

PLAZA STREET PARTNERS LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 3

LOCATED IN THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH,
RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN,
CITY OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

PARKER WATER AND SANITATION CONSTRUCTION PLANS

MARCH 2023

PROJECT CONTACTS

PROPERTY OWNER – DEVELOPER

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PRAIRIE VILLAGE, KS 66208
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EMAIL: RSASS@PLAZASTREETPARTNERS.COM

APPLICANT

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GREENWOOD VILLAGE, CO 80111
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CITY & UTILITY CONTACTS

ENGINEERING

TOWN OF PARKER – ENGINEERING
20120 E. MAIN STREET
PARKER, CO 80138
TEL: (303) 805-3169
CONTACT: RANDY CAPRA

STORMWATER

CITY OF COLORADO SPRINGS
30 SOUTH NEVADA AVE., SUITE 401
COLORADO SPRINGS, CO 80901
TELE: (719) 385-5980
CONTACT: –
EMAIL: –

FIRE

SOUTH METRO FIRE RESCUE AUTHORITY
9195 E. MINERAL AVE.
CENTENNIAL, CO 80112
TEL: (720) 989-2244
CONTACT: CHIP KERKHOVE

WATER & SANITARY SEWER

PARKER WATER AND SANITATION DISTRICT
1800 E. WOODMAN DRIVE
PARKER, CO 80134
TEL: (303) 841-4627
CONTACT: DRAYTON SANDERSON

GAS

XCEL ENERGY
1800 LARIMER STREET
DENVER, CO 80202
EMAIL: RON.F.JOHNSON@XCELENERGY.COM
CONTACT: RON JOHNSON

ELECTRIC

INTERMOUNTAIN RURAL ELECTRIC ASSOCIATION
5496 NORTH US HIGHWAY 85
SEDALJA, CO 80135
TEL (303) 688-3100
CONTACT: AMANDA STEINER

TELEVISION

COMCAST
1601 MILE HIGH STADIUM CIRCLE
DENVER, CO 80204
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1801 CALIFORNIA STREET, SUITE 240
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VICINITY MAP
(NOT TO SCALE)

SHEET INDEX		
SHEET NUMBER	SHEET DESCRIPTION	SHEET TITLE
1	U.0	UTILITY COVER SHEET
2	U.1	UTILITY SITE PLAN
3	U.2	UTILITY DETAILS
4	U.3	UTILITY DETAILS
5	U.4	WATER PLAN
6	U.5	SANITARY PLAN

PWSD DISTRICT ACCEPTANCE NOTES

- UPON COMPLETION OF SANITARY SEWER AND WATER CONSTRUCTION AND TESTING, THE DEVELOPER OR CONTRACTOR SHALL CONTACT THE DISTRICT FOR PROBATIONARY ACCEPTANCE INSPECTION. A PUNCHLIST WILL BE PROVIDED THE DEVELOPER AND CONTRACTOR UPON COMPLETION OF THE INITIAL WALK-THROUGH AND PROBATIONARY ACCEPTANCE WILL BE ISSUED FOLLOWING COMPLETION AND ACCEPTANCE OF THE WORK OUTLINED IN THE PUNCHLIST.
- THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER FUNCTIONING OF THE LINES FOR UP TO 1-YEAR FROM THE DATE OF PROBATIONARY ACCEPTANCE OF THE LINES BY THE DISTRICT. ANY MALFUNCTION DURING THIS PERIOD OF GUARANTEE SHALL BE REMEDIED BY THE CONTRACTOR TO THE SATISFACTION OF THE DISTRICT ENGINEER AT NO EXPENSE TO THE DISTRICT.
- THE DATE OF FINAL ACCEPTANCE WILL BE INDICATED IN THE CONDITIONS OF THE PROBATIONARY ACCEPTANCE LETTER. THE DEVELOPER SHALL BE RESPONSIBLE FOR CONTACTING THE DISTRICT FOR FINAL INSPECTION AND FINAL ACCEPTANCE.

