SHEET NO.	TOTAL SHEETS
1	6

REGISTERED CIVIL ENGINEER

APRIL 2, 2019

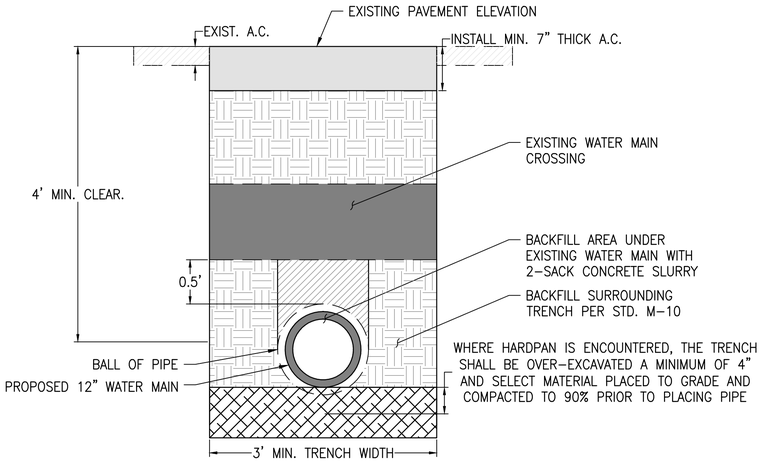
DATE

REGISTERED PROFESSIONAL ENGINEER
DAVID M. PETERS
No. 52685
CIVIL
STATE OF CALIFORNIA

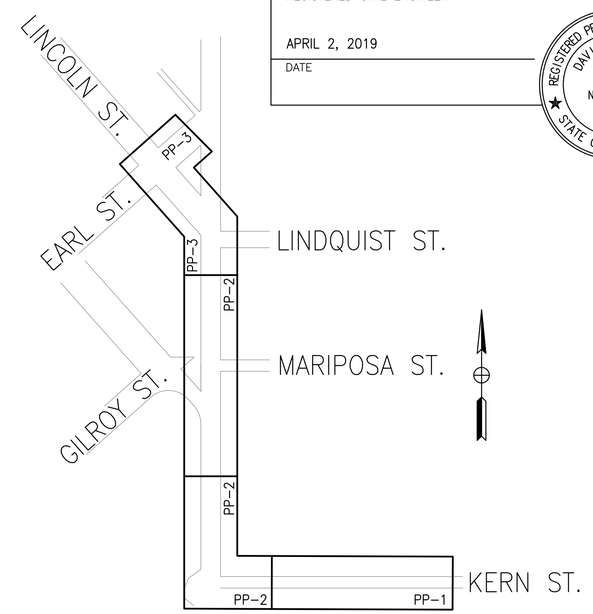
CITY OF KINGSBURG

DEPARTMENT OF PUBLIC WORKS
PLANS FOR CONSTRUCTION OF

WELL 12 RAW WATER LINE IMPROVEMENTS



WATER MAIN TRENCH DETAIL (1 / -)
NTS



SHEET INDEX		
SHEET NUMBER	SHEET TITLE	SHEET DESCRIPTION
1	T-1	TITLE SHEET
2	PP-1	PLAN & PROFILE: STA 10+00 TO STA 16+00
3	PP-2	PLAN & PROFILE: STA 16+00 TO STA 21+00
4	PP-3	PLAN & PROFILE: STA 21+00 TO STA 27+00
5	PP-4	PLAN & PROFILE: STA 27+00 TO STA 32+00
6	PD-1	PAVEMENT DELINEATION

BASIS OF BEARING
THE EAST LINE OF THE NORWEST QUARTER OF SECTION 26, T. 16 S., R. 22 E., M.D.B. & M., ASSUMED TO BE NORTH 0°00'00" WEST

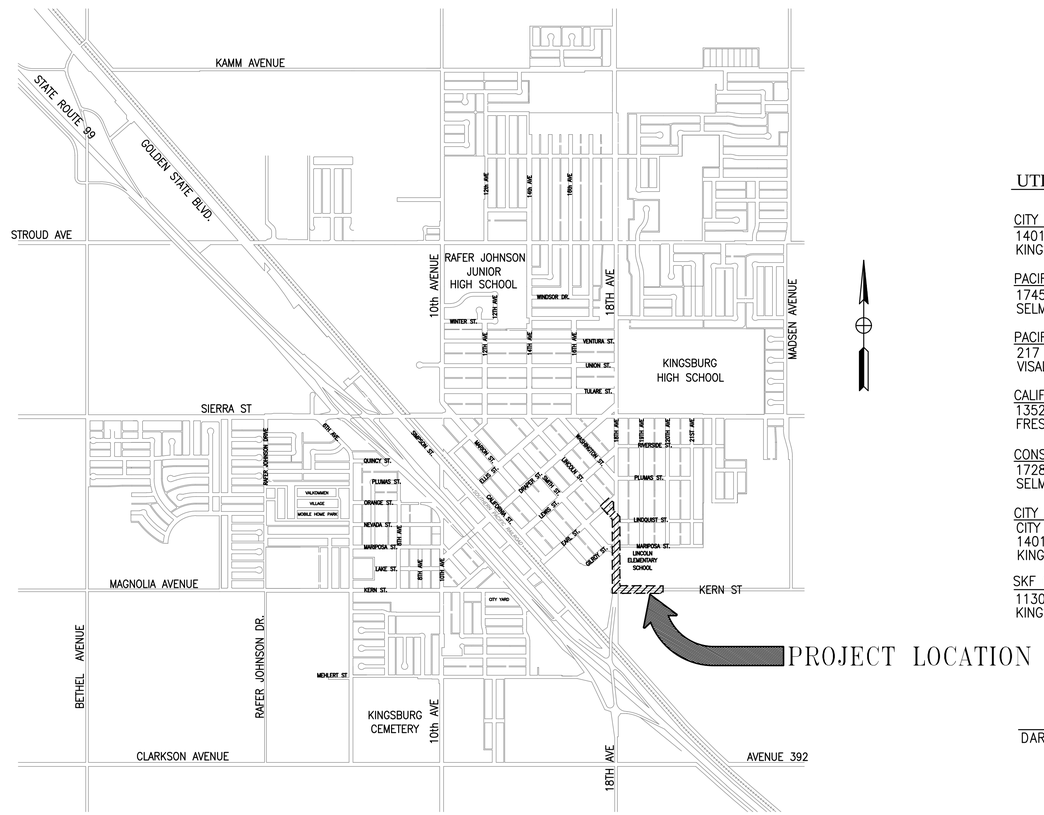
BENCHMARK
$1\frac{3}{4}$" IP AT INTERSECTION OF 18TH AVE. AND KERN ST.

