

GENERAL NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN IN THESE DRAWINGS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE CONTRACT SPECIFICATIONS.
2. THE CONTRACTOR SHALL PROVIDE ALL UTILITIES AS NECESSARY TO SUCCESSFULLY COMPLETE ALL CONSTRUCTION ACTIVITIES.
3. ALL EXISTING AND PROPOSED DIMENSIONS DEPICTED HEREIN SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO STARTING WORK.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON ALL CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITIES, WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S SOLE EXPENSE WITHOUT ADDITIONAL COMPENSATION.
6. THE CONTRACTOR SHALL POSSESS THE CLASS, OR CLASSES, OF LICENSE AS SPECIFIED IN THE NOTICE TO CONTRACTORS.
7. THE CONTRACTOR IS TO EXPOSE THE ENDS OF EXISTING BURIED UTILITIES FOR SURVEYORS TO VERIFY LOCATION AND ELEVATION PRIOR TO PLACEMENT OF NEW UTILITIES. ALL COSTS OF SUCH EXCAVATION AND BACKFILL SHALL BE INCLUDED IN THE PRICE PAID FOR VARIOUS ITEMS OF WORK.
8. ALL APPLICABLE FEES TO BE PAID AND PERMITS REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR BEFORE COMMENCEMENT OF CONSTRUCTION.
9. THE TYPES, LOCATIONS, SIZES, AND DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES, HOWEVER, TVCE CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT DEPICTED ON THESE DRAWINGS.
10. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
11. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF U.S.A. TWO WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL FREE NUMBER 1-800-227-2600.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
13. UNDOCUMENTED PIPING EXPOSED DURING CONSTRUCTION SHALL BE LOCATED AND MARKED BY THE CONTRACTOR FOR INCLUSION IN AS-BUILT DRAWINGS.
14. ALL NEW BURIED PIPING SHALL HAVE A MINIMUM OF 3 FEET OF COVER UNLESS OTHERWISE SPECIFIED.

CULTURALLY SENSITIVE AREAS:

1. AREAS WITHIN THE PROJECT PERIMETER THAT ARE CULTURALLY SENSITIVE SHALL BE PROTECTED AGAINST DAMAGE FROM CONSTRUCTION ACTIVITIES. AT NO TIME SHALL SUCH CULTURALLY SENSITIVE AREAS BE ENTERED, PARKED UPON, STOCK PILED UPON, OR HAVE ANY OTHER ACTIVITY ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT IN ANY WAY INFRINGE UPON, DETERIORATE, DESTROY, OR RENDER TO A STATE OR CONDITION UNACCEPTABLE ANY CULTURALLY SENSITIVE AREA. THE CONTRACTOR AGREES TO PROTECT ALL SUCH AREAS DURING ANY AND ALL ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT.

QUANTITIES:

1. QUANTITIES AND LENGTHS OF ITEMS PROVIDED WITHIN THIS PLAN SET ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL QUANTITIES OF COMPONENTS REQUIRED FOR THE SUCCESSFUL AND SATISFACTORY COMPLETION OF THE PROJECT.

TRAFFIC CONTROL NOTES:

1. WHENEVER THE WORK AREA IS ADJACENT TO A TRAFFIC LANE AND THERE IS A CUT, DITCH OR TRENCH MORE THAN TWO INCHES DEEP, THE CONTRACTOR SHALL MAINTAIN CONTINUOUS BARRICADES SPACED AT APPROXIMATELY 20-FOOT INTERVALS FOR THE FIRST 100 FEET FROM THE BEGINNING OF THE CUT, DITCH OR TRENCH, AND AT APPROXIMATELY 50-FOOT INTERVALS THEREAFTER. IF THE CUT, DITCH OR TRENCH IS MORE THAN TEN FEET FROM A TRAFFIC LANE, THE BARRICADED SPACING MAY BE GREATER BUT SHALL NOT EXCEED 200 FEET.
2. UNLESS SPECIFICALLY SET FORTH AS SPECIAL PROVISIONS, ALL MARKED LANES OF TRAFFIC SHALL BE UNOBSTRUCTED IN EACH DIRECTION DURING THE PEAK TRAFFIC HOURS OF 7:00 TO 8:30AM AND 3:30 TO 6:00 PM.
3. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION.
4. TRACK MOUNTED VEHICLES SHALL NOT BE OPERATED ON PAVED ROADS.

AGGREGATE BASE ROCK NOTES:

1. AGGREGATE BASE SHALL BE CALTRANS CLASS II.
2. AGGREGATE BASE SHALL BE INSTALLED PER SECTION 26 OF THE CALTRANS STANDARD SPECIFICATIONS.
3. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION PER CAL 316.

ASPHALT CONCRETE NOTES:

1. ASPHALT CONCRETE SHALL BE 1/2" MAXIMUM RADIUS HOT MIX TYPE A.
2. ASPHALT CONCRETE SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SECTION 39 OF THE CALTRANS STANDARD SPECIFICATIONS.
3. ASPHALT CONCRETE SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION AS VERIFIED PER CAL 216.
4. EXISTING AC SURFACES SHALL BE CUT TO A NEAT STRAIGHT LINE PARALLEL WITH THE CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RE-COMPACTED, AND RESEALED PRIOR TO PAVING.

ELECTRIC GENERAL NOTES:

1. ALL ELECTRIC FACILITIES AND WORK TO BE IN STRICT COMPLIANCE WITH APPLICABLE LAWS AND MUST MEET PACIFIC GAS AND ELECTRIC (PG&E) REQUIREMENTS PER CURRENT GREEN BOOK.
2. REFER TO PG&E SITE PLAN FOR ADDITIONAL DETAILS NOT EXPRESSED ON THIS SHEET.
3. CONTRACTOR TO COORDINATE WITH PG&E FOR ALL REQUIRED TESTING/INSPECTION AND FOR PG&E INSTALLED FACILITIES.
4. OWNER HAS THE RESPONSIBILITY OF PAYING ALL FEES TO PG&E DIRECT FOR THEIR SERVICES/FACILITIES UNDER THE ORIGINAL APPLICATION FOR THIS PROJECT. ADDITIONAL COSTS RESULTING DIRECTLY FROM THE CONTRACTOR'S ACTIVITIES AND NOT EXPRESSLY COVERED UNDER THE ORIGINAL APPLICATION WILL BE THE SOLE EXPENSE OF THE CONTRACTOR.
5. POWER/ELECTRICAL FACILITIES DEPICTED ON THESE PLAN SETS ARE FOR GENERAL LOCATION PURPOSES, ACTUAL HARDWARE, ALIGNMENTS, PLACEMENT, AND DESIGN TO BE PROVIDED BY PACIFIC GAS & ELECTRIC (PG&E). CONTRACTOR TO COORDINATE WITH PG&E FOR DESIGN AND INSTALLATION OF REQUIRED COMMUNICATION FACILITIES.

COMMUNICATIONS GENERAL NOTES:

1. ALL COMMUNICATIONS FACILITIES AND WORK TO BE IN STRICT COMPLIANCE WITH APPLICABLE LAWS AND MUST MEET ALL FRONTIER REQUIREMENTS AS APPLICABLE UNDER CPUC.
2. CONTRACTOR TO COORDINATE WITH FRONTIER FOR ALL REQUIRED TESTING/INSPECTION AND FOR FRONTIER INSTALLED FACILITIES.
3. OWNER HAS THE RESPONSIBILITY OF PAYING ALL FEES TO FRONTIER DIRECT FOR THEIR SERVICES/FACILITIES UNDER THE ORIGINAL APPLICATION FOR THIS PROJECT. ADDITIONAL COSTS RESULTING DIRECTLY FROM THE CONTRACTOR'S ACTIVITIES AND NOT EXPRESSLY COVERED UNDER THE ORIGINAL APPLICATION WILL BE THE SOLE EXPENSE OF THE CONTRACTOR.
4. TELEPHONE/COMMUNICATION FACILITIES DEPICTED ON THESE PLAN SETS ARE FOR GENERAL LOCATION PURPOSES, ACTUAL HARDWARE, ALIGNMENTS, PLACEMENT, AND DESIGN TO BE PROVIDED BY FRONTIER. CONTRACTOR TO COORDINATE WITH FRONTIER FOR DESIGN AND INSTALLATION OF REQUIRED COMMUNICATION FACILITIES.