FIRE NOTES

- IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN DRIVE LANES FOR EMERGENCY VEHICLE INGRESS AND EGRESS, INCLUDING SNOW REMOVAL.
- EMERGENCY VEHICLE ACCESS ROAD IS REQUIRED TO ALLOW ACCESS WITHIN 150' OF ALL EXTERIOR OF THE BUILDING BY AN APPROVED ROUTE.
- FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRES APPARATUS AND SHALL BE PROVIDED WITH A SURFACE SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES. ACCESS ROAD SHALL BE EITHER CONCRETE, ASPHALT, OR OTHER APPROVED ALTERNATIVE MATERIAL ACCOMPANIED WITH AN ENGINEER'S STAMP STATING THE MATERIAL WILL MEET A 75,000 LBS IMPOSED LOAD.
- FIRE HYDRANT(S) ARE REQUIRED TO BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF VERTICAL CONSTRUCTION.
- NO PARKING FIRE LANE SIGNS ARE REQUIRED IN AREAS THAT MEET THE FOLLOWING CRITERIA AND IN AREAS DESIGNATED BY THE FIRE PREVENTION BUREAU. SIGNS SHALL BE POSTED ON BOTH SIDES OF FIRE DEPARTMENT ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS LESS THAN 26 FEET WIDE. SIGNS SHALL BE POSTED ON ONE SIDE ONLY OF FIRE DEPARTMENT ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS BETWEEN 26 FEET WIDE AND 32 FEET WIDE. NO SIGNAGE IS REQUIRED FOR ACCESS ROADWAY FIRE DEPARTMENT ACCESS ROADWAYS, PUBLIC OR PRIVATE ROADWAYS OR DRIVEWAYS EXCEEDING 32 FEET WIDE.
- WHEN FIRE APPARATUS ACCESS ROADS OR A WATER SUPPLY FOR FIRE PROTECTION IS REQUIRED TO BE INSTALLED, SUCH PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO BUILDING CONSTRUCTION GOING VERTICAL.

