



CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

BID NUMBER 2025-19



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PROJECT DESCRIPTION AND GENERAL NOTES

PROJECT DESCRIPTION

THE CITY OF IMPERIAL WASTEWATER TREATMENT PLANT DEMOLITION PROJECT IS PRIMARILY BEING COMPLETED TO ALLOW THE AREA CURRENTLY OCCUPIED BY EXISTING STRUCTURES NO LONGER USED OR MINIMALLY USED TO BE OCCUPIED BY NEW WASTEWATER UNITS OR FACILITIES. THE CITY OF IMPERIAL IS PLANNING TO CONSTRUCT A NEW WASTEWATER INFLUENT PUMP STATION AND HEADWORKS STRUCTURE IN THE DEMOLITION AREA CURRENTLY OCCUPIED BY THE NON-USED OR MINIMALLY USED WASTEWATER STRUCTURES. IN ADDITION, A NEW MODULAR OFFICE IS TO BE PLACED IN THE DEMOLITION AREA AT THE CONCLUSION OF THE PROJECT. THE FOLLOWING EXISTING WASTEWATER STRUCTURES OR ANCILLARY ITEMS ARE TO UNDERGO MINOR, MAJOR OR TOTAL DEMOLITION. REFER TO PLAN SHEET NUMBER 2 TO OBSERVE THE LOCATIONS OF THE EXISTING WASTEWATER STRUCTURES OR ANCILLARY ITEMS.

- OPERATIONS BUILDING - MINOR DEMOLITION
- CLARIFIER NUMBER 1 - TOTAL DEMOLITION
- CLARIFIER NUMBER 2 - MAJOR DEMOLITION
- SLUDGE PUMP STATION BUILDING INCLUDING SCUM PIT - MAJOR DEMOLITION - ALSO INCLUDES INSTALLATION OF NEW LIGHTING WITHIN THE BUILDING, REFURBISHING EMERGENCY LIGHT FIXTURES, BACKFILLING THE SCUM PIT, AND INSTALLATION OF PCC SLAB AT THE TOP OF THE SCUM PIT AND SIMILAR IMPROVEMENTS.
- SEPTIC DUMP STRUCTURE - TOTAL DEMOLITION
- PCC RETAINING WALL - TOTAL DEMOLITION
- SIDEWALK AND A.C. PAVEMENT NEAR STRUCTURES - TOTAL DEMOLITION
- EXISTING CRUSHED ROCK EAST OF SEPTIC DUMP STRUCTURE - DEMOLITION SALVAGE - TO BE REMOVED AND PLACED AT ANOTHER LOCATION AT THE WASTEWATER TREATMENT PLANT

THIS PROJECT ALSO INCLUDES OTHER NON-DEMOLITION IMPROVEMENTS AS FOLLOWS:

- INSTALLATION OF A MODULAR OFFICE BUILDING WITH APPROXIMATE DIMENSIONS OF 12 FEET X 60 FEET WITHIN THE DEMOLITION AREA AFTER DEMOLITION ACTIVITIES ARE COMPLETED.
- SEALING CRACKED OPENING ALONG A CONSTRUCTION COLD JOINT AT THE PCC WALL AND CHANNEL OF THE ULTRAVIOLET DISINFECTION FACILITY TO STOP AN EXISTING WASTEWATER EFFLUENT LEAK.
- COMPLETING SITE GRADING WITHIN A PORTION OF THE DEMOLITION AREA AFTER DEMOLITION WORK IS COMPLETED. THIS ITEM INCLUDES OBTAINING, TRANSPORTING AND PLACING NATIVE MATERIAL OBTAINED AT THE CITY OF IMPERIAL WATER TREATMENT PLANT AS BORROW MATERIAL TO COMPLETE THE SITE GRADING WORK.

REFER TO THE IMPROVEMENT PLANS AND SPECIFICATIONS TO DETERMINE THE COMPLETE DEMOLITION SCOPE OF WORK AND ANY IMPROVEMENTS ASSOCIATED WITH THE ABOVE LISTED ITEMS.

THE DEMOLITION AREA IS LOCATED WITHIN THE EXISTING CITY OF IMPERIAL WASTEWATER TREATMENT PLANT SITE. THE DEMOLITION LIMITS ARE ILLUSTRATED ON THE PLANS. DEMOLITION EXCAVATIONS ARE TO BE COMPLETED WITHIN THE DEMOLITION LIMIT LINES ILLUSTRATED ON THE PLANS. THERE ARE EXISTING UNDERGROUND PIPELINES AND UTILITIES OUTSIDE OF THE DEMOLITION LINES. THE LOCATION OF MANY OF THE EXISTING UNDERGROUND PIPELINES AND UTILITIES OUTSIDE OF THE DEMOLITION LINES IS NOT KNOWN. IT SHALL THEREFORE BE REQUIRED THAT ALL DEMOLITION EXCAVATIONS REMAIN INSIDE OF THE DEMOLITION BOUNDARY LINES ILLUSTRATED ON THE PLANS.

A LEAD AND ASBESTOS SURVEY WAS COMPLETED BY NICKLAUS ENGINEERING, INC. FOR CLARIFIER NUMBER 1, CLARIFIER NUMBER 2 AND THE OPERATION BUILDING IN OCTOBER 2025. THE NICKLAUS ENGINEERING ASBESTOS AND LEAD BASED PAINT SURVEY REPORT IDENTIFIED ASBESTOS AND LEAD IN PRIMARILY THE OPERATIONS BUILDING. A METAL STANDPIPE AT CLARIFIER NUMBER 1 WAS IDENTIFIED TO CONTAIN LEAD. ONLY A LIMITED AMOUNT OF DEMOLITION WORK IS BEING COMPLETED IN THE OPERATIONS BUILDING AS ILLUSTRATED ON PLAN SHEETS 3 AND 20. THE CONTRACTOR SHALL INCLUDE THE DEMOLITION REMOVAL AND DISPOSAL OF LEAD AND ASBESTOS ITEMS IN THE OPERATIONS BUILDING FOR THOSE ITEMS "CALLED OUT" FOR DEMOLITION ON THE PLANS. IF ITEMS IDENTIFIED AS CONTAINING ASBESTOS OR LEAD IN THE NICKLAUS ENGINEERING REPORT ARE NOT "CALLED OUT" FOR DEMOLITION ON IMPROVEMENT PLANS 3 AND 20 THEN THOSE ITEMS SHALL BE "LEFT IN PLACE" AND REMAIN. THE METAL STAND PIPE AT CLARIFIER NUMBER 1 IS TO BE REMOVED AND DISPOSED OF AS A DEMOLITION ITEM. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ASBESTOS AND LEAD ITEMS IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE NICKLAUS ENGINEERING, INC. OCTOBER 2025 REPORT.

AN IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT CONSTRUCTION/DEMOLITION NOTIFICATION FORM AND A U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM ARE TO BE SUBMITTED TO THE APPROPRIATE AGENCIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE FORMS HAVE BEEN INCLUDED IN ITEMS 8 AND 9 OF THIS DOCUMENT. BOTH FORMS REQUIRE THAT THE DEMOLITION CONTRACTOR BE LISTED ON THE FORMS. SINCE THE CONTRACTOR TO COMPLETE THE DEMOLITION PROJECT WILL NOT BE KNOWN UNTIL THE PROCESSING OF THE CONTRACT DOCUMENTS BETWEEN THE CITY OF IMPERIAL AND THE CONTRACTOR IS FINISHED, IT WILL BE NECESSARY FOR THE FORMS TO BE COMPLETED BY THE CITY OF IMPERIAL CONSTRUCTION MANAGER AND CONTRACTOR AND SUBMITTED TO THE APPROPRIATE AGENCIES AFTER THE AGREEMENT BETWEEN THE CITY OF IMPERIAL AND CONTRACTOR IS FULLY EXECUTED.

THIS PROJECT SHALL BE COMPLETED IN CONFORMANCE WITH THE IMPROVEMENT PLANS, TECHNICAL SPECIFICATIONS, SPECIAL CONDITIONS AND CONTRACT DOCUMENTS. THE IMPROVEMENT PLANS TECHNICAL SPECIFICATIONS AND SPECIAL CONDITIONS WERE PREPARED SPECIFICALLY FOR THIS PROJECT AND SUPERSEDE THE CITY OF IMPERIAL MUNICIPAL CONSTRUCTION AND DEMOLITION RECYCLING PROGRAM REQUIREMENTS. THE TECHNICAL SPECIFICATIONS AND SPECIAL CONDITIONS WERE PREPARED IN ACCORDANCE WITH THE CALIFORNIA CODE OF REGULATIONS (CCR'S) INCLUDING THE CALIFORNIA GREEN BUILDING STANDARDS CODE. A DETAILED EXPLANATION OF DEMOLITION REQUIREMENTS, DEMOLITION MATERIAL DIVERSION REQUIREMENTS AND DEMOLITION MATERIAL RECYCLING, REUSE, SALVAGE AND DISPOSAL REQUIREMENTS ARE CONTAINED IN THE TECHNICAL SPECIFICATIONS. THE CONTRACTOR SHALL OBTAIN A DEMOLITION PERMIT FROM THE CITY OF IMPERIAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

CITY OF IMPERIAL - GENERAL NOTES

- CITY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS, IF APPLICABLE, SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
- THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH IMPERIAL COUNTY STANDARDS (OR CALTRANS IF IN STATE ROW) AND AS APPROVED BY THE PUBLIC WORKS DIRECTOR (OR CALTRANS).
- APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
- ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS-GUTTER AND PAVING.
- THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THERE ARE LIKELY OTHER BELOW GRADE EXISTING UTILITIES AND STRUCTURES THAT ARE NOT ILLUSTRATED ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER EXISTING UTILITIES WHICH ARE NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS, IF REVISIONS ARE NECESSARY, BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- UTILITIES COORDINATION
NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.
1. COUNTY OF IMPERIAL, DEPT. OF PUBLIC WORKS (760) 462-4462
2. IMPERIAL IRRIGATION DISTRICT (POWER) (760) 339-9280
3. IMPERIAL IRRIGATION DISTRICT (WATER) (760) 339-9263
4. AT&T (800) 442-4133
5. THE GAS CO. (800) 422-4133/(800) 227-2600
6. SPECTRUM (760) 339-4800

EXISTING UNDERGROUND UTILITIES
BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK.

CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

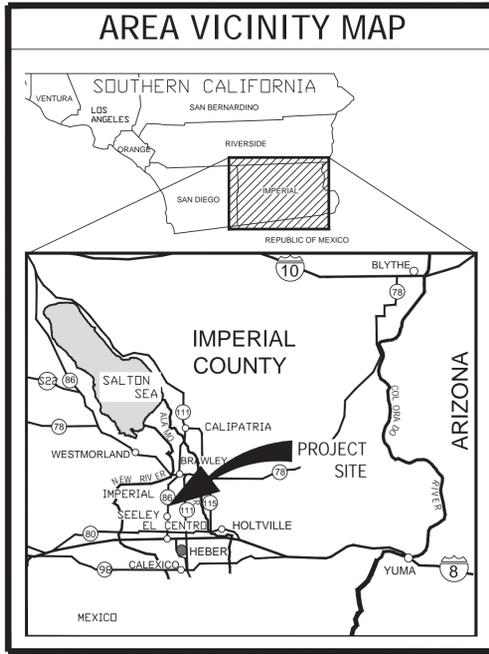
ACCURATE VERIFICATION AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, AT&T, TELEPHONE COMPANY, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK NEAR SUCH UTILITY FACILITIES AND SHALL COORDINATE HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT UNDERGROUND SERVICE ALERT AT 811 (FORMERLY 1-800-422-4133).

- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF REALLOCATIONS, IF NEEDED.
- CONSTRUCT A PUBLIC STREET LIGHT SYSTEM CONFORMING TO APPROPRIATE STANDARDS AND STREET LIGHT SPECIFICATIONS. POWER SOURCES AND RUNS SHALL BE SHOWN ON THE "AS-BUILT" IMPROVEMENT DRAWINGS. ALL POWER SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY EASEMENT.
- NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
- PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. CITY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.
- ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL DO ALL NEW STRIPING AND SANDBLASTING OF REDUNDANT STRIPING.
- THE CONSTRUCTION OF ONE PCC STANDARD DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OF WORK. PCC SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE CITY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN CITY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED. (760) 355-1152. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEY'RE CONTACT NUMBER 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE CITY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVE.
- NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE CITY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO ACCEPTANCE.
- ALL WORK AND MATERIAL SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS. THE CITY OF IMPERIAL PUBLIC WORKS STANDARDS AND ENCROACHMENT PERMIT CONDITIONS, IF APPLICABLE, ANY REFERENCED STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS OF THE AGENCIES REFERRED TO HEREIN SHALL APPLY TO THIS PROJECT. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF THE CITY OF IMPERIAL.
- UNLESS SPECIFICALLY INDICATED OTHERWISE METHODS EMPLOYED AND MATERIAL USED IN THE CONSTRUCTION OF ALL OFFSITE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE "STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST REVISION". ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL AS REQUIRED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF SAFETY AND TO ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND STANDARDS.
- IF SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN A GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY. CONTACT STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY ATTENTION: STORM WATER PERMIT UNIT, P.O. BOX 1977, SACRAMENTO, CALIFORNIA 95612.
- CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNER/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD, PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.
- AS DETERMINED BY THE COUNTY PUBLIC WORKS DIRECTOR/ROAD COMMISSIONER, THE DEVELOPER IS RESPONSIBLE FOR A MINIMUM FOR ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.
- EXISTING STORM DRAIN PIPES/CULVERTS WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN PROJECT VICINITY SHALL BE REPAIRED AND/OR CURED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE PUBLIC WORKS DIRECTOR.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT WORK AREA TRAFFIC CONTROL HANDBOOK OR AS DIRECTED BY THE CITY OF IMPERIAL TRAFFIC ENGINEER.
- ANY EXISTING SURVEY MONUMENTS OR COUNTY RECOGNIZED BENCHMARKS SHALL BE PROTECTED BY THE CONTRACTOR. SHOULD ANY SUCH MONUMENTS OR BENCHMARKS BE REMOVED, DAMAGED, OBLITERATED OR ALTERED BY THE CONTRACTORS OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER RESETTLEMENT OF THE SAME AS PER THE SUBDIVISION MAP ACT, THE PROFESSIONAL LAND SURVEYORS ACT AND TO THE SATISFACTION OF THE CITY SURVEYOR/DIRECTOR OF PUBLIC WORKS. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING, A CORNER RECORD OR RECORD OF SURVEY AS APPROPRIATE SHALL BE FILLED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER.
- THE NOTES LISTED ABOVE ARE MINIMUM LIST. THIS DOES NOT RELIEVE THE ENGINEER FROM COMPLYING ADDITIONAL NOTES THAT MAY BE REQUIRED FOR THE PROJECT.

UNDERGROUND UTILITIES & STRUCTURES

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN IN THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THERE ARE LIKELY OTHER BELOW GRADE EXISTING UTILITIES AND STRUCTURES THAT ARE NOT ILLUSTRATED ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES, REGARDLESS OF WHETHER THE UTILITIES ARE SHOWN OR NOT SHOWN ON THE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF ANY DAMAGE TO THE UTILITIES.

