

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LEGEND

575	EXISTING INDEX CONTOUR LINES	EB/EM	EXISTING ELECTRIC BOX OR METER
	EXISTING INTERMEDIATE CONTOUR LINES	TB/CB	EXISTING TELEPHONE OR CABLE BOX
	EXISTING PROPERTY LINE	LS	EXISTING LIGHT STANDARD
	EXISTING EASEMENT	FH	EXISTING FIRE HYDRANT
—H—H—	EXISTING OVERHEAD UTILITY LINE		EXISTING TEST HOLE
—G—G—	EXISTING UNDERGROUND GAS LINE		EXISTING BOLLARD
—SS—SS—	EXISTING UNDERGROUND SANITARY		EXISTING TREE W/ SIZE
—W—W—	EXISTING UNDERGROUND WATERLINE		EXISTING STORM GRATE INLET
—ST—ST—	EXISTING UNDERGROUND STORM SEWER LINE		EXISTING STORM INLET
—X—X—	EXISTING FENCE LINE		EXISTING SANITARY MANHOLE
—UT—UT—	EXISTING UNDERGROUND TELEPHONE		EXISTING BUSH W/ DIAMETER
	EXISTING CONCRETE		EXISTING STORM INLET
	EXISTING BUILDING		EXISTING SANITARY MANHOLE
	EXISTING POWER POLE		EXISTING BUSH W/ DIAMETER
	EXISTING STREET SIGN		EXISTING WATER VALVE
	EXISTING GAS METER		EXISTING TELECOMMUNICATION MANHOLE
	EXISTING WATER VALVE		
	EXISTING WATER METER		
	EXISTING CLEAN OUT		

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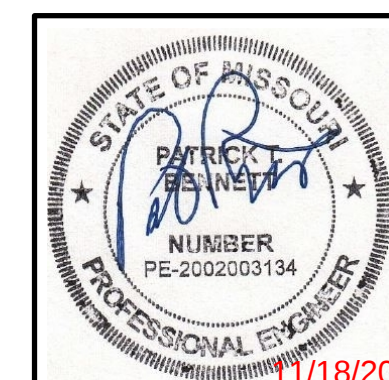
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- PROPOSED CLEANOUT. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
- PROPOSED RIPRAP. REFER TO DETAIL SHEETS.
- EXISTING CONTROL STRUCTURE TO BE CLEANED AS NEEDED FOR PROPER OPERATION.