PWSD WATER MAIN NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE PWSD ENGINEERING STANDARDS AND SPECIFICATIONS, LATEST REVISION.
- ALL WATER MAINS SHALL BE PER PWSD MATERIALS SPECIFICATIONS. ALL MATERIALS IN CONTACT WITH POTABLE WATER SHALL BE SUITABLE FOR CHLORINATED AND CHLORAMINATED WATER.
- ALL BENDS, PLUGS, REDUCERS, AND FIRE HYDRANTS TO BE RODDED OR MEGA-LUGGED. ALL FITTINGS SHALL BE WRAPPED PER PWSD MATERIALS SPECIFICATIONS.
- THERE SHALL BE A MINIMUM COVER OF 4.5 FEET OVER ALL WATER MAINS.
- FIRE HYDRANTS SHALL CONFORM TO ANWA C-502 "DRY BARREL FIRE HYDRANTS" PIPE HYDRANT ASSEMBLIES PER PWSD SPECIFICATIONS.
- ALL BENDS, TEES, FIRE HYDRANTS, BLOW-OFFS, AND PLUGS AT DEAD-END MAINS SHALL BE PROTECTED FROM THRUST WITH CONCRETE THRUST BLOCKS.
- PRECAUTIONS SHALL BE TAKEN TO PROTECT THE INTERIOR OF PIPES, FITTINGS, AND VALVES AGAINST CONTAMINATION. ALL OPENINGS IN THE PIPELINE SHALL BE CLOSED WITH WATERTIGHT PLUGS WHEN PIPE LAYING IS STOPPED AT THE CLOSE OF THE DAY'S WORK OR FOR OTHER REASONS, SUCH AS REST BREAKS OR MEAL PERIODS.
- VALVES IN STREETS ARE TO BE LOCATED AT PROPERTY LINE EXTENSIONS EXCEPT FOR TAPPING TEES, WHERE AN ADDITIONAL VALVE SHALL BE PLACED ON THE TAPPING TEE. OTHER LOCATIONS SHOWN ON THE PLANS.
- WHEN NECESSARY TO LOWER OR RAISE WATER LINES AT STORM DRAINS AND OTHER UTILITY CROSSING, A MINIMUM CLEARANCE OF 1.5 FEET SHALL BE MAINTAINED BETWEEN OUTSIDE OF PIPES.
- THE CONTRACTOR SHALL NOTIFY THE PWSD AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. IF WORK IS SUSPENDED FOR ANY PERIOD OF TIME AFTER INITIAL START-UP, THE CONTRACTOR MUST NOTIFY THE DISTRICT ENGINEER 48 HOURS PRIOR TO RE-START.
- PIPE BEDDING SHALL BE A CLEAN, WELL-GRADED SAND OR SQUEEGEE SAND IN ACCORDANCE WITH PWSD STANDARDS AND SPECIFICATIONS, LATEST REVISION.
- THE CONTRACTOR SHALL NOTIFY THE PUBLIC UTILITY COMPANIES AND DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO PROCEEDING WITH THE EXCAVATION. ALL WORK PERFORMED IN THE AREA OF THE PUBLIC UTILITIES SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS OF THESE AGENCIES.
- COMPACTION OF ALL TRENCHES MUST BE ATTAINED IN ACCORDANCE WITH THE SOILS REPORTS AND COMPACTION TEST RESULTS SUBMITTED TO THE DISTRICT ENGINEER PRIOR TO PROBATIONARY ACCEPTANCE.
- AT LEAST FIVE (5) DAYS PRIOR TO THE START OF CONSTRUCTION, A PRE-CONSTRUCTION MEETING WILL BE HELD AT THE OFFICE OF THE DISTRICT ENGINEER AND ATTENDED BY THE CONTRACTOR, DESIGN ENGINEER, AND REPRESENTATIVE OF OTHER APPROVING AGENCIES.
- CHLORINATION AND FLUSHING: ALL WATER MAINS SHALL BE INSTALLED AND CHLORINATED PER PWSD SPECIFICATIONS. CHLORINATION OF FINISHED PIPELINE COMPLETED BEFORE HYDROSTATIC TESTING.
- HYDROSTATIC TESTING: ALL WATER MAINS SHALL BE TESTED PER THE REQUIREMENTS OF THE PWSD SPECIFICATIONS UP TO MINIMUM OF 150 PSI IN THE PRESENCE OF A PWSD INSPECTOR/ENGINEER.

THE DISTRICT INSPECTOR MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION. CALL PARKER WATER AND SANITATION DISTRICT AT 303-841-4627. THE DISTRICT WILL PROVIDE PERIODIC INSPECTIONS OF THE WORK. 24 HOUR NOTICE TO THE INSPECTOR IS REQUIRED FOR SCHEDULING INSPECTIONS.

ANY WORK ACCOMPLISHED WITHOUT THE APPROVAL OF THE INSPECTOR WILL BE SUBJECT TO REJECTION.

REVIEWED FOR CONFORMANCE TO PARKER WATER AND SANITATION DISTRICT STANDARDS.

BY: _____
(DISTRICT REPRESENTATIVE)

DATE: _____

APPROVED FOR CONSTRUCTION:
PARKER WATER AND SANITATION DISTRICT

BY: _____
(DISTRICT ENGINEER)

DATE: _____

MATERIALS SPECIFICATIONS	
MATERIAL SPECIFICATION	DESCRIPTION
MS-W1, MS-S1, MS-S4	PIPE TYPE – PVC
MS-W2	PIPE TYPE – DUCTILE IRON
MS-W7	TAPPING SLEEVES
MS-W3, MS-S5	FITTINGS
MS-W17, MS-W18	WATER METER
MS-S3	CASTINGS