DUST CONTROL NOTES:

1. THE CONTRACTOR SHALL IMPLEMENT ONE OR BOTH OF THE FOLLOWING MEASURES FOR DUST CONTROL ON THIS SITE:
 - 1.1 SPRAYING OF WATER SO AS NOT TO GENERATE ADDITIONAL RUNOFF. NO DUST PALLIATIVE MATERIALS OTHER THAN WATER WILL BE USED ON THIS PROJECT. IF NON-POTABLE WATER IS TO BE USED, IT MUST BE CONVEYED IN TANKS OR PIPES CLEARLY LABELED AS "NON-POTABLE WATER - DO NOT DRINK".
 - 1.2 COVERS FOR EXPOSED AREAS.

EQUIPMENT & MATERIALS STORAGE NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MATERIALS AND EQUIPMENT STORED ONSITE SHALL HAVE ADEQUATE COVERINGS AND CONTAINMENT TO PREVENT LEAKAGE AND SPILLS.
2. ALL MATERIALS AND EQUIPMENT SHALL BE STORED IN DESIGNATED AND APPROVED AREAS. THE AREA SHALL BE BERMED WITH EARTH DIKES THAT THE CONTRACTOR SHALL INSPECT AND MAINTAIN WEEKLY.
3. ALL FLAMMABLE, REACTIVE, AND/OR IGNITABLE LIQUIDS MUST COMPLY WITH LOCAL FIRE CODES.
4. DURING THE RAINY SEASON (OCTOBER THROUGH APRIL) THE CONTRACTOR SHALL ENSURE THAT MATERIALS ARE COVERED.
5. NO CHEMICALS, DRUMS, OR BAGGED MATERIALS SHALL BE STORED DIRECTLY ON THE GROUND; ITEMS SHALL BE PLACED ON PALLETS AND/OR IN SECONDARY CONTAINMENT.
6. IF DRUMS MUST BE KEPT UNCOVERED, THE CONTRACTOR SHALL STORE THEM AT A SLIGHT ANGLE TO REDUCE PONDING OF RAINWATER AND REDUCE CORROSION.
7. WHEN DANGEROUS MATERIALS AND/OR LIQUID CHEMICALS ARE UNLOADED ONSITE, THE CONTRACTOR SHALL HAVE EMPLOYEES TRAINED IN EMERGENCY SPILL CLEANUP PROCEDURES PRESENT.

VEHICLE MAINTENANCE NOTES:

1. EQUIPMENT AND VEHICLES TRAVELING ONSITE SHALL BE INSPECTED REGULARLY FOR LEAKS AND BE REPAIRED IMMEDIATELY; DO NOT ALLOW LEAKING VEHICLES ONSITE. KEEP VEHICLES AND EQUIPMENT CLEAN (DO NOT ALLOW EXCESSIVE BUILDUP OF OIL AND GREASE).
2. USE OFFSITE REPAIR SHOPS WHENEVER POSSIBLE; IF ONSITE REPAIRS ARE NECESSARY, USE A DESIGNATED AREA SURROUNDED BY EARTH BERMS. THE CONTRACTOR SHALL INSPECT THIS AREA WEEKLY AND AFTER EACH RAINSTORM EVENT TO ENSURE THAT THE EARTH BERMS ARE IN PLACE AND FUNCTIONING PROPERLY; ANY NON-FUNCTIONING BERMS SHALL BE REPAIRED IMMEDIATELY.
3. USE DRY CLEAN-UP METHODS FOR SPILLS AS MUCH AS POSSIBLE; USE ABSORBENT MATERIALS FOR SMALL SPILLS AND DISPOSE OF PROPERLY. USE A SECONDARY CONTAINMENT DURING FLUID CHANGES AND REPAIRS TO CATCH SPILLS.
4. SEGREGATE AND RECYCLE WASTES (INCLUDING BUT NOT LIMITED TO: USED OIL AND OIL FILTERS, BATTERIES, ETC.). KEEP HAZARDOUS WASTES SEPARATE FROM NON-HAZARDOUS WASTES; AFTER REPAIRS, ETC., PROMPTLY TRANSFER USED FLUIDS AND WASTES TO THEIR PROPER CONTAINMENT AREAS AND CONTAINERS.

SUMMARY OF QUANTITIES:			
ITEM	DESCRIPTION	PLAN QUANTITY TOTAL	UNIT
001	TEMPORARY FACILITIES	1	LS
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003			
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VALADAO, ET AL
1820 PICKETT ROAD
MCLELLAN, CA 95519
APR 5 10:38 AM '02

NOTES

HUMBOLDT, CALIFORNIA

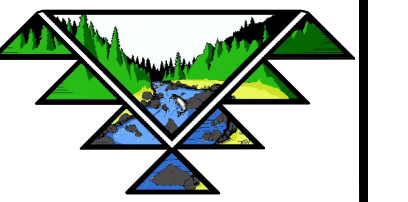
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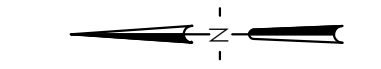
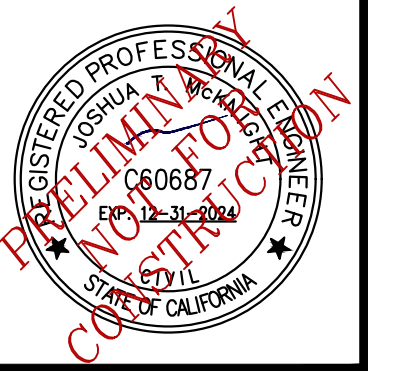
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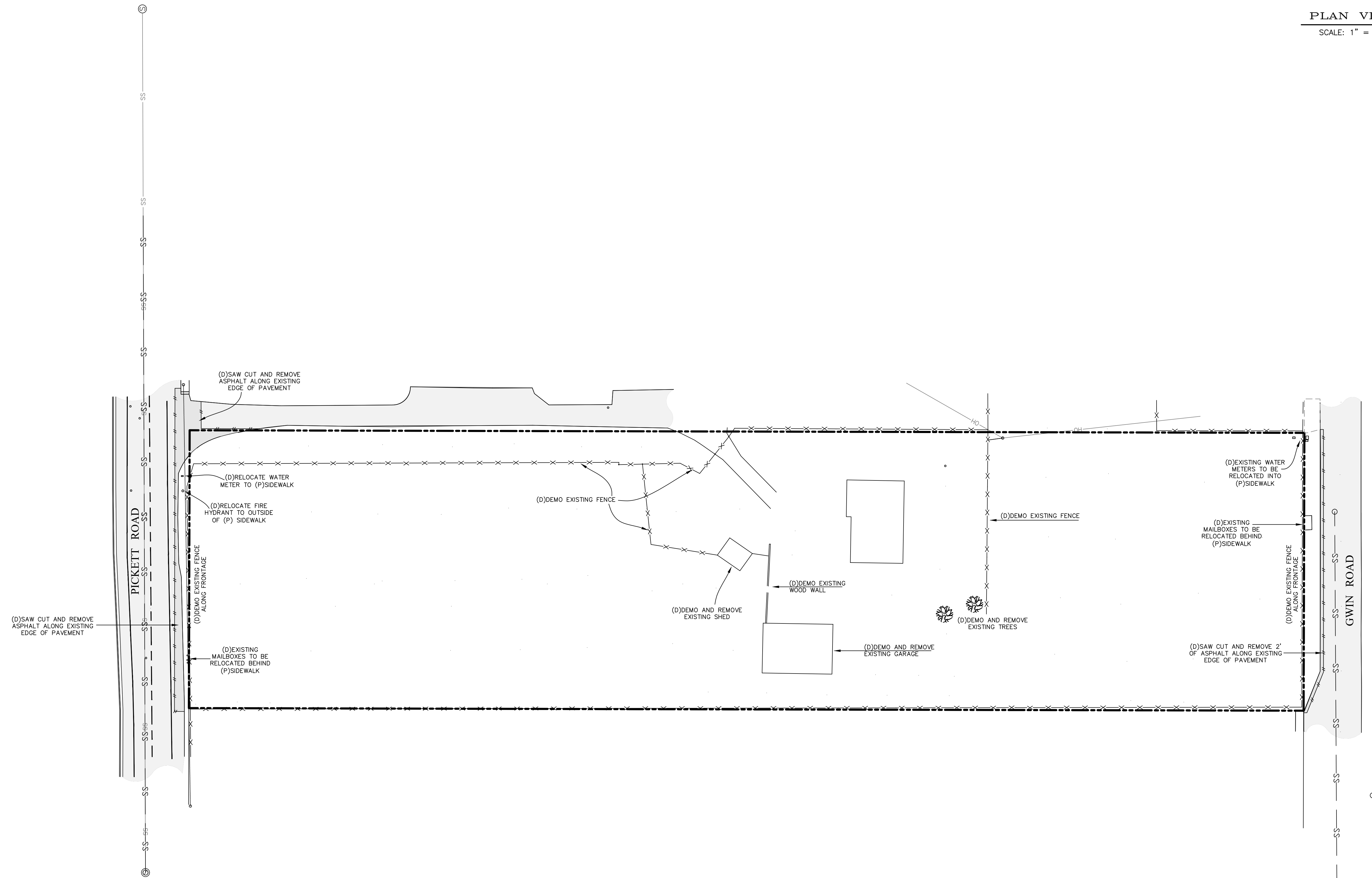