PATRICK T. BENNETT
E2002003134
*HAND SIGNATURE ON FILE



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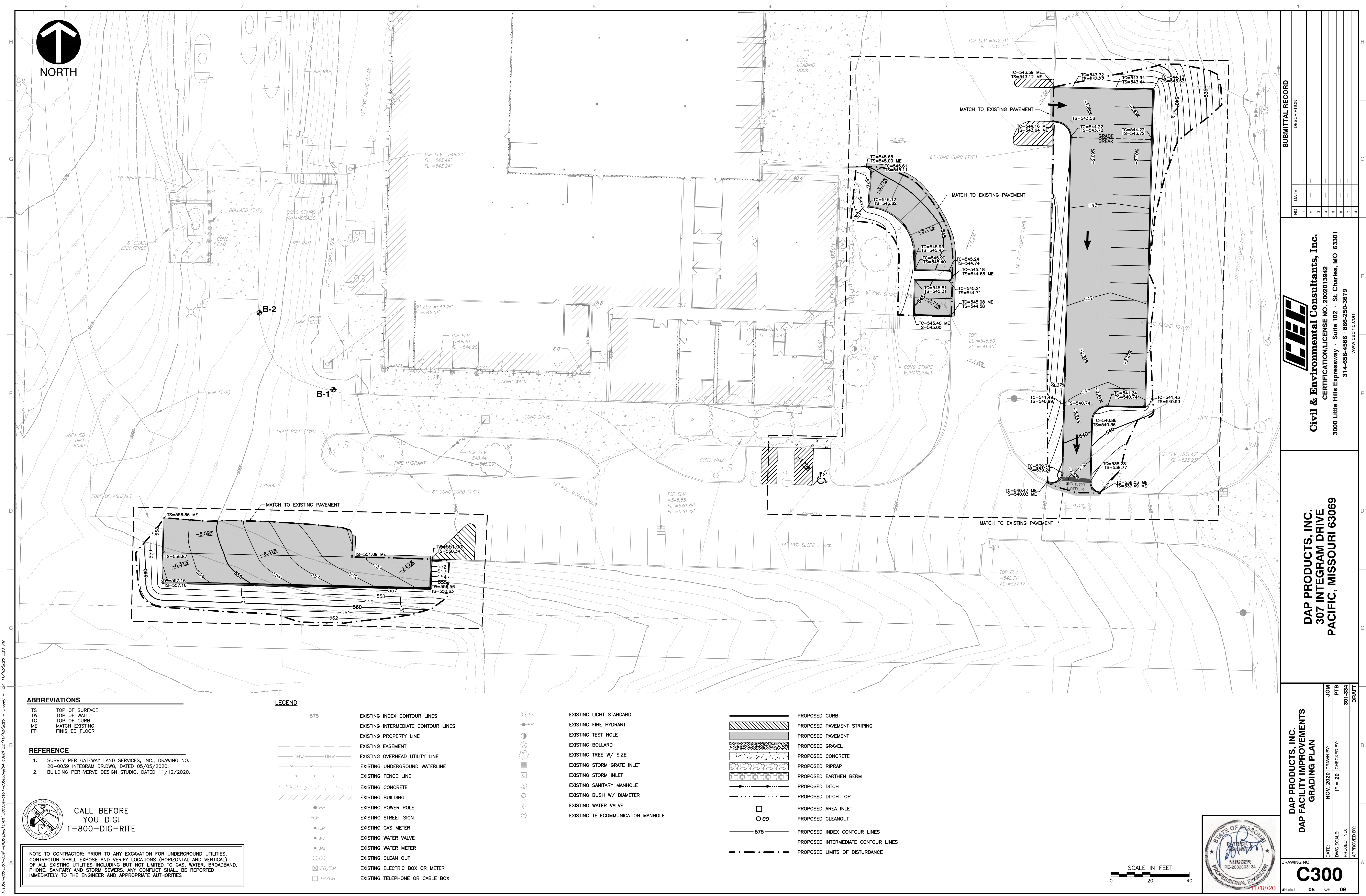
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DAP PRODUCTS, INC.
DAP FACILITY IMPROVEMENTS
SITE / UTILITY PLAN

DRAWING NO.:

C201

SHEET 04 OF 09



ABBREVIATIONS	
TS	TOP OF SURFACE
TW	TOP OF WALL
TC	TOP OF CURB
ME	MATCH EXISTING
FF	FINISHED FLOOR

- REFERENCE
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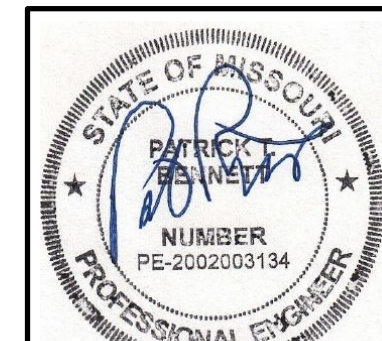
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LEGEND

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| --- | | EXISTING PROPERTY LINE |
| --- | | EXISTING EASEMENT |
| --- | | EXISTING OVERHEAD UTILITY LINE |
| --- | | EXISTING UNDERGROUND WATERLINE |
| --- | | EXISTING FENCE LINE |
| --- | | EXISTING CONCRETE |
| --- | | EXISTING BUILDING |
| ● | PP | EXISTING POWER POLE |
| ○ | CM | EXISTING STREET SIGN |
| ▲ | GM | EXISTING GAS METER |
| ▲ | WV | EXISTING WATER VALVE |
| ▲ | WM | EXISTING WATER METER |
| ○ | CO | EXISTING CLEAN OUT |
| ⊠ | EB/EM | EXISTING ELECTRIC BOX OR METER |
| ⊠ | TB/CB | EXISTING TELEPHONE OR CABLE BOX |
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|---|----|------------------------------------|
| ⊗ | LS | EXISTING LIGHT STANDARD |
| ● | FH | EXISTING FIRE HYDRANT |
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| ⊗ | | EXISTING BOLLARD |
| ⊗ | | EXISTING TREE W/ SIZE |
| ⊗ | | EXISTING STORM GRATE INLET |
| ⊗ | | EXISTING STORM INLET |
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| ⊗ | | EXISTING BUSH W/ DIAMETER |
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| ⊗ | | EXISTING TELECOMMUNICATION MANHOLE |

