APPROVED J. SKEEN AS SHOWN DWG. NO. 045-21 SITE REV3

GENERAL NOTES: 1. CONTRACTOR SHALL HAVE A CURRENT SET OF CONSTRUCTION PLANS STAMPED BY THE ENGINEER WITH AN APPROVAL

- 2. ALL CONSTRUCTION SHALL CONFORM TO THE 2020 IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, THE CITY OF JEROME AND ALL OTHER LOCAL, STATE AND FEDERAL AGENCIES WHICH ARE APPLICABLE UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM RUNOFF AND OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH SITE CONSTRUCTION. THE CONTRACTOR, AND EACH SUBCONTRACTOR, SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REMOVAL FROM THE JOB-SITE ANY TRASH OR EXCESS MATERIAL CREATED BY THE PERFORMANCE OF THEIR WORK. SUCH MATERIAL SHALL BE PLACED IN A DUMPSTER OR SIMILAR DEVICE PROVIDED
- BY THE CONTRACTOR OR TRANSPORTED FROM THE JOB-SITE. RECORDED AND/OR FILED SURVEY MONUMENTS EXIST WITHIN THE LIMITS OF THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND/OR HAVE ANY MONUMENTS DISTURBED, DESTROYED OR REMOVED DURING CONSTRUCTION, REESTABLISHED AND RE-MONUMENTED BY A PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH IDAPA 55-1613. THE COST TO REESTABLISH SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE THE
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND INGRESS AND EGRESS TO SAID CONSTRUCTION. . CONTRACTOR SHALL REMOVE AND SORT ALL ON-SITE EXCAVATED NATIVE MATERIAL AND USE SUITABLE MATERIAL WHERE DESIGNATED ON THE CONSTRUCTION PLANS AS REQUIRING FILL MATERIAL. FILL SHALL BE PLACED AND COMPACTED BY METHODS APPROVED BY THE CITY OF JEROME AND APPROVED BY THE DESIGN ENGINEER. ALL STRIPPINGS NOT SUITABLE FOR FILL MATERIAL ON LOTS OR ROADWAYS SHALL BE USED AS DIRECTED BY THE ENGINEER
- EXISTING UTILITIES ARE LOCATED ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND.
- 3. POWER/LIGHT POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
- D. AFFECTED UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CALL 'DIGLINE' 48 HOURS PRIOR TO COMMENCING WORK.
- 10. MODIFICATIONS OF EXISTING UTILITIES SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS 11. THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.
- 12. ALL CHANGES REQUIRE APPROVAL BY THE PROJECT ENGINEER AND THE CITY ENGINEER. THE ENGINEER TAKES NO RESPONSIBILITY FOR ANY DEVIATIONS FROM THESE PLANS UNLESS AUTHORIZED, IN WRITING. BY THE ENGINEER. 13. IDAHO CODE 39-118 REQUIRES IDAHO DEPT. OF ENVIRONMENTAL QUALITY (IDEQ) APPROVAL PRIOR TO CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE COMPLIANCE. 14. PIPE TRENCHING AND BEDDING AND FIRE HYDRANT INSTALLATIONS SHALL COMPLY WITH THE AFOREMENTIONED
- 15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FILL OUT AND SUBMIT A NOTICE OF INTENT (NOI) TO EPA AND HAVE A COPY OF THE POLLUTION PREVENTION PLAN AVAILABLE AT THE JOBSITE PRIOR TO CONSTRUCTION. SEE WEBSITE https://www.epa.gov/npdes/stormwater-discharges-construction-activities. QUESTIONS REGARDING THIS REQUIREMENT MAY BÉ REFERRED TO MISHA VAKOC OF EPA AT. (206) 553-6650. 16. DEVELOPER WILL PROVIDE ONE SET OF CONSTRUCTION STAKES ONLY. ANY SUBSEQUENT STAKING & COSTS INCURRE
- WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. 17. TRAFFIC CONTROL & SIGNAGE FOR SUCH SHALL BE INCIDENTAL TO THE CONTRACT AND BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE PROJECT ENGINEER PRIOR TO COMMENCING WORK.

UTILITY SERVICE NOTES:

OR DISCARDED OFF-SITE AT THE CONTRACTOR'S EXPENSE.