ELEVATION ASSUMED 296.70

UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.

CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION....CALL "UNDERGROUND SERVICE ALERT" (U.S.A.),(TOLL FREE 811) PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, PIPE PUSHING, PLANTING TREES, DIGGING POST HOLES FOR FENCES, ETC.(U.S.A.) WILL SUPPLY INFORMATION OR LOCATE AND MARK ANY UNDERGROUND FACILITIES.

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



CITY OF KINGSBURG
NTS

UTILITIES

CITY OF KINGSBURG PUBLIC WORKS DEPARTMENT	PHONE PREFIX (559)
1401 DRAPER STREET KINGSBURG, CA. 93631	897-1066
PACIFIC GAS AND ELECTRIC COMPANY	
1745 2ND STREET SELMA, CA 93662	891-2139
PACIFIC BELL	
217 W. ACEQUIA AVENUE, 3RD FLOOR VISALIA, CA. 93278	739-6456
CALIFORNIA DEPARTMENT OF TRANSPORTATION	
1352 W. OLIVE AVENUE FRESNO, CA. 93705	488-4058
CONSOLIDATED IRRIGATION DISTRICT	
1728 TUCKER STREET SELMA, CA 93662	896-1660
CITY OF KINGSBURG	
CITY HALL 1401 DRAPER STREET KINGSBURG, CA 93631	NIGHTS OR WEEKENDS CALL POLICE 897-5821 897-2931
SKF COUNTY SANITATION DISTRICT	
11301 CONEJO AVENUE KINGSBURG, CA 93631	896-4420

DARREN HAYS, PUBLIC WORKS DIRECTOR — 4/2/19 DATE

T-1

NO SCALE

PETERS ENGINEERING GROUP
952 POLLASKY AVENUE
CLOVIS, CALIFORNIA 93612
PHONE (559) 299-1544
WWW.PETERS-ENGINEERING.COM

CITY OF KINGSBURG
1401 DRAPER STREET
KINGSBURG, CA 93631

	BY
DESIGN	SH
DRAWN	SH
CHECKED	WW

WELL 12 RAW WATER LINE IMPROVEMENTS
TITLE SHEET

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) 01/31

DWG: S:\2018\18-054\Acad\Planset\18-054 T-1.dwg USER: shopstone DATE: Apr 02, 2019 3:11pm

LEGEND & KEYNOTES (APPLIES TO SHEETS PP–1 TO PP–4)

- TRENCH PATCH 5" HMA PER CITY STD. U–1
- INSTALL 12" GATE VALVE PER CITY ST. W–10
- (1) INSTALL 2–SACK SLURRY BETWEEN POTABLE AND RAW WATER LINE PER DETAIL 1/T–1

NOTES TO CONTRACTOR:

1. ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE, CONTRACTOR TO POT HOLE AND VERIFY ACTUAL DEPTHS, SIZE, AND LOCATION PRIOR TO CONSTRUCTION
2. THE CONTRACTOR SHALL RECORD AND REPLACE ANY EXISTING STRIPING, PAVEMENT MARKERS, AND MARKINGS.
3. ALL TRENCH AND TRENCH PIT RESURFACING SHALL REQUIRE A HEATER RE–MIXER (HEATER PLANE).
4. CONTRACTOR SHALL CONTACT PROPERTY OWNERS AND COORDINATE SERVICE DISRUPTIONS PRIOR TO BEGINNING WORK.