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.



CALL BEFORE

Underground Service Alert

Call: TOLL FREE
811

TWO WORKING DAYS BEFORE DIGGING

CITY COUNCIL

JAMES TUCKER	MAYOR
IDA OBESO-MARTINEZ	MAYOR PRO-TEM
ROBERT AMPARANO	COUNCIL MEMBER
KATHERINE BURNWORTH	COUNCIL MEMBER
STACY MENDOZA	COUNCIL MEMBER

CITY STAFF

DENNIS MORITA	CITY MANAGER
DAVID DALE	PUBLIC SERVICES DIRECTOR
CHRISTOPHER KEMP	CHIEF WASTEWATER OPERATOR
JENELL GUERRERO	PUBLIC SERVICES MANAGER

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PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES G. JACK HOLT
10/24/2025
DATE

31773
R.C.E. NO.
12/31/06
REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT
PROJECT NUMBER: 173-138
SHEET CONTENT: TITLE SHEET

DESIGN BY: FBC
DRAWN BY: FBC
CHKD. BY: JGH

SHEET
1
OF 30 SHEETS

- EXISTING KEYNOTES**
- 1 EXISTING A.C. PAVEMENT.
 - 2 EXISTING P.C.C. CURB AND GUTTER.
 - 3 EXISTING SIDEWALK.
 - 4 EXISTING LIGHT POLE.
 - 5 EXISTING OVERHEAD POWER LINES.
 - 6 EXISTING POWER POLE OR COMMUNICATION POLE.
 - 7 EXISTING PARKING LOT SHADE.
 - 8 EXISTING WATER VALVE.
 - 9 EXISTING SEPTIC DUMP STRUCTURE.
 - 10 EXISTING 6" CHAIN LINK FENCE.
 - 11 EXISTING TREE.
 - 12 EXISTING 20-FOOT STEEL CONTAINERS HAVE BEEN REMOVED AND RELOCATED BY THE CITY OF IMPERIAL PRIOR TO THE BEGINNING OF THE DEMOLITION PROJECT.
 - 13 EXISTING P.C.C. CONCRETE SLAB.
 - 14 EXISTING CONCRETE STORM DRAINAGE CHANNEL.
 - 15 EXISTING NATIVE EARTH ROAD.
 - 16 EXISTING CRUSHED ROCK.
 - 17 EXISTING 6" P.C.C. RETENTION WALL.
 - 18 EXISTING NATIVE EARTH.
 - 19 EXISTING MANHOLE.
 - 20 EXISTING SEWER LATERAL PIPE. EXACT DEPTH AND LOCATION UNKNOWN.
 - 21 EXISTING POTABLE WATER PIPELINE.
 - 22 EXISTING BACKFLOW PREVENTER.
 - 23 GRASS AREA.
 - 24 EXISTING 20' STEEL CONTAINER.
 - 25 EXISTING SEWER VALVE.
 - 26 EXISTING WATER METER ENCLOSURE.
 - 27 EXISTING AT&T JUNCTION BOX TO REMAIN.

TBM #2
EL 935.72

RAW
WASTEWATER
PUMP STATION
& INFLUENT
WET WELL

EXISTING SEPTIC DUMP
STRUCTURE.
SEE PLAN SHEET 9.

OPERATION
BUILDING.
SEE PLAN
SHEET 3.

CLARIFIER
NUMBER 1
SEE PLAN
SHEET 4.

SLUDGE PUMP
STATION UPPER
FLOOR.
SEE PLAN SHEET 6.
SLUDGE PUMP
STATION LOWER
FLOOR
SEE PLAN
SHEET 7.

ULTRAVIOLET
DISINFECTION
FACILITY.
SEE PLAN SHEET 8.

CLARIFIER
NUMBER 2.
SEE PLAN
SHEET 5.

NORTH P STREET

TBM #1
EL 935.74

BENCHMARK TABLE		
BENCHMARK / TBM	DESCRIPTION	ELEVATION
BM 1	BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.	940.33
TBM 1	SET TBM #1 AT THE CHISELED "X" ON TOP OF THE CURB LOCATED WEST OF THE OPERATIONS BUILDING, AT THE SOUTHWEST CORNER OF THE EXISTING DRIVEWAY, AND SOUTH OF THE RAW WASTEWATER PUMP STATION AND INFLUENT WET WELL.	935.74
TBM 2	SET TBM #2 AT THE CHISELED "X" ON TOP OF THE PCC LIGHT POLE CONCRETE PEDESTAL STRUCTURE. THE POLE IS LOCATED NORTHWEST OF THE SLUDGE PUMP STATION BUILDING AND NORTHEAST OF THE RAW WASTEWATER PUMP STATION AND INFLUENT WET WELL.	935.72

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

The Holt Group, Inc.
ENGINEERING PLANNING SURVEYING

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(760) 337-3883

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201 E. Hobsonway
Blythe, CA 92225
(760) 922-4658

DESIGNED BY:
FBC

DRAWN BY:
FBC

CHECKED BY:
JGH

BENCHMARK: BM NO 1: EL 940.33'

BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.



PREPARED UNDER THE DIRECT SUPERVISION OF:

JAMES G. "JACK" HOLT

10/24/2025

DATE

31773
R.C.E. NO.

12/31/26
REG. EXP.

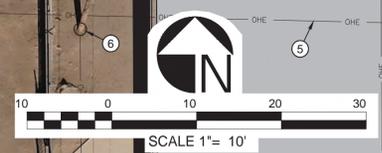
PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: DEMOLITION SITE PLAN

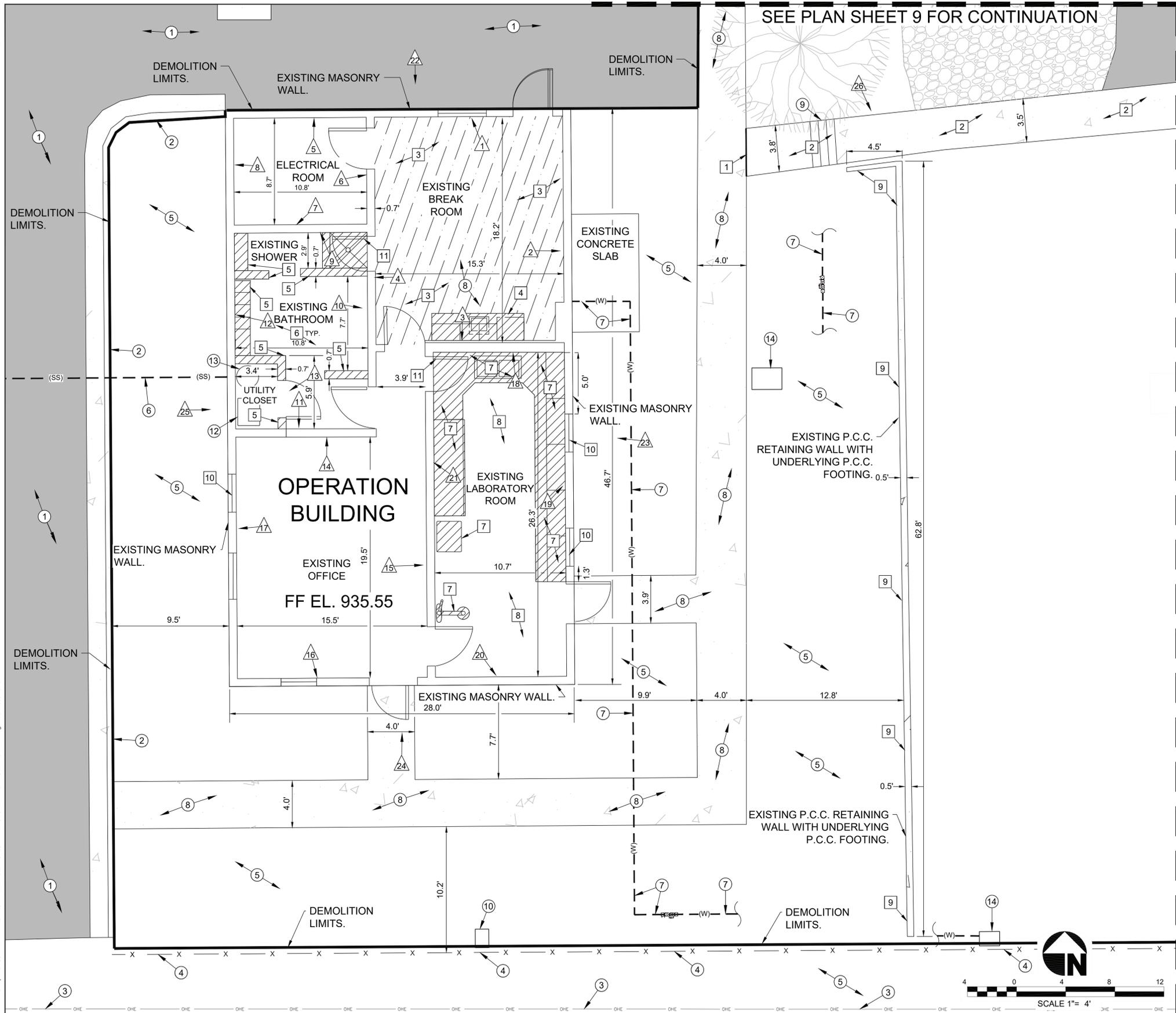
SHEET 2

OF 30 SHEETS

JOB NO. 173.138



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SEE PLAN SHEET 9 FOR CONTINUATION

SEE PLAN SHEET 4 FOR CONTINUATION

EXISTING KEYNOTES

- 1 EXISTING A.C. PAVEMENT TO REMAIN.
- 2 EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- 3 EXISTING OVERHEAD POWER LINES TO REMAIN.
- 4 EXISTING 6" CHAIN LINK FENCE TO REMAIN.
- 5 EXISTING NATIVE EARTH OR GRASS AREA TO REMAIN UNLESS WITHIN A DEMOLITION AREA.
- 6 EXISTING SEWER LATERAL PIPELINE. EXACT DEPTH AND LOCATION UNKNOWN.
- 7 EXISTING POTABLE WATER PIPELINE.
- 8 EXISTING P.C.C. SIDEWALK TO REMAIN.
- 9 EXISTING CONCRETE STEPS.
- 10 EXISTING AT&T JUNCTION BOX TO REMAIN.
- 11 EXISTING WINDOW TO REMAIN.
- 12 EXISTING JANITOR SINK.
- 13 EXISTING WATER HEATER.
- 14 EXISTING WATER METER BOX.

DEMOLITION KEYNOTES

- 1 SAWCUT THE EXISTING P.C.C. SIDEWALK FOR THE FULL DEPTH OF THE P.C.C. SIDEWALK.
- 2 REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AND STEPS.
- 3 REMOVE AND DISPOSE OF THE EXISTING BREAK ROOM TILE FLOOR AND UNDERLYING MATERIAL RESULTING IN A SMOOTH CLEAN UNDERLYING CONCRETE FLOOR. SEE PICTURE LIST 1, 2, 3, AND 4.
- 4 REMOVE AND DISPOSE OF THE EXISTING BREAK ROOM CABINETS AND SINK ALL OTHER ITEMS ASSOCIATED WITH THE BREAK ROOM AND CABINET AND SINK.
- 5 REMOVE AND DISPOSE OF THE EXISTING BATHROOM INTERIOR MASONRY WALLS AND PARTITIONS, INCLUDING ALL COMPONENTS MOUNTED TO OR BORDERING THE WALLS. SEE ITEMS MOUNTED TO OR BORDERING THE WALLS INCLUDE BUT ARE NOT LIMITED TO THE BATHROOM SINKS AND UNDERLYING CABINETS, URINALS, WATER CLOSET, MIRRORS, SOAP DISPENSERS, TOILET PAPER HOLDERS, PAPER TOWEL DISPENSERS, SHELVES, CLOTH HANGERS, BENCHES AND OTHER ITEMS. THE WALLS INCLUDE BUT ARE NOT LIMITED TO THE BATHROOM SINK. PICTURE LIST 5, 6, 7, 8, 9, 10, 11, 12, AND 13.
- 6 REMOVE AND DISPOSE OF THE EXISTING BATHROOM FLOOR TILE AND UNDERLYING MATERIAL RESULTING IN A SMOOTH CLEAN UNDERLYING CONCRETE FLOOR.
- 7 REMOVE AND DISPOSE OF THE EXISTING ITEMS BORDERING THE LABORATORY ROOM WALL. REMOVE THE REFRIGERATOR, EYEWASH STATION, CABINETS, OVEN, COUNTERTOPS, SHELVES, SINK, PLUMBING, AND ALL OTHER ITEMS BORDERING THE NORTH EAST AND WEST WALLS. THE FIRE EXTINGUISHER ALONG THE EAST WALL IS TO BE REMOVED AND DELIVERED TO THE IMPERIAL WASTEWATER TREATMENT PLANT CHIEF OPERATOR. ALL ELECTRICAL PANELS, ELECTRICAL TRANSFORMER AND IRRIGATION CONTROLLER ALONG THE SOUTH LABORATORY WALL IS TO REMAIN.
- 8 REMOVE AND DISPOSE OF THE EXISTING LABORATORY ROOM FLOOR PAINT.
- 9 REMOVE AND DISPOSE OF THE EXISTING CONCRETE RETENTION WALL AND BELOW GRADE FOOTING. SEE CROSS SECTION A-A ON PLAN SHEET 29.
- 10 SAWCUT THE EXISTING P.C.C. MASONRY WALL TO CREATE A WINDOW OPENING MEASURING 37" X 37". LOCATED 44" ABOVE THE FINISHED FLOOR TO THE BOTTOM OF THE OPENING. REMOVE AND PROPERLY DISPOSE OF ALL MATERIALS ASSOCIATED WITH THE OPENING. VERIFY EXACT LOCATION AND DIMENSIONS WITH THE CONSTRUCTION MANAGEMENT PRIOR TO THE SAWCUTTING AND REMOVAL OF THE MASONRY WALL OPENING.
- 11 SAWCUT THE EXISTING P.C.C. MASONRY WALL TO CREATE A DOOR OPENING MEASURING 34" X 82". REMOVE AND PROPERLY DISPOSE OF ALL MATERIALS ASSOCIATED WITH THE OPENING. VERIFY EXACT LOCATION AND DIMENSIONS WITH THE CONSTRUCTION MANAGEMENT PRIOR TO THE SAWCUTTING AND REMOVAL OF THE MASONRY WALL OPENING.

