



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY

LOS ANGELES DISTRICT CORPS OF ENGINEERS
REGULATORY DIVISION, CARLSBAD FIELD OFFICE
5900 LA PLACE COURT, SUITE 100
CARLSBAD, CALIFORNIA 92008

August 15, 2013

Regulatory Division

Ms. Gail Jurgella
County of San Diego
Department of Public Works,
Environmental Services Unit
5510 Overland Ave, Mail Stop O-385
San Diego, California 92123

DEPARTMENT OF THE ARMY NATIONWIDE PERMIT VERIFICATION

Dear Ms. Jurgella:

I am responding to your request (SPL-2013-00386-MBS) dated May 16, 2013 for a Department of the Army (DA) permit. Your proposed project, Central Avenue Drainage Improvements Project, would result in a discharge of dredged and/or fill material into waters of the United States (U.S.). Therefore, pursuant to section 404 of the Clean Water Act (33 U.S.C. 1344; 33 C.F.R. parts 323 and 330), your proposed project requires a DA permit. The Central Avenue Drainage Improvements Project is located in the Central Avenue flood control facility between Dawsonia and Belle Bonne Brae Road in Bonita, California (as shown on the attached figures (Figures 1 and 2)).

I have determined construction of Central Avenue Drainage Improvements Project complies with Nationwide Permit (NWP) No. 7, *Outfall Structures and Associated Intake Structures*, and NWP No. 33, *Temporary Construction, Access, and Dewatering*, if conducted as described in your application.

Specifically, and as shown on the attached figures, you are authorized to conduct the following regulated activities:

- Construct a new 13-foot long, 9-foot wide J-wall within the Central Avenue flood control channel, immediately south of the Hazelhurst Court cul-de-sac, as shown on Sheet 4.
- Construct a new storm drain pipe parallel to the existing pipe under Central Avenue and Dawsonia Street. Stormwater flows would be re-routed from Central Avenue and would outlet at a new connection to the existing concrete channel, west of Dawsonia Street, as shown on Sheet 5.
- Permanently impact 0.002 acre of wetland waters of the U.S. and temporarily impact 0.033 acre of wetland waters of the U.S. in association with the construction of the new J-wall and outlet structure.

- Conduct temporary dewatering activities as needed to accommodate channel improvements.

For this NWP verification letter to be valid, you must comply with all of the terms and conditions in Enclosure 1. Furthermore, you must comply with the following non-discretionary Special Conditions:

1. The Permittee shall clearly mark the limits of the workspace with flagging or similar means to ensure mechanized equipment does not enter avoided waters of the U.S. and riparian wetland/habitat areas shown on Figure 7. Adverse impacts to waters of the U.S. beyond the Army Corps of Engineers (Corps) -approved construction footprint are not authorized. Such impacts could result in permit suspension and revocation, administrative, civil or criminal penalties, and/or substantial, additional, compensatory mitigation requirements.
2. The Permittee shall ensure that all construction materials and staging, storage, dispensing, fueling, and maintenance activities are located in upland areas outside of Corps jurisdiction, and that adequate measures are taken to prevent any potential runoff from entering waters of the U.S.
3. The Permittee shall ensure that water quality is maintained within the unnamed streams, at and downstream of the project site, by incorporating appropriate design elements into the project as approved by the Corps and the Regional Water Quality Control Board (RWQCB).
4. Pursuant to 36 C.F.R. section 800.13, in the event of any discoveries during construction of either human remains, archeological deposits, or any other type of historic property, the Permittee shall notify the Corps Project Manager (Meris Bantilan-Smith at 760-602-4836) and Corps' Archeology Staff within 24 hours (Steve Dibble at 213-452-3849 or John Killeen at 213-452-3861). The Permittee shall immediately suspend all work in any area(s) where potential cultural resources are discovered. The Permittee shall not resume construction in the area surrounding the potential cultural resources until the Corps Regulatory Division re-authorizes project construction, per 36 C.F.R. section 800.13.
5. Temporary impacts to waters of the U.S. shall be restored to pre-construction contours. All disturbed areas shall be revegetated with pre-existing and/or native vegetation.
6. Within 45 calendar days of completion of authorized work in waters of the U.S., the Permittee shall submit to the Corps Regulatory Division a post-project implementation memorandum including the following information:
 - a) Date(s) work within waters of the U.S. was initiated and completed;
 - b) Summary of compliance status with each special condition of this permit (including any noncompliance that previously occurred or is currently occurring and corrective actions taken or proposed to achieve compliance);

