Unified Port
of San Diego

3165 Pacific Highway, San Diego, CA 92101
P.O. Box 120488, San Diego, CA 92112-0488
619.686.6200 • www.portofsandiego.org

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
2015 SEP 14 AM 10 10

September 14, 2015

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108
Attn: Wayne Chiu

Subject: **Comment - Tentative Order No. R9-2015-0100, Place ID:786088WChiu**

Dear Mr. Chiu:

The San Diego Unified Port District (District) submits the following comments to Tentative Order No. R9-2015-0100 (Tentative Order), which proposes to amend the *National Pollutant Discharge Elimination System (NPDES) Permit and Waste Discharge Requirements for Discharges of Urban Runoff from the Municipal Separate Storm Sewer Systems (MS4) Draining the Watersheds within the San Diego Region* (the Permit). The District continues to support the San Diego Regional Water Quality Control Board's (Regional Board) efforts to develop a Permit that appropriately regulates MS4 discharges in a manner protective of human and ecological health and that addresses the substantial economic and feasibility constraints faced by the Copermittees. The District also appreciates the workshops held by the Regional Board to consider and develop proposed language prior to the issuance of the Tentative Order.

The District reiterates the comments it has made on Order No. R9-2013-001 and Order No. R9-2015-001 and repeats and incorporates by reference these previously submitted comments, which were set forth in letters dated September 14, 2012, January 11, 2013, November 19, 2014, and in the transcript from the hearing that took place before the Regional Board on April 10 and 11 and on May 8, 2013. The District also incorporates by reference its position on the provision identified and addressed in its petition to the State Board, submitted on June 7, 2013 (Petition No. A-2254(o)).

As set forth in these previously submitted comments, the District continues to request that the Regional Board add language to the Permit clarifying that the location of an MS4 facility within the District's jurisdictional boundaries does not, without more, render the District an owner or operator of that facility. Though obvious, this concept is singularly important to the District given its unique status as the trustee of tidelands resources with boundaries that overlap with the Cities of San Diego, National City, Chula Vista, Imperial Beach, and Coronado (member cities). MS4 facilities owned and operated by the member cities traverse District boundaries, many without any storm water contribution from the District. These MS4 facilities were reserved by the member cities in the 1962 conveyances of tidelands properties to the District, and continue to be owned and operated by the member cities (and not the District) to this day. Attachment A includes the 1962 conveyance document for the record.

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The law is clear: the District is not responsible for discharges from an MS4 that it does not own or operate, even if a portion of the MS4 falls within its boundaries. *See* 33 U.S.C. 1316(a)(4) ("owner or operator" defined as "any person who owns, leases, operates, controls, or supervises a source"); 40 C.F.R. 122.26(a)(3)(vi) ("Co-permittee need only comply with permit conditions relating to discharges from the municipal separate storm sewers *for which they are operators*.") (emphasis added); State Board, Order No. WQ 2015-0075, at 66 ("Permittees that have commingled MS4 discharges need only comply with permit conditions relating to discharges from the MS4 *for which they are owners or operators*.") (emphasis added). Indeed, as the Permit recognizes, "[t]he federal regulations make it clear that the Copermittees need only comply with permit conditions relating to discharges from the MS4s for which they are operators (40 CFR 122.26(a)(3)(vi))."

Despite the clarity of the law, there has been substantial confusion as to the District's responsibility for MS4 facilities within its boundaries that are owned and operated by other Copermittees. For example, the District has been named to Draft Investigative Order R9-2015-0058, which pertains to an investigation of sediment quality in the Mouth of Chollas Creek, based on its status as an MS4 Copermittee—despite the fact that the District does not own or operate any portion of the MS4 that discharges into Chollas Creek.[1] As stated above, it would be improper to name the District to an investigative order based solely on its status as MS4 Copermittee. Yet it has become clear that without the clarifying language requested by the District, the Regional Board and others may look to the District to take responsibility for MS4 facilities that it does not own or operate and, thus, cannot legally control.

Thank you again for this opportunity to provide comments on the Tentative Order. If you have any questions please contact Karen Holman at (619) 725-6073 or via email at kholman@portofsandiego.org.

Respectfully,

Jason H. Giffen

D2#1035048
cc: Randa Coniglio, John Bolduc, John Carter, Karen Holman, Paul Brown
Attachments:
Attachment A: February 16, 1963, City of San Diego Conveyance Document and Drawings (CD)
Attachment B: July 30, 2015 District Comment Letter on Mouth of Chollas Creek Draft Investigative Order R9-2015-0058

[1] The District attaches and incorporates by reference its July 30, 2015 comments on Draft Investigative Order R9-2015-0058 (Attachment B to this letter).

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July 30, 2015

Sean McClain
California Regional Water Quality Control Board
San Diego Region
2375 Northside Drive, Suite 100
San Diego, CA 92108

Subject: San Diego Unified Port District Comments on Mouth of Chollas Creek-Draft Investigative Order R9-2015-0058

Dear Mr. McClain,

The San Diego Unified Port District ("District") appreciates the opportunity to submit comments on Investigative Order No. R9-2015-0058, Pertaining to an Investigation of Sediment Quality in the Mouth of Chollas Creek, dated June 1, 2015 ("draft Order").

The District supports the Regional Board's continued efforts to identify and eliminate sources of contamination impacting San Diego Bay (the "Bay"), including those that might exist within the Mouth of Chollas Creek and the Chollas Creek Tidal Prism ("Investigation Area"). As you know, the District acts as the public trustee and steward of its tidelands properties located in and adjacent to the Bay and works collaboratively with the Regional Board to ensure the health of Bay's ecosystems and their ability to sustain beneficial uses.

As set forth below, the District disputes the draft Order's findings regarding the District's responsibility for waste discharges to sediment within the Mouth of Chollas Creek and the Tidal Prism. Contrary to the draft Order's findings, the District does not own or operate the municipal separate storm sewer system ("MS4") that discharges storm water runoff to the Investigation Area, and does not own or operate any facilities that could reasonably be viewed as a source of Investigation Area contamination. Though the District fully supports the investigation of Chollas Creek Mouth and Tidal Prism sediments and asks that the Regional Board ensure contamination is eliminated, the parties responsible for the contamination should bear the cost and burden of its investigation and removal.

The District is submitting the following comments regarding factual findings of land ownership[1], corrections to the draft Order, and general points which have been coordinated with the other stakeholders on the draft Order's structure and timing.

1. <u>The Order Should Not Be Directed To The District.</u>

   a. The District Does Not Own Or Operate Any MS4 That Discharges Into the Investigation Area

[1] The District previously provided the Regional Board with information detailing the ownership and control over the Mouth of Chollas Creek and discharges to the same in the District's comment letters and technical report submitted to the Regional Board on April 8 and December 20, 2013. The District's expert, Robert Collacott, also testified to the fact that the District does not own or operate any portion of the Municipal Separate Storm Sewer system ("MS4") that discharges to this area during the administrative proceedings leading up to Regional Board Order No. R9-2012-0024. These prior submissions and related briefs and petitions are incorporated by reference.

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The draft Order incorrectly states that the Mouth of Chollas Creek "receives discharges from the municipal separate storm sewer systems (MS4s) of ... the [District]" and that the District "own[s] and/or operate[s] MS4s that discharge storm water runoff directly into Chollas Creek." (draft Order Findings 7 & 10). Additionally, the draft Order (Finding 3) incorrectly identifies the Chollas Creek Tidal Prism area as ".immediately adjacent to San Diego Bay under the jurisdiction of the San Diego Unified Port District and the U.S. Navy (Naval Base San Diego)."

The District does not own or operate any portion of the MS4 that discharges into the Investigation Area. Rather, the only MS4 located within the District's jurisdiction that discharges into Chollas Creek is owned and operated by the City of San Diego ("City"), which runs beneath 28th Street to outfall SW9. The City, which maintains overlapping jurisdictional boundaries within this area, retained this MS4 facility in the 1963 Conveyance of certain tideland property from the City to the District. This Conveyance excluded from the property transfer "all existing water, sewer and drainage facilities, known or unknown, the location ... being designated by engineering drawings" referenced in the Conveyance and to be "more specifically located by survey and location maps" at a later date. Attachment A, Page 6 (emphasis added). In fact, the City's own engineering drawings referenced in the Conveyance and City engineering drawings created years later identify this line as a City drainage facility (Attachments B and C). Furthermore, the City conceded that it owns this portion of the MS4 during the Shipyard Sediment Site administrative proceedings. Attachment D ("[T]he City storm drain system enters the NASSCO leasehold at the foot of 28th Street and terminates at the southeasterly corner" where it "discharges into Chollas Creek" at the SW9 outfall). The City's ownership and operation of this MS4 is beyond dispute.[1] Additionally, the Tidal Prism area lies upstream of the tidelands boundary and is within the City of San Diego and U.S. Navy jurisdictions.

It is possible that the Regional Board named the District due to the District's status as a Co-permittee on the municipal MS4 permit, Order No. R9-2013-0001 ("MS4 Permit"). However, this is inappropriate. The law is clear: the District is not responsible for discharges from portions of an MS4 that it does not own or operate, even if portions of those facilities fall within its jurisdiction. *See* 33 U.S.C. 1316(a)(4) ("owner or operator" defined as "any person who owns, leases, operates, controls, or supervises a source"); 40 C.F.R. 122.26(a)(3)(vi) ("Co-permittee need only comply with permit conditions relating to discharges from the municipal separate storm sewers *for which they are operators*.") (emphasis added); State Board Order No. WQ 2015-0075, at 66 ("Permittees that have commingled MS4 discharges need only comply with permit conditions relating to discharges from the MS4 *for which they are owners or operators*.") (emphasis added). Thus, Co-permittee status without more does not render the District an owner or operator of all MS4 covered by the permit and does not constitute a valid reason to direct the District to conduct an investigation within Chollas Creek. *See* MS4 Permit Paragraph 2 ("The federal regulations make it clear that the Co-permittees need only comply with permit conditions relating to discharges from the MS4s for which they are operators (40 CFR 122.26(a)(3)(vi))"; State Board, Order No. WQ 2015-0075, at 67 ("joint responsibility in an MS4 Order is only appropriate if the ultimate responsibility for addressing an exceedance rests with those permittees

[1] The District has identified a single minor storm drain within its jurisdiction that drains approximately 870 ft² of non-industrial property in the vicinity of Chollas Creek. The drain appears to lead to a storm water line underneath Harbor Drive owned by the City that appears to be non-operational or potentially abandoned. In any event, the location of this drain does not render the District an owner or operator of an MS4 relevant to the investigation directed by the Order.

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that actually cause or contribute to the exceedance in question."). Requiring the District to participate in this investigation would improperly require the District to address contamination caused by others.

Because the District does not own or operate any portion of the MS4 discharging to the Mouth of Chollas Creek, it should not be named to the Order. The draft Order should be revised to reflect the true ownership of MS4 facilities discharging to Chollas Creek and directed to those responsible for Investigation Area contamination.

b. The Regional Board Should Look To NASSCO To Address Any Contamination Caused By Its Operations

The draft Order identifies NASSCO as a source of pollutant discharges in Chollas Creek (Finding 12). NASSCO has been the exclusive operator of the shipbuilding and repair facilities at the current location since before the District came into existence. *See* Cleanup and Abatement Order No. R9-2012-0024, Finding 2. If NASSCO is in fact responsible for contamination within the Investigation Area, the Regional Board should look to NASSCO to address that contamination.

It is the long-established practice of the State Board to hold a non-discharging public entity landlord responsible for compliance only after the primary discharger has failed to perform or comply with its administrative obligations. *See* Petition of Wenwest, WQ 92-13; Petition of Schmidl, WQ 89-1; Petition of Forest, WQ 87-5. It has also been the Regional Board's practice not to order the District to participate in investigations of contamination caused by others, even if located within the District's jurisdiction. *See* Attachment E, Letter from James G. Smith, Regional Board to Gene Matsushita, Lockheed Martin (November 19, 2012). Indeed, it would be improper for the Regional Board to assign liability for contamination caused by private parties to the public trustee, especially if the only basis for this liability shift were the fact that the location of the contamination is land held in trust.

Comments Submitted With Other Stakeholders:
The following comments have been discussed with the other stakeholders identified on the draft Order; the District is in general agreement with these points.

2. Limit The Investigative Order To Phase One Elements Only. The District is in agreement with other stakeholders that this draft Order should be limited to Phase One elements. It is recommended that all actions and deadlines relating to Phase Two be removed. Including Phase Two in this initial Order appears to be premature, as the stakeholder roles, phase design, and implementation efforts in the second phase are reliant on Phase One findings. As such, determination of potential work elements and the stakeholder roles in Phase Two cannot be determined at this time.

3. Proposed Timelines Should Be Extended. The District agrees with the other stakeholders that the timeline for Phase One deliverables be extended. Developing a well-designed and comprehensive Phase One Work Plan and Quality Assurance Project Plan (QAPP) is a complex process that involves collaboration amongst the stakeholders on work products, contracting mechanisms and cost sharing, as well as

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discussions with the Regional Board. The timeline in the Order does not provide adequate time to develop the aforementioned documents and incorporate any revisions suggested by Regional Board staff.

In addition, the Order's timeline should be extended to take into account field efforts, time to perform data analysis, and development of a report. The Order currently states that the Work Plan is due on November 19, 2015, and the Sediment Chemistry Assessment Report (Report) is due on August 31, 2016. The District respectfully requests that the timeline be extended as follows:

- Work Plan due March 30, 2016;
- Report due March 30, 2017.

This request is based on the understanding that the most appropriate time to assess ambient conditions is during summer months (May September). Monitoring in the summer of 2016 would then enable stakeholders to obtain monitoring results in the fall of 2016, and present findings in a report the following spring (2017).

4. Identify A Work Plan Approval Process. The District recommends that the final Order include language clarifying the Regional Board approval process for the Phase One Work Plan. The final Order should specify the review process and time period by which the Regional Board will review and approve the Work Plan. To avoid potential confusion or unnecessary delay, the District strongly recommends that the final Order provide at least a 90-day Work Plan review and approval process. In addition, the Order should clarify that the Regional Board will indicate concurrence with the Work Plan if no comments are received by the end of the 90-day period so the Work Plan implementation can begin.

5. Provide Clear Delineation of the Tidal Prism. The District agrees with the other stakeholders that the Order should define the geographical extent of the Chollas Creek Tidal Prism, similarly to the delineation of the Mouth of Chollas Creek. While the draft Order discusses the Chollas Creek Tidal Prism, the description of the geographical extent of the investigation does not clearly identify that the tidal prism is part of the overall Chollas Creek study area.

   The Investigation Area is comprised of two distinct segments: 1) the Mouth of Chollas Creek and 2) the Chollas Creek Tidal Prism. Because the Order calls for an investigation of the Tidal Prism, the tidal prism area should be clarified in the final Order and include a figure depicting the boundaries of the Chollas Creek Tidal Prism.

Factual Corrections to the Order

The District has reviewed the draft Order and the information relating to land ownership, leases, and jurisdictional authorities within the Chollas Creek drainage area. Based upon review of records of land ownership and leases, the District requests that the items below be corrected as detailed herein.

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6. MS4 Ownership Operation. Findings 7 and 10 should be revised to reflect the fact that the District does not own or operate the MS4 discharging to Chollas Creek.

7. Tidal Prism. The District requests that Finding 3 be revised to correct the statements relating to the Tidal Prism, as follows:

   a) Replace the "San Diego Unified Port District" with the "City of San Diego" for jurisdictional ownership.

   b) Include a map of the Tidal Prism area within the body of the draft Order.

8. U.S. Navy and Nassco Leased Parcels. The draft Order (Findings 12 and 13) identifies the land owners for portions of the Chollas Creek Mouth. In particular it states that the Nassco facility is leased from the District. The draft Order does not state that Nassco also leases a portion of their facility from the U.S. Navy. The U.S. Navy is the land owner for areas on both sides of the Chollas Creek Mouth. The portion of U.S. Navy property on the northern side of the Chollas Creek Mouth is leased to Nassco. The District requests the following corrections to the draft Order:

   a) Revise the draft Order to identify that Nassco leases land from both the District and the U.S. Navy(Page 7), and

   b) Include correlating language on page 9 to indicate that the U.S. navy leases land to Nassco.

The District remains firm in its commitment to conduct operations and manage resources in an environmentally sensitive and responsible manner. As such, the District believes that efforts such as this Chollas Creek investigation supports the Regional Board's overarching efforts to develop a strategy that will achieve healthy waters in San Diego Bay. The District, as an interested party, is encouraged by the Regional Board's desire to investigate and address contamination within this area. We encourage you to continue to move these investigations forward in a manner that is consistent with the San Diego Bay Strategy.

Thank you again for this opportunity to provide comments on this important project. If you have any questions please contact Karen Holman at (619) 725-6073.

Sincerely,

Jason H. Giffen
Director, Environmental and Land Use Management

Attachments
Attachment A — February 16, 1963. City of San Diego Conveyance Document
Attachments B and C — City of San Diego Engineering Dept. Drainage Drawings
Attachment D — July 15, 2004 Report for the Investigation of Exceedances of the Sediment Quality Objectives at National Steel and Shipbuilding Company Shipyard
Attachment E — November 19, 2012. Letter from James G. Smith Regional Board to Gene Matsushita Lockheed Martin

D2#965199 cc: John Carter, Jason H. Giffen, Karen Holman, Paul Brown

Attachment A

PORT OF SAN DIEGO
P.O. Box 488
San Diego 12, Calif.

(86)
ORIGINAL

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 75
FILED FEB 15 1963
MICROFILM NO. 8
OFFICE OF THE CLERK

CONVEYANCE

THE CITY OF SAN DIEGO, a municipal corporation, in the County of San Diego, State of California, hereby conveys, without warranty, to the SAN DIEGO UNIFIED PORT DISTRICT, a Public Corporation established pursuant to the provisions of the San Diego Unified Port District Act, all those lands situate within the City of San Diego, County of San Diego, State of California, which are more particularly described as follows:

PARCEL I:

All those lands lying between the line of mean high tide of San Diego Bay and the pierhead line of said bay, and between the prolongation into said bay to the pierhead line of the northerly line of the United States military reservation on Point Loma and the prolongation into said bay to the pierhead line of the southwesterly line of the United States Naval Training Center and reserving therefrom such roadways and easements as hereinafter described, such boundaries, roadways and easements being shown in detail upon engineering drawings Nos. 1, 2, 2a, 2b, 2c, 3, 3a, 3b, 3c, 3d, 3e, 3f, 3g, 4, 4a, 4b, 14a, 14b, 14c, & 15a, 15b, 15c, 16a, 16b, 16c.

PARCEL II:

All those lands lying between the line of mean high tide of San Diego Bay and the pierhead line of said bay, and between an irregular westerly boundary being an irregular line beginning at Government Station 488 on the combined pierhead and bulkhead line and proceeding northerly; thence easterly; thence northerly; thence easterly; thence northeasterly along the boundary of the United States Marine Corps Base to the point where such boundary intersects the mean high tide line in the vicinity of Washington Street and Pacific Highway, and the northwesterly boundary lines of the United States Naval Station between the mean high tide line and the United States Pierhead Line being an irregular line, omitting therefrom the United States Coast Guard Base lying southerly of North Harbor Drive and in the vicinity of Lindbergh Field; and the Civic Center lying between North Harbor Drive and Pacific Highway and between Grape and Ash Streets; and the United States Naval Supply Center consisting of four parcels, (1) the block lying between Broadway and "E" Street and between North Harbor Drive and Pacific Highway, (2) the block lying between "B" and "F" Streets and between North Harbor Drive and Pacific Highway, (3) a portion of a block between "F" and Market Streets and North Harbor Drive and Pacific

I hereby certify that, if impressed with the seal of the San Diego Unified Port District, this is a true copy of the original record filed in the Office of the District Clerk of the San Diego Unified Port District as Document No 75.

By _____ Date 9/22/2010 No. Pages: 8

Timothy A. Deuel
Deputy District Clerk

Highway, (4) The United States Naval Pier at the foot of "G" Street; and adding portions of fractional blocks 18 and 19, New San Diego, according to the Map thereof No. 456, lying above the mean high tide line; such boundaries, roadways, easements and omissions being shown in detail upon engineering drawings Nos. 4, 5, 6, 6a, 6b, 6c, 7, 8, 8a, 8b, 9, 9a, 9b, 9c, 9d, 9e, 10, 10a, 10b, 10c, 10d, 10e, 10f, 10g, 10h, 11, 12, 12a, 13, 13a, 13b, 13c, 14c, 14d 14e, 14f, 15c, 15d, 15e, 15f, 16e, 16f, 14g, 15g, 16c, 16d, 16g.

The City retains from the conveyance of Parcel II the right of control and possession of that block surrounded by Pacific Highway on the west, Kettner Boulevard on the east, Market Street on the north, and Harbor Drive on the south, for a Police Station and for so long as the City continues to use it for that purpose.

PARCELS III through XIV:

The following described uplands lying above the line of mean high tide of San Diego Bay:

(Parcel III):

Lot 8, Block 135, La Playa, Couts Miscellaneous Map No. 37, lying above mean high tide line, and as shown on engineering drawing No. 2a.

(Parcel IV):

Portion Closed Street, Adjacent Lot 2, Block 154, La Playa, Couts Miscellaneous Map No. 37, lying above mean high tide line, and as shown on engineering drawing No. 2b.

(Parcel V):

Portions of Right of Way Lots 73 and 74 of Middletown, according to Jackson's Map of Middletown, and as shown on engineering drawing No. 8a.

(Parcel VI):

Portion of Lot 6, Block 272 of Middletown, according to Jackson's Map of Middletown, and as shown on engineering drawing No. 8b.

(Parcel VII):

Lot E, Block 22, New SanDiego, according to the Map thereof No. 456, lying above the mean high tide line.

(Parcel VIII):

Lot E, Block 23, New San Diego, according to the Map thereof No. 456, filed in the office of the County Recorder, said County of San Diego, excepting therefrom that portion, if any, lying below the mean high tide line of the Bay of San Diego, and excepting therefrom the Right of Way of the Atchison, Topeka and Santa Fe Railway Company.

(Parcel IX):

Portion of Lot F, Block 23, New San Diego, lying above the mean high tide line, and as shown on engineering drawing No. 10e.

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(Parcel X):

All of Block 31, New San Diego, Map No. 458.

(Parcel XI):

Portion of Pueblo Lot 1164 northwesterly of Sampson Street, as shown on engineering drawing No. 12a.

(Parcel XII):

All of Block 45, Roseville, Map No. 165, lying above the mean high tide line.

(Parcel XIII):

Lot 6, Block 67 of Roseville, according to Map No. 165 of Roseville, lying above the mean high tide line, as shown on engineering drawing No. 13a.

(Parcel XIV):

The portions of Fractional Block 64 and the Unnumbered Fractional Block in San Diego Land and Town Company's Addition, according to record map thereof No. 379, lying between the mean high tide line of the Bay of San Diego, and the southerly right of way line of the Atchison, Topeka and Santa Fe Railroad, as shown on engineering drawing No. 13a.

ROADWAYS RESERVED

The City of San Diego specifically reserves easements for street purposes, as more particularly set forth hereinafter, including within such reservations the right to construct, maintain and operate all utilities and the right to grant franchises on such streets and to require franchise payments to The City of San Diego as authorized by the Charter of The City of San Diego:

PARCEL A: (Roads within Parcel I described above)

For San Antonio Avenue - an easement over that portion included between the mean high tide line and the prolongation of the easterly line of San Antonio Avenue as it now exists, as shown on engineering drawing No. 2.

For Talbot Street - an easement 70' in width extending from the mean high tide line to the southeasterly line of Anchorage Lane, as shown on engineering drawing No. 1f.

For Canyon Street - an easement 70' in width extending from the mean high tide line to the southeasterly line of the most southeasterly line of Anchorage Lane, as shown on engineering drawing No. 3a.

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For Anchorage Lane - an easement 48' in width between the northeasterly line of Talbot Street and the southwesterly line of Canyon Street, and an easement 55' in width between the northeasterly line of Canyon Street and the southwesterly line of Byron Street, as shown on engineering drawings Nos. 3e and 3f.

For Byron Street - an easement 60' in width between the mean high tide line and the traffic circle at Byron Street and Yacht Harbor Drive, as shown on engineering drawings Nos. 3c, 3d.

For Yacht Harbor Drive - an easement of variable widths as shown on engineering drawings Nos. 2c, 2d, 2e, 4b.

For the traffic circle at Byron Street and Yacht Harbor Drive - easements of variable widths as shown on engineering drawing No. 2c.

For the traffic circle at the southwesterly end of Yacht Harbor Drive - easements of variable widths as shown on engineering drawing No. 2c.

For Garrison Street - an easement 70' in width extending from the mean high tide line to the northwesterly line of Scott Street, as shown on engineering drawing No. 3g.

For Scott Street - an easement 70' in width extending from the point where the mean high tide line intersects the southeasterly line of Scott Street to the southwesterly boundary of North Harbor Drive, the variable widths of such easement as shown on engineering drawing No. 3g.

For North Harbor Drive - an easement 167.5' in width extending easterly from the mean high tide line to the southwesterly line of the United States Naval Training Center, as shown on engineering drawing No. 4a.

For Lowell Street - an easement 73.5' in width extending southeasterly from the mean high tide line to the northerly line of North Harbor Drive, as shown on engineering drawing No. 4a.

PARCEL B: (Roads within Parcel II described above)

For 28th Street - an easement 126' in width extending from the mean high tide line to the northerly line of Harbor Drive, as shown on engineering drawing No. 13d.

For 8th Avenue - an easement 80' in width extending from the mean high tide line to the northeasterly line of Harbor Drive, as shown on engineering drawing No. 11.

For 5th Avenue - an easement 80' in width extending from the mean high tide line to the northeasterly line of Harbor Drive, as shown on engineering drawing No. 11.

For Kettner Boulevard - an easement 75' in width extending southerly from the mean high tide line to the northeasterly line of Harbor Drive, as shown on engineering drawing No. 10.

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Broadway - an easement 125' in width extending from the westerly line of Pacific Highway to a line parallel to and 200' easterly from the United States bulkhead lines, as shown on engineering drawing No. 10a.

For Ash Street - an easement 80' in width extending from the westerly line of Pacific Highway to the easterly line of North Harbor Drive, as shown on engineering drawing No. 9a.

For Grape Street - an easement 80' in width extending from the westerly line of Pacific Highway to the easterly line of North Harbor Drive, as shown on engineering drawing No. 9b.

For Hawthorn Street - an easement 80' in width extending from the mean high tide line to the easterly line of Pacific Highway; an easement 80' in width extending from the northwesterly line of Pacific Highway to the northeasterly line of North Harbor Drive, as shown on engineering drawing No. 9.

For Ivy Street - an easement 80' in width extending from the mean high tide line to the easterly line of Pacific Highway, as shown on engineering drawing No. 9.

For Laurel Street - an easement 80' in width extending from the mean high tide line to the northeasterly line of Pacific Highway; an easement 80' in width extending from the southwesterly line of Pacific Highway to the northerly line of North Harbor Drive with a variable width at the Harbor Drive end of said easement, as shown on engineering drawings Nos. 9b, 9a.

For Palm Street - an easement 80' in width extending from the mean high tide line to the northeasterly line of Pacific Highway, as shown on engineering drawing No. 8.

For Sassafras Street - an easement 80' in width extending from the mean high tide line to the northeasterly line of Pacific Highway, as shown on engineering drawing No. 8.

For Vine Street - an easement 80' in width extending from the mean high tide line to the northeasterly line of Pacific Highway, as shown on engineering drawing No. 8.

For North Harbor Drive - an easement 200' in width extending from the westerly boundary line of Parcel II to the easterly line of the United States Coast Guard Base; an easement 179' in width extending from the easterly line of the United States Coast Guard Base to the vicinity of the prolongation of Date Street; an easement 165' in width extending from the vicinity of the prolongation of Date Street to the southerly line of Ash Street, as shown on engineering drawings Nos. 4, 5, 6, 7, 9.

For Harbor Drive - an easement of variable widths extending from the easterly line of Pacific Highway to where said street intersects the mean high tide line in

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the vicinity of the prolongation of 16th Street; an easement providing for a right of way 120' in width from the vicinity of Schley Street to the vicinity of the United States Naval Repair Base; the variable widths of such easements as shown on engineering drawings Nos. 10, 11, 13.

For Pacific Highway - an easement providing for a right of way of variable widths between that point where the mean high tide line intersects the southwesterly line of Pacific Highway in the vicinity of Washington Street and the southerly line of Harbor Drive, as shown on engineering drawings Nos. 8, 9, 10.

For all the above-mentioned streets - an easement of such width for intersection purposes at the intersection of any of the aforementioned streets with each other or with any other roadway and as shown on the appropriate engineering drawings in Exhibit "A."

OTHER EASEMENTS RESERVED

City reserves easements in Parcels I through XIV for all existing water, sewer and drainage facilities, known or unknown, the location of known existing utilities being designated by engineering drawings Nos. 14a - 14g; 15a - 15g; 16a - 16g; unknown easements shall be more specifically located by survey and location maps of such easements shall be prepared, which maps shall become a part of this conveyance as a subsequent exhibit when approved by District and City.

QUITCLAIM

Parcel XV:

City quitclaims all its right, title and interest in all those submerged lands in the Bay of San Diego bayward of the pierhead line within the city limits of said city, excepting those lying easterly of the jetty and southerly of the peninsular of San Diego; and southerly of the common boundary of the City of San Diego and the City of National City as shown on engineering drawing No. 1.

EXHIBITS

All engineering drawing numbers referred to in this document under Parcels I through XIV; Roadways Parcels A and B; and Easements, by reference thereto are incorporated herein and attached hereto as Exhibit "A".

PORT020530

Administrative Record Page No. 021304

IN WITNESS WHEREOF, The City of San Diego has caused this conveyance to be executed by its Mayor and City Clerk, pursuant to resolution of the Council authorizing such execution, this 14th day of February, 1963.

THE CITY OF SAN DIEGO

By _____
Mayor of said City

ATTEST:

_____
City Clerk of said City

PORT020531

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On this 14th day of February, 19 63, before me, the undersigned, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared CHARLES C. DAIL, known to me to be the Mayor, and PHILLIP ACKER, known to me to be the City Clerk of The City of San Diego, the municipal corporation that executed the within instrument, and known to me to be the persons who executed the within instrument on behalf of the municipal corporation therein named, and acknowledged to me that such municipal corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal; in the County of San Diego, State of California, the day and year in this certificate first above written.

Helen M. Willig
Notary Public in and for the County of San Diego, State of California
HELEN M. WILLIG

(SEAL)
My Commission Expires Sept. 11, 1966

FILE/PAGE NO. 28389
RECORDED REQUEST OF
FEB 15 11 42 AM '63
SERIES 4 BOOK 1963
OFFICIAL RECORDS
SAN DIEGO COUNTY, CALIF.
A. S. GRAY, RECORDER
NO FEE

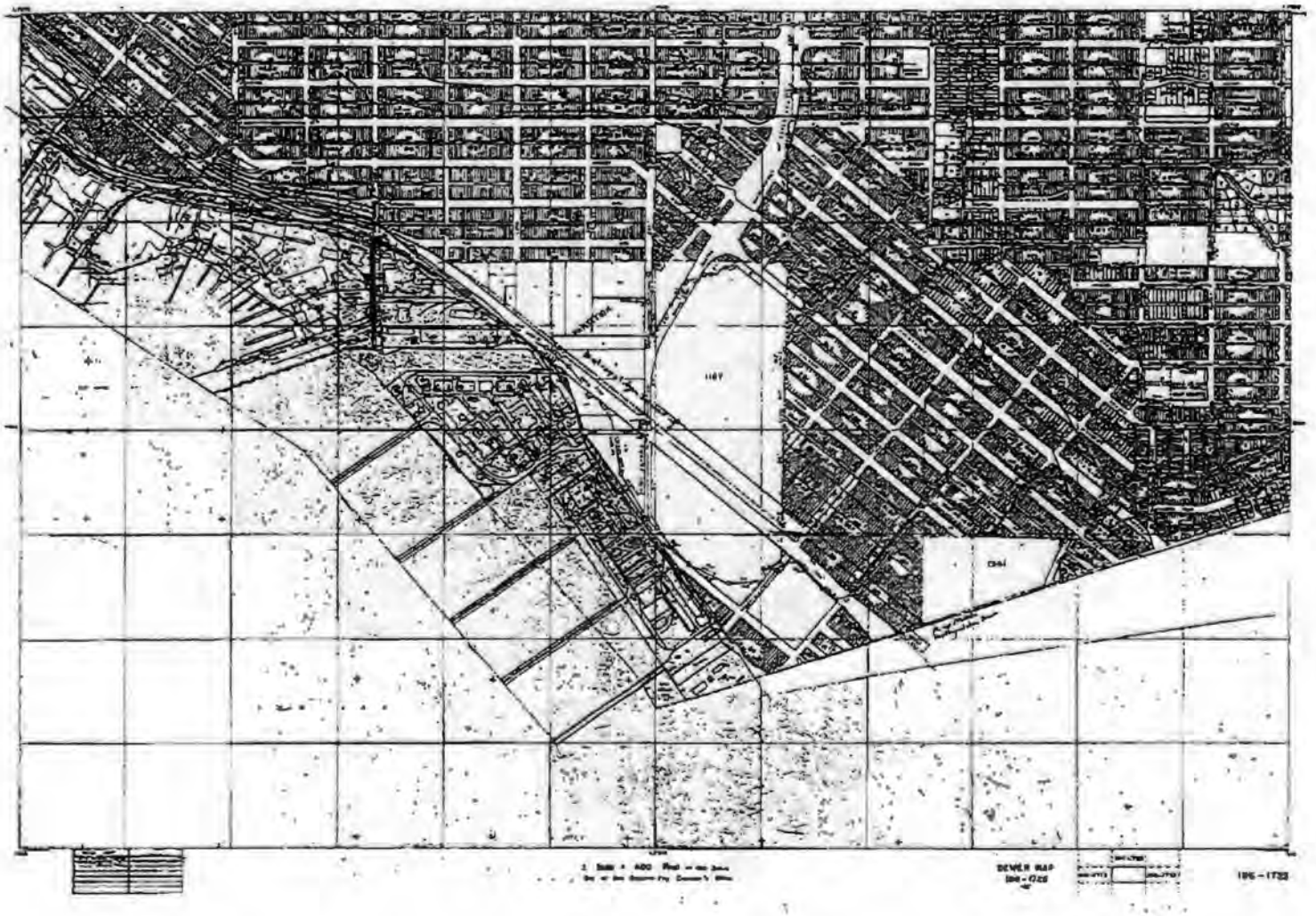
8
-8-

174199 FEB 14 1963

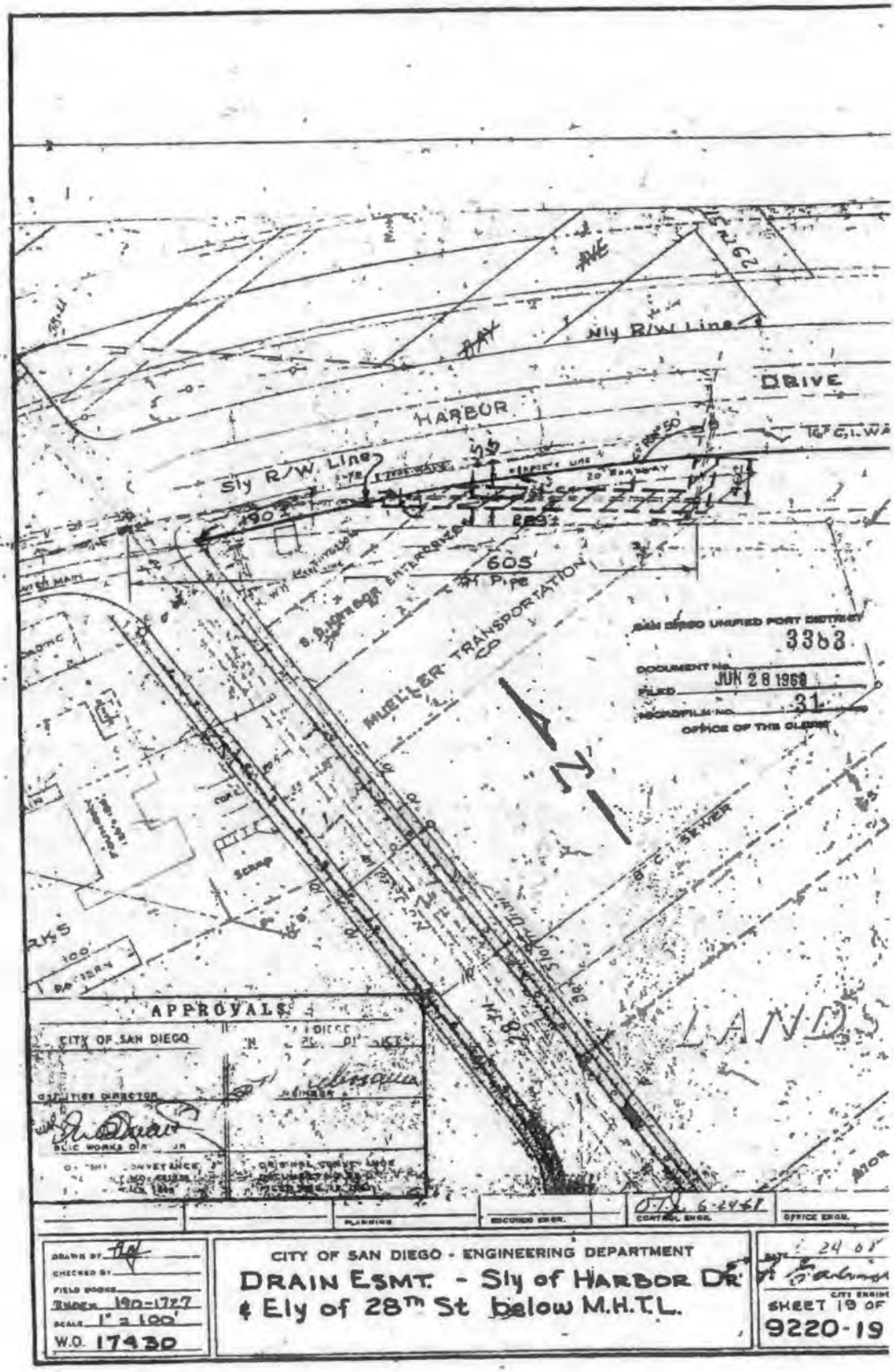
75

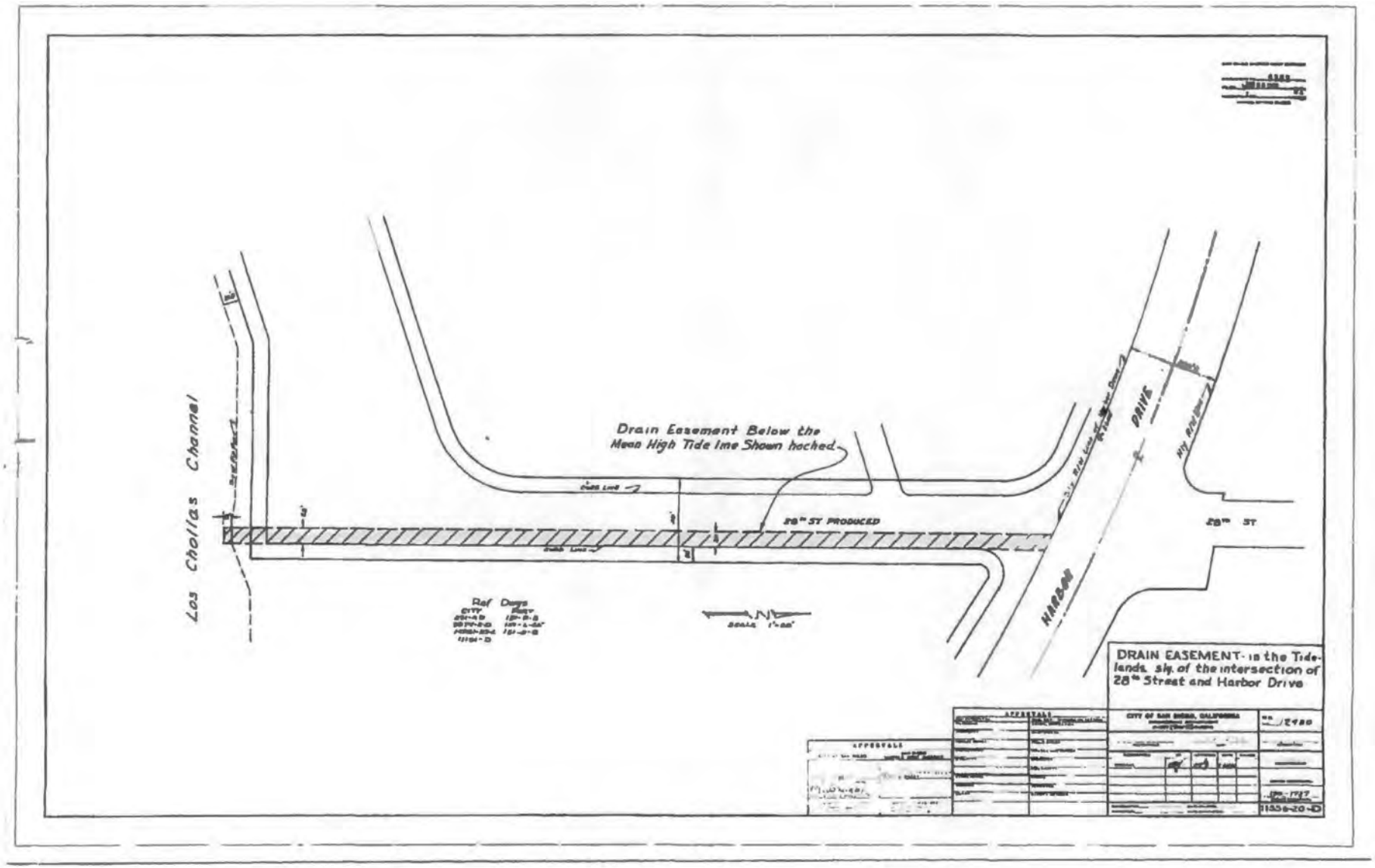
PORT020532

Attachment B



Attachment C




Los Chollas Channel
Drain Easement Below the Mean High Tide line Shown hached
28th ST PRODUCED
28th ST
HARBOR DRIVE
DRAIN EASEMENT- is the Tide-lands s'ly of the intersection of 28th Street and Harbor Drive

Administrative Record Page No. 021309

Attachment D

City of San Diego

REPORT FOR THE INVESTIGATION OF EXCEEDANCES OF THE SEDIMENT QUALITY OBJECTIVES AT NATIONAL STEEL AND SHIPBUILDING COMPANY SHIPYARD

July 15, 2004

Storm Water Pollution Prevention Program
1970 B Street, MS 27A
San Diego, CA 92102

SAR158787

City's records do not contain all storm drain system information from the beginning of the twentieth century. The only historical map available is from 1942 (Attachment 4) The storm drain system is shown as a 4 x 3.5 foot reinforced concrete box along the southerly side of Belt Street in this drawing.

A current storm drain system map is enclosed for your reference as Attachment 5. This map indicates that the City storm drain system enters the NASSCO leasehold at the foot to 28th Street and terminates at the southeasterly corner and discharges into Chollas Creek. This storm drain outfall is referred to as SW9 in NASSCO sediment report map prepared by Exponent, a private company, dated September 23, 2003 (Attachment 6). Our research did not validate the Exponent report that storm drain SW3 is part of the City of San Diego storm drain conveyance system.

Scaled figures delineating tenant boundaries are enclosed as Attachment 7 and entitled NASSCO Shipyard Tenant Information Parcel Animation Supplement. The maps start at with the first tenant on record through 1962. There is a map for every year that a change in boundaries was recorded. Included with each map is a table providing information on the business name, parcel size, business code and lease start and end dates. The Shipyard Business Code spreadsheet (Attachment 8) was developed for color coding of parcel types for viewing of these maps on the enclosed CD (Attachment 9). This CD has instructions on how to open and view the maps in any ArcView program.

3. Monitoring Data Analysis

In order to link sediment to wet weather one should rely on multiple lines of evidence and one of those lines of evidence is to look at gradients to see if a strong gradient signal indicates that sediments are moving out from or into the river channel. The data collected offshore as dry weight concentrations do not provide evidence of this gradient. Second we would expect to see some correlation in the chemistry collected in the urban runoff program monitored samples (wet and dry weather sampling) and the contaminants observed in the sediments.

Historical urban runoff monitoring data both wet and dry seasons suggest signals of copper, zinc, and diazinon in Chollas Creek. Therefore, if there is a link between offshore contaminant of sediments and creek inputs one might reasonably expect to find a gradient of contamination of offshore sediments of these contaminants. Review of the historical sediment monitoring data collected at offshore station locations shows no evidence of a gradient of contamination.

Monitoring data from the Co-Permittee monitoring program was reviewed for this analysis and included sediment samples collected upstream in Chollas Creek and at the mouth of Chollas Creek in San Diego Bay from 1996 to 2000, wet weather data from the mass loading station in Chollas Creek from 1996 to 2004, dry weather data within the Chollas Creek watershed areas MS4 system from 2002 to 2003 (Table 1 and Table 2).

SDR158701

Water Boards

California Regional Water Quality Control Board, San Diego Region

November 19, 2012

In reply refer to / attn:
T10000002642:Janderson

Mr. Gene Matsushita
Sr. Manager, Environmental Remediation
Lockheed Martin Enterprise Business Services
2950 North Hollywood Way, Suite 125
Burbank, CA 91505

Subject: Lockheed Request to Direct the San Diego Unified Port District to Participate in the Investigation at the Marine Terminal and Railway

Mr. Matsushita:

Your letter dated June 18, 2012 requested that the San Diego Unified Port District (Port) be directed to participate in the investigation at the Lockheed Marine Terminal and Railway property. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) does not routinely add a property owner to an enforcement order as a matter of course unless the Board determines that the property owner had discharged, or caused or permitted a discharge of waste. In this case the Lockheed Martin Corporation, as the owner and operator of the Marine Terminal and Railway facility, and lessee of the property, is primarily responsible for any discharges of waste to soil, groundwater, and to bay sediment from its operation of the Marine Terminal and Railway facility. The Port, as the lessor, did not discharge or cause or permit the discharges of waste from the Marine Terminal and Railway facility to the environment. Therefore, the San Diego Water Board will not direct the Port to participate in the investigation at this property

You also requested that the San Diego Water Board investigate the 48-inch storm water outfall that drains into the Harbor Island East Basin (East Basin). At this time, the San Diego Water Board does not intend to require further investigation of the 48-inch storm drain and outfall. Other than the Tow Basin property, which has been cleaned up, the San Diego Water Board has no knowledge of any other contaminated properties that are or were connected to the 48-inch storm drain that could have contributed contaminated sediment to the East Basin.

In the subject line of any response, please include the reference number **T10000002642:Janderson**. For questions or comments, please contact Mr. John Anderson by phone at (858) 467-2975, or by email Janderson@waterboards ca gov

Respectfully,

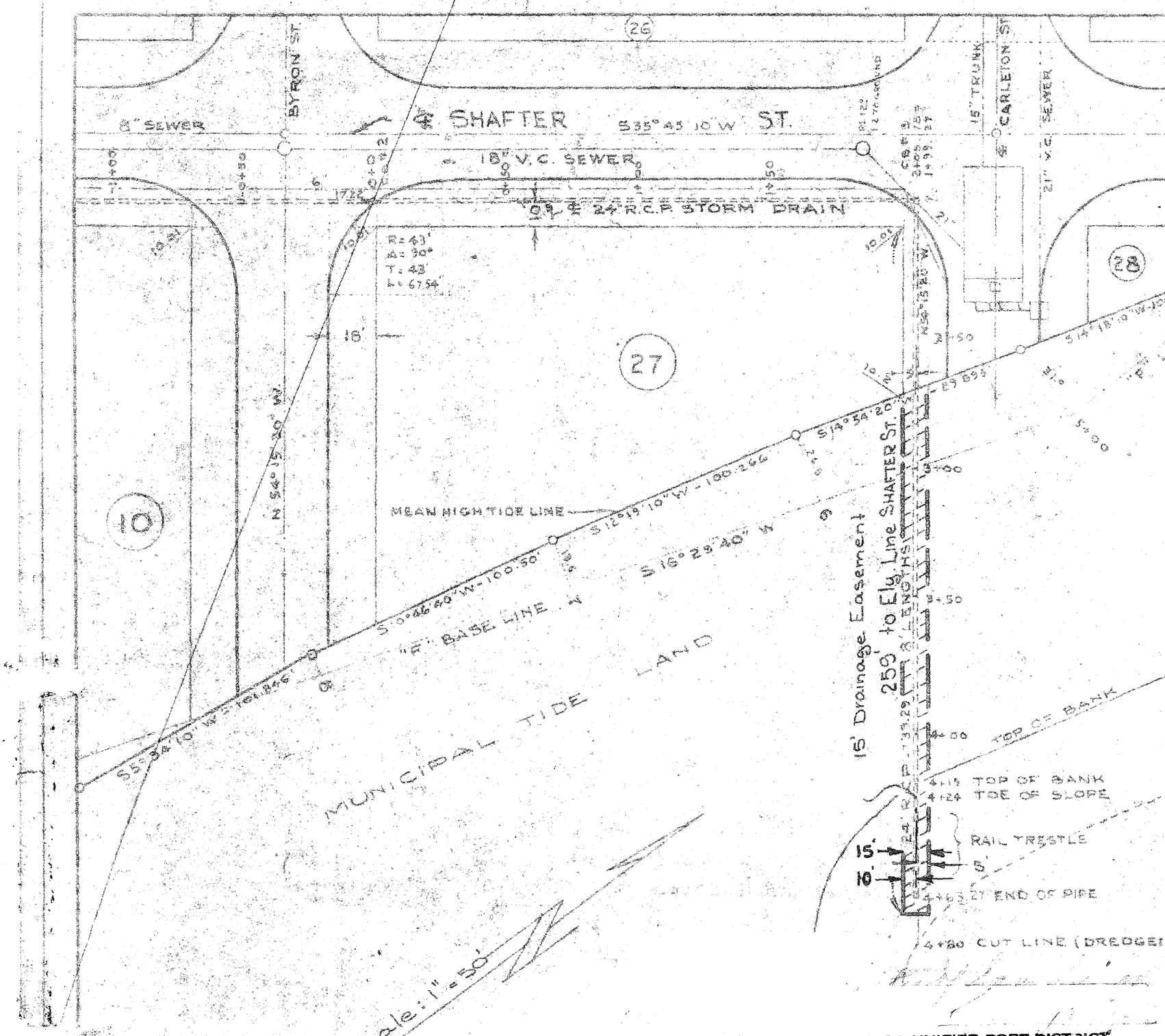
James G. Smith
Assistant Executive Officer

JGS jc jpa

cc via email:

Ms Kara Edewaard, Lockheed Martin, Kara.I.edewaard@lmco com
Mr Bill Hays, Port of San Diego, Bhays@portofsandiego.org
Ms. Karen Holman, Port of San Diego, Kholman@portofsandiego.org

Tech Staff Info & Use	
Order No	**R9-2011-002**
Geotracker Place ID	**T10000002642**



SAN DIEGO UNIFIED PORT DISTRICT

DOCUMENT NO. 3383

FILED JUN 28 1968

MICROFILM NO. 31

OFFICE OF THE CLERK

15' Drain Easement below M.H.T.L. shown hatched

		PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
				O.T.J. 6-24-68	

DRAWN BY J. A. [signature]
CHECKED BY
FIELD BOOKS 202-1699
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

DRAINAGE EASEMENT
Ext. Carleton St., below M.H.T.L.

TIDELANDS

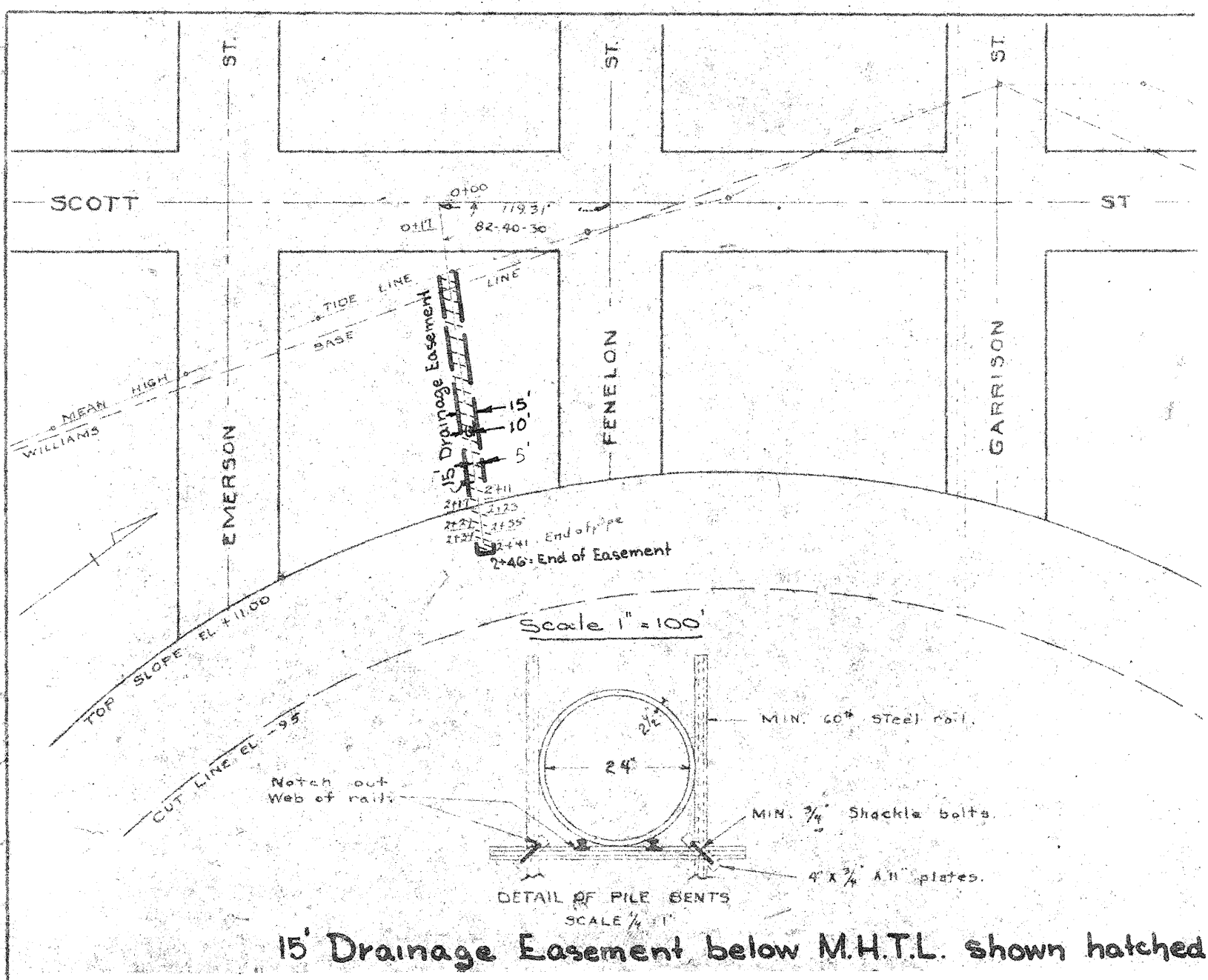
DATE 6/24/6[illegible]

[signature]
CITY ENGINEER

SHEET 1 OF
9220-1-

HARBOR NO. 220-MB

Administrative Record Page No. 021314



15' Drainage Easement below M.H.T.L. shown hatched

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT No.
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO

SAN DIEGO UNIFIED PORT DISTRICT

		PLANNING	RECORDS ENGR.	O.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY J.M.
CHECKED BY
FIELD BOOKS 204-1699
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

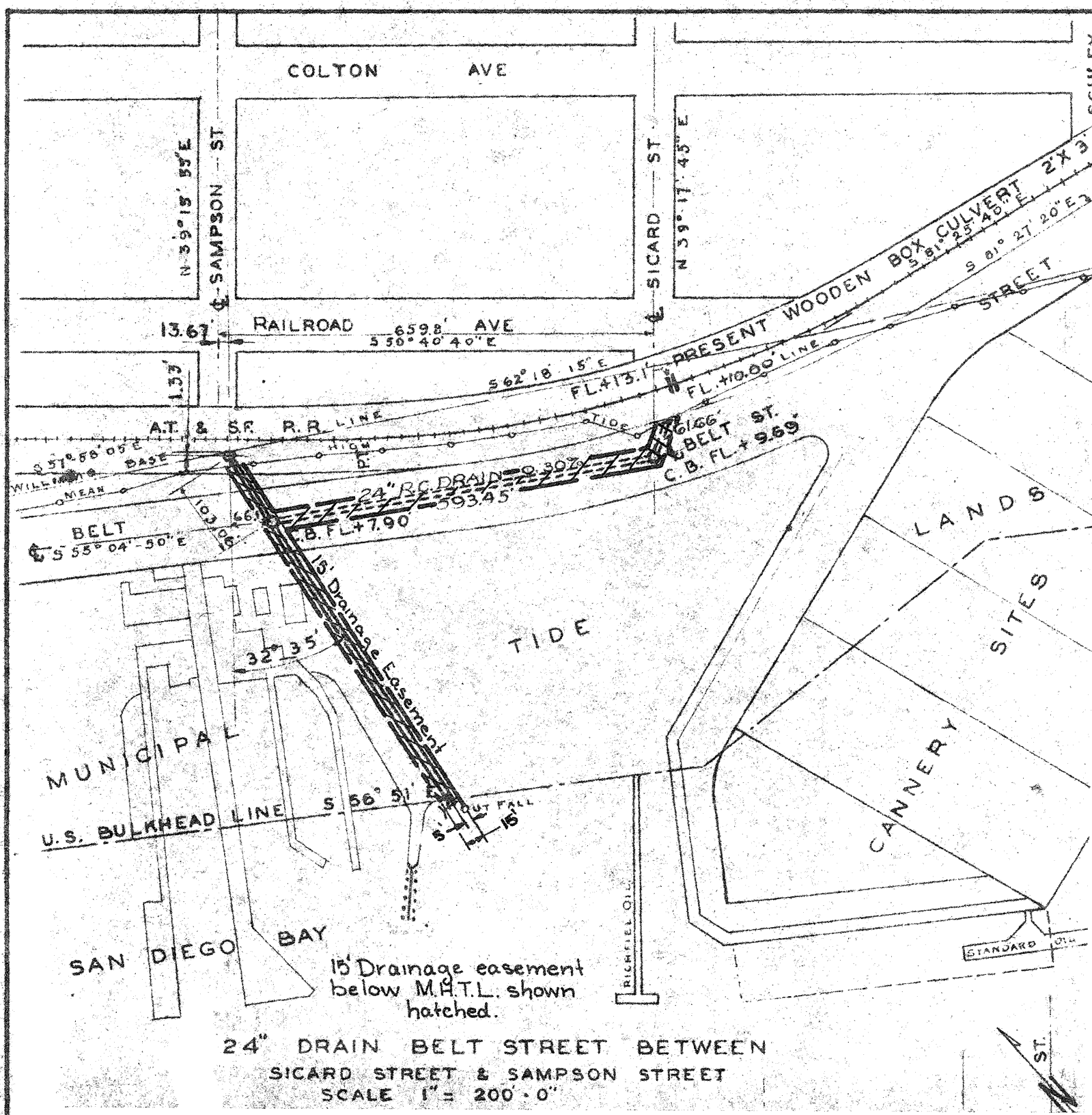
DRAINAGE EASEMENT
119Ft. South of Fenelon below M.H.T.L.

TIDELANDS

HARBOR No. 219-MB

DATE 6/24/68
T. Gabrielson
CITY ENGINEER

SHEET 2 OF 19
9220-2-B



APPROVALS

SAN DIEGO UNIFIED PORT DISTRICT

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT No.
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

		PLANNING	RECORDS ENGR	CONTROL ENGR	OFFICE ENGR
				O.T.J. 6-24-68	

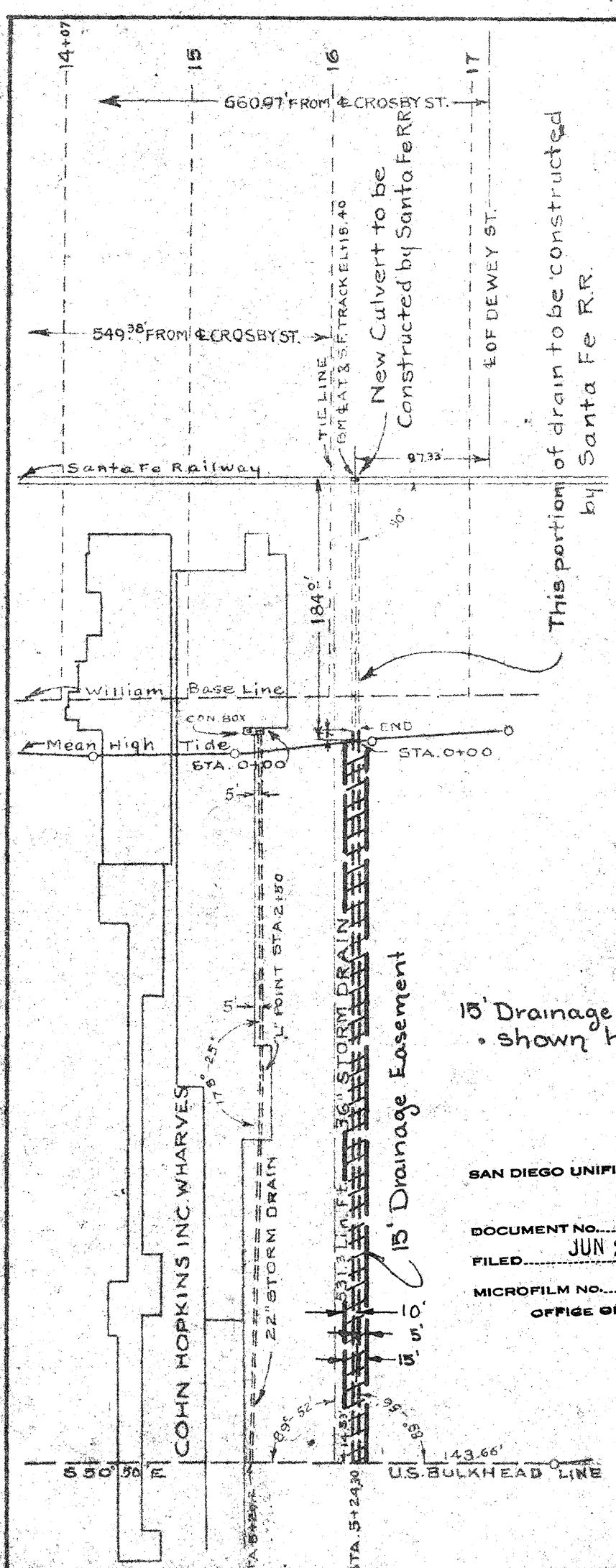
DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 192-1725
SCALE 1" = 200'
W.O. 17430

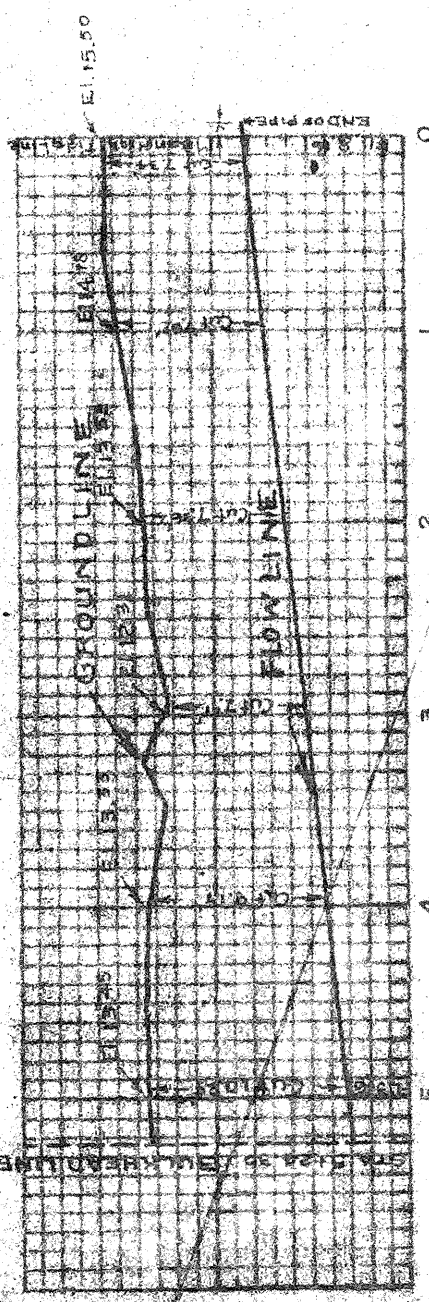
CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
DRAINAGE EASEMENT
S.Wly. of Sampson St. below M.H.T.L.
TIDELANDS

DATE 6/24/68
E. F. Gabriel
CITY ENGR
SHEET 3 OF
9220-3

HARBOR No 68MB

Administrative Record Page No. 021316





SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT NO.
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
FOR PUBLIC WORKS DIRECTOR	CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. [illegible] FILED [illegible]	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1968

PLANNING	RECORDS ENGR.	CONTROL ENGR. 6-24-68	OFFICE ENGR.

DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 192-1723
SCALE 1" = 100'
W.O. 17430.

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

DRAINAGE EASEMENT

S'ly of Dewey St. & E'ly of Crosby St.

TIDELANDS

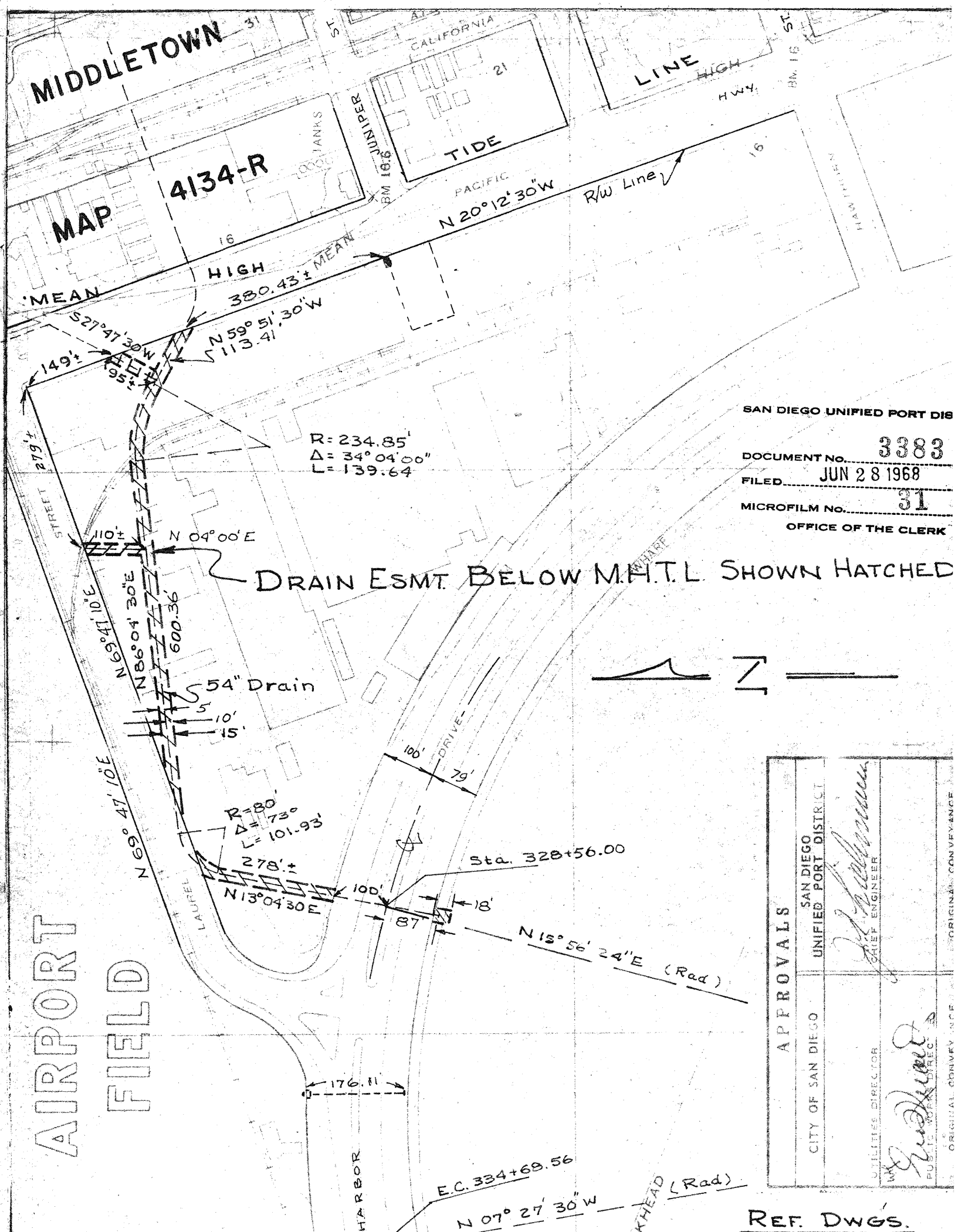
DATE 6-24-68

CITY ENGINEER

SHEET 4 OF 1[illegible]

9220-4-

HARBOR NO. 49MB



DRAWN BY O.T.J. 6-24-68

COORD. INDEX 204-1715

SCALE 1" = 200'

W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

DRAIN ESMTS below M.H.T.L. sly of Laural Street in Tidelands.

TIDELANDS

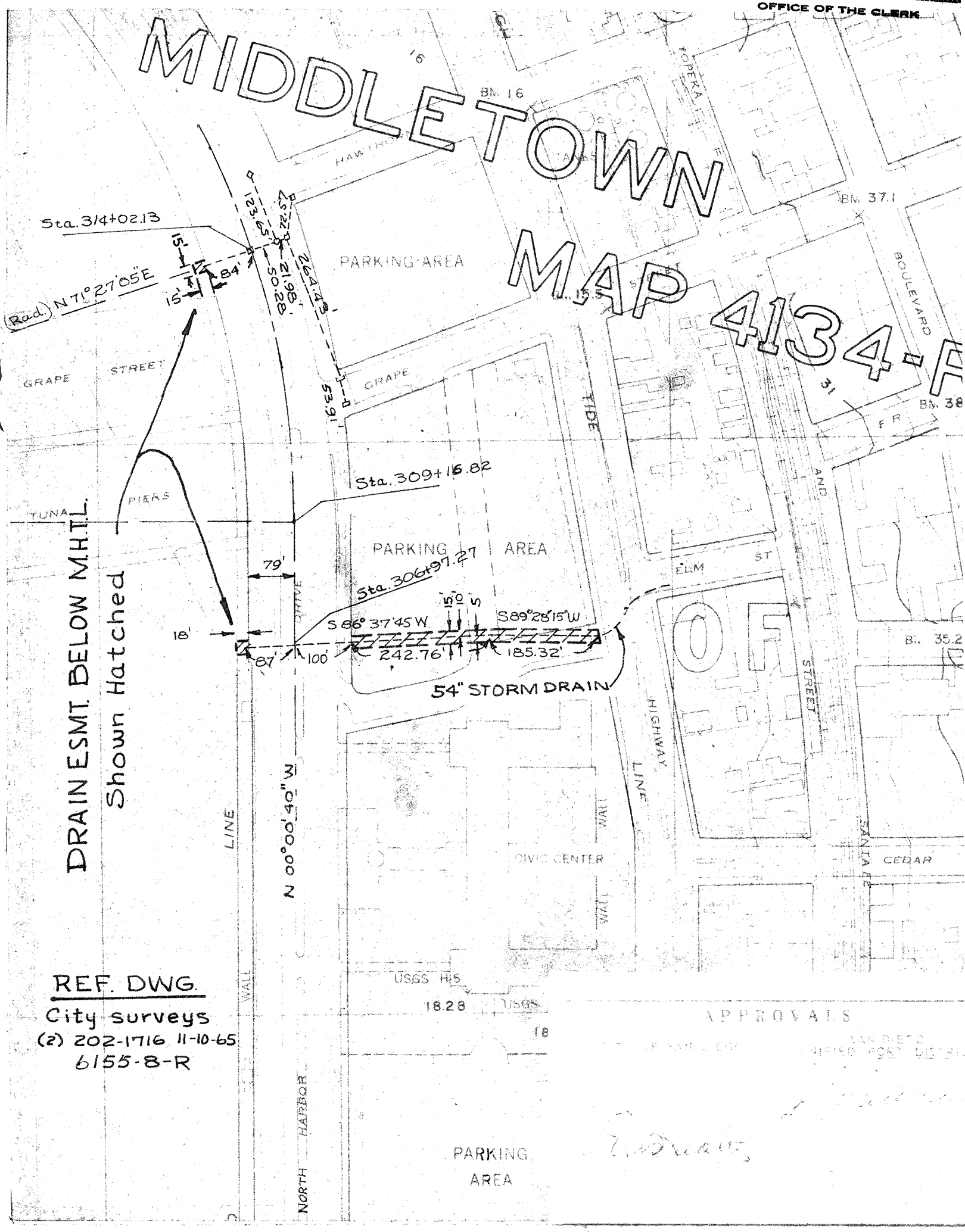
DATE 6-24-68

CITY ENGINEER

SHEET 5 OF 19

9220-5-1

SAN DIEGO UNIFIED PORT DISTRIC
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



REF. DWG.
City surveys
(2) 202-1716 11-10-65
6155-8-R

O.T.J. 6-24-68

INDEX 202-1716
1" = 200'
17430

DRAIN ESM'T. in Tidelands wly of Pacific Hwy nly of Cedar St. & sly of Hawthorn St.