PICTURE LIST

- 1 PHOTO OF THE NORTH WALL OF EXISTING BREAK ROOM. SEE PLAN SHEET 10.
- 2 PHOTO OF THE EAST WALL OF EXISTING BREAK ROOM. SEE PLAN SHEET 10.
- 3 PHOTO OF THE SOUTH WALL OF EXISTING BREAK ROOM. SEE PLAN SHEET 10.
- 4 PHOTO OF THE WEST WALL OF EXISTING BREAK ROOM. SEE PLAN SHEET 10.
- 5 PHOTO OF THE NORTH WALL OF EXISTING ELECTRICAL ROOM. SEE PLAN SHEET 10.
- 6 PHOTO OF THE EAST WALL OF EXISTING ELECTRICAL ROOM. SEE PLAN SHEET 10.
- 7 PHOTO OF THE SOUTH WALL OF EXISTING ELECTRICAL ROOM. SEE PLAN SHEET 10.
- 8 PHOTO OF THE WEST WALL OF EXISTING ELECTRICAL ROOM. SEE PLAN SHEET 10.
- 9 PHOTO OF THE NORTH WALL OF EXISTING BATHROOM. SEE PLAN SHEET 10.
- 10 PHOTO OF THE EAST WALL OF EXISTING BATHROOM. SEE PLAN SHEET 11.
- 11 PHOTO OF THE SOUTH WALL OF EXISTING BATHROOM. SEE PLAN SHEET 11.
- 12 PHOTO OF THE WEST WALL OF EXISTING BATHROOM. SEE PLAN SHEET 11.
- 13 PHOTO OF THE WEST CLOSED AT THE EXISTING BATHROOM. SEE PLAN SHEET 11.
- 14 PHOTO OF THE NORTH WALL OF EXISTING OFFICE. SEE PLAN SHEET 11.
- 15 PHOTO OF THE EAST WALL OF EXISTING OFFICE. SEE PLAN SHEET 11.
- 16 PHOTO OF THE SOUTH WALL OF EXISTING OFFICE. SEE PLAN SHEET 11.
- 17 PHOTO OF THE WEST WALL OF EXISTING OFFICE. SEE PLAN SHEET 11.
- 18 PHOTO OF THE NORTH WALL OF EXISTING LABORATORY ROOM. SEE PLAN SHEET 11.
- 19 PHOTO OF THE EAST WALL OF EXISTING LABORATORY ROOM. SEE PLAN SHEET 12.
- 20 PHOTO OF THE SOUTH WALL OF EXISTING LABORATORY ROOM. SEE PLAN SHEET 12.
- 21 PHOTO OF THE WEST WALL OF EXISTING LABORATORY ROOM. SEE PLAN SHEET 12.
- 22 PHOTO OF THE NORTH SIDE VIEW OF OPERATION BUILDING. SEE PLAN SHEET 12.
- 23 PHOTO OF THE EAST SIDE VIEW OF OPERATION BUILDING. SEE PLAN SHEET 12.
- 24 PHOTO OF THE SOUTH SIDE VIEW OF OPERATION BUILDING. SEE PLAN SHEET 12.
- 25 PHOTO OF THE WEST SIDE VIEW OF OPERATION BUILDING. SEE PLAN SHEET 12.
- 26 PHOTO OF THE EXISTING CONCRETE RETAINING WALL, SOUTH VIEW. SEE PLAN SHEET 12.

NOTE: FOR ADDITIONAL REFERENCE, SEE SHEETS A-1, AND H-2 OF 1995 AS-BUILT PLANS ILLUSTRATING OPERATION BUILDING

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				FBC
				DRAWN BY:
				FBC
				CHECKED BY:
				JGH

BENCHMARK: BM NO 1: EL 940.33'

BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.



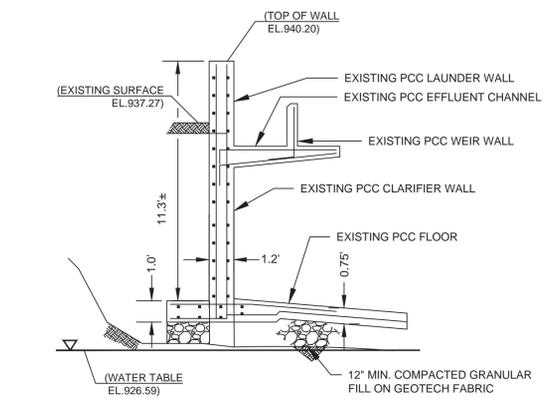
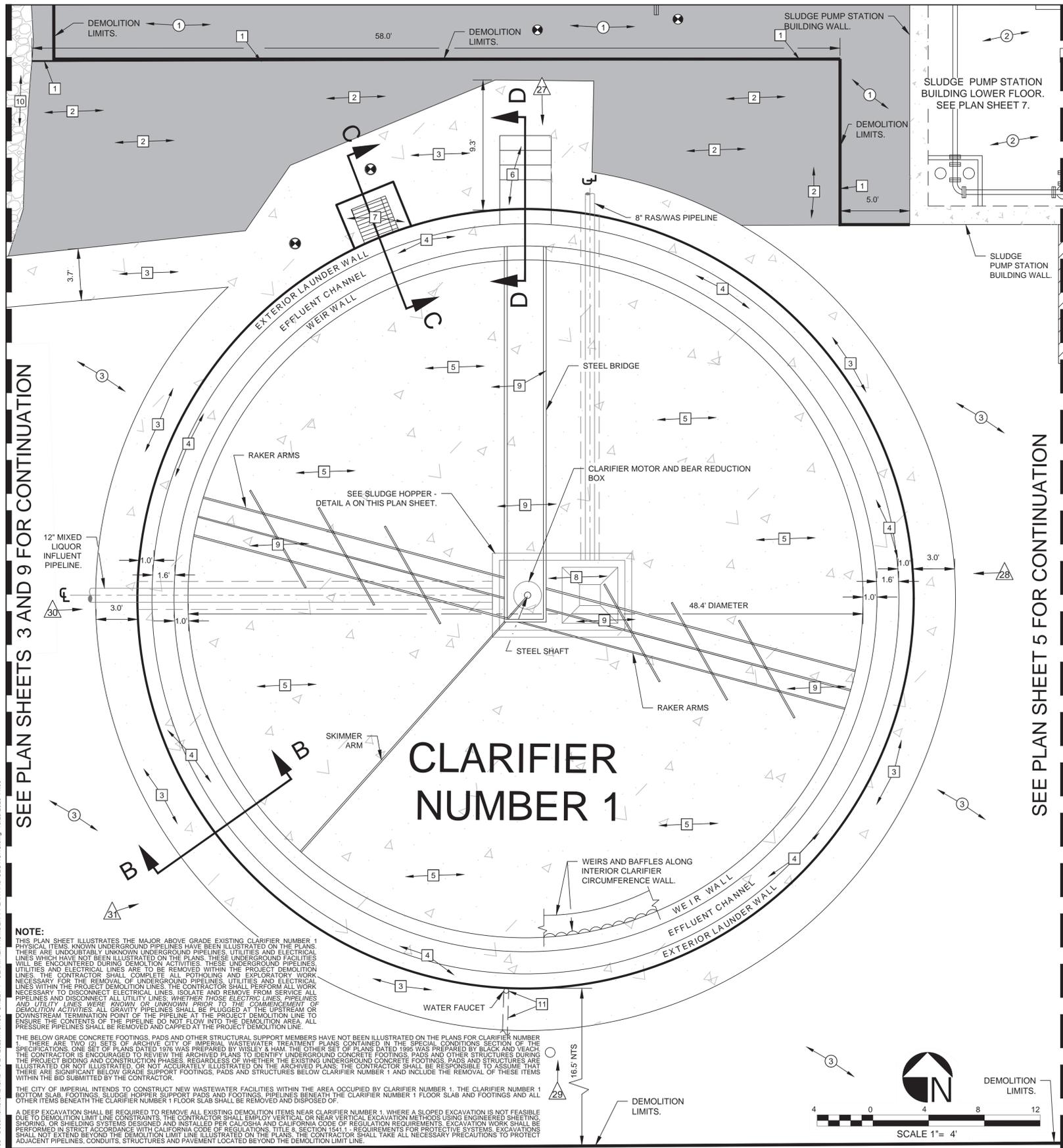
PREPARED UNDER THE DIRECT SUPERVISION OF:

JAMES G. "JACK" HOLT
10/24/2025
DATE

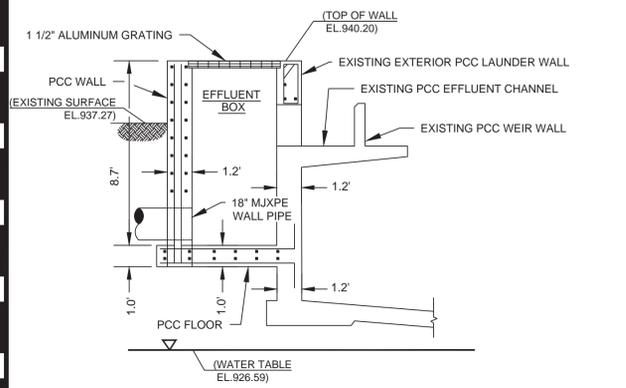
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PROJECT TITLE:	CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT	SHEET	3
SHEET CONTENT:	OPERATION BUILDING PLAN	OF 30 SHEETS	
		JOB NO.	173.138

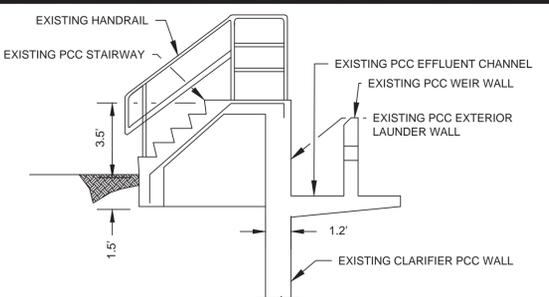
C:\Users\francisco.HOLT\OneDrive\Work\Projects\173.138 - Documents\CAD\CAD 10-24-2025\173.138 - SHEET 3 - OPERATION BUILDING PLAN.dwg 11/07/2025 16:13



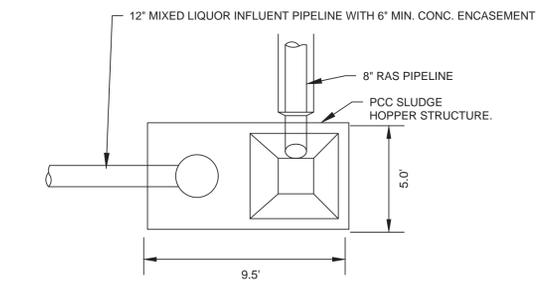
CLARIFIER 1 EXTERIOR WALL SECTION B-B
SCALE 1" = 4'



EFFLUENT BOX SECTION C-C
SCALE 1" = 4'



PCC SECTION D-D
SCALE 1" = 4'



SLUDGE HOPPER PLAN - DETAIL A
SCALE 1" = 4'

- EXISTING KEYNOTES**
- EXISTING A.C. PAVEMENT TO REMAIN.
 - EXISTING SLUDGE PUMP STATION BUILDING.
 - EXISTING NATIVE EARTH.
- DEMOLITION KEYNOTES**
- SAWCUT A.C. PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT.
 - REMOVE AND DISPOSE OF A.C. PAVEMENT.
 - REMOVE AND DISPOSE OF EXISTING PCC SIDEWALK.
 - REMOVE AND DISPOSE OF EXISTING CLARIFIER NUMBER 1 PCC EXTERIOR WALL, WALL FOOTING, LAUNDER WALL, EFFLUENT CHANNEL AND WEIR WALL INCLUDING ALL ITEMS ATTACHED TO THESE PCC STRUCTURES. SEE SECTION B-B ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF THE EXISTING CLARIFIER NUMBER 1 PCC FLOOR AND BELOW GRADE PCC FOOTINGS.
 - REMOVE AND DISPOSE OF THE EXISTING CLARIFIER NUMBER 1 PCC STAIRS INCLUDING THE EXISTING HANDRAILS AND ALL OTHER ITEMS ATTACHED TO THE STAIRS. SEE SECTION D-D ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF THE EXISTING CLARIFIER NUMBER 1 PCC EFFLUENT BOX WALLS, FLOOR AND FOOTINGS. REMOVE AND DISPOSE OF THE EFFLUENT BOX GRATING AND ALL OTHER ITEMS ATTACHED TO THE EFFLUENT BOX. SEE SECTION C-C ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF EXISTING CLARIFIER NUMBER 1 PCC SLUDGE HOPPER STRUCTURE AND ALL ITEMS CONNECTED OR EMBEDDED IN THE SLUDGE HOPPER STRUCTURE. SEE DETAIL A ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF ALL MECHANICAL AND ELECTRICAL ITEMS WITHIN EXISTING CLARIFIER NUMBER 1 INCLUDING BUT NOT LIMITED TO THE RAKER ARM, RAKER ARM SHAFT, CLARIFIER MOTOR AND GEAR REDUCTION BOX, SKIMMER ARM, STEEL BRIDGE, ELECTRICAL CONDUIT AND CONDUCTORS FOR THE CLARIFIER MOTOR, ELECTRICAL DISCONNECT SWITCH NEAR THE ELECTRICAL MOTOR, ELECTRICAL LIGHT AND ALL OTHER MECHANICAL AND ELECTRICAL COMPONENTS.
 - EXISTING ROCK TO BE SALVAGED, RELOCATED, AND PLACED IN AN AREA WITHIN THE CITY OF IMPERIAL WASTEWATER TREATMENT PLANT AS DETERMINED BY THE CHIEF WASTEWATER PLANT OPERATOR. SEE PLAN SHEET 2 FOR ILLUSTRATION OF THE ENTIRE CRUSHED ROCK AREA.
 - REMOVE AND DISPOSE OF WATER FAUCET AND UNDERGROUND WATER PIPELINE.
- PICTURE LIST**
- PHOTO OF THE NORTH SIDE VIEW OF CLARIFIER NUMBER 1. SEE PLAN SHEET 13.
 - PHOTO OF THE EAST SIDE VIEW OF CLARIFIER NUMBER 1. SEE PLAN SHEET 13.
 - PHOTO OF THE SOUTH SIDE VIEW OF CLARIFIER NUMBER 1. SEE PLAN SHEET 13.
 - PHOTO OF THE WEST SIDE VIEW OF CLARIFIER NUMBER 1. SEE PLAN SHEET 13.
 - PHOTO OF THE SOUTHWEST SIDE OF CLARIFIER NO. 1 - TOP VIEW. SEE PLAN SHEET 13.
- NOTE: FOR ADDITIONAL REFERENCE, SEE SHEET S-4 OF 1995 AS-BUILT PLANS ILLUSTRATING CLARIFIER NUMBER 1**

NOTE:
THIS PLAN SHEET ILLUSTRATES THE MAJOR ABOVE GRADE EXISTING CLARIFIER NUMBER 1 PHYSICAL ITEMS. KNOWN UNDERGROUND PIPELINES HAVE BEEN ILLUSTRATED ON THE PLANS. THERE ARE UNDOUBTABLY UNKNOWN UNDERGROUND PIPELINES, UTILITIES AND ELECTRICAL LINES WHICH HAVE NOT BEEN ILLUSTRATED ON THE PLANS. THESE UNDERGROUND FACILITIES WILL BE ENCOUNTERED DURING DEMOLITION ACTIVITIES. THESE UNDERGROUND PIPELINES, UTILITIES AND ELECTRICAL LINES ARE TO BE REMOVED WITHIN THE PROJECT DEMOLITION LINES. THE CONTRACTOR SHALL COMPLETE ALL POT-HOLING AND EXPLORATORY WORK NECESSARY FOR THE REMOVAL OF UNDERGROUND PIPELINES, UTILITIES AND ELECTRICAL LINES WITHIN THE PROJECT DEMOLITION LINES. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO DISCONNECT ELECTRICAL LINES, ISOLATE AND REMOVE FROM SERVICE ALL PIPELINES AND DISCONNECT ALL UTILITY LINES, WHETHER THOSE ELECTRICAL LINES, PIPELINES AND UTILITY LINES WERE KNOWN OR UNKNOWN PRIOR TO THE COMMENCEMENT OF DEMOLITION ACTIVITIES. ALL GRAVITY PIPELINES SHALL BE PLUGGED AT THE UPSTREAM OR DOWNSTREAM TERMINATION POINT OF THE PIPELINE AT THE PROJECT DEMOLITION LINE TO ENSURE THE CONTENTS OF THE PIPELINE DO NOT FLOW INTO THE DEMOLITION AREA. ALL PRESSURE PIPELINES SHALL BE REMOVED AND CAPPED AT THE PROJECT DEMOLITION LINE.