- c) Color photographs (including map of photopoints) taken at the project site before and after construction for those aspects directly associated with permanent impacts to waters of the U.S. such that the extent of authorized fills can be verified;
- d) One copy of "as built" drawings for the entire project. Electronic submittal (Adobe PDF format) is preferred. All sheets must be signed, dated, and to-scale. If submitting paper copies, sheets must be no larger than 11 x 17 inches; and
- e) Signed Certification of Compliance (attached as part of this permit package).

Your verification is valid through March 18, 2017. All NWP's will expire on March 18, 2017. It is incumbent upon you to remain informed of changes to the NWP's. A public notice of the change(s) will be issued when any of the NWP's are modified, reissued, or revoked. Furthermore, if you commence or are under contract to commence this activity before the date on which the relevant NWP is reissued, modified, or revoked, you will have twelve (12) months from the date of the reissuance, modification, or revocation of the NWP to complete the activity under the present terms and conditions of the relevant NWP.

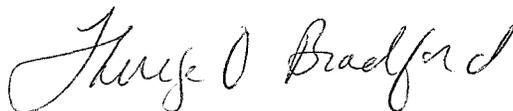
A NWP does not grant any property rights or exclusive privileges. Additionally, it does not authorize any injury to the property, rights of others, nor does it authorize interference with any existing or proposed Federal project. Furthermore, it does not obviate the need to obtain other Federal, state, or local authorizations required by law.

Thank you for participating in our regulatory program. If you have any questions, please contact Meris Bantilan-Smith at 760-602-4836 or via e-mail at Meris.Bantilan-Smith@usace.army.mil.

Please be advised you can now comment on your experience with Regulatory Division by accessing the Corps web-based customer survey form at:
<http://per2.nwp.usace.army.mil/survey.html>.

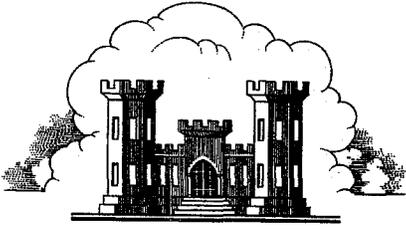
"Building Strong and Taking Care of People!"

Sincerely,



Therese O. Bradford
Chief, South Coast Branch

Enclosures



**LOS ANGELES DISTRICT
U.S. ARMY CORPS OF ENGINEERS**

**CERTIFICATE OF COMPLIANCE WITH
DEPARTMENT OF THE ARMY NATIONWIDE PERMIT**

Permit Number: *SPL-2013-00386-MBS*

Name of Permittee: *Gail Jurgella, County of San Diego*

Date of Issuance: *August 15, 2013*

Upon completion of the activity authorized by this permit and the mitigation required by this permit, sign this certificate, and return it to the following address:

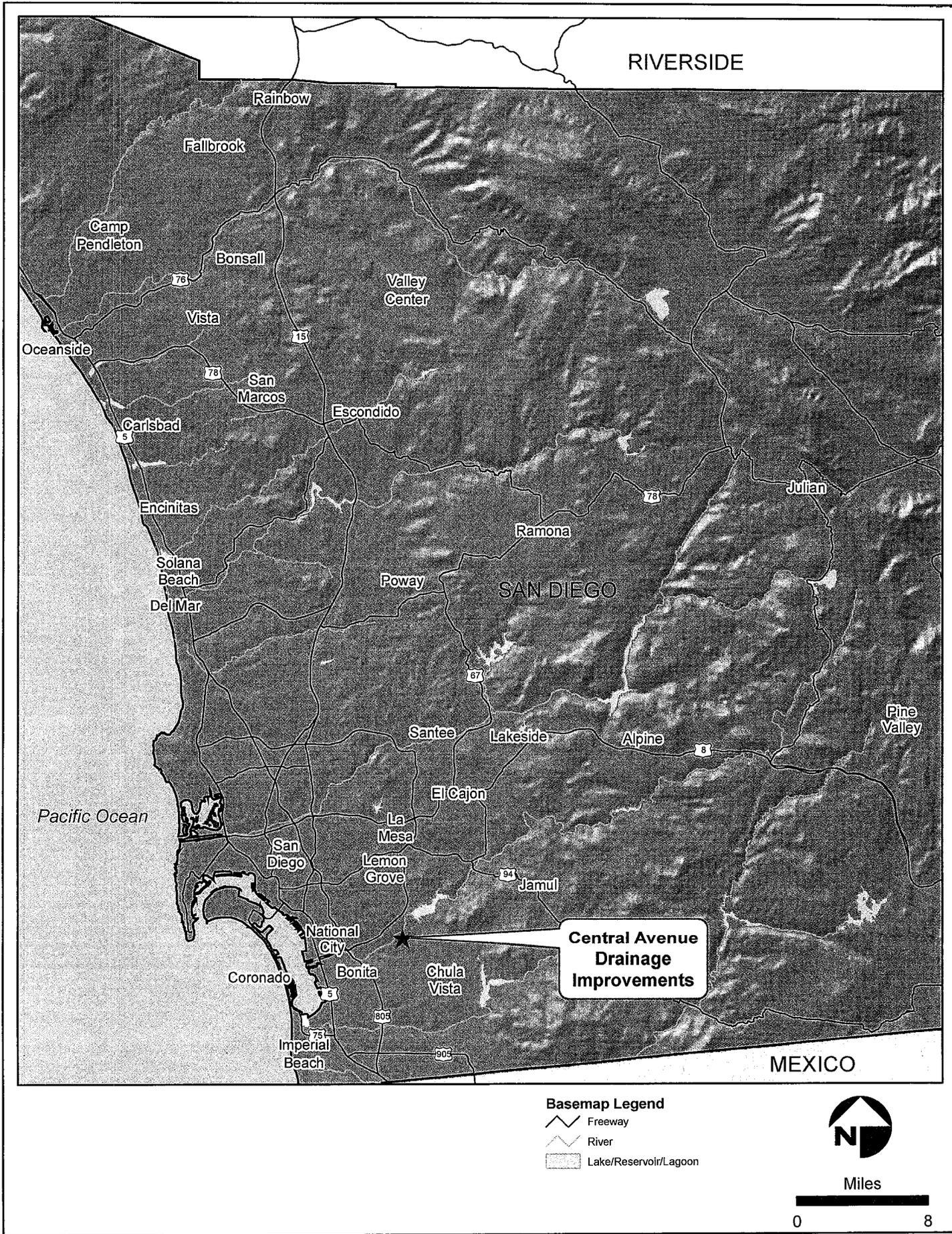
LOS ANGELES DISTRICT CORPS OF ENGINEERS
REGULATORY DIVISION, CARLSBAD FIELD OFFICE
ATTN: SPL-2013-00386-MBS
5900 LA PLACE COURT, SUITE 100
CARLSBAD, CALIFORNIA 92008

Please note your permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to comply with this Nationwide Permit, you may be subject to permit suspension, modification, or revocation procedures as contained in 33 C.F.R. § 330.5 or enforcement procedures such as those contained in 33 C.F.R. §§ 326.4 and 326.5.

I hereby certify the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit condition(s).