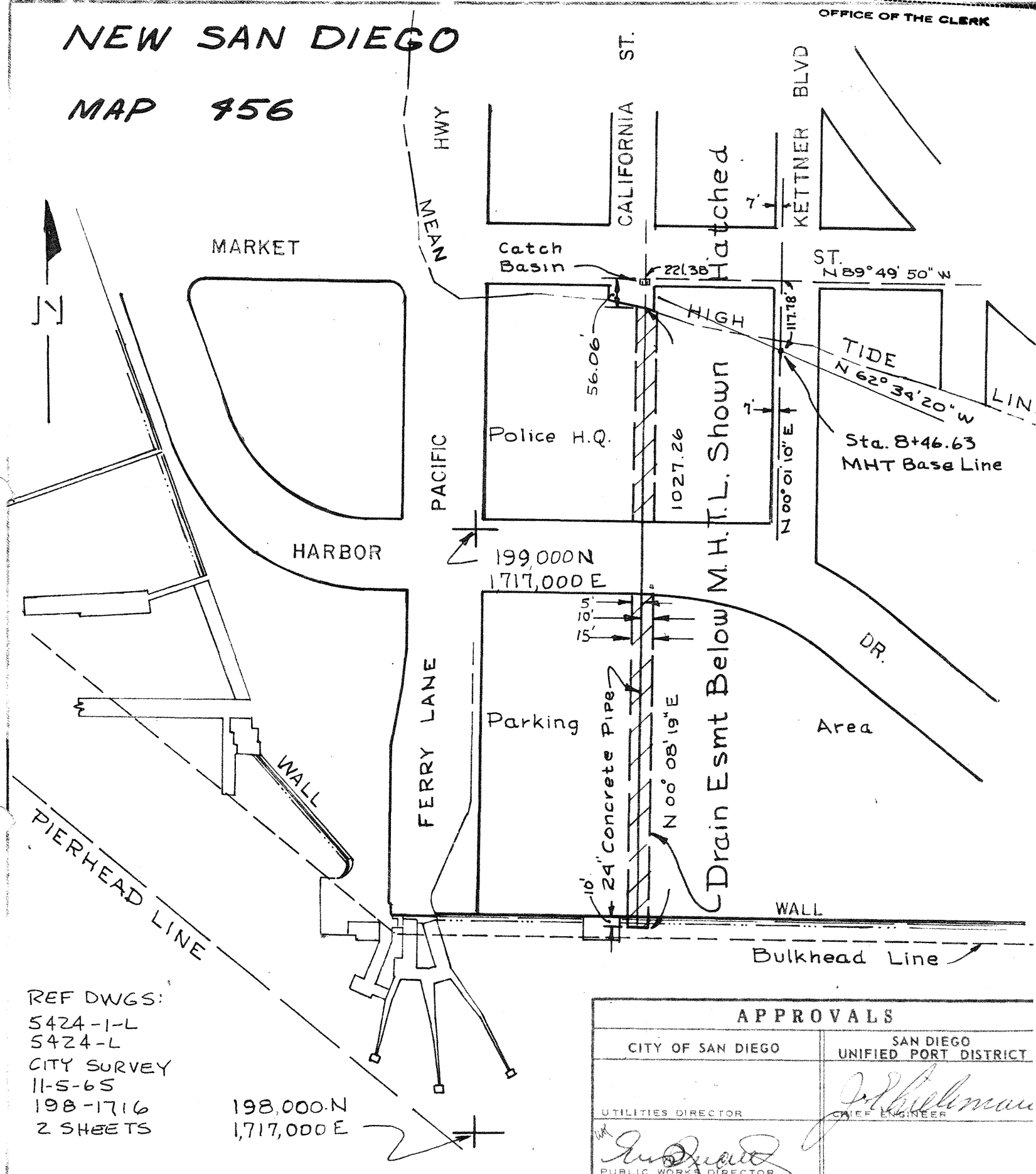
TIDELANDS

SHEET 6 OF 1
9220-6-

Administrative Record Page No. 021319

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

NEW SAN DIEGO MAP 456



REF DWGS:
5424-1-L
5424-L
CITY SURVEY
11-5-65
198-1716
2 SHEETS

198,000.N
1,717,000 E

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

OFD. 6-24-68

PLANNING | RECORDS ENGR. | CONTROL ENGR. | OFFICE ENGR.

DRAWN BY BCF
CHECKED BY
Coord Index 198-1717
SCALE 1" = 200'
W.O. 17430

CITY OF SAN DIEGO ENGINEERING DEPARTMENT

Drain Esmt. - in California St. Extended Below M. H. T. L.

TIDELANDS

DATE 6-24-68

SHEET 7 OF 19

9220-7-

istrative Record Page No. 021320

SAN DIEGO UNIFIED PORT DI
DOCUMENT NO. 338
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

SEE SHEET 11556-12-D FOR ESMT.

RUNWAY

UNICIPAL AIRPORT

15'
5'
10'

N 01°13'45" E 497.76'

LINDBERGH FIELD

RUNWAY

N

15' DRAIN ESMT. BELOW M.H.T.L. SHOWN HATCHED

TAXIWAY

N 35°09'15" W 559.64'

42" DRAIN PIPE

N 39°48'15" W 243.50'

N 5°18'15" W 238.86'

MUNICIPAL AIRPORT

LINDBERGH FIELD

TANK

TAXIWAY

AREA

HARBOR

100'

STA. 333+65.10

DRIVE

86.79

17.79'

7.79'

HARD

MUNICIPAL SEAPLANE LANDING

663

WALL

TAXIWAY

REF. DWG.
City Survey 204-1713,
206-1713 Oct. 28, 1965

SAN DIEGO UNIFIED PORT DISTRICT

CITY OF SAN DIEGO

O.T.J. Ref. 6-24-68

INDEX 204-1713
1" = 200'
17430

DRAIN ESMT. in Lindberg Field
w'ly of Laurel Street

SHEET 8 O
9220-

TIDELANDS

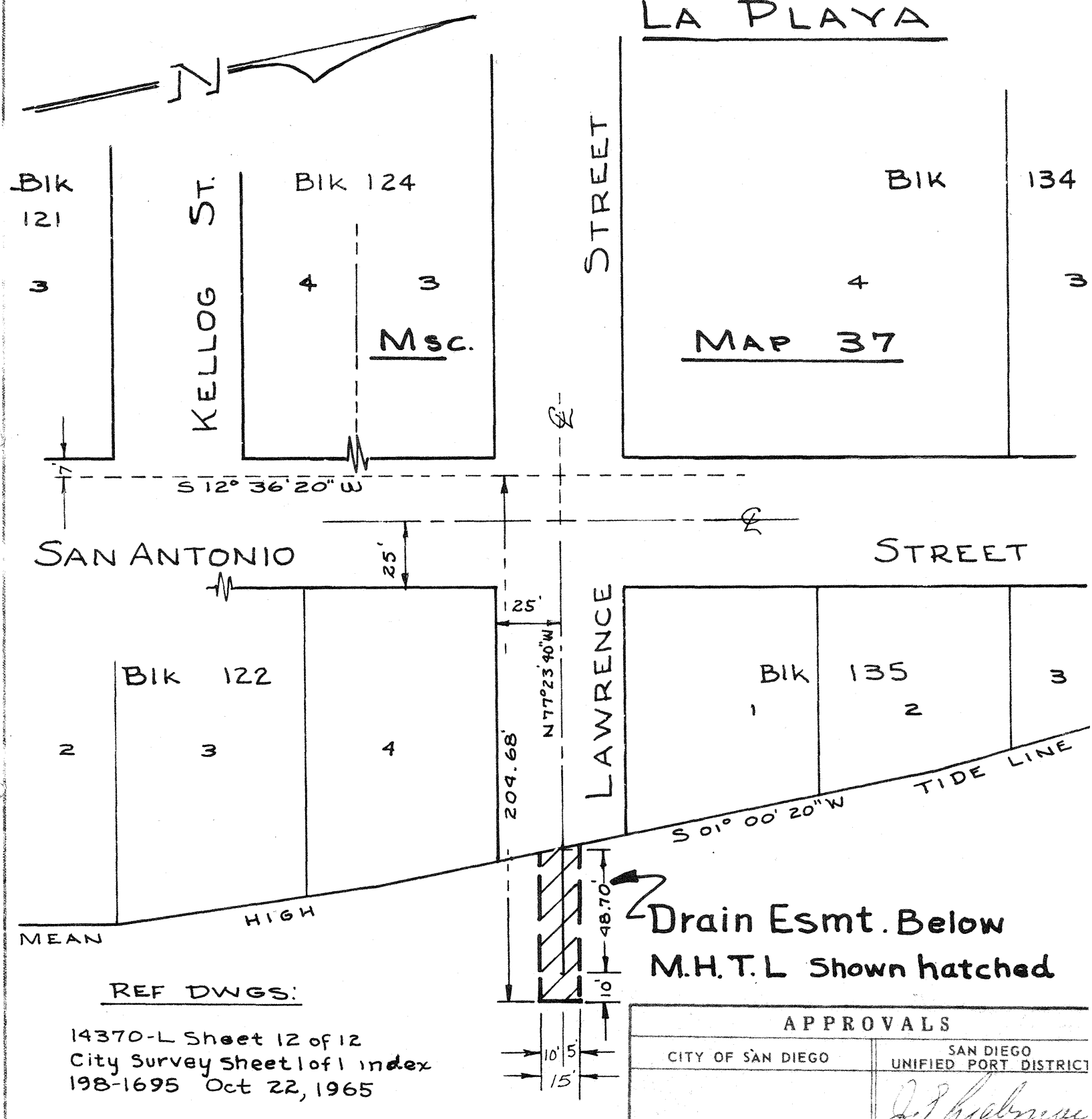
SAN DIEGO UNIFIED PORT DISTRI

DOCUMENT NO. 3383

FILED JUN 28 1968

MICROFILM NO. 31

OFFICE OF THE CLERK



REF DWGS:

14370-L Sheet 12 of 12
City Survey Sheet 1 of 1 index
198-1695 Oct 22, 1965

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

		PLANNING	RECORDS ENGR	CONTROL ENGR. 6-24-68	OFFICE ENGR.

DRAWN BY RCT
CHECKED BY
INDEX 198-1695
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

Drain Esmt. Ely. of LAWRENCE STREET termination, below M.H.T.L.

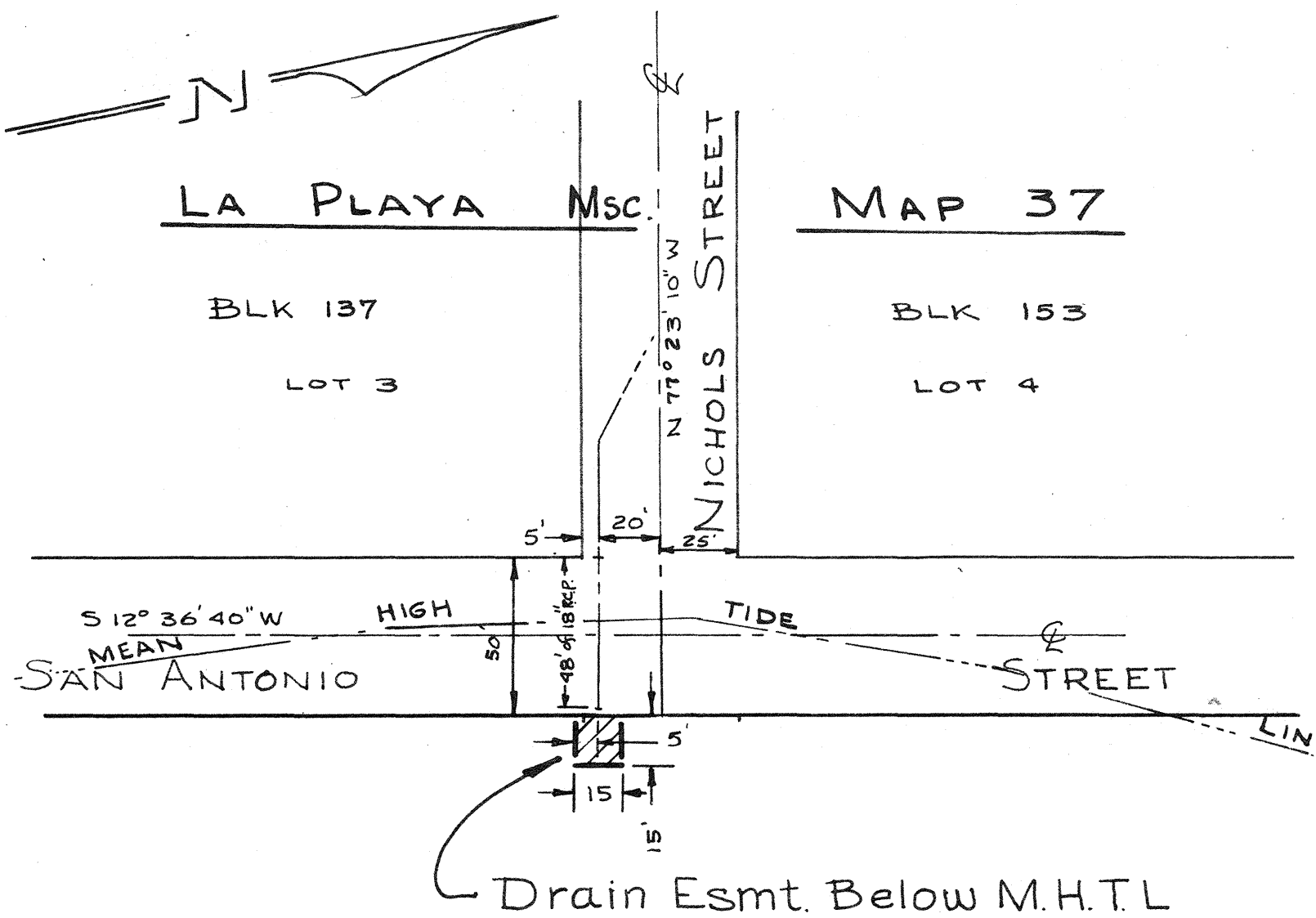
TIDELANDS

DATE

SHEET 9 OF 1

9220-9-

SAN DIEGO UNIFIED PORT DI
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



Drain Esmt. Below M.H.T.L
Show hatched

Ref Dwgs:

5657-D
14307-L Sh. 12 of 12

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

PLANNING	RECORDS ENGR	CONTROL ENGR.	OFFICE ENGR.
		O.J. 6-24-68	

DRAWN BY
CHKD
INDEX 198-1695
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

Drain Esmt Ely of the intersection of Nichols & San Antonio St's in tidelands

DATE
CITY ENGINEER

SHEET 10 OF 19
9220-10-E

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

Channel

54" Drain

See detail below

U S. MARINE CORPS BASE

HENDERSON Ave (Private)

BOUNDARY LINE

2988.35' City Survey electro tape Oct 29, 1965

BOUNDARY LINE
N 74° 00' W 3950.18' Per 8952-1-B
3948.08 Per City Survey Oct 29 1965 Electro Tape (208-17

EXISTING RUNWAY

TAXI

S 06° 59' 28" W

LINDBERGH FIELD
SCALE 1" = 400'

APPROVALS

SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER

CITY OF SAN DIEGO
UTILITIES DIRECTOR
PUBLIC WORKS DIRECTOR

ORIGINAL CONVEYANCE

ORIGINAL CONVEYANCE

Drain Esmt.

Fd. Conc. mono'

54" Drain

51.31'

5'

N 74° 00' 00" W 271.77'

47.61'

S 83° 03' 50" E 315.44'

S 06° 59' 28" W

DETAIL
SCALE 1" = 50'

Ref. Dwgs:
Dept of Navy Dwg 624858 Sh
City 8952-1-B, City SURVEY O
54" Drain Oct 29, 1965 INDEX -
208-1707 Sh 1 of 1

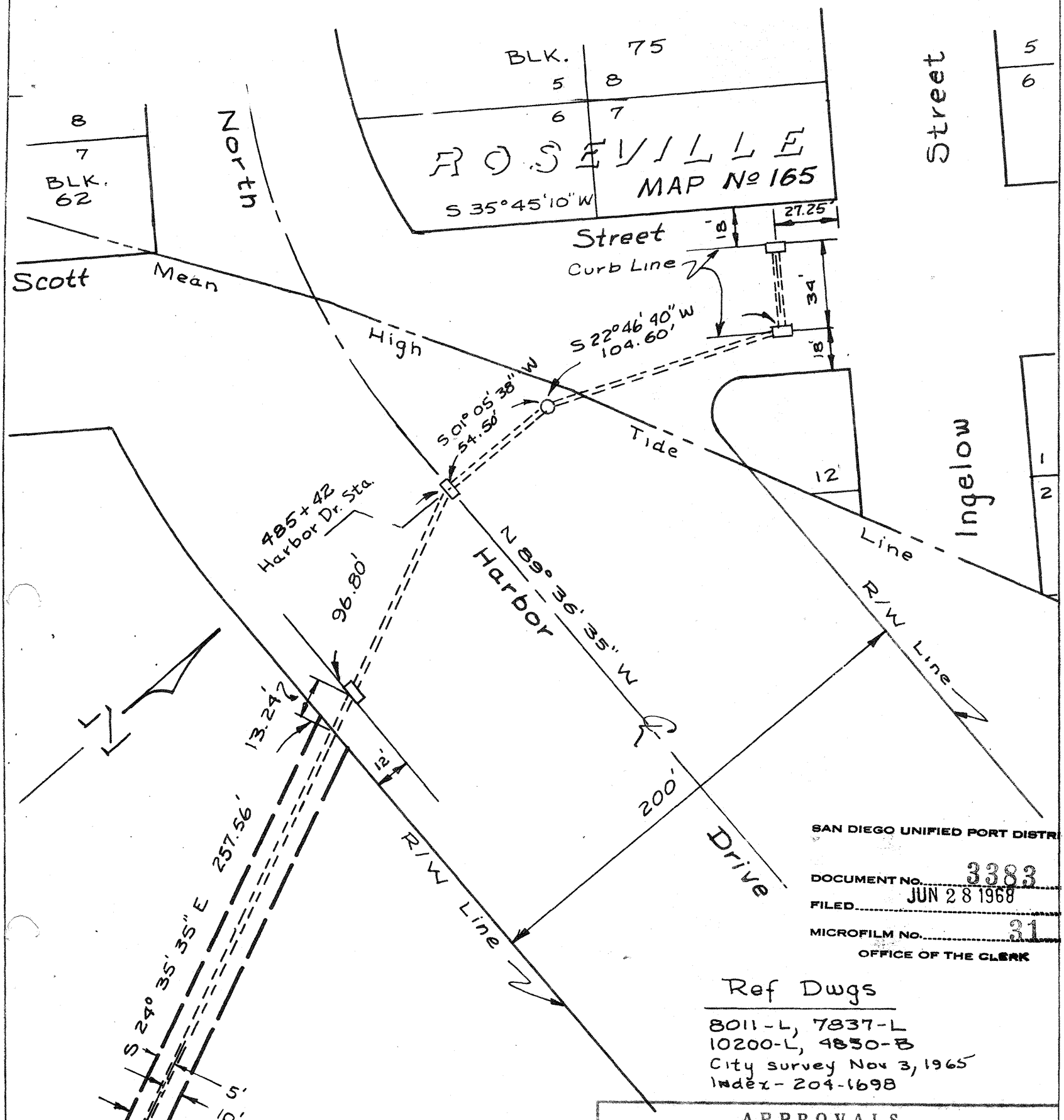
PLANNING	RECORDS ENGR	CITY 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY
CHECKED BY
C. INDEX 208-1707
SCALE As Noted
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
Drain Esmt. in tidelands of Lindbergh Field at N'wly. end of runway
TIDELANDS

DATE 6-24-68
CITY ENGINEER
SHEET 11 OF 19
9220-11-E

Administrative Record Page No. 021324



SAN DIEGO UNIFIED PORT DISTRICT

DOCUMENT NO. 3383

FILED JUN 28 1968

MICROFILM NO. 31

OFFICE OF THE CLERK

Ref Dwgs

8011-L, 7837-L
10200-L, 4850-B
City survey Nov 3, 1965
Index - 204-1698

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		CTJ 6-24-68	

DRAWN BY Ref
CHECKED BY
INDEX: 204-1699
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

Drain Esmt. S'ly of the intersection of North Harbor Dr & Scott Street in Tideland

TIDELANDS

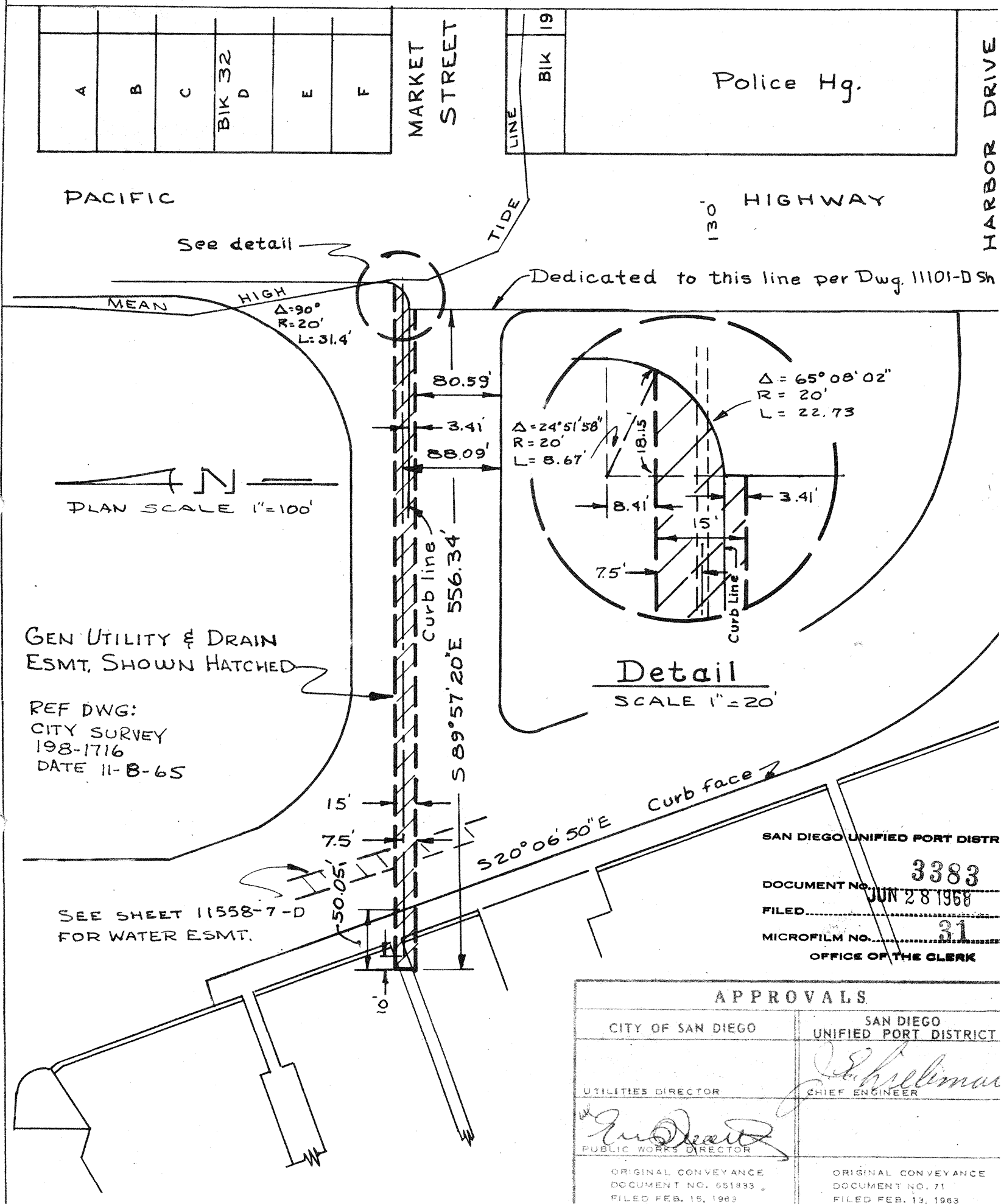
DATE 6-24-68

CITY ENGINEER

SHEET 12 OF 19

9220-12-B

Administrative Record Page No. 021325



SAN DIEGO UNIFIED PORT DISTR

DOCUMENT NO. 3383

FILED JUN 28 1968

MICROFILM NO. 31

OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651838 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

		PLANNING	RECORDS ENGR.	O.T. J 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY

CHECKED BY

INDEX 198-1715

SCALE AS NOTED

W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

GEN. UTILITY & DRAIN ESMT. – Wly of the intersection of Pacific Hwy. & Market Street, in TIDELANDS

DATE 6-26-68

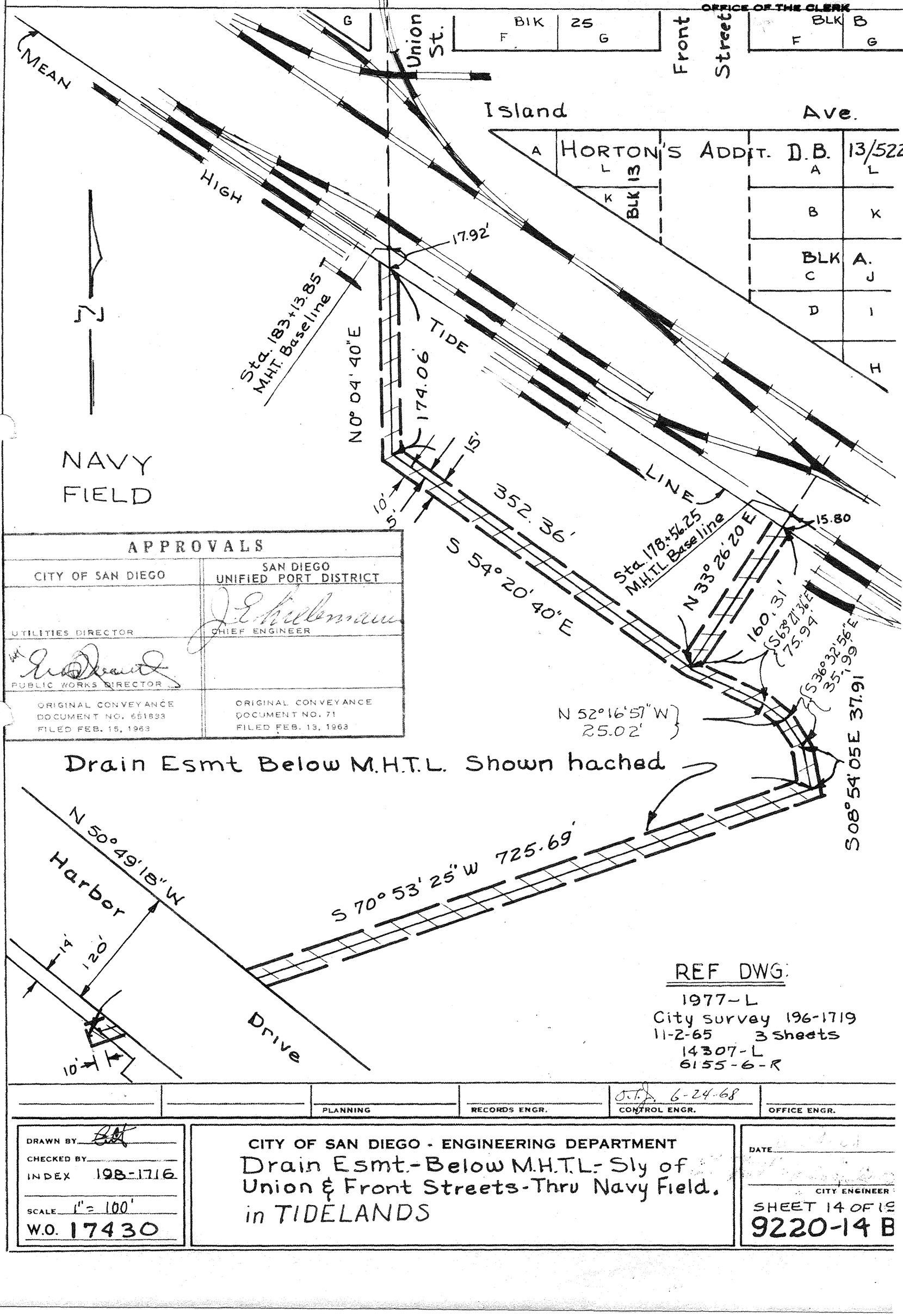
CITY ENGINEER

SHEET 13 OF 19

9220-13-B

Administrative Record Page No. 021326

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651893 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

REF DWG:
1977-L
City survey 196-1719
11-2-65 3 Sheets
14307-L
6155-6-R

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		O.T.A. 6-24-68	

DRAWN BY
CHECKED BY
INDEX 198-1716
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
Drain Esmt.-Below M.H.T.L.-Sly of Union & Front Streets-Thru Navy Field. in TIDELANDS

DATE
CITY ENGINEER
SHEET 14 OF 19
9220-14 B

Administrative Record Page No. 021327

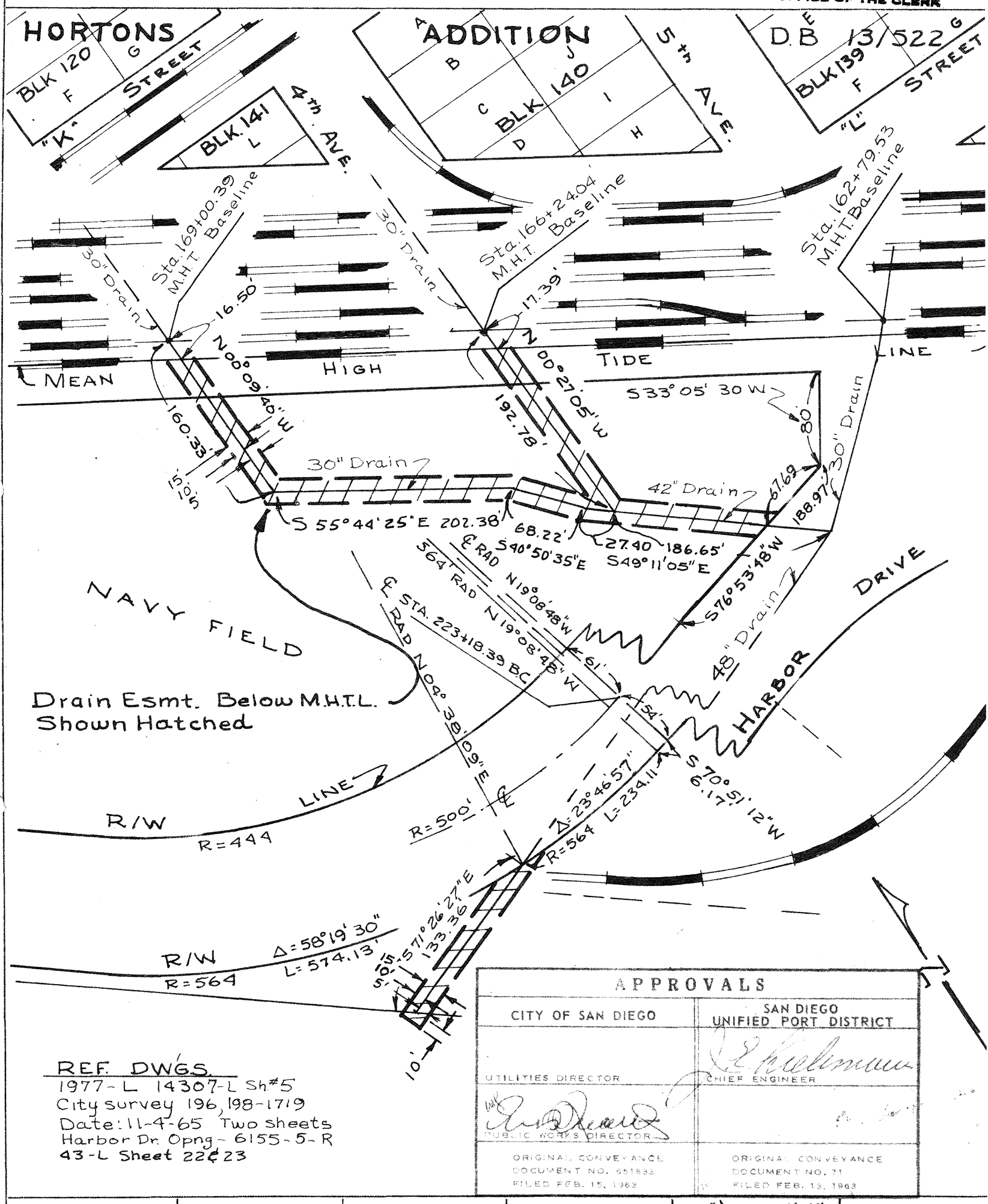
SAN DIEGO UNIFIED PORT DISTRICT

DOCUMENT NO. 3383

FILED JUN 28 1968

MICROFILM NO. 31

OFFICE OF THE CLERK



REF. DWGS.
1977-L 14307-L Sh#5
City survey 196, 198-1719
Date: 11-4-65 Two sheets
Harbor Dr. Opng - 6155-5-R
43-L Sheet 22 & 23

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 951835 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		O.T. 6-24-68	

DRAWN BY
CHECKED BY
FIELD BOOKS
INDEX 196-1719
SCALE 1"= 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

Drain Esmts Below M.H.T.L. Sly. of 3RD & 4Th Streets. & Sly. of Harbor Drive, in Tidelands

DATE 6-21-68

CITY ENGINEER

SHEET 15 OF 19

9220-15-B

Administrative Record Page No. 021328

LINDBERGH FIELD

100'

54'

N 86° 26' 10" W

Sta. 403+50
℄ Harbor Dr.

Sta. 396+50
℄ Harbor Dr.

℄

54'

NORTH HARBOR DRIVE

100'

General Utility Esmt Resol. 189562 2-14-67

S 2° 42' 40" W 143.00'

15'
10'
5'

S 3° 04' 40" W 111.00'

5'
10'
15'

10'

10'

Drain Esmt. Below M.H.T.L.
Shown Hatched

SAN DIEGO UNIFIED PORT DIST

DOCUMENT No. 3383

FILED JUN 28 1968

MICROFILM No. 31

OFFICE OF THE CLERK

Ref Dwg's
6155-9-R
City survey 204-1707 Oct. 29, 1965

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 691833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1968

		PLANNING	RECORDS ENGR.	CONTROL ENGR. 6-24-68	OFFICE ENGR.

DRAWN BY
CHECKED BY
FIELD BOOKS
INDEX 204-1707
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

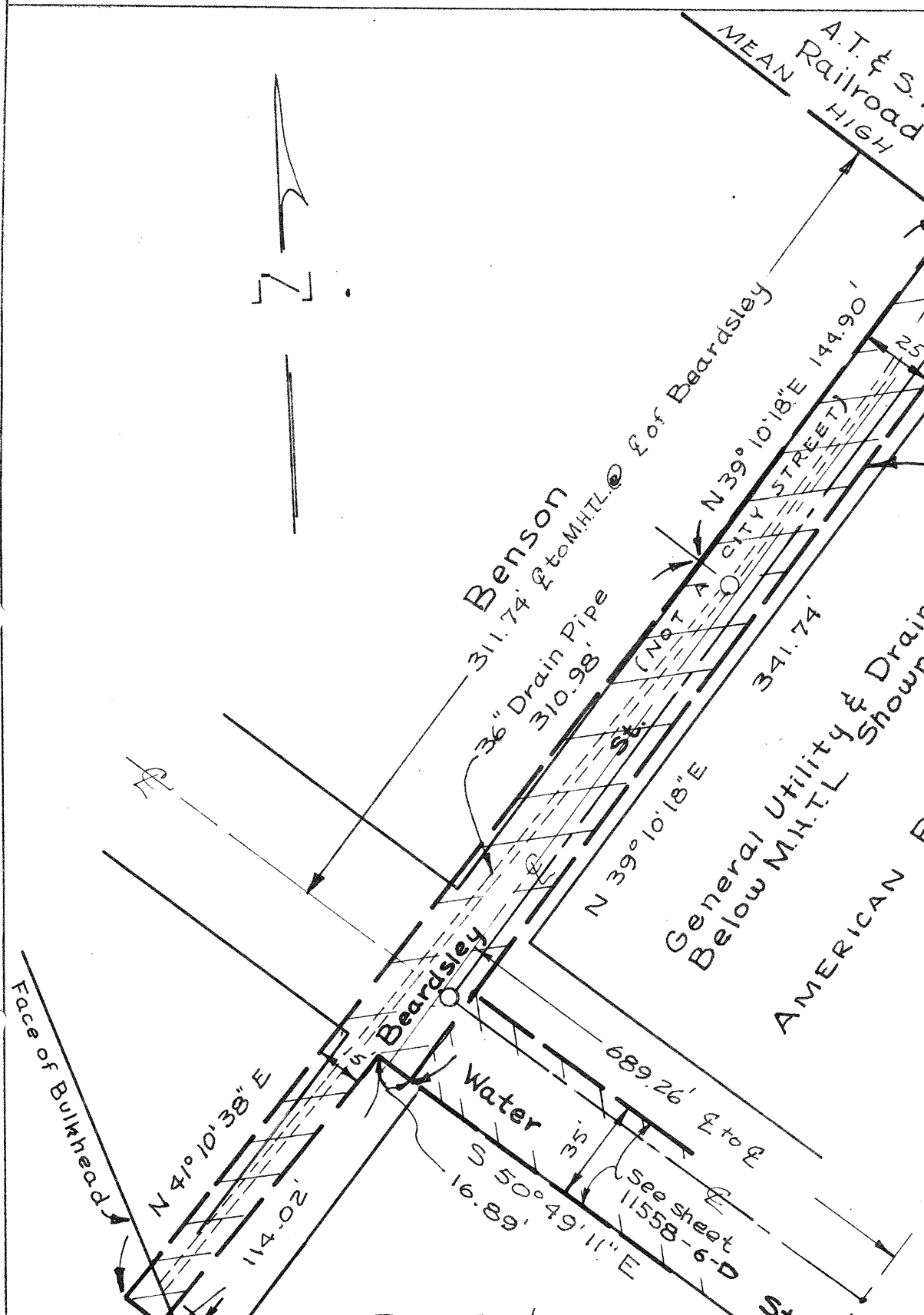
Drain Esmt. Below M.H.T.L Sly of Lindbergh Field in Tidelands

DATE 6-24-68

CITY ENGINEER

SHEET 16 OF 19

9220-16-E



SAN DIEGO UNIFIED PORT DI

DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS

SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 71

CITY OF SAN DIEGO
UTILITIES DIRECTOR / PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 65183

		PLANNING	RECORDS ENGR.	CONTROL ENGR. O.T.J. 6-24-68	OFFICE ENGR.

DRAWN BY
CHECKED BY
FIELD BOOKS 194-1721
SCALE 1" = 50
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

General Utility & Drain Esmt. in Tidelands swly. of Beardsly St. & Harbor Dr. Below M.H.T.L.

DATE
CITY ENGINEER
SHEET 17 OF 19
9220-17-B

REF 206-D-2 HARBOR

Administrative Record Page No. 021330

ESMTS BELOW M.H.T.L. SHOWN HATCHED

SAN DIEGO BAY

BULKHEAD LINE

R/W LINE

N 00° 00' 40" E

DRIVE

R/W LINE

ADMIN.

CENTER

R.O.S. 6194

Sta. 303+06.50

Sta. 304+00.60

15'
5'
3'
S 89° 16' 40" W
13'

75'
90'

Sta. 298+22.08

15'
5'
3'
S 89° 44' 40" W
13'

U. S.

Sta. 295+43.52

15'
5'
3'
S 88° 26' 40" W
13'

Sta. 294+41.42

NORTH HARBOR DRIVE

COUNTY

ASH STREET

SAN DIEGO UNIFIED PORT DISTRIC

DOCUMENT NO. 3383

FILED JUN 2 8 1968

MICROFILM NO. 31

OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO
UTILITIES DIRECTOR

CITY OF SAN DIEGO
PUBLIC WORKS DIRECTOR

SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER

ORIGINAL CONVEYANCE

ORIGINAL CONVEYANCE

REF: DWGS

40-L Sheets 4 & 5
6155- R
City survey 202-1716
11-10-65

		PLANNING	RECORDS ENGR.	CONTROL ENGR. 6-24-68	OFFICE ENGR.

DRAWN BY
CHECKED BY
FIELD BOOKS
INDEX 202-1716
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

Drain Esmts Wly. of North Harbor Drive & Nly. of Ash St. in Tidelands

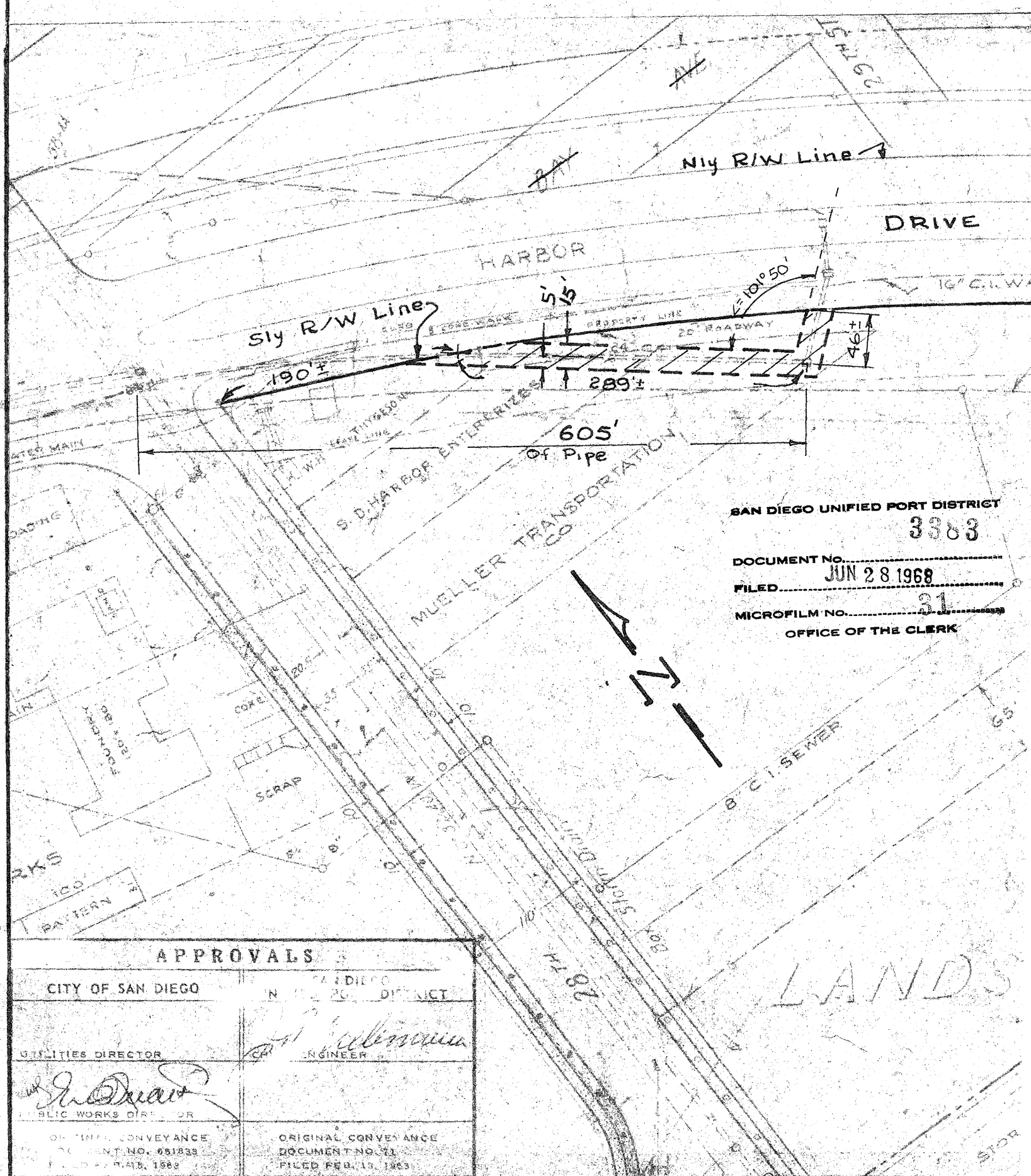
DATE

CITY ENGINEER

SHEET 18 OF 19

9220-18-E

Administrative Record Page No. 021331



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

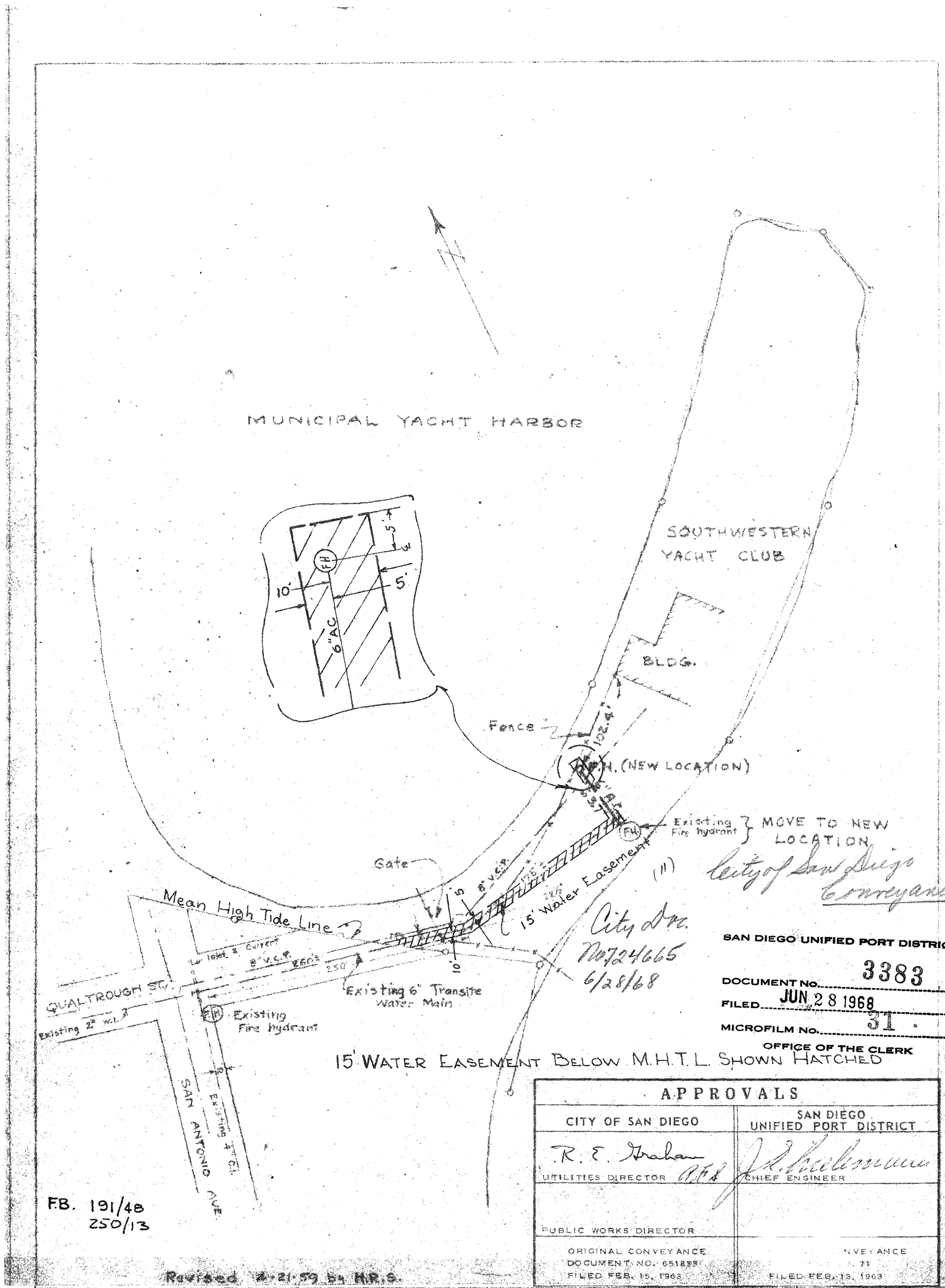
		PLANNING	RECORDS ENGR.	O.T.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY Ag
CHECKED BY
FIELD BOOKS
INDEX 190-1727
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

DRAIN ESMT. - Sly of HARBOR DR. & Ely of 28th St below M.H.T.L.

DATE 6-24-68
CITY ENGINEER
SHEET 19 OF
9220-19


MUNICIPAL YACHT HARBOR
SOUTHWESTERN YACHT CLUB
BLDG.
Fence
F.H. (NEW LOCATION)
Existing Fire hydrant
MOVE TO NEW LOCATION
Gate
8" V.C.P.
15' Water Easement
Mean High Tide Line
QUALTROUGH ST.
Existing 2" W.L.
Existing 6" Transite Water Main
Existing Fire hydrant
SAN ANTONIO AVE.
Existing 4" T.C.I.
10'
5'
6"AC
5'
10'
City Dr. No. 724665
6/28/68
City of San Diego Conveyance
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK
15' WATER EASEMENT BELOW M.H.T.L. SHOWN HATCHED
APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham
UTILITIES DIRECTOR
CHIEF ENGINEER
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 651835 FILED FEB. 15, 1963
CONVEYANCE FILED FEB. 13, 1963
F.B. 191/48
250/13
Revised 4-21-59 by M.R.S.
PLANNING
RECORDS ENGR.
O.K.J. 6-24-68
CONTROL ENGR.
OFFICE ENGR.
DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 200-1697
SCALE 1" = 100'
W.O. 17430
CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
WATER EASEMENT
Qualtrough St. below M.H.T.L.
TIDELANDS
DATE 6/24/68
CITY ENGINEER
SHEET 1 OF 11
9222-1-B
HARBOR No. 297-MB

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS
CITY OF SAN DIEGO
UTILITIES DIRECTOR R. E. Graham
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963
SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 1963

ROSECRANS ST.
FENELON ST.
GARRISON ST.
JEFFERSON ST.
SCOTT ST.
MAKE CONNECTION TO EXISTING 6" WATER MAIN
6" SLEEVE
6" GATE VALVE
NOTE
WATER DEPARTMENT
INSTALL 4" & 6" DIA. INCL. FIRE HYDRANT & TEE
HARBOR DEPT. TO INSTALL REMAINDER
MEAN HIGH TIDE LINE
21" VC SEWER
43
46
59
45
44
168'
20'
10'
77'
5'
15'
TIDELAND
PIER
BLDG.
ALIGN.
PLANNING
RECORDS ENGR
O.K. J. 6-24-68
CONTROL ENGR.
OFFICE ENGR.
DRAWN BY JA.
CHECKED BY
FIELD BOOKS 204-1699
SCALE 1" = 100'
W.O. 17430
CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
WATER EASEMENT
Ext. Fenelon St. below M.H.T.L.
TIDELANDS
DATE 6-24-68
E. J. Gardiner
CITY ENGINEER
SHEET 2 OF 11
9222-2-B
HARBOR No 237-MB

General Utility Easement below M.H.T.L. shown hatched.

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

JARVIS ST.
INGELOW ST.
SCOTT ST.
NORTH HARBOR DRIVE
1160 ST.
FENELON ST.
GARRISON ST.
Fin Grade 9.3'
Fin Grade 10.6'
Fin Grade 12.0'
Top Pipe 16.7
Depew Lease
Zachau Lease
30'
S.Wly. line Scott St. (Ref. 1101-B)
SEly. Prolongation of S.Ely. line of Garrison St.
10' Main
BAY OF SAN DIEGO

APPROVALS

CITY OF SAN DIEGO
UTILITIES DIRECTOR — R. E. Graham
PUBLIC WORKS DIRECTOR — ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963

SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER — ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

General Utility and Drain Easement shown hatched.

Sport Fishers Pier
Elevations Above M.L.L.W.
UT 44' Below Fin Grade.
NOTE: ——— Ct. A.C. Water Main to be Relocated

scale: 1" = 100'

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		O.T.J. 6-24-68	

DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 204-1699
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

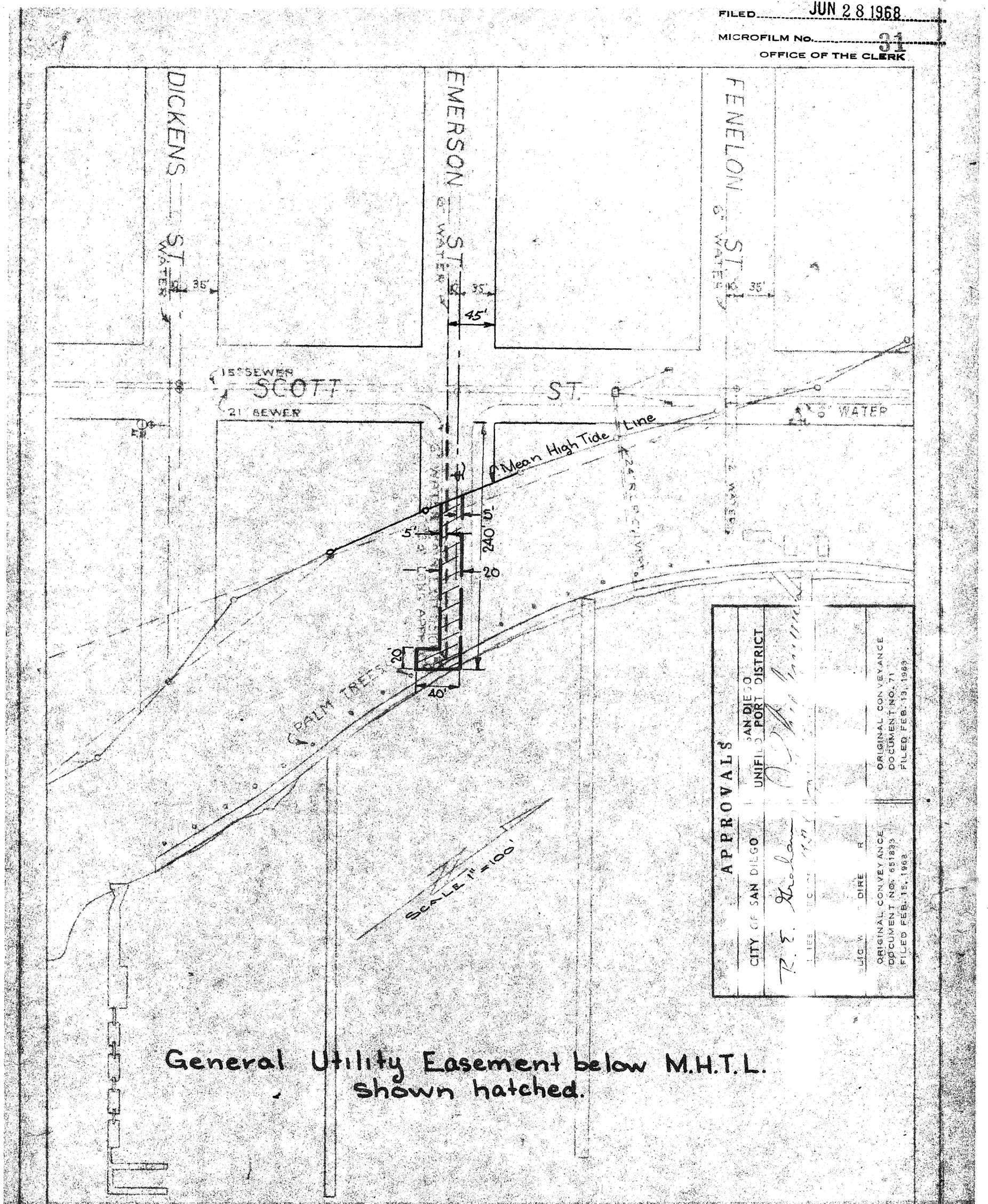
WATER EASEMENT
Ext. Garrison St. below M.H.T.L.

TIDELANDS

DATE 6-24-68
E. F. Gardiner
CITY ENGINEER
SHEET 3 OF 11
9222-3-B

HARBOR Nº 258-MB-1

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT No.
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



APPROVALS
CITY OF SAN DIEGO
R. S. Nolan
LIEUT. (C.E.) U.S.N.
DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 651839 FILED FEB. 15, 1968
SAN DIEGO UNIFIED PORT DISTRICT
ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 19, 1969

General Utility Easement below M.H.T.L. shown hatched.

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		O.T.J. 6-24-68	

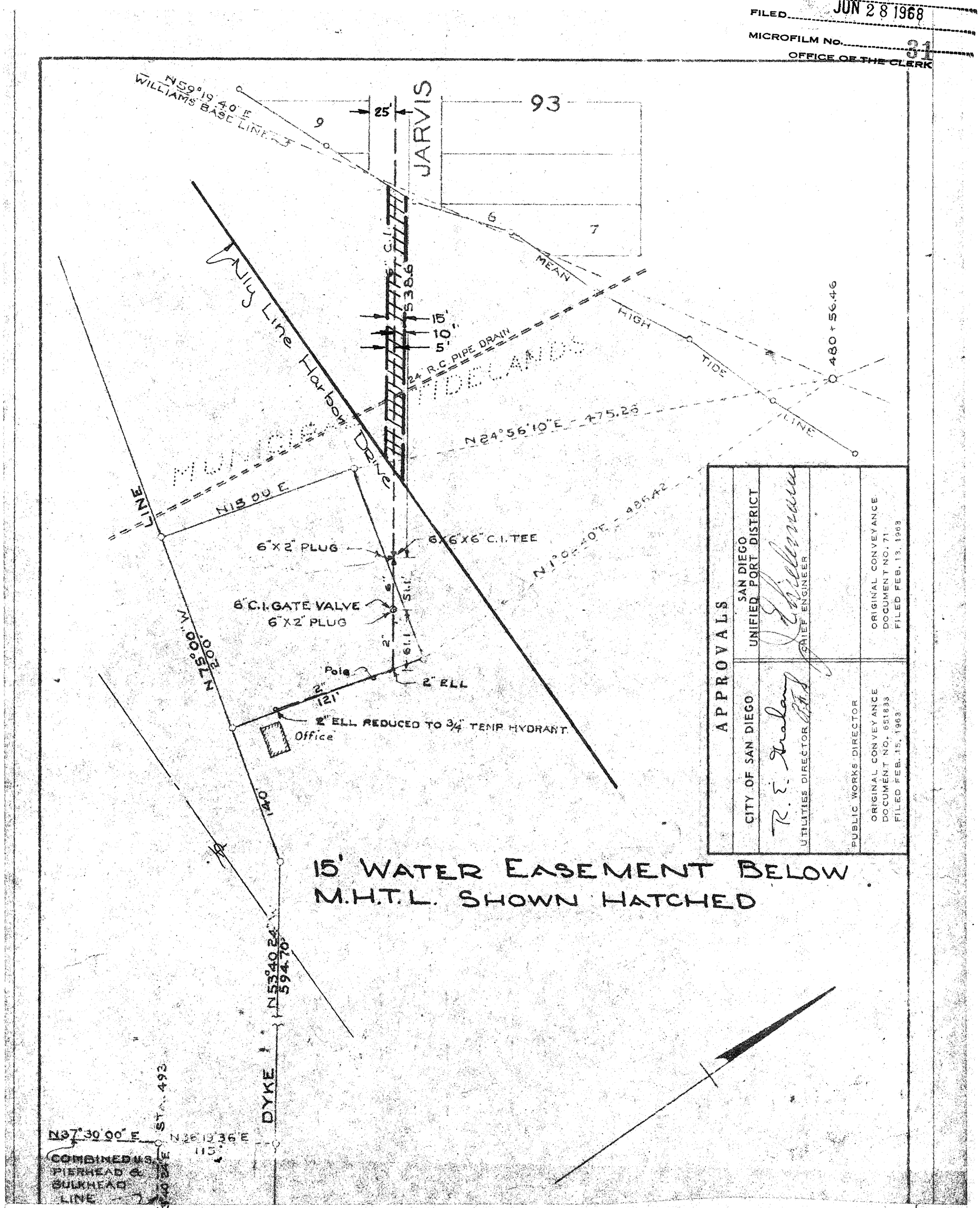
DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 202-1699
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
WATER EASEMENT
Ext. Emerson St. below M.H.T.L.
TIDELANDS

DATE 6-24-68
E. F. Gabrielson
CITY ENGINEER
SHEET 4 OF 11
9222-4-B

HARBOR No. 264-MB

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



APPROVALS		
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT	
UTILITIES DIRECTOR R.E. Graham	CHIEF ENGINEER E. A. Gillespie	
PUBLIC WORKS DIRECTOR		
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1969	

15' WATER EASEMENT BELOW M.H.T.L. SHOWN HATCHED

		PLANNING	RECORDS ENGR.	O.T.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

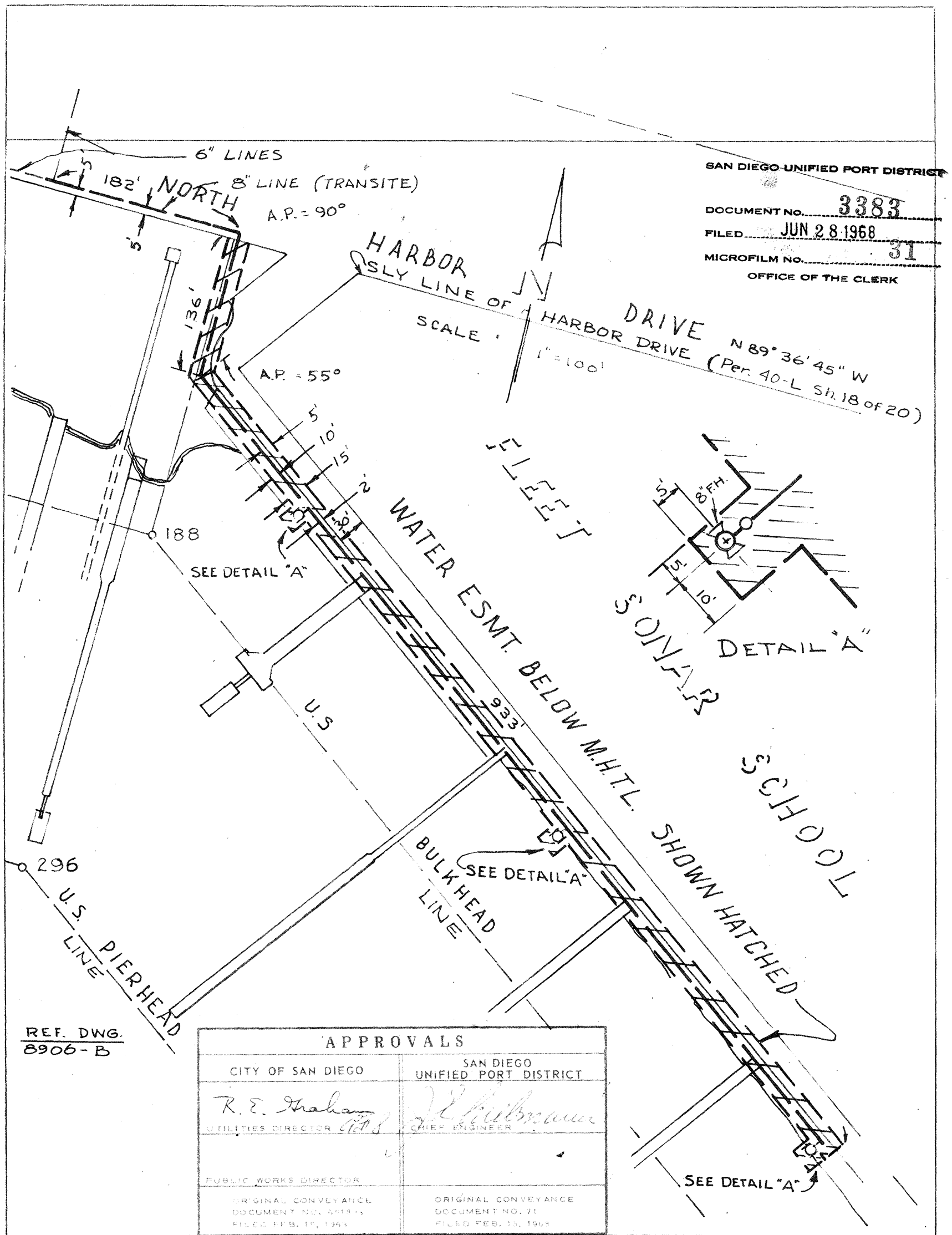
DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 204-1699
SCALE 1"=100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT
WATER EASEMENT
Ext. Jarvis Street
TIDELANDS

DATE 6-24-68
E. A. Gillespie
CITY ENGINEER
SHEET 5 OF 11
9222-5-B

HARBOR No. 139-MB

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



REF. DWG. 8906-B

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 68194 FILED FEB. 15, 1968	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1968

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		C.T.K. 6-24-68	

DRAWN BY R.C.J.
CHECKED BY
FIELD BOOKS
INDEX 204-1699
SCALE 1" = 100'
W.O. 17430

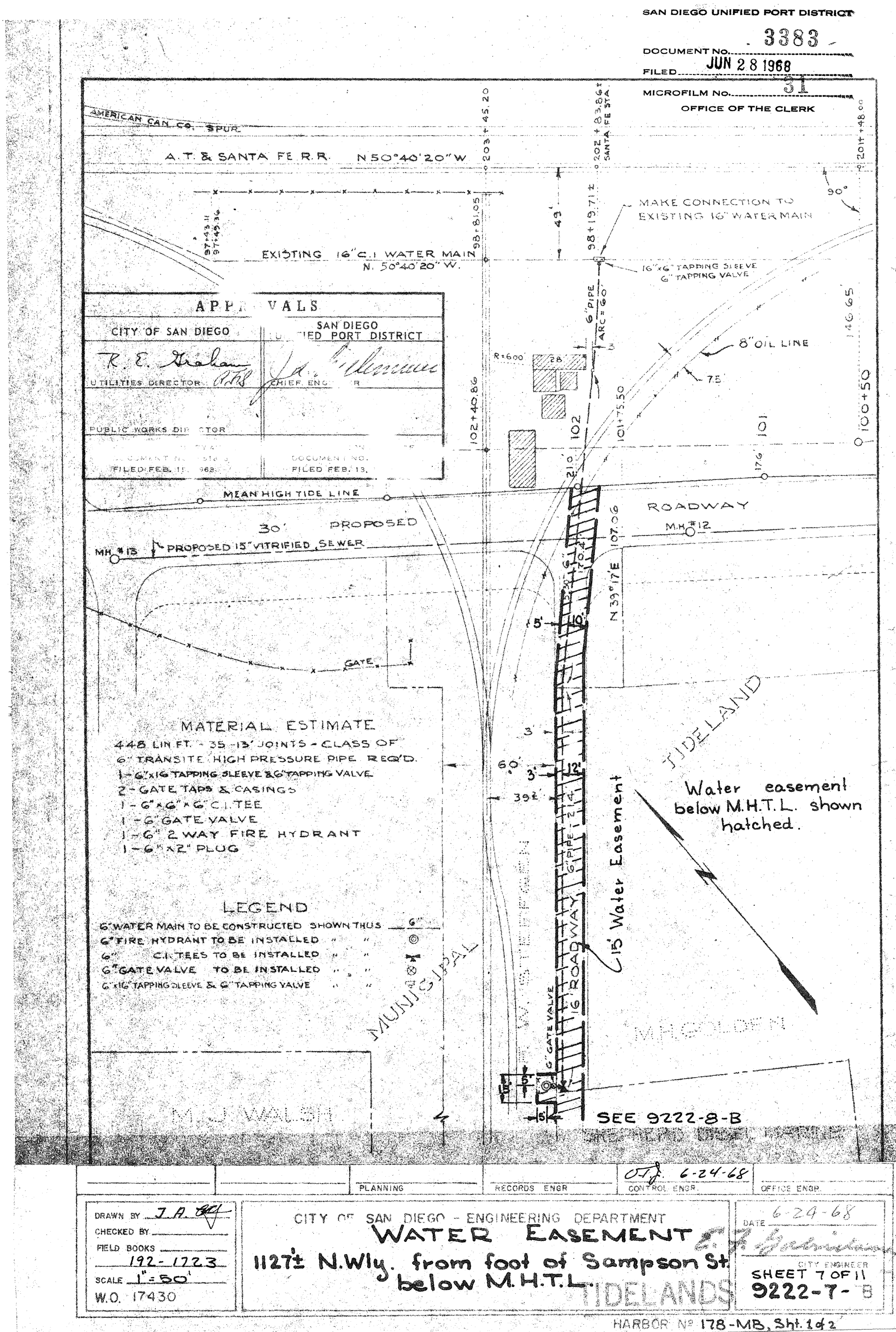
CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

WATER ESMT. - Approx. 1,150' ely of Scott St., sly of North Harbor Dr. & sly of Fleet Sonar School, below M.H.T.L.

DATE
CITY ENGINEER
SHEET 6 OF 11
9222-6-B

HARBOR Nº 292-MB

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham	J. F. Clemmens
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
DOCUMENT NO. 57869 FILED FEB. 15, 1968	DOCUMENT NO. FILED FEB. 13,

MATERIAL ESTIMATE

448 LIN FT. - 35 -13' JOINTS - CLASS OF 6" TRANSITE HIGH PRESSURE PIPE REQ'D.
1 - 6"x16 TAPPING SLEEVE & 6" TAPPING VALVE
2 - GATE TAPS & CASINGS
1 - 6"x6"x6" C.I. TEE
1 - 6" GATE VALVE
1 - 6" 2 WAY FIRE HYDRANT
1 - 6"x2" PLUG

LEGEND

6" WATER MAIN TO BE CONSTRUCTED SHOWN THUS 6"
6" FIRE HYDRANT TO BE INSTALLED " " ⊙
6" C.I. TEES TO BE INSTALLED " " ⊥
6" GATE VALVE TO BE INSTALLED " " ⋈
6"x16" TAPPING SLEEVE & 6" TAPPING VALVE " "

PLANNING		RECORDS ENGR	C.T.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 192-1723
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

WATER EASEMENT

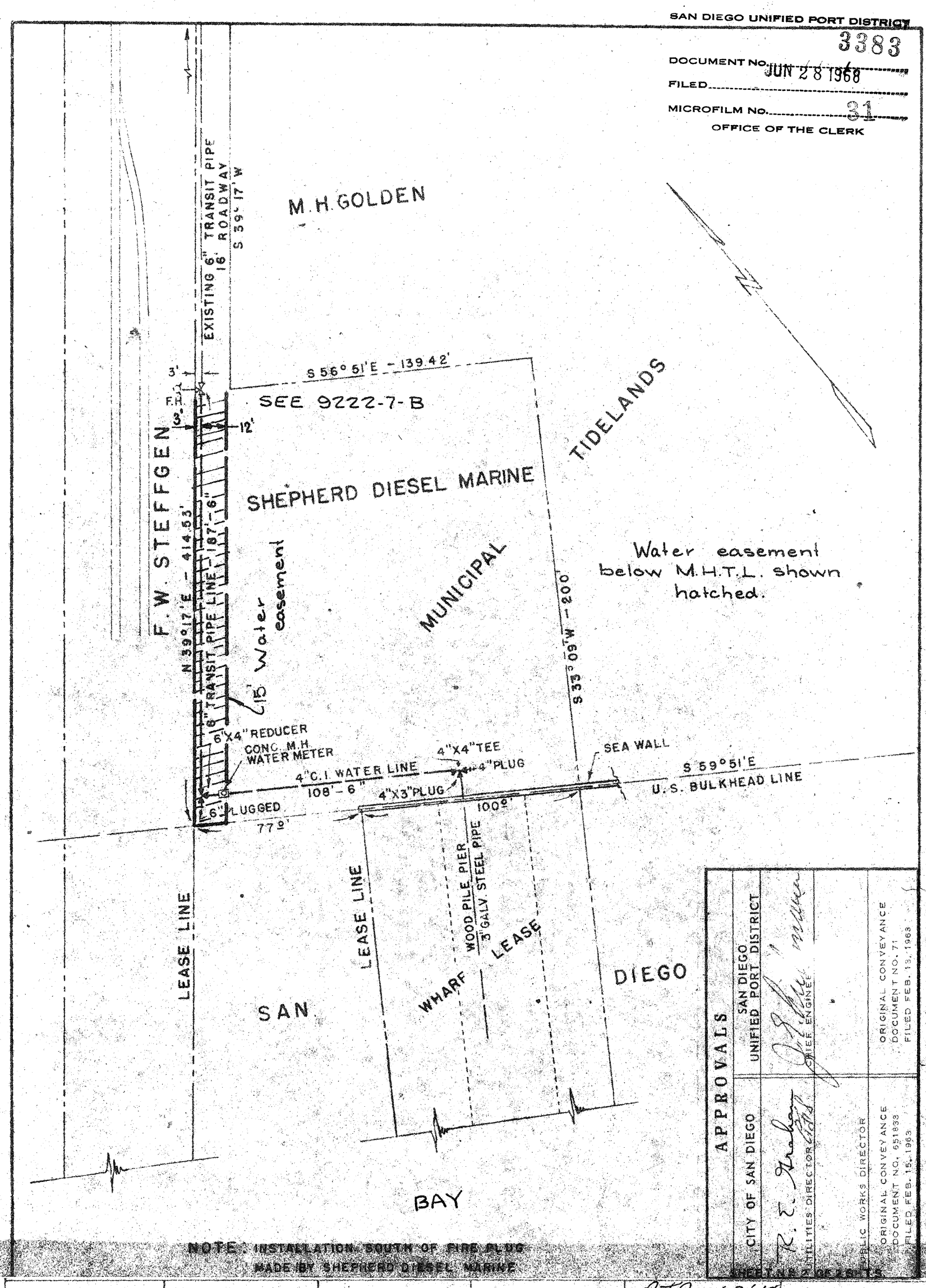
1127'± N.Wly. from foot of Sampson St. below M.H.T.L.

TIDELANDS

DATE 6-24-68
F. Bernstein
CITY ENGINEER
SHEET 7 OF 11
9222-7-B

HARBOR No 178-MB, Sht. 1 of 2

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



APPROVALS

SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1968

CITY OF SAN DIEGO
UTILITIES DIRECTOR
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963

SHEET NO. 2 OF 2 SHEETS

NOTE: INSTALLATION SOUTH OF FIRE PLUG MADE BY SHEPHERD DIESEL MARINE

PLANNING | | RECORDS ENGR. | O.T.J. 6-24-68 CONTROL ENGR. | OFFICE ENGR.

DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 192-1723
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

WATER EASEMENT

1127'± N.Wly. from foot of Sampson St. below M.H.T.L. TIDELANDS

DATE 6-24-68
E. F. Sedlacek
CITY ENGINEER
SHEET 8 OF 11
9222-8-B

HARBOR No. 178-MB, Sht. 1 of 2

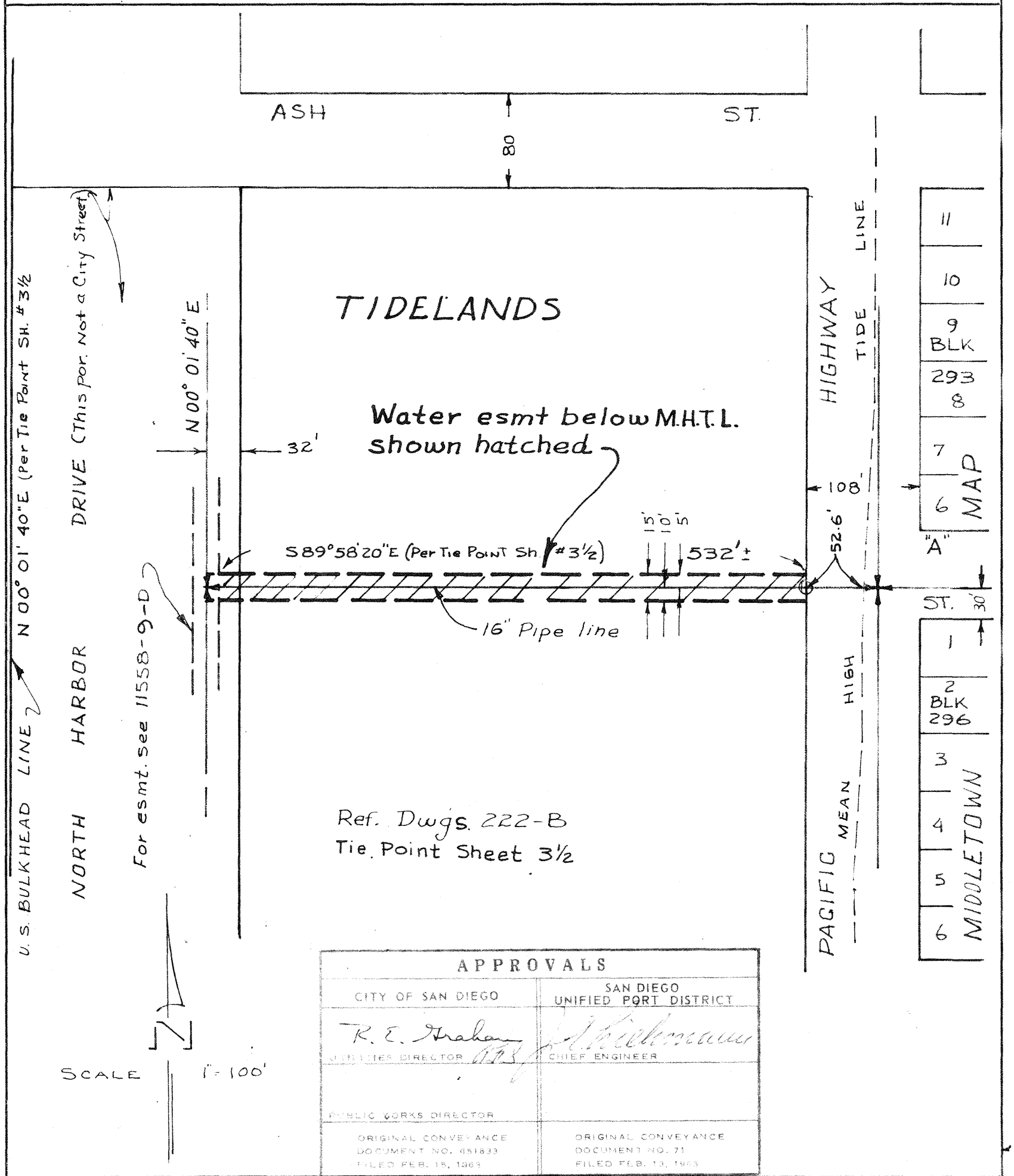
SAN DIEGO UNIFIED PORT DISTRICT

DOCUMENT No. 3383

FILED JUN 28 1968 31

MICROFILM No.

OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

PLANNING	RECORDS ENGR.	CONTROL ENGR.	OFFICE ENGR.
		6-24-68	

DRAWN BY R.G.J.
CHECKED BY
FIELD BOOKS
INDEX 202-1715
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

WATER ESMT. - Wly of "A" St. below M.H.T.L. bet. Pacific Hwy. & North Harbor Dr.

DATE

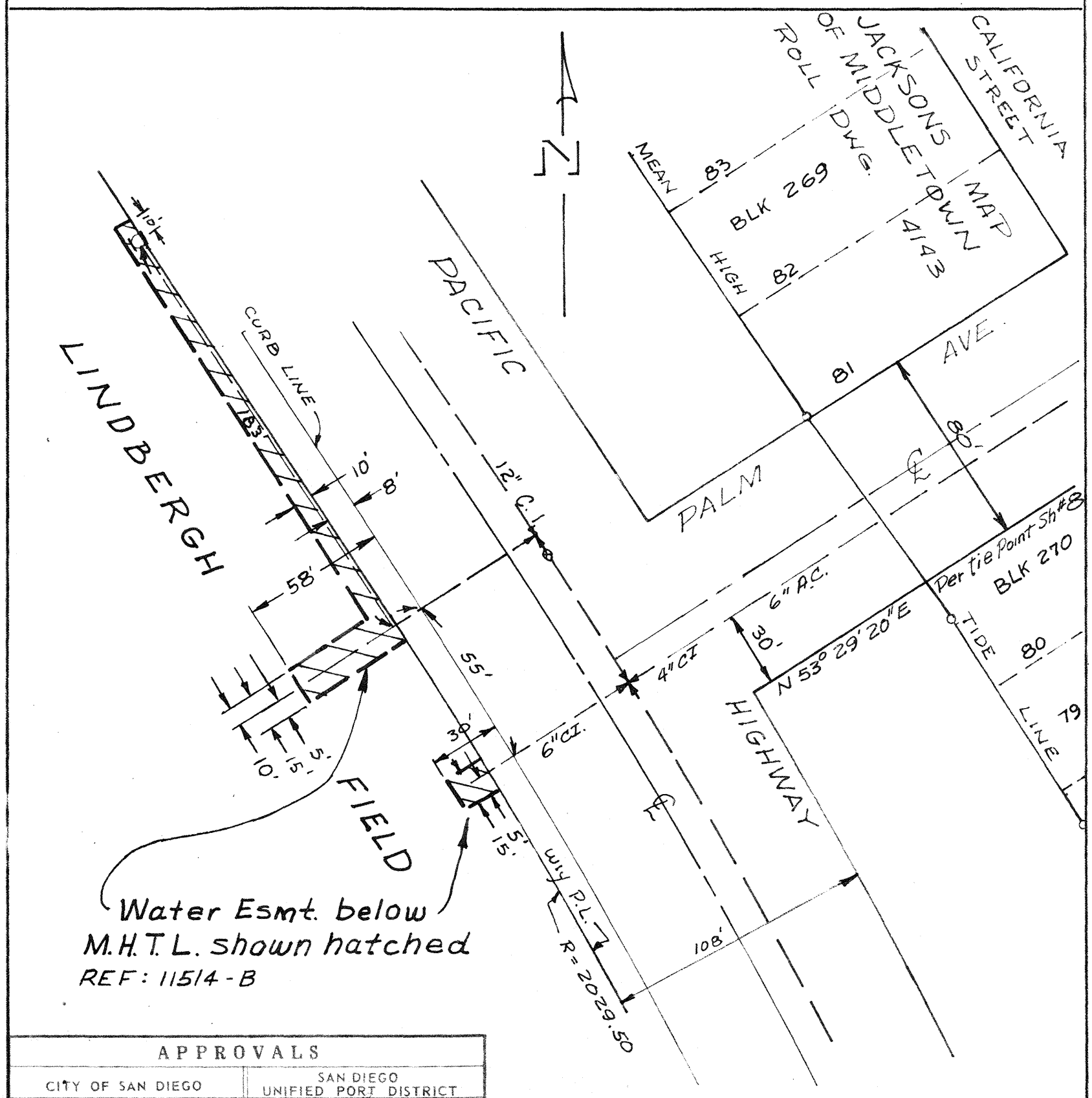
CITY ENGINEER

SHEET 9 OF 11

9222-9-B

SAN DIEGO UNIFIED PORT DISTRICT

DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham UTILITIES DIRECTOR	J. L. Kuhlemeier CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

		PLANNING	RECORDS ENGR.	C.T.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY R.C.J.
CHECKED BY
FIELD BOOKS 206-1715
SCALE 1" = 50'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

WATER EASEMENT - wly of Pacific Hwy at Palm Ave. in TIDELANDS

DATE
CITY ENGINEER

SHEET 10 OF 11
9222-10-B

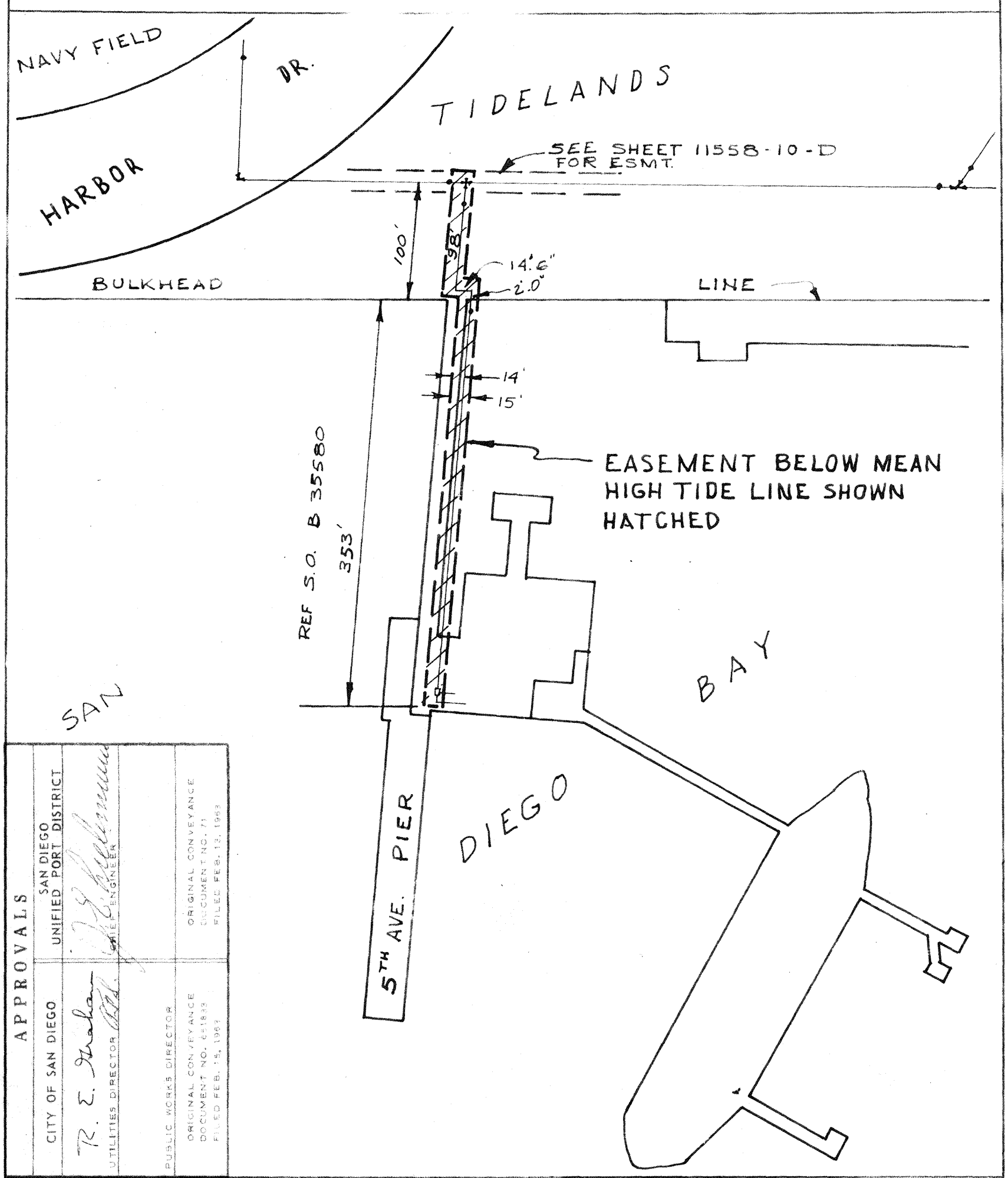
SAN DIEGO UNIFIED PORT DISTRICT

DOCUMENT No. 3383

FILED JUN 28 1968

MICROFILM No. 31

OFFICE OF THE CLERK



APPROVALS

CITY OF SAN DIEGO

UTILITIES DIRECTOR R. E. Graham

PUBLIC WORKS DIRECTOR

ORIGINAL CONVEYANCE DOCUMENT NO. 611833 FILED FEB. 15, 1963

SAN DIEGO UNIFIED PORT DISTRICT

CHIEF ENGINEER

ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

PLANNING | RECORDS ENGR. | CONTROL ENGR. O.K.J. 6-24-68 | OFFICE ENGR.

DRAWN BY BCJ

CHECKED BY

FIELD BOOKS 196 - 17/9

SCALE 1" = 100'

W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

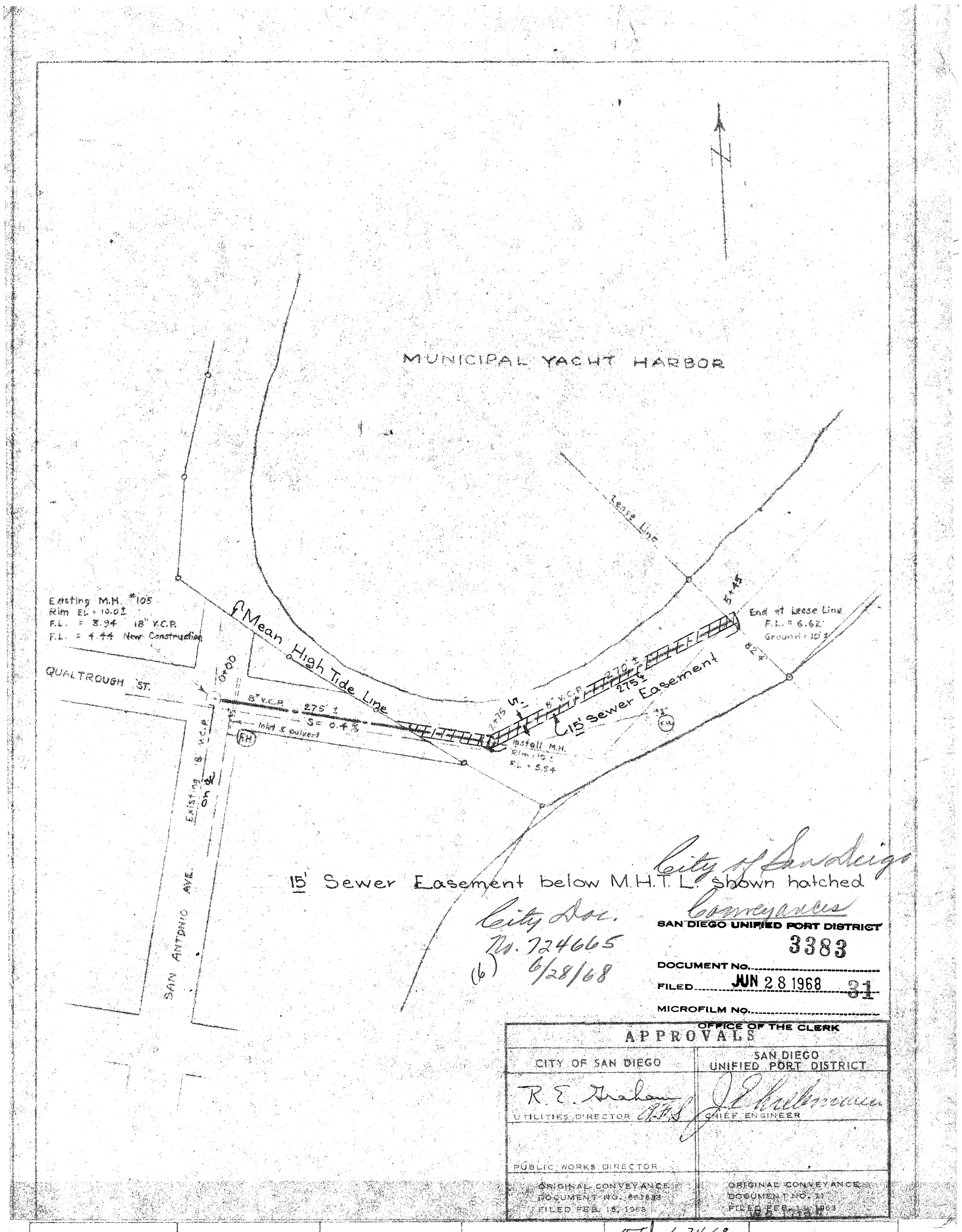
WATER EASEMENT- ON 5TH AVE PIER BELOW MEAN HIGH TIDE LINE TIDELANDS

DATE 6-20-68

CITY ENGINEER

SHEET 11 OF 11

9222-11-3



15' Sewer Easement below M.H.T.L. shown hatched

City of San Diego
Conveyances
City Doc. No. 724665
(6) 6/28/68

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT No.
FILED JUN 28 1968 31
MICROFILM No.

OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham UTILITIES DIRECTOR	J. Kattenraven CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 661833 FILED FEB. 15, 1968	ORIGINAL CONVEYANCE DOCUMENT NO. 31 FILED FEB. 15, 1963

PLANNING	RECORDS ENGR.	O.T.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY J.R. RAF
CHECKED BY
FIELD BOOKS 200-1697
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

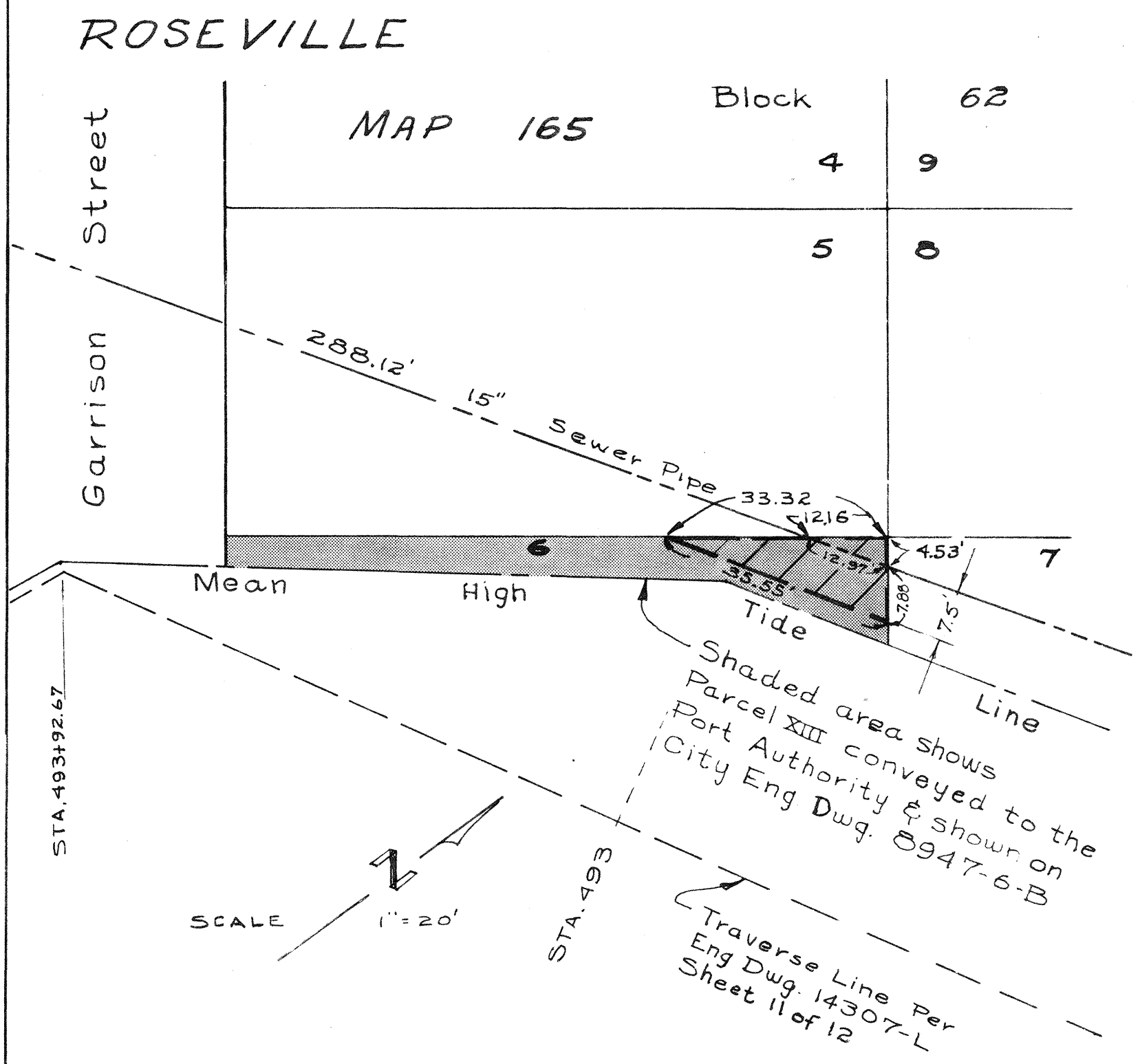
SEWER EASEMENT
Qualtrough St. below M.H.T.L.

TIDELANDS

DATE 6/24/68
E. J. Sammons
CITY ENGINEER
SHEET 1 OF 6
9221-1-B

HARBOR No 296-MB

ROSEVILLE



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. L. Haskins	

Sewer Esmt. Shown hatched thus ▨

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

6-24-68

R.C.J.
C. INDEX 204-1699
1"=20'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

Sewer Easement, in lot 6 Block 62 of Roseville Map 165

SHEET 2 OF 6
9221-2-B

Administrative Record Page No. 021345

APPROVALS

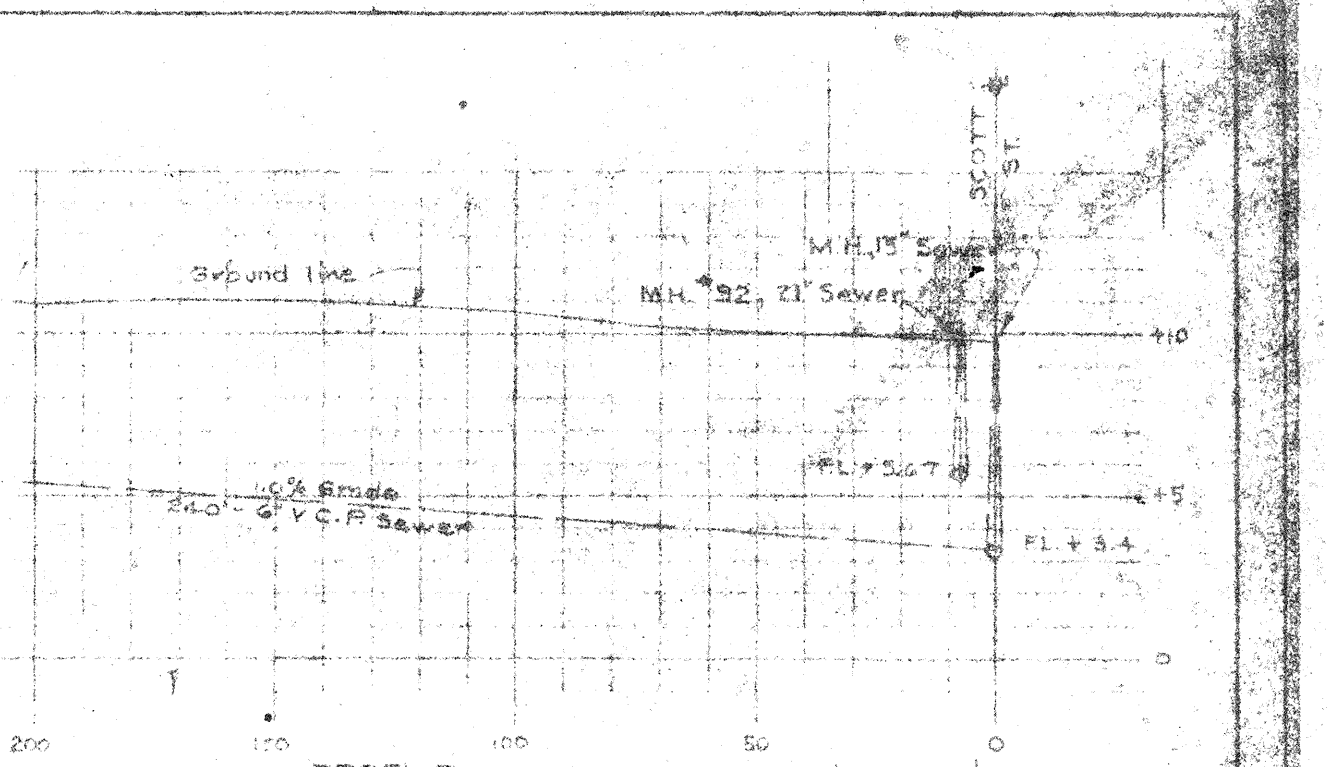
CITY OF SAN DIEGO
UTILITIES DIRECTOR
APPROVED FEB. 15, 1968

SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER
APPROVED FEB. 1 1968

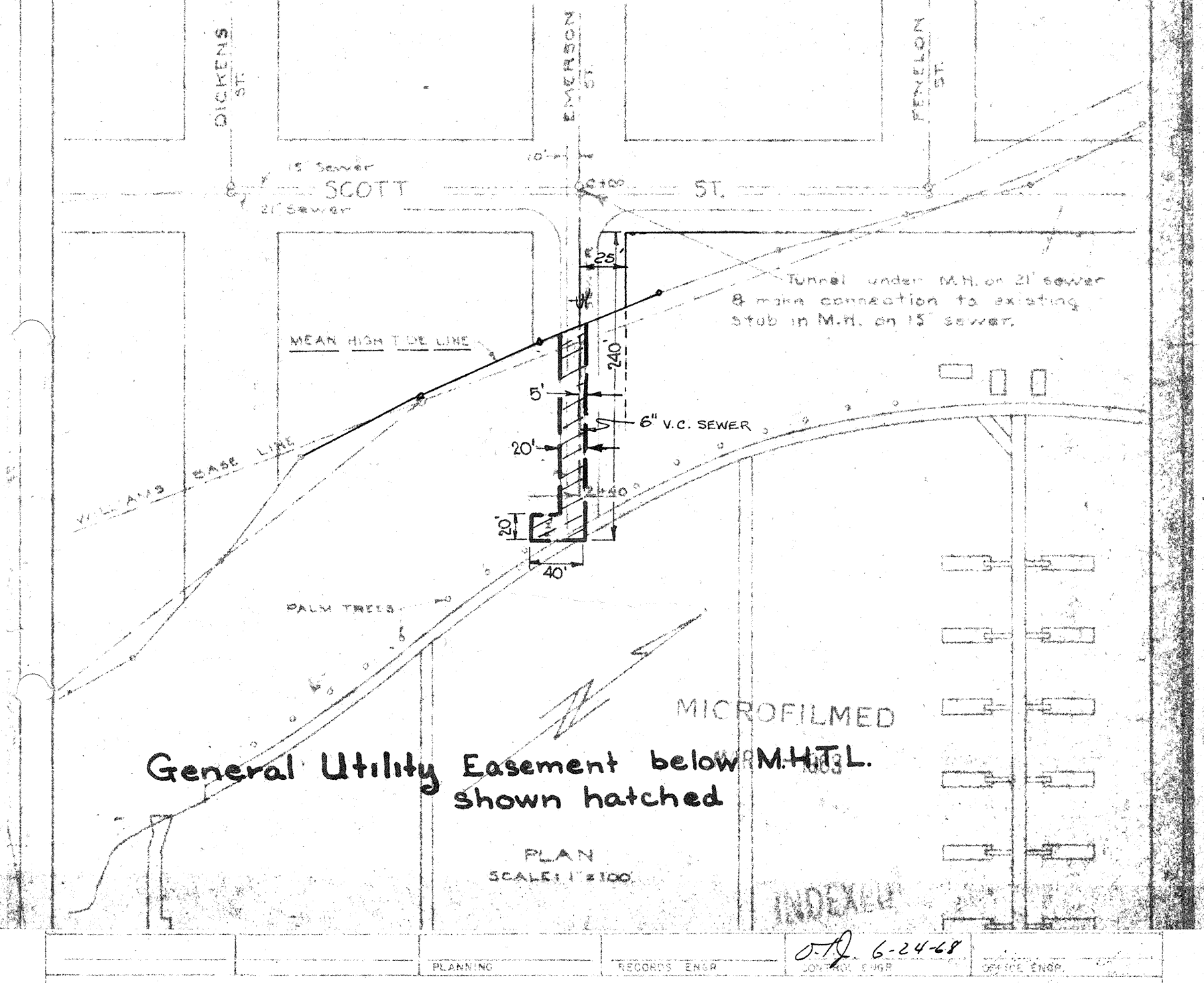
PUBLIC WORKS DIRECTOR

ORIGINAL CONVEYANCE DOCUMENT NO. 6
FILED FEB. 15, 1968

ORIGINAL CONVEYANCE DOCUMENT NO. 11
FILED FEB. 1 1968



PROFILE
Scale: Hor. 1"=40', Ver. 1"=6'



PLAN
SCALE: 1" = 100'

PLANNING	RECORDS ENGR	CONTRACT ENGR	OFFICE ENGR
		O.J. 6-24-68	

DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 204-1699
SCALE AS SHOWN
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

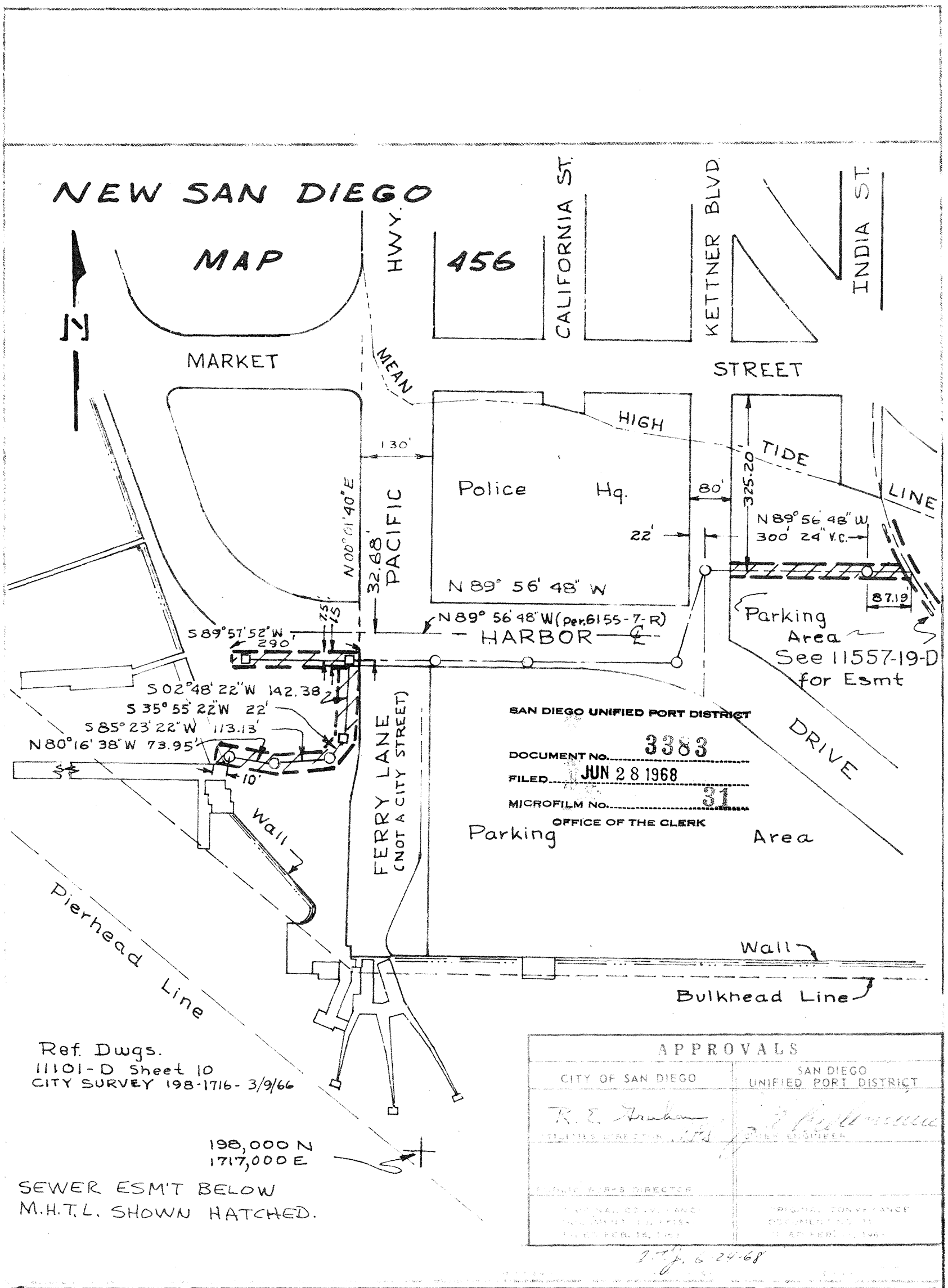
SEWER EASEMENT
Ext. Emerson St. below M.H.T.L
TIDELANDS

DATE 6-24-68
F. Gotschalk
CITY ENGINEER

SHEET 3 OF 6
9221-3-B

HARBOR No. 271-MB-1

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



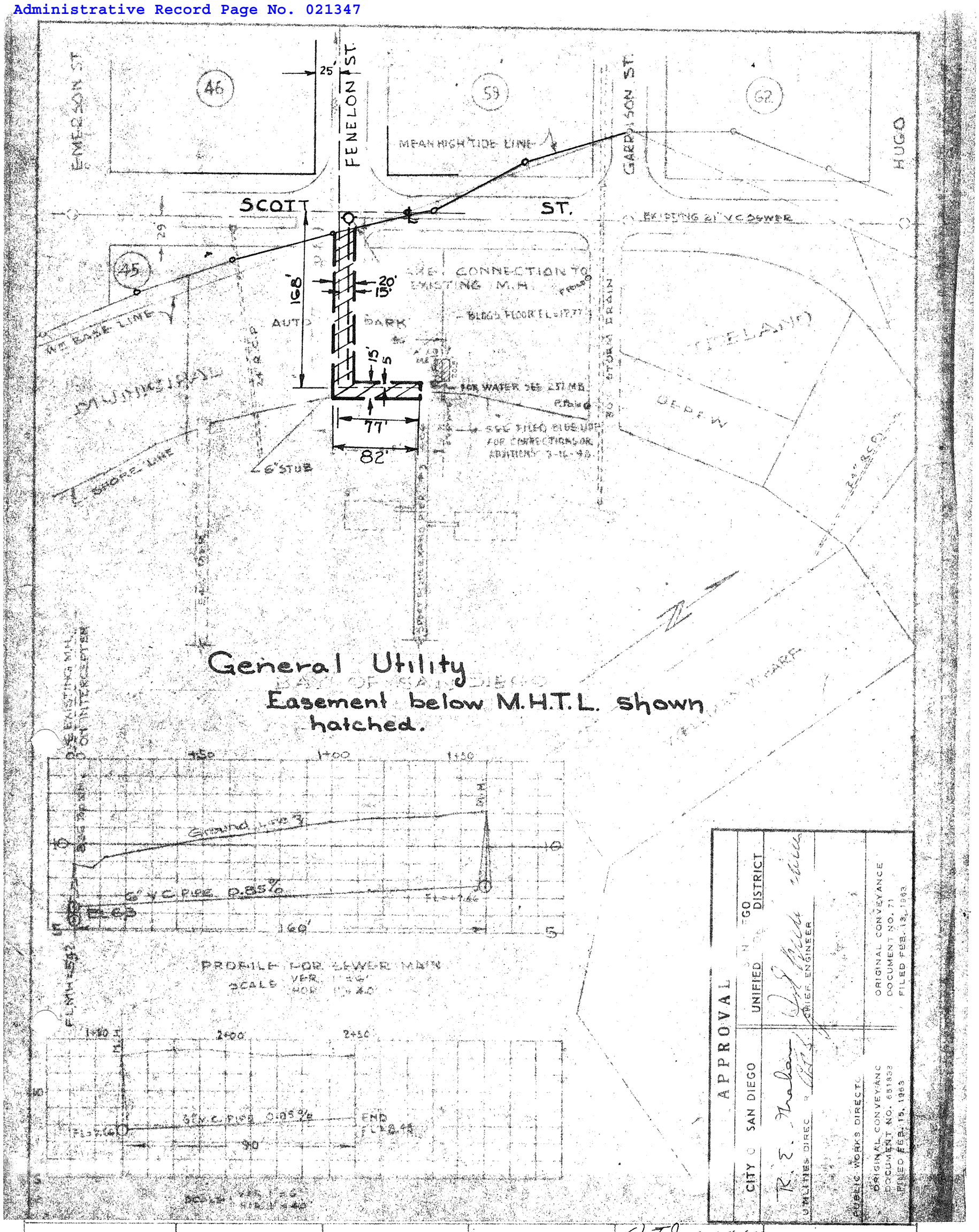
APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham	[illegible]
PUBLIC WORKS DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
SURVEYS APPROVED FEB. 19, 1968	RIGHT OF WAY APPROVED APR. 1, 1968

J. T. J. 6-24-68

C. INDEX 198-1717
1" = 200'
17430

Sewer Esmt Sly of Harbor Drive & Wly of Ferry Lane. Also S. E'ly of Kettner & Market Sts.

SHEET 4 OF 6
9221-4-D



General Utility

Easement below M.H.T.L. shown hatched.

APPROVAL

CITY OF SAN DIEGO — UNIFIED PORT DISTRICT

UTILITIES DIRECTOR — CHIEF ENGINEER

PUBLIC WORKS DIRECTOR

ORIGINAL CONVEYANCE DOCUMENT NO. 651838 FILED FEB. 15, 1963

ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

PLANNING	RECORDS ENGR.	CONTR. ENGR. O.T.J. 6-24-68	OFFICE ENGR.

DRAWN BY J.A.
CHECKED BY
FIELD BOOKS 204-1699
SCALE 1" = 100'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

SEWER EASEMENT
Ext. Fenelon St below M.H.T.L.

TIDELANDS

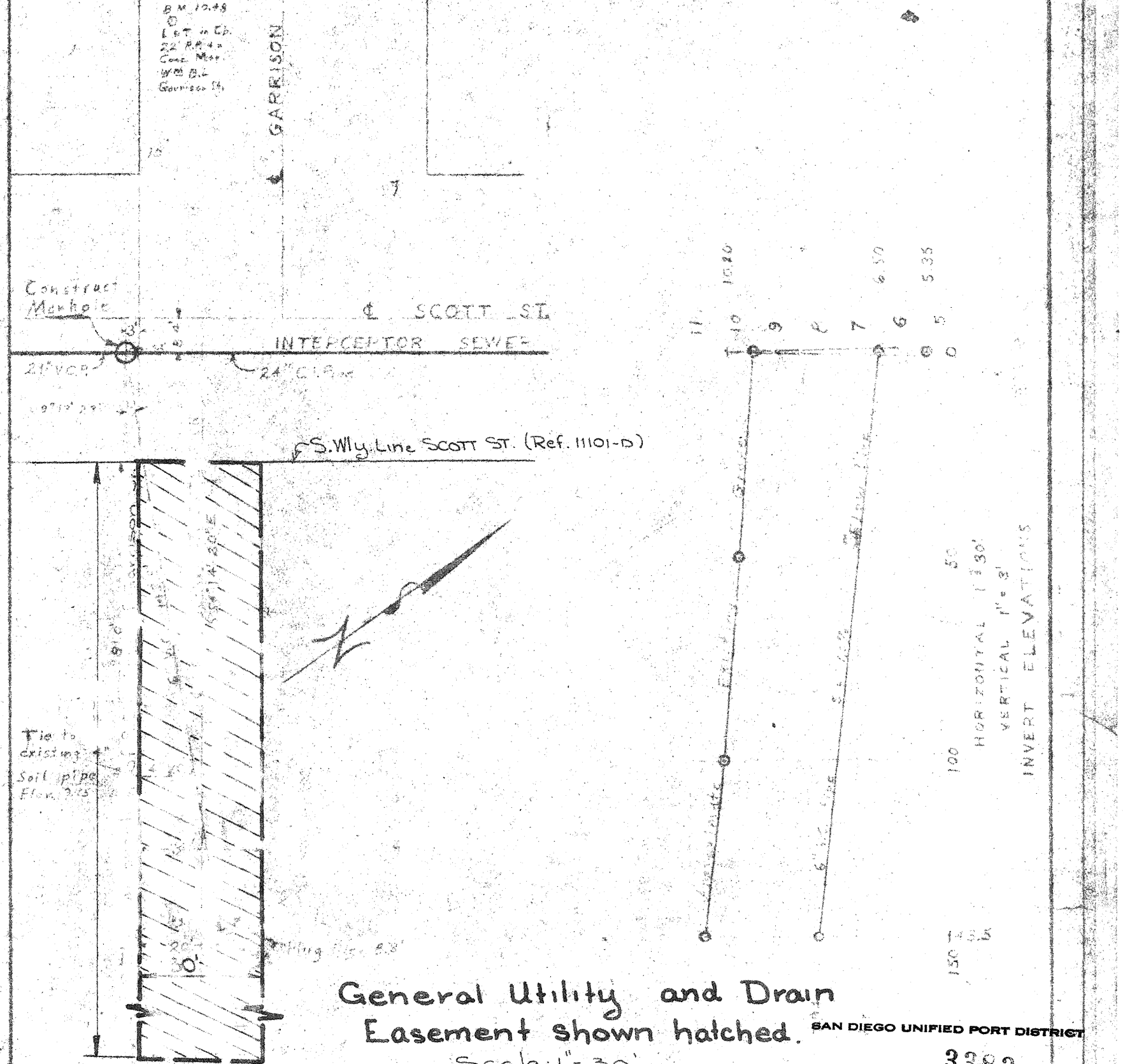
HARBOR Nº 229-MB

DATE 6-21-68
H. Fairbairn
CITY ENGINEER

SHEET 5 OF 6
9221-5-B

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham UTILITIES DIRECTOR	J. Lockman CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651838 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963



General Utility and Drain Easement shown hatched.

Scale: 1" = 30'

MANHOLE TO BE PLACED AT JUNCTION OF 24" C.I. PIPE & 21" V.C. PIPE
ELEVATION OF TOP OF MH = 10.20

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

		PLANNING	RECORDS ENGR.	O.T.J. 6-24-68 CONTROL ENGR.	OFFICE ENGR.

DRAWN BY J.B. CHECKED BY
FIELD BOOKS 204-1699
SCALE 1" = 30'
W.O. 17430

CITY OF SAN DIEGO - ENGINEERING DEPARTMENT

SEWER EASEMENT
Ext. Garrison St. below M.H.T.L.

TIDELANDS

DATE 6-24-68
CITY ENGINEER
SHEET 6 OF 6
9221-6-8

HARBOR NO 256-MB

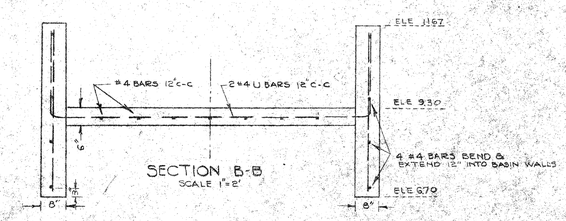
Administrative Record Page No. 021349

City of San Diego
Engineering

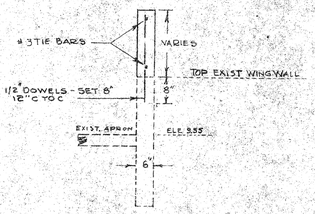
City Dwg No. 72465
4/28/68

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 21
OFFICE OF THE CLERK

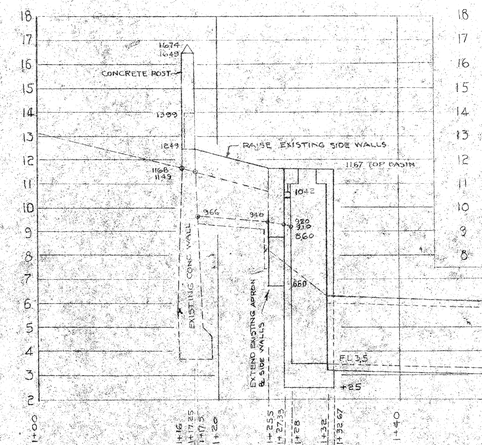
(27)



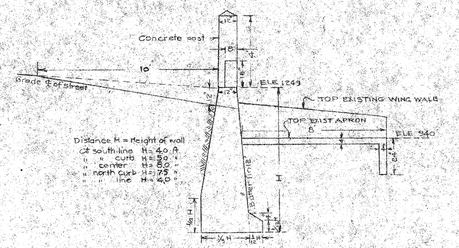
SECTION B-B
SCALE 1"=2'

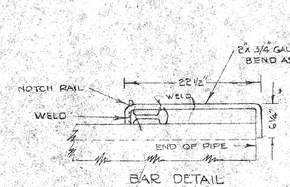


SECTION A-A
SCALE 1"=2'

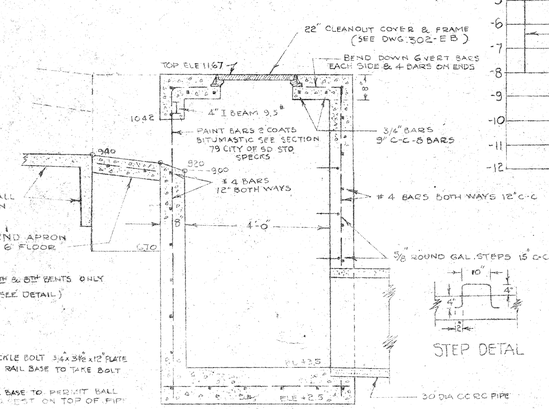


PROFILE OF STORM DRAIN AT FOOT OF KELLOGG STREET
SCALE HORIZ 1"=8'
VERT 1"=3'

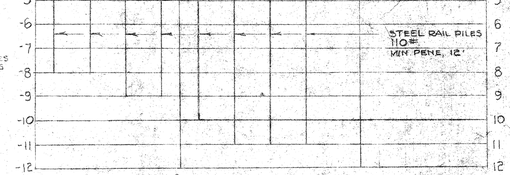


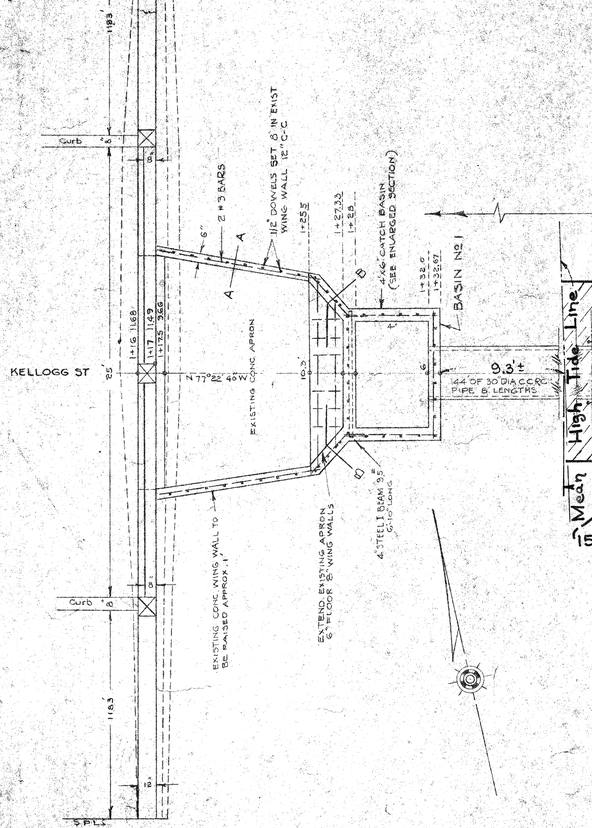


BAR DETAIL
SCALE 1"=1'-0"
NOTE- PLACE BAR AT END OF ALL STORM DRAINS



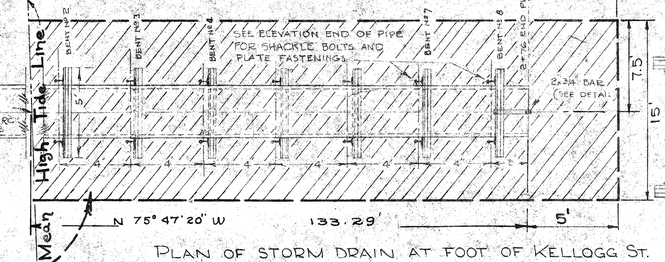
STEP DETAIL





SECTION OF EXISTING CONCRETE WALL ON KELLOGG ST
SCALE 1"=4'-0"

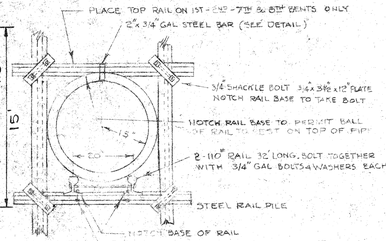
271' to Ely. R/W line of San Antonio Ave.



PLAN OF STORM DRAIN AT FOOT OF KELLOGG ST.

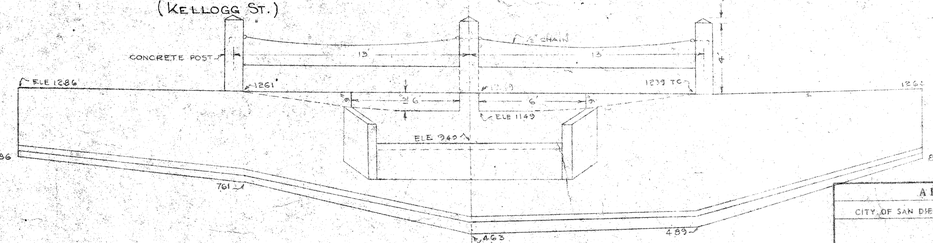
'15' Drainage Easement below M.H.T.L. shown hatched

(KELLOGG ST.)



END ELEVATION OF PIPE
SCALE 1"=2'-0"

SECTION ON ℄ BASIN Nº 1
SCALE 1"=2'-0"



FRONT ELEVATION OF EXISTING WALL ON KELLOGG STREET
SCALE 1"=2'-0"

WORK TO BE DONE

The improvement consists of the following work to be done according to these plans and the specifications prepared therefor by the Harbor Engineer of the City of San Diego. The construction of concrete box waterway, catch basin & 72 lin.f of 24" dia. CCRC pipe Storm drain at the foot of McCall Street, The construction of wing walls, catch basin and 144 lin ft of 30" dia. CCRC pipe storm drain at the foot of Kellogg Street, The construction of Catch Basins approximately 23 lin. ft. of 18" dia CCRC pipe and 72 lin. ft. of 24" dia CCRC pipe storm drain at the foot of Owen Street including all other work appurtenant thereto.

Elevations shown hereon are in feet and decimals of foot and are above or below mean lower low water or zero datum established for the Bay of San Diego by the U.S.C. & G. Survey.

DRAINAGE EASEMENT

Foot of Kellogg St. below M.H.T.L.

City Standard Dwg. Nº 302-EB accompanies these plans.

TIDELANDS

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	PRESIDENT
PUBLIC WORKS DIRECTOR	SECRETARY
ORIGINAL CONVEYANCE DOCUMENT NO. 151833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 73 FILED FEB. 12, 1963

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT

SHEET 1 OF 23 SHEETS

W.O. NO 17430

PLAN CHANGE	REVISION BY	DATE	APPROVAL

E. F. Gutierrez 6/24/68
CITY ENGINEER DATE

OFFICE ENGINEER

WATER DEPT.	SEWERAGE	SUPERVISOR
PLANNING DEPT.	DRAINAGE	
ELECTRICAL	HIGHWAY	CHECKED
STRUCTURAL	GRADES	DESIGNED J. Allen
TRAFFIC	CONTROL O.K. by 6-24-68	

CONSTRUCTION RECORD

DATE STARTED DATE COMPLETED

CONTR INSP.

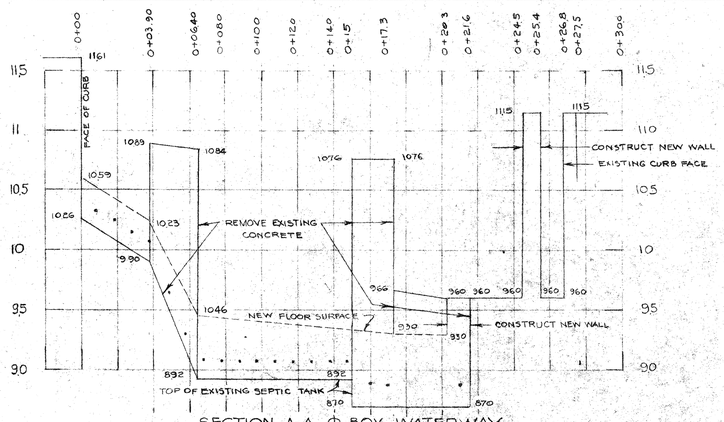
FIELD BOOK 198 - 1695

11556-1-D

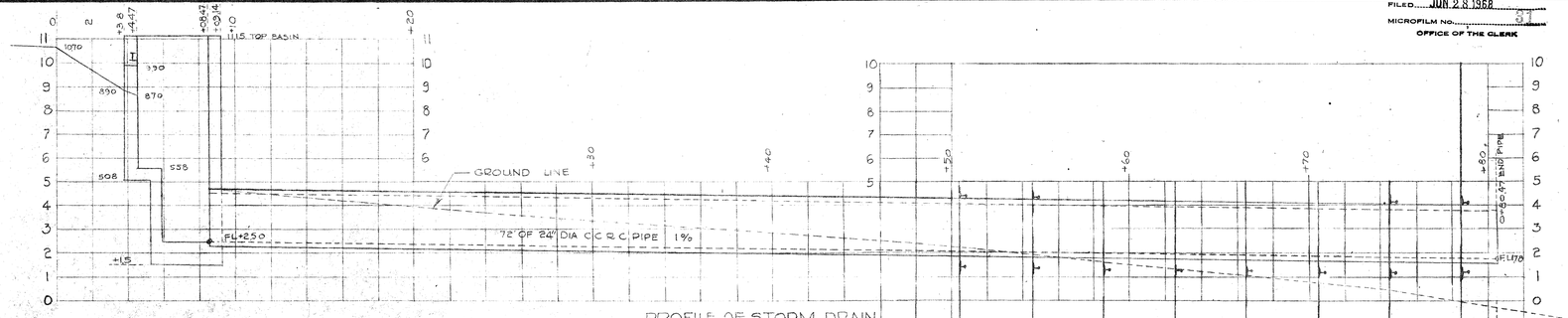
HARBOR Nº 440-D, SH 1.

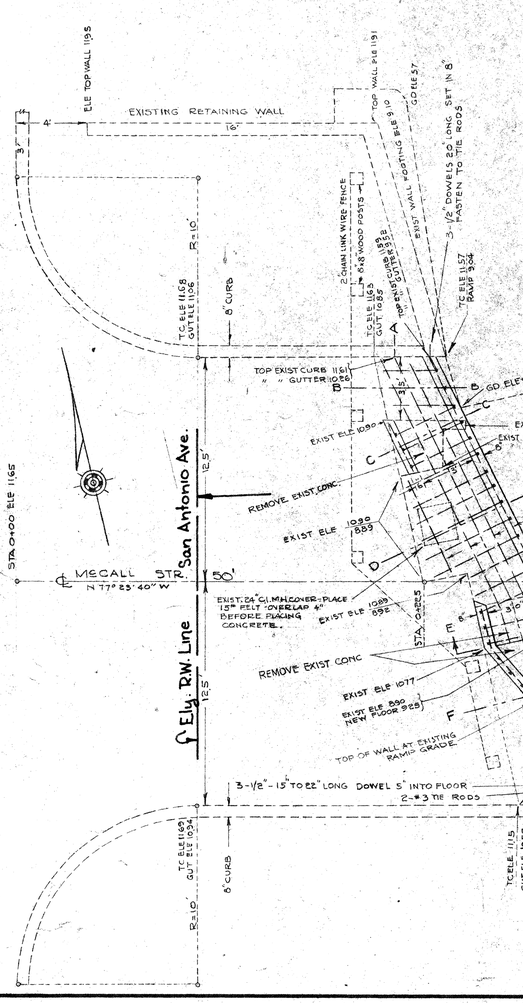
Administrative Record Page No. 021350

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 37
OFFICE OF THE CLERK

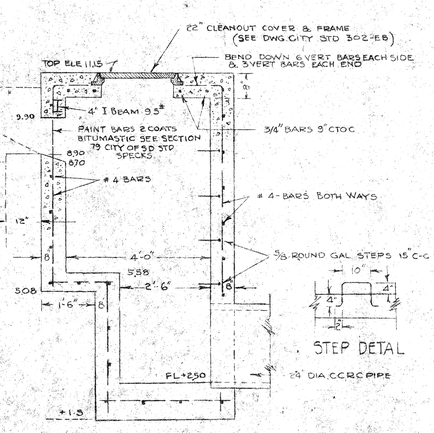


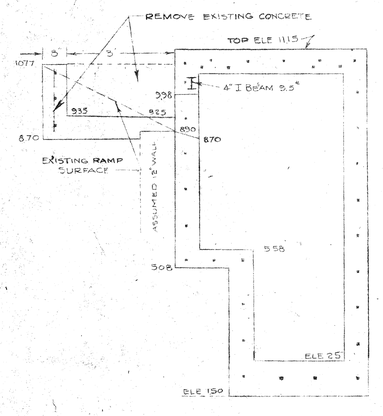
SECTION A-A & BOX WATERWAY
SCALE HORIZ 1"=4'
VERT 1"=0.6'



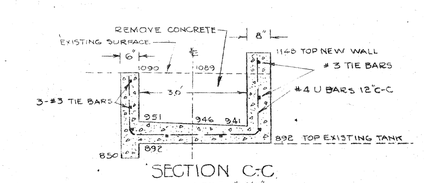


PLAN OF STORM DRAIN AT FOOT OF Mc CALL ST.
SCALE 1"= 4'-0"

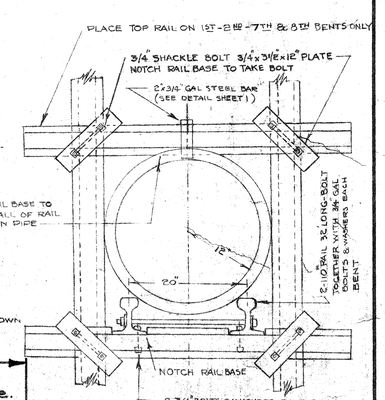




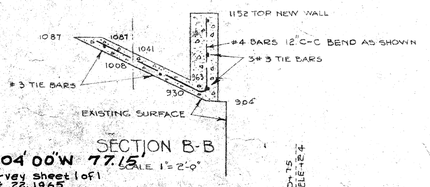
SECTION E-E
SCALE 1"=2'-0"



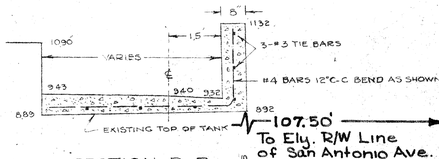
SECTION C-C
SCALE 1"=2'-0"



SECTION F-F & BASIN
SCALE 1"=2'-0"



SECTION B-B
SCALE 1"=2'-0"



SECTION D-D
SCALE 1"=2'-0"

N 78° 04' 00" W 77.15
Per City drain Survey sheet 1 of 1 Index 198-1695 Oct 22, 1965

107.50' To Ely. R/W Line of San Antonio Ave.

END ELEVATION
SCALE 1"=1.50"

2"x3/4" GAL STEEL BAR (SEE DETAIL SHEET)
SEE END ELEVATION OF PIPE FOR DETAIL
7.5'
7.5'

DRAINAGE EASEMENT
Foot of Mc Call St.
below M.H.T.L.

TIDELANDS

15' Drainage Easement below M.H.T.L. shown (Mc CALL STR.) HATCHED.

APPROVED

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTION	CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 401833 FILED FEB. 15, 1952	ORIGINAL CONVEYANCE DOCUMENT # FILED/VOL. #

DRAIN EASEMENT - E'ly of San Antonio Ave & Mc Call St.

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 2 OF 23 SHEETS
W.O. NO 17430

PLAN CHANGE	BY	DATE	APPROVAL

CITY ENGINEER 6/29/68 DATE

CONSTRUCTION RECORD

DATE STARTED — DATE COMPLETED
CONTR — INSP.
RET. DRWG 198-1695

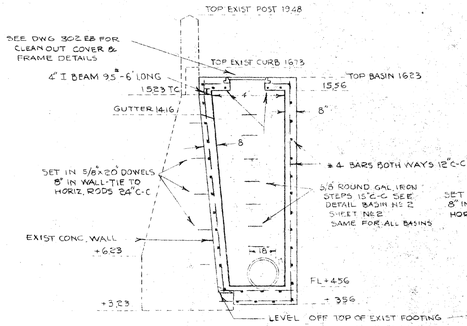
WATER DEPT	SEWERAGE
PLANNING DEPT	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL O.T.J. 6-24-68

OFFICE ENGINEER
SUPERVISOR
CHECKED
DESIGNED J. Altman
1155G-2-D

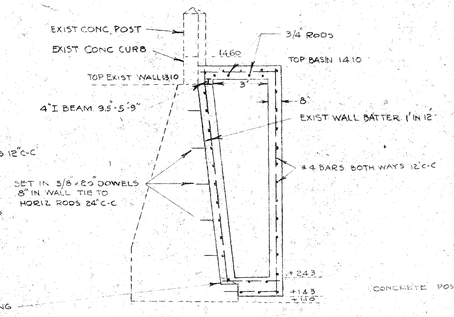
HARBOR No 440-D, Sht. 3

Administrative Record Page No. 021351

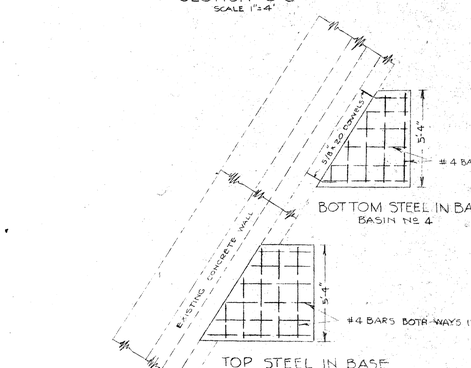
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



SECTION G-G
SCALE 1"=4'

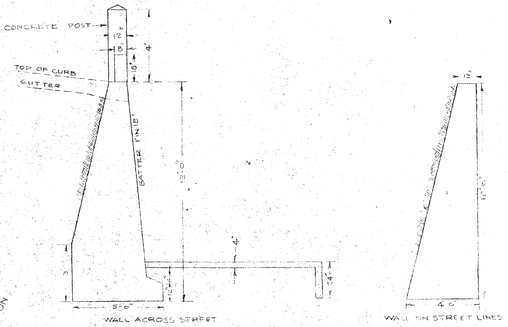


SECTION H-H
SCALE 1"=4'

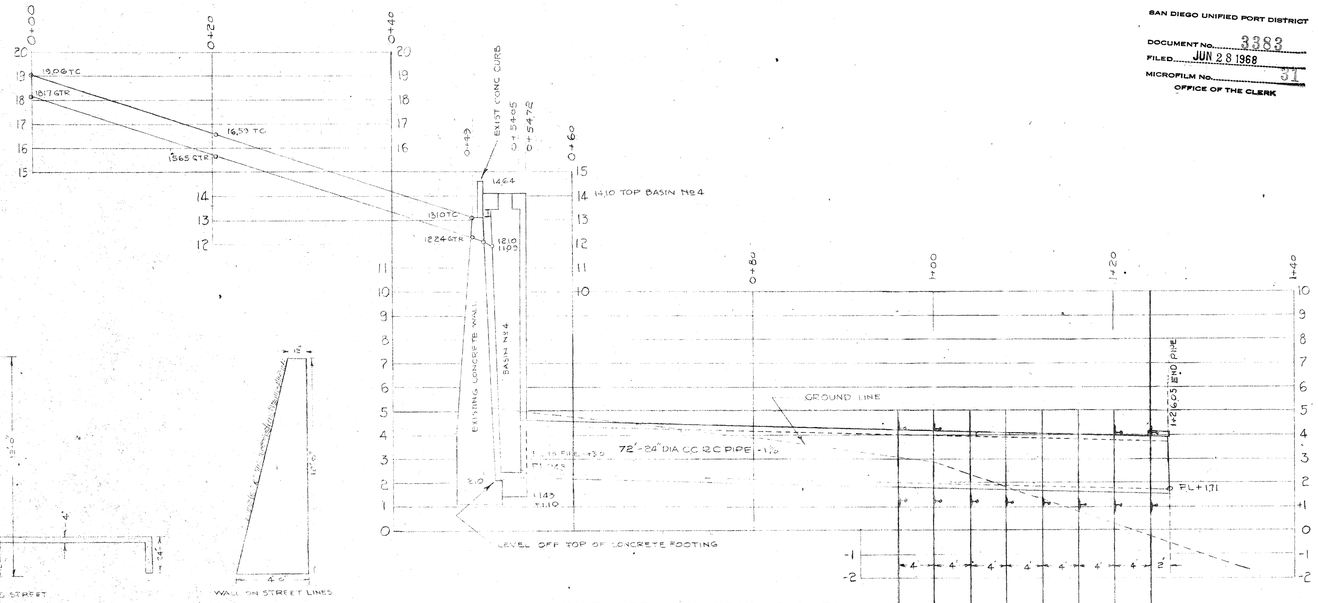


BOTTOM STEEL IN BASE
BASIN NO 4

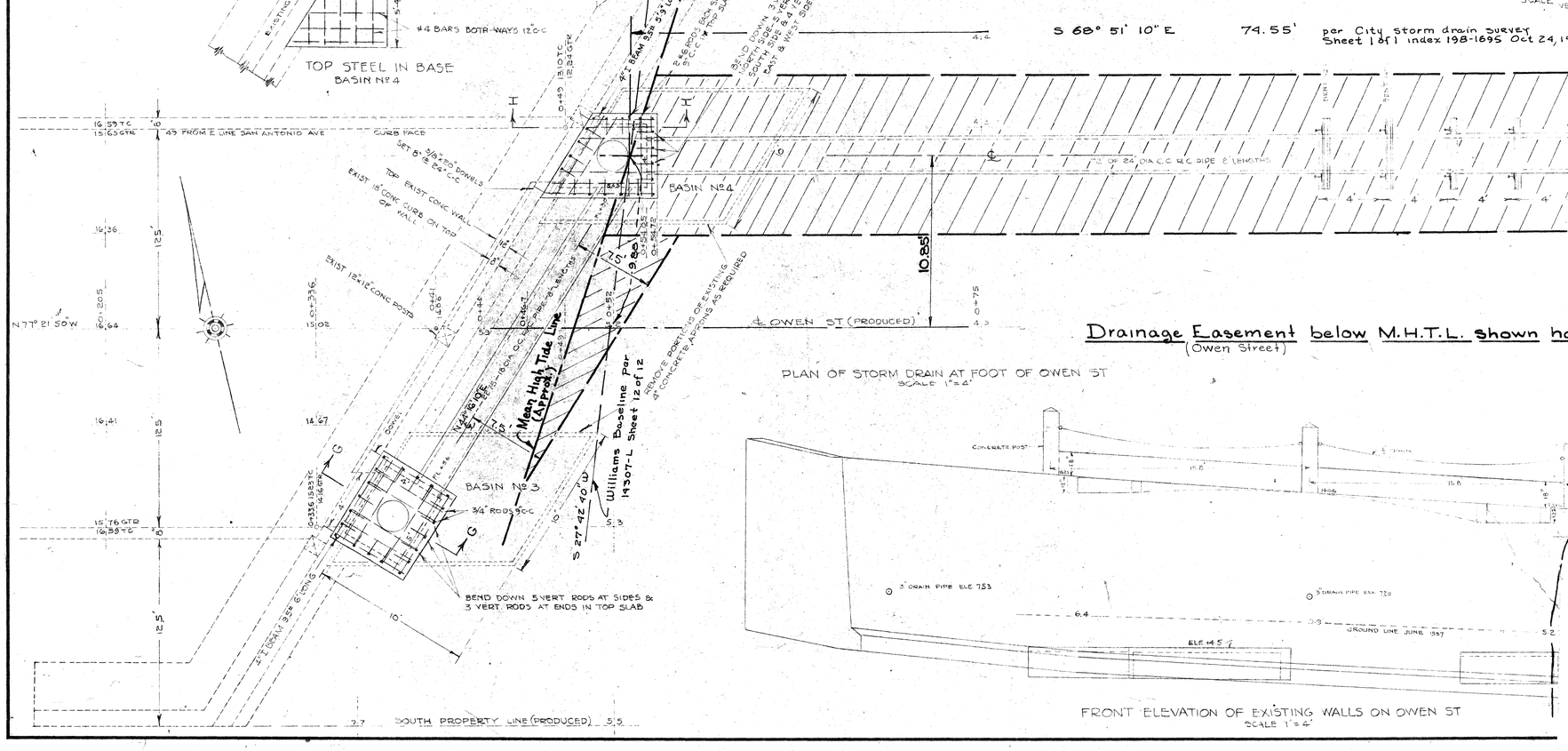
TOP STEEL IN BASE
BASIN NO 4



SECTIONS OF EXISTING CONCRETE WALLS ON OWEN ST
SCALE 1"=4'



PROFILE OF STORM DRAIN AT FOOT OF OWEN ST.
SCALE HORIZ. 1"=8'
VERT 1"=3'



Drainage Easement below M.H.T.L. shown hatched
(Owen Street)

PLAN OF STORM DRAIN AT FOOT OF OWEN ST
SCALE 1"=4'

FRONT ELEVATION OF EXISTING WALLS ON OWEN ST
SCALE 1"=4'

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS ENGINEER	
ORIGINAL CONVEYANCE DOCUMENT NO. 451833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. FILED FEB. 15, 1963

TIDELANDS

DRAINAGE EASEMENT, Foot of Owen below M.H.T.L.

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 3 OF 23 SHEETS
W.O. NO 17430

PLAN REVISION				
CHANGE	BY	DATE	APPROVAL	
CONSTRUCTION RECORD				
DATE STARTED			DATE COMPLETED	
CONTR.			INSP.	
FIELD BOOK 198-1695				

E. J. Quilmann 6/24/68
CITY ENGINEER DATE

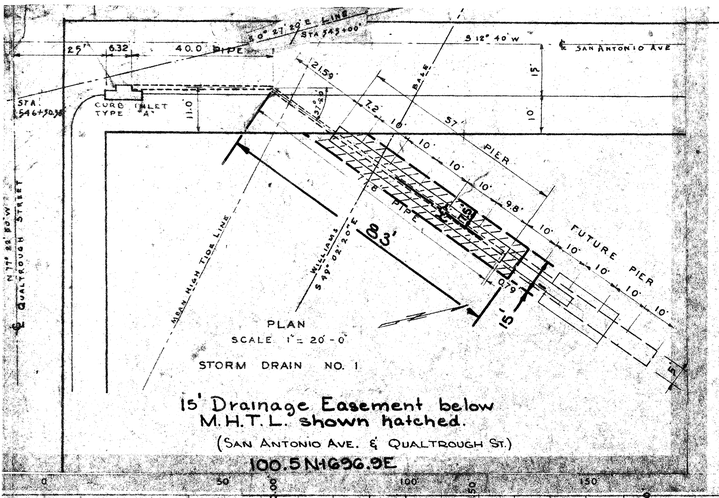
WATER DEPT.	SEWERAGE
PLANNING DEPT.	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL W.J. 6-24-68

OFFICE ENGINEER
SUPERVISOR
CHECKED
DESIGNED J.A.

11556-3-D

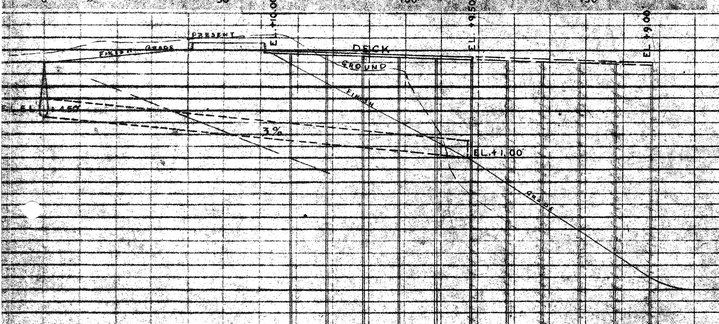
HARBOR NO 440-D, Sht. 3

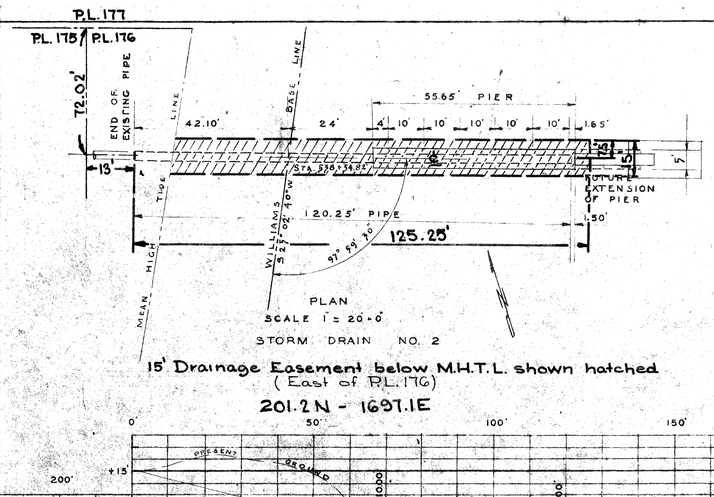
Administrative Record Page No. 021352



15' Drainage Easement below M.H.T.L. shown hatched.
(San Antonio Ave. & Qualtrough St.)