THE BELOW GRADE CONCRETE FOOTINGS, PADS AND OTHER STRUCTURAL SUPPORT MEMBERS HAVE NOT BEEN ILLUSTRATED ON THE PLANS FOR CLARIFIER NUMBER 1. THERE ARE TWO (2) SETS OF ARCHIVE CITY OF IMPERIAL WASTEWATER TREATMENT PLANS CONTAINED IN THE SPECIAL CONDITIONS SECTION OF THE SPECIFICATIONS. ONE SET OF PLANS DATED 1976 WAS PREPARED BY WISLEY & HAM. THE OTHER SET OF PLANS DATED 1966 WAS PREPARED BY BLACK AND LEACH. THE CONTRACTOR IS ENCOURAGED TO REVIEW THE ARCHIVED PLANS TO IDENTIFY UNDERGROUND CONCRETE FOOTINGS, PADS AND OTHER STRUCTURES DURING THE PROJECT BIDDING AND CONSTRUCTION PHASES. REGARDLESS OF WHETHER THE EXISTING UNDERGROUND CONCRETE FOOTINGS, PADS AND STRUCTURES ARE ILLUSTRATED OR NOT ILLUSTRATED, OR NOT ACCURATELY ILLUSTRATED ON THE ARCHIVED PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSUME THAT THERE ARE SIGNIFICANT BELOW GRADE SUPPORT FOOTINGS, PADS AND STRUCTURES BELOW CLARIFIER NUMBER 1 AND INCLUDE THE REMOVAL OF THESE ITEMS WITHIN THE BID SUBMITTED BY THE CONTRACTOR.

THE CITY OF IMPERIAL INTENDS TO CONSTRUCT NEW WASTEWATER FACILITIES WITHIN THE AREA OCCUPIED BY CLARIFIER NUMBER 1. THE CLARIFIER NUMBER 1 BOTTOM SLAB FOOTINGS, SLUDGE HOPPER SUPPORT PADS AND FOOTINGS, PIPELINES BENEATH THE CLARIFIER NUMBER 1 FLOOR SLAB AND FOOTINGS AND ALL OTHER ITEMS BENEATH THE CLARIFIER NUMBER 1 FLOOR SLAB SHALL BE REMOVED AND DISPOSED OF.

A DEEP EXCAVATION SHALL BE REQUIRED TO REMOVE ALL EXISTING DEMOLITION ITEMS NEAR CLARIFIER NUMBER 1, WHERE A SLOPED EXCAVATION IS NOT FEASIBLE DUE TO DEMOLITION LIMIT LINE CONSTRAINTS. THE CONTRACTOR SHALL EMPLOY VERTICAL OR NEAR VERTICAL EXCAVATION METHODS USING ENGINEERED SHEETING, SHORING, OR SHIELDING SYSTEMS DESIGNED AND INSTALLED PER CALIFORNIA AND CALIFORNIA CODE OF REGULATION REQUIREMENTS. EXCAVATION WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH CALIFORNIA CODE OF REGULATIONS, TITLE 8, SECTION 1541.1 - REQUIREMENTS FOR PROTECTIVE SYSTEMS. EXCAVATIONS SHALL NOT BE DEEPER THAN THE DEMOLITION LIMIT LINE ILLUSTRATED ON THE PLANS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ADJACENT PIPELINES, CONDUITS, STRUCTURES AND PAVEMENT LOCATED BEYOND THE DEMOLITION LIMIT LINE.

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				FBC	BM NO 1: EL 940.3'
				FBC	BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.
				JGH	

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES G. "JACK" HOLT
10/24/2025
DATE

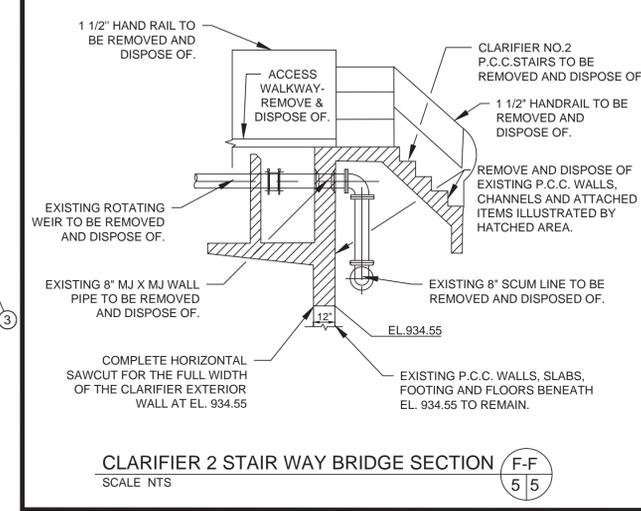
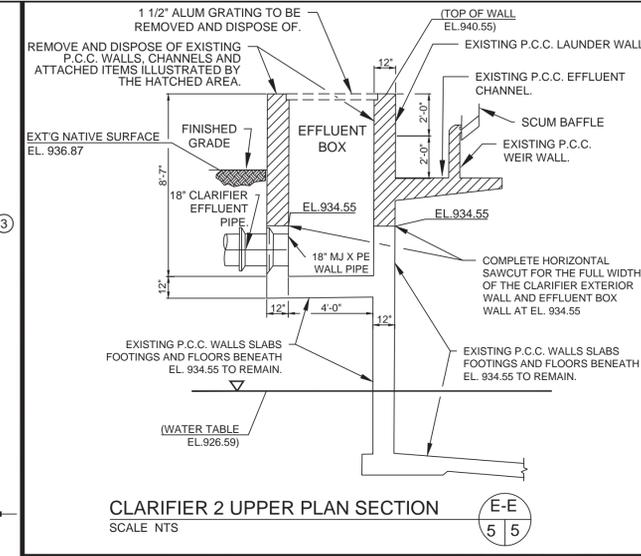
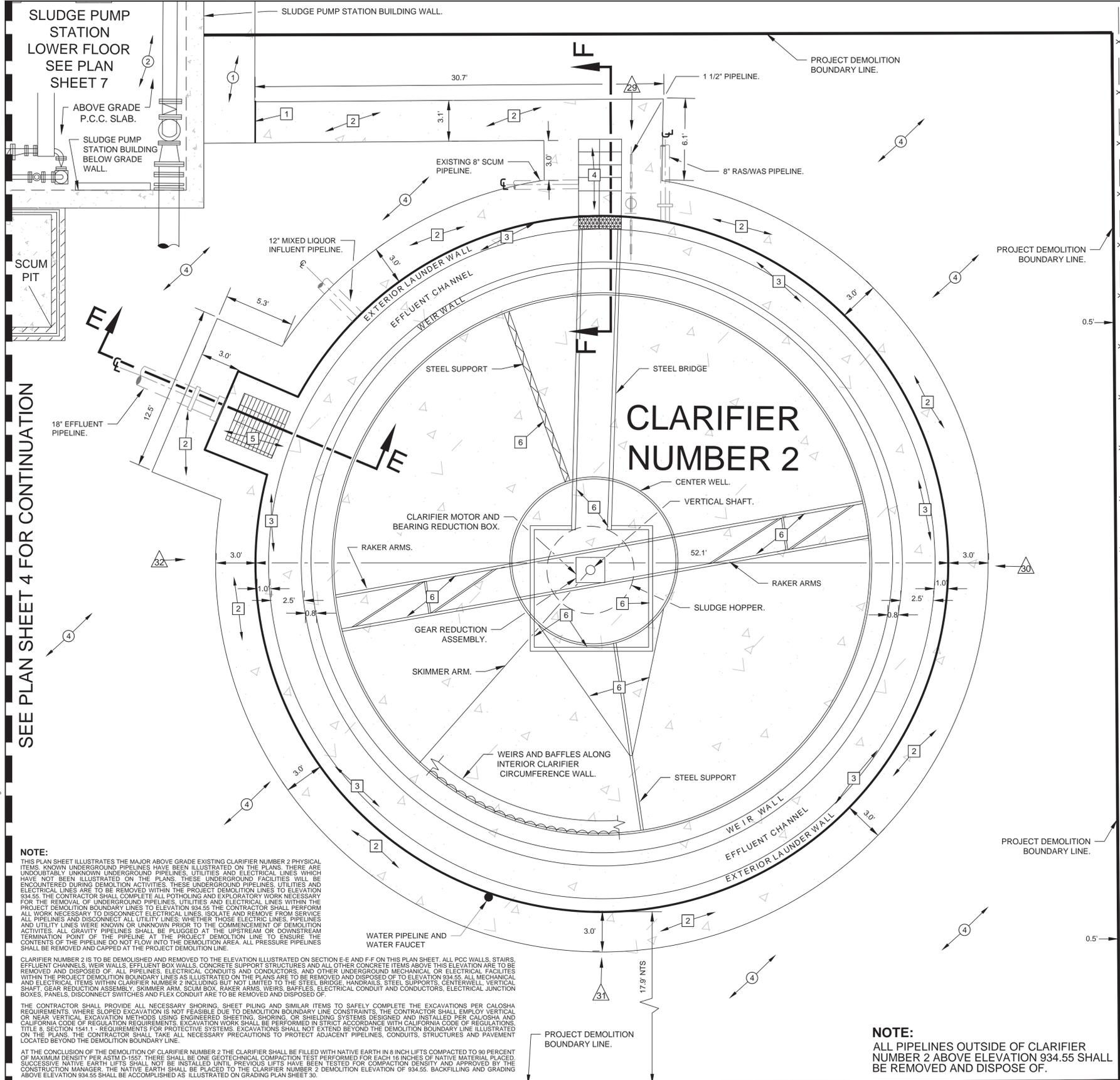
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R.C.E. NO.
12/31/26
REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: CLARIFIER NUMBER 1 PLAN AND SECTIONS

SHEET 4
OF 30 SHEETS
JOB NO. 173.138

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- EXISTING KEYNOTES**
- EXISTING P.C.C. SIDEWALK TO REMAIN.
 - EXISTING SLUDGE PUMP STATION BUILDING LOWER FLOOR.
 - EXISTING 6' CHAIN LINK FENCE TO REMAIN.
 - EXISTING NATIVE MATERIAL.

- DEMOLITION KEYNOTES**
- SAWCUT THE EXISTING PCC SIDEWALK FOR THE FULL DEPTH OF THE PCC SIDEWALK.
 - REMOVE AND DISPOSE OF EXISTING PCC SIDEWALK.
 - REMOVE AND DISPOSE OF EXISTING CLARIFIER NUMBER 2 EXTERIOR WALL, EFFLUENT CHANNEL AND WEIR WALL INCLUDING ALL ITEMS BORDERING OR ATTACHED TO THE EXTERIOR WALL, EFFLUENT CHANNEL AND WEIR WALL ABOVE ELEVATION 934.55. THE CLARIFIER EXTERIOR WALL BELOW ELEVATION 934.55 IS TO REMAIN. THE EXTERIOR PCC WALL IS TO BE SAWCUT FOR THE FULL WIDTH OF THE WALL AT EL. 934.55 PRIOR TO COMMENCING THE WALL DEMOLITION. SEE SECTION E-E ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF THE CLARIFIER NUMBER 2 EXISTING PCC STAIRS INCLUDING ALL ATTACHED ITEMS. SEE SECTION F-F ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF THE CLARIFIER NUMBER 2 EXISTING PCC EFFLUENT BOX INCLUDING ALL ATTACHED ITEMS ABOVE AN ELEVATION OF 934.55. SEE SECTION E-E ON THIS PLAN SHEET.
 - REMOVE AND DISPOSE OF ALL CLARIFIER NUMBER 2 MECHANICAL COMPONENTS WITHIN CLARIFIER NUMBER 2 INCLUDING BUT NOT LIMITED TO THE STEEL BRIDGE AND HANDRAILS, STEEL SUPPORTS, CENTERWELL, VERTICAL SHAFT, GEAR REDUCTION ASSEMBLY, SKIMMER ARM, SCUM BOX, RAKER ARMS AND ALL OTHER ITEMS. ALSO REMOVE AND DISPOSE OF ELECTRICAL FACILITIES IN CLARIFIER NUMBER 2 INCLUDING ELECTRICAL CONDUITS AND CONDUCTORS, MOTORS, FLEX CONDUIT, DISCONNECT SWITCHES, JUNCTION BOXES AND ALL OTHER ELECTRICAL ITEMS.

- CIVIL PICTURE LIST**
- PHOTO OF THE NORTH SIDE VIEW OF CLARIFIER NUMBER 2. SEE PLAN SHEET 14.
 - PHOTO OF THE EAST SIDE VIEW OF CLARIFIER NUMBER 2. SEE PLAN SHEET 14.
 - PHOTO OF THE SOUTH SIDE VIEW OF CLARIFIER NUMBER 2. SEE PLAN SHEET 14.
 - PHOTO OF THE WEST SIDE VIEW OF CLARIFIER NUMBER 2. SEE PLAN SHEET 14.
 - PHOTO OF THE SOUTHWEST SIDE OF CLARIFIER NO. 2 - TOP VIEW. SEE PLAN SHEET 14.

NOTE: FOR ADDITIONAL REFERENCES SEE SHEET M-3 OF 1995 AS-BUILT PLANS ILLUSTRATING CLARIFIER NUMBER 2.