- ALL WATER SERVICE LOCATIONS TO BE INSTALLED WITH A BURY DEPTH OF 5 FEET FROM FINISHED GRADE TO STATIONS, OFFSETS, AND ELEVATIONS SHOWN. WHERE OFFSETS ARE NOT GIVEN THE CONTRACTOR SHALL INSTALL THE WATER OR P.I. SERVICE BOX SO THAT THE FACE OF THE RISER IS LOCATED 12" TO 18" FROM BACK OF SIDEWALK. ALL SEWER
- SERVICES TO BE INSTALLED TO STATIONS AND OFFSETS SHOWN. . ALL SEWER SERVICE STUBS SHALL BE LOCATED WITH A 'T' FENCE POST, PAINTED GREEN. SERVICE STAMPS ON CURB SHALL BE IN ACCORDANCE WITH CITY OF JEROME STANDARDS.

WATER NOTES.

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH TEN STATES STD'S, THE 2020 IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, THE UNIFORM PLUMBING CODE, THE CITY OF JEROME REVISIONS TO THE 2020 ISPWC AND ALL OTHER APPLICABLE AGENCIES UNLESS OTHERWISE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THESE STANDARDS. 2. NO OTHER UTILITY LINES MAY BE PLACED IN THE SAME TRENCH WITH WATER LINES.
- 3. ANY CONFLICT WITH EXISTING UTILITIES SHALL BE IMMEDIATELY CALLED TO THE ATTENTION OF THE ENGINEER. 4. ALL WATER MAIN SHALL BE AWWA C900, DR-18(235psi) PIPE AND DISINFECTED IN ACCORDANCE W/AWWA 5. COMPONENTS, MATERIALS AND DISINFECTION CHEMICALS INCORPORATED INTO POTABLE WATER SYSTEM INSTALLATIONS,
- INCLUDING SERVICE LINES, MUST BE COMPLIANT WITH ANSI/NSF STANDARD 60/61. INCORPORATED MATERIALS SHALL ALSO COMPLY WITH LOW LEAD RULES AND CONTAIN LESS THAT OR EQUAL TO 0.25 PERCENT LEAD BY WEIGHT. 6. MAINTAIN 60" OF FINISHED COVER OVER ALL WATER MAINS. 7. ALL WATER AND NON-POTABLE MAINS SHALL HAVE A MIN. OF 10' HORIZONTAL SEPARATION. ALL WATER AND
- NON-POTABLE MAIN CROSSINGS SHALL MAINTAIN 18" MIN. VERT. SEPARATION OR NON-POTABLE MAINS SHALL BE INSTALLED PER POTABLE/NON-POTABLE WATERLINE SEPARATION DETAIL, THIS SHEET. INSTALLATION ORDER SHALL COMPLY WITH NOTE NO. 7 FOR SANITARY SEWER NOTES. 8. ALL GATE VALVES SHALL BE RESILIENT WEDGE - AWWA APPROVED. 9. GATE VALVES ADJACENT TO TEES AND CROSSES SHALL BE FLANGE X MJ FITTINGS UNLESS OTHERWISE SHOWN. ALL
- TEES AND CROSSES SHALL HAVE FLANGED FITTINGS WHERE GATE VALVES ATTACH UNLESS OTHERWISE SHOWN & MJ FITTINGS FOR PIPE ATTACHMENTS. 10. ALL FITTINGS, SERVICE LINES, VALVE BOXES AND LIDS, SHALL BE OF MATERIALS AND CONSTRUCTION APPROVED BY THE CITY OF JEROME. FLOW-MEASURING DEVICES INTENDED FOR POTABLE USE SHALL BE NSF CERTIFIED PRIOR TO
- 11. CONTRACTOR SHALL PROVIDE APPURTENANCES TO PERFORM PRESSURE TEST AND DISINFECTION AS REQUIRED BY
- STANDARDS. 12. CONSTRUCTION SHALL NOT INTERRUPT SERVICE, WITHOUT PRIOR CITY APPROVALS AND PROPER NOTIFICATION. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS BE INSTALLED WITHOUT AGENCY REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR AGENCY APPROVAL.
- 13. WATER MAINS SHALL BE TESTED FOR PRESENCE OF COLIFORM BACTERIA PRIOR TO BEING PUT INTO SERVICE. 14. THRUST BLOCK BEARING AREAS SHALL CONFORM TO THE LATEST ISPWC STANDARDS AND SPECIFICATIONS. (RE: ISPWC STD. DWG. SD-403)