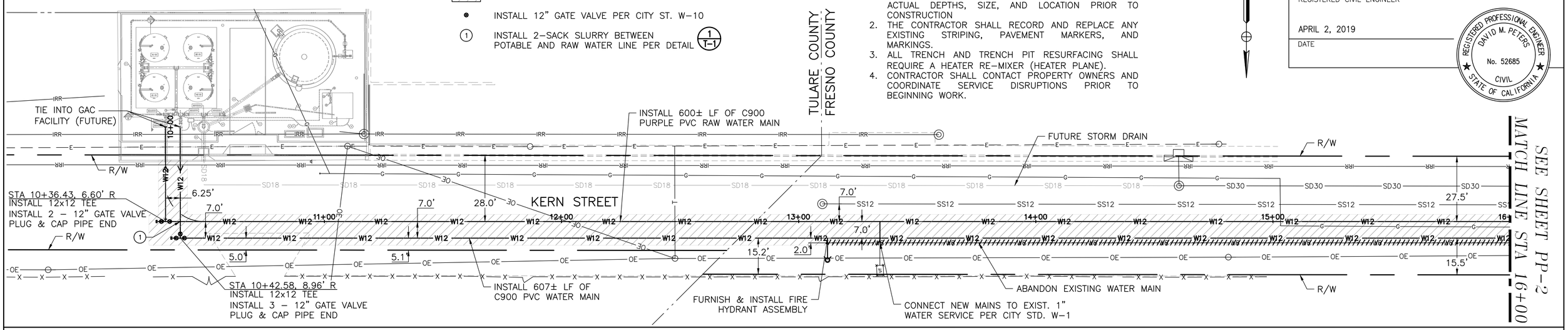
SHEET NO.	TOTAL SHEETS
2	6

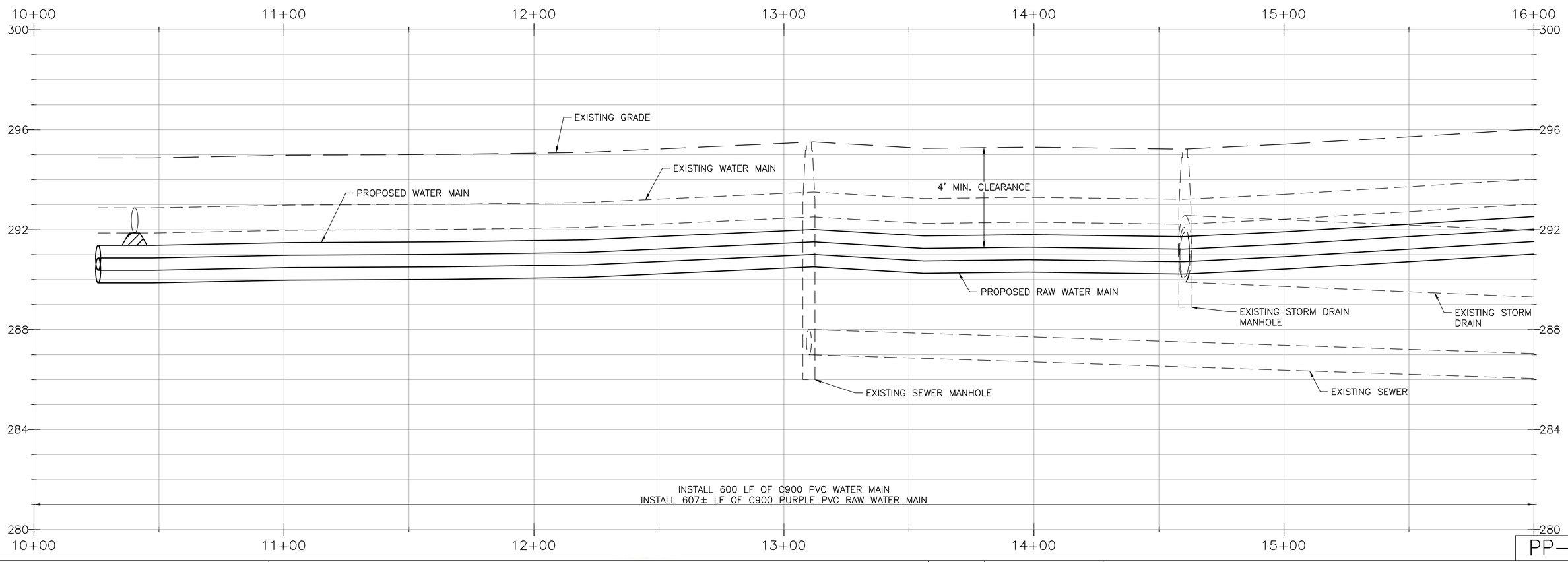
REGISTERED CIVIL ENGINEER

APRIL 2, 2019

DATE

REGISTERED PROFESSIONAL ENGINEER DAVID M. PETERS No. 52685 CIVIL STATE OF CALIFORNIA





PP–1

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'
0 10 20 30 40

PETERS ENGINEERING GROUP
952 POLLASKY AVENUE
CLOVIS, CALIFORNIA 93612
PHONE (559) 299-1544
WWW.PETERS-ENGINEERING.COM

CITY OF KINGSBURG
1401 DRAPER STREET
KINGSBURG, CA 93631

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

	BY
DESIGN	SH
DRAWN	SH
CHECKED	WW

WELL 12 RAW WATER LINE IMPROVEMENTS

PLAN & PROFILE: STA 10+00 TO STA 16+00

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)
01/31

DWG: S:\2018\18-054\Acad\Planset\18-054 PP-1.dwg USER: shopstone DATE: Apr 02, 2019 3:11pm

LEGEND & KEYNOTES (APPLIES TO SHEETS PP-1 TO PP-4)

- TRENCH PATCH 5" HMA PER CITY STD. U-1
- INSTALL 12" GATE VALVE PER CITY ST. W-10
- (1) INSTALL 2-SACK SLURRY BETWEEN POTABLE AND RAW WATER LINE PER DETAIL 1/T-1

NOTES TO CONTRACTOR:

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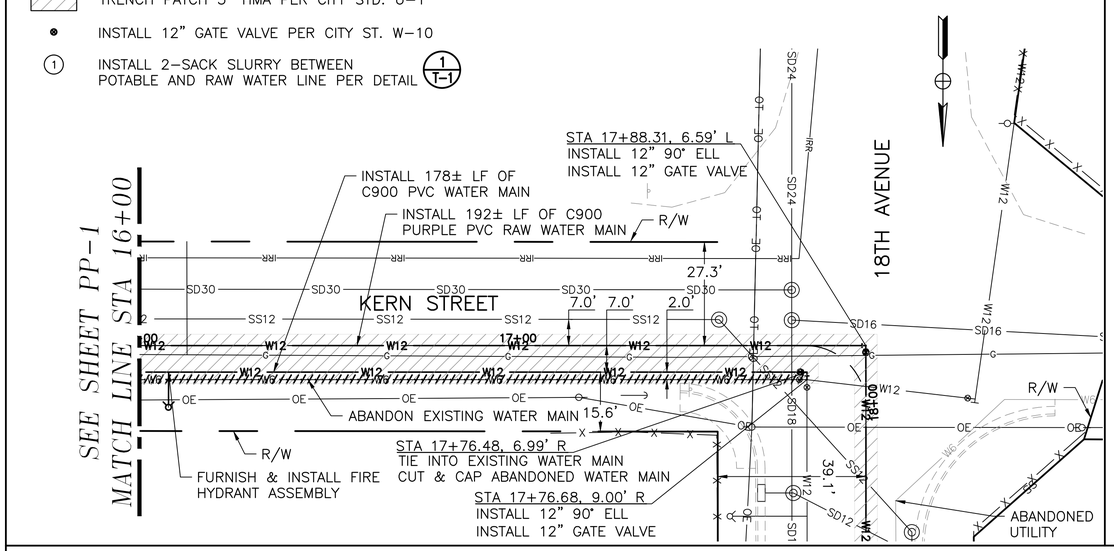
REGISTERED CIVIL ENGINEER