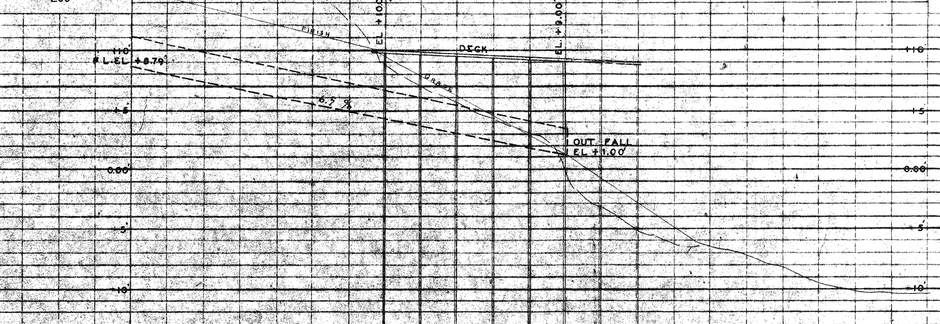
100.5 N 1696.9 E

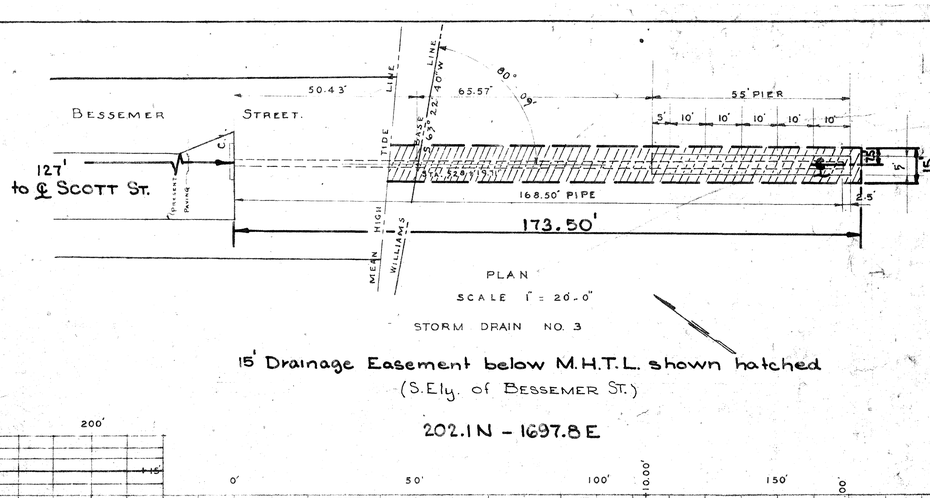




15' Drainage Easement below M.H.T.L. shown hatched
(East of P.L. 176)

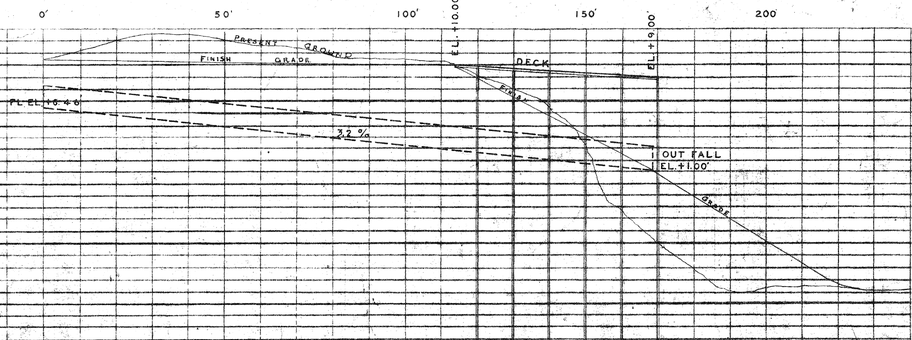
201.2 N - 1697.1 E





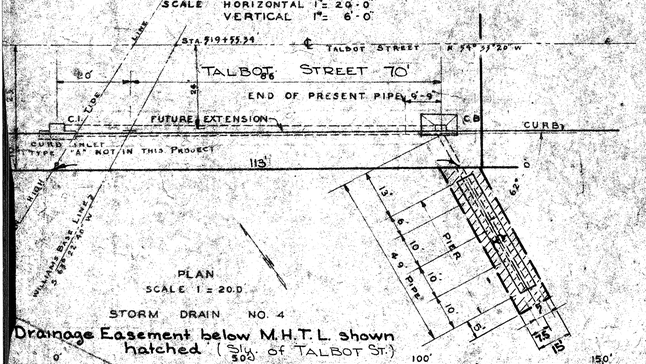
15' Drainage Easement below M.H.T.L. shown hatched
(S.Ely. of Bessemer St.)

202.1 N - 1697.8 E



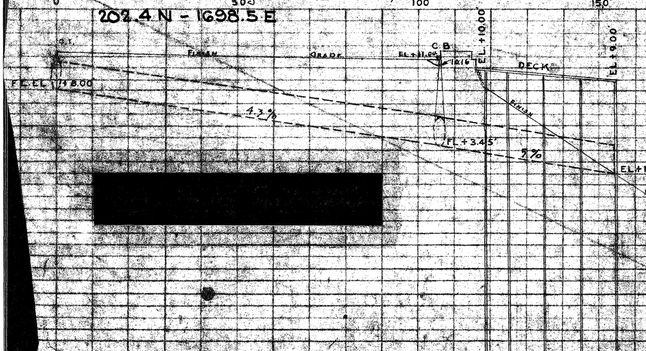
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
JUN 28 1968
FILED
MICROFILM NO. 31
OFFICE OF THE CLERK

18" STORM DRAIN - QUALTROUGH STREET & SAN ANTONIO AVE.
SCALE HORIZONTAL 1" = 20'-0"
VERTICAL 1" = 6'-0"

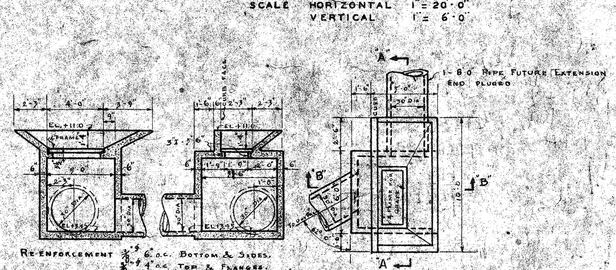


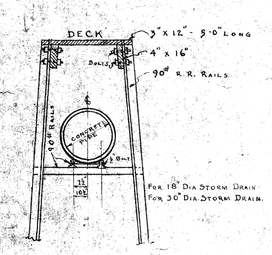
Drainage Easement below M.H.T.L. shown hatched (S'ly. of TALBOT ST.)

202.4 N - 1698.5 E



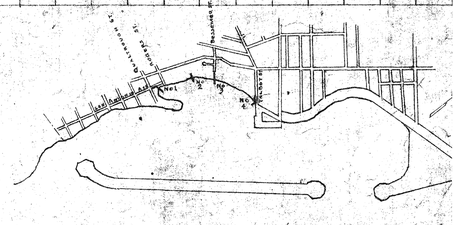
30" STORM DRAIN 421.80' NORTH OF ROGERS STREET MONUMENT.
SCALE HORIZONTAL 1" = 20'-0"
VERTICAL 1" = 6'-0"





Pier & Drain Detail
Scale 1/4" = 1'-0"

18" STORM DRAIN BESSEMER STREET
SCALE HORIZONTAL 1" = 20'-0"
VERTICAL 1" = 6'-0"



W.P.A. PROJECT # 9397 &
9813

DRAINAGE EASEMENTS
San Antonio Ave.
Bessemer St.
Talbot St. &
P.L. 176 below M.H.T.L.
TIDELANDS

APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
CHIEF ENGINEER
DIRECTOR OF PUBLIC WORKS
DIRECTOR OF PUBLIC UTILITIES
DIRECTOR OF PLANNING
DIRECTOR OF REAL ESTATE

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 4 OF 23 SHEETS
W.O. NO. 17430
6/24/68
DESCRIPTION BY APPROVED DATE FILED
ORIGINAL JA 6-24-68
HARBOR № 15-D-4
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED
DRAWING NO. 11556-4-D

Administrative Record Page No. 021353

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

15' Drainage Easement below M.H.T.L. shown hatched.

ADDISON ST
N 54° 15' 20" W
264.93'
Ref. 8752-1-B
Closed by Resol. 157254, 3911-G2

LOKER SUB'D
Map № 5087

SHAFTER STREET
S 35° 45' 10" W
18" SEWER

CAÑON STREET
N 54° 33' 50" W
29'

E. BASE LINE S 44° 26' 40" W 97.439
S 45° 21' 40" W
S 83° 22' 40" W
S 44° 26' 40" W 101.330
S 45° 21' 40" W 100.008

HIGH SEAS TUNA PACKING COMPANY

CONCRETE PIT
CATCH BASIN
EXISTING 12" PIPE
N 54° 15' 20" W 185.5'
12" CONC. PIPE
43° 21' 42"
122.7'
N 10° 53' 38" W
ANCHORAGE LANE
55'
75° 45' 36"
47° 54' 36"
N 54° 33' 50" W 120'
24" CONC. PIPE
85'
PROPOSED END OF FILL
N 36° 39' 14" W 160'
77° 55' 58"
32° 05' 24"
ADD APPROX. 10' V.C.P. TO MAKE CONNECTION WITH END OF EXISTING 10" V.C.P.
EXISTING 10" V.C.P.
6" C.I. SEWER
N 67° 14' 23" W 159.5'
12° 40' 33"
24" CONC. PIPE
4" C.I. WATER
6" C.I. WATER
8" V.C.P. SEWER
M.H. #3A
BM #2
8" V.C.P. SEWER
6" TRANSITE WATER

Scale: None

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	PORT ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 241855 FILED FEB. 19, 1948	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 19, 1948

Drainage Easement below M.H.T.L.
(N.Wly and S.Ely. of Anchorage Lane.) TIDELANDS

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 5 OF 23 SHEETS
W.O. № 17430

PLAN REVISION			
CHANGE	BY	DATE	APPROVAL

CONSTRUCTION RECORD
DATE STARTED — DATE COMPLETED
CONTR. — INSP.
FIELD BOOK 202 - 1699

E. F. Gabrielson 6/24/68
CITY ENGINEER — DATE

WATER DEPT.	SEWERAGE
PLANNING DEPT.	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL

OFFICE ENGINEER
SUPERVISOR
CHECKED
DESIGNED J. Tallevo
11556-5-D

HARBOR № 15-D-35

Administrative Record Page No. 021354

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

STREET
N35°44'40"E
GARRISON STREET
S54°14'20"E
SCOTT STREET
ROSECRANS
83+69.42
83+96.00
50.00 Left
26.58
Grade -3.9%
Grade -0.30%
Existing top of fill
Existing dredger fill
Construct new support See detail
Rip rap slope 5' each side of drain
Min. 2.0'
Min. 30'
Slope 1½:1
Reinforced Concrete Storm Drain See Sheet 2
B" to 12" Crushed rock (Type I as directed)
℄ Storm Drain
℄ 24" C.I. Sewer
℄ 12" C.I. Sewer
℄ 8" C.I. Sewer
℄ 6" Conduit
℄ 4" Conduit
Existing 8" C.I. Sewer
Existing 12" C.I. Sewer
Existing 24" C.I. Sewer
Existing 6" Conduit
Existing

Administrative Record Page No. 021355

KEATS STREET

SHAFTER ST.

LOWELL STREET

LINE "A"

LINE "B"

LINE "D"

SECTION A-A

SECTION B-B

DETAIL AT SOUTHERLY CORNER SHAFTER & KEATS STREET

Proposed 36" pipe

Proposed 18" Pipe

Edge of pavement

Existing ground line

CURB TOP OR RIP RAP

CONCRETE WALL & STEEL RAIL SEE STD. DWG. FOR DETAILS

6" C.I. Water

6" A.C. Water (To be raised by others)

30" CONCRETE PIPE (1250-D)

Flow line

CATCH BASIN NO. 2 LINE "A"

CATCH BASIN NO. 3 LINE "A"

CATCH BASIN NO. 4 LINE "A"

GROUND LINE

GUTTER GRADE

24" CONCRETE PIPE (1250-D)

18" CONCRETE PIPE (1250-D)

Make connection to existing 18" pipe.

Mean High Tide Line

Mean High Tide Line

CATCH BASIN NO. 1 STANDARD TYPE S CURB INLET SEE DETAIL

USE 6'-9" PIPE JOINTS WITH 5° BEVEL ON ONE END AROUND CURVE.

S67°45'40"W 104.60'

Δ = 9°26'
R = 30.5'
T = 24.28'
L = 47.99'

CATCH BASIN NO. 2 STANDARD TYPE H CURB INLET

CATCH BASIN NO. 3 STANDARD TYPE H CURB INLET

CATCH BASIN NO. 4 STANDARD TYPE H CURB INLET

749.14'

S88°36'55"E NORTH PROPERTY LINE

S88°36'20"E 1338±

℄ NLY. LINE of NORTH HARBOR DRIVE

℄ Limits of Harbor Drive

Plug existing 24" PIPE

℄ NORTH HARBOR DRIVE

NORTH LANE

SOUTH LANE

62.5'

100'

Curb Return Radius 14'

Curb line

Curb Return Radius 14'

Pipe Curve
Δ = 30°
R = 30.5'
T = 24.28'
L = 47.99'

Catch Basin No. 1 Standard Type S Curb Inlet

Concrete pipe collar around pipe

Concrete pipe collar around pipe

Curb line

Curb Return Radius 14'

30" CONCRETE PIPE (1250-D)

Flow line

Curb line

Curb Return Radius 14'

Existing 36" C.M.P. Storm Drain

Existing 18" C.M.P. Storm Drain

Existing 24" C.M.P. Storm Drain

Existing Storm Drain Manholes

Existing Curbs

Existing Gutters

Proposed storm drain as shown thus

LEGEND

15' Drainage Easement shown hatched

Min. 85# steel bolt Min. length 13"

Min. 1" shoulder bolts

Notch out flange of rail

3/4" x 14" x 12" plates

TYPICAL SECTION OF RIP RAP OUTFALL STRUCTURE

Notes.
City Datum: +9.01 M.L.L.W. or Harbor Datum.

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

TIDELANDS

APPROVALS
SAN DIEGO UNIFIED PORT DISTRICT
CITY OF SAN DIEGO
APPROVED FOR CONSTRUCTION
ORIGINAL CONVEYANCE ACCEPTED BY RESOLUTION NO. 1963 FILED FEB. 12, 1963

DRAIN ESMT. - From Shafter St. & Keats St. to North Harbor Dr. Then Ely. adj to N. Harbor Dr. to Lowell St.

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 7 OF 23 SHEETS

W. O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RDJ	CTJ	6-28-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

204-1699 LAMBERT COORDINATES

223-D

11556-7-D

Administrative Record Page No. 021356

TO THESE PLANS & CITY
2-39 FOR PUBLIC IMPROVEMENTS,
STORM DRAIN SYSTEM INCLUDING
AND CONNECTIONS TO EXISTING DRAINS

DATUM SEE AT MEAN LOWER
OF SAN DIEGO
TO BE ESTABLISHED IN THE FIELD TO
MATCH BASE'S OR CURB INSETS IN

NOS FOR LADDER
IS IN CAVING.

MAP SHOWING NEW STORM DRAINS
SCALE 1" = 200'-0"

Drain Easements below M.H.T.L. shown hatched

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT NO.
JUN 28 1968
FILED
MICROFILM NO. 31
OFFICE OF THE CLERK

TOP PLAN
1/2" ϕ 5" O.C. - 2 WAYS

TOP PLAN
90° RAIL 8-6

TOP PLAN
90° RAIL 6-8
6"X16" 1/2" PLATE AT EACH END

TOP PLAN
1/2" ϕ 8" O.C. - 2 WAYS
90° RAIL 6-2

ELEV. +12.6 ±
3/8" ϕ 8" O.C.-2 WAYS
1/2" ϕ 8" O.C. HORIZONTAL
3/8" ϕ 8" O.C. VERTICAL
TO 6' FROM BOTTOM
S.W. ELEVATION

ELEV. +13.6 ±
1/2" ϕ 8" O.C. HORIZONTAL
3/8" ϕ 8" O.C. VERTICAL
TO 6' FROM BOTTOM
S.W. ELEVATION

ELEV. +18.0 ±
3/8" ϕ 8" O.C.
2 WAYS
1/2" ϕ 8" O.C.
HORIZONTAL
3/8" ϕ 8" O.C.
VERTICAL
TO 6' FROM BOTTOM
S.W. ELEVATION

3/8" ϕ 8" O.C. - 2 WAYS
DRAIN ON NOELL ST.
BOTTOM PLAN
NOELL STREET MANHOLE
SCALE 3/8" = 1'-0"

DRAIN ON SUTHERLAND ST.
BOTTOM PLAN
SUTHERLAND STREET MANHOLE
SCALE 3/8" = 1'-0"

DRAIN ON BEAN ST.
3/8" ϕ 8" O.C. 2 WAYS
TO BULKHEAD LINE
BOTTOM PLAN
BEAN STREET MANHOLE
SCALE 3/8" = 1'-0"

MAP SHOWING DRAINAGE AREAS
Scale: 1" = 1000'-0"

20' Easement over existing drain

APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
ORIGINAL CONFORMS TO DISTRICT NO. 1111
ENGINEER

DRAIN ESMT. - Between Estudillo St. & Thorn St. & from Bean St. Sly. thru Lindbergh Field to San Diego Bay
TIDELANDS

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 8 OF 23 SHEETS
W.O. NO. 17430
CITY ENGINEER 6/24/68 DATE
OFFICE ENGINEER
SUPERVISOR
CHECKED 6-24-68
DESIGNED
DRAWN
TRACED
QUANTITIES
CHECKED
INDEX 206-1711
FIELD BOOK
CONSTRUCTION RECORD
DATE STARTED
DATE COMPLETED
CONTR
INSP.
WATER DEPT.
PLANNING DEPT.
ELECTRICAL
STRUCTURAL
TRAFFIC
SEWERAGE
DRAINAGE
HIGHWAY
GRADES
CONTROL

11556-8-D

Administrative Record Page No. 021357

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

PLAN-PROFILE SCALE H

60 61 62 63 64 65 66 67

CALIFORNIA ST.

NUTMEG ST.

PACIFIC HIGHWAY

Ground Line

Railroad Tracks

4" Asphalt Concrete

Concrete pipe collar

P.S.C. 60+06.82

E.C. 61+02.75

61+42.13 Equation

24" Drain

W

Light Pole

2" Asphalt on 6" Concrete Base

120 - 84" Concrete Pipe to be jacked into place

Concrete Pipe Collars

Match Line Sta 59+75

See Sheet 5

El. 20

El. 10

El. 0

Invert

84" Concrete Pipe

16" Sewer (Encase per 124.5.2)

El. 2.93

El. 2.84

El. 2.54

1750-D

1250-D

63+10 El. 1.75

64+10 El. 1.45

8" Sewer

NOTE: 0.4' Clearance between Sewer and storm drain.

51" Sewer

15" Water

3-4" RCP

Minimum clearance

2-MTD

Phone Co. to relocate

Concrete Pipe Collars

Concrete Pipe Collar

Invert El. 2.04

Invert El. 1.64

Invert El. 1.18

Asphalt Pavement

Match Line

See Sheet 7

El. 1300 Type E Cleanout 65+10

E.C. 64+58.56

P.C.C. 64+58.56

E.C. 64+00.41

E.C. 64+00.41

E.C. 0.40

E.O. 0.32

B.C. 66+86.12

E.C. 67+40.16

Q = 0.85 %

Profile of 84" Storm Drain

Profile Scale: Horizontal 1"=50'
Vertical 1"=6'

El. 50

Existing pipe (abandon)

Abandoned street railway tracks

Asphalt pavement

KETTNER ST.

Ground Line

Future Street Grade

El. 40

Type G Cleanout Connect to existing 6" pipe

6.8 %

Invert - 18" Concrete Pipe

169'

El. 30

Type G Cleanout 40.01 20+75

18" Sewer Suspended on 10.38

Abandon existing 20" line pipe

Type G Cleanout 4+90

Profile of 18" Storm Drain in CHALMERS ST.

Existing 18" pipe (Abandon)

Concrete slab

Concrete Pipe

Ground Line

Established Grade

Type G Cleanout 40.01 4+90

Type H Curb Inlet with 5' Portland cement concrete apron. Match existing curb grade Use 10' Curb Face

A.C. paving on concrete base

1" gas

18" Concrete Pipe

6" Water

8" Sewer

El. 40

El. 30

El. 25

El. 20

El. 15

8%

Thrust Block

24" Concrete Pipe

Invert

174.5'

Profile of 24" Storm Drain in WALNUT ST.

59'

MIDDLETOWN NUTMEG ST.

CALIFORNIA ST.

PACIFIC HIGHWAY

SEE SHEET 5

Tidelands of the Bay of San Diego

20' Drain easement below M.H.T.L. shown hatched.

3-82"-84" Concrete Pipe — (D-1150)

Concrete pipe collar

Sandblast Main Line Thrust

15" Sewer Suspended on 124.5.2

Manhole

Clean & concrete cradle under drain to one diameter above bottom

Concrete Pipe Collar

Steam High Tide Line

Chainlink fence

Gunnite lining

Steel Piling

Underground storage tanks

Shed - Inflammable

8" Sewer (Abd.)

Sheet Piling

Gunite lining

Chainlink fence

Gate

Concrete Pipe Collar

Concrete Slab

Asphalt

Concrete Pipe Collar

Concrete Slab

Asphalt

Concrete Slab

Concrete Pipe Collar

Asphalt

Concrete Slab

Concrete Pipe Collar

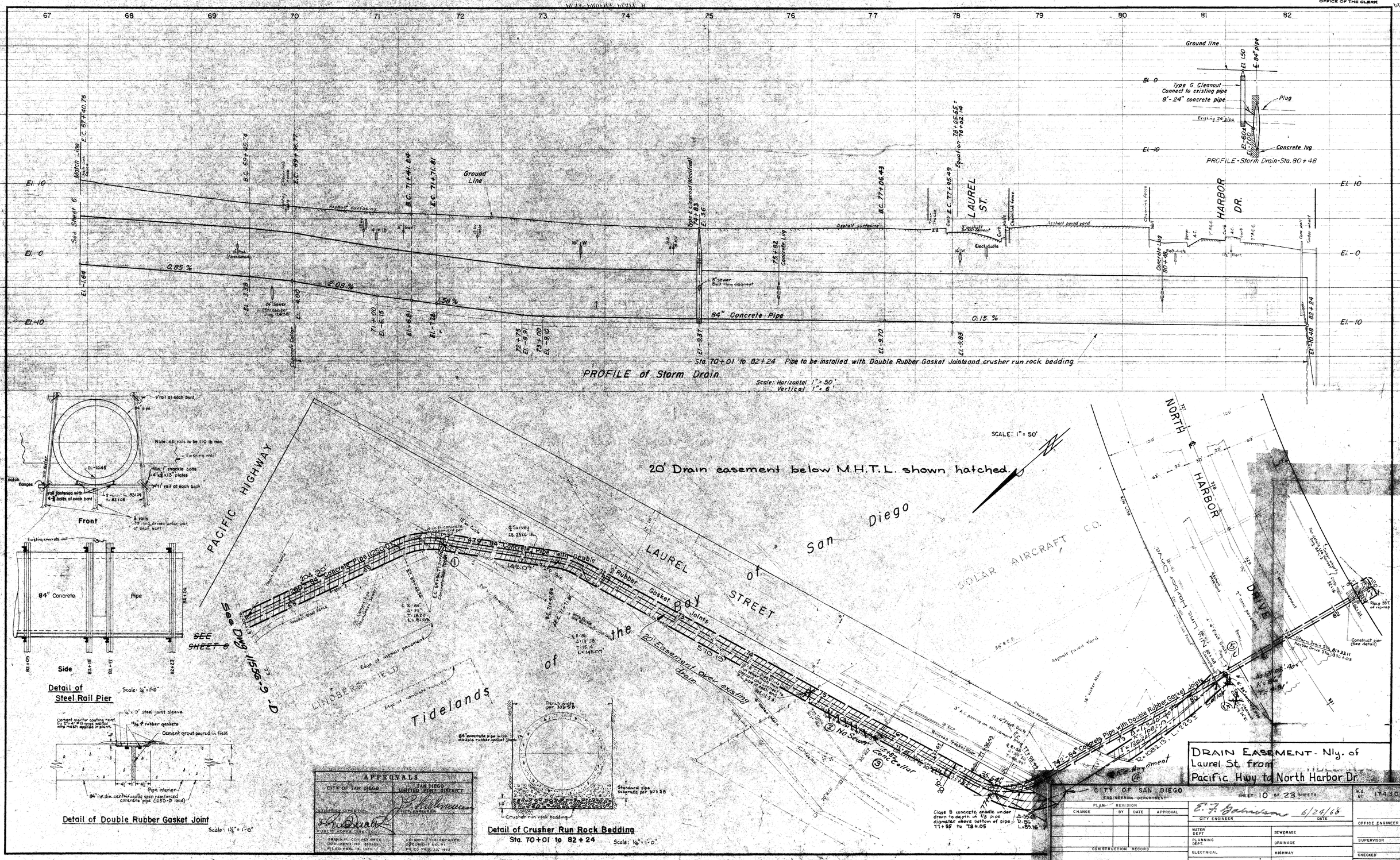
Asphalt

Concrete Slab

Concrete Pipe Collar

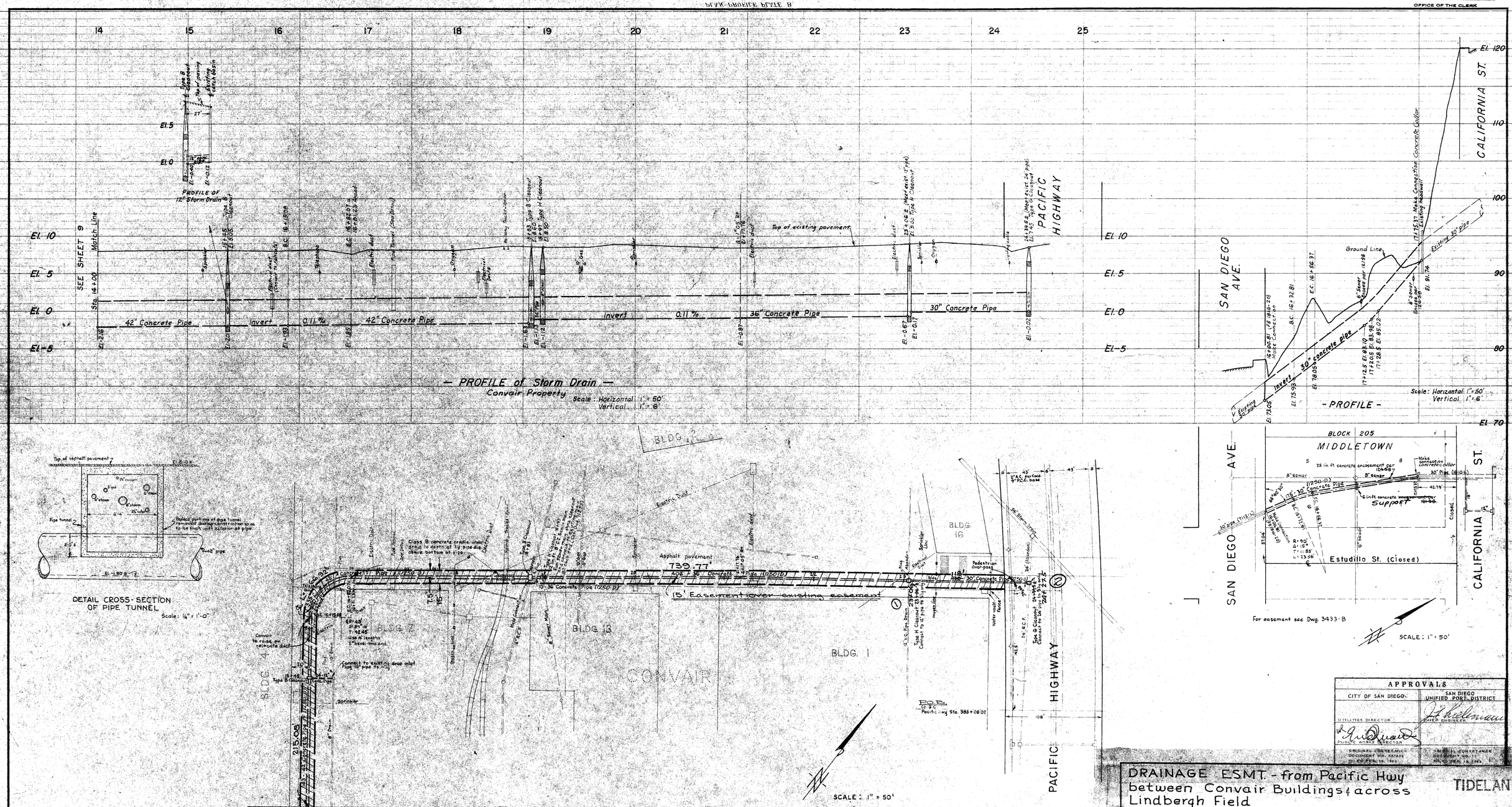
Administrative Record Page No. 021358

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No.
OFFICE OF THE CLERK



Administrative Record Page No. 021359

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 357633 FILED FEB. 16, 1961	ORIGINAL CONVEYANCE DOCUMENT NO. 11 FILED FEB. 16, 1961

DRAINAGE ESMT. - from Pacific Hwy between Convair Buildings & across Lindbergh Field

TIDELANDS

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT

SHEET 11 OF 23 SHEETS

W.O. No. 17430

PLAN REVISION			
CHANGE	BY	DATE	APPROVAL

CITY ENGINEER: E. F. Gabrielson — DATE: 6/24/68

OFFICE ENGINEER

WATER DEPT. | SEWERAGE
PLANNING DEPT. | DRAINAGE
ELECTRICAL | HIGHWAY
STRUCTURAL | GRADES
TRAFFIC | CONTROL U.T.J. 6-24-68

SUPERVISOR

CHECKED: R.C.J.

DESIGNED

CONSTRUCTION RECORD
DATE STARTED | DATE COMPLETED
CONTR. | INSP.
FIELD BOOK

INDEX 208-1713

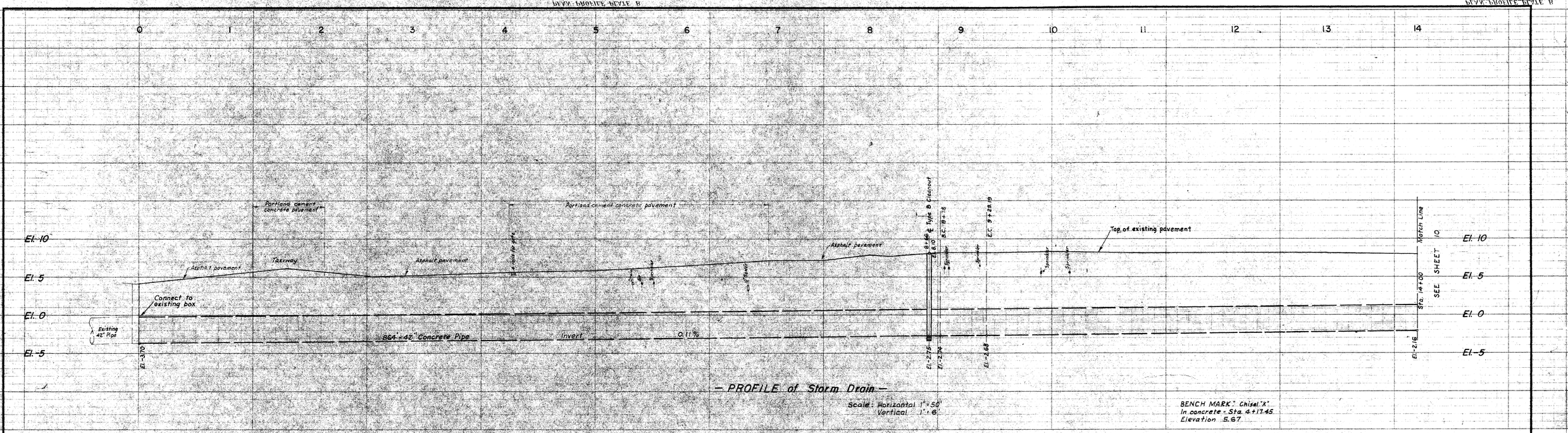
11556-11-D

~~HARBOR No.~~ Ref. Dwg. 2756-D

Administrative Record Page No. 021360

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

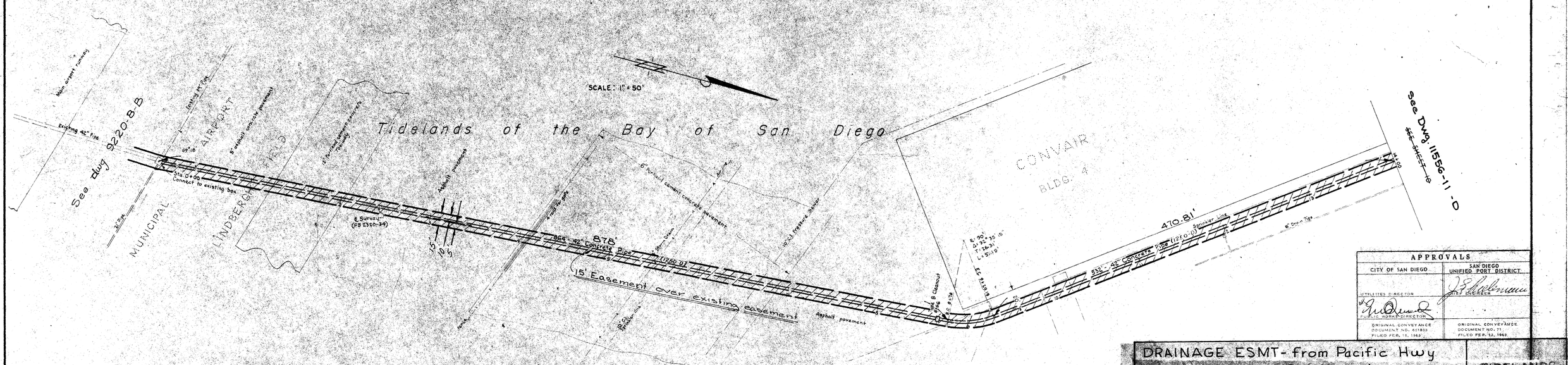
DWG. PROFILE STYLE B



— PROFILE of Storm Drain —

Scale: Horizontal 1"=50'
Vertical 1"=6'

BENCH MARK: Chisel 'K' in concrete - Sta. 4+17.45 Elevation 5.67



Easement below M.H.T.L. shown hatched

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR PUBLIC WORKS DIRECTION	CITY ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 601833 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 12, 1963

DRAINAGE ESMT- from Pacific Hwy between Convair Buildings & across Lindbergh Field

TIDELANDS

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT

SHEET 12 OF 23 SHEETS

W.O. No. 17430

PLAN REVISION			
CHANGE	BY	DATE	APPROVAL

E. F. Gabrielson 6/29/68
CITY ENGINEER DATE

OFFICE ENGINEER

WATER DEPT.	SEWERAGE	
PLANNING DEPT.	DRAINAGE	SUPERVISOR
ELECTRICAL	HIGHWAY	CHECKED
STRUCTURAL	GRADES	DESIGNED R.C.d
TRAFFIC	CONTROL	

CONSTRUCTION RECORD
DATE STARTED — DATE COMPLETED
CONTR. — INSP.
FIELD BOOK

INDEX 209-1713

11556-12-D

HARBOR No.
Ref City Dwg. 2755-D

Administrative Record Page No. 021361

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT NO.
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

NAVY-ARMORY BASE B

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

0-61.94 Concrete Collar (see detail)
3rd AVE.
0+90+W Wye Line 3rd Ave.
El. 9 Special Cleanout No. 1 (see detail) Ø 65.64 Δ 19°45' ℄ Lt.
1+47.64 Concrete Collar (see detail)
CONC. BLOCK WALL
CURB
A.C. PAVING
El. 23 3+15 Cleanout No. 2 (see detail)
A.C. WALK
NAVY FIELD
Ground Line (Flown)
6" FUEL OIL LINE
Rip Rap under fill
See Dwg. 2342-D
136' of 51" (4000-D) Centrifugal Concrete Pipe to be jacked into place
0.40 %
48" Centrifugal Concrete Pipe (3000-D)
Concrete Slab over 60" Sewer (see detail)
740' of 51" Centrifugal Concrete Pipe with Concrete Collars
0.20 %
Crusher Run. Rock Bedding (see detail)
Invert
6+87.64 Concrete Collar (see detail)
HARBOR DR.
9+75.64 Concrete Collar (see detail)
10+09.72 Bulkhead Connection (see detail)
88' of 51" (3600-D) Centrifugal Concrete Pipe to be jacked into place.
34.08' of 51" Centrifugal Concrete Pipe with Concrete Collars.
El. -8.71
El. -8.10
El. -7.61
El. -5.38
El. -9.08
El. -9.25
El. -10.56
El. -10.72
60" S
PROFILE OF STORM DRAIN
Scale Vertical 1"= 6'
Horizontal 1"=50'

1 48" Pipe from 1+47.64 to 0-53.94 is encased in Class A Concrete forming Support for 84" Sewer & also formed Collar at -53.94 Bedding Factor of 300%

Beach Mark Elevation 4.76
Top N.E. F.H. 4th. and K
F.B. 23/6-56

CITY DATUM
Zero City Datum equals +9.01 U.S.C. & G. Datum

NOTE
Concrete Collars shall be furnished with the centrifugal concrete pipe to be used between stations 1+47.64 and 8+87.64 and stations 9+75.64 and 10+09.72.

DETAIL OF CONCRETE COLLAR to be furnished with the centrifugal concrete pipe
Cement Calked in yard
Calked in the field
Concrete Collar
Pipe Interior
Cement mortar placed in field

TRENCH WIDTH
Concrete Pipe
4" MIN
2" Max. size Crusher Run Rock Bedding
Pipe Subgrade see 303-SB
DETAIL OF CRUSHER RUN ROCK BEDDING
SCALE 1"=1'

51" Concrete Pipe
Class A Concrete Collar to be poured in dry pit or tremie.
SECTION
NOTE: For details of existing bulkhead see drawings in City Engineer's file Nº 21225.
51" Pipe Cut Thru Seawall
51" Concrete Pipe
Do not disturb concrete tie
PLAN
DETAIL OF COLLAR AT BULKHEAD CONNECTION
SCALE 1/8"= 1'

Bolt Holes for Steps per Detail on Dwg. 311-SB
1/2" ∮ BARS 9" C.C.
Pressure Manhole Frame and Cover per dwg. 315-SB.
1/2" ∮ BARS
PLAN
NOTE: For steel and other details not shown see dwg. 311-SB
For elevation see profile
6" Construction joint
Class A Concrete
For elevation see profile
SECTION
DETAIL OF CLEANOUT NO. 2
SCALE 1/4"=1'

TOP
Pressure Manhole Frame and Cover per Dwg. 315-SB.
Class A Concrete
6-1/2" ∮ BARS
4-1/2" ∮ BARS
13-1/2" ∮ BARS
6-1/2" ∮ BARS
2-5/8" ∮ BARS I.S. & O.S.
48" Pipe
51" Pipe
1/2" ∮ BARS 10" C.C.
4-5/8" ∮ BARS
END ELEVATION
SIDE ELEVATION
DETAIL OF SPECIAL CLEANOUT NO. 1
SCALE 1"=1'

BLOCK 141
BLOCK 120
BLOCK 119
HORTON'S ADDITION
Scale 1"= 50'
Right of Way
S.D. & A.E. Ry. Co.
A.T. & S.F. Ry. Co.
Right of Way
STREET
AVENUE
3rd.
Concrete Support for Underfloat Sewer
Make Connection - Concrete Collar (see detail) (3000-D)
0-61.94 Concrete Collar (see detail)
0+90+W Wye Line 3rd Ave.
Special Cleanout No. 1 (see detail)
1+47.64 Concrete Collar (see detail)
Mean High Tide Line
6" FUEL OIL LINE (ABANDONED)
6" FUEL OIL LINE
6" WIRE FENCE
CLOSED
36" RCP
CONC. BLOCK WALL
2.5' CONC. BLOCK WALL
CURB
A.C. PAVING
A.C. WALK
3+15 Cleanout No. 2 (see detail)
12" GAS
60" SEWER (ABANDONED)
8" WATER
P.C.C. PAVING
DRAIN EASEMENT BELOW M.H.T.L. SHOWN HATCHED
Timber Bleachers set on concrete blocks
N 44° 58' 55" E
733.08'
15'
5'
136' of 51" (4000-D) Centrifugal Concrete Pipe to be jacked into place
Concrete Slab over 60" Sewer (See detail)
740' of 51" Centrifugal Concrete Pipe with Concrete Collars
LAWN SPRINKLING SYSTEM, 2" PIPES (APPROX. LOCATION)
Ball Field
Lawn
NAVY FIELD
M.H.T.L.
2nd SEWER
This spur track to be placed out of service to permit construction of storm drain and the contractor shall bear all expense of removal and restoration of track to its original condition. Contractor to accomplish same in the minimum of time possible to lessinterfere with operations of industries served by said track.
NOTE: Information has been received from the Railway Company that buried rip rap will be encountered approximately from Sta. 1+32 to Sta. 1+48 and that it may be impossible to jack pipe through this area. Should this be the case it shall be the entire responsibility of the contractor to arrange with the Railway Company to support and/or remove and restore the tracks in order to install the pipe by open-cut method and the contractor shall assume all expense incurred by the Railway Company in this connection.
STA. 228+27.91 EQ. HARBOR DR. II S.D. STATE DIVISION OF HIGHWAYS
DRIVE
HARBOR
N 50° 49' 18" W
9+75.64 Concrete Collar (see detail)
10+09.72 Bulkhead Connection (see detail)
Timber Piles
88' of 51" (3600-D) Centrifugal Concrete Pipe to be jacked into place.
34.08' 51" Centrifugal Concrete Pipe with Concrete Collars.
8" WATER
20" WATER
16" WATER
2" WATER
POLE
R/W
U.S. Bulkhead Line
A.C. PAVING
P.C.C. PAVING
60" SEWER
51" PIPE
12"
TRENCH WIDTH 6.3'
PLAN
Class A Concrete
8" MINIMUM
Pipe Subgrade and Crushed Rock Bedding
1/2 ∮ BARS 12" C.C. BOTH WAYS
2" MINIMUM CLEARANCE
SECTION AA
DETAIL OF CONCRETE SLAB OVER 60" SEWER MAIN
SCALE 1/8"= 1'
Jet at least 60% of materials between 60" sewer and concrete slab over an area 3' wide sym. about vert. ℄ of sewer pipe, after placing of concrete slab.
Class A Concrete
51" PIPE (4000-D)
51" PIPE
CENTER LINE SECTION
ELEVATION
DETAIL OF CONCRETE COLLAR at Sta. -0+61.94, Sta. 1+47.64, Sta. 8+87.64 and Sta. 9+75.64
SCALE 1/4"= 1'

SPECIFICATIONS
Standard Specifications filed July 7, 1954
Special Specifications Nº 453

APPROVALS
SAN DIEGO UNIFIED PORT DISTRICT
ORIGINAL CONFORMANCE

DRAIN ESMT. - Sly of 3rd & K Sts. thru Navy Field
13 23
C.F. Sammann 6/24/68
D.F.J. 6-24-68
11556-13-D
COORD. INDEX: 1198 - 1719
SCALE: 1"=50'

CONSTRUCTION RECORD
CONTRACTOR Dorman
DATE STARTED 5-2-55
DATE COMPLETED 8-13-55
INSPECTION Kraft
REVISIONS (3)
DATE 8-30-55 1170
W.O. No. 21225

Administrative Record Page No. 021362

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3283
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

℄ A.T. & S.F. R.R. MAIN LINE

5'-8" MINIMUM DEPTH OF COVER UNDER RAILROAD R/W

6" WATER MAIN

CASING MUST EXTEND MINIMUM DISTANCE OF 45' BEYOND ℄ OF EACH OUTSIDE TRACK

℄ APPROX 168' OF BORING UNDER RAILROAD R/W. ENCASE PIPELINES IN 2-18" ℄ 1-10" CASINGS.

ELEV. -27

16" WATERMAIN
REF. 3209, DEPT. OF PUBLIC WORKS
UNIT 7, HARBOR FRONT PIPE LINE

NOTE: Contractor to Use Extreme Caution in Vicinity of High Pressure H₂O Line.

36" R.C. STORM DRAIN

MEAN HIGH TIDE LINE

3/4" H.P. GAS

ELEVATION OF ℄ CROSBY ST.

PROPOSED DEPTH OF 4-10" ℄ 1-6 PIPELINES

JUNCTION BOX

42" R.C. STORM DRAIN

WATER ST. ℄

PROPOSED 10' SHELL OIL CO. R/W TO CONTAIN 4-10" PIPELINES AND REQUIRED CONDUITS

60'

6-10"

EXISTING DEPTH OF 6" PIPELINE

12" R.C. CROSS STORM DRAIN

2" WATER

8" SEWER

PROFILE OF CROSBY ST.
SCALE: HOR. 1"=20'
VER. 1"=3'
0.0 ELEV. BASED ON SAN DIEGO CITY DATUM

N 39° 16' 22" E 511.00' TO ℄ OF HARBOR DR.

196'±

4" WATER LINE

8" WATER MAIN

2" H.P. GAS LINE IN 4" CONDUIT

4" H.P. GAS LINE IN 6" CONDUIT

3/4" H.P. GAS LINE IN 2" CONDUIT

6" C.I. WATER PIPE

6" SEWER LINE

36" R.C. STORM DRAIN

2" WATER LATERAL

3/4" H.P. GAS LINE

PROPOSED 7½" EASEMENT TO CONTAIN 4-10" LINES ℄ 1-6" LINE + CONDUITS

N 55° 53' 43" E

72.10'

℄ SPUR TRACK

6" WATER MAIN

EXISTING SOUTHWEST ONYX & MARBLE COMPANY BLDG.

N 48° 01' 08" E

CHAIN LINK FENCE

SUMP

1'-0"

16" WATER MAIN

SCALE 1"=20'

A.T. & S.F. R.R. MAIN LINE ℄

MEAN HIGH TIDE LINE

EXISTING SHELL O/L CO. 10' R/W CONTAINS 6-6" PIPELINES & 2-1" CONDUITS TO BE REPLACED BY PROPOSED 4-10" ℄ 1-6" PIPE LINES ℄ REQ'D. CONDUITS.

95'

26.14'

JUNCTION BOX 36" R.C. STORM DRAIN TO 42" STORM DRAIN

N 39° 18' 15" E

330'

20' 20'

10'

42" R.C. STORM DRAIN

15'

30'

80'

℄ CROSBY ST.

30'

50'

MATCH LINE

WATER ST.

U.S. BULKHEAD LINE

188.70'

FOR ESMT. ADJOINING & IN WATER ST. SEE 11557-12-D

MATCH LINE

30'

WATER ST.

SEE 11557-12-D

42" R.C. STORM DRAIN

MATCH LINE

EXTENDED R.W. LINE of WATER ST.

6' SIDE WALK

30'

24'

6" SEWER MAIN

6" WATER C.I. PIPE

℄ CROSBY ST.

60'

19'

11'

6" CURB LINE

70.96'

205'

30'

5" R.C. CROSS STORM DRAIN

MANHOLE

Note: See 11558-6-D For Gen. Utility Esmt. in Water St.

CATCH BASIN

18" V.C.P. SEWER

8" TRANSITE WATER LINE

SHELL OIL CO. VALVE BOX

APPROVALS
SAN DIEGO UNIFIED PORT DISTRICT

DEPUTY

General Utility & Drain Esmt. in Crosby St. Extended Below the M.H.T.L. TIDELANDS

14 23

6/24/68

OJB 6-24-68

COORD. INDEX 192-1743

SCALE 1"=20'

11556-14-D

REF 7811-D

Administrative Record Page No. 021363

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

Administrative Record Page No. 021364

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 33883
FILED JUN 28 1966
MICROFILM NO. 31
OFFICE OF THE CLERK

Station 7.5 7.6 7.7 7.8 7.9 8.0 8.1 8.2 8.3

Bench Mark Elevation 3.00
N W B P 13th and Imperial

75+25.75 End Transition Structure and Begin Double 13'x8' Concrete Box.

See Sheet 10

77+63.0 End Double 13'x8' Concrete Box and Begin Unlined Open Channel

834+21.85 End of Unlined Channel

10
5
0 CITY DATUM
-5
-9.01 = M.L.L.W.
-10

Backfill to grade of adjacent ground

¾"G.I. ①

8" C.P. ①

237.21 lin. ft. of Double 13'x8' Concrete Box (see detail sheet 2©)

18" R.C.P. ①

Ground Line

0.10 %

0.10 %

0.10 %

Invert of Open Channel

Crushed Rock Bedding

S.D. & A.E. Ry. Trucks

A.T. & S.F. Ry. Trucks

DOUBLE 13' X 8' CONCRETE BOX

El. - 7.23

El. - 7.47

El. - 8.03

PROFILE
Scale Vertical 1" = 6'
Horizontal 1" = 40'

Drain Esmt. Below M.H.T.L. Shown Hatched

6"C.I. ③ STANDPIPE (PLUGGED) ACCESS FOR PUMP HOSE LIGHTS, ETC.

Transition Structure №2

NEWTON AVE.

13th ST

12" GAS 6" GAS 12" WATER 6" WATER

10'X5' CONCRETE BOX 6" WATER

2" DRAIN

(CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING TIMBER BULKHEAD TO 1' BELOW BOTTOM OF BOX SECTION)

75+23.77 Δ = 34°34' 30" End of Transition Structure and Begin Double 13'x8' Conc. Box.

77+18.9

77+63.0 End Double 13'x8' Concrete Box and Begin Unlined Open Channel.

79+32.3

558.9 lin. ft. of Unlined Open Channel (see detail this sheet)

7.8 3 7.7

257.21 lin. ft. of Double 13'x8' Concrete Box (see detail sheet 2©)

2.50 30.00

7.8 SURVEY LINE FB 221-22 7.9 8.0 8.1 8.2 8.3

30.0 60.0

87° 19'

ACTUAL C.P.

Right of Way

DR.

HARBOR

Right of Way

S 39° 21' 15" W 52.33'

See Sheet 11556-17 D

Match line

10'-3" L.F. NEW 18" R.C.P.

S 39° 07' 15" W

550.61'

24" WATER

MEAN HIGH TIDE LINE

S.D. & A.E. Ry.

A.T. & S.F. Ry.

8" WATER

DOUBLE 10'X5' CONCRETE BOX ABANDONED

DOUBLE 13'X8' CONCRETE BOX DWG. 13773-B

75+45.19 75+22.10 (CESSPOOL) 75+19 74+13.40 74+13.40 ¾" G.I. PIPE 74+13.40 74+67.10 74+67.10 74+39.25 End Double 10'x5' Concrete Box and Begin Transition Structure

See Sheet 10

UNNUMBERED PUEBLO LOT
Know as the "Hartupee Tract"

MUNICIPAL TIDELANDS OF THE BAY OF SAN DIEGO

SCALE 1"=40'

CROSS SECTION DETAIL of UNLINED OPEN CHANNEL
Sta. 77+63 to Sta. 83+22
NO SCALE

1½:1 Slope

For elevation see profile

10'

REVISIONS
① EXISTING 18", 8", ¾" DRAINS
②{ CONSTRUCTION JOINT LOCATIONS
CONSTRUCTION SEQUENCE AS NUMBERED
③ STANDPIPE LOCATION

Ref Dwg: 3624-D

Right of Way plat dwg. 6103-B

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
LETTER DATED JUNE 13 1966	CHIEF ENGINEER
CITY CLERK	
TO FINAL CONVEYANCE (OPEN NO. 11556)	ORIGINAL CONVEYANCE DOCUMENT (NO. 7) FILED FEB. 3, 1953

DRAIN ESMT.- Switzer Creek from Mean High Tide Line to Wly. of R.R. R/W

16 23 17430

07 60465

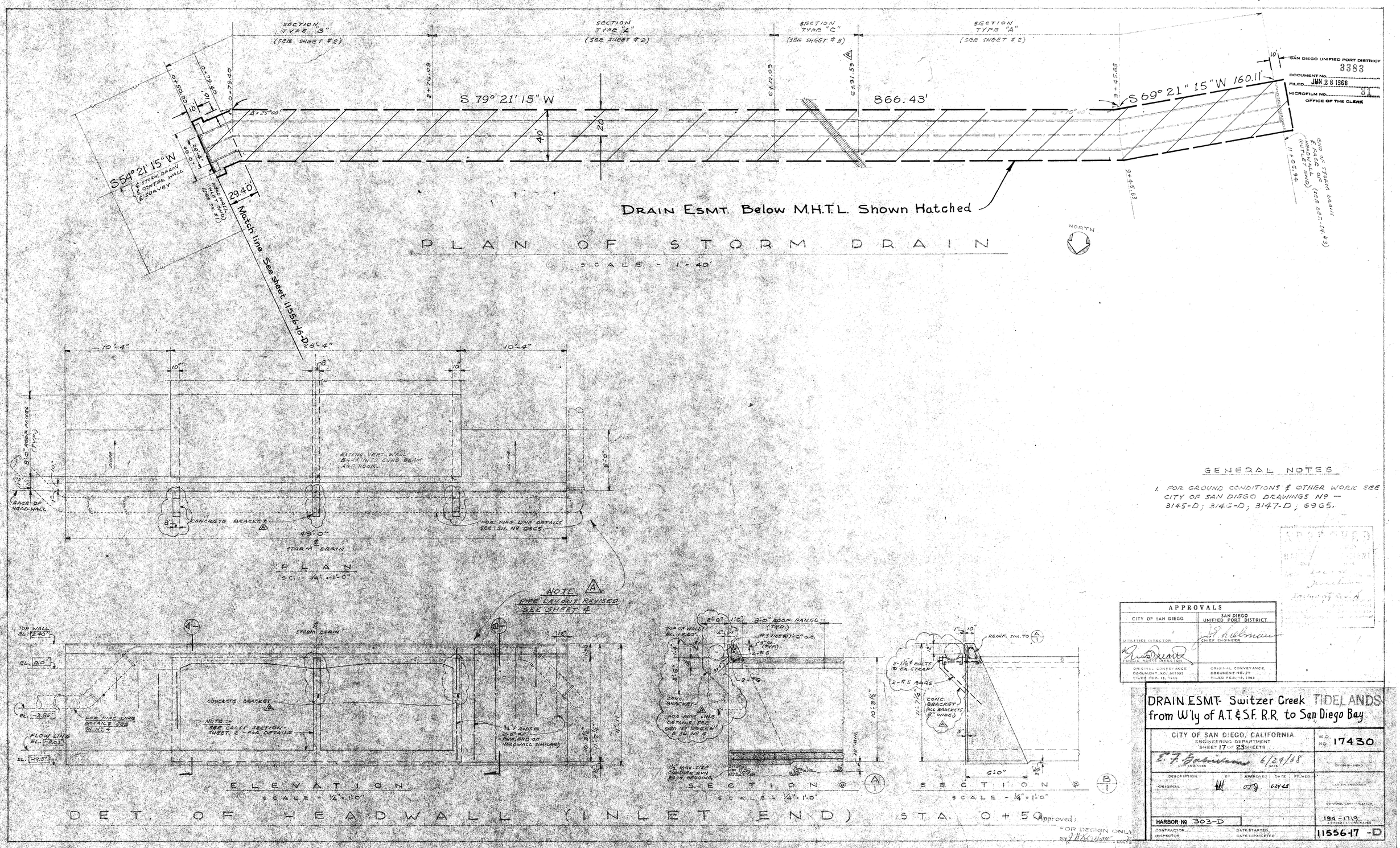
196 - 17 21

11556-16 -

CONSTRUCTION RECORD W. O. No 21269

CONTRACTOR	H.F. VanValkenburgh Co.	ENGINEER	Walker F. Parsons
DATE STARTED	9-26-55	DATE	4-25-56
DATE COMPLETED	10-21-55	AS BUILT	6-15-59 SWE

Administrative Record Page No. 021365



GENERAL NOTES

1. FOR GROUND CONDITIONS & OTHER WORK SEE CITY OF SAN DIEGO DRAWINGS No — 3145-D; 3146-D; 3147-D; 6965.

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 561933 FILED FEB. 18, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 18, 1963

DRAIN ESMT- Switzer Creek TIDELANDS from W'ly of A.T. & S.F. R.R. to San Diego Bay

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 17 OF 23 SHEETS

W.O. No. 17430

E. F. Galvison 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL		OJG	6-24-68	

CLASSIFICATION ENGINEER

CONTROL CERTIFICATION

HARBOR No 303-D

194-1719
ASSESSOR'S COORDINATES

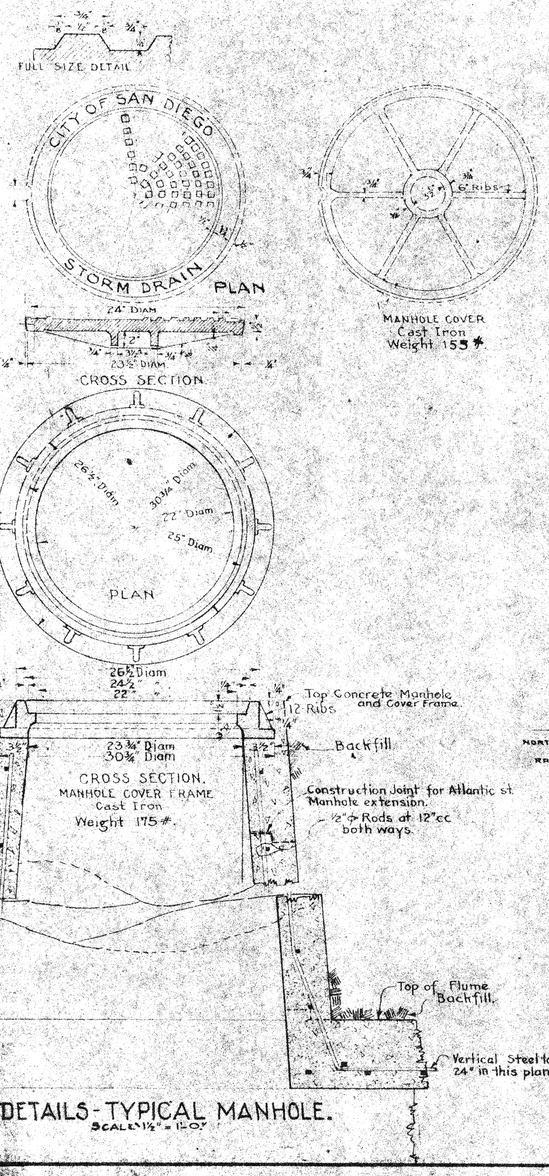
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11556-17 -D

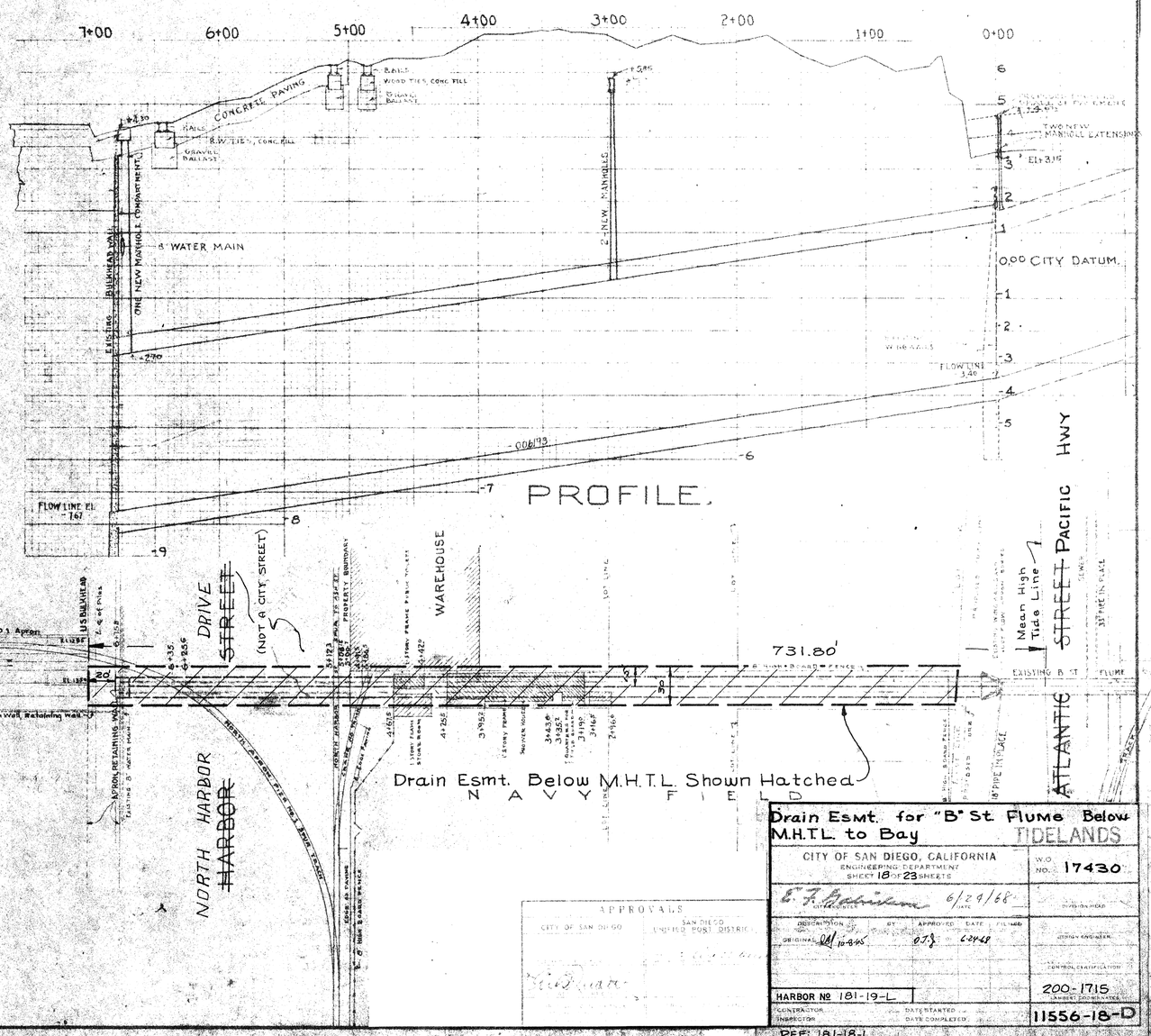
Approved:
FOR DESIGN ONLY
BY J. H. Kershaw DATE

Administrative Record Page No. 021366

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 34
OFFICE OF THE CLERK



DETAILS - TYPICAL MANHOLE.
SCALE 1½" = 1'-0"



Drain Esmt. for "B" St. Flume Below M.H.T.L. to Bay — TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 18 OF 23 SHEETS

W.O. NO. 17430

6.F. Bonham 6/24/68
CITY ENGINEER DATE

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL				

DIVISION HEAD
UTILITY ENGINEER
CONTROL CERTIFICATION

APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT

HARBOR NO 181-19-L
200-1715
CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED
11556-18-D

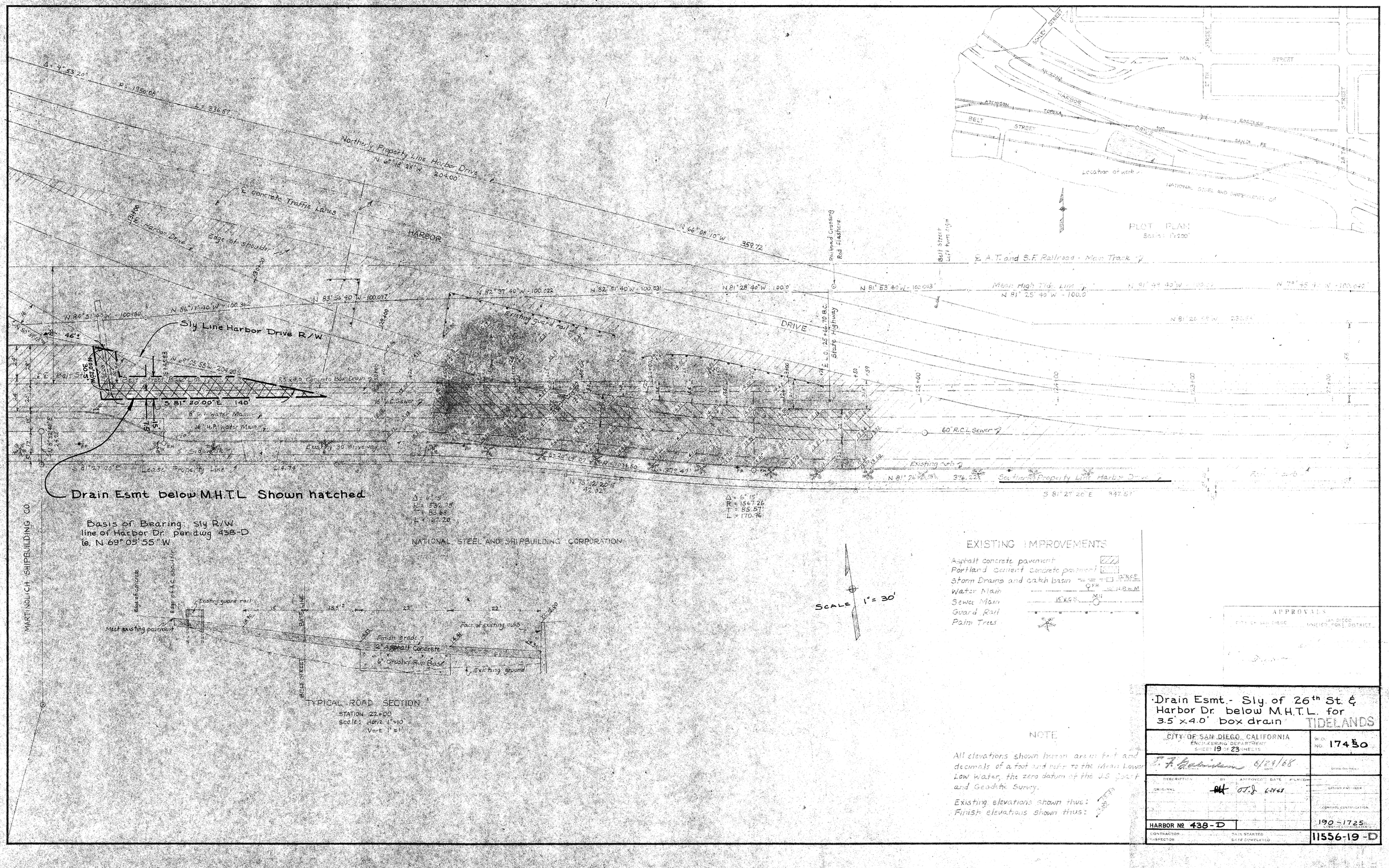
REF: 181-18-L
4722-A-D

2-72" ϕ pipes SEE FB 24/3, 4-75 USED 7/5 [illegible]

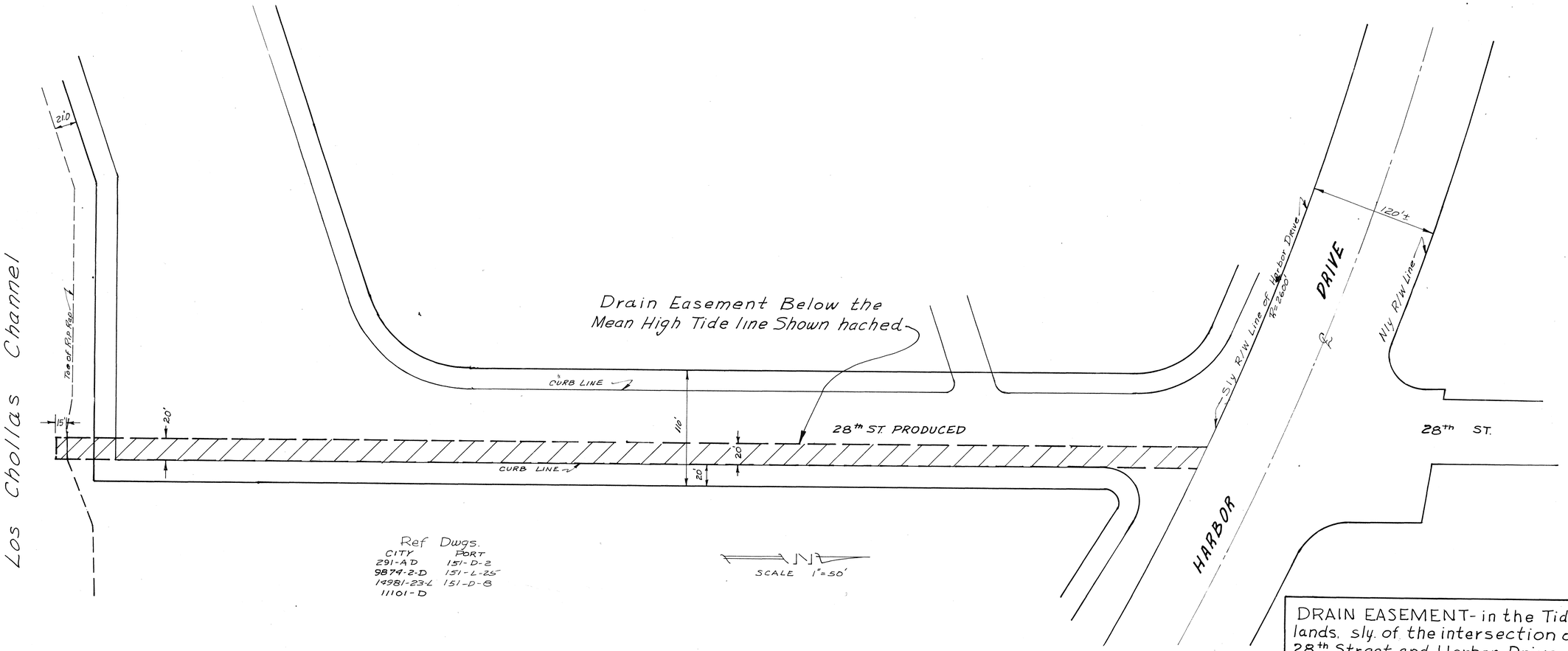
181-19-L

Administrative Record Page No. 021367

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 51
OFFICE OF THE CLERK



Ref Dwgs.

CITY	PORT
291-AD	151-D-2
9874-2-D	151-L-25
14981-23-L	151-D-8
11101-D	

DRAIN EASEMENT- in the Tidelands, sly. of the intersection of 28th Street and Harbor Drive

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 16, 1967	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 15, 1961

APPROVALS	
DEPARTMENTAL	ENG. DEPT. DIVISION OR SECTION
PLANNING	CONST. INSPECTION
PROPERTY	ELECTRICAL
PUBLIC WORKS	FIELD CHECK
RECREATION	GRADES AND DRAINS
UTILITIES	HIGHWAYS
	MONUMENTS
STRUCTURAL	PARKS
TRAFFIC	SEWERAGE
WATER	STREET ACTIONS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 20 OF 23 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	[illegible]	O.J.	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

190-1727
LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11556-20-D

Administrative Record Page No. 021369

NORTH HARBOR DRIVE

South property line of Harbor Drive

Existing 48" R.C.P.

Existing 30" R.C.P.

Sta. 387+80.93 ℄

Sta. 384+62.09 ℄

Sta. 382+89.89

Collection along Harbor Dr.

S86°26'49"E ℄ NORTH HARBOR DRIVE

S 56° 37' 58" W 166.47'

Abandoned

Make connection

F.L. 0.32

NOT IN CONTRACT

48" R.C.P. storm drain @ 2.1%

Construct 232' of

+F.L. -0.14

See detail of outfall

WEST BASIN

F.L. 5.58'

Construct Type D catch basin with type 9-2 grate. See Dwgs. D-12-55 D-33-59

El. 12.0

Remove 12' of projecting rails

12S

Construct

C.O.

El. 12.5

Fill joints of last four lengths of existing 36" R.C.P. on inside and where visible on outside.

Existing railroad rail outfall extends approx. 12' past end of existing 36" pipe.

S 48°26'26" W

Construct 198' of 36" R.C.P. storm drain

F.L. 5.36

F.L. 4.46'

F.L. 4.48

F.L. 4.30'

Note:

Fill will be to approx. elevations shown before start of work.

El. 13.6

<≈102°±

S 29°23'34" E

Construct 298' of 12" R.C.P. storm drain @ 2.48%

El. 13.5

Make connection

Existing 12" R.C.P.

Re-align last length of existing 12" R.C.P. with existing portion.

F.L. 10.10

See detail of concrete lug.