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PLAN VIEW

SCALE: 1" = 30'



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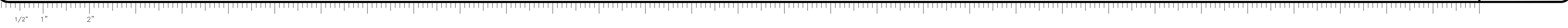
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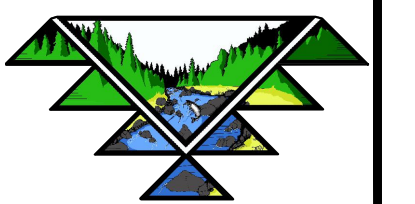
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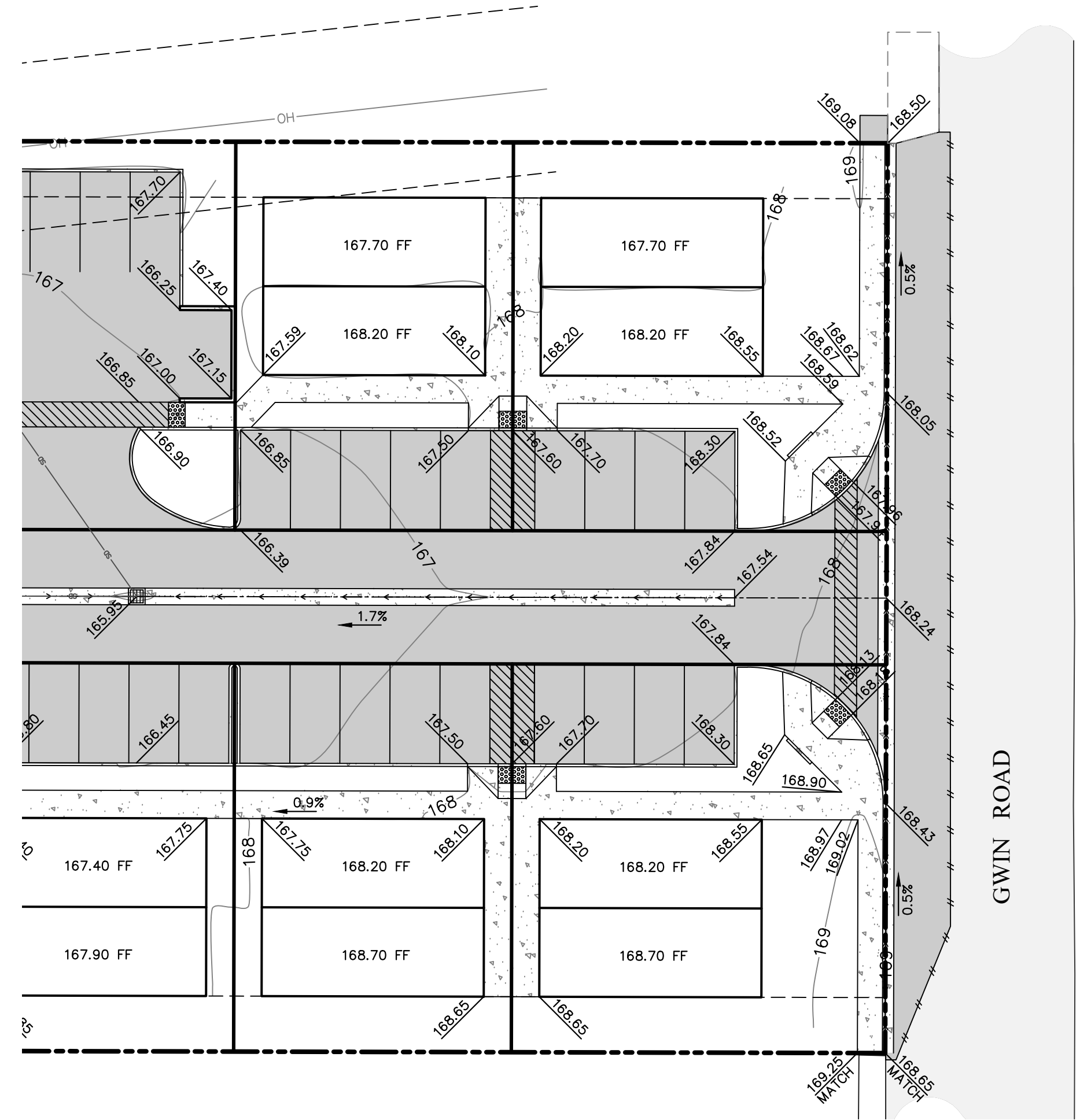
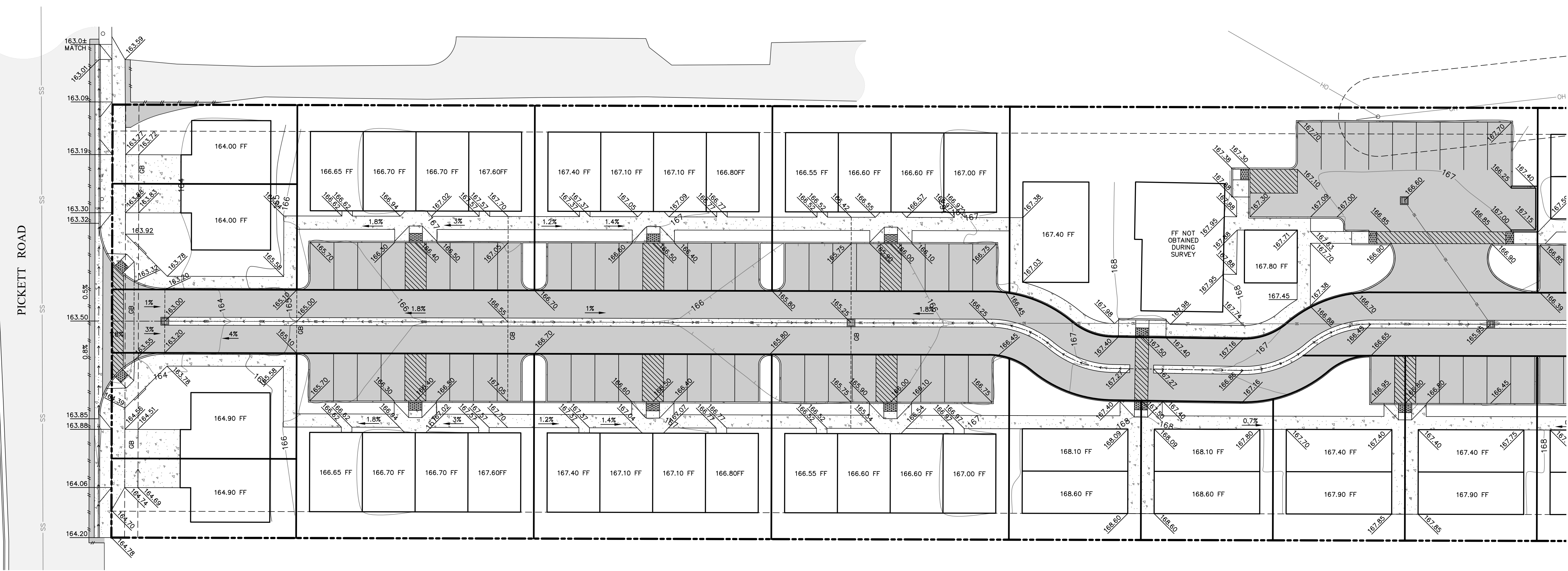
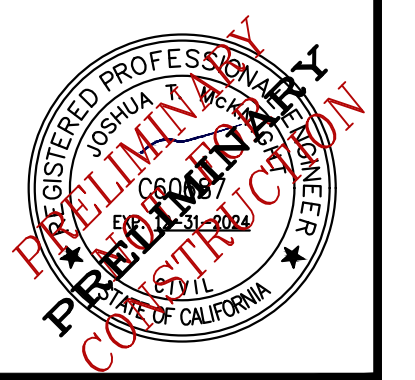
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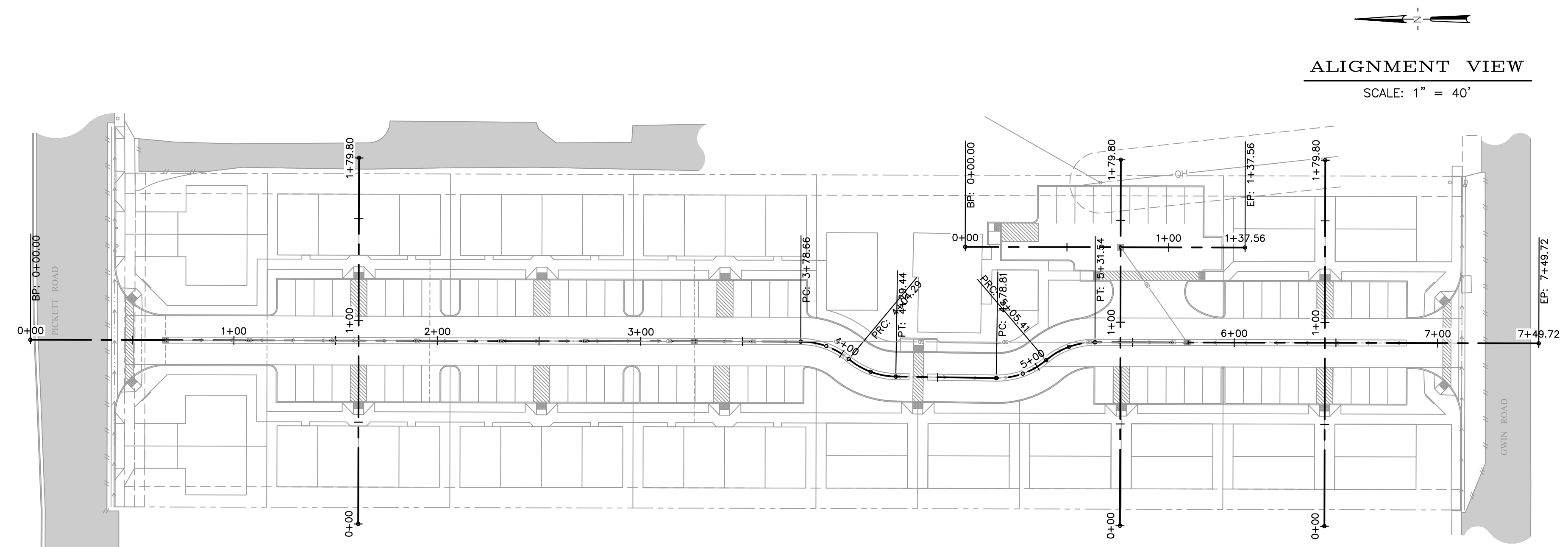