SUMMARY OF QUANTITIES (WATER)	
DESCRIPTION	QUANTITY
CONNECT TO EXISTING WATER LINE	1 LS
1-1/2" COPPER WATER SERVICE	129 LF
WATER VALVE	1 EA
TEE	1 EA

SUMMARY OF QUANTITIES (SANITARY)	
DESCRIPTION	QUANTITY
CONNECT TO EXISTING SANITARY SEWER LINE	1 EA
4" PVC SANITARY SEWER LINE	155 LF
ONE-WAY CLEANOUT	4 EA
SINGLE CLEANOUT	5 EA
4" WTE	4 EA
GREASE INTERCEPTOR	1 EA

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO WATER UTILITY STANDARDS. THE NUMBER AND LOCATIONS OF THE FIRE HYDRANTS AS SHOWN ON THE OVERALL UTILITY PLAN ARE CORRECT AS SPECIFIED BY THE TOWN OF PARKER, COMMUNITY DEVELOPMENT DEPARTMENT.

FIRE CODE OFFICIAL OR DESIGNATED REPRESENTATIVE _____ DATE _____

(NOTE – UNDERGROUND FIRE LINE (UFL) SUBMITTAL DOCUMENTS MUST MEET THE REQUIREMENTS OF NFPA 24 WHEN SUBMITTING FOR REVIEW.)

#	Date	Issue / Description	Init.
1	08/23/22	1ST SUBMITTAL	SMB
2	12/14/22	2ND SUBMITTAL	SMB
3	03/08/23	3RD SUBMITTAL	SMB
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THIS REVIEW DOES NOT CONSTITUTE APPROVAL OF ANY PRIVATE ON-SITE IMPROVEMENTS WHICH MAY BE SHOWN. CONSTRUCTION CANNOT COMMENCE UNTIL ALL REQUIRED DRAINAGE/TRAFFIC REPORT(S), FINAL DEVELOPMENT PLAN(S), SPECIAL REVIEW(S), GRADING PERMIT, AND/OR OTHER PERMITS ARE COMPLETE, APPROVED AND ON FILE WITH THE TOWN OF PARKER.

TOWN OF PARKER, DIRECTOR OF ENGINEERING _____ DATE _____

BENCHMARK

BENCHMARK IS A 1/2" DIA BRASS CAP IN HEAD WALL (BG-1) NEAR PARKER ROAD AND BALDWIN AVE, ELEV=5841.07 NAVD88

BASIS OF BEARINGS

BEARINGS ARE BASED OFF THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS MONUMENTED AT BOTH THE NORTHWEST QUARTER CORNER AND THE NORTH QUARTER CORNER BY 3.25" ALUMINUM CAPS, ASSUMED TO BEAR SOUTH 89°29'00" WEST.

CAUTION – NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Galloway

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PLAZA STREET PARTNERS
CIVIL CONSTRUCTION DRAWINGS

PARKER COLORADO

#	Date	Issue / Description	Init.
1	08/23/22	1ST SUBMITTAL	SMB
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3	03/08/23	3RD SUBMITTAL	SMB
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Project No: PSP00001

Drawn By: JRC

Checked By: SMB

Date: 08/15/2022

COVER SHEET

U.0
Sheet 1 of 6

PLAZA STREET PARTNERS LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 3

LOCATED IN THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH,
RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN,
CITY OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

PARKER WATER AND SANITATION CONSTRUCTION PLANS

MARCH 2023

PIPE BEDDING

(c) Installation of Bedding and Pipe: After completion of the trench excavation and proper preparation of the foundation, six inches (6") of bedding material shall be placed on the trench bottom for support under the pipe. Bed holes shall be dug deep enough to provide a minimum of two inches (2") of clearance between the bell and bedding material. All pipe shall be installed in such a manner as to insure full support of the pipe along its entire length. After the pipe is adjusted for line and grade, and the joint is made, the bedding material shall be carefully placed and tamped under the haunches of the pipe and in the previously dug bell holes.

