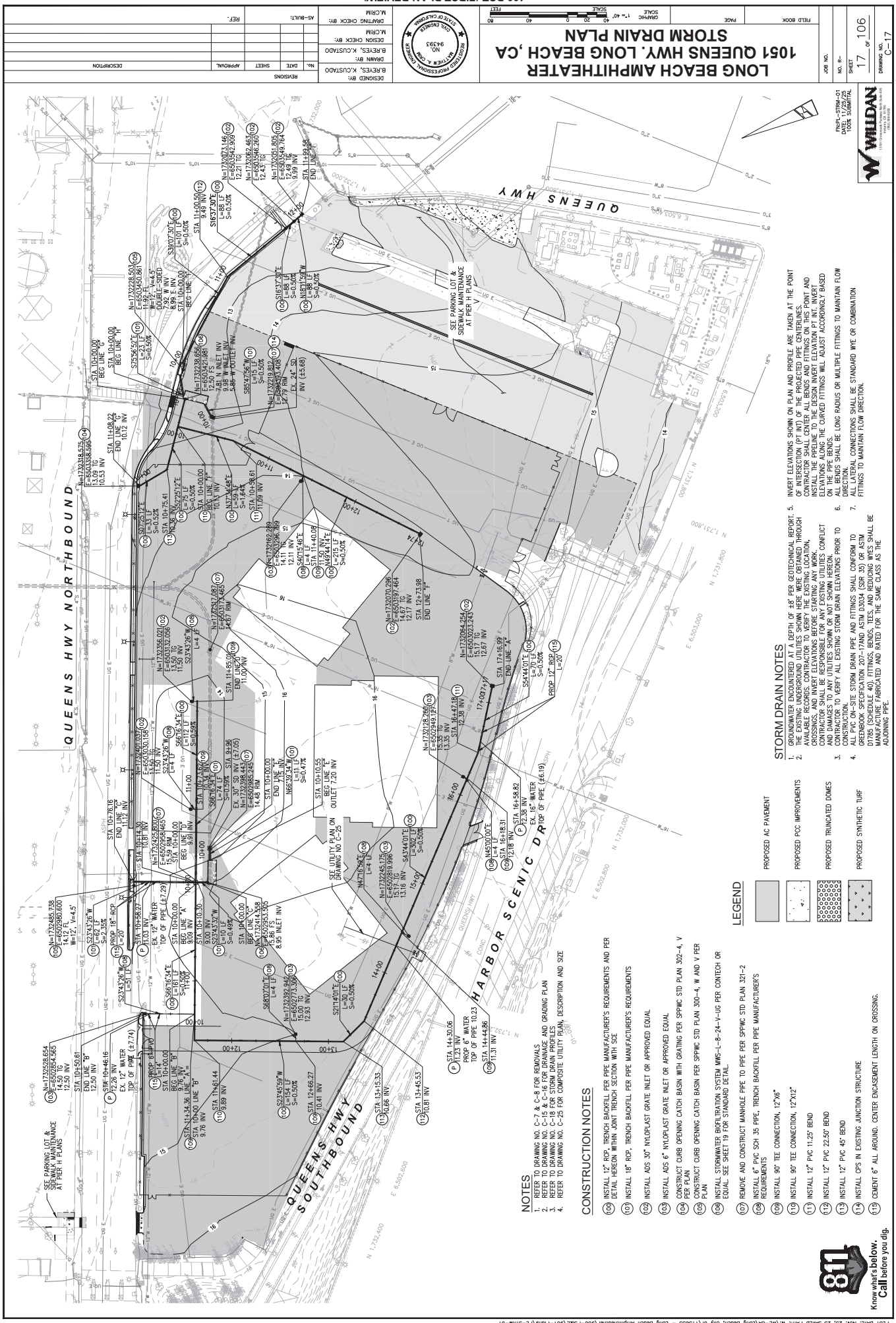




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CHECKED BY: [Name]  
APPROVED BY: [Name]  
DATE: 1/26/20