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|-----|-------------------------------------|
| --- | PROPOSED CURB |
| --- | PROPOSED PAVEMENT STRIPING |
| --- | PROPOSED PAVEMENT |
| --- | PROPOSED GRAVEL |
| --- | PROPOSED CONCRETE |
| --- | PROPOSED RIPRAP |
| --- | PROPOSED EARTHEN BERM |
| --- | PROPOSED DITCH |
| --- | PROPOSED DITCH TOP |
| --- | PROPOSED AREA INLET |
| --- | PROPOSED CLEANOUT |
| --- | PROPOSED INDEX CONTOUR LINES |
| --- | PROPOSED INTERMEDIATE CONTOUR LINES |
| --- | PROPOSED LIMITS OF DISTURBANCE |

SCALE IN FEET
0 20 40



DAP PRODUCTS, INC. DAP FACILITY IMPROVEMENTS GRADING PLAN	
DRAWING NO.: C300	SHEET 05 OF 09
DATE: NOV. 2020	DRAWN BY: JGM
DWG SCALE: 1" = 20'	CHECKED BY: PTB
PROJECT NO: 301-334	APPROVED BY: DRAFT

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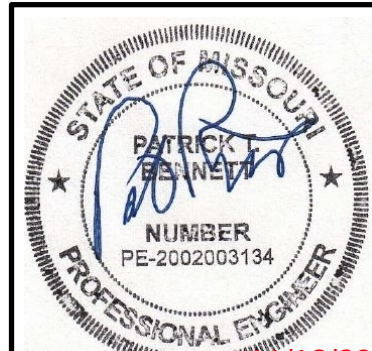
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DRAWING NO.:
C301

SHEET 06 OF 09

LEGEND

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| --- | V | EXISTING UNDERGROUND WATERLINE |
| --- | X | EXISTING FENCE LINE |
| --- | | EXISTING CONCRETE |
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| □ | TB/CB | EXISTING ELECTRIC BOX OR METER |
| × | LS | EXISTING TELEPHONE OR CABLE BOX |
| + | FH | EXISTING LIGHT STANDARD |
| + | | EXISTING FIRE HYDRANT |
| + | | EXISTING TEST HOLE |
| + | | EXISTING BOLLARD |
| + | | EXISTING TREE W/ SIZE |
| + | | EXISTING STORM GRATE INLET |
| + | | EXISTING STORM INLET |
| + | | EXISTING SANITARY MANHOLE |
| + | | EXISTING BUSH W/ DIAMETER |
| + | | EXISTING WATER VALVE |
| + | | EXISTING TELECOMMUNICATION MANHOLE |
| --- | | PROPOSED CURB |
| --- | | PROPOSED PAVEMENT STRIPING |
| --- | | PROPOSED PAVEMENT |
| --- | | PROPOSED GRAVEL |
| --- | | PROPOSED CONCRETE |
| --- | | PROPOSED RIPRAP |
| --- | | PROPOSED EARTHEN BERM |
| --- | | PROPOSED DITCH |
| --- | | PROPOSED DITCH TOP |
| □ | | PROPOSED AREA INLET |
| ○ | CO | PROPOSED CLEANOUT |
| --- | 575 | PROPOSED INDEX CONTOUR LINES |
| --- | | PROPOSED INTERMEDIATE CONTOUR LINES |
| --- | | PROPOSED LIMITS OF DISTURBANCE |