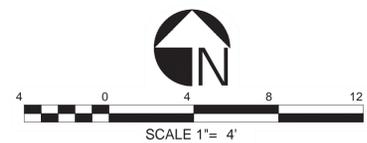
NOTE:
THIS PLAN SHEET ILLUSTRATES THE MAJOR ABOVE GRADE EXISTING CLARIFIER NUMBER 2 PHYSICAL ITEMS. KNOWN UNDERGROUND PIPELINES HAVE BEEN ILLUSTRATED ON THE PLANS. THERE ARE UNDOUBTABLY UNKNOWN UNDERGROUND PIPELINES, UTILITIES AND ELECTRICAL LINES WHICH HAVE NOT BEEN ILLUSTRATED ON THE PLANS. THESE UNDERGROUND FACILITIES WILL BE ENCOUNTERED DURING DEMOLITION ACTIVITIES. THESE UNDERGROUND PIPELINES, UTILITIES AND ELECTRICAL LINES ARE TO BE REMOVED WITHIN THE PROJECT DEMOLITION LINES TO ELEVATION 934.55. THE CONTRACTOR SHALL COMPLETE ALL POTHOLING AND EXPLORATORY WORK NECESSARY FOR THE REMOVAL OF UNDERGROUND PIPELINES, UTILITIES AND ELECTRICAL LINES WITHIN THE PROJECT DEMOLITION BOUNDARY LINES TO ELEVATION 934.55. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO DISCONNECT ELECTRICAL LINES, ISOLATE AND REMOVE FROM SERVICE ALL PIPELINES AND DISCONNECT ALL UTILITY LINES, WHETHER THOSE ELECTRICAL LINES, PIPELINES AND UTILITY LINES WERE KNOWN OR UNKNOWN PRIOR TO THE COMMENCEMENT OF DEMOLITION ACTIVITIES. ALL GRAVITY PIPELINES SHALL BE FLUGGED AT THE UPSTREAM OR DOWNSTREAM TERMINATION POINT OF THE PIPELINE AT THE PROJECT DEMOLITION LINE TO ENSURE THE CONTENTS OF THE PIPELINE DO NOT FLOW INTO THE DEMOLITION AREA. ALL PRESSURE PIPELINES SHALL BE REMOVED AND CAPPED AT THE PROJECT DEMOLITION LINE.

CLARIFIER NUMBER 2 IS TO BE DEMOLISHED AND REMOVED TO THE ELEVATION ILLUSTRATED ON SECTION E-E AND F-F ON THIS PLAN SHEET. ALL PCC WALLS, STAIRS, EFFLUENT CHANNELS, WEIR WALLS, EFFLUENT BOX WALLS, CONCRETE SUPPORT STRUCTURES AND ALL OTHER CONCRETE ITEMS ABOVE THIS ELEVATION ARE TO BE REMOVED AND DISPOSED OF. ALL PIPELINES, ELECTRICAL CONDUITS AND CONDUCTORS, AND OTHER UNDERGROUND MECHANICAL OR ELECTRICAL FACILITIES WITHIN THE PROJECT DEMOLITION BOUNDARY LINES AS ILLUSTRATED ON THE PLANS ARE TO BE REMOVED AND DISPOSED OF TO ELEVATION 934.55. ALL MECHANICAL AND ELECTRICAL ITEMS WITHIN CLARIFIER NUMBER 2 INCLUDING BUT NOT LIMITED TO THE STEEL BRIDGE, HANDRAILS, STEEL SUPPORTS, CENTERWELL, VERTICAL SHAFT, GEAR REDUCTION ASSEMBLY, SKIMMER ARM, SCUM BOX, RAKER ARMS, WEIRS, Baffles, ELECTRICAL CONDUIT AND CONDUCTORS, ELECTRICAL JUNCTION BOXES, PANELS, DISCONNECT SWITCHES AND FLEX CONDUIT ARE TO BE REMOVED AND DISPOSED OF.

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING, SHEET PILING AND SIMILAR ITEMS TO SAFELY COMPLETE THE EXCAVATIONS PER CALIFORNIA REQUIREMENTS. WHERE SLOPED EXCAVATION IS NOT FEASIBLE DUE TO DEMOLITION BOUNDARY LINE CONSTRAINTS, THE CONTRACTOR SHALL EMPLOY VERTICAL OR NEAR VERTICAL EXCAVATION METHODS USING ENGINEERED SHORING OR SHIELDING SYSTEMS DESIGNED AND INSTALLED PER CALIFORNIA AND CALIFORNIA CODE OF REGULATION REQUIREMENTS. EXCAVATION WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH CALIFORNIA CODE OF REGULATIONS, TITLE 8, SECTION 1541.1 - REQUIREMENTS FOR PROTECTIVE SYSTEMS. EXCAVATIONS SHALL NOT EXTEND BEYOND THE DEMOLITION BOUNDARY LINE ILLUSTRATED ON THE PLANS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ADJACENT PIPELINES, CONDUITS, STRUCTURES AND PAVEMENT LOCATED BEYOND THE DEMOLITION BOUNDARY LINE.

AT THE CONCLUSION OF THE DEMOLITION OF CLARIFIER NUMBER 2 THE CLARIFIER SHALL BE FILLED WITH NATIVE EARTH IN 8 INCH LIFTS COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. THERE SHALL BE ONE GEOTECHNICAL COMPACTION TEST PERFORMED FOR EACH 16 INCHES OF NATIVE MATERIAL PLACED. SUCCESSIVE NATIVE EARTH LIFTS SHALL NOT BE INSTALLED UNTIL PREVIOUS LIFTS HAVE BEEN TESTED FOR COMPACTION DENSITY AND APPROVED BY THE CONSTRUCTION MANAGER. THE NATIVE EARTH SHALL BE PLACED TO THE CLARIFIER NUMBER 2 DEMOLITION ELEVATION OF 934.55. BACKFILLING AND GRADING ABOVE ELEVATION 934.55 SHALL BE ACCOMPLISHED AS ILLUSTRATED ON GRADING PLAN SHEET 30.

NOTE:
ALL PIPELINES OUTSIDE OF CLARIFIER NUMBER 2 ABOVE ELEVATION 934.55 SHALL BE REMOVED AND DISPOSED OF.



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				FBC	BM NO 1: EL 940.33'
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PREPARED UNDER THE DIRECT SUPERVISION OF:

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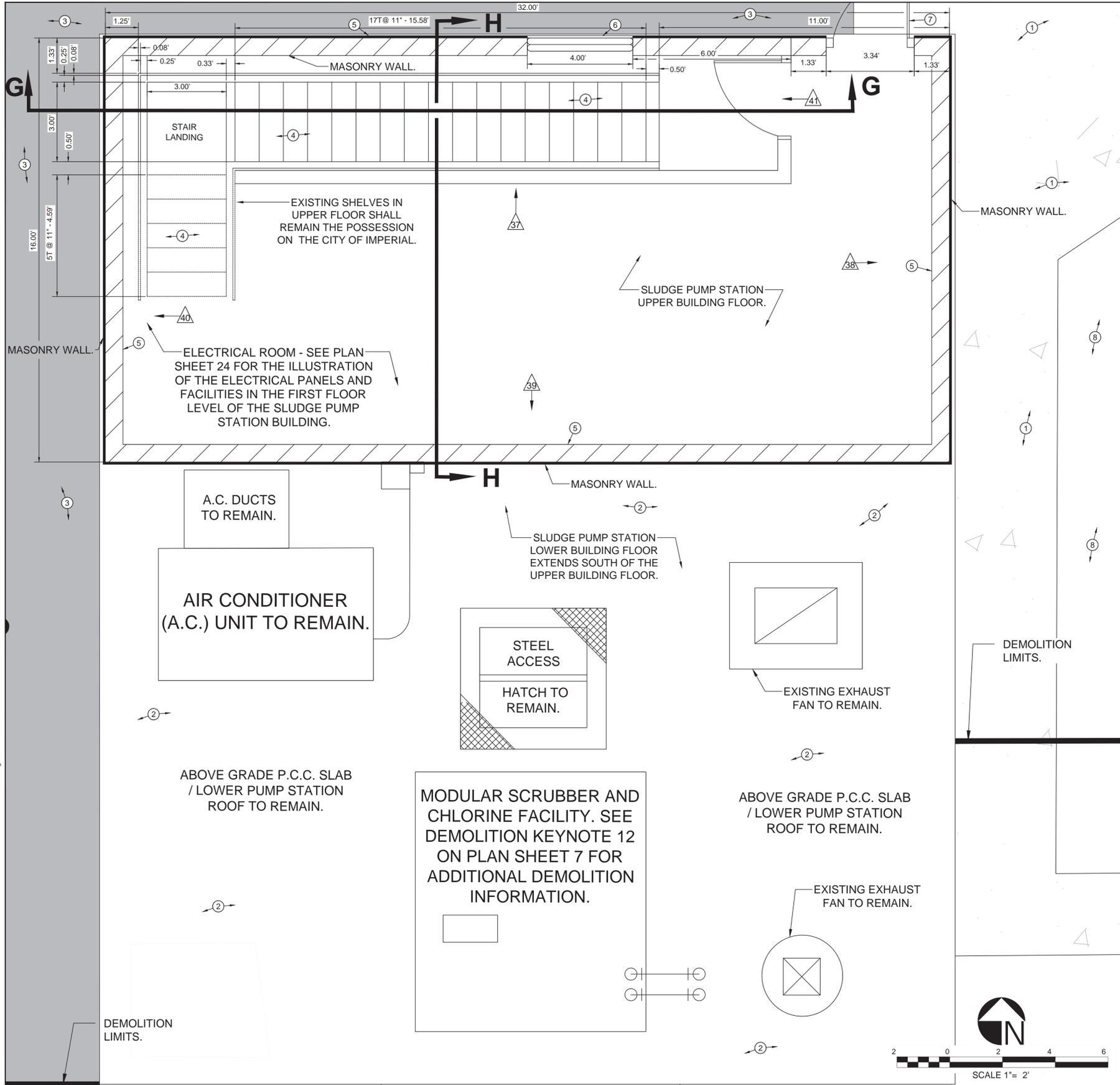
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R.C.E. NO.
12/31/26
REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: CLARIFIER NUMBER 2 PLAN AND SECTIONS

SHEET 5
OF 30 SHEETS
JOB NO. 173.138

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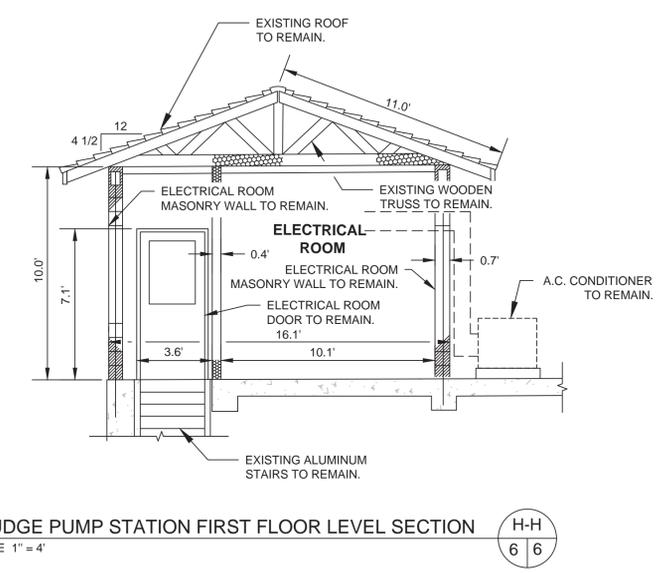
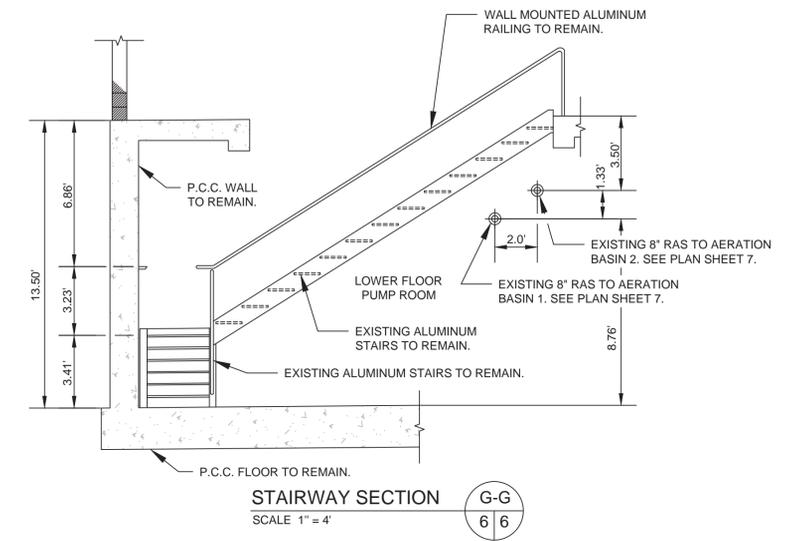
EXISTING KEYNOTES

- ① EXISTING P.C.C. SIDEWALK TO REMAIN.
- ② EXISTING SLUDGE PUMP STATION LOWER FLOOR EXTENDS SOUTH OF THE UPPER FLOOR.
- ③ EXISTING A.C. PAVEMENT TO REMAIN.
- ④ EXISTING METAL STAIRS TO REMAIN.
- ⑤ EXISTING SLUDGE PUMP STATION UPPER FLOOR MASONRY WALL TO REMAIN.
- ⑥ EXISTING SLUDGE PUMP STATION UPPER FLOOR WINDOW TO REMAIN.
- ⑦ EXISTING SLUDGE PUMP STATION UPPER FLOOR DOOR TO REMAIN.
- ⑧ EXISTING NATIVE EARTH.

CIVIL PICTURE LIST

- ▲ PHOTO OF THE NORTH WALL OF EXISTING SLUDGE PUMP STATION UPPER FLOOR. SEE PLAN SHEET 15.
- ▲ PHOTO OF THE EAST WALL OF EXISTING SLUDGE PUMP STATION UPPER FLOOR. SEE PLAN SHEET 15.
- ▲ PHOTO OF THE SOUTH WALL OF EXISTING SLUDGE PUMP STATION UPPER FLOOR. SEE PLAN SHEET 15.
- ▲ PHOTO OF THE WEST WALL OF EXISTING SLUDGE PUMP STATION UPPER FLOOR. SEE PLAN SHEET 15.
- ▲ PHOTO OF THE STAIRS OF EXISTING SLUDGE PUMP STATION UPPER FLOOR. SEE PLAN SHEET 15.