WATER MAIN DISINFECTION NOTES:

- A. CLEAN AND DISINFECT WATER-DISTRIBUTION PIPING AS FOLLOWS: 1. PURGE NEW WATER-DISTRIBUTION PIPING SYSTEMS AND PARTS OF EXISTING SYSTEMS THAT HAVE BEEN ALTERED. EXTENDED OR REPAIRED BEFORE USE.
- 2. USE PURGING AND DISINFECTING PROCEDURE PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR IF METHOD IS NOT PRESCRIBED BY AUTHORITIES HAVING JURISDICTION, USE PROCEDURE PRESCRIBED IN NFPA 24 FOR FLUSHING OF PIPING. FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT POINTS OF OUTLET.
- 3. USE PURGING AND DISINFECTING PROCEDURE PRESCRIBED BY AUTHORITIES HAVING JURISDICTION OR, IF METHOD IS NOT PRESCRIBED BY AUTHORITIES HAVING JURISDICTION, USE PROCEDURE DESCRIBED IN AWWA C651 OR DO AS FOLLOWS:
- g. FILL SYSTEM OR PART OF SYSTEM WITH WATER/CHLORINE SOLUTION CONTAINING AT LEAST 50 PPM OF CHLORINE; ISOLATE AND ALLOW TO STAND FOR 24 HOURS.
- b. AFTER STANDING TIME, FLUSH SYSTEM WITH CLEAN, POTABLE WATER UNTIL NO CHORINE REMAINS
- c. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AN AUTHORIZED LAB FOR TESTING HAVING JURISDICTION, ONE SAMPLE AFTER FLUSHING AND A SECOND ONE 24HOURS AFTER FIRST SAMPLE IS COLLECTED. REPEAT PROCEDURE IF BIOLOGICAL EXAMINATION SHOWS EVIDENCE OF CONTAMINATION.
- B. PREPARE AND SUBMIT TO THE CITY REPORTS OF PURGING AND DISINFECTING ACTIVITIES.

FLUSHING NOTE: FLUSHING SHALL OCCUR FROM THE NEAREST FIRE HYDRANT AND BE CARRIED IN A FIRE HOSE INTO A NEW RETENTION BASIN OR DRAINAGE SWALES OR DISPOSED OF IN A WATER TRUCK TRANSPORTED OFFSITE TO AN APPROVED LOCATION. UNDER NO CIRCUMSTANCE SHALL FLUSHING WATER BE ALLOWED TO ENTER WATERS OF THE US.

IDAPA 58.01.08.542.07 - SEPARATION OF POTABLE, NON-POTABLE, AND RAW WATER PIPELINES

07. SEPARATION OF POTABLE, NON-POTABLE, AND RAW WATER PIPELINES. THE REQUIREMENTS FOR THE PROTECTION OF POTABLE MAINS FROM CONTAMINATION BY NON-POTABLE PIPELINES ARE DESCRIBEL IN SUBSECTIONS 542.07.a. THROUGH 542.07.c. FOR THE PURPOSES OF SUBSECTION 542.07, THE TERM "PIPELINE" APPLIES TO BOTH MAINS AND SERVICES. THE DEPARTMENT WILL USE THE MEMORANDUM OF UNDERSTANDING WITH THE PLUMBING BUREAU AS GUIDANCE IN DETERMINING THE RELATIVE RESPONSIBILITIES FOR REVIEWING SERVICE LINES. THE CONDITIONS OF SUBSECTIONS 542.07.a. AND 542.07.b. SHALL APPLY TO ALL POTABLE SERVICES CONSTRUCTED OR RECONSTRUCTED AFTER APRIL 15, 2007 AND WHERE THE DEPARTMENT OR THE QLPE IS THE REVIEWING AUTHORITY. RAW WATER PIPELINES MUST BE PROTECTED FROM CONTAMINATION FROM NON-POTABLE PIPELINES, AND MUST NOT CONTAMINATE POTABLE PIPELINES. THEY SHALL THEREFORE MEET EQUIVALENT SEPARATION DISTANCES SHOWN BELOW FROM EITHER POTABLE OR