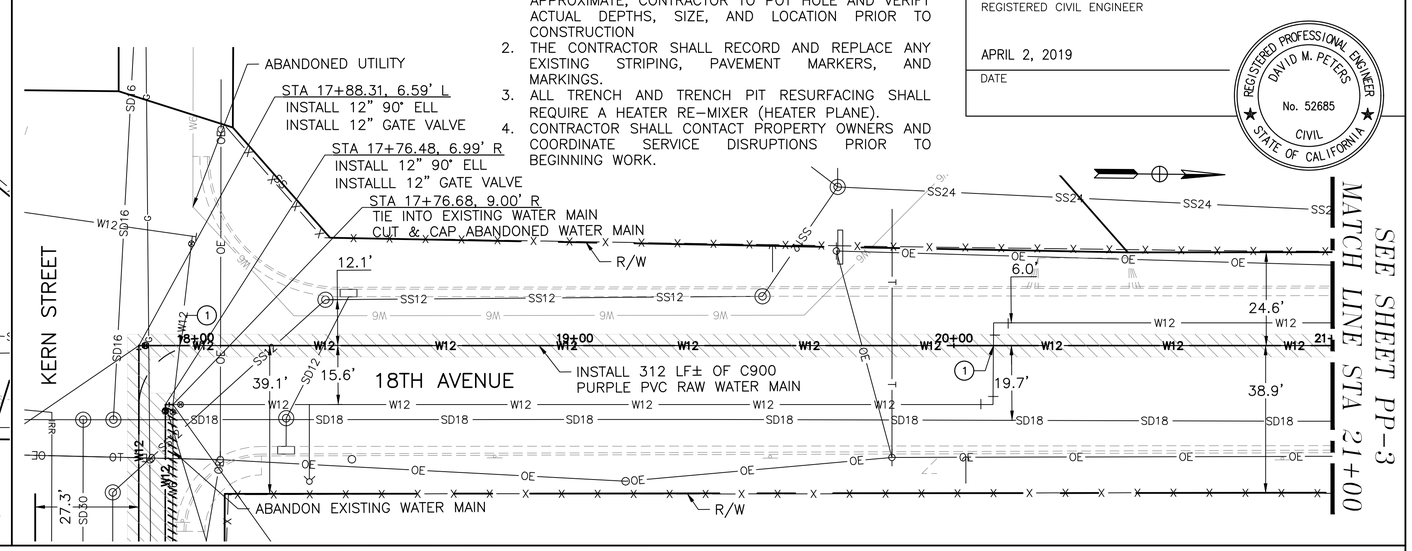
APRIL 2, 2019

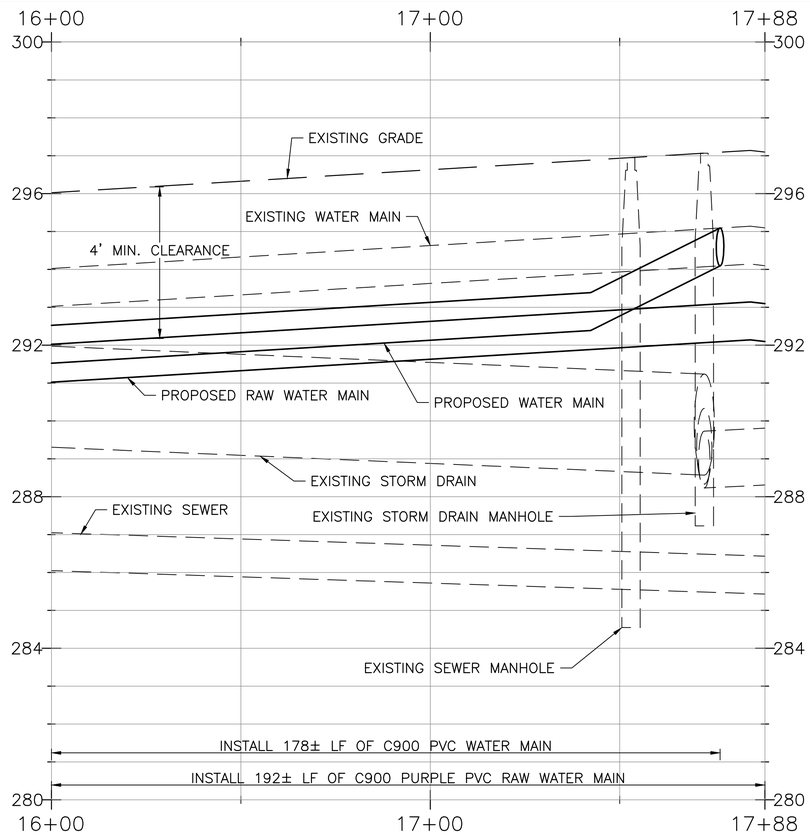
DATE

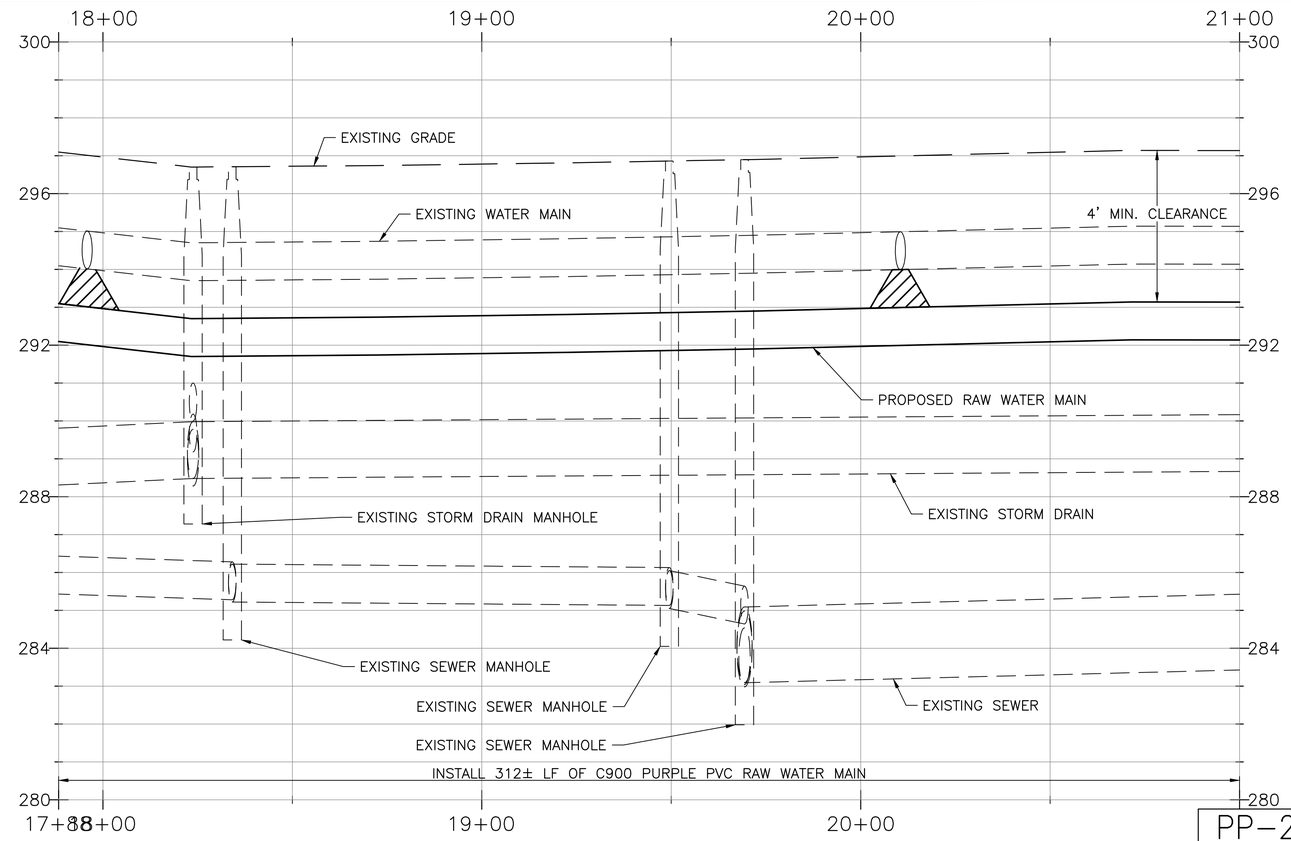
REGISTERED PROFESSIONAL ENGINEER DAVID M. PETERS No. 52685 CIVIL STATE OF CALIFORNIA

SHEET NO.	TOTAL SHEETS
3	6









PP-2

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'
0 10 20 30 40

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952 POLLASKY AVENUE
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PHONE (559) 299-1544
WWW.PETERS-ENGINEERING.COM

CITY OF KINGSBURG
1401 DRAPER STREET
KINGSBURG, CA 93631

	BY	
DESIGN	BY	SH
DRAWN	BY	SH
CHECKED	BY	WW

WELL 12 RAW WATER LINE IMPROVEMENTS
PLAN & PROFILE: STA 16+00 TO STA 21+00

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) 01/31

DWG: S:\2018\18-054\Acad\Planset\18-054 PP-1.dwg USER: shopstone DATE: Apr 02, 2019 3:11pm

LEGEND & KEYNOTES (APPLIES TO SHEETS PP-1 TO PP-4)

- TRENCH PATCH 5" HMA PER CITY STD. U-1
- INSTALL 12" GATE VALVE PER CITY ST. W-10
- (1) INSTALL 2-SACK SLURRY BETWEEN POTABLE AND RAW WATER LINE PER DETAIL (1/T-1)

NOTES TO CONTRACTOR:

1. ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE, CONTRACTOR TO POT HOLE AND VERIFY ACTUAL DEPTHS, SIZE, AND LOCATION PRIOR TO CONSTRUCTION
2. THE CONTRACTOR SHALL RECORD AND REPLACE ANY EXISTING STRIPING, PAVEMENT MARKERS, AND MARKINGS.
3. ALL TRENCH AND TRENCH PIT RESURFACING SHALL REQUIRE A HEATER RE-MIXER (HEATER PLANE).
4. CONTRACTOR SHALL CONTACT PROPERTY OWNERS AND COORDINATE SERVICE DISRUPTIONS PRIOR TO BEGINNING WORK.