Signature of Permittee

Date



**Central Avenue
Drainage
Improvements**

Regional Location Map

Figure 1



Legend

 Project Area



Feet

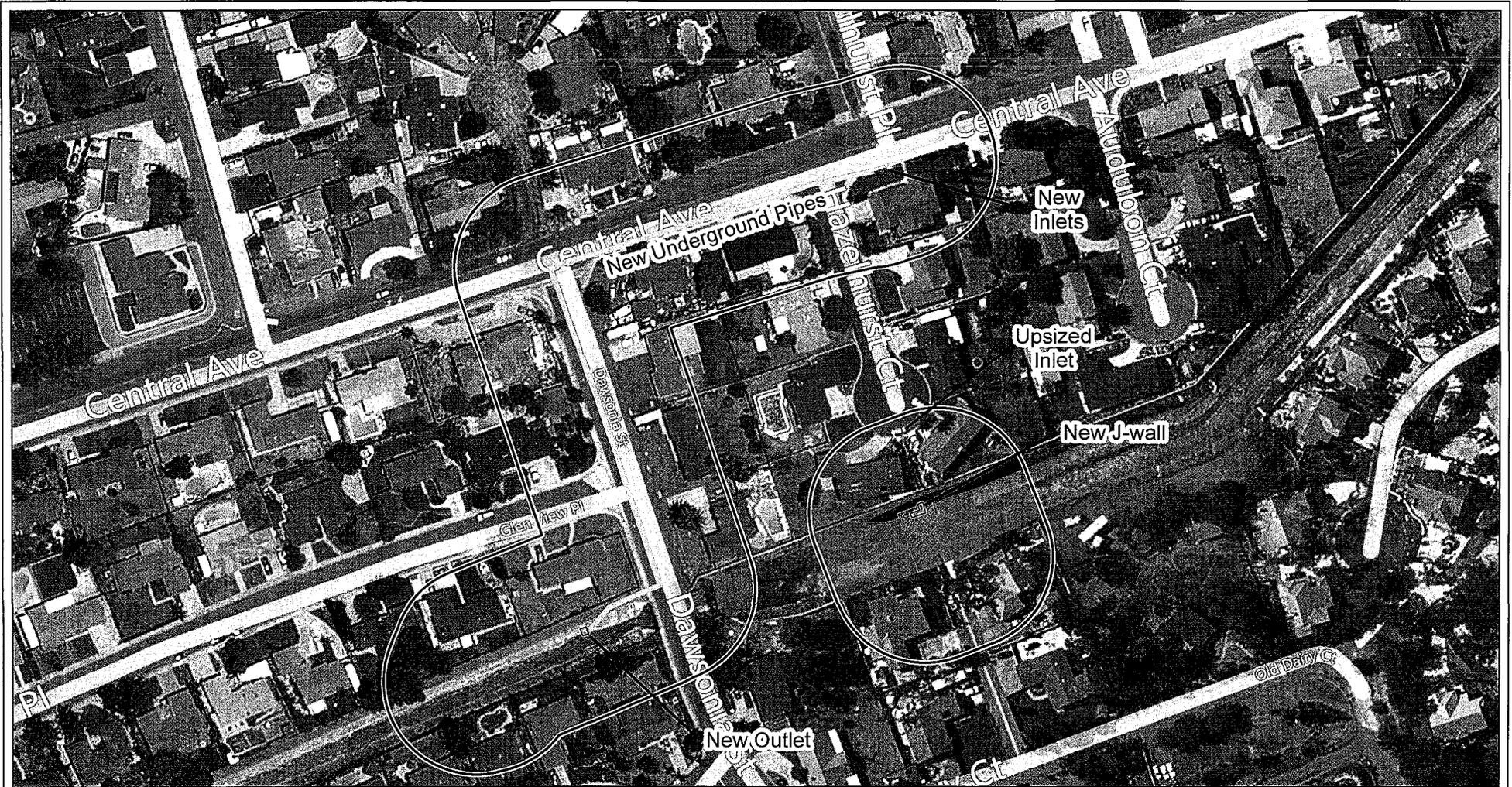


Map Source: USGS 7.5 minute topographic map series, National City quadrangle, La Nacion Land Grant

**Central Avenue
Drainage
Improvements**

USGS Topographical Quadrangle

Figure 2



- Legend**
- | | | | | | |
|--|----------------------------|--|---------------------------|--|-------------------|
| | Study Area | | Diegan Coastal Sage Scrub | | Disturbed Wetland |
| | Permanent Impact | | Non-Native Grassland | | Disturbed Habitat |
| | Temporary Impact | | Southern Willow Scrub | | |
| | Other Project Improvements | | | | |

Source: Viatronix 2013



Feet

0 100

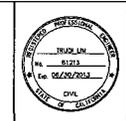
**Central Avenue
Drainage
Improvements**