NOTE: FOR ADDITIONAL REFERENCE, SEE SHEET A-2, H-3, AND S-5 OF 1995 AS-BUILT PLANS ILLUSTRATING SLUDGE PUMP STATION UPPER FLOOR



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NO.	REVISIONS:	APPROVED	DATE	DESIGNED BY:	BENCHMARK:
				FBC	BM NO 1: EL 940.33'
				FBC	BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.
				JGH	

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PREPARED UNDER THE DIRECT SUPERVISION OF:

JAMES G. "JACK" HOLT

10/24/2025 DATE

31773 R.C.E. NO.

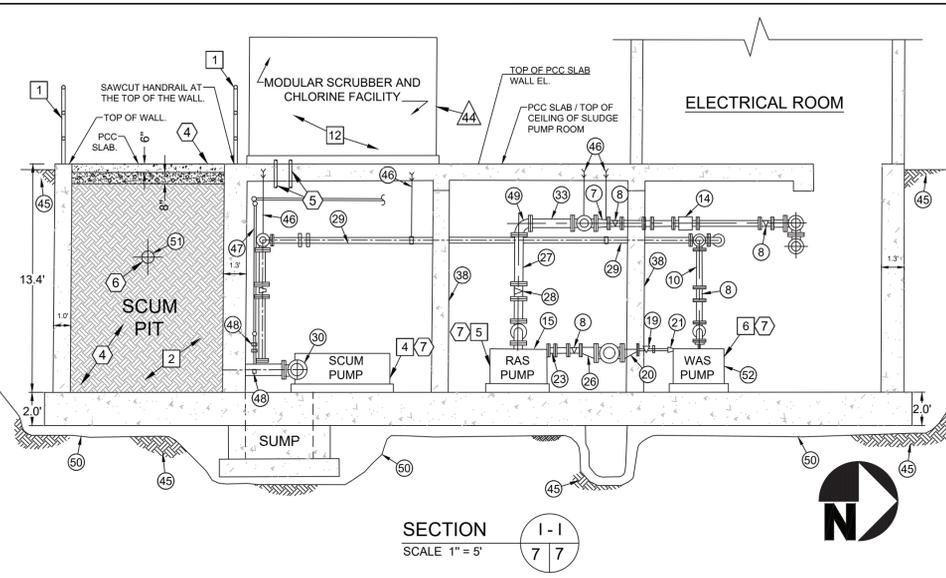
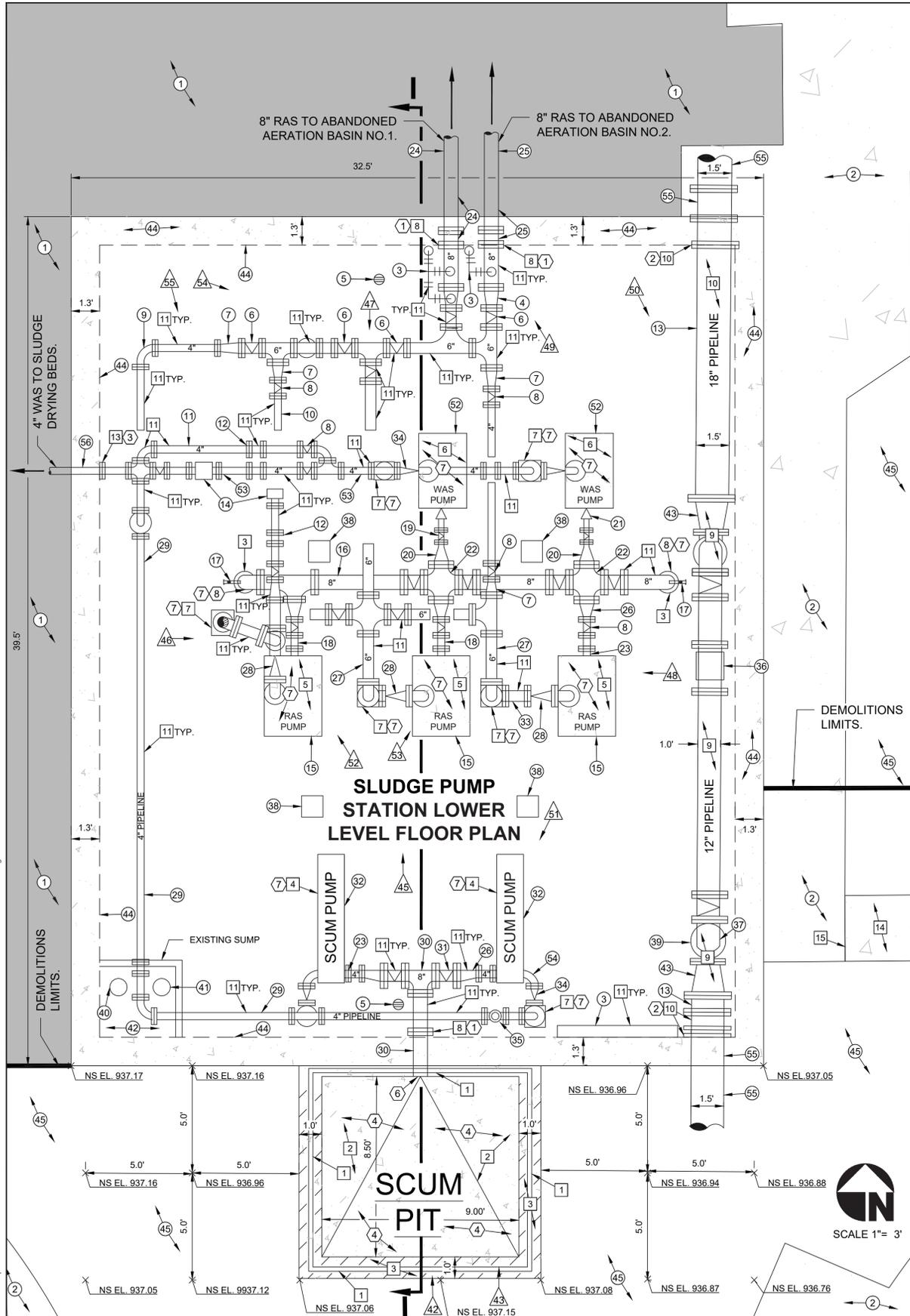
12/31/26 REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: SLUDGE PUMP STATION UPPER FLOOR BUILDING PLAN

SHEET 6 OF 30 SHEETS

JOB NO. 173.138



PICTURE LIST

- 42. PHOTO OF THE ROOF/PCC SLAB OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 43. PHOTO OF THE SCUM PIT OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 44. PHOTO OF THE MODULAR SCRUBBER AND CHLORINE FACILITY. SEE PLAN SHEET 16.
- 45. PHOTO OF THE NORTH WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 46. PHOTO OF THE EAST WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 47. PHOTO OF THE SOUTH WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 48. PHOTO OF THE WEST WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 49. PHOTO OF THE TWO 8-INCH PIPELINES AND ON THE NORTH WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 50. PHOTO OF THE 18-INCH AND 12-INCH PIPELINES ON THE EAST WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 16.
- 51. PHOTO OF THE SCUM PUMPS ON THE SOUTH WALL OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 17.
- 52. PHOTO OF THE OVERHEAD PIPELINES ON THE WEST SIDE OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 17.
- 53. PHOTO OF THE OVERHEAD PIPELINES ON THE EAST SIDE OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 17.
- 54. PHOTO OF THE OVERHEAD PIPELINES ON THE NORTHEAST SIDE OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 17.
- 55. PHOTO OF THE OVERHEAD PIPELINES ON THE NORTHWEST SIDE OF EXISTING SLUDGE PUMP STATION LOWER FLOOR. SEE PLAN SHEET 17.

EXISTING KEYNOTES

- 1. EXISTING A.C. PAVEMENT TO REMAIN.
- 2. EXISTING P.C.C. SIDEWALK TO REMAIN.
- 3. EXISTING 1" CHLORINE FEED PIPELINES (TYP.).
- 4. EXISTING 6" X 8" REDUCER (TYP.).
- 5. EXISTING 4" FLOOR CLEAN OUT TO REMAIN.
- 6. EXISTING 6" PLUG VALVE.
- 7. EXISTING 4" X 6" REDUCER (TYP.).
- 8. EXISTING 4" PLUG VALVE (TYP.).
- 9. EXISTING 4" 90 DEGREE ELBOW.
- 10. EXISTING 4" RAS DISCHARGE PIPELINE (TYP.).
- 11. EXISTING 4" BYPASS PIPELINE.
- 12. EXISTING 4" MECHANICAL COUPLING.
- 13. EXISTING 18" SECONDARY EFFLUENT PIPELINE.
- 14. EXISTING 4" MAG METER.
- 15. EXISTING RAS PUMP MOUNTED ON A PCC PEDESTAL.
- 16. EXISTING 8" PUMP SUCTION PIPELINE.
- 17. EXISTING SAMPLING VALVE.
- 18. EXISTING RAS PUMP SUCTION PIPELINE (TYP.).
- 19. EXISTING 8" PLUG VALVE (TYP.).
- 20. EXISTING 8" X 3" ECC REDUCER (TYP.).
- 21. EXISTING 3" FCA.
- 22. EXISTING 8" CROSS (TYP.).
- 23. EXISTING 4" FCA (TYP.).
- 24. EXISTING 8" RAS PIPELINE TO ABANDONED AERATION BASIN NO.1 TO REMAIN.
- 25. EXISTING 8" RAS PIPELINE TO ABANDONED AERATION BASIN NO.2 TO REMAIN.
- 26. EXISTING 4" X 8" REDUCER (TYP.).
- 27. EXISTING 6" RAS DISCHARGE PIPELINE (TYP.).
- 28. EXISTING 4" SCUM DISCHARGE PIPELINE.
- 29. EXISTING 8" SCUM SUCTION PIPELINE.
- 30. EXISTING 8" PLUG VALVE (TYP.).
- 31. EXISTING SCUM PUMP NO. 1.
- 32. EXISTING SCUM PUMP NO. 2.
- 33. EXISTING 6" SPOOL.
- 34. EXISTING 4" CHECK VALVE (TYP.).
- 35. EXISTING 3" SURGE RELIEF VALVE.
- 36. EXISTING 12" MAG METER.
- 37. EXISTING 12" METER BYPASS AND PLUG VALVE.
- 38. EXISTING 12" SQUARE STRUCTURAL SUPPORT COLUMN TO REMAIN.
- 39. EXISTING 12" X 12" TEE.
- 40. EXISTING SUMP PUMP NO. 1.
- 41. EXISTING SUMP PUMP NO. 2.
- 42. EXISTING SUMP.
- 43. EXISTING 18" X 12" REDUCER (TYP.).
- 44. EXISTING 15" WIDE PCC WALL TO REMAIN.
- 45. EXISTING NATIVE EARTH.
- 46. EXISTING PIPE SUPPORTS TYPICAL.
- 47. EXISTING 2" SUMP DISCHARGE.
- 48. EXISTING 2" CHECK VALVE.
- 49. EXISTING 6" 90 DEGREE ELBOW.
- 50. EXISTING 6" COMPACTED GRANULAR FILL PER ARCHIVE PLANS.
- 51. EXISTING 8" SLUDGE PIPELINE ENTERING CLARIFIER NO. 1.
- 52. EXISTING WAS PUMP MOUNTED ON PCC PEDESTAL.
- 53. EXISTING 4" WAS PIPELINE.
- 54. EXISTING 4" 90 DEGREE ELBOW.
- 55. EXISTING 18 INCH EFFLUENT PIPELINE TO REMAIN.
- 56. EXISTING 4 INCH WAS PIPELINE TO REMAIN.

DEMOLITION KEYNOTES

- 1. REMOVE AND DISPOSE OF EXISTING ALUMINUM HANDRAIL AROUND THE PERIMETER OF THE SCUM PIT UPPER WALL. SAWCUT THE ALUMINUM HANDRAIL WITH THE EXISTING TOP NORTH SCUM PIT WALL. INSTALL NON-SHRINK GROUT IN THE OPEN ALUMINUM POSTS BELOW THE LEVEL OF THE SCUM BOX TOP OF WALL WITH NON-SHRINK GROUT LEVEL WITH THE TOP OF THE WALL.
- 2. REMOVE MECHANICAL EQUIPMENT, PIPING EXTRUDING INTO THE SCUM PIT FROM THE INTERIOR WALL SURFACES, PUMP FLOATS AND ELECTRICAL CIRCUITRY AND ANY OTHER MISCELLANEOUS ITEMS.
- 3. SAWCUT EXISTING PIPELINE EXTENDING THROUGH THE FLOOR SLAB AT THE TOP OF FLOOR LEVEL. REMOVE EXISTING PIPING.
- 4. REMOVE AND DISPOSE OF THE EXISTING SCUM PUMP AND ALL SCUM PUMP RELATED ITEMS. THE SCUM PUMP CONCRETE PEDESTAL BASE SHALL BE REMOVED AND DISPOSED OF. THE EXISTING CONCRETE PUMP PEDESTAL BASE SHALL BE REMOVED WITHOUT DAMAGING THE CONCRETE FLOOR BENEATH THE PEDESTAL BASE. CUT AND REMOVE ANY SECUREMENT EXPANSION BOLTS OR STEEL DOWEL PEDESTAL REINFORCEMENT LEVEL WITH THE PCC FLOOR. RESTORE THE CONCRETE SURFACE UNDER THE CONCRETE PEDESTAL PER CONSTRUCTION KEYNOTE 7.
- 5. REMOVE AND DISPOSE OF THE EXISTING RETURN ACTIVATED SLUDGE (RAS) PUMP AND ALL RAS PUMP RELATED ITEMS. THE RAS PUMP CONCRETE PEDESTAL BASE SHALL BE REMOVED AND DISPOSED OF. THE EXISTING CONCRETE PUMP PEDESTAL BASE SHALL BE REMOVED WITHOUT DAMAGING THE CONCRETE FLOOR BENEATH THE PEDESTAL BASE. CUT AND REMOVE ANY SECUREMENT EXPANSION BOLTS OR STEEL DOWEL PEDESTAL REINFORCEMENT LEVEL WITH THE PCC FLOOR. RESTORE THE CONCRETE SURFACE UNDER THE CONCRETE PEDESTAL PER CONSTRUCTION KEYNOTE 7.
- 6. REMOVE AND DISPOSE OF THE EXISTING WASTE ACTIVATED SLUDGE (WAS) PUMP AND ALL WAS PUMP RELATED ITEMS. THE WAS PUMP CONCRETE PEDESTAL BASE SHALL BE REMOVED AND DISPOSED OF. THE EXISTING CONCRETE PUMP PEDESTAL BASE SHALL BE REMOVED WITHOUT DAMAGING THE CONCRETE FLOOR BENEATH THE PEDESTAL BASE. CUT AND REMOVE ANY SECUREMENT EXPANSION BOLTS OR STEEL DOWEL PEDESTAL REINFORCEMENT LEVEL WITH THE PCC FLOOR. RESTORE THE CONCRETE SURFACE UNDER THE CONCRETE PEDESTAL PER CONSTRUCTION KEYNOTE 7.
- 7. REMOVE AND DISPOSE OF THE EXISTING SQUARE CONCRETE PIPING SUPPORT PIER TO THE CONCRETE FLOOR. THE CONCRETE PIPING SUPPORT PIER SHALL BE REMOVED WITHOUT DAMAGING THE CONCRETE FLOOR BENEATH THE SUPPORT PIER. CUT AND REMOVE ANY SECUREMENT EXPANSION BOLTS OR STEEL DOWEL PEDESTAL REINFORCEMENT LEVEL WITH THE PCC FLOOR. RESTORE THE CONCRETE FLOOR SURFACE UNDER THE CONCRETE SUPPORT PIER PER CONSTRUCTION KEYNOTE 7.
- 8. REMOVE AND DISPOSE OF THE EXISTING 8 INCH PIPELINE. INSTALL AN 8 INCH BLIND FLANGE OVER THE END OF THE EXISTING 8 INCH PIPELINE TO REMAIN PER CONSTRUCTION KEYNOTE 1.
- 9. REMOVE AND DISPOSE OF THE EXISTING 12 INCH PIPELINE. FITTINGS, VALVES, REDUCERS, SUPPORTS AND ALL OTHER ITEMS ASSOCIATED WITH THE 12 INCH PIPELINE.
- 10. REMOVE AND DISPOSE OF THE EXISTING 18 INCH DIAMETER PIPELINE TO THE FLANGE OF THE EXISTING 18 INCH DIAMETER PIPELINE ENTERING OR EXITING THE SLUDGE PUMP STATION LOWER LEVEL. SEE CONSTRUCTION KEYNOTE 2 REGARDING THE INSTALLATION OF THE 18 INCH DUCTILE IRON BLIND FLANGES.
- 11. REMOVE ALL PIPING, FITTINGS, VALVES, REDUCERS, PIPELINE HANGAR SUPPORTS AND ALL OTHER ITEMS ASSOCIATED WITH THE EXISTING PIPING IN THE SLUDGE PUMP STATION LOWER LEVEL.
- 12. REMOVE AND DISPOSE OF THE EXISTING MODULAR SCRUBBER AND CHLORINE FACILITY MANUFACTURED BUILDING AND ALL RELATED COMPONENTS WITHIN THE MANUFACTURED BUILDING.
- 13. REMOVE AND DISPOSE OF EXISTING 4 INCH PIPELINE. INSTALL A 4 INCH BLIND FLANGE OVER THE END OF THE EXISTING 4 INCH PIPELINE TO REMAIN PER CONSTRUCTION KEYNOTE 3.
- 14. REMOVE AND DISPOSE OF EXISTING PCC SIDEWALK. SEE PLAN SHEET 5.
- 15. SAWCUT EXISTING PCC SIDEWALK FOR THE FULL DEPTH OF THE SIDEWALK.