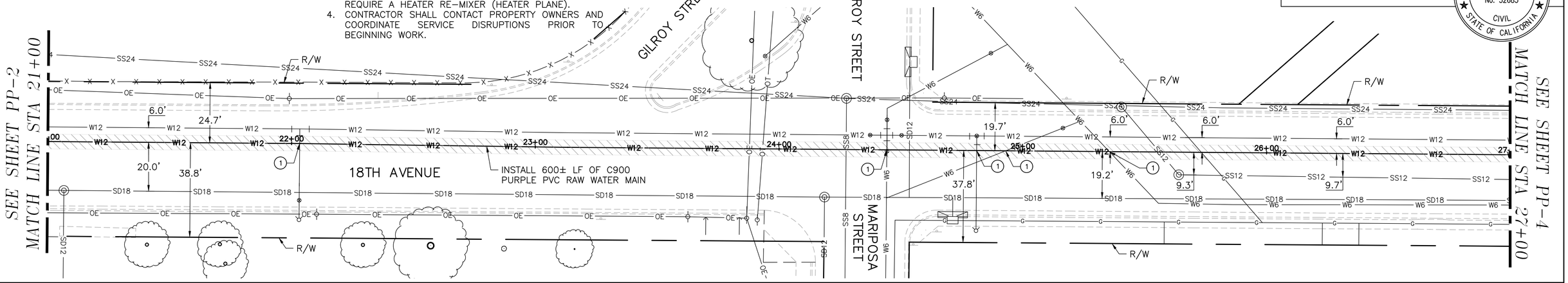
REGISTERED CIVIL ENGINEER

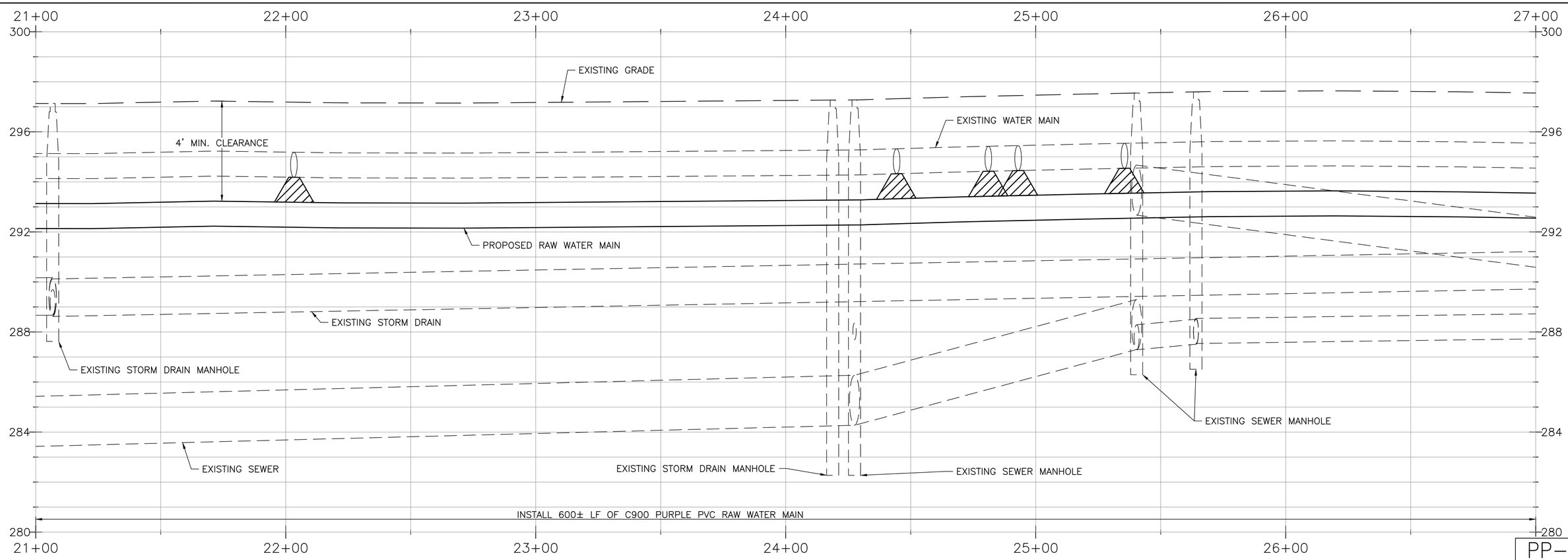
APRIL 2, 2019

DATE

REGISTERED PROFESSIONAL ENGINEER DAVID M. PETERS No. 52685 CIVIL STATE OF CALIFORNIA

SHEET NO.	TOTAL SHEETS
4	6





PP-3

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'
0 10 20 30 40

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952 POLLASKY AVENUE
CLOVIS, CALIFORNIA 93612
PHONE (559) 299-1544
WWW.PETERS-ENGINEERING.COM

CITY OF KINGSBURG
1401 DRAPER STREET
KINGSBURG, CA 93631

	BY	
DESIGN	BY	SH
DRAWN	BY	SH
CHECKED	BY	WW

WELL 12 RAW WATER LINE IMPROVEMENTS

PLAN & PROFILE: STA 21+00 TO STA 27+00

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

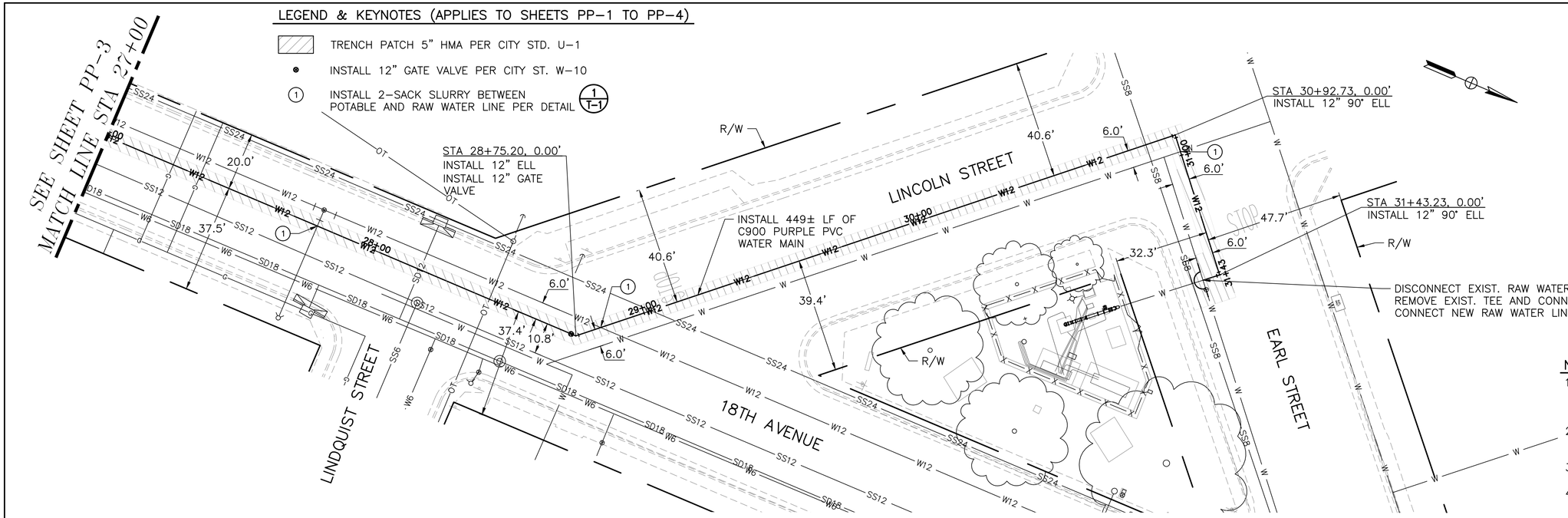
DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) 01/31