IN-POTABLE FIL	LLINLS.	
a.	PARALLEL INSTALLATION REQUIREMENTS.	(5-8-09)
i.	POTABLE MAINS IN RELATION TO NON-POTABLE MAINS.	(5-8-09)

- GREATER THAN TEN (10) FEET SEPARATION: NO ADDITIONAL REQUIREMENTS. (4-4-13) (2) TEN (10) FEET TO SIX (6) FEET SEPARATION: SEPARATE TRENCHES, WITH THE BOTTOM OF THE POTABLE MAIN ABOVE THE TOP OF THE NON-POTABLE MAIN, AND NON-POTABLE MAIN CONSTRUCTED WITH POTABLE WATER CLASS PIPE.
- (3) LESS THAN SIX (6) FEET SEPARATION: DESIGN ENGINEER TO SUBMIT DATA TO THE DEPARTMENT FOR REVIEW AND APPROVAL SHOWING THAT THIS INSTALLATION WILL PROTECT PUBLIC HEALTH AND THE ENVIRONMENT, NON-POTABLE MAIN TO BE CONSTRUCTED OF POTABLE WATER CLASS PIPE, AND WITH THE BOTTOM OF THE POTABLE MAIN ABOVE THE TOP OF THE NON-POTABLE MAIN. NON-POTABLE MAINS ARE PROHIBITED FROM BEING LOCATED IN THE SAME TRENCH AS PÓTABLE MAINS.
- (5) PRESSURE WASTEWATER MAINS OR OTHER PRESSURIZED MAINS OR LINES CONTAINING NON-POTABLE FLUIDS SHALL BE NO CLOSER HORIZONTALLY THAN TEN (10) FEET FROM POTABLE MAINS. ii. NEW POTABLE SERVICES IN RELATION TO NON-POTABLE SERVICES, NEW POTABLE SERVICES IN RELATION TO NON-POTABLE MAINS, AND NEW NON-POTABLE SERVICES IN RELATION TO
- GREATER THAN SIX (6) FEET SEPARATION: NO ADDITIONAL REQUIREMENTS BASED ON (2) LESS THAN SIX (6) FEET SEPARATION: DESIGN ENGINEER TO SUBMIT DATA THAT THIS INSTALLATION WILL PROTECT PUBLIC HEALTH AND THE ENVIRONMENT AND NON-POTABLE SERVICE CONSTRUCTED WITH POTABLE WATER CLASS PIPE.
- NEW POTABLE SERVICES ARE PROHIBITED FROM BEING LOCATED IN THE SAME TRENCH AS NON-POTABLE MAINS OR NON-POTABLE SERVICES. REQUIREMENTS FOR POTABLE WATER MAINS OR SERVICES CROSSING NON-POTABLE WATER
- i. IF THERE IS EIGHTEEN (18) INCHES OR MORE VERTICAL SEPARATION WITH THE POTABLE WATER PIPELINE ABOVE THE NON-POTABLE PIPELINE, THEN THE POTABLE PIPELINE JOINTS MUST BE AS FAR AS POSSIBLE FROM THE NON-POTABLE WATER PIPELINE. IF THERE IS EIGHTEEN (18) INCHES OR MORE VERTICAL SEPARATION WITH THE POTABLE WATER PIPELINE BELOW THE NON-POTABLE PIPELINE, THEN THE POTABLE PIPELINE JOINTS MUST BE AS FAR
- AS POSSIBLE FROM THE NON-POTABLE PIPELINE, AND THE NON-POTABLE PIPELINE MUST BE SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING. (5-8-09)LESS THAN EIGHTEEN (18) INCHES VERTICAL SEPARATION:
- POTABLE PIPELINE JOINT TO BE AS FAR AS POSSIBLE FROM THE NON-POTABLE PIPELINE; (5-8-09)AND EITHER: NON-POTABLE PIPELINE CONSTRUCTED WITH POTABLE WATER CLASS PIPE FOR A MINIMUM OF TEN (10) FEET EITHER SIDE OF POTABLE PIPELINE WITH A SINGLE TWENTY (20) FOOT SECTION OF
- POTABLE WATER CLASS PIPE CENTERED ON THE CROSSING; OR SLEEVE NON-POTABLE OR POTABLE PIPELINE WITH POTABLE WATER CLASS PIPE FOR TEN (10) FEET EITHER SIDE OF CROSSING, USE OF HYDRAULIC CEMENTITIOUS MATERIALS SUCH AS CONCRETE CONTROLLED DENSITY FILL, AND CONCRETE SLURRY ENCASEMENT IS NOT ALLOWED AS A SUBSTITUTE FOR
- SLEEVING. IF POTABLE PIPELINE IS BELOW NON-POTABLE PIPELINE, THE NON-POTABLE PIPELINE MUST ALSO BE SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING.
- PRESSURE WASTEWATER MAINS OR OTHER PRESSURIZED MAINS OR LINES CONTAINING NON-POTABLE FLUIDS SHALL BE NO CLOSER VERTICALLY THAN EIGHTEEN (18) INCHES FROM POTABLE
- EXISTING POTABLE SERVICES IN RELATION TO NEW NON-POTABLE MAINS, EXISTING NON-POTABLE SERVICES IN RELATION TO NEW POTABLE MAINS, AND EXISTING POTABLE SERVICES IN RELATION TO NEW NON-POTABLE SERVICES SHALL MEET THE REQUIREMENTS OF SUBSECTION 542.07.6. WHERE PRACTICAL, BASED ON COST, CONSTRUCTION FACTORS, AND PUBLIC HEALTH SIGNIFICANCE. IF THE DEPARTMENT DETERMINES THAT THERE ARE SIGNIFICANT HEALTH CONCERNS WITH THESE SERVICES, SUCH AS WHERE A LARGE EXISTING SERVICE SERVES AN APARTMENT BUILDING OR A SHOPPING CENTER THEN THE DESIGN SHALL CONFORM WITH SUBSECTION 542.07.b.

