GOLETA WEST SANITARY DISTRICT
HEADQUARTERS UPGRADES

PERIMETER FLOODWALL

100 ADAMS ROAD, UCSB CAMPUS LOT 32 SANTA BARBARA, CA 93106

SCOPE OF WORK
GOLETA WEST SANITARY DISTRICT, HEADQUARTERS UPGRADES ENCOMPASSES WORK AT ALL EXISTING FACILITIES ON SITE.

BUILDING PERMITS WILL BE OBTAINED, INDIVIDUALLY, FOR EACH STRUCTURE. IN LIEU OF PROTECTING EACH BUILDING, FROM FLOODING, INDIVIDUALLY, PROTECTION COMPLIANCE, FOR THE ENTIRE SITE, WILL BE PROVIDED BY A, FEM-A COMPLIANT, FLOOD BARRIER SYSTEM SURROUNDING THE SITE PERIMETER.

INDIVIDUAL BUILDING PERMIT DOCUMENTS WILL REFERENCE THIS PERMIT SET, FOR PROTECTION FROM FLOODING COMPLIANCE, AND ALLOW THEM TO BE PERMITTED AND COMMENCE CONSTRUCTION, INDEPENDENTLY.

BARRIER WILL CONSIST OF A COMBINATION OF A PERMANENT MASONRY WALL, TOPPED WITH VERTICAL STEEL ANGLES FOR SECURITY, AND A DEMOUNTABLE FLOOD BARRIER SYSTEM WHERE SITE ACCESS IS TYPICALLY REQUIRED.

FLOOD PLAIN DESIGN
SITE IS IN A DESIGNATED SPECIAL FLOOD HAZARD AREA.


IN COMPLIANT RESPONSE, THE TOP OF THE PERIMETER FLOOD WALL WILL BE NOMINALLY 3'-0" ABOVE ADJACENT GRADE WHICH WILL EXCEED (BE ABOVE) THE DFE. MASONRY COURSING AND THE DEMOUNTABLE FLOOD BARRIER SYSTEM WILL PLACE THE TOP OF WALL AT 3'-4" ABOVE ADJACENT GRADE OR 15.3333'

UTILITY DESIGN COMPLIANCE
ALL INDIVIDUAL BUILDINGS, ON SITE, ARE SERVED FROM UTILITIES PROTECTED FROM FLOODING WITH BACKFLOW REGULATORS.

SITE ELECTRICAL DISTRIBUTION ORGANIZATES FROM A SINGLE TRANSFORMER ON SITE WHICH ALSO PROTECTED FROM FLOODING. THE ENTIRE EXISTING SITE SURFACE Drains TO A WET WELL, WHICH PUMPS TO THE TREATMENT PLANT, PRECIPITATING THE NEED FOR (STORMWATER) SUMP PUMPS.

APPLICABLE CODES/BASIS OF DESIGN
ASCE 24- FLOOD RESISTANT DESIGN AND CONSTRUCTION
FEMA 102- FLOOD PROOFING NON-RESIDENTIAL STRUCTURES
FEMA, TECH. BULLETIN 3-93 NON-RESIDENTIAL FLOOD PROOFING
2018 CALIFORNIA BUILDING CODE, PART 2, VOL 2, CHAPTER 16
CITY OF SANTA BARBARA, MUNICIPAL CODE- 22.24, FLOODPLAIN MANAGEMENT ORDINANCE

COMPLIANCE CERTIFICATION
AS THE ARCHITECT OF, RECORD, I CERTIFY THAT THESE PLANS AND DESIGN COMPLY WITH THE REQUIREMENTS OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), FEMA TECHNICAL BULLETIN 3-93, AND THE CITY OF SANTA BARBARA MUNICIPAL CODE- 22.24, FLOODPLAIN MANAGEMENT ORDINANCE.
EROSION CONTROL NOTES

1. Erosion control measures shall be installed in accordance with the specifications and shall be maintained as required per the specifications.
2. The contractor shall provide all erosion control measures in accordance with the specifications.
3. The contractor shall be responsible for the installation and maintenance of erosion control measures.
4. The contractor shall be responsible for the removal of erosion control measures at the project site.
5. The contractor shall be responsible for the coordination of erosion control measures with all neighboring properties.
6. The contractor shall be responsible for the issuance of erosion control measures on a daily basis.

SEDIMENT CONTROL NOTES

1. Sediment control measures shall be installed in accordance with the specifications and shall be maintained as required per the specifications.
2. The contractor shall provide all sediment control measures in accordance with the specifications.
3. The contractor shall be responsible for the installation and maintenance of sediment control measures.
4. The contractor shall be responsible for the removal of sediment control measures at the project site.
5. The contractor shall be responsible for the coordination of sediment control measures with all neighboring properties.
6. The contractor shall be responsible for the issuance of sediment control measures on a daily basis.

CASQA BMP INDEX

1. Control of System Flow
2. Protection of Property
3. Control of Means of Erosion
4. Control of Means of Sediment
5. Control of Means of Damage
6. Control of Means of Pollution
7. Control of Means of Contamination
8. Control of Means of Noise
9. Control of Means of Air
10. Control of Means of Landfill

GOLETA WEST SANITARY DISTRICT
EQUIPMENT GARAGE OPERATIONS BUILDING CIVIL IMPROVEMENT PLANS

PHASE 1 EROSION CONTROL DETAILS
Goleta West Sanitary District
New Floodwall:
Project Area Photo Location Map
P1. Looking southwest from southern corner of District Headquarters site
P2. Looking east from west side of District Headquarters site
P3. Looking east from east side of District Headquarters site
1. Looking northeast toward District Headquarters site
2. Existing Administration Building, looking east
3. Existing Administration Building, looking northwest
4. Looking northeast from west side of District Headquarters site
5. Equipment Garage, looking east
6. Pump Station No. 2 Building, looking southeast (north and west elevations)
7. Pump Station No. 2 Building, looking southwest (east and north elevations)
8. Pump Station No. 2 Building & Equipment Garage, looking northeast (west and south elevations)
9. Garage/Shop, looking south