CONSTRUCTION KEYNOTES

- 1. INSTALL 8 INCH DUCTILE IRON BLIND FLANGE WITH DUCTILE IRON HARDWARE AFTER REMOVAL OF EXISTING PIPING.
- 2. INSTALL 18 INCH DUCTILE IRON BLIND FLANGE WITH DUCTILE IRON HARDWARE AT THE COMMENCEMENT OF THE EXISTING 18 INCH PIPELINE REMOVAL. THE EXISTING 18 INCH PIPELINE EXITING THE SLUDGE PUMP STATION BUILDING LOWER LEVEL SHALL BE OBTAINED EVERY 16 INCHES. THE DISCHARGE CHANNEL AND WASTE BACK FLOW EFFLUENT WASTEWATER INTO THE SLUDGE PUMP STATION LOWER ROOM UPON THE REMOVAL OF THE EXISTING 18 INCH PIPELINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION WITH THE CITY OF IMPERIAL CHIEF WASTEWATER OPERATOR TO LOWER THE WASTEWATER EFFLUENT LEVEL IN THE DISCHARGE CHANNEL TO PREVENT THE EFFLUENT WASTEWATER FROM "BACK FLOWING" INTO THE SLUDGE PUMP STATION LOWER ROOM. THE EXISTING 18 INCH PIPELINE SHALL CONTAIN EFFLUENT WASTEWATER WITHIN THE PIPELINE AFTER THE EFFLUENT LEVEL IN THE DISCHARGE CHANNEL IS LOWERED. THE CONTRACTOR SHALL PUMP AND DISCHARGE ANY EFFLUENT BACKFLOW AND A SUMP PUMP AND DISCHARGE HOSES TO DIRECT ANY EFFLUENT WASTEWATER ENTERING THE LOWER LEVEL OF THE SLUDGE PUMP STATION TO THE ULTRAVIOLET DISINFECTION FACILITY. THE 18 INCH DUCTILE IRON BLIND FLANGE IS TO BE INSTALLED IMMEDIATELY AFTER ANY WASTEWATER EFFLUENT WITHIN THE PIPELINE HAS BEEN DRAINED FROM THE PIPELINE. THE CONTRACTOR SHALL "MOP UP" AND REMOVE ANY WASTEWATER EFFLUENT FROM THE SLUDGE PUMP STATION BUILDING LOWER FLOOR LEVEL AFTER THE 18 INCH DUCTILE IRON BLIND FLANGE IS INSTALLED.
- 3. INSTALL 4 INCH DUCTILE IRON BLIND FLANGE WITH DUCTILE IRON HARDWARE AFTER REMOVAL OF EXISTING PIPING.
- 4. AFTER DEMOLITION ACTIVITIES ARE COMPLETED, INSTALL NATIVE EARTH IN THE SCUM PIT IN 8 INCH LIFTS TO A POINT 14 INCHES BELOW THE TOP OF THE SCUM PIT WALL. COMPACT THE NATIVE EARTH TO 90 PERCENT OF MAXIMUM DENSITY PER ASTM D1557. A COMPACTION TEST SHALL BE OBTAINED EVERY 16 INCHES. ADDITIONAL LIFTS SHALL NOT BE PLACED UNTIL PREVIOUS LIFTS HAVE ATTAINED THE SPECIFIED COMPACTION DENSITY. INSTALL A 2 INCH THICK CONCRETE OVER 3 INCHES OF CLASS AT THE TOP OF THE SCUM PIT. THE TOP OF THE PCC SLAB SHALL BE PLACED LEVEL WITH THE TOP OF THE SCUM PIT WALL. COMPACT THE CLASS 2 BASE TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D1557. A TOTAL OF ONE (1) COMPACTION TEST SHALL BE OBTAINED FOR THE CLASS 2 BASE PRIOR TO THE PLACEMENT OF THE CONCRETE SLAB. THE CONCRETE SHALL CONTAIN 7 SACKS OF CEMENT AND ATTAIN 5,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS DURING THE CURE PER ARCHIVE PLANS. SHALL BE DOUBLE TROWELED FOLLOWED BY A LIGHT BROOM FINISH.
- 5. AFTER THE MODULAR SCRUBBER AND CHLORINE FACILITY IS REMOVED AND DISPOSED OF THE CONTRACTOR SHALL SEAL ALL OPENINGS IN THE SLUDGE PUMP STATION CONCRETE CEILING AND WALLS FROM CHLORINE RELATED PIPING, SLEEVES, SECUREMENT AND ANY OTHER ITEMS. A NON-SHRINK GROUT IS TO BE PLACED IN THE FULL OPENING VOID AND SMOOTHED LEVEL WITH THE CONCRETE SLAB AND CEILING SURFACES.
- 6. PRIOR TO THE INSTALLATION OF NATIVE BACKFILL MATERIAL IN THE SCUM PIT THE CONTRACTOR SHALL FILL ALL OPENINGS IN THE CONCRETE WALL SURFACES WITH A NON-SHRINK GROUT. THE NON-SHRINK GROUT SHALL BE PLACED IN THE FULL OPENING VOID AND SMOOTHED LEVEL WITH THE INTERIOR AND EXTERIOR WALL SURFACES.
- 7. AFTER THE REMOVAL OF THE CONCRETE PUMP PEDESTALS, CONCRETE PIPE SUPPORT PIERS, AND REMOVAL OF PIPELINES EXTENDING THROUGH THE CONCRETE FLOOR PER DEMOLITION KEYNOTES 3, 5, 6 AND 7 THE EXPOSED SURFACE OF THE UNDERLYING CONCRETE PUMP STATION FLOOR SHALL BE RESTORED TO PROVIDE A SMOOTH UNIFORM FINISH CONSISTENT WITH THE SURROUNDING CONCRETE SURFACE. THE CONCRETE FLOOR UNDERLYING THE REMOVED CONCRETE PUMP PEDESTALS, PIERS AND PIPELINE PETRUSIONS SHALL BE RESTORED AS FOLLOWS:
 - 7.1 SURFACE PREPARATION - GRIND THE EXPOSED FLOOR SURFACE USING A DIAMOND GRINDER TO REMOVE HIGH POINTS, LANTANCE, AND SURFACE IRREGULARITIES. GRINDING SHALL ACHIEVE AN ICR1 CSP 2-3 PROFILE.
 - 7.2 CLEANING - AFTER GRINDING, CLEAN THE SUBSTRATE THOROUGHLY TO REMOVE DUST, DEBRIS, AND CONTAMINANTS. SURFACE SHALL BE STRUCTURALLY SOUND AND IN A SATURATED SURFACE DRY (SSD) CONDITION PRIOR TO REPAIR MORTAR APPLICATION.
 - 7.3 CEMENTITIOUS SURFACE REPAIR - APPLY A POLYMER-MODIFIED, CEMENTITIOUS REPAIR MORTAR (e.g. SIKKADOCK SMOOTH FINISH MATERIAL OR AN APPROVED EQUAL) TO FILL THE VOIDS AND ACHIEVE A CONTINUOUS, FEATHERED SURFACE PROFILE THAT BLENDS WITH ADJACENT CONCRETE. INSTALLATION SHALL FOLLOW MANUFACTURER'S INSTRUCTIONS, INCLUDING CURING PRACTICES.
 - 7.4 CURING AND PROTECTION - MAINTAIN CURING CONDITIONS AS SPECIFIED BY THE MORTAR MANUFACTURER. PROTECT RESTORED AREAS FROM PREMATURE DRYING, CONTAMINATION, OR TRAFFIC UNTIL FULLY CURED.
- 8. AFTER THE DEMOLITION OF THE PIPELINE AND BEFORE THE CONCRETE RESTORATION PER CONSTRUCTION KEYNOTE 7, CONTRACTOR SHALL FILL OPENINGS IN THE CONCRETE FLOOR SURFACES WITH A NON-SHRINK GROUT. THE NON-SHRINK GROUT SHALL BE PLACED IN THE FULL OPENING VOID LEVEL WITH THE FLOOR SURFACE.

NOTES:

- 1. FOR ADDITIONAL REFERENCE, SEE SHEET M-4 OF 1995 AS-BUILT PLAN ILLUSTRATING SLUDGE PUMP STATION LOWER FLOOR BUILDING PLAN.
- 2. ALL PIPING, FITTINGS AND VALVES IN THE SLUDGE PUMP STATION LOWER LEVEL ARE COMPOSED OF DUCTILE IRON OR CAST IRON.

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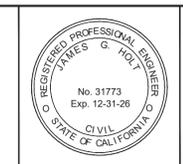
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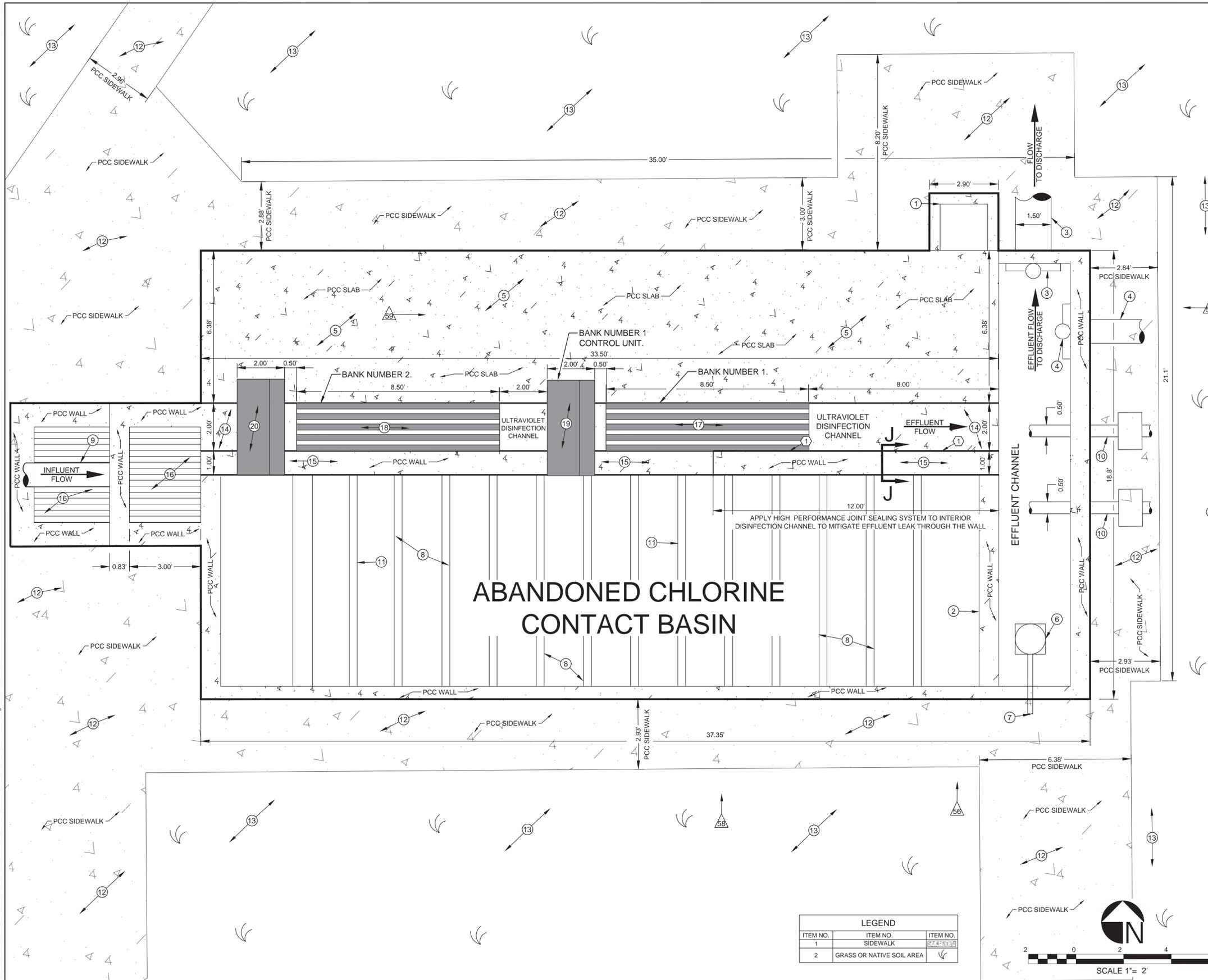
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DESIGNED BY: FBC	BENCHMARK: BM NO 1: EL 940.33'
DRAWN BY: FBC	BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.
CHECKED BY: JGH	



PREPARED UNDER THE DIRECT SUPERVISION OF: JAMES G. "JACK" HOLT	31773 R.C.E. NO.
10/24/2025 DATE	12/31/26 REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT	SHEET 7
SHEET CONTENT: SLUDGE PUMP STATION LOWER FLOOR BUILDING PLAN	OF 30 SHEETS JOB NO. 173.138

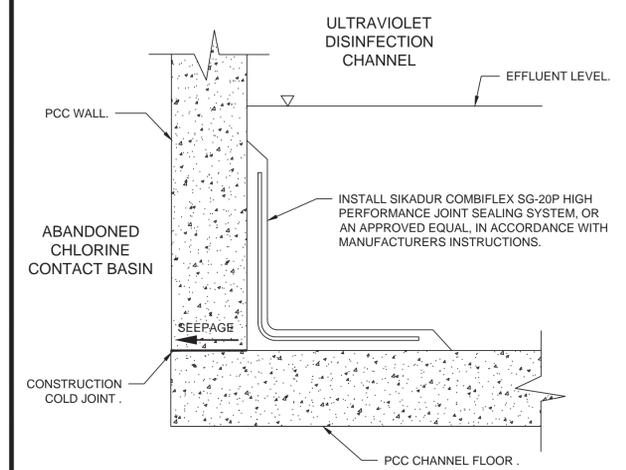


- EXISTING KEYNOTES**
- 1 EXISTING EFFLUENT SAMPLER AND PIPING.
 - 2 EXISTING TOP 8-INCH OF WALL SCUM BAFFLE AND WEIR PL.
 - 3 EXISTING 18-INCH SLUICE GATE AND OUTFALL PIPELINE TO REMAIN.
 - 4 EXISTING 10-INCH PIPELINE.
 - 5 EXISTING CONCRETE SLAB.
 - 6 EXISTING PUMP.
 - 7 EXISTING 2.5-INCH PIPING.
 - 8 EXISTING ABANDONED CHLORINE CONTACT BASIN.
 - 9 EXISTING 12-INCH INFLUENT PIPE.
 - 10 EXISTING 6-INCH PIPELINE.
 - 11 EXISTING CONTROL BAFFLES.
 - 12 EXISTING P.C.C. SIDEWALK TO REMAIN.
 - 13 EXISTING NATIVE MATERIAL.
 - 14 EXISTING CONCRETE CHANNEL.
 - 15 EXISTING CONCRETE WALL BETWEEN THE ULTRAVIOLET DISINFECTION CHANNEL AND ABANDONED CHLORINE CONTACT BASIN.
 - 16 EXISTING STEEL ACCESS GRATES.
 - 17 EXISTING ULTRAVIOLET DISINFECTION BANK NUMBER 1.
 - 18 EXISTING ULTRAVIOLET DISINFECTION BANK NUMBER 2.
 - 19 EXISTING TRONAN ULTRAVIOLET 3000 PLUS CONTROL UNIT NUMBER 1.
 - 20 EXISTING TRONAN ULTRAVIOLET 3000 PLUS CONTROL UNIT NUMBER 2.