EARTHWORK QUANTITIES:

DEGRUB 12" OF TOPSOIL ACROSS SITE
CUT (CY): ±4850 (TOPSOIL DEGRUB)
FINISHED SURFACE POST DEGRUB
FILL (CY): ±4320

NOTE:
CUT AND FILL QUANTITIES ONSITE TO BE PERMANENT

PLAN VIEW
SCALE: 1" = 20'



ALIGNMENT VIEW
SCALE: 1" = 40'

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GRADING PLAN

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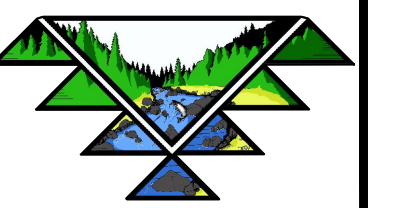
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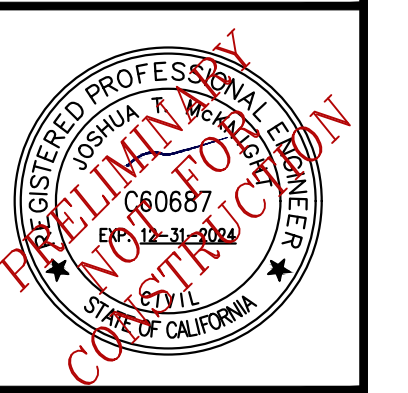
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SECTIONS