Impacts to Vegetation - West

Figure 7

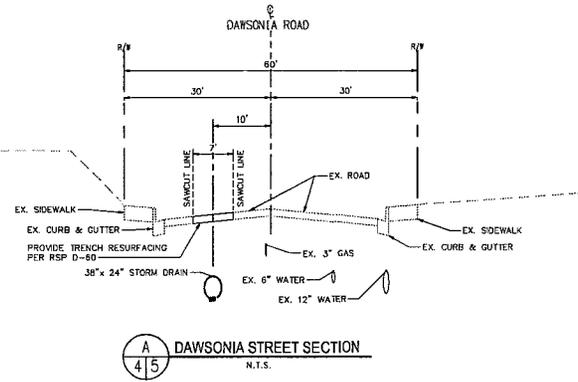
1 0 1 2 3 4 5 6 7 8 9 10

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES

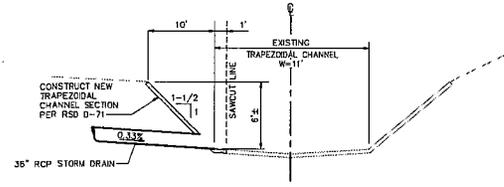


PLANS	BY	DATE
DESIGNED	PA/INF	
DRAWN		
REGISTERED CIVIL ENGINEER		
DATE		

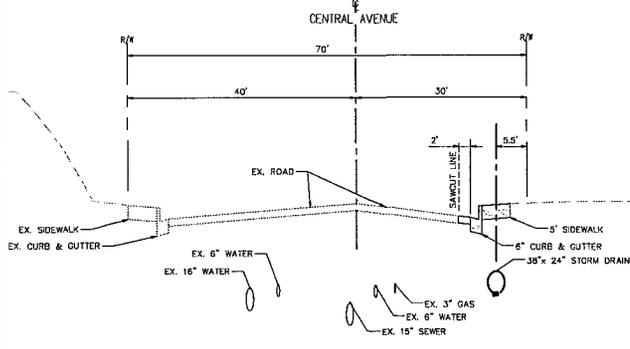
100% DRAFT SUBMITTAL - NOT FOR CONSTRUCTION



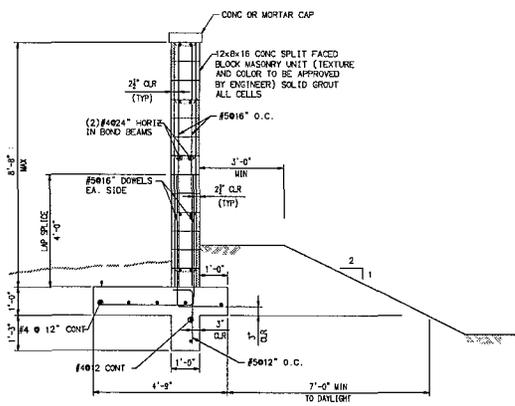
A
4/5
DAWSONIA STREET SECTION
N.T.S.



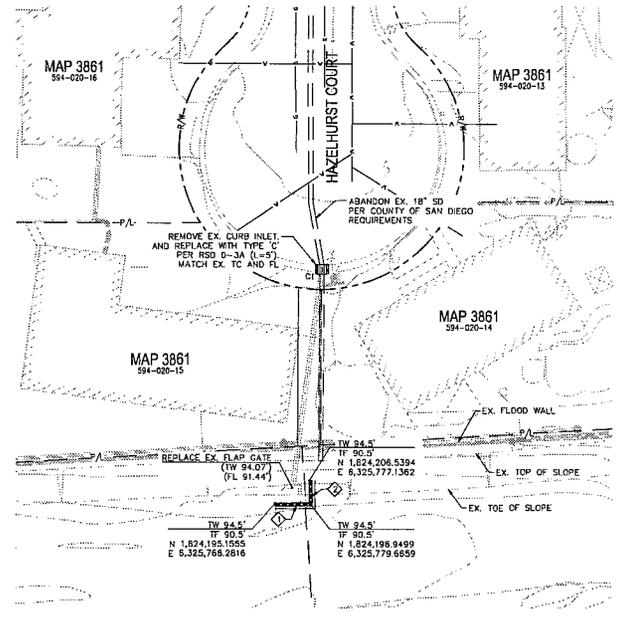
B
4/5
TRAPEZOIDAL CHANNEL CONNECTION SECTION
N.T.S.



C
4/6
CENTRAL AVENUE SECTION
N.T.S.