ABBREVIATIONS

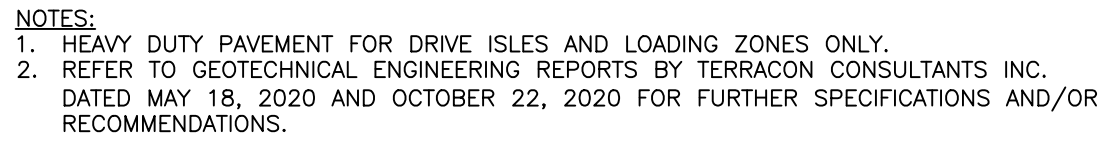
- | | |
|----|----------------|
| TS | TOP OF SURFACE |
| TW | TOP OF WALL |
| TC | TOP OF CURB |
| ME | MATCH EXISTING |
| FF | FINISHED FLOOR |



NORTH



NOT TO SCALE



NOT TO SCALE

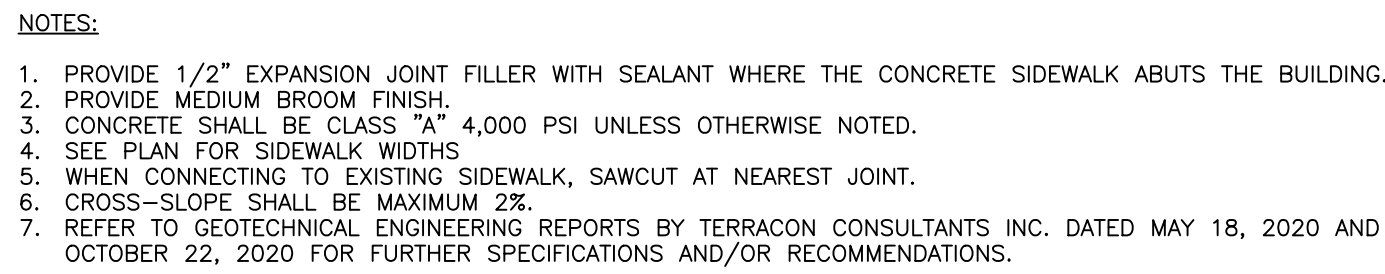


- NOTES**
1. RAMPS SHALL NOT EXCEED A 12:1 SLOPE.
 2. WHEN RAMP OCCURS ON RADII, MINIMUM CLEAR LANDING WIDTH MUST BE MAINTAINED ON SHORTEST SIDE ALONG CURVE.

N.T.S.



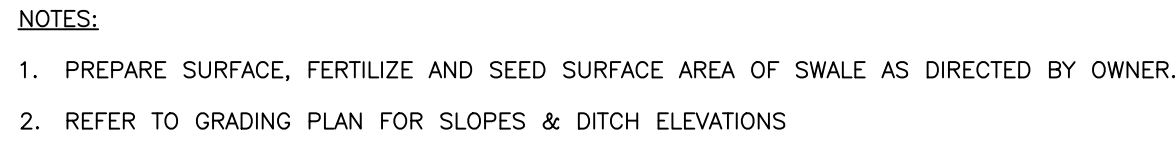
WITH ASPHALT PAVEMENT
NOT TO SCALE



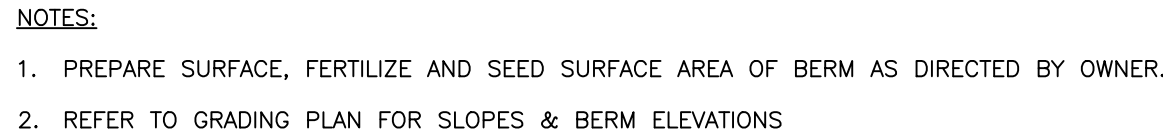
NOT TO SCALE



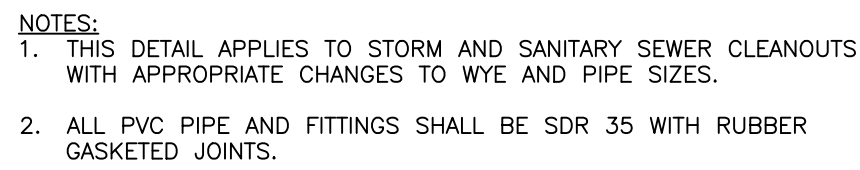
- ## NOTES
1. THE DIMENSIONS OF HATCHED AREAS SHOWN REPRESENT MINIMUM DIMENSIONS AND MAY BE INCREASED TO INCLUDE ANY LEFTOVER FOOTAGE ALONG ROW ALIGNMENT, AS NECESSARY.
 2. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS AS SHOWN (OR AS EXISTING) USING A TEMPLATE OR STRIPING MACHINE.
 3. ALL PAINT MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH MODOT SPECIFICATIONS SECTIONS 620 AND 1048.