DWG: S:\2018\18-054\Acad\Planset\18-054 PP-1.dwg USER: shopstone DATE: Apr 02, 2019 3:12pm

LEGEND & KEYNOTES (APPLIES TO SHEETS PP-1 TO PP-4)

- TRENCH PATCH 5" HMA PER CITY STD. U-1
- INSTALL 12" GATE VALVE PER CITY ST. W-10
- (1) INSTALL 2-SACK SLURRY BETWEEN POTABLE AND RAW WATER LINE PER DETAIL 1/T-1



REGISTERED CIVIL ENGINEER

APRIL 2, 2019

DATE

REGISTERED PROFESSIONAL ENGINEER DAVID M. PETERS No. 52685 CIVIL STATE OF CALIFORNIA

SHEET NO.	TOTAL SHEETS
5	6

NOTES TO CONTRACTOR:

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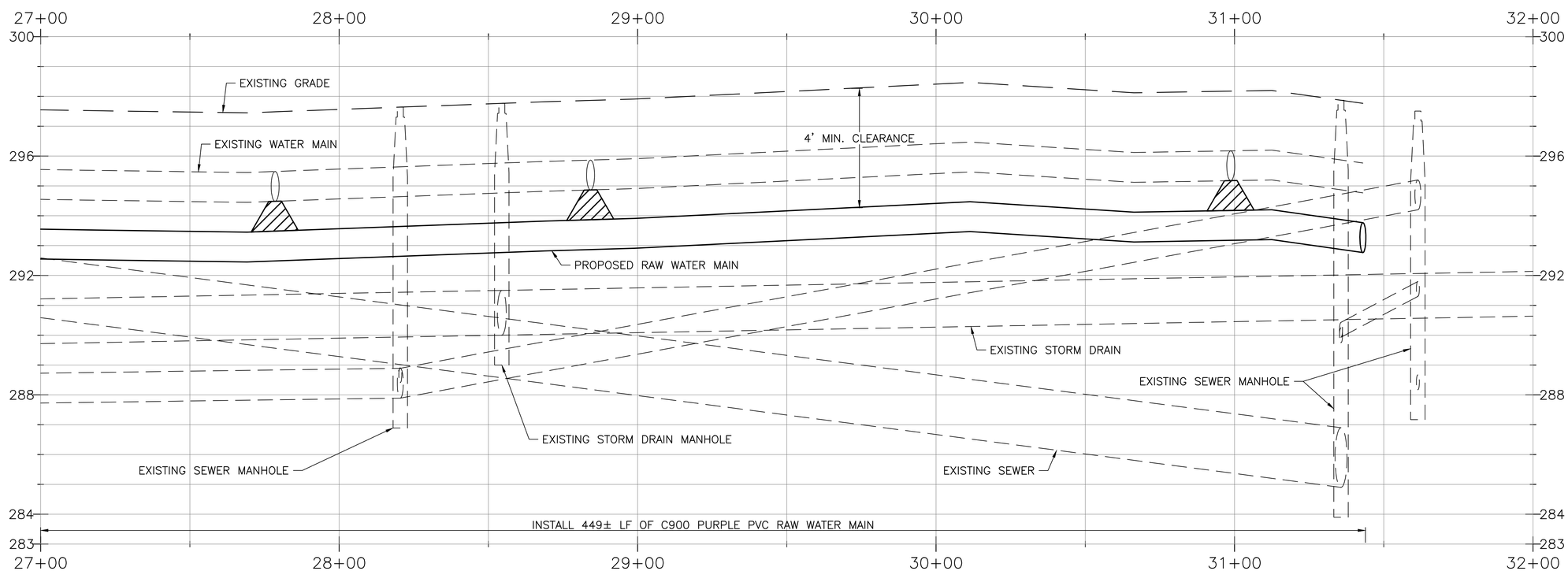
2. THE CONTRACTOR SHALL RECORD AND REPLACE ANY EXISTING STRIPING, PAVEMENT MARKERS, AND MARKINGS.
3. ALL TRENCH AND TRENCH PIT RESURFACING SHALL REQUIRE A HEATER RE-MIXER (HEATER PLANE).
4. CONTRACTOR SHALL CONTACT PROPERTY OWNERS AND COORDINATE SERVICE DISRUPTIONS PRIOR TO BEGINNING WORK.



PP-4

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'
0 10 20 30 40

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PHONE (559) 299-1544
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CITY OF KINGSBURG
1401 DRAPER STREET
KINGSBURG, CA 93631

	BY	
DESIGN	BY	SH
DRAWN	BY	SH
CHECKED	BY	WW

WELL 12 RAW WATER LINE IMPROVEMENTS
PLAN & PROFILE: STA 27+00 TO STA 32+00

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)
01/31

DWG: S:\2018\18-054\Acad\Planset\18-054 PP-1.dwg USER: shopstone DATE: Apr 02, 2019 3:12pm

LEGEND & KEYNOTES (APPLIES TO THIS SHEET ONLY)

- (#) PAVEMENT DELINEATION DETAIL TO BE INSTALLED PER STATE STD. PLANS
- (1) INSTALL 12" CROSSWALK STRIPING PER STATE STD. PLAN A24F (WHITE, UNLESS NOTED OTHERWISE ON PLANS). CROSSWALK WIDTH SHALL BE 12' OUTSIDE EDGE TO OUTSIDE EDGE.
- (2) INSTALL 12" LIMIT LINE STRIPING PER STATE STD. PLAN A24E.
- ME MATCH EXISTING STRIPE
- AP ANGLE POINT
- TRENCH PATCH 5" THICK HMA PER CITY ST. U-1
- INSTALL TYPE IV (L) OR (R) ARROW PER STATE STD. PLAN A24A.
- STOP INSTALL "STOP" PAVEMENT MARKING PER STATE STD. PLAN A24D.
- SCHOOL INSTALL "SCHOOL" PAVEMENT MARKING PER STATE STD. PLAN A24D.
- SLOW INSTALL "SLOW" PAVEMENT MARKING PER STATE STD. A24D.
- XING INSTALL "XING" PAVEMENT MARKING PER STATE STD. A24D.