D
4/8
CMU RETAINING WALL
PLAN VIEW
NO SCALE



RETAINING WALL DATA			
NO.	BEARING/Delta	RADIUS	LENGTH
1	N71°33'59\"/>		

GRAVITY RETAINING WALL
PLAN VIEW
SCALE: HOR. 1"=20'

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1205



RECOMMENDED BY:	DATE:	REVISIONS:	BY:	APPROVED:	DATE:
MAHMOUD FAKHRIDDINE, County Engineer					

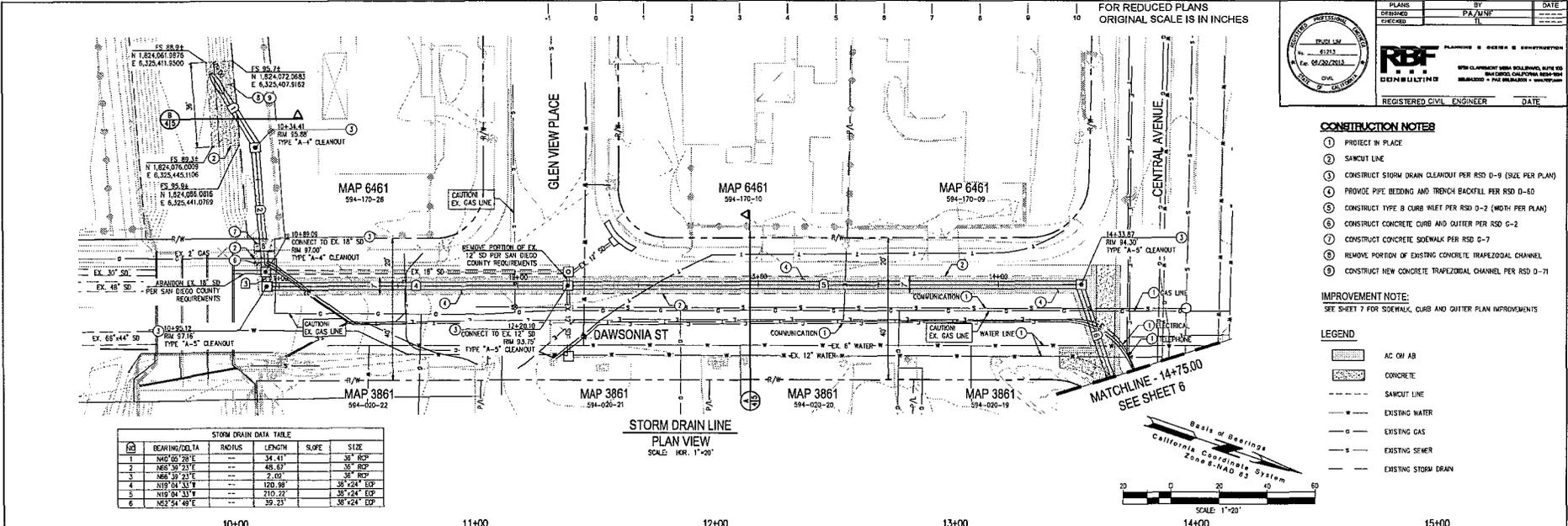
COORDINATE INDEX	1824 N. 6325 E.
CONST. COMPL.	
FIELD REVISIONS	

CENTRAL AVENUE DRAINAGE REPAIR IMPROVEMENTS
SECTIONS AND DETAILS

SCALE: HOR. NONE	VERT. NONE
WA. RS201	R.S. 801
CIVIL	
SHEET 4 OF 13 SHEETS	

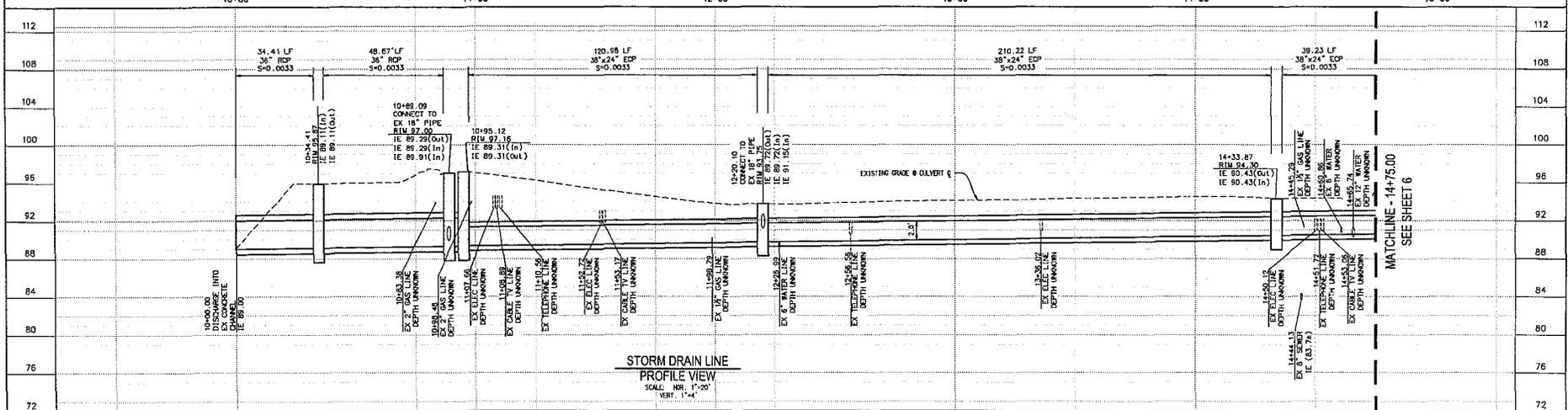
H:\PD11A\20\05137\015241\Central Avenue Drainage Repair_V20\Plan\DWG\015241-C001-Sections and Details.dwg Plot: Mar. 29 2017 12:13pm MFD081

100% DRAFT SUBMITTAL - NOT FOR CONSTRUCTION



ID	BEARING/DELTA	RADIUS	LENGTH	SLOPE	SIZE
1	N40°16'28"E	---	34.41'	---	36" RCP
2	N65°30'23"E	---	48.87'	---	36" RCP
3	N68°15'23"E	---	2.09'	---	36" RCP
4	N19°04'33"W	---	120.88'	---	36" x 24" EP
5	N19°04'33"W	---	210.22'	---	36" x 24" EP
6	N52°14'46"E	---	39.23'	---	36" x 24" EP

**STORM DRAIN LINE
PLAN VIEW**
SCALE: HOR. 1"=20'



**STORM DRAIN LINE
PROFILE VIEW**
SCALE: HOR. 1"=20'
VERT. 1"=4'

PLANS	BY	DATE
DRAWN	PA/ANP	---
CHECKED	IL	---

		PLANNING & DESIGN & CONSTRUCTION 8750 CLAYMONT ROAD, SUITE 100 SAN DIEGO, CALIFORNIA 92128 (619) 444-1100 • FAX (619) 444-1101