- CONSTRUCTION KEYNOTES**
- 1 INSTALL A SIKADUR COMBIFLEX SG-20P HIGH PERFORMANCE JOINT SEALING SYSTEM, OR AN APPROVED EQUAL, IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

- PICTURE LIST**
- 1 PHOTO OF THE CHANNEL ON THE EAST SIDE OF THE EXISTING ULTRAVIOLET DISINFECTION FACILITY, VIEWED FROM THE SOUTHEAST. SEE PLAN SHEET 18.
 - 2 PHOTOGRAPH OF THE CHANNEL ON THE EAST SIDE OF THE EXISTING ULTRAVIOLET DISINFECTION FACILITY, LOOKING FROM EAST TO WEST. SEE PLAN SHEET 18.
 - 3 PHOTO OF THE CHANNEL ON THE EAST SIDE OF THE EXISTING ULTRAVIOLET DISINFECTION FACILITY, VIEWED FROM THE SOUTH. SEE PLAN SHEET 18.
 - 4 PHOTO OF THE CHANNEL ON THE EAST SIDE OF THE EXISTING ULTRAVIOLET DISINFECTION FACILITY, VIEWED FROM WEST TO EAST. SEE PLAN SHEET 18.

- HIGH PERFORMANCE JOINT SEALING SYSTEM INSTALLATION SEQUENCE OF EVENTS**
- THE SEQUENCE OF EVENTS FOR THE INSTALLATION OF THE HIGH PERFORMANCE JOINT SEALING SYSTEM AT THE INTERSECTION OF THE ULTRAVIOLET DISINFECTION CHANNEL WALL AND BOTTOM IS AS FOLLOWS:
1. THE WASTEWATER TREATMENT PLANT OPERATORS WILL REMOVE BANK NUMBER 1 FROM THE ULTRAVIOLET DISINFECTION CHANNEL. BANK NUMBER 2 WILL REMAIN OPERATIONAL TO DISINFECT THE EFFLUENT WASTEWATER.
 2. THE WASTEWATER TREATMENT PLANT OPERATORS WILL BYPASS THE EFFLUENT WASTEWATER FLOW AROUND THE CHANNEL SECTION TO RECEIVE A HIGH PERFORMANCE JOINT SEALING SYSTEM AFTER BANK NUMBER 1 IS REMOVED.
 3. THE CONTRACTOR SHALL INSTALL THE HIGH PERFORMANCE JOINT SEALING MATERIAL WITHIN 12 HOURS AFTER WASTEWATER FLOW BY-PASSING COMMENCES.
 4. WASTEWATER EFFLUENT FLOW BYPASSING SHALL CONTINUE UNTIL THE HIGH PERFORMANCE JOINT SEALING SYSTEM IS FULLY CURED, IN CONFORMANCE WITH MANUFACTURERS INSTRUCTIONS, AND CAN BE IMMERSED IN EFFLUENT WASTEWATER.

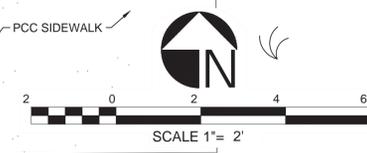


HIGH PERFORMANCE JOINT SEALING - SECTION J-J
NTS

NOTE: FOR ADDITIONAL REFERENCE, SEE SHEET D-4 OF 1995 AS-BUILT PLANS ILLUSTRATING ULTRAVIOLET DISINFECTION FACILITY.

LEGEND

ITEM NO.	ITEM NO.	ITEM NO.
1	SIDEWALK	RZ #733-30
2	GRASS OR NATIVE SOIL AREA	



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ENGINEERING PLANNING SURVEYING

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(760) 337-3883

BLYTHE OFFICE
201 E. Hobsonway
Blythe, CA 92225
(760) 922-4658

NO.	REVISIONS:	APPROVED	DATE	DESIGNED BY:	BENCHMARK:
				FBC	BM NO 1: EL 940.33'
				FBC	BENCHMARK NUMBER 1 IS LOCATED AT THE TOP OF THE EXISTING PCC WALL AT THE SOUTHEAST CORNER OF THE AERATION BASINS. THE AERATION BASINS ARE SITUATED EAST OF THE NEWLY CONSTRUCTED MEMBRANE BUILDING. ELEVATIONS WERE OBTAINED FROM THE OCTOBER 2019 WEBB AS-BUILT PLANS.
				JGH	

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

DESIGNED BY: FBC
DRAWN BY: FBC
CHECKED BY: JGH

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
No. 31773
Exp. 12-31-26
CIVIL

PREPARED UNDER THE DIRECT SUPERVISION OF:
JAMES G. "JACK" HOLT
10/24/2025
DATE

31773
R.C.E. NO.
12/31/26
REG. EXP.

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: ULTRAVIOLET DISINFECTION FACILITY PLAN

SHEET 8
OF 30 SHEETS
JOB NO. 173.138

C:\Users\USER1\The Holt Group\173.138 - Documents\CAD\CAD 10-24-2025\173.138 - SHEET 8 - ULTRAVIOLET DISINFECTION FACILITY PLAN.dwg 10/29/2025 11:03



OPERATIONS BUILDING - PHOTO OF THE NORTH WALL OF EXISTING BREAK ROOM.



OPERATIONS BUILDING - PHOTO OF THE EAST WALL OF EXISTING BREAK ROOM.



OPERATIONS BUILDING - PHOTO OF THE SOUTH WALL OF EXISTING BREAK ROOM.



OPERATIONS BUILDING - PHOTO OF THE WEST WALL OF EXISTING BREAK ROOM.



OPERATIONS BUILDING - PHOTO OF THE NORTH WALL OF EXISTING ELECTRICAL ROOM.



OPERATIONS BUILDING - PHOTO OF THE EAST WALL OF EXISTING ELECTRICAL ROOM.



OPERATIONS BUILDING - PHOTO OF THE SOUTH WALL OF EXISTING ELECTRICAL ROOM.



OPERATIONS BUILDING - PHOTO OF THE WEST WALL OF EXISTING ELECTRICAL ROOM.



OPERATIONS BUILDING - PHOTO OF THE NORTH WALL OF EXISTING BATHROOM.

C:\Users\USER1\OneDrive\Documents\CAD\CAD 10-24-2025\173.138 - SHEET 10 - OPERATIONS BUILDING INTERIOR AND EXTERIOR WALL ELEVATIONS.dwg 10/29/2025 11:03

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CHECKED BY:	JGH

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[Signature]
JAMES G. "JACK" HOLT

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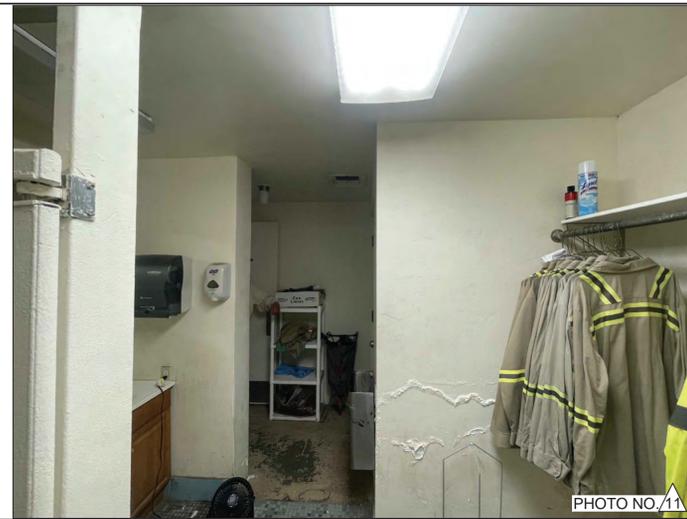
PROJECT TITLE: CITY OF IMPERIAL – WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: OPERATIONS BUILDING INTERIOR AND EXTERIOR WALL ELEVATIONS

SHEET
10
OF 30 SHEETS
JOB NO.
173.138



OPERATIONS BUILDING - PHOTO OF THE EAST WALL OF EXISTING BATHROOM.



OPERATIONS BUILDING - PHOTO OF THE SOUTH WALL OF EXISTING BATHROOM.



OPERATIONS BUILDING - PHOTO OF THE WEST WALL OF EXISTING BATHROOM.



OPERATIONS BUILDING - PHOTO OF THE WEST WALL OF EXISTING BATHROOM.



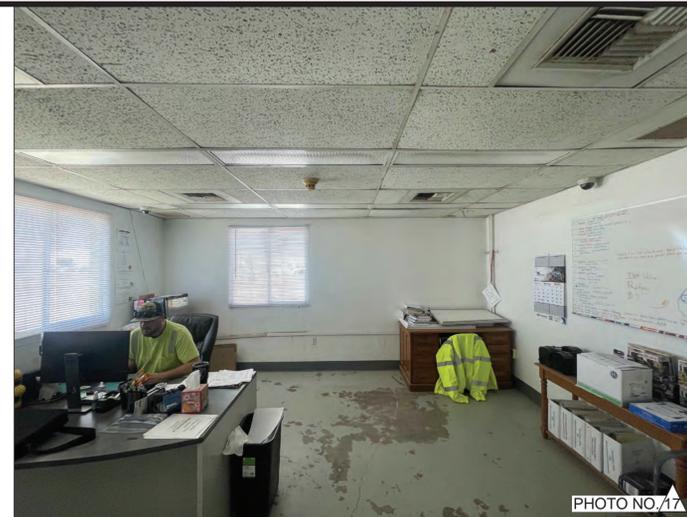
OPERATIONS BUILDING - PHOTO OF THE NORTH WALL OF EXISTING OFFICE.



OPERATIONS BUILDING - PHOTO OF THE EAST WALL OF EXISTING OFFICE.



OPERATIONS BUILDING - PHOTO OF THE SOUTH WALL OF EXISTING OFFICE.



OPERATIONS BUILDING - PHOTO OF THE WEST WALL OF EXISTING OFFICE.



OPERATIONS BUILDING - PHOTO OF THE NORTH WALL OF EXISTING LABORATORY ROOM.

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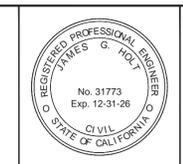
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CHECKED BY: JGH	



PREPARED UNDER THE DIRECT SUPERVISION OF: JAMES G. "JACK" HOLT 10/24/2025 DATE	31773 R.C.E. NO. 12/31/26 REG. EXP.
---	--

PROJECT TITLE: CITY OF IMPERIAL - WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: OPERATIONS BUILDING INTERIOR AND EXTERIOR WALL ELEVATIONS

SHEET 11
OF 30 SHEETS
JOB NO. 173.138



PHOTO NO. 19

OPERATIONS BUILDING - PHOTO OF THE EAST WALL OF EXISTING LABORATORY ROOM.



PHOTO NO. 20

OPERATIONS BUILDING - PHOTO OF THE SOUTH WALL OF EXISTING LABORATORY ROOM.



PHOTO NO. 21

OPERATIONS BUILDING - PHOTO OF THE WEST WALL OF EXISTING LABORATORY ROOM.



PHOTO NO. 22

OPERATIONS BUILDING - PHOTO OF THE NORTH SIDE VIEW OF OPERATION BUILDING.



PHOTO NO. 23

OPERATIONS BUILDING - PHOTO OF THE EAST SIDE VIEW OF OPERATION BUILDING.



PHOTO NO. 24

OPERATIONS BUILDING - PHOTO OF THE SOUTH SIDE VIEW OF OPERATION BUILDING.



PHOTO NO. 25

OPERATIONS BUILDING - PHOTO OF THE WEST SIDE VIEW OF OPERATION BUILDING.



PHOTO NO. 26

EAST OF OPERATIONS BUILDING - PHOTO OF THE EXISTING RETAINING WALL, SOUTH VIEW.

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SHEET CONTENT: OPERATIONS BUILDING INTERIOR AND EXTERIOR WALL ELEVATIONS

SHEET 12
OF 30 SHEETS
JOB NO. 173.138



PHOTO NO. 27

CLARIFIER NO. 1 - PHOTO OF THE NORTH SIDE VIEW OF CLARIFIER NUMBER 1.



PHOTO NO. 28

CLARIFIER NO. 1 - PHOTO OF THE EAST SIDE VIEW OF CLARIFIER NUMBER 1.



PHOTO NO. 29

CLARIFIER NO. 1 - PHOTO OF THE SOUTH SIDE VIEW OF CLARIFIER NUMBER 1.



PHOTO NO. 30

CLARIFIER NO. 1 - PHOTO OF THE WEST SIDE VIEW OF CLARIFIER NUMBER 1.



PHOTO NO. 31

CLARIFIER NO. 1 - PHOTO OF THE SOUTHWEST SIDE OF CLARIFIER NO. 1 - TOP VIEW

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PROJECT TITLE: CITY OF IMPERIAL – WASTEWATER TREATMENT PLANT DEMOLITION PROJECT

SHEET CONTENT: CLARIFIER NO. 1 SECTIONS AND DETAILS

SHEET
13

OF 30 SHEETS

JOB NO.
173.138



PHOTO NO. 32

CLARIFIER NO. 2 - PHOTO OF THE NORTH SIDE VIEW OF CLARIFIER NUMBER 2.



PHOTO NO. 33

CLARIFIER NO. 2 - PHOTO OF THE EAST SIDE VIEW OF CLARIFIER NUMBER 2.



PHOTO NO. 34

CLARIFIER NO. 2 - PHOTO OF THE SOUTH SIDE VIEW OF CLARIFIER NUMBER 2.



PHOTO NO. 35

CLARIFIER NO. 2 - PHOTO OF THE WEST SIDE VIEW OF CLARIFIER NUMBER 2.



PHOTO NO. 36

CLARIFIER NO. 2 - PHOTO OF THE SOUTHWEST SIDE OF CLARIFIER NO. 2 - TOP VIEW

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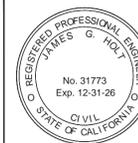
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SHEET CONTENT: CLARIFIER NO. 2 SECTIONS AND DETAILS

SHEET
14
OF 30 SHEETS
JOB NO.
173.138