LEGEND.

PROPERTY BOUN	IDARY				·
ROADWAY CENTE	RLINE				
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STORM SEWER L	INE		***************************************	- SD	
OVERHEAD POWE	ER LINE			- OHP	
EDGE OF ASPHA	LT		***************************************	- EA	
EDGE OF EXISTIN					
DRAINAGE FLOW	LINE			~	
FIRE HYDRANT					
MANHOLE					
CATCH BASIN					
	SS/SD CLEANOUT			•	
VALVE				\bowtie	
TELEPHONE RISE	R			Δ	
POWER POLE				-	
GUY ANCHOR					
SIGN					
DRAINAGE FLOW				L 674.97	
EXISTING GRADE				+101	

WATER LINE	W
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GUY ANCHOR	
SIGN	
DRAINAGE FLOW DIRECTION	31.91
EXISTING GRADE	♦ %.

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CHEET INDEX.

SHEET INDEA.			
DESCRIPTION			SHEET NO
TITLE SHEET			
SITE LAYOUT AND GRADING	PLAN		C
SITE UTILITY PLAN & PROF	ILE		C-

Tommy's Car Wash

2711 South Lincoln

Jerome Idaho 83338

<u>CITY APPROVAL</u>

Construction Drawings

Tommy's Car Wash

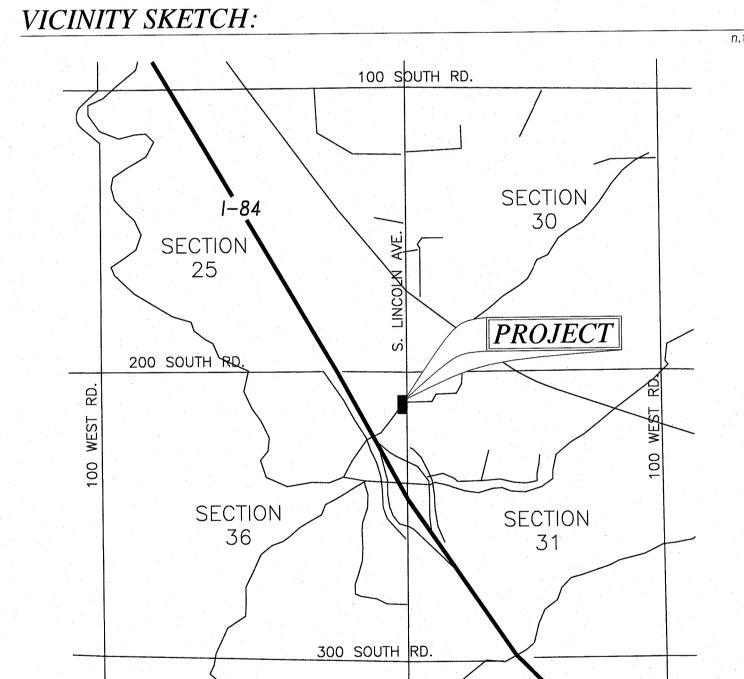
Jerome, Idaho

2023

ABBREVIATIONS.