HUMBOLDT, CALIFORNIA

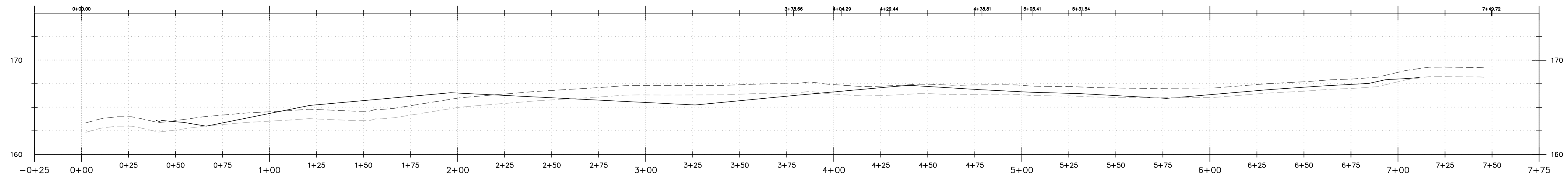
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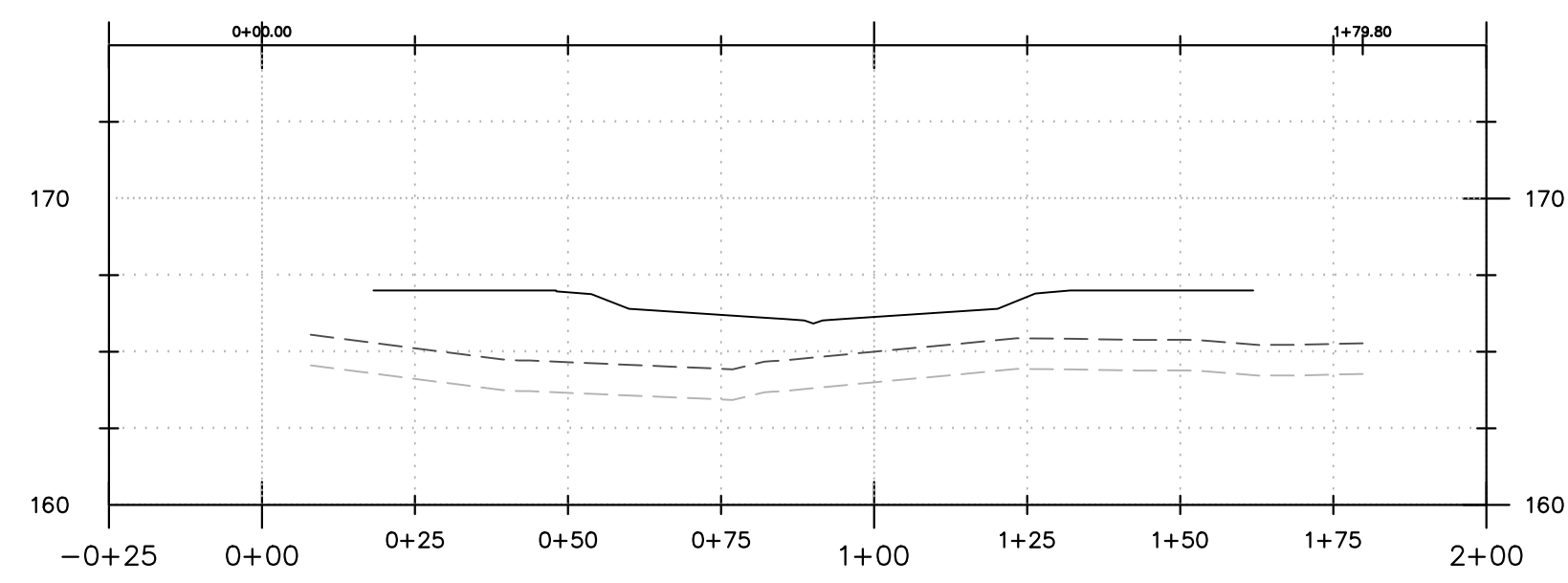
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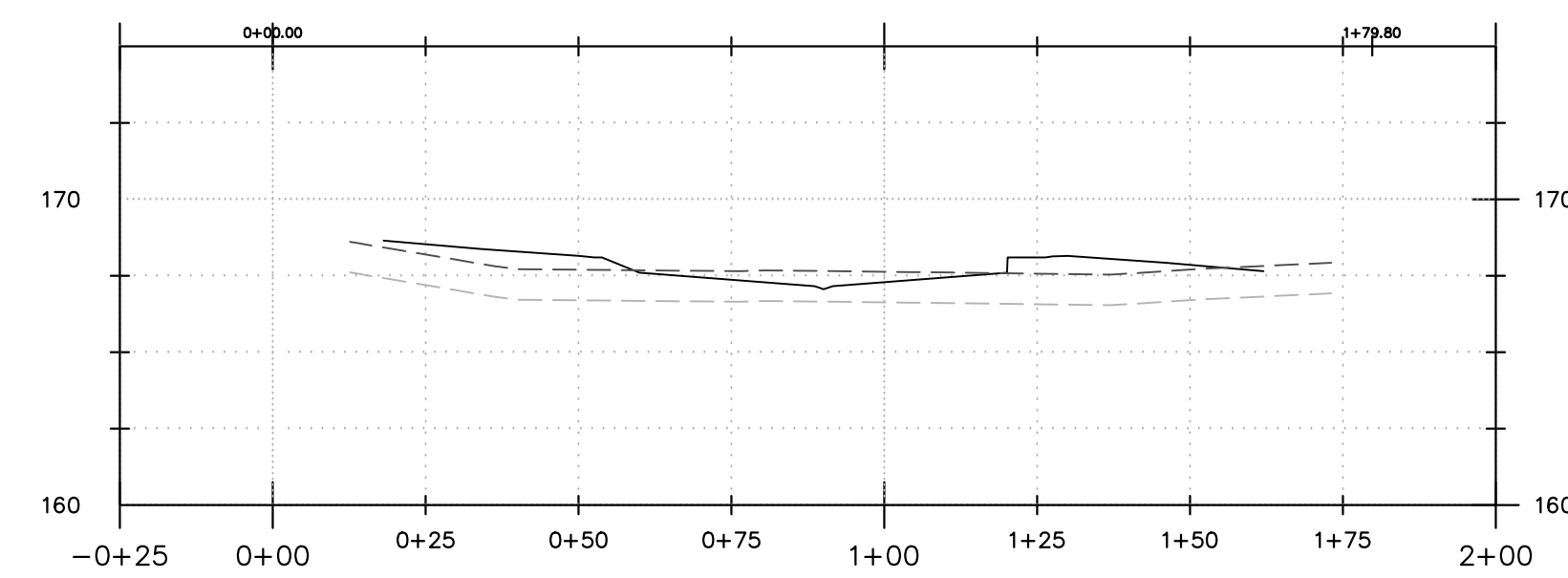
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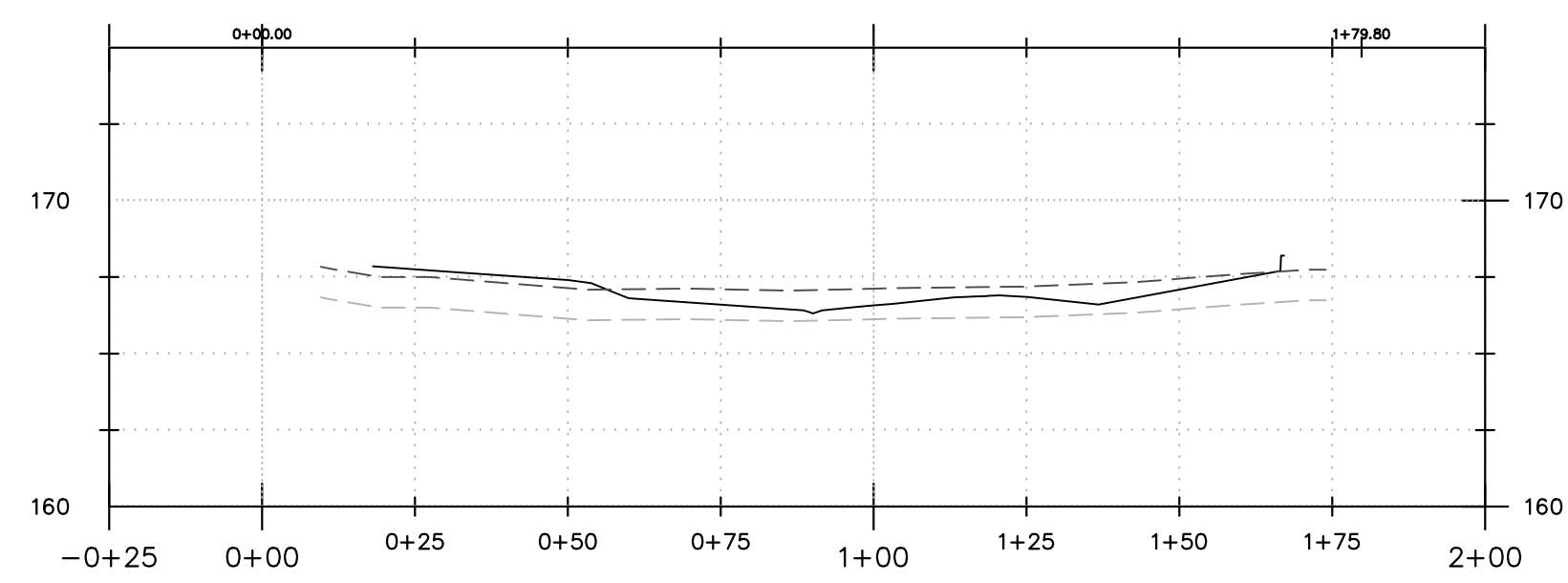
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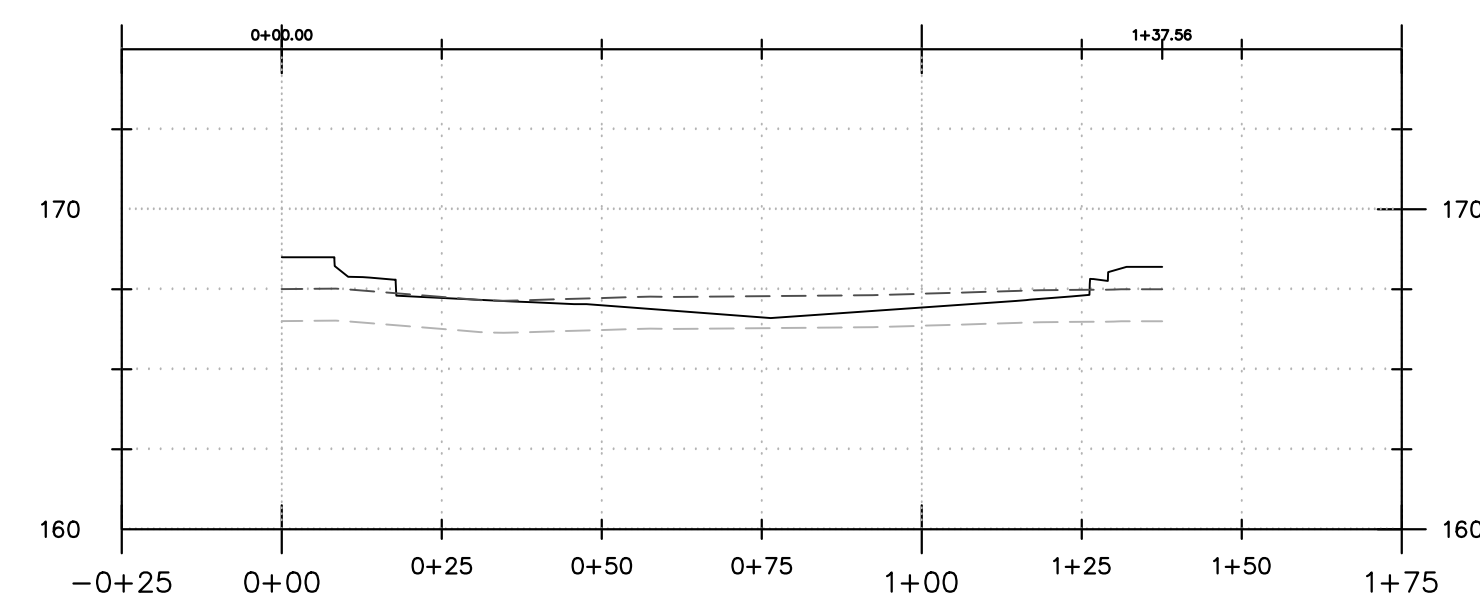