El. 14.0

TOWING BASIN BUILDING

Existing concrete wall

See detail of out fall

El. 14.5

F.L. 3.5

101'±

Approximate top of bank (Under construction)

EAST BASIN

SAN DIEGO SPEEDBOAT CLUB

INSTITUTE OF OCEANOGRAPHICAL SCIENCES

Existing concrete wall

100'±

SCALE 1"=50'

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM No. 34
OFFICE OF THE CLERK

WORK TO BE DONE

The improvement consists of the construction of storm drains, including appurtenant structures and the modifications thereof, as shown on the drawings and as listed hereinafter in accordance with the specifications thereof.

The construction of approximately 32' of 12" R.C.P., 300' of 36" R.C.P., 124' of 36" R.C.P., and 265' of 48" R.C.P. storm drain, all as shown hereon.

CITY STANDARD DRAWINGS

D-12-55 Precast reinforced concrete slab and grating

D-33-59 Type D catch basin

All elevations shown hereon are in feet and decimals of a foot, and refer to the mean lower low water, the zero datum of the U.S. Coast & Geodetic Survey.

Basis of Bearing: ℄ of Harbor Dr per dwg. 204-D-1 (Harbor dwg) I.E. S86°26'49"E

Ref Dwgs:
603-D (HARBOR DWG)
17-D-114 " "
204-D-1 " "
6155-3R CITY
12125-2A-D CITY

LOCATION PLAN

Scale 1000' 2000' 3000' 4000' 5000'

BASILONE HIGHWAY, CONVAIR, LINDBERGH FIELD, HARBOR DRIVE, RYAN, LAUSEN ST., WEST BASIN, EAST BASIN, HARBOR ISLAND, LOCATION OF WORK, FAA TOWER, COAST GUARD, Bay of San Diego, CIVIC CENTER, ASH ST., HARBOR DEPT. ADMIN. BLDG.

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
CITY ENGINEER	
ASSISTANT DIRECTOR	
PUBLIC WORKS INSPECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. [illegible]	ORIGINAL CONVEYANCE DOCUMENT NO. 71 DATED SEPT. 13, 1963

DRAIN ESMT. - Sly of HARBOR DR. adjacent to the ENTRANCE of HARBOR ISLAND

EASEMENTS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 21 OF 23 SHEETS

W.O. NO. 17430

CITY ENGINEER ____ DATE ____ DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	[illegible]	[illegible]	6-24-68	

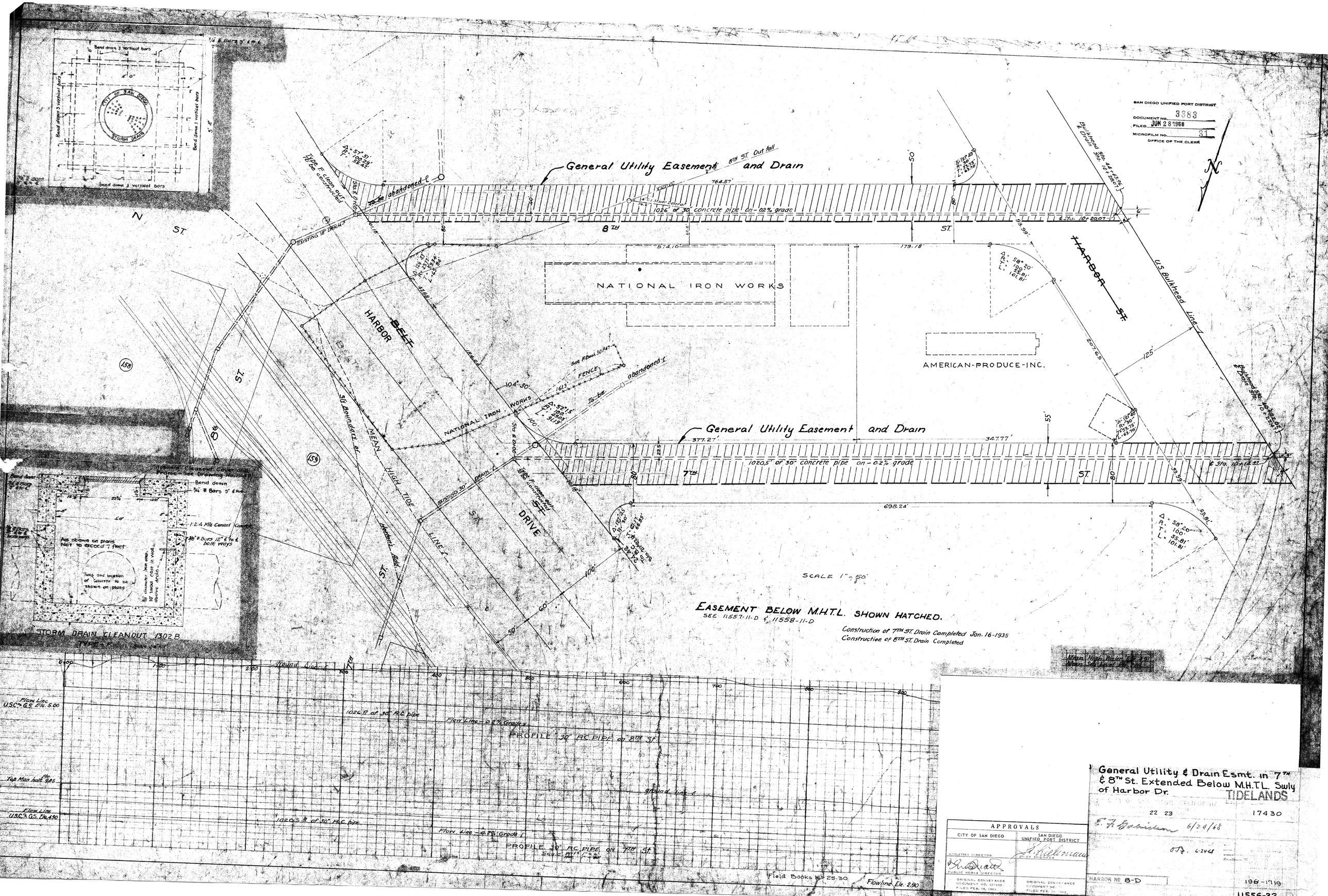
DESIGN ENGINEER

CONTROL CERTIFICATION

204-1709 LAMBERT COORDINATES

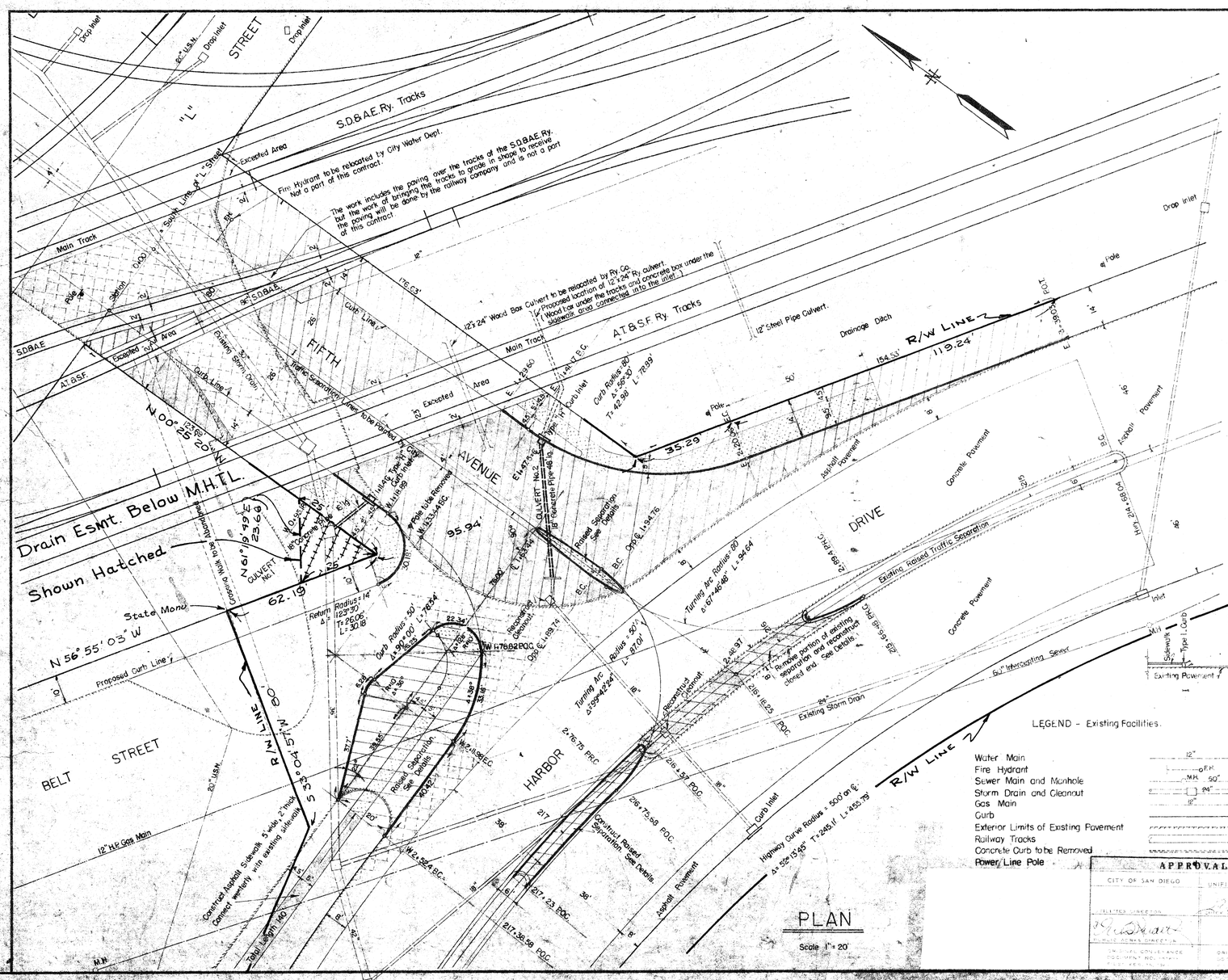
CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

11556-21-D

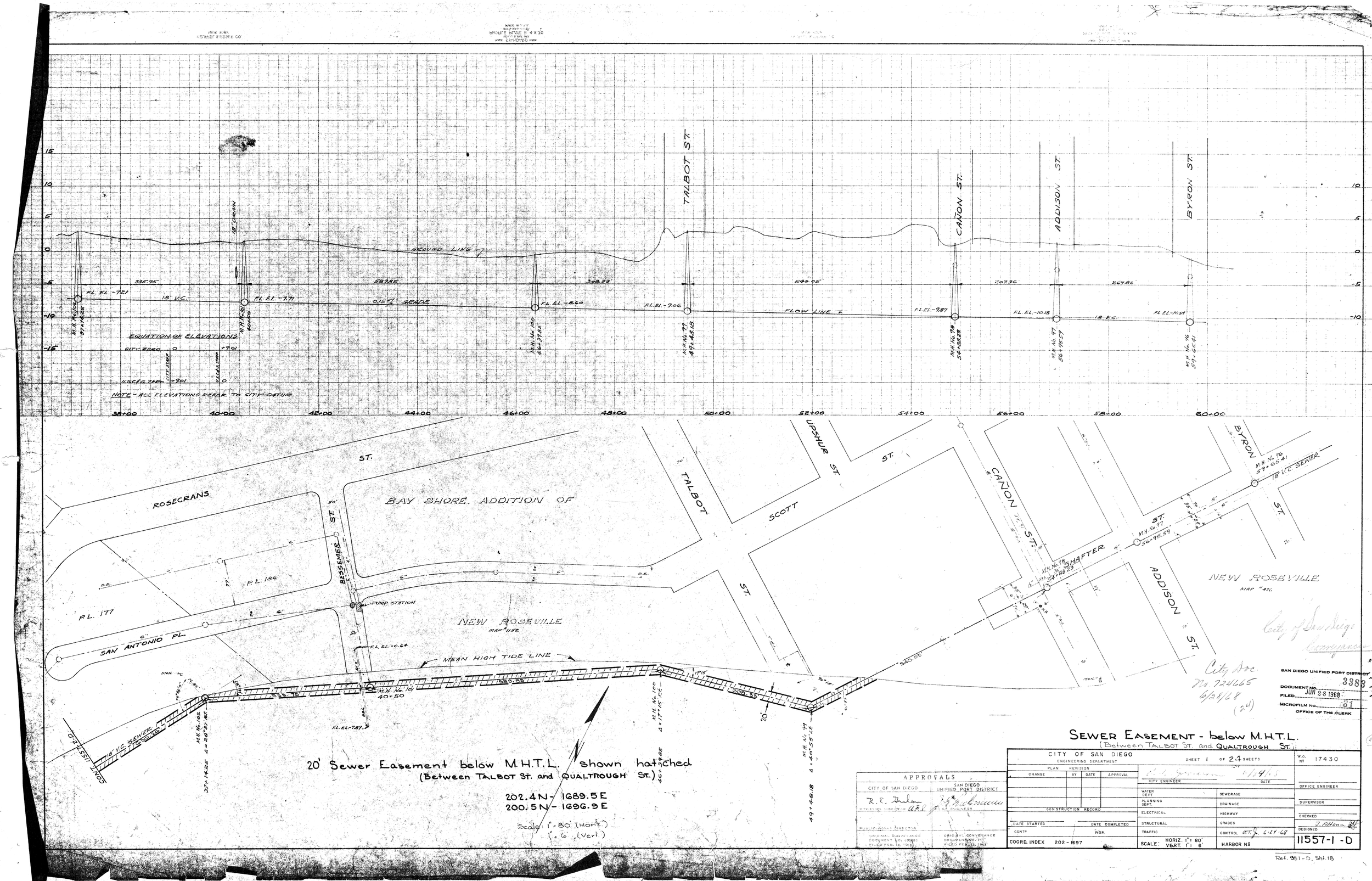

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK
General Utility Easement and Drain
8th ST. Out fall
764.57'
1026' of 30" concrete pipe on -0.2% grade
8TH ST.
N ST.
HARBOR ST.
U.S. Bulkhead Line
NATIONAL IRON WORKS
AMERICAN-PRODUCE-INC.
BELT
HARBOR
DRIVE
MEAN HIGH TIDE LINE
General Utility Easement and Drain
377.27'
347.77'
1020.5' of 30" concrete pipe on -0.2% grade
7TH ST.
698.24'
SCALE 1" = 50'
EASEMENT BELOW M.H.T.L. SHOWN HATCHED.
SEE 11557-11-D & 11558-11-D
Construction of 7TH ST. Drain Completed Jan. 16-1935
Construction of 8TH ST. Drain Completed
STORM DRAIN CLEANOUT 1302 B
Bend down 3 vertical bars
Flow Line U.S.C.&G.S. Ele. 5.00
1026 ft of 30" R.C. pipe
Flow Line -0.2% Grade
PROFILE 30" R.C. PIPE on 8TH ST.
Top Man hole Ele. 9.85
Flow Line U.S.C.&G.S. Ele. 4.90
1020.5 ft of 30" R.C. pipe
Flow Line -0.2% Grade
PROFILE 30" R.C. PIPE ON 7TH ST.
Field Books No. 25-30
Flowline Ele. 2.90
APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR
CHIEF ENGINEER
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 551839 FILED FEB. 15, 1963
ORIGINAL CONVEYANCE DOCUMENT NO. FILED FEB. 15, 1963
General Utility & Drain Esmt. in 7TH & 8TH St. Extended Below M.H.T.L. Swly of Harbor Dr.
TIDELANDS
22 23
17430
6/24/68
HARBOR No 8-D
196-1719
11556-22

Administrative Record Page No. 021371

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT NO.
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK


STREET
Drop Inlet
12"C.I.S.W.
"L"
S.D.&A.E.Ry. Tracks
Excepted Area
Fire Hydrant to be relocated by City Water Dept. Not a part of this contract.
The work includes the paving over the tracks of the S.D.&A.E.Ry. but the work of bringing the tracks to grade in shape to receive the paving will be done by the railway company and is not a part of this contract.
Main Track
FIFTH
AVENUE
Curb Line
Traffic Separation Lines to be Painted
Drain Esmt. Below M.H.T.L. Shown Hatched
N 00° 25' 20" W
State Mono.
N 56° 55' 03" W
Proposed Curb Line
BELT
STREET
12" H.P. Gas Main
Construct Asphalt Sidewalk 5"thick, 2"thick Connect smoothly with existing sidewalk
Total length 140'
M.H.
Culvert to be relocated by Ry. Co.
Proposed location of 12'x24' Ry. culvert.
(Wood bar under the tracks and concrete box under the sidewalk and connected into this inlet.)
12'x24" Wood Box Culvert
AT&S.F. Ry. Tracks
12" Steel Pipe Culvert
Drainage Ditch
R/W LINE
119.24'
154.53'
Curb Radius=80' T=42.58' L=78.89'
Pole
Fire Hyd.
Type "H" Curb Inlet
Elev. 13.45
Elev. 13.23
Elev. 13.60
Elev. 13.69
Elev. 13.74
Elev. 13.84
Elev. 13.94
Elev. 14.04
Elev. 14.14
Elev. 14.24
Elev. 14.34
Elev. 14.44
Elev. 14.54
Elev. 14.64
Elev. 14.74
Elev. 14.84
Elev. 14.94
Elev. 15.04
Elev. 15.14
Elev. 15.24
Elev. 15.34
Elev. 15.44
Elev. 15.54
Elev. 15.64
Elev.

Administrative Record Page No. 021372



20' Sewer Easement below M.H.T.L. shown hatched
(Between TALBOT ST. and QUALTROUGH ST.)

202.4N - 1689.5E
200.5N - 1696.9E

Scale: 1" = 80' (Horiz.)
1" = 6' (Vert.)

SEWER EASEMENT - below M.H.T.L.
(Between TALBOT ST. and QUALTROUGH ST.)

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Thulan UTILITIES DIRECTOR	[illegible] V.P. ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL SURVEYANCE DOCUMENT NO. 37383 FILED FEB. 16, 1961	ORIGINAL CONVEYANCE DOCUMENT NO. 77 FILED FEB. 8, 1962

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 1 OF 24 SHEETS

PLAN REVISION			
CHANGE	BY	DATE	APPROVAL

C. E. Symons 6/14/68
CITY ENGINEER DATE

CONSTRUCTION RECORD
DATE STARTED DATE COMPLETED
CONTR INSP.
COORD. INDEX 202 - 1697

WATER DEPT.	SEWERAGE
PLANNING DEPT.	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL [illegible] 6-24-68
SCALE: HORIZ. 1" = 80' VERT. 1" = 6'	HARBOR NO.

W.O. NO. 17430
OFFICE ENGINEER
SUPERVISOR
CHECKED
DESIGNED T. Pihos
11557-1-D

City of San Diego
Compared

City Doc. No. 724665 6/24/68 (24)

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 01
OFFICE OF THE CLERK

Ref. 981-D, Sht. 18

Administrative Record Page No. 021373

SEWER EASEMENT - below M.H.T.L.
(Between TALBOT ST. and QUALTROUGH ST.)

20' Sewer Easement below M.H.T.L. shown hatched
(Between TALBOT ST. and QUALTROUGH ST.)

202.4N - 1689.5E
200.5N - 1696.9E

Scale: 1" = 80' (Horiz)
1" = 6' (Vert.)

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Grahan	J. F. Fuhrmann
UTILITIES DIRECTOR	PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 65183 FILED FEBRUARY 1968	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 12, 1968

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT

SHEET 2 OF 24 SHEETS

W.O. No. 17430

PLAN REVISION

CHANGE	BY	DATE	APPROVAL

CONSTRUCTION RECORD

DATE STARTED — DATE COMPLETED
CONTR. — INSP.
COORD. INDEX: 200-1695

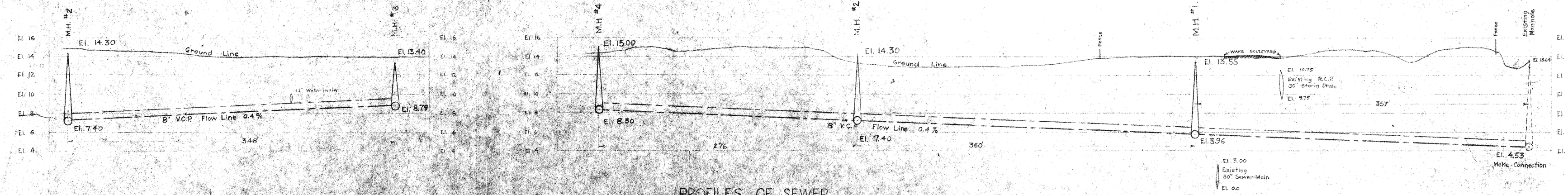
CITY ENGINEER — DATE 6/24/68

WATER DEPT. — SEWERAGE
PLANNING DEPT. — DRAINAGE
ELECTRICAL — HIGHWAY
STRUCTURAL — GRADES
TRAFFIC — CONTROL 6-24-68

OFFICE ENGINEER
SUPERVISOR
CHECKED J. Altona
DESIGNED

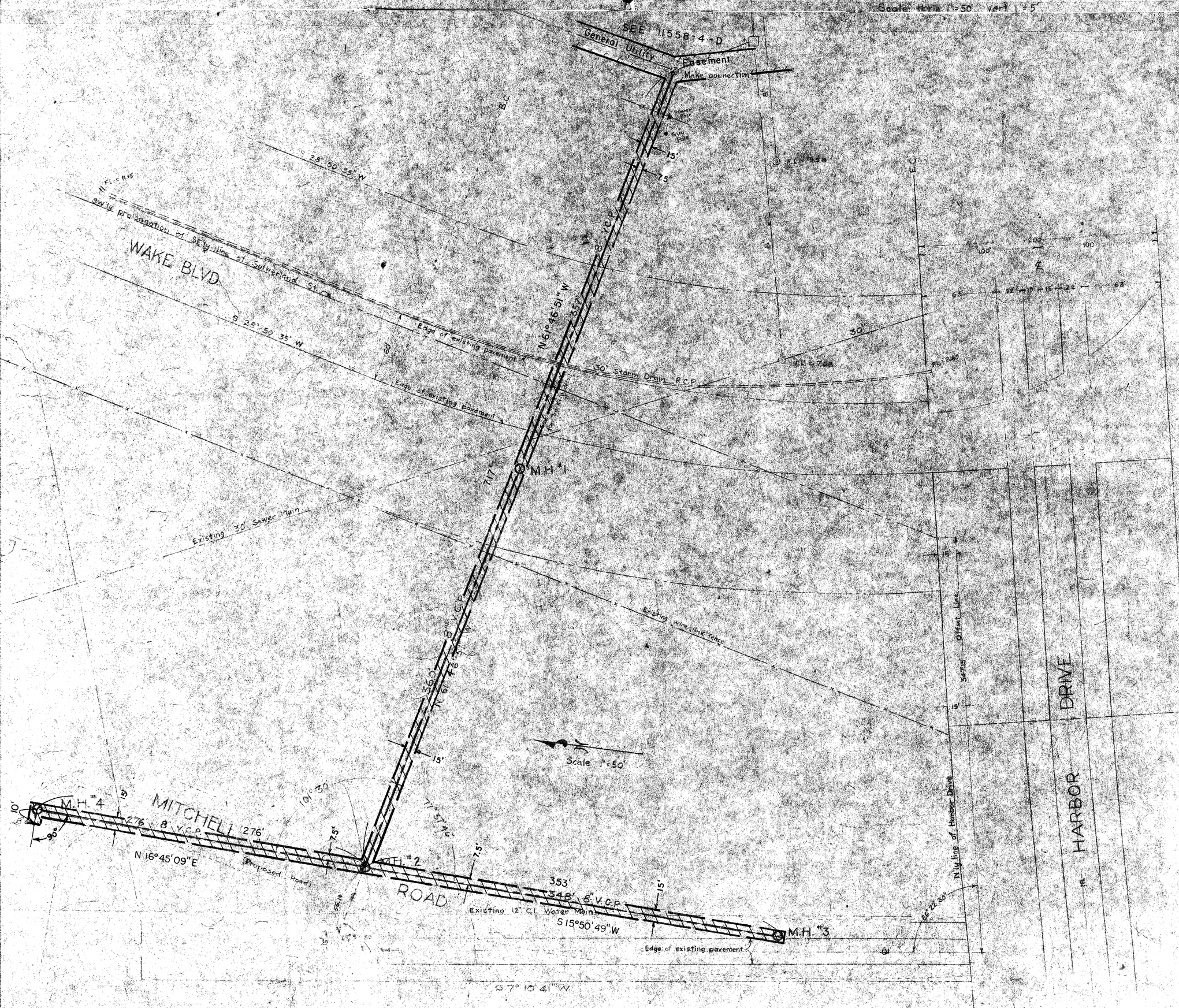
11557-2-D

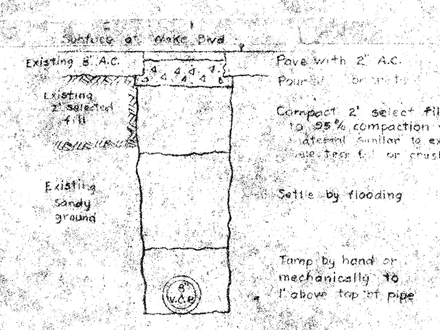
Ref. 981-D, sht. 19



PROFILES OF SEWER

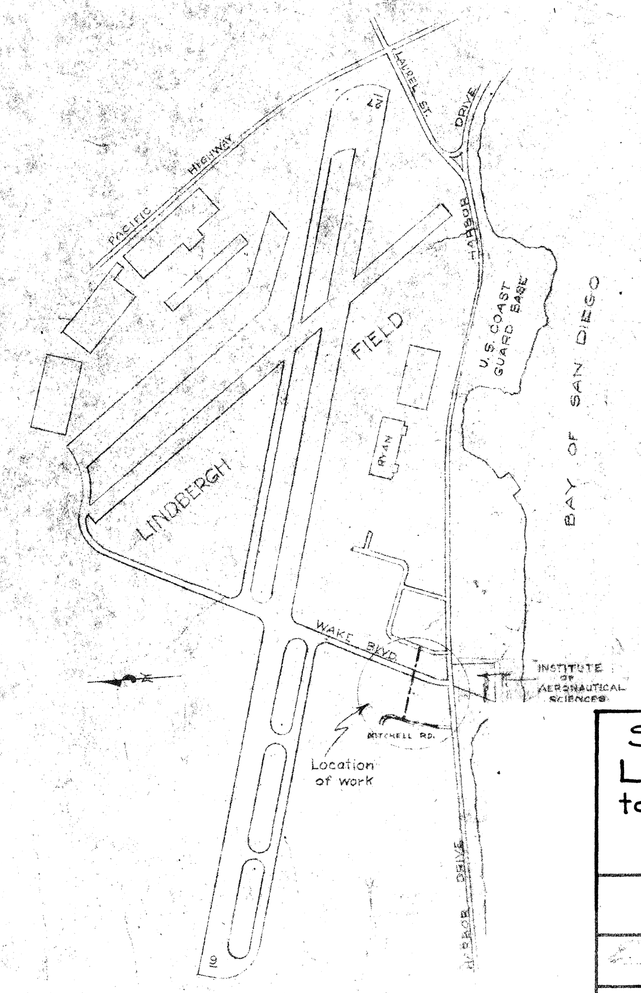
Scale: Horiz. 1"=50' Vert. 1"=5'





Cross section of trench crossing Wake Blvd.

Easement below M.H.T.L. shown hatched



PLOT PLAN

SHOWING LOCATION OF WOR

Scale 1" = 1000'

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Hinderlong UTILITIES DIRECTOR 6-24-68	J. H. Wellemeyer CHIEF ENGINEER
FIELD SURVEYS INSPECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 45583 FILED FEB. 17, 1953	ORIGINAL CONVEYANCE DOCUMENT NO. 11 FILED FEB. 13, 1953

SEWER ESMT. - Air freight area Lindbergh Field (E'ly of Wake Blvd to Mitchell Rd.) Below M.H.T.L.

TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 3 OF 24 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL			6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

206-1709 LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11557-3 -D

HARBOR No 17-0-93

Administrative Record Page No. 021374

Administrative Record Page No. 021375

See 11557-5-D

Match line

MH #1A

NW'ly curb
Δ = 06 26'
R = 3490.74'
T = 186.17'
L = 372.26'

PRC N 48°23' 30" W
Curb

MH #13 drop
Pump pit #2
MH #12
Bottom 24.5'

Begin 6'-0" Reinforced Concrete Encasement

MH #11 Manhole
Top Manhole Type Y

Begin 6'-0" Reinforced Concrete Encasement

Sta 17+15.41

Invert Drop Pump

MH #10

Begin 6'-0" Reinforced Concrete Encasement

MH #9

General Utility Easement

Back of Curb
Rec. 1101-D

Back of Curb

Begin 6'-0" Reinforced Concrete Encasement

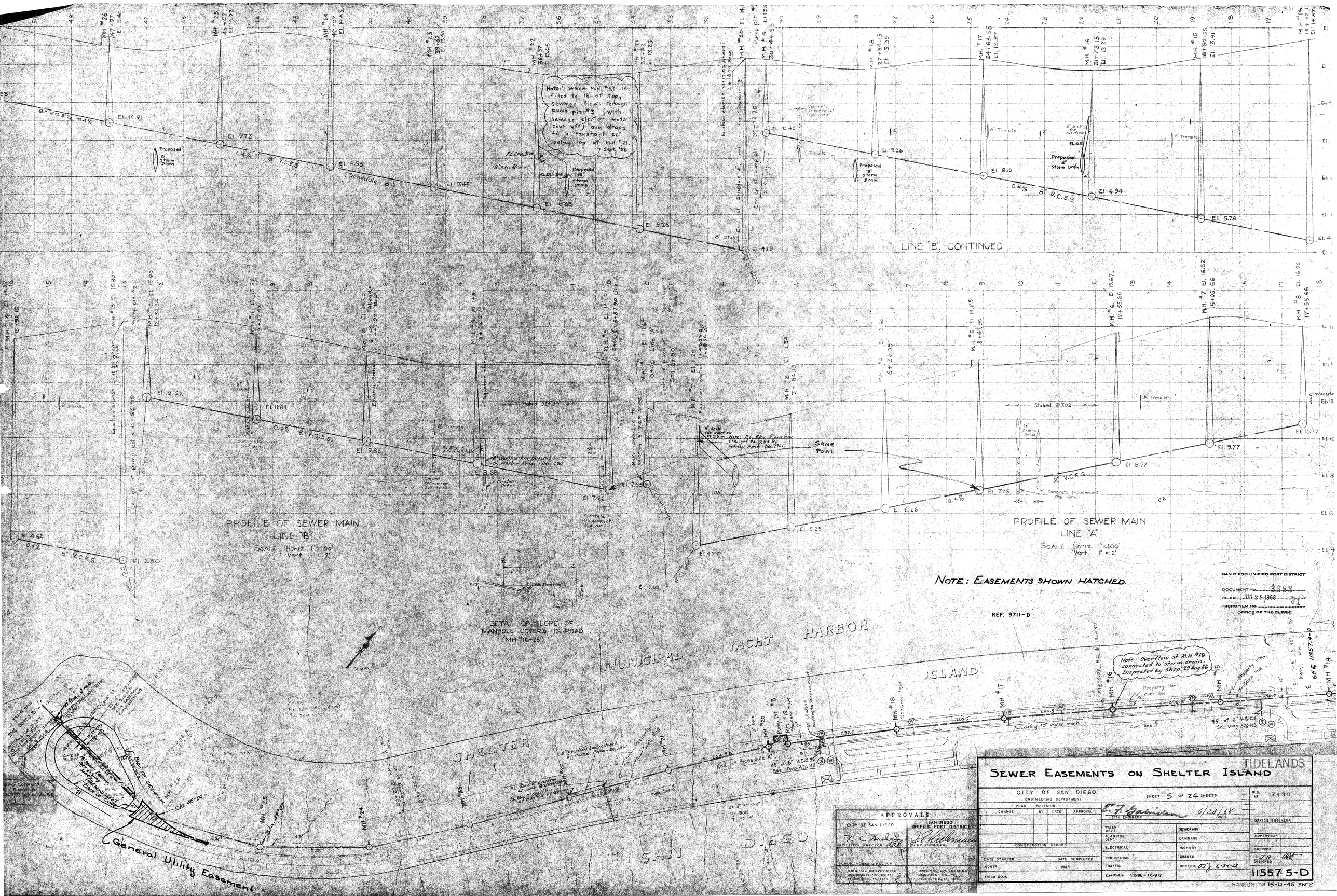
Back of Curb

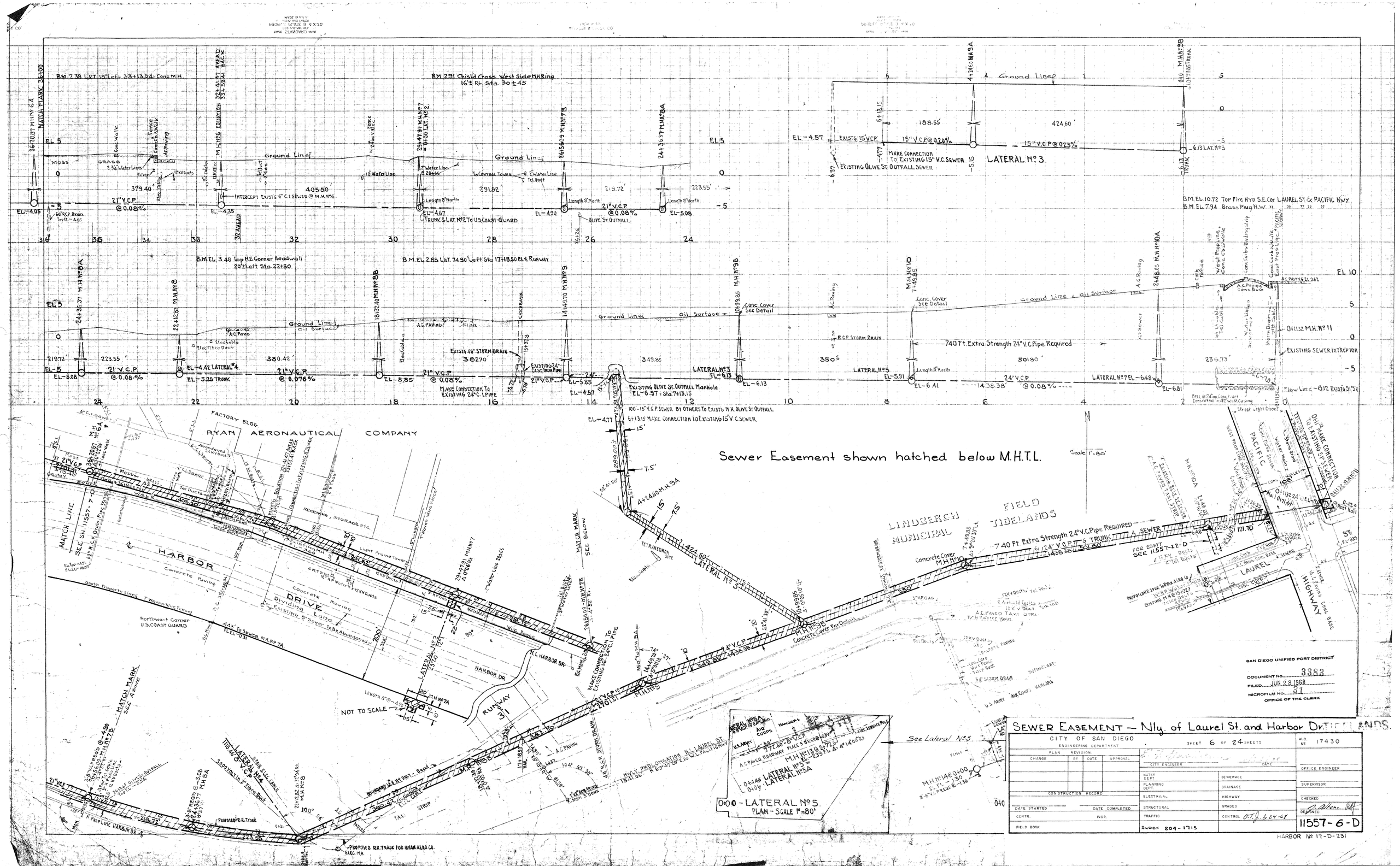
Begin 6'-0" Reinforced Concrete Encasement

Back of Curb

Back of Curb

Back of Curb


LINE "B", CONTINUED
PROFILE OF SEWER MAIN
LINE "B"
SCALE Horiz. 1"=100'
Vert. 1"=2'
PROFILE OF SEWER MAIN
LINE "A"
SCALE Horiz. 1"=100'
Vert. 1"=2'
Note: When M.H. #21 is filled to 18" of top, sewage flows through pump pit #3 (with sewage ejector motor shut off) and drops to a constant 26" below top of M.H. #21. 7 Sept. '56
Proposed 15" Storm Drain
Same Point
Staked 377.02
Note: Easements shown hatched.
REF. 9711-D
DETAIL OF SLOPE OF MANHOLE COVERS IN ROAD (MH #10-25)
MUNICIPAL YACHT HARBOR
SHELTER ISLAND
SAN DIEGO
Note: Overflow at M.H. #16 connected to storm drain. Inspected by Shop 29 Aug 56
General Utility Easement
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No.
OFFICE OF THE CLERK
TIDELANDS
SEWER EASEMENTS ON SHELTER ISLAND
CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 5 OF 24 SHEETS
W.O. No. 17430
PLAN REVISION
CHANGE
BY
DATE
APPROVAL
CITY ENGINEER
6/24/68
DATE
OFFICE ENGINEER
WATER DEPT.
SEWERAGE
PLANNING DEPT.
DRAINAGE
SUPERVISOR
CONSTRUCTION RECORD
ELECTRICAL
HIGHWAY
CHECKED
DATE STARTED
DATE COMPLETED
STRUCTURAL
GRADES
DESIGNED
CONTR.
INSP.
TRAFFIC
CONTROL
6-24-68
FIELD BOOK
INDEX 198-1697
11557-5-D
HARBOR No. 15-D-45 Sht 2
APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR
CHIEF ENGINEER
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT No. 65193
ORIGINAL CONVEYANCE DOCUMENT No. 71


Sewer Easement shown hatched below M.H.T.L.
RYAN AERONAUTICAL COMPANY
FACTORY BLDG
HARBOR DRIVE
Dividing Lane
LINDBERGH FIELD MUNICIPAL
TIDELANDS
LAUREL HIGHWAY
PACIFIC
RUNWAY 31
LATERAL No. 3
LATERAL No. 5
LATERAL No. 7
740 Ft. Extra Strength 24" V.C. Pipe Required
Ground Line
Oil Surface
MATCH LINE SEE SH. 11557-7-D
MATCH MARK SEE ABOVE
MATCH MARK SEE BELOW
NOT TO SCALE
Scale 1"=80'
See Lateral No. 5
0+00 - LATERAL No. 5 PLAN - SCALE 1"=80'
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK
SEWER EASEMENT — Nly. of Laurel St. and Harbor Dr.
CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 6 OF 24 SHEETS
W.O. No. 17430
PLAN REVISION
CHANGE BY DATE APPROVAL
CONSTRUCTION RECORD
DATE STARTED DATE COMPLETED
CONTR. INSP.
FIELD BOOK
CITY ENGINEER DATE
WATER DEPT.
PLANNING DEPT.
ELECTRICAL
STRUCTURAL
TRAFFIC
SEWERAGE
DRAINAGE
HIGHWAY
GRADES
CONTROL
INDEX 204-1715
OFFICE ENGINEER
SUPERVISOR
CHECKED
DESIGNED
11557-6-D
HARBOR No. 17-D-231

Administrative Record Page No. 021378

SEWER EASEMENT – Nly. of Laurel St. and Harbor Dr.

B.M. EL 5.69 on Sly Rim of Manhole 10' Rt. 57+95

M.H. No 4A — EL-0.75 / EL-0.95 — 224.28' — 8" V.C.P. @ 0.16% — EL-2.55 TRUNK & LAT. No 1

MAKE CONNECTION TO EXISTING SEWER @

LATERAL No. 1

16" C.I. WATER LINE

Con. Paving HARBOR DRIVE Con. Paving

M.H. No 4 46+10.19

MH No 5 40+39.27 — EL+5 — Ground Line — 129'± — 22.5% of 8" EXISTING 8" SEWER — MAKE CONNECTION TO EXIST'G SEWER LAT. 6. EL-3.21 — EL-3.71-TRUNK

LATERAL No 6

B.M. EL. 5.30 Sly Top R.R. Rail of 3 Rails Around Fire Hyd Left 48+88

B.M. EL. 3.21 Brass Plug in North Curb HARBOR DRIVE 71' Left Sta. 39+64.55 & 200' No. of Mon. on S.L. HARBOR DR.

60+62.12 M.H. No 1 — EL. 10 — Officers Quarters Elev. Floor = 6.21 — Building

57+95.54 M.H. No 2 — EL. 5.73 Rim & Rt. Existing M.H. — Ground Line

M.H. No 3 55+34.53

M.H. No 3A 51+70.78

M.H. No 4A 48+10.43 — A.C. Paving — Fence, open curb b

M.H. No 5A 44+24.27

M.H. No 5 40+39.27 — 42" Pipe — Mass'y — 8' Con. Walk

M.H. No 6A 36+20.87 — Concrete Walk — Mass'y — Grass

EL. 10 — 5 — 0 — -5

EL. 0.57 — 8" V.C.P. @ 0.40 % — 286.58' — Ex. M.H. 10 Rt. FL. 0.16 — EL+0.58 — Grade of Existing Sewer — 12" V.C.P. @ 0.20 % — 261.01' — EL-1.10 — 363.75' — 360.35' — 4" C.I. — 8" C.I. — EL-1.83 — 12" V.C.P. @ 0.20 % — 12" V.C.P. @ 0.20 % — M.H. Cast 1.3 — 0.4 — EL-2.55 — 386.10 — 15" V.C.P. @ 0.15 % — EL-3.13 — 385.00' — El Bottom Notch 0.08 — 10" C.I. — 15" V.C.P. @ 0.15 % — EL-3.71 — 418.40' — 8" C.I. — 21" V.C.P. @ 0.08 % — EL-4.05 — 373.40'

60 58 56 54 52 50 48 46 44 42 40 38 36

MATCH MARK — 60' R. of Drain

Points on Extension to Southwest of Long Tangent on Easterly Edge of Paving, East Line of Said Long Tangent Being Also Boundary of Municipal Airport and Camp Sahara

Existing M.H. Rim 4.61 FL. North 2.31 South 3.16 FL. from East 1.96

Existing Boundary U.S. Marine Corps Base

Concrete Paving — 15' — 266.92' — 24' Mark Point 2

Elec. Duct — Barracks — Officers — Existing 8" Sewer — Manhole No 2 57+95.54 A.L. 17°00'35" 10' South of Existing M.H. From Which Existing M.H. Bears N. 5° W. Pipe in at Fl. Grade — 57 — 8" V.C.P. — 286.58' — CAMP SAHARA sewage to be intercepted here. — 23°+3° — Manhole No 1 60+62.12 — 8" V.C.P. — 60' — 10' — 8" — 10" — 8" HPGas — 5' — 2' — 2.2% — 54.36 — 1" HPGas — 5' — 2' — 2.2% — 8" V.C.P. — 10' — 8" — 10" — 8" — 5' — 1" HPGas — To Connect Existing Sewer from Building to Manhole

Existing 8" Sewer — To Connect Existing Sewer from Building to Manhole

Existing Manhole FL. 0.16 — Barracks — Elec. Duct

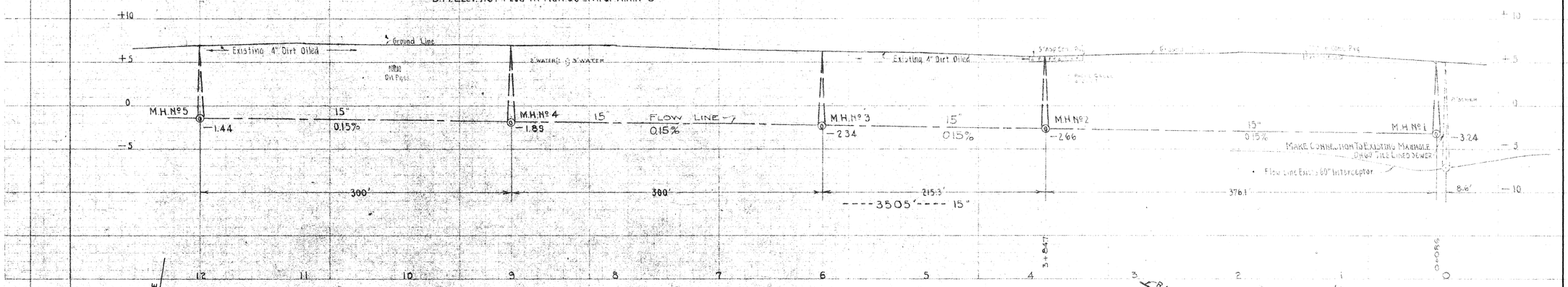
SAHARA — CAMP — Barracks — Officers — Elec. Duct — Existing 8" Sewer — Manhole No 2 57+95.54 A.L. 17°00'35" 10' South of Existing M.H. From Which Existing M.H. Bears N. 5° W. Pipe in at Fl. Grade — 57 — 8" V.C.P. — 286.58' — CAMP SAHARA sewage to be intercepted here.

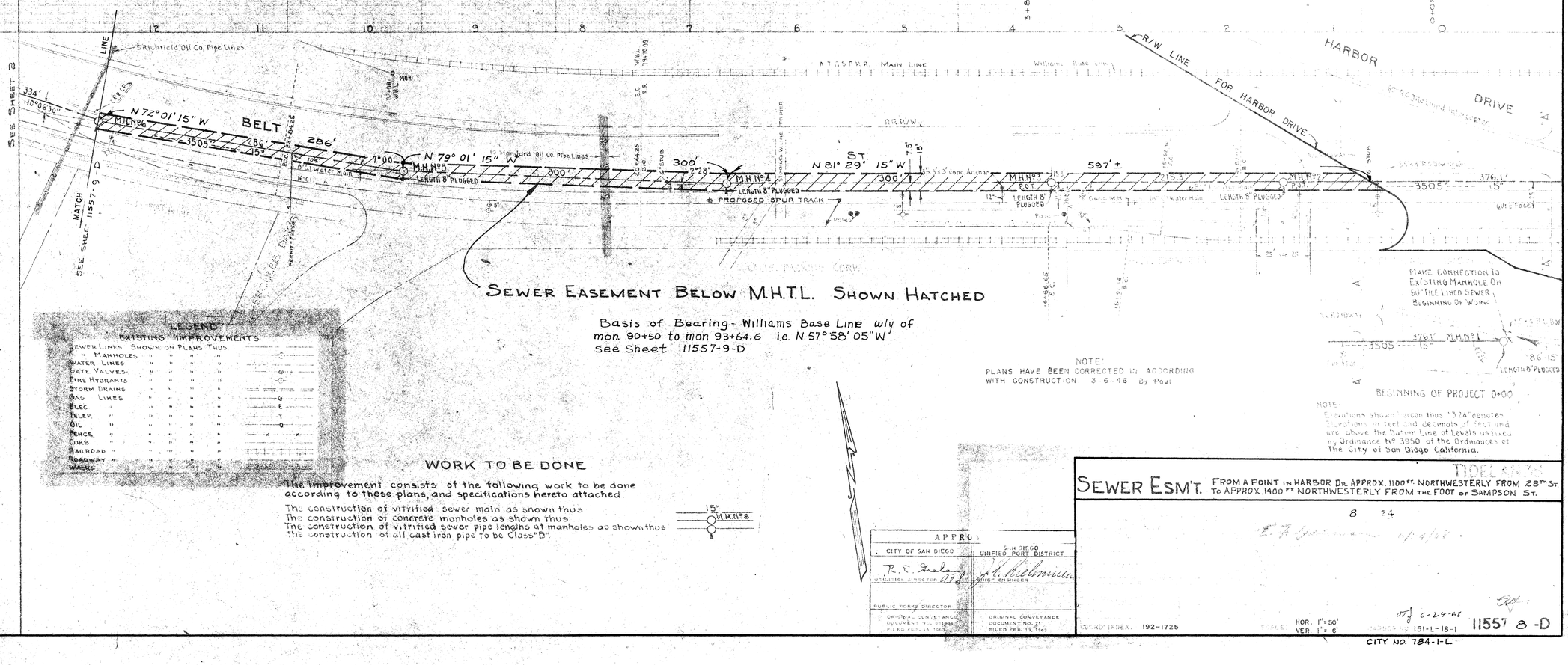
Existing Manhole FL. 0.16 — Barracks — 60 — 10' — 8" — 8" V.C.P. — 286.58' — 56 — 261.01' — 12" V.C.P. — 55+34.53 M.H. No 3 A=4°44'30" — 8" V.C.P. — Gas Vamp — Latrine — Latrine — 724.10' — 12" V.C.P. — 360.35' — M.H. No 3A 51+70.78 — 80' — 10' — 8" — 5' — 6' — 6' — 5' — 10' — 8" — 5' — 6' — 6' — 5' — 10' — 8" — 5' — 6' — 6' — 5

Administrative Record Page No. 021379

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

B.M. ELEV. 7.81 PLUG IN MON 90'± RT. OF M.H. Nº 5





SEWER EASEMENT BELOW M.H.T.L. SHOWN HATCHED

Basis of Bearing - Williams Base Line W'ly of mon. 90+50 to mon. 93+64.6 i.e. N 57° 58' 05" W
See Sheet 11557-9-D

NOTE:
PLANS HAVE BEEN CORRECTED IN ACCORDING WITH CONSTRUCTION 3-6-46 By Paul

NOTE:
Elevations shown thus "3.24" denote Elevations in feet and decimals of feet and are above the Datum Line of Levels adopted by Ordinance Nº 3350 of the Ordinances of The City of San Diego California.

LEGEND

EXISTING IMPROVEMENTS	
Sewer Lines Shown on Plans Thus	
" Manholes " " "	○
Water Lines " " "	W
Gate Valves " " "	G
Fire Hydrants " " "	⊕
Storm Drains " " "	
Gas Lines " " "	G
Elec. " " "	E
Telep. " " "	T
Oil " " "	O
Fence " " "	× ×
Curb " " "	
Railroad " " "	
Roadway " " "	
Walks " " "	

WORK TO BE DONE

The improvement consists of the following work to be done according to these plans, and specifications hereto attached.

The construction of vitrified sewer main as shown thus
The construction of concrete manholes as shown thus
The construction of vitrified sewer pipe lengths at manholes as shown thus
The construction of all cast iron pipe to be Class "B"

15" M.H. Nº 5

APPROVED

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. C. Seals, UTILITIES DIRECTOR	A. Wellmann, PORT ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 61 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 21 FILED FEB. 13, 1963

TIDELANDS

SEWER ESM'T. FROM A POINT IN HARBOR DR. APPROX. 1100 FT. NORTHWESTERLY FROM 28TH ST. TO APPROX. 1400 FT NORTHWESTERLY FROM THE FOOT OF SAMPSON ST.

8 34

O.K. 6-24-68

OLD R/W INDEX 192-1725

SCALES: HOR. 1"=50' VER. 1"= 6'

DRAWING NO. 151-L-18-1

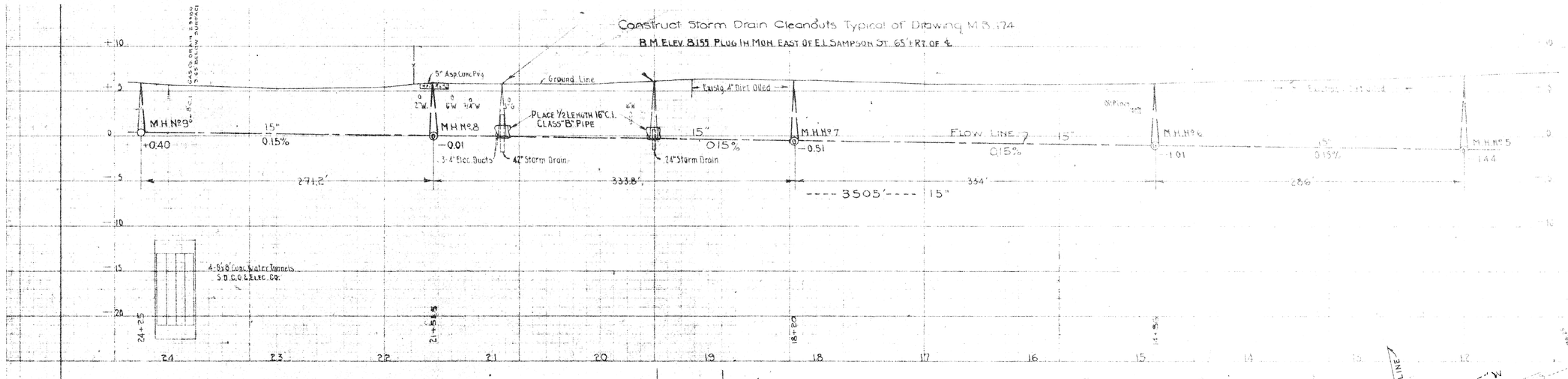
11557 8-D

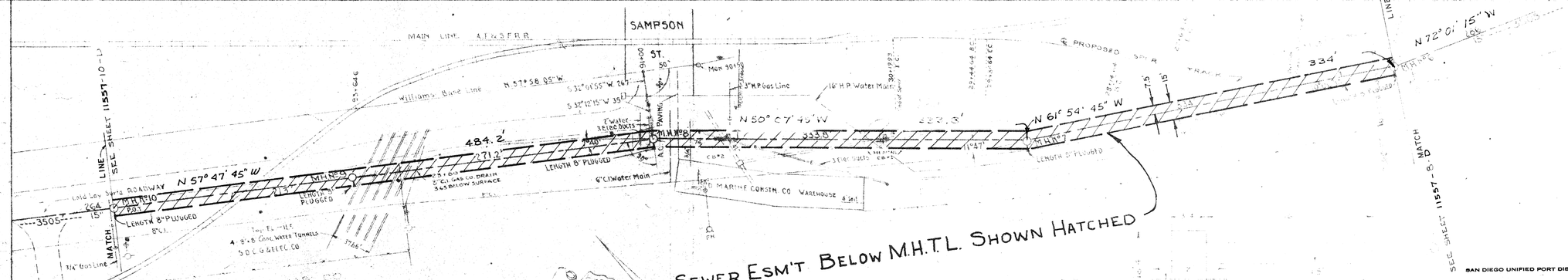
CITY NO. 784-1-L

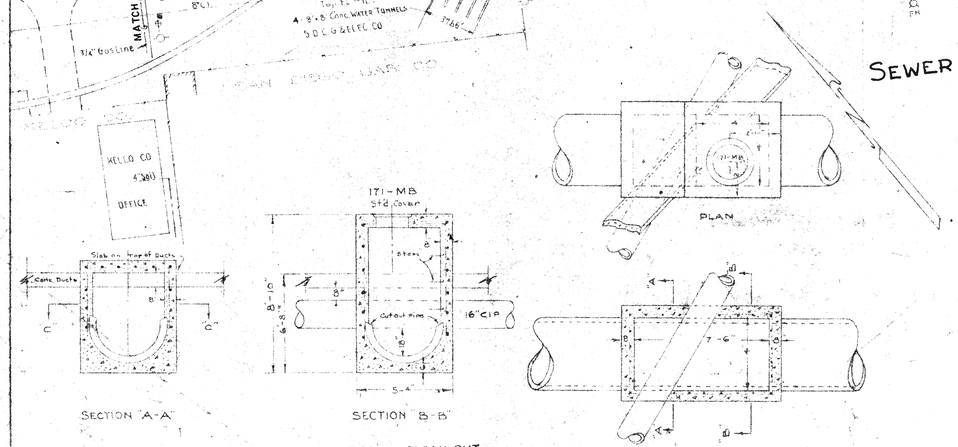
Administrative Record Page No. 021380

Coastruct Storm Drain Cleanouts Typical of Drawing M.B. 174

B.M. Elev. 8.159 Plug in Mon. East of E.L. Sampson St. 65' Rt. of ℄







STORM DRAIN CLEAN OUT
BELT ST. EAST OF SAMPSON
SCALE 3/4" = 1'-0"

Ref Dwgs
City - 784-2-L
Harbor - 151-L-18-2

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. C. [illegible]	[illegible]

TIDELANDS

SEWER ESM'T. FROM A POINT IN HARBOR DR. APPROX. 1100 FT. NORTHWESTERLY FROM 28TH ST. TO APPROX. 1400 FT. NORTHWESTERLY FROM THE FOOT OF SAMPSON ST.

9 24 17430

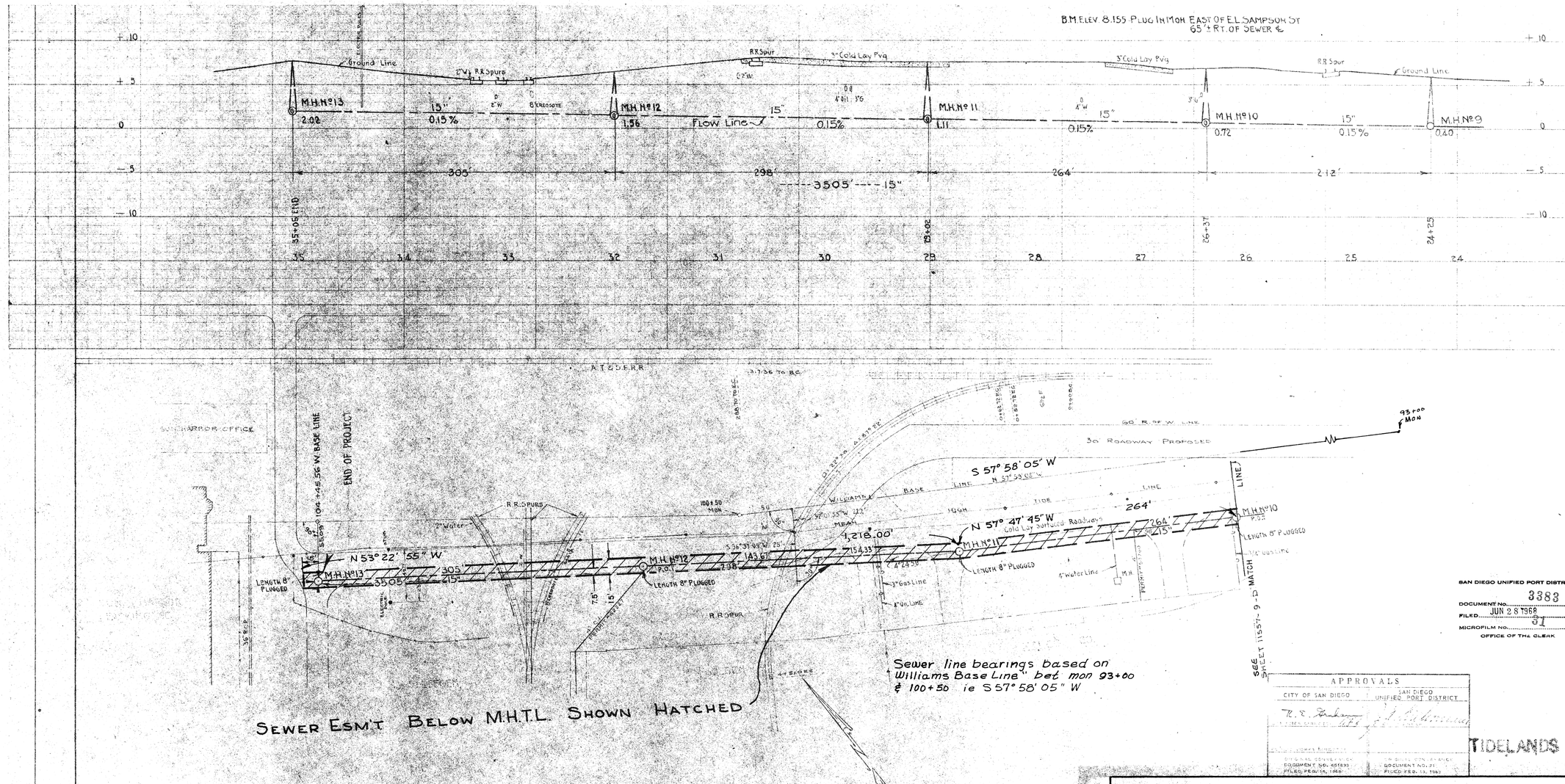
192 - 1725

HOR. 1"=50'
VER. 1"= 6'

July 6-1968

151-L-18-2 11557 9-D

Administrative Record Page No. 021381



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
[signature]	[signature]
DIVISION CONVEYANCE DOCUMENT NO. 451633 FILED FEB. 14, 1968	DIVISION CONVEYANCE DOCUMENT NO. 31 FILED FEB. 13, 1968

TIDELANDS

REF: CITY. 784-3-L

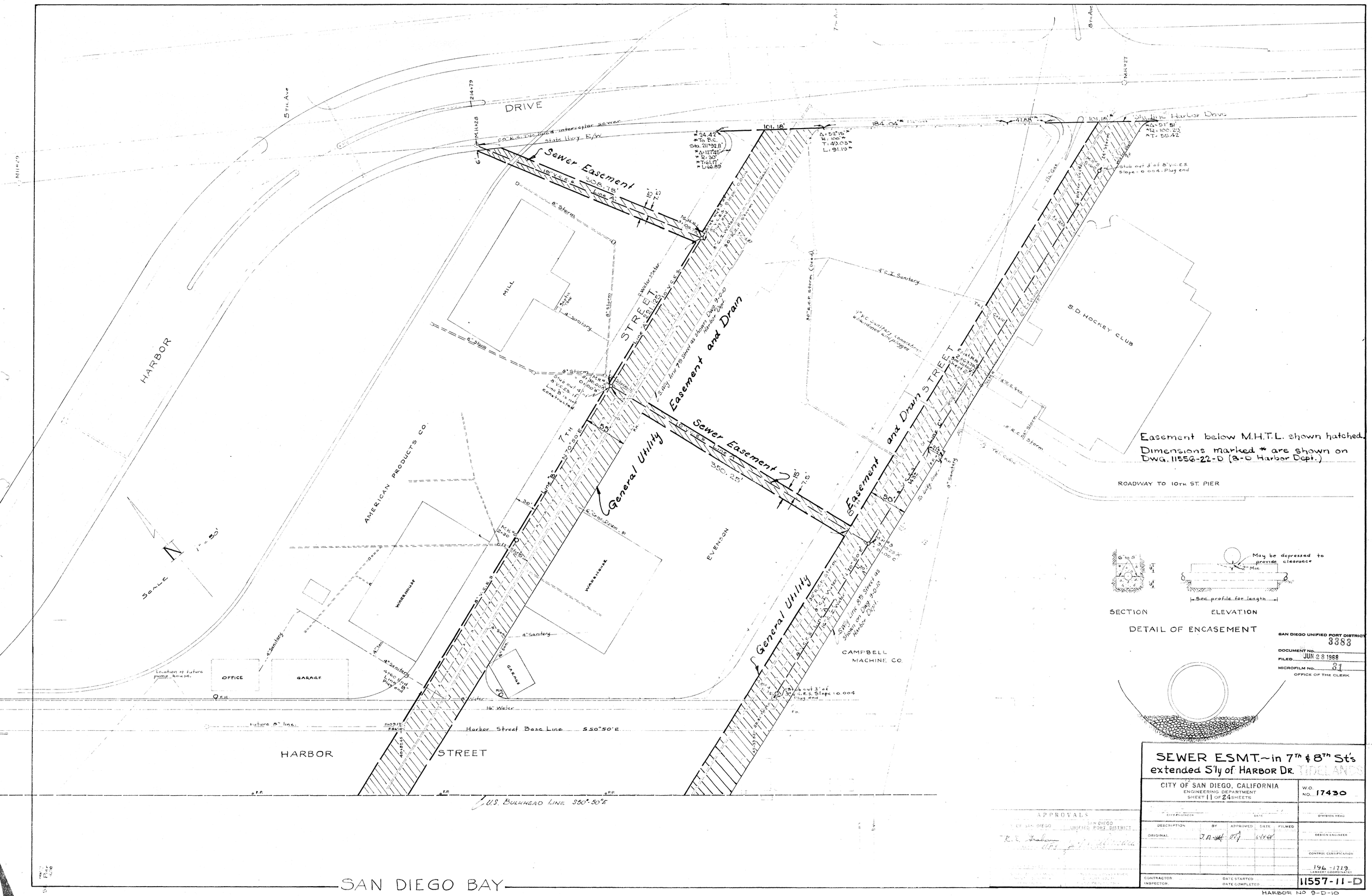
SEWER ESM'T. FROM A POINT IN HARBOR DR. APPROX. 1100 FT. NORTHWESTERLY FROM 28TH ST. TO APPROX. 1400 FT. NORTHWESTERLY FROM THE FOOT OF SAMPSON ST.

10 24 WO No 17430

[signature] 6/24/68

COORD. INDEX 192-1723 SCALE HOR. 1" = 50' VER. 1" = 6' HARBOR No 151-L-18 -3 11557-10-D

[signature] 6-24-68


DRIVE
HARBOR
Sewer Easement
308.78'
Line A
Sewer Easement
350.25'
Line A
General Utility Easement and Drain
Easement and Drain
General Utility
STREET
Easement below M.H.T.L. shown hatched.
Dimensions marked * are shown on DWG. 11556-22-D (8-D Harbor Dept.)
ROADWAY TO 10TH ST. PIER
S.D. HOCKEY CLUB
AMERICAN PRODUCTS CO.
EVENSON
WAREHOUSE
MILL
OFFICE
GARAGE
CAMPBELL MACHINE CO.
Harbor Street Base Line S50°50'E
HARBOR
STREET
U.S. BULKHEAD LINE S50°50'E
SCALE 1" = 50'
SAN DIEGO BAY
SECTION
ELEVATION
DETAIL OF ENCASEMENT
May be depressed to provide clearance
See profile for length
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK
SEWER ESMT.~in 7th & 8th St's extended S'ly of HARBOR DR.
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 11 OF 24 SHEETS
W.O. NO. 17430
APPROVALS
CITY ENGINEER
DATE
DIVISION HEAD
DESCRIPTION
BY
APPROVED
DATE
FILMED
ORIGINAL
DESIGN ENGINEER
CONTROL CERTIFICATION
196-1719
LAMBERT COORDINATES
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED
11557-11-D
HARBOR NO 9-D-10

Administrative Record Page No. 021383

M.H. No. 7 16+55.42 | M.H. No. 6 13+49.83 | M.H. No. 5 11+61.00 | M.H. No. 4 8+17.20 | M.H. No. 3 4+76.17

RIM ELEV. +2.30 — REPLACE CONC. PAVEMENT — REPLACE CONC. SLABS — RIM ELEV. +2.5 — RIM ELEV. +1.5 — GROUND LINE — RIM ELEV. +1.6 — REPLACE OIL PAVEMENT — RIM ELEV. +1.7

12" CONC. PIPE — 42" RCP EL. -4.75 — 20"CT SIPHON EL. -9.94 — 4" CONC. SLAB — 6" TRANSITE — 8" CONC. PIPE — 18" CONC. PIPE

INVERT -6.20 — 0.25 % 15" V.C.P. — INVERT -6.97 — 0.18 % 18" V.C.P. — INVERT -7.31 — 0.18 % 18" V.C.P. — INVERT -7.93 — 0.18 % 18" V.C.P. — INVERT -8.55

PIPE INVERT

305.59 | 188.83 | 343.80 | 341.03

CONTINUED FROM SHEET #1

+10 +5 0 -5 -10 -15 -20

17 16 15 14 13 12 11 10 9 8 7 6 5

GRAVITY SECTION

PIPE CONNECTION TO EXISTING M.H. — GROUND LINE — INV. (PIPE) — 5.25% — INV. 2.00 — 18" V.C.P. — INV. -0.50 — 38.1' — SOUTHWEST SIDE OF PUMPHOUSE

OVERFLOW

(SEE SHEET # 1)

WESTGATE SUN HARBOR — 15' ROADWAY — STORE ROOMS — CONCRETE WALK — 3" STEEL R.C. PIPE — 12" CONC. PIPE DRAIN — WATER & ELECTRIC METER & CONDUITS — 1 STORY BUILDING — TAN TANK — CONC. SLAB — WELL PUMP — MH #6 13+49.83 — 15" x 6" BOX CONVERT — 18" V.C.P. — 42" R.C.P. — 3" STEEL R.C. PIPE — 12" V.C.P.

SEWER EASEMENT — LENGTH 8' PLUGGED — BELOW M.H.T.L. SHOWN HATCHED

THAW TANKS — CONC. WALK — THAW TANKS — VAN CAMP — COLD STORAGE — See 11556-14-D for esmt.

SHELL OIL CO. — U.S. BULKHEAD LINE — KAIROT — CHAFFEE — DAWSON STAITE

60' — 30' — 30' — GENERAL PETROLEUM R/W — ESMTS. BELOW M.H.T.L. — SEE 11558-6-D FOR ESMT. — TEXAS 50' R/W — 60' R/WAY — 35' — 18" V.C.P. — LENGTH 6" PLUGGED — LENGTH 21' PLUGGED — 6.4.26 — 689.26 ℄ To ℄ Per City Survey — 194-1722 10-28-65

SHELL OIL — SOUTHWEST ONYX — 25' ROADWAY — BENSON LUMBER CO. — AMERICAN PROCESSING CO. — 36" R.C.P. STORM DRAIN — TELEPHONE POLE & LINE — SHEET NO 4 — SEE 9240-D #2

UTILITY EASEMENT AND DRAIN

CROSBY ST. — 42" R.C. PIPE DRAIN — 12" WATER LINE

Scale: Horiz. 1"= 50' Vert. 1"= 6'

Ref. Dwg Harbor No 206-D-2

NOTE: ALL ELEVATIONS ARE ON CITY DATUM. M.L.L.W. = -9.01

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS
CITY OF SAN DIEGO — SAN DIEGO UNIFIED PORT DISTRICT

SEWER ESMT. - S'ely of Crosby St. & Water St (Not City Streets) in the TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 12 OF 24 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION — BY — APPROVED — DATE — FILMED
ORIGINAL — J.A.W. — D.T.J. — 6.14.68

DESIGN ENGINEER — CONTROL CERTIFICATION — 194-1723 LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11557-12-D

Administrative Record Page No. 021384

EXTRA WORK ORDER NO 2
INSTALL 10"ø V.C. SEWER
6" ø INCREASED TO 10" ø
REBUILD EXISTING M.H. FOR CONNECTION
REMOVE EXISTING 8" V.C. SEWER
REMOVE & REPLACE 8" CONCRETE SEWER TO BE PUMPED BY HARBOR DEPT.
REMOVE & REPLACE 6" CONCRETE SEWER WITH 8" V.C. SEWER
PLUG OUTFALL INTO BAY
ASPHALT OIL PAVEMENT

B.M. 18" LH of Sta. 5+39.99 on top S.W. Cor. of Point Loma Tee E.+11.13

B.M. 22" LH of Sta. 0+18.47 S.W. Cor. of Sta. El. +12.59 U.S.C.G. DATUM

EXISTING 24" STORM DRAIN
E NORTH EL. +9.20

MAKE CONNECTION WITH EXISTING 24" SEWER FLOW LINE +1.02 E
BEGINNING OF WORK AT M.H. # 1

M.H.#1 — 10" SEWER @ 0.3% — 97.5 Lin. Ft. — M.H.#2 — 10" SEWER @ 0.3% — 210.82 Lin. Ft. — MH #3 — 10" SEWER @ 0.3% — 200.72 Lin. Ft. — M.H.#4 — 10" SEWER @ 0.3% — 244.68 Lin. Ft. — M.H.#5 — 10" SEWER @ 1.3% — 238.13 Lin. Ft. — M.H.#6

EXISTING 6" C.I. WATER MAIN

EXISTING 8" C.I. WATER MAIN

EXISTING 18" WATER MAIN

EXISTING 24" R.C. PIPE

EXISTING 8" V.C. SEWER

EXISTING 6" C.I. WATER

EXISTING 8" C.I. WATER

EXISTING 6" C.I. WATER

EXISTING 8" C.I. WATER

EXISTING 8" C.I. WATER

EXISTING 8

Administrative Record Page No. 021385

QUINCE STREET Not Opened
PALM STREET
6" P.C. Conc. Pav.
Curb
Sidewalk
6" Sewer @ FL. 8.42
61.88'
52+84.60
Elec. Office Floor 3.81
M.H. No. 45
46+15.75
Olive St. Not Opened
3" Con. Walls
Con. Drive
Con. Walk
61.75'
NUTMEG STREET Not Opened
Ground Line
24" R.C. Pipe
Olive St. 18" Outfall Sewer FL.-1.72
EL.-6.86
Flow Line of 45" R.C. Tile Lined Pipe 0.07%
EL.-7.38
Flow Line of 51" R.C. Tile Lined Pipe 0.08%
MAPLE STREET Not Opened
M.H. No. 44
39+96
EL.-7.87
0.08%
Oil Rock Surface
LAUREL STREET
Pipe Laid in Open Trench, Supported on Rock Cradle
A.C. P.L.
Sidewalk
776.00
6" FL Box to Drain
395.35
198.00
T&R Inlet 3'RCP FL Elev. 6.5
182.65
M.H. No. 43
36+00.65
FL-8.19
0.08%
34+01.65
414.19 R-15
FL-8.35
0.08%
KALMIA STREET Closed
Top Pipe EL.-7.04
54" Con. Pipe
32+20.0
EL.-8.49
BEGIN CONTRACT No. 2
35+59.10
41.12°15'
City Zero
Equation of Elevations +9.01
U.S.C.&G. Stage
U.S.C.&G. Zero +9.01
NOTE: ALL ELEVATIONS REFER TO CITY DATUM

MATCH LINE See Sheet 11557-15-D

QUINCE STREET Not Opened
PALM STREET
Golden Eagle Oil Co. Overhead Mech. Digr. 15 above ground Two 4000 Gal. Tanks
4' Wire Fence
10,000 Gal. Tank
Wilshire Oil Co.
Pipe Pump
City Electrical Conduit
Auto Jack Hoist
Conc. Slab 10'x16'
Con. Drive
2" Support Pipe
PACIFIC
2" H.P. Gas
Telephone Conduit
Olive Street
18" Outfall Sewer
M.H. No. 45
46+15.75
3" Con. Walls
Con. Drive
Con. Walk
24" INTERCEPTING SEWER
NUTMEG STREET Not Opened
SEWER EASEMENT BELOW M.H.T.L.
MAPLE STREET Not Opened
M.H. No. 44
39+96.60
NOTE: From Laurel St. N'ly., Palms 20 ctrs., 2' back of Curb
No Sidewalk & from P.L. to Curb
Edge Paved Street
Gas Pumps
4" Dia. Conc. Pipe
Storm Drain R.C. Pipe
HIGHWAY
STREET
M.H. No. 43
35+59.10
41.12°15'
35+00
Sidewalk
18" R.C.P.
24" R.C. Pipe
Santa Fe Ry. Spur
Sta. 35+44.5 Intercepting Sewer
34+44.24
41.12°15'
KALMIA STREET (Closed)
32+20
1½" W.P.
Edge pavement when Sewer Const.
6-Elec. Ducts-Dead 104' Long under Hwy. 5½" R. of Curb
18" RCP
24" R.C. PIPE
Sta. Fe Ry. Spur
54" Storm Drain
LAUREL
JUNIPER STREET
AUTO PARK
MUNICIPAL LINDBERGH FIELD AIRPORT
MUNICIPAL TIDE LANDS
SUBDIVISION TRACT
BEGIN CONTRACT No. 2
For Location 3'S of Easterly P.L.
CURVE DATA FOR INTERCEPTING SEWER
R=2140.5'
Δ=16°16' Lt.
L=607.7'
T=305.90
CURVE DATA FOR HIGHWAY
℄R = 2083.5'
Δ = 16°16'
L = 591.52'
T = 297.75
E.C. 44+16.55
B.C. 43+08.85
Sewer Easement below M.H.T.L. shown hatched.
Scale: Horiz. 1"=80'
Vert. 1"=6'

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS
CITY OF SAN DIEGO
R. E. Dolan
SAN DIEGO UNIFIED PORT DISTRICT
J. Kuhlemeier
PUBLIC WORKS DIRECTOR
CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. OR FILED MAP NO.
ORIGINAL CONVEYANCE DOCUMENT NO. OR FILED MAP NO.