Tamping is herein defined as the act of placing approved bedding material under the haunches of the pipe, paying particular attention to voids, bell holes, and ring holes. The purpose of tamping is to ensure uniform support for the pipe.

The limits of bedding shall be from six inches (6") below the bottom of the pipe to twelve inches (12") above the top of the pipe. Approved backfill may then be installed to the groundline. See Chapter 2 of these Standards for details and composition of backfill.

Composition of bedding is not required. The only requirement is sufficient tamping to achieve uniform support under the pipe. See Sheet W4.1 of the Standards for details for a typical trench cross section.

(d) Bedding Material: The bedding material shall be a clean well-graded sand or squeegee sand and shall conform to the following limits when tested by means of laboratory sieves:

Well-Graded Sand (for 24-inch or larger diameter)

Sieve Size	Total Percent Passing by Weight
No. 4	100
No. 8	70-100
No. 16	30-80
No. 30	8-40
No. 50	2-30
No. 100	1-10
No. 200	0-3

Squeegee Sand (for use with 20-inch or smaller)

Sieve Size	Total Percent Passing by Weight
No. 4	100
No. 8	70-100
No. 16	30-80
No. 30	8-40
No. 50	2-30
No. 100	1-10
No. 200	0-3

If approved by the District, fines from the trench walls and spoils pile may be used to provide uniform support for the pipe. No rock or stone larger than that allowed by the sieve analysis, or any other detrimental substance, shall be placed closer to the pipe than six inches (6"). Approved bedding materials shall be stockpiled on the jobsite to be used in the event normal materials become unsatisfactory. The District reserves the right to require the use of the specified bedding material at any time.

PARKER WATER & SANITATION DISTRICT
PIPE BEDDING

SCALE: NONE DATE: 2/98
APPROVED: PWR 5/98
DIRECTOR OF ENGINEERING 1/16

2016 REVISION SHEET W4.2

PROTECTIVE PAPER WRAPPER IS LEFT IN PLACE UNTIL LOWERING AND INSTALLATION

*THE SEALANT MUST BE APPLIED AT A TEMPERATURE OF 35 DEGREES FARENHEIT OR HIGHER

CHIMNEY SECTION SHALL BE FULLY CENTERED

24" C.I. MH RING & COVER LID MAY HAVE NO PROTRUSIONS ABOVE MH RIM LEVEL

CONCRETE COLLAR (WHEN NOT IN PAVEMENT)

CHIMNEY 20" MAX

CONCRETE RINGS SET IN RANNEK - 12" MAX

ECCENTRIC CONE (CONCENTRIC CONE MAY NOT BE USED)

REINFORCEMENT ASTM C-475

SHOULDER JOINT W/ ASPHALTIC SEALANT (TYP)

12" MIN. 18" MAX O.C. NO STAGGER

PRECAST RINGS

TO SEWER MAIN

POURED IN PLACE BASE

MANHOLE I.D. + 16"

#4 @ 12" OR 6" X 6" - 0/0 W.W.F.

NOTE: SEAL INSIDE WITH MORTAR (TYP. ALL INTERIOR SEAMS)

PARKER WATER & SANITATION DISTRICT
SAMPLING MANHOLE

SCALE: NONE DATE: 2/98
APPROVED: PWR 2/00
DIRECTOR OF ENGINEERING 1/16

2016 REVISION SHEET S3.3

NOTE: TAPS IN STAGGERED CONFIGURATION AT 10 O'CLOCK AND 2 O'CLOCK

WYE

SECTION A - A

10 O'CLOCK

2 O'CLOCK

DISTRICT RESPONSIBILITY

SEWER SERVICE CONNECTIONS shall be positioned at either the 2 o'clock or the 10 o'clock position on the circumference of the sewer main. On new installations, tee or wye fittings shall be used when tapping into existing sewer main, a saddle connection and approved coring method shall be used. The minimum distance between service connections made along the pipe shall be 3 feet. The minimum distance from either the bell or spigot end of a pipe shall be 3 feet. The minimum distance from the center of a manhole to a service connection shall be either 7 feet or the transition point from the manhole trench to the normal pipe trench, whichever is greater. A maximum of 4 sewer service connections shall be allowed per 20 foot length of pipe. In all cases, a specific soils investigation should be conducted to assure that the external loading will be within allowable limits regardless of the number of taps involved.