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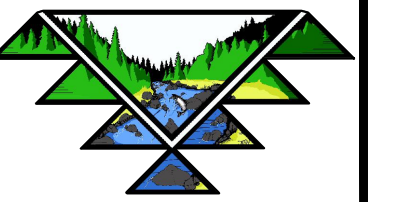
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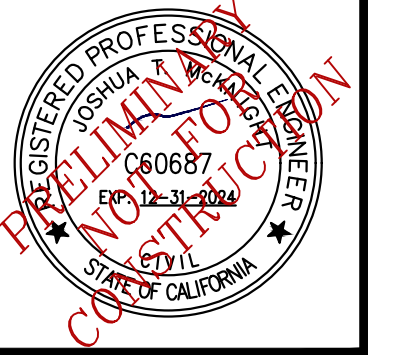
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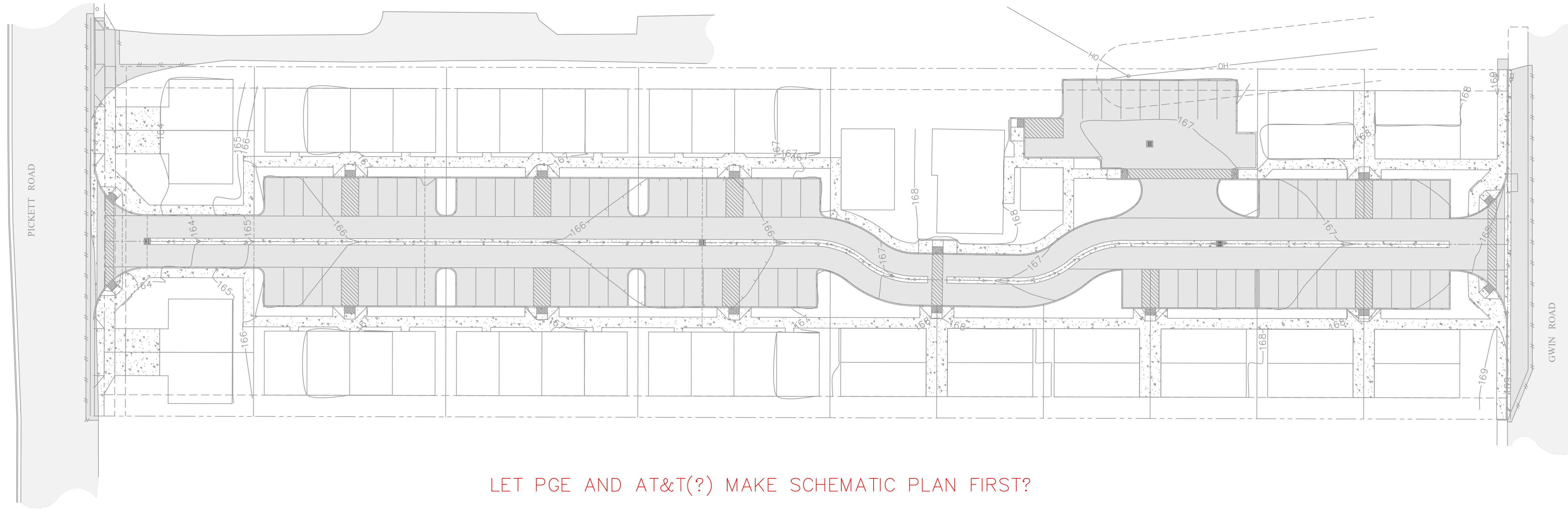
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PLAN VIEW
 SCALE: 1" = 30'