1. REFER TO DRAWING NO. C-17 & C-8 FOR REMOVALS  
2. REFER TO DRAWING NO. C-8 FOR STORM DRAIN PROFILES  
3. REFER TO DRAWING NO. C-25 FOR COMPOSITE UTILITY PLAN, DESCRIPTION AND SIZE

NOTES  
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3. REFER TO DRAWING NO. C-25 FOR COMPOSITE UTILITY PLAN, DESCRIPTION AND SIZE

CONSTRUCTION NOTES  
1. INSTALL 12" RCP, TRENCH BACKFILL PER PIPE MANUFACTURER'S REQUIREMENTS AND PER DETAIL HEREON WITHIN JOINT TRENCH SECTION WITH SEE  
2. INSTALL 18" RCP, TRENCH BACKFILL PER PIPE MANUFACTURER'S REQUIREMENTS  
3. INSTALL ADS 30" NYLOPLAST GRATE INLET OR APPROVED EQUAL  
4. INSTALL ADS 6" NYLOPLAST GRATE INLET OR APPROVED EQUAL  
5. CONSTRUCT CURB OPENING CATCH BASIN WITH GRATING PER SPWIC STD PLAN 302-4, V PER PLAN  
6. CONSTRUCT CURB OPENING CATCH BASIN PER SPWIC STD PLAN 300-4, W AND V PER PLAN  
7. INSTALL STORMWATER BIOFILTRATION SYSTEM MWS-L-8-24-V-UG PER CONTECH OR EQUAL SEE SHEET 19 FOR STANDARD DETAIL  
8. REMOVE AND CONSTRUCT MANHOLE PIPE TO PIPE PER SPWIC STD PLAN 301-2 REQUIREMENTS  
9. INSTALL 4" PVC SCH 40S PIPE, TRENCH BACKFILL PER PIPE MANUFACTURER'S REQUIREMENTS  
10. INSTALL 90° TEE CONNECTION, 12"x6"  
11. INSTALL 12" PVC 11.25' BEND  
12. INSTALL 12" PVC 22.50' BEND  
13. INSTALL 12" PVC 45° BEND  
14. INSTALL OPS IN EXISTING JUNCTION STRUCTURE  
15. CEMENT 6" ALL AROUND, CENTER ENCASUREMENT LENGTH ON CROSSING.

STORM DRAIN NOTES  
1. GROUNDWATER ENCOUNTERED AT A DEPTH OF 48" PER GEOTECHNICAL REPORT.  
2. THE EXISTING UNDERGROUND UTILITIES SHOWN HERE WERE OBTAINED THROUGH CROSSINGS AND INVERT ELEVATIONS BEFORE STARTING ANY WORK.  
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EXISTING UTILITIES CONFLICT WITH THE PROPOSED STORM DRAIN SYSTEM.  
4. ALL EXISTING STORM DRAIN ELEVATIONS PRIOR TO CONSTRUCTION.  
5. ALL PVC ON-SITE STORM DRAIN PIPE AND FITTINGS SHALL CONFORM TO GREENBOOK SPECIFICATION 201-17 AND ASTM D3034 (SR-35) OR ASTM D3035 (SR-35) OR EQUAL.  
6. ALL LATERAL CONNECTIONS SHALL BE STANDARD WYE OR COMBINATION FITTINGS TO MAINTAIN FLOW DIRECTION.  
7. ALL HEADS SHALL BE LONG RADIUS OR MULTIPLE FITTINGS TO MAINTAIN FLOW DIRECTION.

LEGEND  
PROPOSED AC PAVEMENT  
PROPOSED PCC IMPROVEMENTS  
PROPOSED TRUNCATED DOWNS  
PROPOSED SYNTHETIC TURF

811  
Know what's below.  
Call before you dig.

1051 QUEENS HWY. LONG BEACH, CA  
STORM DRAIN PLAN

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APPROVED BY: [Name]  
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