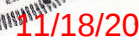
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



SUBMITTAL RECORD		
DESCRIPTION		
NO	DATE	
1	---	---
2	---	---
3	---	---
4	---	---
5	---	---
6	---	---
7	---	---
8	---	---

CEC
Civil & Environmental Consultants, Inc.
CERTIFICATION/LICENSE NO. 2002013942
4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042
314-656-4566 • 866-250-3679
www.cecinc.com

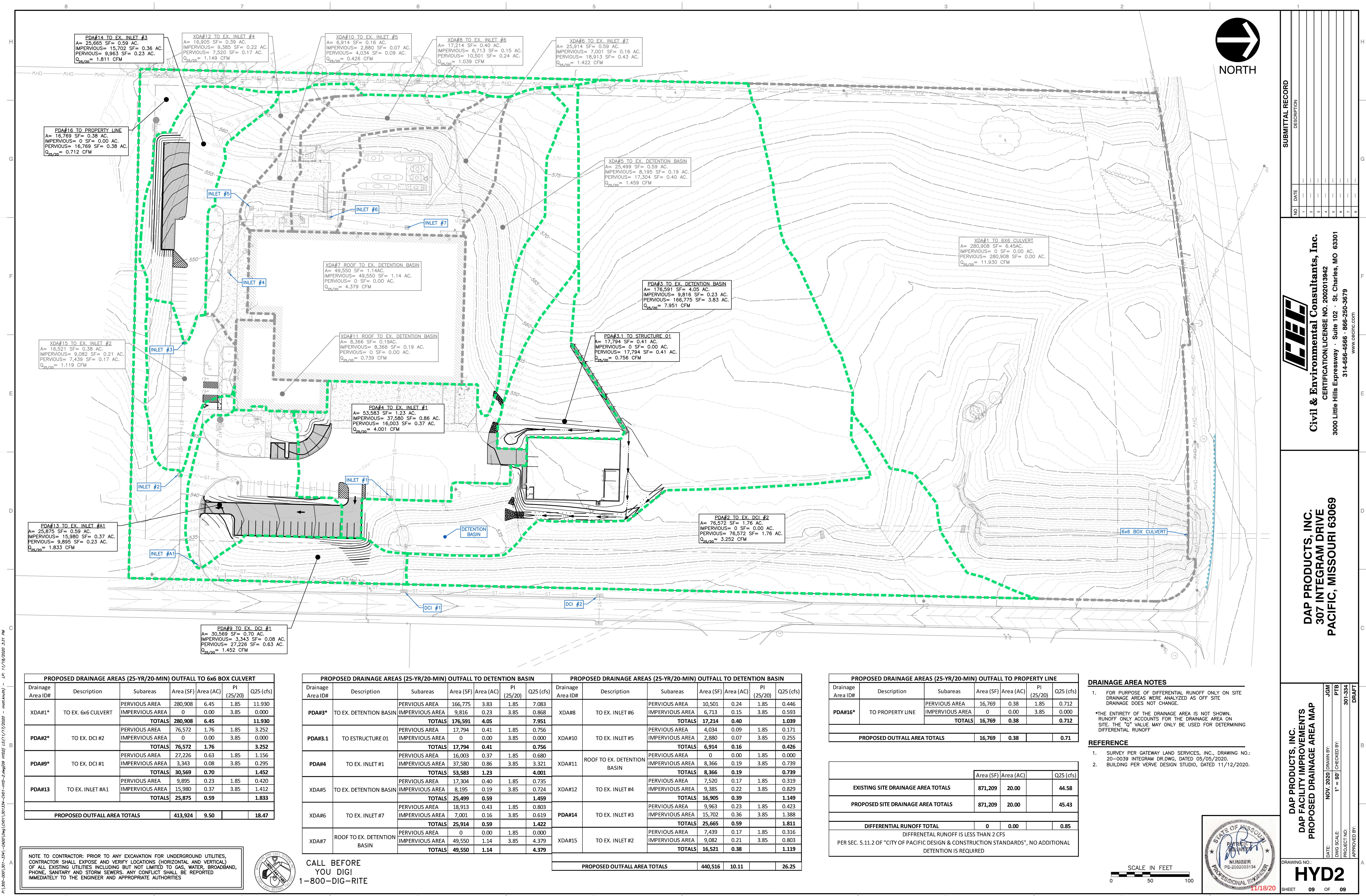
**DAP PRODUCTS, INC.
307 INTEGRAM DRIVE
PACIFIC, MISSOURI 63069**

DAP PRODUCTS, INC.
DAP FACILITY IMPROVEMENTS
DETAILS

DRAWING NO.:

C800

SHEET 07 OF 09



PROPOSED DRAINAGE AREAS (25-YR/20-MIN)				OUTFALL TO 6x6 BOX CULVERT		
Drainage Area ID#	Description	Subareas	Area (SF)	Area (AC)	PI (25/20)	Q25 (cfs)
XDA#1*	TO EX. 6x6 CULVERT	PERVIOUS AREA	280,908	6.45	1.85	11.930
		IMPERVIOUS AREA	0	0.00	3.85	0.000
		TOTALS	280,908	6.45		11.930
PDA#2*	TO EX. DCI #2	PERVIOUS AREA	76,572	1.76	1.85	3.252
		IMPERVIOUS AREA	0	0.00	3.85	0.000
		TOTALS	76,572	1.76		3.252
PDA#9*	TO EX. DCI #1	PERVIOUS AREA	27,226	0.63	1.85	1.156
		IMPERVIOUS AREA	3,343	0.08	3.85	0.295