LET PGE AND AT&T(?) MAKE SCHEMATIC PLAN FIRST?

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ELECTRIC AND TELECOM PLAN

HUMBOLDT, CALIFORNIA

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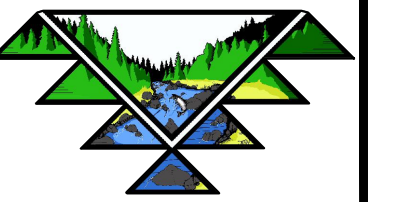
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PROJECT NO:
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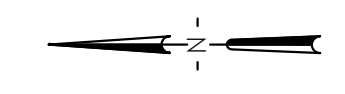
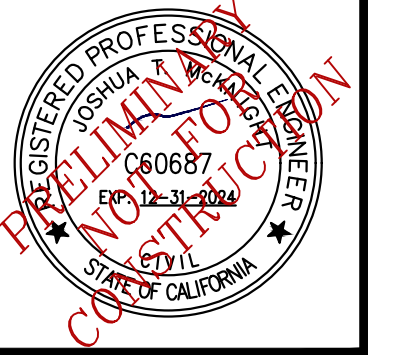
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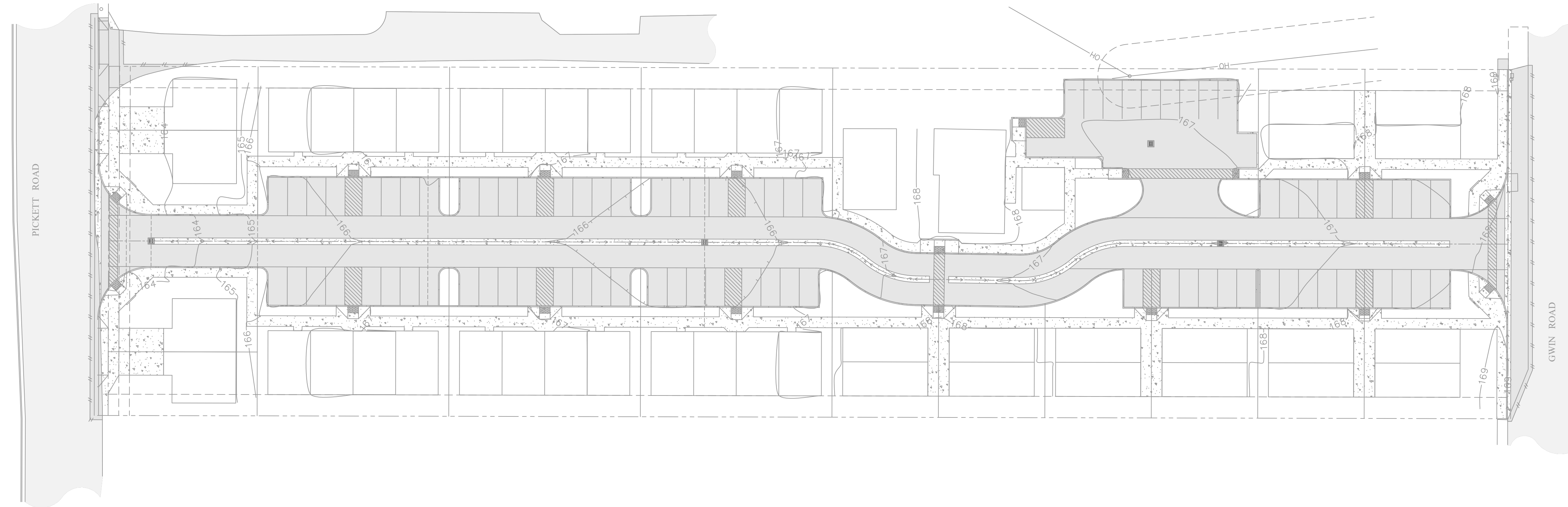


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PLAN VIEW

SCALE: 1" = 30'



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WATER PLAN

HUMBOLDT, CALIFORNIA

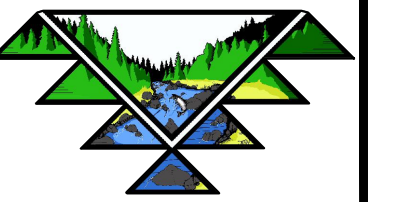
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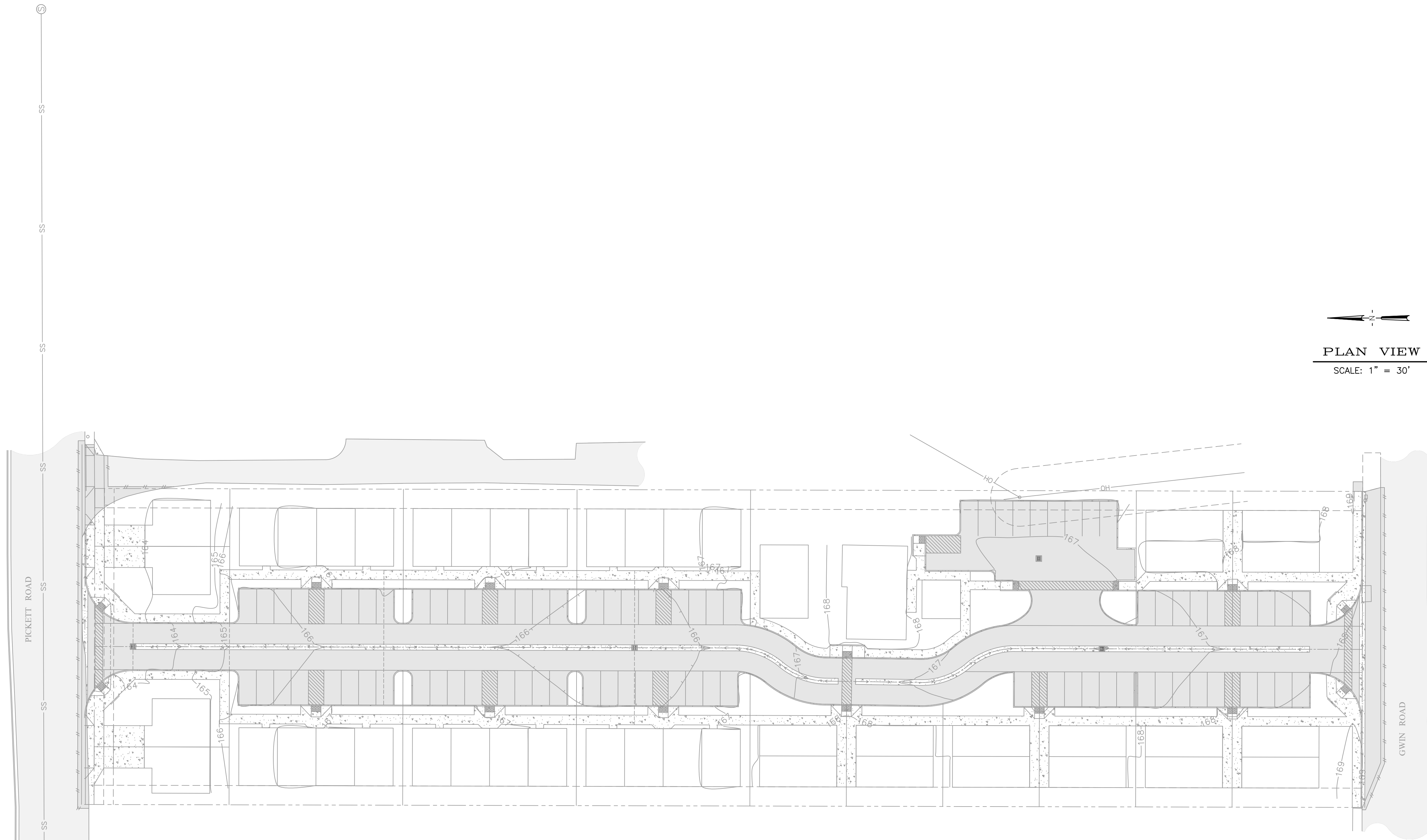
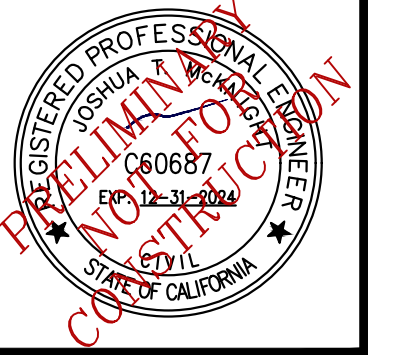
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PLAN VIEW
 SCALE: 1" = 30'