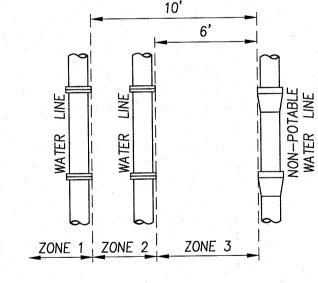
LG LIP OF GUTTER

ВМ	BENCH MARK	^a MH ^a	MANHOLE
	CATCH BASIN/TOP CATCH BASIN		NOT APPLICABLE
	CENTER LINE	NTS	NOT TO SCALE
	CONSTRUCT	REQ'D	REQUIRED
CF	CUBIC FEET	ROW or R/W	RIGHT OF WAY
DWG	DRAWING		SQUARE FOOT
EA/EOA	EDGE OF ASPHALT		STORM SEWER
	ELEVATION	SS	SANITARY SEWER/SEWER SERVICE
	FINISHED FLOOR ELEVATION	STA	STATION
	FIRE HYDRANT	STD	STANDARD
LUID/LU	FINISHED GRADE	TA	TOP OF ASPHALT
	FLOW LINE	TCC	TOP OF CONCRETE
· -		TRC	TOP OF ROLLED CURB
INV	INVERT IDAHO STANDARDS FOR PUBLIC	VG	VALLEY GUTTER
ISPWC		TYP	TYPICAL
	WORKS CONSTRUCTION	WL	WATERLINE
LF	LINEAR FOOT		