		TOTALS	30,569	0.70		1.452
PDA#13	TO EX. INLET #A1	PERVIOUS AREA	9,895	0.23	1.85	0.420
		IMPERVIOUS AREA	15,980	0.37	3.85	1.412
		TOTALS	25,875	0.59		1.833
PROPOSED OUTFALL AREA TOTALS			413,924	9.50		18.47

PROPOSED DRAINAGE AREAS (25-YR/20-MIN) OUTFALL TO DETENTION BASIN					
Drainage Area ID#	Description	Subareas	Area (SF)	Area (AC)	Q25 (cfs)
PDA#3*	TO EX. DETENTION BASIN	PERVIOUS AREA	166,775	3.83	7.083
		IMPERVIOUS AREA	9,816	0.23	0.868
		TOTALS	176,591	4.05	7.951
PDA#3.1	TO ESTRUCTURE 01	PERVIOUS AREA	17,794	0.41	0.756
		IMPERVIOUS AREA	0	0.00	0.000
		TOTALS	17,794	0.41	0.756
PDA#4	TO EX. INLET #1	PERVIOUS AREA	16,003	0.37	0.680
		IMPERVIOUS AREA	37,580	0.86	3.321
		TOTALS	53,583	1.23	4.001
XDA#5	TO EX. DETENTION BASIN	PERVIOUS AREA	17,304	0.40	0.735
		IMPERVIOUS AREA	8,195	0.19	0.724
		TOTALS	25,499	0.59	1.459
XDA#6	TO EX. INLET #7	PERVIOUS AREA	18,913	0.43	0.803
		IMPERVIOUS AREA	7,001	0.16	0.619
		TOTALS	25,914	0.59	1.422
XDA#7	ROOF TO EX. DETENTION BASIN	PERVIOUS AREA	0	0.00	0.000
		IMPERVIOUS AREA	49,550	1.14	4.379
		TOTALS	49,550	1.14	4.379