NOTES TO CONTRACTOR:

1. ALL STRIPING WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014 CALIFORNIA MUTCD), UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
2. ALL PAVEMENT MARKINGS, CROSSWALKS, LIMIT LINES, SHALL BE THERMOPLASTIC. TRAFFIC STRIPES SHALL BE PAINT (2 COATS) UNLESS OTHERWISE DIRECTED BY THE CITY.
3. THE CONTRACTOR IS RESPONSIBLE TO RECORD AND DOCUMENT AS NECESSARY EXISTING STRIPING, PAVEMENT MARKERS AND MARKINGS, BLUE DOT MARKERS FOR FIRE HYDRANTS IN ORDER TO REPLACE THE STRIPING, PAVEMENT MARKERS AND MARKINGS IN KIND.
4. THE PLANS ARE ACCURATE FOR STRIPING ONLY.
5. PERMANENT STRIPING, PAVEMENT MARKINGS, AND PAVEMENT MARKERS SHALL BE INSTALLED 7 DAYS AFTER NEW HMA IS PLACED.

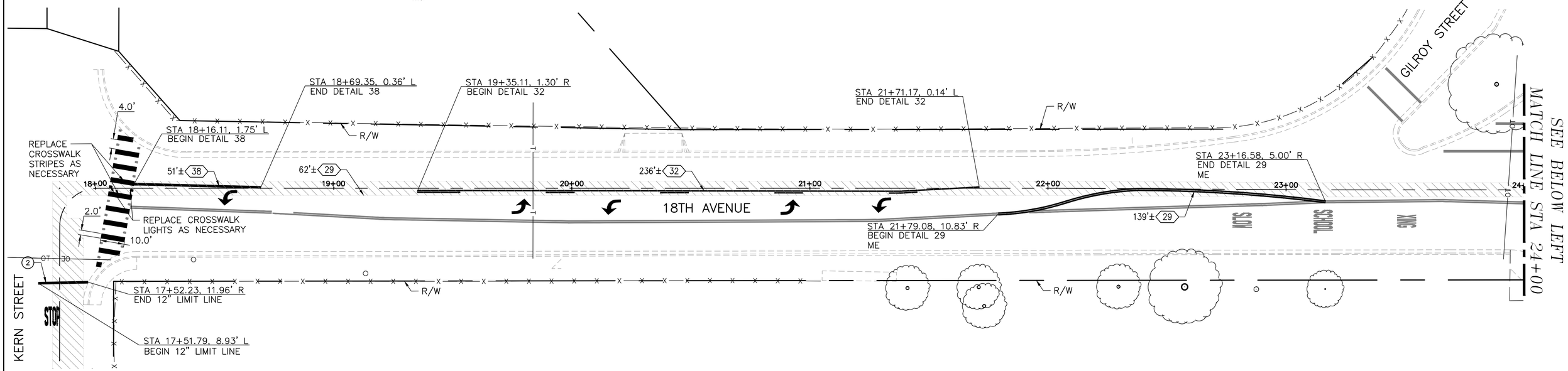
SHEET NO.	TOTAL SHEETS
6	6

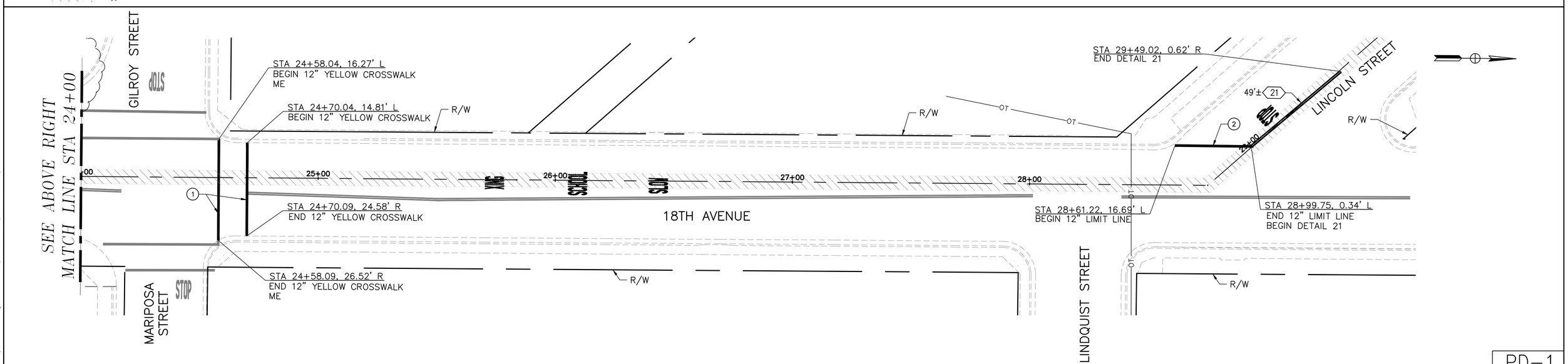
REGISTERED CIVIL ENGINEER

APRIL 2, 2019

DATE

REGISTERED PROFESSIONAL ENGINEER DAVID M. PETERS No. 52685 CIVIL STATE OF CALIFORNIA





PD-1

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'
0 10 20 30 40

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CITY OF KINGSBURG
1401 DRAPER STREET
KINGSBURG, CA 93631

	BY
DESIGN	SH
DRAWN	SH
CHECKED	WW

WELL 12 RAW WATER LINE IMPROVEMENTS
PAVEMENT DELINEATION

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)
01/31

DWG: S:\2018\18-054\Acad\Planset\18-054 PD-1.dwg USER: shopstone DATE: Apr 02, 2019 3:12pm