SEWER EASEMENT— TIDELANDS
Between Laurel and Bean St., below M.H.T.L.

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT
SHEET 14 OF 24 SHEETS
W.O. NO. 17430

PLAN REVISION			
CHANGE	BY	DATE	APPROVAL

CONSTRUCTION RECORD
DATE STARTED — DATE COMPLETED
CONTR. — INSP.
COORD. INDEX: 206-1715

E. F. Bashore — 6/11/68
CITY ENGINEER — DATE

WATER DEPT.	SEWERAGE
PLANNING DEPT.	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL

SCALE: HORIZ. 1"=80' VERT. 1"=6'

OFFICE ENGINEER
SUPERVISOR
CHECKED
DESIGNED J.D. 4-64
11557-14-D

HARBOR No
CITY No 568-D, sht. 5, of 20

Administrative Record Page No. 021386

SEWER EASEMENT —
Between Laurel and Bean St., below M.H.T.L.

CITY OF SAN DIEGO
ENGINEER'S DEPARTMENT

SHEET 15 OF 24 SHEETS

No. 17430

PLAN CHANGE	BY	DATE	APPROVED

CONSTRUCTION RECORDS

DATE STARTED	DATE COMPLETED
CONTR	INSP.
COORD. INDEX: 206-1715	

CITY ENGINEER	DATE
WATER DEPT.	SEWERAGE
PLANNING DEPT.	ENGINEER
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL
SCALE HORIZ. 1" = 80' VERT. 1" = 6'	

DEPUTY ENGINEER
SENIOR ENGINEER
SUPERVISOR
CHECKED
DESIGNED JH

11557-15-D

APPROVALS

CITY OF SAN DIEGO
Traffic Engineer
Engineer

SAN DIEGO UNIFIED PORT DISTRICT
Engineer

ORIGINAL CONTRACT DOCUMENT IN FILE
ORIGINAL DRAWING IN FILE

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

Sewer Easement below M.H.T.L. shown hatched.

HARBOR No.
CITY No. 969-D, Sht. 6 of 20

Administrative Record Page No. 021387

SUTHERLAND STREET

CLAYTON STREET

HARASTHY STREET

EMORY STREET

BEAN STREET

EQUATION VINE STREET

KURTZ STREET

PACIFIC HIGHWAY

EQUATION 4+00.00 = 4+01.00 Ahd.

EQUATION 82+11.54 = 82+10.00 Ahd.

EQUATION 74+49.84 = 74+43.91 Ahd.

GROUND LINE

FLOW LINE OF 45" R.C. TILE LINED PIPE

36" R.C. Pipe EL EL. 4.95

24" R.C. Pipe EL EL. 0.44

18" R.C. Pipe EL. EL. 4.5

M.H. No. 52 96+88.75

M.H. No. 51 89+71.98

M.H. No. 50 81+26.21

M.H. No. 49 74+43.91

647.63

799.99'

762.35'

682.40'

694.54'

0.10%

EL. -2.38

-3.08

-3.88

EL. -4.54

Cut

Fill

Curb

Sidewalk

Paving

Street Lighting Conduit

Tide Gate

Elec. M.H.

Easement below M.H.T.L. shown hatched.

6 Elec. Ducts, 2-12 W.V., 24" below surface of St. to top concrete encasement.

Sewer Easement

Curve Data for ℄ Sewer
R = 3000'
Δ = 10°00'
L = 523.84
T = 262.34
FB 1608-4

Curve Revised FB 1625 '26
Δ 7° 41' 00"
R 3660.
L = 490.80
T = 245.11

Curve Data for Highway
℄ R = 3596'
Δ = 24° 47' 30"
L = 1555.98'
T = 790.36'

℄ Sewer
R 11857.5
Δ 1° 51' 30"
L 192.33
T 96.17
FB 1608-2

Curve Revised FB 1625
℄ Sewer
R 11857.5
Δ 9° 24' 30"
T 161.10
L 321.48

MATCH LINE See Sheet 11557-15-D

Equation of Elevations
City Zero 0 = +9.01
USC&GS Zero -9.01 = 0
NOTE: ALL ELEVATIONS REFER TO CITY DATUM

Section A-A

Construct 24" Storm drop inlet Std. Cur.

Construct 2-4" Conduit

Municipal Highway

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 51
OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO
R. C. Hanson
DIRECTOR OF PUBLIC WORKS

SAN DIEGO UNIFIED PORT DISTRICT
F. A. Kilkenny
CHIEF ENGINEER

AIRPORT

SEWER EASEMENT
Between Laurel and Bean St., below M.H.T.L.

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT

SHEET 16 OF 24 SHEETS

P.O. NO. 17430

PLAN CHANGE	REVISION BY	DATE	APPROVAL

CONSTRUCTION RECORD

DATE STARTED ____ DATE COMPLETED ____

CONTR. ____ INSP. ____

COORD. INDEX 208-1713

CITY ENGINEER ____ DATE ____

WATER DEPT. ____ SEWERAGE ____

PLANNING DEPT. ____ DRAINAGE ____

ELECTRICAL ____ HIGHWAY ____

STRUCTURAL ____ GRADES ____

TRAFFIC ____ CONTROL ____

SCALE: HORIZ. 1" = 80' VERT. 1" = 6'

OFFICE ENGINEER ____

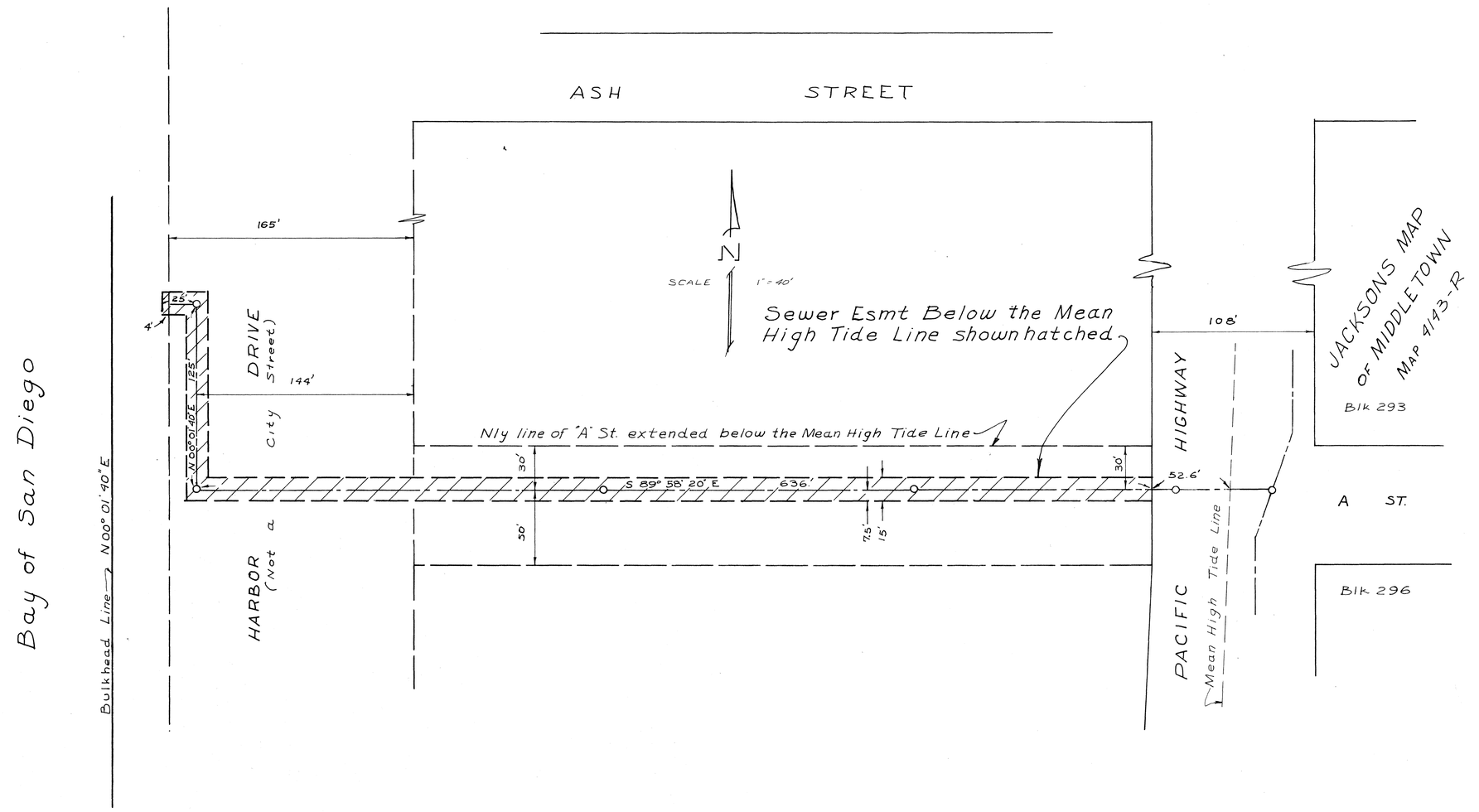
SUPERVISOR ____

CHECKED ____

DESIGNED J.J.D. 6-24-68

11557-16-D

HARBOR № CITY NS 969-D, Sht. 7 of 20



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

SEWER ESMT.- Wly of the intersection of Pacific Hwy. & 'A' St. below the Mean High Tide Line (TIDELANDS)

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 17 OF 24 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	OTJ	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

202 - 1715
LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11557-17-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. [signature]	[signature]
CITIES DIRECTOR U.S.S.	ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. [illegible] FILED [illegible] 1963	ORIGINAL CONVEYANCE DOCUMENT NO. [illegible] FILED [illegible] 1963

Administrative Record Page No. 021389

EQUATION OF ELEVATION
CITY ZERO = U.S.C.&G. ZERO + 9.01
CITY STAFF 0.00 = U.S.C.&G. STAFF 9.01
CITY STAFF 9.01 = U.S.C.&G. STAFF 18.010

NOTE: ALL ELEVATIONS REFER TO CITY ELEVATIONS.

Approx. Grade Harbor Drive
Ground Line
Flow Line of 60" R.C. Tile Lined Pipe
Fill Rubbish
Existing Sewer
Mean High Tide
Mean High Tide

M.H. No. 29 47+01.00
M.H. No. 28 41+16.00
M.H. No. 27 32+89.00
M.H. No. 26 24+25.85

700.00'
535.00'
829.98'
863.15'

EL. -16.072
EL. -16.31 (68 Book 205 8)
EL. -17.45
EL. -18.13

-0.08%
-0.08%

24" Storm Drain to R. EL. - 4.97
36" Storm Drain EL. -4.77
42" Storm Drain EL. -4.99
30" R.C. Culvert Pipe
-6.79 Existing Sewer
42" Storm Drain
24" Storm Drain
See State Plans Note on Sheet 12

SEWER EASEMENT BELOW M.H.T.L. SHOWN HATCHED

MATCH LINE 11557-19-D

N 56° 55' 03" W 420.75'
R = 2060 Δ = 4° 48' 30" L = 172.88
N 56° 55' 03" W
N 54° 25' 03" W 33.97'
N 56° 55' 03" W 115.69'
R = 1940 Δ = 4° 48' 30" L = 162.81'
S 33° 04' 57" W 80.00'
S 33° 04' 57" W
N 37° 43' 27" E
S 70° 51' 12" W 398.19'
S 76° 53' 15" W 388.97'
Δ = 32° 13' 45" L = 401.09'
R = 440'
N 19° 08' 48" W 396.63'
60' R.C.P. Tile Lined Pipe
12" W.P. Gas Main
Asphalt Runway
Asphalt Runway
Spur Track
Spur Track
Wooden Trestle to Navy Field
Wooden Trestle to Navy Field
Wooden Trestle to Navy Field

Administrative Record Page No. 021390

EQUATION OF ELEVATION

CITY ZERO — 0.00 — +9.01 — CITY STAFF

U.S.C.&G. ZERO — -9.01 — U.S.C.&G. STAFF — 0.00

NOTE: ALL ELEVATIONS REFER TO CITY ELEVATIONS.

N. of Market St. Sta. 74+57.24 Sta. from South

76+02.61 = ℄ MARKET ST.

Elev. Rim 2.48

Ground Line

68+31.89 ∆ Rt. 37° 38' 00"

61+03.00

59+00.00 ∆ Rt. 1°00'00"

54+01.00

℄ Market St. W.L. India Existing M.H.

El. 7.11

El. 2.64

M.H. No. 33

24" Sewer F.L. -6.79

El. -11.43

Manhole

El. -14.06

60.12'

2.5

0.08%

El. -14.37

61.65'

24" V.C. CORONADO - NORTH ISLAND SEWER

F.L. -12.0'

M.H. No. 32

727.84'

Flow Line of 60" R.C. Tile Lined Pipe

El. -14.60

M.H. No. 31

El. -15.19

702.00'

M.H. No. 30

El. -15.75

700.00'

0.08%

El. -16.07

EQUATION 75+37.91 = 74+42.54

EQUATION 63+32.58 = 63+31.53

EQUATION.

INDIA

STREET

MARKET

Curb

Catch Basin

6" W.I. H.P. Gas

6" C.I. & 24" Sewer

Tuttle Martin Valve

Concrete

Asphalt

Curb

30" Stub Conc. Here.

LINE TO NORTH 9.65-D

(74+57.24 Sta from South)

E.C. 74+09.80

Δ 31° 22'

R. 530'

T = 148.91'

L 290.15

530 R.

G.S. 9.65-54

Special Connection See Drawing 2667-B

Sta. 71+19.65

Existing M.H.

24" V.C. Coronado Sewer

Y.O. Drwg. No. 176731

CITY 2107-D

See 9221-4-B for Esmt.

N 32° 04' 57" W

Office

Finishing Lumber Shed

Planing Mill

Planing Mill

Sash & Door Bldg.

Sprinkler Heater

Trainorator

Crane

S. 79° 25' 03" W

421.24'

N 79° 11' 62" 56' 57" W

270.00'

287.76'

19° 50'

19° 30'

M.H. No. 32 68+31.89 ∆ Rt. 37° 38.00'

10'

20'

EQUATION 63+32.58 = 63+31.53

E.C. 63+32.58

B.C. 63+21.87

Δ 33° 30'

R. 300'

T = 88.96'

L = 175.55'

24" Storm Drain

Drain

Sewer

Water

Gas

Curb

Gutter

Sidewalk

Fence

Pole

Manhole

Catch Basin

Tree

Hydrant

Valve

Meter

Concrete

Asphalt

Administrative Record Page No. 021391

CITY ZERO — EQUATION OF ELEVATIONS — +9.01
CITY STAFF — U.S.C.&G. STAFF
U.S.C.&G. ZERO -9.01 — 0
NOTE: ALL ELEVATIONS REFER TO CITY DATUM.

HARBOR DRIVE

48+00 Δ 2°00' Lt.

EQUATION 42+39.95 = 42+25.57 Δ=10°41' R.

INSIDE FACE OF CHAMBER WALL 35+56.93 Δ 12°11'45" Lt. SPECIAL CHAMBER = M.H. No. 8

INSIDE FACE OF CHAMBER WALL EQUATION 32+83.45 = 32+36.13 SPECIAL CHAMBER = M.H. No. 7 Δ 11°40'36" Lt.

25+91.23 Δ 20°34' Lt.

Inverted Siphon
2-42" V.C. Pipe.
See Dwg. 1025-D.

Approx. Grade Harbor Drive ℄

Ground Line ℄

M.H. No. 10

M.H. No. 9

End of Bridge

223.00'

El. -7.29 — Flow Line of 60" R.C. Tile Lined Pipe ℄ 0.10% — El. -7.85

El. -8.52

El. -8.80 — Flow Line of 60" R.C. Tile Lined Pipe — El. -9.50 — 0.10% — El. -9.69

El. -13.0

El. -14.0

1.2 = Highest Tide

4.1' = Mean High Tide

11.17' = Lowest Tide.

560.05' | 668.64' | 273.50' | 644.90' | 551.23'

K 60.05 × 25.57

16.57 = K 36.13

48 46 44 42 40 38 36 34 32 30 28 26 24

SCALE HOR. 1" = 80' VERT. 1" = 6'

MATCH LINE SEE SHEET 11557-21-D

Clean Out-Storm Drain

M.H. No. 10 48+00 Δ 2°00' Lt.

N 54° 13' 25" W

N 52° 13' 25" W. 560.05'

60" R.C. Tile-lined-Pipe ℄

EQUATION 42+39.95 = 42+25.57 Δ=10°41' R.

M.H. No. 9

N 62° 54' 25" W 355.5'

S 50° 42' 40" E R/W For HARBOR DRIVE

HARBOR

MEAN HIGH TIDE

120'

193.29'

111.04'

(5+89.37 Harbor Dept. Map 151-L-5)

(5+93.50 Harbor Dept. Map 151-L-5)

LINE

Granite Mon

SPECIAL CHAMBER M.H. No. 8

A.T. & S.F. Pile Trestle Ry. Bridge ℄

313.0'

223.0'

152.0'

20°

16°

N 50° 42' 40" W (Per 43-L)

2-42" V.C. PIPE

Trs. of Face of Chamber Wall 35+56.93 Δ 12°11'45" Lt.

35+36.43 = End of Bridge

Highway Storm Drain 67+22 Plan 11 in 7th St.

Chollas Creek

East Face of Bridge 33+13.23 Highway 32+89.45

INSIDE FACE OF CHAMBER WALL EQUATION 32+83.45 = 32+36.13 SPECIAL CHAMBER M.H. No. 7 Δ 11°40'36" Lt.

Tack in Tie & End of Conc. at A.T.&S.F. Ry. Sta.

162.36'

218.66'

188.66'

30'

26.3'

Found C.T. in Tie

Concrete Monument Exposed

Concrete Monument Buried

30'+ ft. to 50' to Harbor Drive

31.32'

DRIVE

Sign

Ry.

M.H. No. 6 25+91.23 Δ 20°34' Lt.

Sand

Rip Rap

Bulkhead

BAY FRONT ST.

To Fleet School Barracks

50'

TIDELANDS

EASEMENT BELOW M.H.T.L SHOWN HATCHED

REF:
CITY DWGS 1018-D
6289-L
9391-B
RL 6155-1-R
13408-57-L
13408-58-L
43-L

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Nelson — UTILITIES REGION	A. Wilkinson — CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 45181 FILED FEB. 15, 1949	ORIGINAL CONVEYANCE DOCUMENT NO. 71- FILED FEB. 13, 1969

SEWER ESMT-Sly of HARBOR DR. Bet. 28TH & 32ND Sts below M.H.T.L.

CITY OF SAN DIEGO — ENGINEERING DEPARTMENT — SHEET 20 OF 24 SHEETS — W.O. No. 17430

E. F. Eschenburg 6/24/68 — CITY ENGINEER — DATE

PLAN CHANGE	REVISION BY	DATE	APPROVAL

CONSTRUCTION RECORD

DATE STARTED — DATE COMPLETED — CONTR. — INSP. — FIELD BOOK

WATER DEPT.	SEWERAGE
PLANNING DEPT.	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL DJ 6-24-68

INDEX 190-1727

OFFICE ENGINEER — SUPERVISOR — CHECKED — DESIGNED

11557-20-D

HARBOR №

Administrative Record Page No. 021392

CITY ZERO — EQUATION OF ELEVATIONS — U.S.C.&G. ZERO

CITY STAFF — U.S.C.&G. STAFF

NOTE: ALL ELEVATIONS REFER TO CITY DATUM

HARBOR DRIVE

M.H. No. 13 64+00.18

Approx. Grade Harbor Drive

Ground Line

Storm Drain, El. — 1.14 Bottom of Drain Concrete

El. -5.24

Flow Line of 60" R.C. Tile Lined Pipe

El. 5.14

-0.10%

(610.37') — 267.63 — 854.90

Special Chamber, M.H. No. 12 — Inside Face of Chamber Wall — Equation

54+94.43 P.O.T.

2-42" C.M.P. Pipe in Siphon

Special Chamber, M.H. No. 11 — Inside Face of Chamber Wall — 54+32.18

Existing Box Culvert Double 5'x4' Concrete

El. -6.60 — El. -4.67

Flow Line of 60" R.C. Tile Lined Pipe

0.09%

622.42

56.32'

72.0'

9858'

Sta. 54+22.42 — 4 - 42" C.M.P. Pipe

Clean Out — Storm Drain

M.H. No. 11 — Cast Iron Cover

LINE — SEE SHEET 11557-20-D

N 54° 13' 25" W 422'±

R.C. Pipe Storm Drain

M.H. No. 10

MATCH

SEWER ℄
Δ = 30° 00' 40" R
R = 1780.
L = 956.77
T = 490.20
Def per ft = 9.656'

Sta. 59+50 to 60+00 For Details of Cross Connection See Drg. No. 10016-D

Sta. 59+50 to 60+00 For Details of Cross Connection See Drg. No. 10016-D

M.H. No. 13

M.H. No. 14

SCHLEY ST.

Proposed Grading

Mean High Tide Line

8" C.I. Water Main

8" Storm Drain

M.H. No. 13A

M.H. No. 12

R/W For HARBOR DRIVE

60" R.C. Tile Lined Pipe

HARBOR DRIVE

COLTON ST.

Lateral to Standard Iron Works installed by City Sewer Dept. 8-27-48 as E.R.M. Book 1507 page 12

SEWER ℄
Δ = 21° 40' 22" Lt
R = 15.21
L = 169.30'
T = 85.10'
Def per ft = 15.00'

SEWER ℄
Δ = 8° 14' 26" Lt
R = 177.71
L = 255.53
T = 127.96
Def per ft = 9.63'

Sta. 58+84 Box Culvert Siphon Under Storm Drain See Dwg. No. 10016-D 2-4'-0" C.M.P. Pipe

Storm Drain

Sta. 55+43.68 P.O.T.

Sta. 55+45.68 P.O.T.

Sta. 56+15.72 P.O.T.

Sta. 56+49.39 P.O.T.

Sta. 59+24.20 L

Equation 59+81.72 = 59+80.30

Sta. 64+67.63

Sta. 65+69.58

Sta. 66+92.

Sta. 68+10.

Sta. 63+79.28

SEWER ESM'T BELOW M.H.T.L. SHOWN HATCHED

CITY REF. 1019-D

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Hedley, UTILITIES DIRECTOR	J. E. Lichtman, CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 151631 FILED FEB. 15, 1950	ORIGINAL CONVEYANCE DOCUMENT NO. FILED FEB. 15, 1950

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 24
OFFICE OF THE CLERK

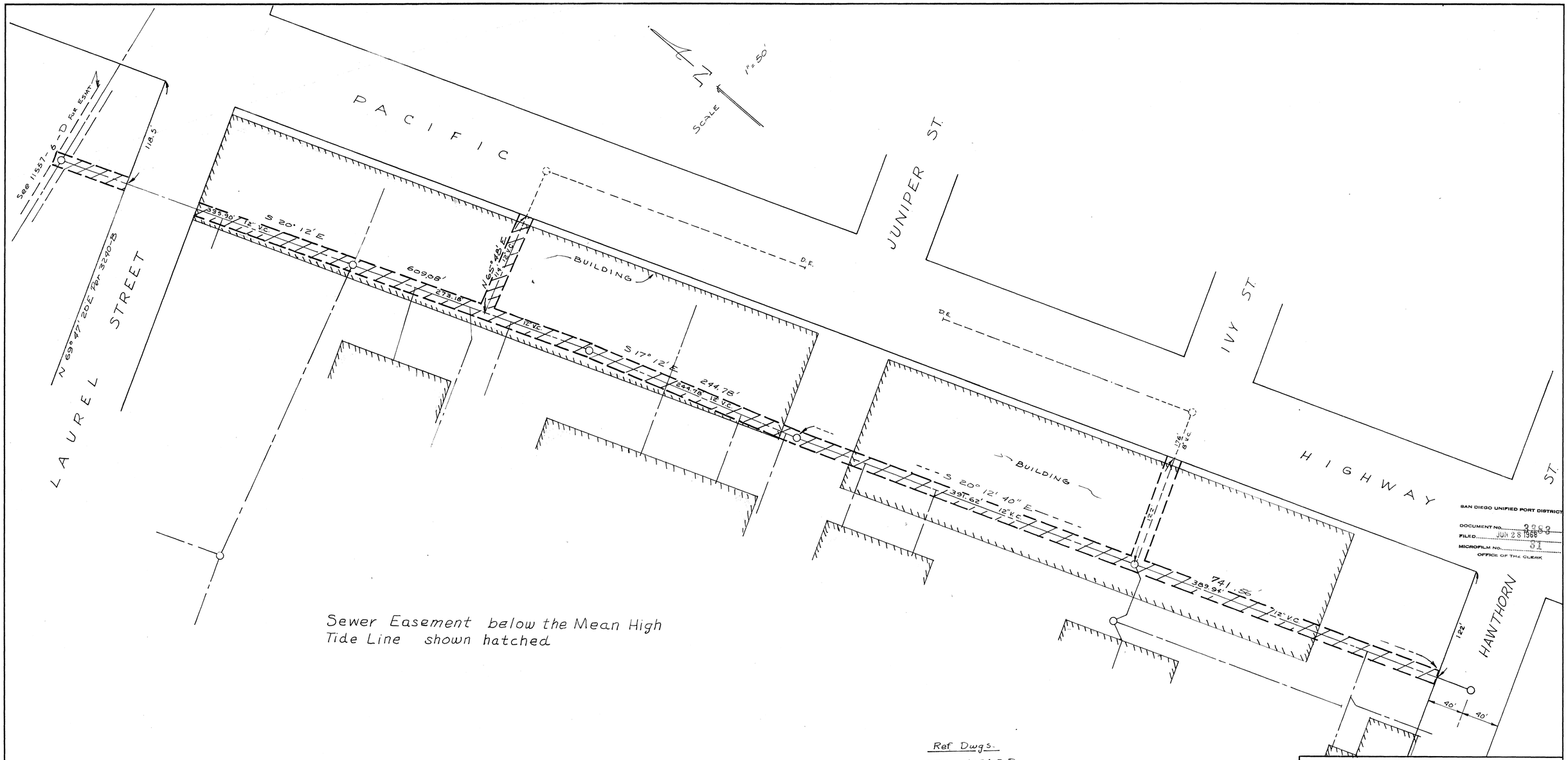
SEWER ESMT. ~ Sly of Harbor Dr., Wly of 28th St., below M.H.T.L.

21 24

INDEX 190-1727 SCALE HORIZ 1"=50' VERT 1"=5'

6-24-68

11557-21-D



SEWER EASEMENT - sly of LAUREL & wly of Pacific Hwy in the TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 22 OF 24 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	[illegible]	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

204-1716
LAMBERT COORDINATES

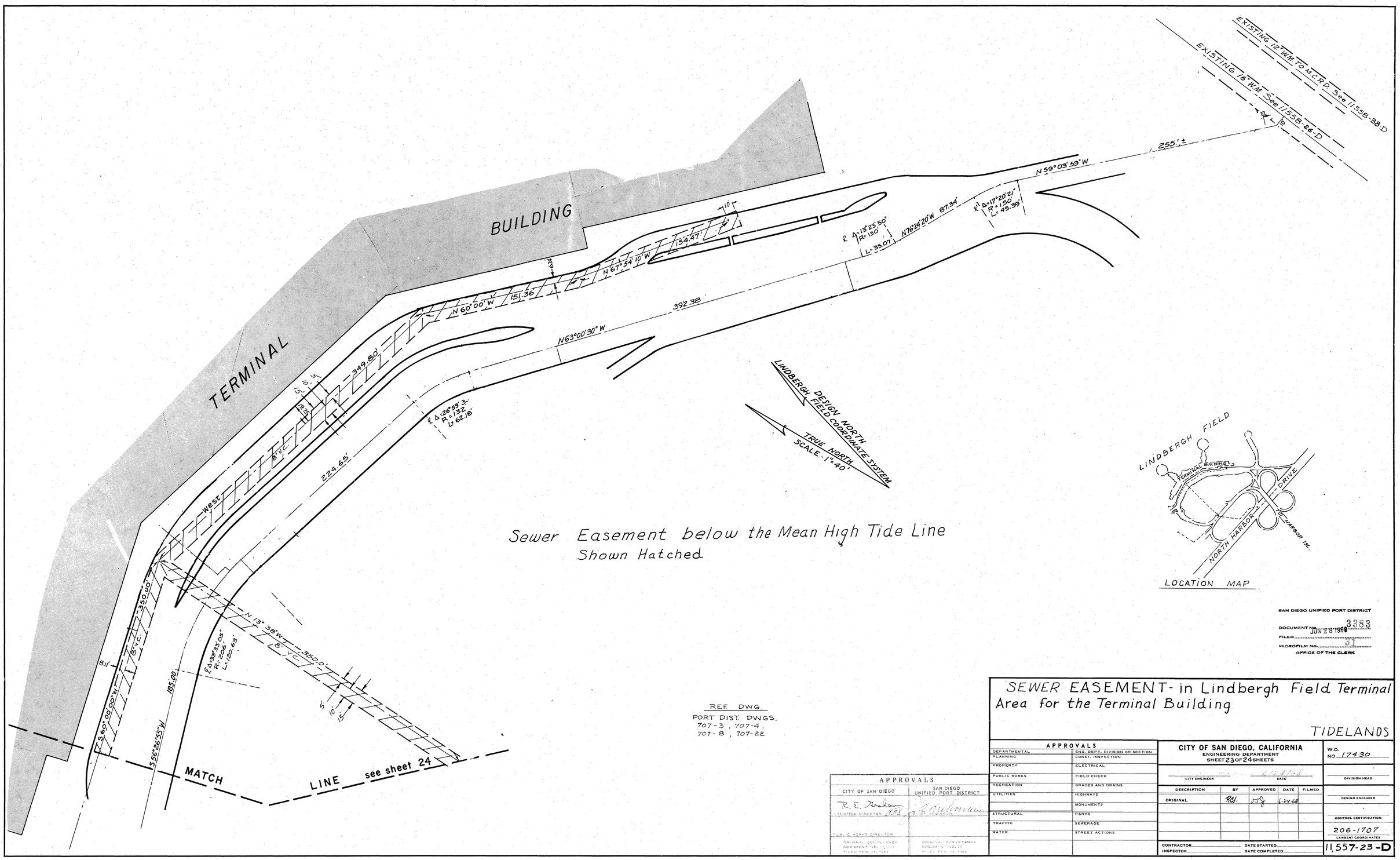
CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11557-22-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Gralan	[illegible]
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 151575 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 17, 1963

Administrative Record Page No. 021394



Sewer Easement below the Mean High Tide Line
Shown Hatched

REF. DWG.
PORT DIST. DWGS.
707-3, 707-4,
707-8, 707-22

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

SEWER EASEMENT - in Lindbergh Field Terminal Area for the Terminal Building

TIDELANDS

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. [signature] UTILITIES DIRECTOR	[signature] CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. [illegible] FILED FEB. 15, 1969	ORIGINAL CONVEYANCE DOCUMENT NO. 31 FILED FEB. 15, 1969

APPROVALS	
DEPARTMENTAL	ENG. DEPT. DIVISION OR SECTION
PLANNING	CONST. INSPECTION
PROPERTY	ELECTRICAL
PUBLIC WORKS	FIELD CHECK
RECREATION	GRADES AND DRAINS
UTILITIES	HIGHWAYS
	MONUMENTS
STRUCTURAL	PARKS
TRAFFIC	SEWERAGE
WATER	STREET ACTIONS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 23 OF 24 SHEETS

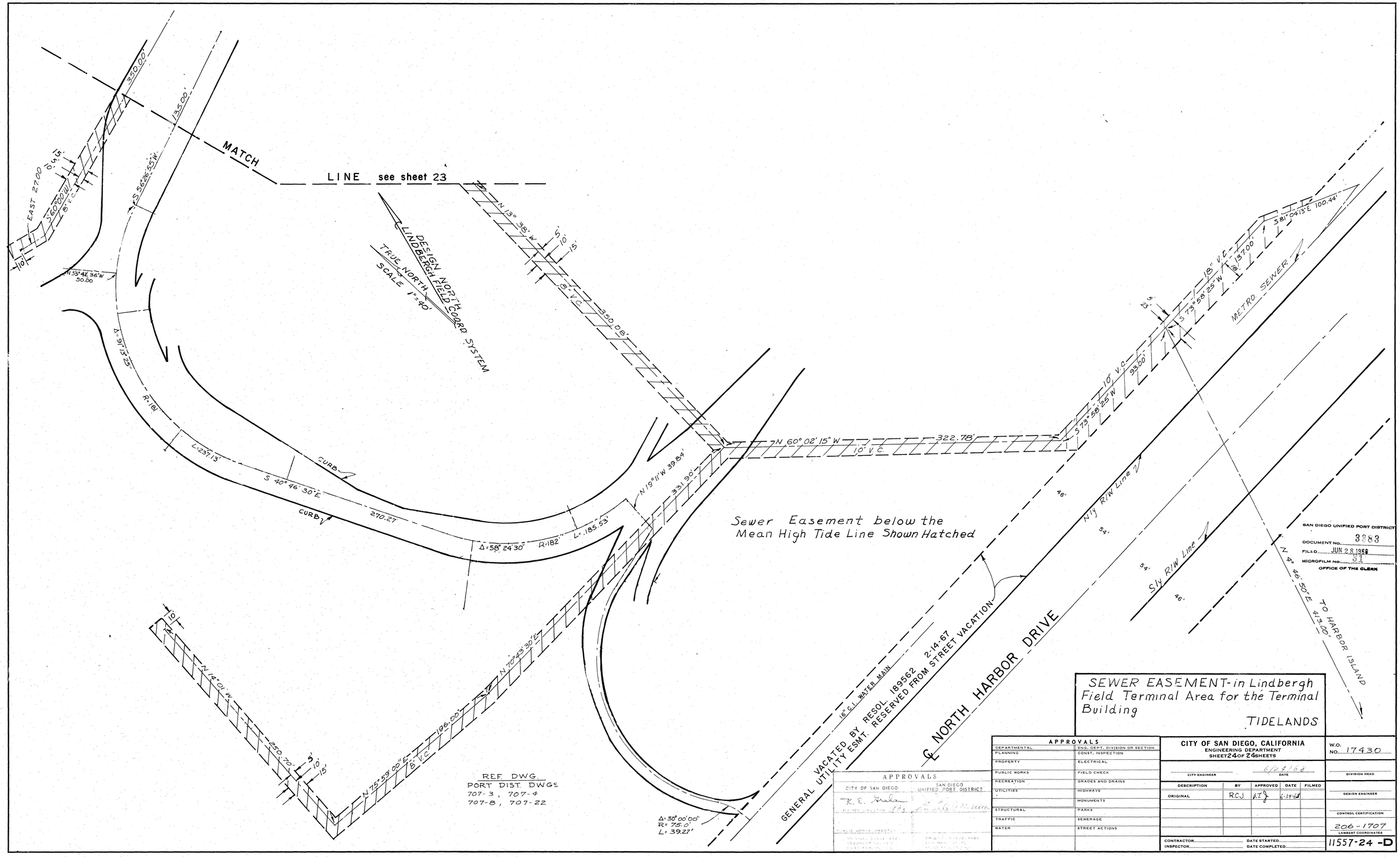
CITY ENGINEER — DATE 6/24/68

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RCS.	[illegible]	6-24-68	

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

W.O. NO. 17430
DIVISION HEAD
DESIGN ENGINEER
CONTROL CERTIFICATION
206-1707
LAMBERT COORDINATES
11,557-23-D

Administrative Record Page No. 021395



REF. DWG.
PORT DIST. DWGS
707-3, 707-4
707-8, 707-22

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

SEWER EASEMENT-in Lindbergh Field Terminal Area for the Terminal Building

TIDELANDS

APPROVALS		APPROVALS	
DEPARTMENTAL	ENG. DEPT. DIVISION OR SECTION	CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
PLANNING	CONST. INSPECTION	R. E. Graham	
PROPERTY	ELECTRICAL		
PUBLIC WORKS	FIELD CHECK		
RECREATION	GRADES AND DRAINS		
UTILITIES	HIGHWAYS		
	MONUMENTS		
STRUCTURAL	PARKS		
TRAFFIC	SEWERAGE		
WATER	STREET ACTIONS		

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 24 OF 24 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE 6/24/68 — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	[illegible]	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

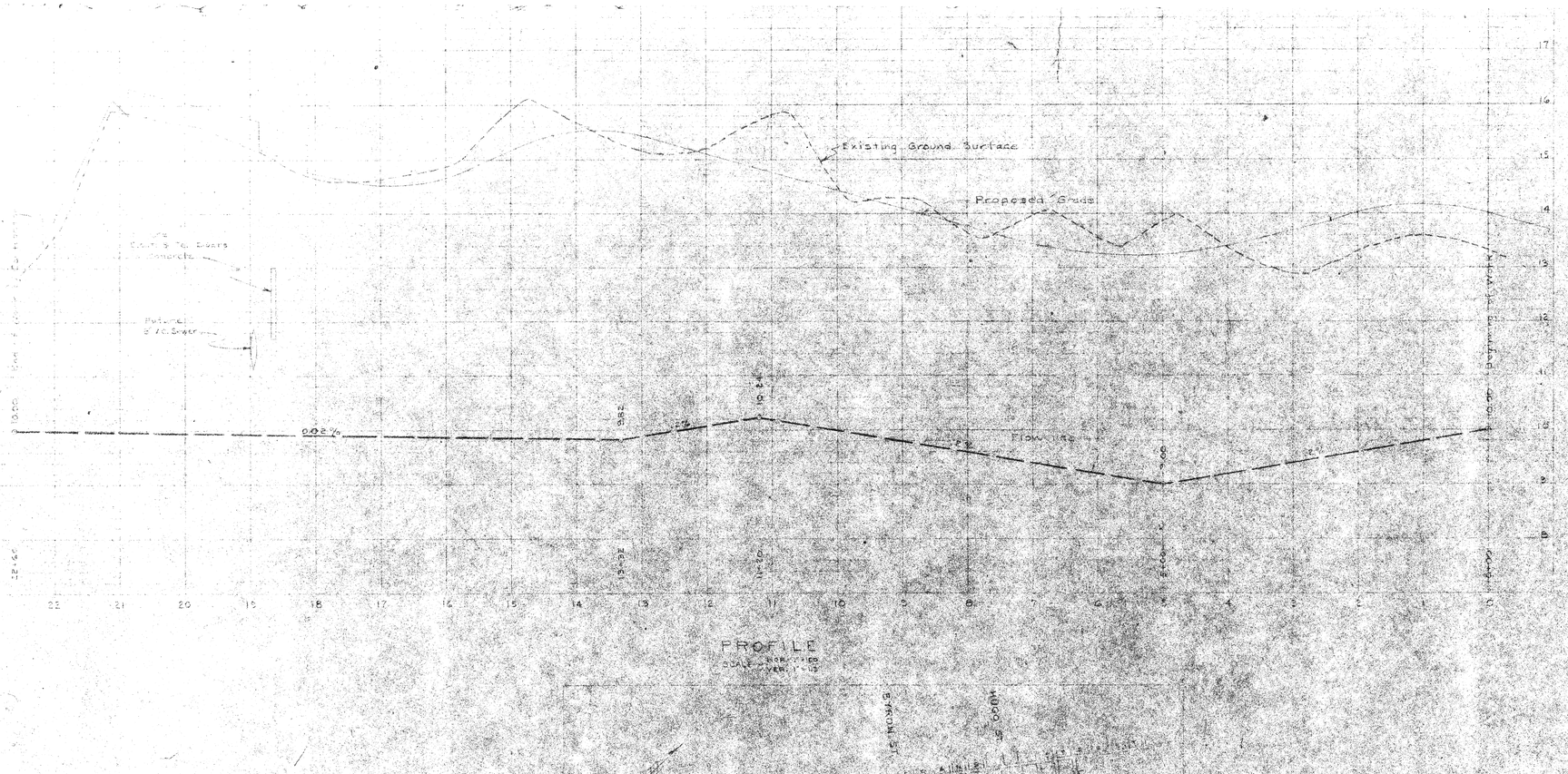
206-1707
LAMBERT COORDINATES

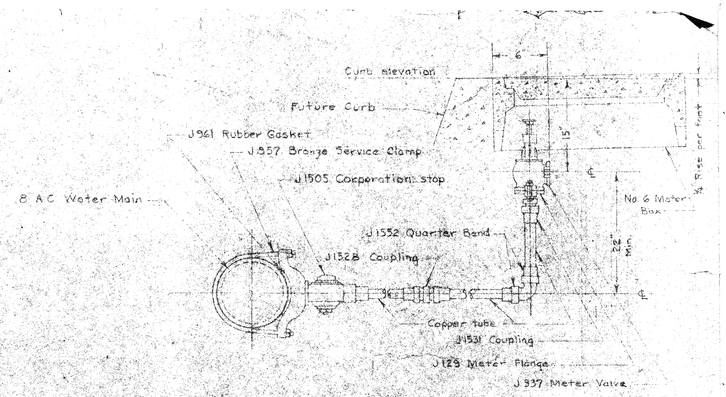
CONTRACTOR — DATE STARTED

INSPECTOR — DATE COMPLETED

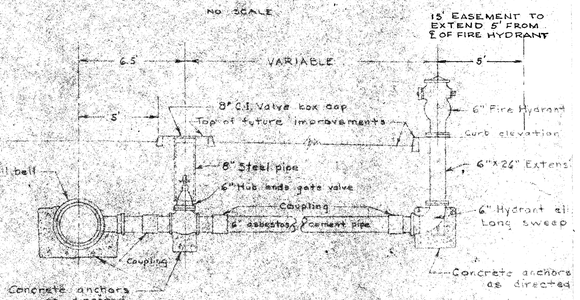
11557-24-D

Administrative Record Page No. 021396

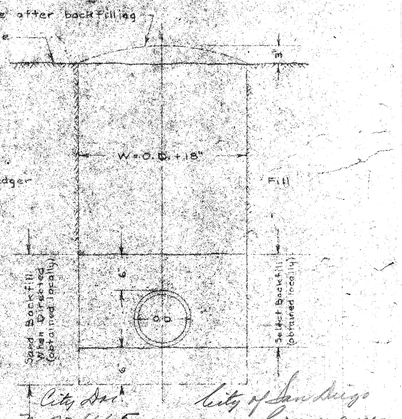




TYPICAL 2" WATER SERVICE CONNECTION
NO SCALE

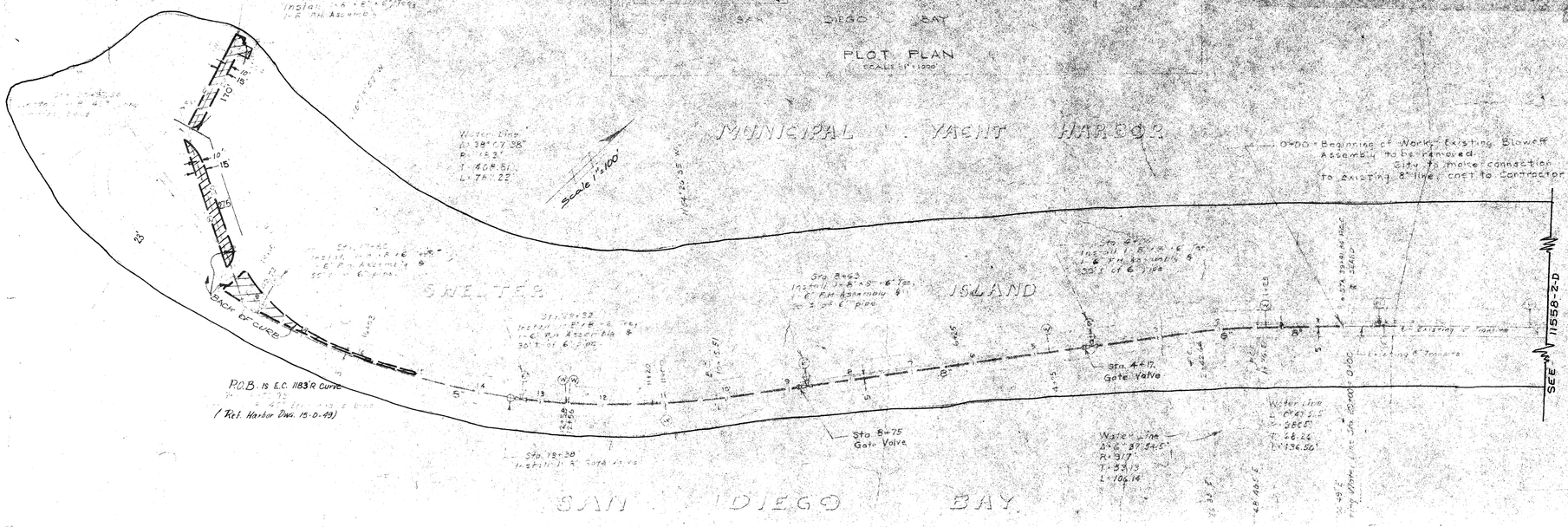


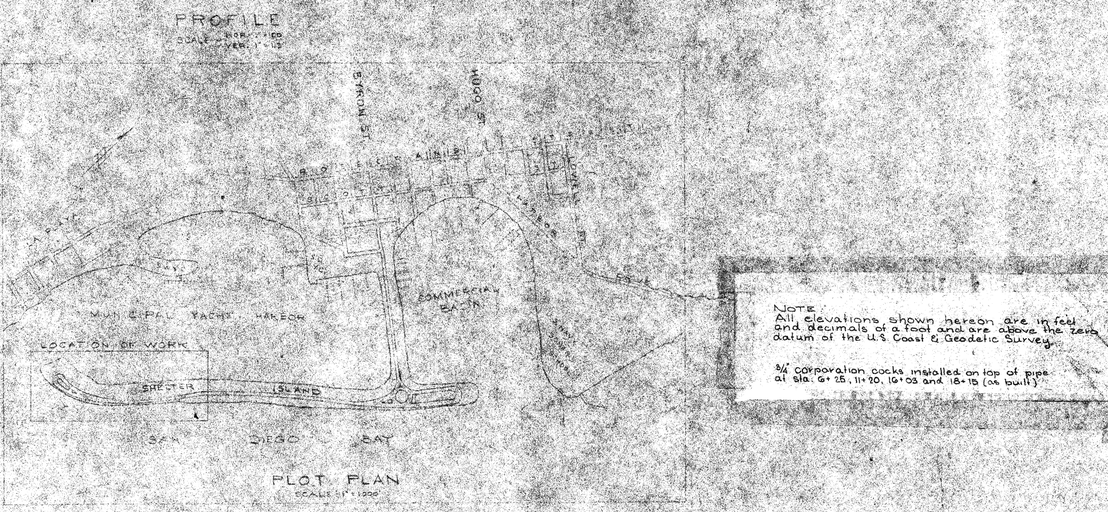
TYPICAL DETAIL OF HYDRANT ASSEMBLY
NO SCALE



City Ord.
No. 924665
6/28/68
City of San Diego
Conveyance

TYPICAL TRENCH SECTION
SCALE: 1"=1'-0"





NOTE:
All elevations shown hereon are in feet and decimals of a foot and are above the zero datum of the U.S. Coast & Geodetic Survey.

3/4" corporation cocks installed on top of pipe at sta. 0+25, 11+20, 16+03 and 18+15 (as built)

LEGEND

Proposed Water Main	
Existing Water Main	
Fire Hydrant	⊕ (6)
Gate Valve	⊕
Tee	⊥
45 Degree Bend	⊥
Water Service (2")	(W)

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham 6/24/68 UTILITIES DIRECTOR	J. Goldmann CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 695833 FILED FEB. 15, 1962	ORIGINAL CONVEYANCE DOCUMENT NO. 11 FILED FEB. 13, 1968

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

Part 1 (20)

WATER EASEMENT ~ on Shelter Island

TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 1 OF 39 SHEETS

W.O. NO. 17430

E. F. Gonsalves 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	J.H.Wann		6/24/68	

DESIGN ENGINEER

CONTROL CERTIFICATION

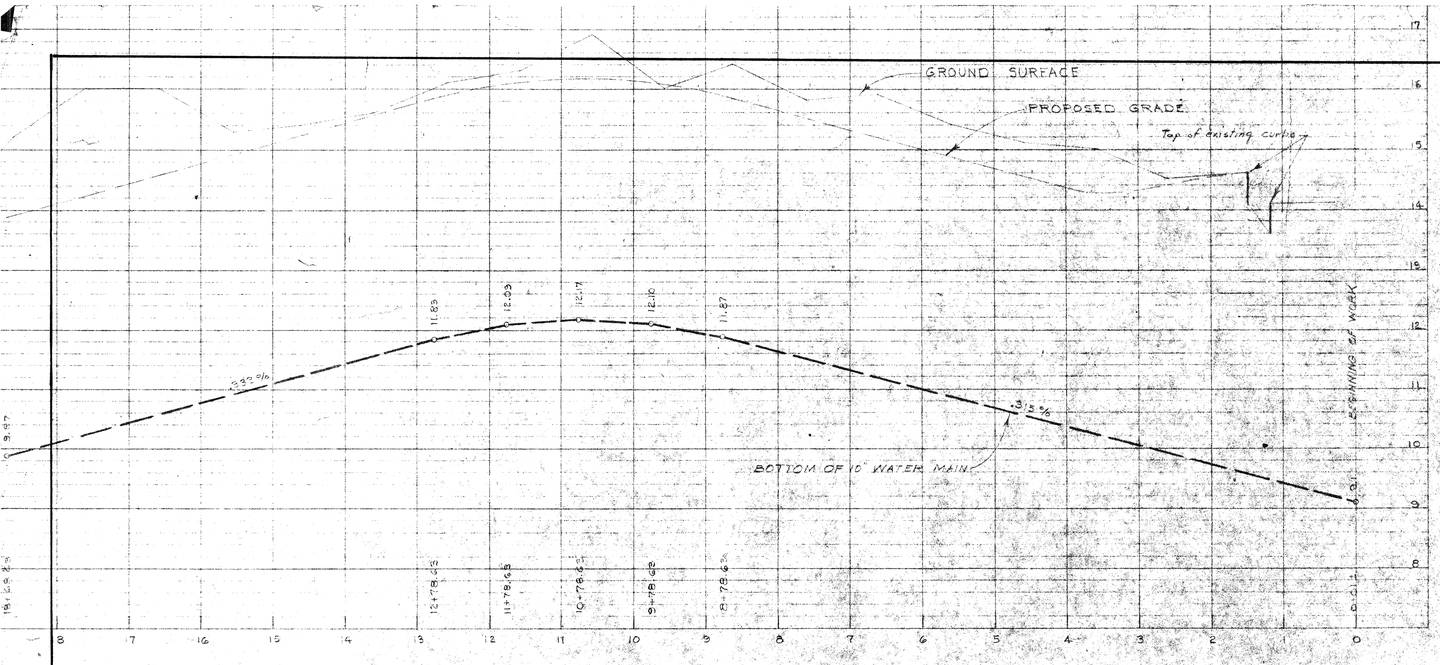
198-1697
LAMBERT COORDINATES

CONTRACTOR ..... DATE STARTED .....
INSPECTOR ..... DATE COMPLETED .....

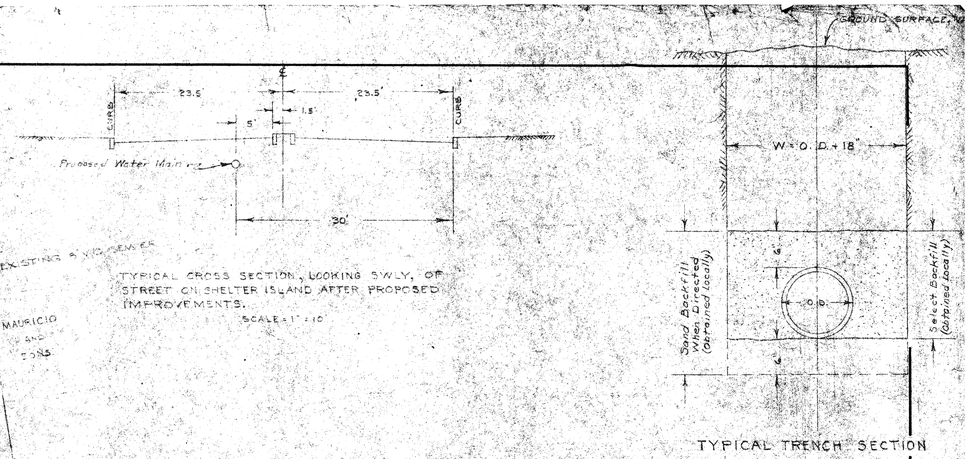
11558-1-D

HARBOR NO 15-D-49

Administrative Record Page No. 021397

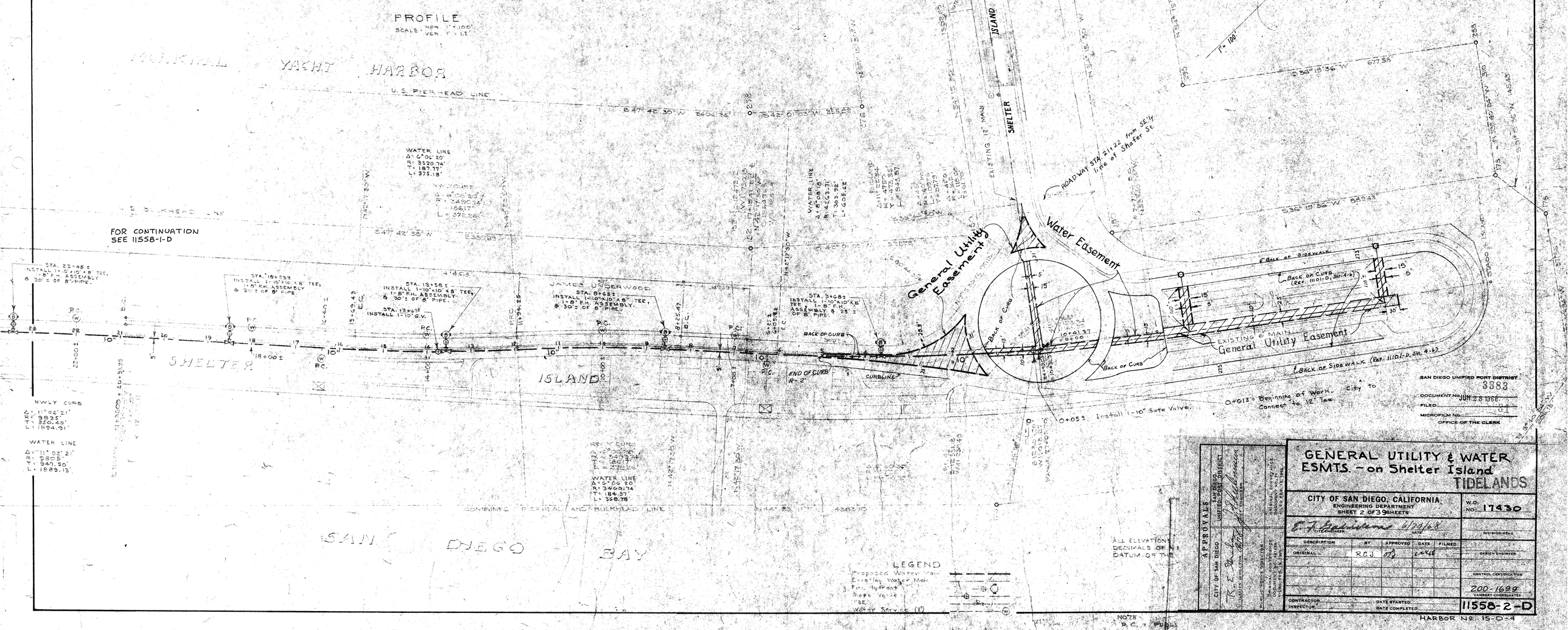


PROFILE
SCALE: HOR. 1" = 100'
VER. 1" = 12'



TYPICAL CROSS SECTION, LOOKING S'WLY, OF STREET ON SHELTER ISLAND AFTER PROPOSED IMPROVEMENTS.
SCALE: 1" = 10'

TYPICAL TRENCH SECTION
SCALE: 1" = 1'-0"



NOTES
P.C. = PUBLIC
SEE FIELD BOOK

SAN DIEGO UNIFIED PORT DISTRICT
3383
DOCUMENT NO. JUN 23 1968
FILED
MICROFILM NO.
OFFICE OF THE CLERK

APPROVALS
SAN DIEGO UNIFIED PORT DISTRICT
CITY OF SAN DIEGO
R. C. Smith
ENGINEER IN CHARGE
RECOMMENDED FOR APPROVAL
DIRECTOR OF PORT DEVELOPMENT
RECOMMENDED FOR APPROVAL
CITY ENGINEER

GENERAL UTILITY & WATER ESMTS. - on Shelter Island
TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 2 OF 39 SHEETS

W.O. NO. 17430

E. A. Hodgkinson 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.		2-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

200-1699
LAMBERT COORDINATES

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-2-D

HARBOR No. 15-D-4

Administrative Record Page No. 021398

LINDBERGH FIELD

RUNWAY 9-27

TAXI

UNIT NO. II

STRIP

BEGINNING OF WORK.
CITY TO INSTALL & CONNECT TO 12"x8" CROSS; COST TO CONTRACTOR $206.00

INSTALL 1-8" BLOW OFF ASSEMBLY — END OF WORK BY CONTRACTOR

Top of Storm Drain 7'± below surface

750'±

2" ROAD MIX

2455'±

INSTALL 1-8" GATE VALVE

8' Chain Link Fence

INSTALL 1-8"x8"x6" TEE, 1-6" F.H. ASSEMBLY, SEE DETAIL

INSTALL 1-8" GATE VALVE

550'±

555'±

INSTALL 1-8"x8"x6" TEE, 1-6" F.H. ASSEMBLY, SEE DETAIL

Top of Sewer 10'± below surface

INSTALL 1-8" BLOW OFF ASSEMBLY END OF WORK BY CONTRACTOR

CONVAIR B-36 BUILDING

A/C

TAXIWAY

WAKE BLVD.

Connection as built:
Short lengths of Class 150 Transite Pipe and 11¾" Cast Iron P.V.S. L&T Wedge Valves and Cross.

SCALE 1" = 100'

See 11558-20-D

6" Fire hydrant

8" Chain link fence

Ground surface or top of pavement

8" C.I. valve box cap

8" MIN.

S.C.C. or pavement

6" C.I. serrated extension

6" C.I. hydrostell

Tee, all C.I.

Concrete anchors as directed.

Concrete anchor as directed

TYPICAL DETAIL OF HYDRANT ASSEMBLY
NO SCALE

Easement below M.H.T.L. shown hatched.

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

Connection as built:
Short length of Class 150 Transite Pipe and 11¾" Cast Iron P.V.S. L&T Wedge Valves and Cross.

6" Reinforced Concrete Taxi Strips

see sheet 11558-23-D for esmt for 16" C.I. water line

Top of Storm Drain 6'± below surface

SEE WINDING OF WORK
CITY TO INSTALL & CONNECT TO 8" TEE, COST TO CONTRACTOR $100.00
INSTALL 1-8 GATE VALVE

750'±

1505'±

750'±

Conc. Anchors

4"x4" Bracing

Easem Tower

8' Chain Link Fence

INSTALL 1-8"x8"x6" TEE, 1-6" F.H. ASSEMBLY & 17'± OF 6" PIPE SEE DETAIL

INSTALL 1-8"x8"x6" TEE, 1-6" F.H. ASSEMBLY & 17'± OF 6" PIPE SEE DETAIL

INSTALL 1-8" BLOW OFF ASSEMBLY END OF WORK BY CONTRACTOR

Water Easement SEE 1155E 4-D

UNIT NO. I

RYAN AERONAUTICAL CO

LEGEND

Proposed Water Main

Exist. Water Main
Fire Hydrant
Gate Valve
TEE
Sewer
Gas
Electric
Storm Drain
Cross

NOTE: ALL F.F.F. CLASS 200 TRANSITE EXCEPT AS NOTED

PLOT PLAN
SHOWING LOCATION OF WORK

PACIFIC HIGHWAY
LINDBERGH FIELD
UNIT NO. I
UNIT NO. II
RYAN
HARBOR DRIVE
U.S. COAST GUARD BASE
SAN DIEGO BAY
EAST OF SAN DIEGO

TYPICAL TRENCH SECTION
UNIT NO. I

GROUND SURFACE
DREDGER
W = O.D. + 18"
FILL
Sand Back Fill When Directed
Select Backfill
O.D.

TYPICAL TRENCH SECTION
UNIT NO. II

TOP OF PAVING
EXIST. L & T WEDGE VALVE AND CAST I.P. 12" ROAD MIX
EXIST. TEE
10" SELECTED SAND
DREDGER
W = O.D. + 18"
FILL
Sand Back Fill When Directed
Select Backfill
O.D.

TYPICAL TRENCH SECTION
CROSSING A.C. PAVEMENT

Replace Existing 8" A.C. Crossing Thus

Replace Existing 3" A.C. Crossing Thus

TOP OF PAVING
EXISTING 8" A.C.
PAVE WITH 3" A.C.
EXISTING 3" A.C.
PAVE 10" CONCRETE
SELECT YARD
8" CRUSHED RUN
12" SELECT BORROW
Compact existing select material or crusher run to 95% compaction.
W = O.D. + 18"
DREDGER
FILL
Sand Backfill When Directed
O.D.

APPROVED: SAN DIEGO UNIFIED PORT DISTRICT
APPROVED: CITY OF SAN DIEGO
RECOMMENDED: DIVISION ENGINEER
RECOMMENDED: DIVISION HEAD
RECOMMENDED: BRANCH ENGINEER
RECOMMENDED: CONTROL CERTIFICATION

WATER ESMTS - 8" fire line in Lindbergh Field, E'ly & W'ly of Wake Blvd, N'ly of North Harbor Dr.
TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 3 OF 39 SHEETS
W.O. NO. 17430
SURVEYED
DIVISION HEAD
DESIGNED
BRANCH ENGINEER
CONTROL CERTIFICATION
206-1707
LAMBERT COORDINATES

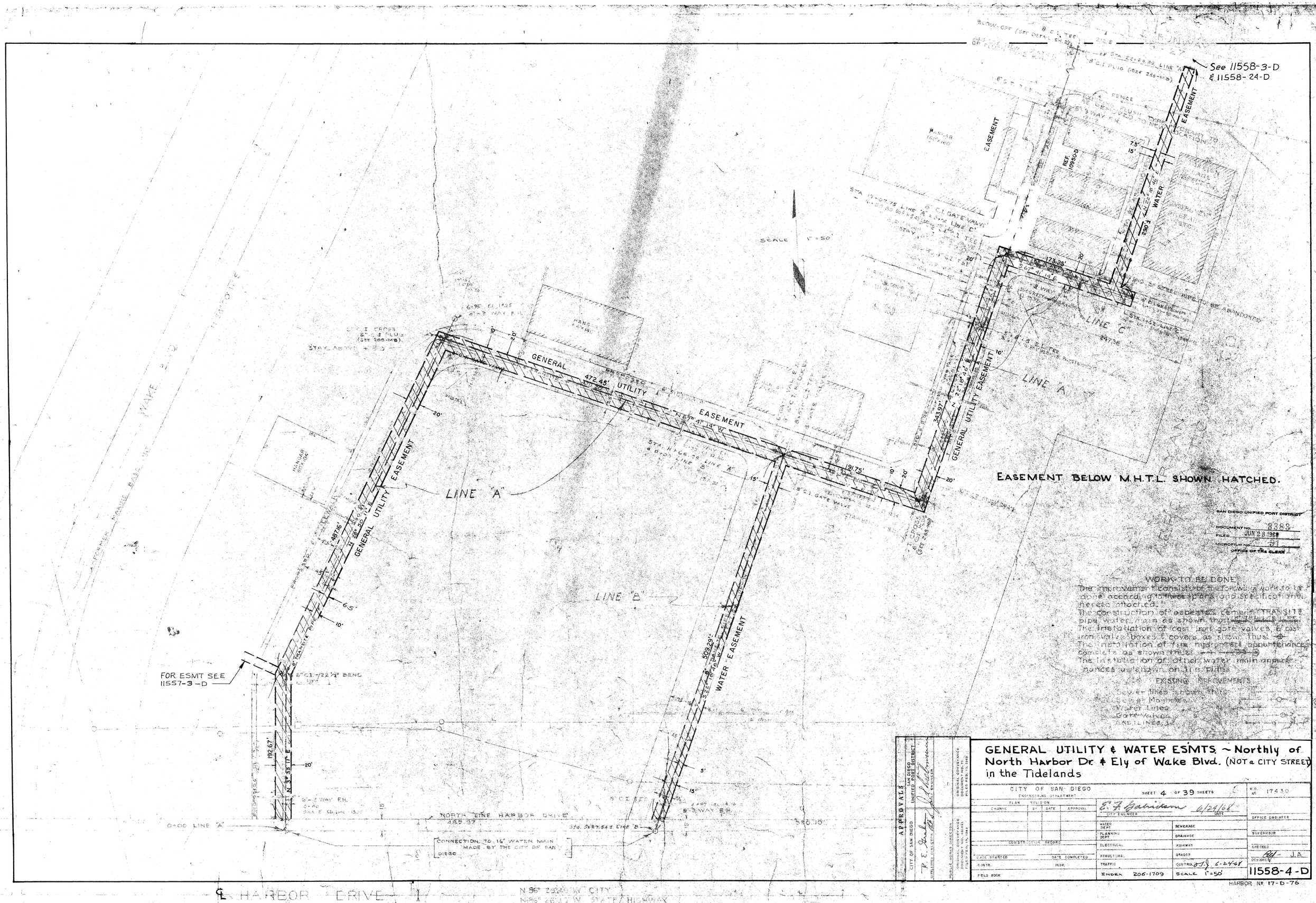
DESCRIPTION	BY	APPROVED	DATE	FILED
1 ORIGINAL			6-24-68	

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-3-D

HARBOR No. 17-D-100

Administrative Record Page No. 021399


See 11558-3-D & 11558-24-D
EASEMENT
REF. 10950-D
WATER
7.5'
15'
230.4'
EASEMENT
SCALE 1" = 50'
STA 21+07.75 LINE "A"
8" C.I. GATE VALVE
173.25'
N 67° 41' 14" E
LINE "C"
LINE "A"
10'
GENERAL UTILITY EASEMENT
344.97'
N 67° 41' 14" W
472.45'
GENERAL UTILITY EASEMENT
191.75'
STA 17+66.26 LINE "A"
STA 0+00 LINE "B"
15'
8" C.I. GATE VALVE
20'
HANGAR
6" C.I. TEE
6" C.I. CROSS
6" C.I. PLUG
(See 288-MB)
STAY ABOVE M.H.W.L.
6" C.I. 1/22 1/2° BEND
6" C.I. TEE
6" C.I. 45° BEND
6" C.I. 22 1/2° BEND
6" C.I. GATE VALVE
6" C.I. PLUG
(See 288-MB)
6" C.I. 45° BEND
6" C.I. TEE
6" C.I. 22 1/2° BEND
6" C.I. 45° BEND

Administrative Record Page No. 021400

HARBOR DRIVE

SCALE 1"=50'

AMERICAN PRODUCTS INC.

PLANING MILL

4" CONC. PAVING

LEASE LINE

U.S. BULKHEAD LINE

Easement below M.H.T.L. shown hatched.
Dimensions marked * are shown on DWG. 11556-22-D

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

S'Wly. line 7th St. as shown on Dwg. 9-D-10, Harbor Dept.

General Utility Easement and Drain.

S'Wly. line Harbor Drive

General Utility Easement and Drain

S'Wly. line 8th St. as shown on Dwg. 9-D-10, Harbor Dept.

APPROVALS
SAN DIEGO UNIFIED PORT DISTRICT
ENGINEER

WATER EASEMENT — 7th and 8th St. TIDELANDS

CITY OF SAN DIEGO
ENGINEERING DEPARTMENT

SHEET 5 OF 39 SHEETS

W.O. NO. 17430

PLAN REVISION			
CHANGE	BY	DATE	APPROVAL

E. F. Bahnsen 6/29/68
CITY ENGINEER DATE

WATER DEPT.	SEWERAGE
PLANNING DEPT.	DRAINAGE
ELECTRICAL	HIGHWAY
STRUCTURAL	GRADES
TRAFFIC	CONTROL
COORD. INDEX 196-17.9	

OFFICE ENGINEER
SUPERVISION
CHECKED J.D.
DESIGNED
11558-5-D

CONSTRUCTION RECORD
DATE STARTED DATE COMPLETED
CONTR. INSP.
FIELD BOOK

Administrative Record Page No. 021401

GENERAL UTILITY ESMT. in Water Street bet Beardsley St & Crosby St. (Not City Streets) In Tidelands

CITY OF SAN DIEGO — SHEET 6 OF 39 SHEETS — W.O. 174486

E. E. Brennan 12-1-58

APPROVALS	
CITY OF SAN DIEGO	UNIFIED PORT DISTRICT
R. E. Hinkle	

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 26 1959
MICROFILM NO.
OFFICE OF THE CLERK

11558-6-D

HARBOR DR. (S.D.) D-3

SECTION THRU CATCH BASIN Nº 1

SCALE 1"= 1'0"

NOTE: SHOULD EXCAVATION REVEAL A RADICAL DIFFERENCE BETWEEN LOCATION OF CURB AND CENTER OF EXISTING 42" PIPE, ABOVE SECTION WILL BE REVISED.

TYPICAL SECTION THRU BASINS 3 & 4

SCALE 3/4 "=1'-0"

NOTE: WITH THE EXCEPTION OF CONCRETING IN THE EXISTING C.I.PIPE & SIZE & SPACING OF REINFORCING ALL OTHER DETAILS TO BE IN ACCORDANCE WITH DRAWING Nº 93-M.B.

WORK TO BE DONE

The improvement consists of the following work to be done in accordance with these plans and the specifications prepared therefor. The grading, preparation of the subgrade and paving with 4" of asphaltic concrete (1½" asphaltic concrete wearing surface, 2½" asphaltic concrete base) the area of the streets shown shaded, the construction of storm drains and curb shown by heavy line.

The construction of catch basins, installation of concrete pipe drain and connections to existing drains as noted on plans, the [illegible] of [illegible]

TYPICAL CROSS SECTION OF STREET

Easement below M.H.T.L. shown hatched

WATER ST. PROFILE

SCALES: Hor. 1"=50' Ver. 1"=3'

CROSBY ST. PROFILE

SCALE: Hor. 1"=50' Ver. 1"=3'

FILE ON ± OF 3" DRAIN AT STA 0+75

SCALE: Hor. 1"=5' Ver. 1"=5'

NOTE: DEPRESS STANDARD CONC. CURB TO ONE INCH ABOVE GUTTER GRADE, THE FULL WIDTH OF DRIVEWAYS AS NOTED ON THE PLAN, AND BEGIN THE TRANSITION OF THE CONC. CURB 1.5' ON EACH SIDE OF ALL DRIVEWAYS. PROVIDE ONE INCH GUTTERS AT ALL DRIVEWAYS BY OMITTING TO POUR THE TOP 5" OF STD. CURB

NOTE: TEL. POLE 401-298-H TO BE MOVED BY OTHERS. SET BACK OF POLE 0.25' INSIDE STREET LINE

SEE 11557-12-D FOR SEWER EASEMENT.

BEGIN DEPRESSED STANDARD CONC. CURB FLUSH WITH THE SURFACE OF PAVING 50' LEFT OF & PARALLEL TO CENTER LINE OF CROSBY ST.

NOTE: DEPRESS STANDARD CONC. CURBS TO ONE INCH ABOVE GUTTER GRADE, THE FULL WIDTH OF DRIVEWAYS AS NOTED ON THE PLAN, AND BEGIN TRANSITION OF CONC. CURBS 1.5' ON EACH SIDE OF THE DRIVEWAYS. DO NOT RAISE THE TOP 5" OF CURB AT ALL DRIVEWAYS TO PROVIDE DEPRESSED CURBS.