PROPOSED DRAINAGE AREAS (25-YR/20-MIN) OUTFALL TO DETENTION BASIN						
Drainage Area ID#	Description	Subareas	Area (SF)	Area (AC)	PI (25/20)	Q25 (cfs)
XDA#8	TO EX. INLET #6	PERVIOUS AREA	10,501	0.24	1.85	0.446
		IMPERVIOUS AREA	6,713	0.15	3.85	0.593
		TOTALS	17,214	0.40		1.039
XDA#10	TO EX. INLET #5	PERVIOUS AREA	4,034	0.09	1.85	0.171
		IMPERVIOUS AREA	2,880	0.07	3.85	0.255
		TOTALS	6,914	0.16		0.426
XDA#11	ROOF TO EX. DETENTION BASIN	PERVIOUS AREA	0	0.00	1.85	0.000
		IMPERVIOUS AREA	8,366	0.19	3.85	0.739
		TOTALS	8,366	0.19		0.739
XDA#12	TO EX. INLET #4	PERVIOUS AREA	7,520	0.17	1.85	0.319
		IMPERVIOUS AREA	9,385	0.22	3.85	0.829
		TOTALS	16,905	0.39		1.149
PDA#14	TO EX. INLET #3	PERVIOUS AREA	9,963	0.23	1.85	0.423
		IMPERVIOUS AREA	15,702	0.36	3.85	1.388
		TOTALS	25,665	0.59		1.811
XDA#15	TO EX. INLET #2	PERVIOUS AREA	7,439	0.17	1.85	0.316
		IMPERVIOUS AREA	9,082	0.21	3.85	0.803
		TOTALS	16,521	0.38		1.119
PROPOSED OUTFALL AREA TOTALS			440,516	10.11	26.25	

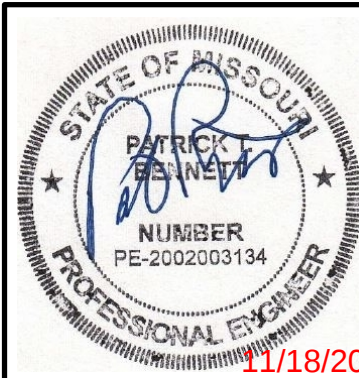
PROPOSED DRAINAGE AREAS (25-YR/20-MIN) OUTFALL TO PROPERTY LINE						
Drainage Area ID#	Description	Subareas	Area (SF)	Area (AC)	PI (25/20)	Q25 (cfs)
PDA#16*	TO PROPERTY LINE	PERVIOUS AREA	16,769	0.38	1.85	0.712
		IMPERVIOUS AREA	0	0.00	3.85	0.000
		TOTALS	16,769	0.38		0.712
PROPOSED OUTFALL AREA TOTALS			16,769	0.38		0.71
			Area (SF)	Area (AC)		Q25 (cfs)
EXISTING SITE DRAINAGE AREA TOTALS			871,209	20.00		44.58
PROPOSED SITE DRAINAGE AREA TOTALS			871,209	20.00		45.43
DIFFERENTIAL RUNOFF TOTAL			0	0.00		0.85
DIFFERENETAL RUNOFF IS LESS THAN 2 CFS						
PER SEC. 5.11.2 OF "CITY OF PACIFIC DESIGN & CONSTRUCTION STANDARDS", NO ADDITIONAL DETENTION IS REQUIRED						

- DRAINAGE AREA NOTES**
- FOR PURPOSE OF DIFFERENTIAL RUNOFF ONLY ON SITE DRAINAGE AREAS WERE ANALYZED AS OFF SITE DRAINAGE DOES NOT CHANGE.
 - THE ENTIRETY OF THE DRAINAGE AREA IS NOT SHOWN. RUNOFF ONLY ACCOUNTS FOR THE DRAINAGE AREA ON SITE. THE "Q" VALUE MAY ONLY BE USED FOR DETERMINING DIFFERENTIAL RUNOFF.
- REFERENCE**
- SURVEY PER GATEWAY LAND SERVICES, INC., DRAWING NO.: 20-0039 INTEGRAM DR.DWG, DATED 05/05/2020.
 - BUILDING PER VERVE DESIGN STUDIO, DATED 11/12/2020.

NOTE TO CONTRACTOR: PRIOR TO ANY EXCAVATION FOR UNDERGROUND UTILITIES, CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO GAS, WATER, BROADBAND, PHONE, SANITARY AND STORM SEWERS. ANY CONFLICT SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER AND APPROPRIATE AUTHORITIES



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DAP PRODUCTS, INC.
DAP FACILITY IMPROVEMENTS
PROPOSED DRAINAGE AREA MAP

DRAWING NO.: **HYD2**
SHEET 09 OF 09