DOMESTIC SEWER TAPPING DETAIL

PARKER WATER & SANITATION DISTRICT
DOMESTIC SEWER TAPPING DETAIL

SCALE: NONE DATE: 2/98
APPROVED: PWR 4/08
DIRECTOR OF ENGINEERING 10/16

2016 REVISION SHEET S4.13

SADDLE CONNECTION

SIDE VIEW

DISTRICT RESPONSIBILITY

PIPE JOINT (W/ ELASTOMERIC SEAL)

SECTION QUADRANT 1 SHOWN

STRAP GUIDES

RUBBER GASKET

PIPE WALL

STAINLESS STEEL STRAP TO BE PLACED AT RIGHT ANGLES TO PIPE SURFACE (5 FT-LBS TORQUE)

REVEL THIS SIDE OF HOLE IN PIPE AT A 45° ANGLE SO THAT SADDLE STEM WILL FIT PROPERLY

Y - SADDLE DETAIL

NOTES:

- SADDLE FITTINGS TO BE PER ASTM D3034.
- CONNECTION SHALL BE Y - SADDLE WITH TWO BONDS

PARKER WATER & SANITATION DISTRICT
P.V.C. SADDLE CONNECTION DETAIL

SCALE: NONE DATE: 2/98
APPROVED: PWR 1/16
DIRECTOR OF ENGINEERING 10/16

2016 REVISION SHEET S4.14

LOCATION (TYP.)

PRIMARY CHAMBER

SECONDARY CHAMBER

PLAN

PIPE O.D. +2"

8" MIN. FROM BLDG.

VENT TO OUTSIDE OF BUILDING

PRECAST REINFORCED CONCRETE TOP SLAB (REMOVABLE)

LIFTING RINGS AT 4 CORNERS

24" STD. COVER

SEE DETAIL "A"

AS-REQUIRED (12" MIN.)

WATER BAFLE WALL

90° BEND AND LIQUID DEPTH IS 8"

8" MIN. CONCRETE FLEET ALL AROUND

STEEL REINFORCEMENT IN TOP AND BOTTOM SLABS AND WALL TO BE SPECIFIED BY ARCH/ENG. FOR H-20 LOADS.

SECTION

TO SAMPLER MANHOLE NOTE 1

CAPACITY CHART

TOTAL WATER GREASE CAP. (GALLONS)	CAP. APPROX. (CU. FT.)	DIMENSIONS (INCHES)					
		W	L	A	B	C	D
1100	41	72	96	84	32	40	42
1600	64	72	144	96	48	40	42
1840	103	72	144	96	48	48	48
2080	117	72	144	96	48	52	54
2320	130	72	144	96	48	56	58
3040	183	72	144	96	48	78	78
3280	202	72	144	96	48	82	84
3520	216	72	144	96	48	88	90

1. SAMPLE MANHOLE SHALL BE LESS THAN 20 FEET FROM CLEANOUT.

PARKER WATER & SANITATION DISTRICT
COMMERCIAL GREASE INTERCEPTOR

SCALE: NONE DATE: 2/98
APPROVED: PWR 6/02
DIRECTOR OF ENGINEERING 10/16

2016 REVISION SHEET S5.2

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CIVIL CONSTRUCTION DRAWINGS

PARKER COLORADO

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Project No: PSP00001
Drawn By: JMC
Checked By: SMB
Date: 08/15/2022

UTILITY DETAILS

U.3
Sheet 4 of 6

H:\PWA\Sheet\Partner\CO_PWA_Civil\Utility\Details\DWG_PWA_S4.14.dwg (Date: 2/15/2023)