END THE CONTRACT WORK AT THE MEAN HIGH TIDE LINE AND INSTALL 2"x6" No 1 CREOSOTED HEADER THE FULL WIDTH PAVING. 11.5

CUT OPENING IN PIPE

NOT CURB CONSTRUCT

EXISTING 20" C.I. PIPE REMOVE UPPER HALF OF PIPE IN BASIN AFTER LOWER HALF IS CONCRETED IN

INVERT BASIN Nº 3 = 3.21
INVERT BASIN Nº 4 = 2.81

BEGINNING CONTRACT WORK (105.5' OF GRATE 0.30' S. OF CROSBY ST.)

AT STA 0+00 CONSTRUCT TYPE D CATCH BASIN

CONSTRUCT TYPE D CATCH BASIN Nº 1

CONSTRUCT TYPE D CATCH BASINS Nº 3 & 4

CONSTRUCT CROSS GUTTER AT CATCH BASIN

CONSTRUCT 6" WATER LINE

CONSTRUCT 20" SEWER

CUT OUT & REMOVE EXISTING CATCH BASIN

CUT OUT & REMOVE EXISTING CURB

CUT OUT & REMOVE EXISTING CONC. SLAB

CUT OUT & REMOVE EXISTING CONC. PIPE

CUT OUT & REMOVE EXISTING 42" R.C. PIPE

CUT OUT & REMOVE EXISTING 42" R.C. STORM DRAIN

CUT OUT & REMOVE EXISTING 20" C.I. SEWER

CUT OUT & REMOVE EXISTING 3" DRAIN

CUT OUT & REMOVE EXISTING 6" WATER LINE

CUT OUT & REMOVE EXISTING 8" WATER LINE

CUT OUT & REMOVE EXISTING 12" WATER LINE

CUT OUT & REMOVE EXISTING 4" W.I. FISH OIL PIPE LINE

CUT OUT & REMOVE EXISTING 6" W.I. FISH OIL PIPE LINE

CUT OUT & REMOVE EXISTING 8" W.I. FISH OIL PIPE LINE

CUT OUT & REMOVE EXISTING 10" W.I. FISH OIL PIPE LINE

CUT OUT & REMOVE EXISTING 12" W.I. FISH OIL PIPE LINE

CUT OUT & REMOVE EXISTING 4" C.I. GAS PIPE LINE

CUT OUT & REMOVE EXISTING 6" C.I. GAS PIPE LINE

CUT OUT & REMOVE EXISTING 8" C.I. GAS PIPE LINE

CUT OUT & REMOVE EXISTING 10" C.I. GAS PIPE LINE

CUT OUT & REMOVE EXISTING 12" C.I. GAS PIPE LINE

CUT OUT & REMOVE EXISTING 4" C.I. WATER LINE

CUT OUT & REMOVE EXISTING 6" C.I. WATER LINE

CUT OUT & REMOVE EXISTING 8" C.I. WATER LINE

CUT OUT & REMOVE EXISTING 10" C.I. WATER LINE

CUT OUT & REMOVE EXISTING 12" C.I. WATER LINE

CUT OUT & REMOVE EXISTING 4" C.I. SEWER LINE

CUT OUT & REMOVE EXISTING 6" C.I. SEWER LINE

CUT OUT & REMOVE EXISTING 8" C.I. SEWER LINE

CUT OUT & REMOVE EXISTING 10" C.I. SEWER LINE

CUT OUT & REMOVE EXISTING 12" C.I. SEWER LINE

CUT OUT & REMOVE EXISTING 4" C.I. STORM DRAIN LINE

CUT OUT & REMOVE EXISTING 6" C.I. STORM DRAIN LINE

CUT OUT & REMOVE EXISTING 8" C.I. STORM DRAIN LINE

CUT OUT & REMOVE EXISTING 10" C.I. STORM DRAIN LINE

CUT OUT & REMOVE EXISTING 12" C.I. STORM DRAIN LINE

CUT OUT & REMOVE EXISTING 4" C.I. GAS LINE

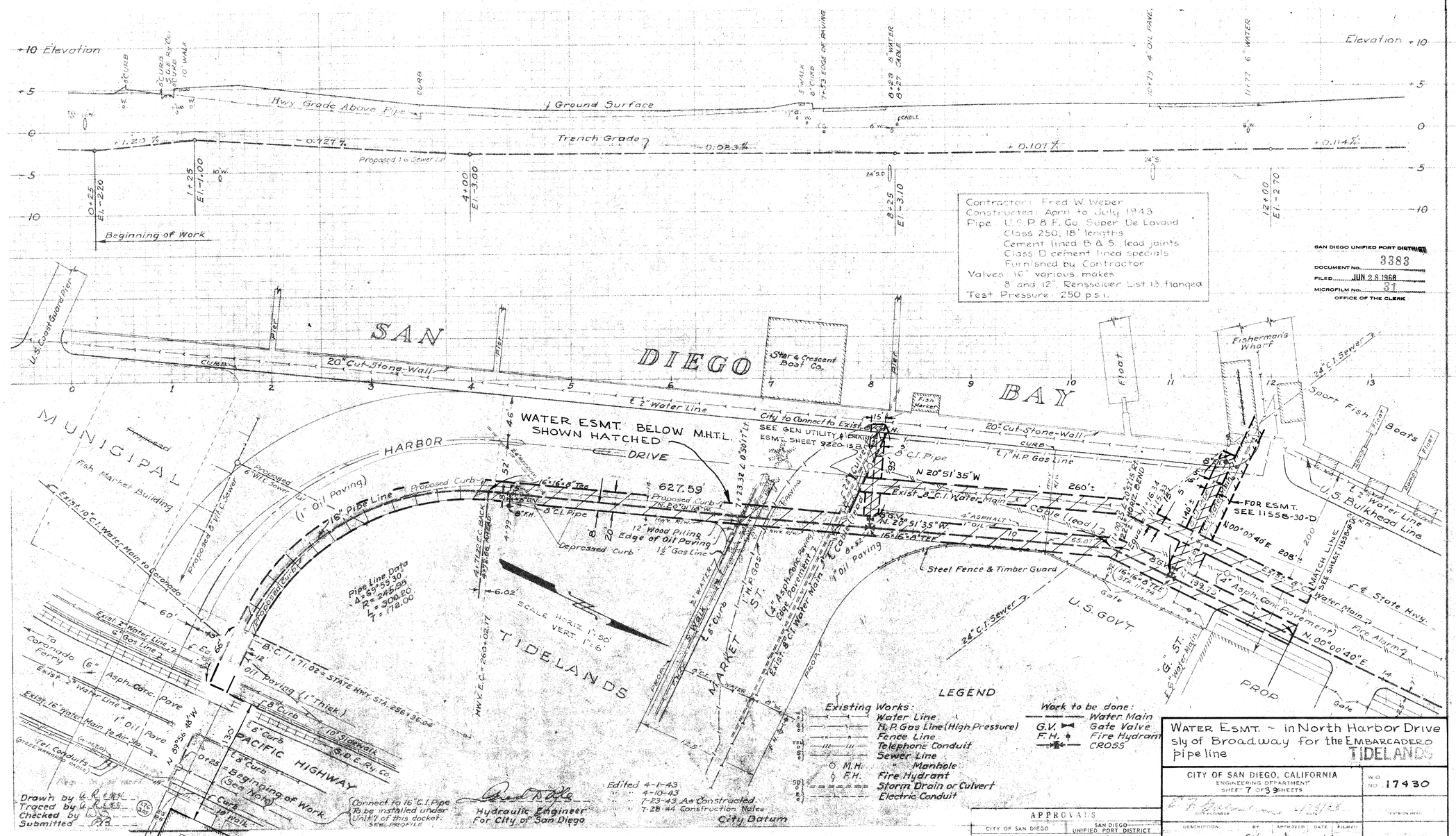
CUT OUT & REMOVE EXISTING 6" C.I. GAS LINE

CUT OUT & REMOVE EXISTING 8" C.I. GAS LINE

CUT OUT & REMOVE EXISTING 10" C.I. GAS LINE

CUT OUT & REMOVE EXISTING 12" C.I. GAS

Administrative Record Page No. 021402



WATER ESMT. ~ in North Harbor Drive sly of Broadway for the EMBARCADERO pipe line

TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 7 OF 39 SHEETS

W.O. NO. 17430

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Gordon	
CITY ENGINEER	
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 611555 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

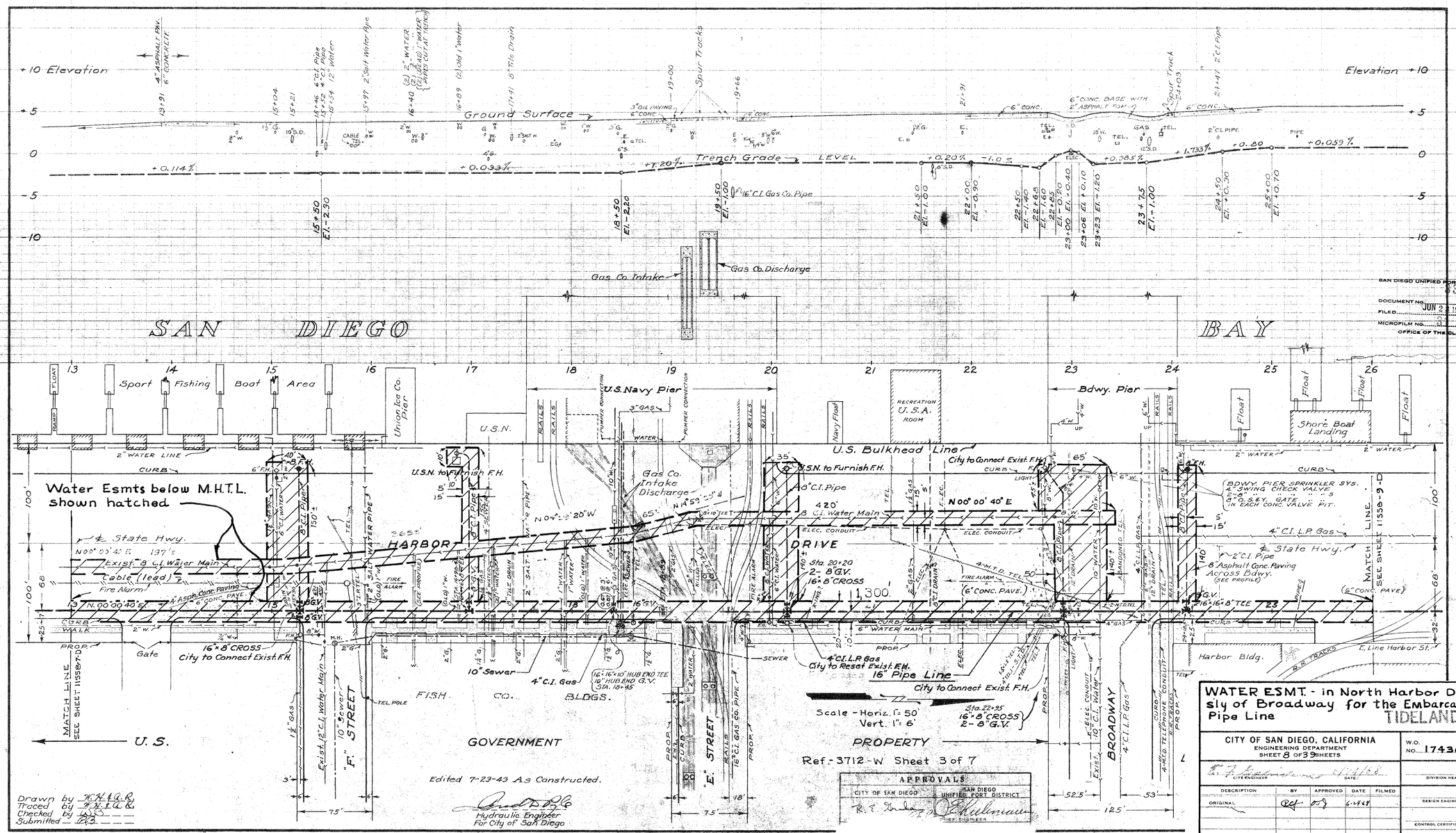
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL			1-24-61	

DIVISION HEAD
DESIGN ENGINEER
CONTROL CERTIFICATION
198-171S
LAMBERT COORDINATES

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

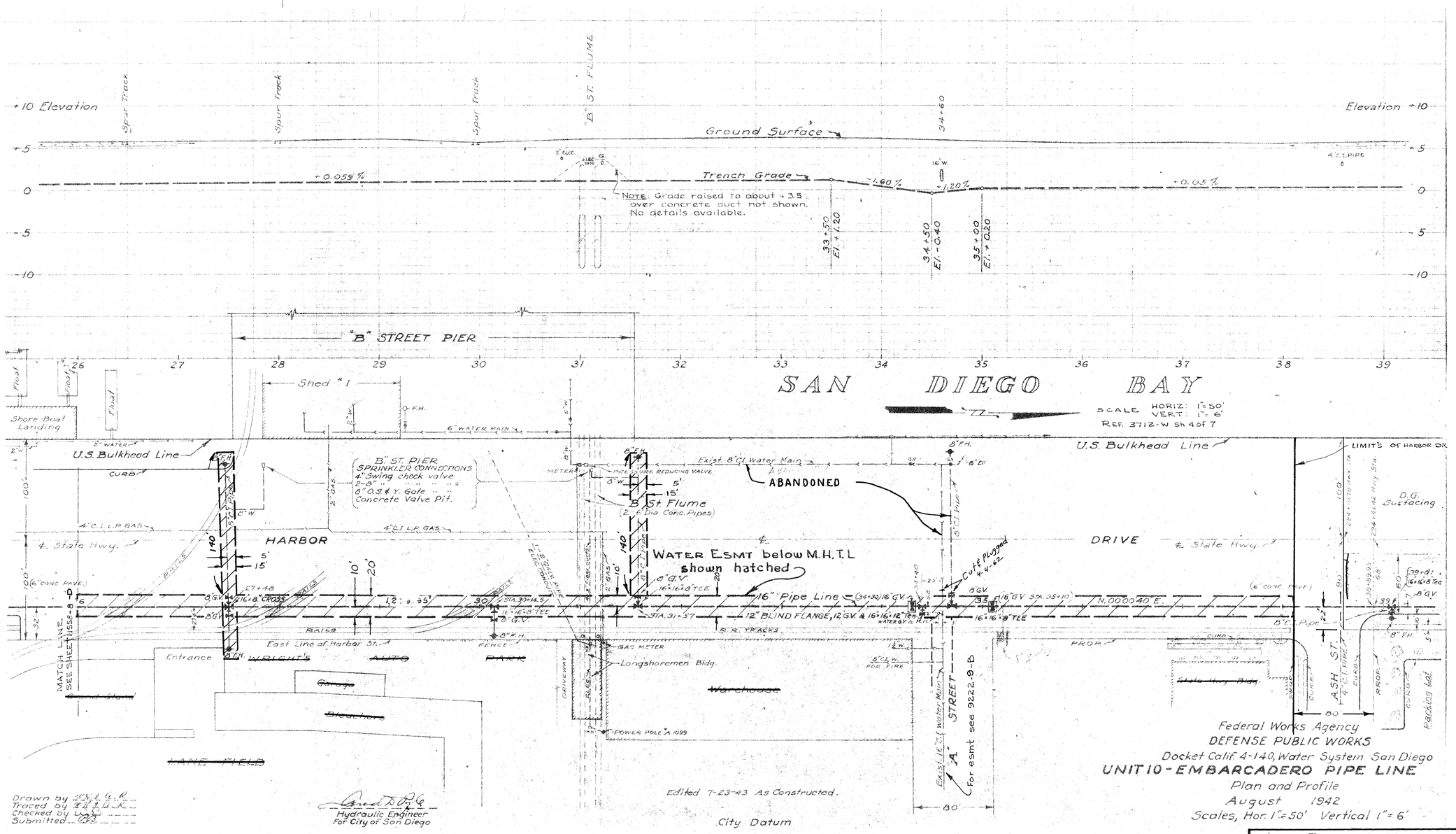
11558-7-D

REF 3712-2-W



SAN DIEGO BAY
Ground Surface
Trench Grade LEVEL
Elevation
Spur Tracks
Gas Co. Intake
Gas Co. Discharge
Sport Fishing Boat Area
U.S. Navy Pier
Bdwy. Pier
U.S. Bulkhead Line
Shore Boat Landing
Water Esmts below M.H.T.L. shown hatched
HARBOR DRIVE
State Hwy.
Exist. 8" C.I. Water Main
Cable (lead)
Fire Alarm
16"×8" CROSS
City to Connect Exist. F.H.
10" Sewer
4" C.I. Gas
16" Pipe Line
City to Connect Exist. F.H.
4" C.I. L.P. Gas
City to Reset Exist. F.H.
Harbor Bldg.
E. Line Harbor St.
"F" STREET
"E" STREET
BROADWAY
FISH CO. BLDGS.
U.S. GOVERNMENT PROPERTY
Scale - Horiz. 1" = 50'
Vert. 1" = 6'
Ref. - 3712-W Sheet 3 of 7
Edited 7-23-43 As Constructed.
Hydraulic Engineer For City of San Diego
Drawn by W.H.&A.R.
Traced by W.H.&A.R.
Checked by
Submitted
APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 8383
FILED JUN 2 1968
MICROFILM NO.
OFFICE OF THE CLERK
WATER ESMT. - in North Harbor Drive sly of Broadway for the Embarcadero Pipe Line
TIDELANDS
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 8 OF 39 SHEETS
W.O. NO. 17430
DESCRIPTION
BY
APPROVED
DATE
FILMED
ORIGINAL
198-1715
LAMBERT COORDINATES
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED
11558-8-D

Administrative Record Page No. 021404



Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4-140, Water System San Diego
UNIT 10 - EMBARCADERO PIPE LINE
Plan and Profile
August 1942
Scales, Hor. 1"=50' Vertical 1"=6'

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK

WATER ESMT. - in North Harbor Drive sly of Broadway for the EMBARCADERO pipe line

TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 9 OF 39 SHEETS

W.O. NO. 17430

APPROVALS

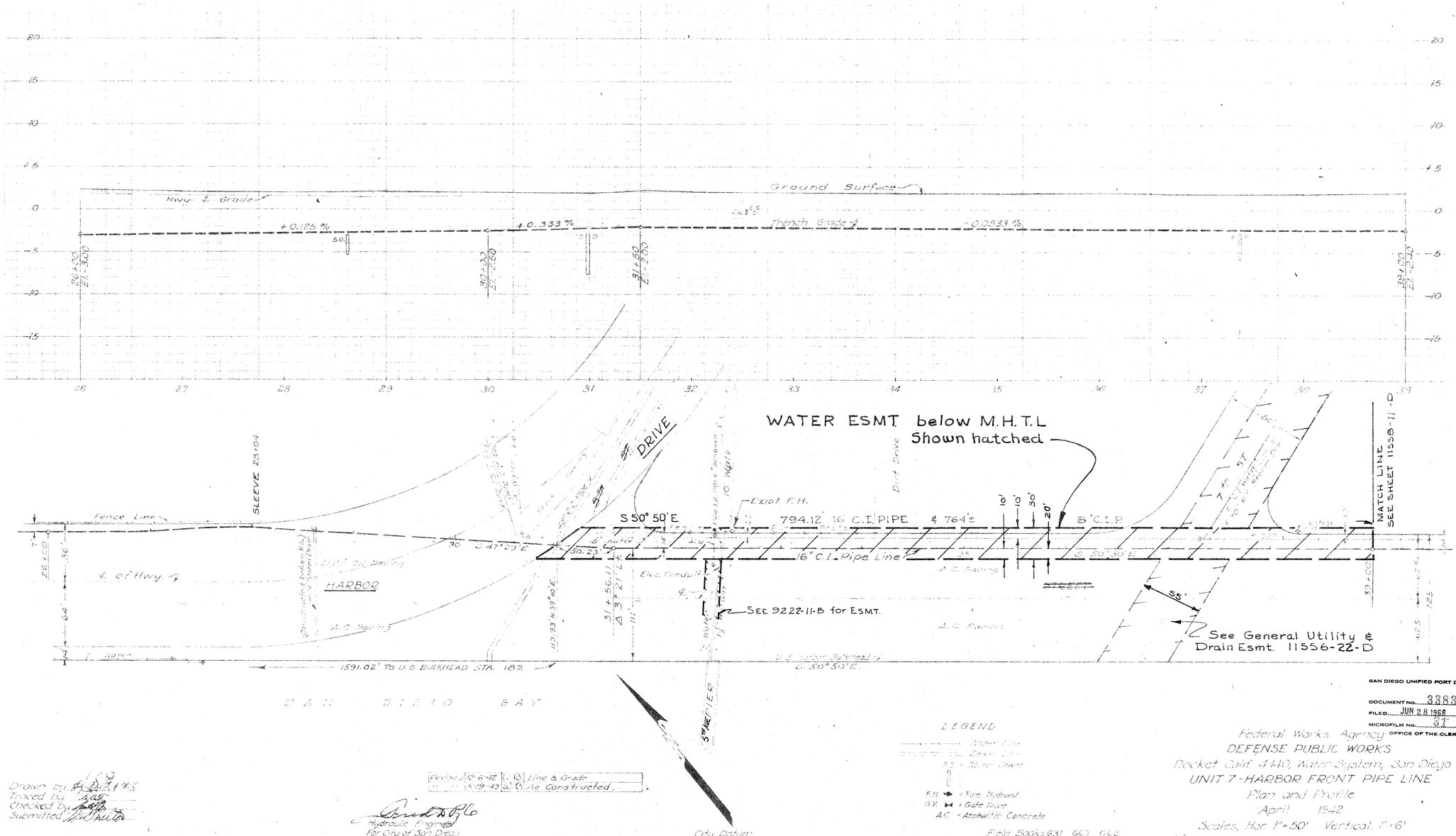
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Grahe	
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 65189 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 15, 1962

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL			1-24-68	

DIVISION HEAD
DIVISION ENGINEER
CONTRACT CERTIFICATION
202-1715
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558 9 -D

Administrative Record Page No. 021405



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3388
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4110, Water System, San Diego
UNIT 7-HARBOR FRONT PIPE LINE
Plan and Profile
April 1942
Scales, Hor. 1"=50' Vertical 1"=6'

LEGEND
Water Line
Sewer Line
S.D. = St. Drn. Sewer
F.H. = Fire Hydrant
G.V. = Gate Valve
A.C. = Asphaltic Concrete

Field Books 631, 667, 668

Ref. Dwg.
3709-W 6 of 23

Drawn by [illegible]
Traced by [illegible]
Checked by [illegible]
Submitted [illegible]

Revised		
6-12	C	Line & Grade
4-19-43	C	As Constructed.

Hydraulic Engineer
For City of San Diego

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Finley	E. H. Wheeler
CHIEF ENGINEER	CHIEF ENGINEER
[illegible]	[illegible]
ORIGINAL CONSTRUCTION	ORIGINAL CONSTRUCTION

WATER ESMT. - swly of 5th Ave & Harbor Drive TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 10 OF 39 SHEETS

W.O. NO. 17430

E. H. Wheeler 6/24/68
RECOMMENDED DATE
DIVISION HEAD

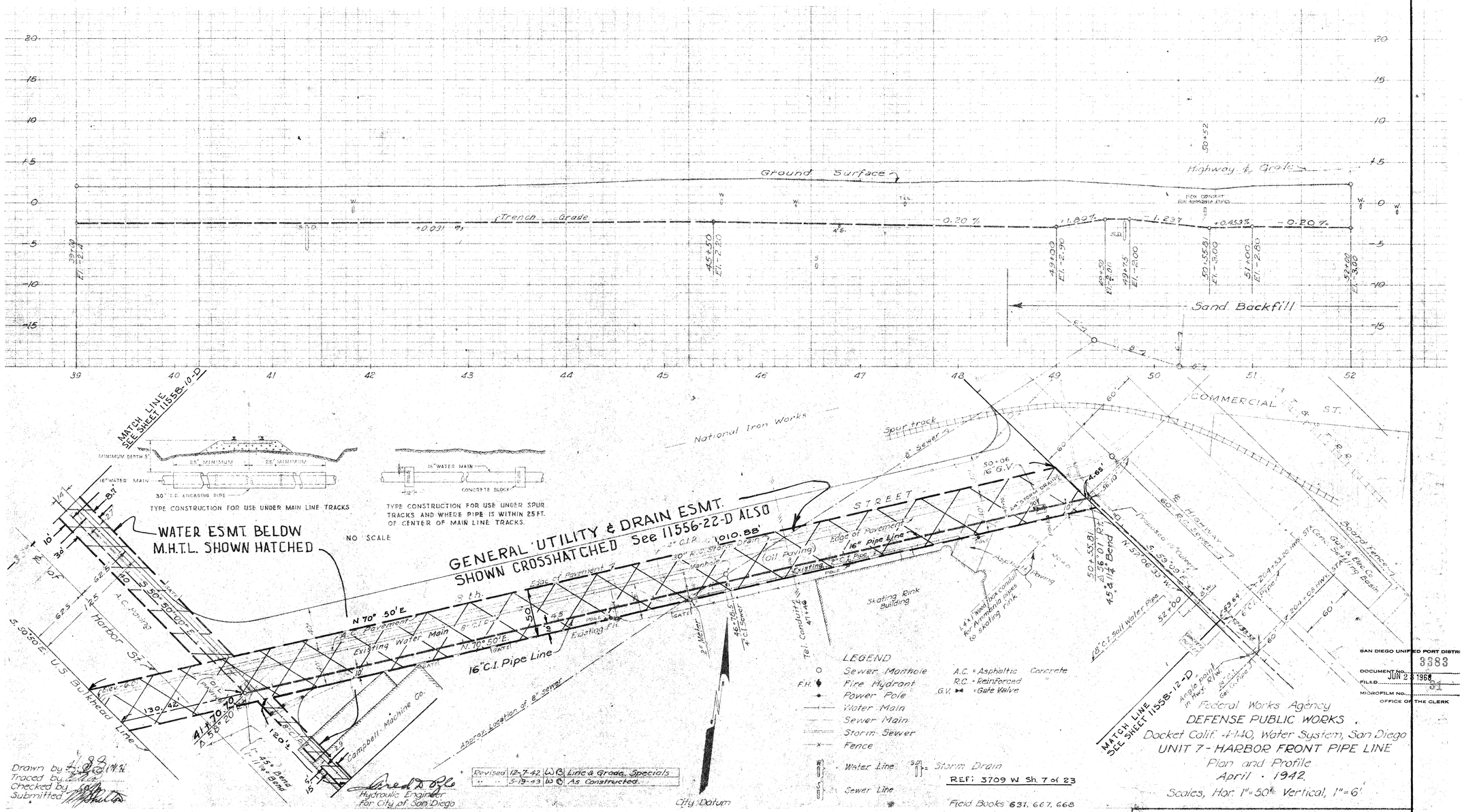
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	[illegible]	[illegible]	6-24-68	

DESIGN ENGINEER
CONTROL CERTIFICATION
194-1719
ASSISTANT COORDINATES

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-10-D

Administrative Record Page No. 021406



WATER ESMT. - Bet. 6TH St & 8TH St. sly of Harbor Drive, below M.H.T.L.

TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 11 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE 6/24/68

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL			6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

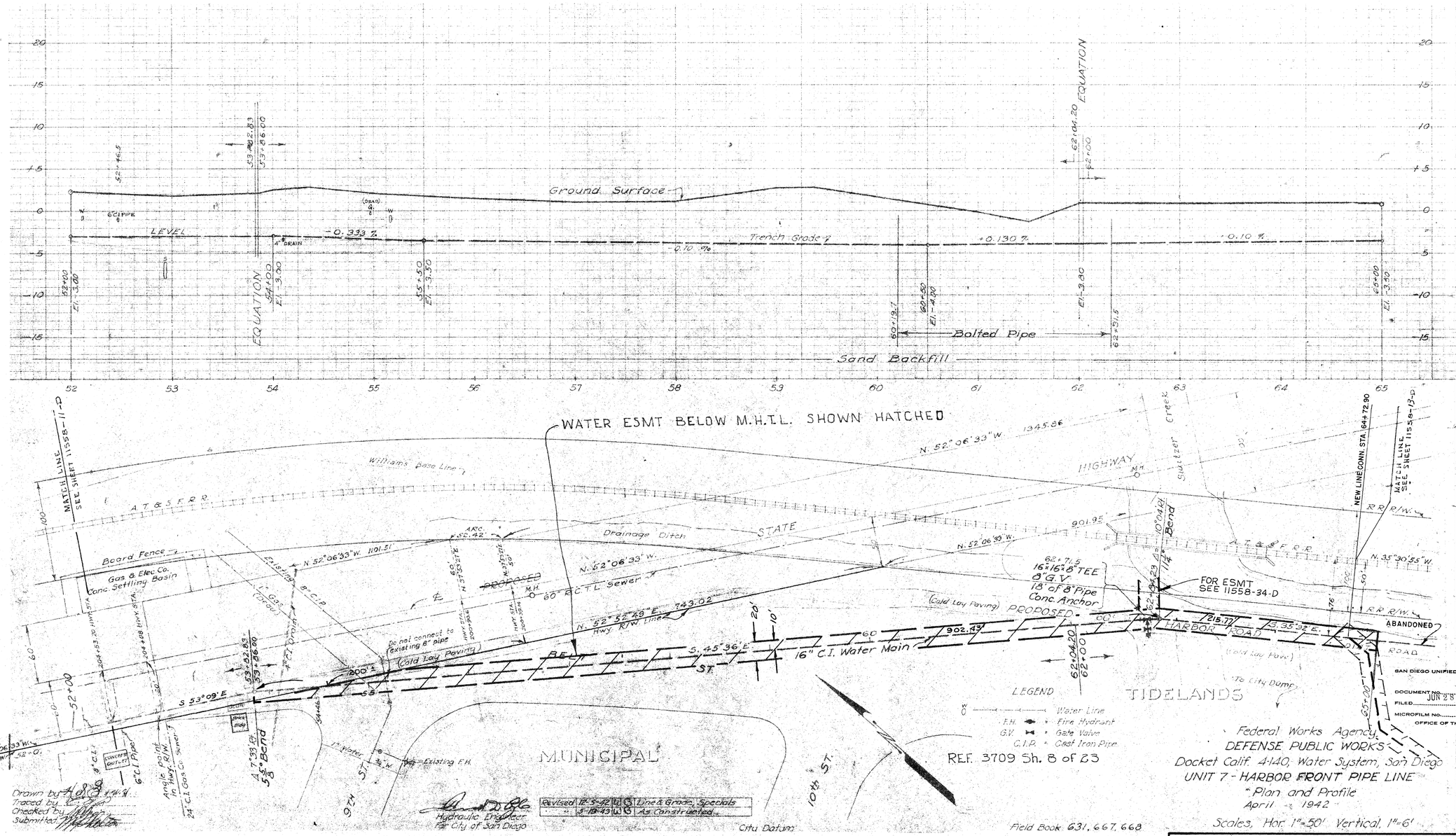
194-1719
LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11558-11-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham — UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651893 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 19, 1963


Ground Surface
LEVEL
-0.333 %
Trench Grade
-0.10 %
+0.130 %
+0.10 %
EQUATION
Bolted Pipe
Sand Backfill
WATER ESMT BELOW M.H.T.L. SHOWN HATCHED
MATCH LINE SEE SHEET 11558-11-D
MATCH LINE SEE SHEET 11558-13-D
NEW LINE CONN. STA. 64+72.90
Williams Base Line
A.T.&S.F.R.R.
HIGHWAY
STATE
Drainage Ditch
Board Fence
Gas & Elec. Co. Conc. Settling Basin
60" R.C.T.L. Sewer
PROPOSED
16" C.I. Water Main
(Cold Lay Paving)
HARBOR ROAD
FOR ESMT SEE 11558-34-D
ABANDONED
TIDELANDS
MUNICIPAL
9TH ST.
10th ST.
Existing F.H.
LEGEND
Water Line
F.H. Fire Hydrant
G.V. Gate Valve
C.I.P. Cast Iron Pipe
REF. 3709 Sh. 8 of 23
Field Book 631, 667, 668
City Datum
Hydraulic Engineer For City of San Diego
Drawn by
Traced by
Checked by
Submitted
Revised 12-5-42 Line & Grade, Specials
5-18-43 As Constructed
Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4-140, Water System, San Diego
UNIT 7 - HARBOR FRONT PIPE LINE
Plan and Profile
April 1942
Scales, Hor. 1"=50' Vertical, 1"=6'
SAN DIEGO UNIFIED PORT DIST.
DOCUMENT NO. 8383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK
WATER ESMT. - Sly of Harbor Drive from 9th St. ely to Switzer Creek, below M.H.T.L.
TIDELANDS
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 12 OF 39 SHEETS
W.O. NO. 17430
CITY ENGINEER
DATE 6/24/68
DIVISION HEAD
DESCRIPTION BY APPROVED DATE FILMED
ORIGINAL
DESIGN ENGINEER
CONTROL CERTIFICATION
194-1721
LAMBERT COORDINATES
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED
11558-12-D
APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR
CHIEF ENGINEER
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 651832 FILED FEB. 15, 1962
ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1969

Administrative Record Page No. 021408

FUTURE R.R. TRACKS

FUTURE S.P. TRACK

GROUND LINE

3'-6" OVER I.D. CRUSHED ROCK

LEVEL

BOTTOM OF PIPE

SCALE: 1" = 50' Horizontal
1" = 5' Vertical

PLAN

FRONT ELEVATION

SIDE ELEVATION

COMPACTED SOIL TO 95% COMPACTION

1.5 CU. YDS. CRUSHER RUN ROCK 15"

ANCHOR DETAIL FOR 30° BEND & BEGIN WORK

MATCH LINE Sheet 11558-12-D

FURNISH & INSTALL, BY CITY:-
STA. 0+20.00 Rt.
1-16" 22½° BEND
13½" Rt. CONN.
TOXIC C.V. (BY CONTR.)
PLUG 16" I.D. SLV.
& REMOVED EXIST. 16" G.V.

1-16"A.C. ADAPTER
1-16"A.C. COLLAR
11.5' OF 16"A.C. PIPE
1-16"A.C. COLLAR

A.C. PAVEMENT

R.R. TRACKS (UNDER CONSTR.)

S 34°55'W 78.6'

S 10° 05' E

247.05'

10'

20'

S 34°55'W 368.62'

EXIST. FENCE

S 32°35' E

S 10°05 E 30.0'

FURNISH & INSTALL, BY CONTR:
STA. 2+32 10½°Rt.
1-16"C.V. (RCP12.W/TOBY PASS) (RICH)
STA. 2+40
1-16"45°BEND
STA. 3+10.6
A.P. △=44°22'45"Lt. (FIELD ADJUST)
1-16"45°BEND

FURNISH & INSTALL, BY CONTR:-
STA. 3+65.65 (FIELD ADJUST)
A.P. △= 44°22'45"Rt. (FIELD ADJUST)
1-16" 45° BEND

CONTRACTOR NOTE - INSTALL 12 GAUGE COPPER WIRE FULL LENGTH OF JOB

WATER ESMT. below M.H.T.L. shown hatched

MATCH LINE SEE Sh 11558-14-D STA. 11+00

365.73'

S 55° 05' E

CONCR. GUTTER

STORM DRAIN

EXIST. R.R. TRACK

ELECT. DUCT

STORM DRAIN

FURNISH & INSTALL, BY CONTR:
STA. 7+31.278Rk. = 7+57.98 AH.
A.P. △= 90°00'Lt.
1-16"30° BEND

28" I.D. Steel Casing Pipe, 5/16" Thick

18"A.C.Pipe

DETAIL OF STEEL CASING ENCASEMENT
No Scale

NOTE:- 1. Steel Casing to be jacked under R.R. Tracks to the satisfaction of the A.T.& S.F. R.R.

2. Center pipe using steel spacers, Pilco 508 or equal. Use two per pipe length, at 1/5 points.

3. Cap ends with sleeve type casing seals Pilco 860 or equal.

SCALE: 1" = 50'

AS BUILT DATA

CONSTRUCTED BY:- AL RILEY
W.O. 22374 (CONSTR.), W.O. 48304 (ENGR.).
PIPE: J.M. (Kind) RING-TITE
GATE VALVES: Rich & Mueller (Kind)
SOIL: Sandy (Kind)
STAKED: 3-14-63 (Date)
TESTED: 4-22-63 (Date)
BACKFILL: Native (Kind)
NOTE: Include "CONSTRUCTION RECORD".
CONNECTIONS BY:- CITY FORCE.
W.O. 22375
PIPE: 16" A.C.
GATE VALVES: None

BENCH MARKS: (City Datum)
B.M.: H.W. B.P. - Dewey & Logan Sts. EL. 48.96
T.B.M.: Cut in Center Concr. Vault STA. 0+37 29'Rt. EL. 2.27
T.B.M.: P.K. in P.Pole #657526H STA. 26+42 10' Ft. EL. 5.12

REFERENCES:
Water Rk. II, Shts. G-23-C.D, G-24-B.
Gt. Bk. A-614.
315-D (R.R. Layout)
Harbor Dept. Plot Plan (Near Skyview)
L-50-25184 (A.T.& S.F. R.R.)
206-D-2 (Sewer, Harbor Dept.)
8294-W (Water)
Field Notes: G-23.A,B,C,D.
Dwg. D.P.K.-7 (Harbor Front P.L.)
Dwg. 206-D-2 (Sewer, Harbor Dept.)
RETIREMENT:
1928' of 16" C.I. (1942)
3-16" G.V.'s (1942)
600'± of 6"C.I. (1941)
2-6" G.V.'s (1941)
1-6" G.V. (1959)
1-6" Reg. Valve (1941)
2-6" F.H.& S.F.H.Servs. (1942)

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3389
FILED JUN 28 1968
MICROFILM NO. 51
OFFICE OF THE CLERK

REF. DWGS
10735-2-AD
3709 W Sh 8 of 23

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Mahan (ASSISTANT CITY ENGINEER)	J. F. Patterson (CHIEF OF ENGINEER)
(PUBLIC WORKS INSPECTOR)	(CHIEF OF CONSTRUCTION & MAINTENANCE)

WATER ESMT. - From Switzer Creek to Beardsley St., below M.H.T.L.
TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 13 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER 6/24/68 DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RDJ	[illegible]	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

196-1721 LAMBERT COORDINATES

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-13-D

HARBOR FRONT 16" A.C. PL.

Administrative Record Page No. 021409

BEARDSLEY STREET

DANGER ELEC. DUCT

DANGER 8" OIL LINE

DANGER VARIOUS GAS & OIL LINES

3"A.C. Pav't. Over 9" Crushed R.V.

EXIST. 6"C.I.

GROUND LINE

EXIST. ELECT. DUCT 1.2'x 1.5'

LEVEL

4% GRAT.

5" Sewer El. -2.3 △ Concr. Supports per Std. Dwg. S-21-67

BOTTOM OF PIPE

LEVEE

21" R.C.P. Drain El. 4.5

Provide 3" Min. Sand Cushion

4"±A.C. Pav't.

27' ±RR.R.

RIP. TRACKS

12"x24" BOW GLV. EL. 0.90 △

8" Oil Line El.

16" C.I. Sewer

Steel Encas. See Detail on Sht. 2

EXIST. 16" C.I. EL. +1.6 △

SCALE: 1" = 50' Horizontal
1" = 5' Vertical

MATCH LINE See Sheet 11558-13-D

STA. 14+00

S 55° 05' E

20'

10'

352'

ELECT. CABLE

CONCR. GUTTER

STORM DRAIN

A.C. PAVEMENT

R.R. TRACK

FURNISH & INSTALLED BY CONTR: STA. 14+52 1-16"22½° BEND

WATER ESMT. below M.H.T.L. shown hatched

TRANSFORMER HOUSE △

JUNCTION HOUSE

58' Sewer

EXIST. ELECT. DUCT

CONCR. SUPPORTS FOR CONVEYOR △

6"C.I.

S 40° W

A = 42°
R = 282
L = 206.72

E.C. 16+53.39

FURNISH & INSTALL BY CONTR:- STA. 17+00 1-16" 22½° BEND
STA. 17+72 1-16" HORIZONTAL GATE VALVE WITH 3" BY-PASS (MUELLER) △

S 39° 50' E 1285

Conc. Gutter

REF. DWG. 14307-L Sh. 4 of 12 10735-3-D

CITY NOTE:
SALVAGE FIRE HYDRANTS ON PORTION OF 16"C.I. WATER MAIN TO BE ABANDONED - CUT & PLUG. SERVICE A MINIMUM OF 12" BELOW GROUND
REMOVE G.V. CAP & PATCH PAVEMENT
SALVAGE 16" G.V.'S, TAPPING VALVES, & REGULATOR ETC., IF NECESSARY
ABANDON 6" W.M. NW'LY OF BEARDSLEY ST. BY CLOSING G.V. SEE CALLOUT

1-16"A.C. COLLAR
2'OF 16"A.C. PIPE △
1-16"A.C. COLLAR
1-16"A.C. ADAPTER △

FURNISH & INSTALL BY CITY: STA. 25+17± △ 1-16" 22½° BEND CONN. TO EXIST. 16"C.I. PLUG 16"C.I. NW'LY.

EQUATION = 23191 BACK = 23465 AHEAD

2 - 2"
2 - 4"
7 - 6"
1 - 8"
1 - 10"

13 OIL & GAS LINES △

VARIOUS GAS & OIL LINES

FUTURE R.R. TRACK & RAMP

RETAINING WALL

MEAN HIGH TIDE LINE

WILLIAMS BASE LINE

HARBOR DEPT. PROPERTY

20' R/W

S 84° 55' W 150±

21" R.C.P. DRAIN

STA. 22+47 1-16"90° BEND

FURNISH & INSTALLED BY CONTR: STA. 23+63 1-16"45° BEND STA. 23+91 1-16"45° BEND

23 City Close G.V. 12"x24" Box Culvert

RAILWAY COMPANY PROPERTY

8" Off Line

8" OIL LINE

Corrugated Iron Stag.

PUMP STA.

BEARDSLEY STREET

S.E'ly. Ext. P.L. of Beardsley

FOR BENCH MARK (City Datum) REFERENCES & AS BUILT DATA SEE SHT. 2

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 3371
OFFICE OF THE CLERK

SCALE: 1" = 50'

WATER ESMT. From Switzer Creek to Beardsley St., Continued, below M.H.T.L.

TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 14 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RCL	[illegible]	6/24/68	

DESIGN ENGINEER

CONTROL CERTIFICATION

194 - 1721
LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11558-14-D

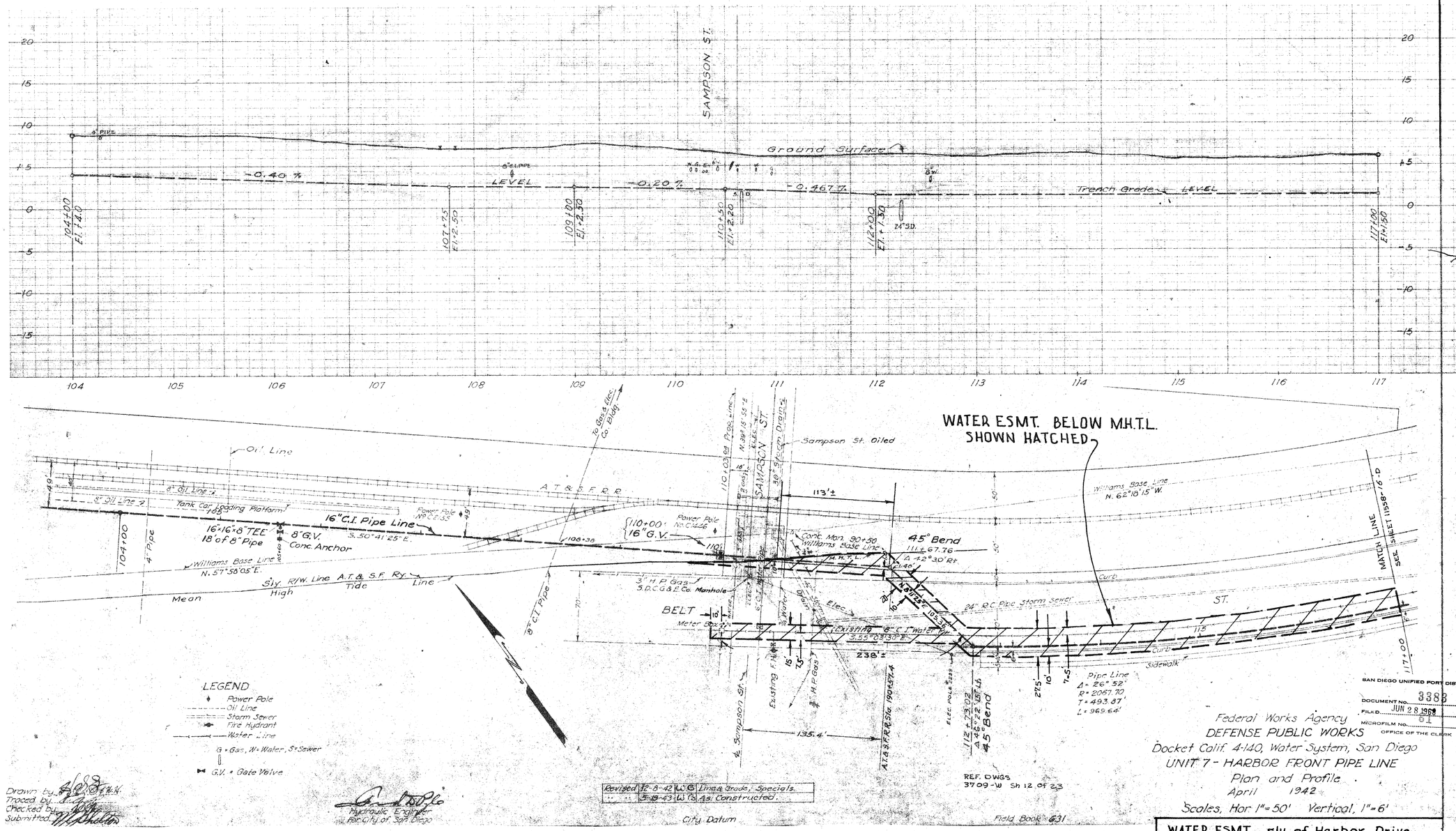
APPROVALS

CITY OF SAN DIEGO
UTILITIES DIRECTOR — DATE 6/24/68
PUBLIC WORKS DIRECTOR
ORIGINAL CITY ENGINEER

SAN DIEGO UNIFIED PORT DISTRICT
ORIGINAL CITY ENGINEER

HARBOR FRONT 16"A.C. PL.

Administrative Record Page No. 021410



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 61
OFFICE OF THE CLERK

Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4-140, Water System, San Diego
UNIT 7 - HARBOR FRONT PIPE LINE
Plan and Profile
April 1942
Scales, Hor. 1" = 50' Vertical, 1" = 6'

WATER ESMT. sly of Harbor Drive between Sampson St. & Sicard St. below M.H.T.L. (TIDELANDS)

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 15 OF 39 SHEETS

W.O. NO. 17430

E. F. Gaudenzi 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	[illegible]	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

192-1725
LAMBERT COORDINATES

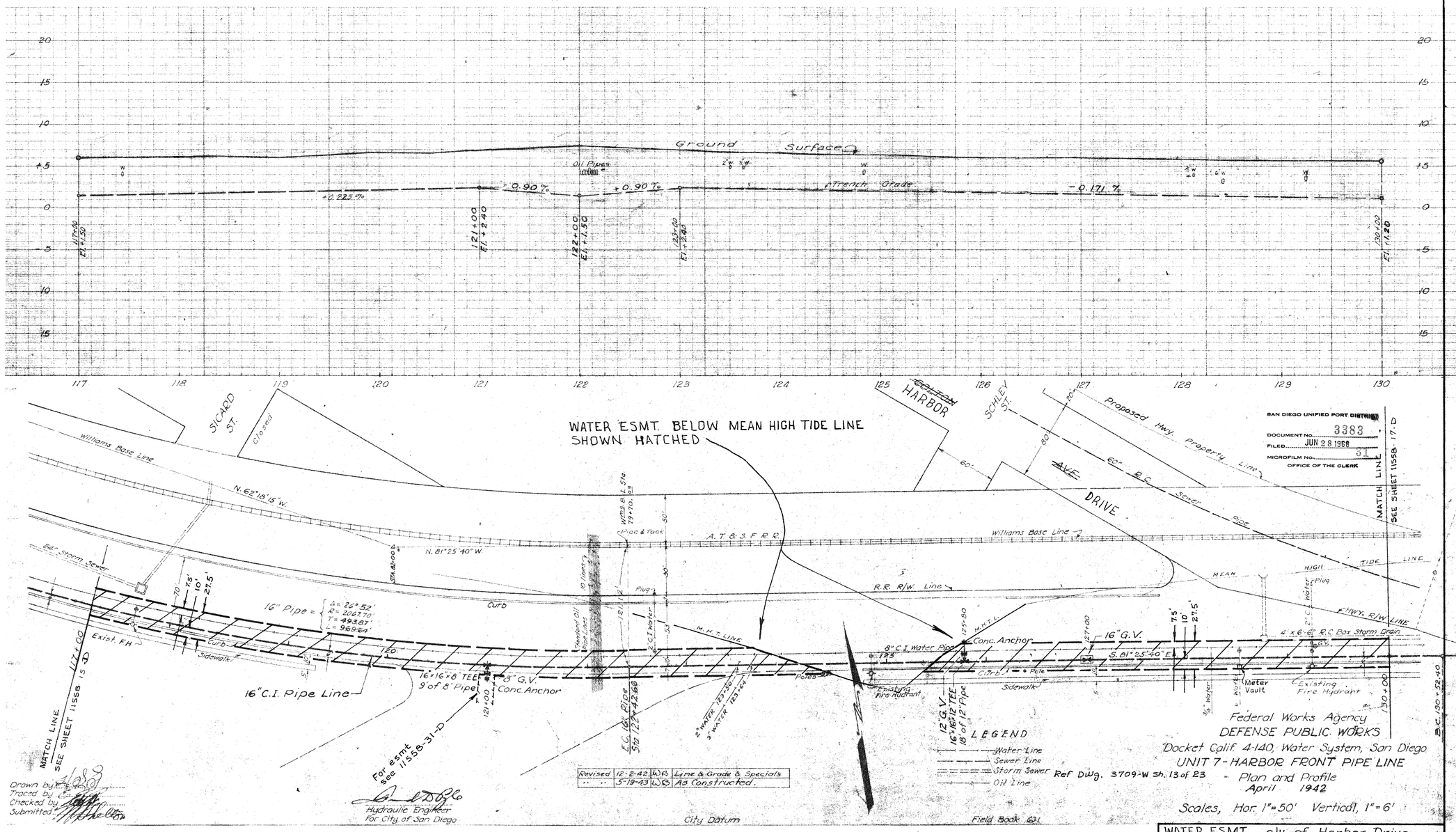
CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

11558-15-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham, UTILITIES DIRECTOR	E. Hellmann, CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 051833 FILED FEB. 15, 1953	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 15, 1962

Administrative Record Page No. 021411



SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 51
OFFICE OF THE CLERK

Revised 12-2-42 W.S. Line & Grade & Specials
" " 5-19-43 W.S. As Constructed.

Hydraulic Engineer
For City of San Diego

City Datum

Field Book 631

Drawn by [illegible]
Traced by [illegible]
Checked by [illegible]
Submitted [illegible]

LEGEND
Water Line
Sewer Line
Storm Sewer
Oil Line

Ref Dwg. 3709-W Sh. 13 of 23

Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4-140, Water System, San Diego
UNIT 7 - HARBOR FRONT PIPE LINE
Plan and Profile
April 1942

Scales, Hor. 1"=50' Vertical, 1"=6'

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Jacobs UTILITIES DIRECTOR	J. Wellemeyer CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

WATER ESMT. sly. of Harbor Drive from Sicard St. to 500' Ely of Schley St.
TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 16 OF 39 SHEETS

W.O. NO. 17430

E. A. Galvanson 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RCL	[illegible]	6/24/68	

DESIGN ENGINEER

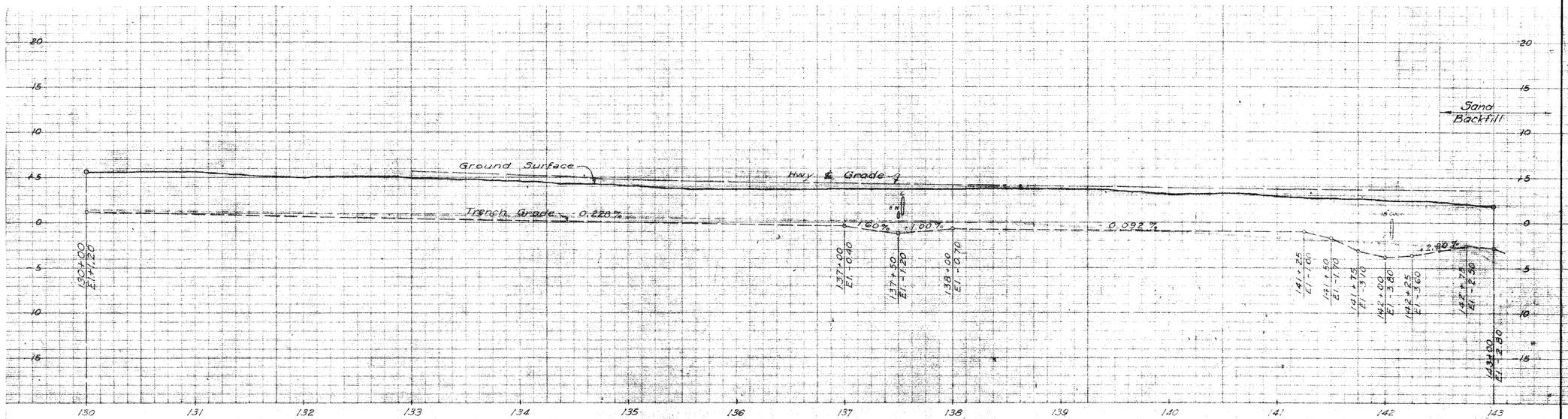
CONTROL CERTIFICATION

192-1725
LAMBERT COORDINATES

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-16-D

Administrative Record Page No. 021412



Revised	12-7-42	W.B.	Line & Grade & Specials
"	3-19-43	W.B.	As Constructed.

Drawn by L.B.
Traced by
Checked by
Submitted W. F. Nellson

Hydraulic Engineer
For City of San Diego

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 61
OFFICE OF THE CLERK

Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4-140, Water System, San Diego
UNIT 7-HARBOR FRONT PIPE LINE
Plan and Profile
April 1942
Scales, Hor. 1"=50' Vertical, 1"=6'

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham, UTILITIES DIRECTOR	J. Williamson, CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 455829 FILED FEB. 15, 1961	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1962

WATER ESMT. Sly of Harbor Drive from approx 500' ely of Schley St to 28TH St., Below M.H.T.L. TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 17 OF 39 SHEETS

W.O. NO. 17430

W. F. Nellson, CITY ENGINEER, 6/24/68, DATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RCJ.	WFN	6-27-68	

DESIGN ENGINEER

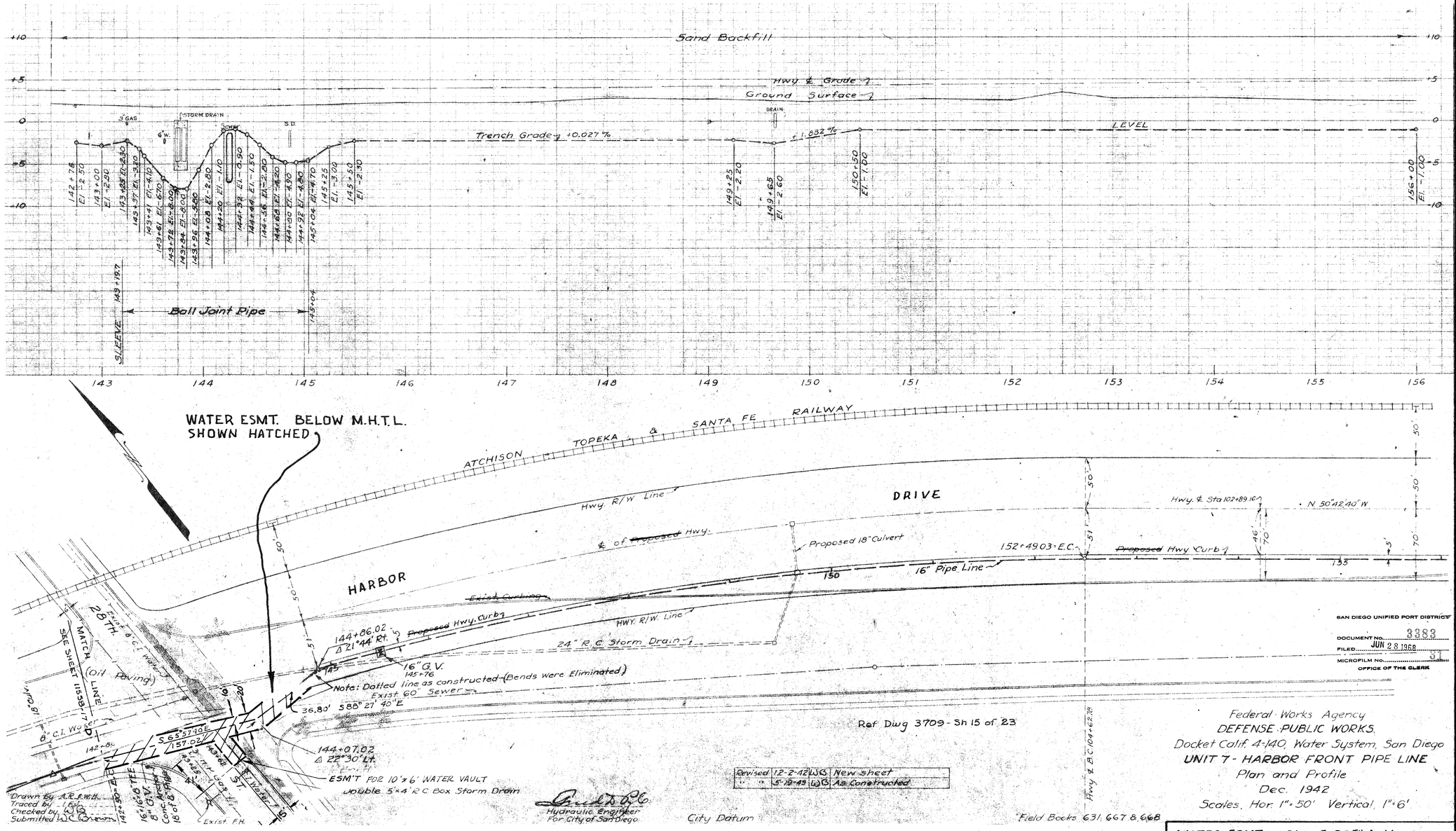
CONTROL CERTIFICATION

190-1727 LAMBERT COORDINATES

CONTRACTOR ..... DATE STARTED .....
INSPECTOR ..... DATE COMPLETED .....

11558-17-D

Administrative Record Page No. 021413



Revised	12-2-42	WB	New sheet
" "	5-19-43	WB	As Constructed

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 37
OFFICE OF THE CLERK

Federal Works Agency
DEFENSE PUBLIC WORKS
Docket Calif. 4-140, Water System, San Diego
UNIT 7 - HARBOR FRONT PIPE LINE
Plan and Profile
Dec. 1942
Scales, Hor. 1" = 50' Vertical 1" = 6'

WATER ESMT. - Sly of 28TH & Harbor Drive Below M.H.T.L. TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 18 OF 39 SHEETS

W.O. NO. 17430

E. F. Galvinson 6/24/68
CITY ENGINEER DATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	[illegible]	6-24-68	

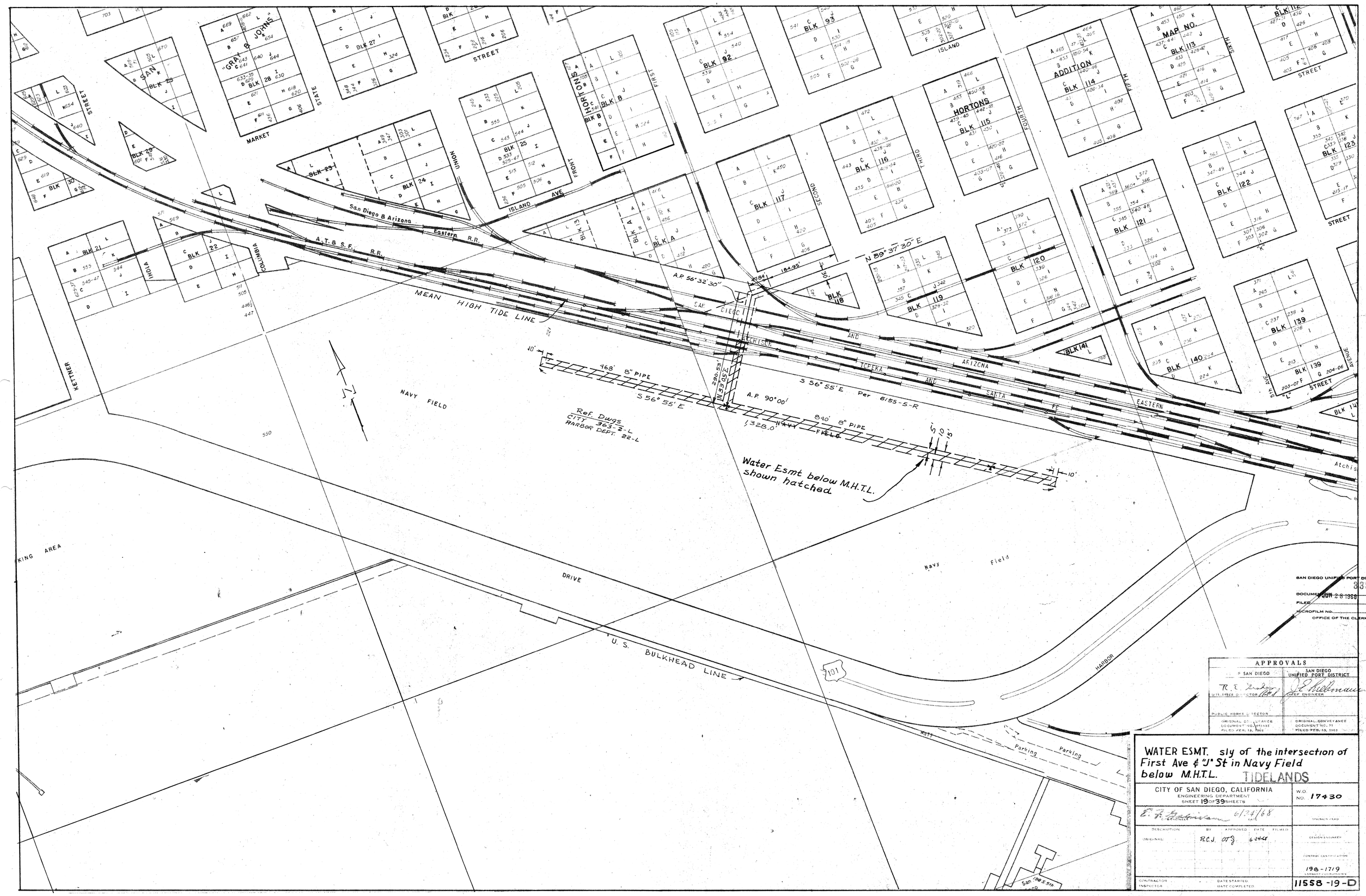
DIVISION HEAD
DESIGN ENGINEER
CONTROL CERTIFICATION
190 - 1727
LAMBERT COORDINATES

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

11558-18-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham	J. F. Kilkenniu
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 151833 FILED FEB. 16, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963


MEAN HIGH TIDE LINE
San Diego & Arizona Eastern R.R.
A.T. & S.F. R.R.
SAN DIEGO AND ARIZONA EASTERN
ATCHISON TOPEKA AND SANTA FE
NAVY FIELD
Ref. Dwgs
CITY 363-2-L
HARBOR DEPT. 22-L
468' 8" PIPE
S 56° 55' E
A.P. 90°00'
840' 8" PIPE
1,328.0'
S 56° 55' E Per 6155-5-R
N 89° 37' 30" E
A.P. 56° 32' 30"
Water Esmt below M.H.T.L. shown hatched
U.S. BULKHEAD LINE
Navy Field
HARBOR
DRIVE
Wall
Parking
Parking
101
KETTNER
INDIA
COLUMBIA
MARKET
STATE
UNION
FRONT
FIRST
SECOND
THIRD
FOURTH
FIFTH
SIXTH
ISLAND
STREET
AVENUE
5th AVE.
"L" STREET
"K"
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK
APPROVALS
CITY OF SAN DIEGO
SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR
CHIEF ENGINEER
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 65193 FILED FEB. 15, 1963
ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 15, 1963
WATER ESMT. sly of the intersection of First Ave & "J" St in Navy Field below M.H.T.L.
TIDELANDS
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 19 OF 39 SHEETS
W.O. NO. 17430
6/24/68
DIVISION HEAD
DESCRIPTION
BY
APPROVED
DATE
FILMED
ORIGINAL
R.C.J.
6-24-68
DESIGN ENGINEER
CONTROL CERTIFICATION
198-1719
LAMBERT COORDINATES
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED
11558-19-D

Administrative Record Page No. 021415

U. S. M. C. R. D. BOUNDARY LINE

TIDE LINE

MEAN HIGH 230

231

229

RUNWAY

U.S.M.C.R.D. WATER METER

15'
10'
5'

MUNICIPAL AIRPORT
LINDBERGH FIELD

FOR ESMT SEE 11558-3-D

2156

Water Esmt. below M.H.T.L. shown hatched
REF 11558-3-D

16" C.I WATER FOR ESMT SEE 11558-26-D

RUNWAY

TAXIWAY

SCALE 1"= 200'

N 06° 54' 00" E

AIR LANE (Not a City Street)

TAXIWAY (Not a City Street)

STILLWATER ROAD (Not a City Street)

WINSHIP LANE (Not a City Street)

WAKE

16" C.I. WATER

S 89° 58' 55" W 2683.97'

NORTH HARBOR DRIVE

100'

50'

N 86° 26' 10" W 2586.07'

See Detail

COMBINED

PIERHEAD

STA. 387+80.93 E.C.

STA. 384+62.09 B.C.