NEED EXISTING SEWER INVERTS TO MOVE FORWARD

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SANITARY SEWER PLAN

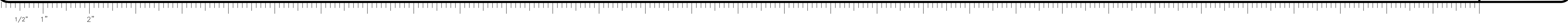
HUMBOLDT, CALIFORNIA

DATE OF ISSUE:
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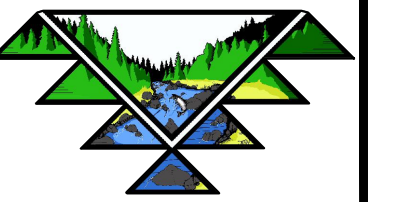
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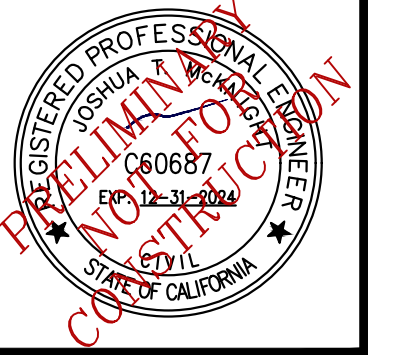
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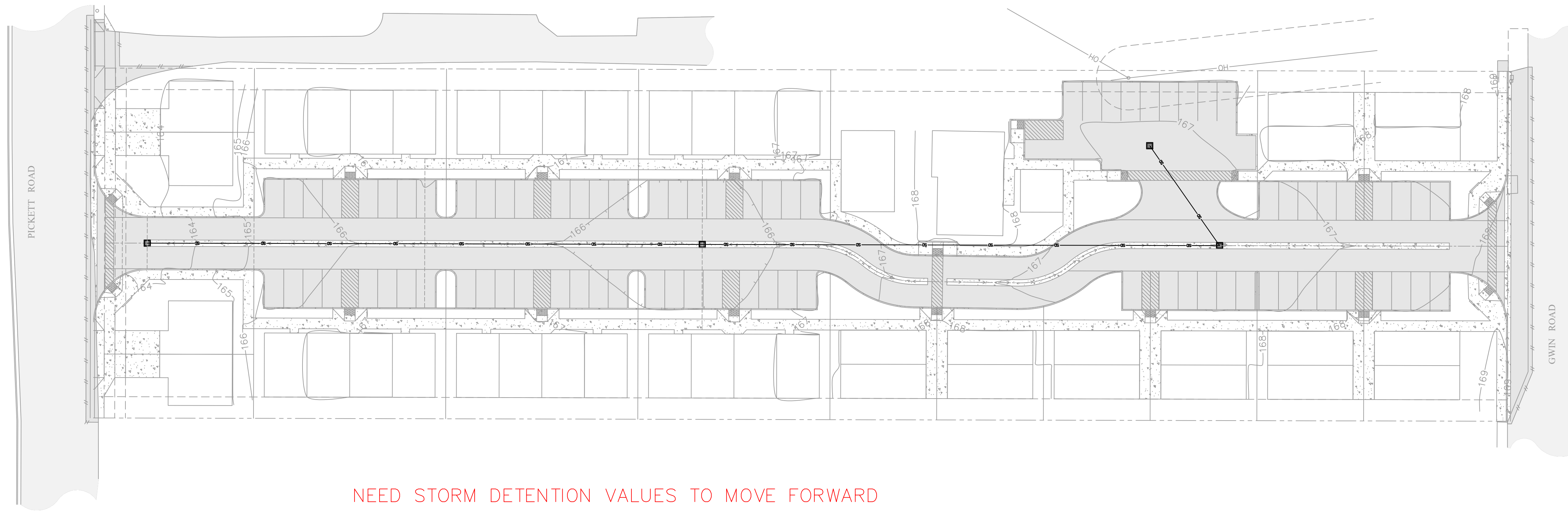
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PLAN VIEW
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NEED STORM DETENTION VALUES TO MOVE FORWARD

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STORM WATER PLAN

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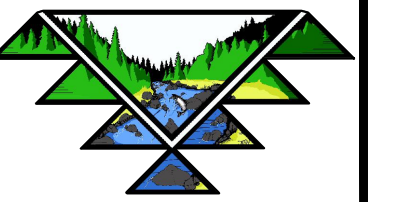
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 1" = 30'

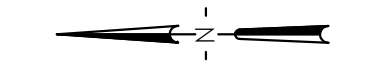
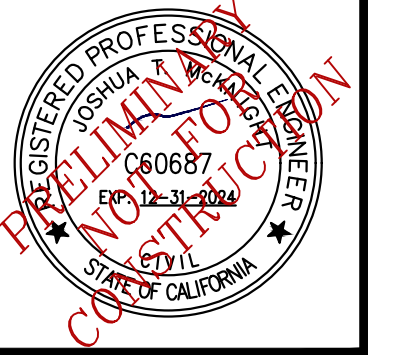
PROJECT NO:
 873.01

DRAWING NO:
C4.3





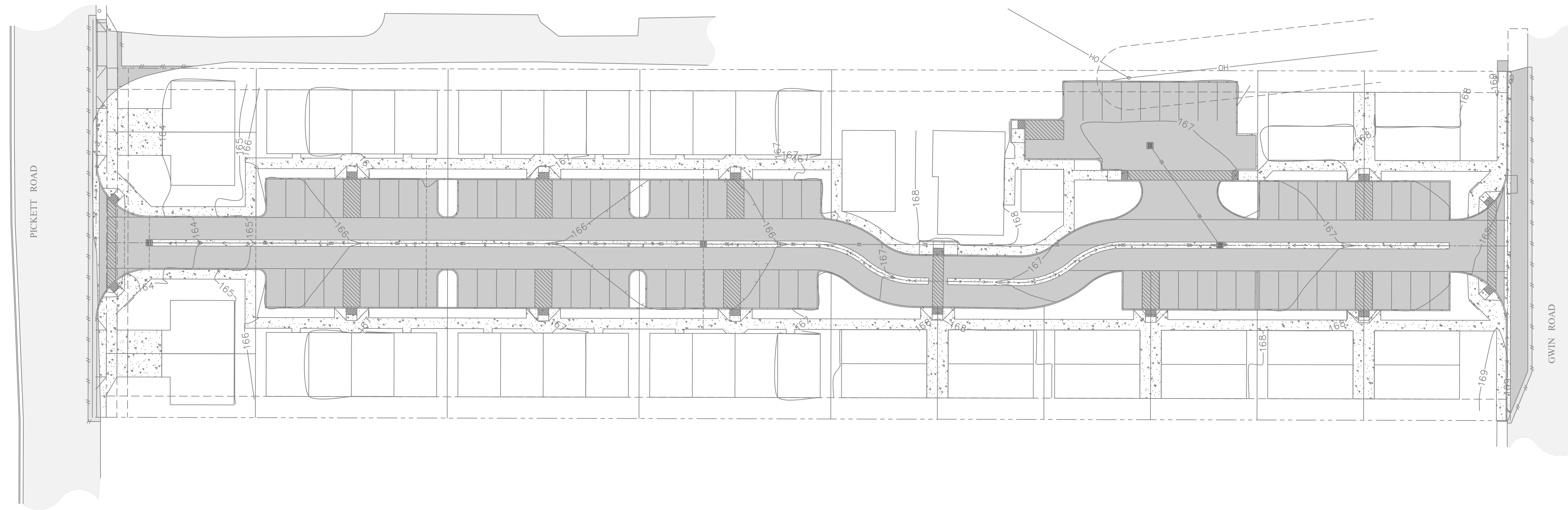
67 WALNUT WAY
PO BOX 1587
WILLOW CREEK, CA 95573
P:(530)629-3000
F:(530)629-3011



PLAN VIEW

SCALE: 1" = 30'

LEGEND	
	ONSITE OVERLAND RELEASE PATH
	OFFSITE OVERLAND RELEASE PATH
	STRAW/FIBER ROLLS
	SILT FENCE
	SEED AND STRAW



REV	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APP. BY

VALADAO, ET AL
1820 PICKETT ROAD
MCLELLAN, CA 95519
APN 510-381-021

EROSION CONTROL PLAN

HUMBOLDT, CALIFORNIA

DATE OF ISSUE:
FEB 2023

SCALE:
1" = 30'

PROJECT NO:
873.01

DRAWING NO:
C5.0