WATER LINE NON-POTABLE WATER LINE (NPWL) WATER LINE

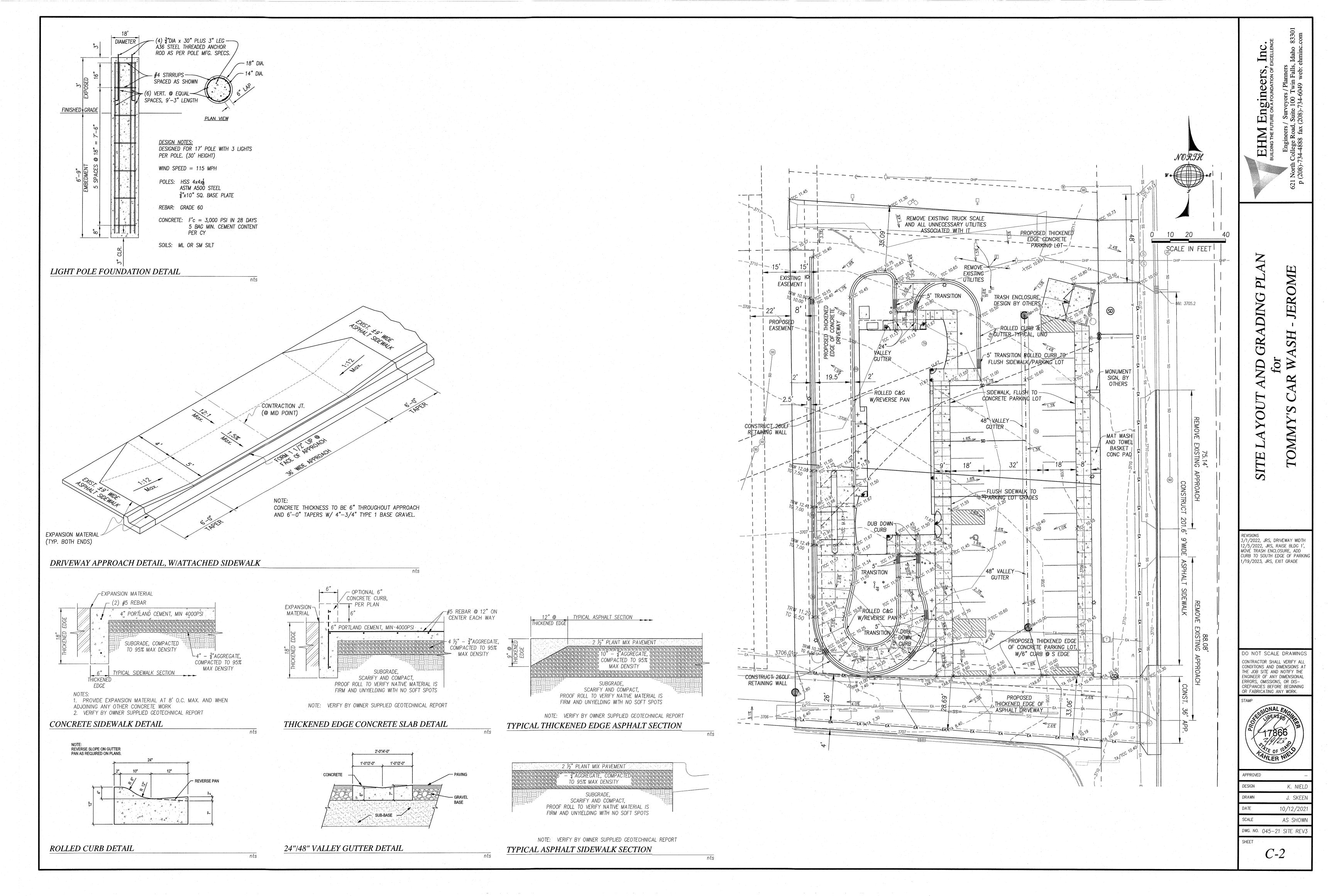
- VERTICAL SEPARATION REQUIREMENTS ZONE 1: A) WATER AND NPWL MUST BE SEPARATED BY AT LEAST 18". AND B) ONE FULL, UNCUT LENGTH OF BOTH PWL AND NPWL PIPE MUST BE CENTERED ON THE CROSSING SO THAT THE
- JOINTS ARE AS FAR AS POSSIBLE FROM THE CROSSING. ZONE 2: A) ONE FULL, UNCUT LENGTH OF BOTH PWL AND NPWL PIPE MUST BE CENTERED ON THE CROSSING SO THAT THE JOINTS ARE AS FAR AS POSSIBLE FROM THE CROSSING.
- AND EITHER B) NPWL MAIN MUST BE CONSTRUCTED TO WATER MAIN STANDARDS AND PRESSURE TESTED FOR WATER TIGHTNESS FOR A HORIZONTAL DISTANCE OF 10 FEET ON BOTH SIDES
- OR C) EITHER THE NPWL OR WATER MAIN OR BOTH MUST BE ENCASED WITH A SLEEVING MATERAIL ACCEPTABLE TO DEQ FOR A HORIZONTAL DISTANCE OF 10 FEET ON BOTH SIDES OF THE CROSSING.
- SAME REQUIREMENTS AS ZONE 2 EXCEPT THE NPWL MUST ALSO BE SUPPORTED ABOVE THE CROSSING TO PREVENT
- SAME REQUIREMENTS AS ZONE 1 EXCEPT THE NPWL MUST ALSO BE SUPPORTED ABOVE THE CROSSING TO PREVENT