SEAPLANE BASE

BULKHEAD

U. S. COAST GUARD

Nly R/W Line

Gate valve

16" C.I. Water

15'

85'

Tangent

163.80'

N86°26'10"W

100'

100'

℄ R = 5100'
Δ = 03° 34' 55"
T = 159.47'
L = 318.84'

DETAIL
SCALE 1"=100'

△ CENTER HARBOR EL. 9.24

HARBOR ISLAND

Ref. Dwgs.
6155-B-R, 9-R, 10-R
40-L Sheet 11
6112-W Sheet 8
CITY SURVEY 206-1709, 6-1-66
CITY SURVEY 206-1709, 6-23-66

32°44'15"
32°44'00"
32°43'45"

206 000N
208N
207N
205N

LINDBERGH FIELD

SAN DIEGO UNIFIED PORT DISTRICT
3003
DOCUMENT NO.
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

WATER ESMT-nly of North Harbor Dr. & Ely of Air Lane in Lindbergh Field (Tidelands) for Marine Corps Base

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 20 OF 39 SHEETS

W.O. NO. 17430

E. F. Gabrielson 6/24/68
ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	R.C.J.		6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION
204-1707
LAMBERT COORDINATES

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-20-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. F. Dill 6/24/68	D. E. Kiddoo 6/24/68
PUBLIC WORKS DIRECTOR	CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 69933 FILED FEB. 15, 1943	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 19, 1969

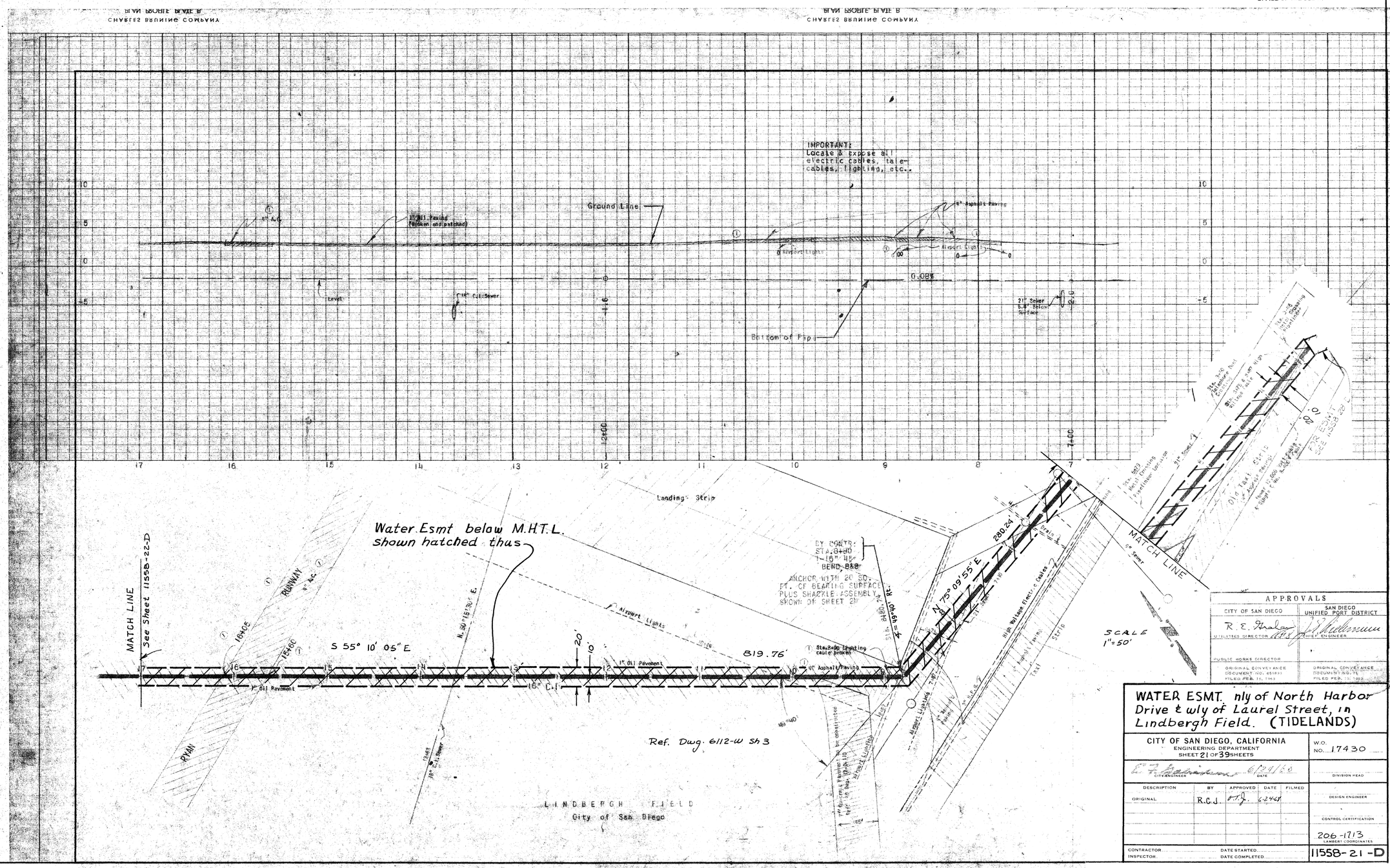
Administrative Record Page No. 021416

City of San Diego
Conveyances

City Doc.
No. 724665
6/28/68

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968 31
MICROFILM No.
OFFICE OF THE CLERK

Part 2
(19)



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Gralan	J. E. Kiddermann
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651831 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 15, 1963

WATER ESMT. nly of North Harbor Drive & wly of Laurel Street, in Lindbergh Field. (TIDELANDS)

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 21 OF 39 SHEETS

W.O. NO. 17430

E. F. Galiadrum 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	O.T.J.	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

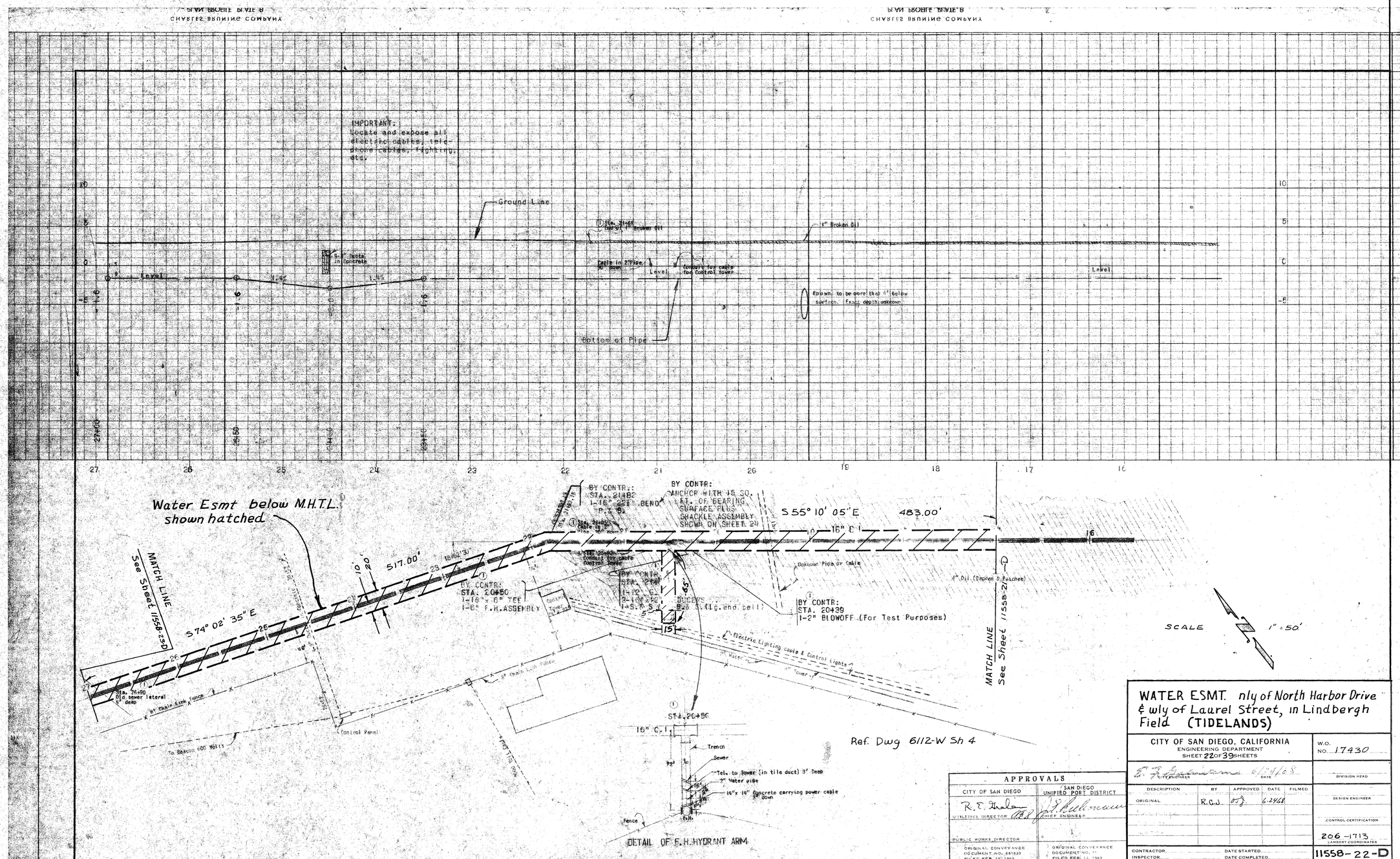
206-1713
LAMBERT COORDINATES

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

11558-21-D

Administrative Record Page No. 021417

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



WATER ESMT. nly of North Harbor Drive & wly of Laurel Street, in Lindbergh Field (TIDELANDS)

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 22 OF 39 SHEETS

W.O. NO. 17430

E. F. Galentine 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.G.J.	OJ	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

206-1713
LAMBERT COORDINATES

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

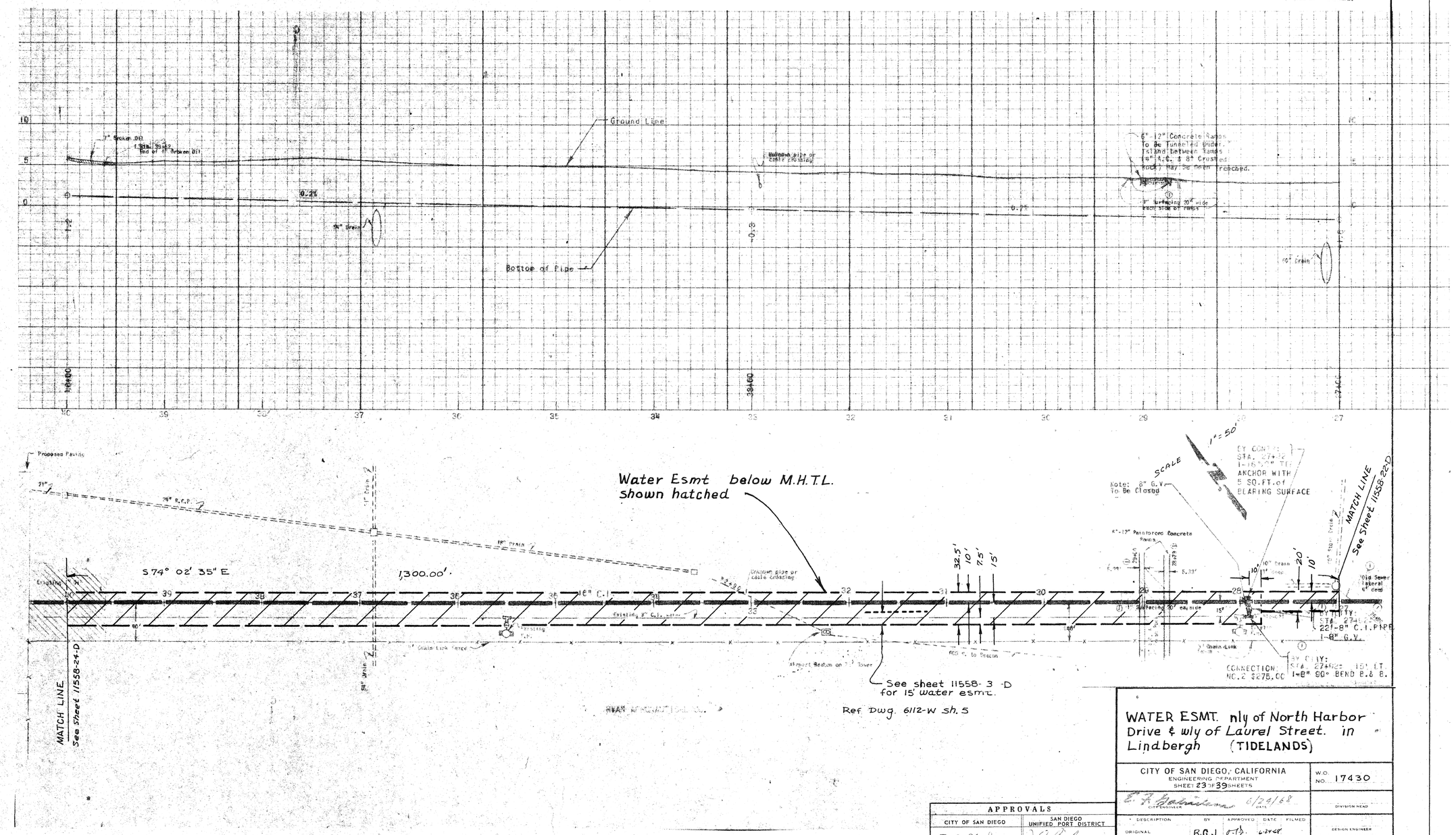
11558-22-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Gralan	J. E. Kuhlmann
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

Administrative Record Page No. 021418

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 51
OFFICE OF THE CLERK



WATER ESMT. nly of North Harbor Drive & wly of Laurel Street. in Lindbergh (TIDELANDS)

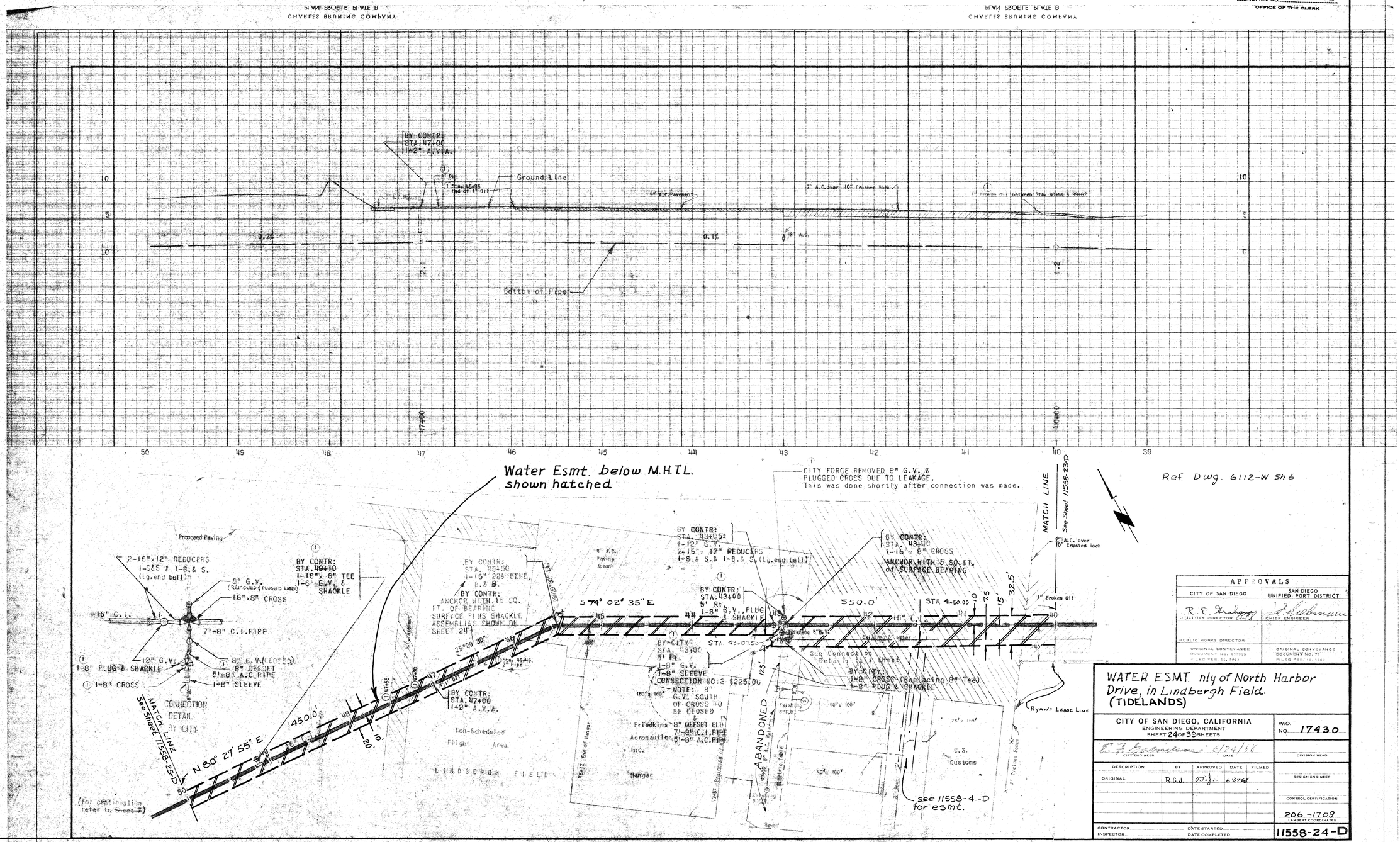
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 23 OF 39 SHEETS	W.O. NO. 17430
CITY ENGINEER — DATE 6/24/68	DIVISION HEAD
DESCRIPTION: ORIGINAL — BY: R.G.J. — APPROVED: O.T.J. — DATE: 6-24-68 — FILMED	DESIGN ENGINEER
	CONTROL CERTIFICATION
	206-1711 LAMBERT COORDINATES
CONTRACTOR — DATE STARTED INSPECTOR — DATE COMPLETED	11558-23-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham — UTILITIES DIRECTOR	J. E. Rubinstein — CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

Administrative Record Page No. 021419

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 51
OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham, UTILITIES DIRECTOR	[signature], CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 45[illegible] FILED FEB. 15, 1962	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1962

WATER ESMT. nly of North Harbor Drive, in Lindbergh Field. (TIDELANDS)

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 24 OF 39 SHEETS

W.O. NO. 17430

E. F. Gabrielson, CITY ENGINEER — 6/24/68, DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.	O.T.J.	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

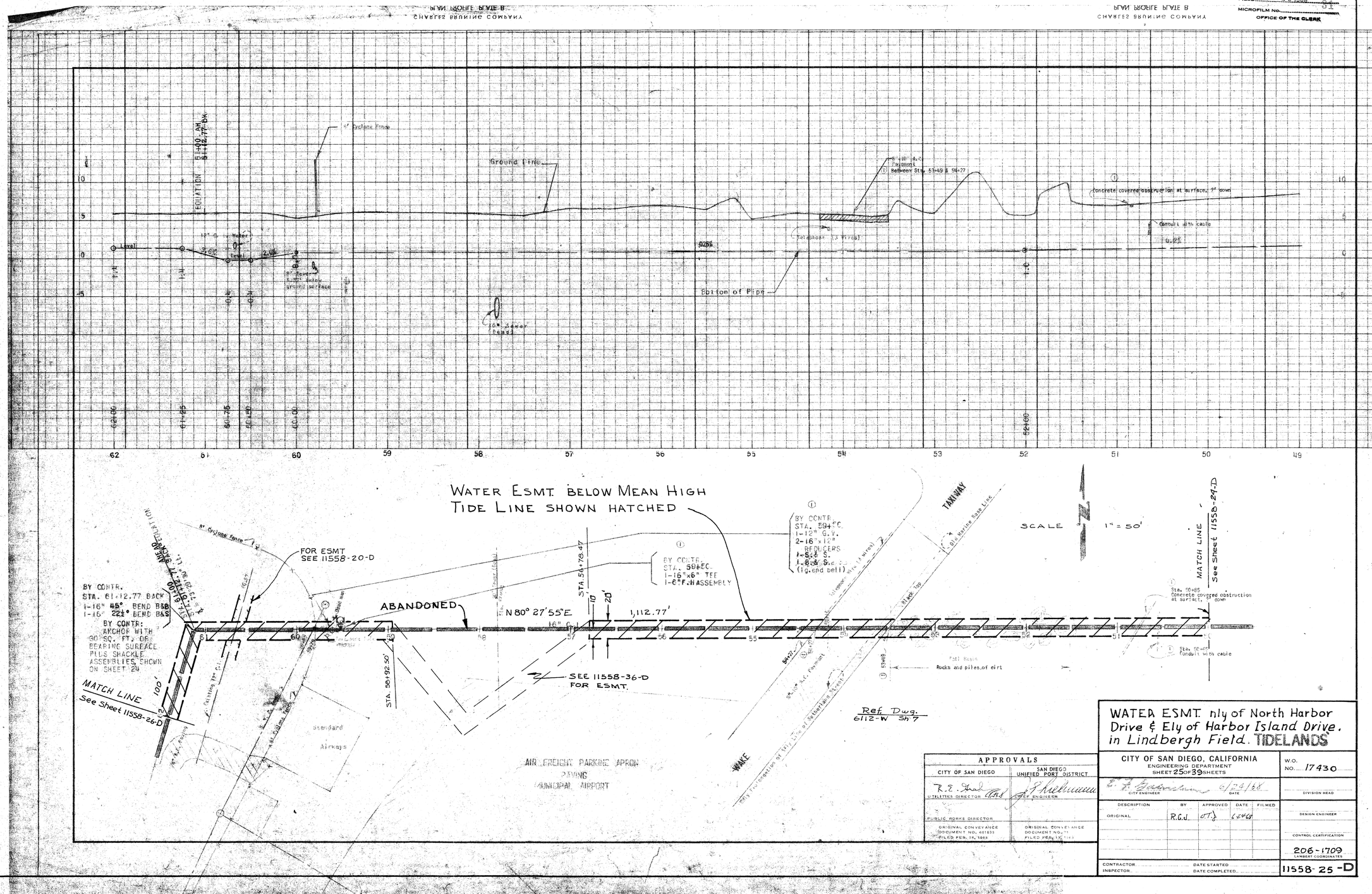
206-1709
LAMBERT COORDINATES

CONTRACTOR ..... DATE STARTED .....
INSPECTOR ..... DATE COMPLETED .....

11558-24-D

Administrative Record Page No. 021420

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Gaul UTILITIES DIRECTOR	J. F. Kiehlmann CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651633 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

WATER ESMT. nly of North Harbor Drive & Ely of Harbor Island Drive. in Lindbergh Field. TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 25 OF 39 SHEETS

W.O. NO. 17430

E. F. Gaskinson 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.G.J.	O.T.J.	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

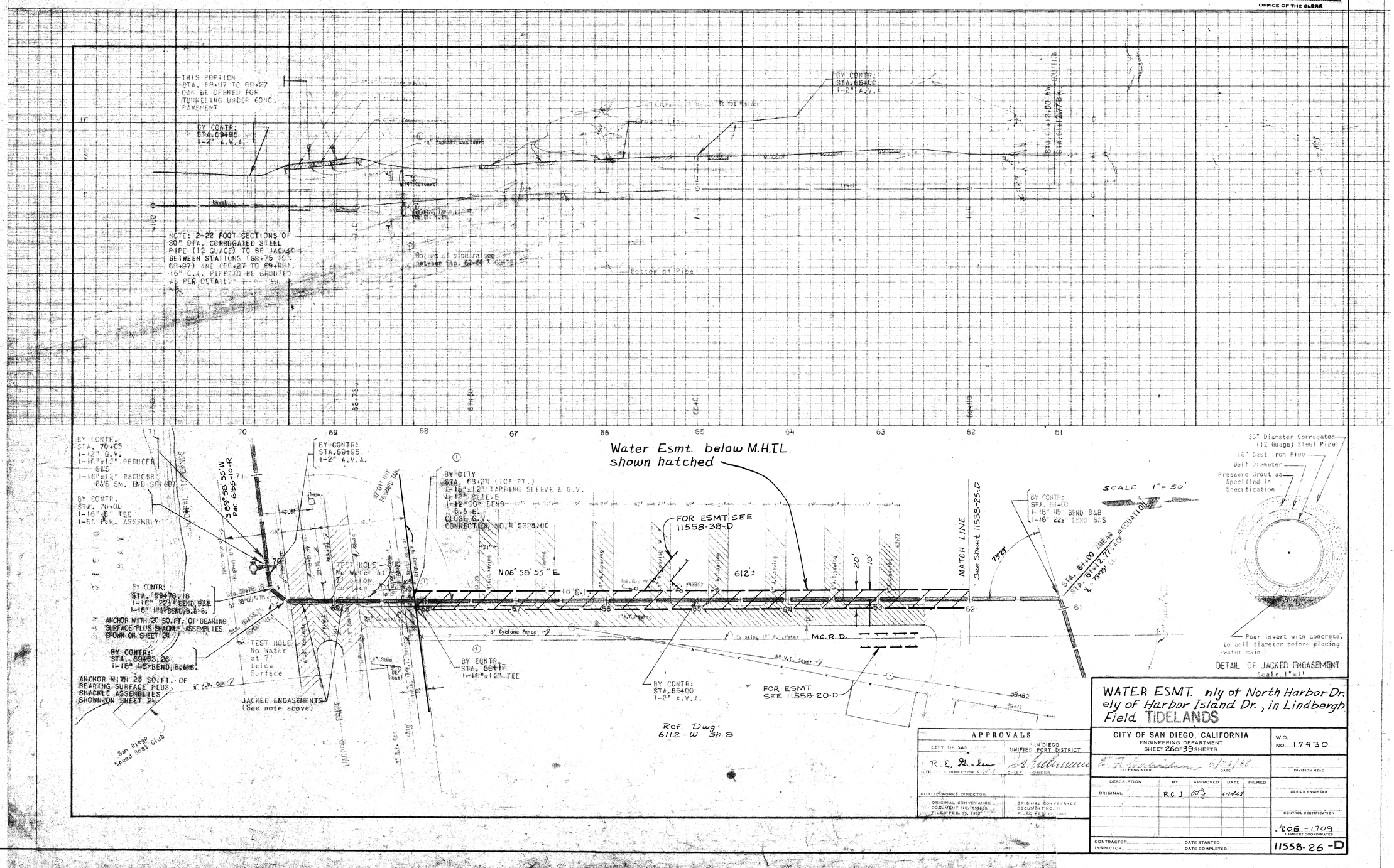
206-1709
LAMBERT COORDINATES

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

11558-25-D

Administrative Record Page No. 021421

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 81
OFFICE OF THE CLERK



APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Hazlett, UTILITIES DIRECTOR & V.P.	H. Rubinsun, CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

WATER ESMT. nly of North Harbor Dr. ely of Harbor Island Dr., in Lindbergh Field TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 26 OF 39 SHEETS

W.O. NO. 17430

E. N. Upchurch 6/24/68
CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.		6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

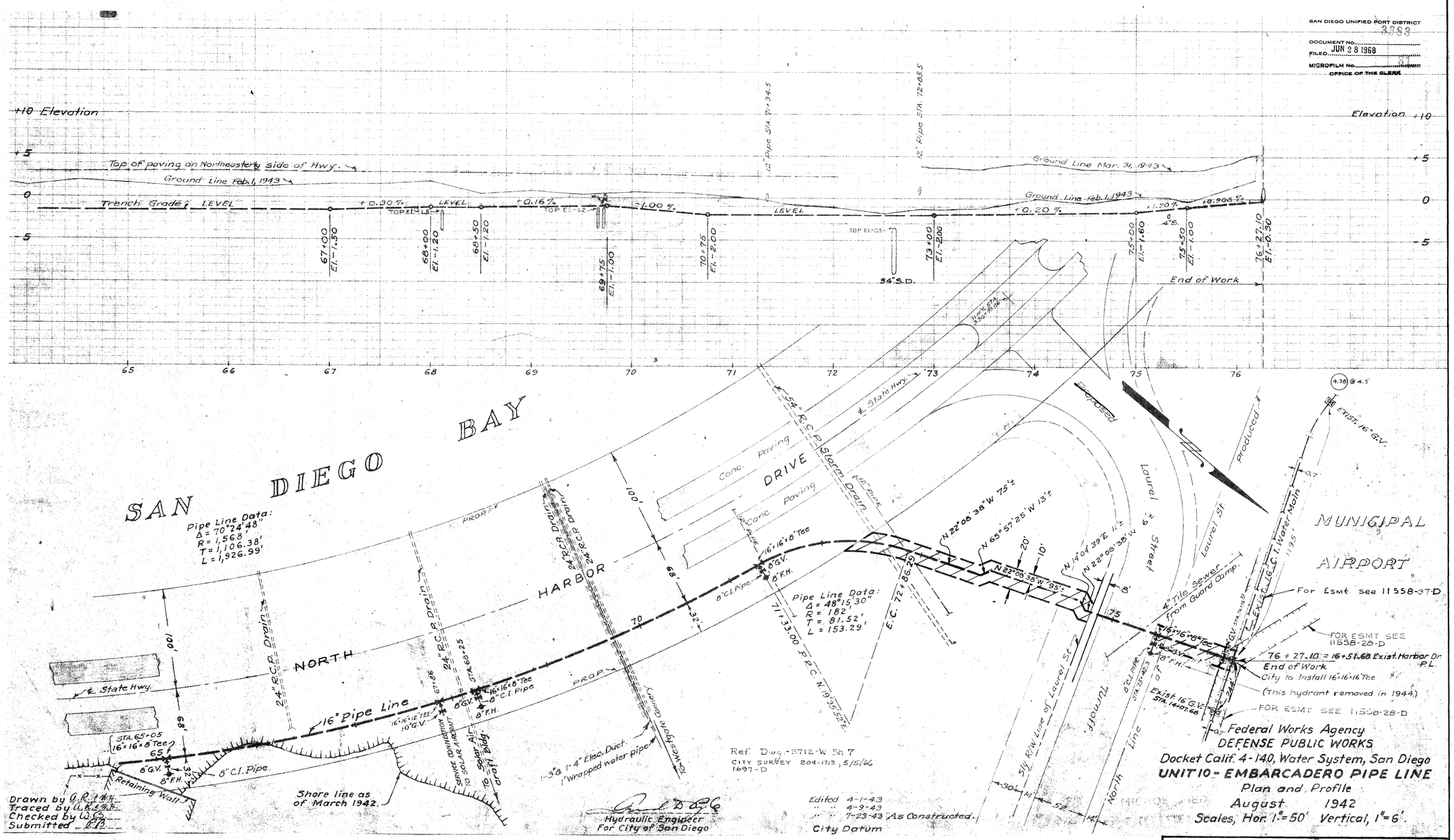
206 - 1709
LAMBERT COORDINATES

CONTRACTOR ..... DATE STARTED .....
INSPECTOR ..... DATE COMPLETED .....

11558-26-D

Administrative Record Page No. 021422

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 2883
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK


+10 Elevation
+5
0
-5
Top of paving on Northeasterly side of Hwy.
Ground Line Feb. 1, 1943
Trench Grade, LEVEL
+0.30%
+0.16%
-1.00%
LEVEL
+0.20%
+1.20%
+0.90%
12" Pipe STA. 71+94.5
12" Pipe STA. 72+65.5
Ground Line Mar. 31, 1943
Ground Line Feb. 1, 1943
TOP EL.-1.5
TOP EL.-1.2
TOP EL.-3.5
54" S.D.
End of Work
67+00 El.-1.50
68+00 El.-1.20
69+50 El.-1.20
69+75 El.-1.00
70+75 El.-2.00
73+00 El.-2.00
75+00 El.-1.60
75+50 El.-1.00
76+27.10 El.-0.30
65
66
67
68
69
70
71
72
73
74
75
76
Elevation +10
+5
0
-5
SAN DIEGO BAY
HARBOR
NORTH
DRIVE
Conc. Paving
Conc. Paving
54" R.C.P. Storm Drain
24" R.C.P. Drain
24" R.C.P. Drain
24" R.C.P. Drain
24" R.C.P. Drain
Pipe Line Data:
Δ = 70°24'48"
R = 1,568'
T = 1,106.38'
L = 1,926.99'
Pipe Line Data:
Δ = 48°15'30"
R = 182'
T = 81.52'
L = 153.29'
E.C. 72+86.50
71+33.00 P.R.C.
N 19°35'52"E.
N 22°08'38"W 75½'
N 65°57'25"W 15'±
N 24°04'39"E 11½'
N 22°08'38"W
N 22°08'38"W 93'±
100'
68'
32'
20'
10'
8'
75'
16"x16"x8" Tee
8" G.V.
8" F.H.
8" C.I. Pipe
16" Pipe Line
STA. 65+05
16"x16"x8" Tee
6.5'
8" G.V.
8" F.H.
8" C.I. Pipe
Retaining Wall
Shore line as of March 1942.
Service Connection to Solar Aircraft
10" Solar Air. Bldg. Drain
1-3" & 1-4" Elec. Duct
1 Wrapped water pipe
To Mayfair County
Proposed
Laurel Street
Laurel St.
Produced
4.5' Tile Sewer from Guard Camp.
Exist. 16" C.I. Water Main
Exist. 16" G.V.
STA. 14+47.68
4.5' Tile Sewer
STA. 15+45.43
8" C.I. Pipe
16"x16"x8" Tee
8" G.V.
8" F.H.
Exist. 16" G.V.
STA. 14+47.68
Exist. 16" G.V.
STA. 14+47.68
4.5' Tile Sewer
STA. 15+45.43
8" C.I. Pipe
16"x16"x8" Tee
8" G.V.
8" F.H.
Exist. 16" G.V.
STA. 14+47.68
Sly R/W Line of Laurel St.
Sly R/W Line of Laurel St. produced
North Line
30'
14'
52'
14'
MUNICIPAL AIRPORT
For Esmt see 11558-37-D
FOR ESMT. SEE 11558-28-D
76 + 27.10 = 16+51.68 Exist. Harbor Dr. P.L.
End of Work
City to Install 16"x16"x16" Tee
(This hydrant removed in 1944.)
FOR ESMT. SEE 11558-28-D
4.5' Tile Sewer from Guard Camp.
Exist. 16" G.V.
STA. 14+47.68
Exist. 16" G.V.
STA. 14+47.68
4.5' Tile Sewer
STA. 15+45.43
8" C.I. Pipe
16"x16"x8" Tee
8" G.V.
8" F.H.

Administrative Record Page No. 021423

24" CONCRETE STEEL CYLINDER PIPE
CLASS 170

16" C.I. CLASS 200

Ground Line

3"H.P.GAS El.Unknown

4" Asphalt Pavmt.

12 K.V.Cable El.Unknown

4 MTD Tele. El.UNKN.

2"Lig. Gas El.Unknown

600 V Cable El. Unknown

4 K.V. & 50 Pr. Tele. El. Unknown

Exist.16"C.I. El.-1.8

El.-2.0

El.-2.10

Tele. El. Unknown

4 K.V. El. Unknown -4.7

Top of 24" Pipe

El.-2.0

El.-2.2

FIELD WELDED JOINTS

84" Storm Drain

80" R.C.P. (Exact Elev. Unknown Approx. only)

Tele.Cable El.Unknown

4 K.V.Cable & 50 Pr.Tele.El.Unkn.

2"Water

6"C.I.Water

3/4"H.P.Gas El. Unknown

El.-3.10

12 K.V. Cable El.Unknown

3"H.P.Gas El.Unkn.

2 Air Field Cables DEAD, El.Unknown

B.M. B.P.K.W.Cor. of Pacific & Laurel. Elev. 7.94

FIELD WELDED JOINTS BY CONTRACTOR

STA.0+00 SEE SHEET 11558-21-D FOR ESMT.

LINDBERGH FIELD

Exist.16"C.I.

3"H.P.Gas

284'±

12 K.V. Cable

16"C.I.

8' Chain Link Fence

Conc. Footings

12 K.V. Cable

4 H.P.G. Cable

Construct 8'± of 8' Chain Link Fence

4 K.V. Cable & 50 Pr.Tele. F.H.

351'±

STA.0+00.78 CONN. TO EXIST.16"PIPE (SEE DETAIL "A" THIS SHEET)

86°

LIQ. GAS TANK

Pump

Elec.Cond. into ground

Exist. 16" C.I.

Conc. Plug 16"C.I. Pipeline

Exist. 16" C.I.

46'±

FOR ESMT SEE 11558-37-D

Construct 11'± of Chain Link Fence

106'± of 8' Chain Link Fence to be Removed

Exist.16"C.I.

2" Liq. Gas

64.21'

STA. 0+85.79 (SEE DETAIL "B" THIS SHEET)

FOR ESMT. SEE 11558-27-D

SOLAR PARKING LOT

STA.1+50 = 48°56' RT. 86.40'

84" Storm Drain

Sta. 2+38.00 2' Air Valve Type B

4 K.V.

90" R.C.P.

Water Esmt. below M.H.T.L. shown hatched.

308.20'

20' 10'

663.60'

4 K.V. Cable & 50 Pr. Tele.

24"H.P.Gas

Cable

Cable

Cable

Cable

Existing Harbor Drive Pipeline 16" C.I. Concrete Lined Class 200

16" Sleeve

16"Nipple

16" Tee

0+05.04

16" 11¼° Ell

16"Nipple

0+13.93 Begin Pipe Installation by Contractor

16" 45° Bend

0+12.69

16" C.I.

SCALE: Horiz. 1"=30' Vert. 1"=6'

PLAN DETAIL "A" Not to Scale

STA. 2+36.40 = 45°21'6" LT.

R.R. Spur

LAUREL ST.

16"C.I.

16"45° Bend B & S

ST. ℄

End Pipe Installation By Contractor 0477.0

0480.79

16"Gate Valve With By Pass

16" Nipple

20" Flange & Spigot Adapter

20" Butterfly Valve Horizontal Type

24"x20" Reducer (Flanged & Bell or Spigot)

Weld Joint

24" Laurel St. Pipeline

Existing 16"C.I. Harbor Drive Pipeline

16" Sleeve

16" Nipple

0489.79

16"Gate Valve with By Pass

20"x16" Reducer

20x16 Cross

16" Nipple

16" Sleeve

STA.0491.00 Begin Pipe Installation By Contractor

Existing 16" Embarcadero Pipeline

8'

PLAN DETAIL "B" Not to Scale

Ref. Dwg: 10015-2-D, 6112-2-W, 6269-L

20" Butterfly Valve Horizontal Type

20" Nipple

24"x20"Reducer

24" Laurel Street Pipeline

STA.17428.00 End Pipe Installation By Contractor

20"Flanged & Spigot Adaptor

Split Butt Strap Per Std. Dwg. W-51-58

24"x20"Reducer (Flange & Spigot)

Existing 12" C.I.

STA.17442.45

Existing 24" Laurel St. Pipeline

Existing 24"x 12" Cross

Existing 12" C.I.

PLAN DETAIL "C" No Scale

325'±

5+50 C" B.O. Type "C" RICH G.V.

2 Air Field Cables

12 K.V. Cable

3"H.P.Gas

20'

10'

17'

2"W

No service Transfer

4" H.P. Gas

N'LY R/W LINE

30'

MATCH LINE SEE SHEET 11558-29-D

ST. ℄

NOTE: FOR EXACT LOCATION OF ELECTRIC CABLES CONTACT JACK BROWN, SAN DIEGO GAS & ELECTRIC, BE-2-4252, EXT. 6-214, 48 HOURS IN ADVANCE OF EXCAVATION.

SHADED CONNECTION DETAIL AREAS SHALL BE INSTALLED BY CITY FORCES.

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R.E. Dalgo UTILITIES DIRECTOR	[illegible] PORT ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 85383 FILED FEB. 10, 1961	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 1, 1961

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

WATER ESMT. - Nly of Laurel St. bet. Pacific Hwy & North Harbor Drive
TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 28 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE 6/29/68

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.-B.P.	D.T.	6-1968	

DESIGN ENGINEER

CONTROL CERTIFICATION

204 - 1715 LAMBERT COORDINATES

CONTRACTOR — DATE STARTED

INSPECTOR — DATE COMPLETED

11558-28-D

Administrative Record Page No. 021424

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

24" CONCRETE STEEL CYLINDER PIPE CLASS 150

EQUATION 12433.93 Back = 12418.95 Ahead

STA. 12433.93 Δ = 22°45'54" LT.

PACIFIC HIGHWAY

Ground Line

3/4" H.P. Gas El. Unknown

4 M.T.O. TELE. El. Unknown

3" 12 K.V. Cable El. Unk. (Dead)

2 MTD Tele. El. Unknown

4 M.T.O. Cable

4" H.P. Gas

Signal Cable

St. Lt. Cable

Top of 24" Pipe

10" Sewer Abandoned

12" Conc. Pipe

127 LF 42" casing TO BE JACKED

51" Sewer

Bottom of Pipe

El. 5.5

El. 9.0

El. 15.6

Street Surface

St. Lt. Cable

Traffic Rd

4-4" Conduits In Conc. El. Unknown

FIELD WELDED JOINTS

14" Sewer

82'

54" CASING TO BE JACKED

STA. 14431.00 TO STA. 15413.00
INSTALL 82' OF 24" PIPELINE IN CASING PIPE
(SEE DETAILS THIS SHEET)

STA. 17+42.45 TYPE CONN. TO EXIST. MANHOLE
SEE DETAIL "C" SHEET 2

24" LAUREL STREET PIPELINE

Existing 15" C.I.

Proposed 5 Ducts

Existing 16" C.I.

3" H.P. Gas

Conc. Plug & Abandon Existing 16" C.I.

Conduits in Conc.

Valve

Signs

Lights

Paving

Traffic Pad

Traffic Rd Cable

Water M.H. (To remain in place)

Signal Cable

6" Asphalt Conc. Plug, 15" C.I. 1 ft. East of Water M.H.

Existing 12" C.I.

Abandon

Plugged

Existing 8" C.I.

Existing 6" C.I.

Existing 12" C.I.

Existing 16" C.I.

Existing 12" C.I. on R.L.

Existing 6" Conc. Pacific

Existing 3" Sewer

Existing 10" Sewer (Abandoned)

Existing 8" Conc. Pipe

Existing 6" Sewer Plugged

Existing 12" C.I.

Existing G.W.S.

A.C. on 6" Conc. Base Pave.

50 PR. Tele.

12-4" Conc. Ducts

Existing 16" C.I.

Existing 12" C.I.

Existing 8" C.I.

Existing 6" C.I.

Existing 3" Sewer

Existing 10" Sewer

Existing 8" Conc. Pipe

Existing 6" Conc. Pacific

Existing 3" Sewer

Existing 15" C.I.

Existing 12" C.I.

Existing 8" C.I.

Existing 6

Administrative Record Page No. 021425

Scale 1" = 30'

Existing Sewer lines shown thus ——— S ———
Existing Water lines shown thus ——— W ———

NOTE

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 81
OFFICE OF THE CLERK

PAN PACIFIC FISHERIES INC.

Existing wharf - plank deck

outface of wall

S 70°07'20" W

N 35°11'55" E

Δ 39°53'35"

N 75°05'30" E

232.67'

100'

12.5'

25'

10'

EDGE OF GUTTER
OUTFACE OF CURB

N 11°53'30" W

AMERICAN TUNA BOAT ASSOCIATION

S 62°37'13" E

258'

6" WATER MAIN

75.29

24'

12.5'

General Utility Esmt. Shown Hatched

S 58°45'30" W

257.4'

10" V.C.

253.52'

520'

6" WATER MAIN

OUTFACE OF CURB

Base Line

F.H.

Associated Oil Co.

Union Ice Co

Crofton Diesel Engine Co

American Tuna Boat Ass'n

FENCE 10'±

S 89°54'30" E

S 70°00'30" W 102.16'

120'

145.06'

S 70°00'30" W

181.50'

5.00'

M.H. #6

7.5'

SEE 11558-7-D

Wall 103.05'±

Base Line

S 19°59'15" E

Curb Face

Float

Float

U.S. NAVY FLEET LANDING

U.S. BULKHEAD LINE

BASE LINE N 00°01'40" E 329.30'

Curb Face

HARBOR DRIVE (NOT A CITY STREET)

N 00°01'40" E 246.38'

East property line of Harbor Drive

South property line of F Street

200'

NORTH

FOR ESMT SEE 11557-13-D

FOR ESMT SEE 11558-7-D

BAY OF SAN DIEGO

Ref. HARBOR Dwg
58-L-9
58-L-7

GENERAL UTILITY ESMT. - on "G" St. Pier. TIDELANDS

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R.E. Grahe — UTILITIES DIRECTOR	J. Bildemann — CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 685833 FILED FEB. 15, 1965	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 12, 1965

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 30 OF 39 SHEETS

W.O. NO. 17430

E.T. Hanrahan — ENGINEER — 6/24/68 DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED DATE	FILMED
ORIGINAL	R.C.J.	6/24/68	

DESIGN ENGINEER

CONTROL IDENTIFICATION
198-1715
LAMBERT COORDINATES

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

11558-30-D

Administrative Record Page No. 021426

Sta 230

SCALE 1" = 30'

16" C.I. Water Main

BELT

STANDARD OIL COMPANY

U.S. BULKHEAD LINE

S 89° 37' 30" W

WATER ESMT below M.H.T.L. shown hatched

CALIFORNIA CARTAGE COMPANY INC.

For esmt see 11558-16-D

N 15° 39' E

N 55° 39' E 138'

Sta. 12100 on 16" WATER MAIN

ATCHISON TOPEKA AND SANTA FE RAILROAD COMPANY

STREET (NOT A CITY STREET)

Face of curb

Face of curb

BLDG.

N 33° 09' E 10' A.C.

SCHLEY STREET (NOT A CITY STREET)

614'

191'

N 33° 09' E PER CITY DWG 11164-D — HARBOR DWG 526-D

BLDG.

SOUTHERN CALIFORNIA FREIGHT LINES

N 56° 51' W 127'

REF. DWGS.

CITY:	HARBOR:
11558-16-D	526-D
11164-D	
3709-W sh #13	

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham UTILITIES DIRECTOR	[illegible] CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 85133 FILED FEB. 19, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 37 FILED FEB. 19, 1963

WATER ESMT. - in Schley Street (not a City St.) extended below the Mean High Tide Line

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 31 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RCJ	O.K.	6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

192-1725 LAMBERT COORDINATES

CONTRACTOR — DATE STARTED

INSPECTOR — DATE COMPLETED

11558-31-D

Administrative Record Page No. 021427

POLICE STATION

DRIVE

HIGHWAY

130'

Ely line of Pacific Hwy Produced

30'

N 01°03' W

N 00° 01' 40" E

N 01°03' W

340'±

F. F. PRY

10'

20'

SCALE 1" = 40'

For Esmt see 11558-33-D
MATCH LINE

12'

N 00° 01' 40" E 137'±

LANE

N 89° 58' 20" W

22'

15'

10'

5'

Water Esmt shown hatched

S 89° 58' 40" E Pac. = 357.76'

Curb

Curb

Curb

20'

10'

N 89° 58' 20" W 131.44'

N 39° 10' E 132'±

N 42° 45' W 22.00'±

FERRY SHOREBOAT DOCK

Tele Cables Overhead

Tele Cables Overhead

N 28° 41' W 142'±

N 20° 21' W 109'±

S. S. D.

Rock Wall

FIRE STATION

HARBOR

SAN DIEGO SEAFOOD MART

COMMERCIAL FISHERMANS PIER

U.S. BULKHEAD LINE - S 80° 50' E

Ref. Dwgs.
HARBOR NO. 133-MB, 4-D-3

MARKET

Rock Wall

Curb

Palm Trees

Rock Wall

Rock Wall

FLOAT

STAR & CRESCENT CAT CO

LEGEND

Existing water lines shown thus
" sewer lines " "
" gas lines " "
" telephone lines " "
" fire alarm lines " "
" drainage lines " "

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. (illegible) FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

Water Esmt. - in Ferry Lane & wly of Ferry Lane, sly of North Harbor Drive TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 32 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER 6/24/68 DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.		6/24/68	

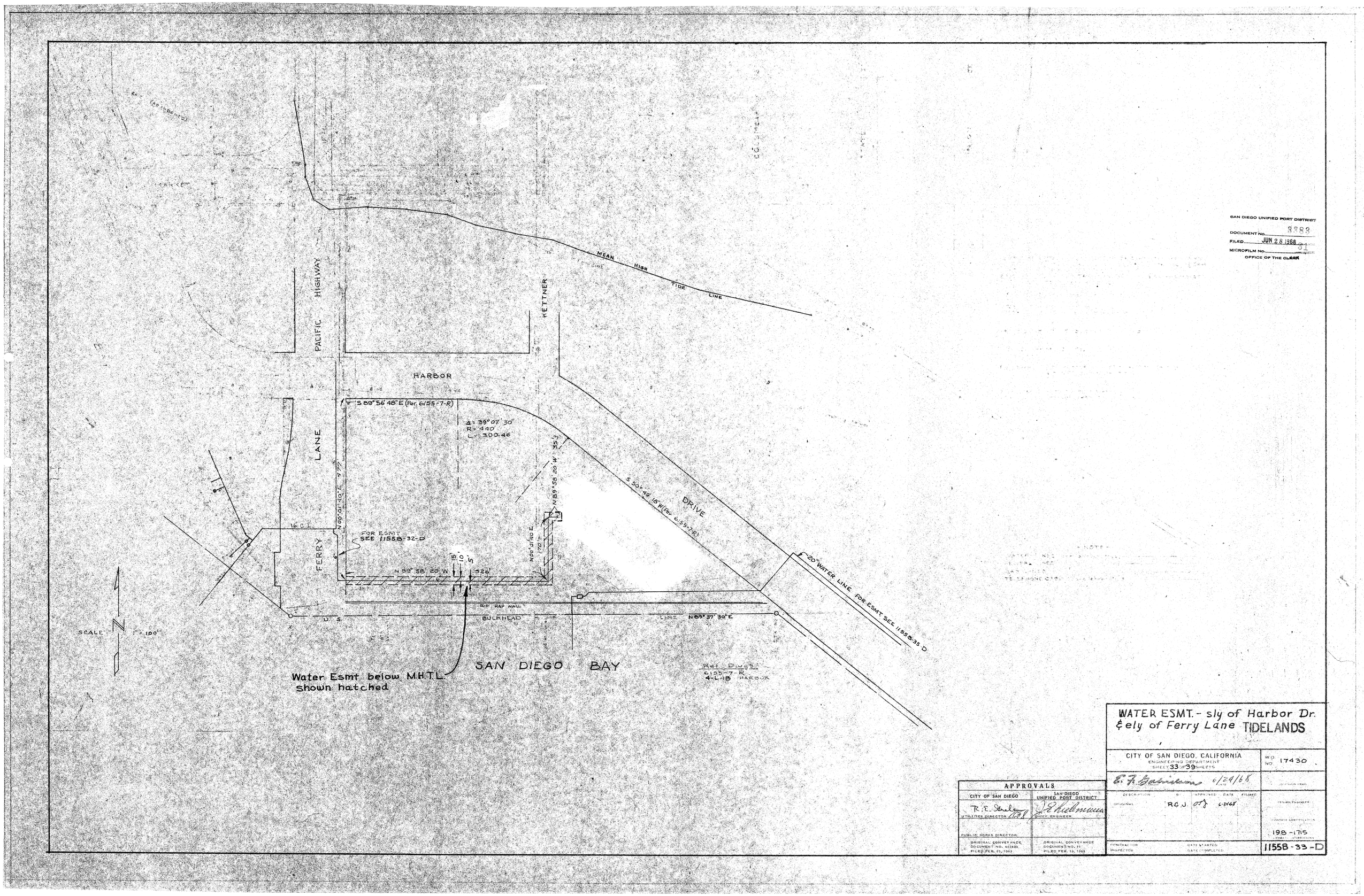
DESIGN ENGINEER

CONTROL CERTIFICATION

198-1715
LAMBERT COORDINATES

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

11558-32-D


MEAN HIGH TIDE LINE
PACIFIC HIGHWAY
KETTNER
HARBOR
LANE
FERRY
DRIVE
S 89° 56' 48" E (Per. 6155-7-R)
Δ = 39° 07' 30"
R = 440'
L = 300.46'
N 89° 58' 20" W 35'
N 00° 01' 40" E 477'
N 00° 01' 40" E 170'
S 50° 49' 18" W (Per. 6155-7-R)
FOR ESMT SEE 11558-32-D
N 89° 58' 20" W
326'
RIP RAP WALL
BULKHEAD
LINE N 89° 37' 30" E
20" WATER LINE FOR ESMT SEE 11558-35-D
SCALE 1" = 100'
SAN DIEGO BAY
Water Esmt below M.H.T.L. shown hatched
Ref. Dwgs. 6155-7-R 4-L-18 HARBOR
SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT No. 3383
FILED JUN 28 1968
MICROFILM No. 31
OFFICE OF THE CLERK
WATER ESMT. - sly of Harbor Dr. & ely of Ferry Lane TIDELANDS
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 33 OF 39 SHEETS
W.O. NO. 17430
E. F. Gabrielson 6/24/68
DESCRIPTION BY APPROVED DATE FILMED
ORIGINAL R.G.J. 6-24-68
DIVISION HEAD
DESIGN ENGINEER
CONTROL CERTIFICATION
198-1715
LAMBERT COORDINATES
CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED
11558-33-D
APPROVALS
CITY OF SAN DIEGO
R. E. Grelle
UTILITIES DIRECTOR
PUBLIC WORKS DIRECTOR
ORIGINAL CONVEYANCE DOCUMENT NO. 651833 FILED FEB. 15, 1963
SAN DIEGO UNIFIED PORT DISTRICT
J. E. Kuhlmann
CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

Administrative Record Page No. 021429

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3998
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

SECTIONS (See Sheet 4 for Location)

Sect. 38+20 — 5% Slope
Sect. 38+50 — 4% Slope
Sect. 39+00 — All Sections 1½ : 1
Sect. 39+50 — 2% Slope
Sect. 40+00 — 2% Slope
Sect. 40+50 — 2% Slope
Sect. 41+20 — ½% Slope

Line of City Right of Way
Required Fill
Ground Surface
Proposed Pipe Line

END of WORK STA. 221+97.26
16"x16"x24" Tee with 8" S.O. 2-1" Corp. Cocks 3/4" Gage Conn.
Existing 8" Gate Valve S 48° 50' W
8" Gate Valve
16" Plug Valve
24" Plug Valve
Welded Joints at 221+34, 221+49, 221+56, & 221+67
FOR ESMT. SEE 11558-12-D
16"CI Existing Main S 46° 09' W
F.H.
B.O.
M.H.
S 45° 59' W
Sta. 221+97± 16"x16"x24" Steel Tee with 8" S.O., 24" Plug Valve, 16" Plug Valve and 8" Gate Valve in chamber
Sta. 221+93 4" B.O., type A, without outlet well
Sta. 221+46 M.H. (no chamber)
Proposed Fill
Slough
A.T.&S.F. Tracks
16"W
Level
6" Tar
+2.75% Grade
Level
Bottom of Pipe
24" R.C.C. Pipe, Class L Ag = 2.80
Sta. 217+63 8" S.O.
S.D.B.A.E. Yard Tracks
1½"W
1½"Air
Sta. 216+18± 4" S.O.
2" Asphalt
Ground Surface
6"Drain 2"Steam
18"CMP
9"Drain
Sta. 214+01 8" S.O.
Spur Track
4"S
213+14.14 Ahead
213+16.96 Back
= 213+16.96 Back
Level
60" Sewer
CITY DATUM
END of WORK 221+97.26
221+90
221+75
221+60
221+45
219+75
220+13
213+60
222 221 220 219 218 217 216 215 214 213

A.T.&S.F. R/W
Δ=8°26' RT
R=186'
T=13.64'
L=27.23'
Williams B.L. Sta. 139+63.32 = Pipe Line Sta. 221+17.35
Williams B.L. Bearing N 35° 30' 55" W
Station
221+91.26
Δ=2° 51' LT
221+64.34 P.C.
221+33.71 B.C.
Concrete Piers
Pile Bent
S 37° 43' W
37.65'
S 42° 49' W
174.69'
B.O.
M.H.
S 45° 59' W
Welded Joints at 221+34, 221+49, 221+56, & 221+67
16"CI Existing Main S 46° 09' W
A.T.&S.F. R/W
50'
50'
Williams Base Line & Main Track
60" Sewer
HARBOR DRIVE
379.90' to State Highway Conc. Mon. on Ny. R/W E. C. 190 x 40.00
36" Jacked Casing 221+88.88 to 221+81
S.D.B.A.E. R/W 50 yr Lease City Ordinance 1281 Apr. 21, 1930
S.D.B.A.E. Lease See Harbor Dept. Dwg. 1048
N 52° 06' 10" W
219+98.88
Δ=3° 06' LT
6"Tar Line S.D.G.&E. Co.
10'
20'
S.D.B.A.E. Yard Tracks
100'
Switch Bldg
N 49° 07' 26" W
Water Esmt. below M.H.T.L. shown hatched
S.D.B.A.E. Lease See Harbor Dept. Dwg. No 1048
1½" Water
227.29'
S 38° 53' W
1" Air
20" Air Tank
215+93.84
6"Drain
2"Steam
2"Air
Open Channel - Switzer Creek
S.O.
6"Drain
F.H.
2"Sloan Blowoff
Spur Tracks
8" Conc. Culvert
Wood Shop
Tel. Pole
1"W
10.6'
Toilet
279.70'
24" PIPE LINE
4' Asphalt Pavement
Bulkhead
Septic Tank
4"Sewer
Pullman Co.
Fenton Material Co.
9" Pipe Drain
Spur Track
36" Jacked Casing 213+48 to 213+62
213+49.80 P.O.T.
212+76.78
212+81.30 P.O.T.
38.36'
213+14.14 Ahead
213+16.96 Back
Δ=19°15' RT
S 50° 40' E
Bearings S 50° 39' E
6" Water
Storm Drain
Storm Drain
SOZZE
Drain
13th STREET
NEWTON AVE
City Easement City Clerk's Doc. No. 383400 Book 2102 Page 163 O.R.
S.D.B.A.E. R/W
212+08.06
J
K
L
213
169
36" Jacked Casing 219+31 to 219+08
City Easement Supplemental Agreement City Clerk's Document No. 382056
City Easement by Supplemental Agreement City Clerk's Document No. 383723
State Hwy. Encroachment Permit No. A110,736
Mean High Tide Line

Ref. Dwg:
3593-W (WD 807)
13503-17-L

Water Department Field Book #711
City Engineer's Field Books #1722 & #1691

Drawn by J.A.C., R.S.G., J.M.K.
Traced by D.M.L.
Checked by: [illegible]

10-29-48 As Built R.M.
11-23-47
10-14-47
Edited 6-26-47

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Dolan UTILITIES DIRECTOR	J. E. Kuhlmann CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 551823 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 13, 1963

WATER ESMT. - Switzer Creek from M.H.T.L. to 16" water main s'ly of Harbor Drive. TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 34 OF 39 SHEETS

W.O. NO. 17430

E. Z. Hardcastle 6/24/68
DIVISION HEAD

DESCRIPTION — BY — APPROVED — DATE — FILMED
ORIGINAL — R.G.J.

DESIGN ENGINEER

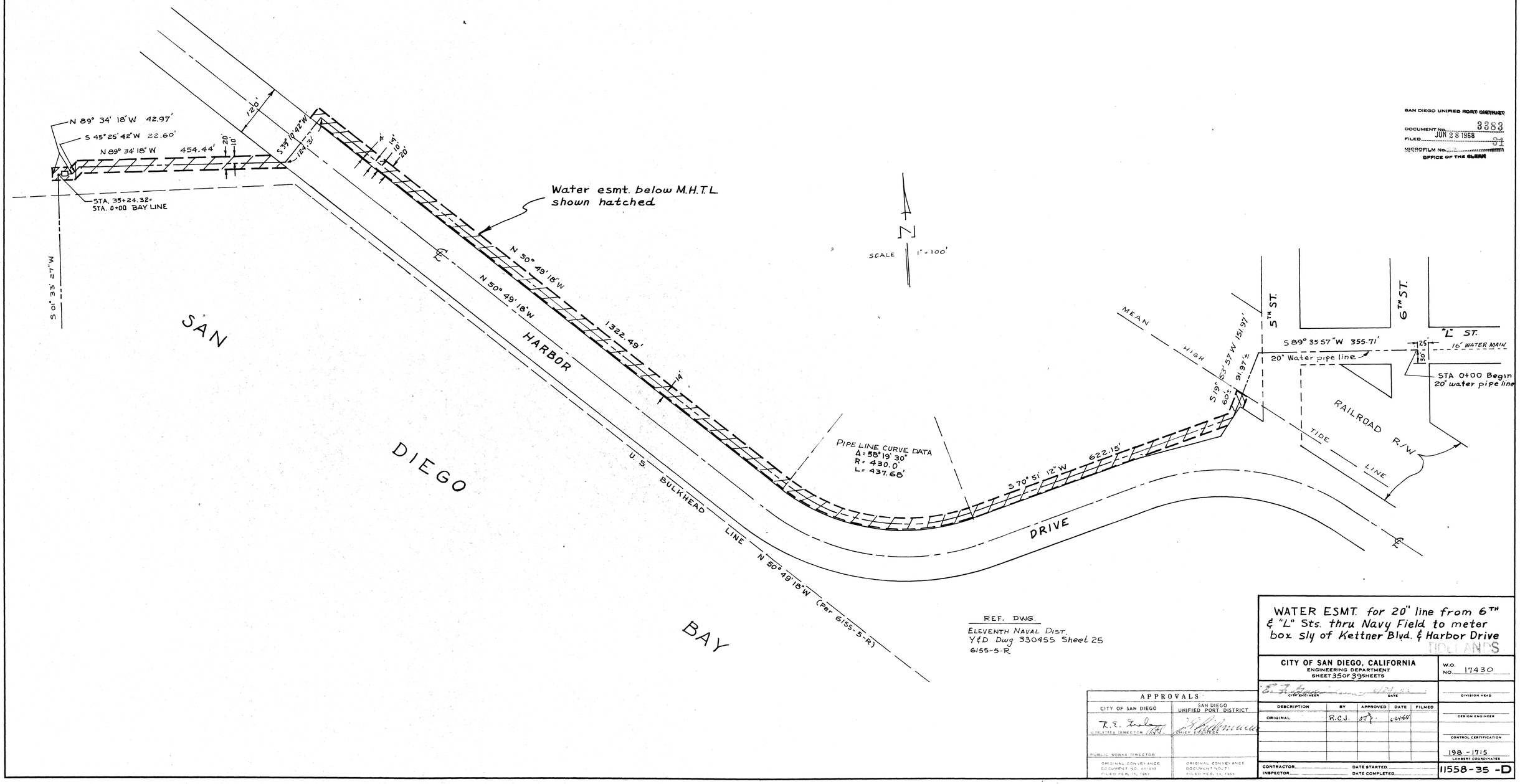
CONTRACT IDENTIFICATION
194-1721

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11558-34-D

Administrative Record Page No. 021430

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK



REF. DWG.
ELEVENTH NAVAL DIST.
Y&D Dwg 330455 Sheet 25
6155-5-R

WATER ESMT. for 20" line from 6TH & "L" Sts. thru Navy Field to meter box Sly of Kettner Blvd. & Harbor Drive
TIDELANDS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 35 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.		6-24-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

198 - 1715
LAMBERT COORDINATES

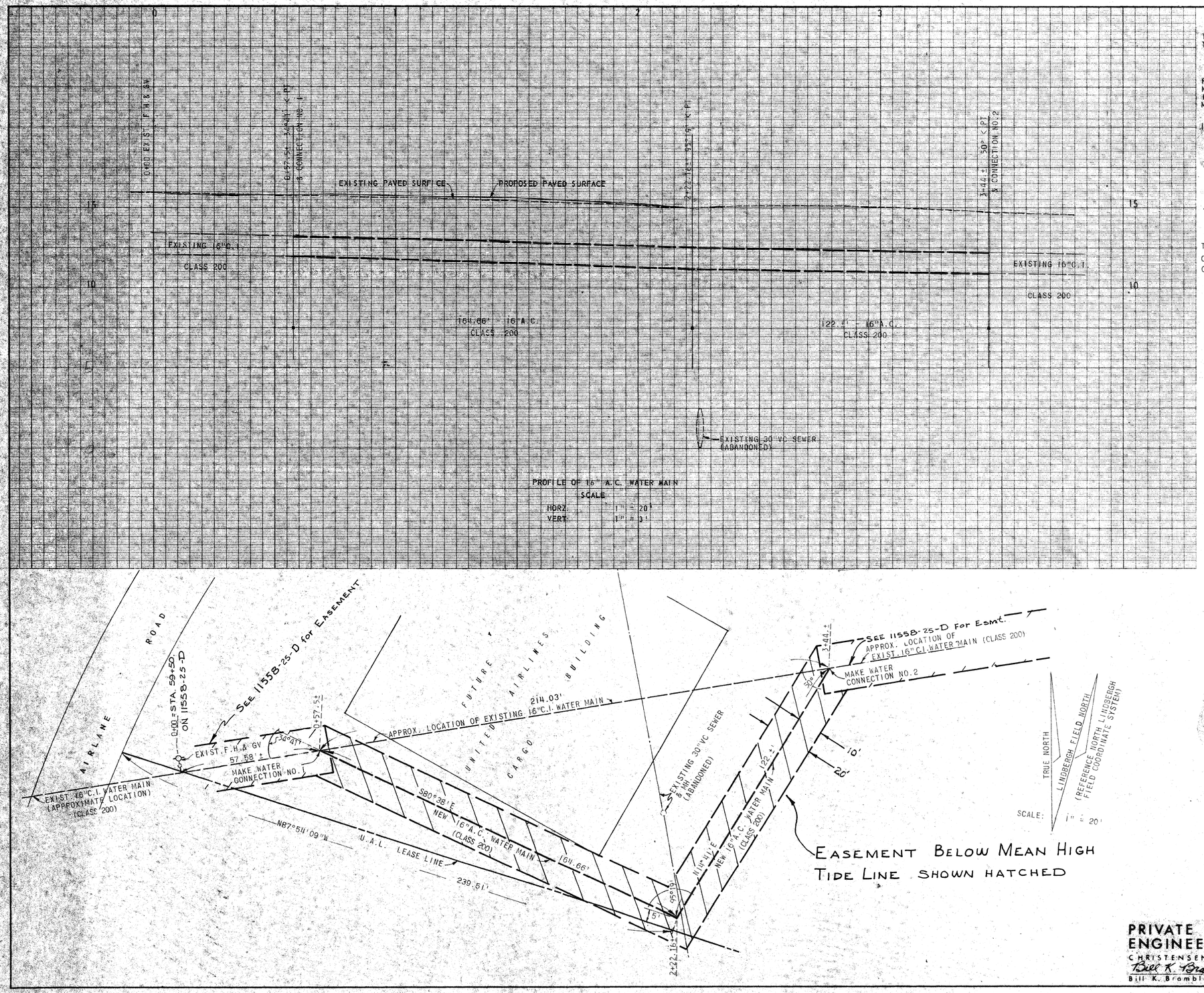
CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11558-35-D

APPROVALS

CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Hedman, UTILITIES DIRECTOR / PUBLIC WORKS DIRECTOR	J. Hillmann, CHIEF ENGINEER
ORIGINAL CONVEYANCE DOCUMENT NO. 651333 FILED FEB. 15, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 15, 1963

Administrative Record Page No. 021431



WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE FOLLOWING STANDARD DRAWINGS AND SPECIFICATIONS OF THE CITY OF SAN DIEGO.

SPECIFICATIONS

PART I FILED APRIL 9, 1958 INCLUDING AMENDMENTS TO PART I FILED APRIL 8, 1959 AND NOVEMBER 29, 1962; PART I, SECTION 1, FILED APRIL 5, 1967 ; PART II, FILED DECEMBER 14, 1966; PART III FILED FEBRUARY 16, 1966; PART IV FILED FEBRUARY 25, 1966; PART V FILED MARCH 1, 1966 SPECIAL CONDITIONS P-18 REVISED NOVEMBER 21, 1966, HERETO ATTACHED.

IMPROVEMENTS	STD DWGS	SYMBOL
A.C. WATER MAIN & APPURTENANCES	W-6-59; W-61-60	
LEGEND EXISTING WORK	P-1-56	

REFERENCE DRAWINGS

6112-7 W

THE COST OF WATER MAIN CONNECTIONS ON THESE PLANS ARE AS FOLLOWS:

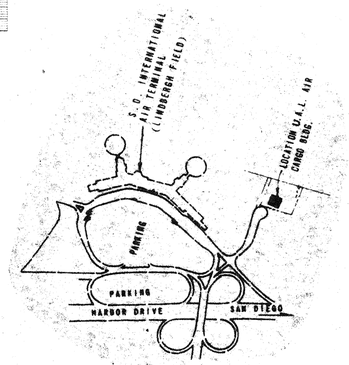
CONNECTION NO. 1 $ 971.00

CONNECTION NO. 2 $ 971.00

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO.
OFFICE OF THE CLERK

BENCH MARK

U.S.C.& G. DISC = K899 IN
NORTH FACE OF AEROSPACE BLDG.
ELEV: 15.851 (M.L.L.W. DATUM)



LOCATION MAP
NO SCALE

PRIVATE CONTRACT
ENGINEER OF DESIGN
CHRISTENSEN, EVENSON & ASSOCIATES
Bill K. Bramble
Bill K. Bramble, R.C.E 8102

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
CITY CLERK DOCUMENT NO. 651932 FILED FEB. 15, 1963	CONVEYANCE DOCUMENT NO. 71 FILED FEB. 12, 1963

WATER EASEMENT- RELOCATION OF 16" LINE IN LINDBERGH FIELD N'LY of N. HARBOR DR. W'LY OF LAUREL ST. FOR UNITED AIRLINES CARGO BUILDING

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 36 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER DATE

DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.		6-14-68	

DESIGN ENGINEER

CONTROL CERTIFICATION

206-1707 LAMBERT COORDINATES

CONTRACTOR DATE STARTED

INSPECTOR DATE COMPLETED

11558-36-D

A-5781

A-5781

Administrative Record Page No. 021432

LINDBERGH FIELD

SCALE 1" = 50'

Water esmt below M.H.T.L.
shown hatched

FOR ESMT SEE SHEET 11558-28-D

STA. 16+51.68

ABANDONED

FOR ESMT SHEET 11558-28-D

FOR ESMT. SEE SHEET 11558-27-D

343'±

16" WATER MAIN

N. 70° 0. 0.

S. 70° 0. 0.

211.93'

22'

59.86'

N 24° S 77° 21' 20" W

27'

25'

NLY LINE OF LAUREL ST PRODUCED — N69° 47' 40E Per 6269-L

R/W LINE

100'

49'

STREET

LAUREL

NORTH HARBOR DRIVE

SAN DIEGO BAY

Ref. Dwg.
6268-L, 6269-L
6270-L, 6271-L

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1968
MICROFILM NO. 31
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Gralow UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 657633 FILED FEB. 17, 1949	ORIGINAL CONVEYANCE DOCUMENT NO. 71 FILED FEB. 10, 1949

WATER ESMT.- N.wly of Laurel St. & North Harbor Drive for 16" pipe line constructed 1-24-44

T. DELANEY

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 37 OF 39 SHEETS

W.O. NO. 17430

CITY ENGINEER — DATE — DIVISION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J.		6-24-44	

DESIGN ENGINEER

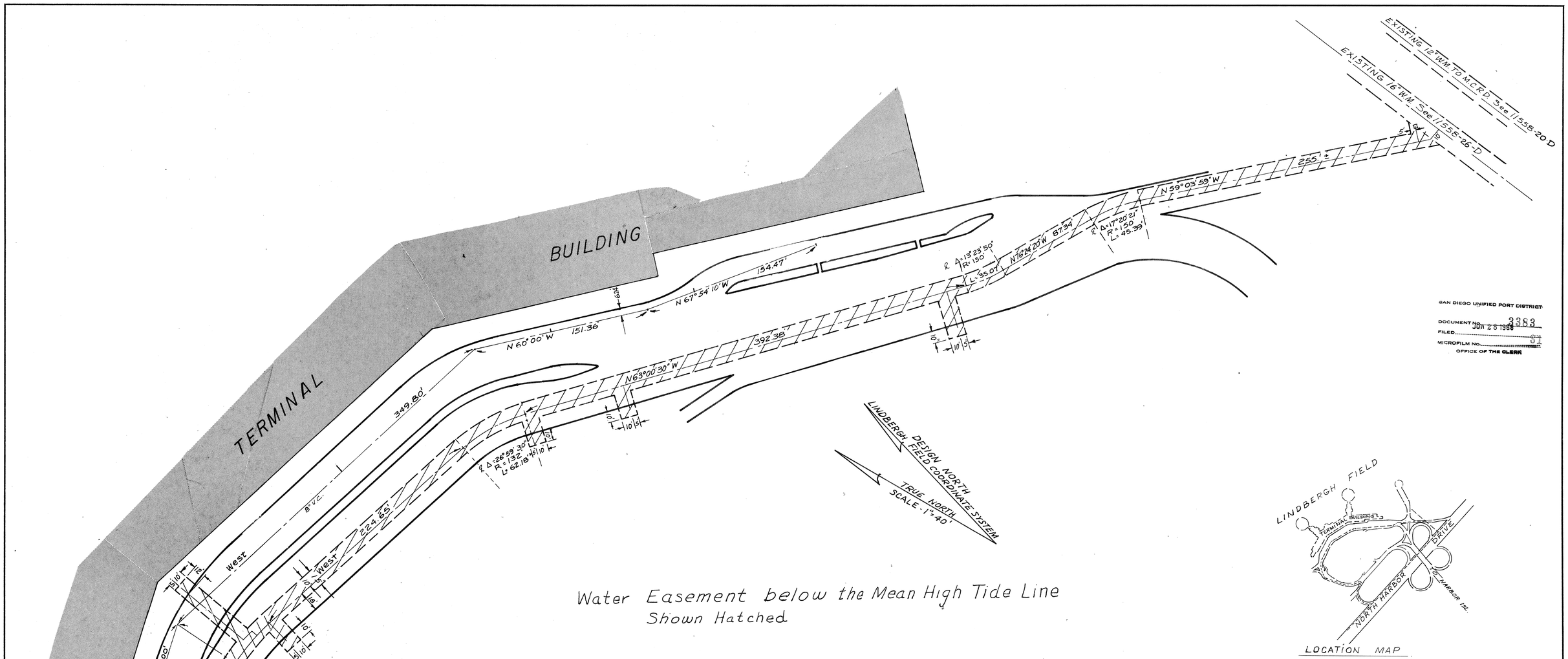
CONTROL CERTIFICATION

204-17/3
LAMBERT COORDINATES

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

11558-37-D

Administrative Record Page No. 021433



Water Easement below the Mean High Tide Line
Shown Hatched

REF DWG.
PORT DIST. DWGS.
707-3, 707-4,
707-8, 707-22
CITY DWGS.
13036-1-T05 D

SAN DIEGO UNIFIED PORT DISTRICT
DOCUMENT NO. 3383
FILED JUN 28 1966
MICROFILM NO.
OFFICE OF THE CLERK

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Hudson UTILITIES DIRECTOR	CHIEF ENGINEER
PUBLIC WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. FILED FEB. 15, 19	ORIGINAL CONVEYANCE DOCUMENT NO. FILED FEB. 13, 1963

WATER EASEMENT - in Lindbergh Field Terminal Area for the Terminal Building

TIDELANDS

APPROVALS	
DEPARTMENTAL	ENG. DEPT. DIVISION OR SECTION
PLANNING	CONST. INSPECTION
PROPERTY	ELECTRICAL
PUBLIC WORKS	FIELD CHECK
RECREATION	GRADES AND DRAINS
UTILITIES	HIGHWAYS
	MONUMENTS
STRUCTURAL	PARKS
TRAFFIC	SEWERAGE
WATER	STREET ACTIONS

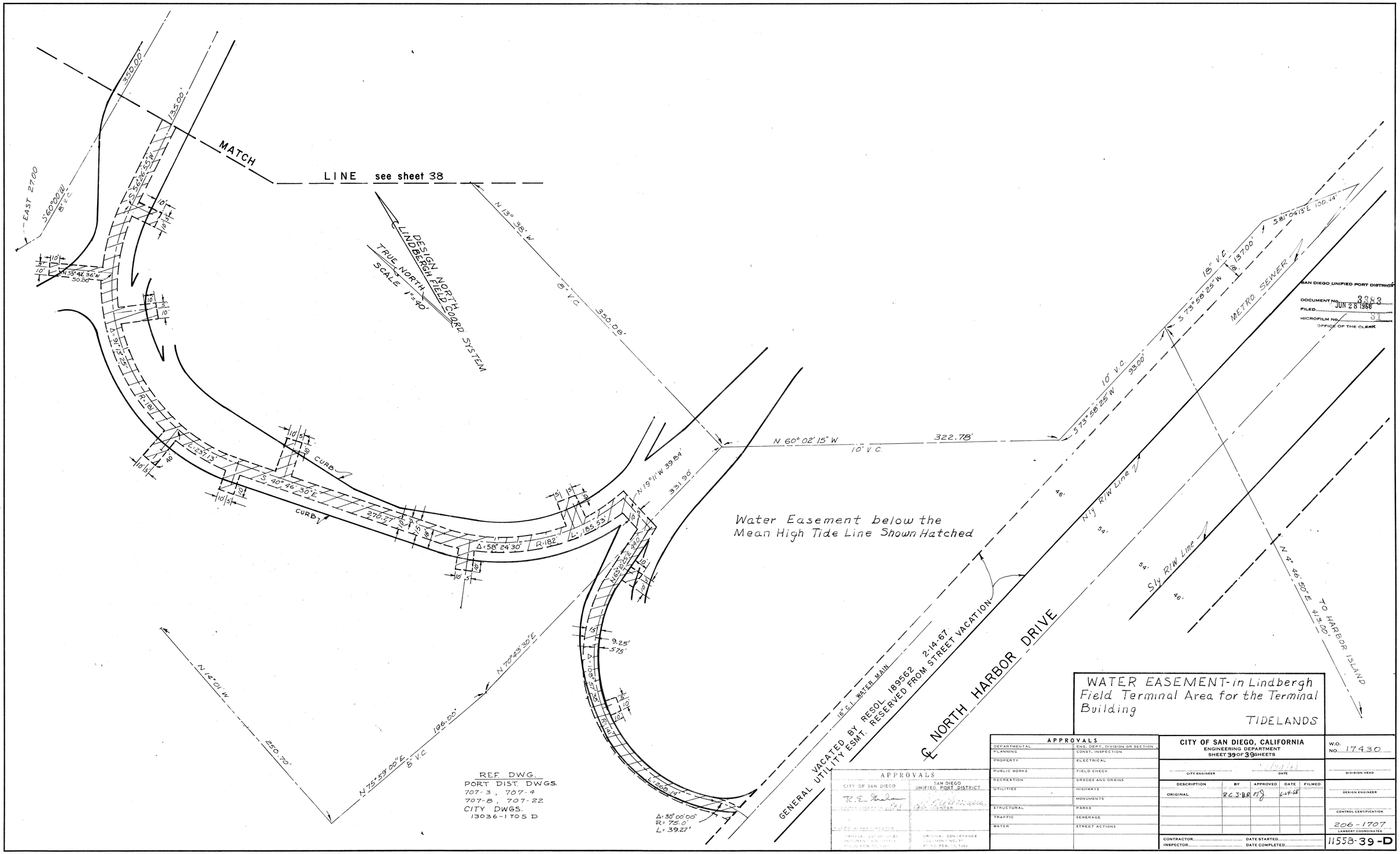
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 38 OF 39 SHEETS

CITY ENGINEER — DATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RJG	[illegible]	6-24-63	

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

W.O. NO. 17430
DIVISION HEAD
DESIGN ENGINEER
CONTROL CERTIFICATION 206-1707
LAMBERT COORDINATES
11,558-38-D



WATER EASEMENT-in Lindbergh Field Terminal Area for the Terminal Building

TIDELANDS

APPROVALS	
DEPARTMENTAL	ENG. DEPT. DIVISION OR SECTION
PLANNING	CONST. INSPECTION
PROPERTY	ELECTRICAL
PUBLIC WORKS	FIELD CHECK
RECREATION	GRADES AND DRAINS
UTILITIES	HIGHWAYS
	MONUMENTS
STRUCTURAL	PARKS
TRAFFIC	SEWERAGE
WATER	STREET ACTIONS

APPROVALS	
CITY OF SAN DIEGO	SAN DIEGO UNIFIED PORT DISTRICT
R. E. Graham	[signature]
DEPUTY DIRECTOR	CHIEF ENGINEER
CHIEF WORKS DIRECTOR	
ORIGINAL CONVEYANCE DOCUMENT NO. 17430 FILED FEB. 13, 1963	ORIGINAL CONVEYANCE DOCUMENT NO. 37 FILED FEB. 13, 1963

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 39 OF 39 SHEETS

CITY ENGINEER — DATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	R.C.J-B.R.	[signature]	6-24-68	

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

W.O. NO. 17430

DIVISION HEAD

DESIGN ENGINEER

CONTROL CERTIFICATION

206-1707
LAMBERT COORDINATES

11558-39-D