	REGISTERED CIVIL ENGINEER	DATE

- CONSTRUCTION NOTES**
- PROTECT IN PLACE
 - SAW-CUT LINE
 - CONSTRUCT STORM DRAIN CLEANOUT PER RSD D-9 (SIZE PER PLAN)
 - PROVIDE PIPE BEDDING AND TRENCH BACKFILL PER RSD D-6D
 - CONSTRUCT TYPE B CURB INLET PER RSD D-2 (WIDTH PER PLAN)
 - CONSTRUCT CONCRETE CURB AND GUTTER PER RSD G-2
 - CONSTRUCT CONCRETE SIDEWALK PER RSD C-7
 - REMOVE PORTION OF EXISTING CONCRETE TRAPEZOIDAL CHANNEL
 - CONSTRUCT NEW CONCRETE TRAPEZOIDAL CHANNEL PER RSD D-7I
- IMPROVEMENT NOTE:**
SEE SHEET 7 FOR SIDEWALK, CURB AND GUTTER PLAN IMPROVEMENTS

- LEGEND**
- AC ON AB
 - CONCRETE
 - SAWCUT LINE
 - EXISTING WATER
 - EXISTING GAS
 - EXISTING SEWER
 - EXISTING STORM DRAIN

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295	RECOMMENDED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____ _____ DATE: _____ <small>Motomasa Feldman, County Engineer</small>	REVISIONS _____ BY: _____ APPROVED: _____ DATE: _____ _____ BY: _____ APPROVED: _____ DATE: _____ _____ BY: _____ APPROVED: _____ DATE: _____	COORDINATE INDEX 1824 N 6325 E CONST. COMPL. _____ FIELD REVISIONS _____	CENTRAL AVENUE DRAINAGE REPAIR IMPROVEMENTS STORM DRAIN PLAN AND PROFILE	SCALE HOR. 1"=20' VERT. 1"=4' W.A. R5801 P.S. 801 CIVL SHEET 5 OF 13 SHEETS
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