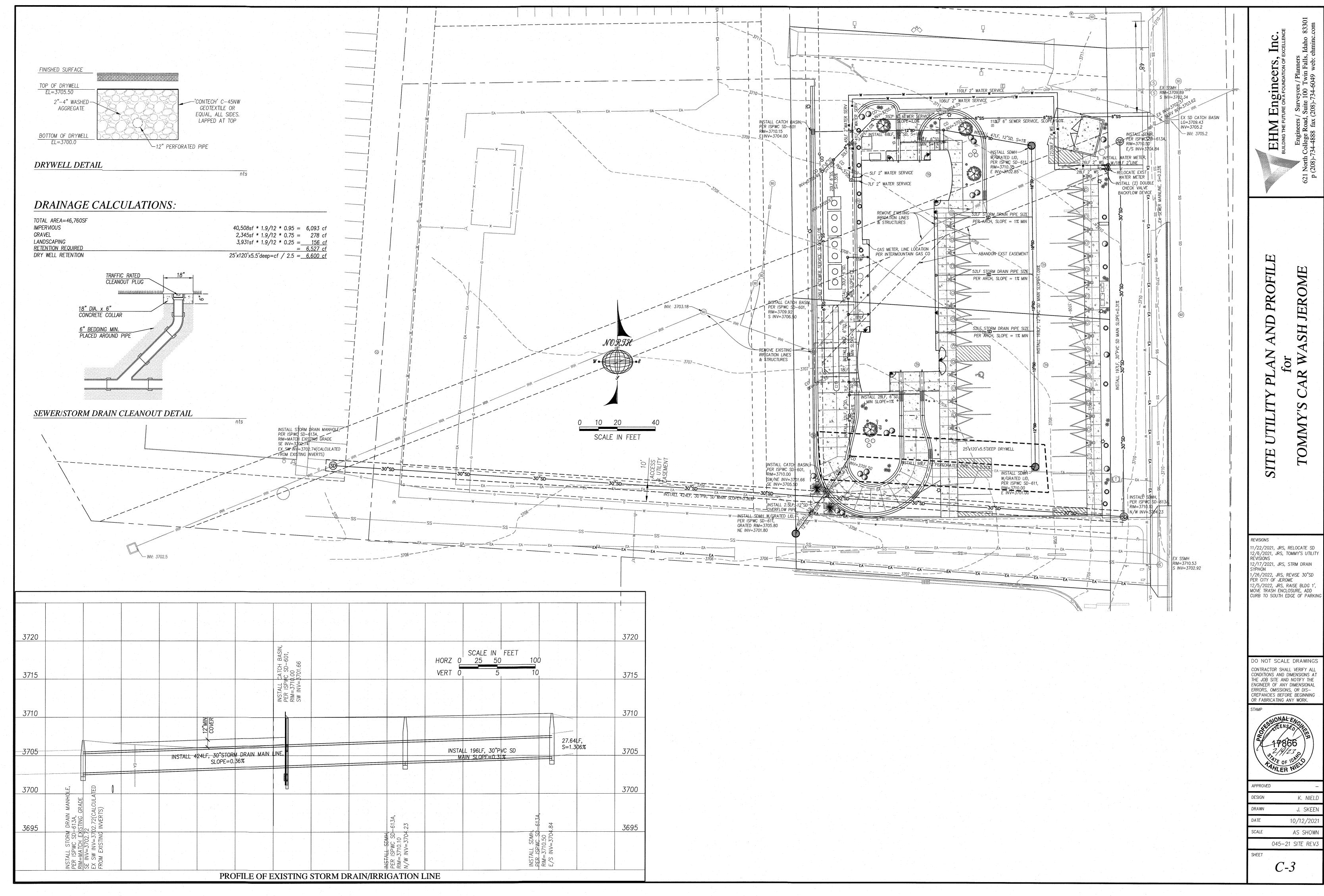


HORIZONTAL SEPARATION REQUIREMENTS ZONE 1: A) NO SPECIAL REQUIREMENTS.

- ZONE 2: A) NO SPECIAL REQUIREMENTS FOR POTABLE OR NON-POTABLE SERVICES. B)WATER AND NPWL SEPARATED BY AT LEAST 6 FEET AT OUTSIDE
- AND C) WATER AT LEAST 18 INCHES HIGHER IN ELEVATION THAN THE NPWL.
- AND EITHER D) NPWL CONSTRUCTED TO WATER MAIN STANDARDS AND PRESSURE TESTED FOR WATER TIGHTNESS.
- OR E) SITE SPECIFIC REQUIREMENTS APPROVED BY DEQ.
- NOTE: SANITARY SEWER FORCE MAINS MUST HAVE MIN. 10 FEET HORIZONTAL SEPARATION AND 18 INCH VERTICAL SEPARATION ZONE 2 AND ZONE 3 PLACEMENTS ARE NOT ALLOWED WITHOUT A WAIVER GRANTED BY DEQ.

POTABLE/NON-POTABLE WATERLINE SEPARATION





APPROVE)
DESIGN	K. NIELD
DRAWN	J. SKEEN
DATE	10/12/2021
SCALE	AS SHOWN
	045-21 SITE REV3